

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064827.D
 Acq On : 24 Nov 2020 22:41
 Operator : JC/MD
 Sample : VN1124WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Quant Time: Nov 25 04:09:35 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	7.63	168	187697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	302770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	273425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130502	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	105952	48.56	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.12%	
35) Dibromofluoromethane		7.55	113	92061	50.82	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.64%	
50) Toluene-d8		10.06	98	351105	47.43	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.86%	
62) 4-Bromofluorobenzene		12.37	95	124099	46.84	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	28162	17.312	ug/l	97
3) Chloromethane	2.04	50	36721	17.371	ug/l	98
4) Vinyl Chloride	2.17	62	38714	17.566	ug/l	99
5) Bromomethane	2.54	94	24414	16.884	ug/l	99
6) Chloroethane	2.68	64	25012	18.349	ug/l	97
7) Trichlorofluoromethane	2.99	101	55734	18.294	ug/l	100
8) Diethyl Ether	3.38	74	22466	18.682	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32341	17.696	ug/l	96
10) Methyl Iodide	3.91	142	31067	13.106	ug/l	97
11) Tert butyl alcohol	4.75	59	28892	84.900	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	33274	18.281	ug/l	97
13) Acrolein	3.57	56	14641	70.436	ug/l	100
14) Allyl chloride	4.28	41	53794	17.919	ug/l	99
15) Acrylonitrile	4.94	53	83217	88.519	ug/l	99
16) Acetone	3.78	43	68556	95.573	ug/l	98
17) Carbon Disulfide	4.01	76	85525	18.202	ug/l	99
18) Methyl Acetate	4.28	43	38959	18.064	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	108941	18.662	ug/l	98
20) Methylene Chloride	4.51	84	41402	18.419	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	36227	17.923	ug/l	91
22) Diisopropyl ether	5.91	45	115025	19.143	ug/l	96
23) Vinyl Acetate	5.85	43	457663	95.248	ug/l	100
24) 1,1-Dichloroethane	5.80	63	66674	18.567	ug/l	99
25) 2-Butanone	6.79	43	107477	92.429	ug/l	97
26) 2,2-Dichloropropane	6.78	77	50712	16.283	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	42852	18.841	ug/l	96
28) Bromochloromethane	7.15	49	31134	18.952	ug/l	95
29) Tetrahydrofuran	7.17	42	72279	90.047	ug/l	98
30) Chloroform	7.33	83	68764	18.569	ug/l	99
31) Cyclohexane	7.61	56	55692	18.312	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	59906	18.835	ug/l	99
36) 1,1-Dichloropropene	7.75	75	50190	17.884	ug/l	97
37) Ethyl Acetate	6.88	43	46236	17.104	ug/l	99
38) Carbon Tetrachloride	7.73	117	52489	17.976	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51469	17.037	ug/l	97
40) Benzene	8.00	78	153437	17.842	ug/l	98
41) Methacrylonitrile	7.13	41	19634	15.740	ug/l	98
42) 1,2-Dichloroethane	8.09	62	51234	17.660	ug/l	100
43) Isopropyl Acetate	8.13	43	74955	17.231	ug/l	99
44) Trichloroethene	8.80	130	44221	17.428	ug/l	98
45) 1,2-Dichloropropane	9.08	63	41475	18.623	ug/l	100
46) Dibromomethane	9.17	93	27128	18.233	ug/l	97
47) Bromodichloromethane	9.37	83	53378	17.830	ug/l	99
48) Methyl methacrylate	9.17	41	36113	17.374	ug/l	98
49) 1,4-Dioxane	9.17	88	13119	333.944	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	230657	88.325	ug/l	100
52) Toluene	10.12	92	96117	18.149	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	56328	16.893	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	63289	17.708	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	39390	18.087	ug/l	97
56) Ethyl methacrylate	10.40	69	52538	17.482	ug/l	99
57) 1,3-Dichloropropane	10.68	76	62825	17.488	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	150656	91.135	ug/l	98
59) 2-Hexanone	10.72	43	165182	87.889	ug/l	99
60) Dibromochloromethane	10.87	129	43688	18.047	ug/l	95
61) 1,2-Dibromoethane	10.98	107	38916	17.589	ug/l	99
64) Tetrachloroethene	10.60	164	43057	16.186	ug/l	98
65) Chlorobenzene	11.41	112	106311	18.106	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	39664	18.381	ug/l	100
67) Ethyl Benzene	11.48	91	177360	18.081	ug/l	98
68) m/p-Xylenes	11.59	106	139462	37.552	ug/l	97
69) o-Xylene	11.92	106	64949	18.429	ug/l	97
70) Styrene	11.94	104	110605	18.591	ug/l	99
71) Bromoform	12.10	173	29942	17.373	ug/l #	99
73) Isopropylbenzene	12.22	105	173500	19.114	ug/l	100
74) N-amyl acetate	12.05	43	62552	17.510	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	52134	19.595	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	70154	24.962	ug/l #	100
77) Bromobenzene	12.50	156	44478	18.175	ug/l	98
78) n-propylbenzene	12.56	91	194128	18.773	ug/l	100
79) 2-Chlorotoluene	12.65	91	119660	18.720	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	146265	19.386	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	16861	16.443	ug/l	95
82) 4-Chlorotoluene	12.75	91	123874	18.488	ug/l	100
83) tert-Butylbenzene	12.97	119	123725	19.564	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	149972	19.659	ug/l	98
85) sec-Butylbenzene	13.14	105	162124	19.308	ug/l	100
86) p-Isopropyltoluene	13.26	119	145960	19.093	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	77003	17.710	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80276	17.458	ug/l	99
89) n-Butylbenzene	13.59	91	117524	17.506	ug/l	100
90) Hexachloroethane	13.85	117	25050	18.862	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	76839	17.999	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9913	16.559	ug/l	98

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Quant Title : SW846 8260
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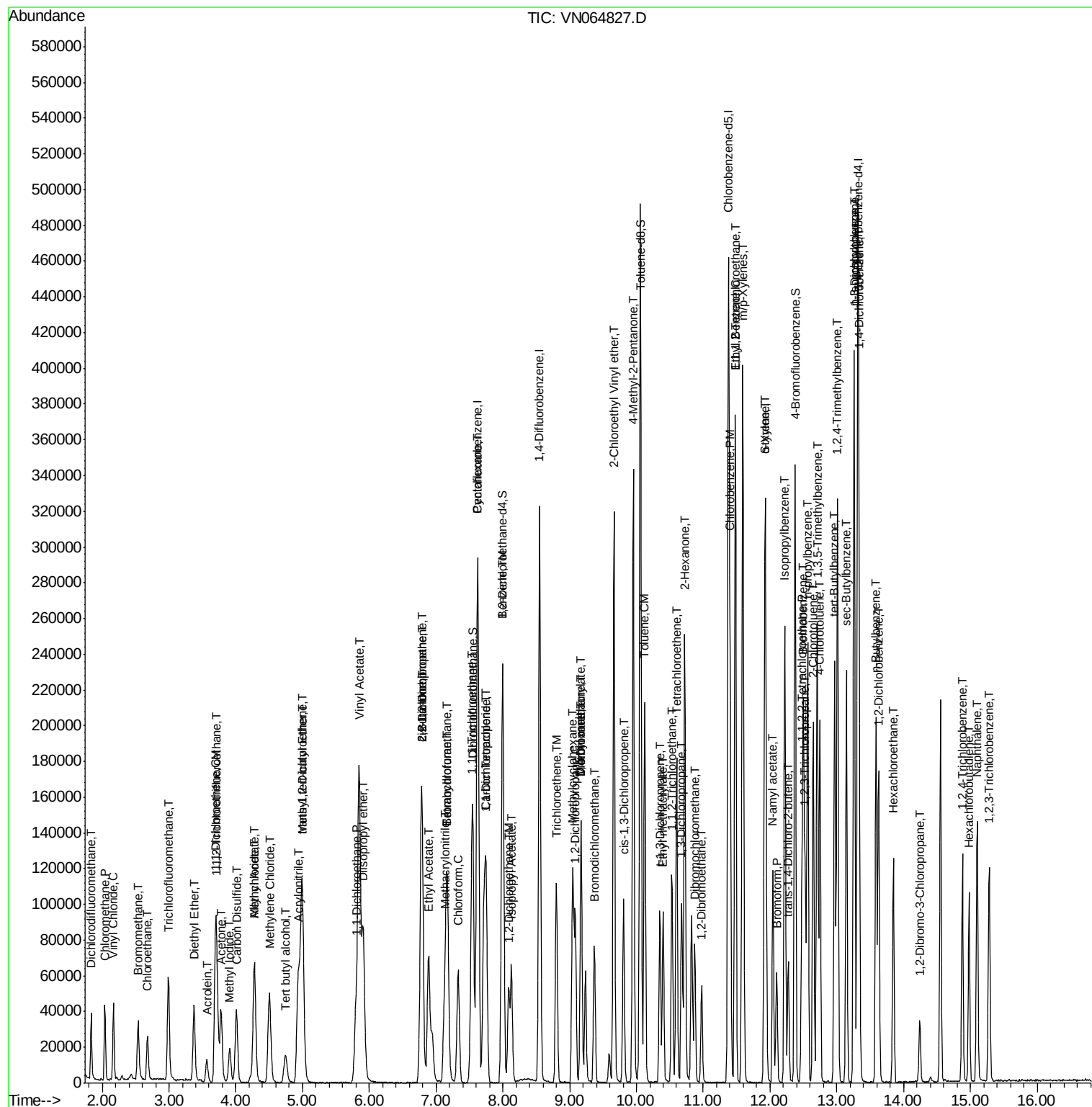
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	43380	16.426	ug/l	99
94) Hexachlorobutadiene	14.98	225	20365	17.369	ug/l	98
95) Naphthalene	15.10	128	129767	16.401	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	42658	17.916	ug/l	99

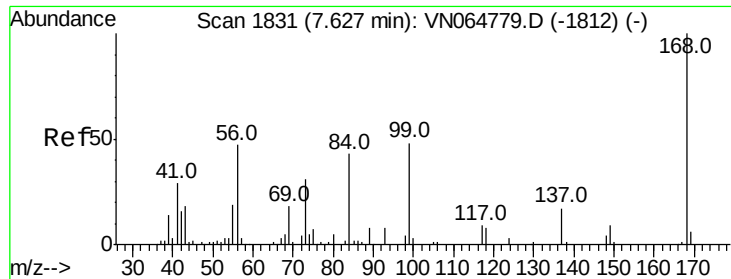
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

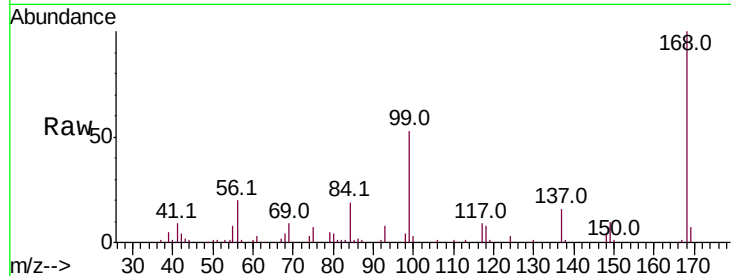
VN1124WBSD02

Tot Ion:168 Resp: 187697

Ion Ratio Lower Upper

168 100

99 52.8 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

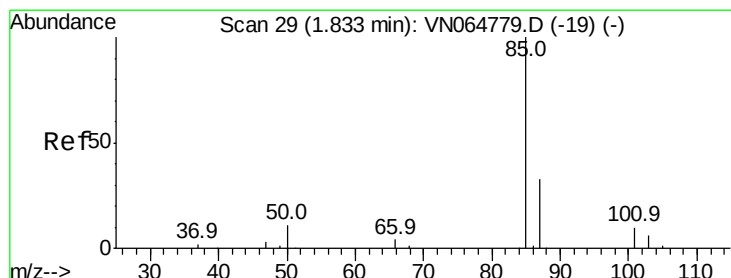
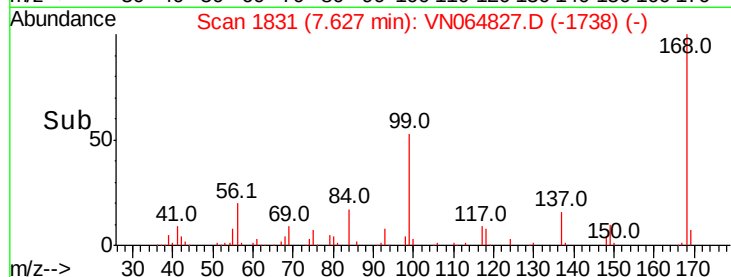
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.312 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064827.D

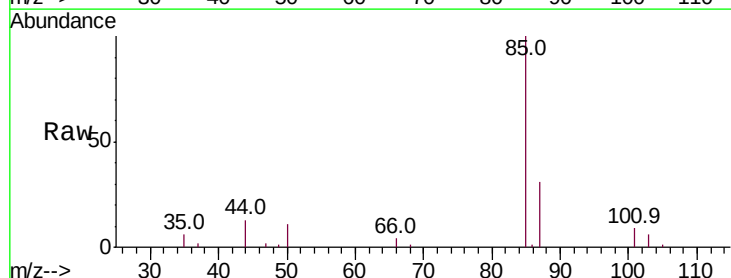
Acq: 24 Nov 2020 22:41

Tgt Ion: 85 Resp: 28162

Ion Ratio Lower Upper

85 100

87 31.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): V

Ion 86.90 (86.60 to 87.60): VN

1.83

20000

15000

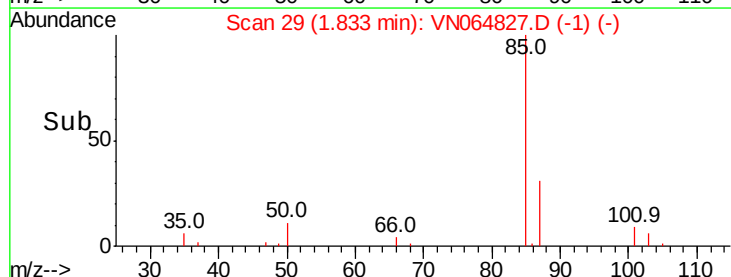
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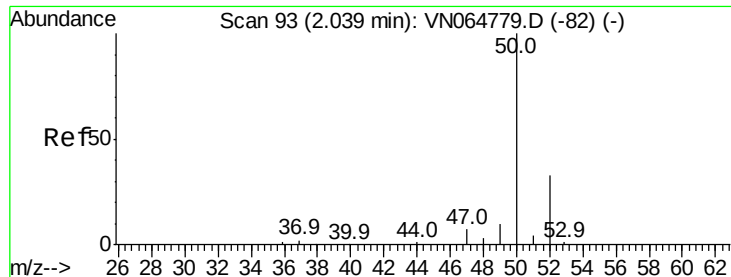
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0

1.80 1.85 1.90

Time-->

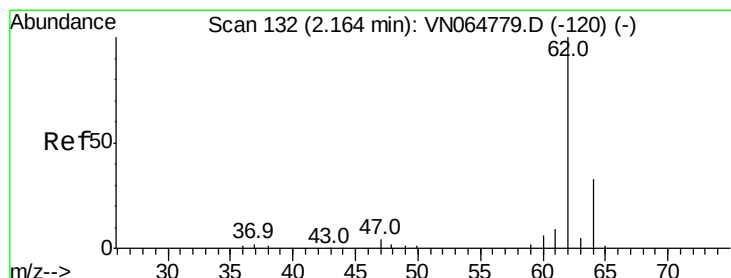
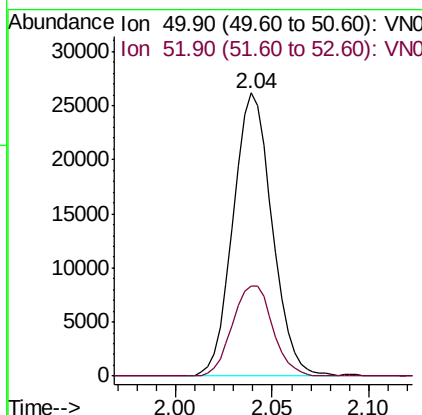
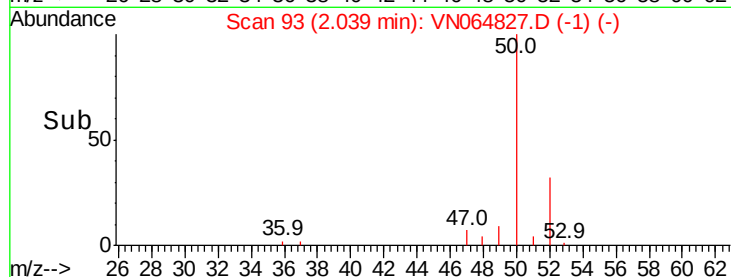
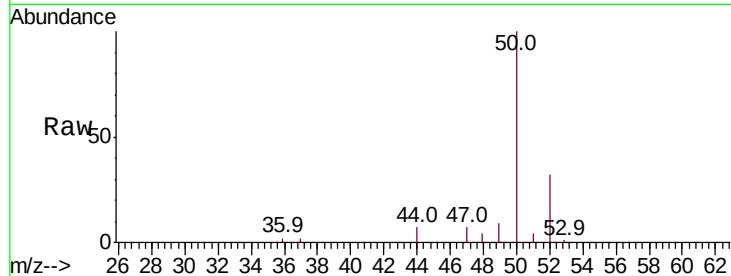




#3
 Chloromethane
 Concen: 17.371 ug/l
 RT: 2.04 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

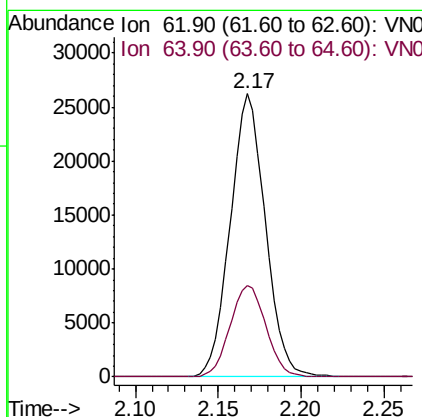
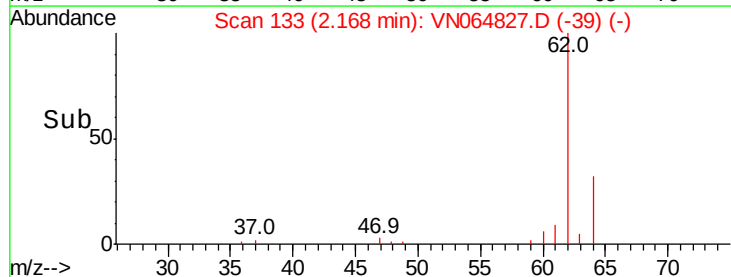
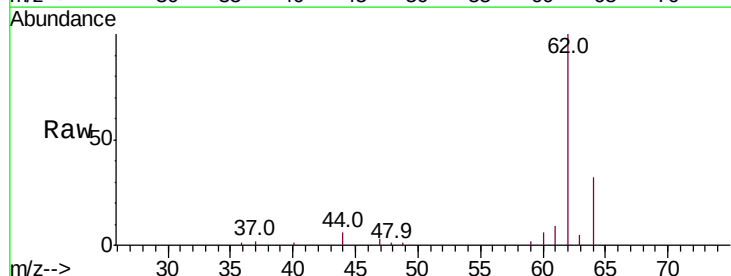
Instrument :
 MSVOA_N
 ClientSampleId :
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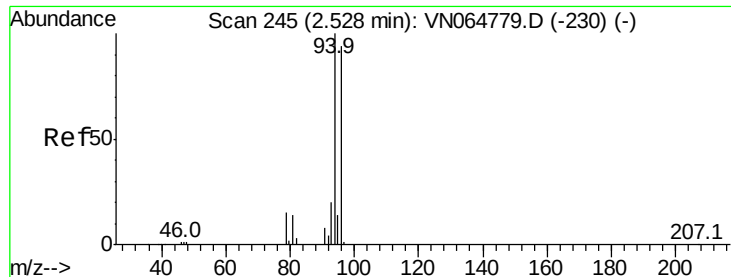
Tot Ion: 50 Resp: 36721
 Ion Ratio Lower Upper
 50 100
 52 32.0 26.6 39.8



#4
 Vinyl Chloride
 Concen: 17.566 ug/l
 RT: 2.17 min Scan# 133
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion: 62 Resp: 38714
 Ion Ratio Lower Upper
 62 100
 64 32.4 26.5 39.7





#5

Bromomethane

Concen: 16.884 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

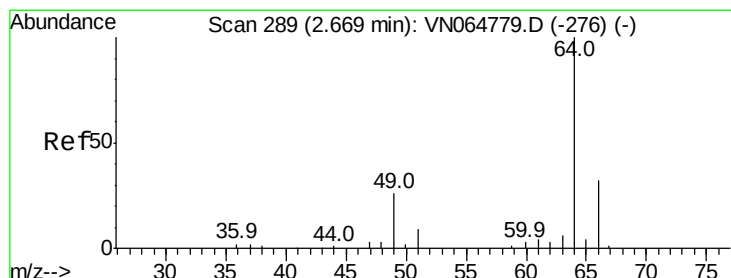
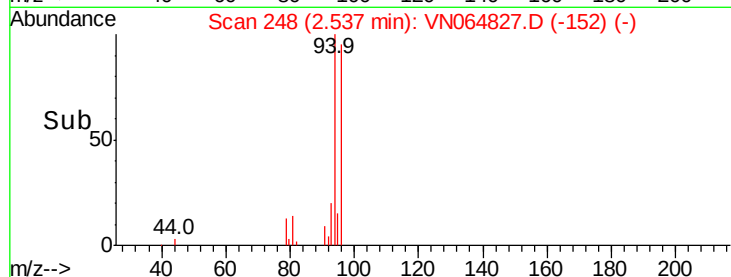
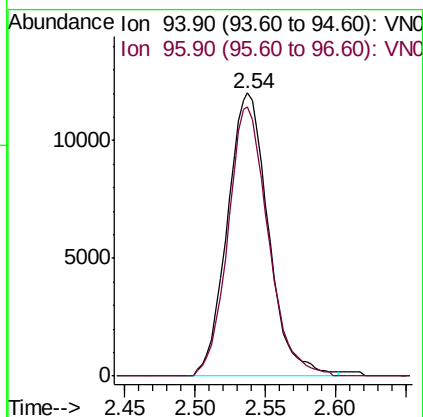
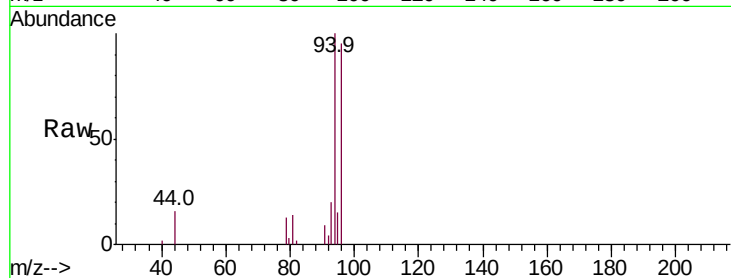
VN1124WBSD02

Tot Ion: 94 Resp: 24414

Ion Ratio Lower Upper

94 100

96 95.2 75.4 113.0



#6

Chloroethane

Concen: 18.349 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN064827.D

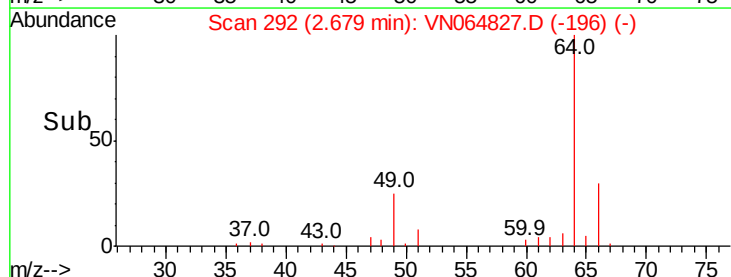
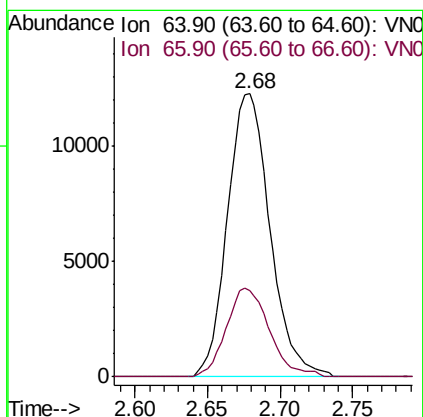
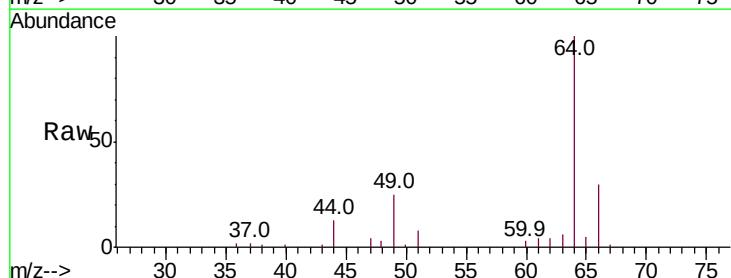
Acq: 24 Nov 2020 22:41

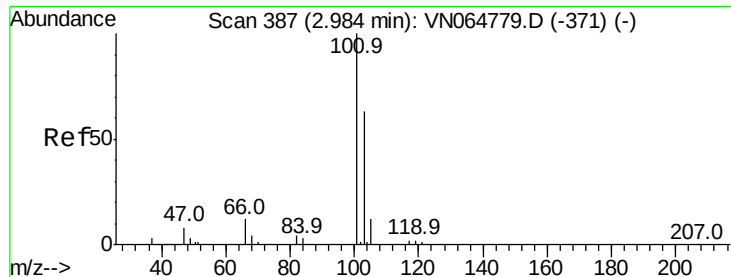
Tgt Ion: 64 Resp: 25012

Ion Ratio Lower Upper

64 100

66 30.5 25.6 38.4



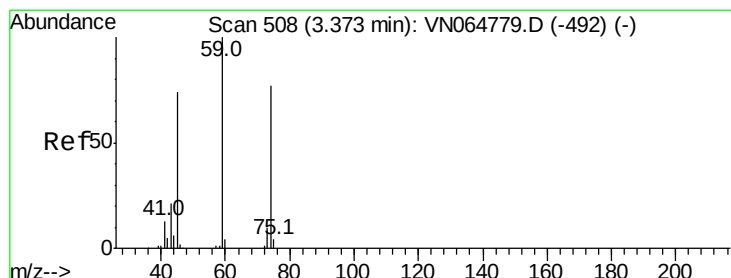
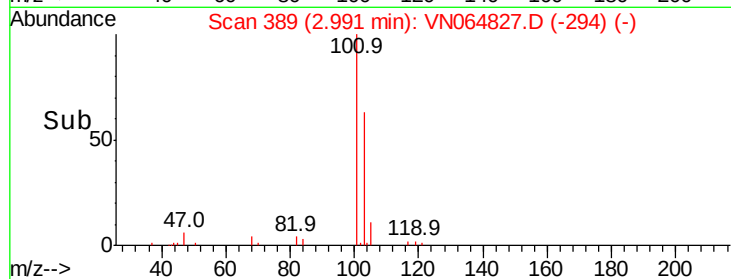
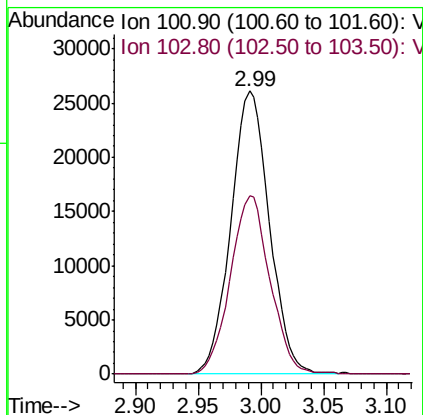
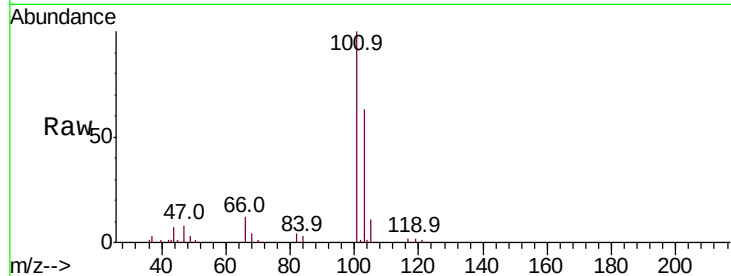


#7

Trichlorofluoromethane
 Concen: 18.294 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

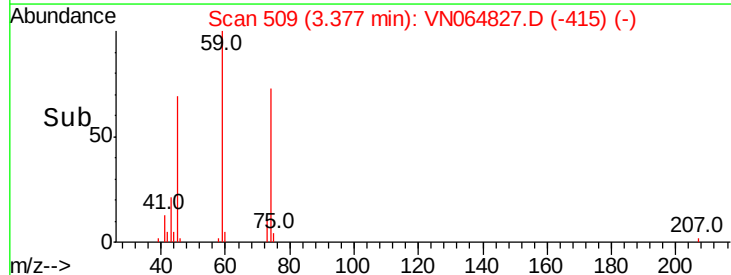
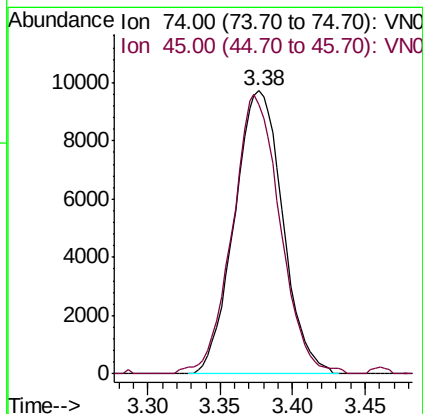
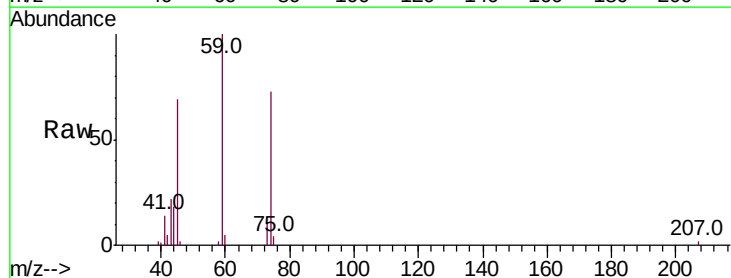
Tot Ion:101 Resp: 55734
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.5 75.7

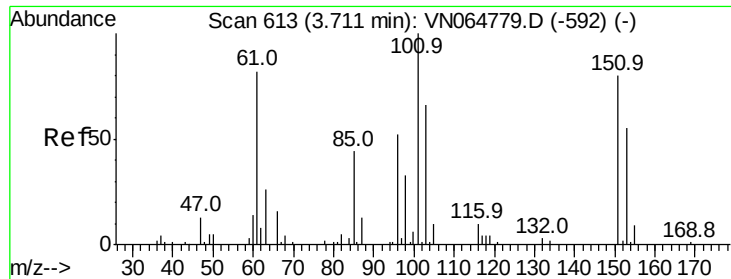


#8

Diethyl Ether
 Concen: 18.682 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion: 74 Resp: 22466
 Ion Ratio Lower Upper
 74 100
 45 97.6 48.9 146.8

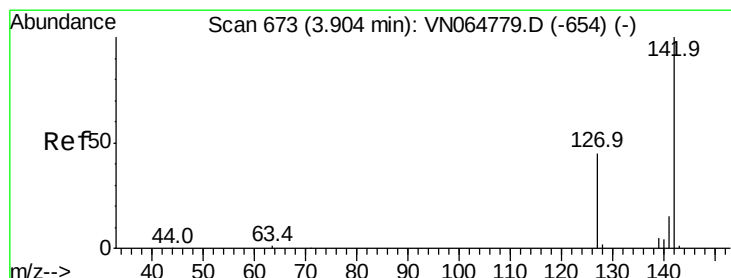
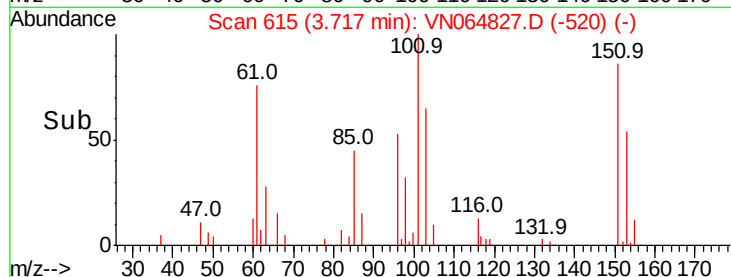
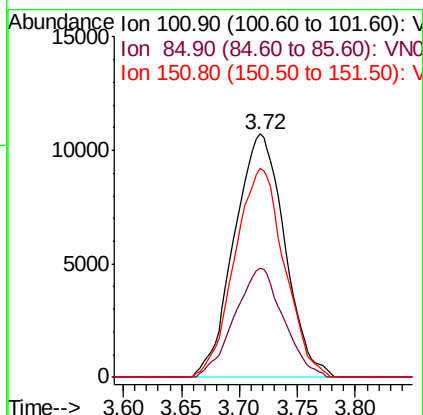
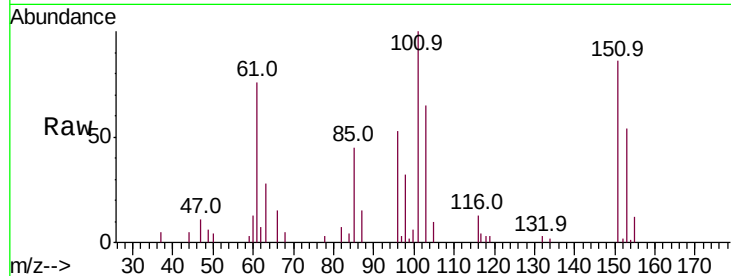




