

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120120\
 Data File : VN064876.D
 Acq On : 1 Dec 2020 12:30
 Operator : JC/MD
 Sample : VN1201WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Quant Time: Dec 02 00:15:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	209121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	319796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	291552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142646	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.98	65	114105	46.93	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.86%	
35) Dibromofluoromethane		7.55	113	98955	51.71	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.42%	
50) Toluene-d8		10.06	98	385066	49.25	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.50%	
62) 4-Bromofluorobenzene		12.38	95	133573	47.74	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	29863	16.477	ug/l	100
3) Chloromethane	2.04	50	37633	15.979	ug/l	98
4) Vinyl Chloride	2.16	62	39945	16.268	ug/l	97
5) Bromomethane	2.53	94	26608	16.516	ug/l	98
6) Chloroethane	2.67	64	25475	16.774	ug/l	99
7) Trichlorofluoromethane	2.99	101	59898	17.647	ug/l	100
8) Diethyl Ether	3.37	74	22515	16.805	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	37404	18.370	ug/l	99
10) Methyl Iodide	3.90	142	40157	15.205	ug/l	99
11) Tert butyl alcohol	4.76	59	31659	83.501	ug/l	97
12) 1,1-Dichloroethene	3.69	96	35317	17.416	ug/l	97
13) Acrolein	3.56	56	20073	86.675	ug/l	99
14) Allyl chloride	4.27	41	54821	16.391	ug/l	100
15) Acrylonitrile	4.93	53	94028	89.773	ug/l	98
16) Acetone	3.78	43	71470	89.428	ug/l	99
17) Carbon Disulfide	4.00	76	87766	16.766	ug/l	99
18) Methyl Acetate	4.28	43	43949	18.291	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	112301	17.267	ug/l	97
20) Methylene Chloride	4.50	84	42548	16.990	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	38313	17.013	ug/l	94
22) Diisopropyl ether	5.90	45	122901	18.359	ug/l	99
23) Vinyl Acetate	5.84	43	473231	88.398	ug/l	98
24) 1,1-Dichloroethane	5.79	63	70830	17.704	ug/l	98
25) 2-Butanone	6.79	43	114722	88.552	ug/l	99
26) 2,2-Dichloropropane	6.77	77	59632	17.185	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	44740	17.656	ug/l	98
28) Bromochloromethane	7.15	49	31924	17.442	ug/l	97
29) Tetrahydrofuran	7.17	42	79146	88.501	ug/l	98
30) Chloroform	7.32	83	73618	17.843	ug/l	98
31) Cyclohexane	7.61	56	57614	17.003	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	62093	17.523	ug/l	98
36) 1,1-Dichloropropene	7.75	75	52984	17.875	ug/l	99
37) Ethyl Acetate	6.88	43	50497	17.685	ug/l	98
38) Carbon Tetrachloride	7.73	117	55932	18.135	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	56708	17.771	ug/l	97
40) Benzene	8.00	78	163538	18.004	ug/l	99
41) Methacrylonitrile	7.12	41	22974	17.438	ug/l #	84
42) 1,2-Dichloroethane	8.08	62	54261	17.708	ug/l	99
43) Isopropyl Acetate	8.13	43	80847	17.596	ug/l	99
44) Trichloroethene	8.80	130	49109	18.324	ug/l	98
45) 1,2-Dichloropropane	9.08	63	43119	18.331	ug/l	97
46) Dibromomethane	9.17	93	28803	18.329	ug/l	98
47) Bromodichloromethane	9.37	83	58097	18.373	ug/l	98
48) Methyl methacrylate	9.16	41	39756	18.108	ug/l	100
49) 1,4-Dioxane	9.16	88	14865	358.242	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	252452	91.524	ug/l	99
52) Toluene	10.12	92	103819	18.559	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61449	17.448	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	68790	18.223	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	41598	18.084	ug/l	97
56) Ethyl methacrylate	10.40	69	55481	17.478	ug/l	98
57) 1,3-Dichloropropane	10.68	76	70609	18.608	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	156615	89.696	ug/l	100
59) 2-Hexanone	10.72	43	178903	90.122	ug/l	99
60) Dibromochloromethane	10.87	129	45461	17.780	ug/l	97
61) 1,2-Dibromoethane	10.98	107	42564	18.213	ug/l	100
64) Tetrachloroethene	10.60	164	56026	19.752	ug/l	98
65) Chlorobenzene	11.41	112	114084	18.221	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	43200	18.775	ug/l	100
67) Ethyl Benzene	11.48	91	188546	18.026	ug/l	99
68) m/p-Xylenes	11.59	106	147350	37.209	ug/l	98
69) o-Xylene	11.92	106	68271	18.168	ug/l	97
70) Styrene	11.94	104	119022	18.762	ug/l	99
71) Bromoform	12.10	173	31826	17.318	ug/l #	100
73) Isopropylbenzene	12.22	105	184705	18.616	ug/l	100
74) N-amyl acetate	12.05	43	67360	17.251	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	51605	17.745	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	75826	24.683	ug/l #	100
77) Bromobenzene	12.50	156	48961	18.303	ug/l	98
78) n-propylbenzene	12.57	91	209949	18.574	ug/l	99
79) 2-Chlorotoluene	12.65	91	129013	18.465	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	156599	18.988	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	19349	17.263	ug/l	97
82) 4-Chlorotoluene	12.75	91	135267	18.470	ug/l	99
83) tert-Butylbenzene	12.97	119	128764	18.627	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	159726	19.155	ug/l	100
85) sec-Butylbenzene	13.14	105	173826	18.939	ug/l	100
86) p-Isopropyltoluene	13.26	119	159102	19.040	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	87495	18.410	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	88859	17.680	ug/l	99
89) n-Butylbenzene	13.59	91	130544	17.789	ug/l	99
90) Hexachloroethane	13.85	117	27369	18.854	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	85084	18.233	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	11306	17.278	ug/l	96

