

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064426.D
 Acq On : 4 Nov 2020 10:12
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 11:39:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 11:31:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	348869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	620881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	559682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222598	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	31473	5.51	ug/l	0.00
Spiked Amount			Recovery	=	11.02%	
35) Dibromofluoromethane	7.55	113	20218	4.88	ug/l	0.00
Spiked Amount			Recovery	=	9.76%	
50) Toluene-d8	10.06	98	76963	4.95	ug/l	0.00
Spiked Amount			Recovery	=	9.90%	
62) 4-Bromofluorobenzene	12.37	95	26697	4.43	ug/l	0.00
Spiked Amount			Recovery	=	8.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	22110	5.359	ug/l	91
3) Chloromethane	2.04	50	27397	5.984	ug/l	98
4) Vinyl Chloride	2.17	62	27317	6.122	ug/l	92
5) Bromomethane	2.53	94	19181	6.558	ug/l	93
6) Chloroethane	2.68	64	17654	6.485	ug/l	93
7) Trichlorofluoromethane	2.99	101	42729	5.850	ug/l	99
8) Diethyl Ether	3.37	74	14877	6.325	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	21080	5.818	ug/l	90
10) Methyl Iodide	3.91	142	19024	4.024	ug/l	99
11) Tert butyl alcohol	4.75	59	14043	17.706	ug/l	99
12) 1,1-Dichloroethene	3.70	96	18663	5.454	ug/l	95
13) Acrolein	3.57	56	9083	37.811	ug/l	89
14) Allyl chloride	4.27	41	35104	5.036	ug/l #	91
15) Acrylonitrile	4.93	53	42507	23.740	ug/l	97
16) Acetone	3.78	43	50648	23.839	ug/l	94
17) Carbon Disulfide	4.01	76	51778	5.073	ug/l	98
18) Methyl Acetate	4.28	43	21468	5.028	ug/l	93
19) Methyl tert-butyl Ether	4.98	73	61743	4.737	ug/l	96
20) Methylene Chloride	4.50	84	22310	5.461	ug/l	92
21) trans-1,2-Dichloroethene	4.98	96	20633	5.355	ug/l	93
22) Diisopropyl ether	5.90	45	70679	5.091	ug/l #	87
23) Vinyl Acetate	5.84	43	281688	24.255	ug/l	100
24) 1,1-Dichloroethane	5.79	63	42211	5.482	ug/l	98
25) 2-Butanone	6.78	43	63238	21.947	ug/l	97
26) 2,2-Dichloropropane	6.78	77	35679	4.804	ug/l	79
27) cis-1,2-Dichloroethene	6.78	96	23015	5.231	ug/l	97
28) Bromochloromethane	7.14	49	20677	5.779	ug/l #	96
29) Tetrahydrofuran	7.17	42	35705	19.364	ug/l	97
30) Chloroform	7.33	83	42253	5.141	ug/l	97
31) Cyclohexane	7.61	56	40966	6.060	ug/l #	72
32) 1,1,1-Trichloroethane	7.53	97	36716	4.731	ug/l	99
36) 1,1-Dichloropropene	7.75	75	30668	4.790	ug/l	97
37) Ethyl Acetate	6.88	43	28823	4.513	ug/l #	75
38) Carbon Tetrachloride	7.73	117	31849	4.387	ug/l	98

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 Data File : VN064426.D
 Acq On : 4 Nov 2020 10:12
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 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 11:39:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 11:31:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	26598	4.260	ug/l	92
40) Benzene	8.00	78	92261	5.145	ug/l	99
41) Methacrylonitrile	7.13	41	12091	3.887	ug/l	93
42) 1,2-Dichloroethane	8.08	62	38358	5.023	ug/l	99
43) Isopropyl Acetate	8.12	43	47180	4.330	ug/l #	93
44) Trichloroethene	8.80	130	22804	4.926	ug/l	97
45) 1,2-Dichloropropane	9.08	63	23864	4.961	ug/l	91
46) Dibromomethane	9.17	93	15429	4.673	ug/l	94
47) Bromodichloromethane	9.37	83	34206	4.665	ug/l	95
48) Methyl methacrylate	9.16	41	23085	4.101	ug/l	96
49) 1,4-Dioxane	9.17	88	5949	73.358	ug/l #	81
51) 4-Methyl-2-Pentanone	9.95	43	132635	20.825	ug/l	98
52) Toluene	10.12	92	53212	4.710	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	32351	4.149	ug/l	91
54) cis-1,3-Dichloropropene	9.81	75	36591	4.563	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	21682	4.887	ug/l	96
56) Ethyl methacrylate	10.40	69	27296	4.081	ug/l	94
57) 1,3-Dichloropropane	10.68	76	35863	4.740	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	71183	20.456	ug/l	99
59) 2-Hexanone	10.72	43	91880	19.628	ug/l	96
60) Dibromochloromethane	10.87	129	21585	4.178	ug/l	97
61) 1,2-Dibromoethane	10.98	107	21009	4.676	ug/l	98
64) Tetrachloroethene	10.60	164	21660	4.715	ug/l	96
65) Chlorobenzene	11.40	112	58907	5.088	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	20988	4.532	ug/l	95
67) Ethyl Benzene	11.48	91	98203	4.566	ug/l	99
68) m/p-Xylenes	11.59	106	68099	8.558	ug/l	90
69) o-Xylene	11.92	106	34773	4.531	ug/l	99
70) Styrene	11.94	104	54443	4.328	ug/l	98
71) Bromoform	12.10	173	12392	3.480	ug/l #	95
73) Isopropylbenzene	12.22	105	87888	5.159	ug/l	100
74) N-amyl acetate	12.05	43	33426	4.469	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	25624	5.151	ug/l	97
76) 1,2,3-Trichloropropane	12.52	75	37110	6.955	ug/l #	100
77) Bromobenzene	12.50	156	21469	5.192	ug/l	97
78) n-propylbenzene	12.56	91	95717	4.964	ug/l	97
79) 2-Chlorotoluene	12.65	91	62858	5.119	ug/l	97
80) 1,3,5-Trimethylbenzene	12.70	105	70504	4.914	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.27	75	8216	4.379	ug/l	89
82) 4-Chlorotoluene	12.75	91	63368	5.034	ug/l	97
83) tert-Butylbenzene	12.97	119	55971	4.799	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	68029	4.739	ug/l	97
85) sec-Butylbenzene	13.14	105	70353	4.646	ug/l	99
86) p-Isopropyltoluene	13.26	119	60865	4.474	ug/l	98
87) 1,3-Dichlorobenzene	13.25	146	36023	4.957	ug/l	97
88) 1,4-Dichlorobenzene	13.33	146	37035	5.003	ug/l	94
89) n-Butylbenzene	13.59	91	51530	4.295	ug/l	98
90) Hexachloroethane	13.85	117	12542	4.939	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	35951	4.974	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	4809	4.035	ug/l	92

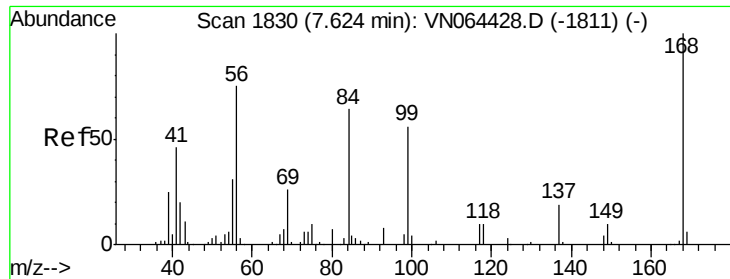
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
Data File : VN064426.D
Acq On : 4 Nov 2020 10:12
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Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 04 11:39:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 11:31:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	10263	2.954	ug/l	94
94) Hexachlorobutadiene	14.98	225	7028	3.350	ug/l	95
95) Naphthalene	15.10	128	30170	2.772	ug/l	97
96) 1,2,3-Trichlorobenzene	15.28	180	11206	3.340	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

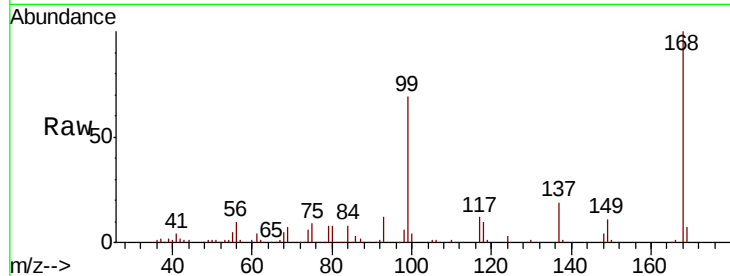
ClientSampled :

Tot Ion:168 Resp: 348869

Ion Ratio Lower Upper

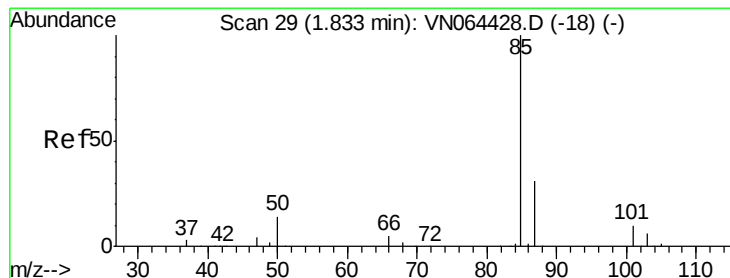
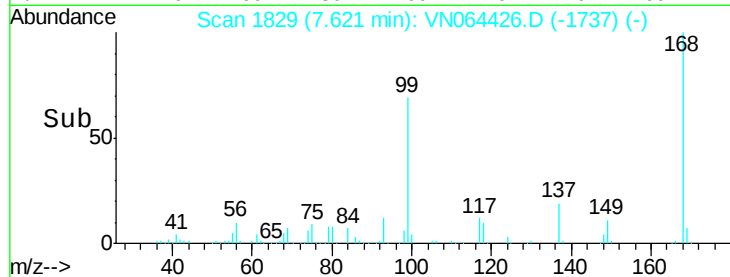
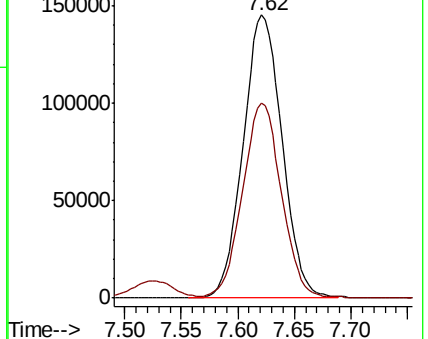
168 100

99 68.5 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 5.359 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064426.D

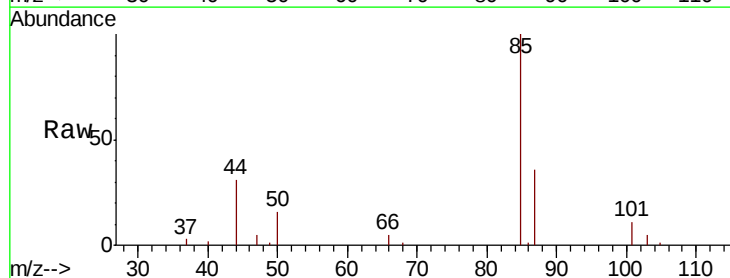
Acq: 4 Nov 2020 10:12

Tgt Ion: 85 Resp: 22110

Ion Ratio Lower Upper

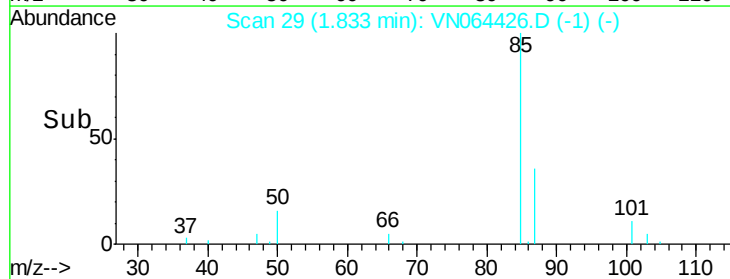
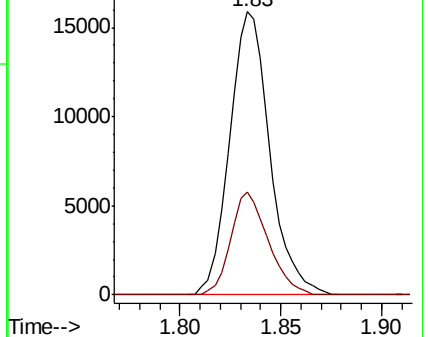
85 100

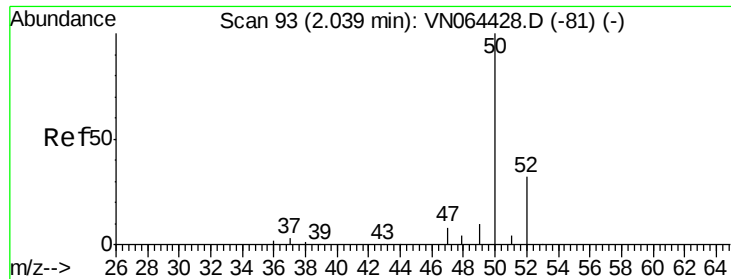
87 36.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 5.984 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

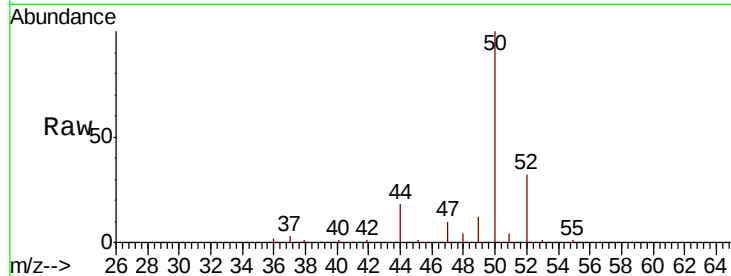
ClientSampled :

Tot Ion: 50 Resp: 27397

Ion Ratio Lower Upper

50 100

52 32.4 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC

2.04

20000

15000

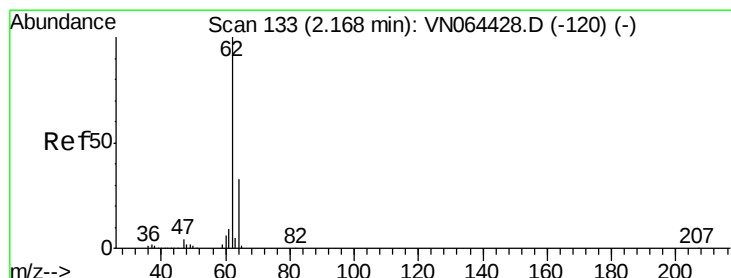
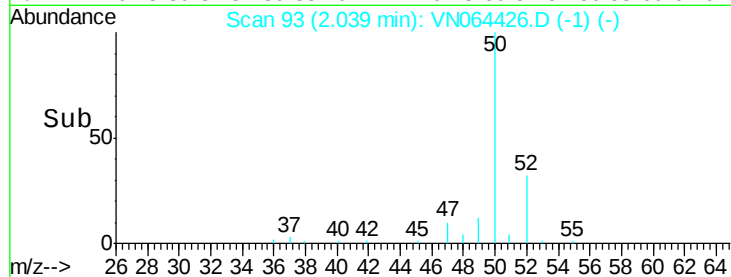
10000

5000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 6.122 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064426.D

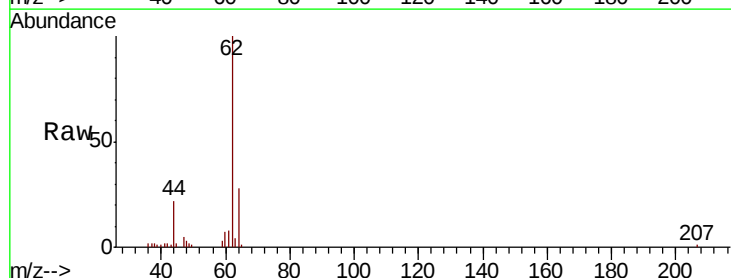
Acq: 4 Nov 2020 10:12

Tgt Ion: 62 Resp: 27317

Ion Ratio Lower Upper

62 100

64 28.2 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

2.17

20000

15000

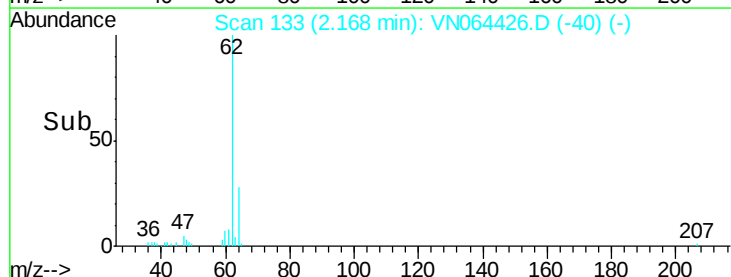
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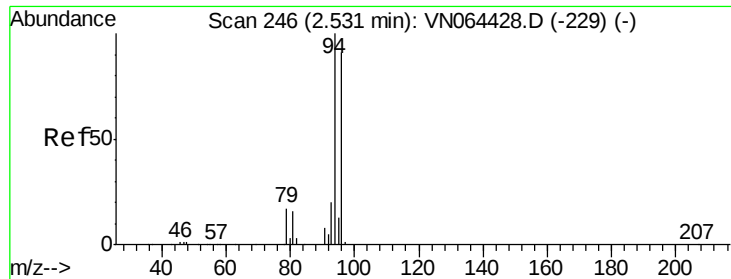
5000

0

Time-->

2.10 2.15 2.20





#5

Bromomethane

Concen: 6.558 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

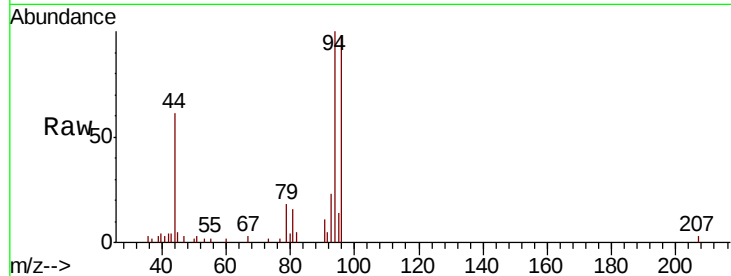
ClientSampled :

Tot Ion: 94 Resp: 19181

Ion Ratio Lower Upper

94 100

96 98.4 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

10000

8000

6000

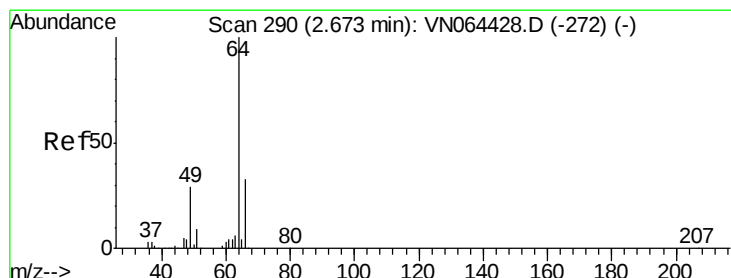
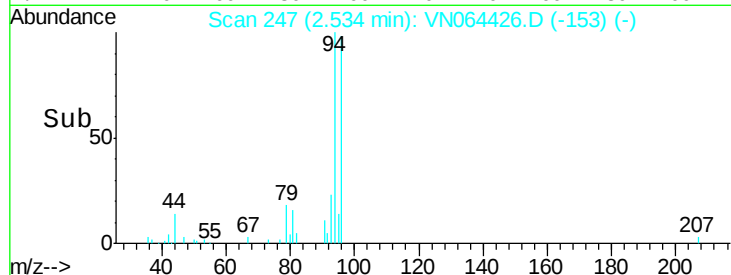
4000

2000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 6.485 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064426.D

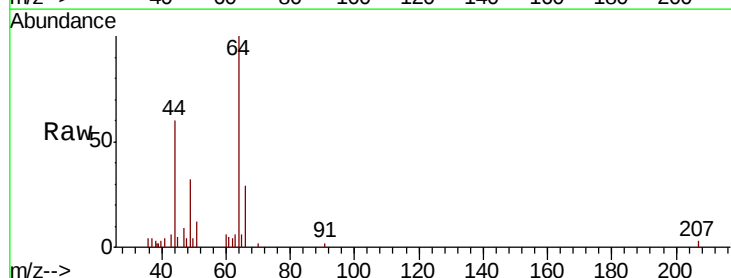
Acq: 4 Nov 2020 10:12

Tgt Ion: 64 Resp: 17654

Ion Ratio Lower Upper

64 100

66 28.7 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

10000

8000

6000

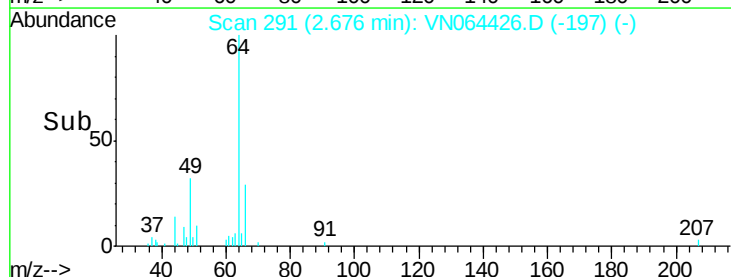
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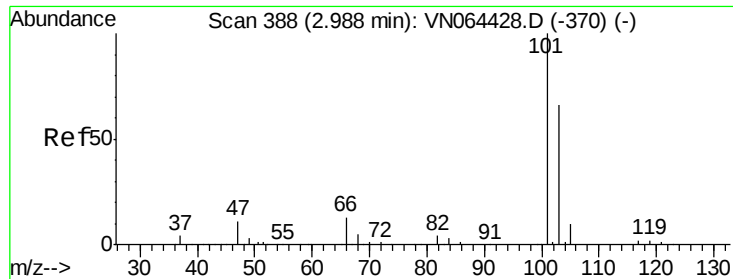
2000

0

Time-->

2.60 2.65 2.70 2.75



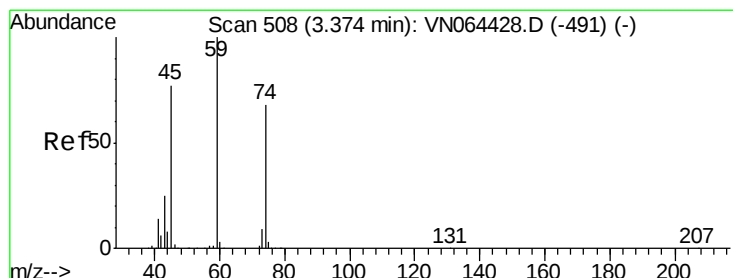
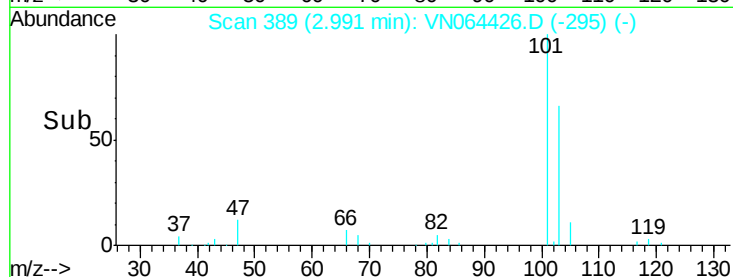
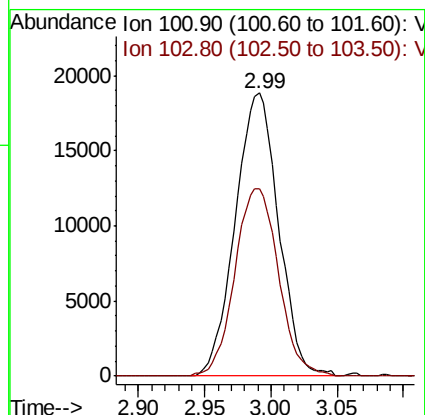
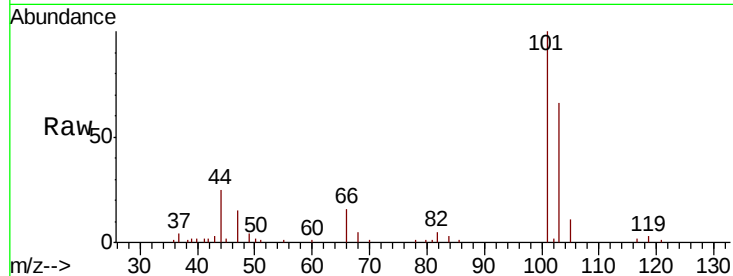


#7

Trichlorofluoromethane
Concen: 5.850 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampled :

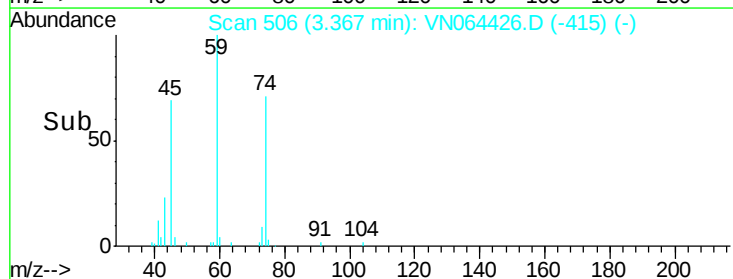
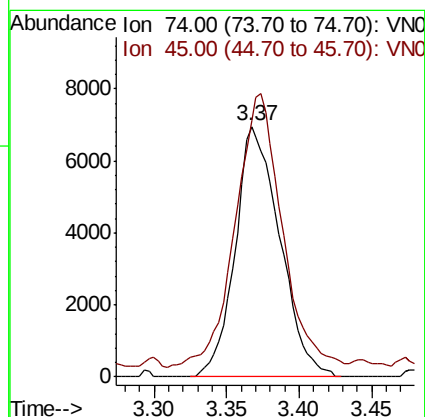
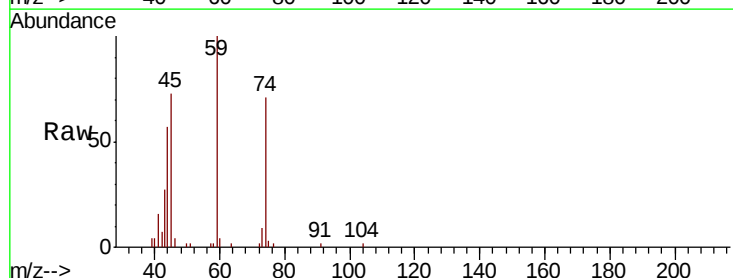
Tot Ion:101 Resp: 42729
Ion Ratio Lower Upper
101 100
103 66.3 52.4 78.6

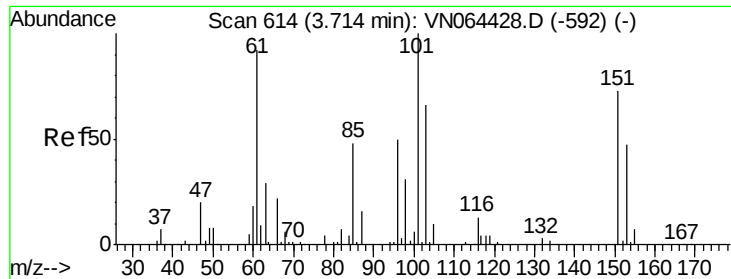


#8

Diethyl Ether
Concen: 6.325 ug/l
RT: 3.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 74 Resp: 14877
Ion Ratio Lower Upper
74 100
45 111.7 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.818 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampled :

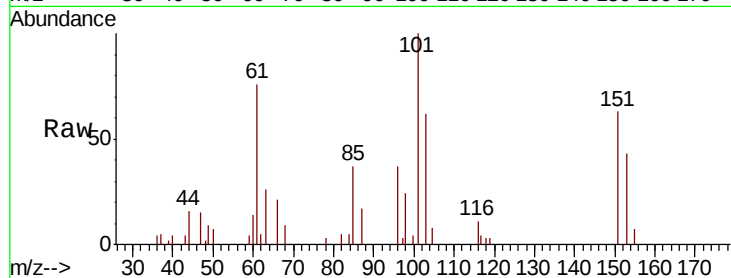
Tot Ion:101 Resp: 21080

Ion Ratio Lower Upper

101 100

85 41.5 38.6 57.8

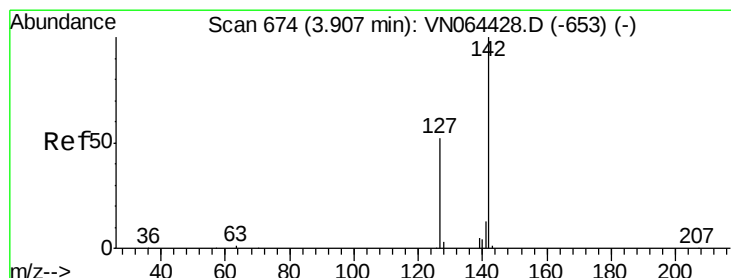
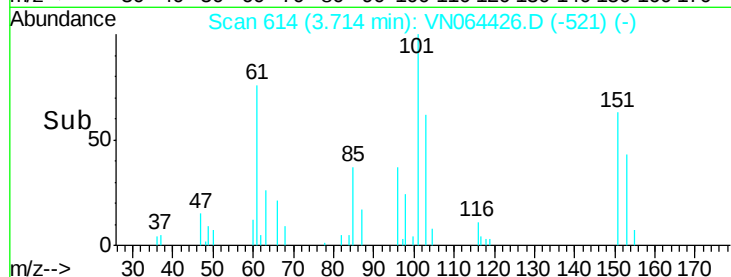
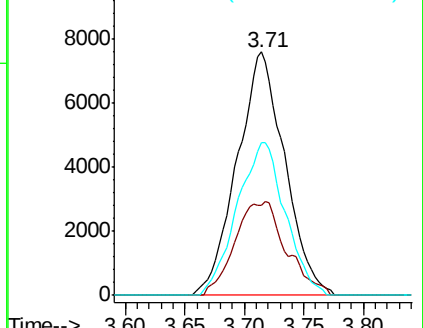
151 63.6 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.024 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

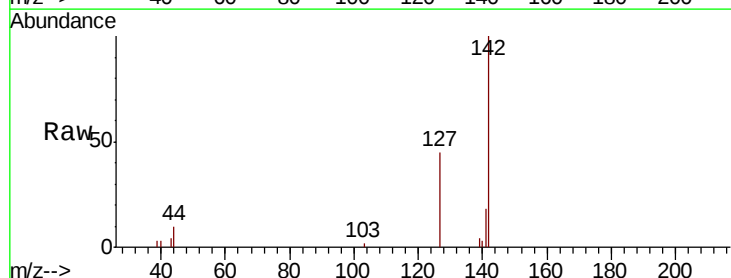
Tgt Ion:142 Resp: 19024

Ion Ratio Lower Upper

142 100

127 52.2 41.8 62.8

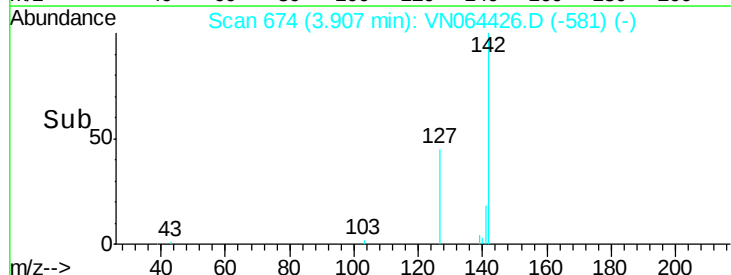
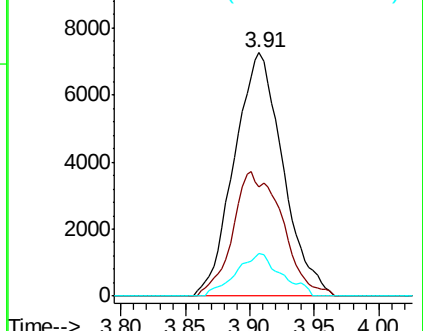
141 16.3 11.4 17.2

