

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064826.D
 Acq On : 24 Nov 2020 22:17
 Operator : JC/MD
 Sample : VN1124WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Quant Time: Nov 25 04:09:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	188041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	299649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	268096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129174	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	107427	49.14	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.28%	
35) Dibromofluoromethane		7.55	113	91389	50.97	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.94%	
50) Toluene-d8		10.06	98	357838	48.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.68%	
62) 4-Bromofluorobenzene		12.37	95	126335	48.19	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	28302	17.366	ug/l	98
3) Chloromethane	2.04	50	35313	16.674	ug/l	98
4) Vinyl Chloride	2.17	62	38612	17.488	ug/l	98
5) Bromomethane	2.53	94	21829	15.069	ug/l	97
6) Chloroethane	2.68	64	23962	17.546	ug/l	95
7) Trichlorofluoromethane	2.99	101	53871	17.650	ug/l	96
8) Diethyl Ether	3.37	74	22212	18.437	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	33088	18.072	ug/l	99
10) Methyl Iodide	3.91	142	28271	11.904	ug/l	97
11) Tert butyl alcohol	4.74	59	27658	81.126	ug/l #	94
12) 1,1-Dichloroethene	3.69	96	32530	17.840	ug/l	99
13) Acrolein	3.56	56	13681	65.697	ug/l	99
14) Allyl chloride	4.27	41	51864	17.245	ug/l	99
15) Acrylonitrile	4.93	53	83221	88.362	ug/l	100
16) Acetone	3.78	43	66089	91.965	ug/l	98
17) Carbon Disulfide	4.01	76	82900	17.611	ug/l	98
18) Methyl Acetate	4.28	43	37325	17.275	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	105382	18.020	ug/l	98
20) Methylene Chloride	4.50	84	39044	17.338	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	34966	17.268	ug/l	98
22) Diisopropyl ether	5.90	45	113206	18.806	ug/l	96
23) Vinyl Acetate	5.84	43	442623	91.949	ug/l	99
24) 1,1-Dichloroethane	5.79	63	67046	18.637	ug/l	100
25) 2-Butanone	6.79	43	104665	89.846	ug/l	95
26) 2,2-Dichloropropane	6.78	77	49585	15.892	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	41777	18.335	ug/l	96
28) Bromochloromethane	7.15	49	31933	19.403	ug/l	98
29) Tetrahydrofuran	7.17	42	69868	86.884	ug/l	99
30) Chloroform	7.33	83	67137	18.096	ug/l	98
31) Cyclohexane	7.61	56	53754	17.642	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	59273	18.602	ug/l	99
36) 1,1-Dichloropropene	7.75	75	49056	17.662	ug/l	100
37) Ethyl Acetate	6.89	43	42064	15.722	ug/l	97
38) Carbon Tetrachloride	7.73	117	50864	17.600	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	52103	17.426	ug/l	100
40) Benzene	8.00	78	150257	17.654	ug/l	99
41) Methacrylonitrile	7.13	41	21560	17.465	ug/l	91
42) 1,2-Dichloroethane	8.09	62	51593	17.969	ug/l	100
43) Isopropyl Acetate	8.13	43	73716	17.123	ug/l	99
44) Trichloroethene	8.80	130	43317	17.249	ug/l	94
45) 1,2-Dichloropropane	9.08	63	39738	18.029	ug/l	95
46) Dibromomethane	9.17	93	26394	17.925	ug/l	97
47) Bromodichloromethane	9.37	83	53032	17.899	ug/l	99
48) Methyl methacrylate	9.16	41	35969	17.485	ug/l	98
49) 1,4-Dioxane	9.17	88	13269	341.280	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	229378	88.750	ug/l	99
52) Toluene	10.12	92	96144	18.343	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	56370	17.082	ug/l	96
54) cis-1,3-Dichloropropene	9.80	75	61764	17.462	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	38362	17.799	ug/l	98
56) Ethyl methacrylate	10.40	69	53175	17.878	ug/l	100
57) 1,3-Dichloropropane	10.68	76	63511	17.863	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	147521	90.168	ug/l	99
59) 2-Hexanone	10.72	43	161347	86.743	ug/l	100
60) Dibromochloromethane	10.87	129	43153	18.012	ug/l	96
61) 1,2-Dibromoethane	10.97	107	37985	17.347	ug/l	97
64) Tetrachloroethene	10.60	164	42697	16.370	ug/l	96
65) Chlorobenzene	11.40	112	103005	17.891	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	39151	18.504	ug/l	100
67) Ethyl Benzene	11.48	91	174123	18.104	ug/l	99
68) m/p-Xylenes	11.59	106	137498	37.759	ug/l	96
69) o-Xylene	11.92	106	64072	18.542	ug/l	99
70) Styrene	11.94	104	110336	18.914	ug/l	98
71) Bromoform	12.10	173	28120	16.640	ug/l #	99
73) Isopropylbenzene	12.22	105	170414	18.967	ug/l	100
74) N-amyl acetate	12.04	43	62870	17.780	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	50193	19.059	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	67876	24.399	ug/l #	100
77) Bromobenzene	12.50	156	44586	18.406	ug/l	98
78) n-propylbenzene	12.56	91	190277	18.590	ug/l	99
79) 2-Chlorotoluene	12.65	91	115198	18.207	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	144557	19.356	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	16070	15.833	ug/l	95
82) 4-Chlorotoluene	12.75	91	122375	18.452	ug/l	100
83) tert-Butylbenzene	12.96	119	120968	19.324	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	146444	19.394	ug/l	99
85) sec-Butylbenzene	13.14	105	158877	19.116	ug/l	100
86) p-Isopropyltoluene	13.26	119	145805	19.269	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	79752	18.531	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	77488	17.025	ug/l	98
89) n-Butylbenzene	13.59	91	117372	17.663	ug/l	99
90) Hexachloroethane	13.85	117	24282	18.472	ug/l	96
91) 1,2-Dichlorobenzene	13.62	146	76395	18.078	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9572	16.154	ug/l	99

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QLast Update : Mon Nov 23 13:54:12 2020
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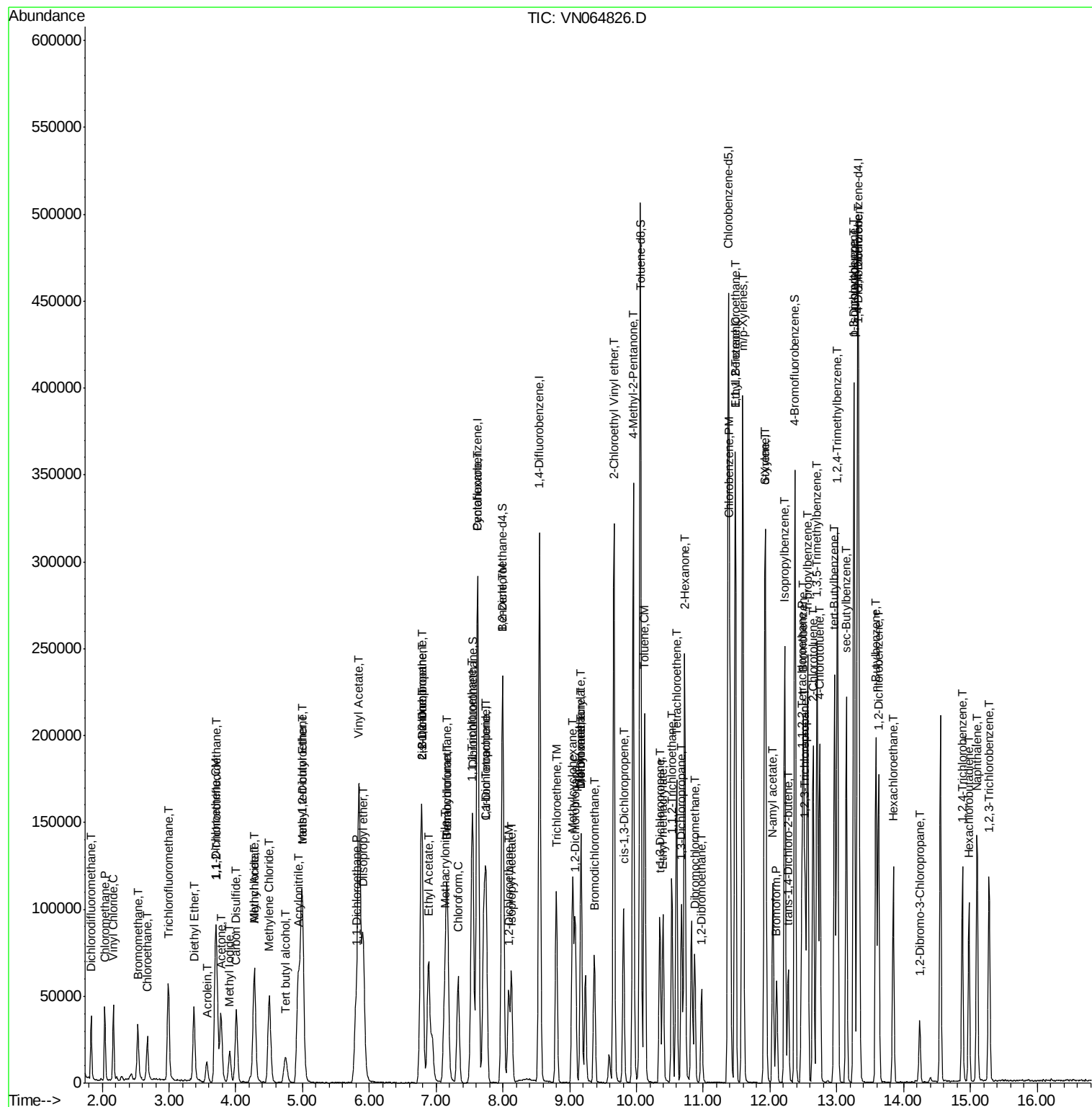
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	41934	16.042	ug/l	100
94) Hexachlorobutadiene	14.98	225	21429	18.441	ug/l	98
95) Naphthalene	15.10	128	128825	16.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	40927	17.408	ug/l	97

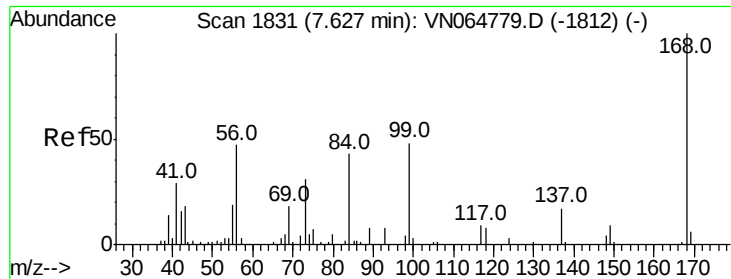
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

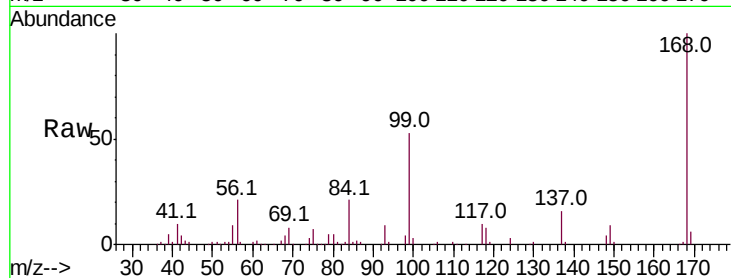
VN1124WBS02

Tot Ion:168 Resp: 188041

Ion Ratio Lower Upper

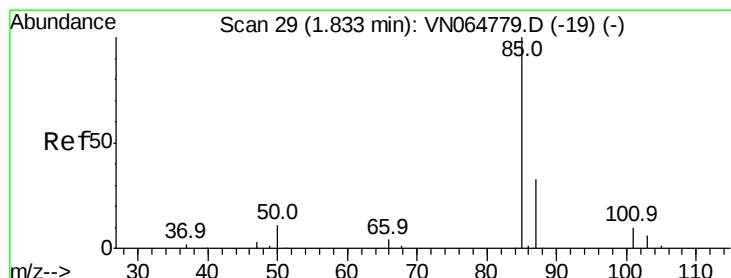
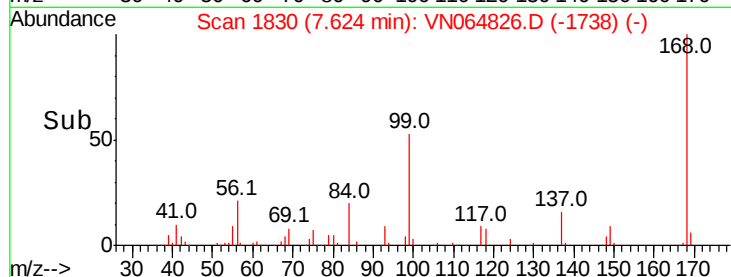
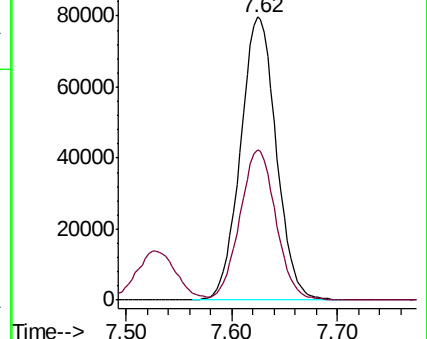
168 100

99 53.0 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 17.366 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064826.D

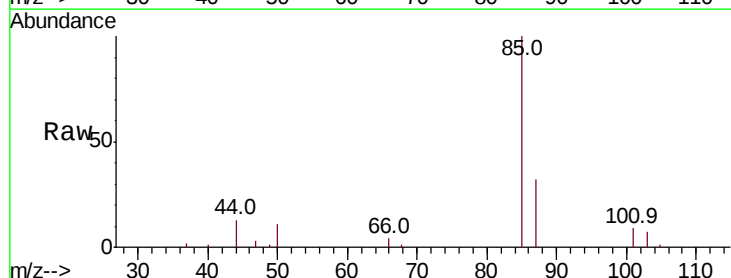
Acq: 24 Nov 2020 22:17

Tgt Ion: 85 Resp: 28302

Ion Ratio Lower Upper

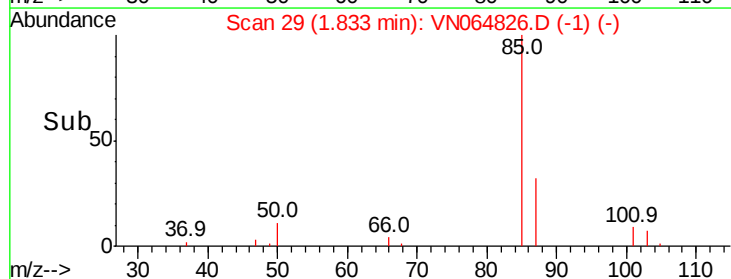
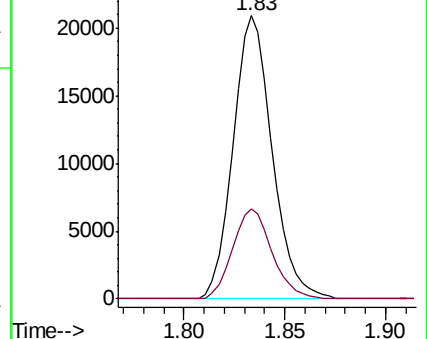
85 100

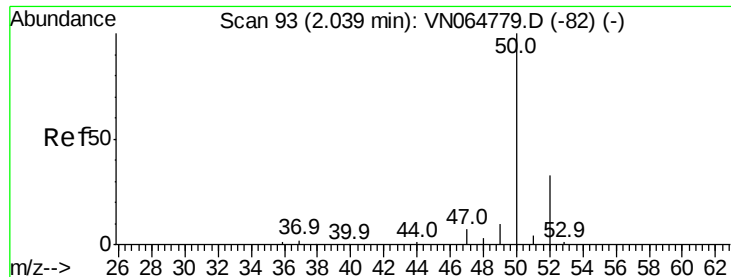
87 31.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

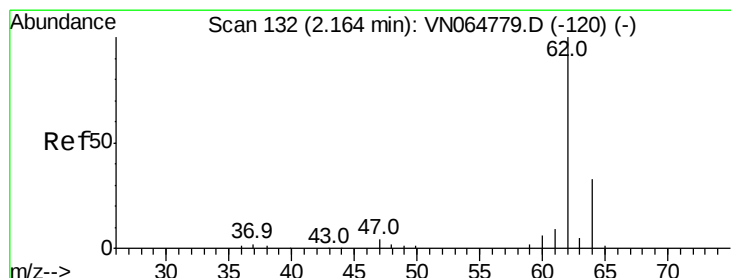
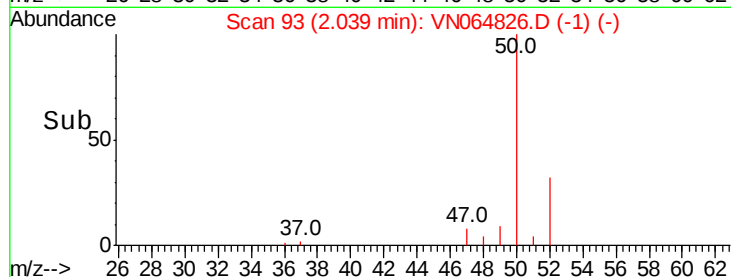
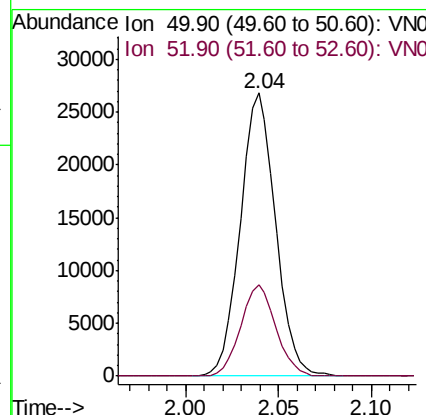
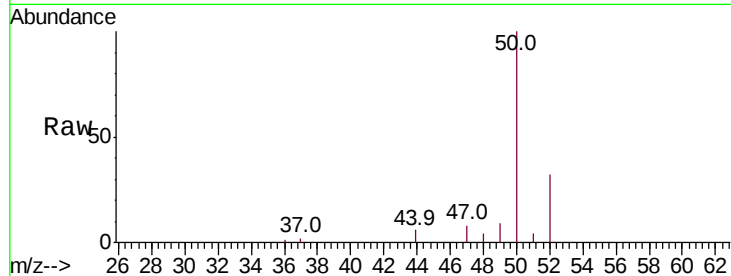




#3
Chloromethane
Concen: 16.674 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

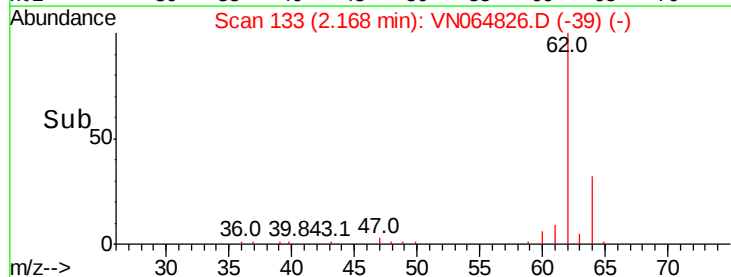
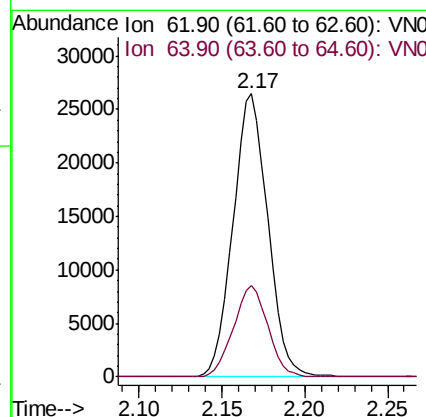
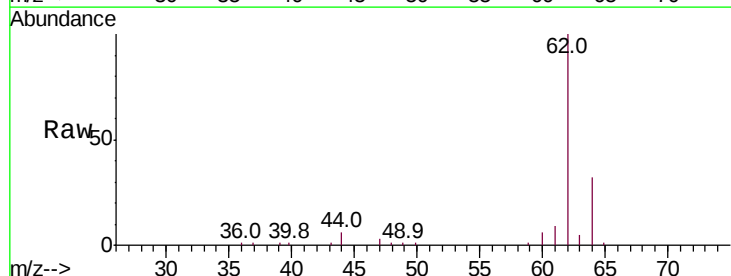
Instrument :
MSVOA_N
ClientSampleId :
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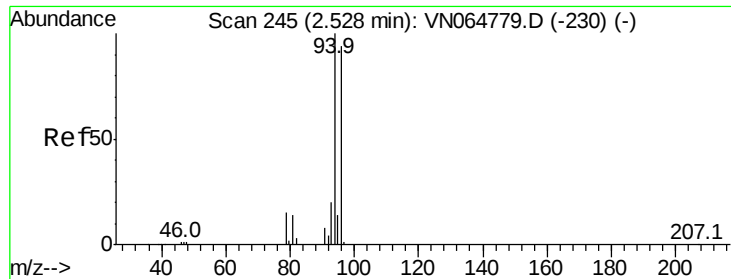
Tot Ion: 50 Resp: 35313
Ion Ratio Lower Upper
50 100
52 32.1 26.6 39.8



#4
Vinyl Chloride
Concen: 17.488 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 62 Resp: 38612
Ion Ratio Lower Upper
62 100
64 32.1 26.5 39.7





#5

Bromomethane

Concen: 15.069 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

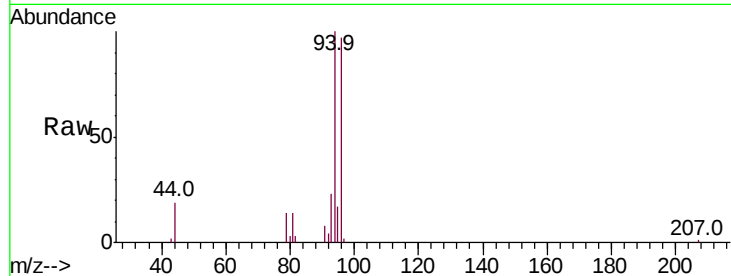
VN1124WBS02

Tot Ion: 94 Resp: 21829

Ion Ratio Lower Upper

94 100

96 96.6 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

12000

10000

8000

6000

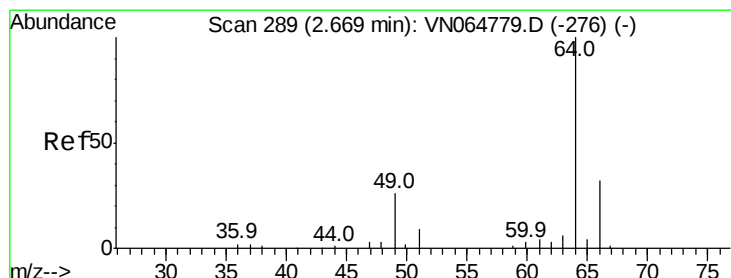
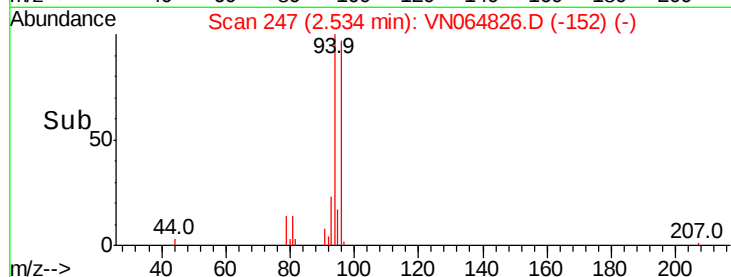
4000

2000

0

2.45 2.50 2.55 2.60

Time-->



#6

Chloroethane

Concen: 17.546 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064826.D

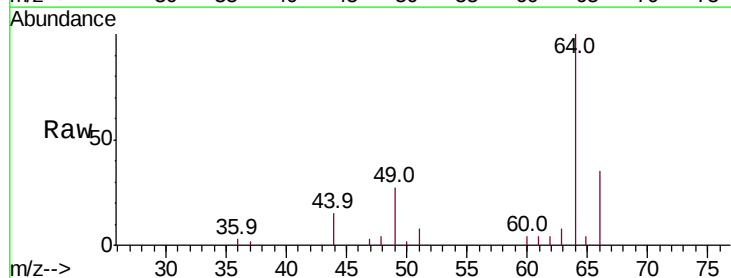
Acq: 24 Nov 2020 22:17

Tgt Ion: 64 Resp: 23962

Ion Ratio Lower Upper

64 100

66 34.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

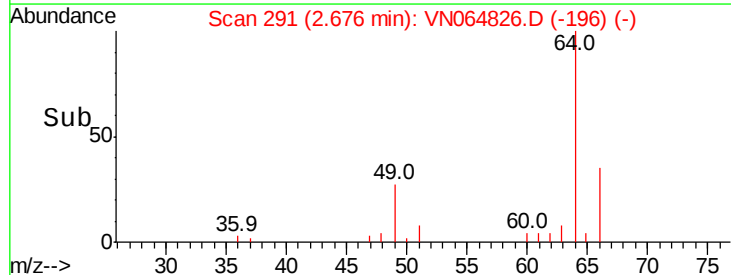
10000

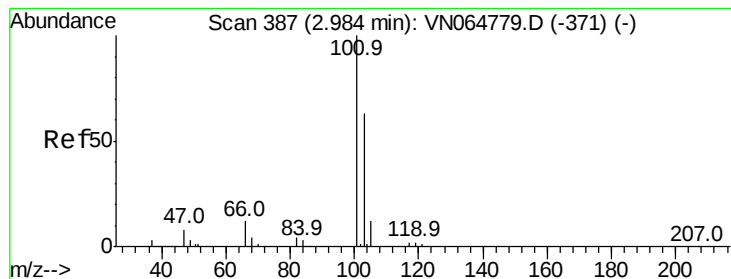
5000

0

2.60 2.65 2.70 2.75

Time-->



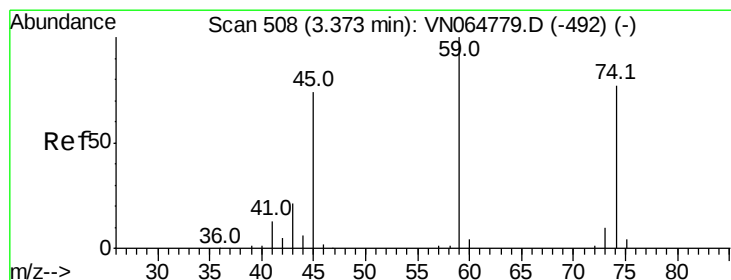
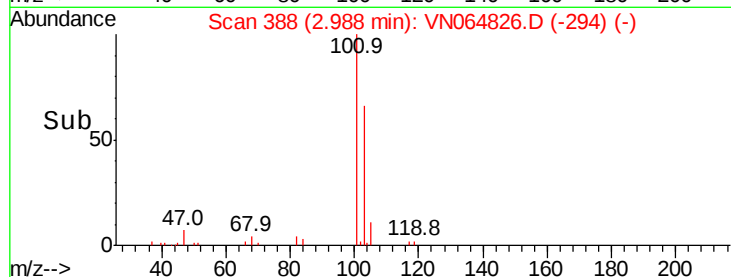
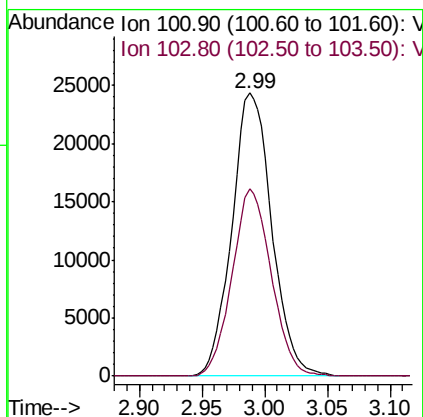
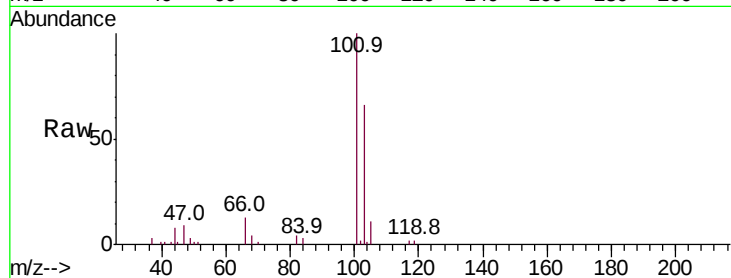


#7

Trichlorofluoromethane
Concen: 17.650 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampled :
VN1124WBS02

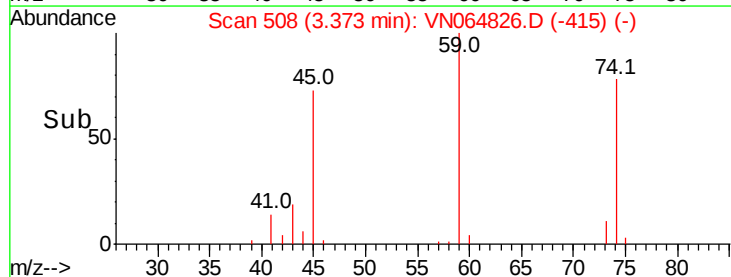
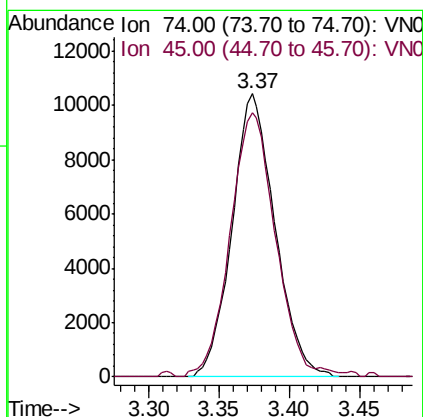
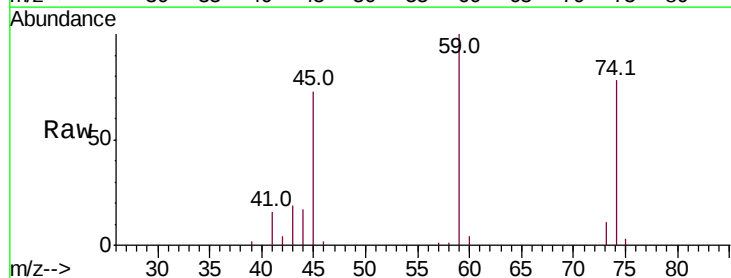
Tot Ion:101 Resp: 53871
Ion Ratio Lower Upper
101 100
103 66.3 50.5 75.7

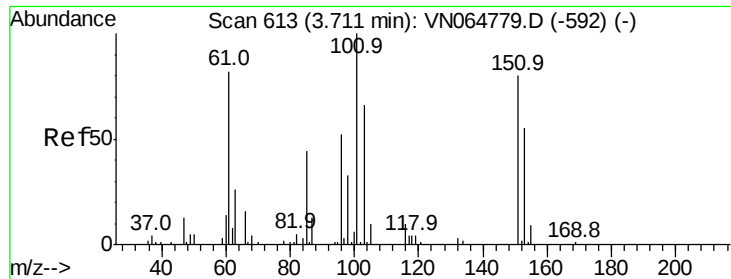


#8

Diethyl Ether
Concen: 18.437 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 74 Resp: 22212
Ion Ratio Lower Upper
74 100
45 98.8 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.072 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