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.696 ug/l
 RT: 3.72 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

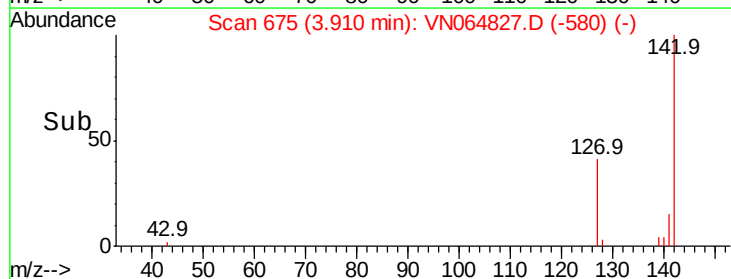
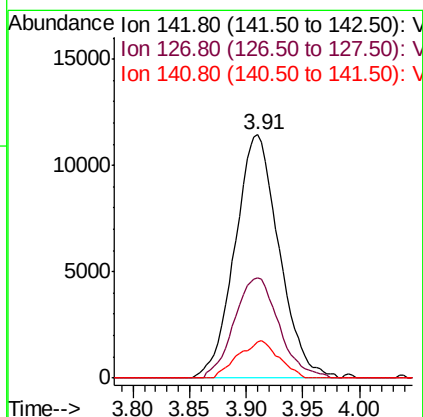
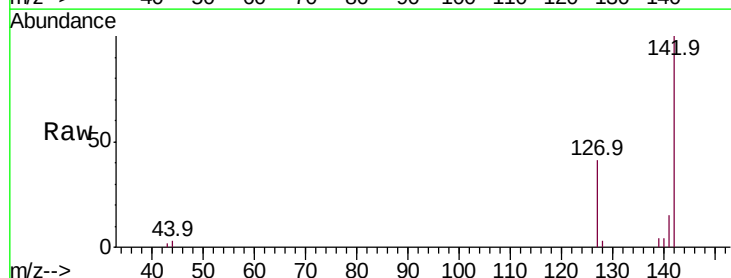
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

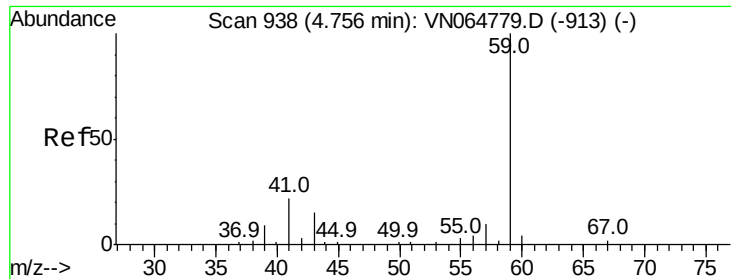
Tot Ion:	101	Resp:	32341
Ion	Ratio	Lower	Upper
101	100		
85	43.5	34.4	51.6
151	84.7	64.0	96.0



#10
 Methyl Iodide
 Concen: 13.106 ug/l
 RT: 3.91 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion:	142	Resp:	31067
Ion	Ratio	Lower	Upper
142	100		
127	41.9	35.0	52.6
141	14.1	11.8	17.6



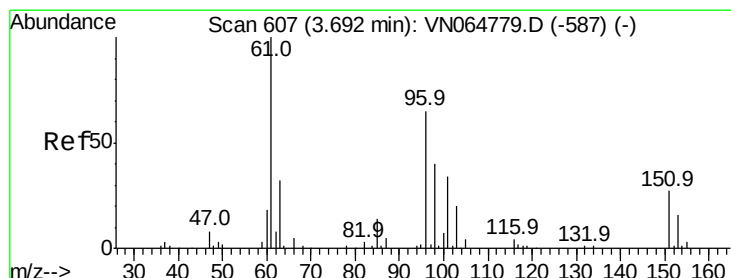
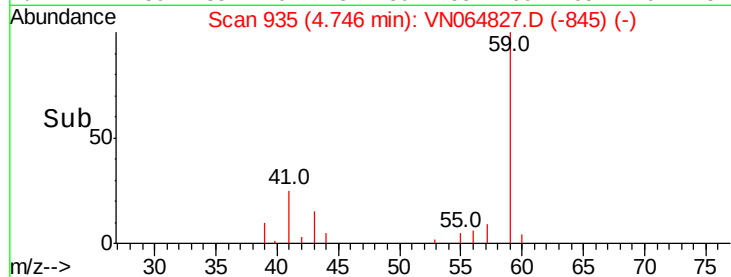
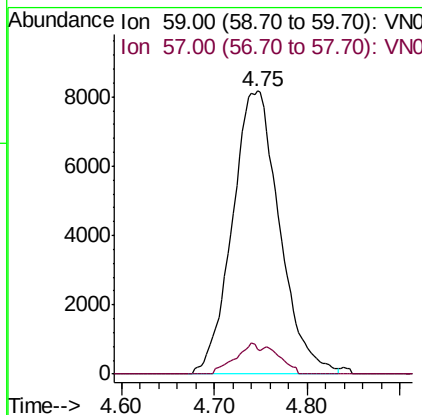
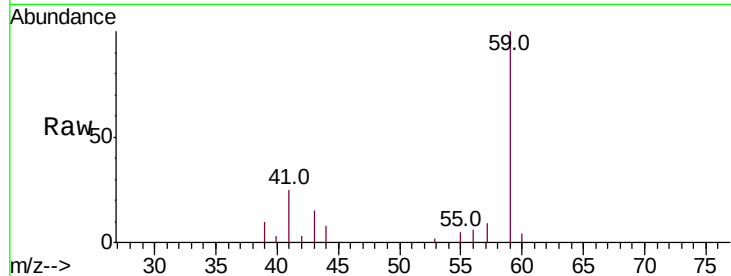


#11

Tert butyl alcohol
 Concen: 84.900 ug/l
 RT: 4.75 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

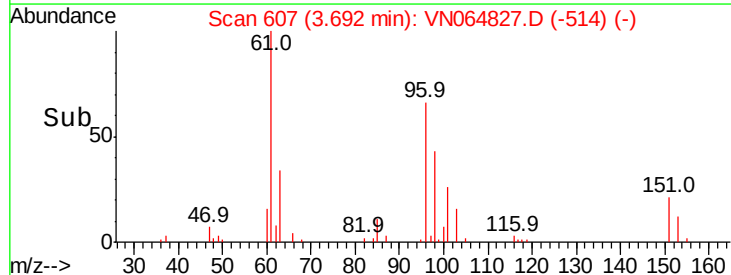
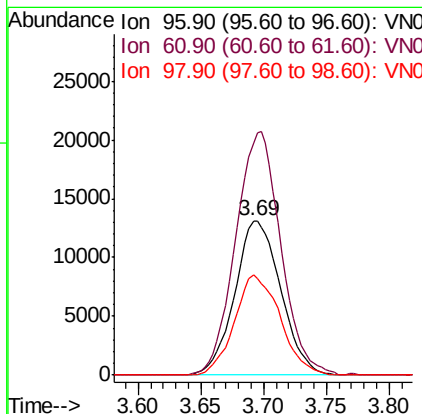
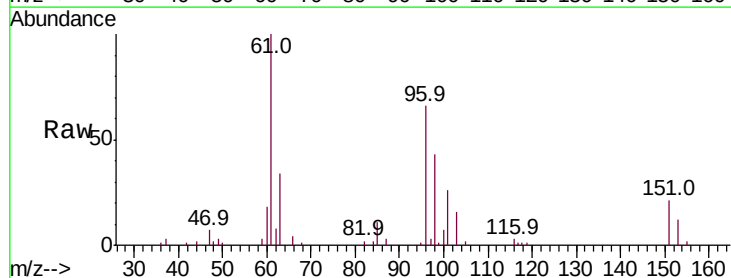
Tot Ion: 59 Resp: 28892
 Ion Ratio Lower Upper
 59 100
 57 5.6 7.9 11.9#

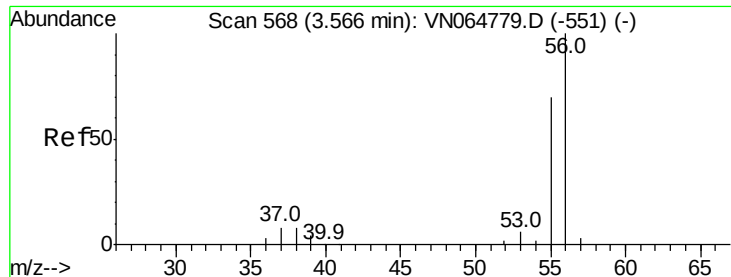


#12

1,1-Dichloroethene
 Concen: 18.281 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion: 96 Resp: 33274
 Ion Ratio Lower Upper
 96 100
 61 150.7 123.4 185.2
 98 64.7 49.8 74.8





#13

Acrolein

Concen: 70.436 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

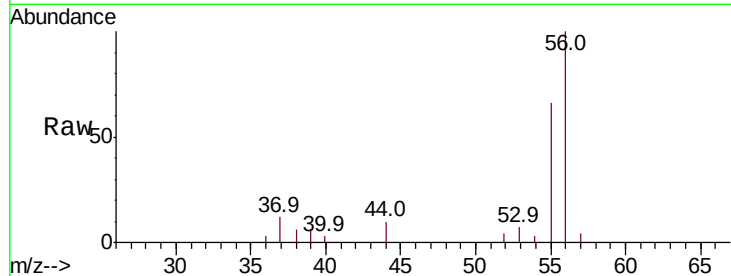
VN1124WBSD02

Tot Ion: 56 Resp: 14641

Ion Ratio Lower Upper

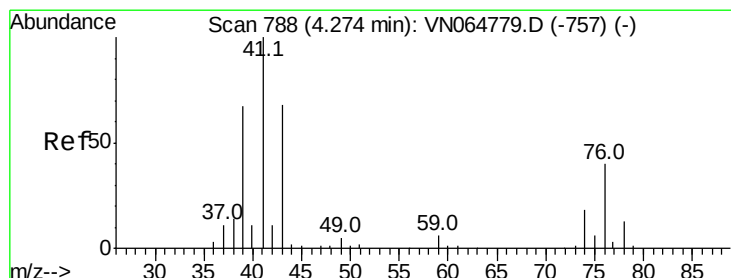
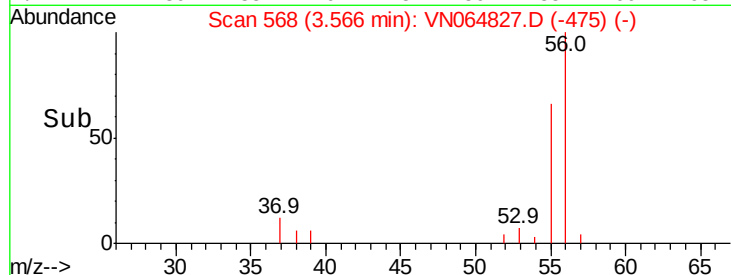
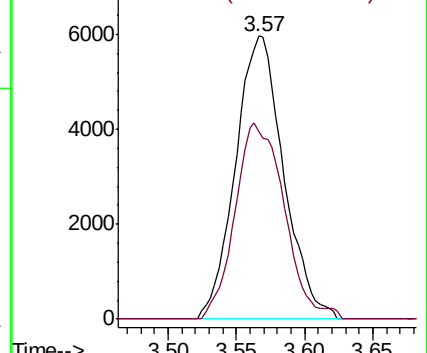
56 100

55 70.9 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 17.919 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

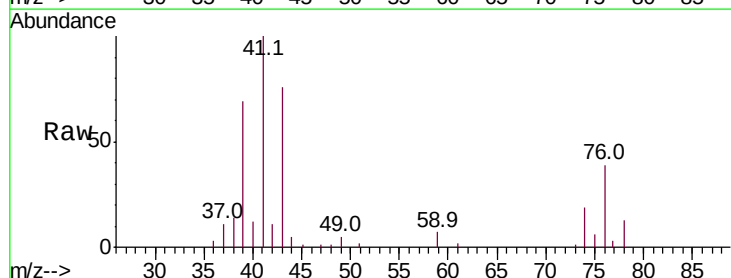
Tgt Ion: 41 Resp: 53794

Ion Ratio Lower Upper

41 100

39 62.8 50.9 76.3

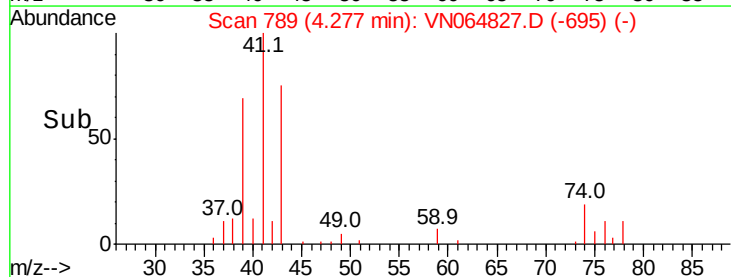
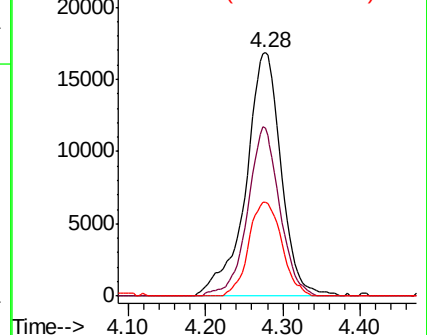
76 36.2 29.0 43.4

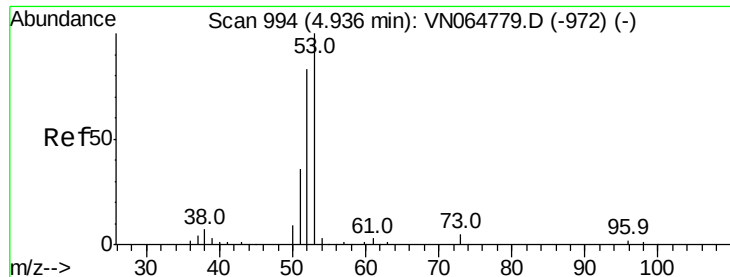


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 88.519 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

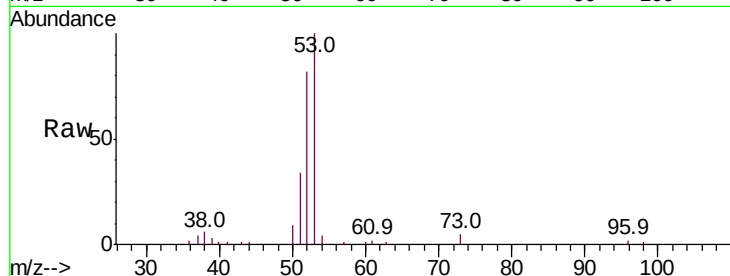
Tot Ion: 53 Resp: 83217

Ion Ratio Lower Upper

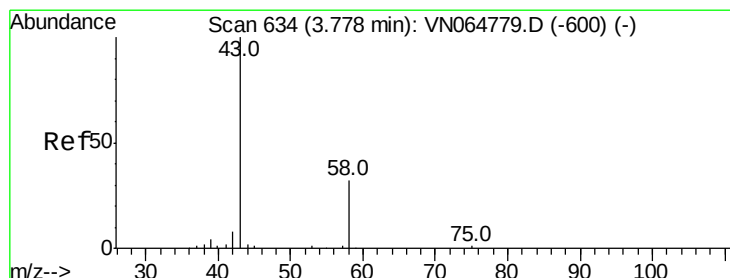
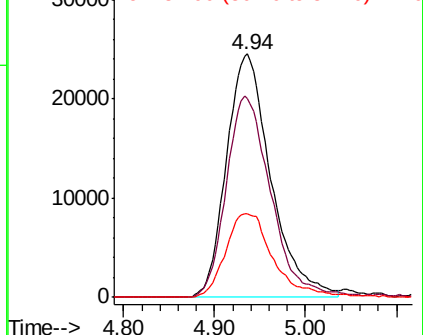
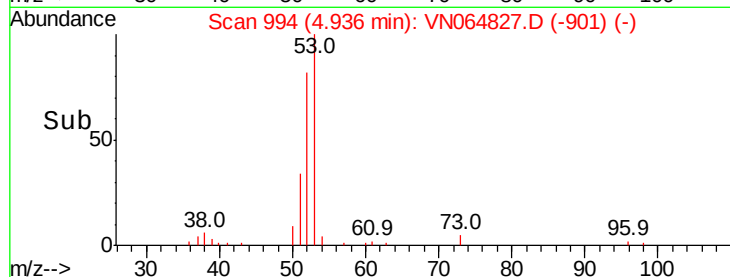
53 100

52 82.1 65.5 98.3

51 36.8 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064827.D (-901) (-)



#16

Acetone

Concen: 95.573 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064827.D

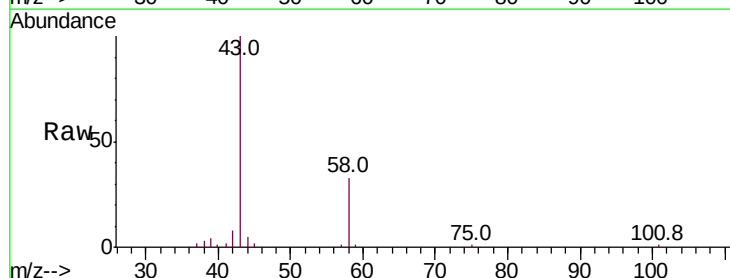
Acq: 24 Nov 2020 22:41

Tgt Ion: 43 Resp: 68556

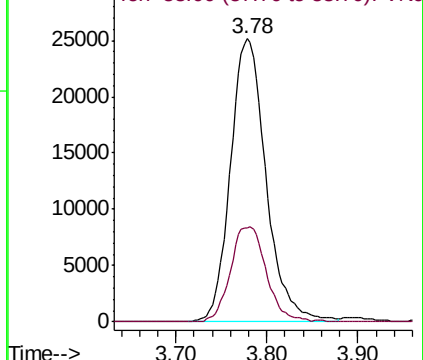
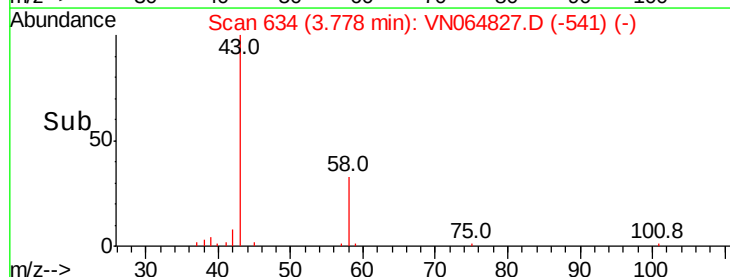
Ion Ratio Lower Upper

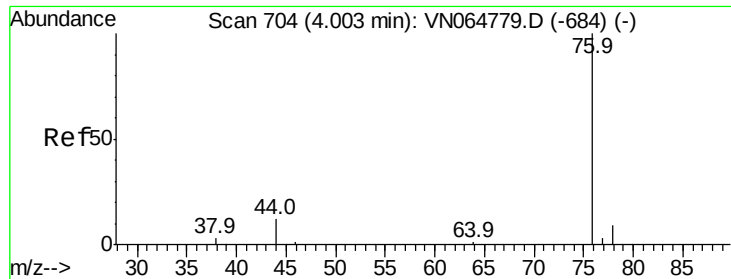
43 100

58 33.4 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064827.D (-541) (-)

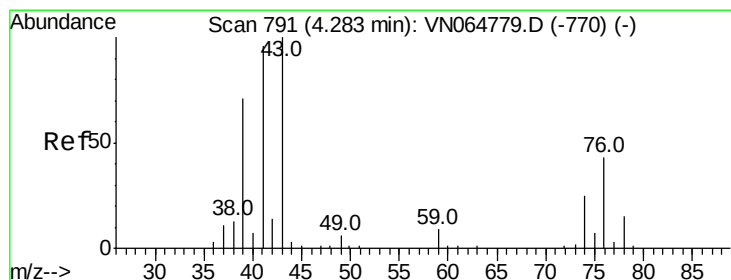
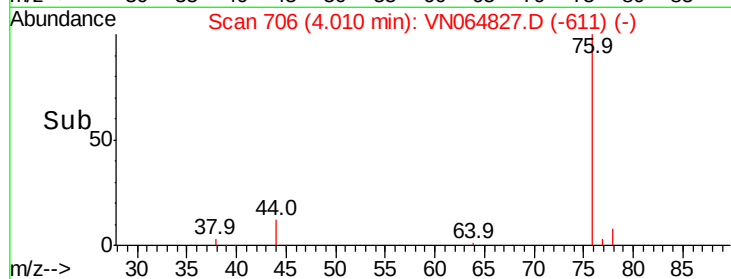
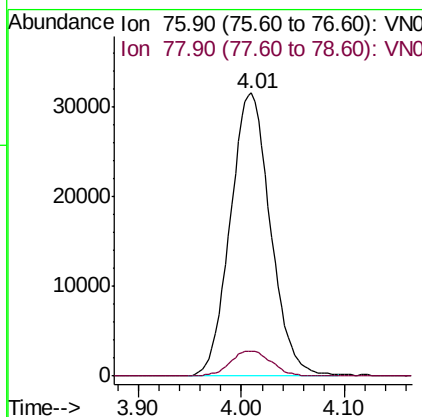
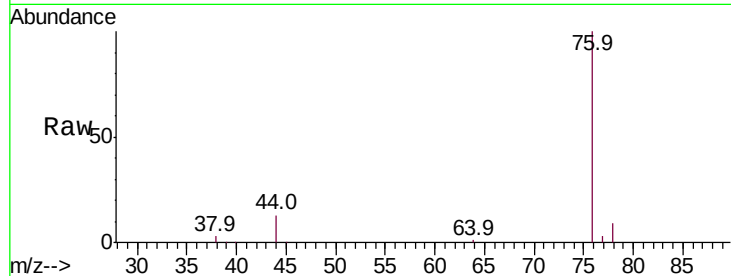




#17
Carbon Disulfide
Concen: 18.202 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.01 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

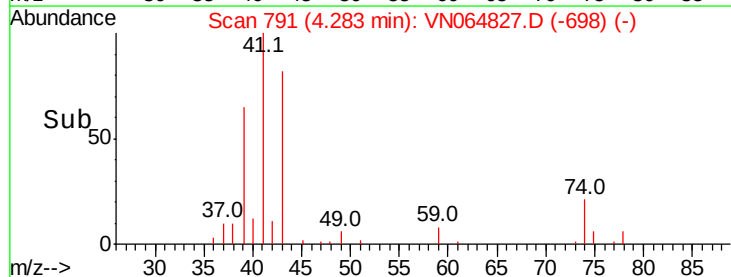
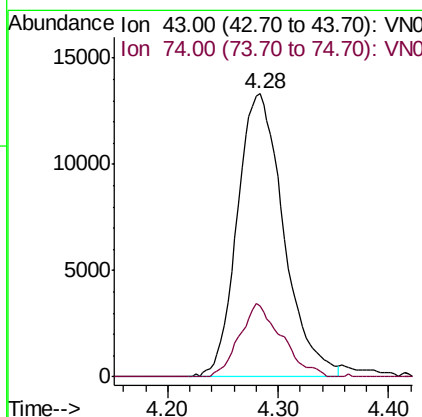
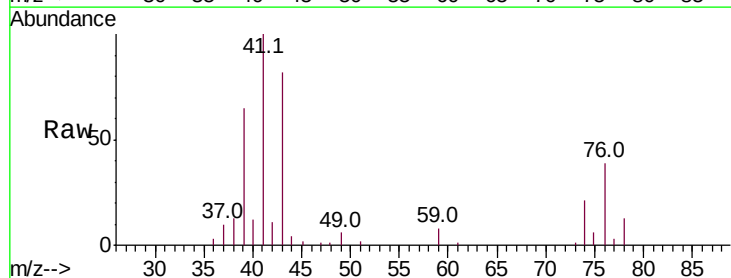
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

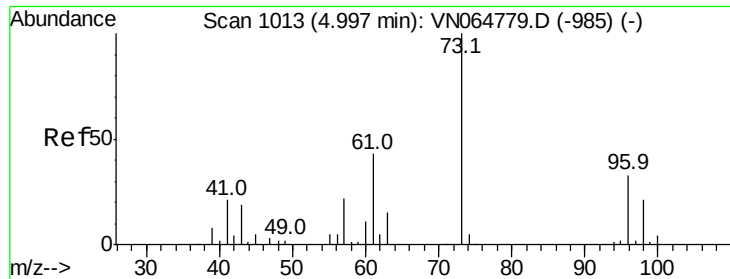
Tot Ion: 76 Resp: 85525
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 18.064 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion: 43 Resp: 38959
Ion Ratio Lower Upper
43 100
74 23.5 20.2 30.2

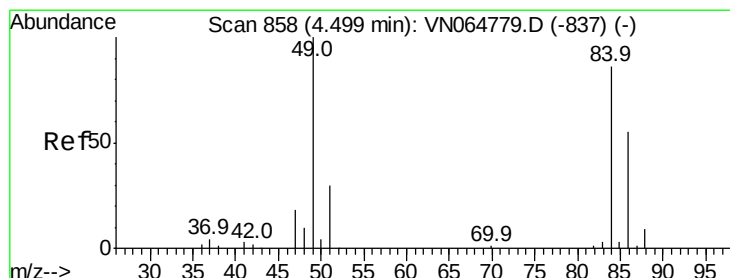
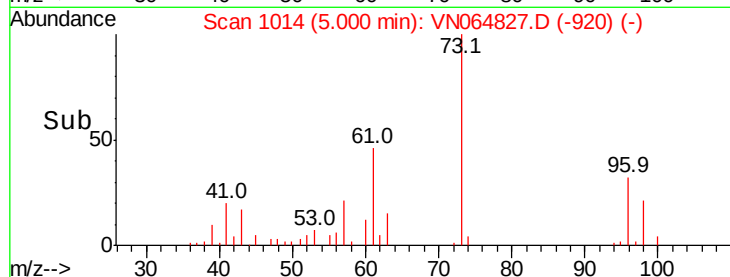
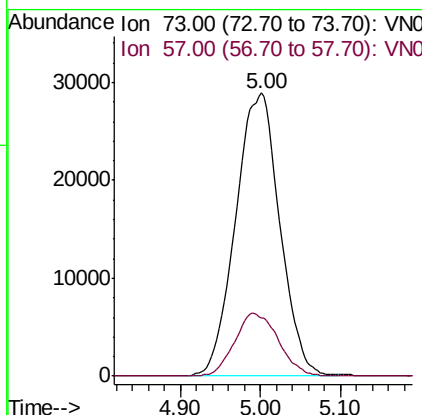
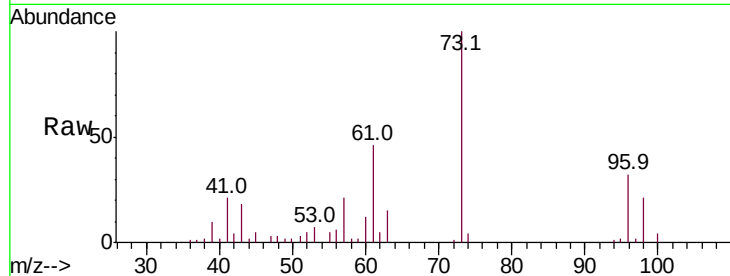




#19
Methyl tert-butyl Ether
Concen: 18.662 ug/l
RT: 5.00 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

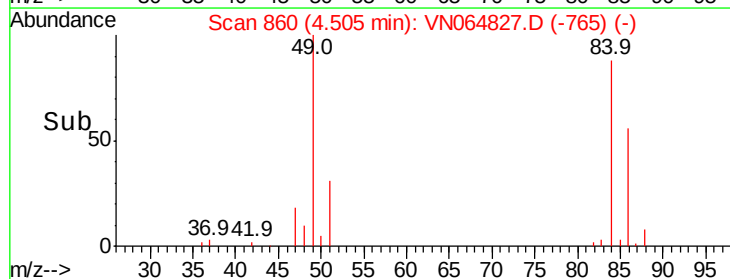
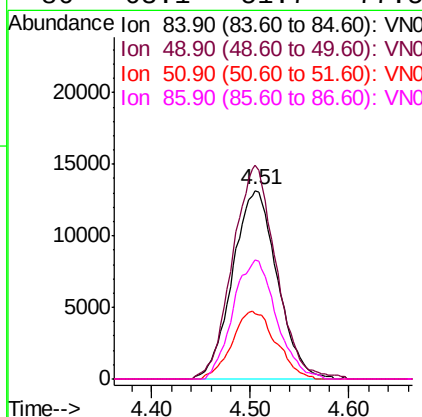
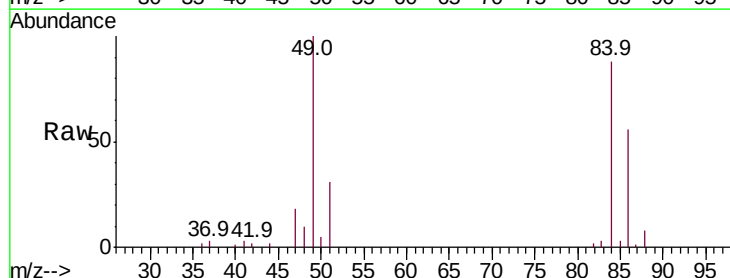
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

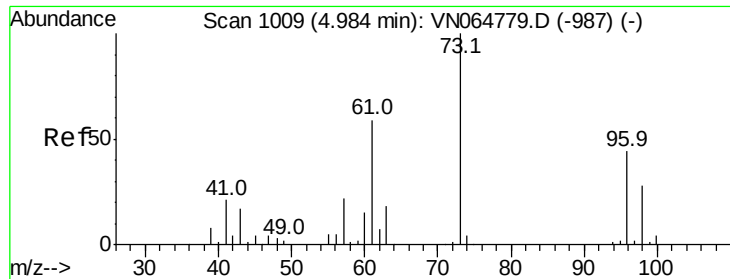
Tot Ion: 73 Resp: 108941
Ion Ratio Lower Upper
73 100
57 20.6 17.4 26.0



#20
Methylene Chloride
Concen: 18.419 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion: 84 Resp: 41402
Ion Ratio Lower Upper
84 100
49 113.3 93.4 140.0
51 34.7 28.2 42.4
86 63.1 51.7 77.5

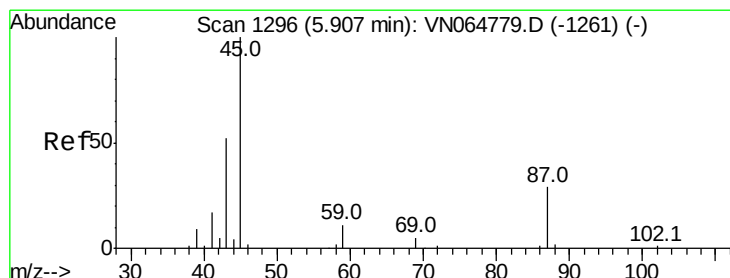
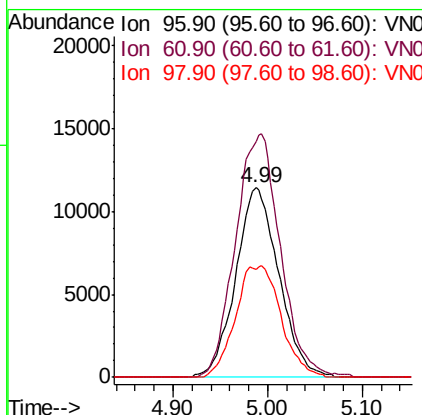
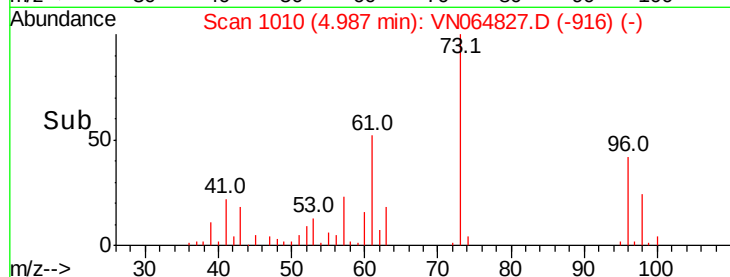
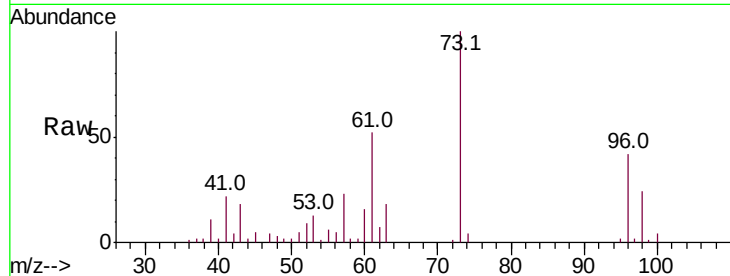