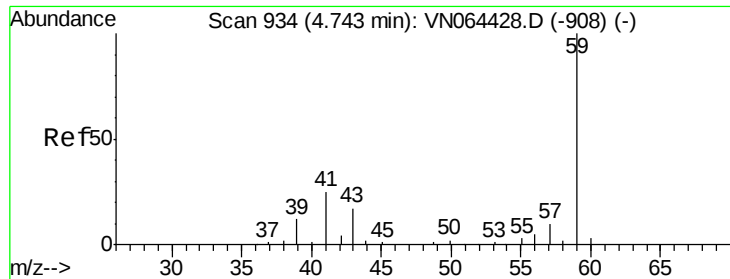


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

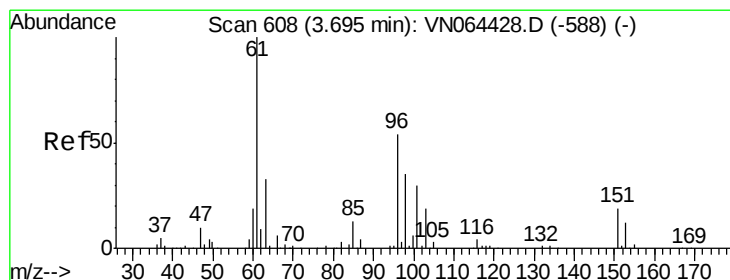
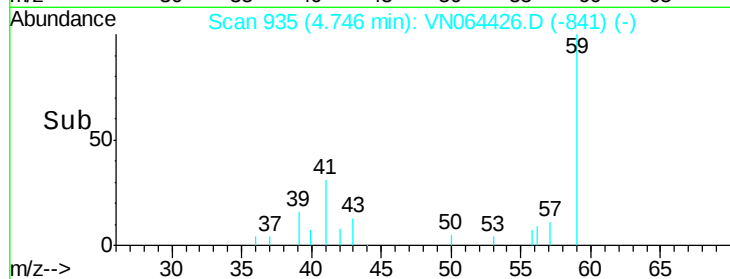
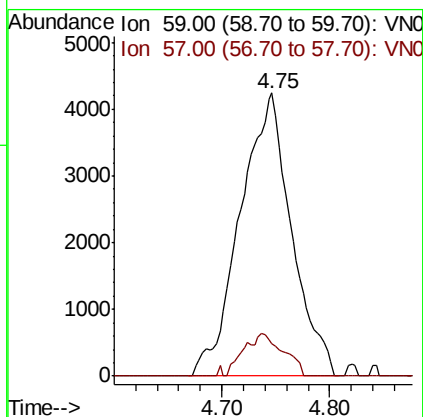
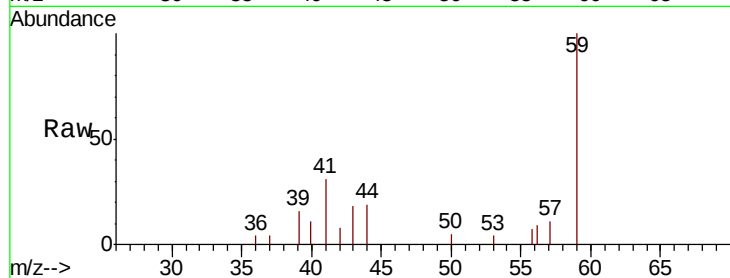




#11
Tert butyl alcohol
Concen: 17.706 ug/l
RT: 4.75 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

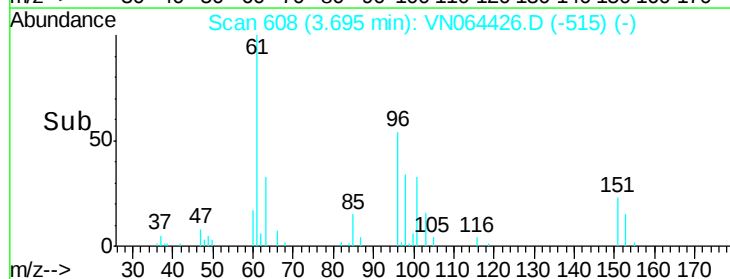
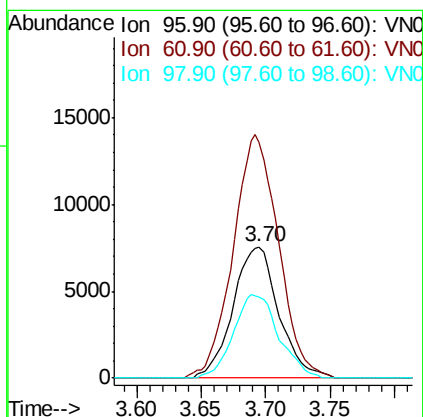
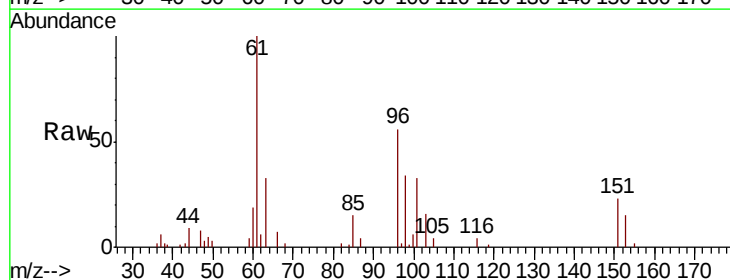
Instrument :
MSVOA_N
ClientSampled :

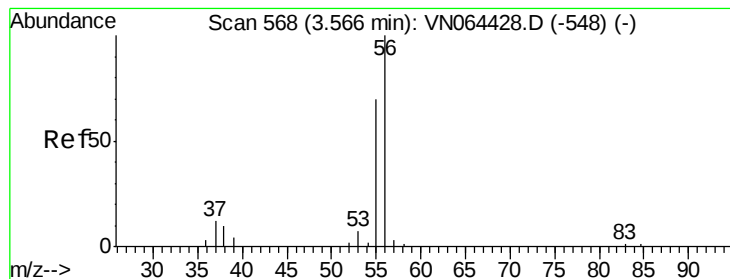
Tot Ion: 59 Resp: 14043
Ion Ratio Lower Upper
59 100
57 11.6 9.0 13.4



#12
1,1-Dichloroethene
Concen: 5.454 ug/l
RT: 3.70 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 96 Resp: 18663
Ion Ratio Lower Upper
96 100
61 179.9 149.5 224.3
98 61.5 52.4 78.6





#13

Acrolein

Concen: 37.811 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

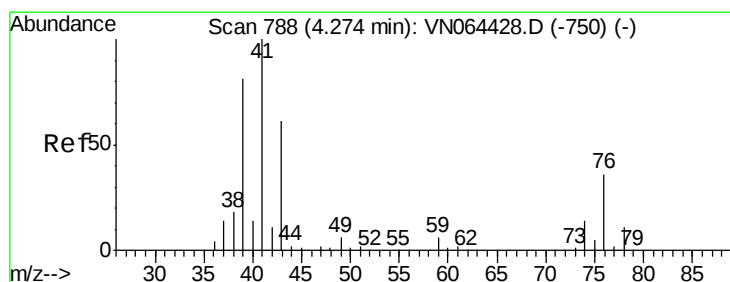
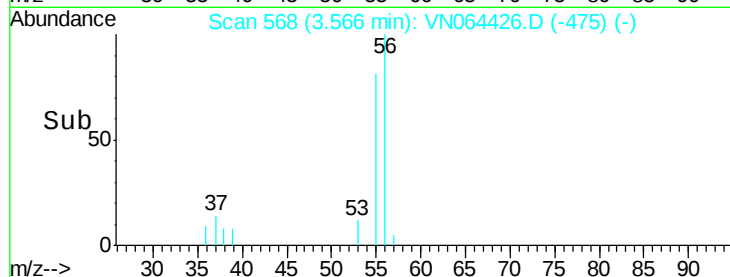
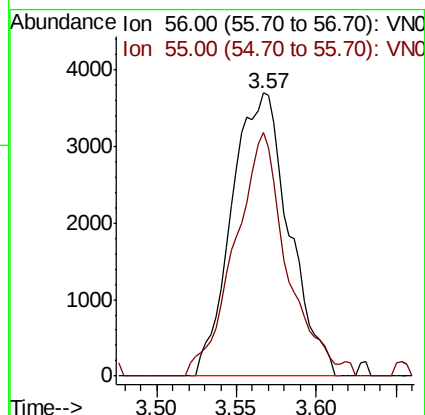
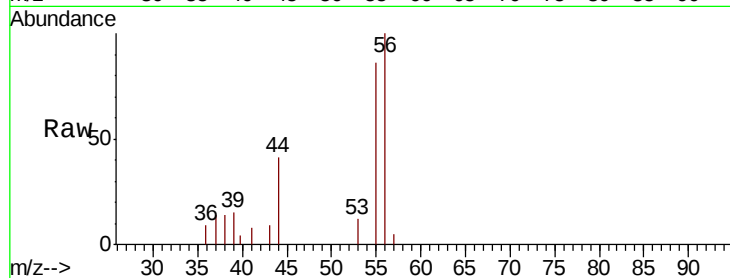
ClientSampleId :

Tot Ion: 56 Resp: 9083

Ion Ratio Lower Upper

56 100

55 78.8 55.9 83.9



#14

Allyl chloride

Concen: 5.036 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

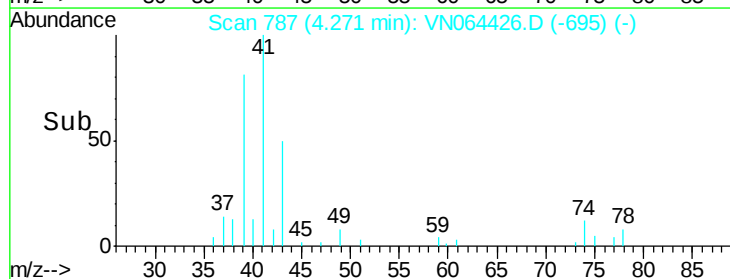
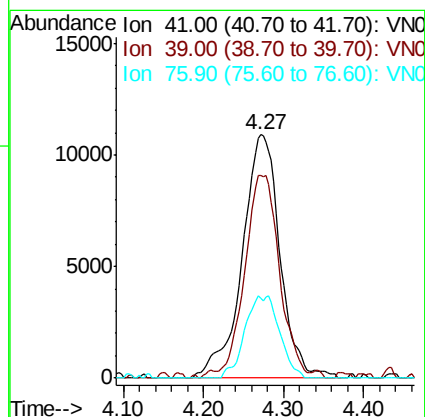
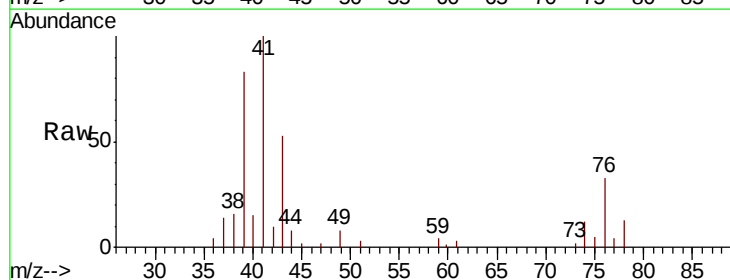
Tgt Ion: 41 Resp: 35104

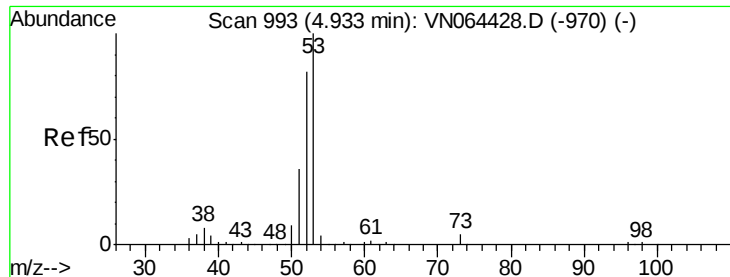
Ion Ratio Lower Upper

41 100

39 76.1 61.8 92.8

76 16.6 25.4 38.0#





#15

Acrylonitrile

Concen: 23.740 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampled :

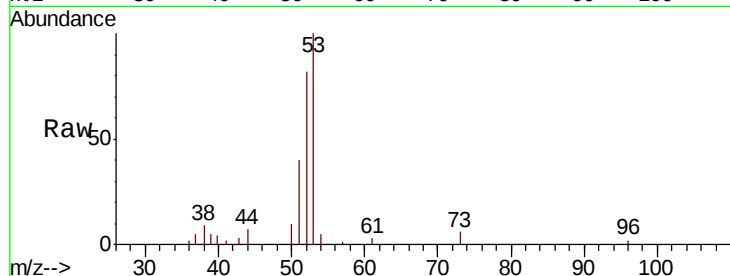
Tot Ion: 53 Resp: 42507

Ion Ratio Lower Upper

53 100

52 84.8 65.6 98.4

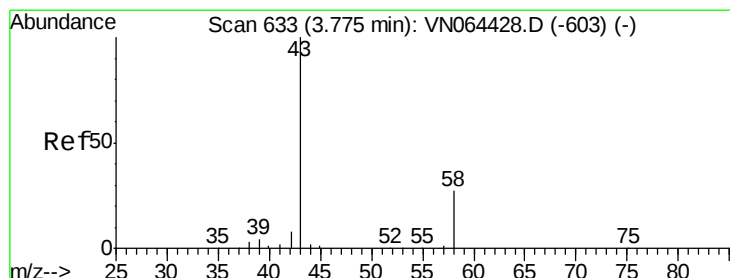
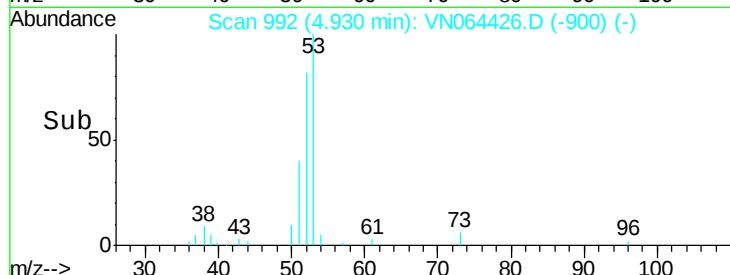
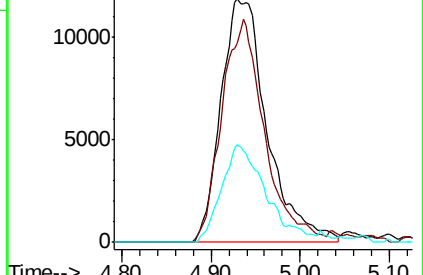
51 35.8 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064426.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN064426.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN064426.D (-900) (-)



#16

Acetone

Concen: 23.839 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064426.D

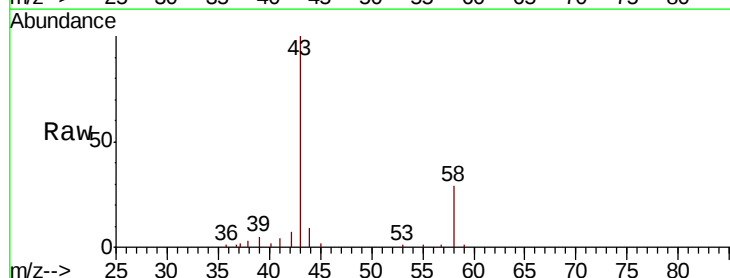
Acq: 4 Nov 2020 10:12

Tgt Ion: 43 Resp: 50648

Ion Ratio Lower Upper

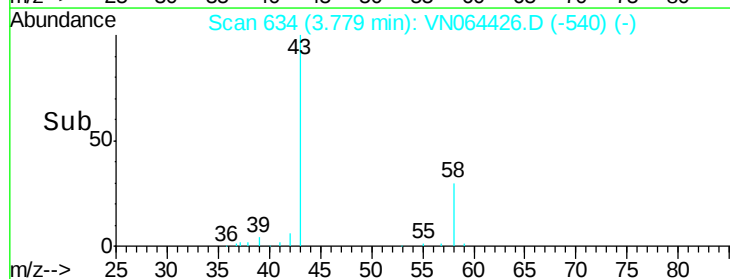
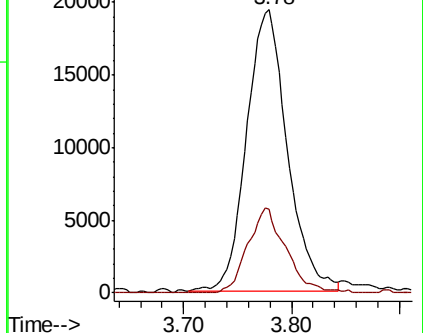
43 100

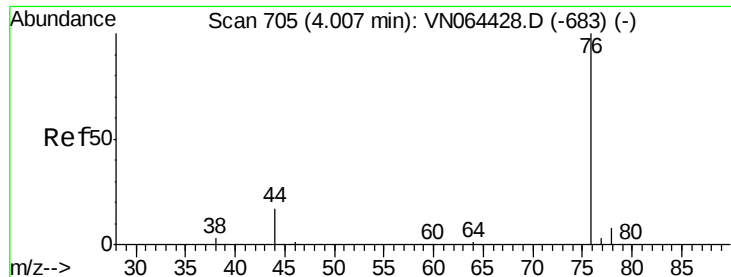
58 29.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064426.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064426.D (-540) (-)





#17

Carbon Disulfide

Concen: 5.073 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

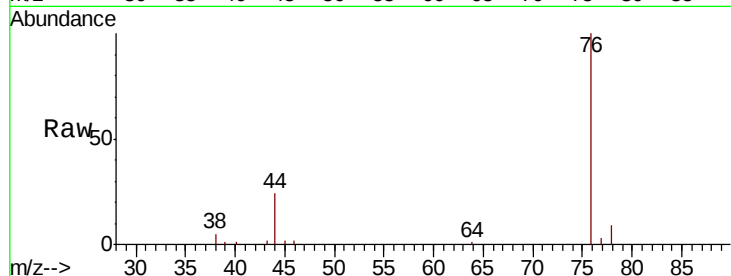
ClientSampleId :

Tot Ion: 76 Resp: 51778

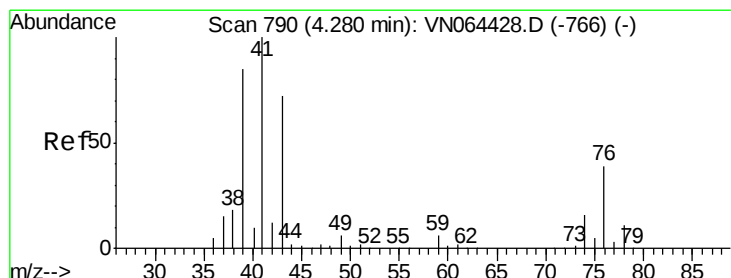
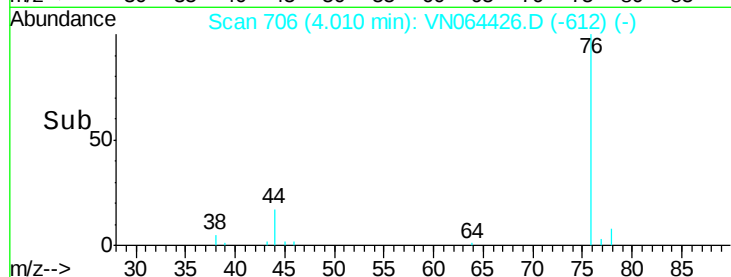
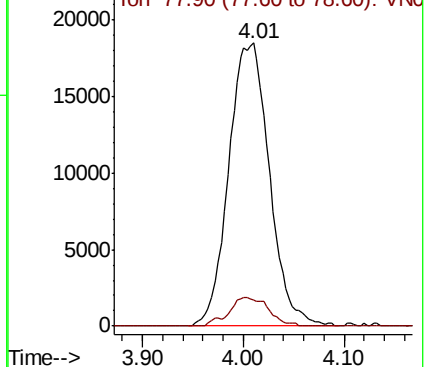
Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 5.028 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN064426.D

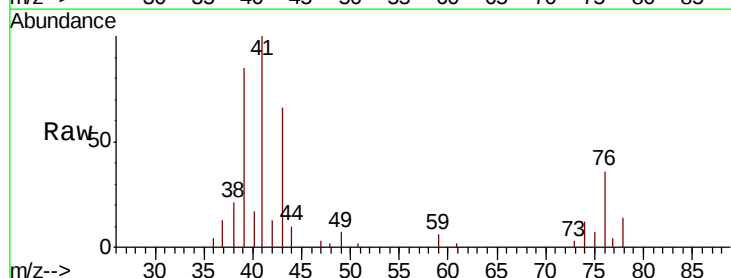
Acq: 4 Nov 2020 10:12

Tgt Ion: 43 Resp: 21468

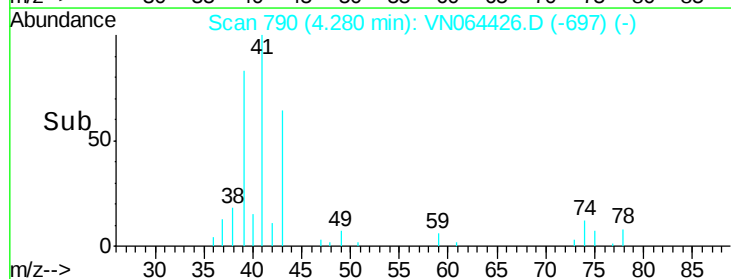
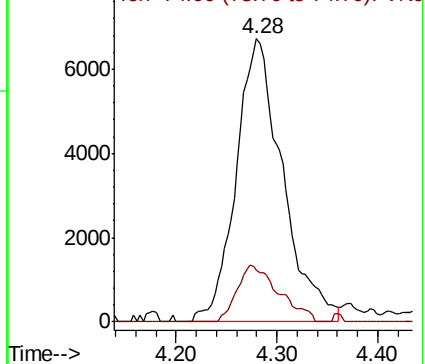
Ion Ratio Lower Upper

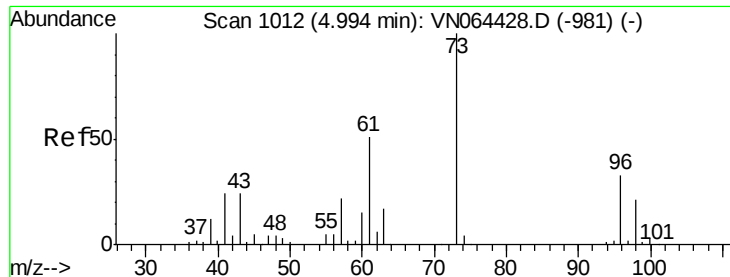
43 100

74 18.0 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

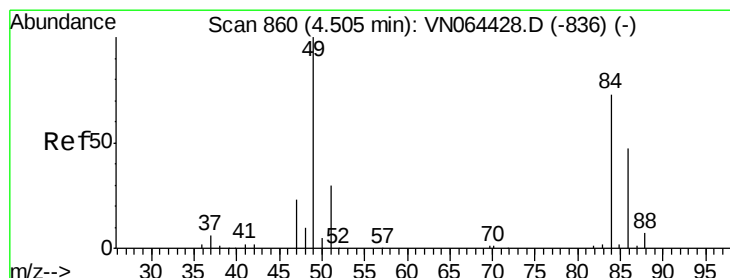
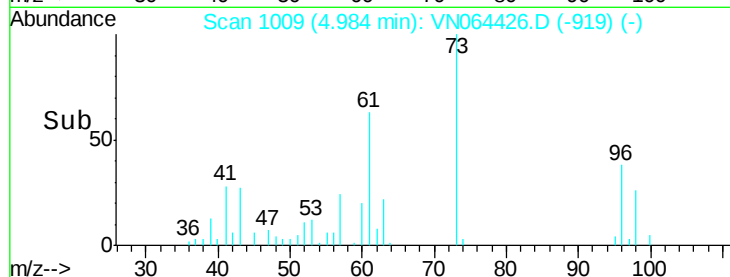
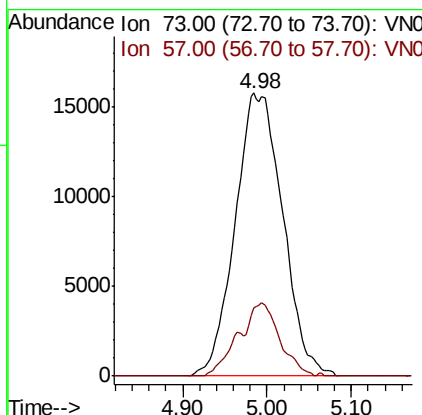
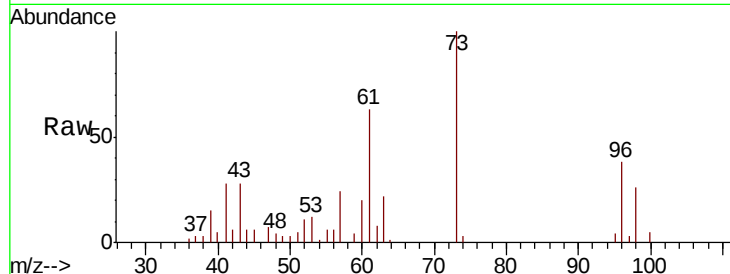




#19
Methvl tert-butvl Ether
Concen: 4.737 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

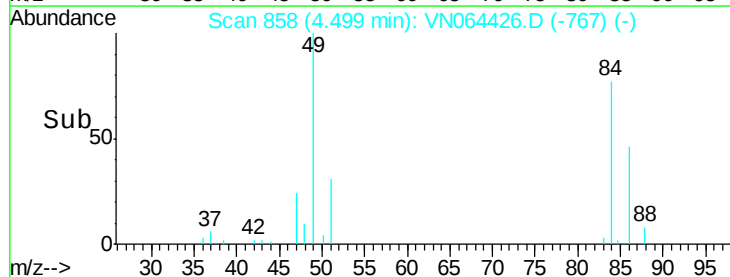
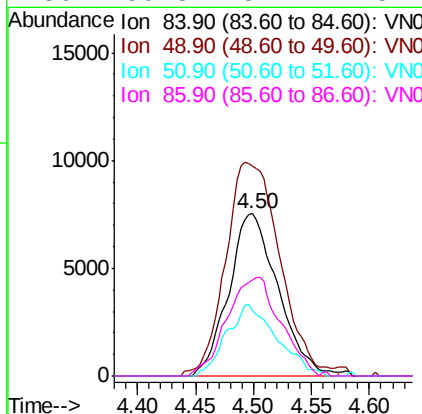
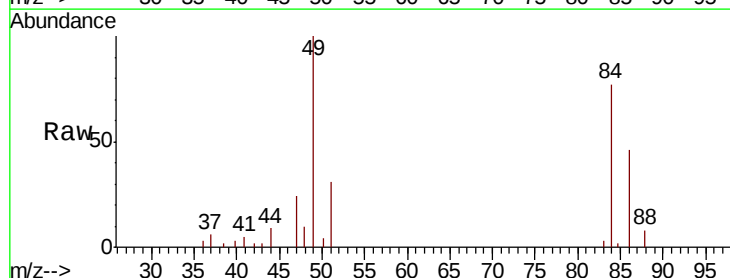
Instrument :
MSVOA_N
ClientSampled :

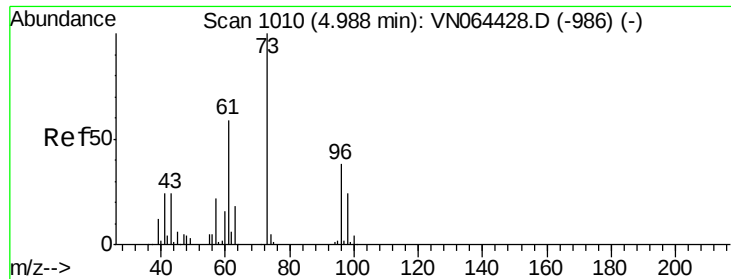
Tot Ion: 73 Resp: 61743
Ion Ratio Lower Upper
73 100
57 24.0 17.7 26.5



#20
Methylene Chloride
Concen: 5.461 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 84 Resp: 22310
Ion Ratio Lower Upper
84 100
49 126.5 110.1 165.1
51 40.5 33.6 50.4
86 59.3 52.1 78.1



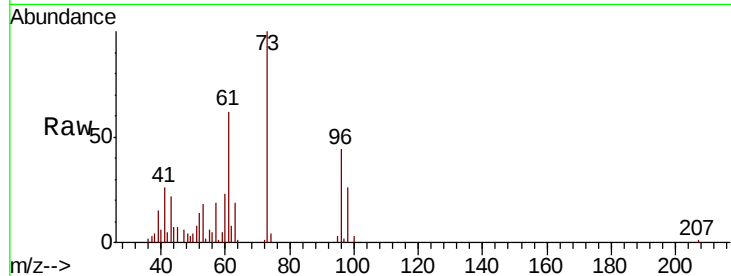


#21

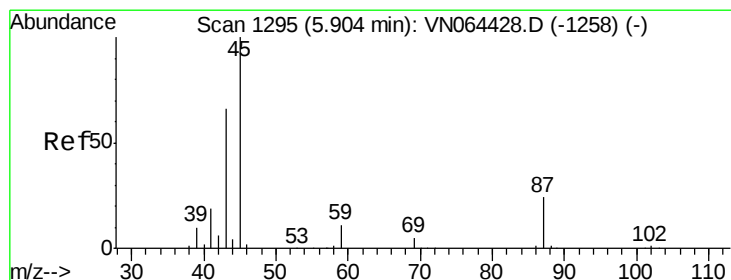
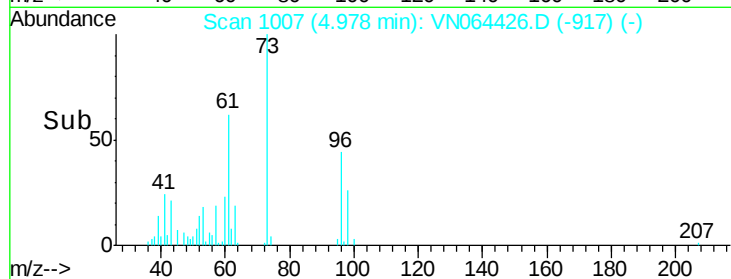
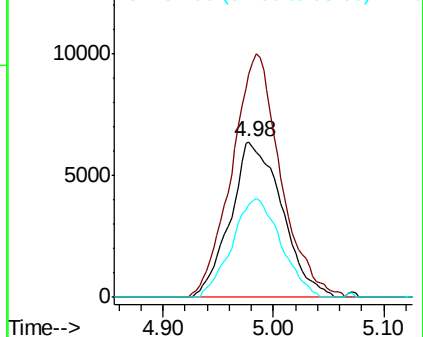
trans-1,2-Dichloroethene
Concen: 5.355 ug/l
RT: 4.98 min Scan# 1007
Delta R.T. -0.01 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 20633
Ion Ratio Lower Upper
96 100
61 142.9 122.4 183.6
98 59.2 50.4 75.6



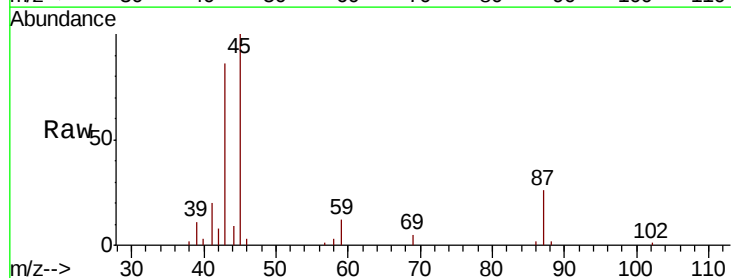
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



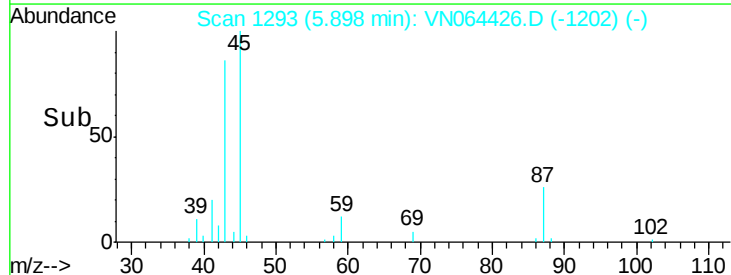
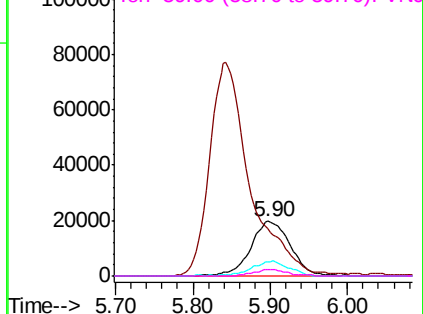
#22