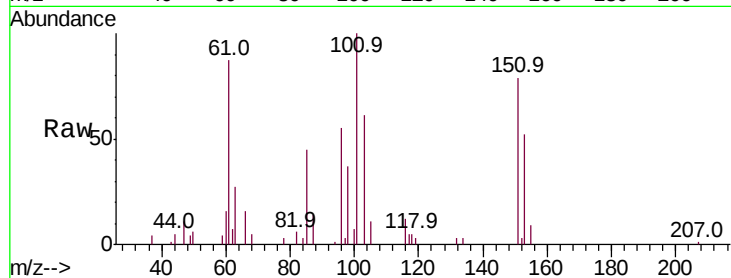
Tot Ion:101 Resp: 33088

Ion Ratio Lower Upper

101 100

85 44.4 34.4 51.6

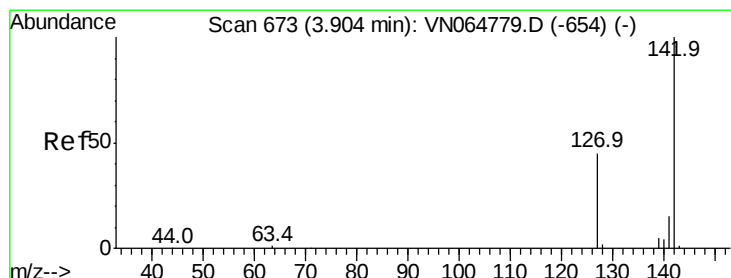
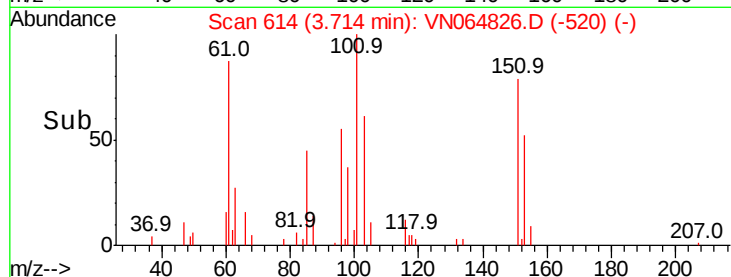
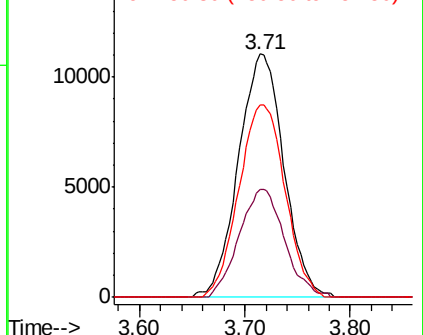
151 80.3 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 11.904 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

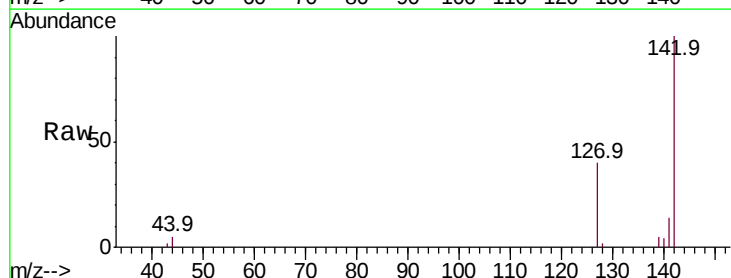
Tgt Ion:142 Resp: 28271

Ion Ratio Lower Upper

142 100

127 41.3 35.0 52.6

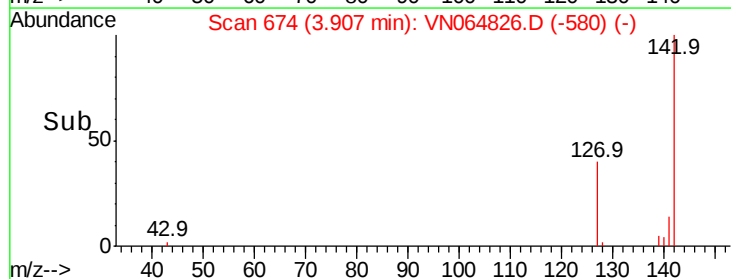
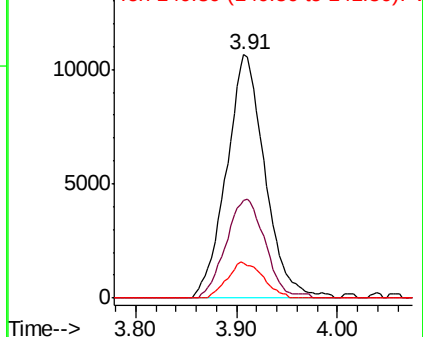
141 13.8 11.8 17.6

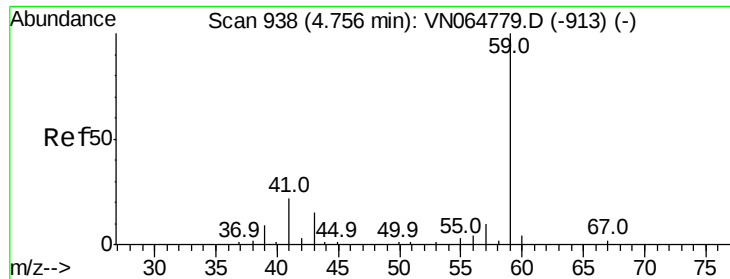


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

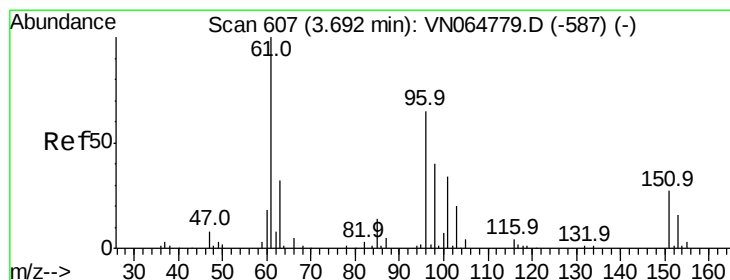
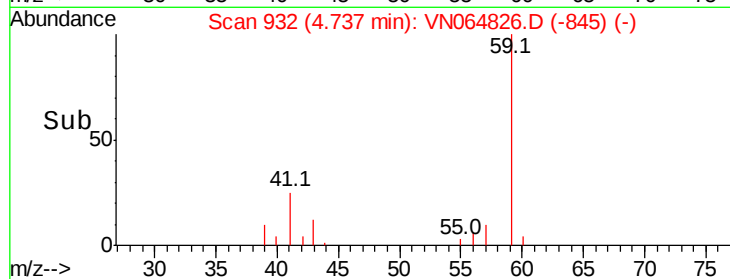
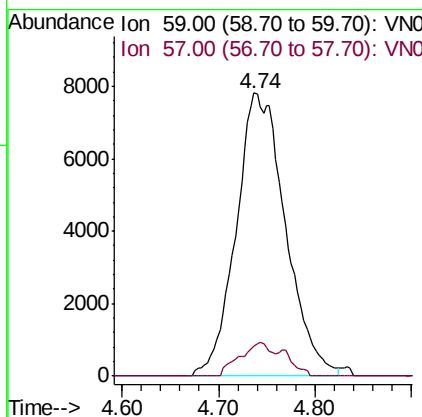
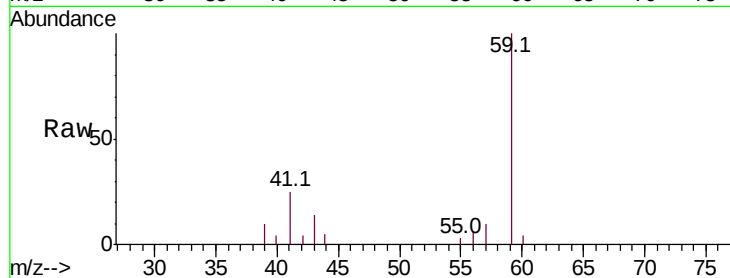




#11
Tert butyl alcohol
Concen: 81.126 ug/l
RT: 4.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

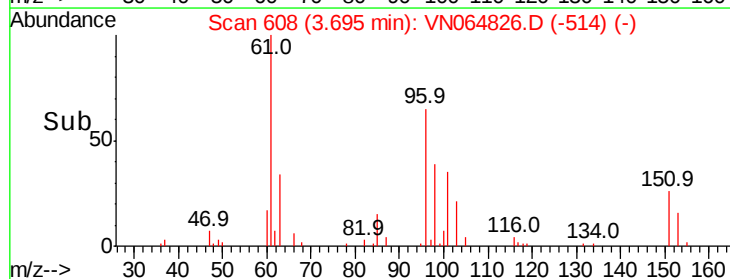
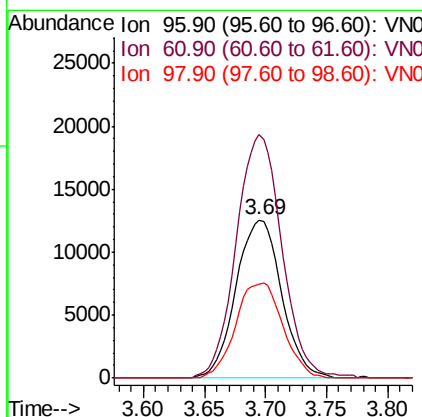
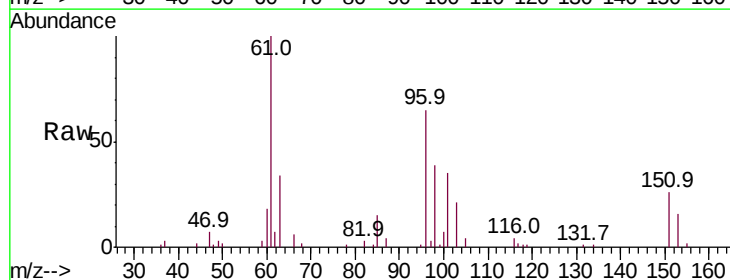
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

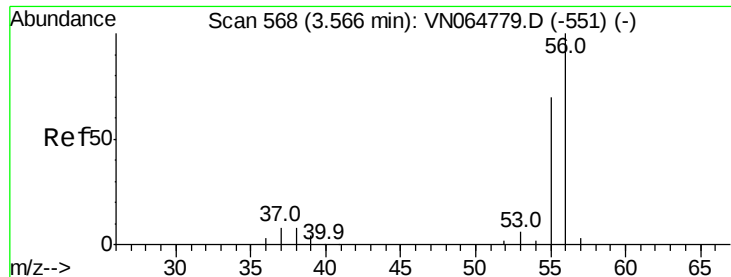
Tot Ion: 59 Resp: 27658
Ion Ratio Lower Upper
59 100
57 7.7 7.9 11.9#



#12
1,1-Dichloroethene
Concen: 17.840 ug/l
RT: 3.69 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 96 Resp: 32530
Ion Ratio Lower Upper
96 100
61 154.0 123.4 185.2
98 59.5 49.8 74.8





#13

Acrolein

Concen: 65.697 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

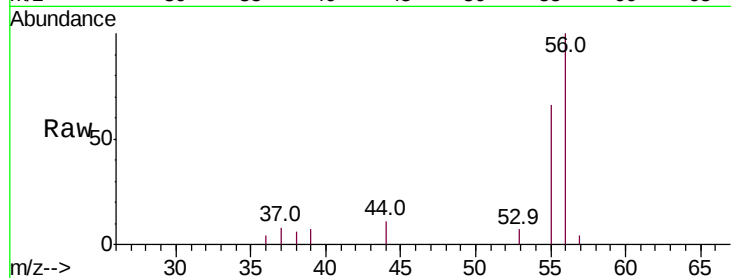
VN1124WBS02

Tot Ion: 56 Resp: 13681

Ion Ratio Lower Upper

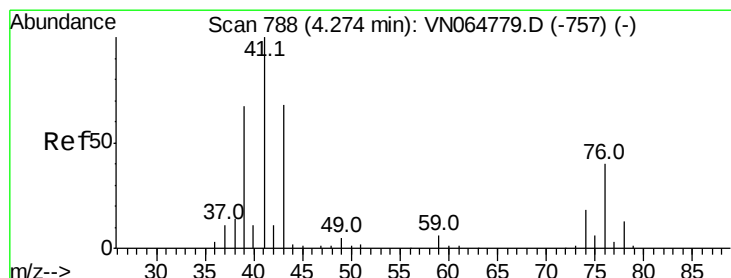
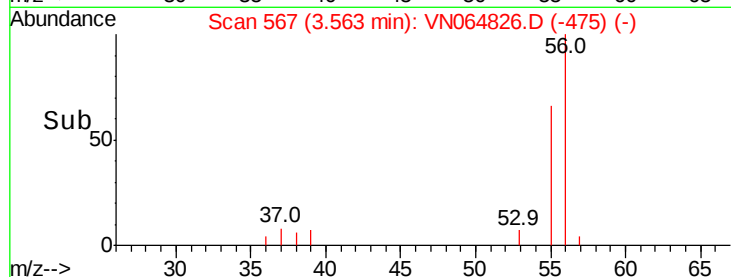
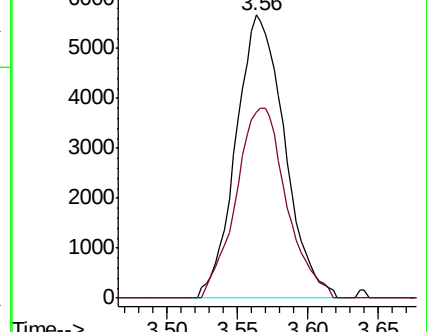
56 100

55 69.9 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN064779.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN064779.D (-551) (-)



#14

Allyl chloride

Concen: 17.245 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

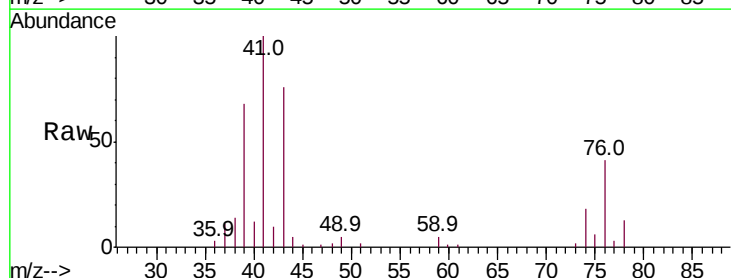
Tgt Ion: 41 Resp: 51864

Ion Ratio Lower Upper

41 100

39 63.3 50.9 76.3

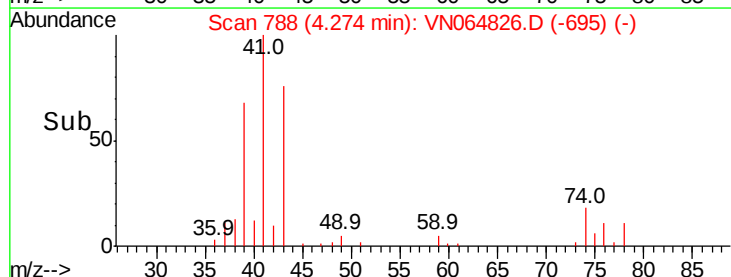
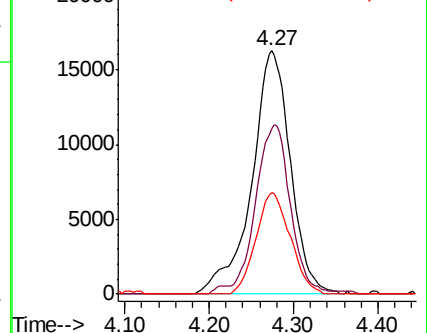
76 36.8 29.0 43.4

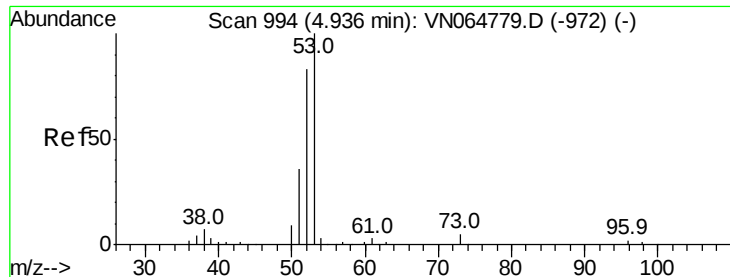


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN064779.D (-757) (-)





#15

Acrylonitrile

Concen: 88.362 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

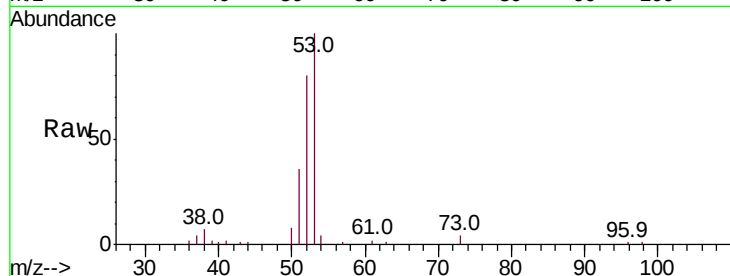
Tot Ion: 53 Resp: 83221

Ion Ratio Lower Upper

53 100

52 82.1 65.5 98.3

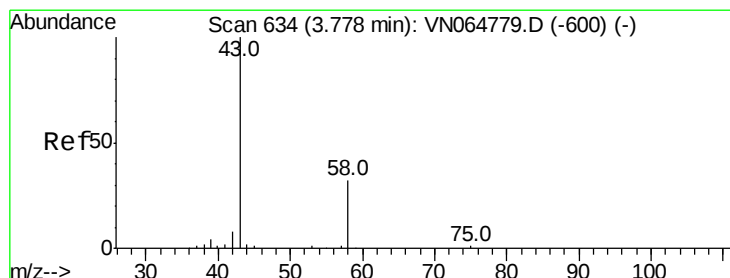
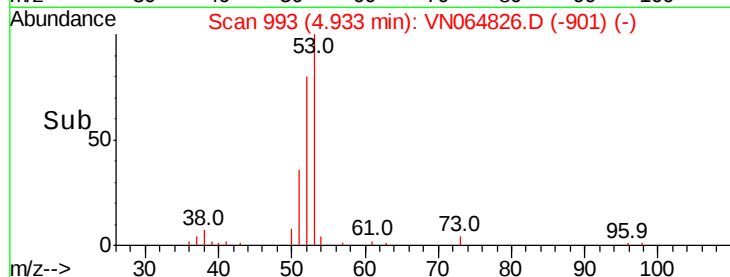
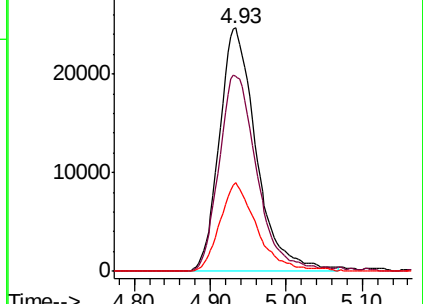
51 36.3 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064826.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN064826.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN064826.D (-901) (-)



#16

Acetone

Concen: 91.965 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064826.D

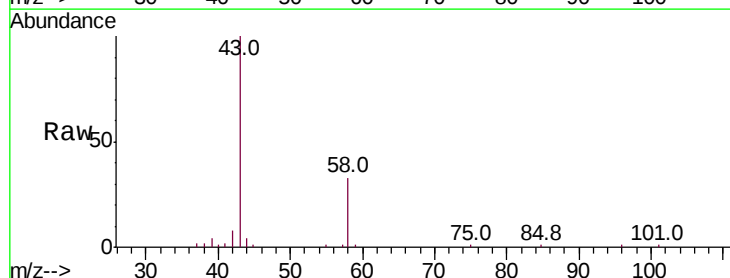
Acq: 24 Nov 2020 22:17

Tgt Ion: 43 Resp: 66089

Ion Ratio Lower Upper

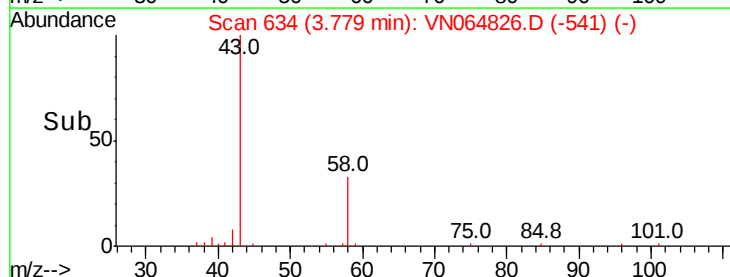
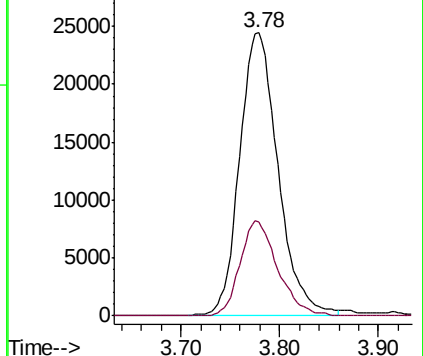
43 100

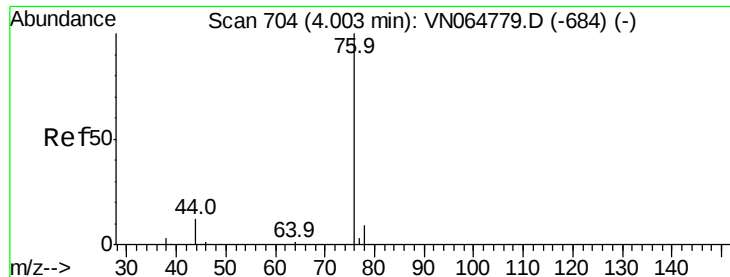
58 33.2 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064826.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064826.D (-541) (-)

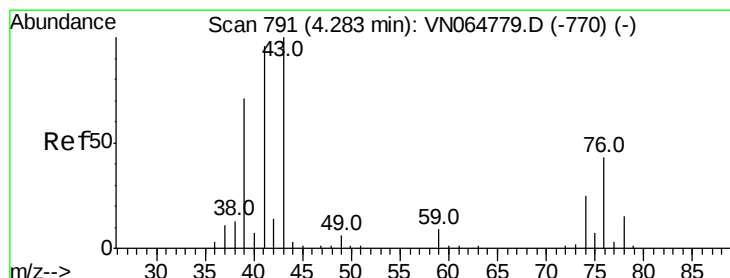
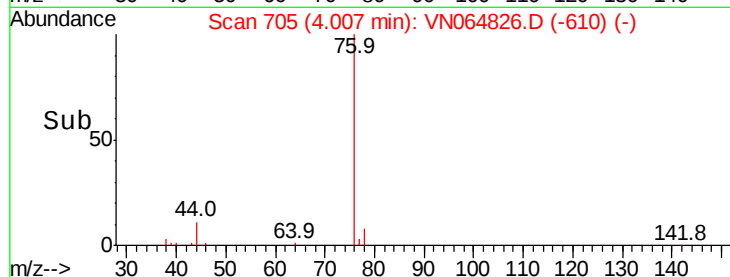
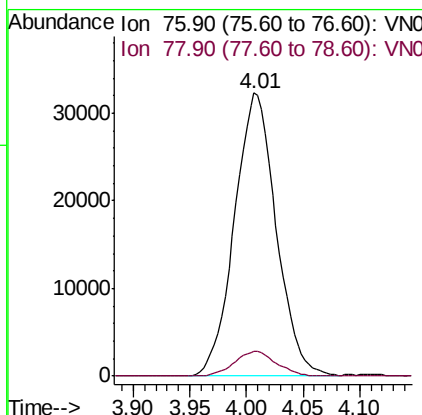
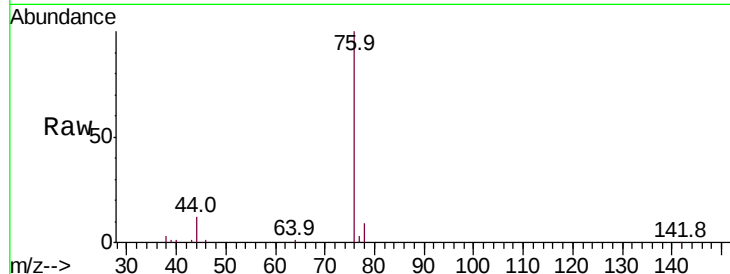




#17
Carbon Disulfide
Concen: 17.611 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

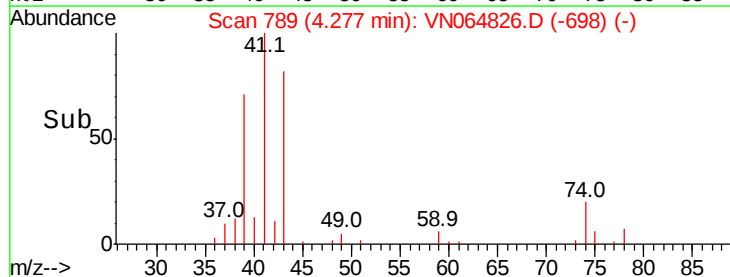
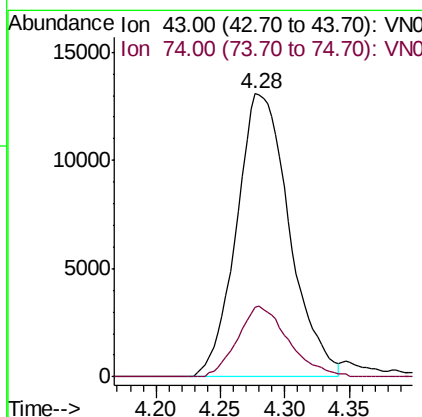
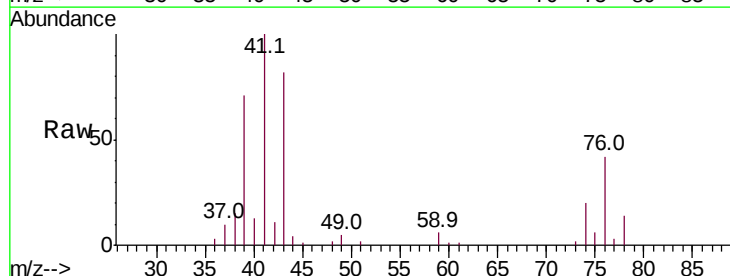
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

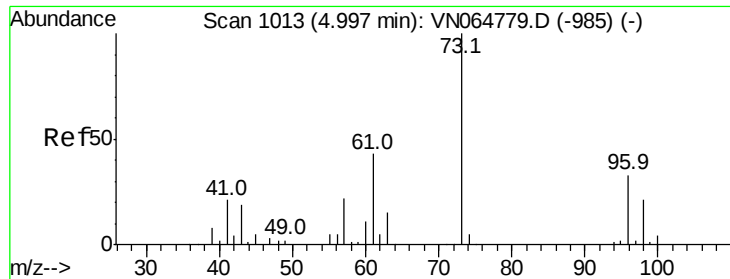
Tot Ion: 76 Resp: 82900
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 17.275 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 43 Resp: 37325
Ion Ratio Lower Upper
43 100
74 24.0 20.2 30.2

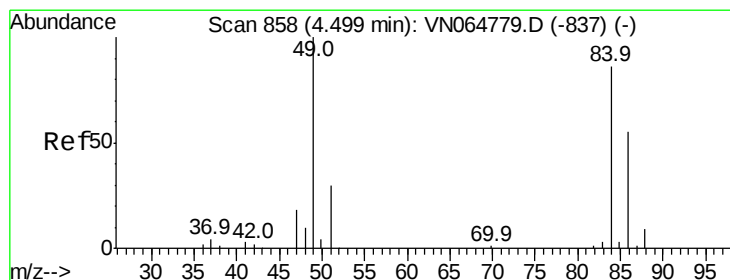
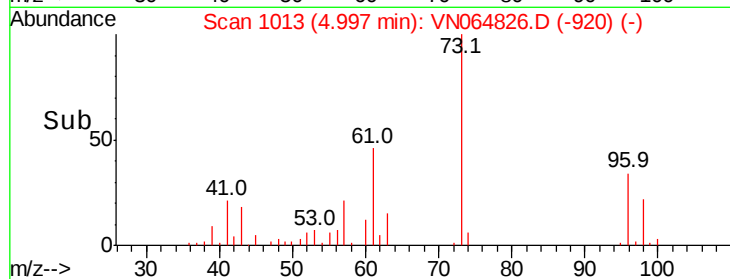
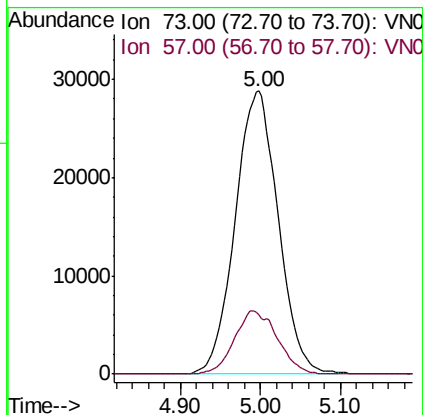
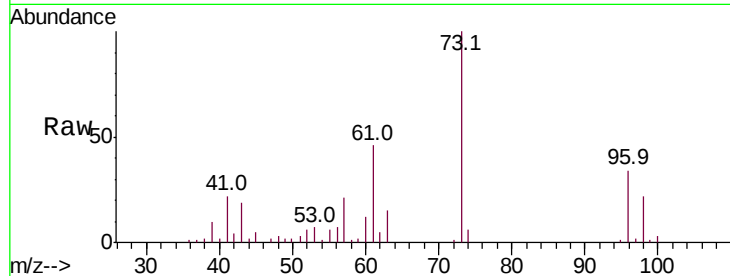




#19
Methvl tert-butvl Ether
Concen: 18.020 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

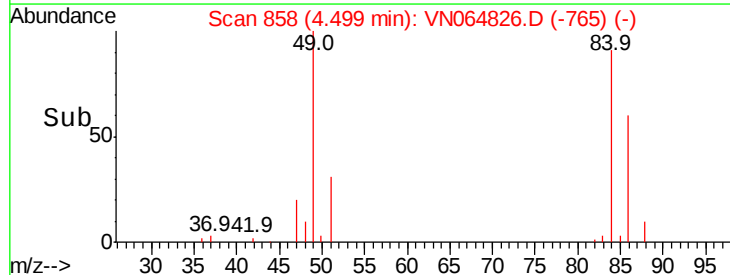
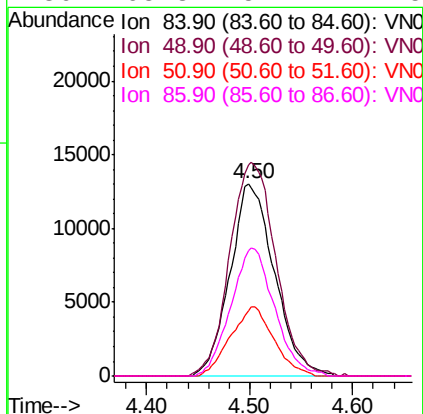
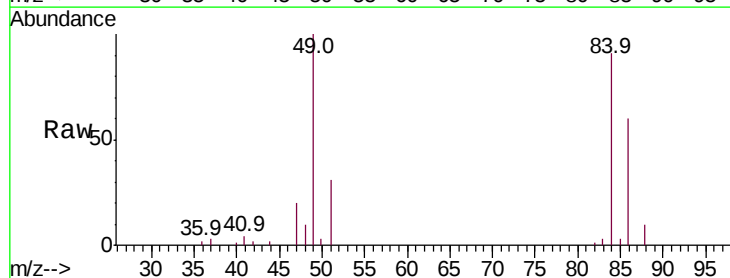
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

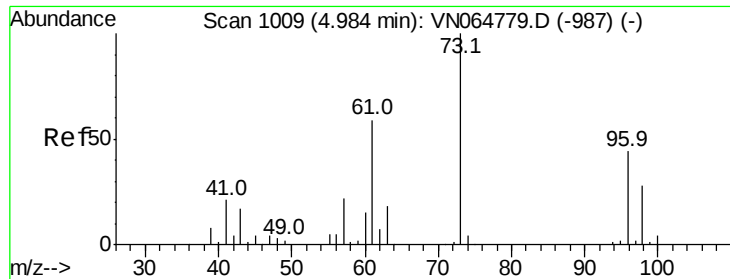
Tot Ion: 73 Resp: 105382
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.0



#20
Methylene Chloride
Concen: 17.338 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 84 Resp: 39044
Ion Ratio Lower Upper
84 100
49 109.5 93.4 140.0
51 33.7 28.2 42.4
86 65.3 51.7 77.5

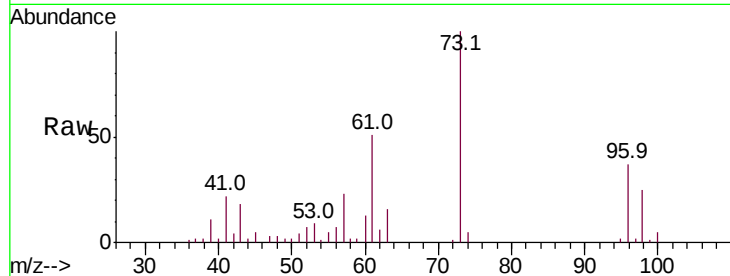




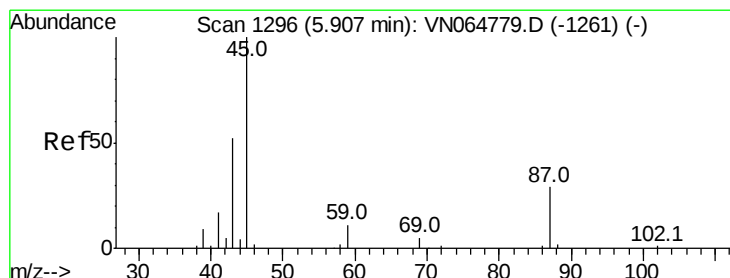
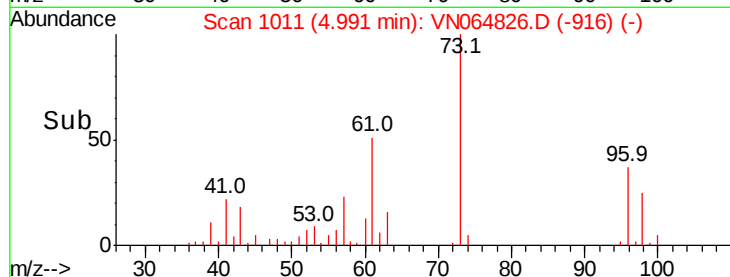
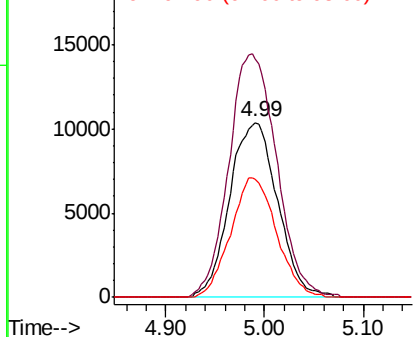
#21
trans-1,2-Dichloroethene
Concen: 17.268 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion: 96 Resp: 34966
Ion Ratio Lower Upper
96 100
61 136.9 108.4 162.6
98 67.7 51.3 76.9