#21
trans-1,2-Dichloroethene
Concen: 17.923 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

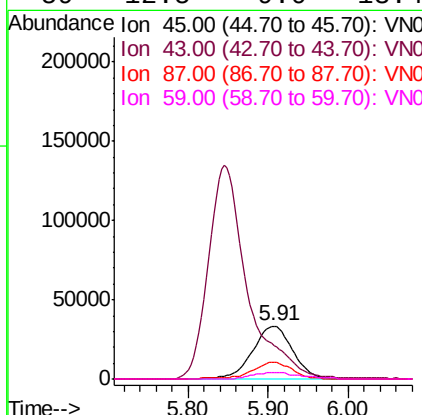
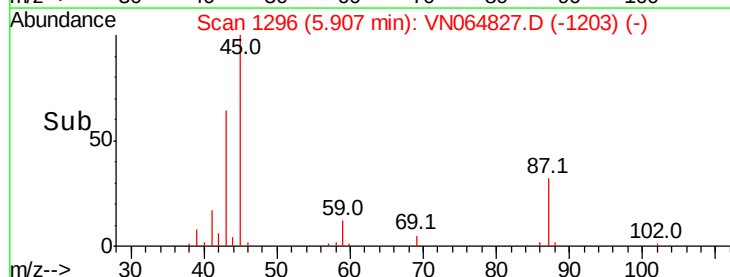
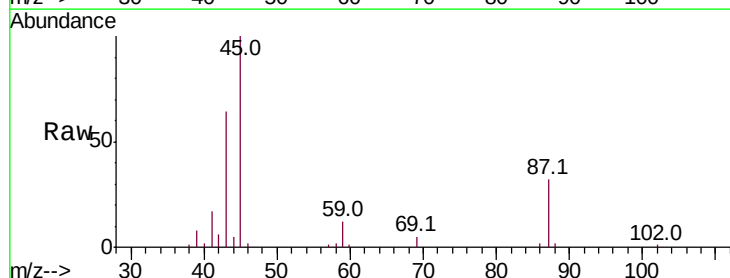
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

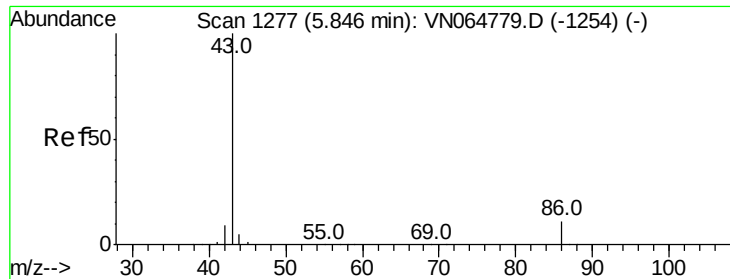
Tot Ion: 96 Resp: 36227
Ion Ratio Lower Upper
96 100
61 124.6 108.4 162.6
98 57.0 51.3 76.9



#22
Diisopropyl ether
Concen: 19.143 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion: 45 Resp: 115025
Ion Ratio Lower Upper
45 100
43 60.8 46.2 69.2
87 31.6 24.1 36.1
59 12.5 9.0 13.4

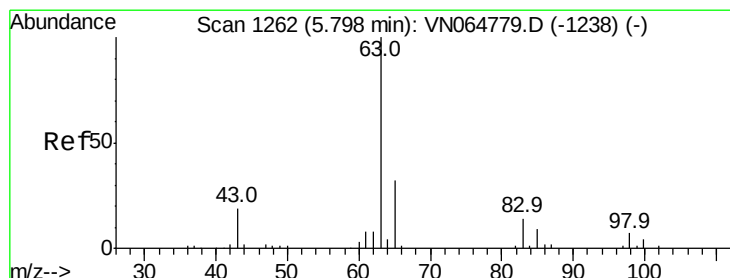
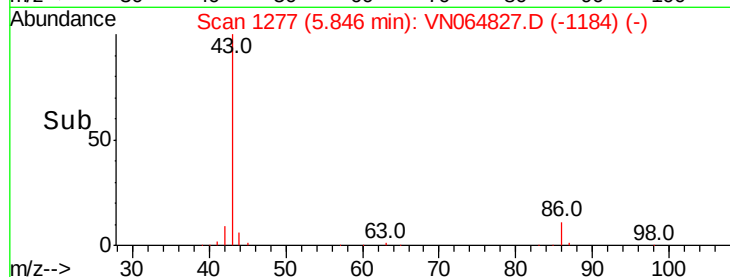
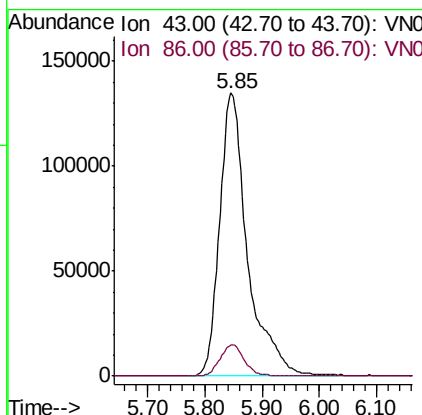
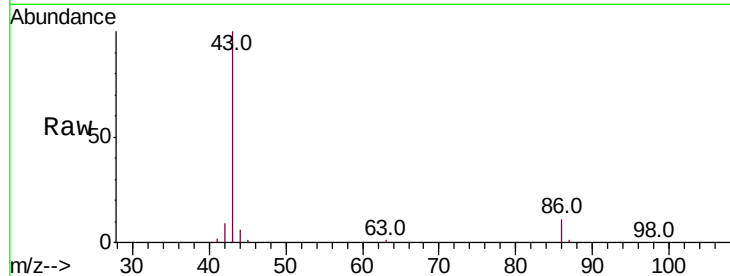




#23
 Vinyl Acetate
 Concen: 95.248 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

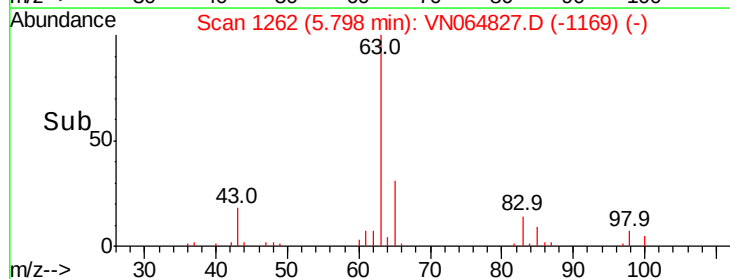
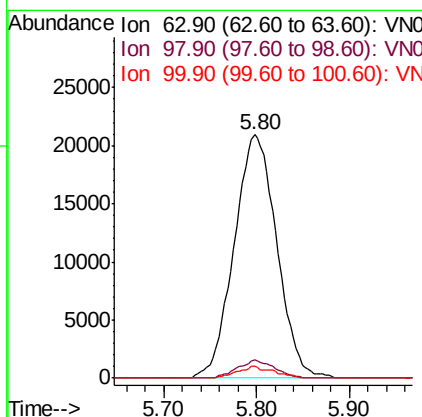
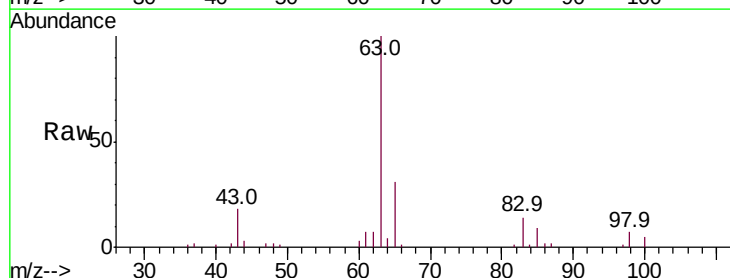
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

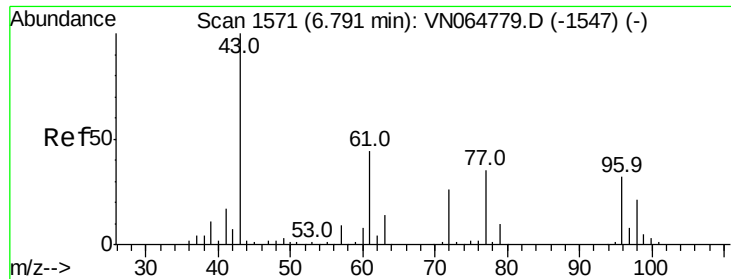
Tot Ion: 43 Resp: 457663
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 18.567 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion: 63 Resp: 66674
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 5.0 2.3 6.8

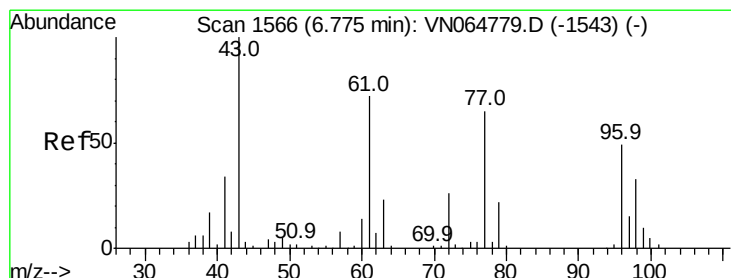
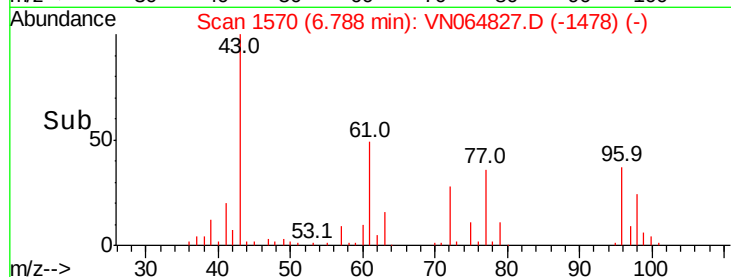
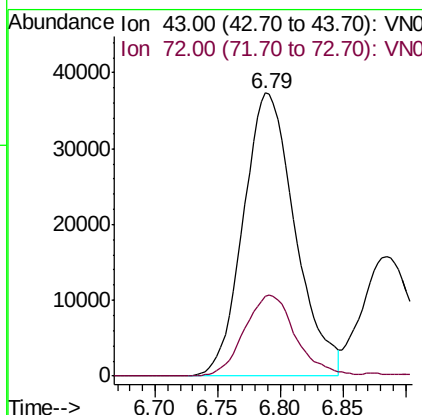
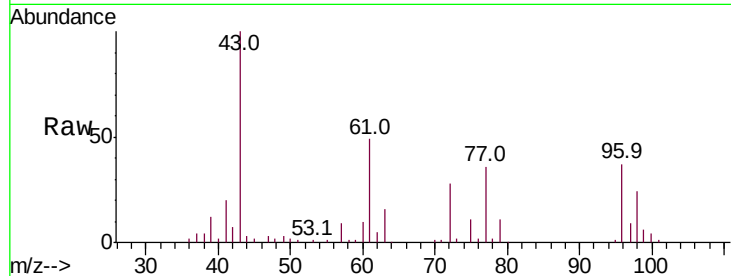




#25
2-Butanone
Concen: 92.429 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

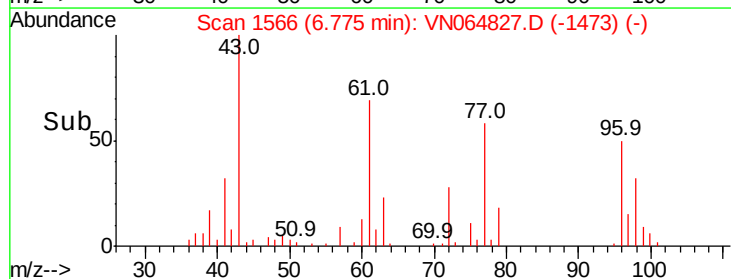
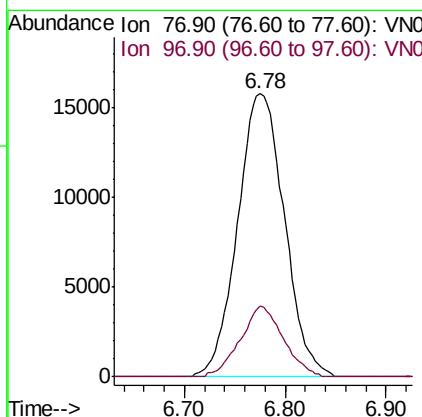
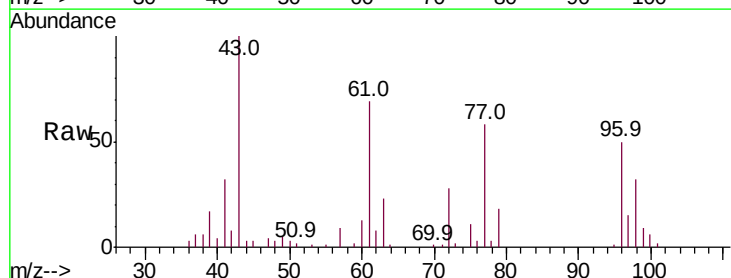
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

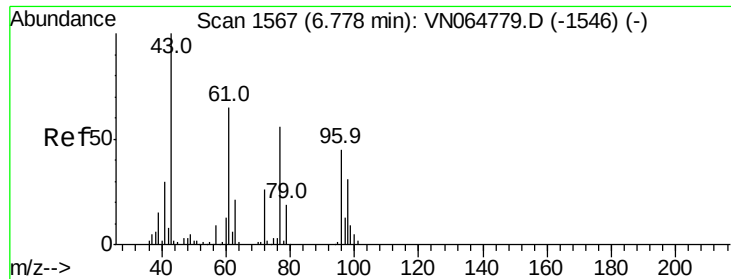
Tot Ion: 43 Resp: 107477
Ion Ratio Lower Upper
43 100
72 28.0 21.0 31.6



#26
2,2-Dichloropropane
Concen: 16.283 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion: 77 Resp: 50712
Ion Ratio Lower Upper
77 100
97 23.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.841 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

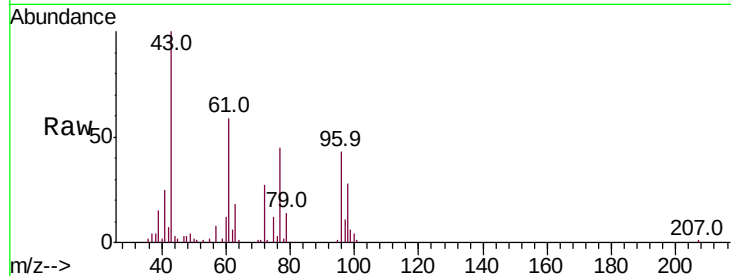
Tot Ion: 96 Resp: 42852

Ion Ratio Lower Upper

96 100

61 136.6 0.0 285.8

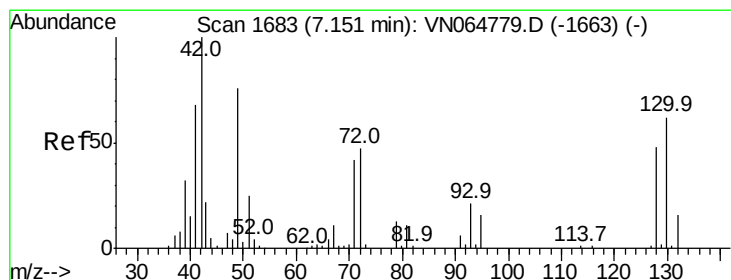
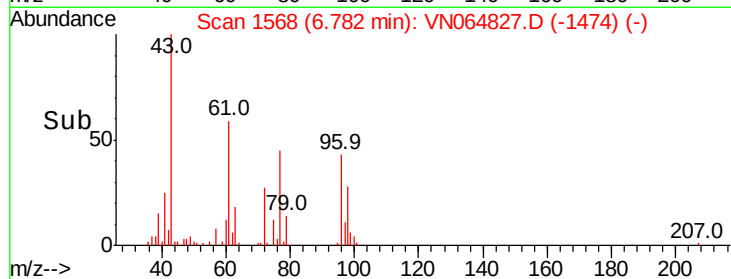
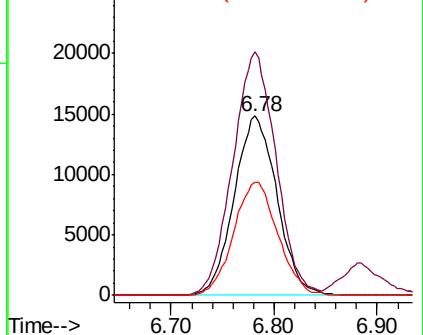
98 65.1 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1546) (-)



#28

Bromochloromethane

Concen: 18.952 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

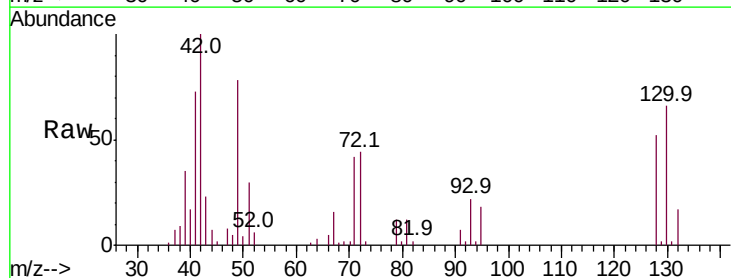
Tgt Ion: 49 Resp: 31134

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

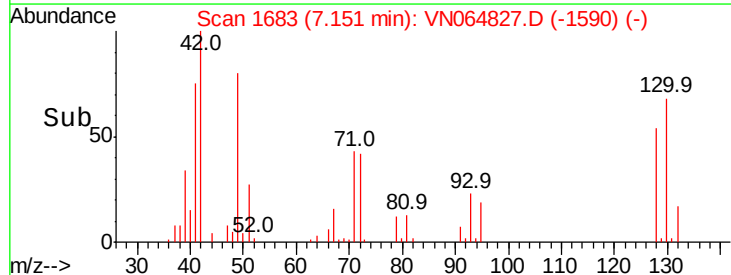
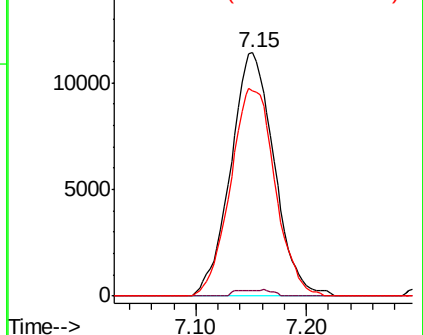
130 87.5 66.2 99.2

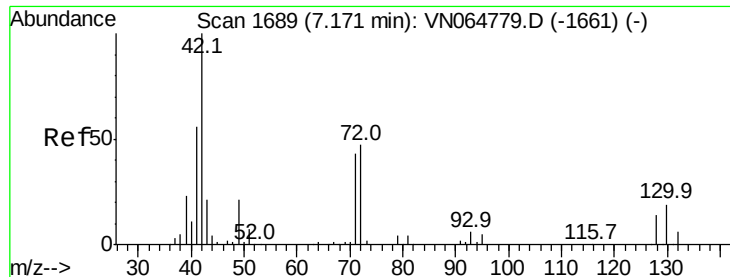


Abundance Ion 48.90 (48.60 to 49.60): VN064779.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN064779.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN064779.D (-1663) (-)

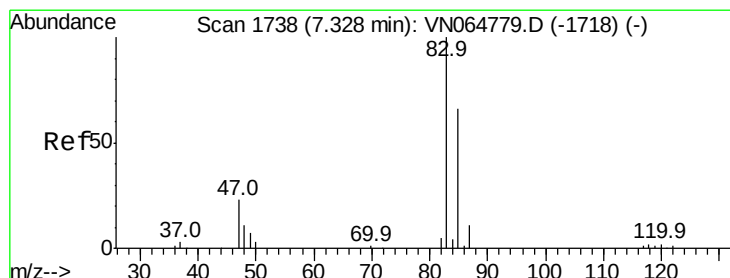
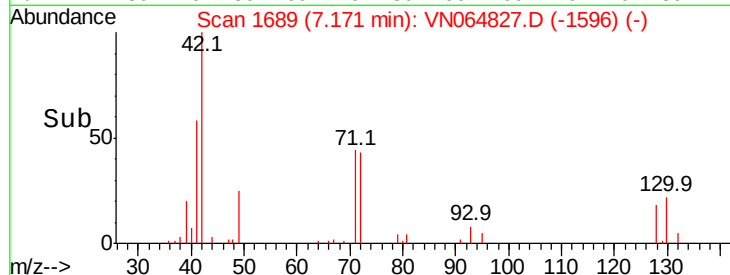
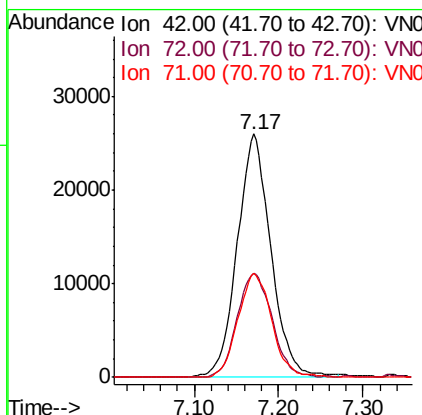
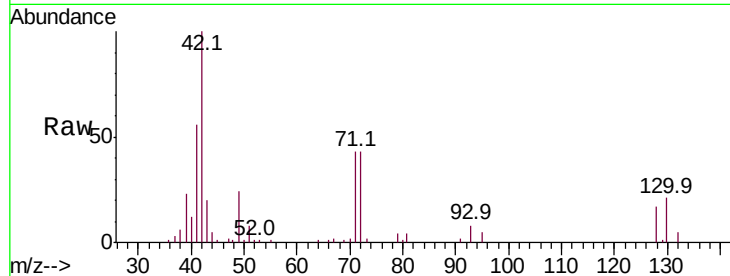




#29
Tetrahydrofuran
Concen: 90.047 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

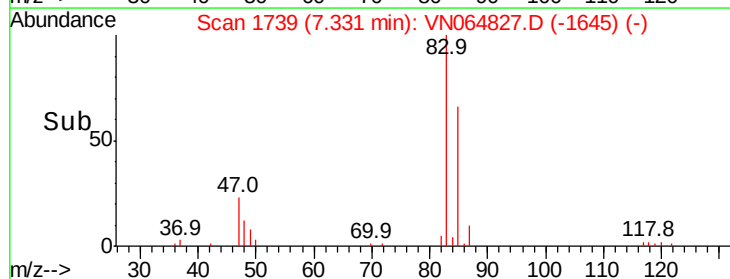
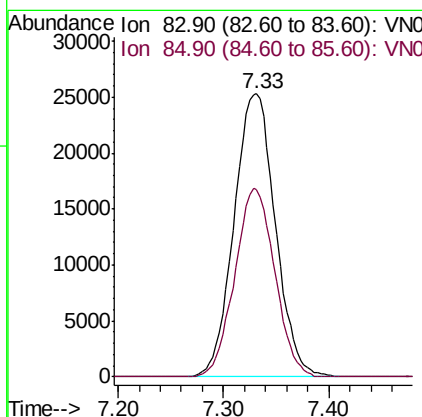
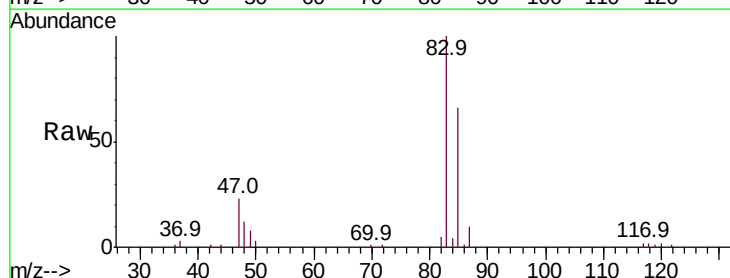
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

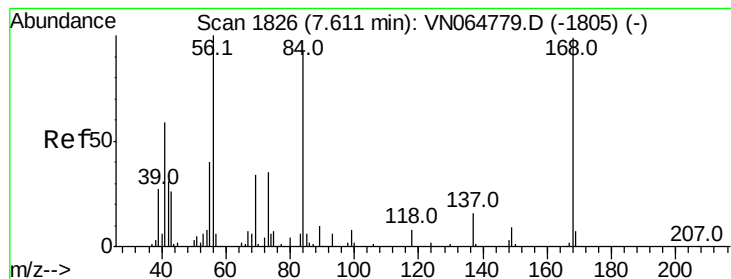
Tot Ion: 42 Resp: 72279
Ion Ratio Lower Upper
42 100
72 44.3 36.6 54.8
71 42.8 33.6 50.4



#30
Chloroform
Concen: 18.569 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion: 83 Resp: 68764
Ion Ratio Lower Upper
83 100
85 66.4 52.6 78.8





#31

Cyclohexane

Concen: 18.312 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

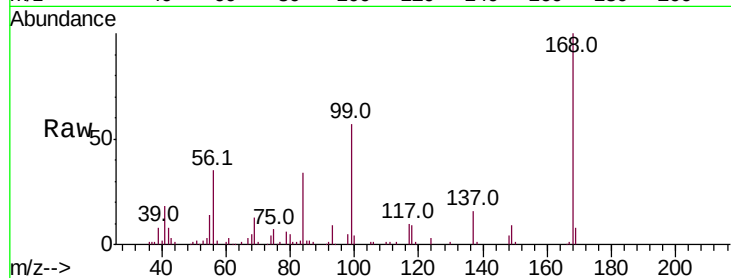
Tot Ion: 56 Resp: 55692

Ion Ratio Lower Upper

56 100

69 38.2 27.5 41.3

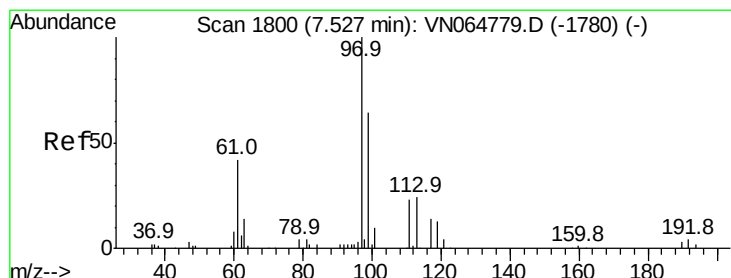
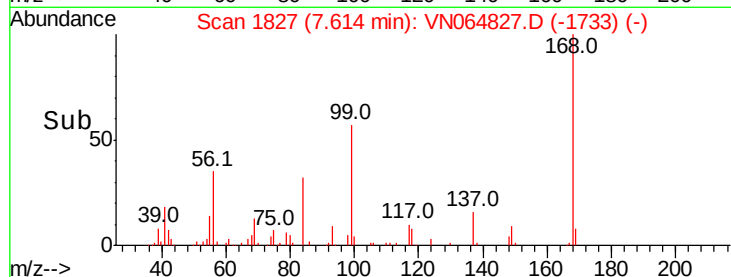
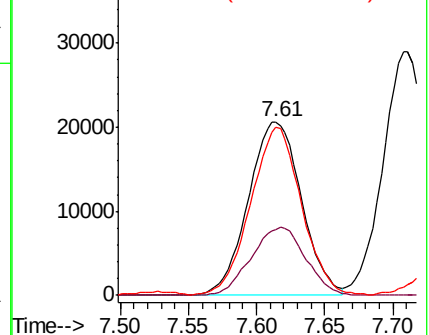
84 96.7 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064827.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064827.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064827.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 18.835 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

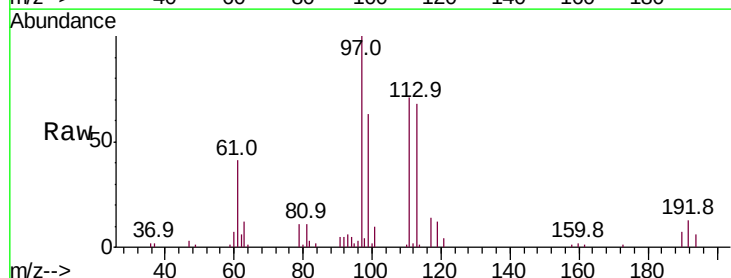
Tgt Ion: 97 Resp: 59906

Ion Ratio Lower Upper

97 100

99 62.7 51.7 77.5

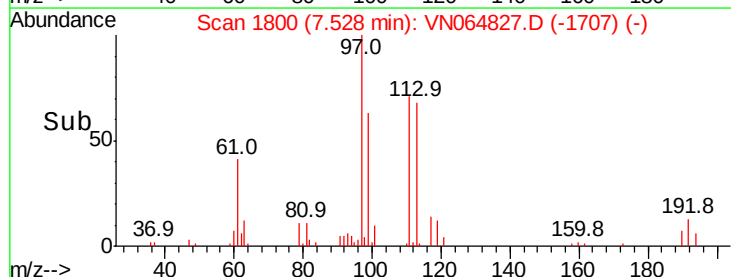
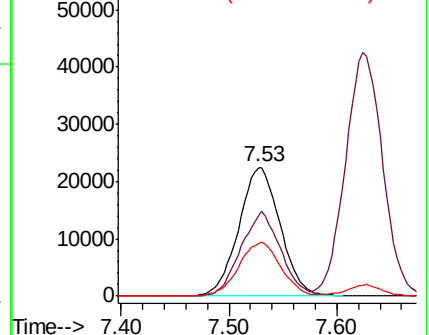
61 42.4 33.9 50.9

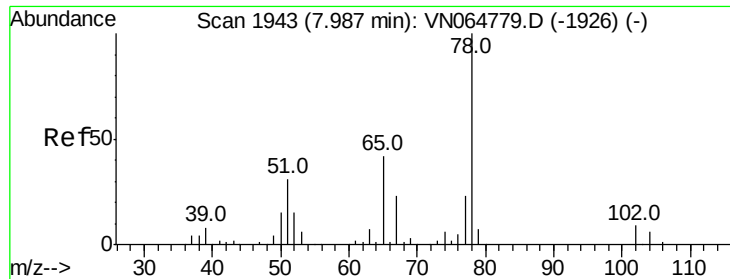


Abundance Ion 96.90 (96.60 to 97.60): VN064827.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064827.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064827.D (-1707) (-)

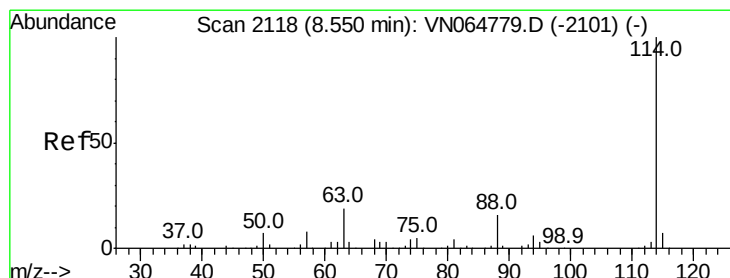
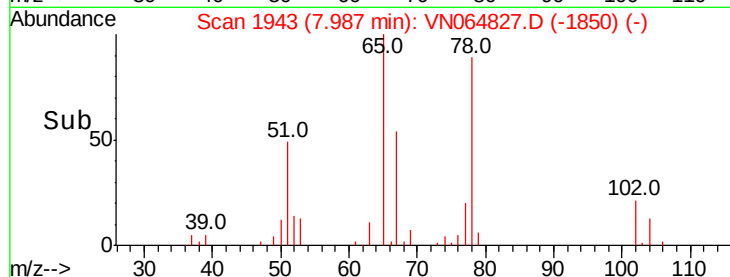
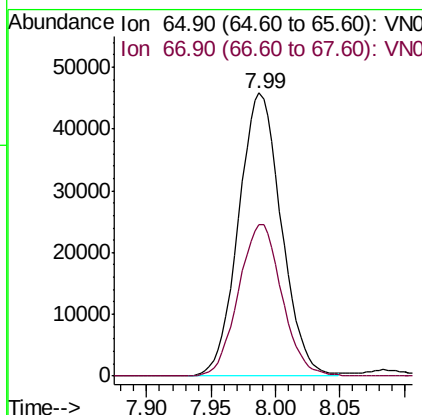
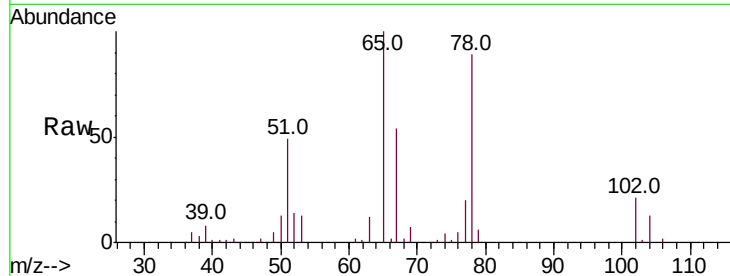