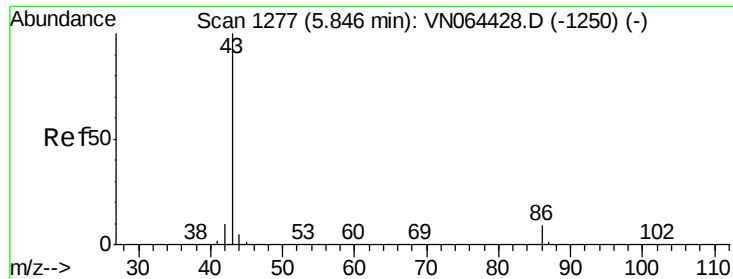
Diisopropyl ether
Concen: 5.091 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 45 Resp: 70679
Ion Ratio Lower Upper
45 100
43 81.2 53.2 79.8#
87 25.9 19.9 29.9
59 11.9 8.6 13.0



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

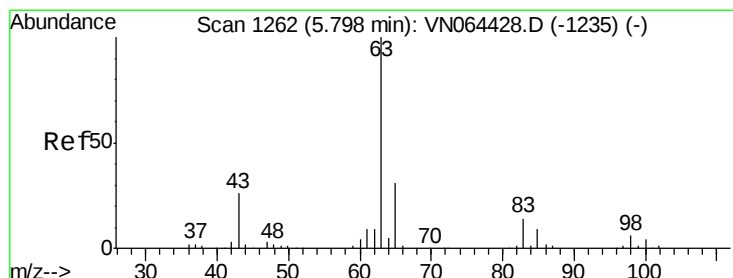
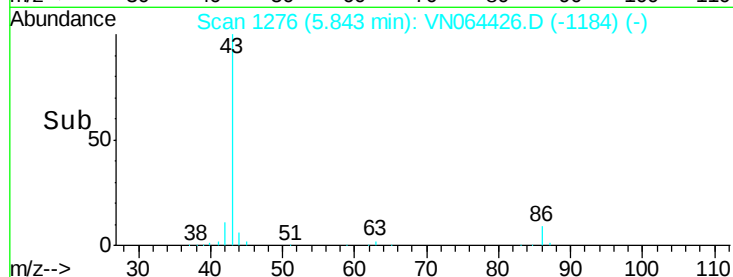
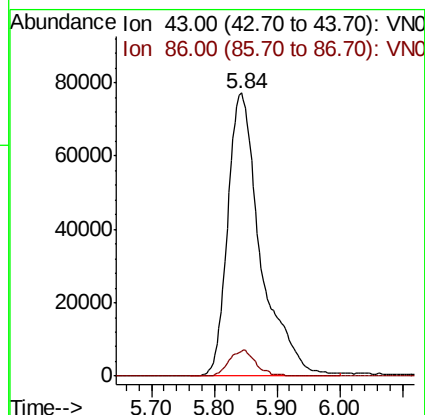
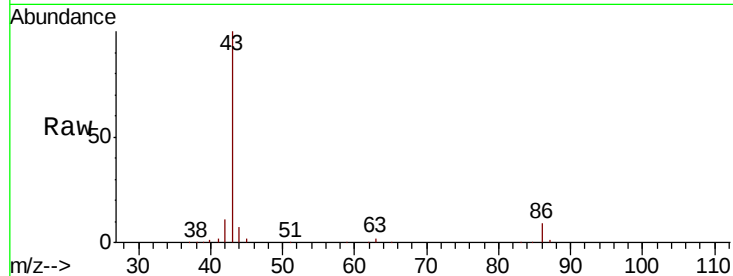




#23
 Vinyl Acetate
 Concen: 24.255 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

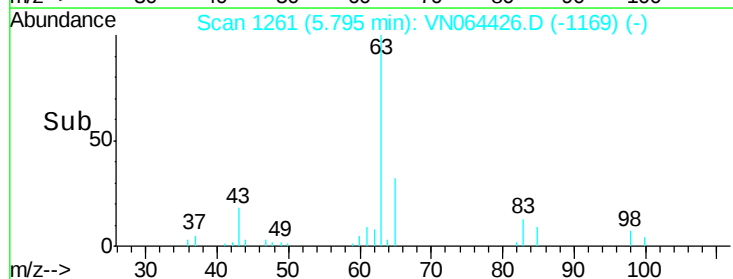
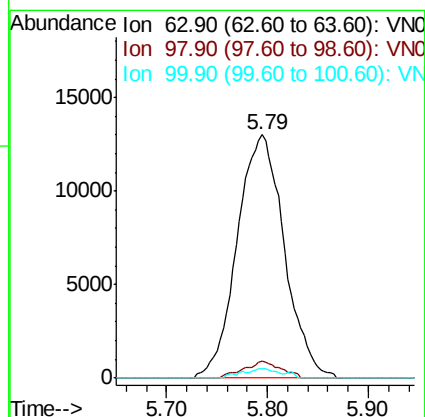
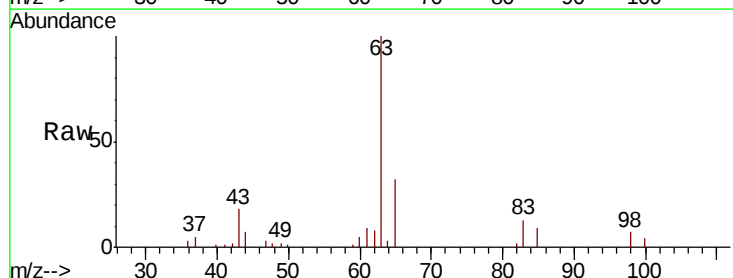
Instrument :
 MSVOA_N
 ClientSampleId :

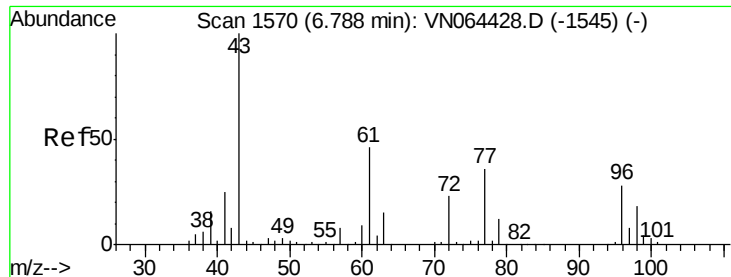
Tot Ion: 43 Resp: 281688
 Ion Ratio Lower Upper
 43 100
 86 8.7 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 5.482 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion: 63 Resp: 42211
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.0 9.2
 100 4.0 1.8 5.3





#25

2-Butanone

Concen: 21.947 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

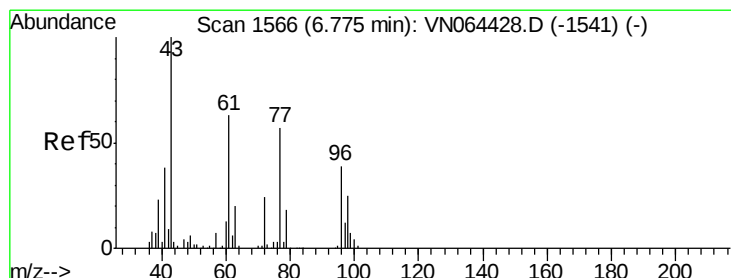
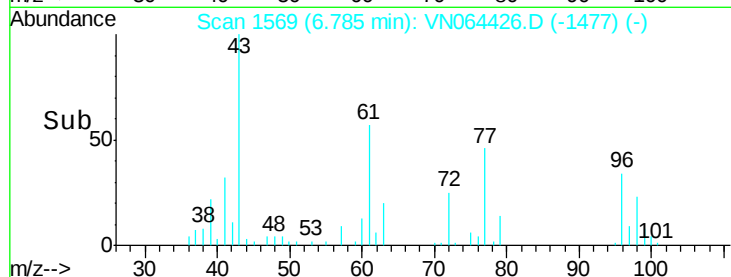
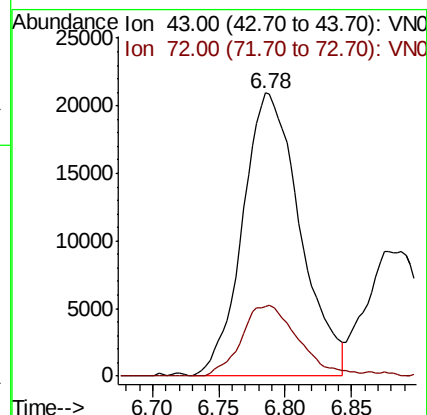
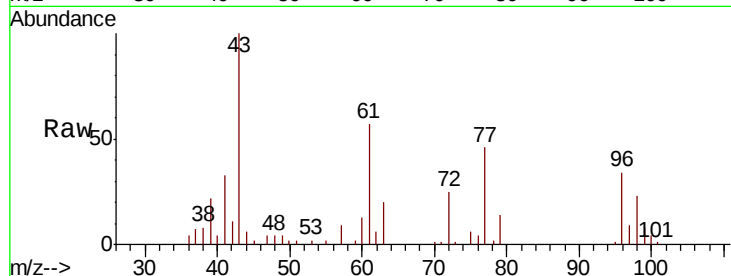
ClientSampled :

Tot Ion: 43 Resp: 63238

Ion Ratio Lower Upper

43 100

72 24.6 18.5 27.7



#26

2,2-Dichloropropane

Concen: 4.804 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064426.D

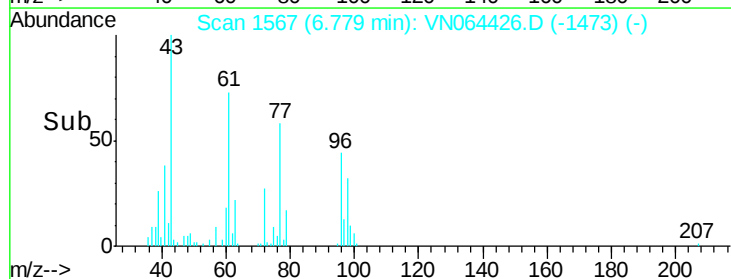
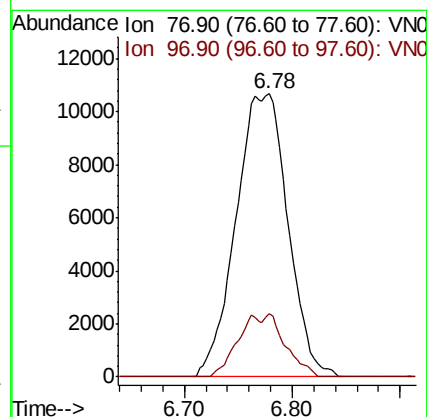
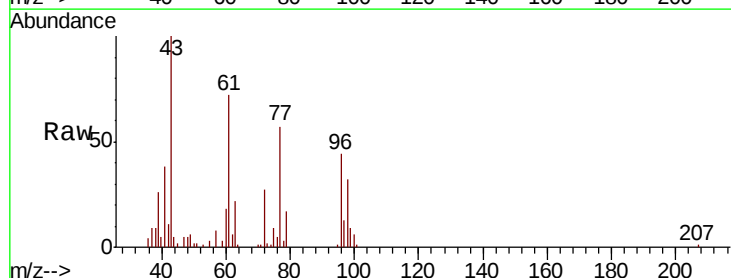
Acq: 4 Nov 2020 10:12

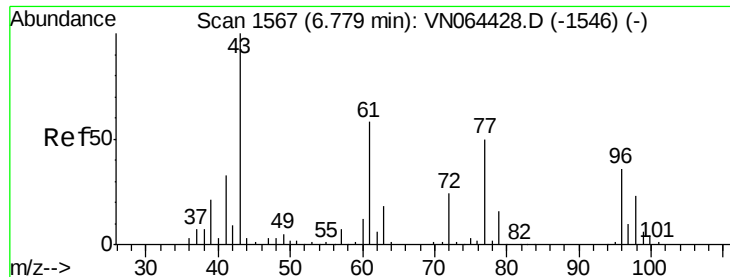
Tgt Ion: 77 Resp: 35679

Ion Ratio Lower Upper

77 100

97 10.7 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 5.231 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampled :

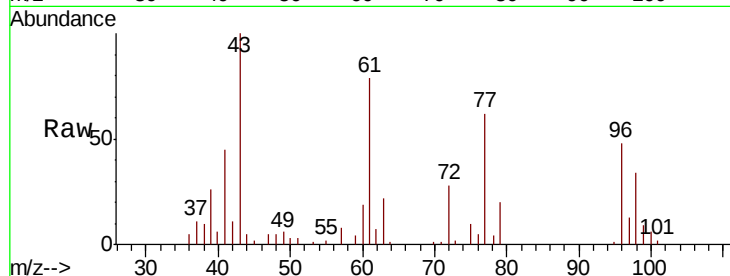
Tot Ion: 96 Resp: 23015

Ion Ratio Lower Upper

96 100

61 168.5 0.0 329.6

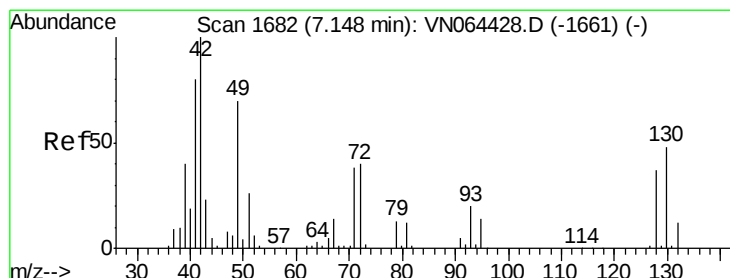
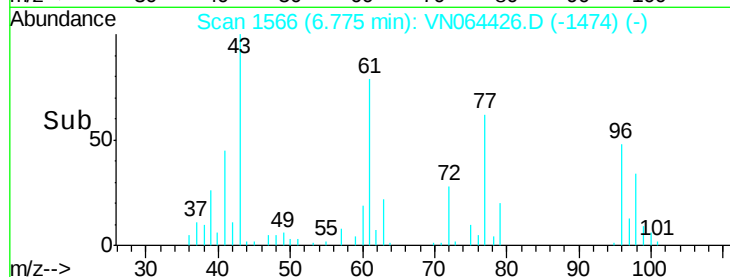
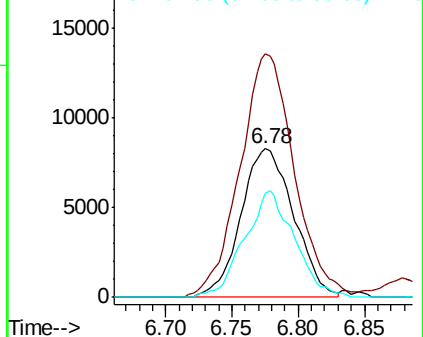
98 67.7 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 5.779 ug/l

RT: 7.14 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

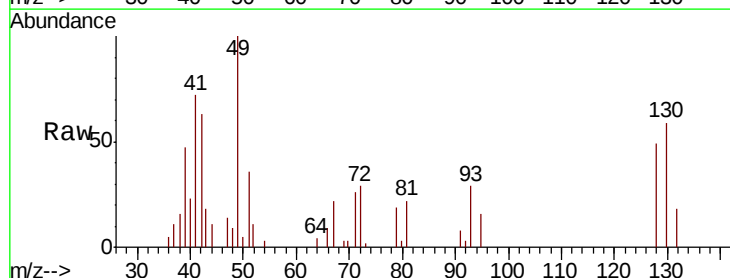
Tgt Ion: 49 Resp: 20677

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

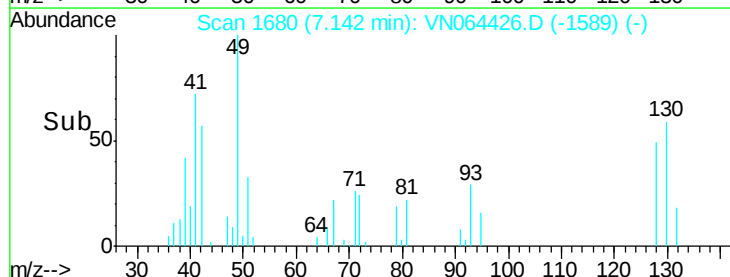
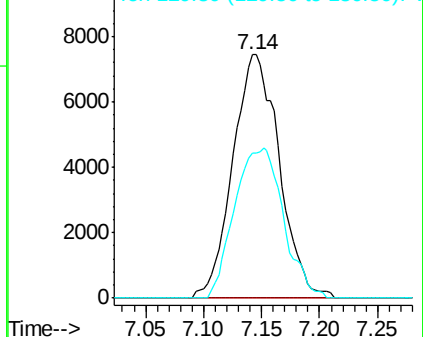
130 64.7 54.2 81.4

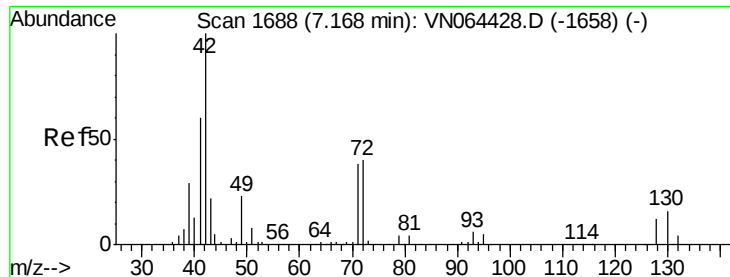


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

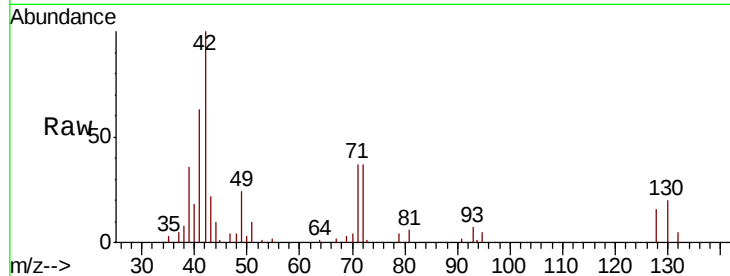




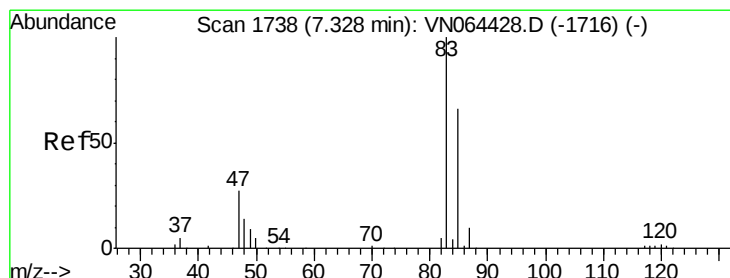
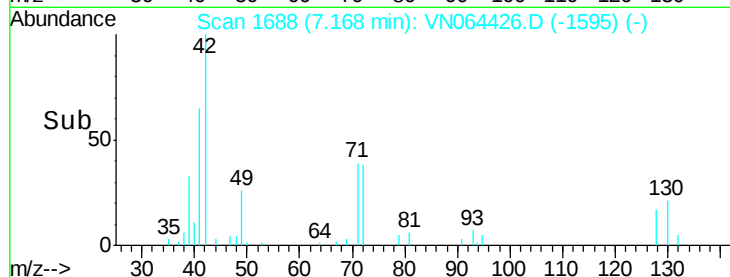
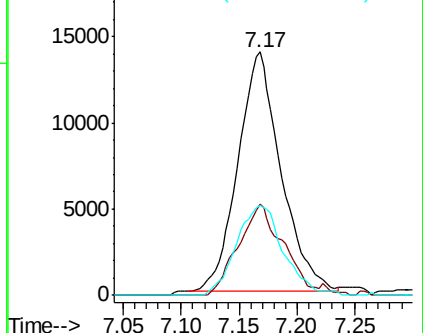
#29
Tetrahydrofuran
Concen: 19.364 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 35705
Ion Ratio Lower Upper
42 100
72 39.5 31.7 47.5
71 40.7 29.8 44.6

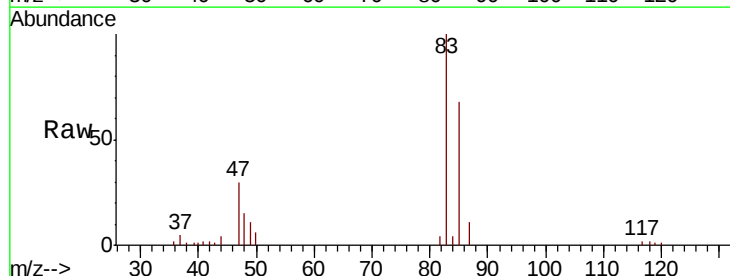


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

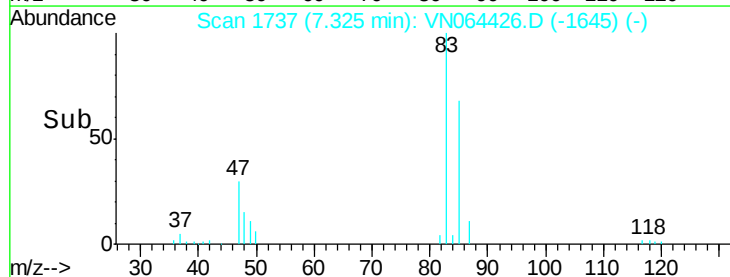
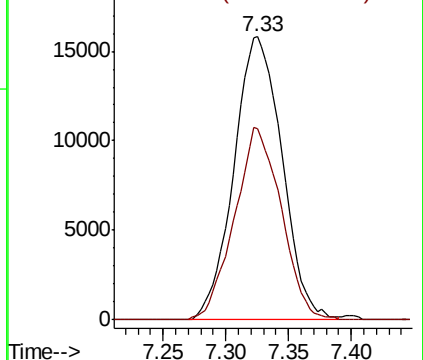


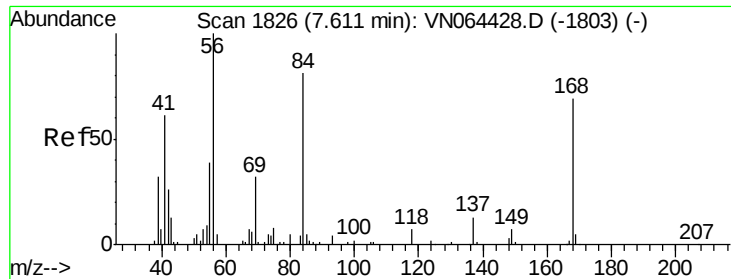
#30
Chloroform
Concen: 5.141 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 83 Resp: 42253
Ion Ratio Lower Upper
83 100
85 67.8 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

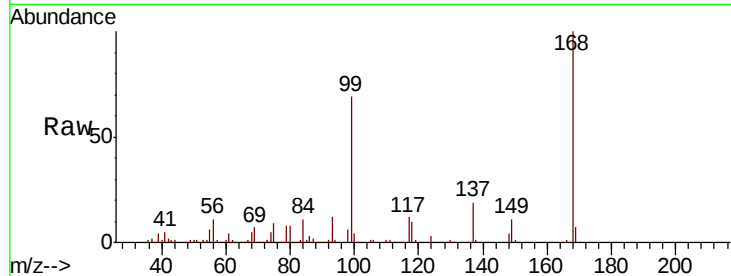




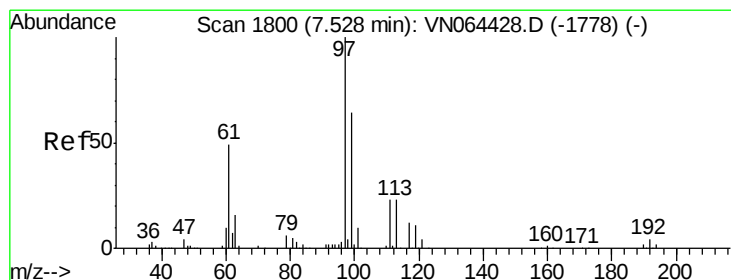
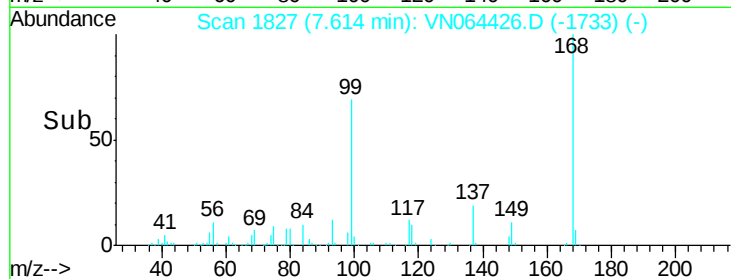
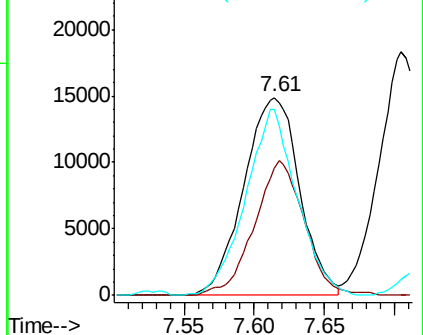
#31
Cyclohexane
Concen: 6.060 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 40966
Ion Ratio Lower Upper
56 100
69 64.4 25.6 38.4#
84 93.0 63.0 94.6

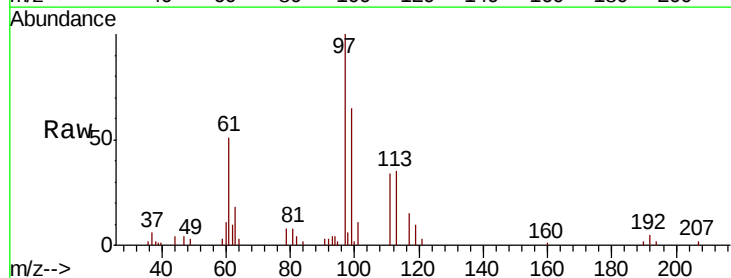


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

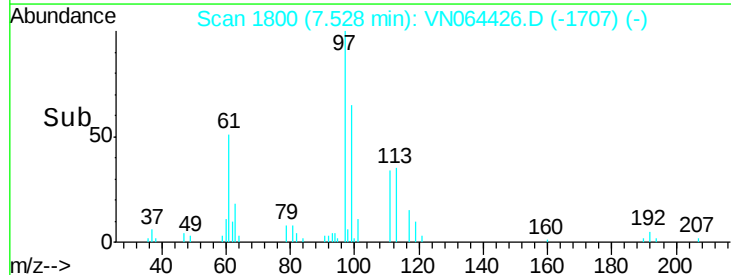
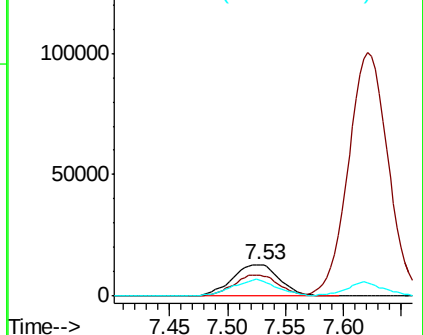


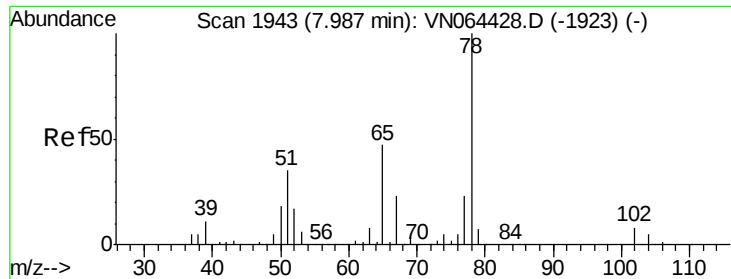
#32
1,1,1-Trichloroethane
Concen: 4.731 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 97 Resp: 36716
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 50.1 39.1 58.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 5.514 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

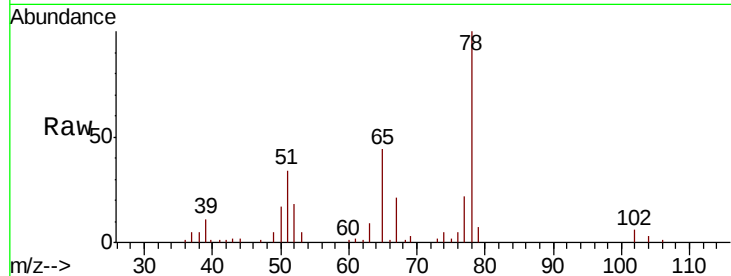
ClientSampled :

Tot Ion: 65 Resp: 31473

Ion Ratio Lower Upper

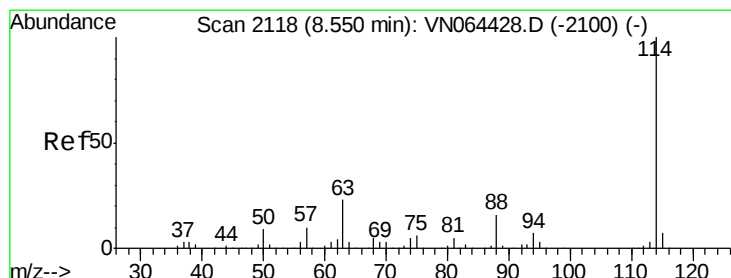
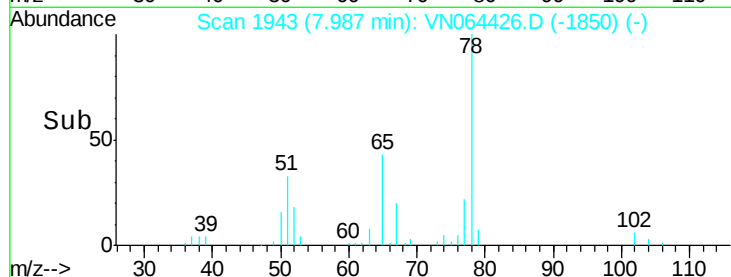
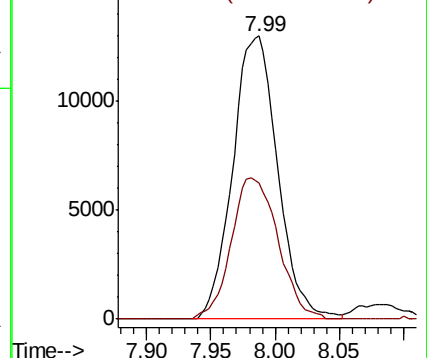
65 100

67 51.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064426.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064426.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

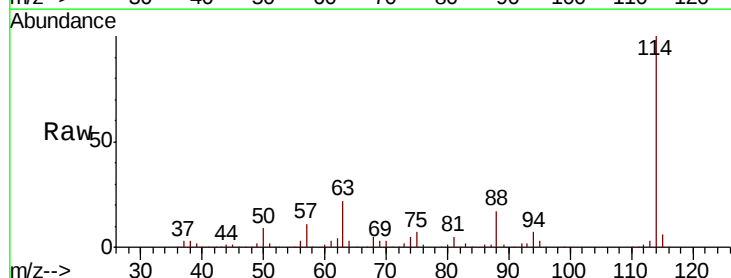
Tgt Ion: 114 Resp: 620881

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

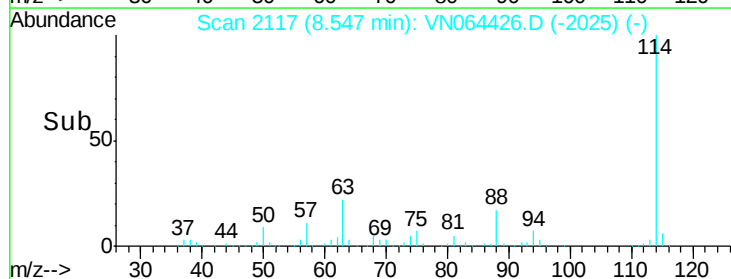
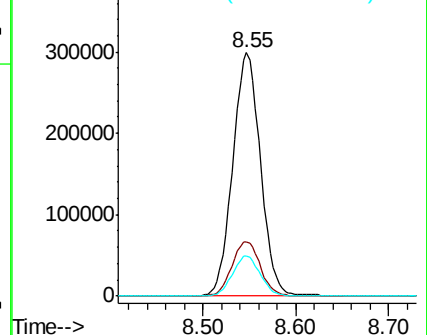
88 16.5 0.0 32.8

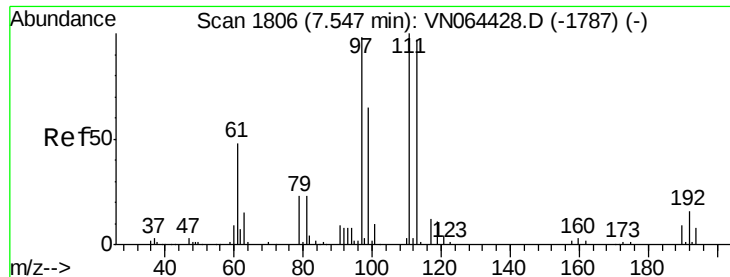


Abundance Ion 113.90 (113.60 to 114.60): VN064426.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064426.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064426.D (-2025) (-)