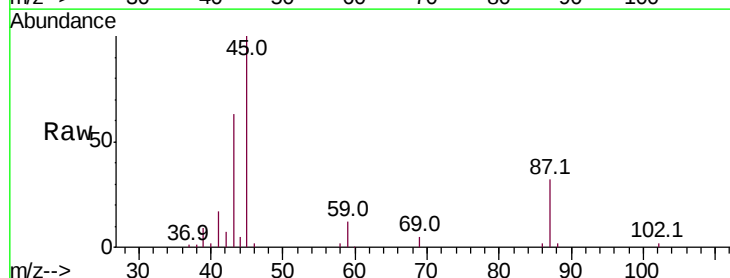


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

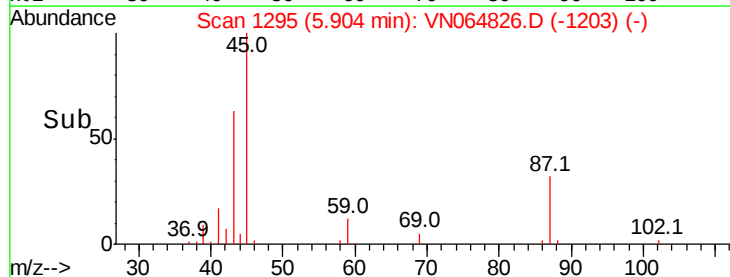
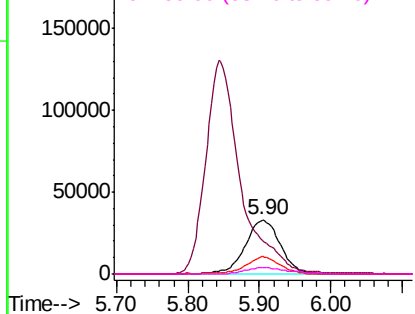


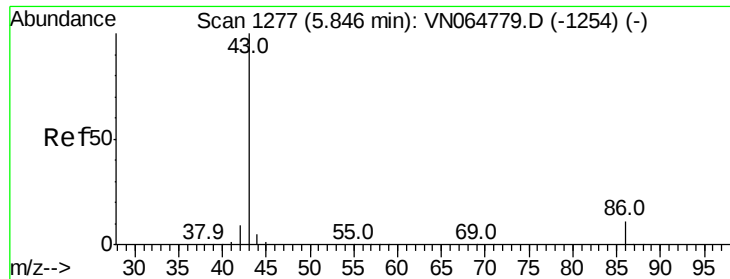
#22
Diisopropyl ether
Concen: 18.806 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 45 Resp: 113206
Ion Ratio Lower Upper
45 100
43 60.8 46.2 69.2
87 32.5 24.1 36.1
59 12.5 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 91.949 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampled :

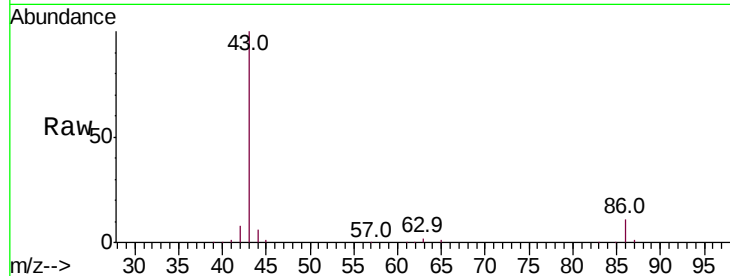
VN1124WBS02

Tot Ion: 43 Resp: 442623

Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

150000

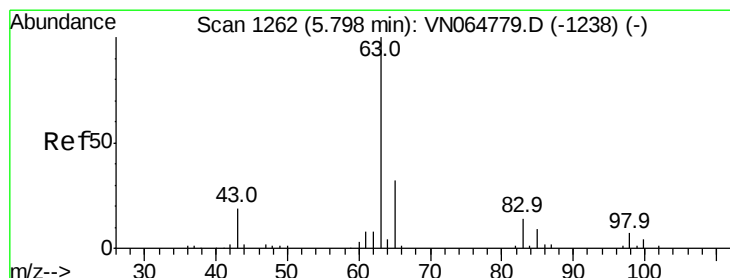
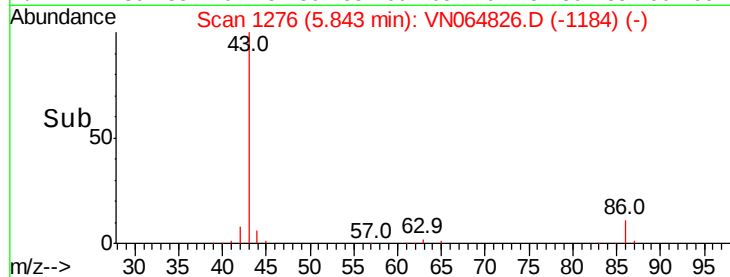
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.637 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

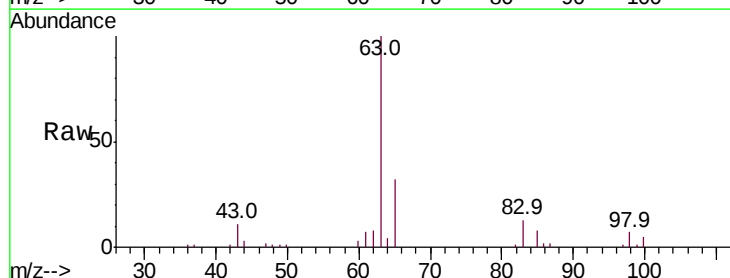
Tgt Ion: 63 Resp: 67046

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.6 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

25000

20000

15000

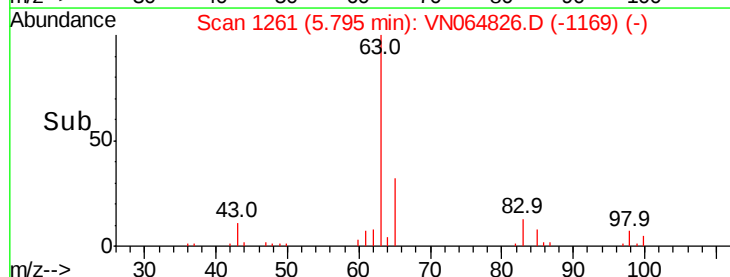
10000

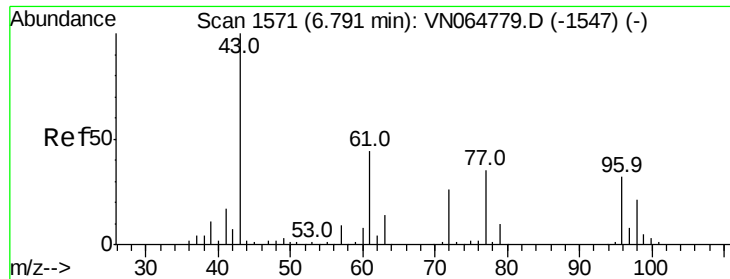
5000

0

5.70 5.80 5.90

Time-->

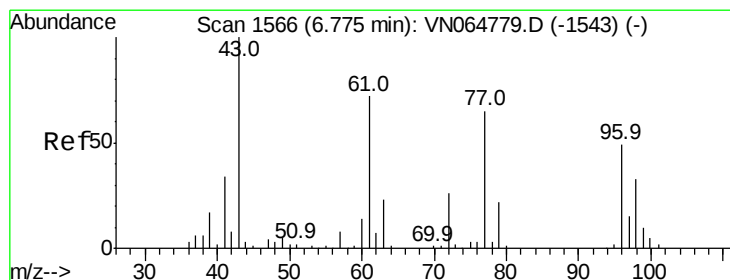
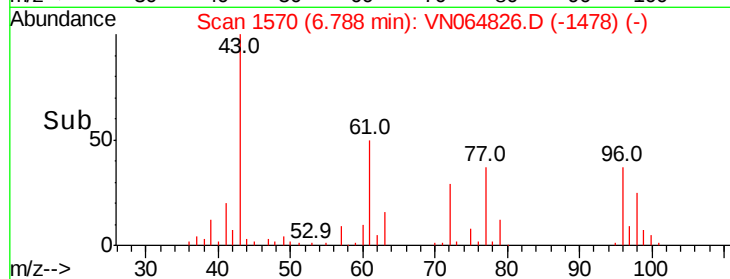
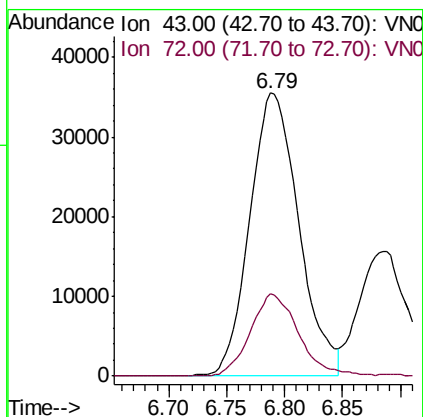
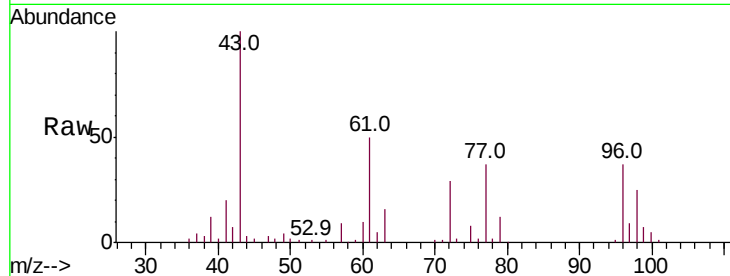




#25
2-Butanone
Concen: 89.846 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

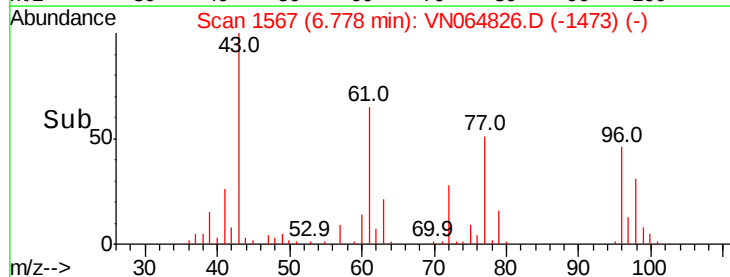
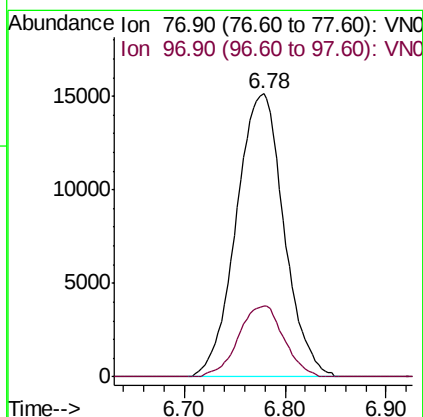
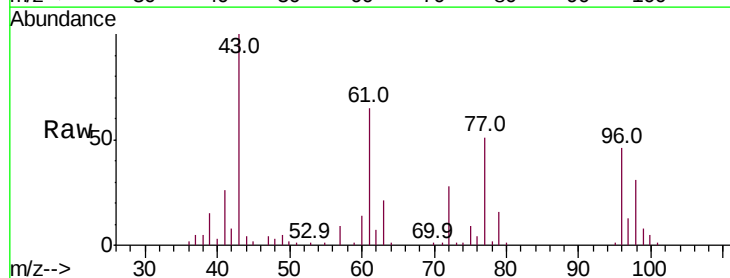
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

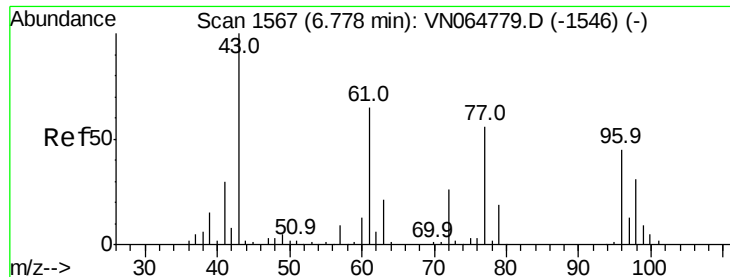
Tot Ion: 43 Resp: 104665
Ion Ratio Lower Upper
43 100
72 29.1 21.0 31.6



#26
2,2-Dichloropropane
Concen: 15.892 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 77 Resp: 49585
Ion Ratio Lower Upper
77 100
97 23.9 11.7 35.0

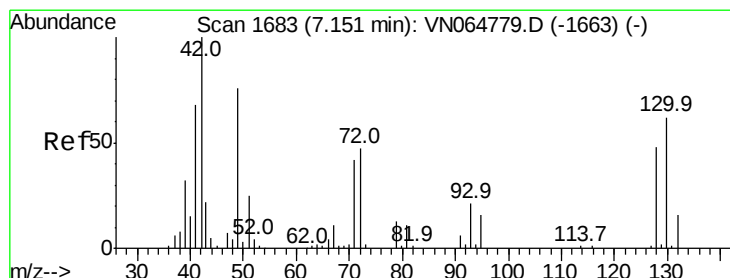
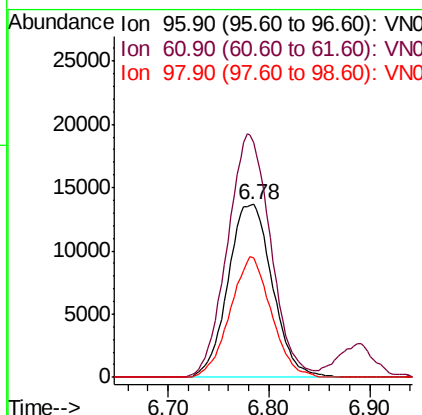
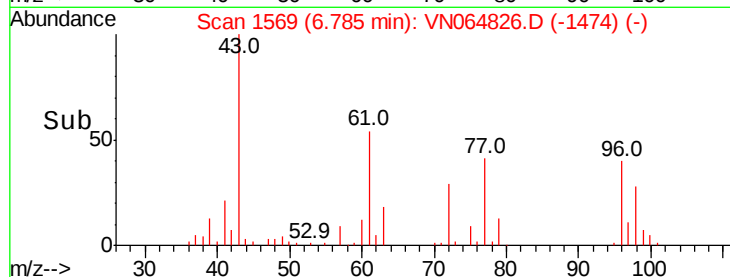
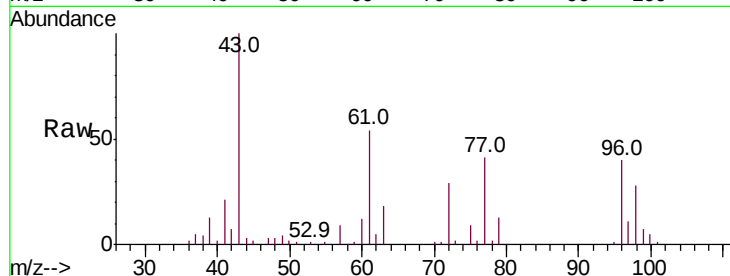




#27
 cis-1,2-Dichloroethene
 Concen: 18.335 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

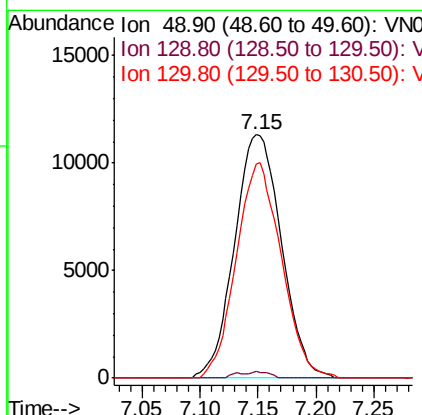
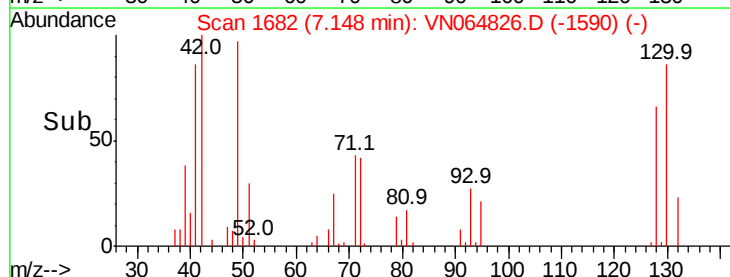
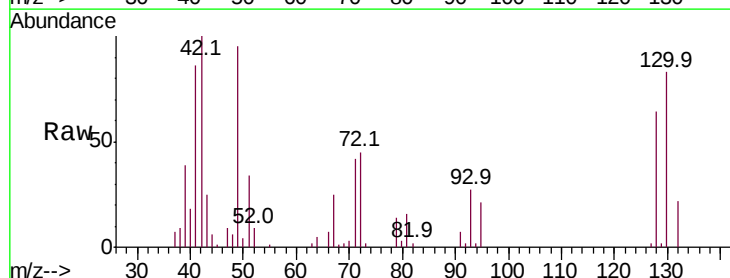
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

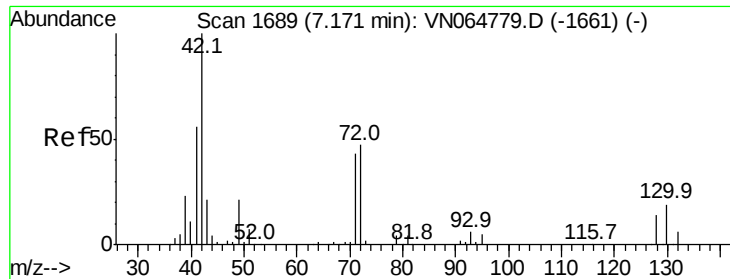
Tot Ion: 96 Resp: 41777
 Ion Ratio Lower Upper
 96 100
 61 136.8 0.0 285.8
 98 64.5 0.0 130.6



#28
 Bromochloromethane
 Concen: 19.403 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion: 49 Resp: 31933
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.8
 130 84.9 66.2 99.2





#29

Tetrahydrofuran

Concen: 86.884 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

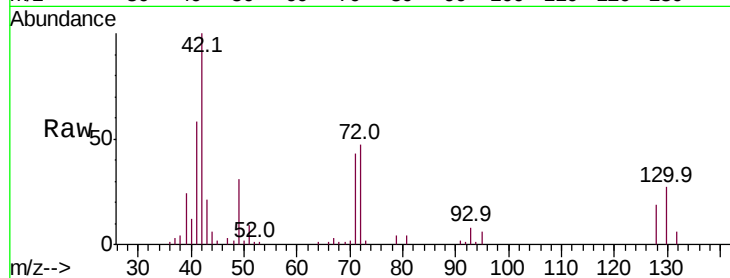
Tot Ion: 42 Resp: 69868

Ion Ratio Lower Upper

42 100

72 46.3 36.6 54.8

71 42.6 33.6 50.4

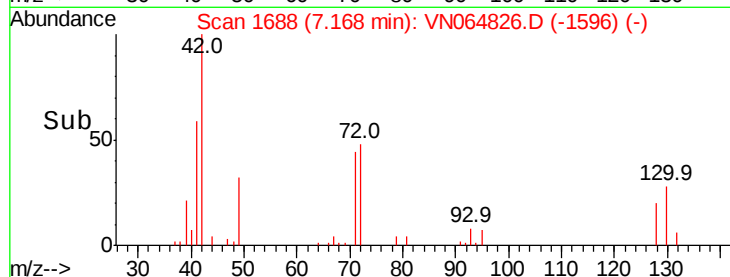


Abundance Ion 42.00 (41.70 to 42.70): VN064779.D (-1661) (-)

Ion 72.00 (71.70 to 72.70): VN064779.D (-1661) (-)

Ion 71.00 (70.70 to 71.70): VN064779.D (-1661) (-)

Time-->



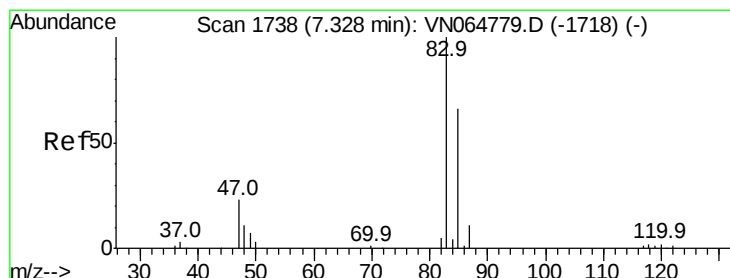
Abundance

Ion 42.00 (41.70 to 42.70): VN064826.D (-1596) (-)

Ion 72.00 (71.70 to 72.70): VN064826.D (-1596) (-)

Ion 71.00 (70.70 to 71.70): VN064826.D (-1596) (-)

Time-->



#30

Chloroform

Concen: 18.096 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064826.D

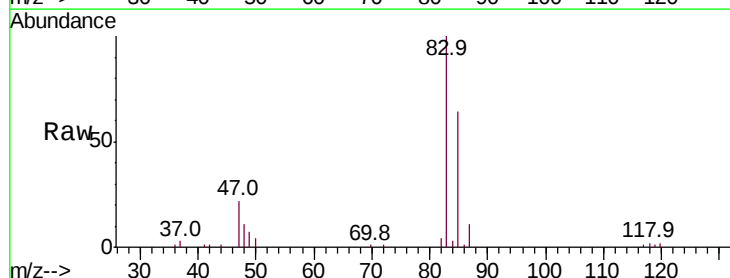
Acq: 24 Nov 2020 22:17

Tgt Ion: 83 Resp: 67137

Ion Ratio Lower Upper

83 100

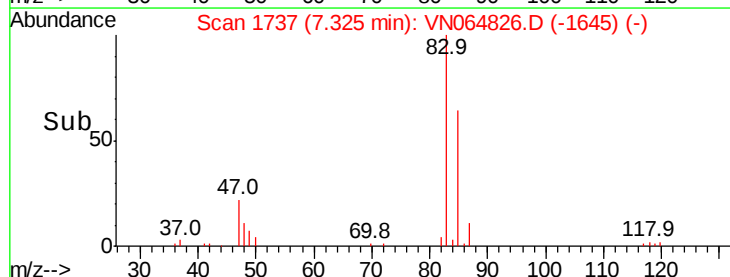
85 63.8 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-1718) (-)

Time-->

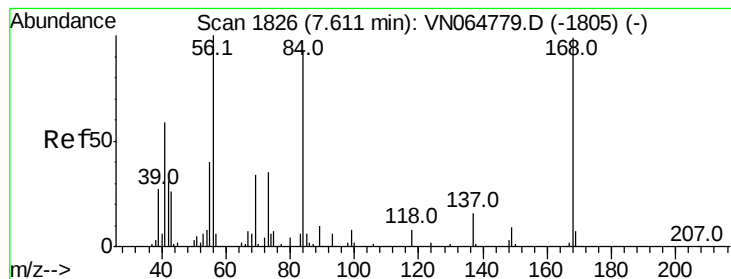


Abundance

Ion 82.90 (82.60 to 83.60): VN064826.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN064826.D (-1645) (-)

Time-->



#31

Cyclohexane

Concen: 17.642 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

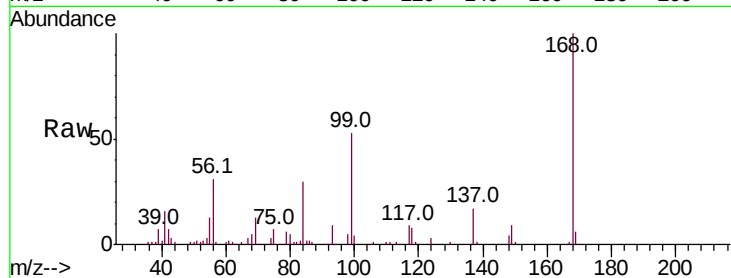
Tot Ion: 56 Resp: 53754

Ion Ratio Lower Upper

56 100

69 40.5 27.5 41.3

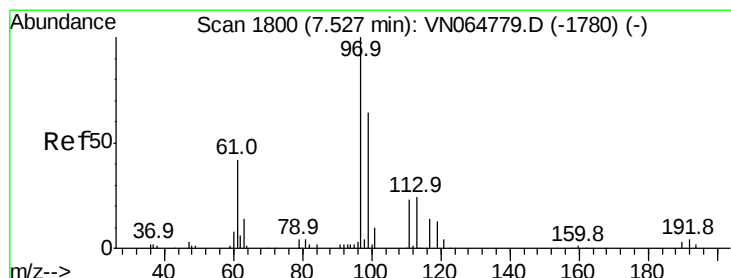
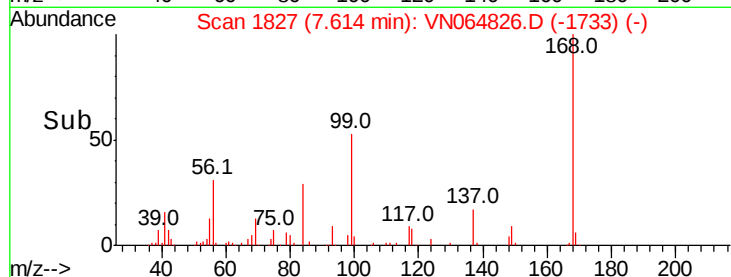
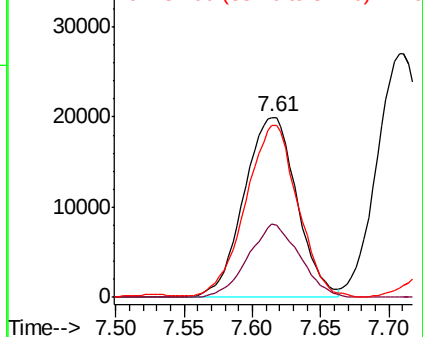
84 94.6 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.602 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

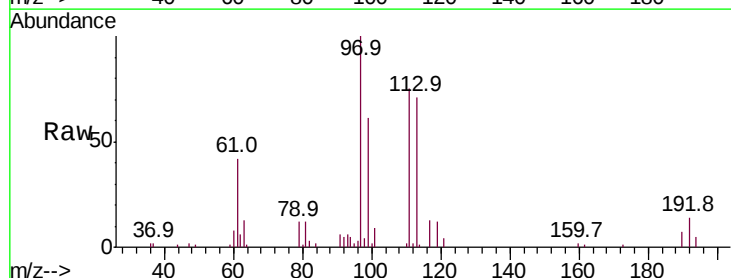
Tgt Ion: 97 Resp: 59273

Ion Ratio Lower Upper

97 100

99 63.0 51.7 77.5

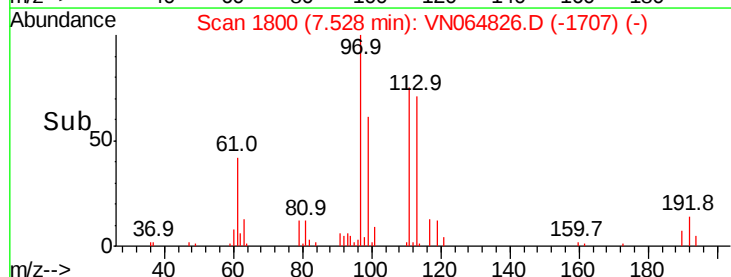
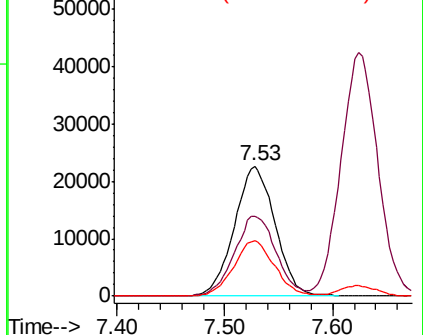
61 42.5 33.9 50.9

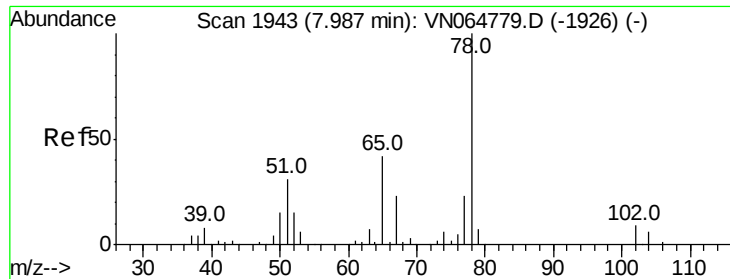


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

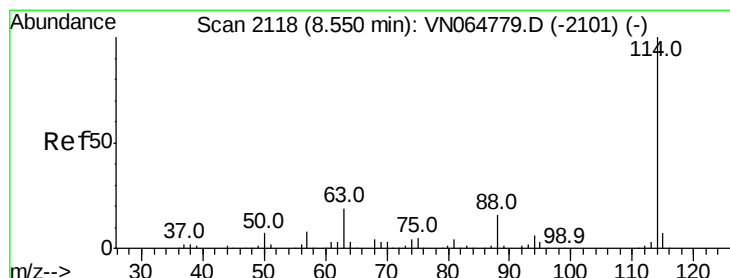
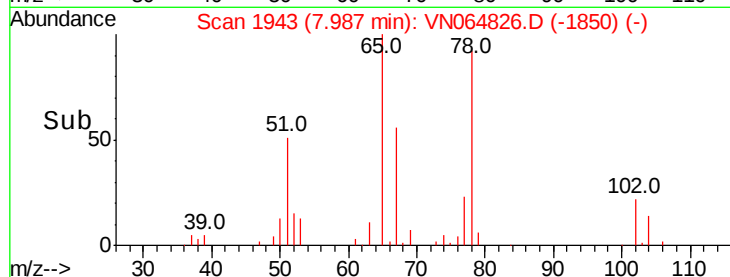
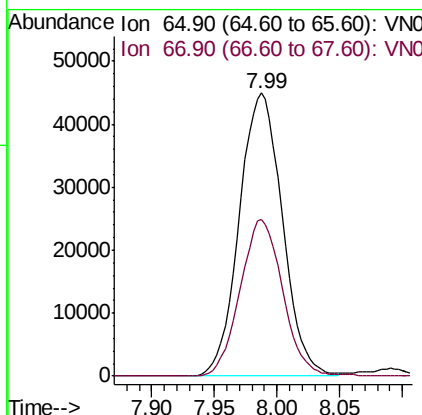
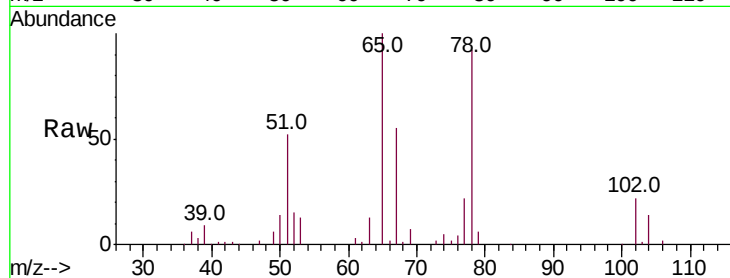




#33
 1,2-Dichloroethane-d4
 Concen: 49.141 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