#33
 1,2-Dichloroethane-d4
 Concen: 48.555 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

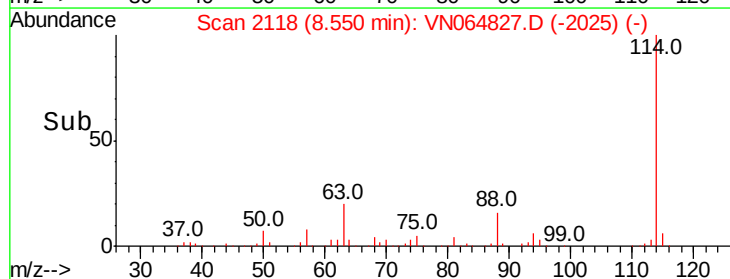
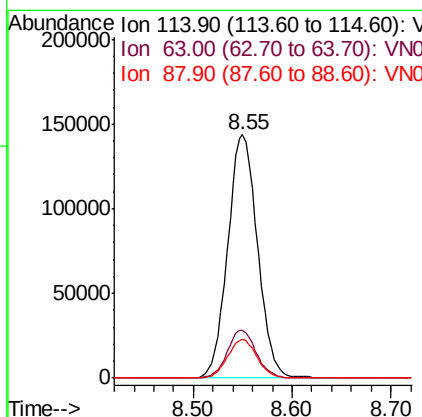
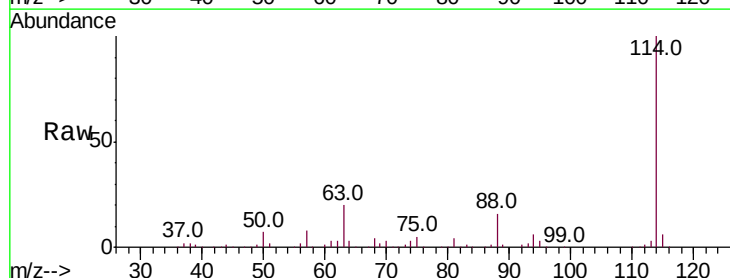
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

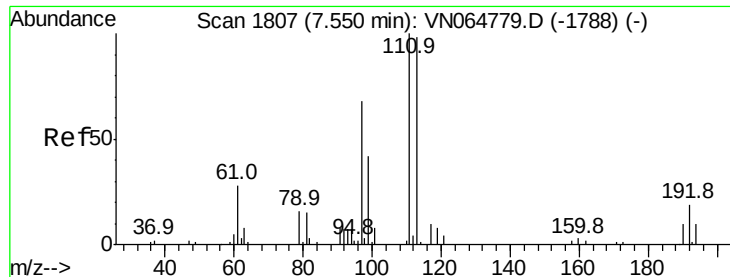
Tot Ion: 65 Resp: 105952
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion: 114 Resp: 302770
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.7 0.0 32.6

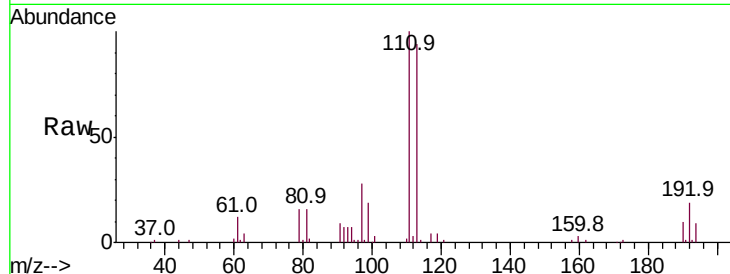




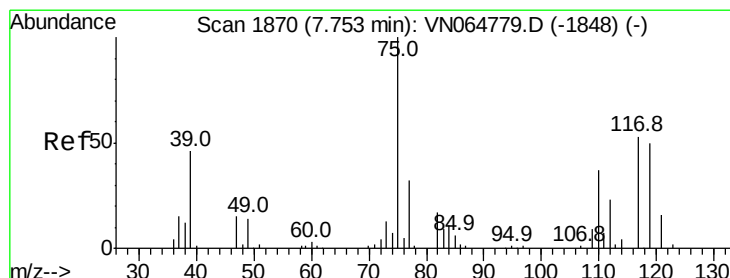
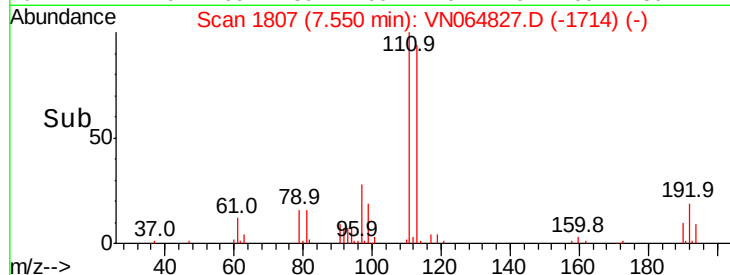
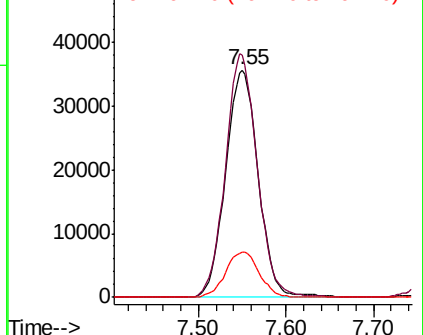
#35
 Dibromofluoromethane
 Concen: 50.815 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Tot Ion:113 Resp: 92061
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.6 122.4
 192 20.3 16.2 24.2

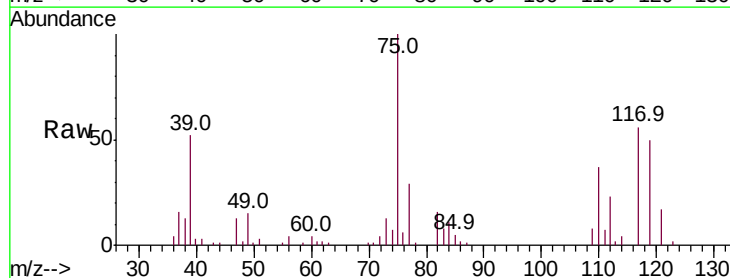


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

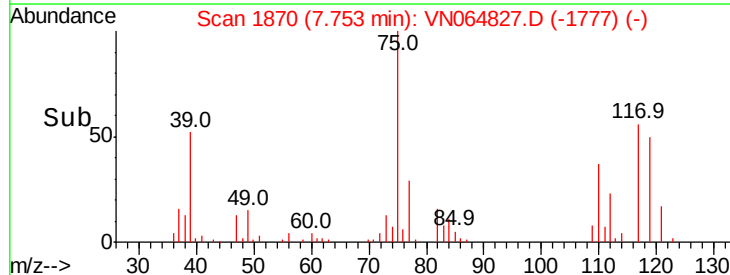
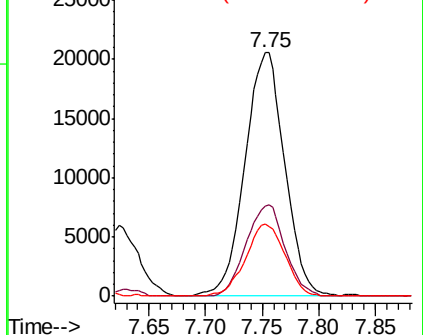


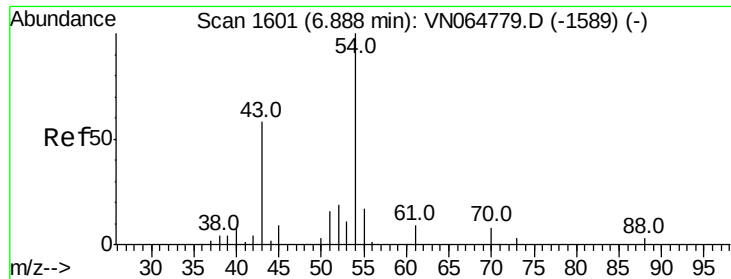
#36
 1,1-Dichloropropene
 Concen: 17.884 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion: 75 Resp: 50190
 Ion Ratio Lower Upper
 75 100
 110 36.6 17.8 53.3
 77 29.2 25.0 37.4



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

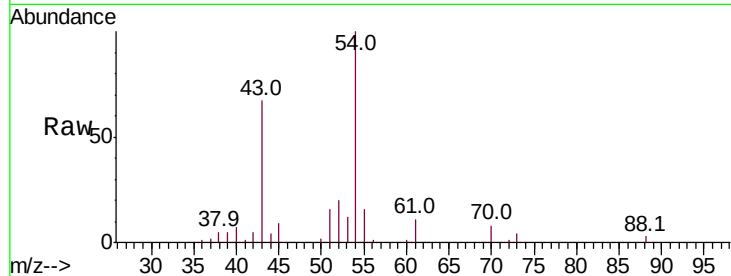




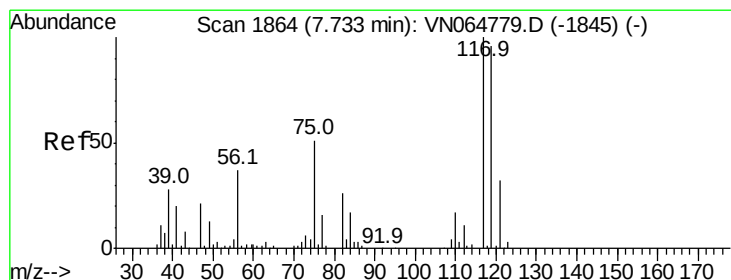
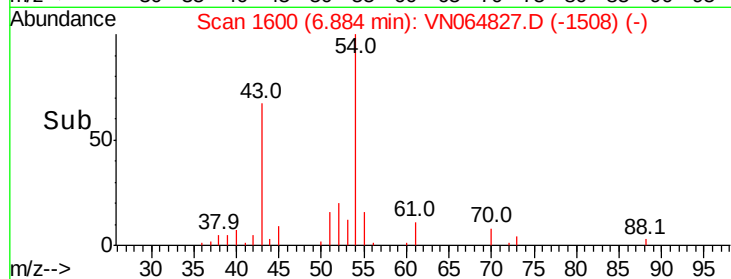
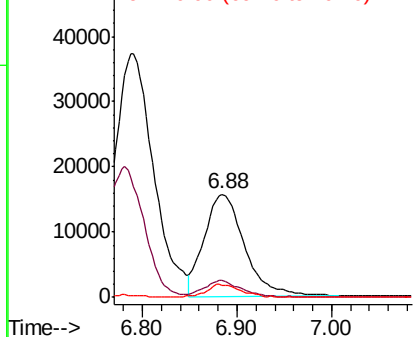
#37
Ethyl Acetate
Concen: 17.104 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion: 43 Resp: 46236
Ion Ratio Lower Upper
43 100
61 15.8 12.8 19.2
70 10.7 8.8 13.2

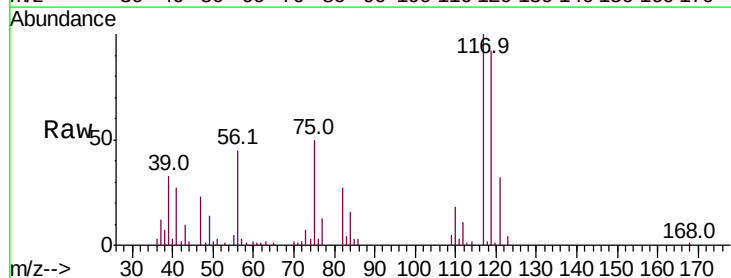


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

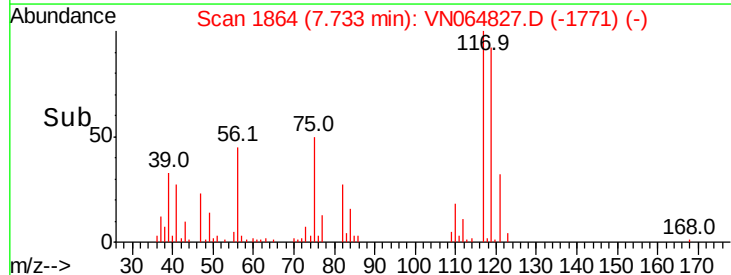
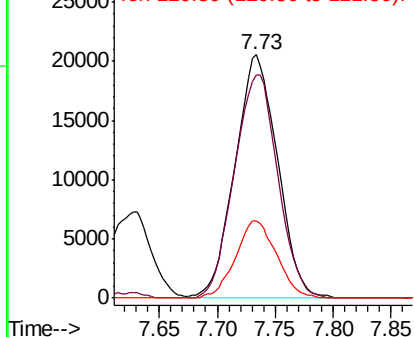


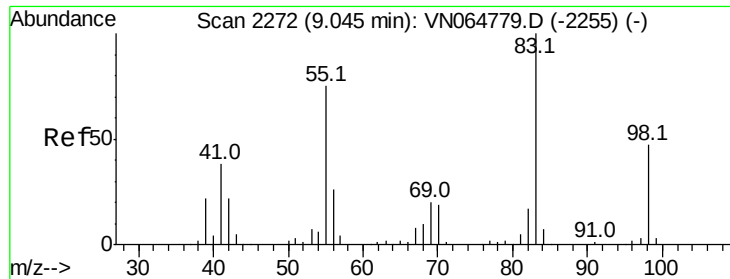
#38
Carbon Tetrachloride
Concen: 17.976 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion: 117 Resp: 52489
Ion Ratio Lower Upper
117 100
119 91.9 76.7 115.1
121 31.8 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

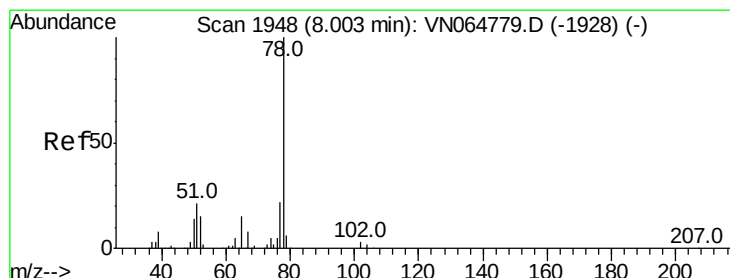
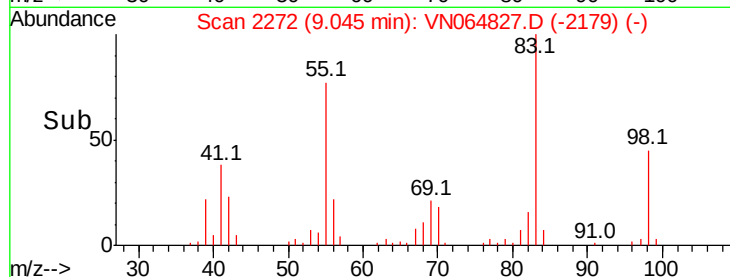
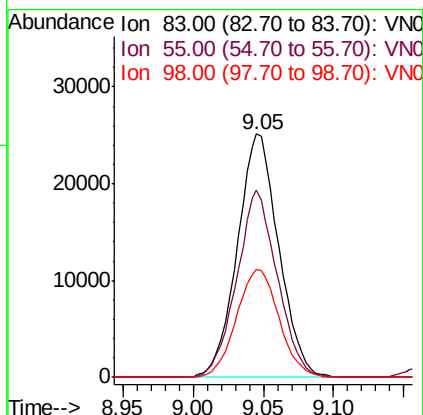
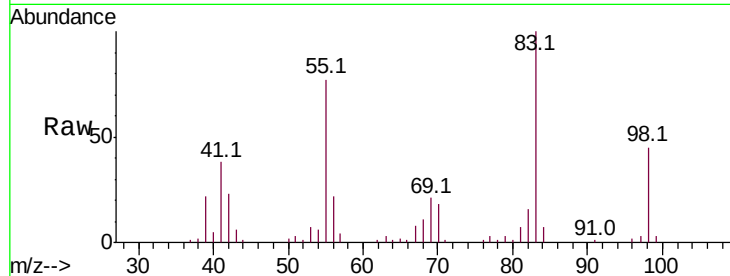




#39
Methylvlcyclohexane
Concen: 17.037 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

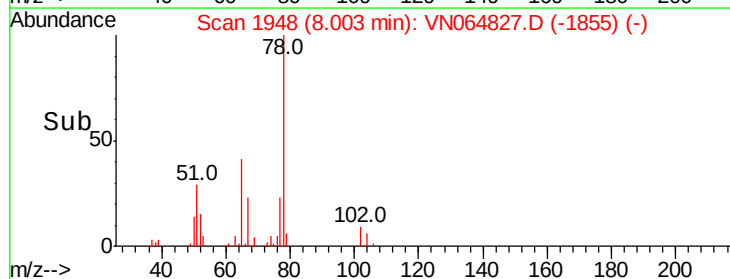
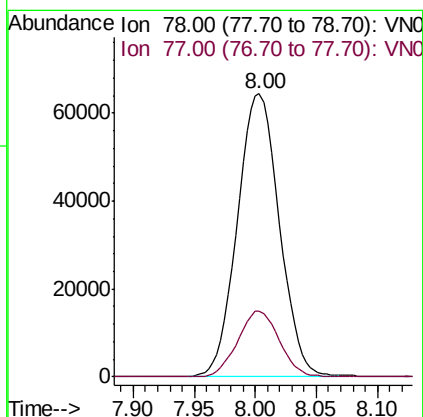
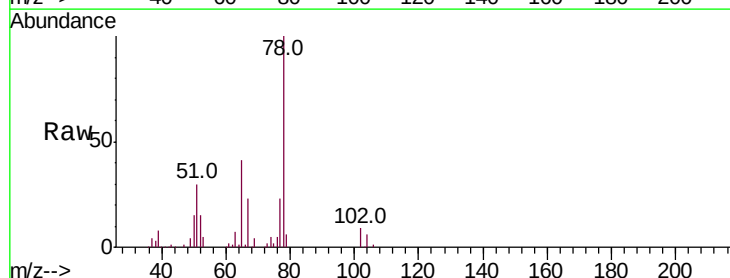
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

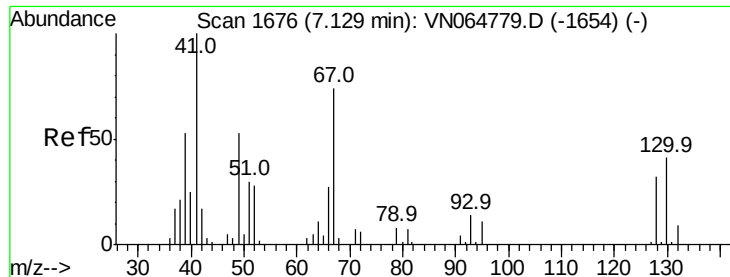
Tot Ion: 83 Resp: 51469
Ion Ratio Lower Upper
83 100
55 77.0 60.2 90.2
98 44.5 37.4 56.2



#40
Benzene
Concen: 17.842 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion: 78 Resp: 153437
Ion Ratio Lower Upper
78 100
77 23.3 17.9 26.9





#41

Methacrylonitrile

Concen: 15.740 ug/l

RT: 7.13 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tot Ion: 41 Resp: 19634

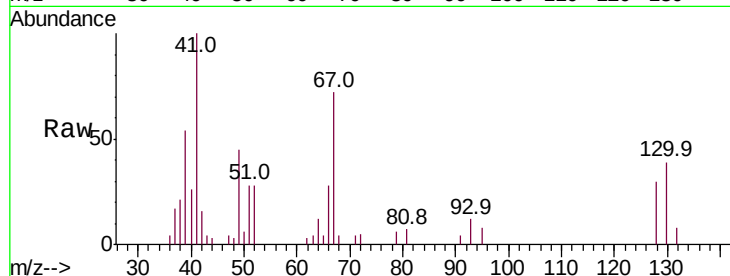
Ion Ratio Lower Upper

41 100

39 63.4 51.0 76.6

67 97.1 79.8 119.8

52 39.0 31.5 47.3

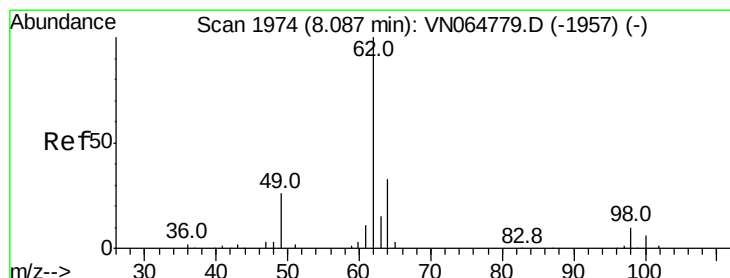
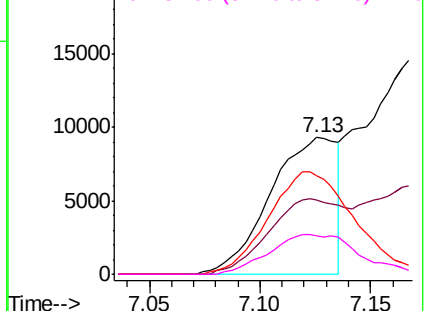
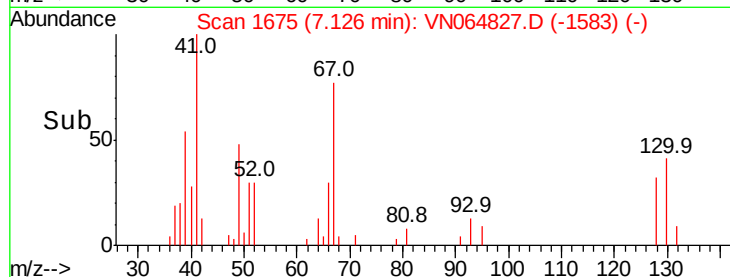


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 17.660 ug/l

RT: 8.09 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN064827.D

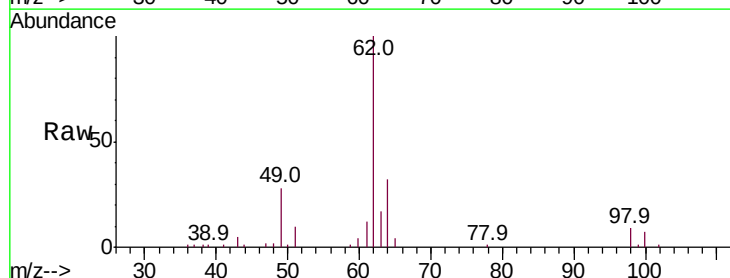
Acq: 24 Nov 2020 22:41

Tgt Ion: 62 Resp: 51234

Ion Ratio Lower Upper

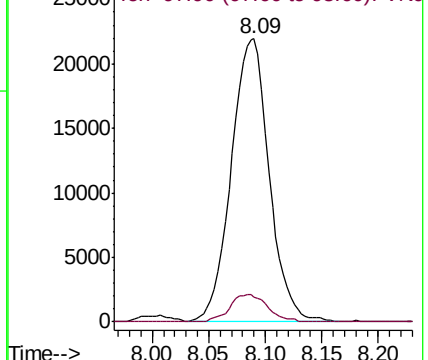
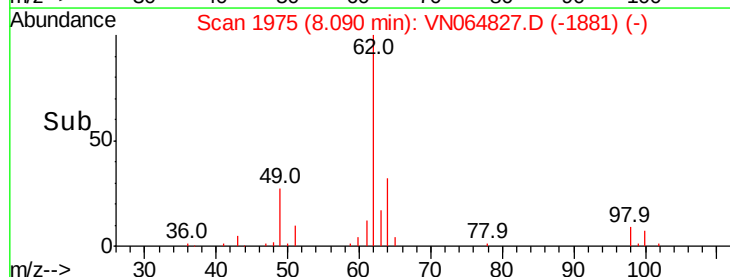
62 100

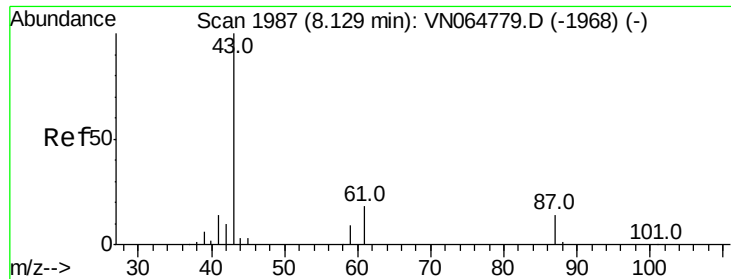
98 9.7 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 17.231 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

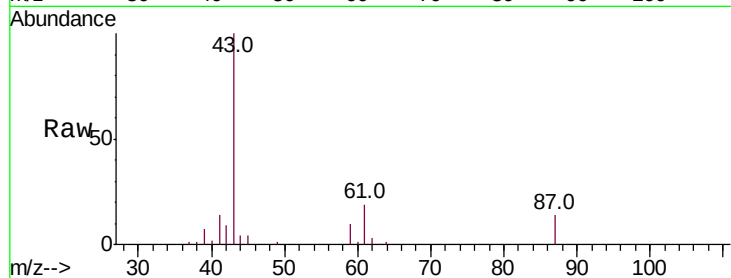
Tot Ion: 43 Resp: 74955

Ion Ratio Lower Upper

43 100

61 20.8 17.2 25.8

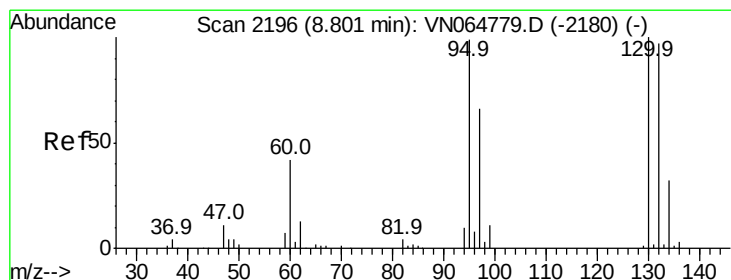
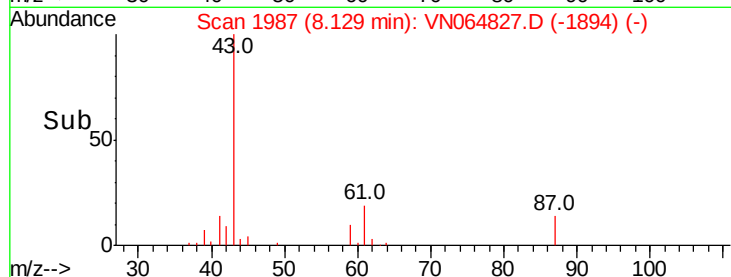
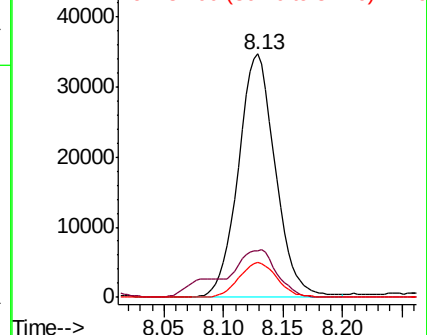
87 14.5 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064827.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN064827.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN064827.D (-1894) (-)



#44

Trichloroethene

Concen: 17.428 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064827.D

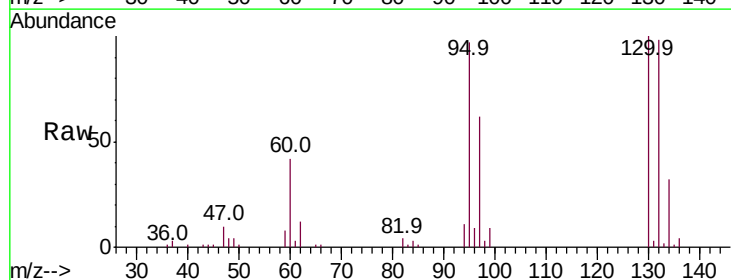
Acq: 24 Nov 2020 22:41

Tgt Ion:130 Resp: 44221

Ion Ratio Lower Upper

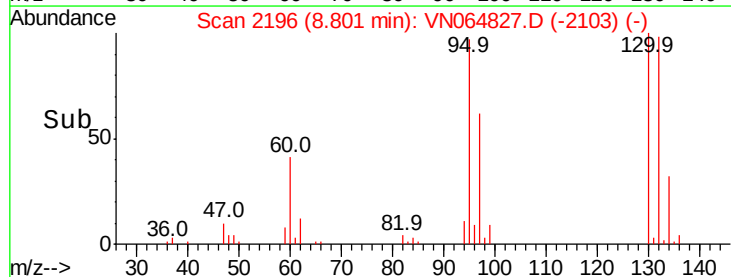
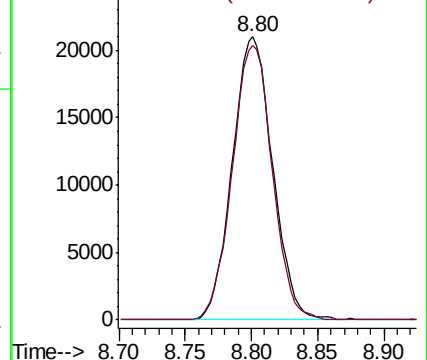
130 100

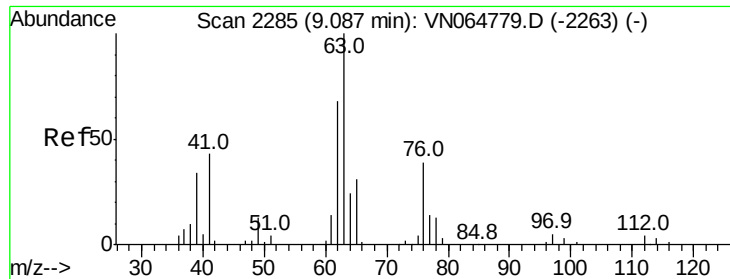
95 97.1 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064827.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064827.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 18.623 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

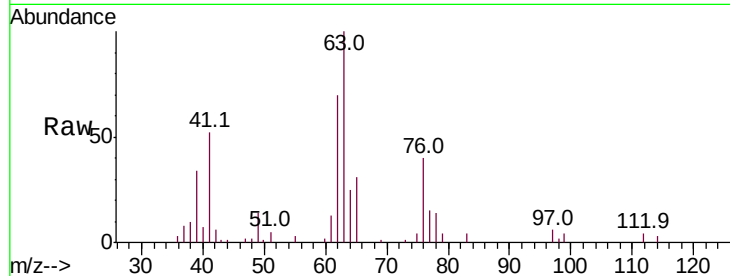
VN1124WBSD02

Tot Ion: 63 Resp: 41475

Ion Ratio Lower Upper

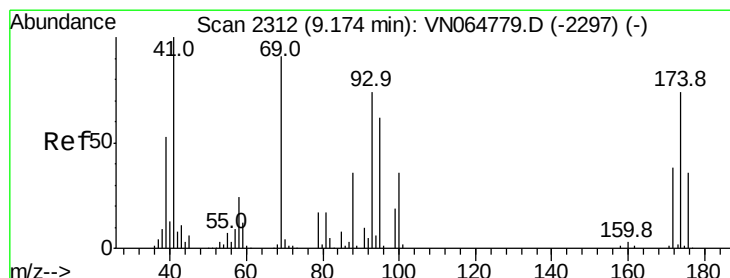
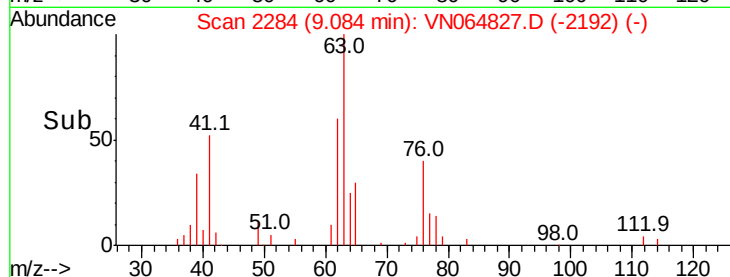
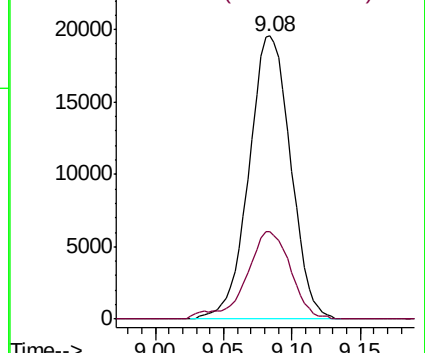
63 100

65 30.9 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.233 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