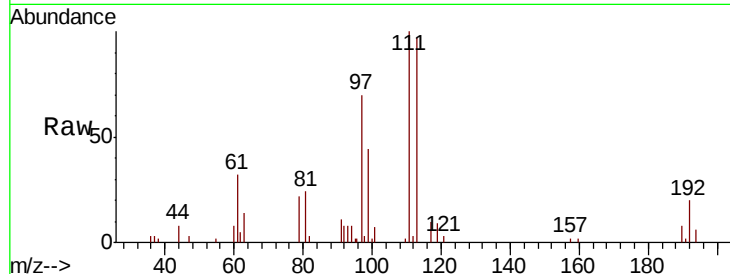




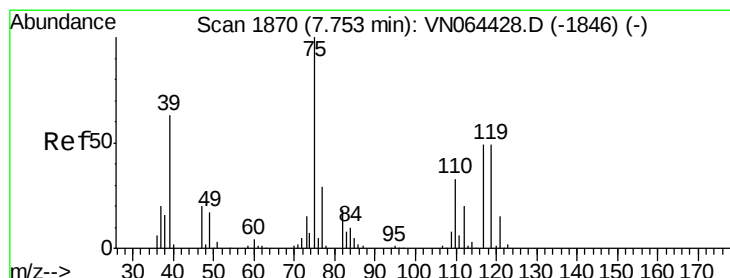
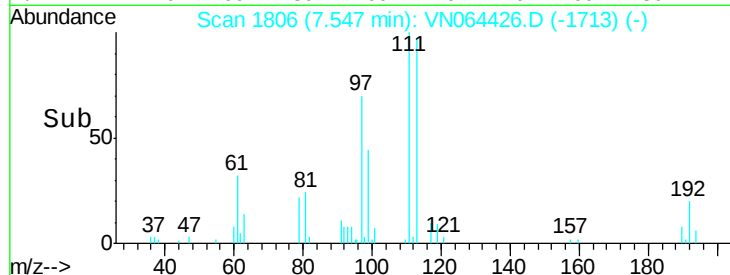
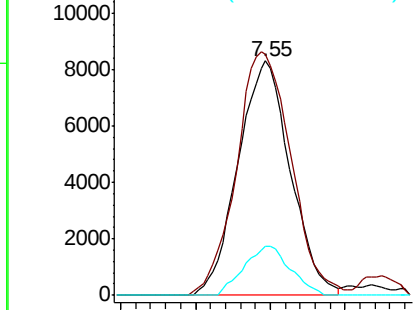
#35
 Dibromofluoromethane
 Concen: 4.880 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 20218
 Ion Ratio Lower Upper
 113 100
 111 108.2 81.1 121.7
 192 18.6 12.8 19.2

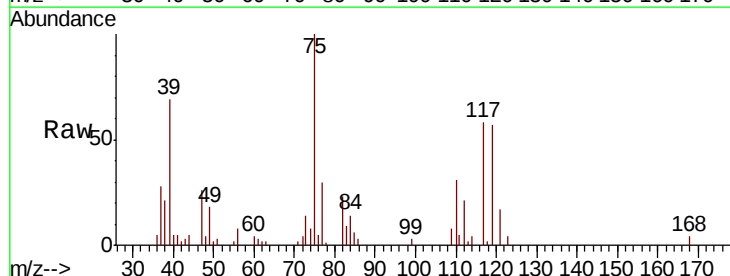


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

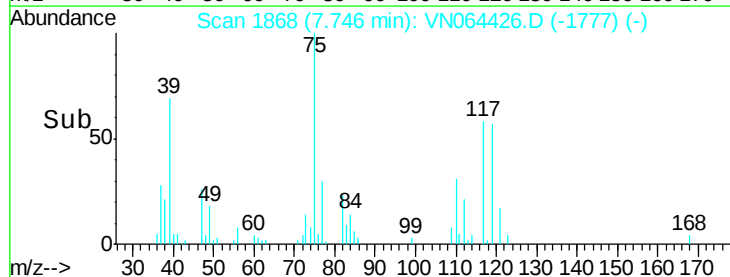
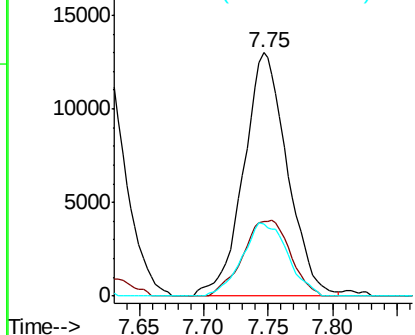


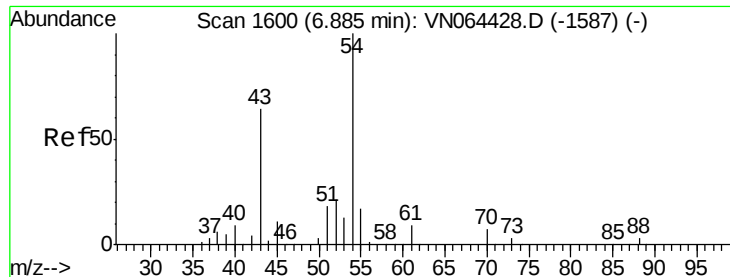
#36
 1,1-Dichloropropene
 Concen: 4.790 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion: 75 Resp: 30668
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.0 48.0
 77 31.4 24.0 36.0



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

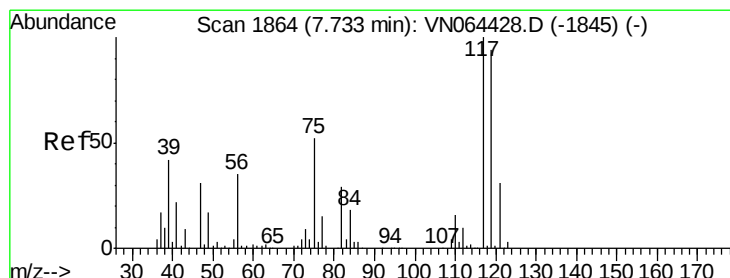
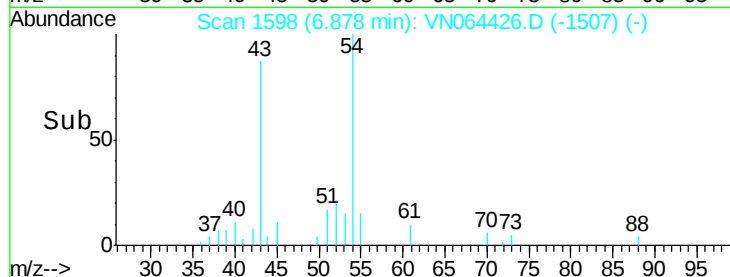
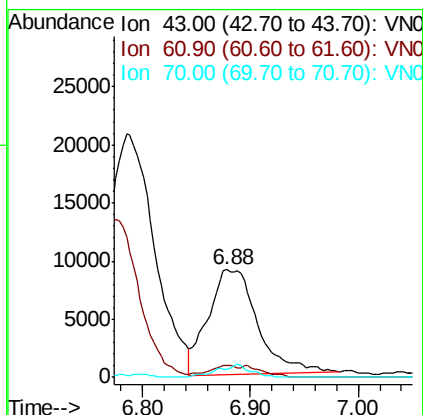
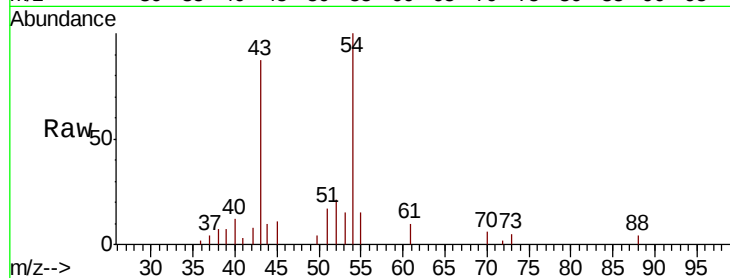




#37
Ethyl Acetate
Concen: 4.513 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

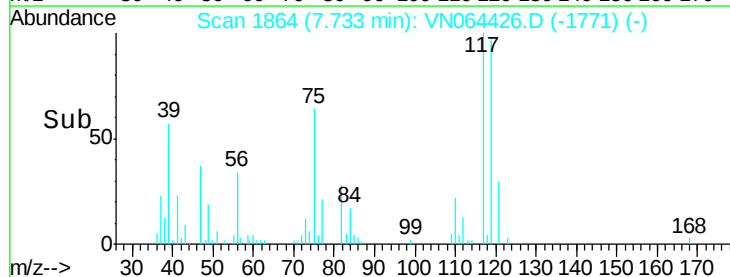
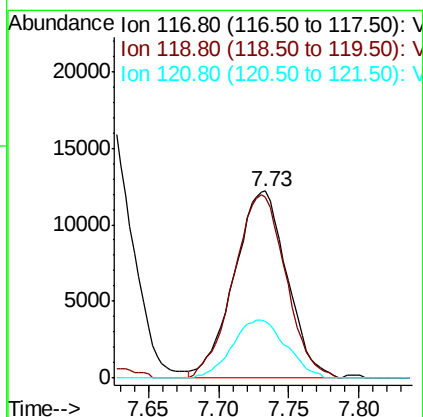
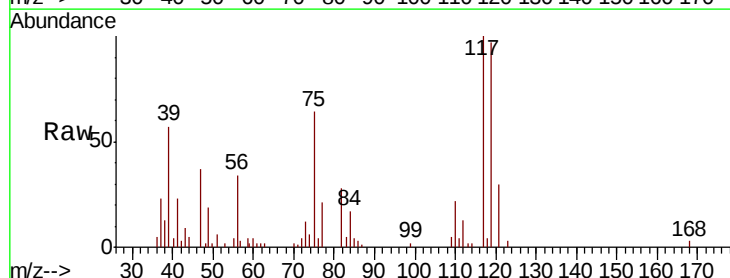
Instrument :
MSVOA_N
ClientSampled :

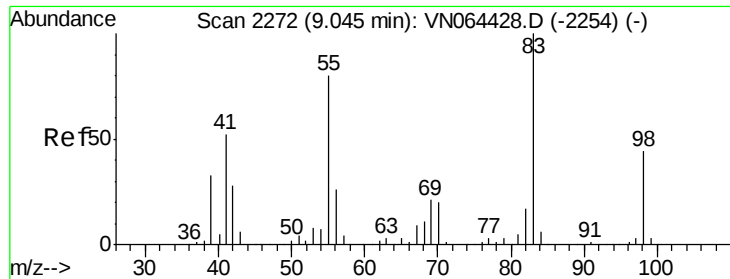
Tot Ion: 43 Resp: 28823
Ion Ratio Lower Upper
43 100
61 0.0 10.0 15.0#
70 3.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 4.387 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 117 Resp: 31849
Ion Ratio Lower Upper
117 100
119 96.9 75.5 113.3
121 30.1 24.4 36.6

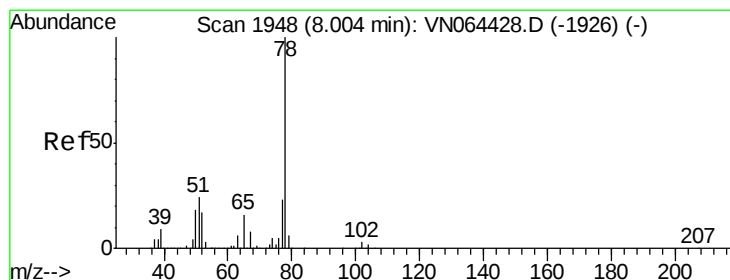
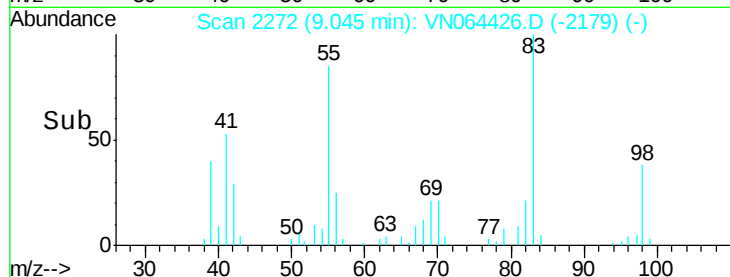
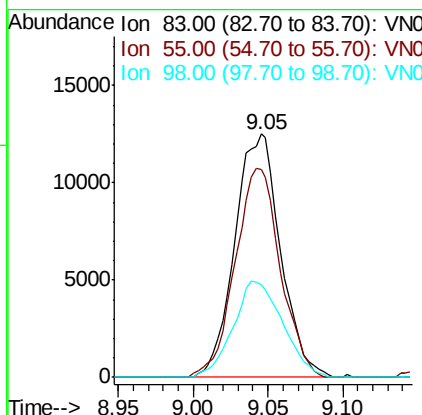
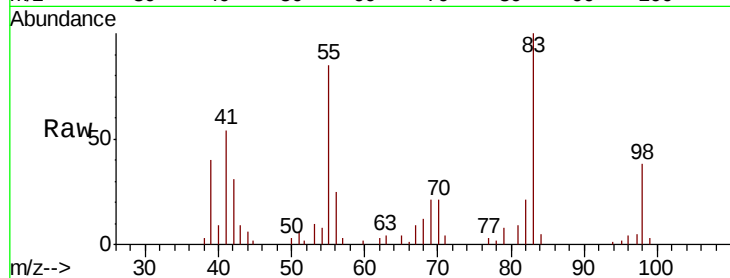




#39
Methvlcvclohexane
Concen: 4.260 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

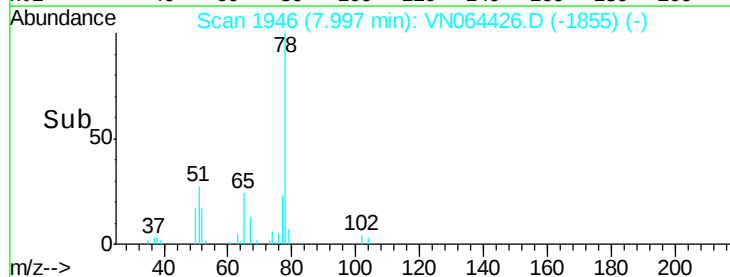
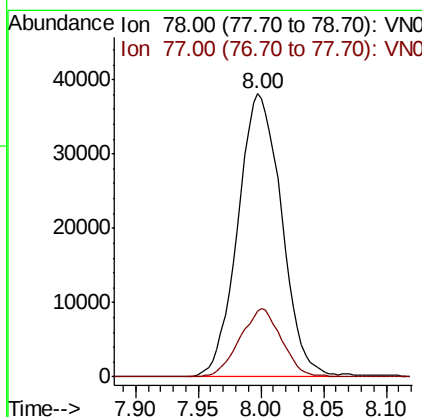
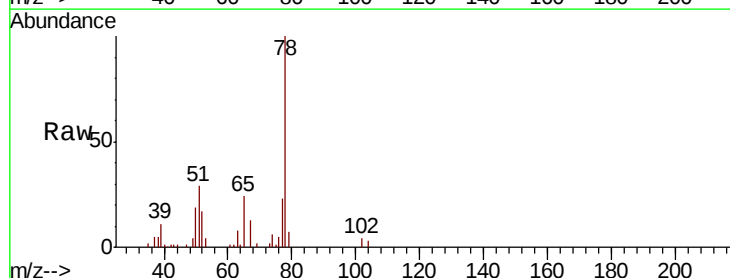
Instrument :
MSVOA_N
ClientSampleId :

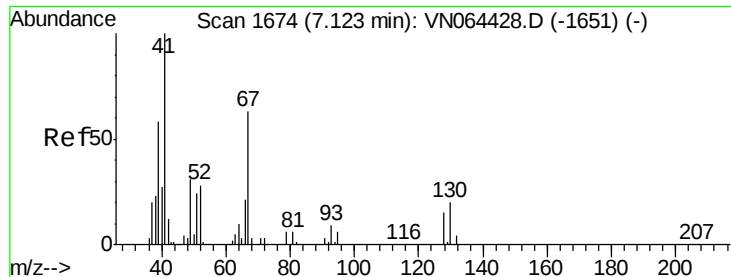
Tot Ion: 83 Resp: 26598
Ion Ratio Lower Upper
83 100
55 85.5 63.8 95.6
98 37.9 35.4 53.2



#40
Benzene
Concen: 5.145 ug/l
RT: 8.00 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 78 Resp: 92261
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1

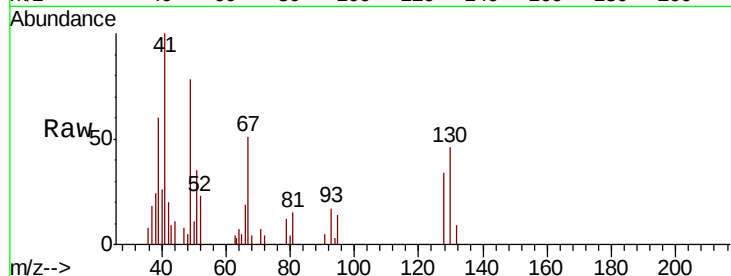




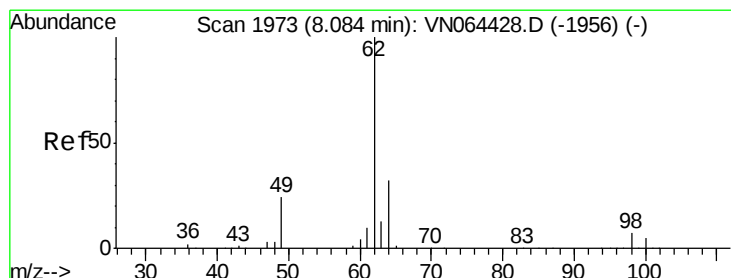
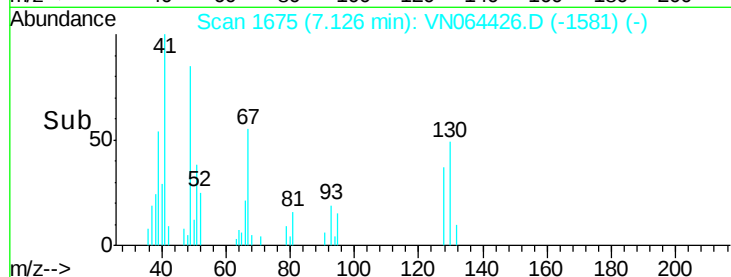
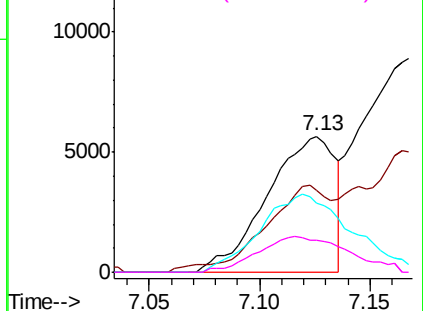
#41
Methacrylonitrile
Concen: 3.887 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	12091
Ion	Ratio	Lower	Upper
41	100		
39	59.6	50.0	75.0
67	77.2	68.3	102.5
52	35.0	32.7	49.1

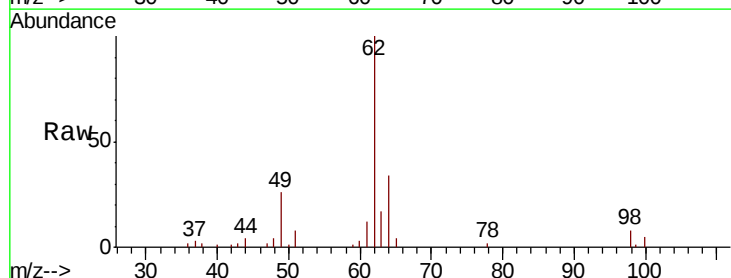


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

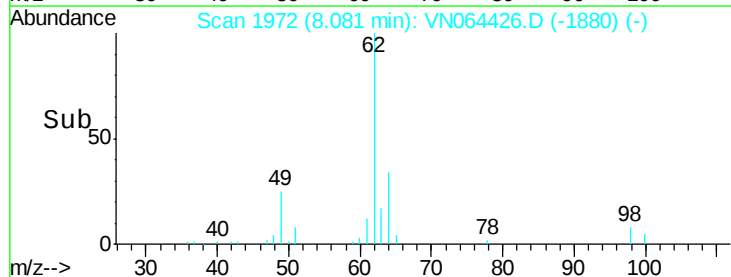
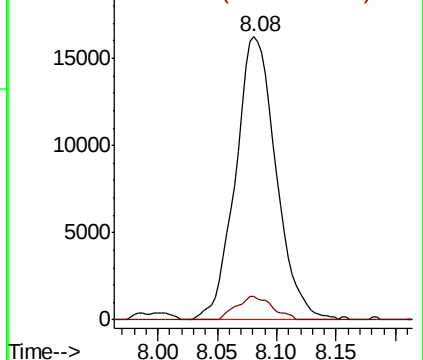


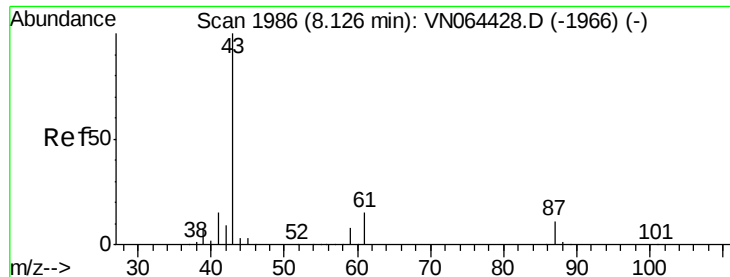
#42
1,2-Dichloroethane
Concen: 5.023 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion:	62	Resp:	38358
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	14.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 4.330 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampled :

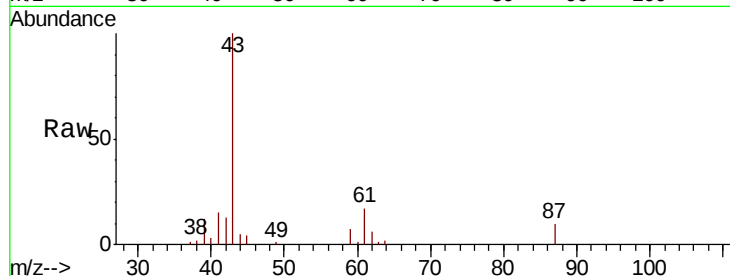
Tot Ion: 43 Resp: 47180

Ion Ratio Lower Upper

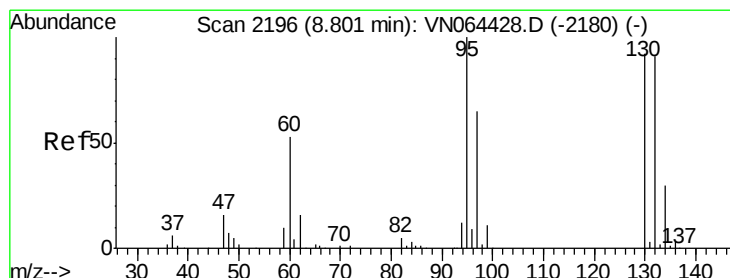
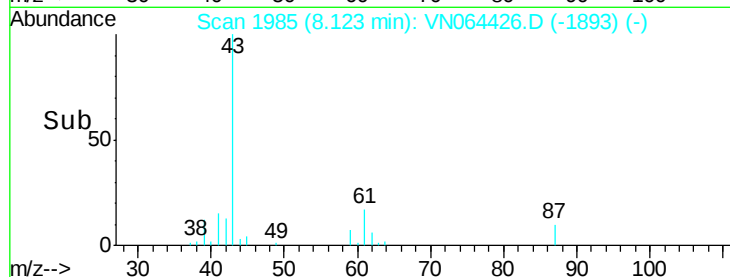
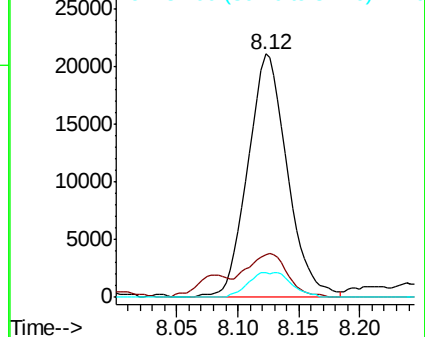
43 100

61 18.6 14.0 21.0

87 5.7 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 4.926 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064426.D

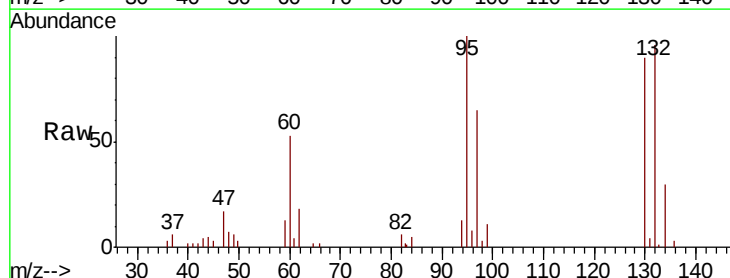
Acq: 4 Nov 2020 10:12

Tgt Ion:130 Resp: 22804

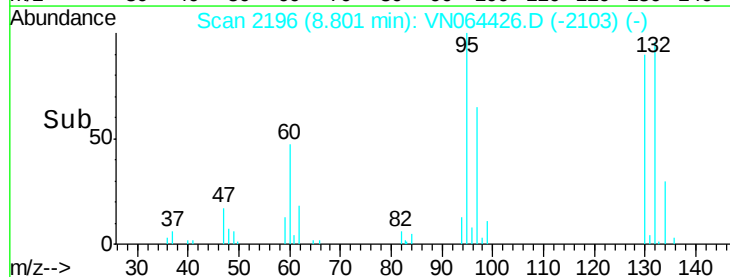
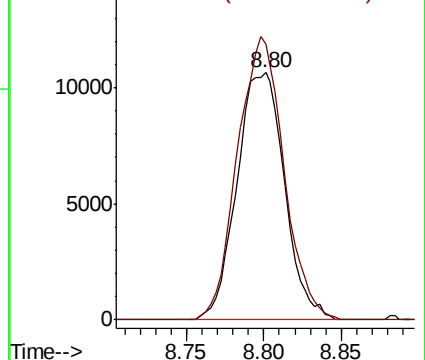
Ion Ratio Lower Upper

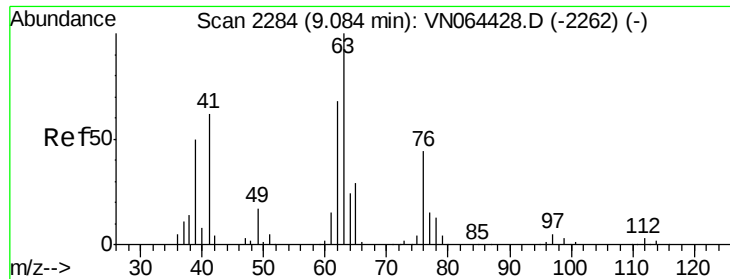
130 100

95 111.4 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

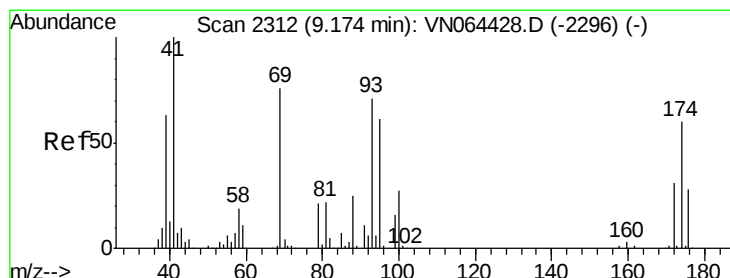
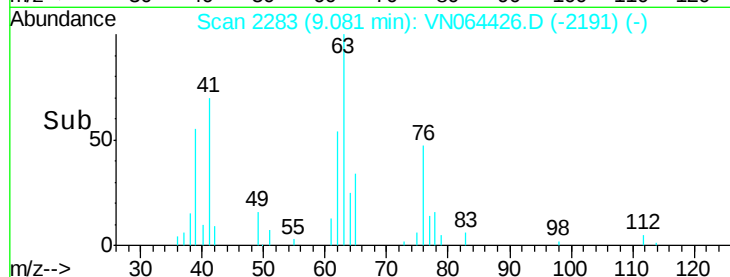
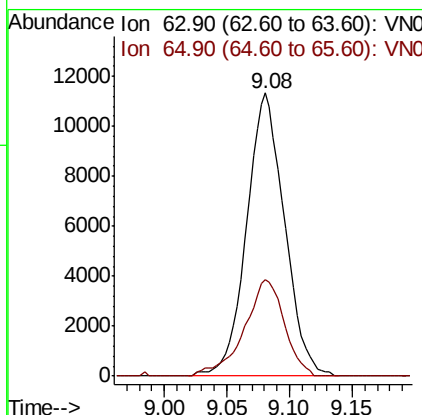
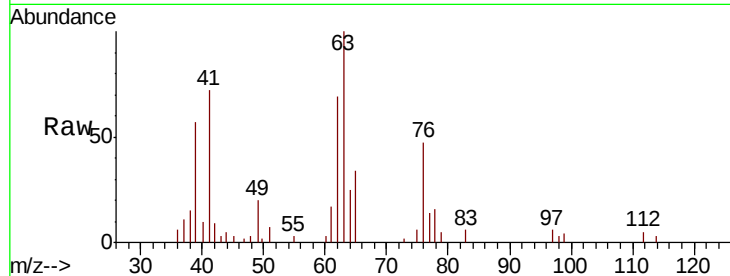




#45
 1,2-Dichloropropane
 Concen: 4.961 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

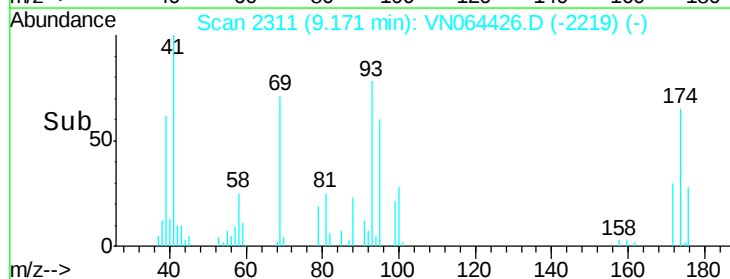
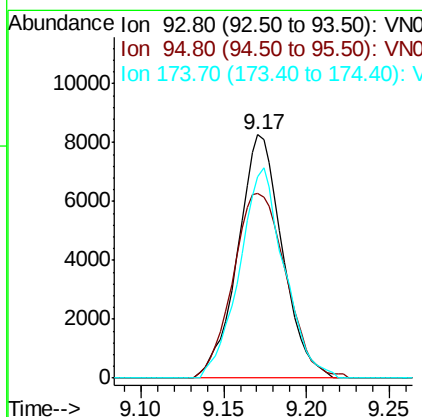
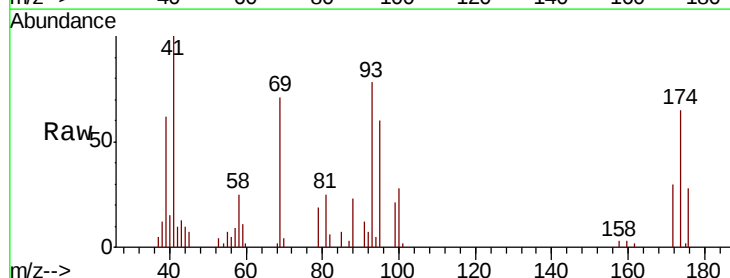
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 23864
 Ion Ratio Lower Upper
 63 100
 65 34.2 23.6 35.4



#46
 Dibromomethane
 Concen: 4.673 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion: 93 Resp: 15429
 Ion Ratio Lower Upper
 93 100
 95 90.4 66.4 99.6
 174 87.1 67.2 100.8