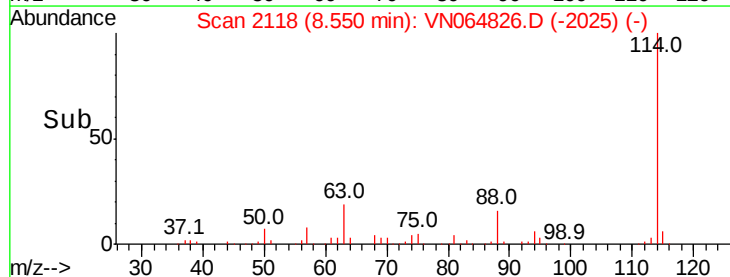
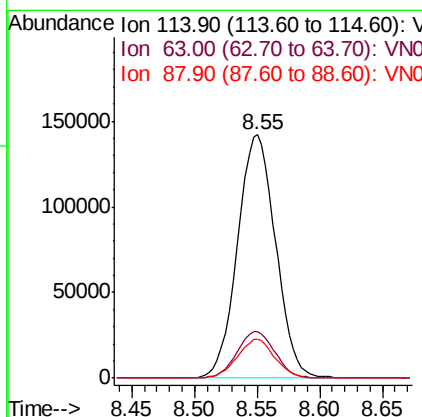
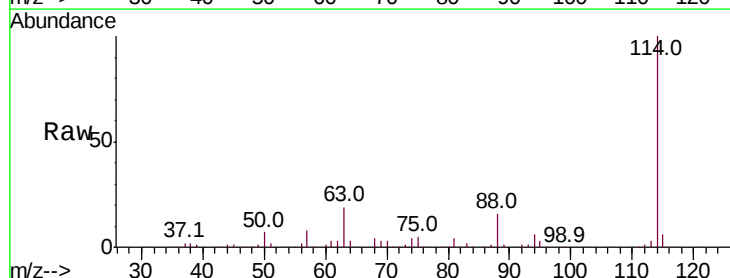
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

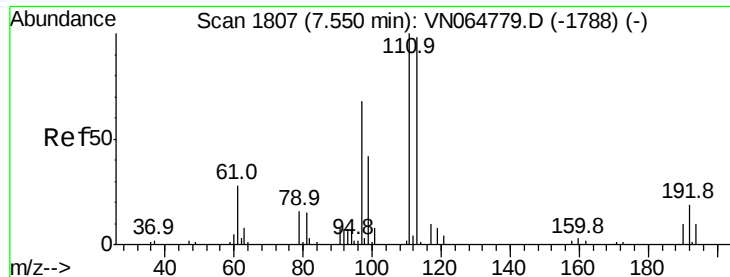
Tot Ion: 65 Resp: 107427
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion: 114 Resp: 299649
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 16.0 0.0 32.6

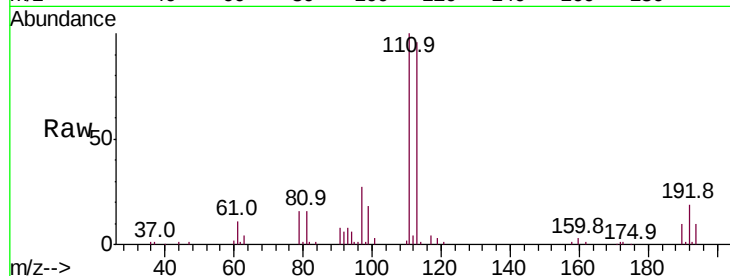




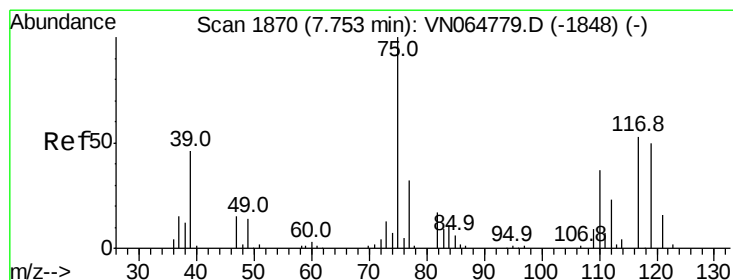
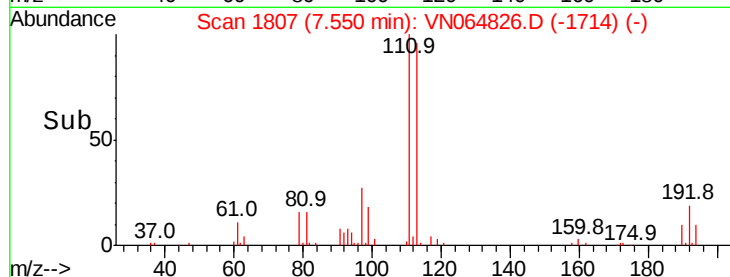
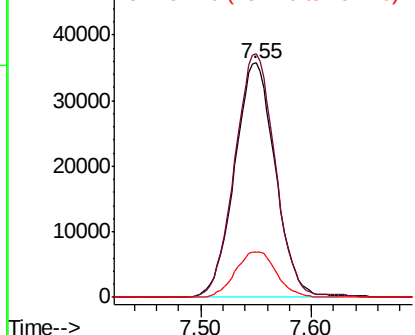
#35
 Dibromofluoromethane
 Concen: 50.970 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Tot Ion:113 Resp: 91389
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.6 122.4
 192 19.6 16.2 24.2

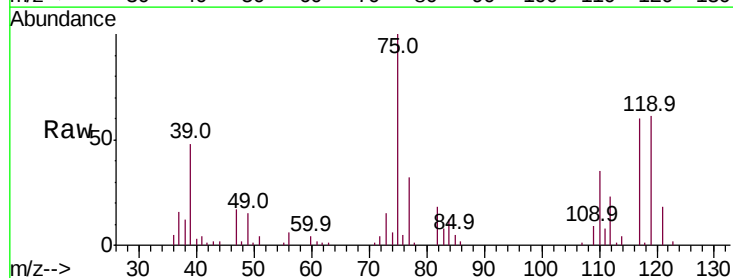


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

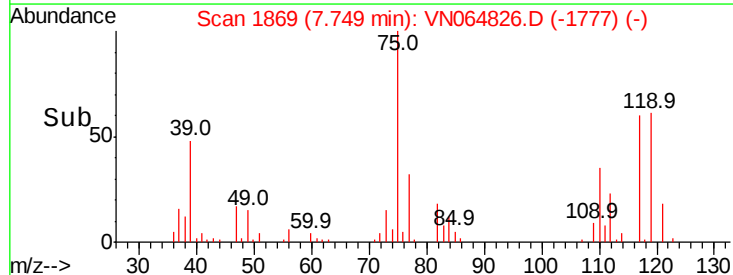
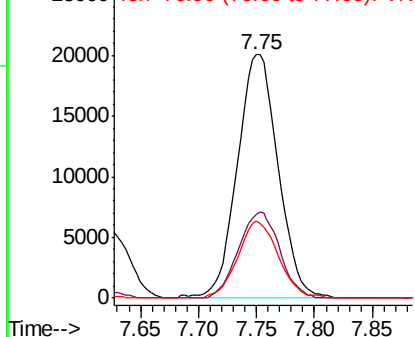


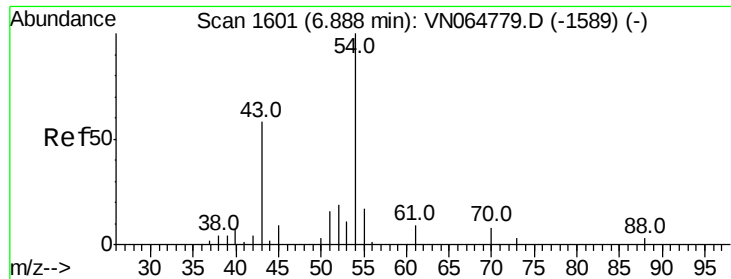
#36
 1,1-Dichloropropene
 Concen: 17.662 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion: 75 Resp: 49056
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.8 53.3
 77 31.3 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

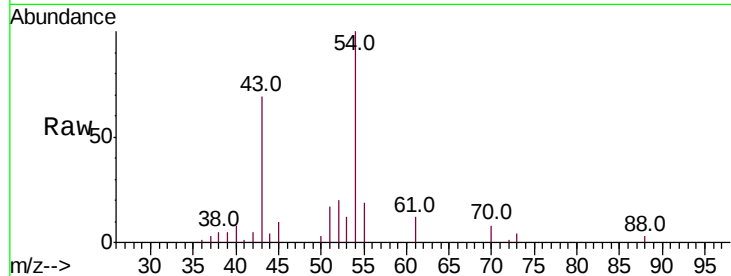




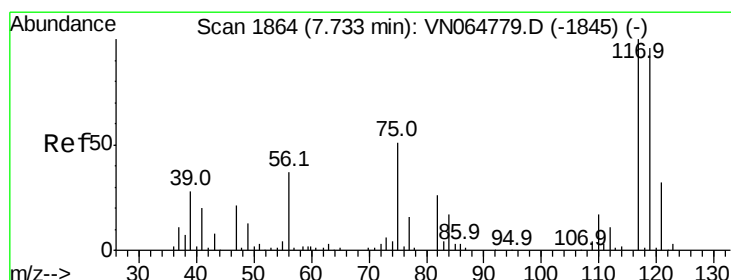
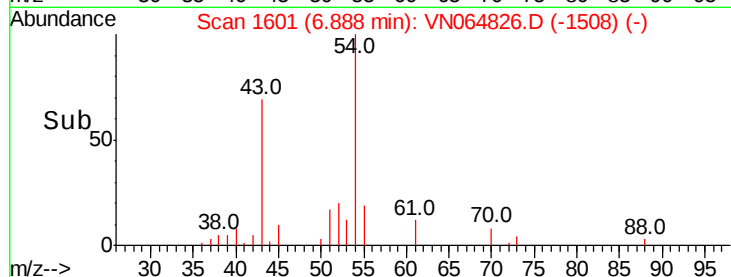
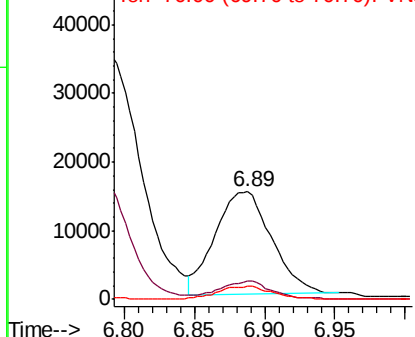
#37
Ethyl Acetate
Concen: 15.722 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion: 43 Resp: 42064
Ion Ratio Lower Upper
43 100
61 14.4 12.8 19.2
70 12.1 8.8 13.2

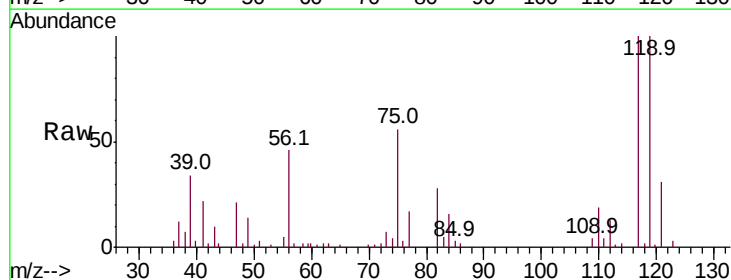


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

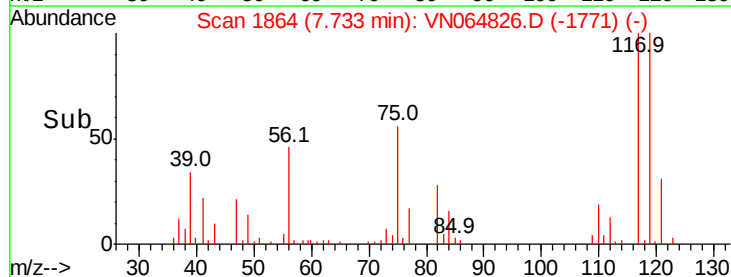
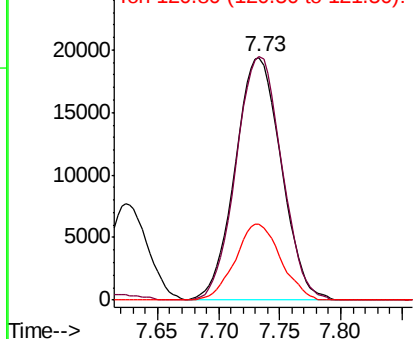


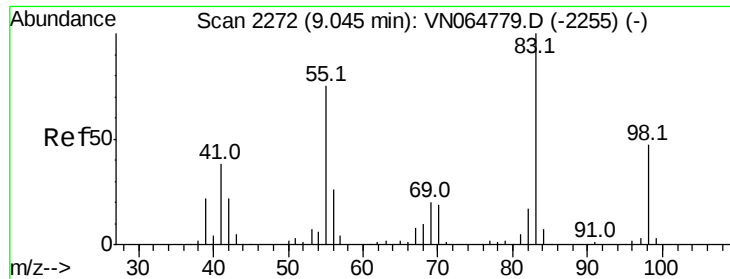
#38
Carbon Tetrachloride
Concen: 17.600 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 117 Resp: 50864
Ion Ratio Lower Upper
117 100
119 100.3 76.7 115.1
121 31.2 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

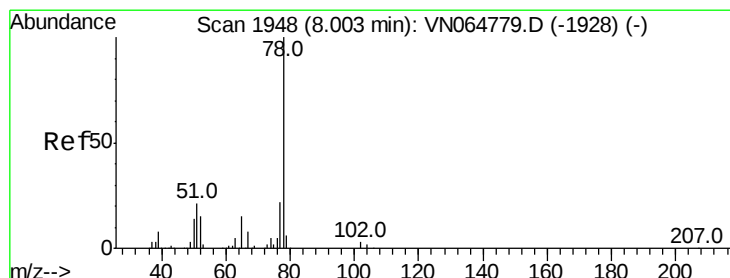
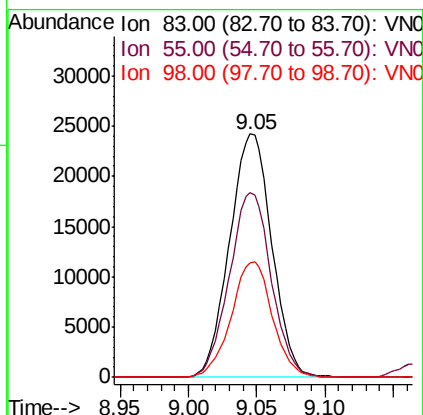
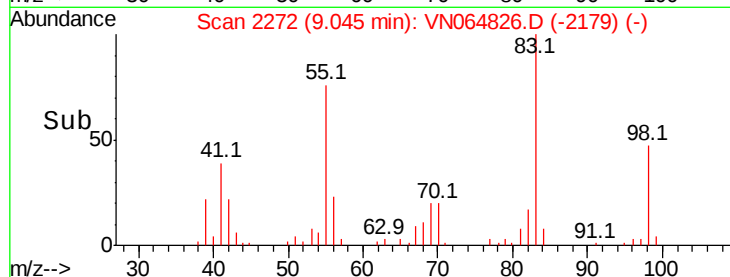
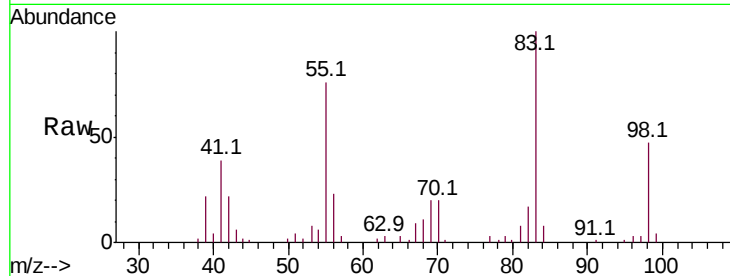




#39
Methvlcvclohexane
Concen: 17.426 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

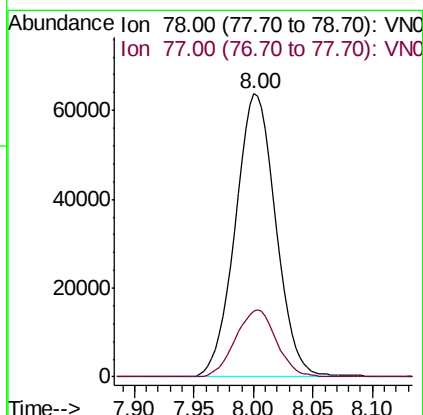
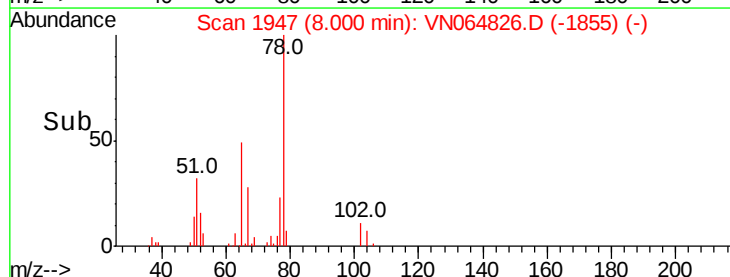
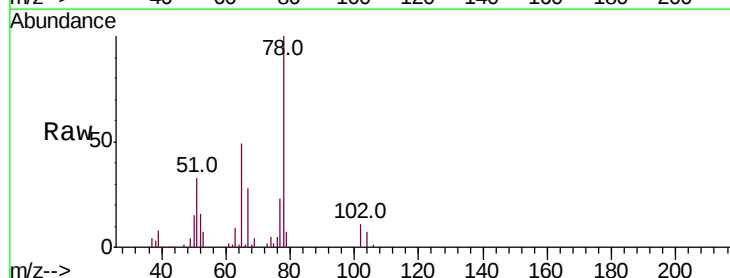
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

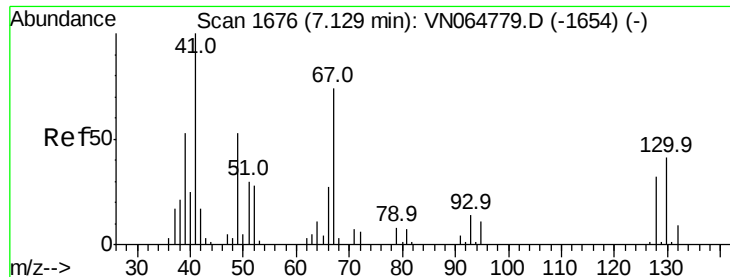
Tot Ion: 83 Resp: 52103
Ion Ratio Lower Upper
83 100
55 75.8 60.2 90.2
98 46.9 37.4 56.2



#40
Benzene
Concen: 17.654 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 78 Resp: 150257
Ion Ratio Lower Upper
78 100
77 23.0 17.9 26.9

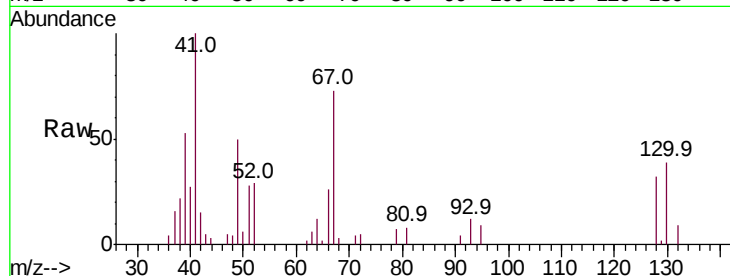




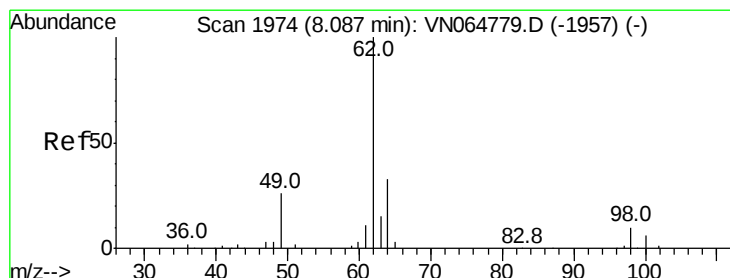
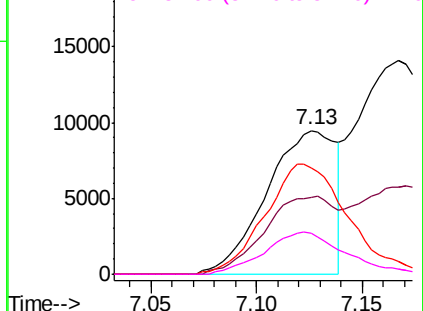
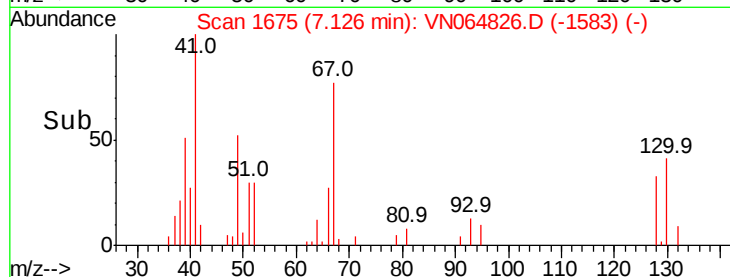
#41
Methacrylonitrile
Concen: 17.465 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion: 41 Resp: 21560
Ion Ratio Lower Upper
41 100
39 54.9 51.0 76.6
67 91.5 79.8 119.8
52 34.3 31.5 47.3

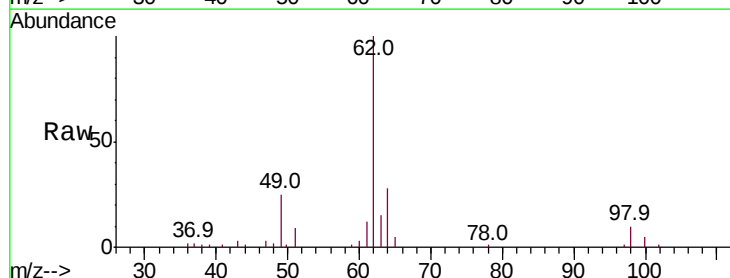


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

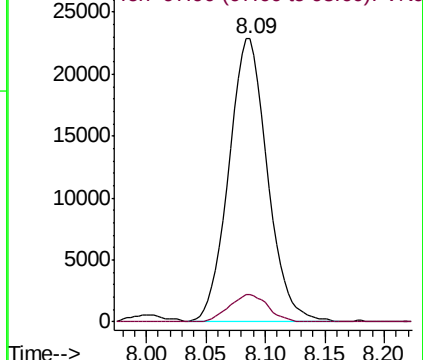
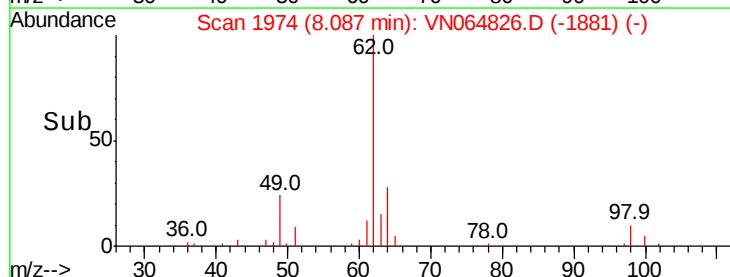


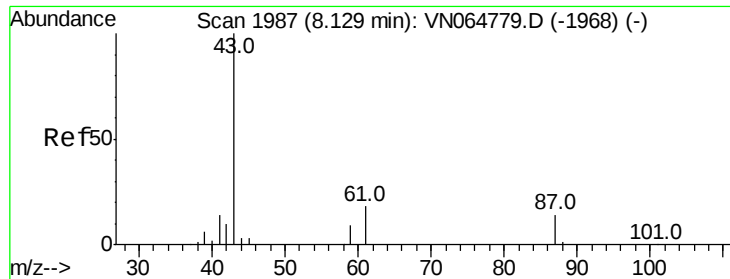
#42
1,2-Dichloroethane
Concen: 17.969 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 62 Resp: 51593
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 17.123 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

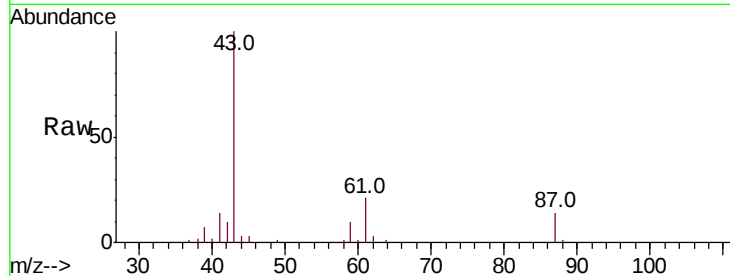
Tot Ion: 43 Resp: 73716

Ion Ratio Lower Upper

43 100

61 20.9 17.2 25.8

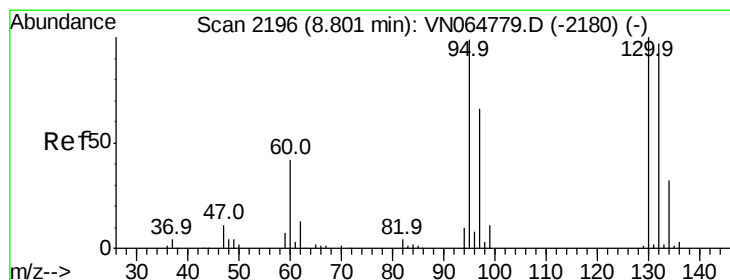
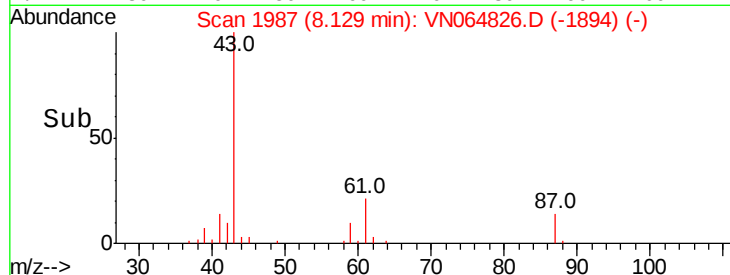
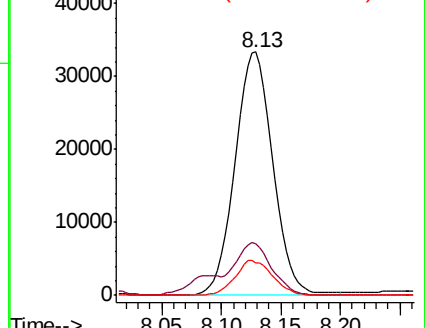
87 14.3 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



#44

Trichloroethene

Concen: 17.249 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064826.D

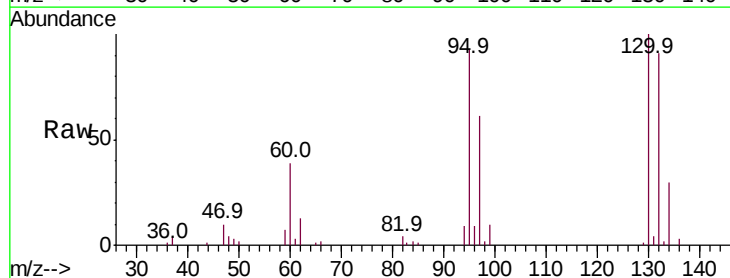
Acq: 24 Nov 2020 22:17

Tgt Ion:130 Resp: 43317

Ion Ratio Lower Upper

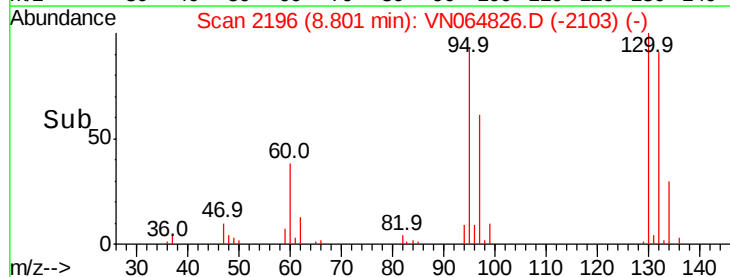
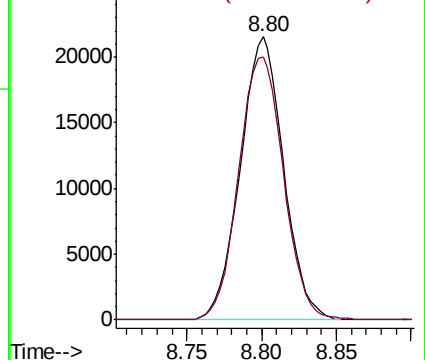
130 100

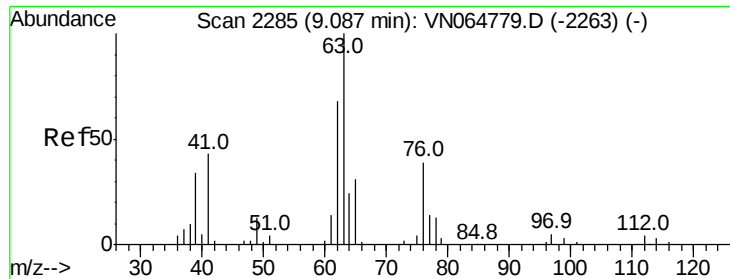
95 93.0 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064779.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064779.D (-2180) (-)

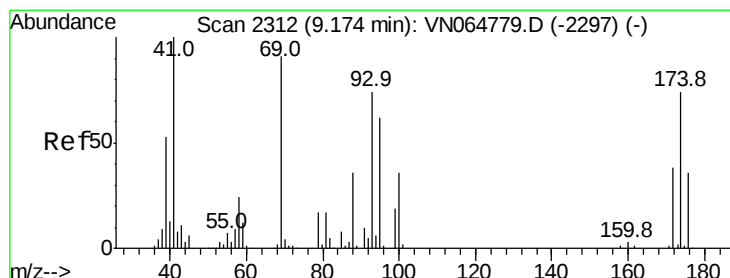
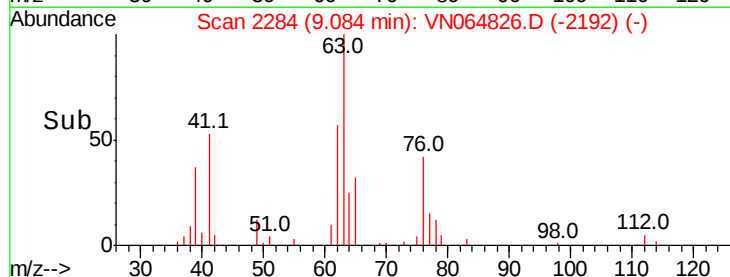
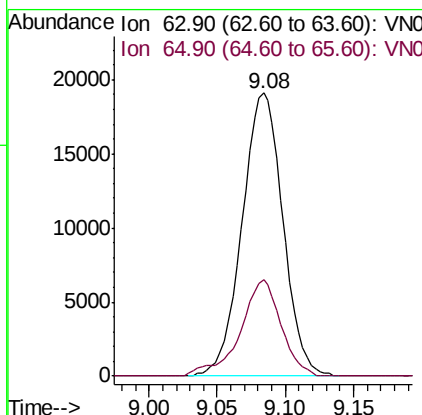
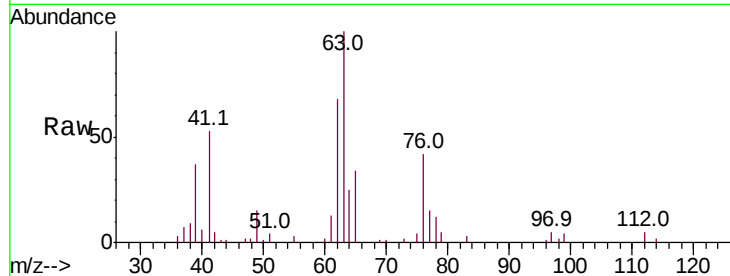




#45
 1,2-Dichloropropane
 Concen: 18.029 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

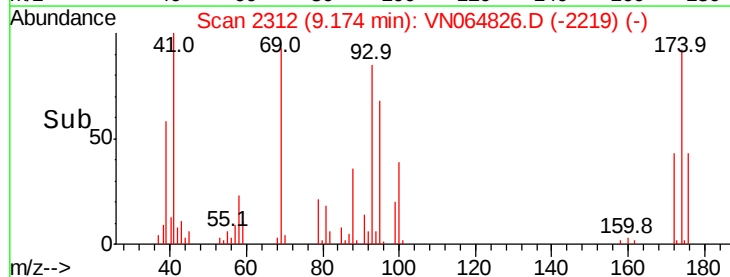
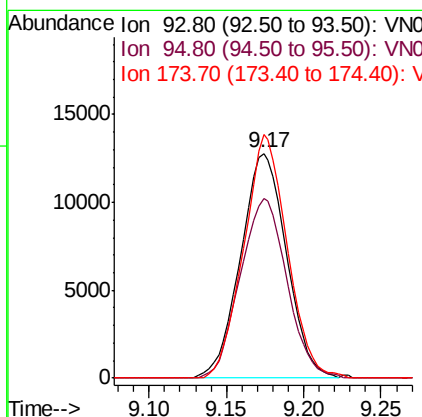
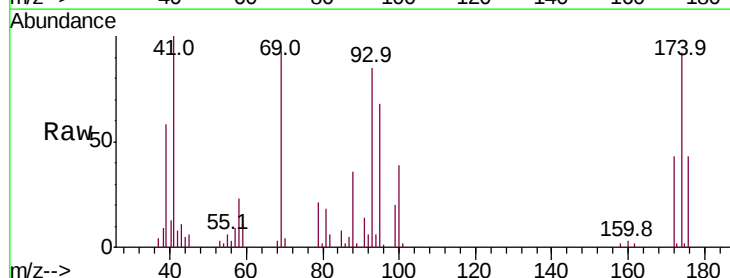
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