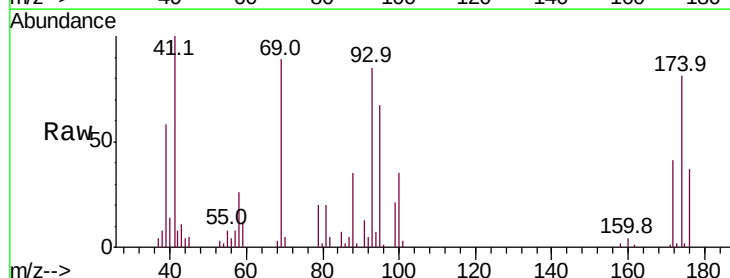
Tgt Ion: 93 Resp: 27128

Ion Ratio Lower Upper

93 100

95 82.6 68.8 103.2

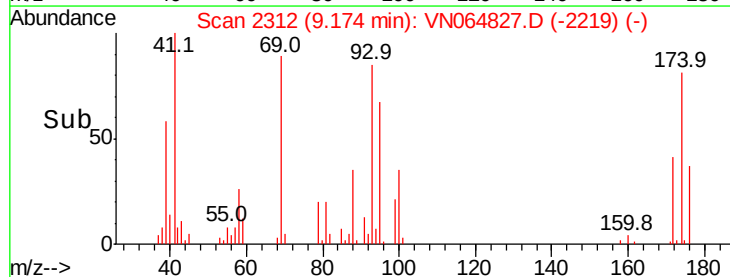
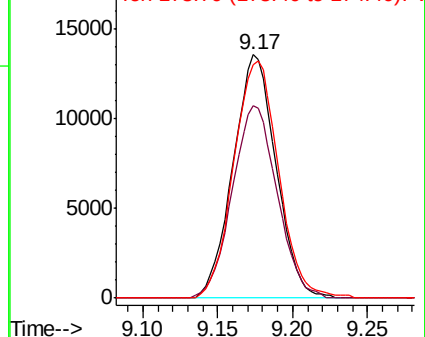
174 101.9 83.1 124.7

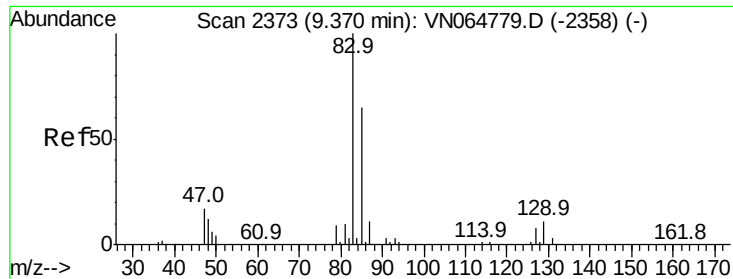


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.830 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

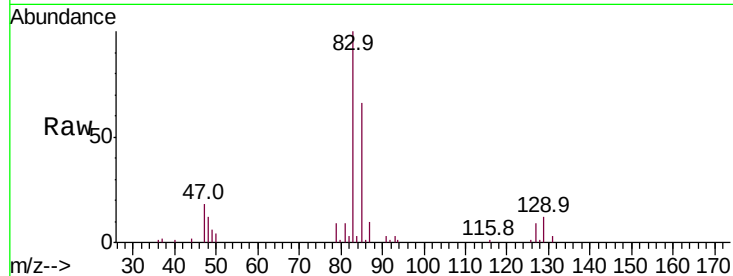
Tot Ion: 83 Resp: 53378

Ion Ratio Lower Upper

83 100

85 65.7 51.8 77.8

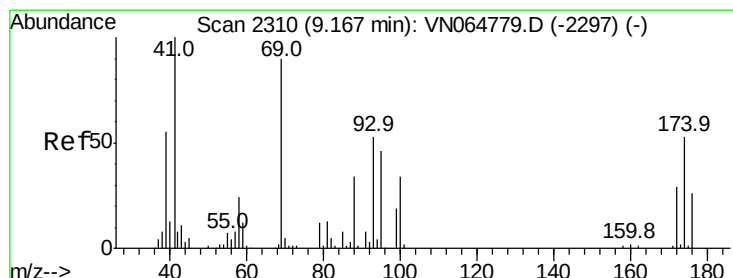
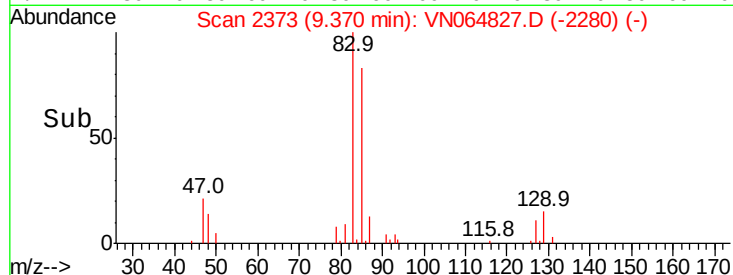
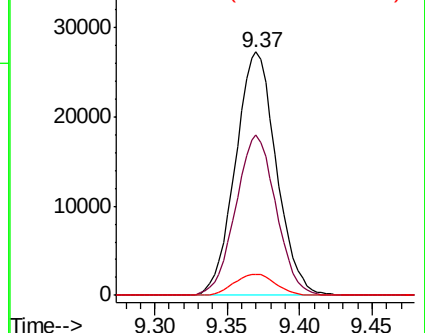
127 8.8 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)



#48

Methyl methacrylate

Concen: 17.374 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

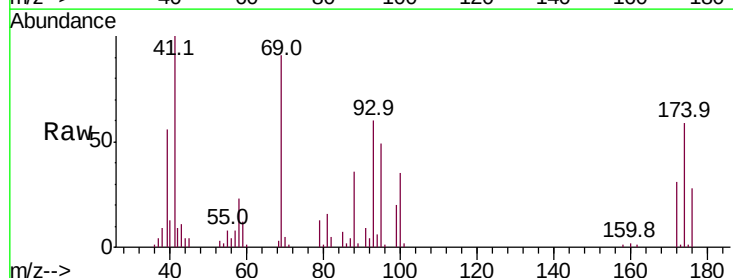
Tgt Ion: 41 Resp: 36113

Ion Ratio Lower Upper

41 100

69 92.3 71.8 107.8

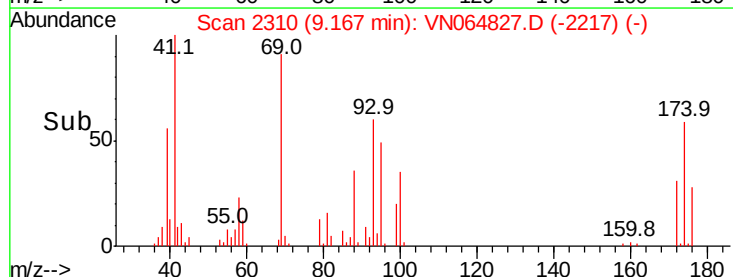
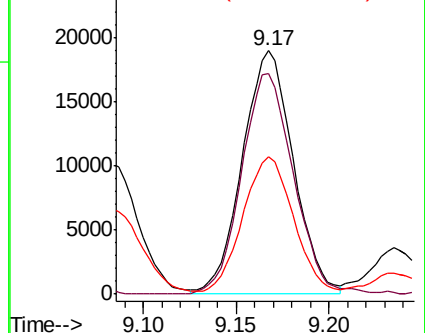
39 55.6 44.1 66.1

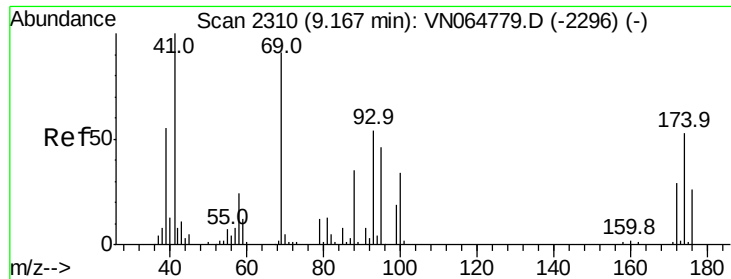


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2297) (-)





#49

1,4-Dioxane

Concen: 333.944 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

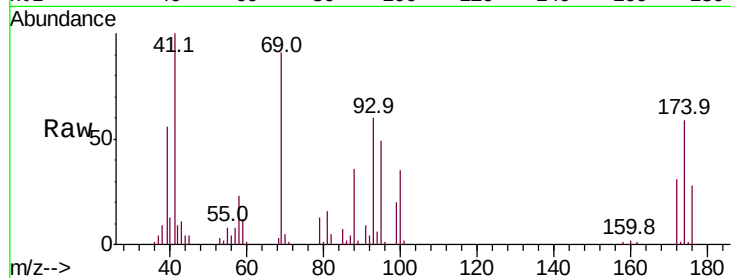
Tot Ion: 88 Resp: 13119

Ion Ratio Lower Upper

88 100

43 34.7 24.2 36.4

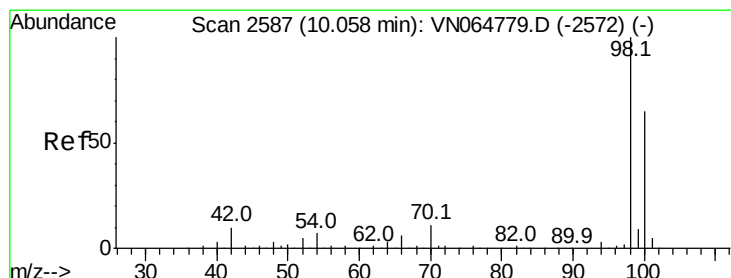
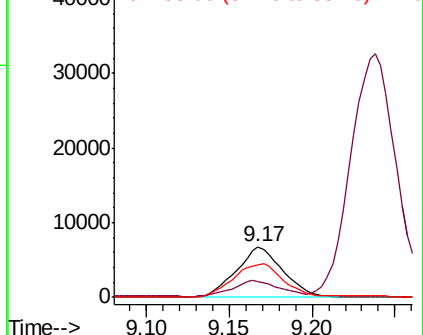
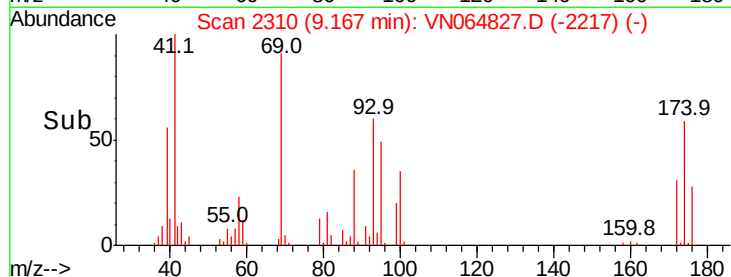
58 71.4 52.5 78.7



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: 47.431 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064827.D

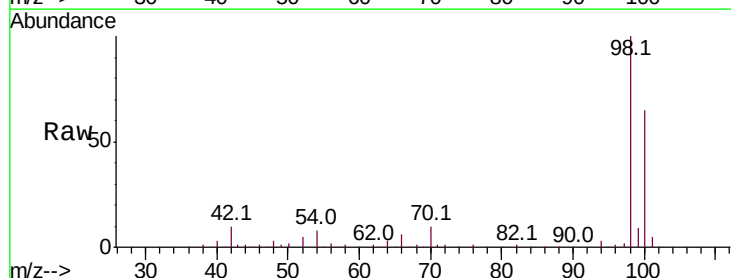
Acq: 24 Nov 2020 22:41

Tgt Ion: 98 Resp: 351105

Ion Ratio Lower Upper

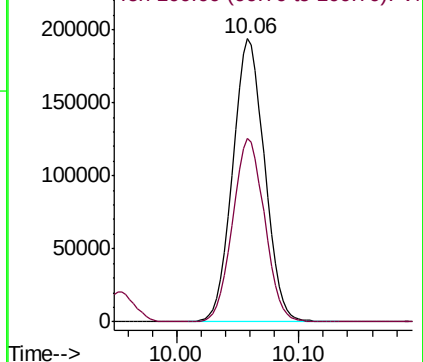
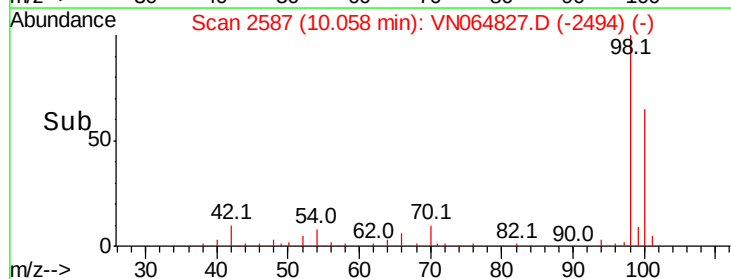
98 100

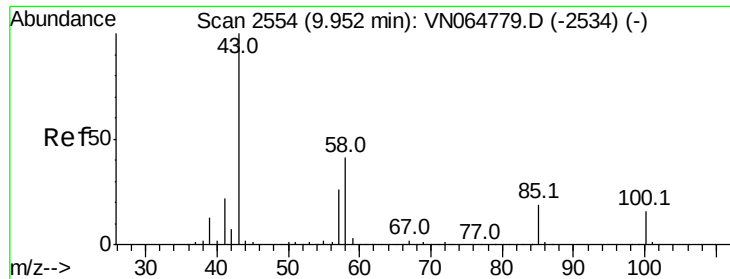
100 65.1 51.7 77.5



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: 88.325 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

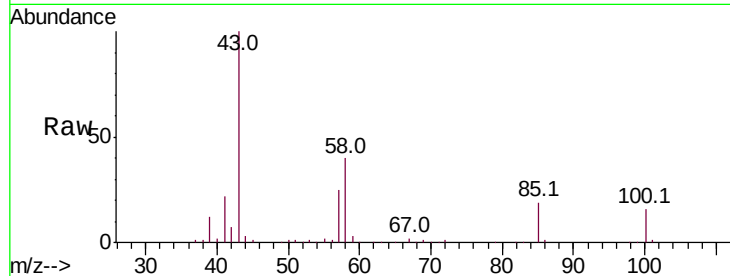
VN1124WBSD02

Tot Ion: 43 Resp: 230657

Ion Ratio Lower Upper

43 100

58 40.3 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064827.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064827.D (-2534) (-)

9.95

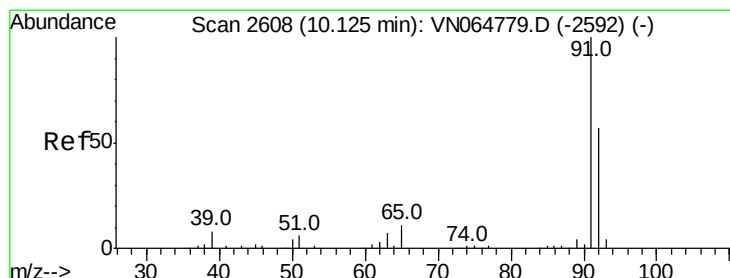
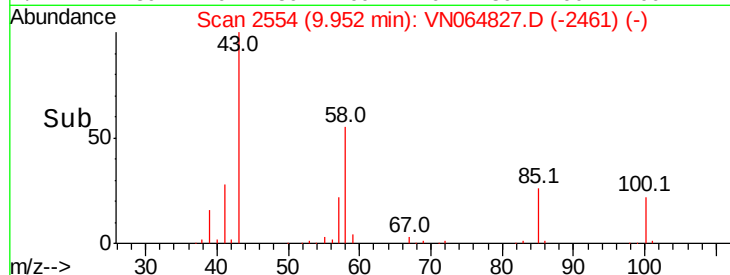
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.149 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064827.D

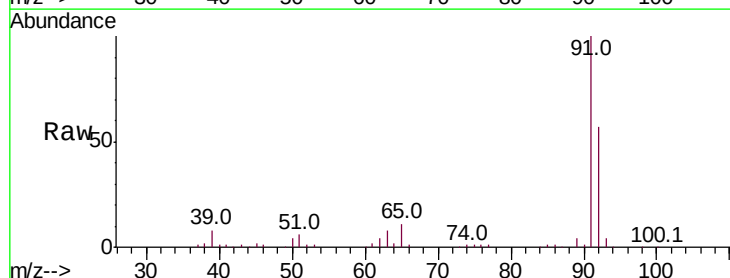
Acq: 24 Nov 2020 22:41

Tgt Ion: 92 Resp: 96117

Ion Ratio Lower Upper

92 100

91 175.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064827.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN064827.D (-2515) (-)

10.12

100000

80000

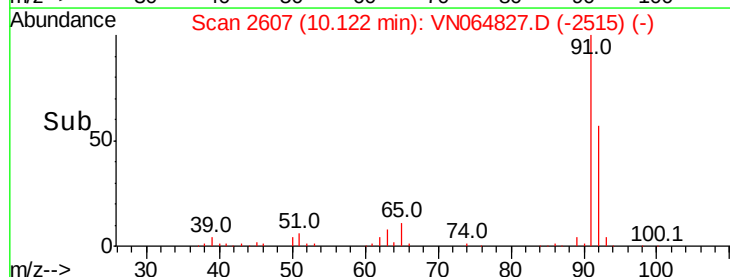
60000

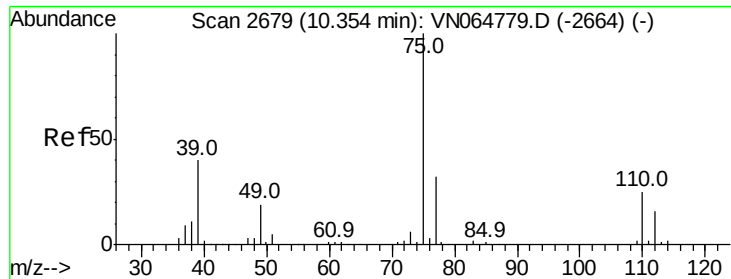
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.893 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

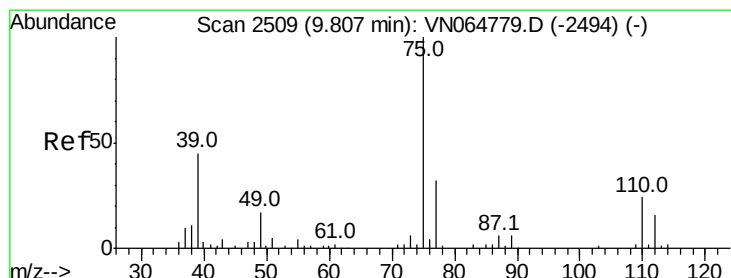
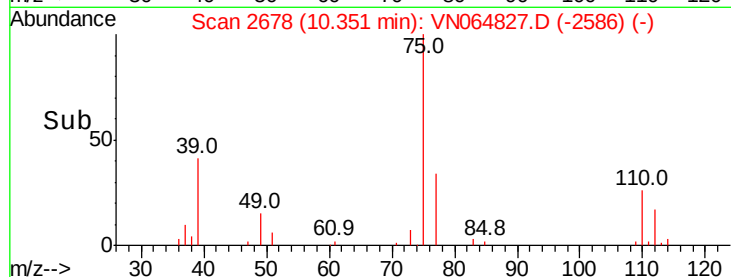
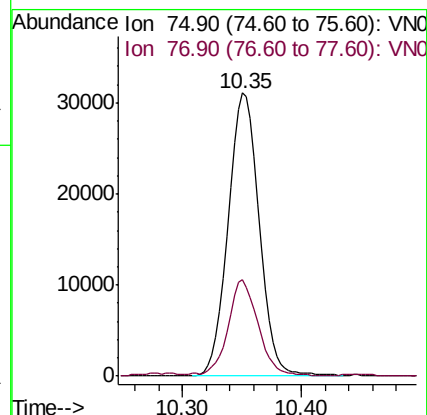
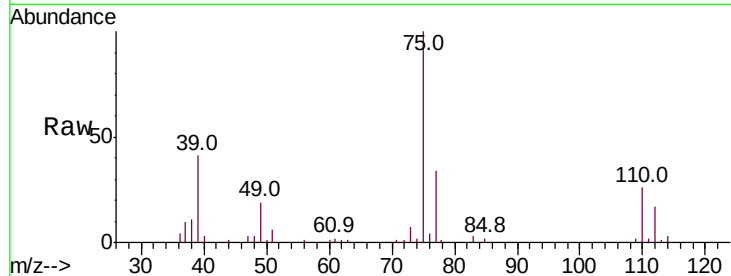
VN1124WBSD02

Tot Ion: 75 Resp: 56328

Ion Ratio Lower Upper

75 100

77 33.4 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 17.708 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

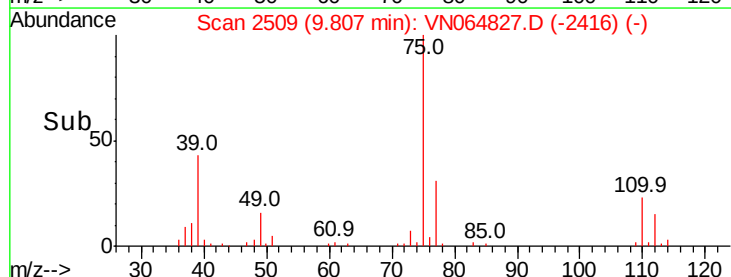
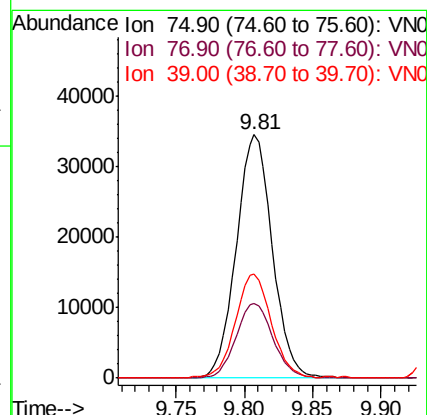
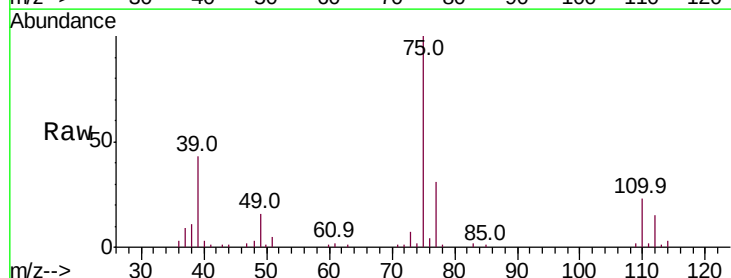
Tgt Ion: 75 Resp: 63289

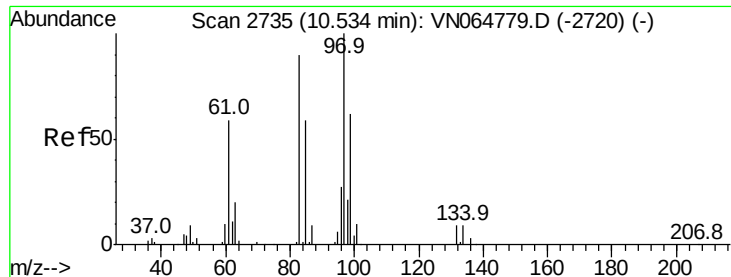
Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3

39 42.6 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 18.087 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tot Ion: 97 Resp: 39390

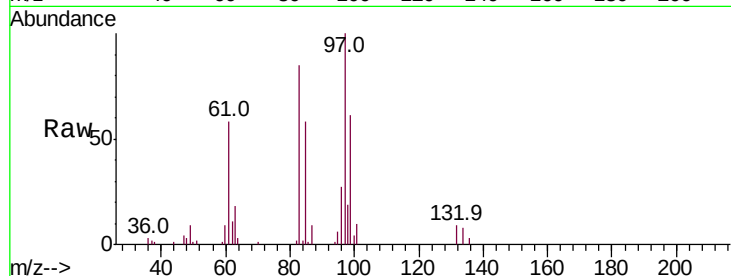
Ion Ratio Lower Upper

97 100

83 85.2 72.1 108.1

85 57.5 46.8 70.2

99 60.8 49.6 74.4

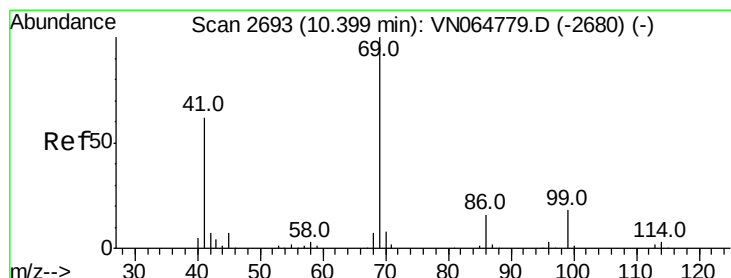
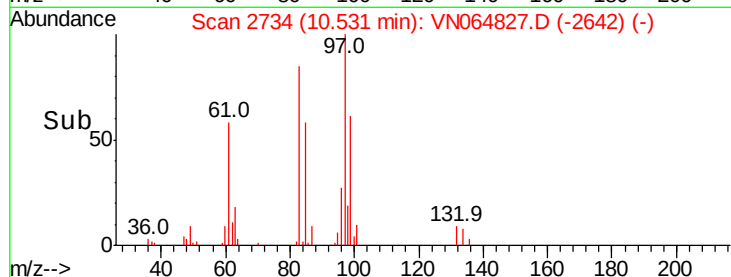
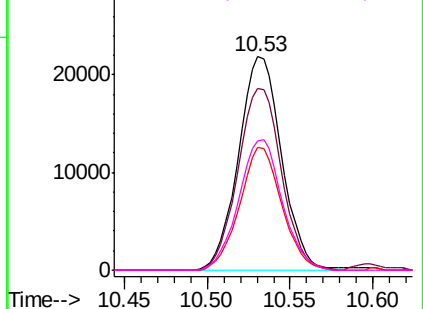


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 17.482 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

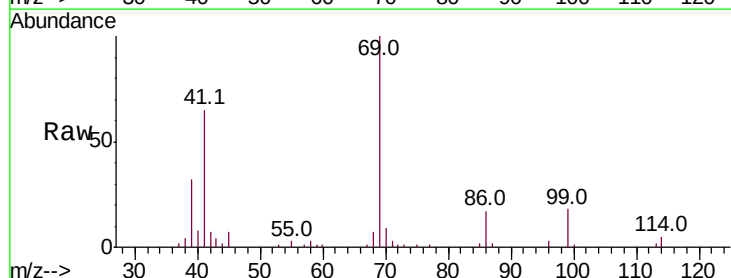
Tgt Ion: 69 Resp: 52538

Ion Ratio Lower Upper

69 100

41 62.6 49.4 74.0

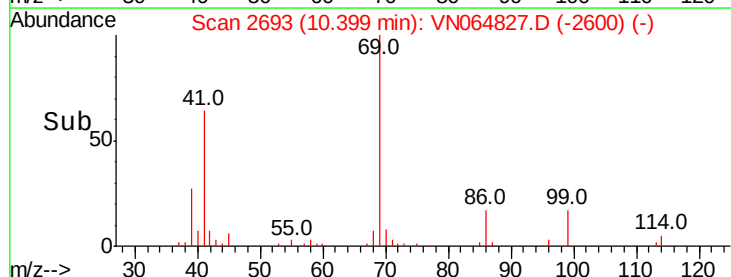
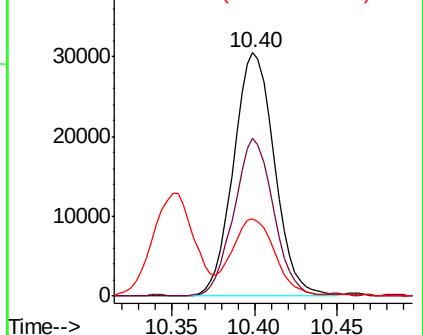
39 32.4 25.9 38.9

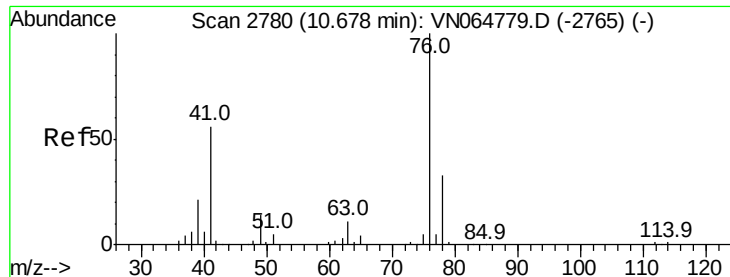


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

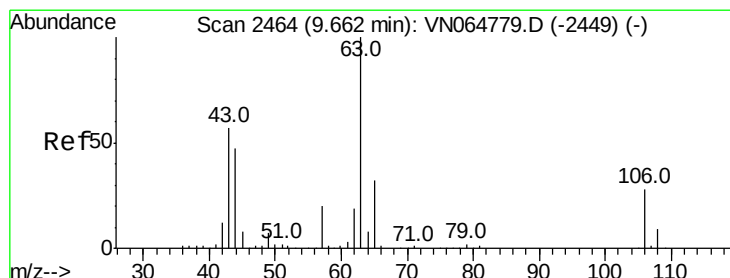
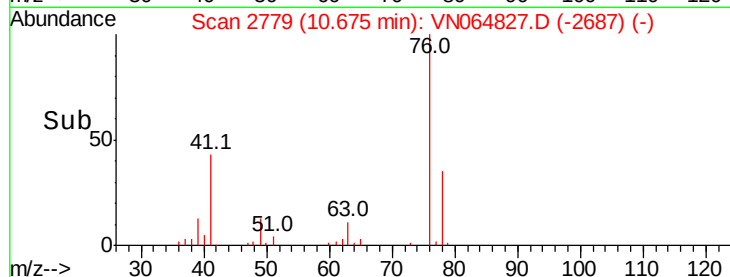
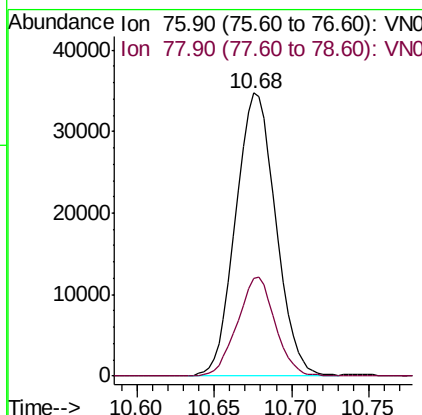
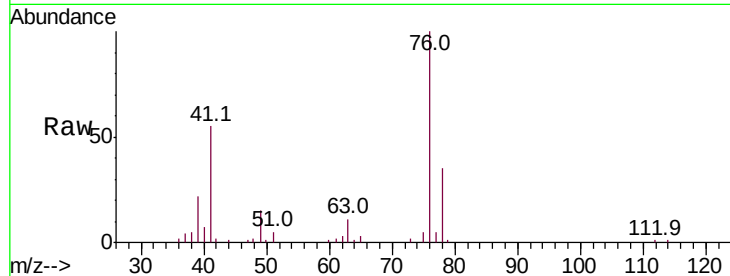




#57
 1,3-Dichloropropane
 Concen: 17.488 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

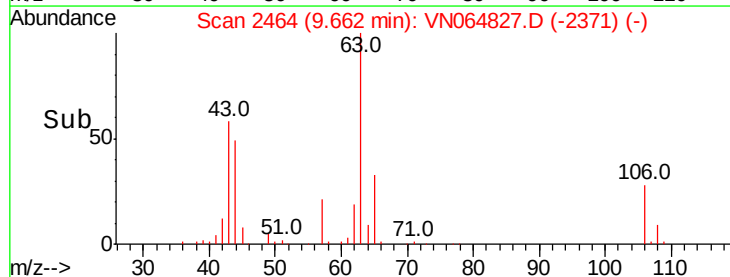
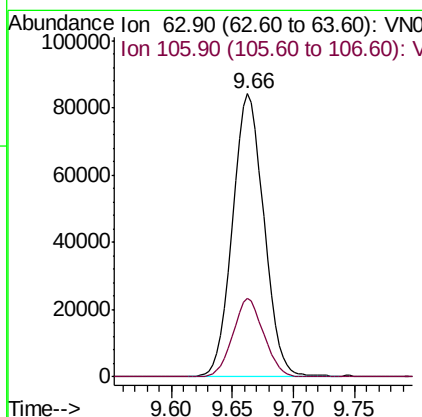
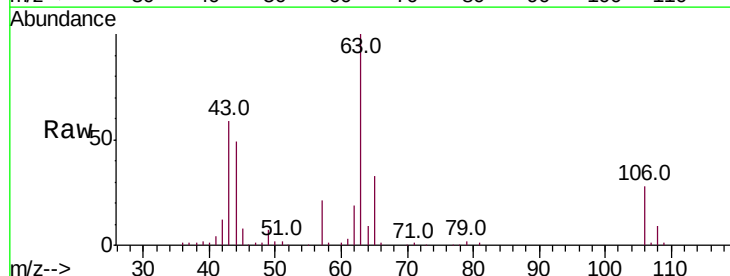
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

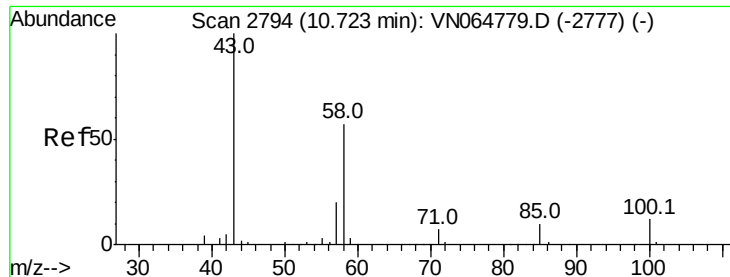
Tot Ion: 76 Resp: 62825
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.135 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion: 63 Resp: 150656
 Ion Ratio Lower Upper
 63 100
 106 27.2 22.7 34.1





#59

2-Hexanone

Concen: 87.889 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampled :

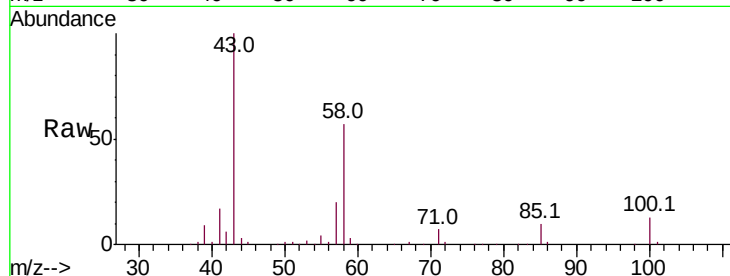
VN1124WBSD02

Tot Ion: 43 Resp: 165182

Ion Ratio Lower Upper

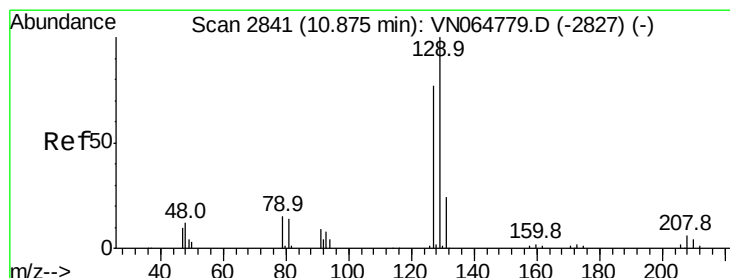
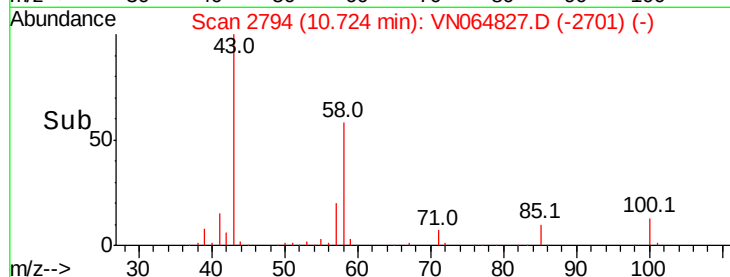
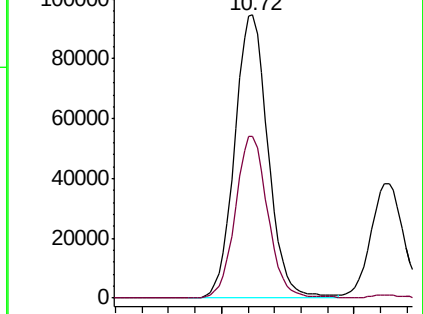
43 100

58 56.0 28.3 84.9



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2777) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2777) (-)



#60

Dibromochloromethane

Concen: 18.047 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064827.D

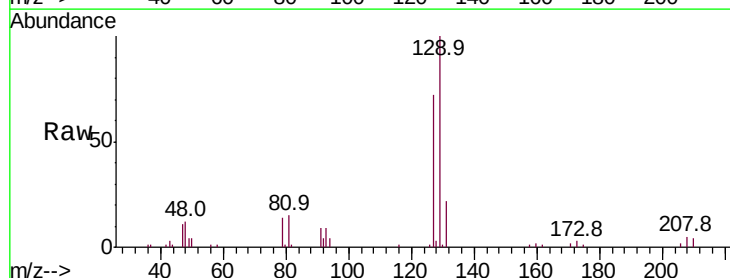
Acq: 24 Nov 2020 22:41

Tgt Ion: 129 Resp: 43688

Ion Ratio Lower Upper

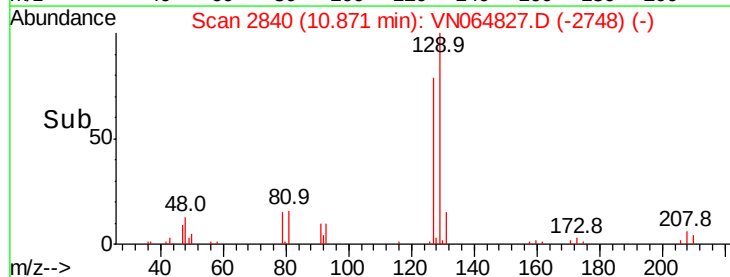
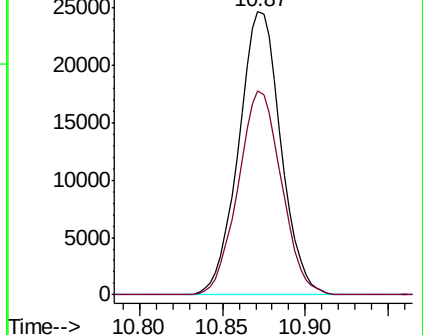
129 100

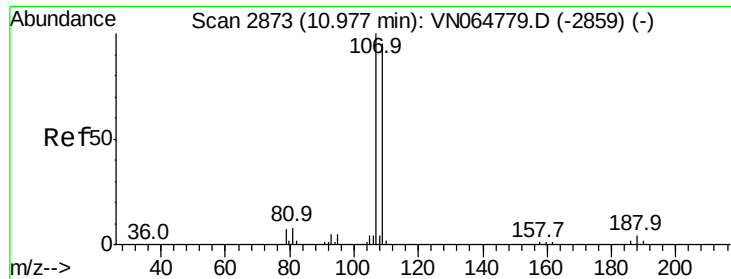
127 74.0 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): VN064779.D (-2827) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2827) (-)

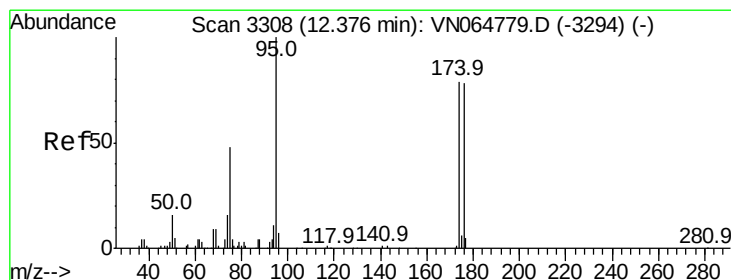
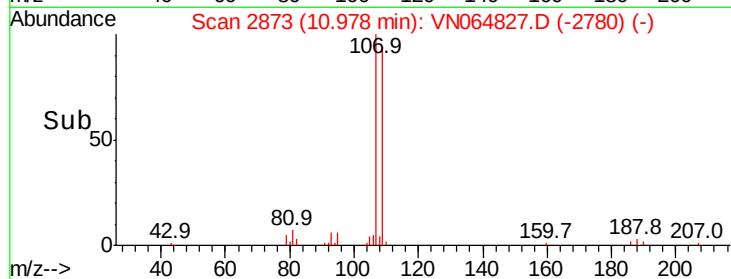
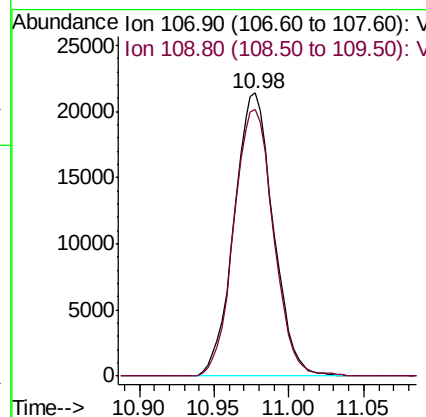
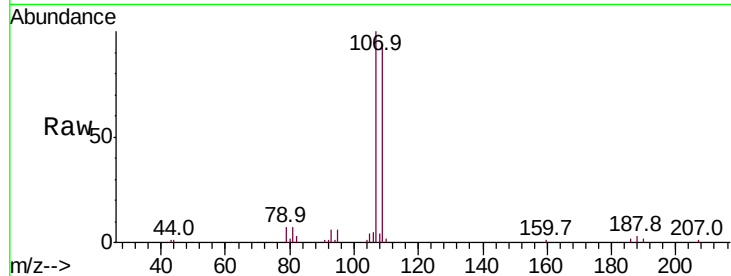




#61
 1,2-Dibromoethane
 Concen: 17.589 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

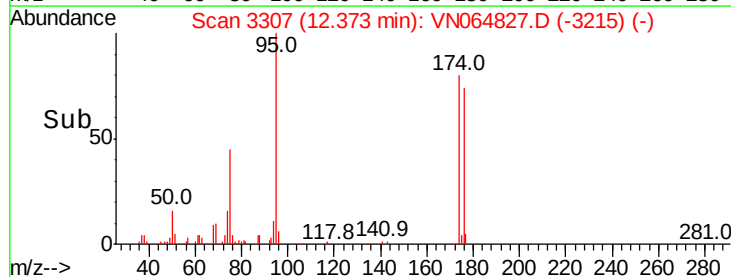
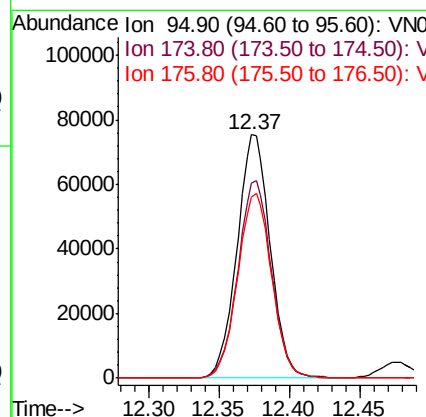
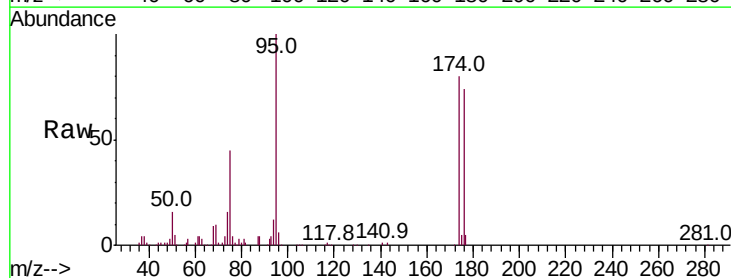
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

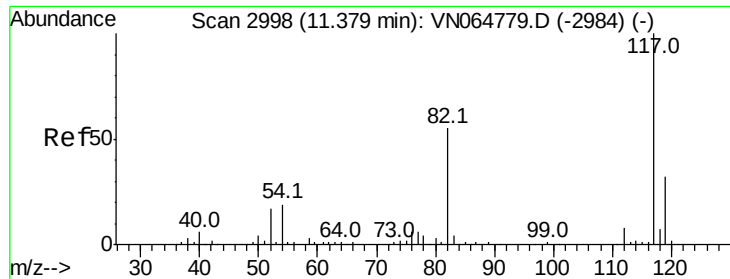
Tot Ion:107 Resp: 38916
 Ion Ratio Lower Upper
 107 100
 109 95.6 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 46.845 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion: 95 Resp: 124099
 Ion Ratio Lower Upper
 95 100
 174 82.2 0.0 160.4
 176 77.8 0.0 158.4

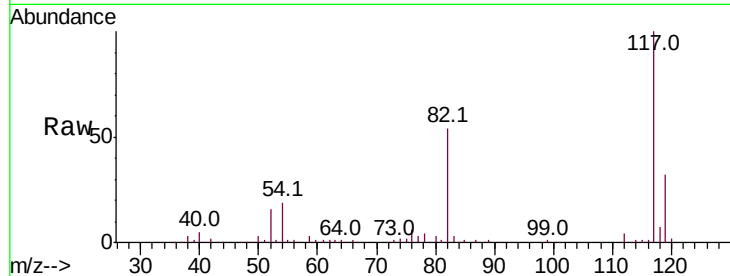




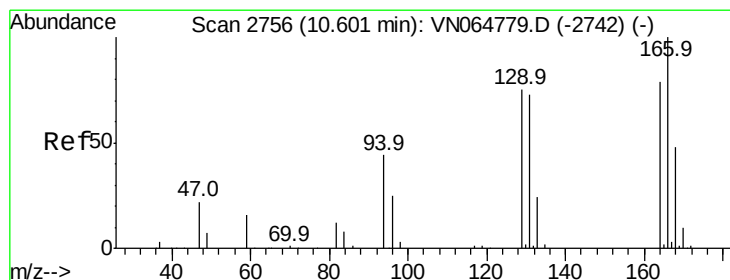
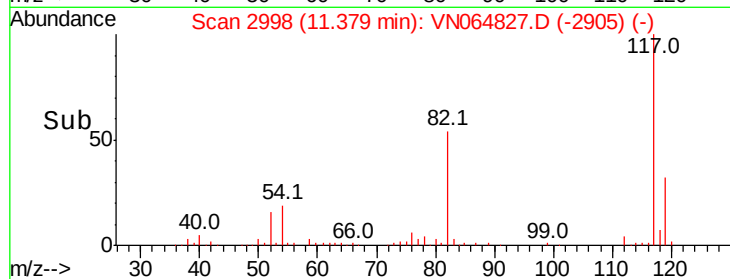
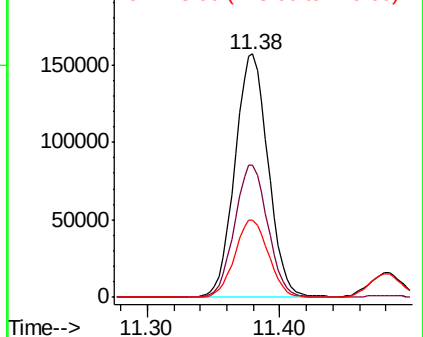
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion:117 Resp: 273425
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 31.7 25.8 38.6

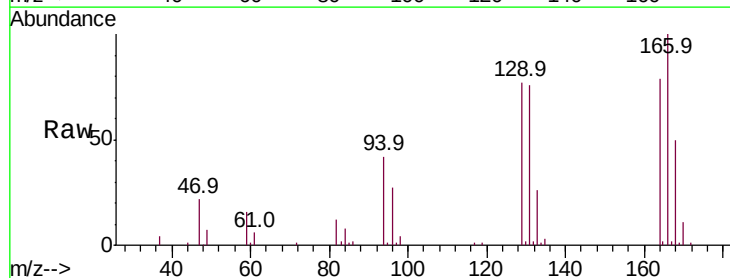


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

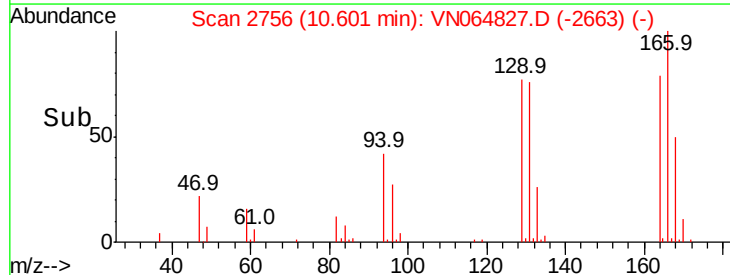
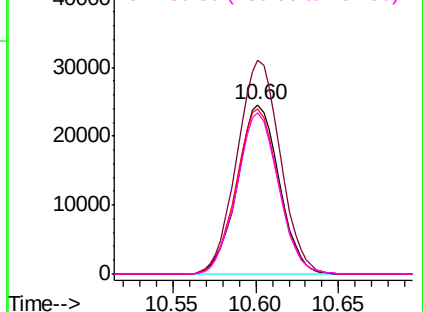


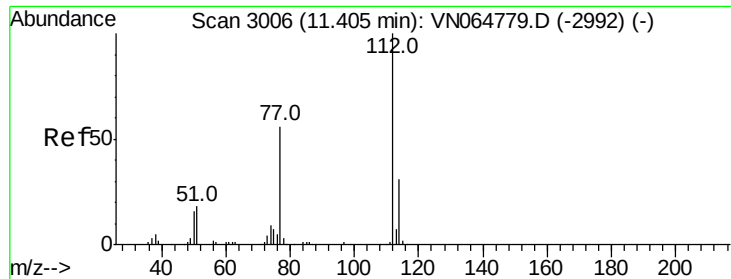
#64
Tetrachloroethene
Concen: 16.186 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion:164 Resp: 43057
Ion Ratio Lower Upper
164 100
166 126.4 101.4 152.0
129 97.8 76.1 114.1
131 95.7 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

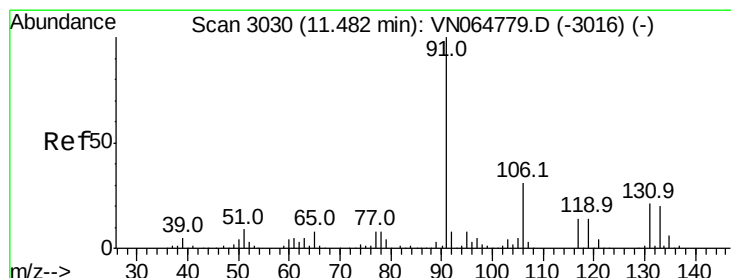
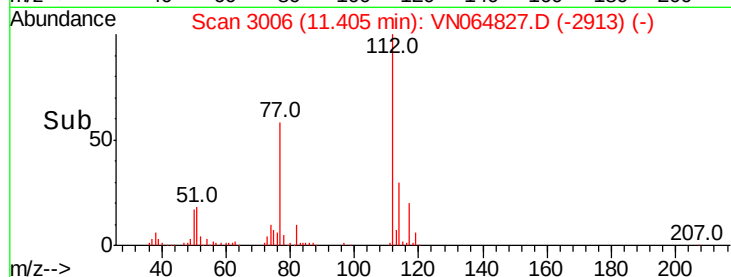
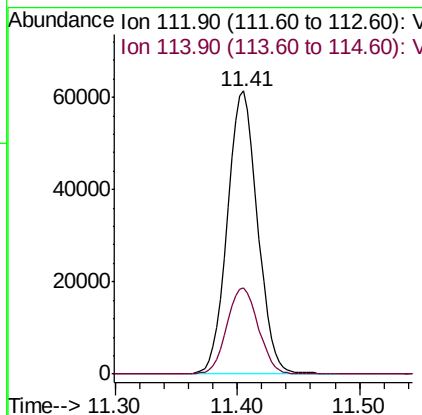
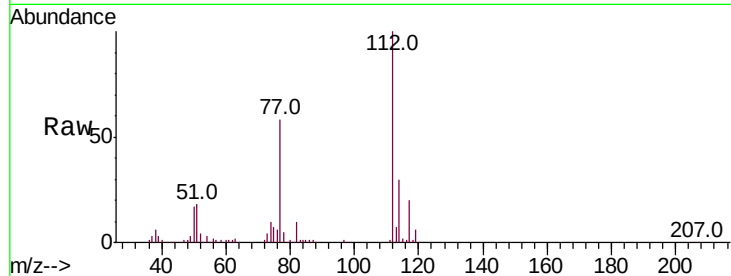




#65
Chlorobenzene
Concen: 18.106 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

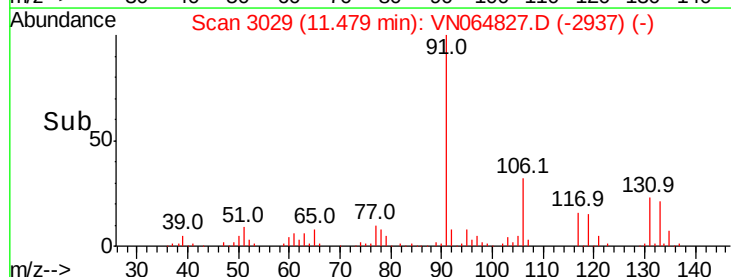
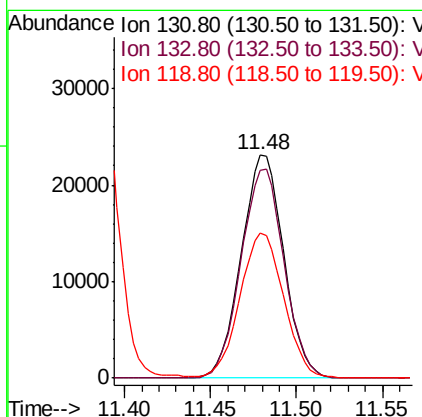
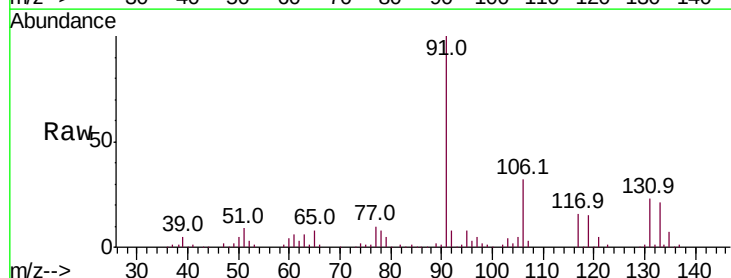
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

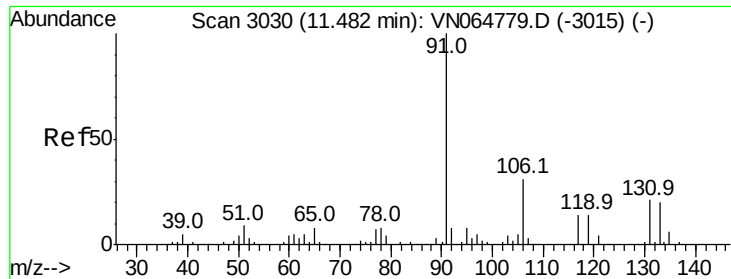
Tot Ion:112 Resp: 106311
Ion Ratio Lower Upper
112 100
114 30.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.381 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion:131 Resp: 39664
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 67.4 33.3 99.8

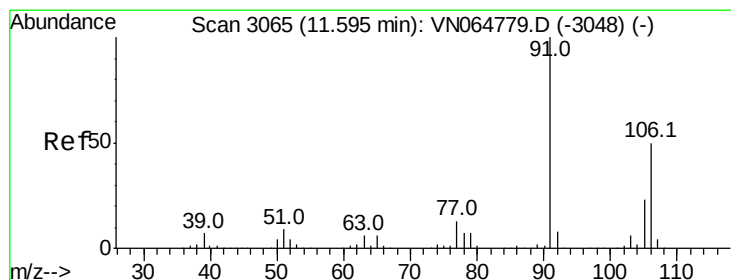
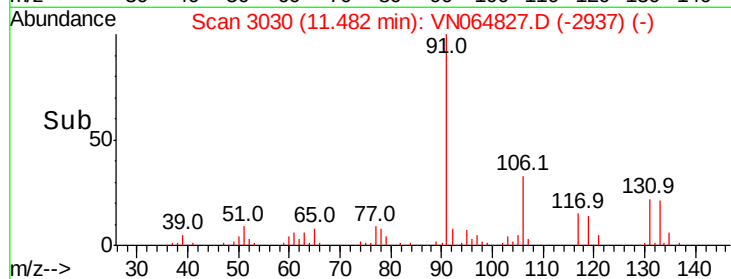
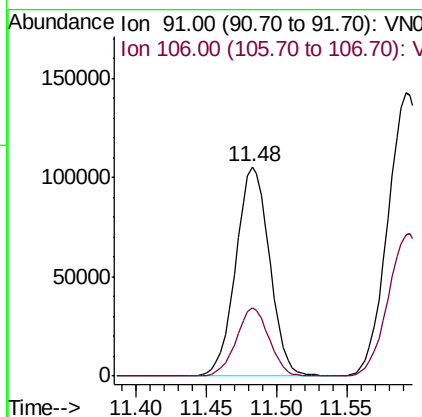
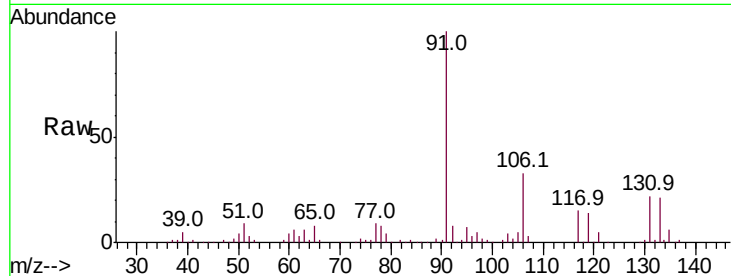




#67
Ethyl Benzene
Concen: 18.081 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

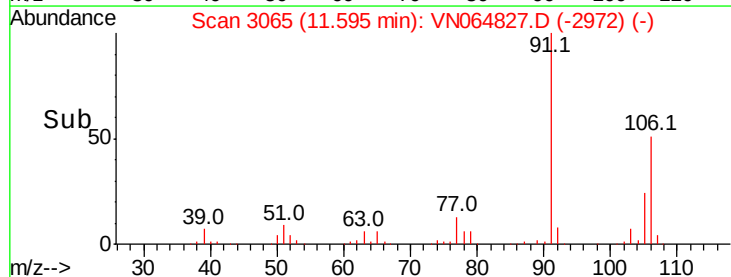
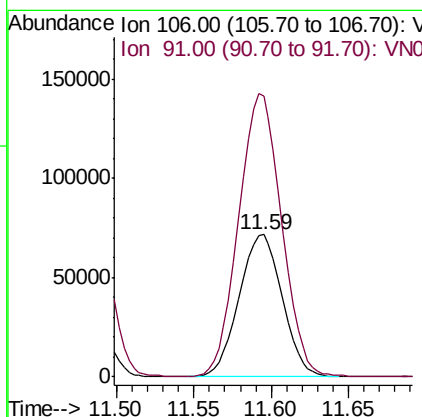
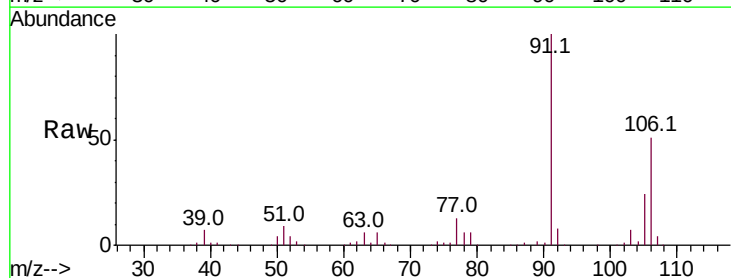
Instrument :
MSVOA_N
ClientSampled :
VN1124WBSD02

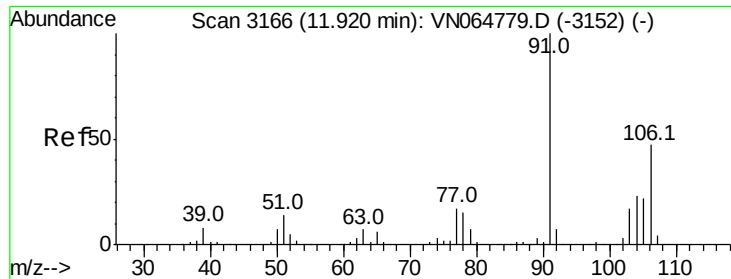
Tot Ion: 91 Resp: 177360
Ion Ratio Lower Upper
91 100
106 32.7 25.2 37.8



#68
m/p-Xylenes
Concen: 37.552 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion: 106 Resp: 139462
Ion Ratio Lower Upper
106 100
91 197.1 161.0 241.4

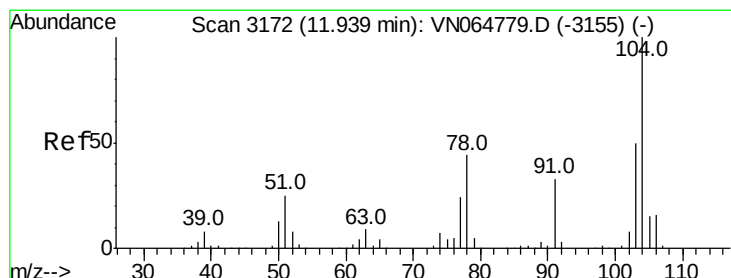
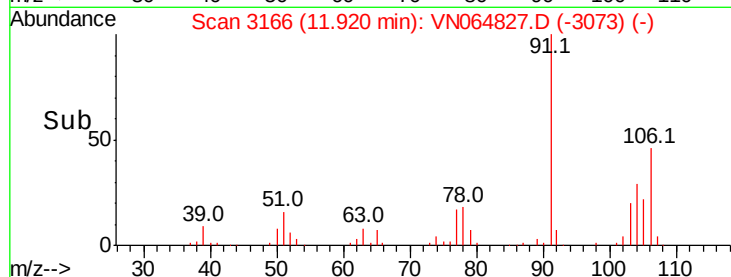
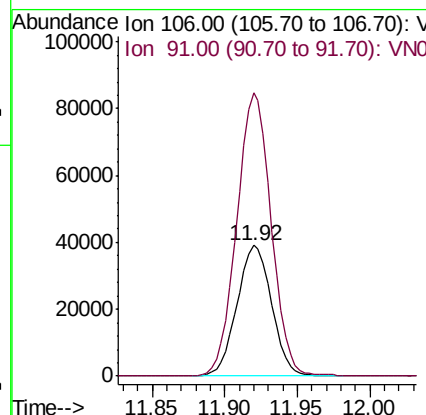
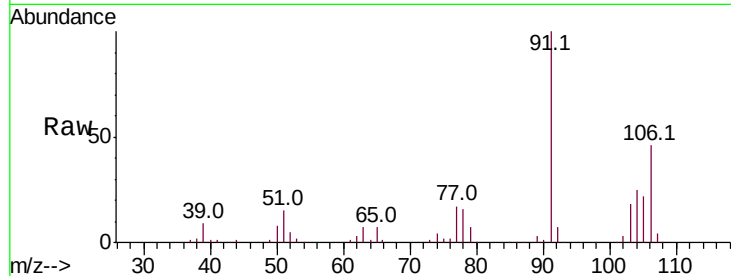




#69
o-Xylene
Concen: 18.429 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

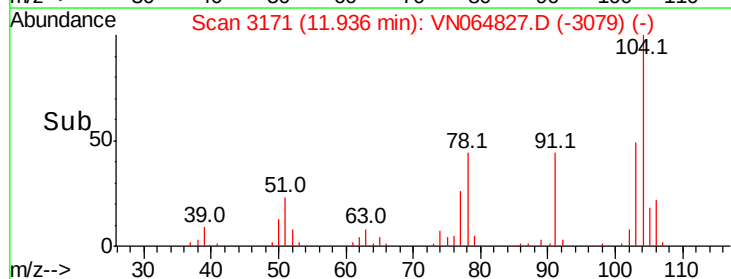
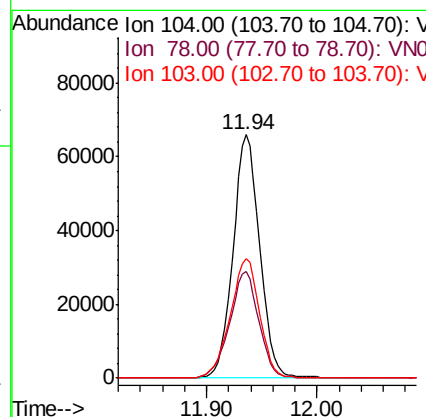
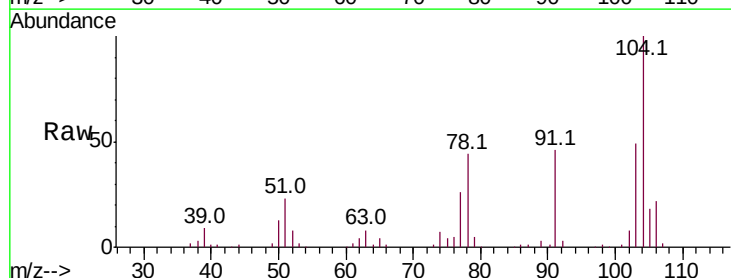
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

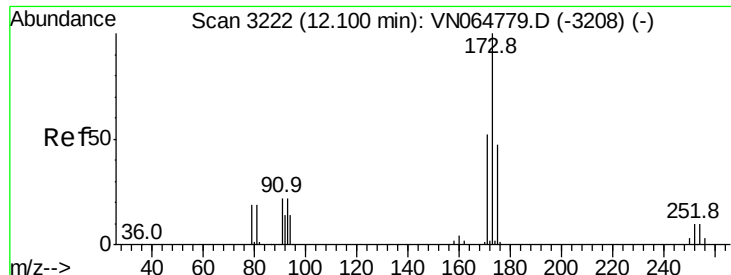
Tot Ion:106 Resp: 64949
Ion Ratio Lower Upper
106 100
91 215.3 105.5 316.5



#70
Styrene
Concen: 18.591 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion:104 Resp: 110605
Ion Ratio Lower Upper
104 100
78 47.9 39.0 58.6
103 54.3 44.3 66.5