#47

Bromodichloromethane

Concen: 4.665 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

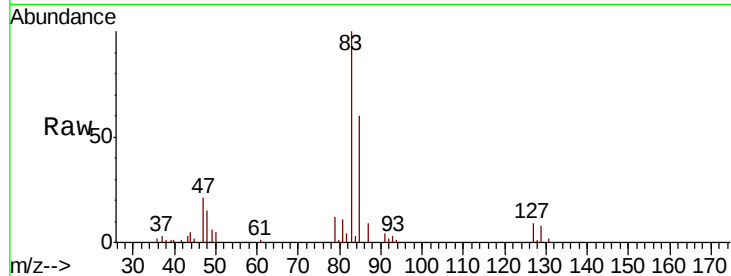
Tot Ion: 83 Resp: 34206

Ion Ratio Lower Upper

83 100

85 59.9 51.2 76.8

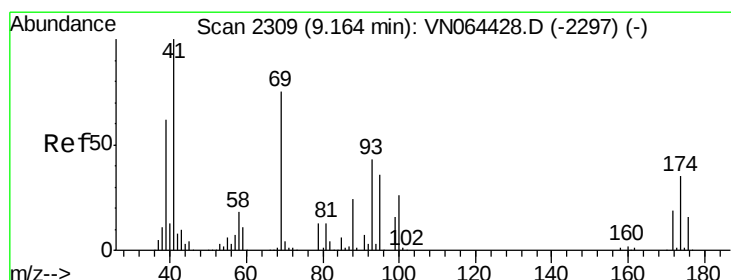
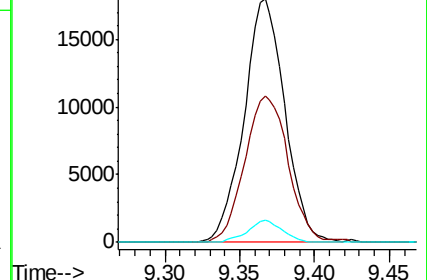
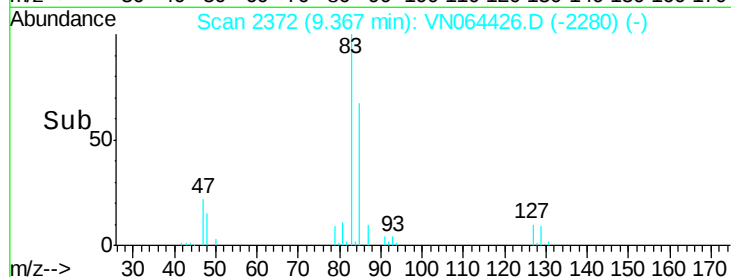
127 9.1 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064426.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064426.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064426.D (-2356) (-)



#48

Methyl methacrylate

Concen: 4.101 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

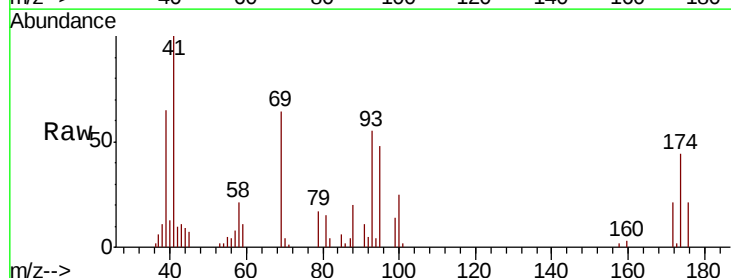
Tgt Ion: 41 Resp: 23085

Ion Ratio Lower Upper

41 100

69 71.1 60.4 90.6

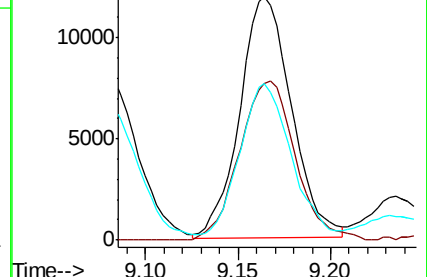
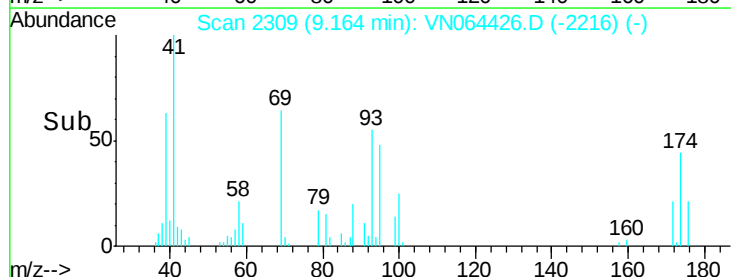
39 65.7 51.2 76.8

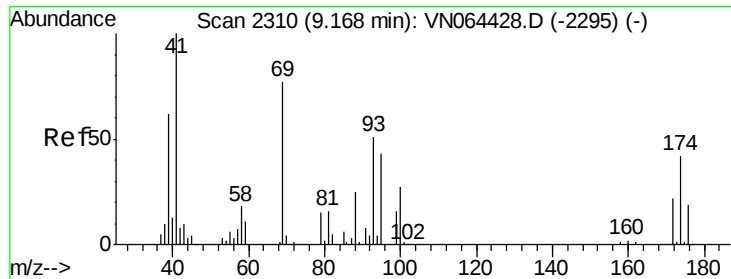


Abundance Ion 41.00 (40.70 to 41.70): VN064426.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064426.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064426.D (-2297) (-)

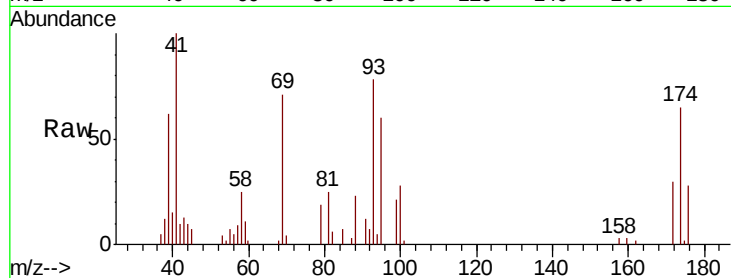




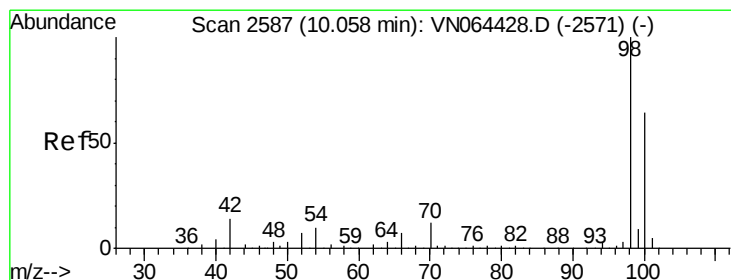
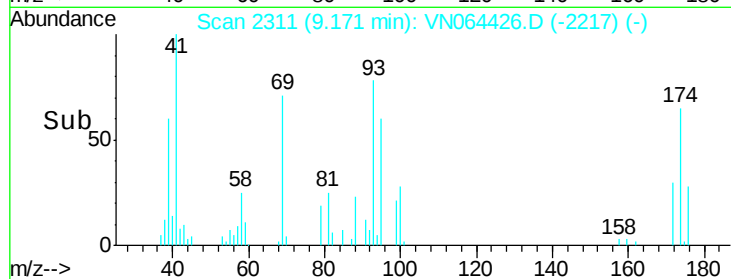
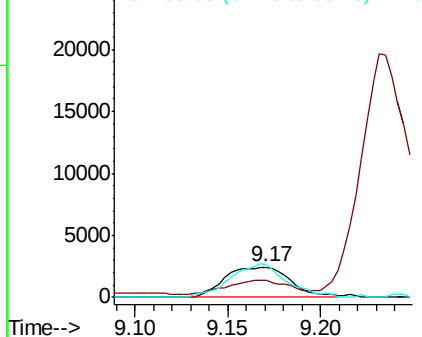
#49
1,4-Dioxane
Concen: 73.358 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 5949
Ion Ratio Lower Upper
88 100
43 41.5 31.0 46.6
58 94.9 58.4 87.6#

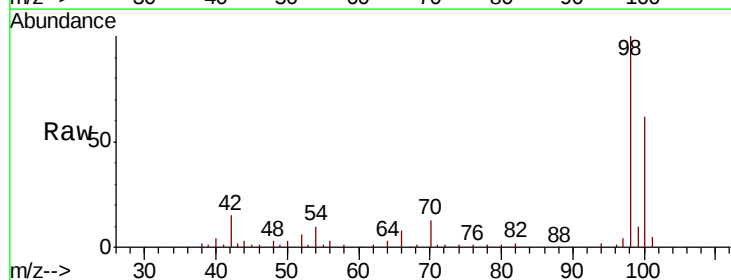


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

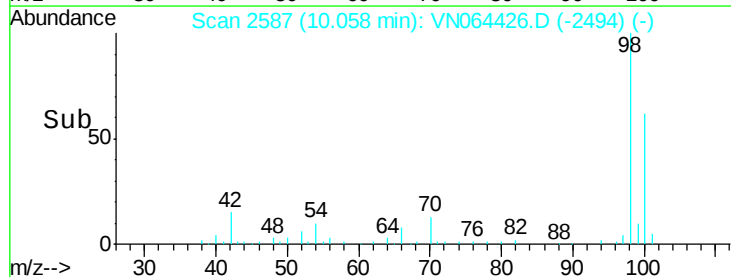
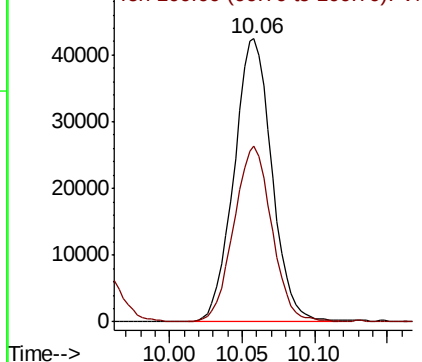


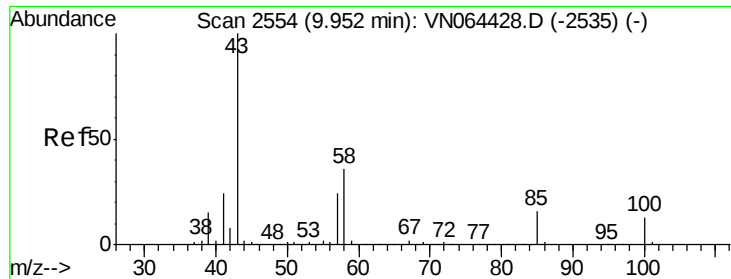
#50
Toluene-d8
Concen: 4.949 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 98 Resp: 76963
Ion Ratio Lower Upper
98 100
100 62.1 50.7 76.1



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: 20.825 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

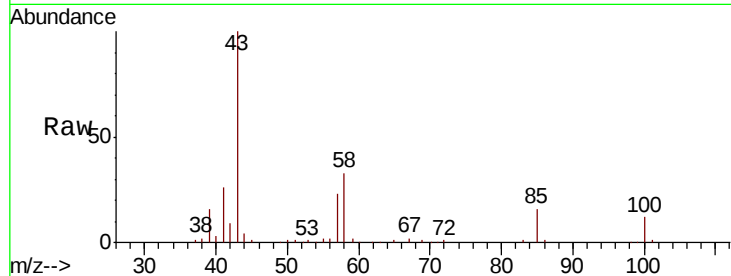
ClientSampled :

Tot Ion: 43 Resp: 132635

Ion Ratio Lower Upper

43 100

58 34.3 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)

9.95

80000

60000

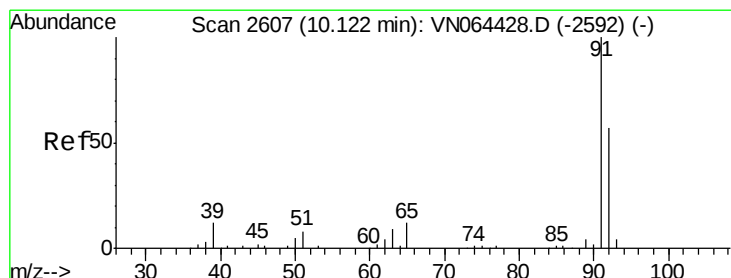
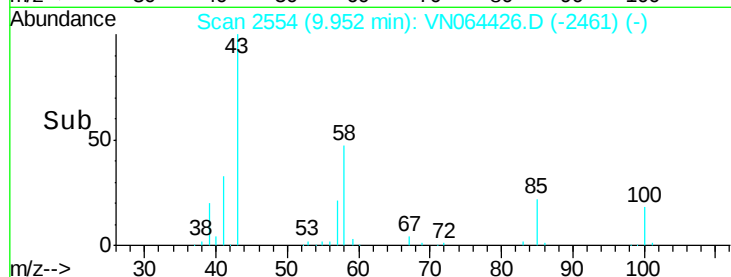
40000

20000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 4.710 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064426.D

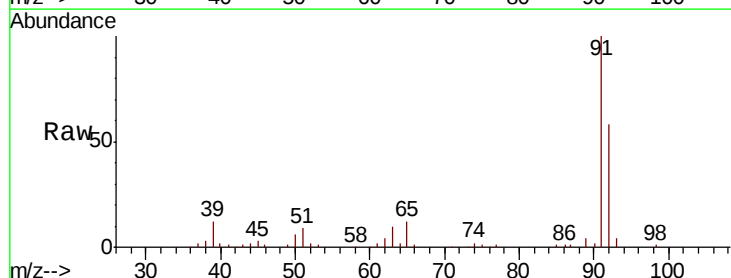
Acq: 4 Nov 2020 10:12

Tgt Ion: 92 Resp: 53212

Ion Ratio Lower Upper

92 100

91 176.8 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)

10.12

50000

40000

30000

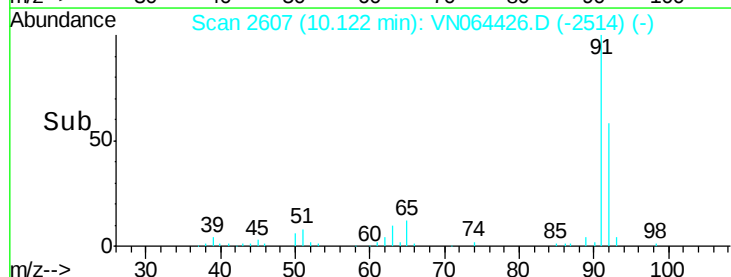
20000

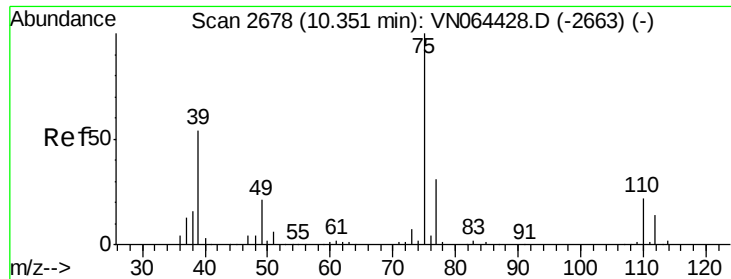
10000

0

10.05 10.10 10.15 10.20

Time-->

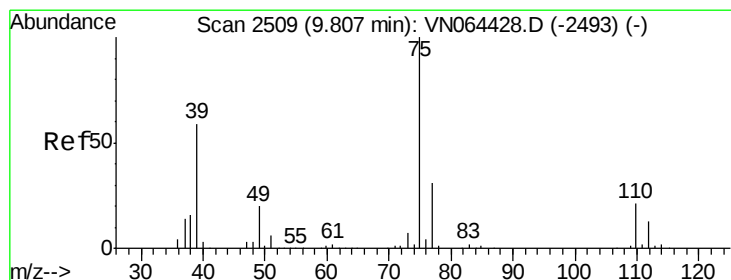
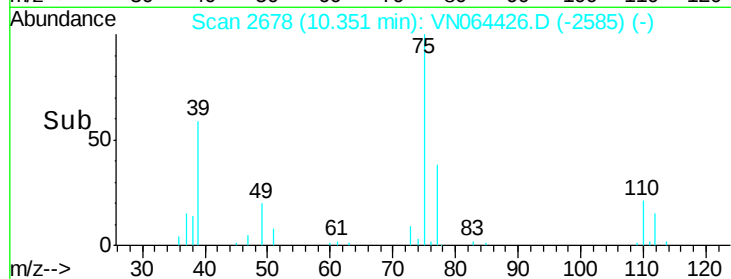
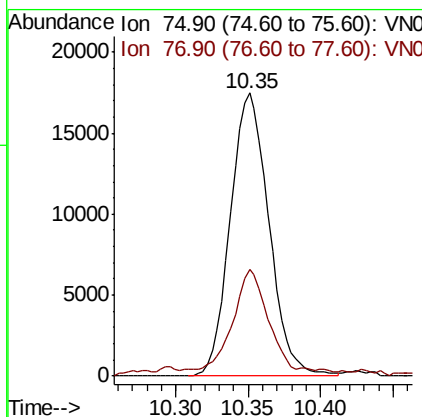
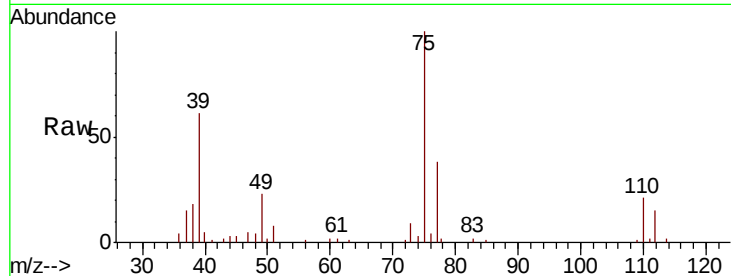




#53
 t-1,3-Dichloropropene
 Concen: 4.149 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

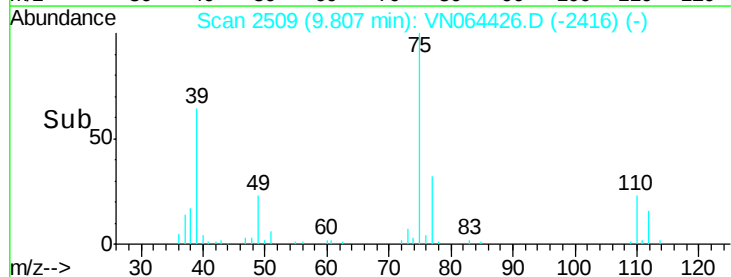
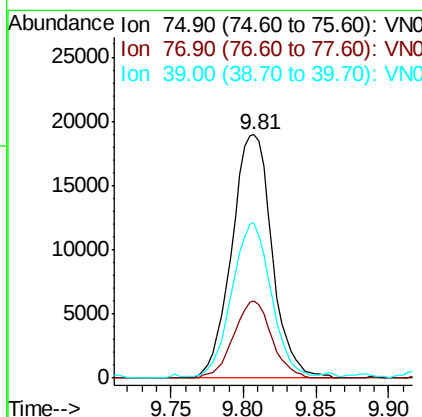
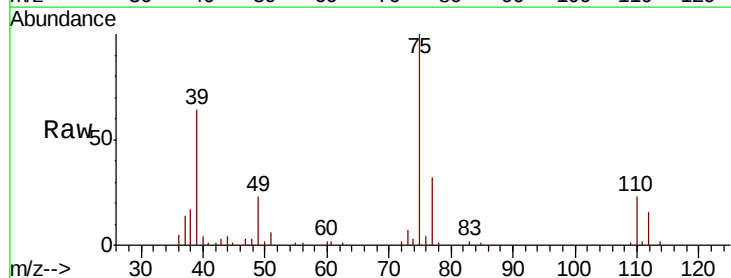
Instrument :
 MSVOA_N
 ClientSampleId :

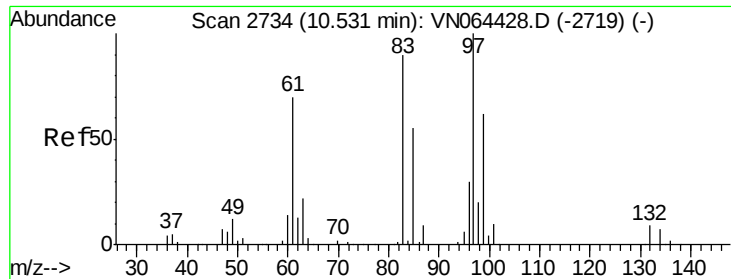
Tot Ion: 75 Resp: 32351
 Ion Ratio Lower Upper
 75 100
 77 36.0 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 4.563 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion: 75 Resp: 36591
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.9 37.3
 39 63.0 47.1 70.7

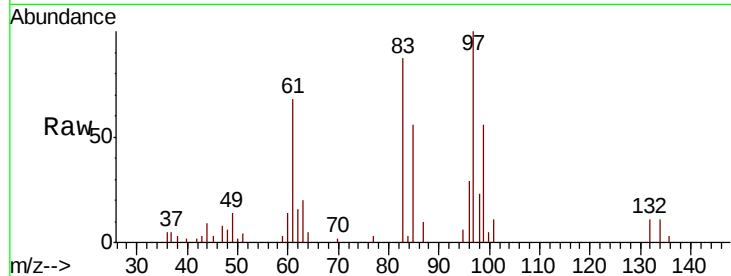




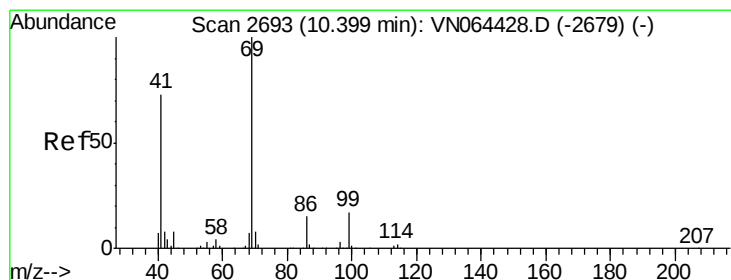
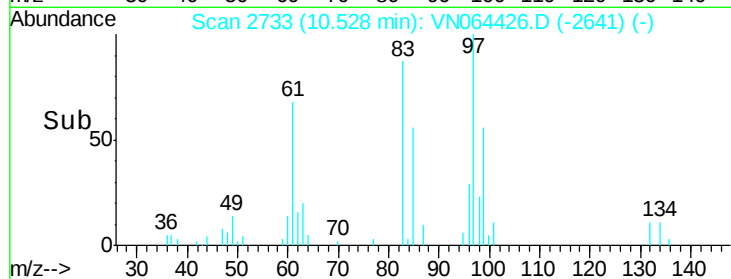
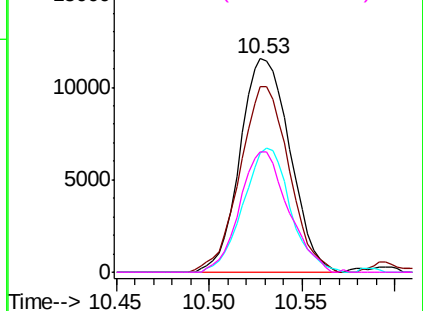
#55
 1,1,2-Trichloroethane
 Concen: 4.887 ug/l
 RT: 10.53 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 21682
 Ion Ratio Lower Upper
 97 100
 83 86.6 71.7 107.5
 85 55.8 44.3 66.5
 99 56.3 49.4 74.2

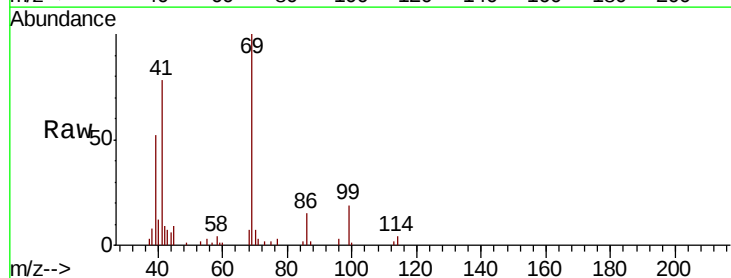


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

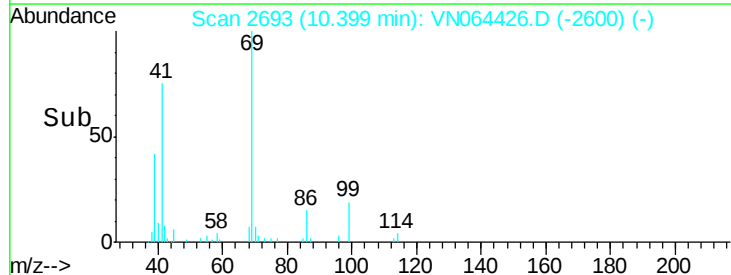
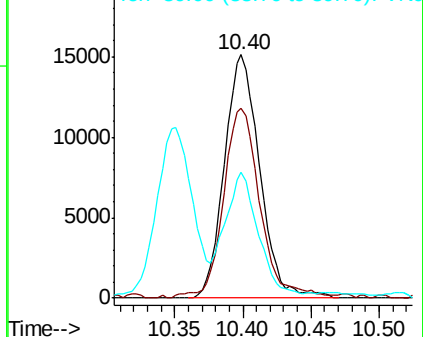


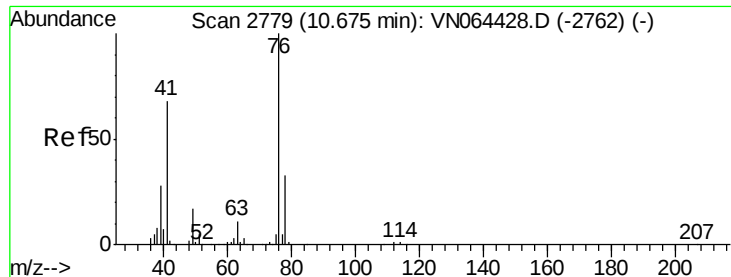
#56
 Ethyl methacrylate
 Concen: 4.081 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion: 69 Resp: 27296
 Ion Ratio Lower Upper
 69 100
 41 80.5 59.3 88.9
 39 45.6 35.4 53.0



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

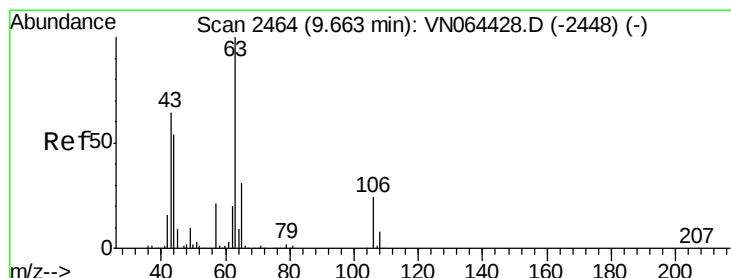
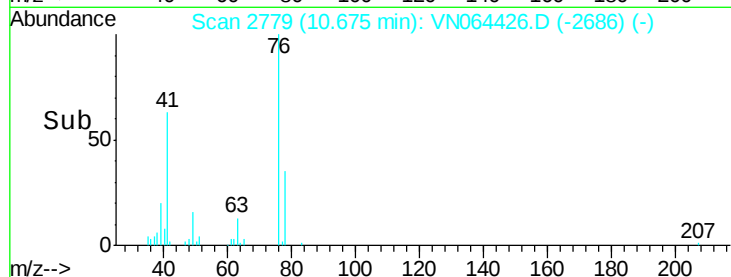
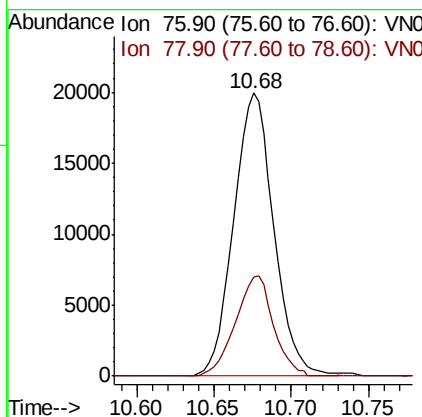
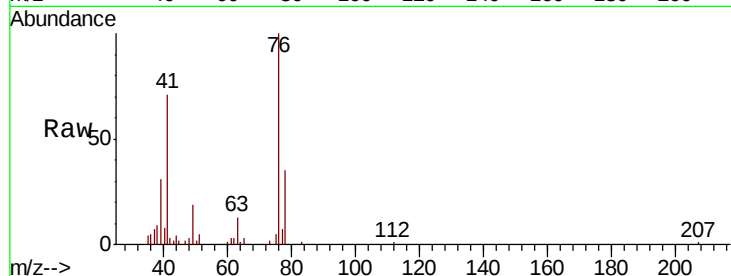




#57
 1,3-Dichloropropane
 Concen: 4.740 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

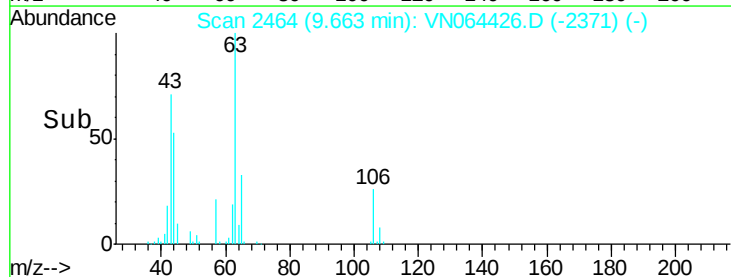
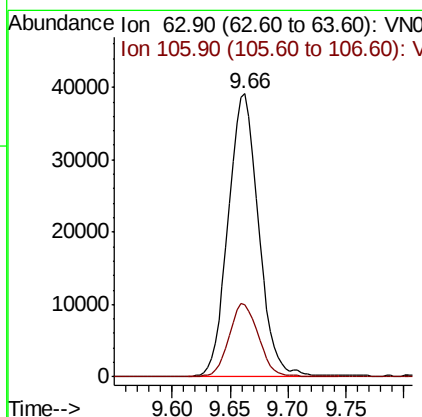
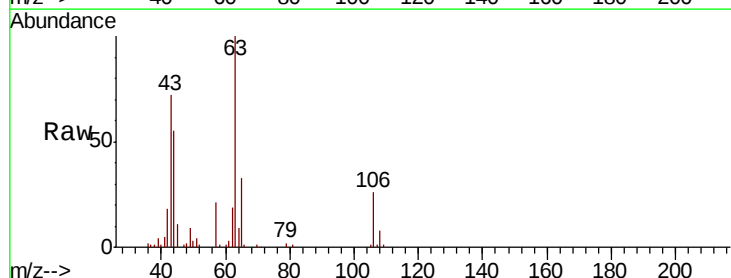
Instrument :
 MSVOA_N
 ClientSampled :

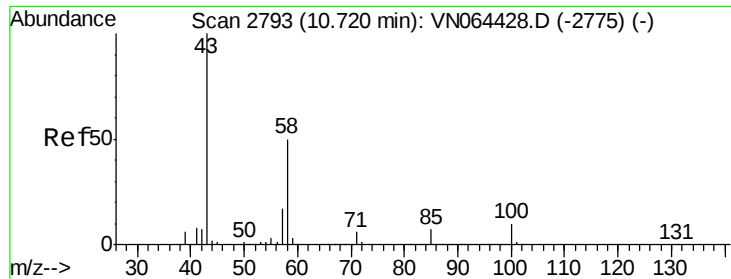
Tot Ion: 76 Resp: 35863
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 20.456 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion: 63 Resp: 71183
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.5 29.3

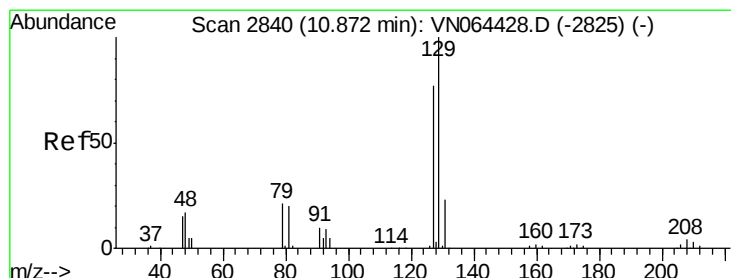
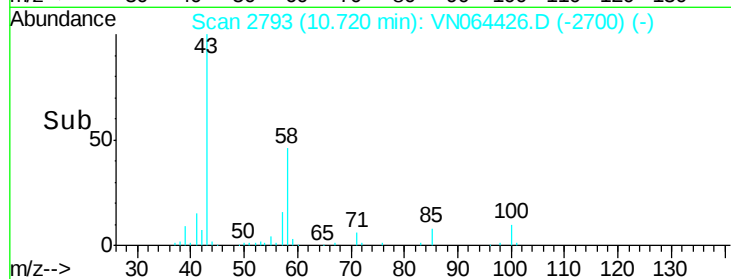
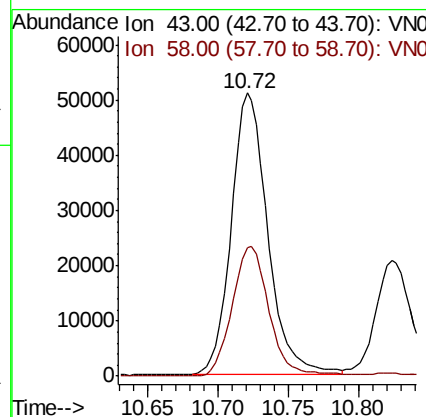
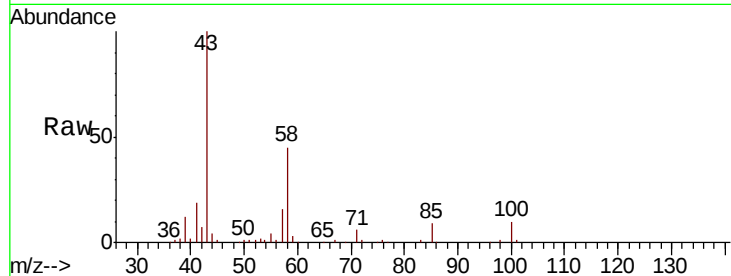