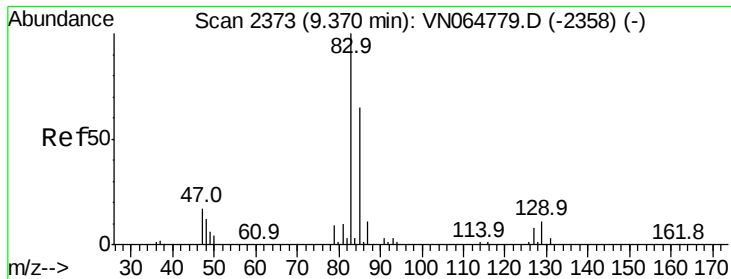
Tot Ion: 63 Resp: 39738
 Ion Ratio Lower Upper
 63 100
 65 33.9 25.0 37.4



#46
 Dibromomethane
 Concen: 17.925 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion: 93 Resp: 26394
 Ion Ratio Lower Upper
 93 100
 95 81.3 68.8 103.2
 174 102.7 83.1 124.7





#47

Bromodichloromethane

Concen: 17.899 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

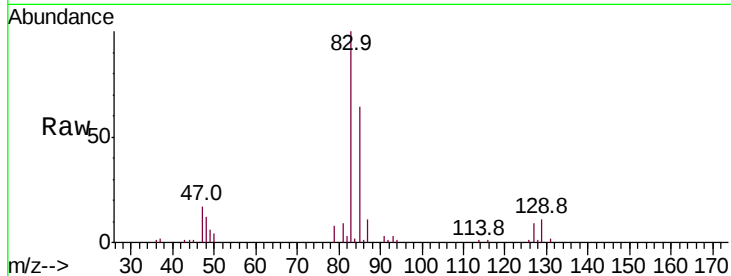
Tot Ion: 83 Resp: 53032

Ion Ratio Lower Upper

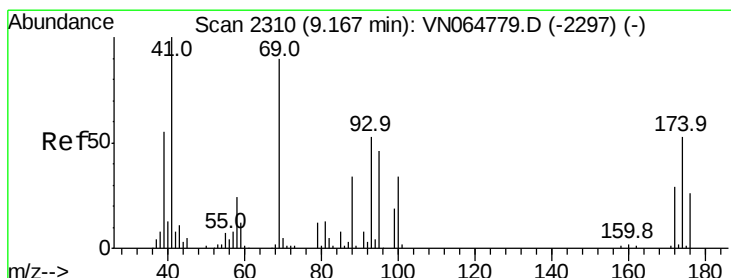
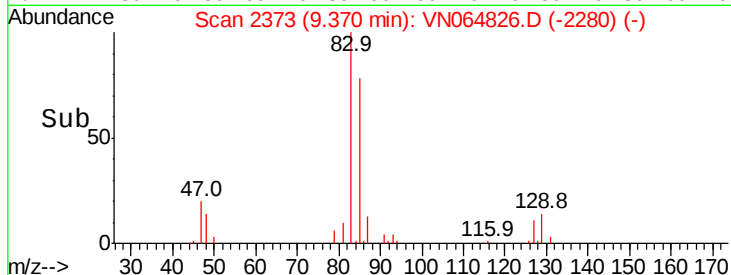
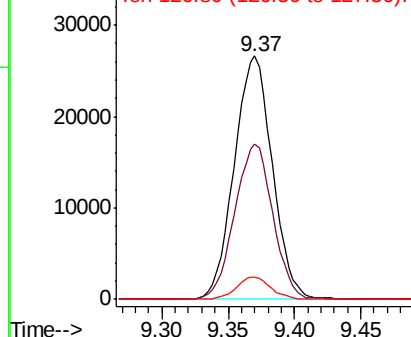
83 100

85 63.8 51.8 77.8

127 9.1 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.485 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

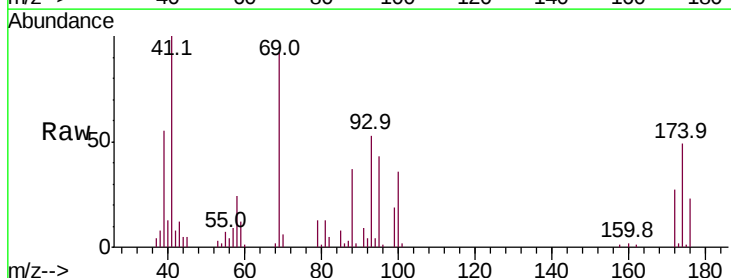
Tgt Ion: 41 Resp: 35969

Ion Ratio Lower Upper

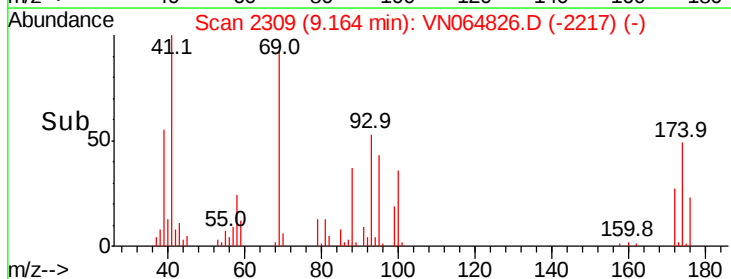
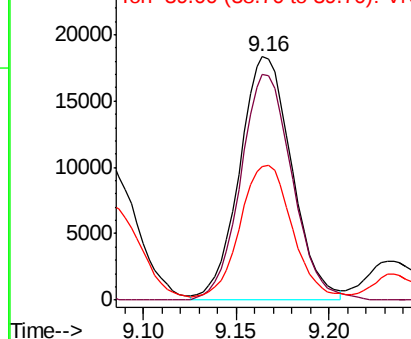
41 100

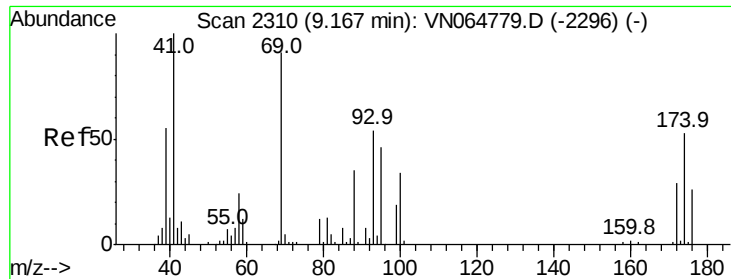
69 91.6 71.8 107.8

39 53.5 44.1 66.1



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

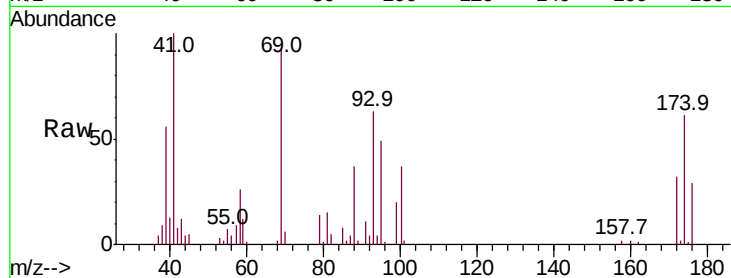




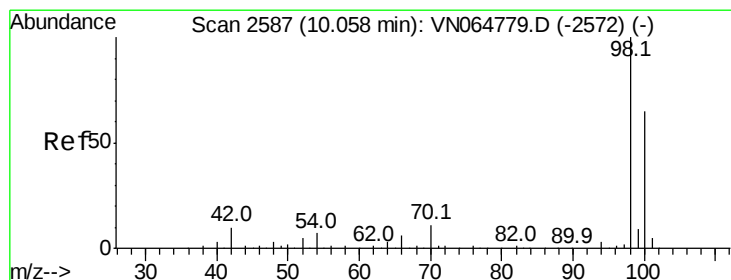
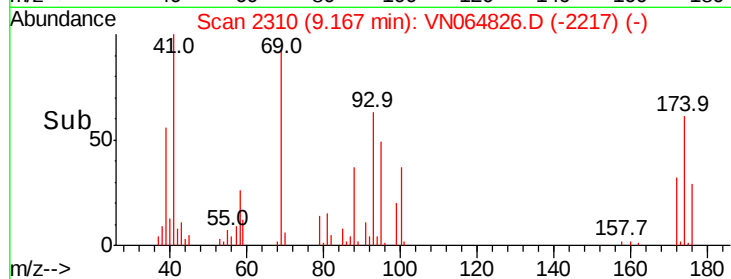
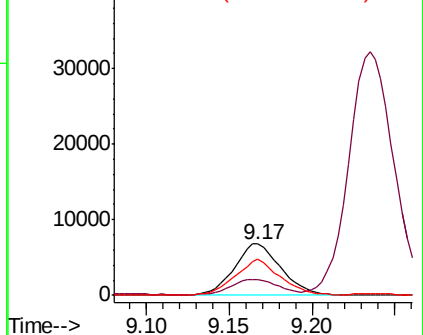
#49
 1,4-Dioxane
 Concen: 341.280 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Tot Ion: 88 Resp: 13269
 Ion Ratio Lower Upper
 88 100
 43 33.1 24.2 36.4
 58 67.3 52.5 78.7

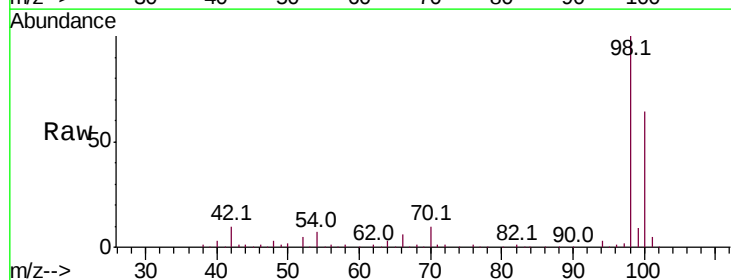


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

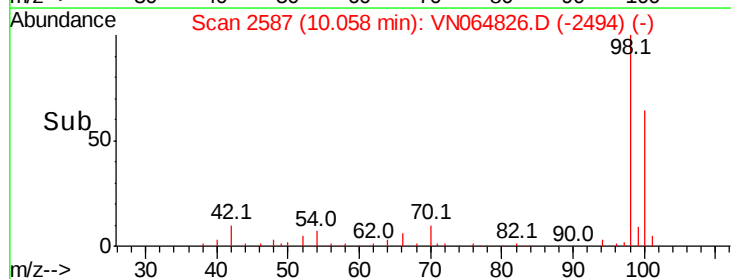
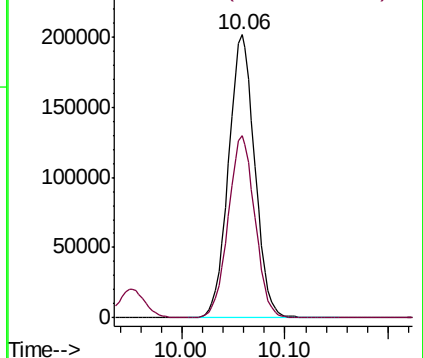


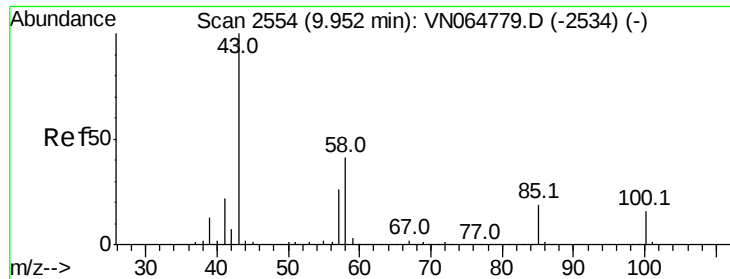
#50
 Toluene-d8
 Concen: 48.844 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion: 98 Resp: 357838
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 88.750 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampled :

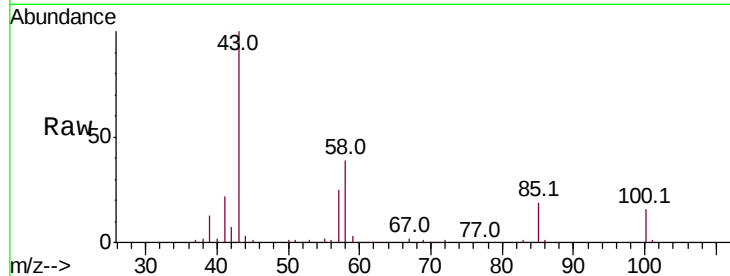
VN1124WBS02

Tot Ion: 43 Resp: 229378

Ion Ratio Lower Upper

43 100

58 40.1 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

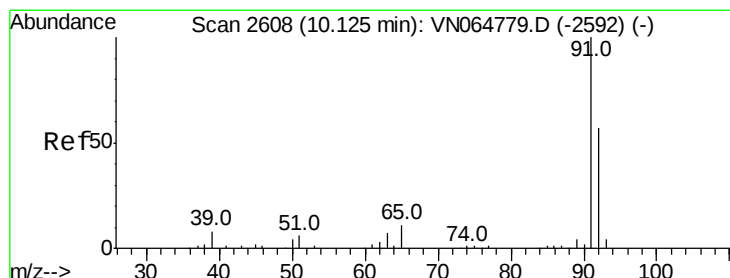
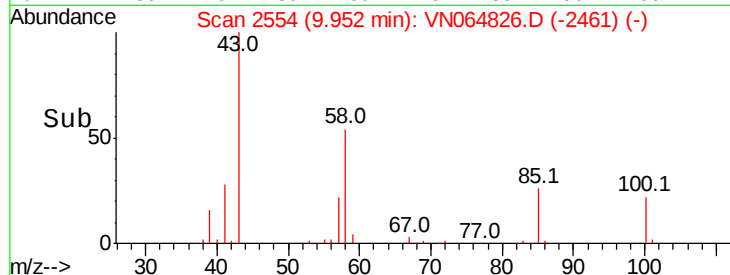
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.343 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064826.D

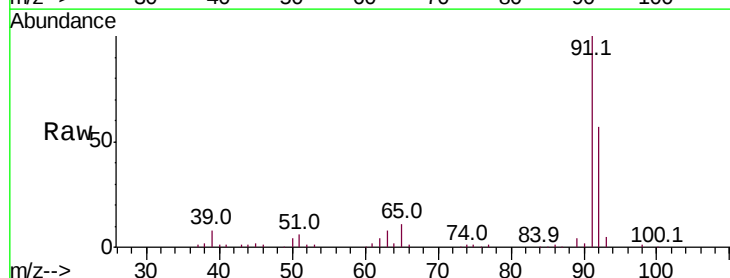
Acq: 24 Nov 2020 22:17

Tgt Ion: 92 Resp: 96144

Ion Ratio Lower Upper

92 100

91 171.7 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.12

100000

80000

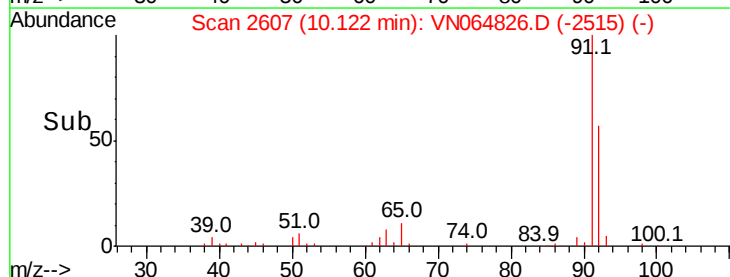
60000

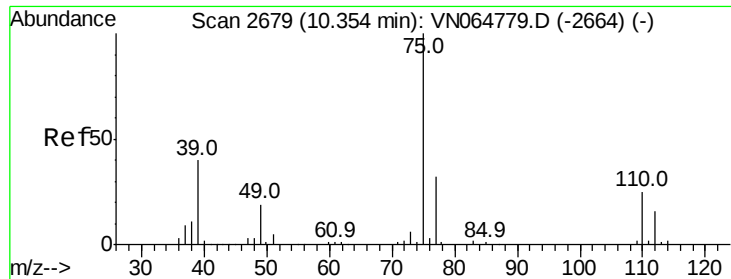
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.082 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

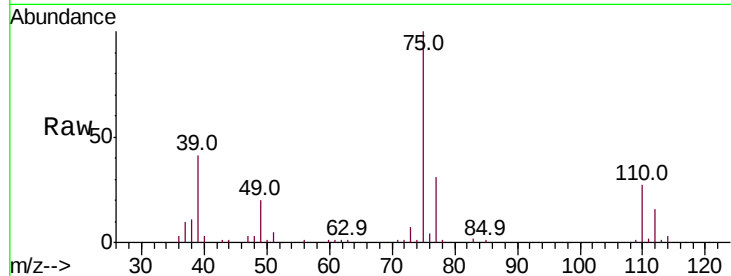
VN1124WBS02

Tot Ion: 75 Resp: 56370

Ion Ratio Lower Upper

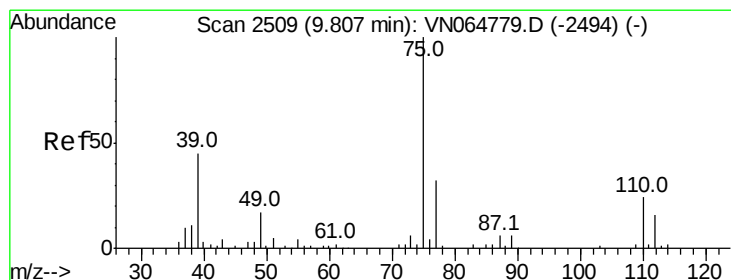
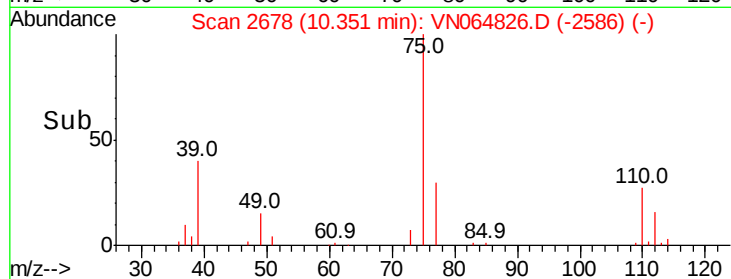
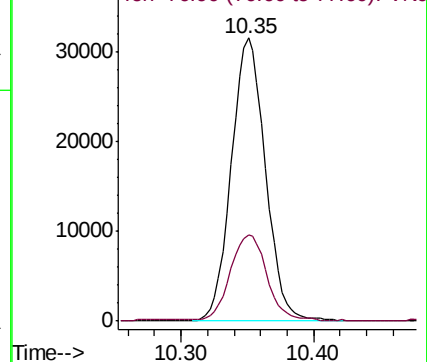
75 100

77 30.1 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 17.462 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

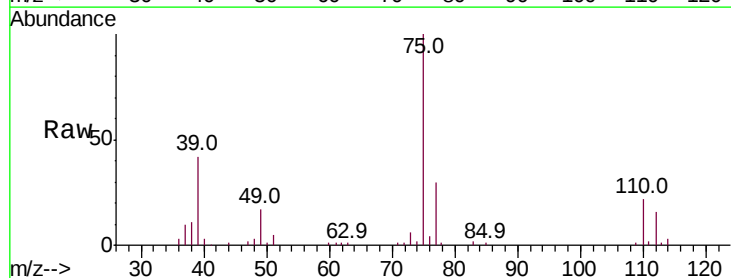
Tgt Ion: 75 Resp: 61764

Ion Ratio Lower Upper

75 100

77 30.3 25.5 38.3

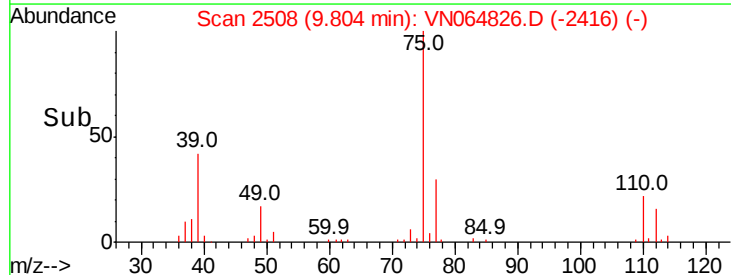
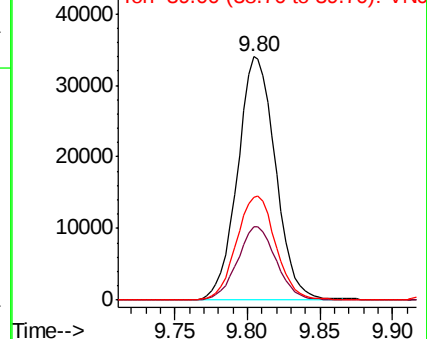
39 42.2 35.6 53.4

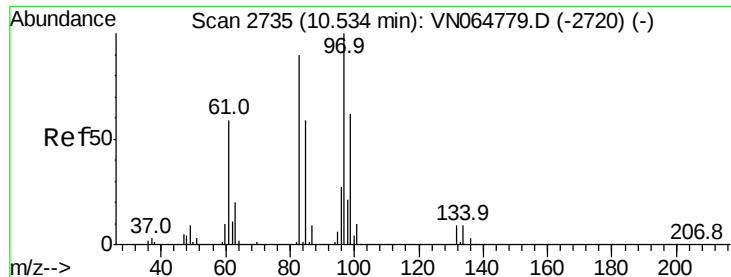


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

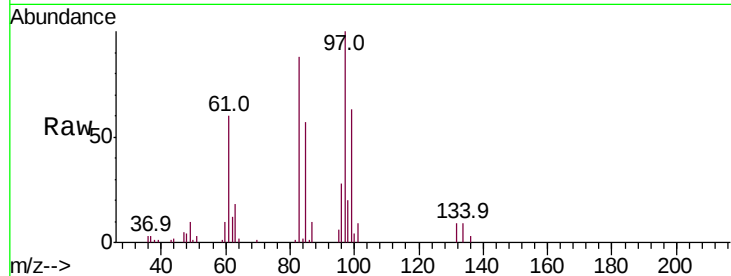




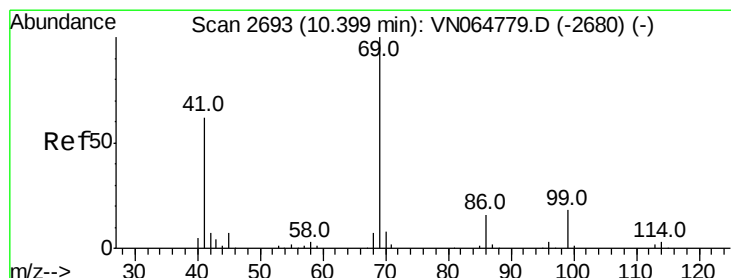
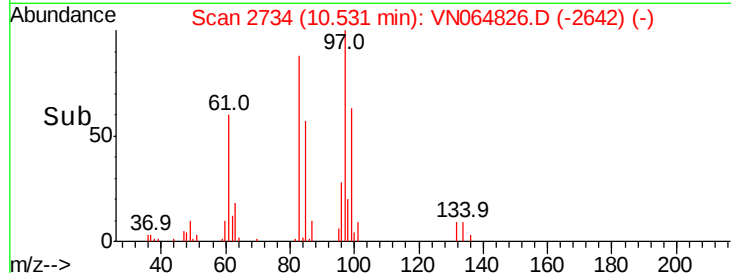
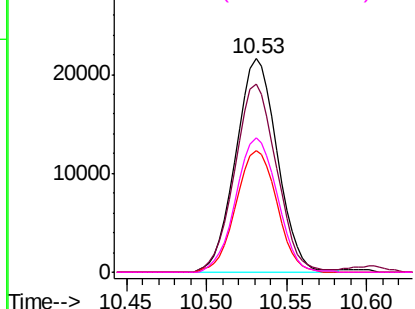
#55
 1,1,2-Trichloroethane
 Concen: 17.799 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Tot Ion: 97 Resp: 38362
 Ion Ratio Lower Upper
 97 100
 83 88.2 72.1 108.1
 85 57.0 46.8 70.2
 99 62.7 49.6 74.4

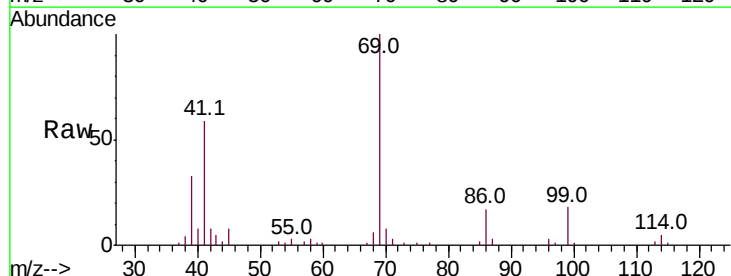


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

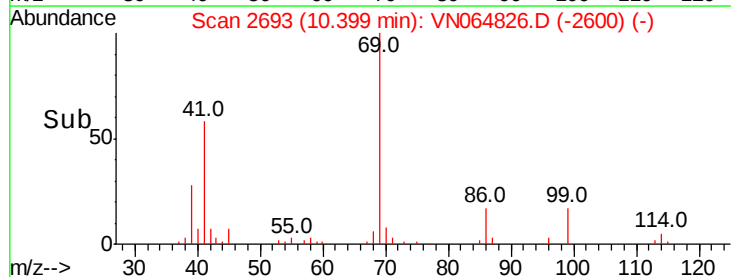
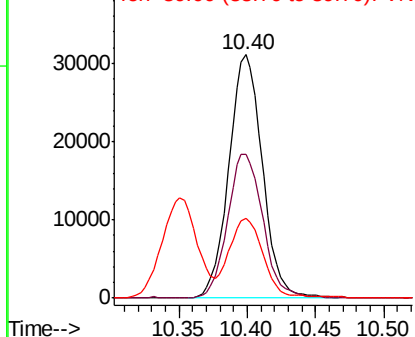


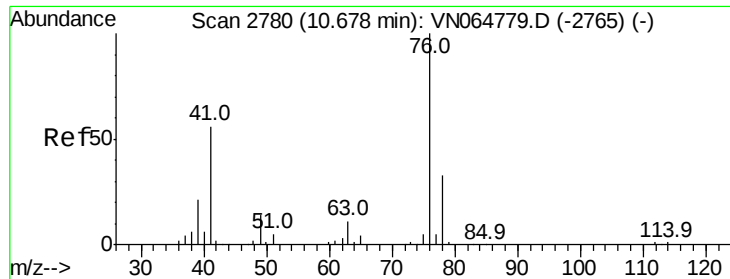
#56
 Ethyl methacrylate
 Concen: 17.878 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion: 69 Resp: 53175
 Ion Ratio Lower Upper
 69 100
 41 62.1 49.4 74.0
 39 32.5 25.9 38.9



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

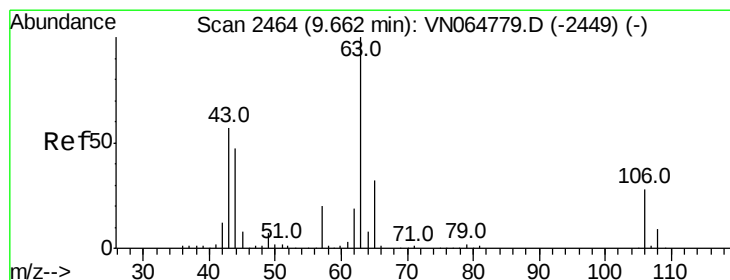
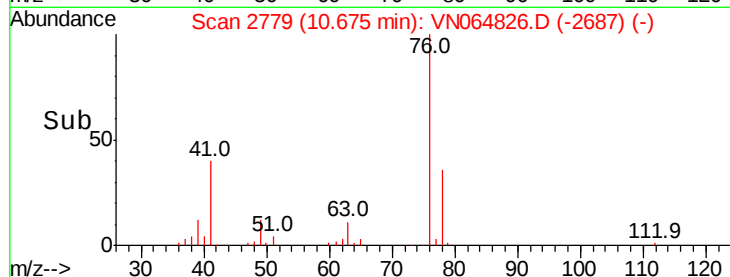
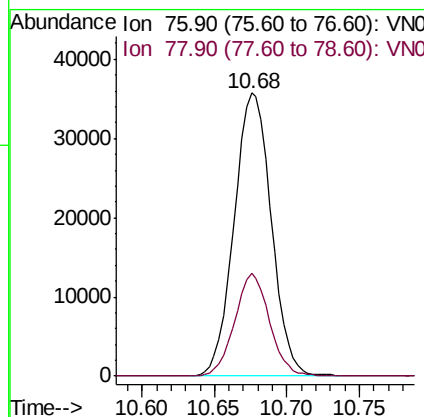
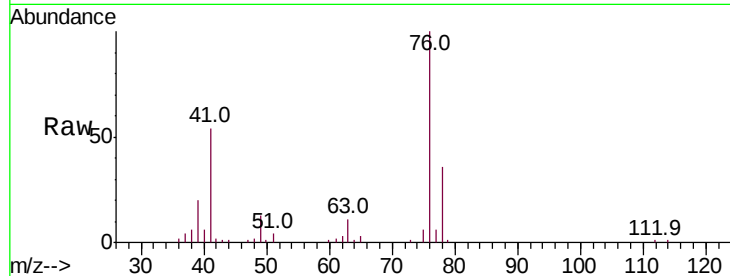




#57
 1,3-Dichloropropane
 Concen: 17.863 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

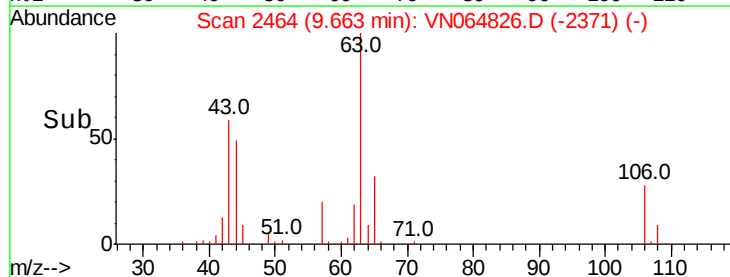
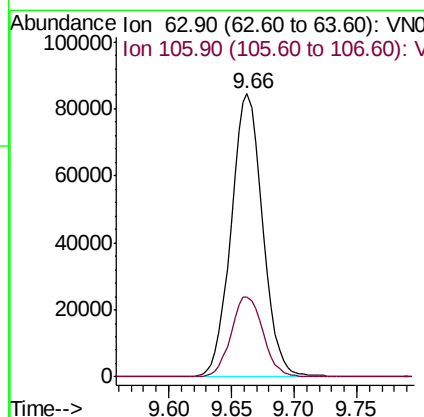
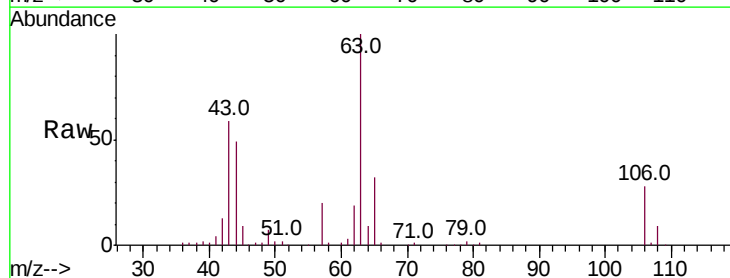
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

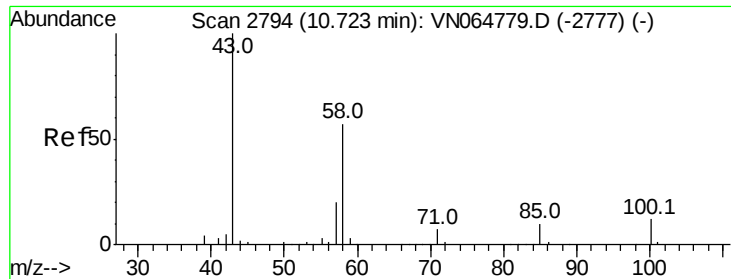
Tot Ion: 76 Resp: 63511
 Ion Ratio Lower Upper
 76 100
 78 33.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.168 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion: 63 Resp: 147521
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.7 34.1