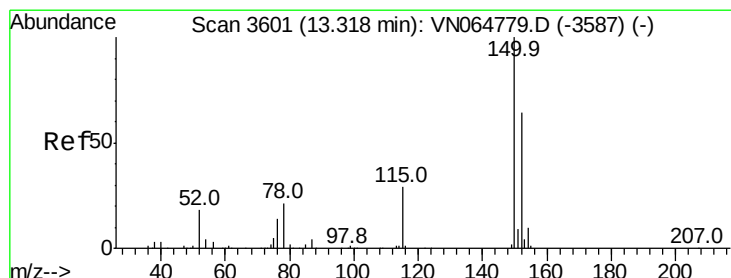
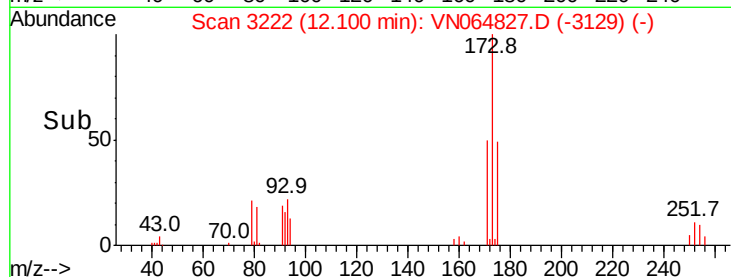
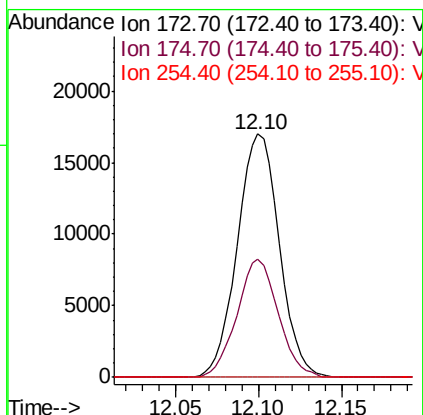
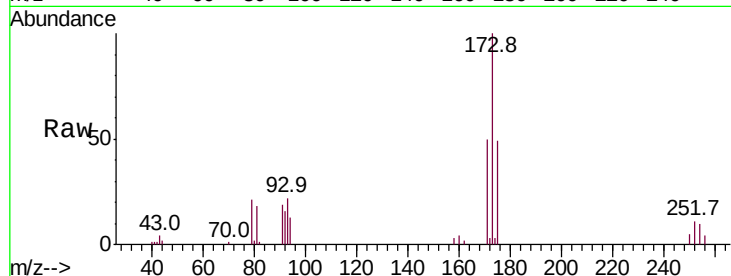




#71
Bromoform
Concen: 17.373 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

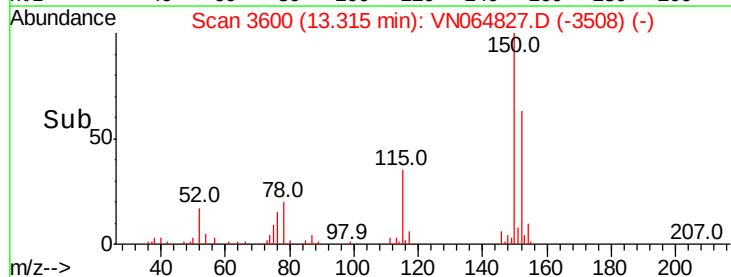
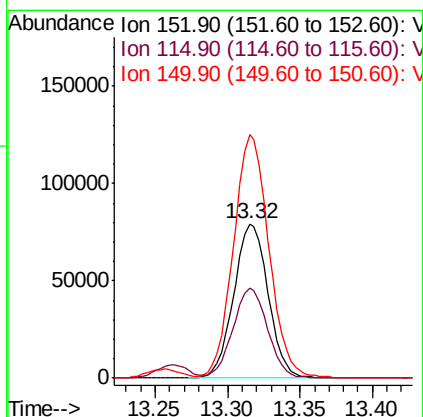
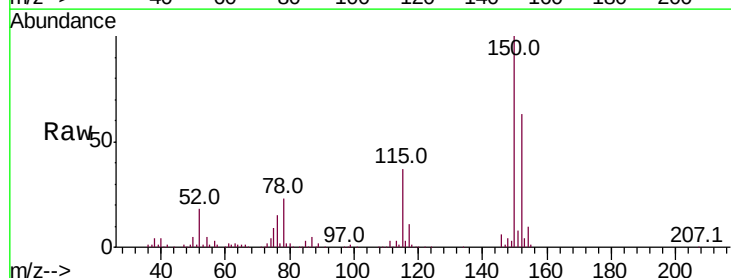
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

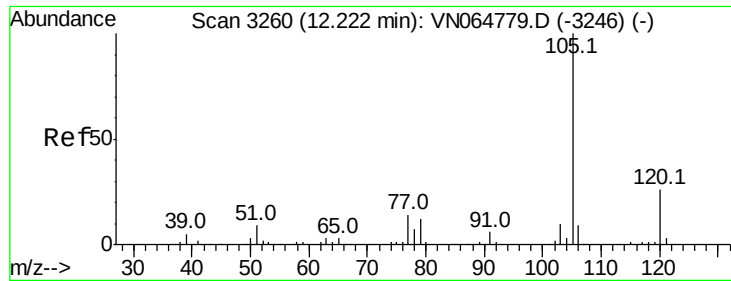
Tot Ion:173 Resp: 29942
Ion Ratio Lower Upper
173 100
175 47.8 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion:152 Resp: 130502
Ion Ratio Lower Upper
152 100
115 58.6 29.7 89.1
150 162.3 0.0 350.6





#73

Isopropylbenzene

Concen: 19.114 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

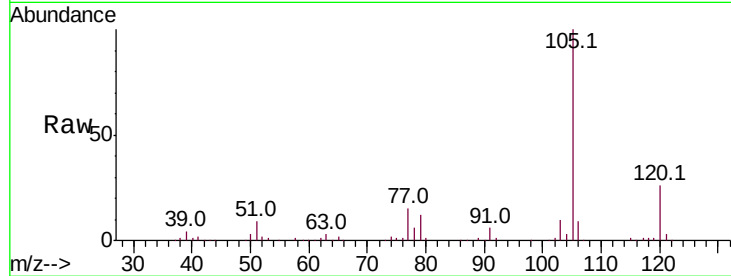
VN1124WBSD02

Tot Ion:105 Resp: 173500

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

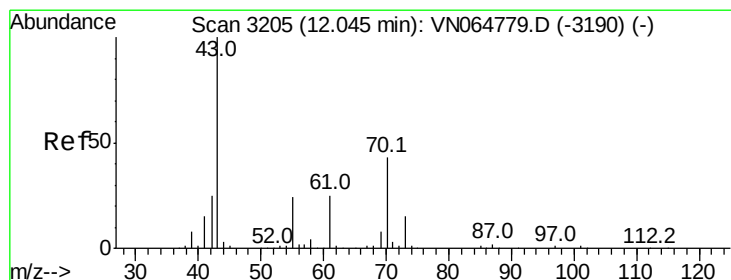
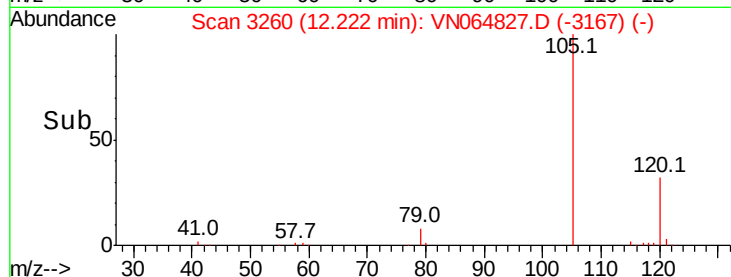
40000

20000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 17.510 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Tgt Ion: 43 Resp: 62552

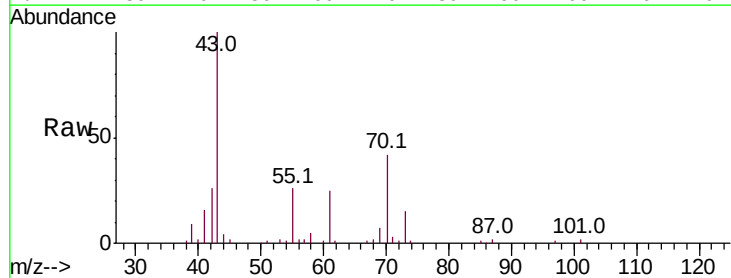
Ion Ratio Lower Upper

43 100

70 43.3 34.5 51.7

55 25.4 20.4 30.6

61 24.9 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

60000

50000

40000

30000

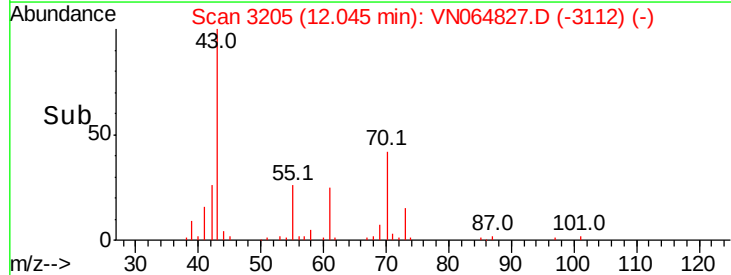
20000

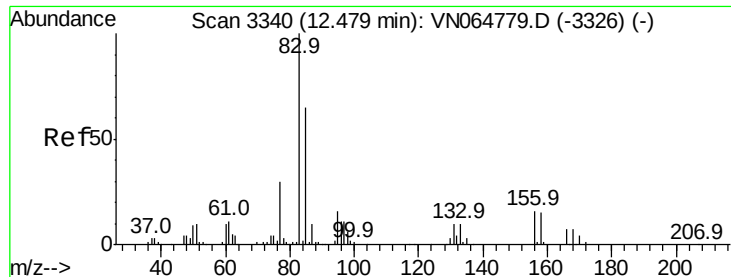
10000

0

12.00 12.05 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.595 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

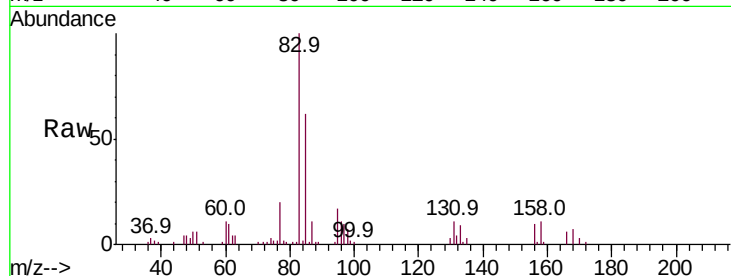
Tot Ion: 83 Resp: 52134

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

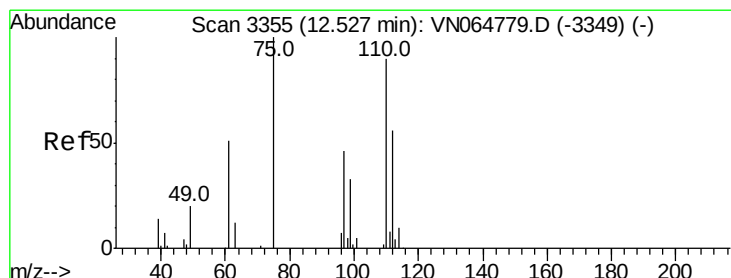
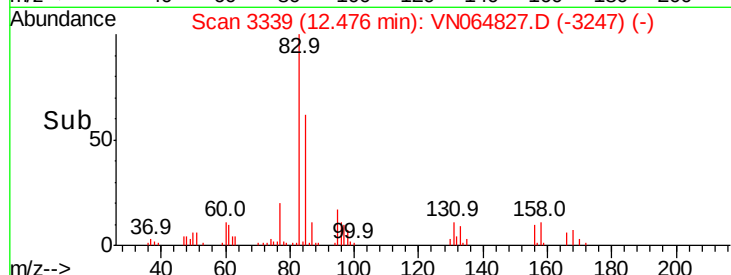
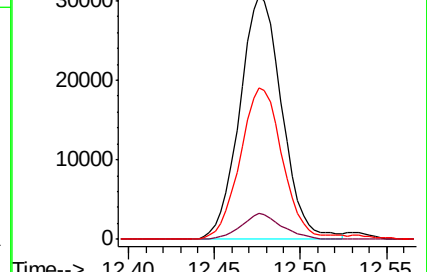
85 62.7 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064827.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064827.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064827.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 24.962 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064827.D

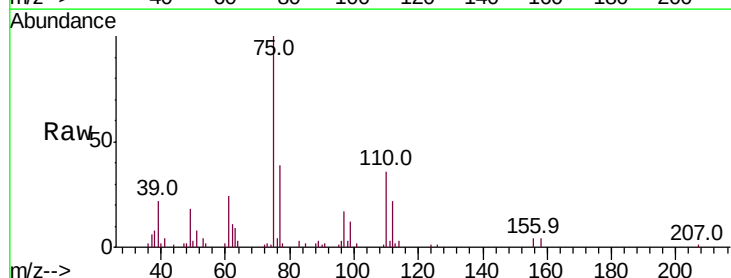
Acq: 24 Nov 2020 22:41

Tgt Ion: 75 Resp: 70154

Ion Ratio Lower Upper

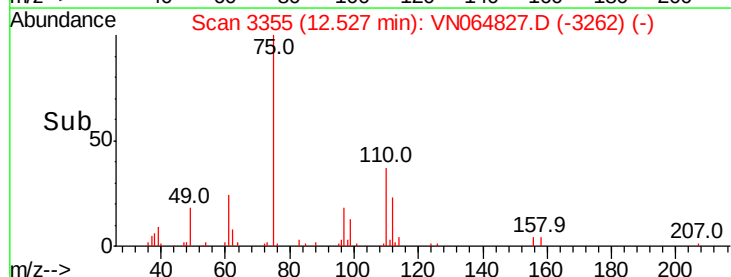
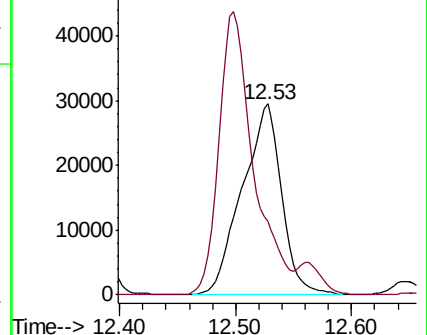
75 100

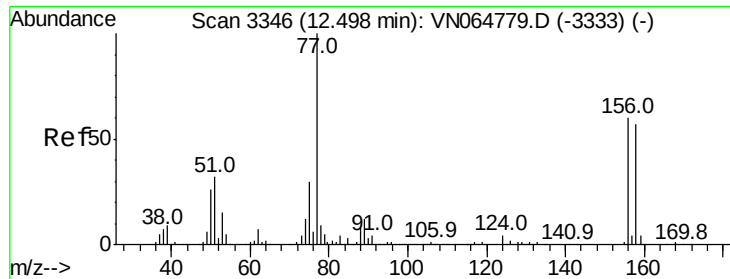
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064827.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064827.D (-3262) (-)





#77

Bromobenzene

Concen: 18.175 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

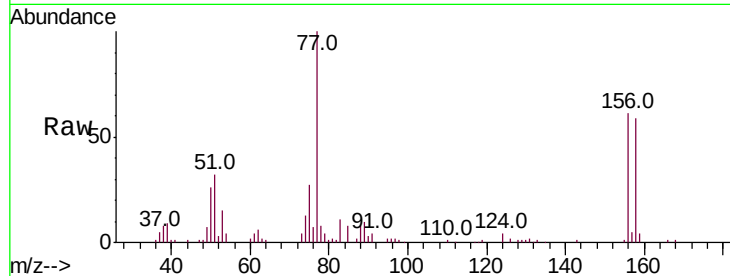
Tot Ion:156 Resp: 44478

Ion Ratio Lower Upper

156 100

77 205.7 101.3 303.7

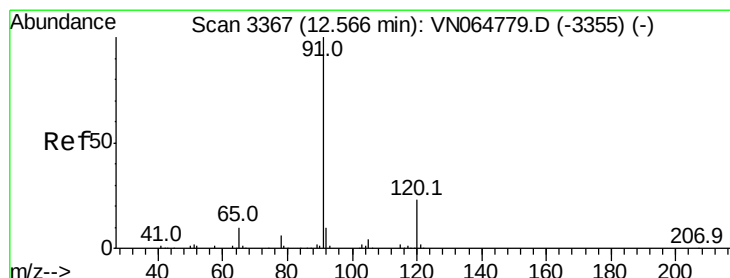
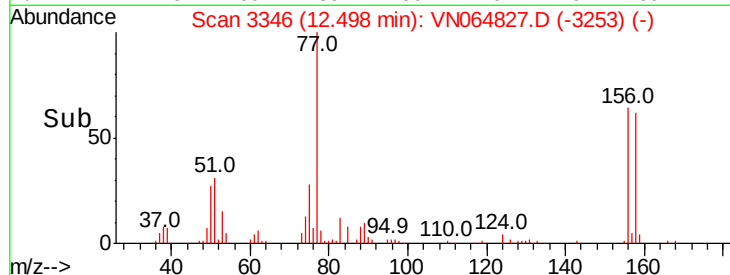
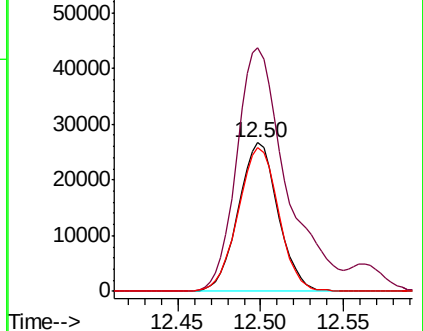
158 98.5 48.2 144.6



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: 18.773 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064827.D

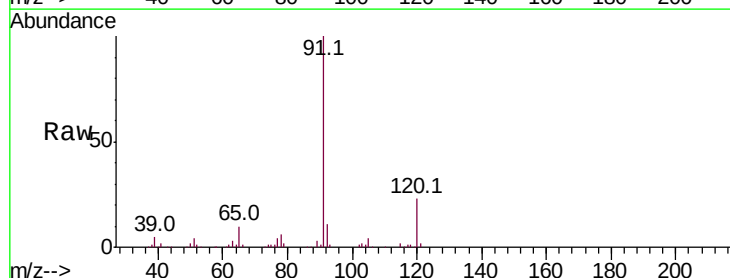
Acq: 24 Nov 2020 22:41

Tgt Ion: 91 Resp: 194128

Ion Ratio Lower Upper

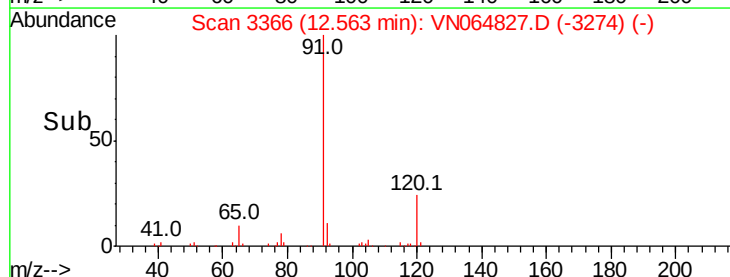
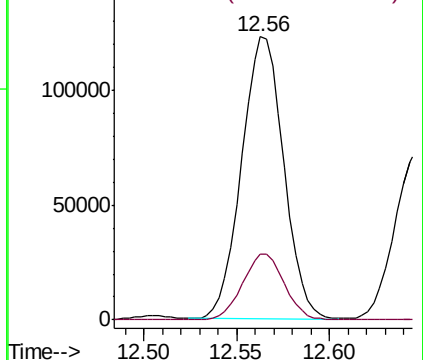
91 100

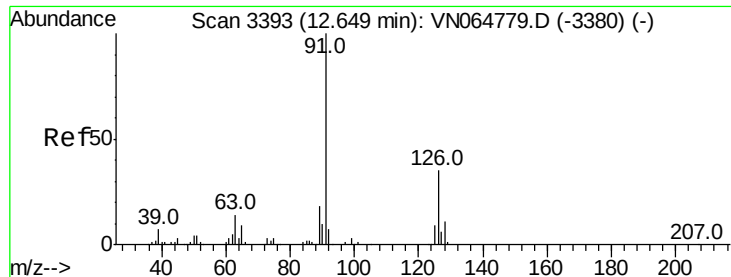
120 23.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.720 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

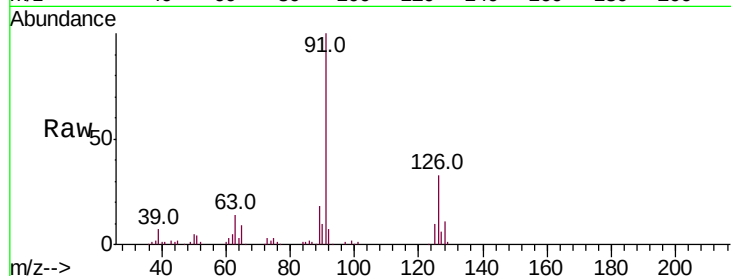
VN1124WBSD02

Tot Ion: 91 Resp: 119660

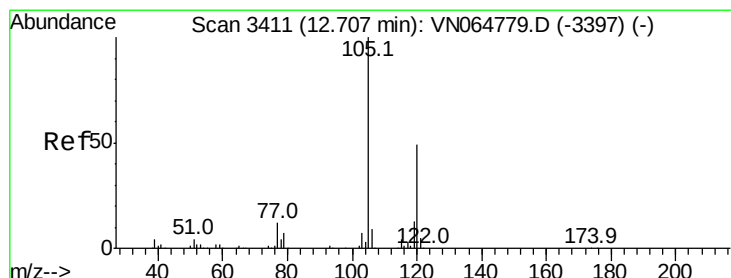
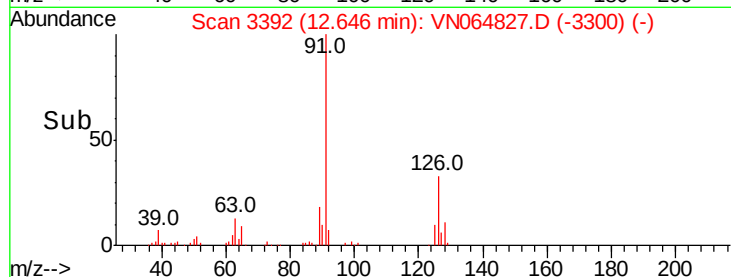
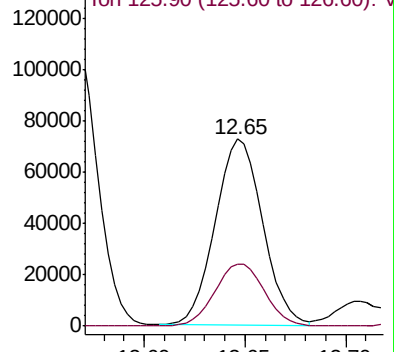
Ion Ratio Lower Upper

91 100

126 35.0 17.2 51.6



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



#80

1,3,5-Trimethylbenzene

Concen: 19.386 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064827.D

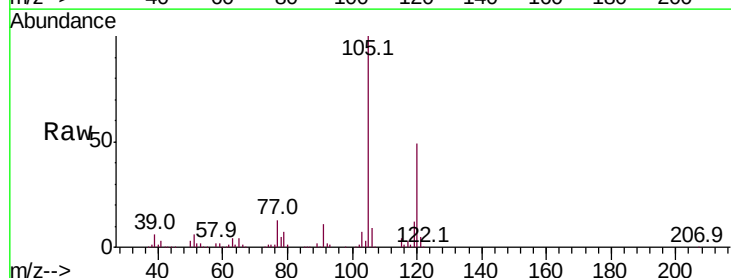
Acq: 24 Nov 2020 22:41

Tgt Ion: 105 Resp: 146265

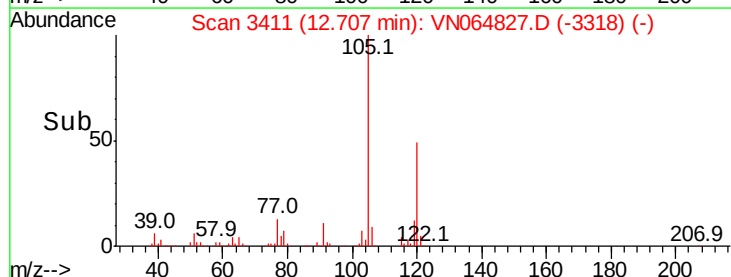
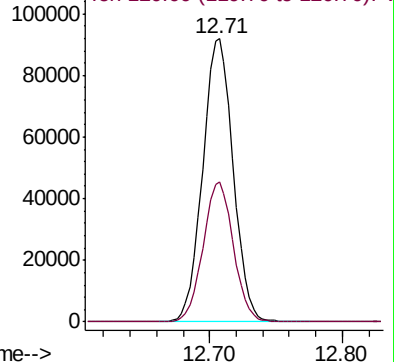
Ion Ratio Lower Upper

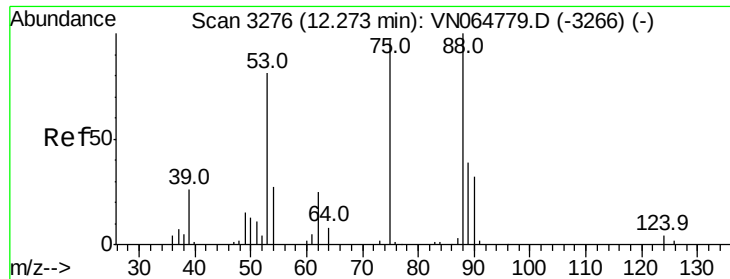
105 100

120 49.2 24.6 73.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 16.443 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampled :

VN1124WBSD02

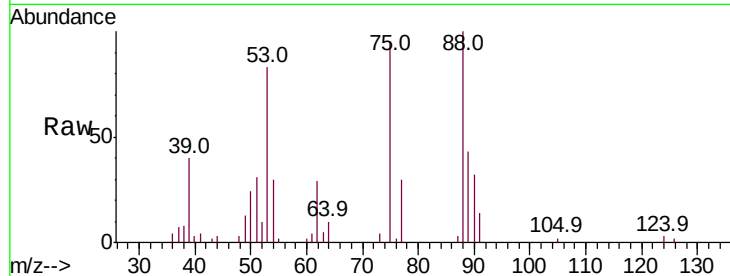
Tot Ion: 75 Resp: 16861

Ion Ratio Lower Upper

75 100

53 88.1 67.0 100.4

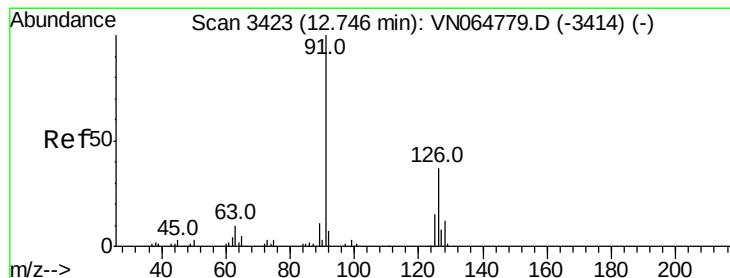
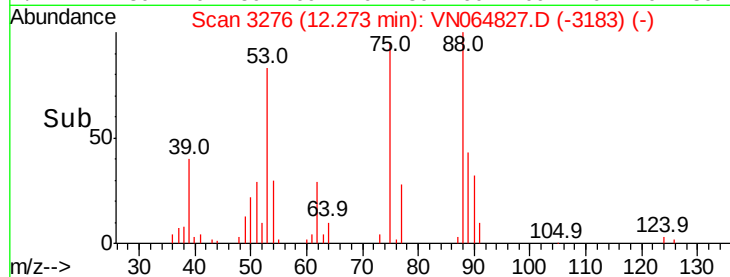
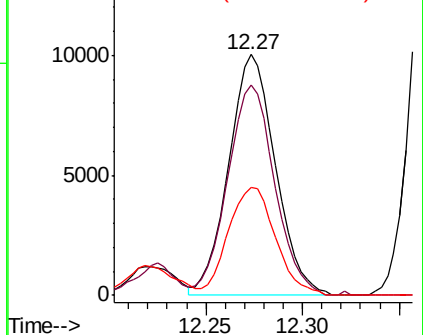
89 45.0 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.488 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064827.D

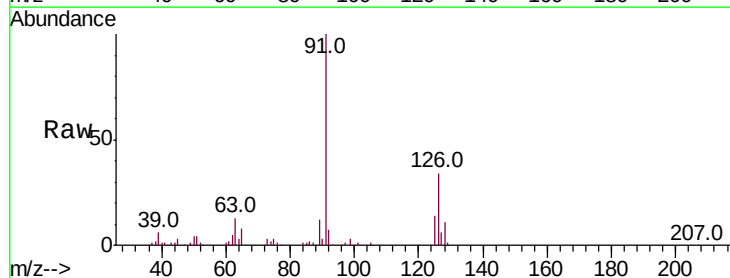
Acq: 24 Nov 2020 22:41

Tgt Ion: 91 Resp: 123874

Ion Ratio Lower Upper

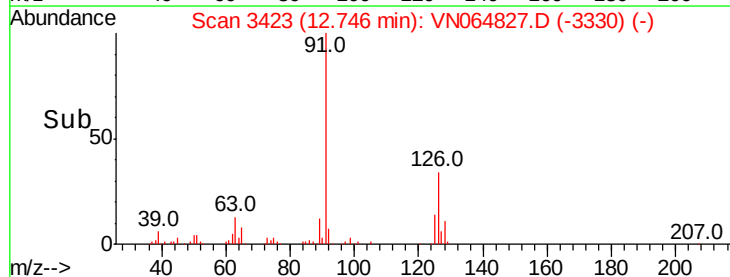
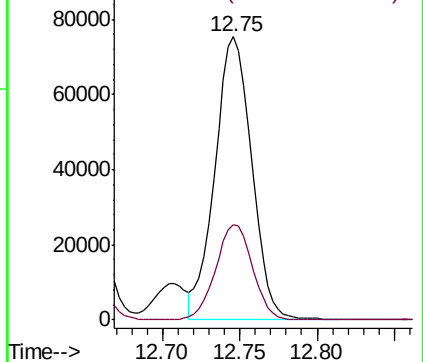
91 100

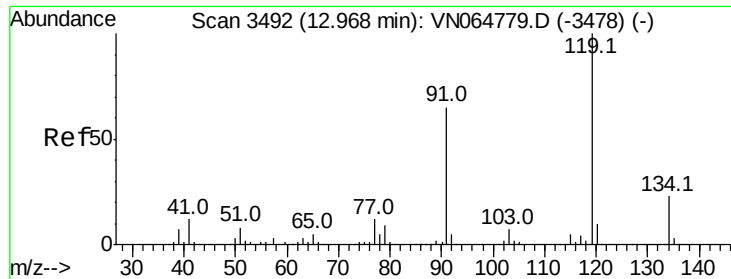
126 34.0 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

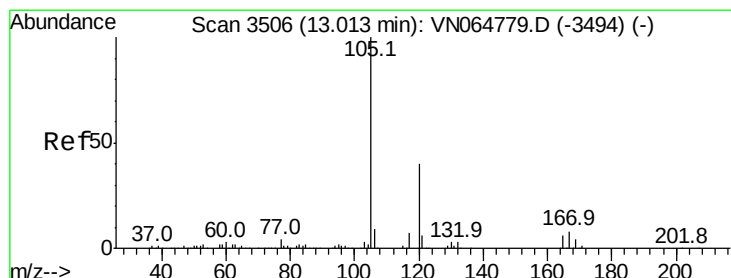
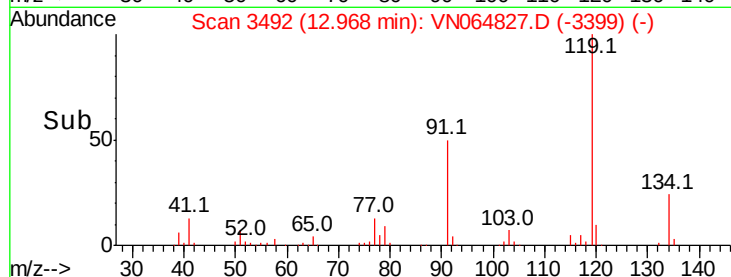
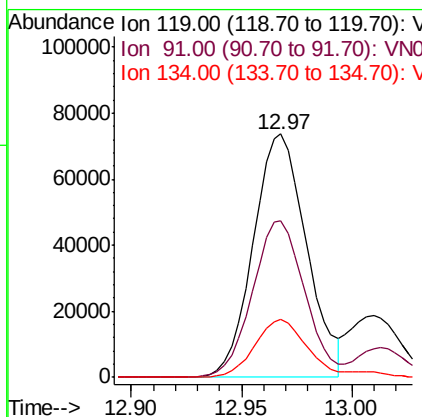
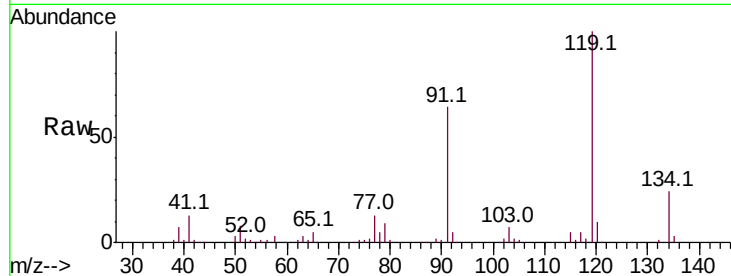




#83
 tert-Butylbenzene
 Concen: 19.564 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