#59
2-Hexanone
Concen: 19.628 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

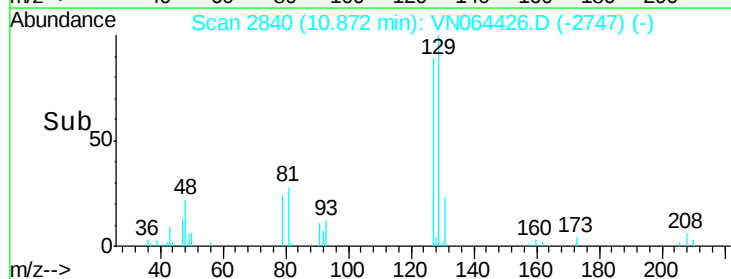
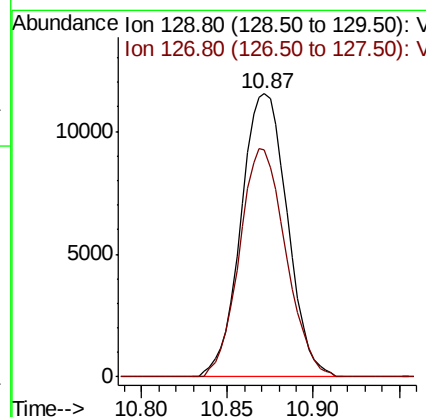
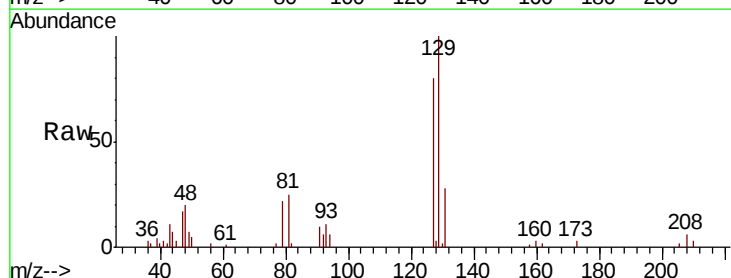
Instrument :
MSVOA_N
ClientSampled :

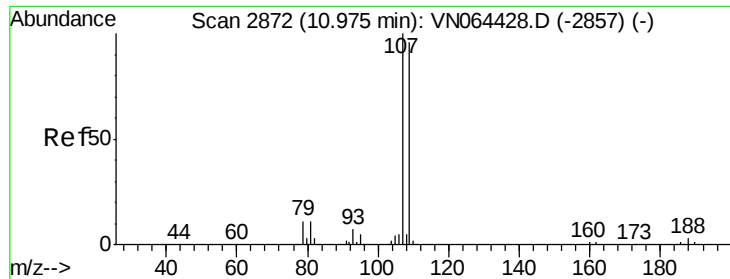
Tot Ion: 43 Resp: 91880
Ion Ratio Lower Upper
43 100
58 46.9 24.7 74.1



#60
Dibromochloromethane
Concen: 4.178 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 129 Resp: 21585
Ion Ratio Lower Upper
129 100
127 80.4 38.9 116.7

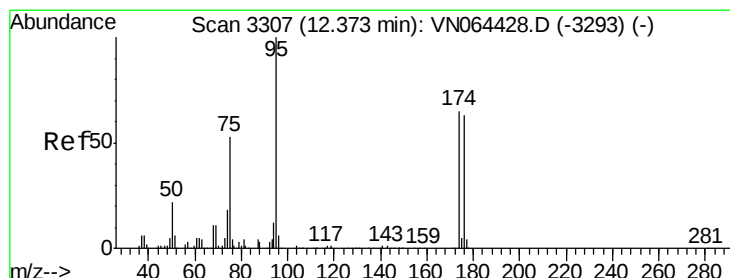
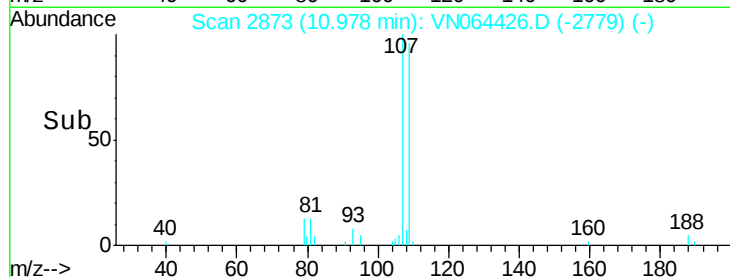
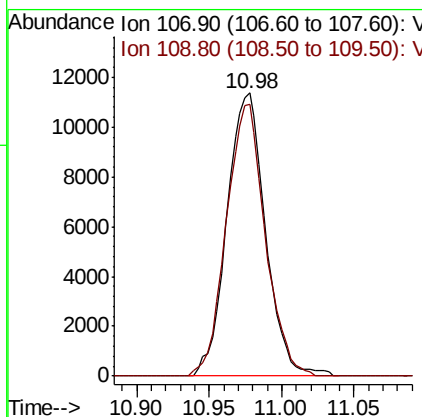
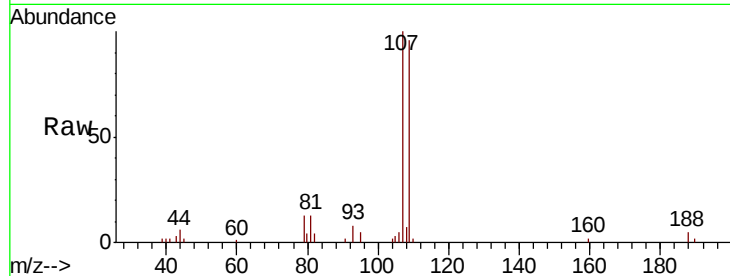




#61
 1,2-Dibromoethane
 Concen: 4.676 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

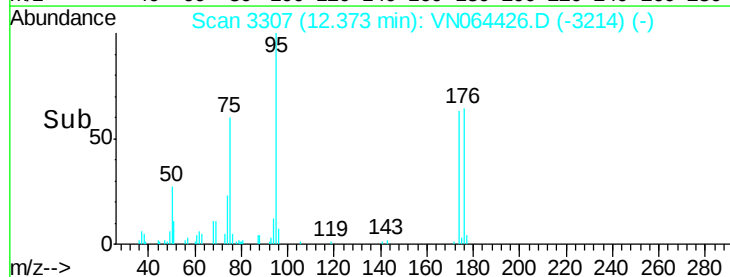
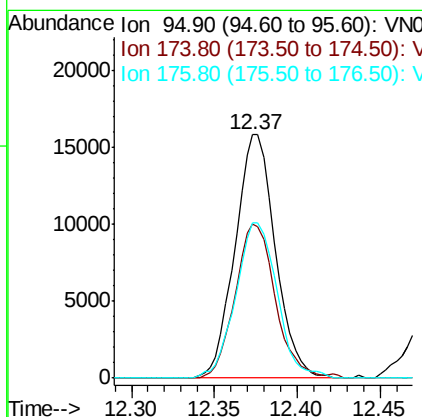
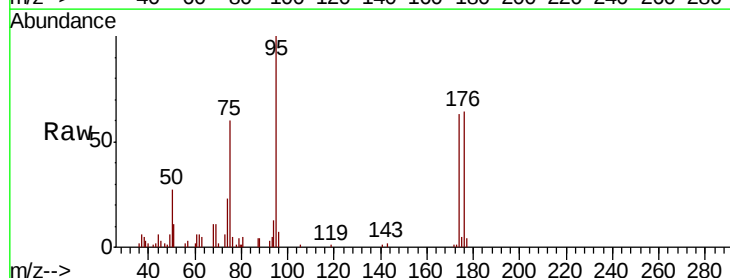
Instrument :
 MSVOA_N
 ClientSampleId :

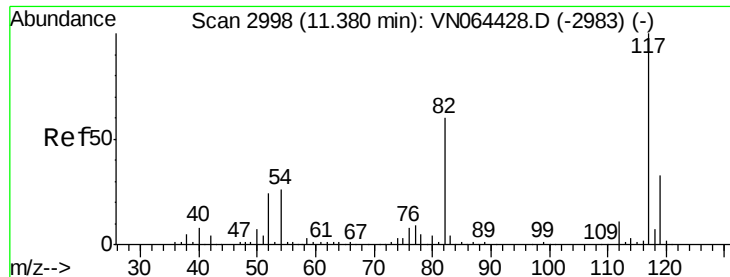
Tot Ion: 107 Resp: 21009
 Ion Ratio Lower Upper
 107 100
 109 96.8 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 4.432 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion: 95 Resp: 26697
 Ion Ratio Lower Upper
 95 100
 174 63.4 0.0 132.6
 176 65.8 0.0 129.2

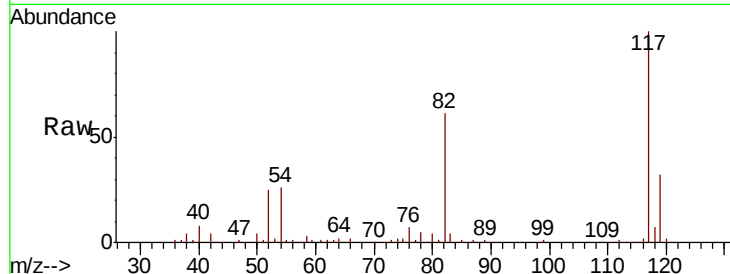




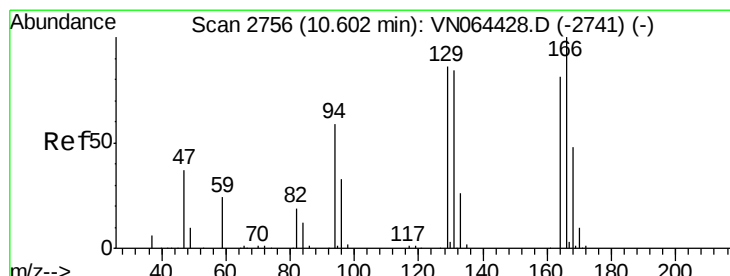
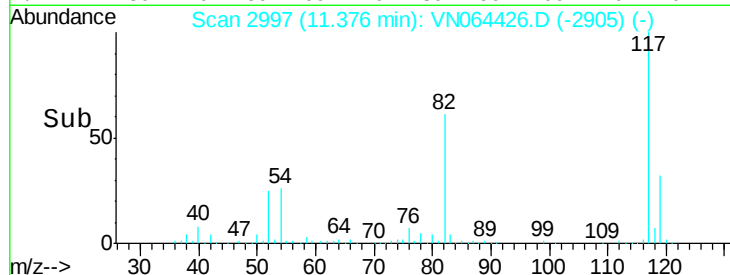
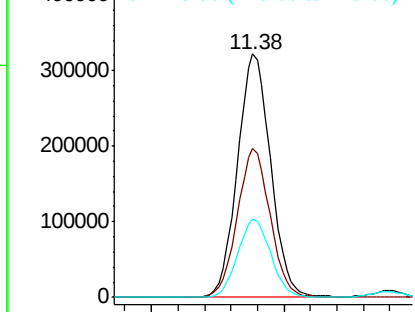
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 559682
Ion Ratio Lower Upper
117 100
82 61.3 48.1 72.1
119 32.1 26.2 39.4

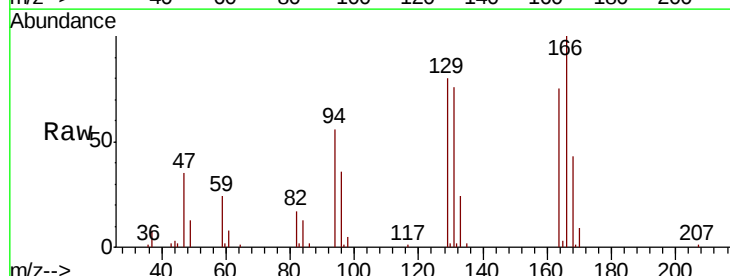


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

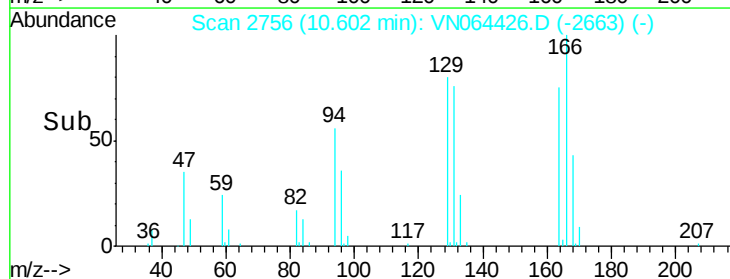
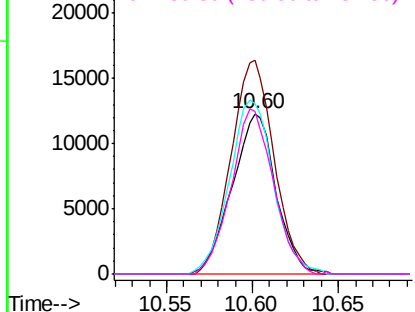


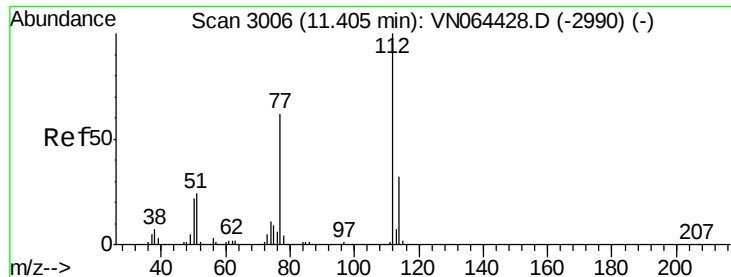
#64
Tetrachloroethene
Concen: 4.715 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion:164 Resp: 21660
Ion Ratio Lower Upper
164 100
166 133.1 98.2 147.2
129 106.4 84.6 127.0
131 101.0 82.2 123.2



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: 5.088 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

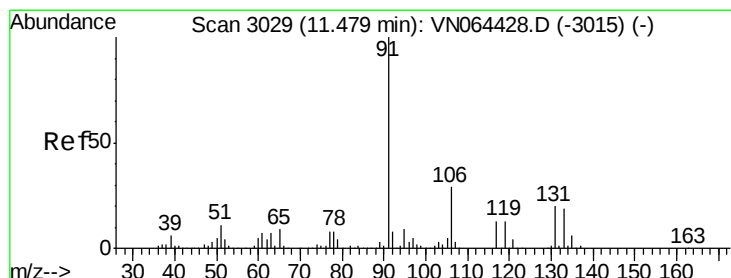
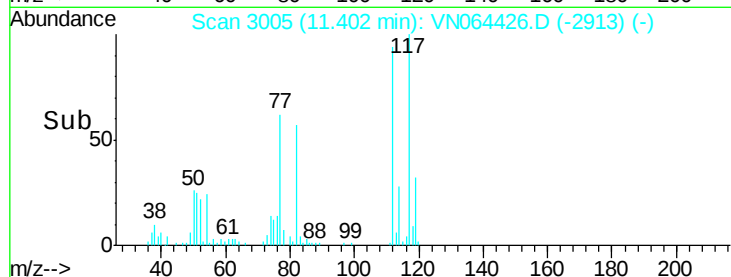
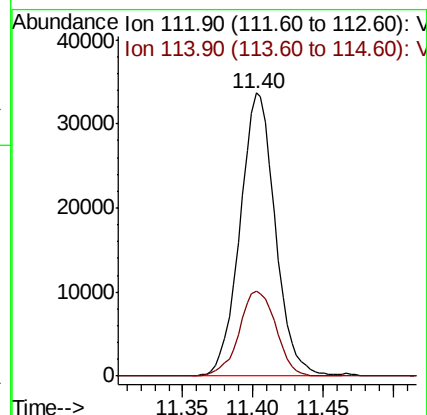
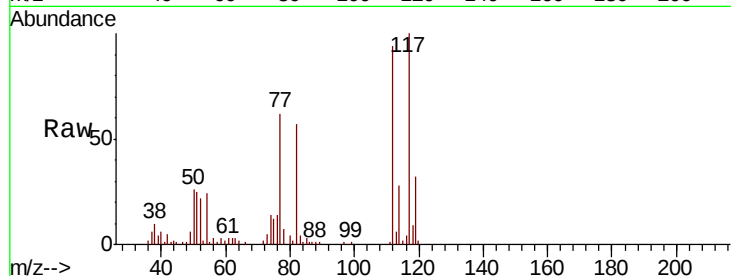
ClientSampleId :

Tot Ion:112 Resp: 58907

Ion Ratio Lower Upper

112 100

114 29.9 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 4.532 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

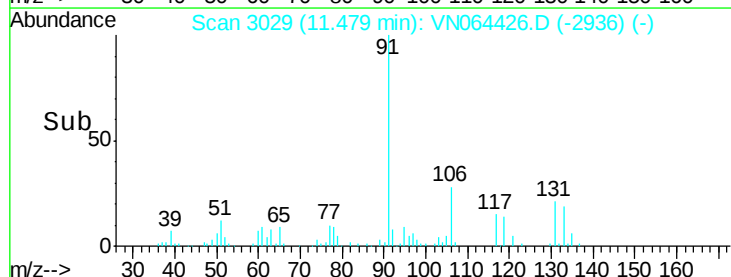
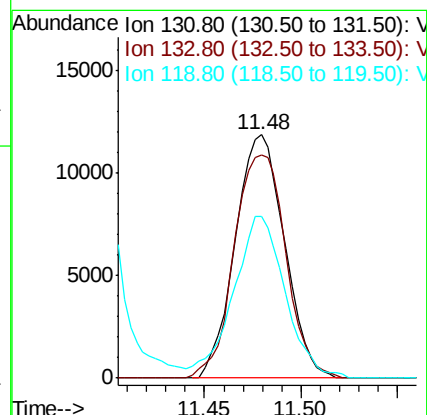
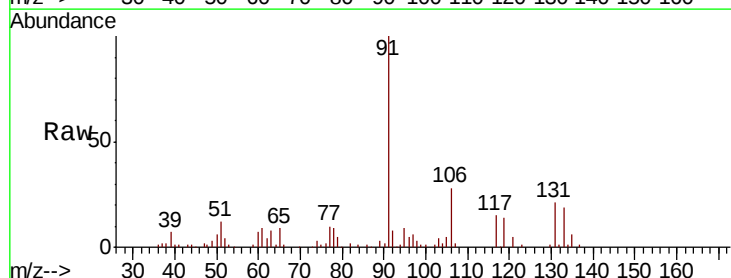
Tgt Ion:131 Resp: 20988

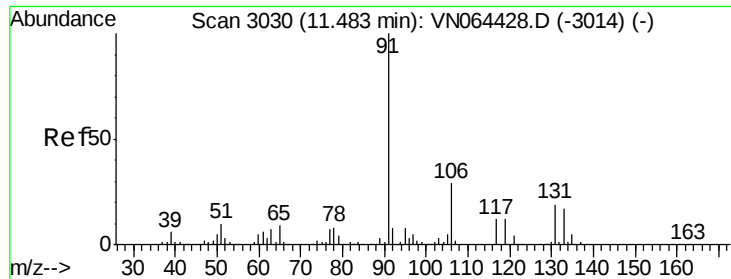
Ion Ratio Lower Upper

131 100

133 96.9 46.9 140.7

119 70.4 32.1 96.5

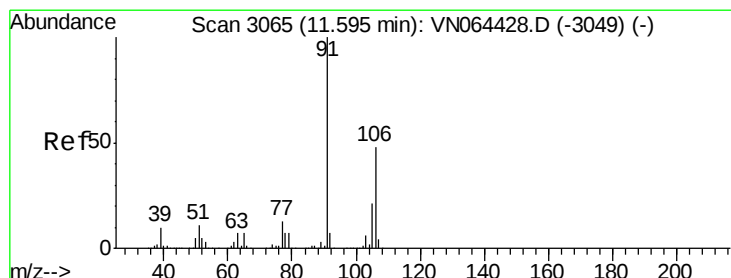
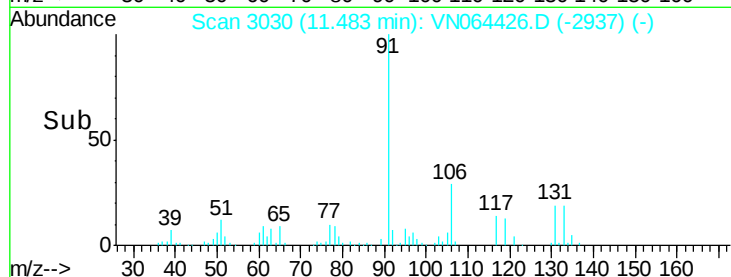
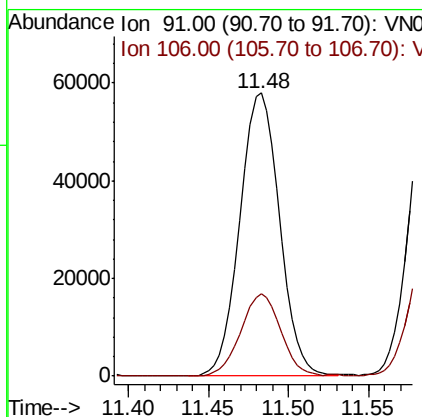
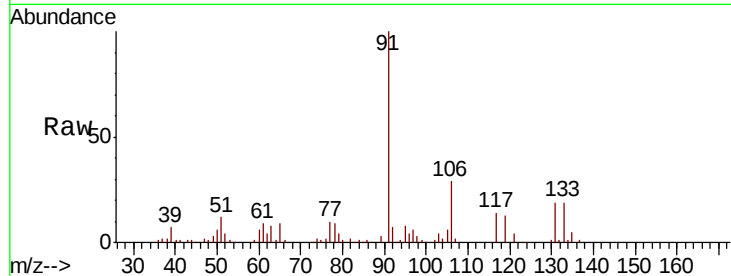




#67
Ethyl Benzene
Concen: 4.566 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

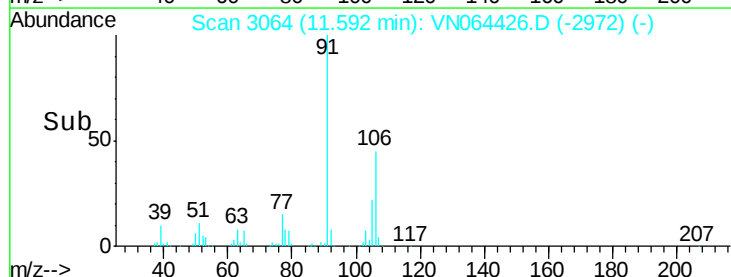
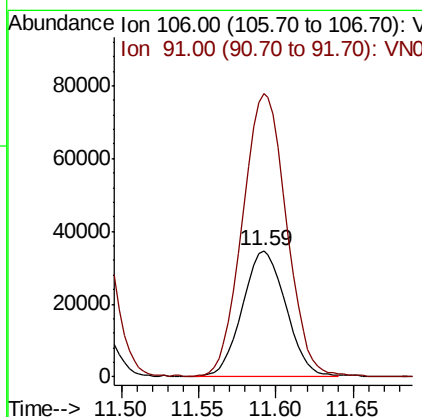
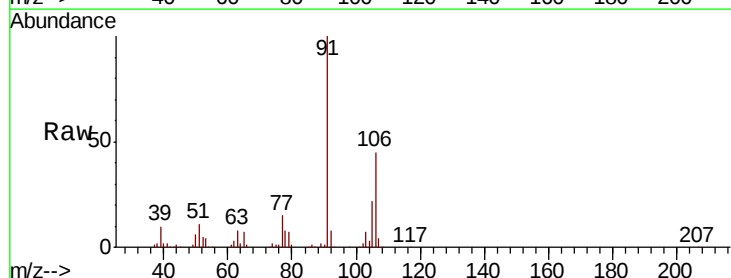
Instrument :
MSVOA_N
ClientSampled :

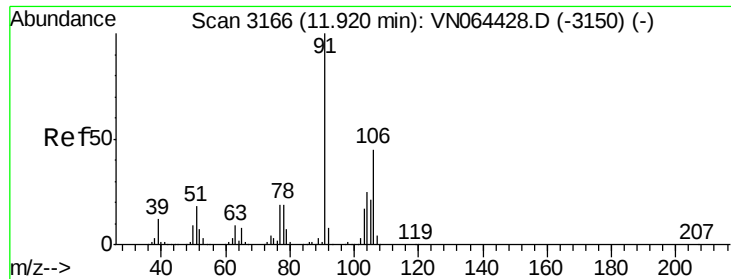
Tot Ion: 91 Resp: 98203
Ion Ratio Lower Upper
91 100
106 28.9 23.6 35.4



#68
m/p-Xylenes
Concen: 8.558 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 106 Resp: 68099
Ion Ratio Lower Upper
106 100
91 226.9 169.4 254.2

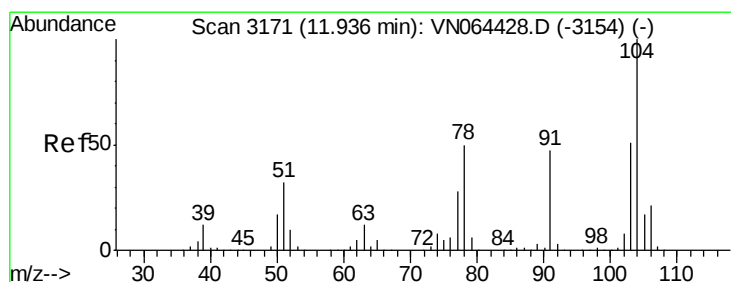
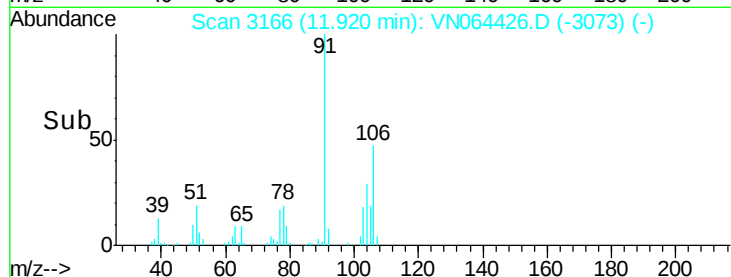
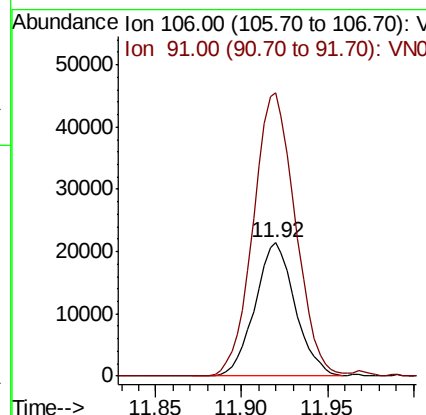
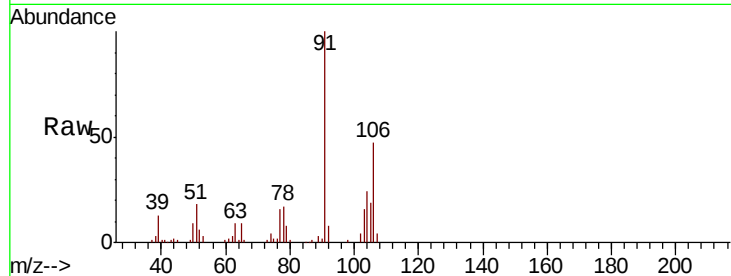




#69
o-Xylene
Concen: 4.531 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

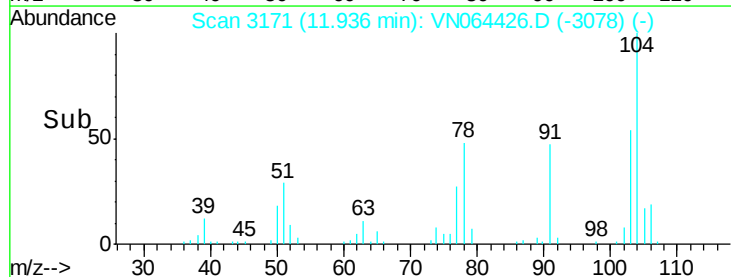
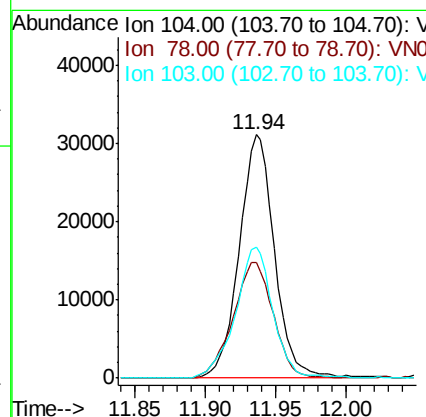
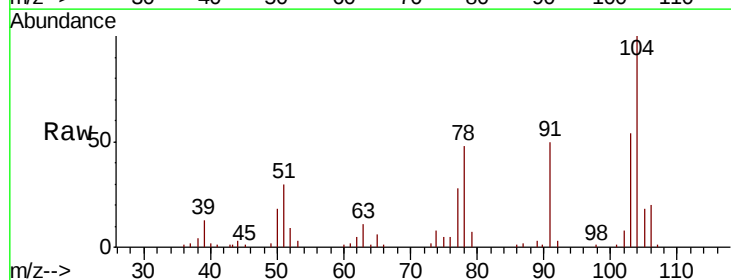
Instrument :
MSVOA_N
ClientSampled :

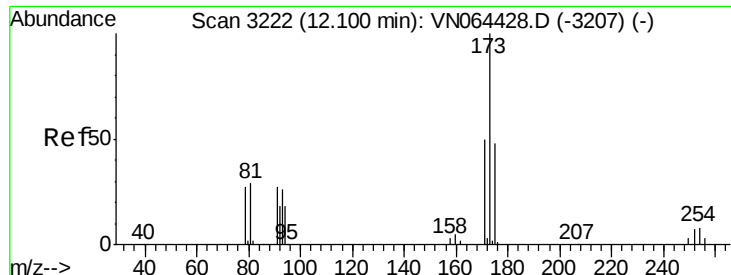
Tot Ion:106 Resp: 34773
Ion Ratio Lower Upper
106 100
91 221.9 111.7 334.9



#70
Styrene
Concen: 4.328 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion:104 Resp: 54443
Ion Ratio Lower Upper
104 100
78 54.2 44.0 66.0
103 57.2 43.8 65.6

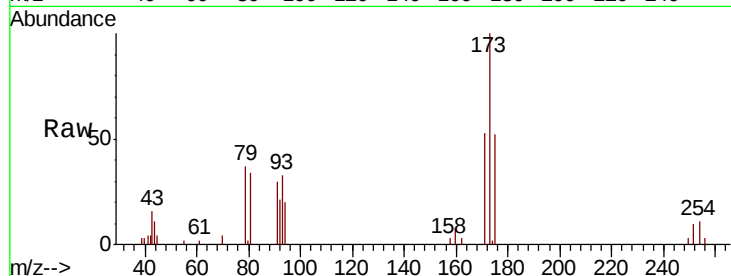




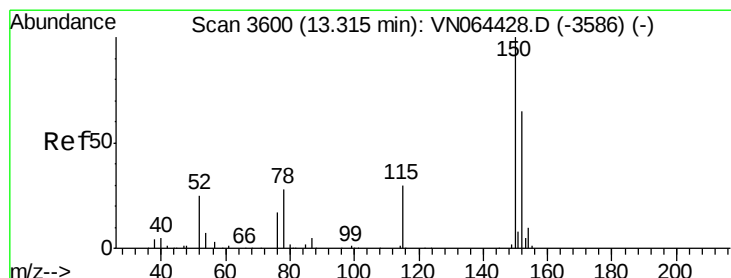
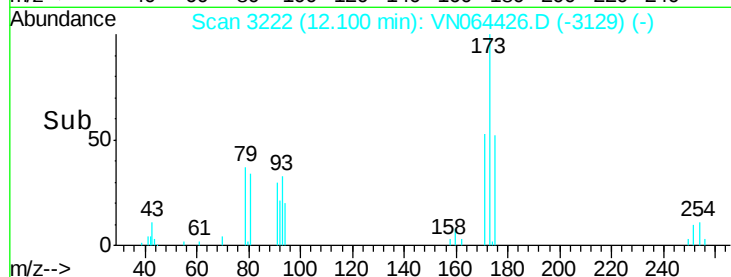
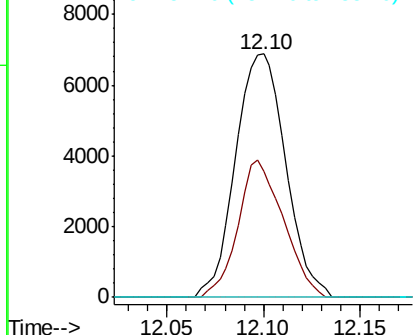
#71
Bromoform
Concen: 3.480 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 12392
Ion Ratio Lower Upper
173 100
175 51.0 23.7 71.1
254 0.0 0.0 0.0