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

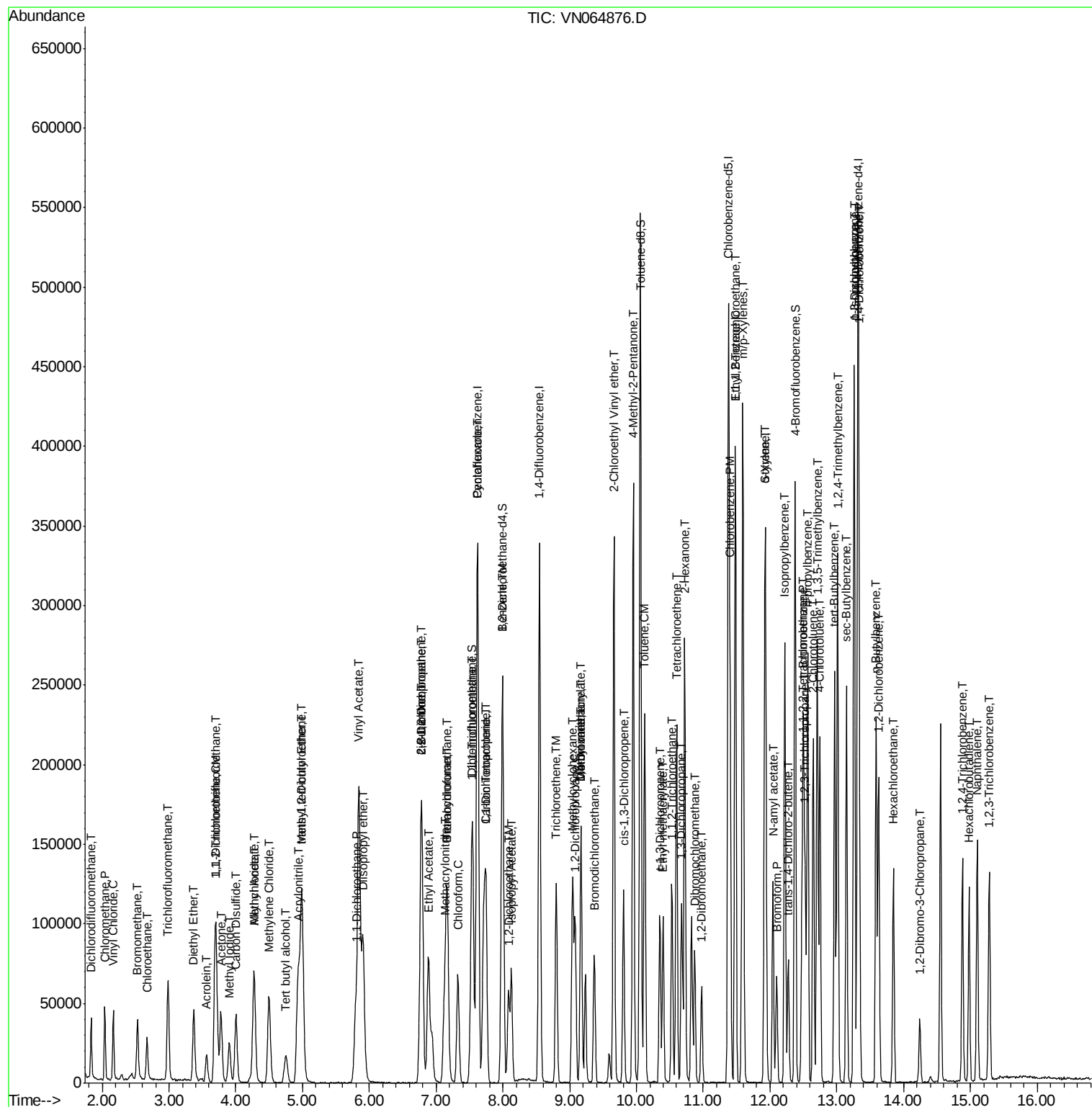
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47479	16.447	ug/l	98
94) Hexachlorobutadiene	14.98	225	25193	19.608	ug/l	98
95) Naphthalene	15.10	128	132898	15.367	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	46089	17.725	ug/l	99