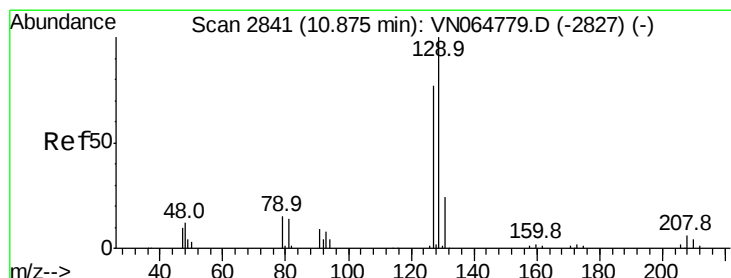
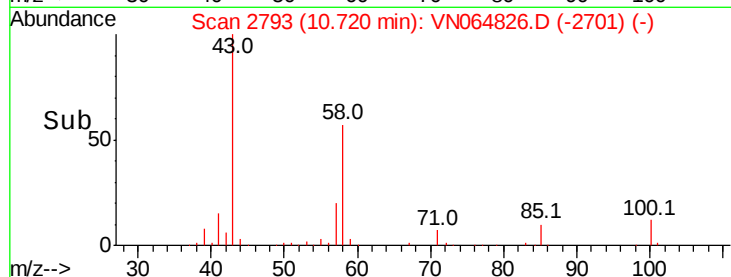
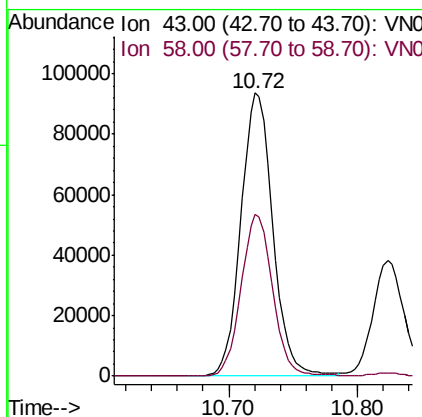
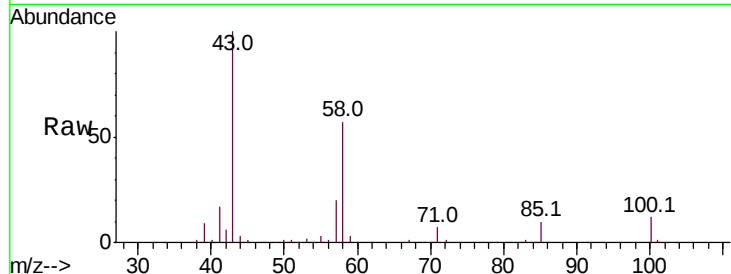




#59
2-Hexanone
Concen: 86.743 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

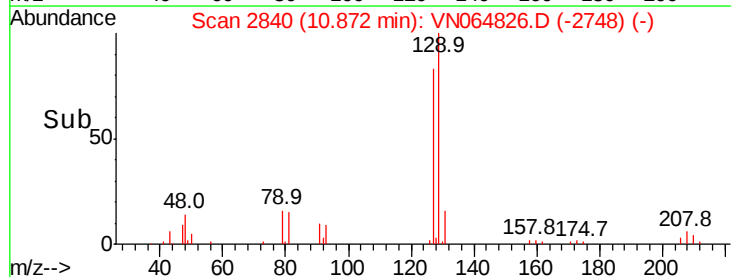
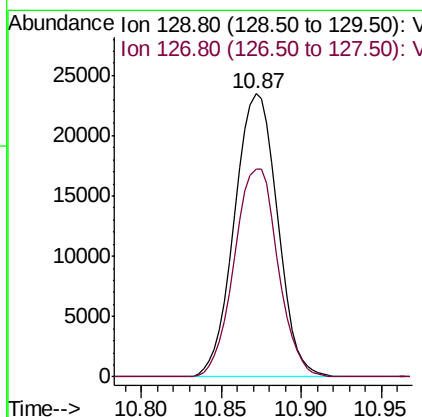
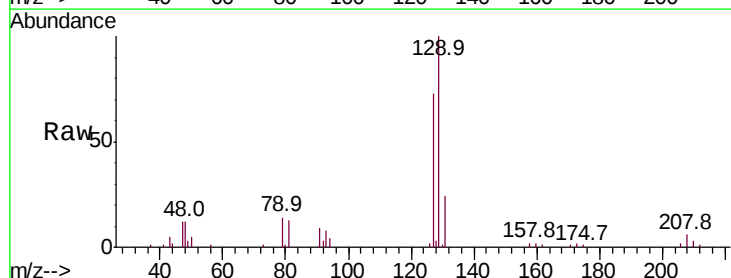
Instrument :
MSVOA_N
ClientSampled :
VN1124WBS02

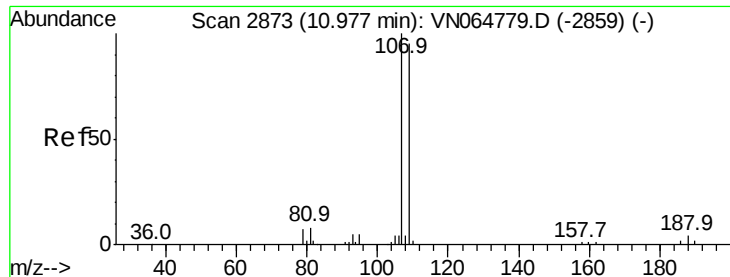
Tot Ion: 43 Resp: 161347
Ion Ratio Lower Upper
43 100
58 56.3 28.3 84.9



#60
Dibromochloromethane
Concen: 18.012 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 129 Resp: 43153
Ion Ratio Lower Upper
129 100
127 74.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.347 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

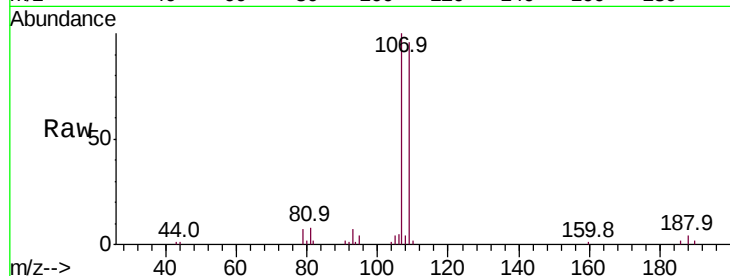
VN1124WBS02

Tot Ion:107 Resp: 37985

Ion Ratio Lower Upper

107 100

109 98.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

25000

20000

15000

10000

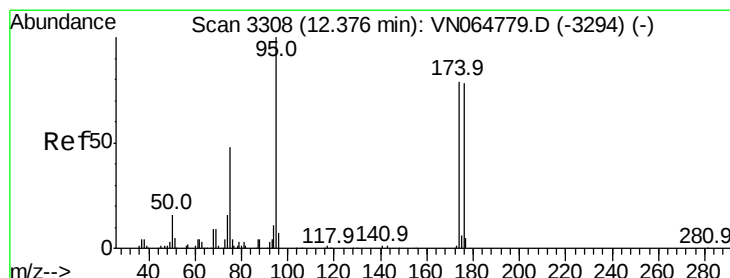
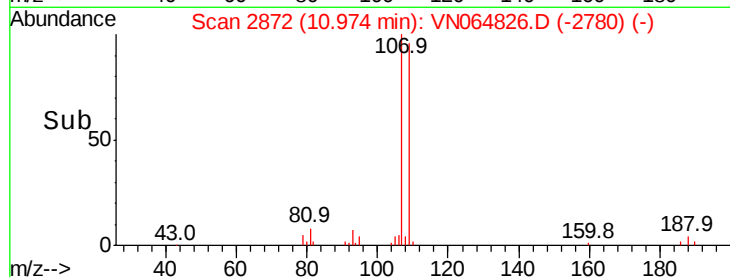
5000

0

10.97

10.90 10.95 11.00 11.05

Time-->



#62

4-Bromofluorobenzene

Concen: 48.185 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

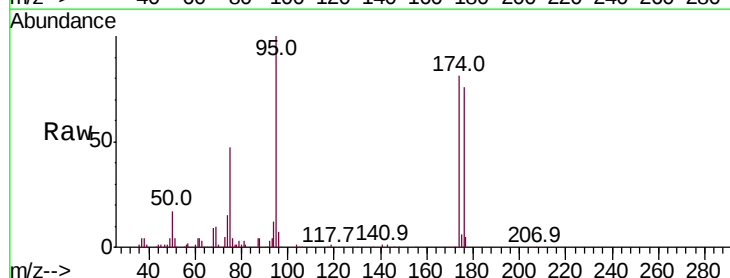
Tgt Ion: 95 Resp: 126335

Ion Ratio Lower Upper

95 100

174 81.7 0.0 160.4

176 78.0 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

40000

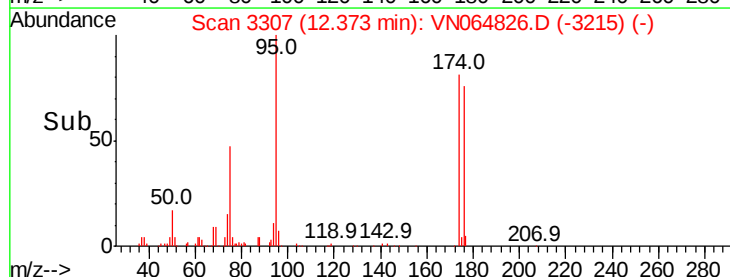
20000

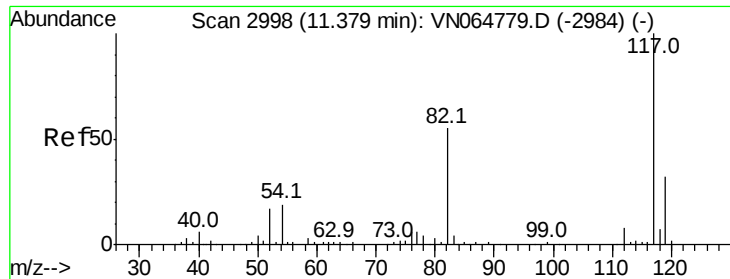
0

12.37

12.30 12.35 12.40 12.45

Time-->

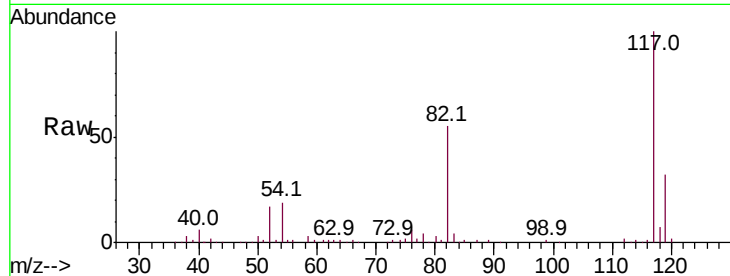




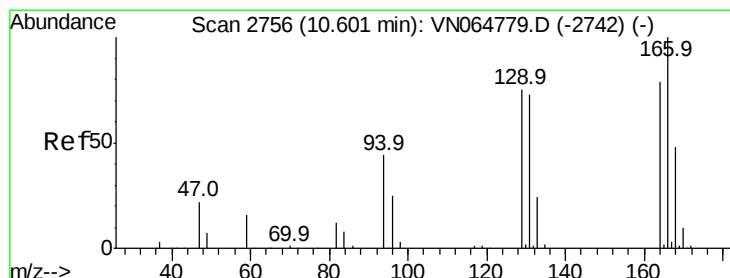
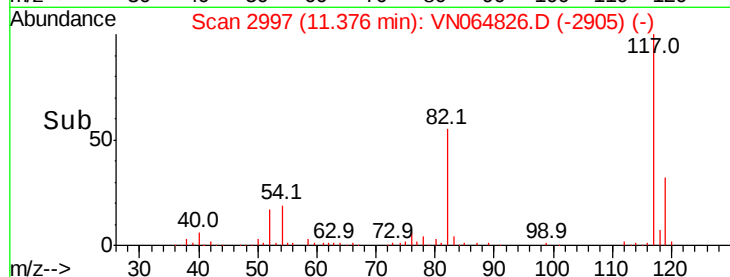
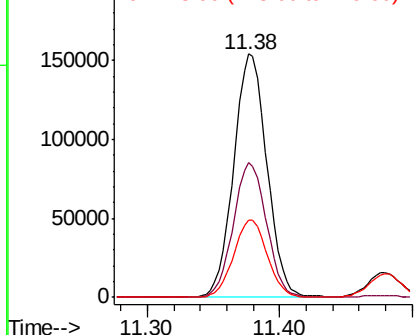
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion:117 Resp: 268096
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.9 25.8 38.6

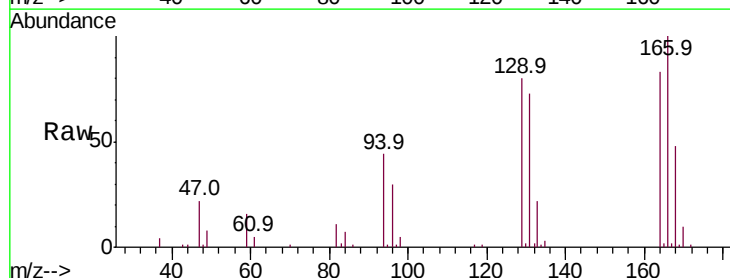


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

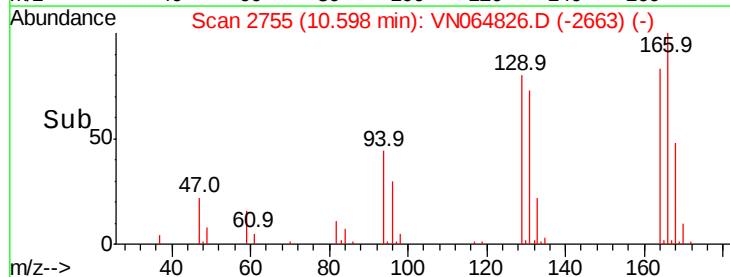
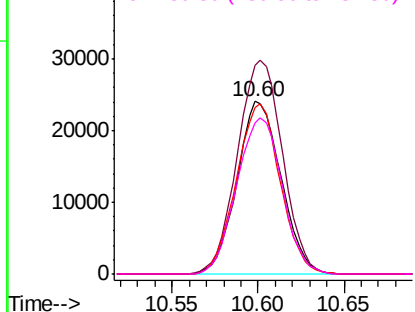


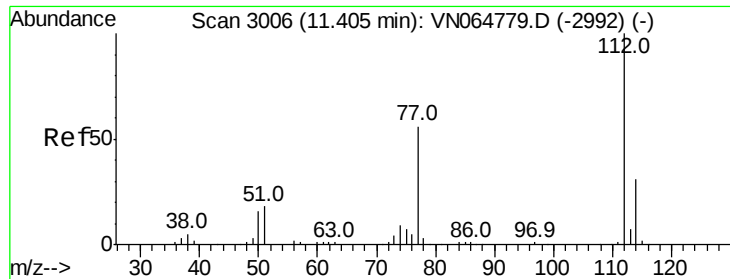
#64
Tetrachloroethene
Concen: 16.370 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion:164 Resp: 42697
Ion Ratio Lower Upper
164 100
166 120.6 101.4 152.0
129 96.1 76.1 114.1
131 87.7 74.2 111.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

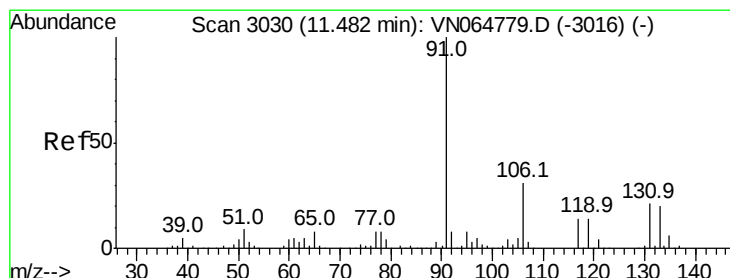
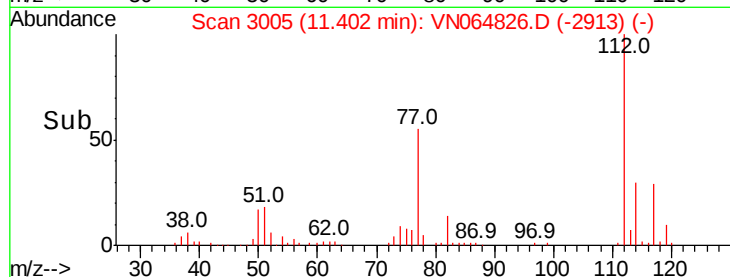
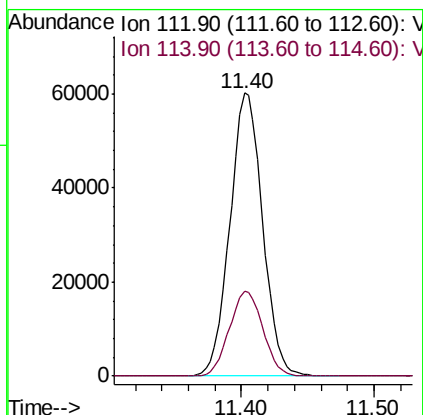
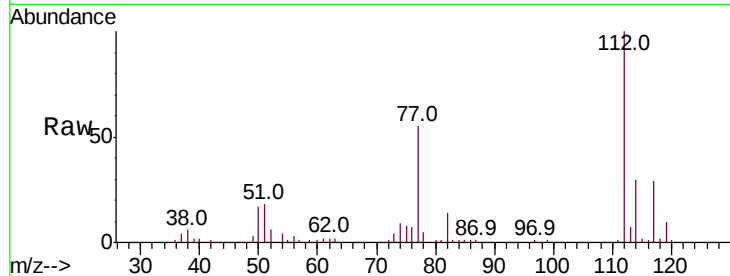




#65
Chlorobenzene
Concen: 17.891 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

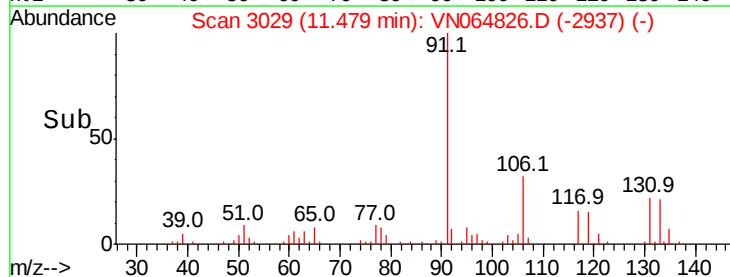
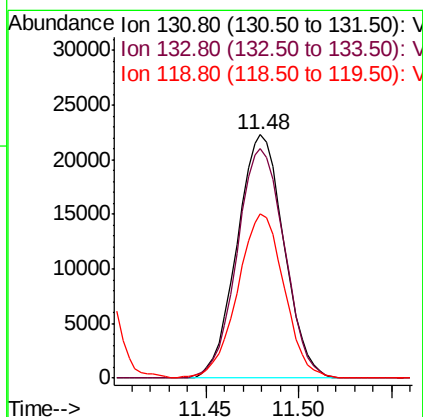
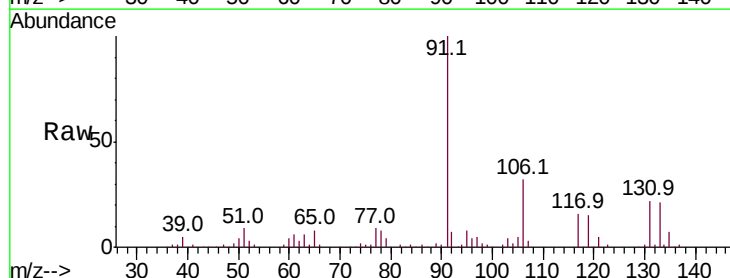
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

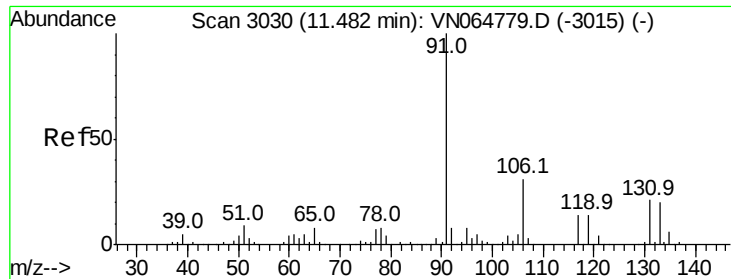
Tot Ion:112 Resp: 103005
Ion Ratio Lower Upper
112 100
114 30.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.504 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion:131 Resp: 39151
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 66.9 33.3 99.8

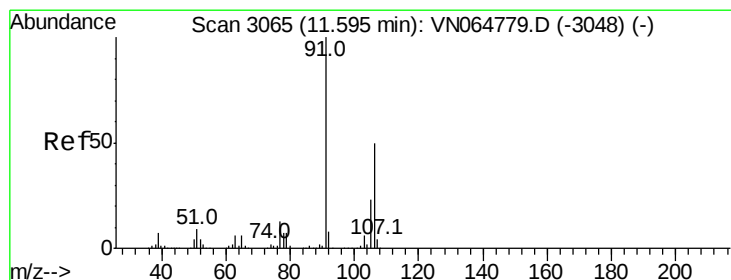
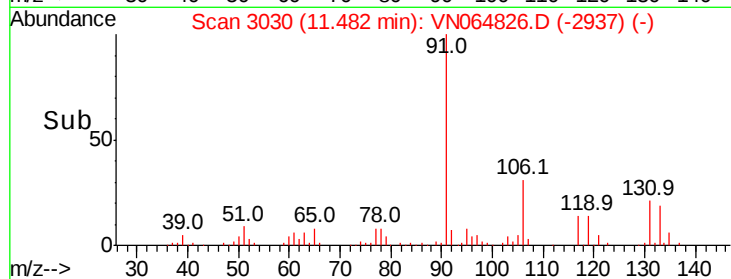
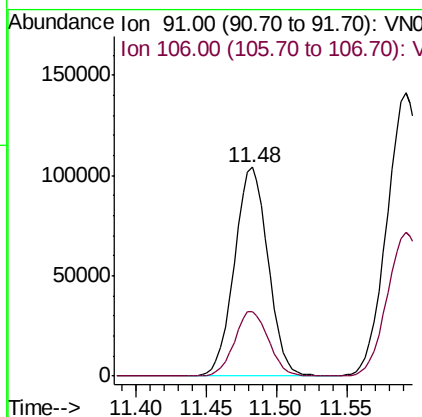
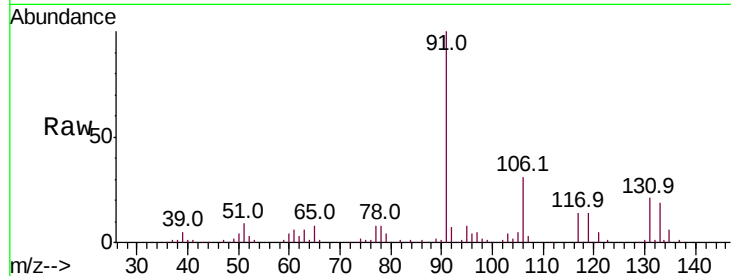




#67
Ethyl Benzene
Concen: 18.104 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

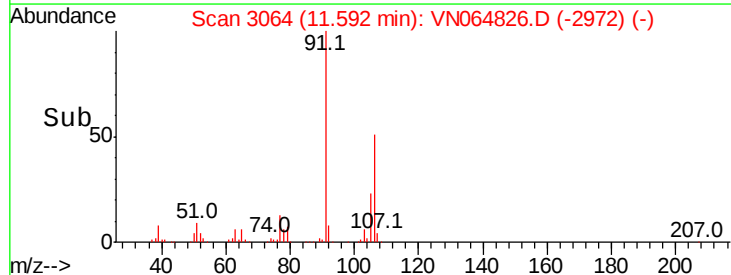
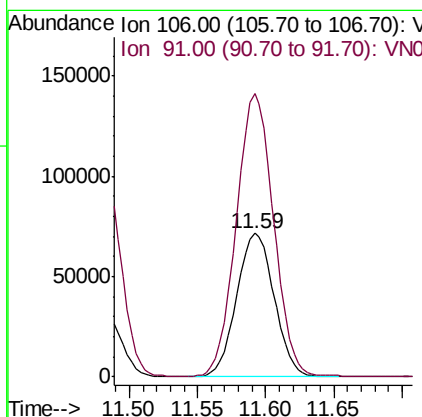
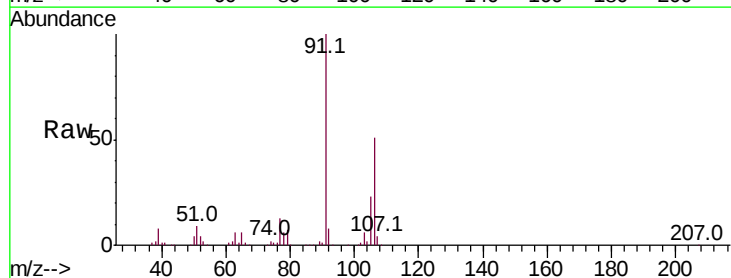
Instrument :
MSVOA_N
ClientSampled :
VN1124WBS02

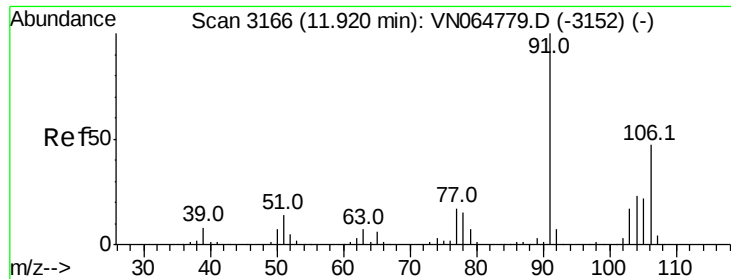
Tot Ion: 91 Resp: 174123
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8



#68
m/p-Xylenes
Concen: 37.759 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 106 Resp: 137498
Ion Ratio Lower Upper
106 100
91 194.9 161.0 241.4

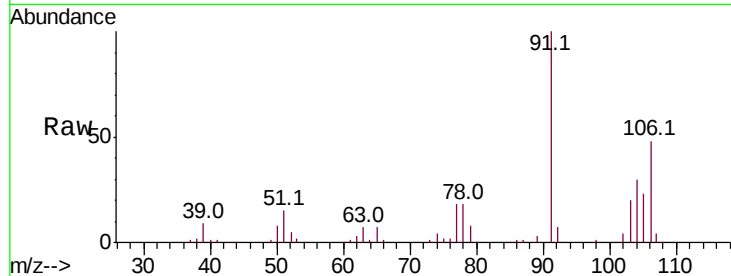




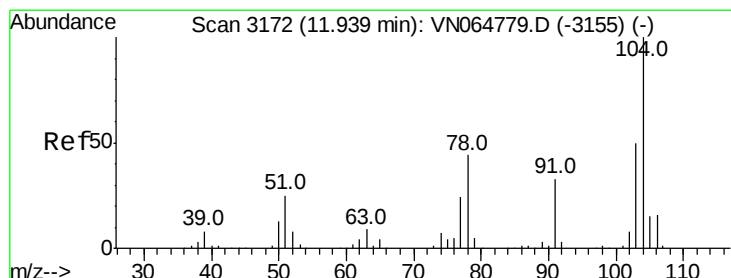
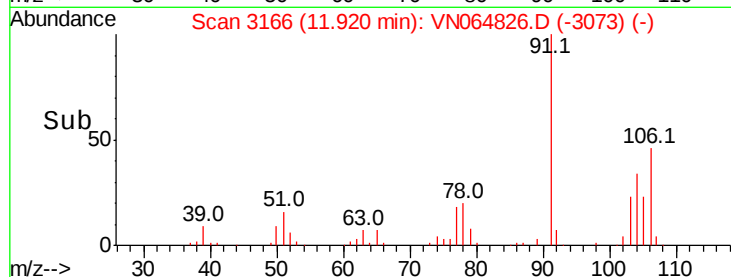
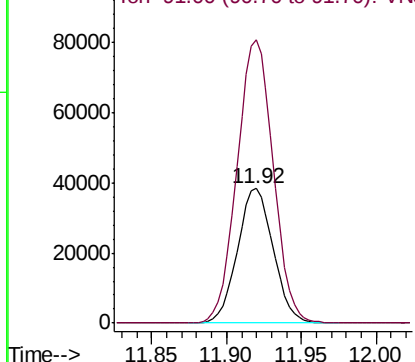
#69
o-Xylene
Concen: 18.542 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampled :
VN1124WBS02

Tot Ion:106 Resp: 64072
Ion Ratio Lower Upper
106 100
91 212.4 105.5 316.5

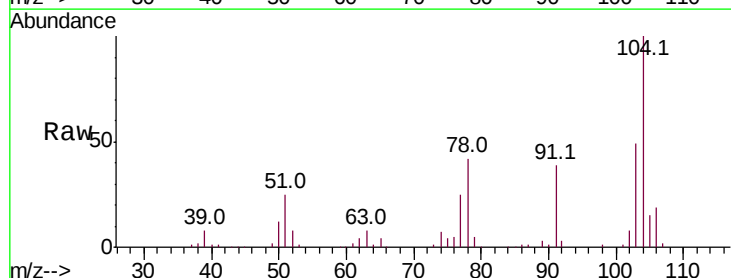


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

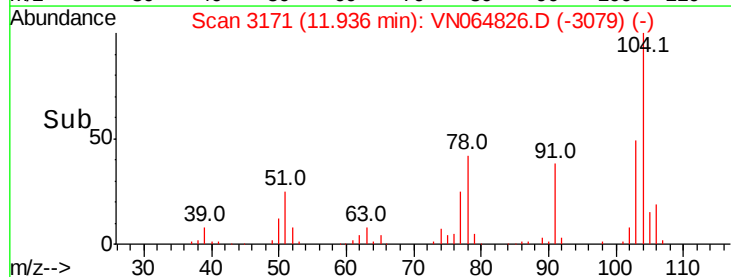
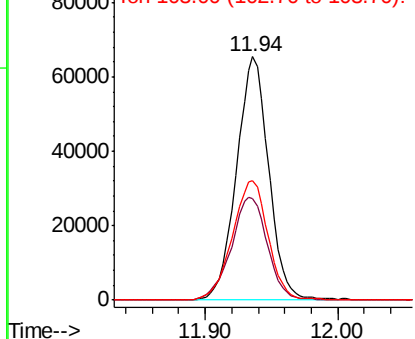


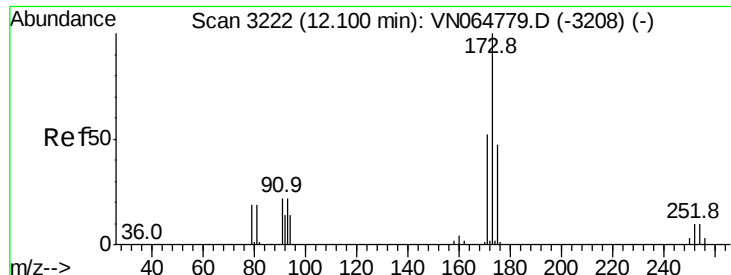
#70
Styrene
Concen: 18.914 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion:104 Resp: 110336
Ion Ratio Lower Upper
104 100
78 47.3 39.0 58.6
103 54.4 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 16.640 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