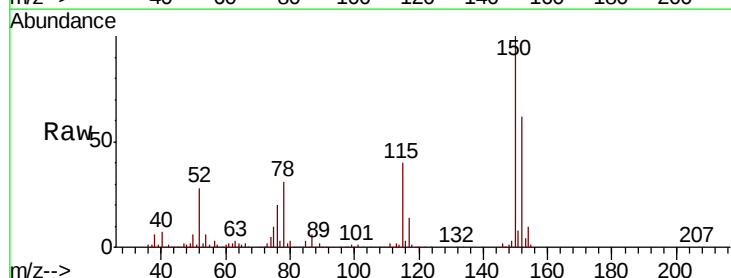


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

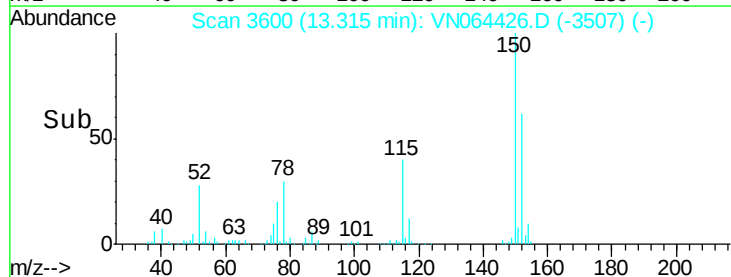
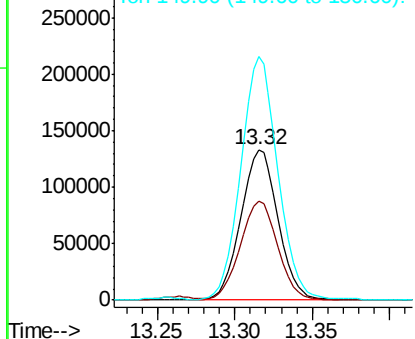


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion:152 Resp: 222598
Ion Ratio Lower Upper
152 100
115 65.7 32.0 96.0
150 159.9 0.0 353.8



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





#73

Isopropylbenzene

Concen: 5.159 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

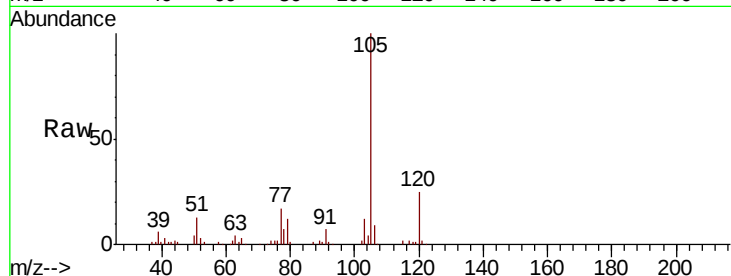
ClientSampleId :

Tot Ion:105 Resp: 87888

Ion Ratio Lower Upper

105 100

120 25.3 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

60000

50000

40000

30000

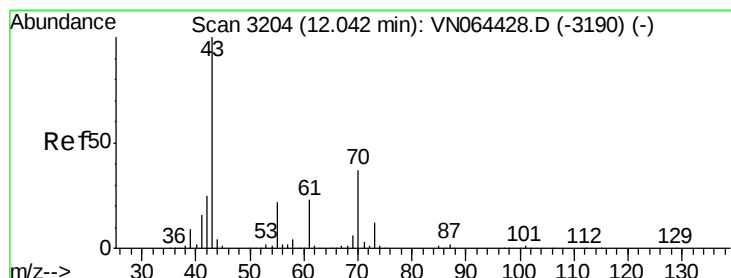
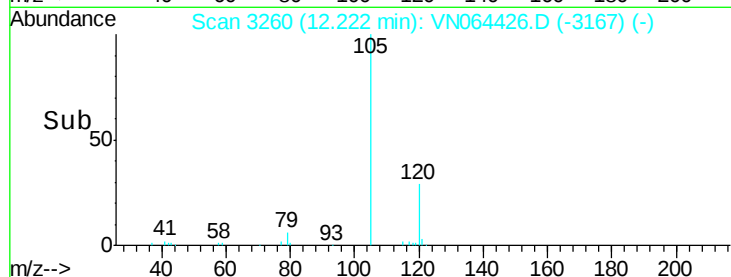
20000

10000

0

12.15 12.20 12.25

Time-->



#74

N-ethyl acetate

Concen: 4.469 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Tgt Ion: 43 Resp: 33426

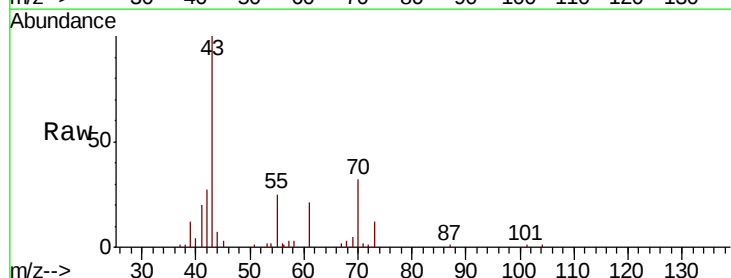
Ion Ratio Lower Upper

43 100

70 34.9 29.6 44.4

55 23.7 18.4 27.6

61 19.8 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

30000

25000

20000

15000

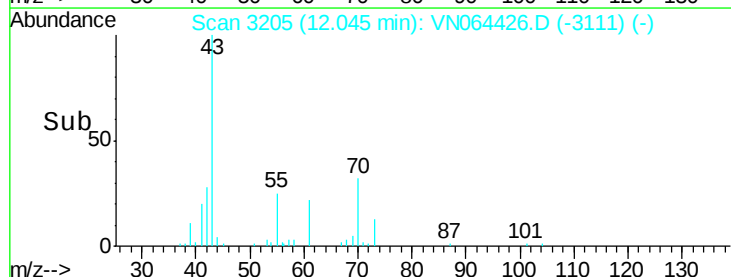
10000

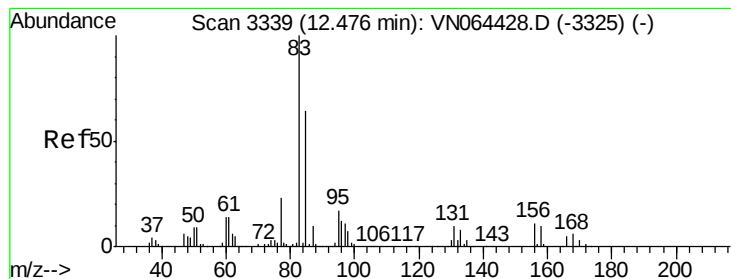
5000

0

11.95 12.00 12.05 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 5.151 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

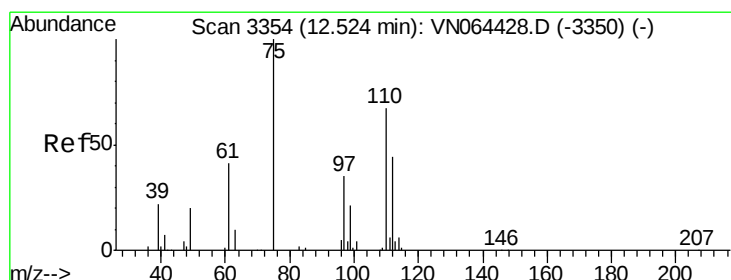
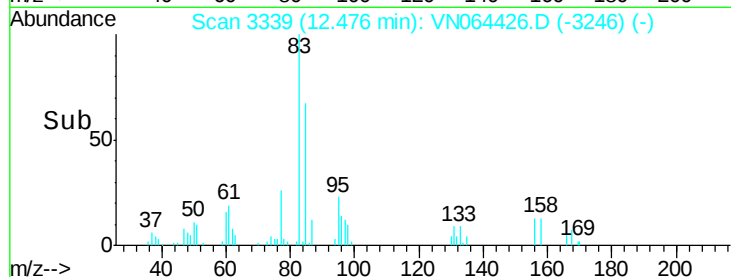
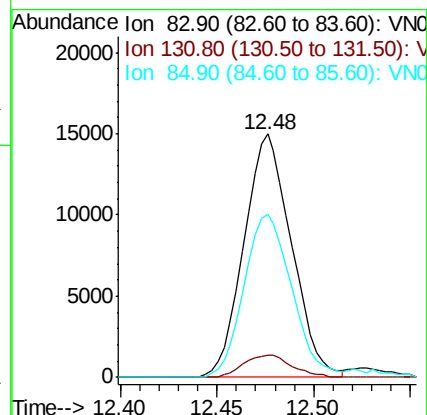
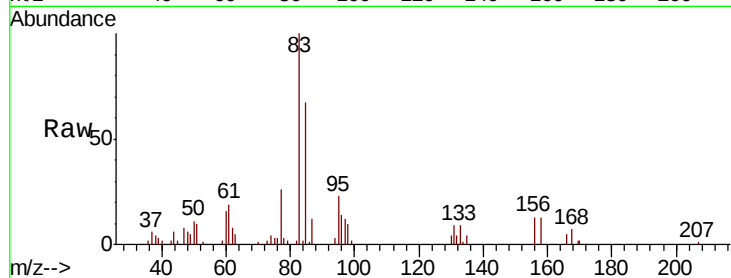
Tot Ion: 83 Resp: 25624

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.7

85 67.2 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 6.955 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064426.D

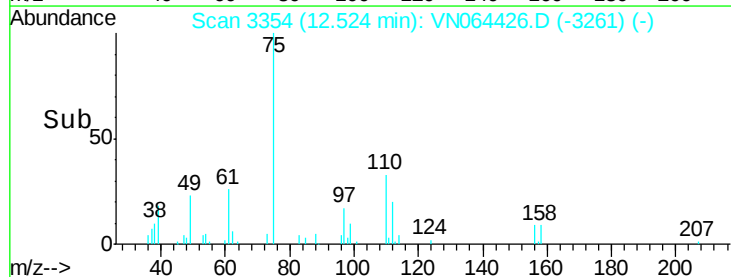
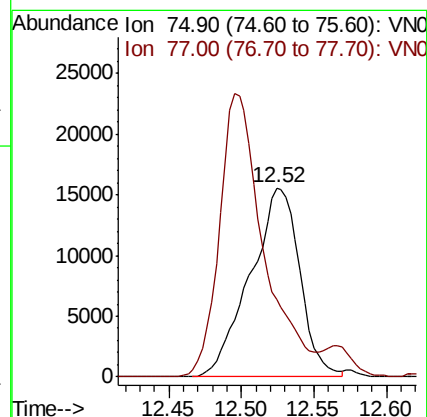
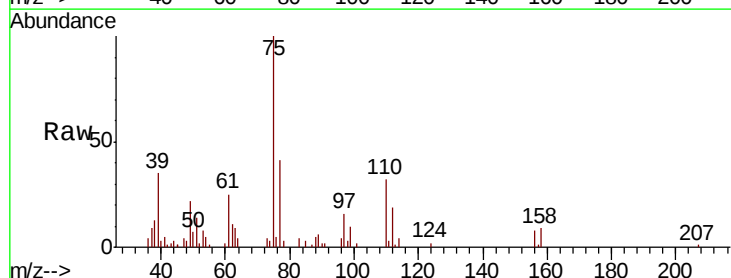
Acq: 4 Nov 2020 10:12

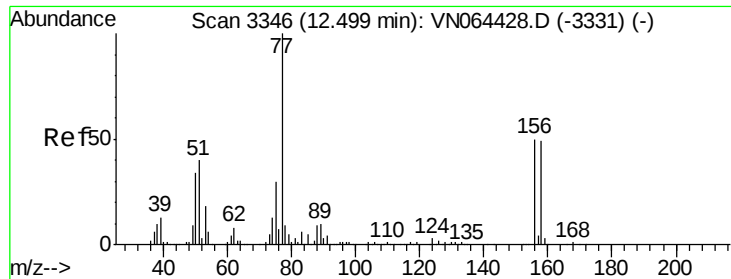
Tgt Ion: 75 Resp: 37110

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.192 ug/l

RT: 12.50 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampled :

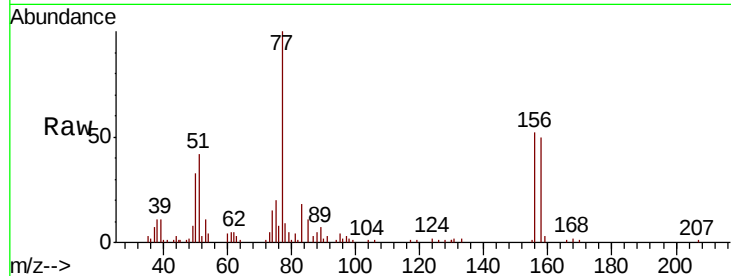
Tot Ion:156 Resp: 21469

Ion Ratio Lower Upper

156 100

77 231.7 119.0 357.0

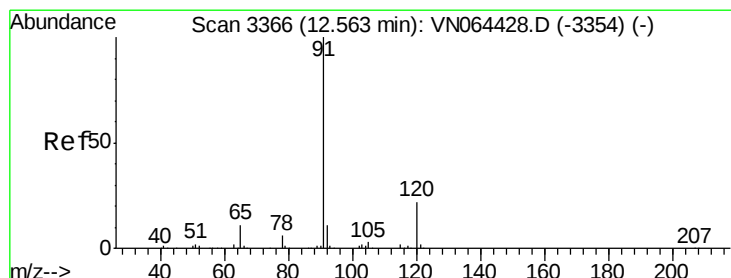
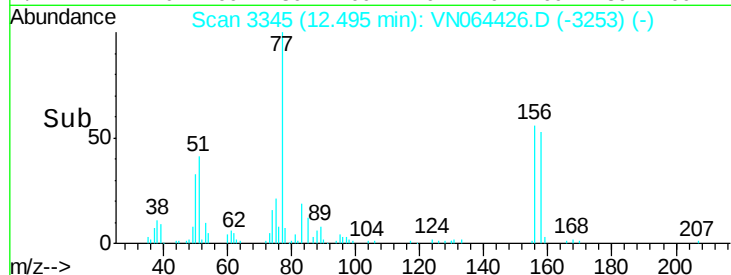
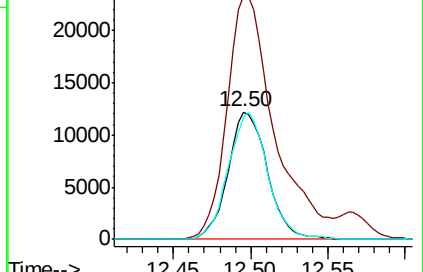
158 99.7 48.4 145.3



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: 4.964 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064426.D

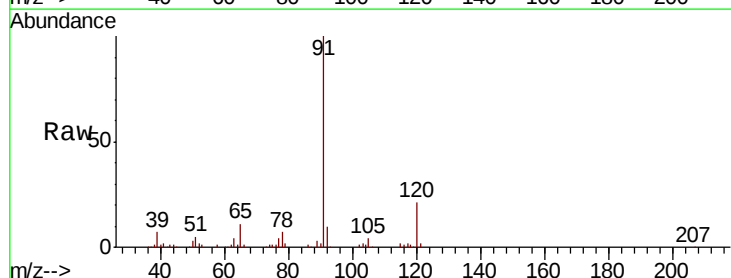
Acq: 4 Nov 2020 10:12

Tgt Ion: 91 Resp: 95717

Ion Ratio Lower Upper

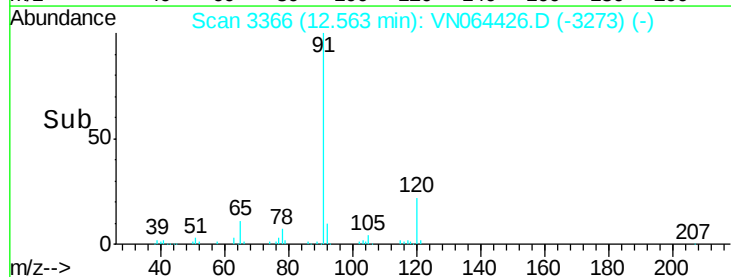
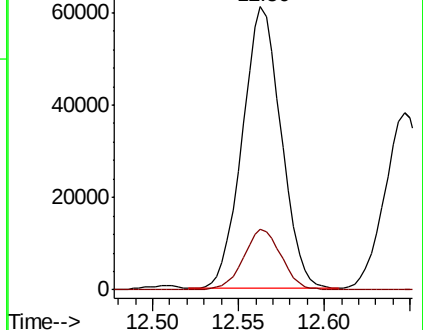
91 100

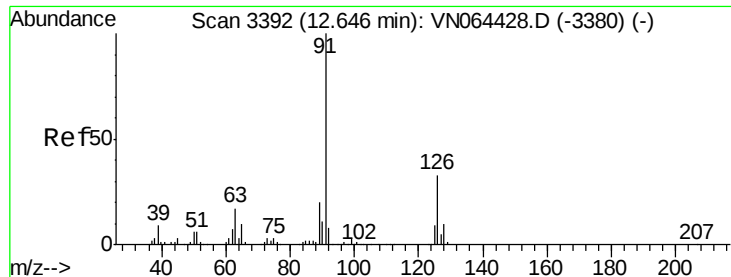
120 20.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.119 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

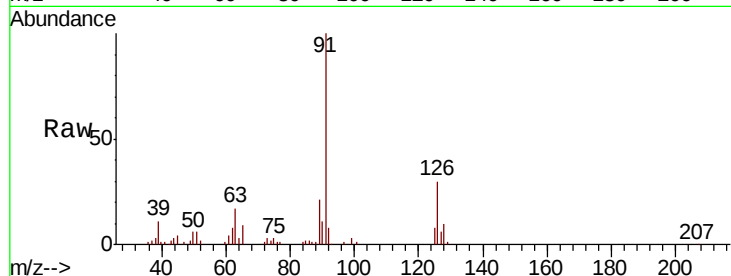
ClientSampled :

Tot Ion: 91 Resp: 62858

Ion Ratio Lower Upper

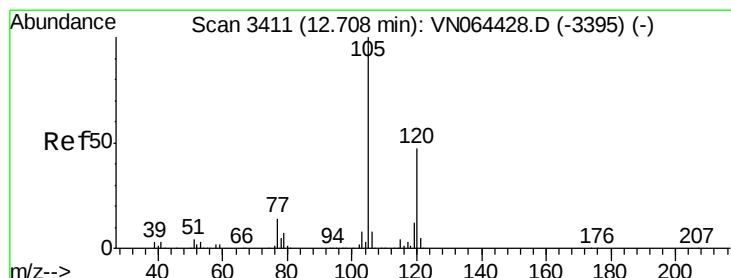
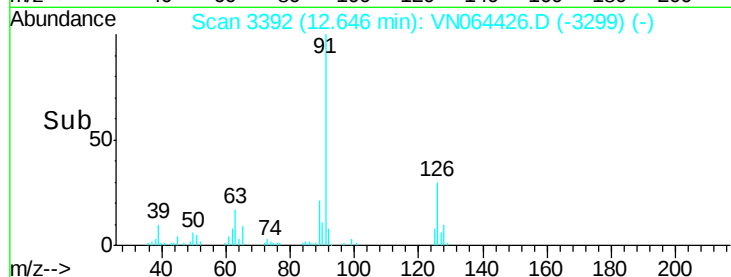
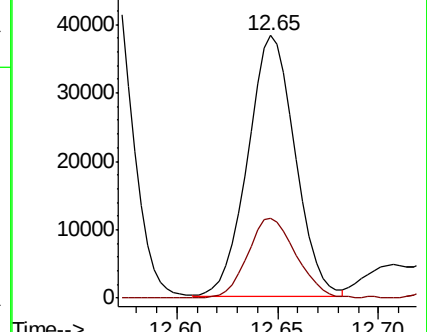
91 100

126 31.2 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.914 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064426.D

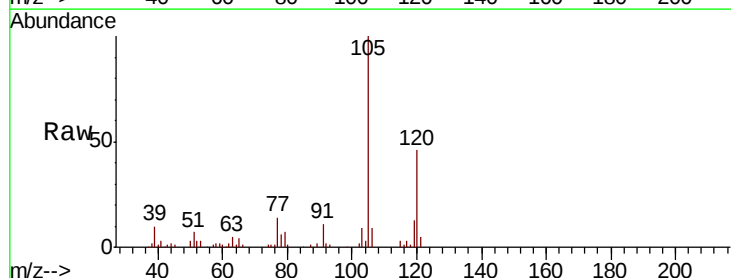
Acq: 4 Nov 2020 10:12

Tgt Ion:105 Resp: 70504

Ion Ratio Lower Upper

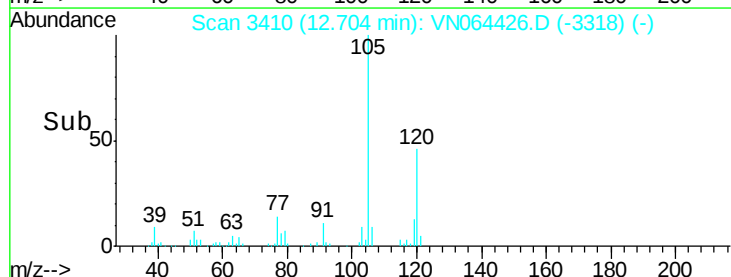
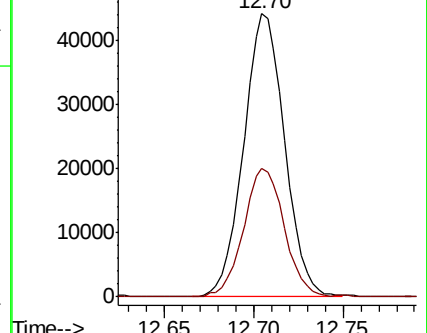
105 100

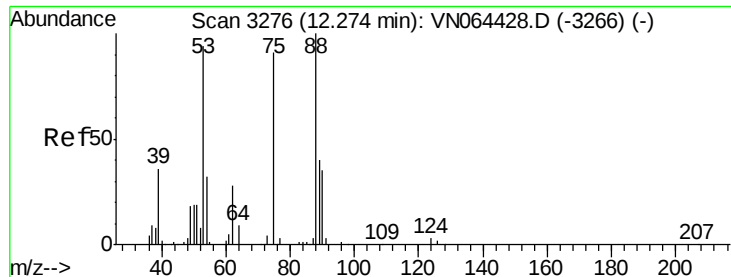
120 44.9 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.379 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

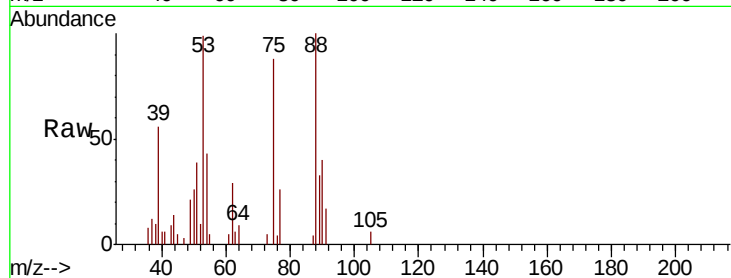
Tot Ion: 75 Resp: 8216

Ion Ratio Lower Upper

75 100

53 116.8 84.0 126.0

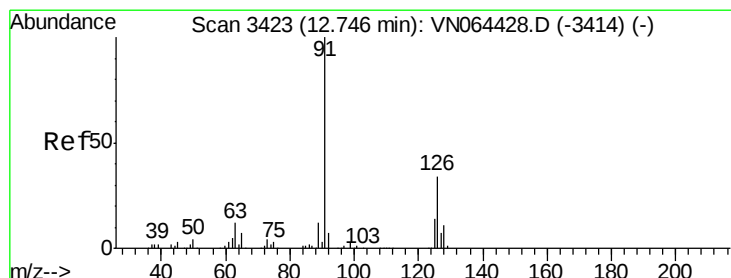
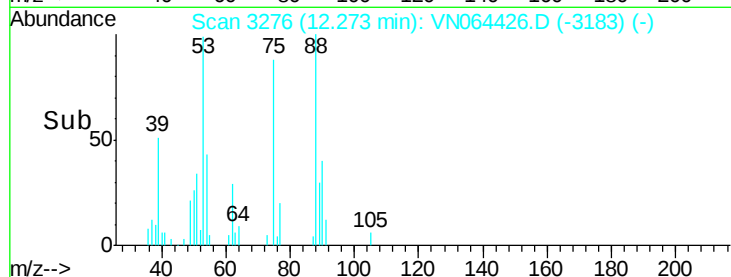
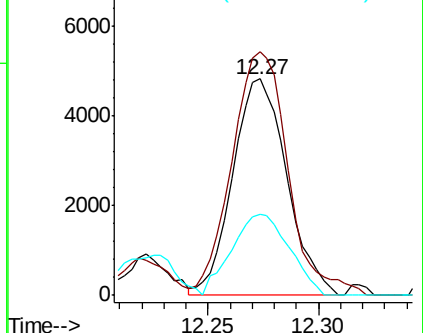
89 39.6 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN064426.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN064426.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN064426.D (-3183) (-)



#82

4-Chlorotoluene

Concen: 5.034 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064426.D

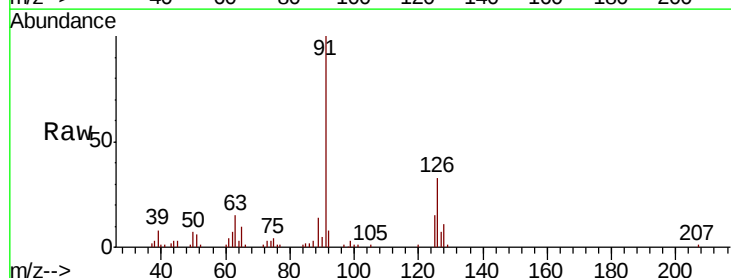
Acq: 4 Nov 2020 10:12

Tgt Ion: 91 Resp: 63368

Ion Ratio Lower Upper

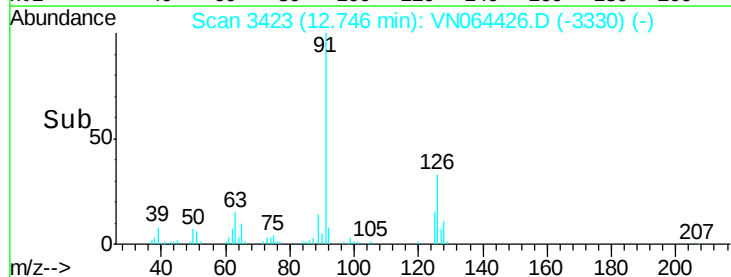
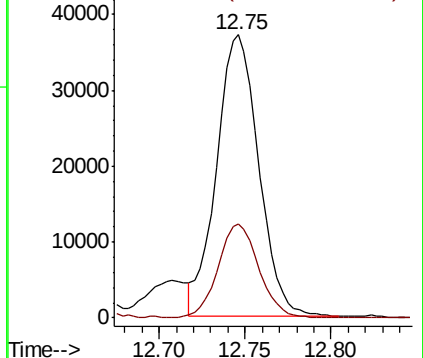
91 100

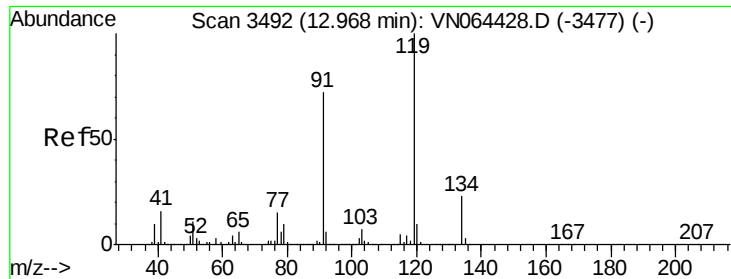
126 32.2 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN064426.D (-3330) (-)

Ion 125.90 (125.60 to 126.60): VN064426.D (-3330) (-)

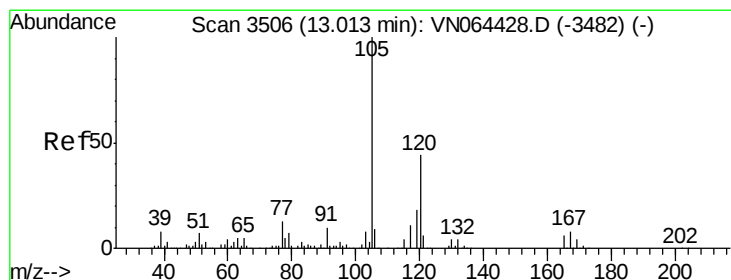
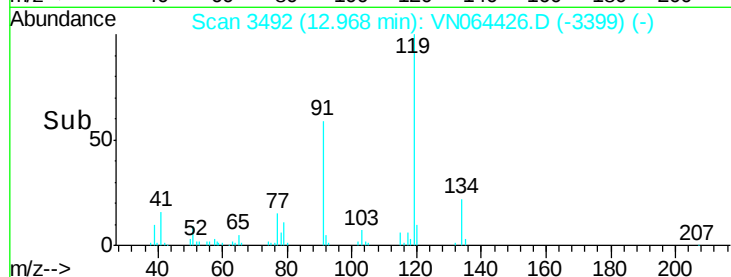
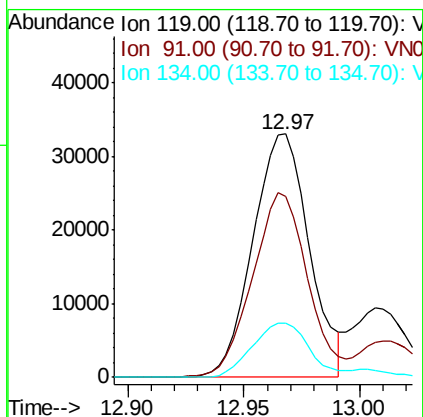
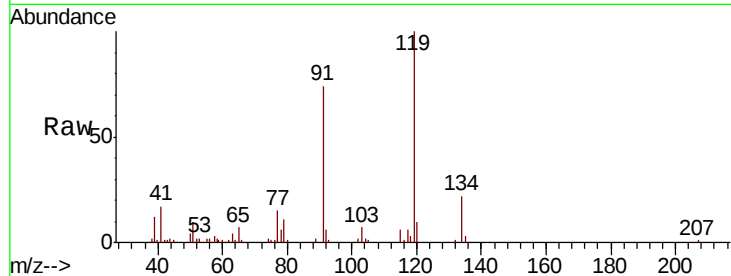




#83
tert-Butylbenzene
Concen: 4.799 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