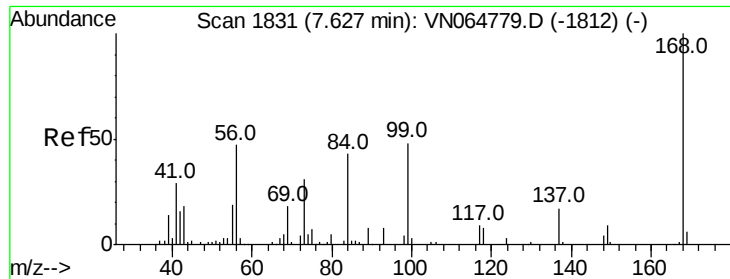
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

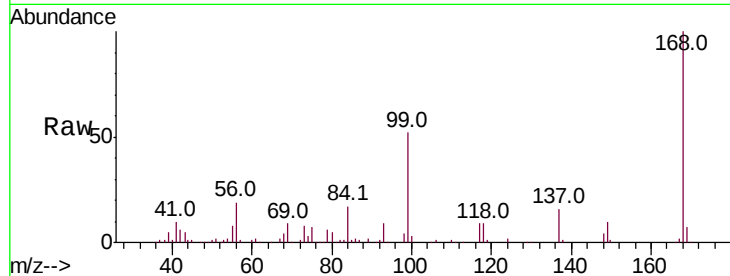
VN1201WBS01

Tot Ion:168 Resp: 209121

Ion Ratio Lower Upper

168 100

99 52.1 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

60000

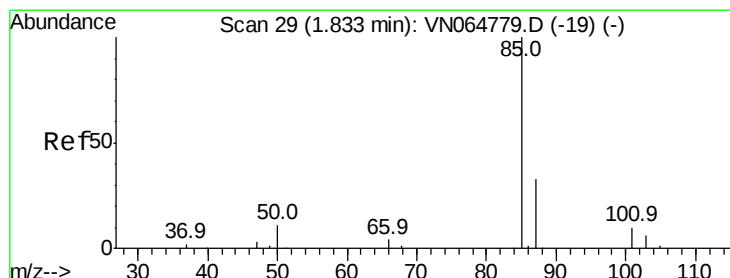
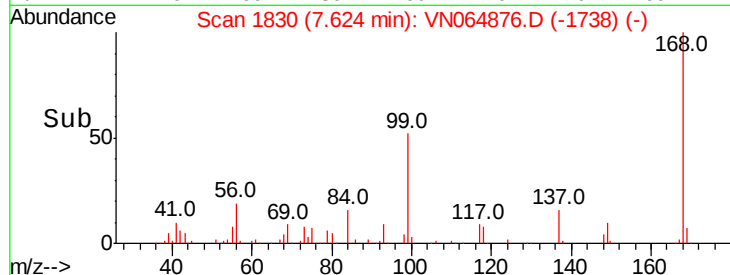
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 16.477 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064876.D