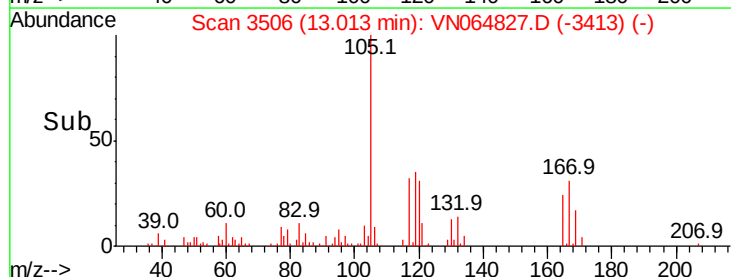
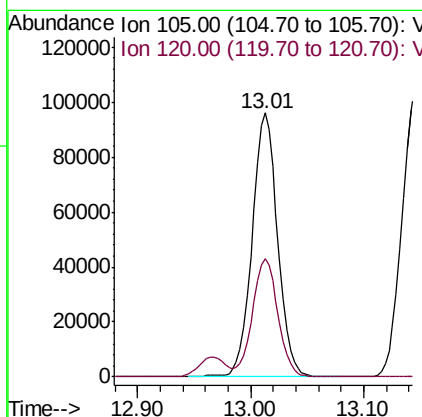
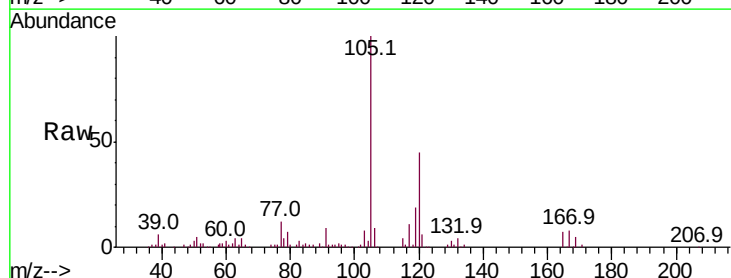
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

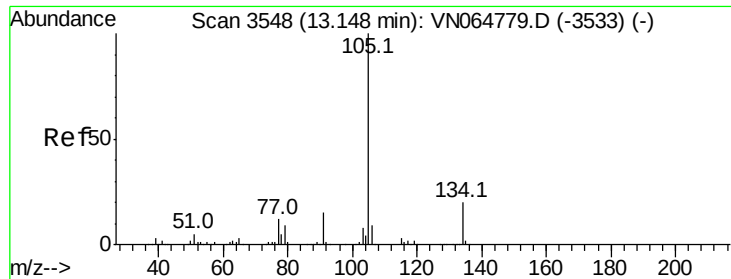
Tot Ion:	119	Resp:	123725
Ion Ratio	Lower	Upper	
119	100		
91	63.4	32.3	96.8
134	23.3	12.6	37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.659 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion:	105	Resp:	149972
Ion Ratio	Lower	Upper	
105	100		
120	44.8	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.308 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

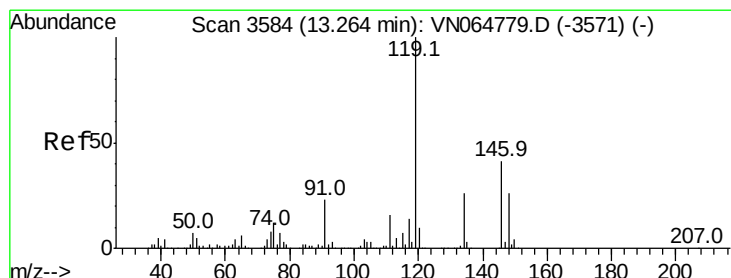
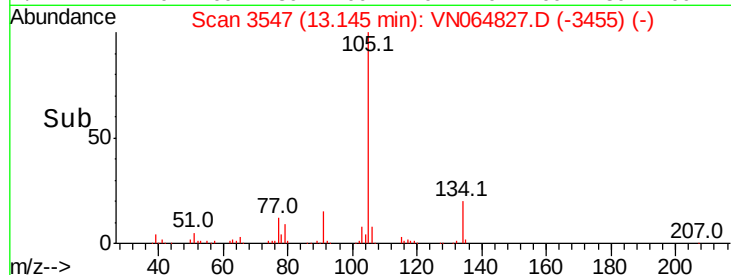
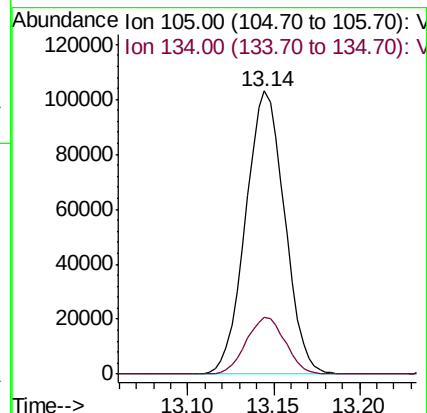
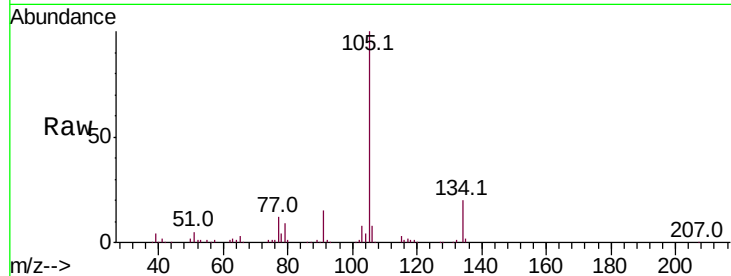
VN1124WBSD02

Tot Ion:105 Resp: 162124

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.093 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

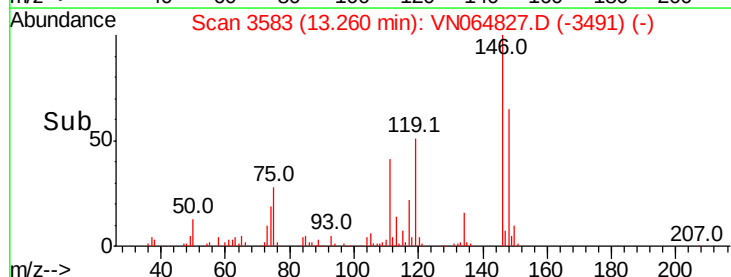
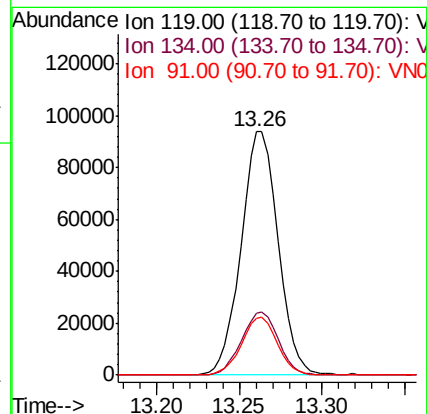
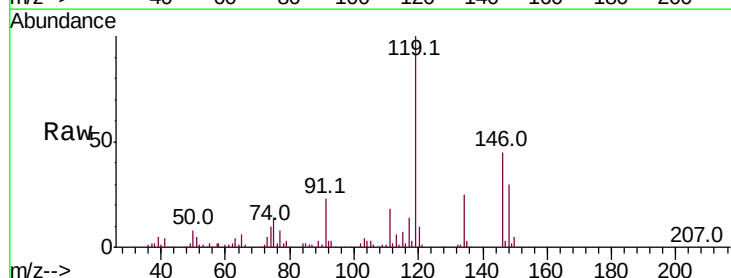
Tgt Ion:119 Resp: 145960

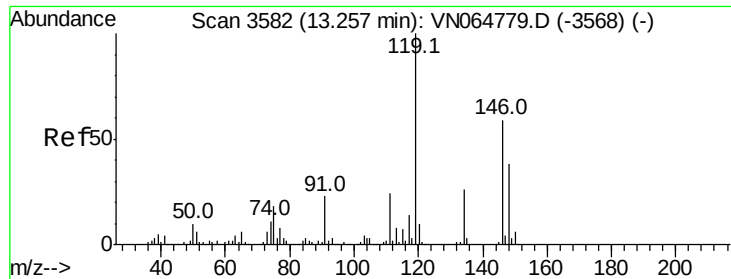
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 23.2 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 17.710 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

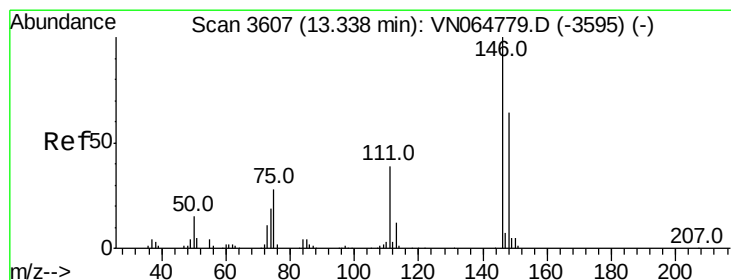
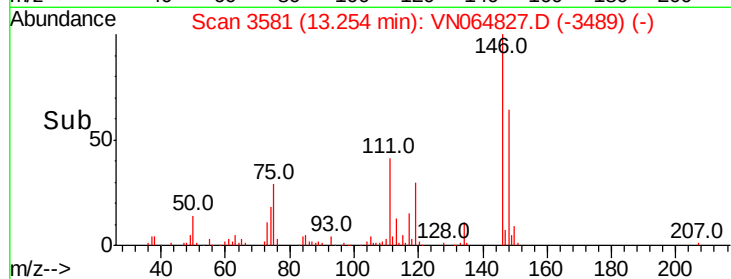
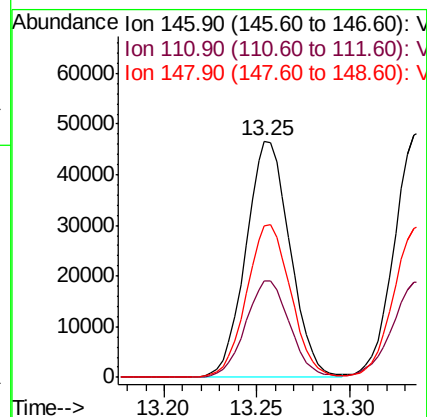
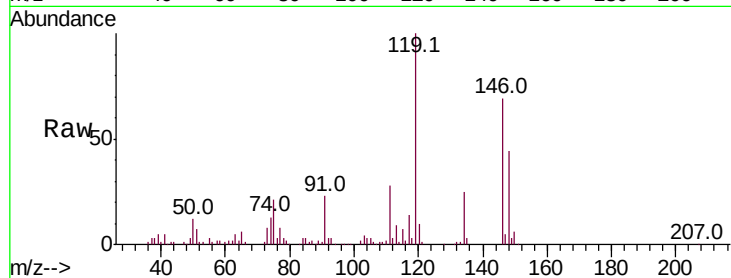
Tot Ion:146 Resp: 77003

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

148 64.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 17.458 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

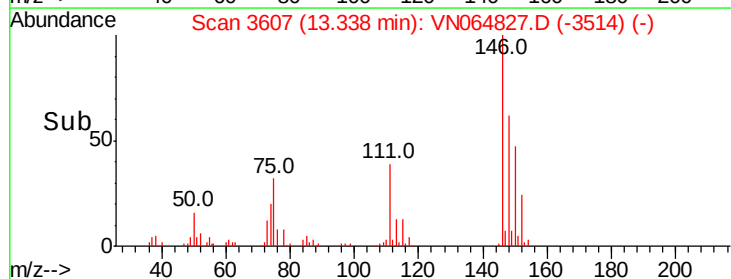
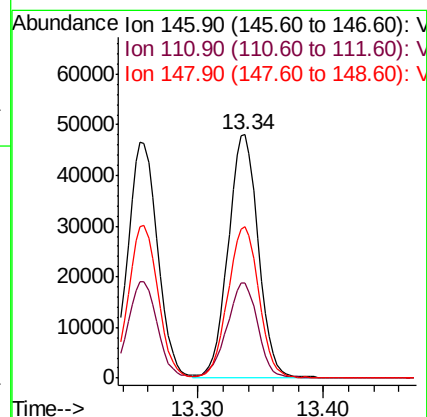
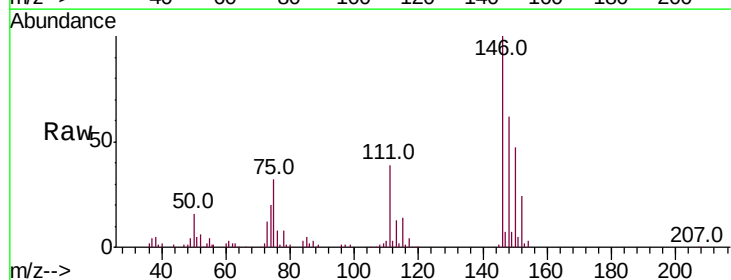
Tgt Ion:146 Resp: 80276

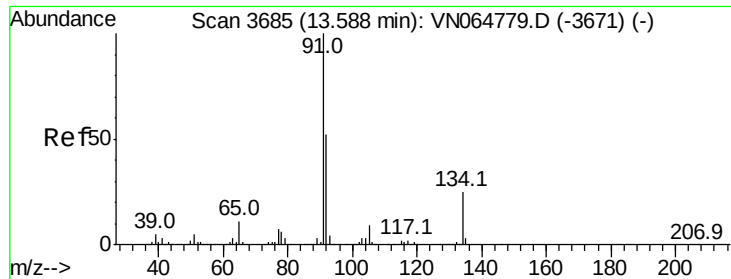
Ion Ratio Lower Upper

146 100

111 40.3 19.8 59.3

148 63.9 31.9 95.5

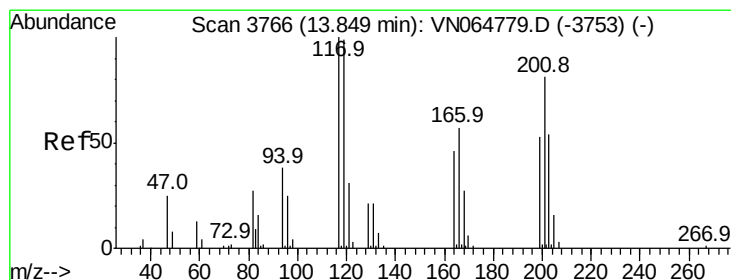
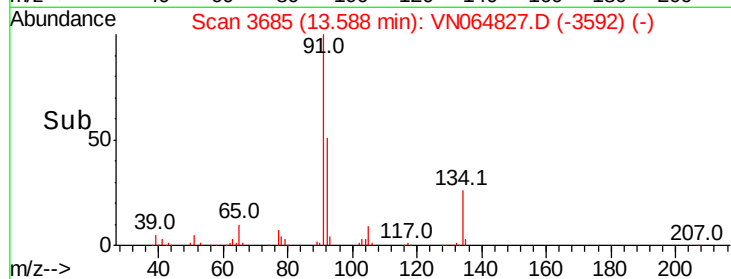
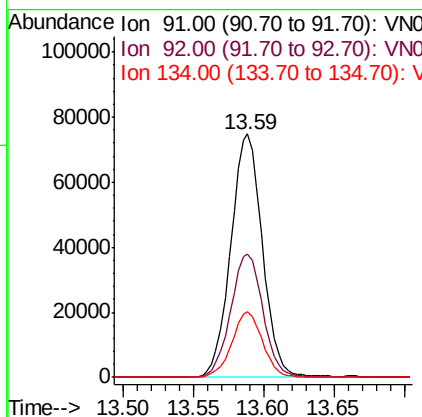
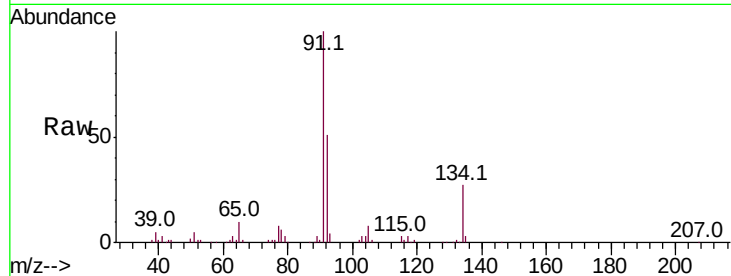




#89
n-Butylbenzene
Concen: 17.506 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

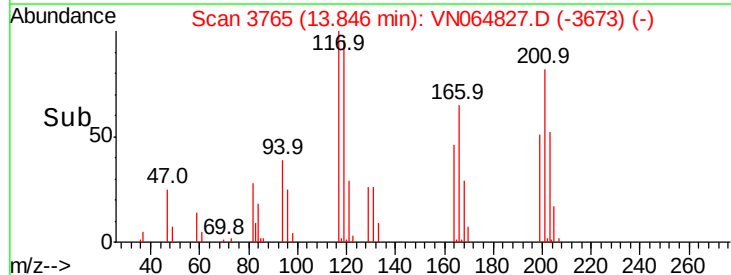
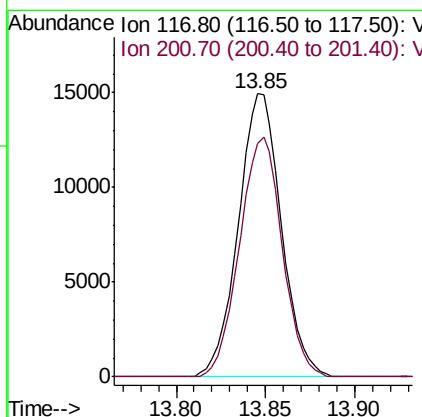
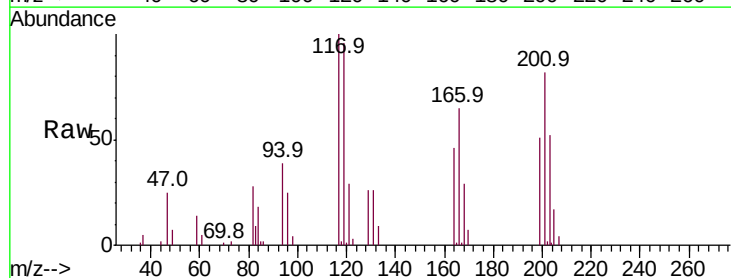
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

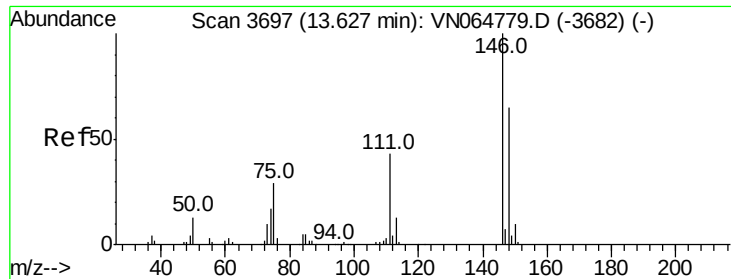
Tot Ion: 91 Resp: 117524
Ion Ratio Lower Upper
91 100
92 51.9 26.0 78.0
134 26.1 12.9 38.6



#90
Hexachloroethane
Concen: 18.862 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion: 117 Resp: 25050
Ion Ratio Lower Upper
117 100
201 83.9 40.1 120.3

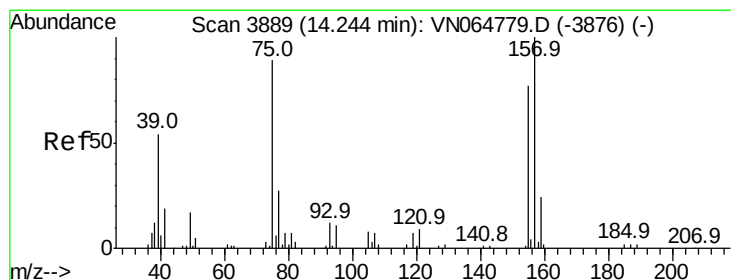
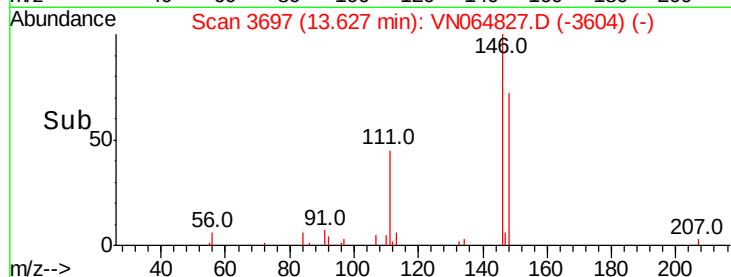
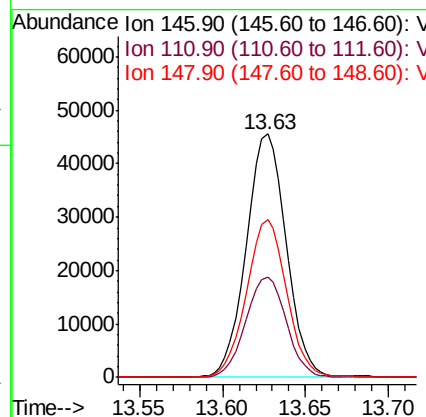
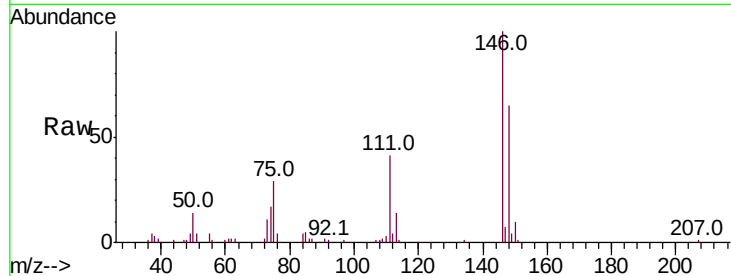




#91
 1,2-Dichlorobenzene
 Concen: 17.999 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

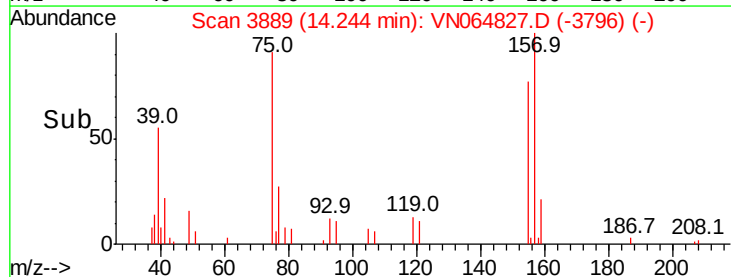
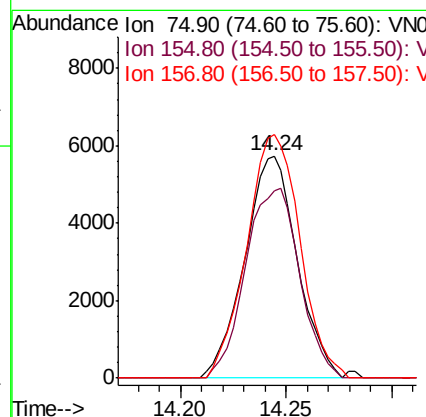
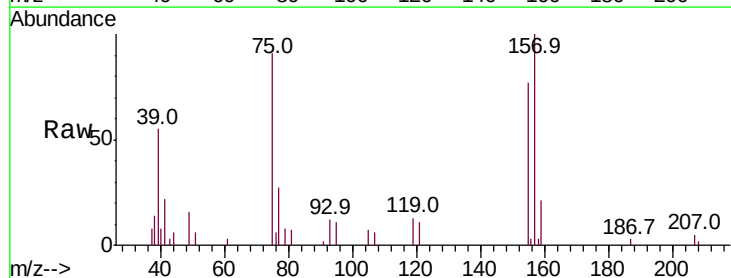
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

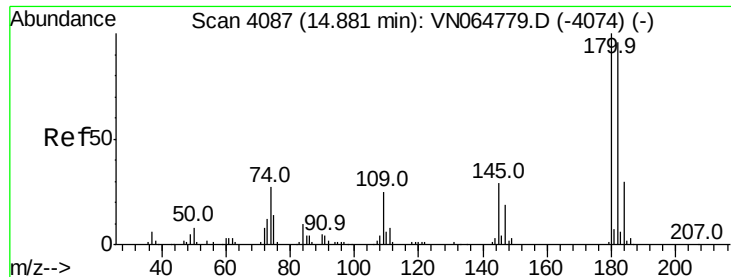
Tot Ion:146 Resp: 76839
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.1 63.1
 148 64.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.559 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion: 75 Resp: 9913
 Ion Ratio Lower Upper
 75 100
 155 88.0 42.8 128.3
 157 111.8 56.4 169.1

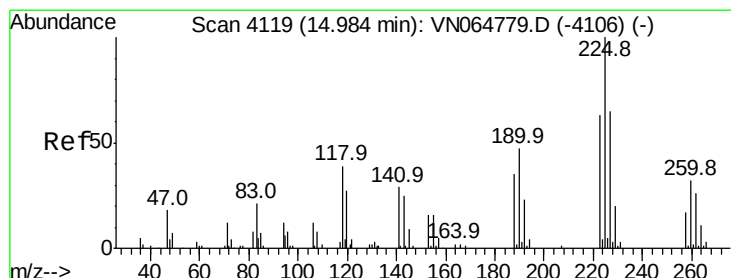
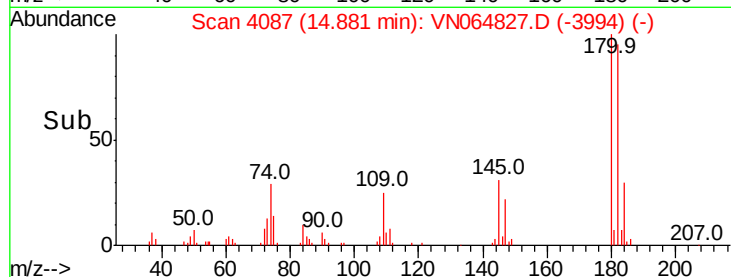
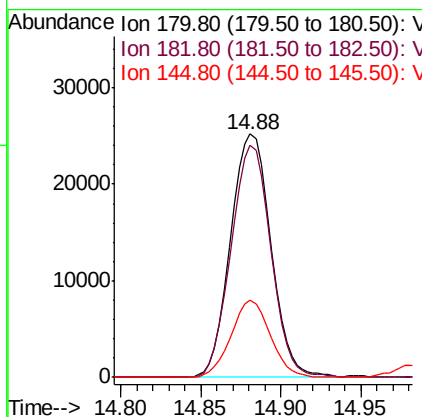
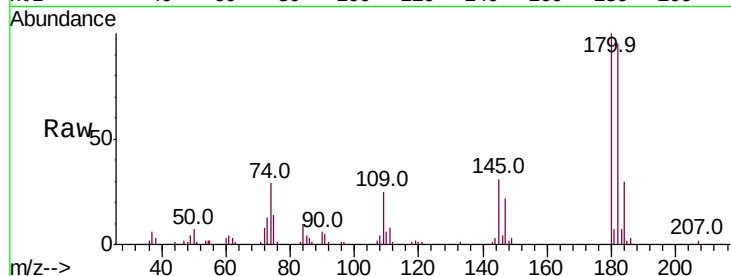




#93
 1,2,4-Trichlorobenzene
 Concen: 16.426 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

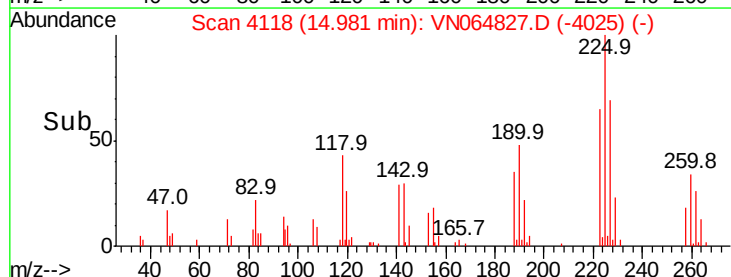
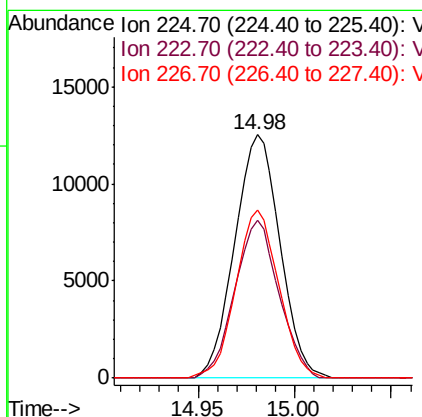
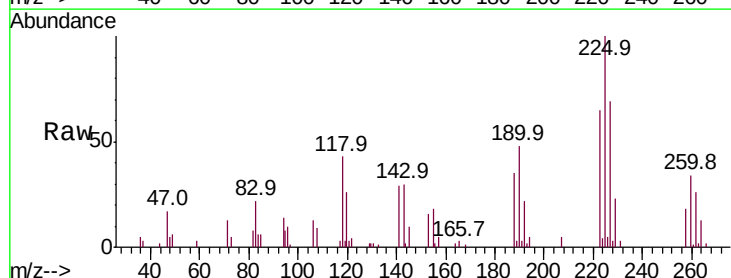
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

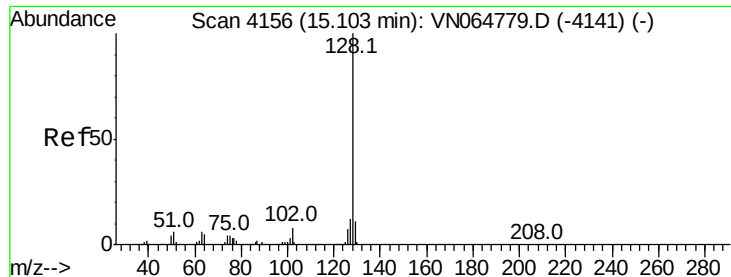
Tot Ion:180 Resp: 43380
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.6 142.9
 145 30.4 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 17.369 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion:225 Resp: 20365
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.0 93.0
 227 65.7 32.0 96.0





#95

Naphthalene

Concen: 16.401 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

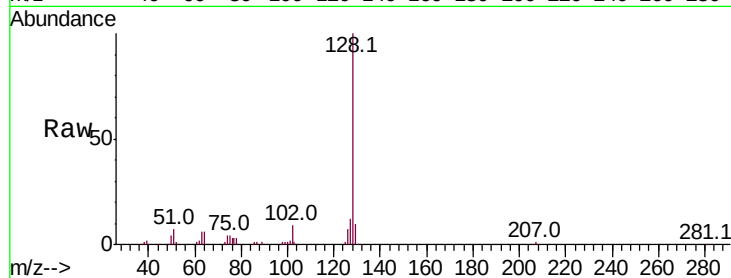
Tot Ion:128 Resp: 129767

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

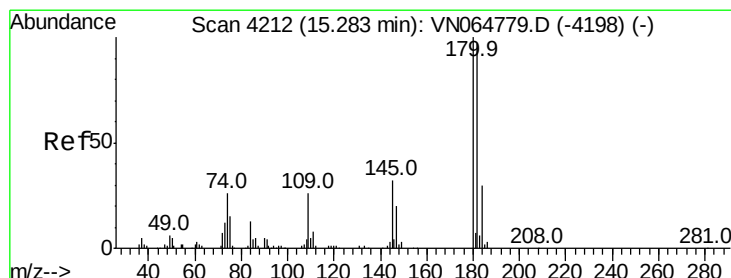
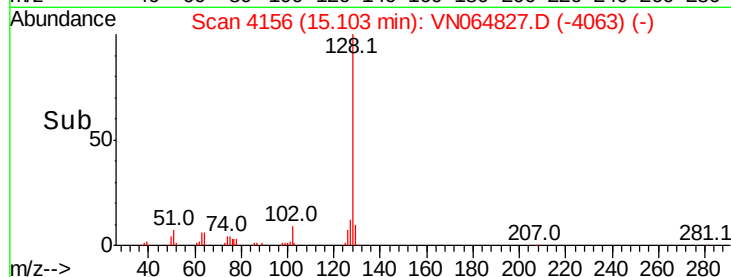
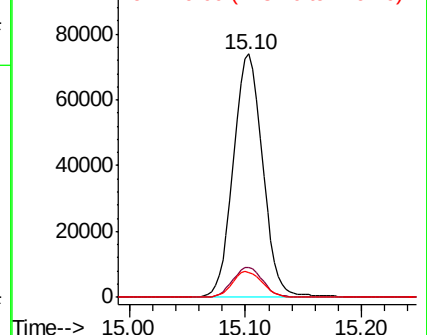
129 10.9 8.7 13.1



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: 17.916 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

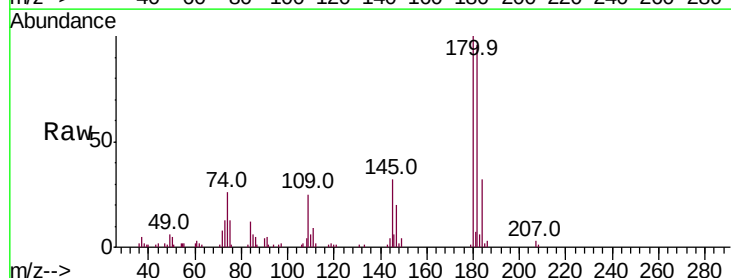
Tgt Ion:180 Resp: 42658

Ion Ratio Lower Upper

180 100

182 94.9 48.1 144.4

145 32.2 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