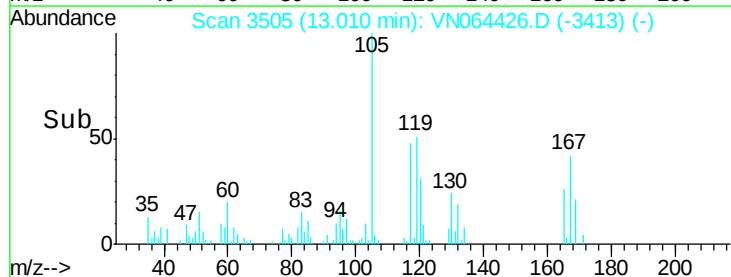
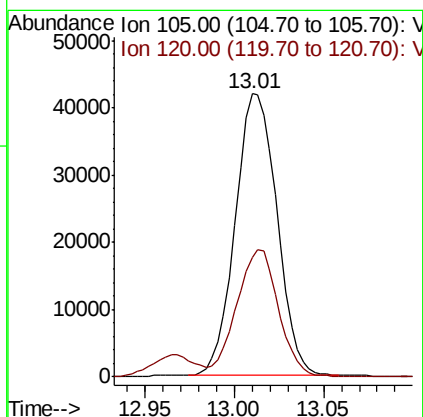
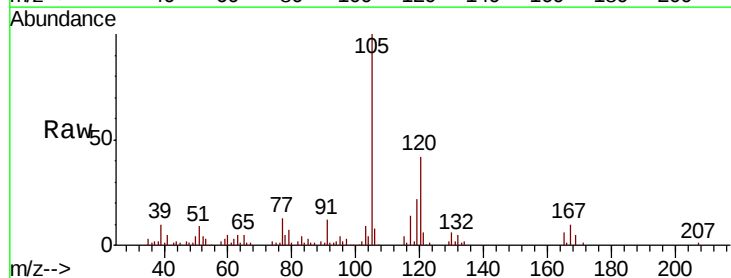
Instrument :
MSVOA_N
ClientSampleId :

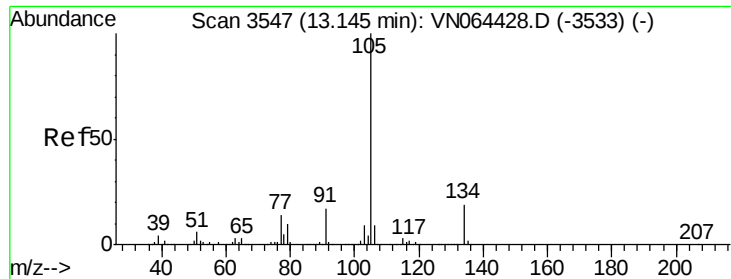
Tot Ion:119 Resp: 55971
Ion Ratio Lower Upper
119 100
91 74.4 36.1 108.3
134 22.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 4.739 ug/l
RT: 13.01 min Scan# 3505
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion:105 Resp: 68029
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.7

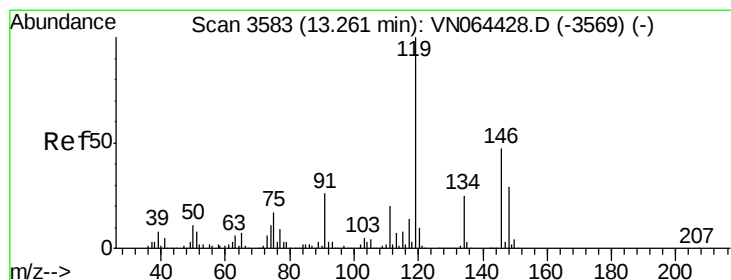
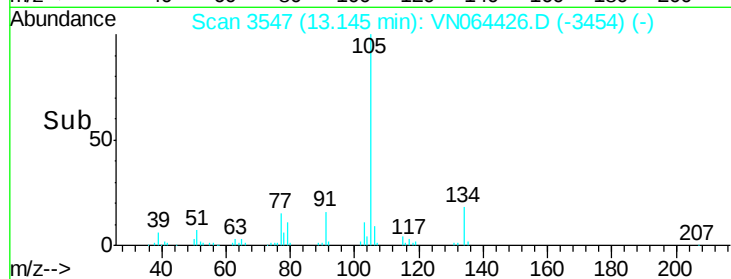
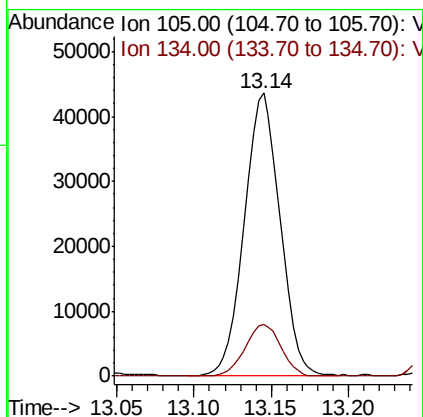
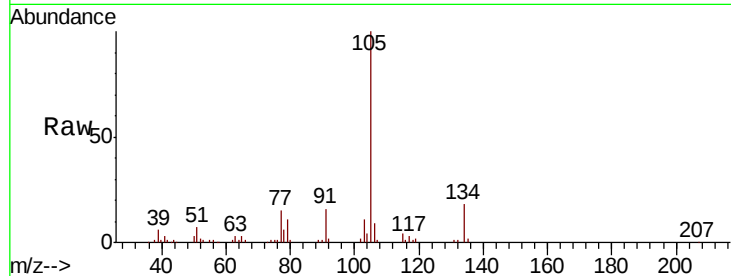




#85
 sec-Butylbenzene
 Concen: 4.646 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

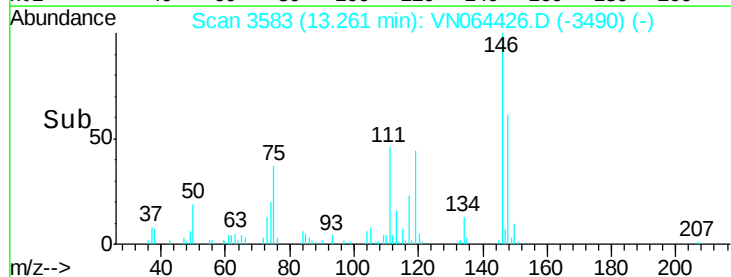
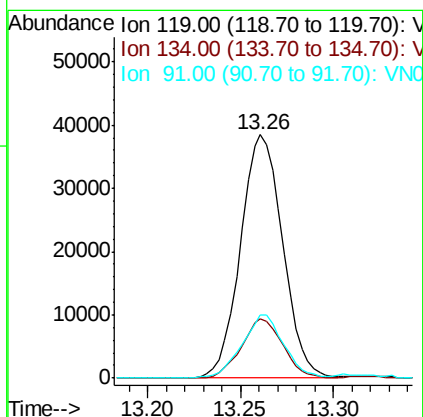
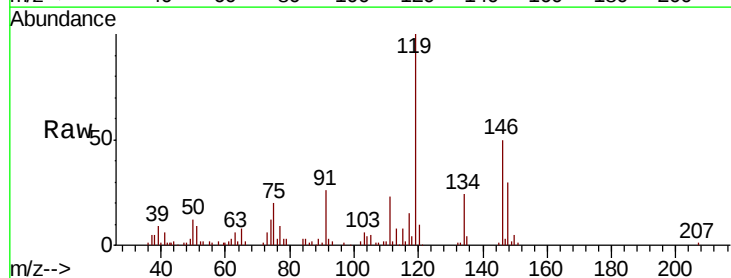
Instrument :
 MSVOA_N
 ClientSampled :

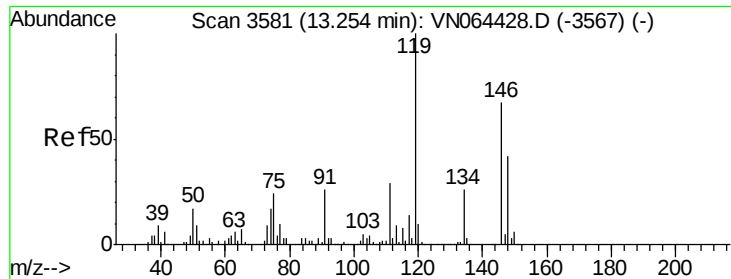
Tot Ion:105 Resp: 70353
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 4.474 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion:119 Resp: 60865
 Ion Ratio Lower Upper
 119 100
 134 23.7 12.6 37.6
 91 25.7 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 4.957 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN064426.D

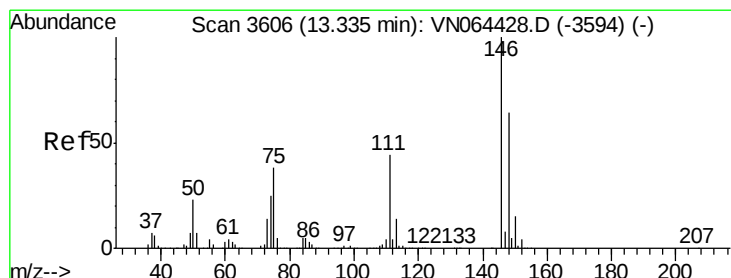
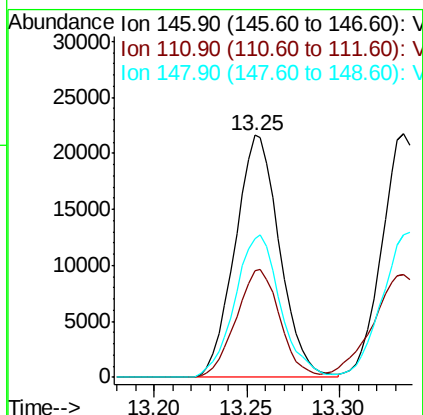
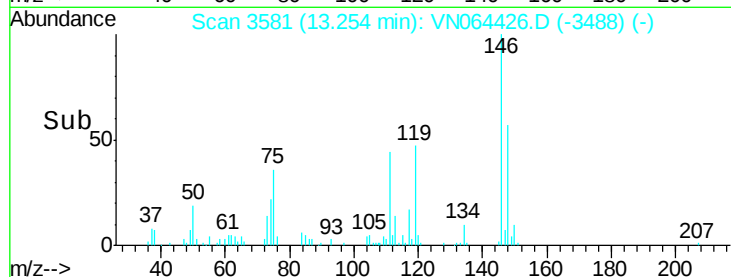
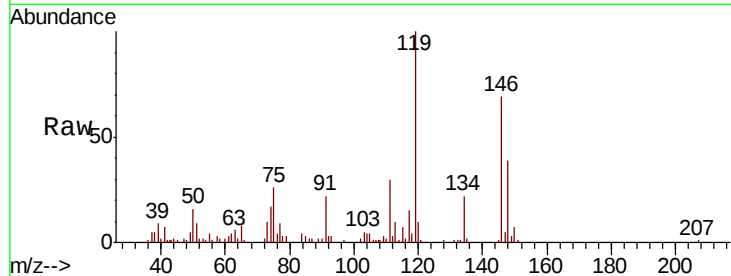
Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	146	Resp:	36023
Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.1	66.1
148	59.9	31.7	95.1



#88

1,4-Dichlorobenzene

Concen: 5.003 ug/l

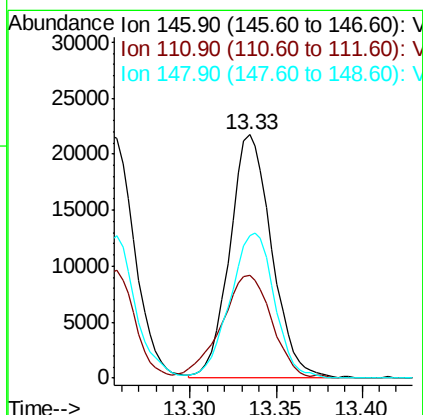
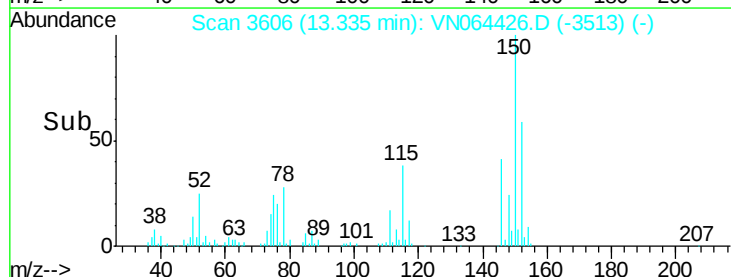
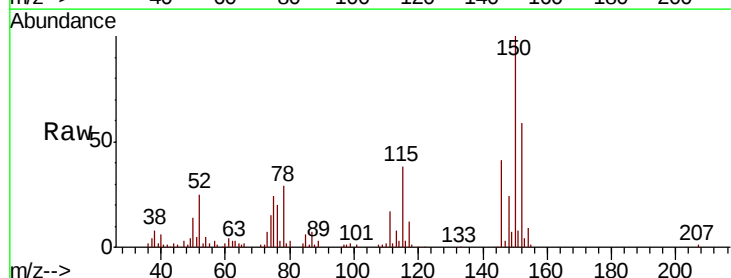
RT: 13.33 min Scan# 3606

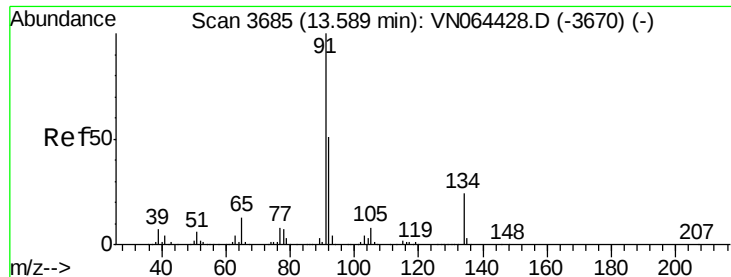
Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Tgt Ion:	146	Resp:	37035
Ion	Ratio	Lower	Upper
146	100		
111	51.4	21.8	65.3
148	63.1	32.4	97.2

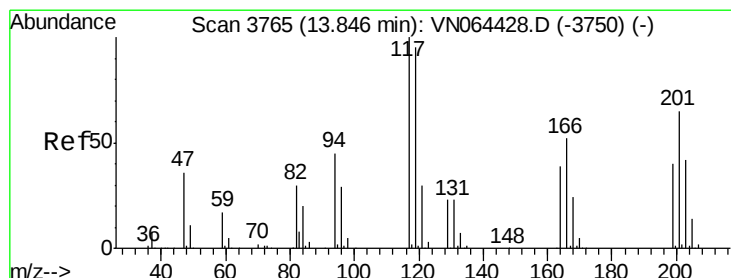
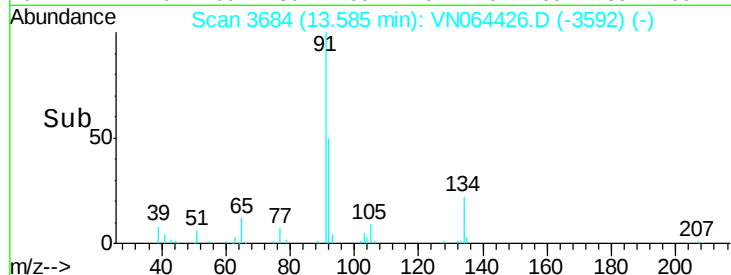
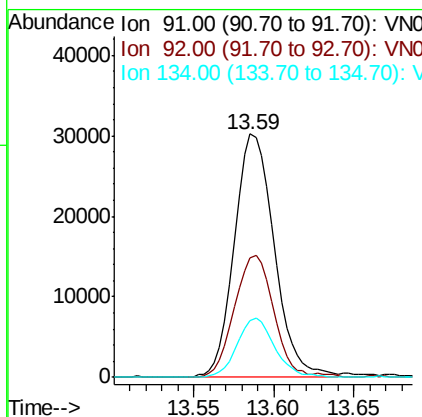
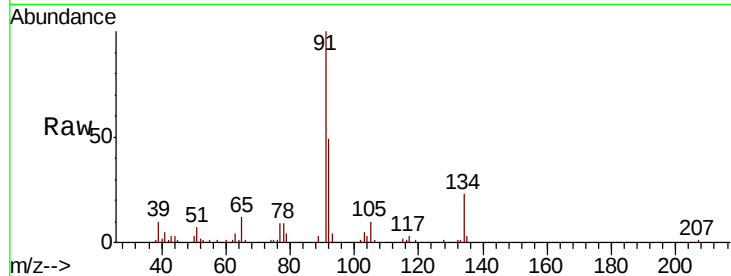




#89
n-Butylbenzene
Concen: 4.295 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

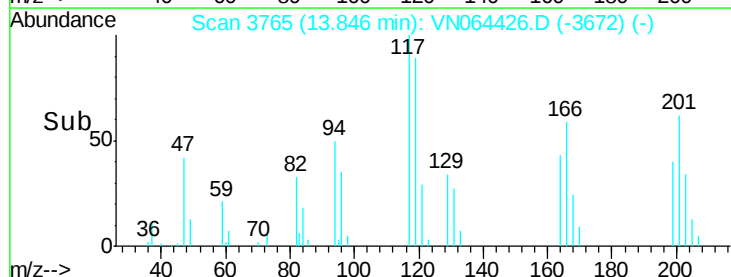
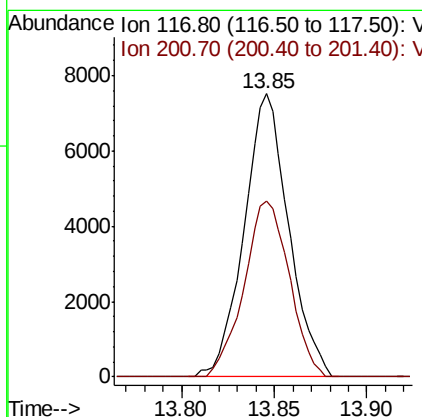
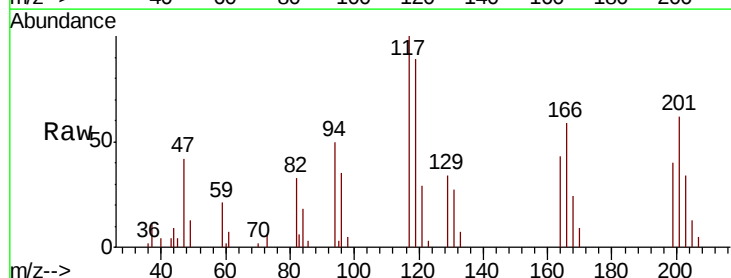
Instrument :
MSVOA_N
ClientSampled :

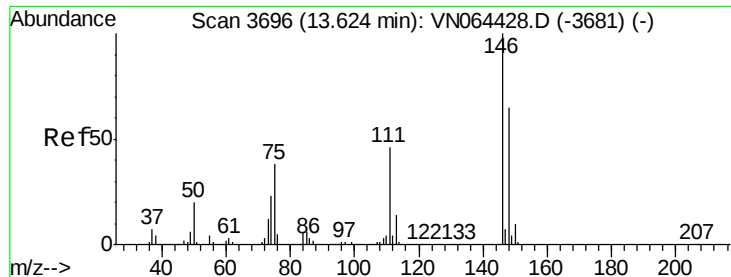
Tot Ion: 91 Resp: 51530
Ion Ratio Lower Upper
91 100
92 48.8 25.3 75.9
134 22.8 11.8 35.4



#90
Hexachloroethane
Concen: 4.939 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 117 Resp: 12542
Ion Ratio Lower Upper
117 100
201 62.9 32.5 97.5





#91

1,2-Dichlorobenzene

Concen: 4.974 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

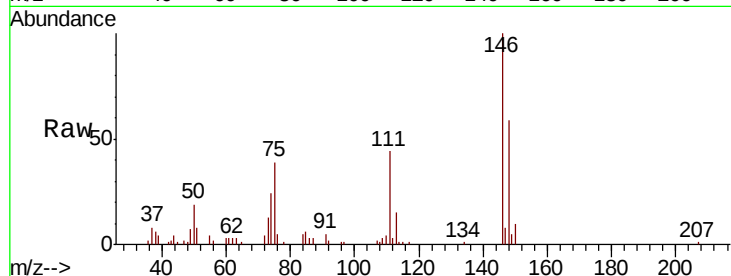
Tot Ion:146 Resp: 35951

Ion Ratio Lower Upper

146 100

111 45.4 22.9 68.7

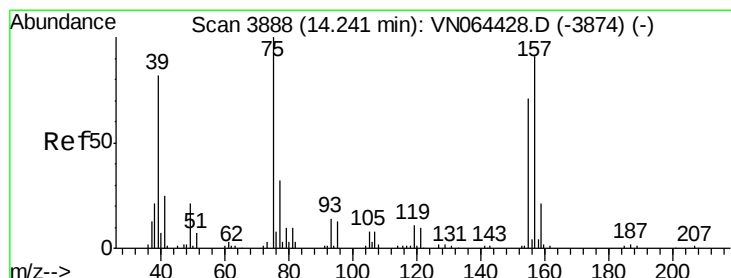
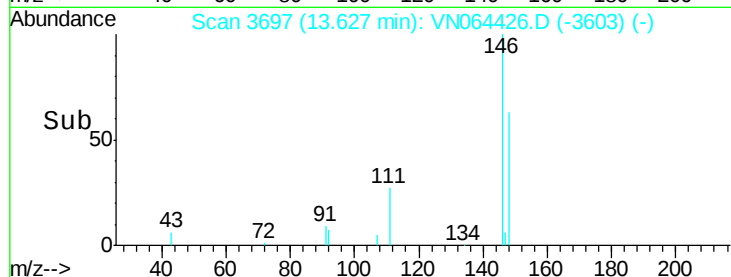
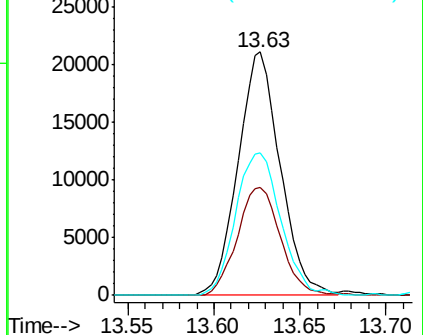
148 62.9 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.035 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

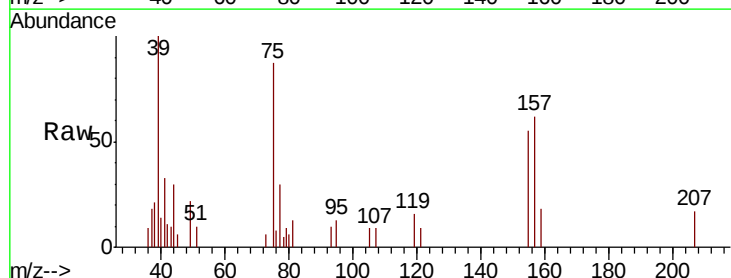
Tgt Ion: 75 Resp: 4809

Ion Ratio Lower Upper

75 100

155 60.9 34.6 103.9

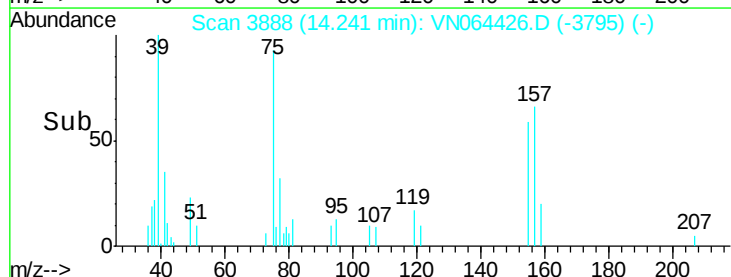
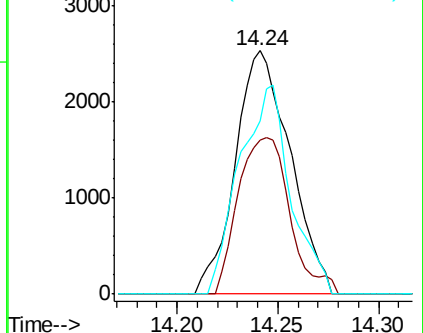
157 80.1 43.0 128.8

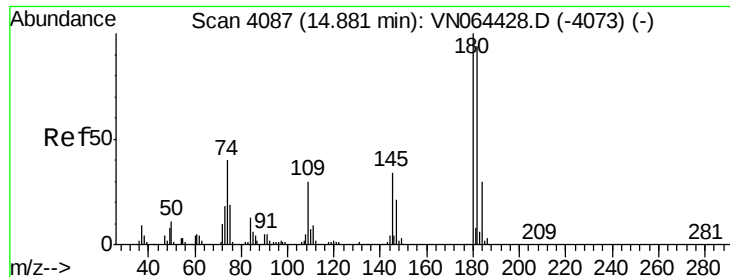


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

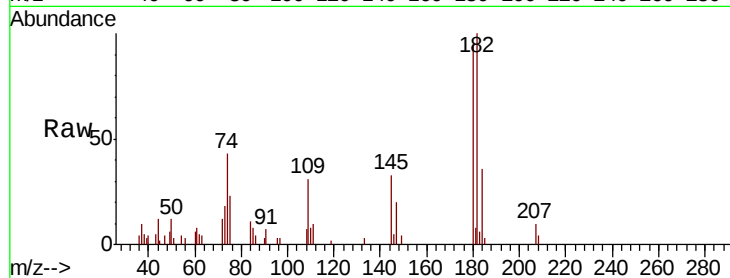




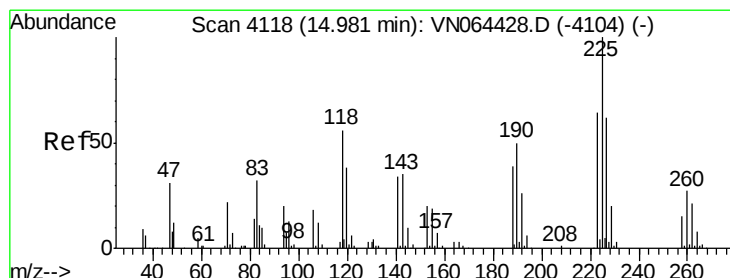
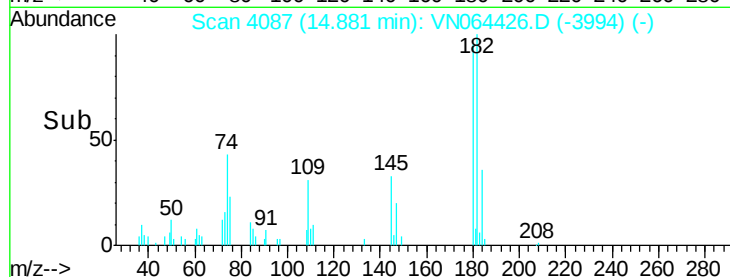
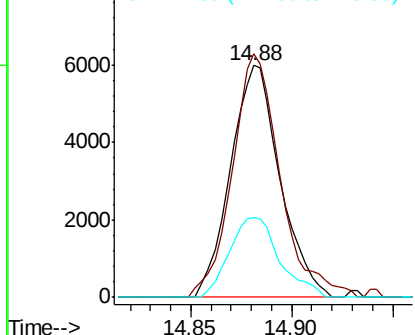
#93
 1,2,4-Trichlorobenzene
 Concen: 2.954 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 10263
 Ion Ratio Lower Upper
 180 100
 182 102.0 47.3 142.0
 145 35.0 16.7 50.1

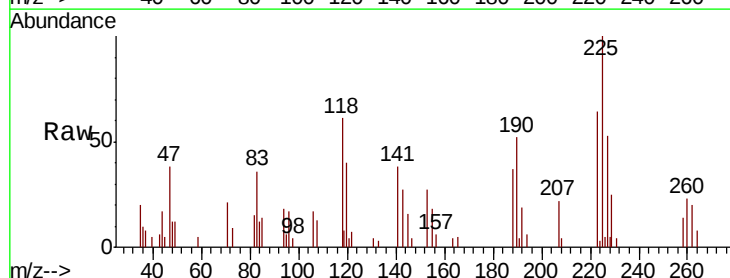


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

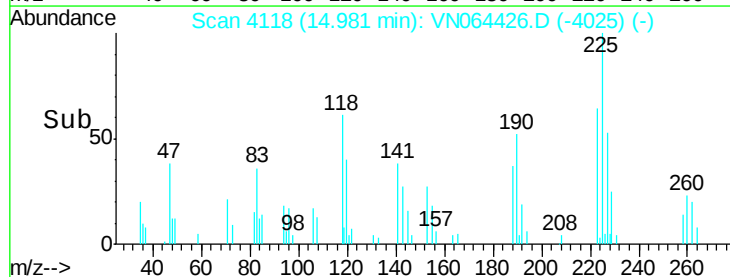
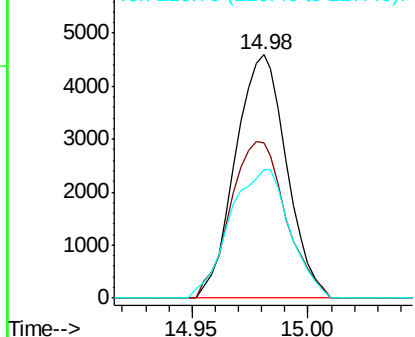


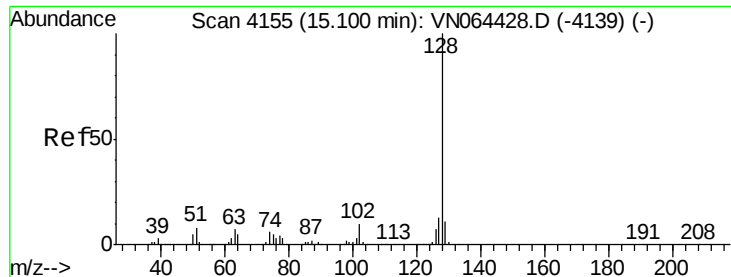
#94
 Hexachlorobutadiene
 Concen: 3.350 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion:225 Resp: 7028
 Ion Ratio Lower Upper
 225 100
 223 69.9 31.8 95.4
 227 62.0 31.8 95.4



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





#95

Naphthalene

Concen: 2.772 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

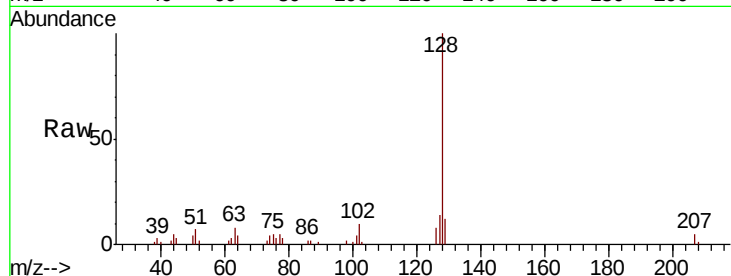
Tot Ion:128 Resp: 30170

Ion Ratio Lower Upper

128 100

127 14.2 10.5 15.7

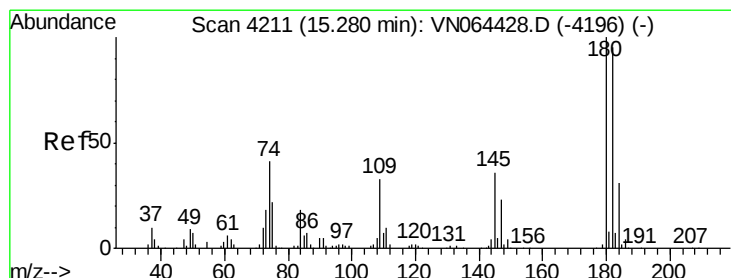
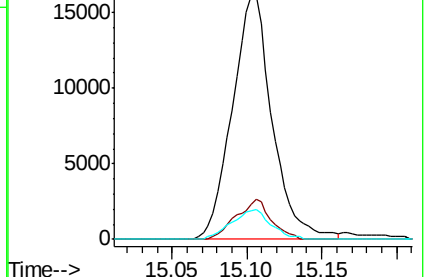
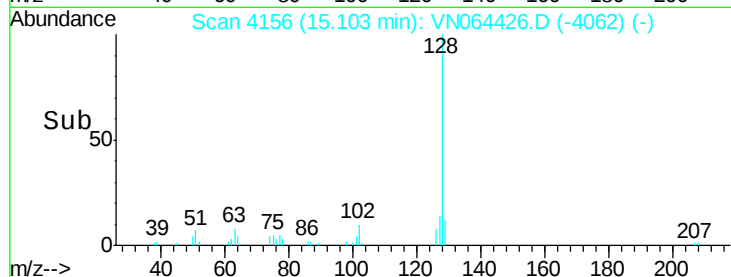
129 11.9 8.8 13.2



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: 3.340 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

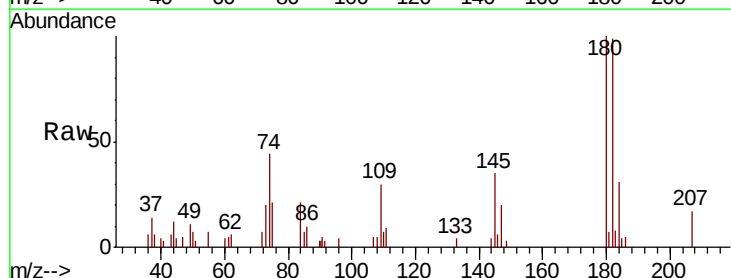
Tgt Ion:180 Resp: 11206

Ion Ratio Lower Upper

180 100

182 91.0 47.7 143.1

145 34.5 18.3 54.8



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