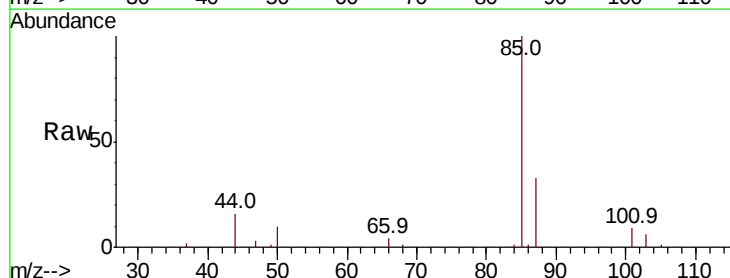
Acq: 1 Dec 2020 12:30

Tgt Ion: 85 Resp: 29863

Ion Ratio Lower Upper

85 100

87 33.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

15000

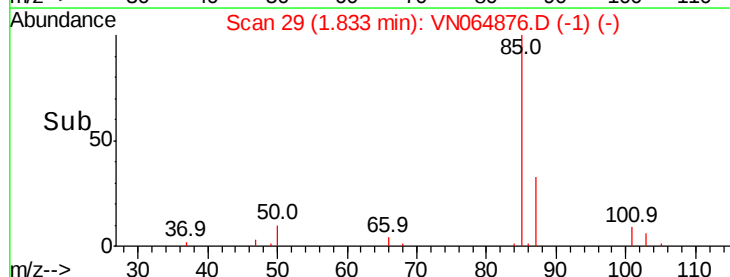
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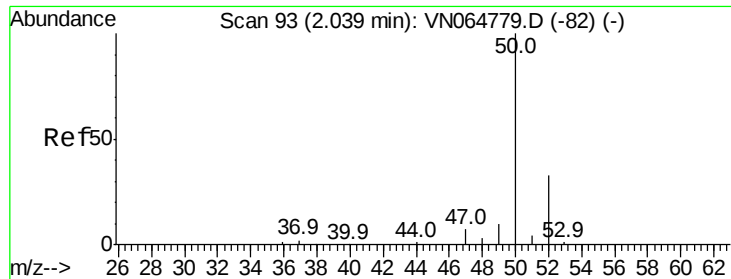
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 15.979 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

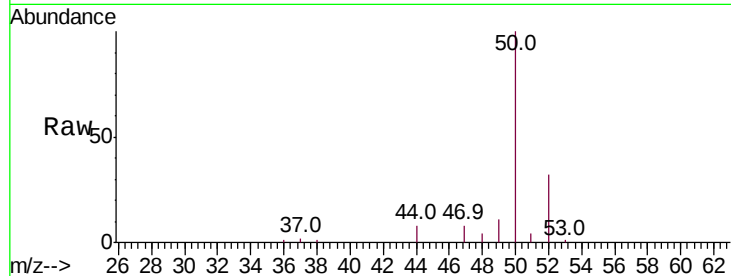
VN1201WBS01

Tot Ion: 50 Resp: 37633

Ion Ratio Lower Upper

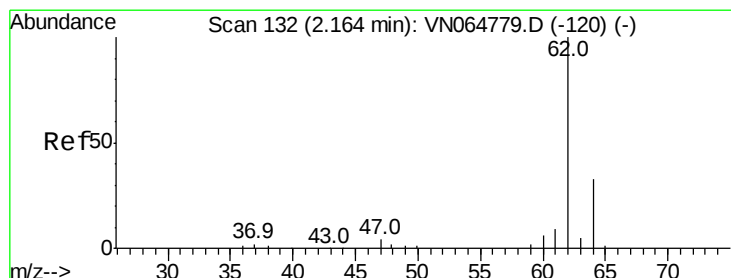
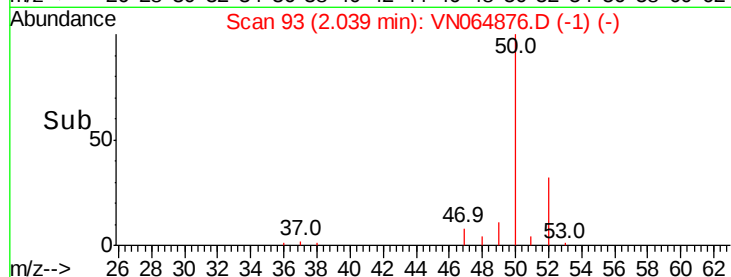
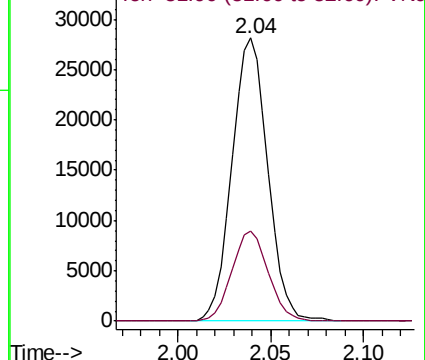
50 100