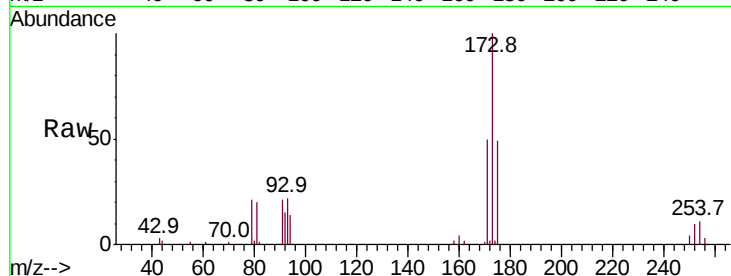
Tot Ion:173 Resp: 28120

Ion Ratio Lower Upper

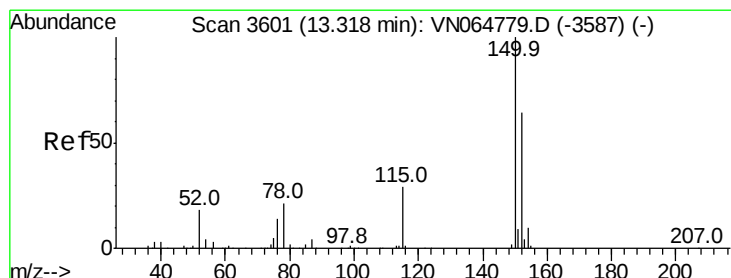
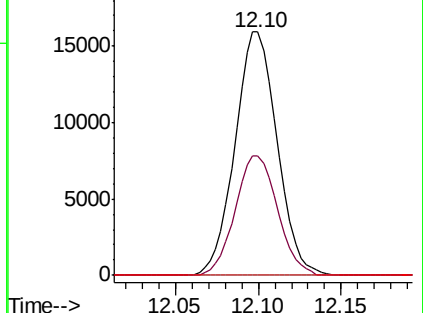
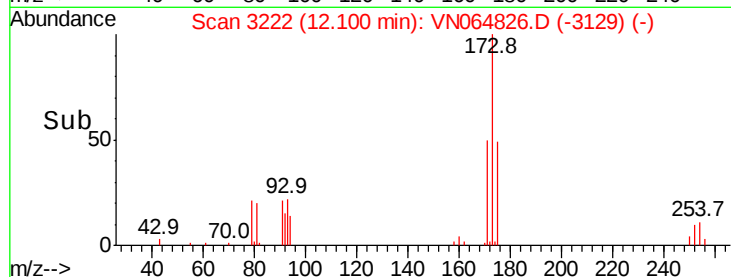
173 100

175 49.2 24.3 72.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

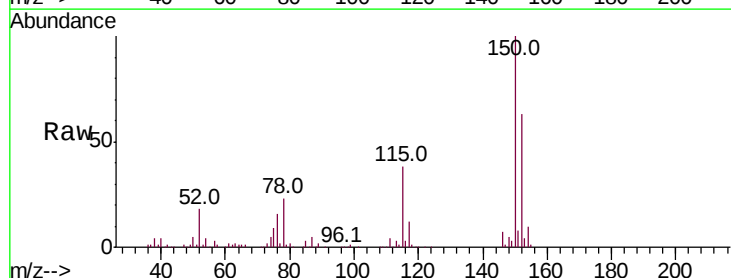
Tgt Ion:152 Resp: 129174

Ion Ratio Lower Upper

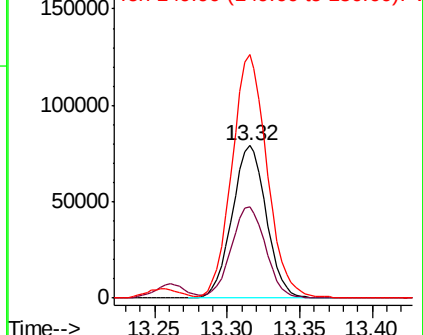
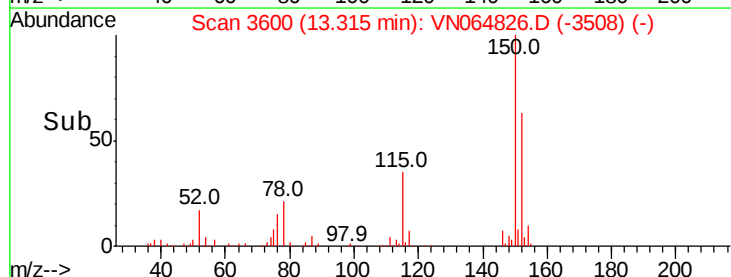
152 100

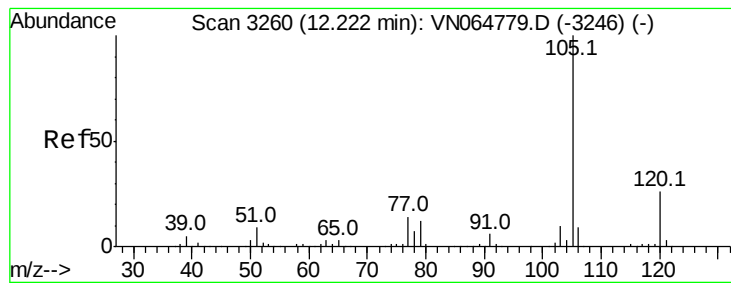
115 60.4 29.7 89.1

150 164.0 0.0 350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.967 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

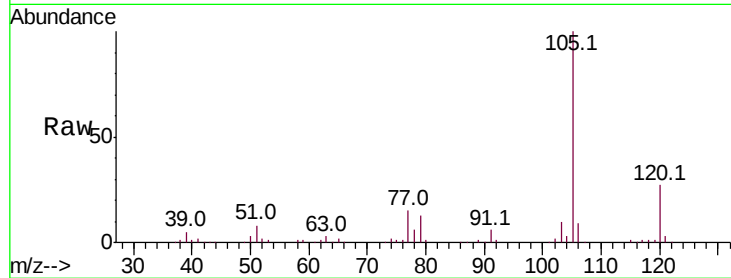
VN1124WBS02

Tot Ion:105 Resp: 170414

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

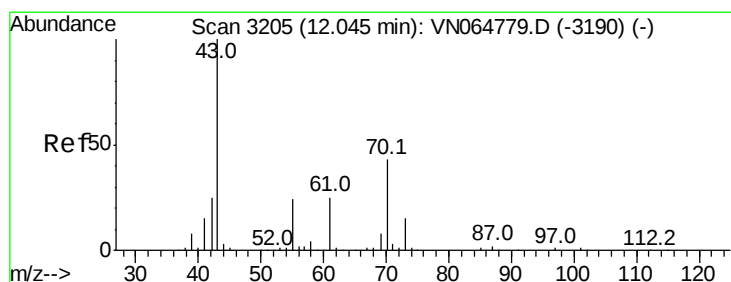
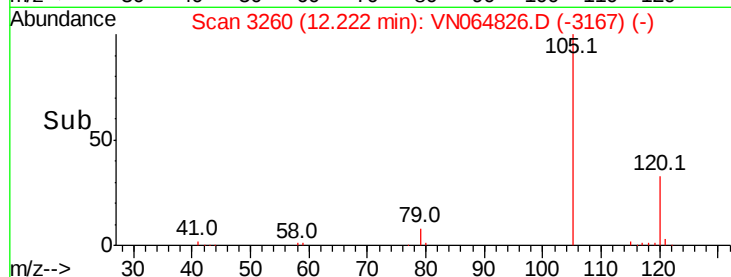
40000

20000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 17.780 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Tgt Ion: 43 Resp: 62870

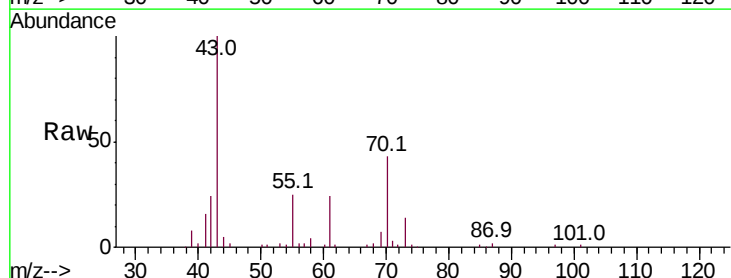
Ion Ratio Lower Upper

43 100

70 43.5 34.5 51.7

55 25.2 20.4 30.6

61 23.4 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

60000

50000

40000

30000

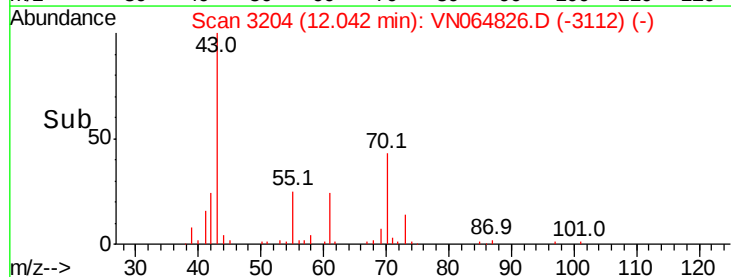
20000

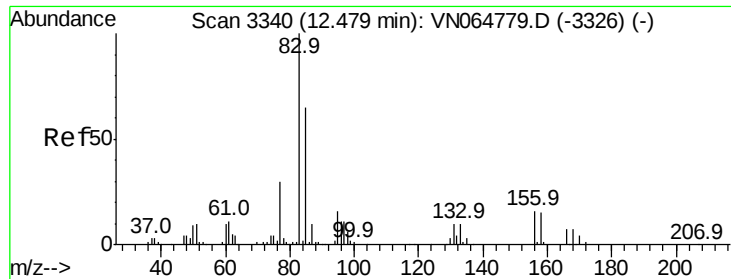
10000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 19.059 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

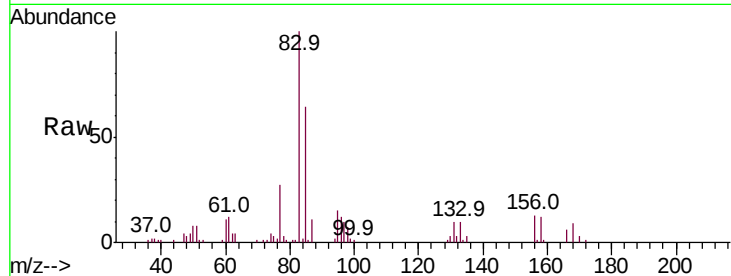
Tot Ion: 83 Resp: 50193

Ion Ratio Lower Upper

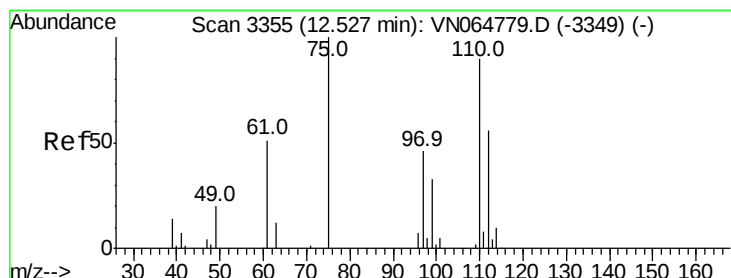
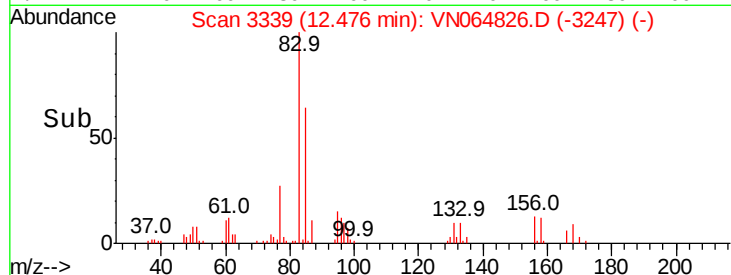
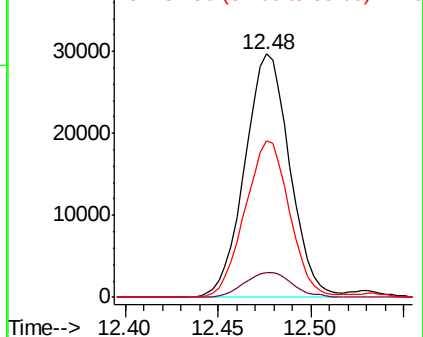
83 100

131 10.8 5.1 15.3

85 64.3 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 24.399 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064826.D

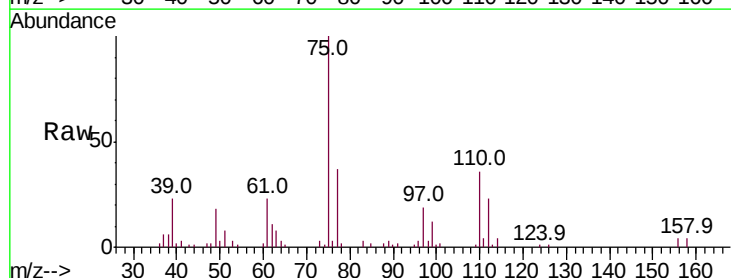
Acq: 24 Nov 2020 22:17

Tgt Ion: 75 Resp: 67876

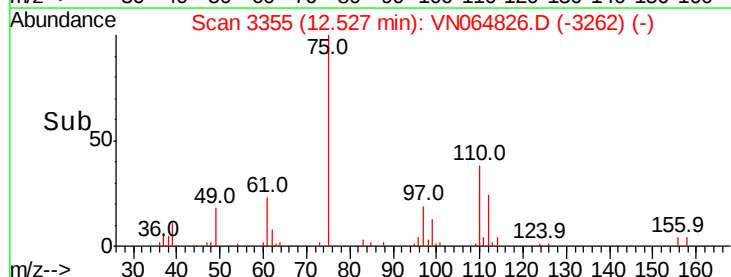
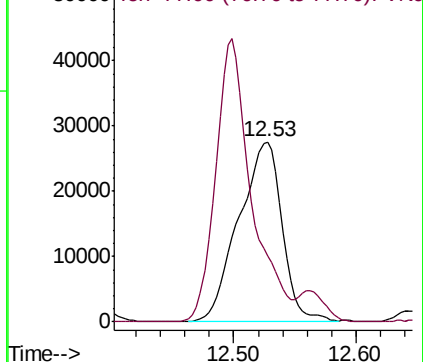
Ion Ratio Lower Upper

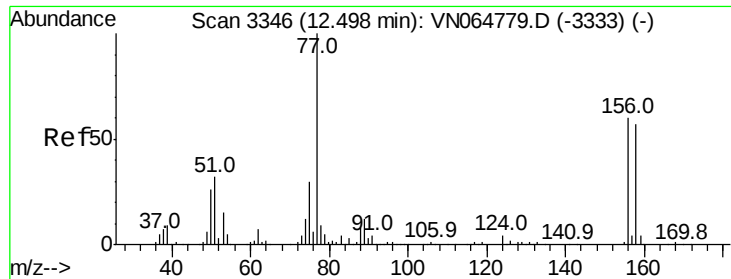
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 18.406 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

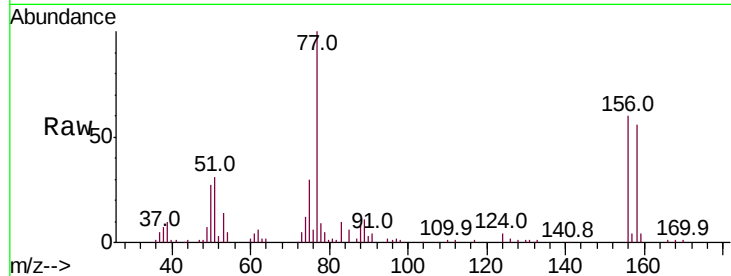
Tot Ion:156 Resp: 44586

Ion Ratio Lower Upper

156 100

77 199.6 101.3 303.7

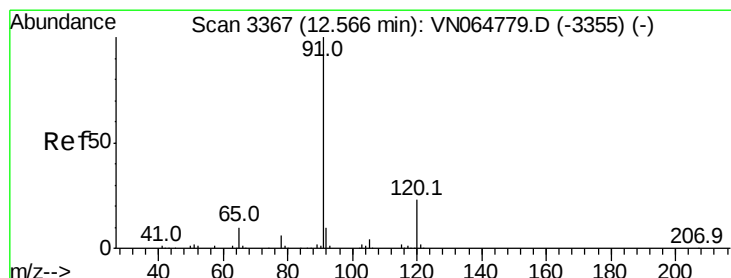
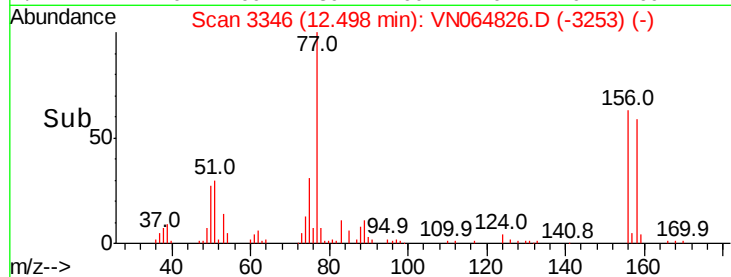
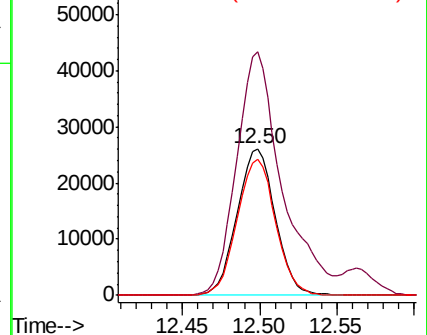
158 93.1 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.590 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064826.D

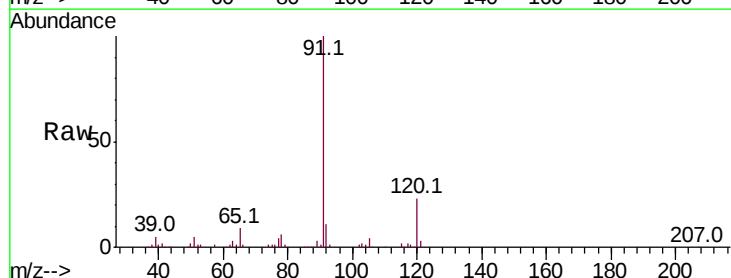
Acq: 24 Nov 2020 22:17

Tgt Ion: 91 Resp: 190277

Ion Ratio Lower Upper

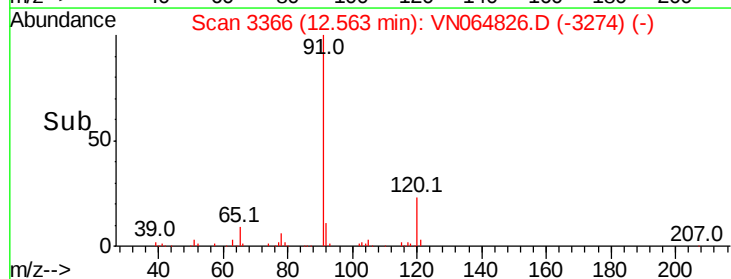
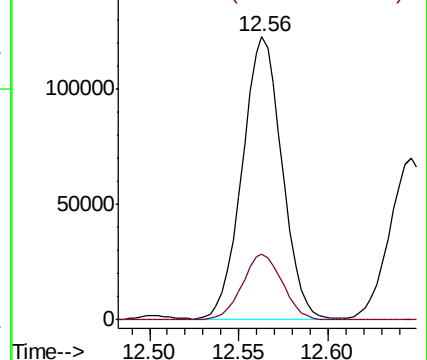
91 100

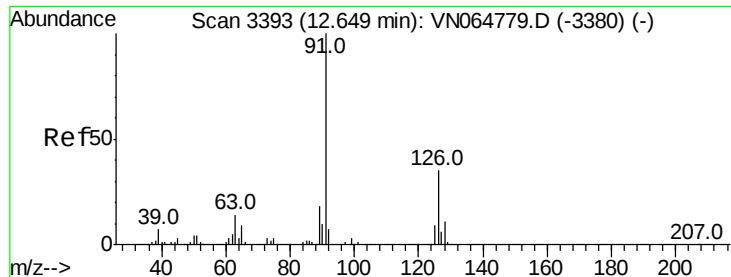
120 23.7 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.207 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

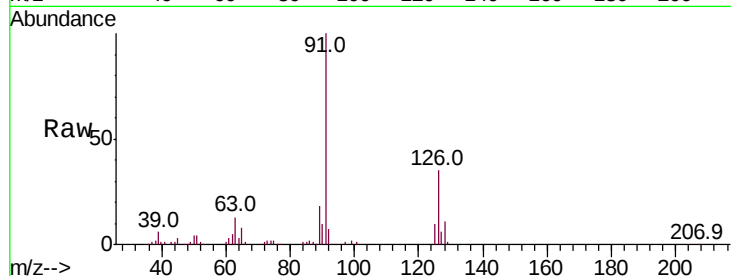
VN1124WBS02

Tot Ion: 91 Resp: 115198

Ion Ratio Lower Upper

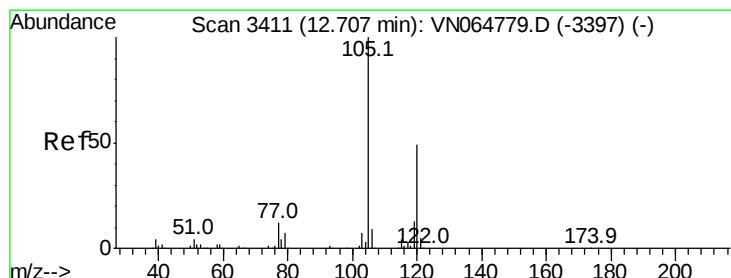
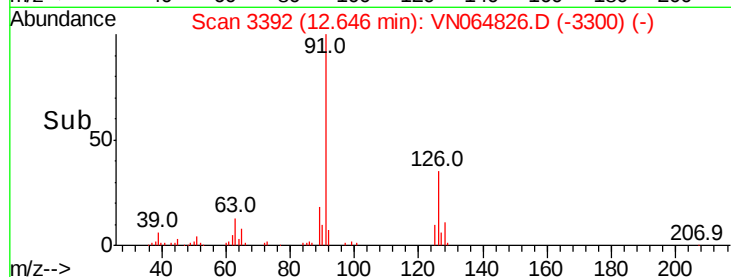
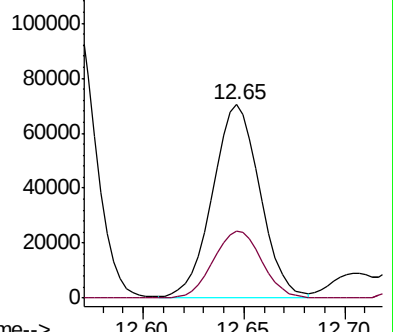
91 100

126 35.5 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.356 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064826.D

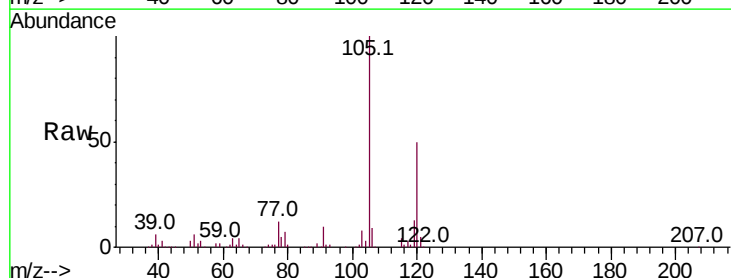
Acq: 24 Nov 2020 22:17

Tgt Ion:105 Resp: 144557

Ion Ratio Lower Upper

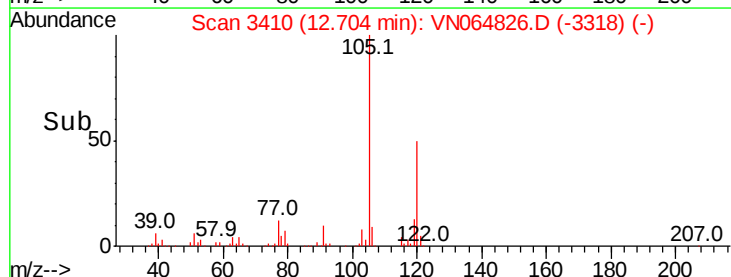
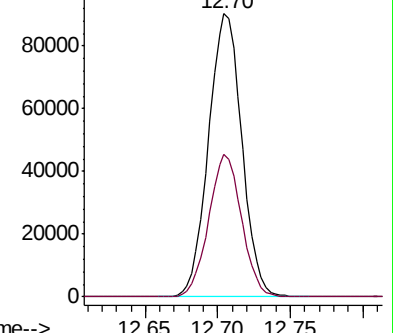
105 100

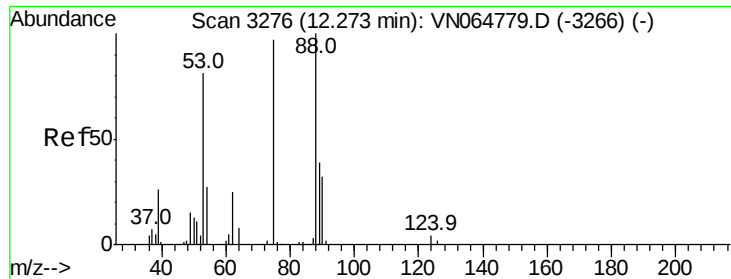
120 49.3 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.833 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

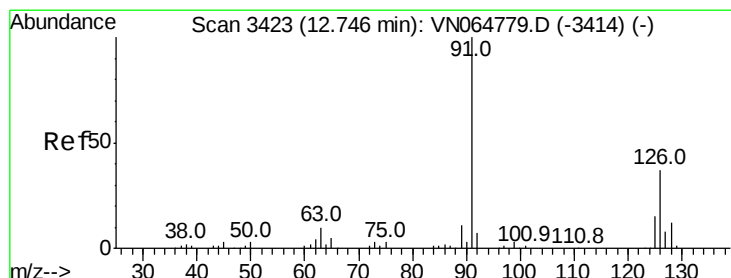
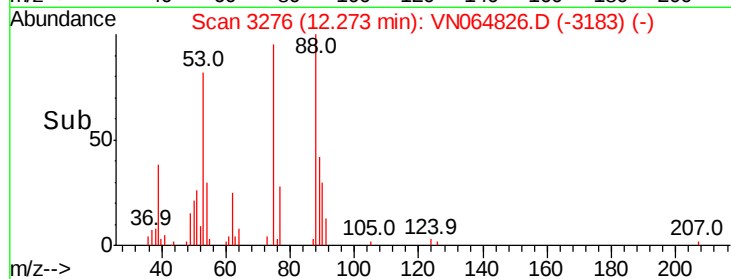
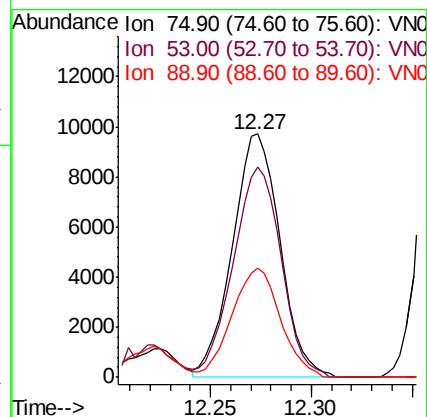
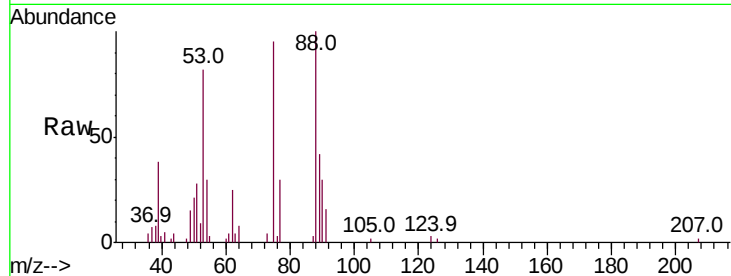
Tot Ion: 75 Resp: 16070

Ion Ratio Lower Upper

75 100

53 87.1 67.0 100.4

89 45.6 39.6 59.4



#82

4-Chlorotoluene

Concen: 18.452 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064826.D

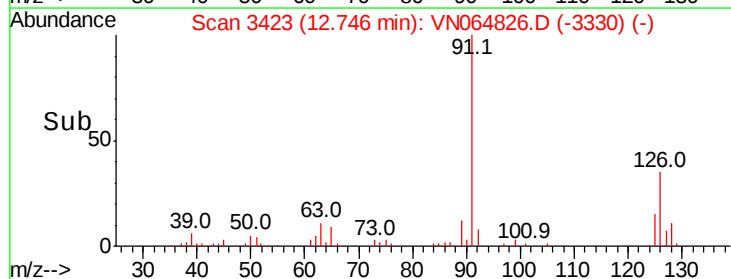
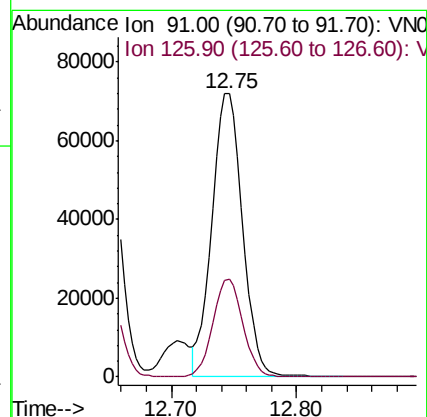
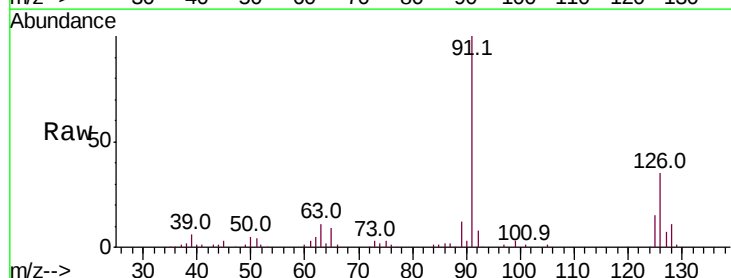
Acq: 24 Nov 2020 22:17

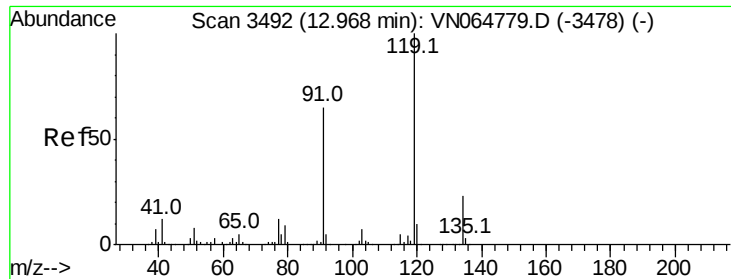
Tgt Ion: 91 Resp: 122375

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.7

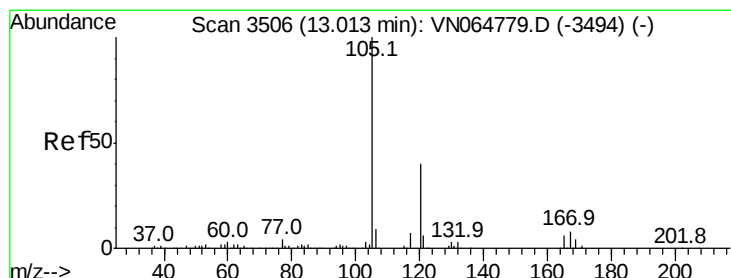
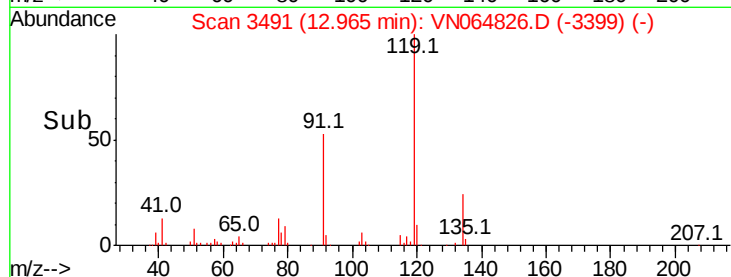
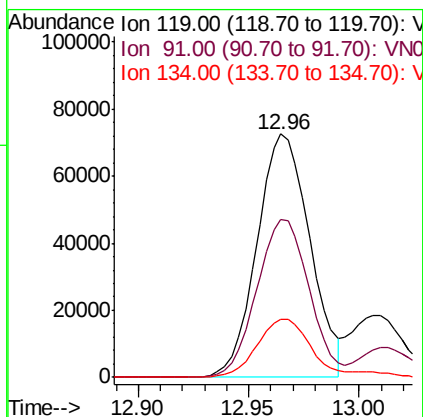
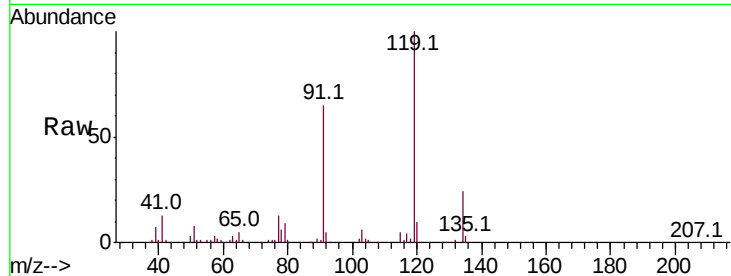




#83
tert-Butylbenzene
Concen: 19.324 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

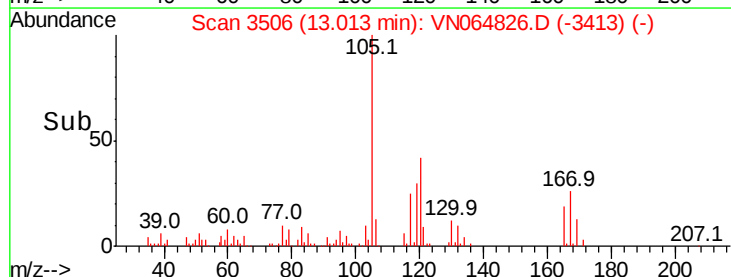
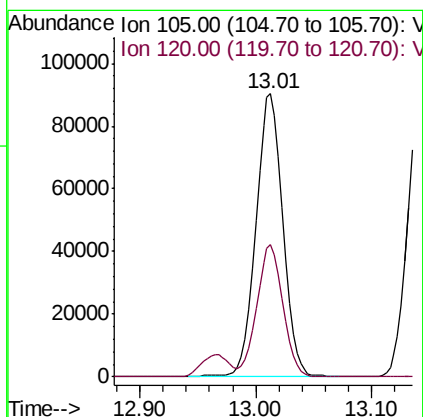
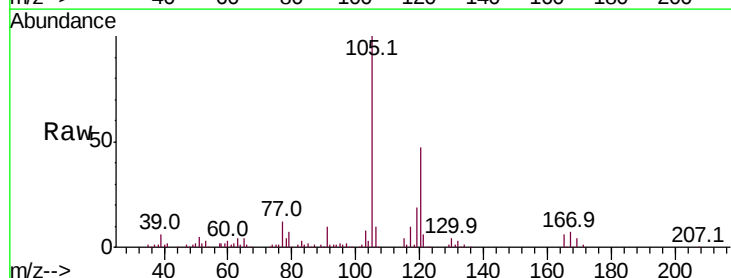
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

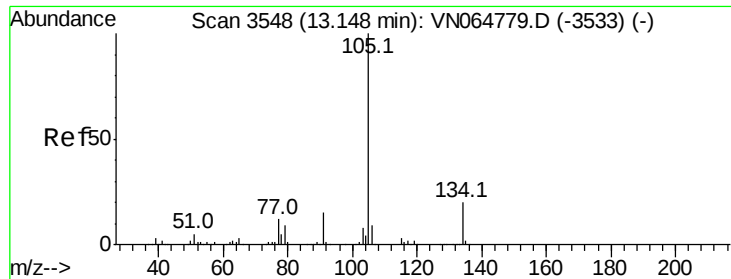
Tot Ion:119 Resp: 120968
Ion Ratio Lower Upper
119 100
91 64.4 32.3 96.8
134 25.4 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 19.394 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion:105 Resp: 146444
Ion Ratio Lower Upper
105 100
120 45.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.116 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampled :

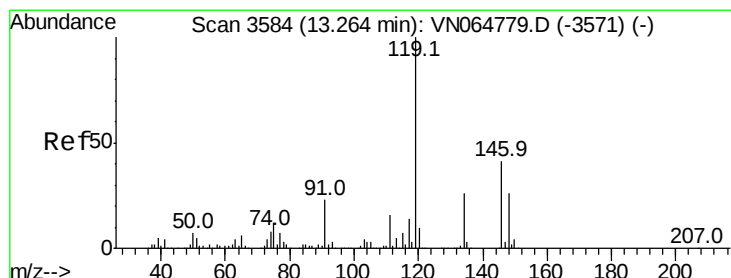
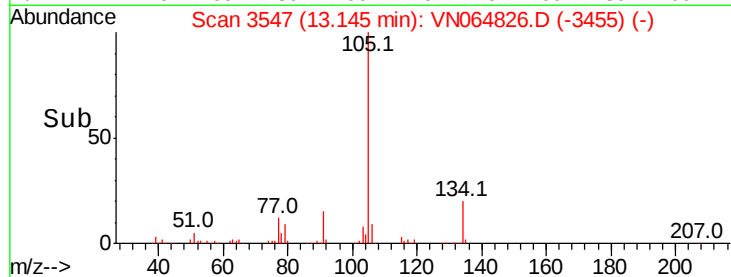
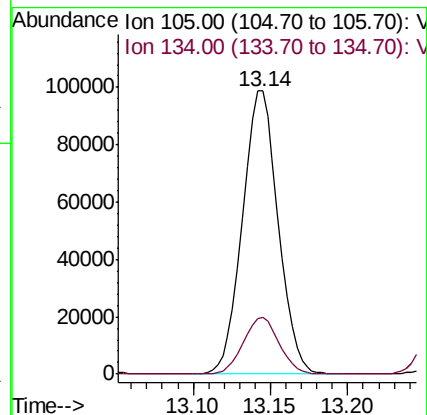
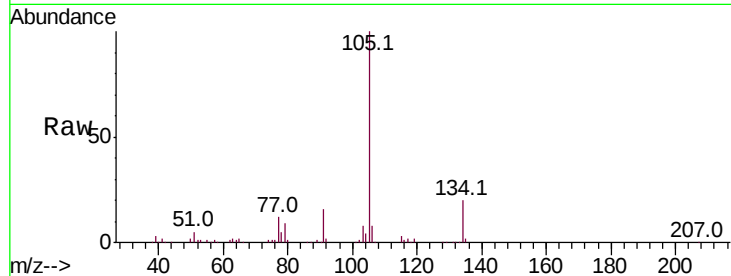
VN1124WBS02

Tot Ion:105 Resp: 158877

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.269 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

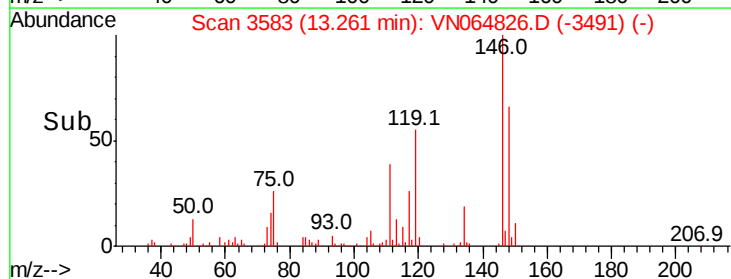
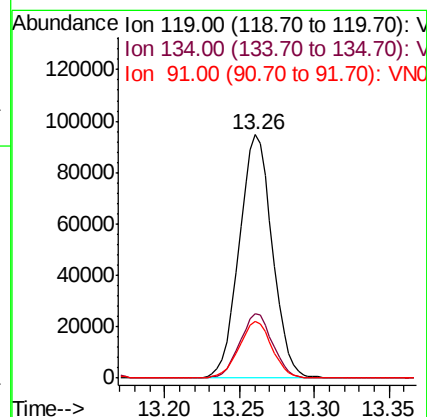
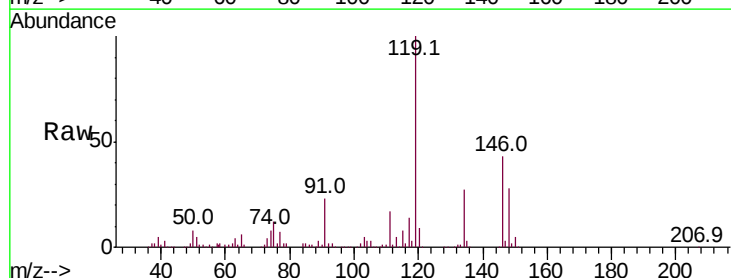
Tgt Ion:119 Resp: 145805

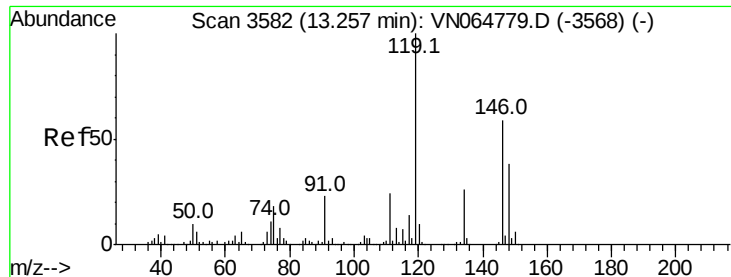
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.1 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 18.531 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

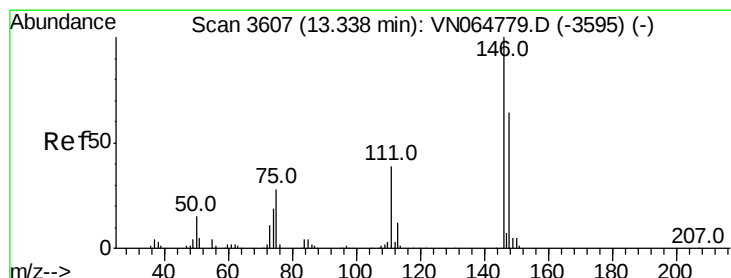
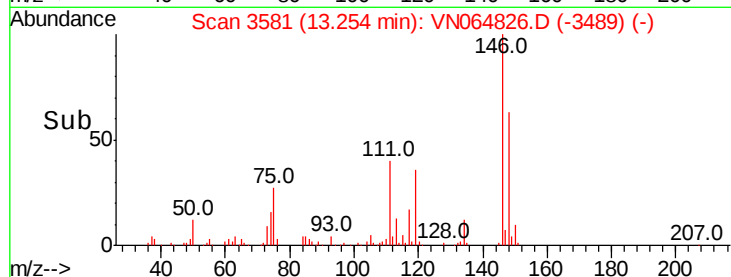
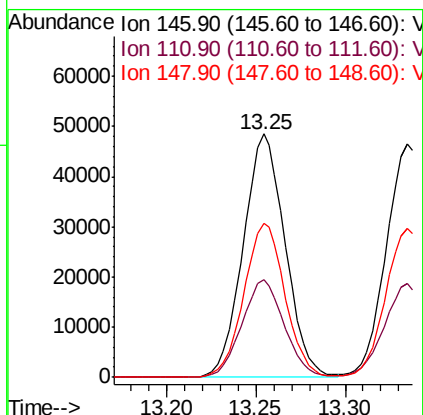
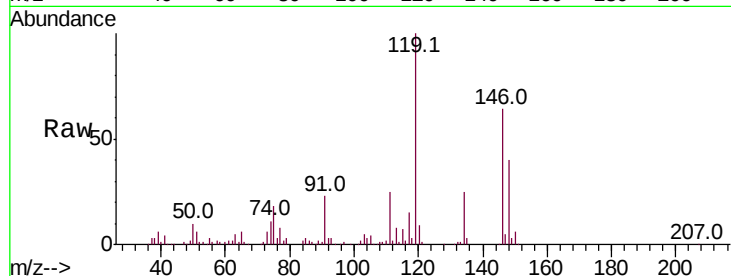
Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion:146 Resp: 79752

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.6	61.9
148	62.1	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 17.025 ug/l

RT: 13.33 min Scan# 3606

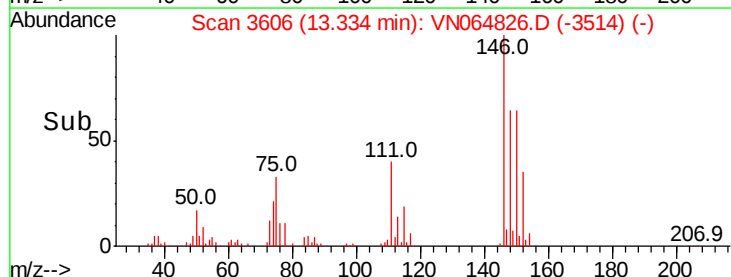
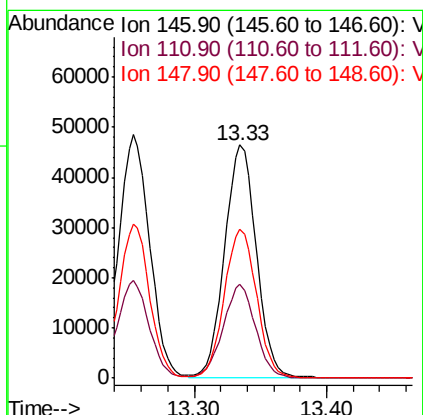
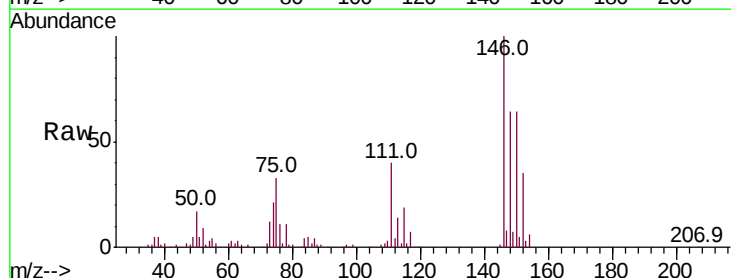
Delta R.T. -0.00 min

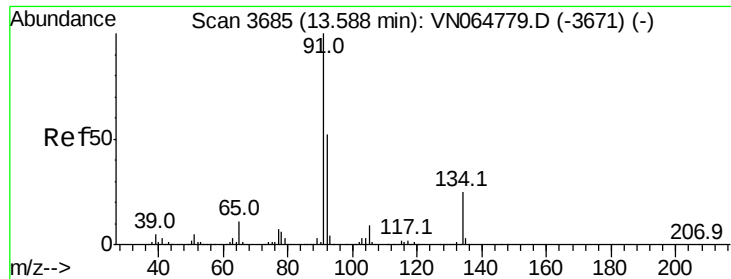
Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Tgt Ion:146 Resp: 77488

Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.8	59.3
148	64.6	31.9	95.5

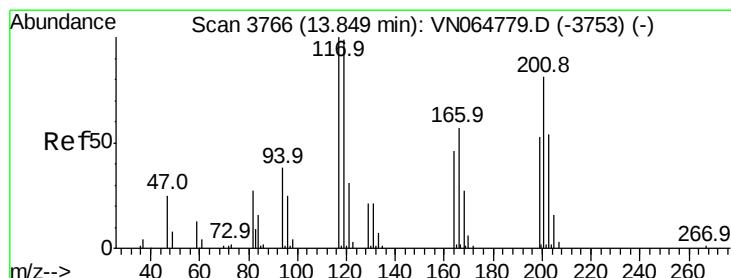
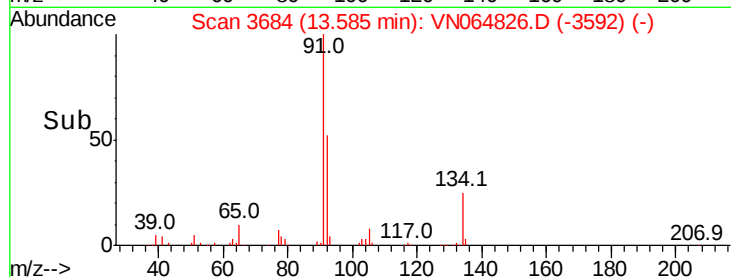
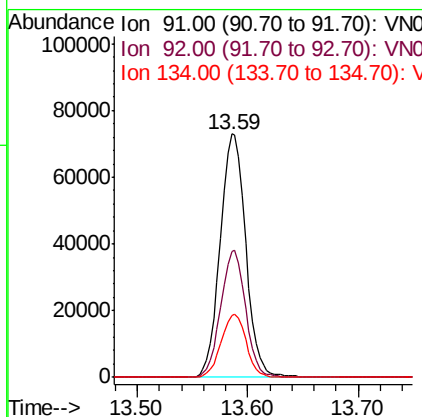
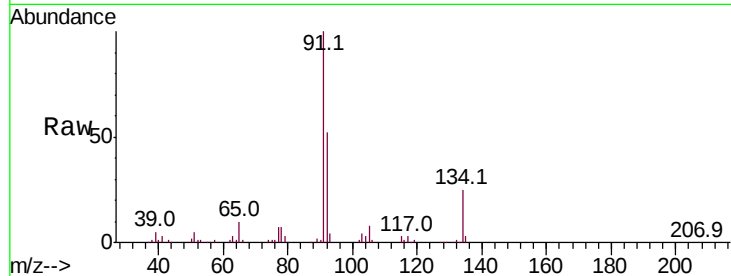




#89
n-Butylbenzene
Concen: 17.663 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

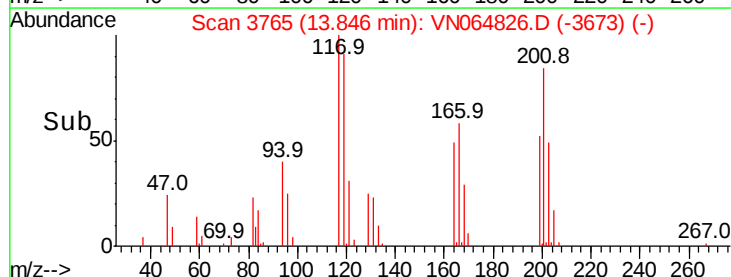
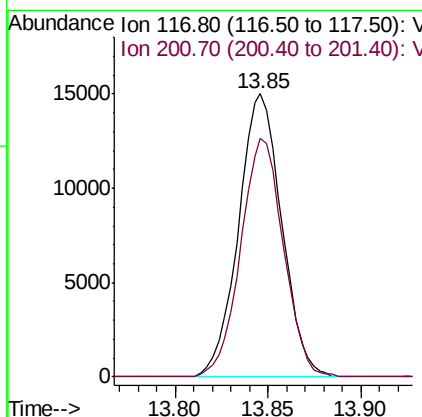
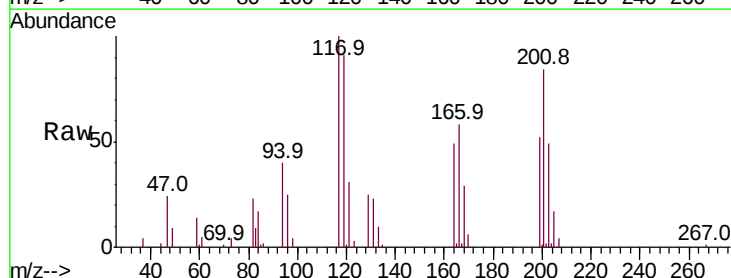
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

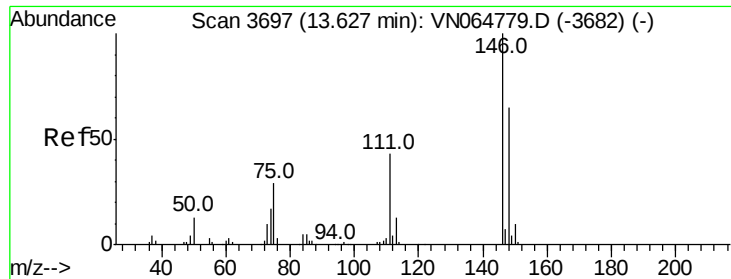
Tot Ion: 91 Resp: 117372
Ion Ratio Lower Upper
91 100
92 50.9 26.0 78.0
134 25.3 12.9 38.6



#90
Hexachloroethane
Concen: 18.472 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 117 Resp: 24282
Ion Ratio Lower Upper
117 100
201 83.5 40.1 120.3

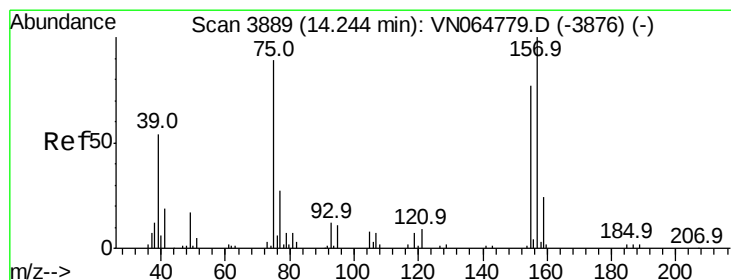
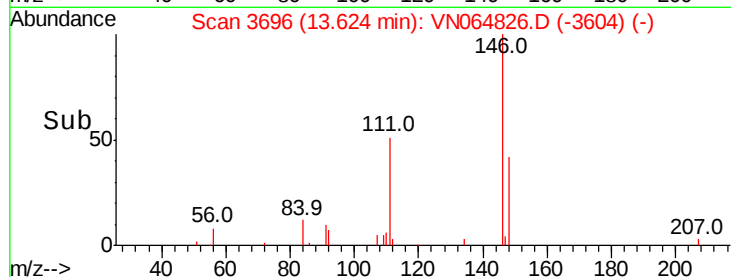
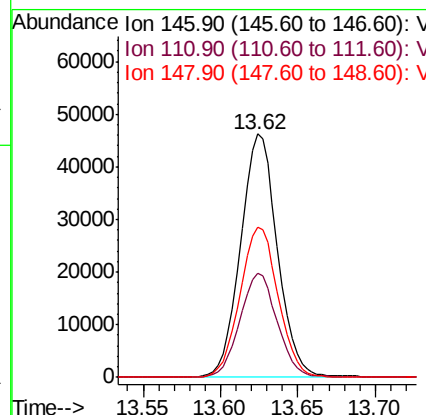
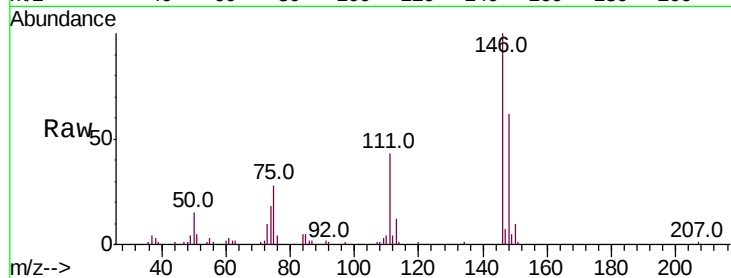




#91
 1,2-Dichlorobenzene
 Concen: 18.078 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

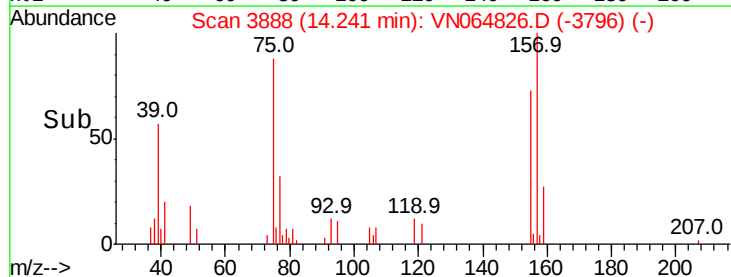
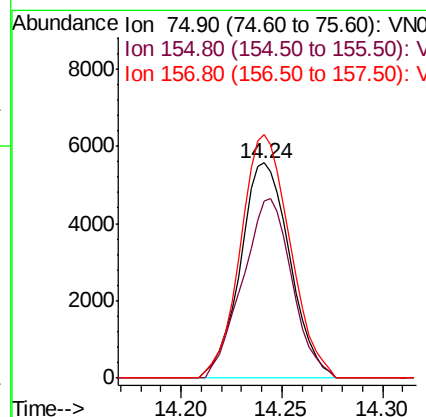
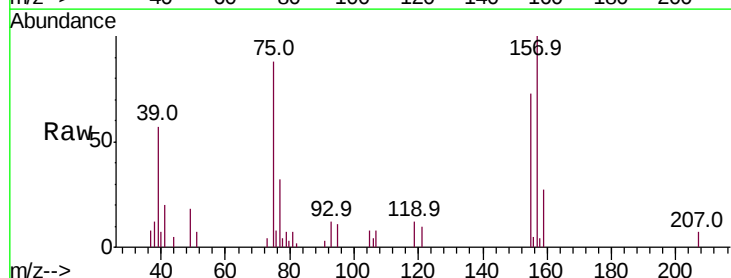
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

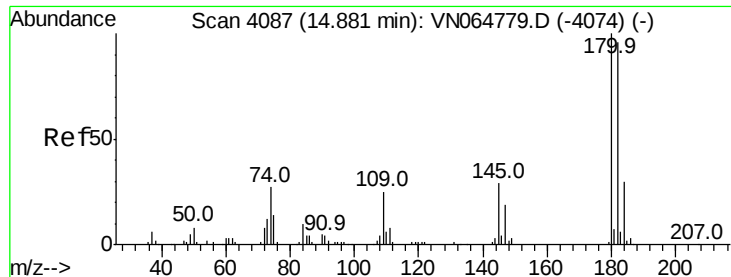
Tot Ion:146 Resp: 76395
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.1 63.1
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.154 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion: 75 Resp: 9572
 Ion Ratio Lower Upper
 75 100
 155 83.2 42.8 128.3
 157 112.9 56.4 169.1

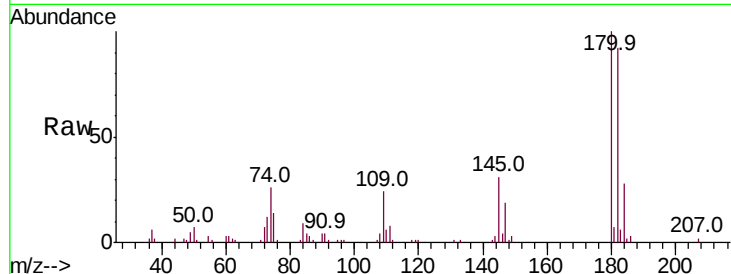




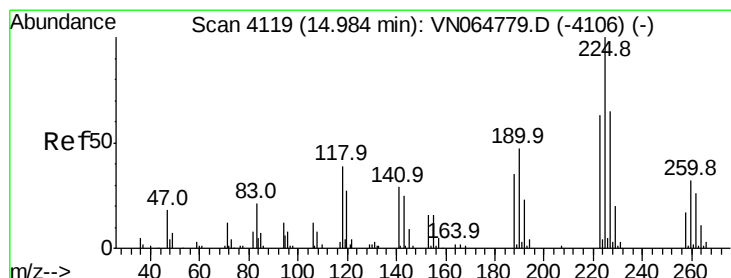
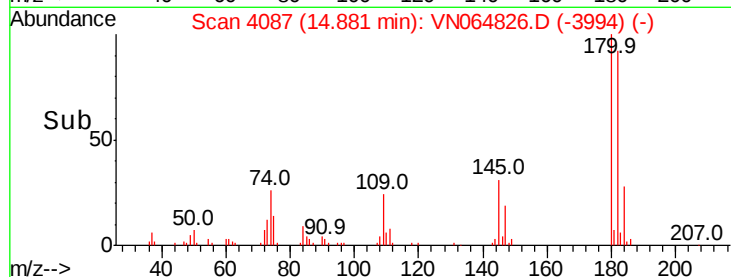
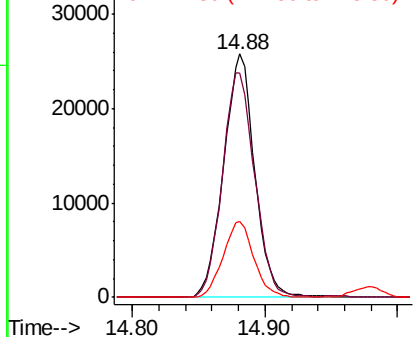
#93
 1,2,4-Trichlorobenzene
 Concen: 16.042 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Tot Ion:180 Resp: 41934
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.6 142.9
 145 30.5 15.3 45.8

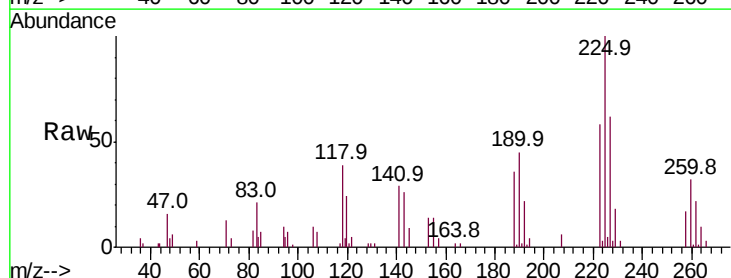


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

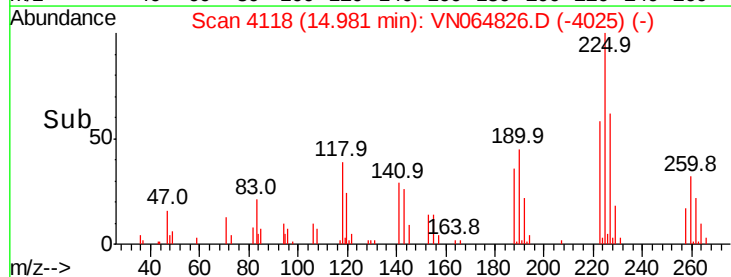
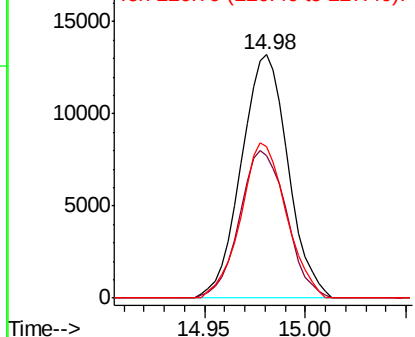


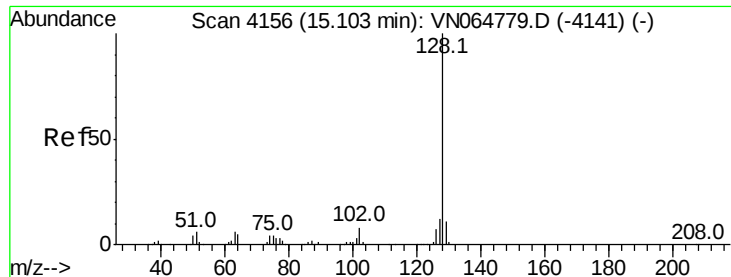
#94
 Hexachlorobutadiene
 Concen: 18.441 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion:225 Resp: 21429
 Ion Ratio Lower Upper
 225 100
 223 60.9 31.0 93.0
 227 62.1 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.450 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

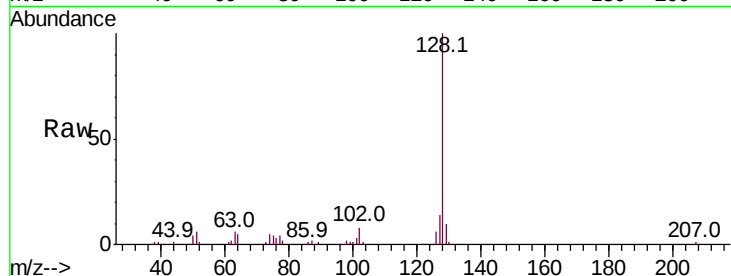
Tot Ion:128 Resp: 128825

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

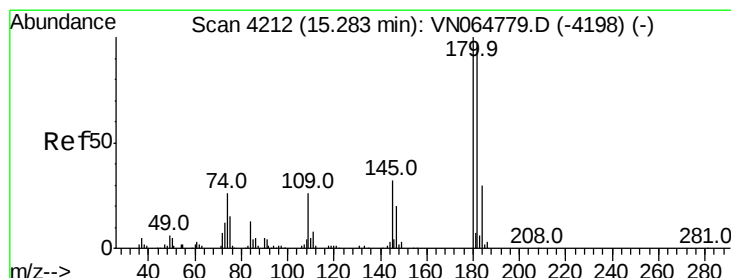
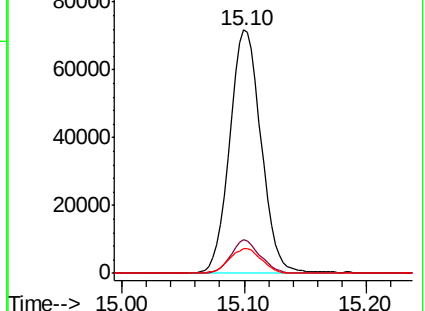
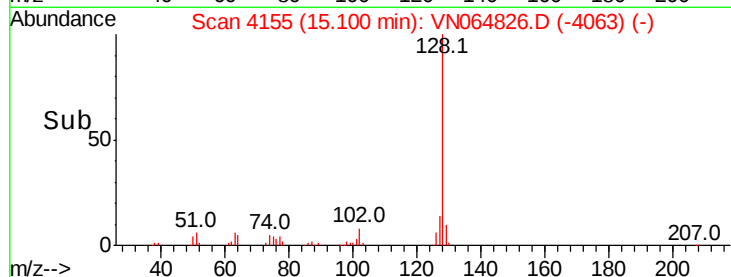
129 10.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.408 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

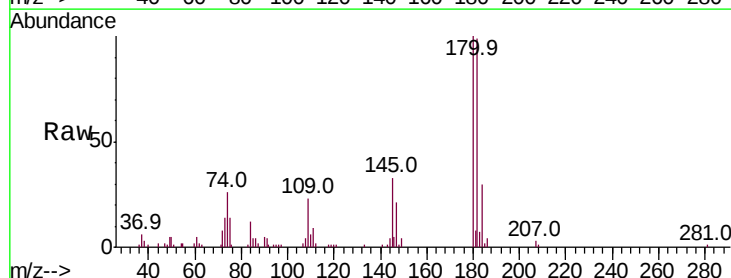
Tgt Ion:180 Resp: 40927

Ion Ratio Lower Upper

180 100

182 99.6 48.1 144.4

145 33.2 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