52 31.8 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 16.268 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064876.D

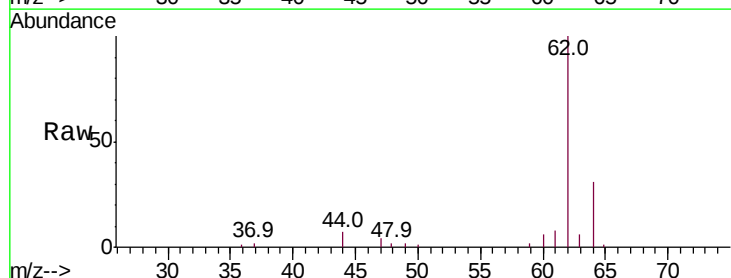
Acq: 1 Dec 2020 12:30

Tgt Ion: 62 Resp: 39945

Ion Ratio Lower Upper

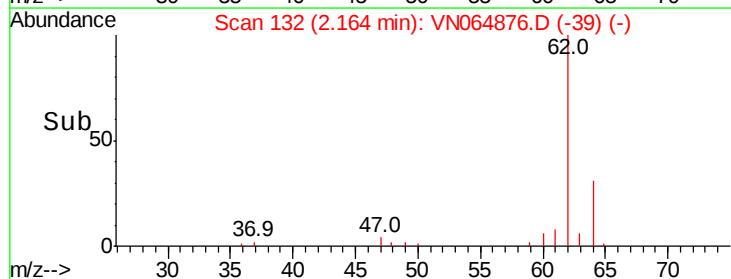
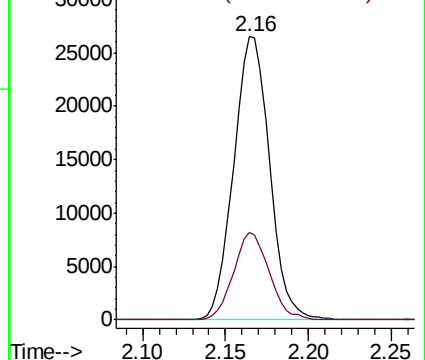
62 100

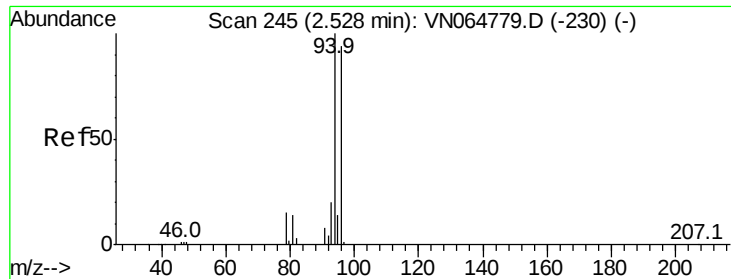
64 31.1 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 16.516 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

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ClientSampleId :

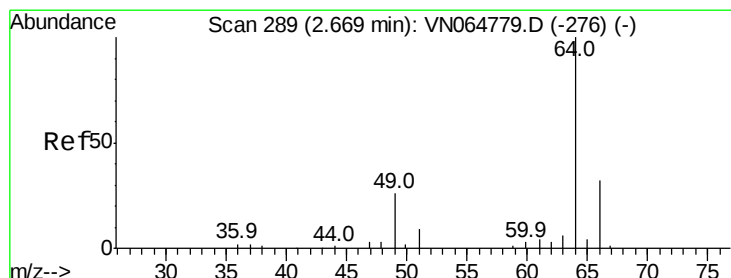
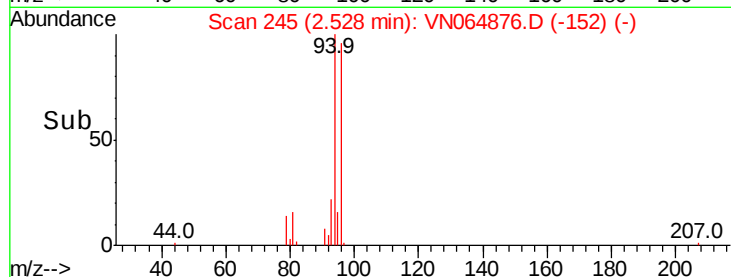
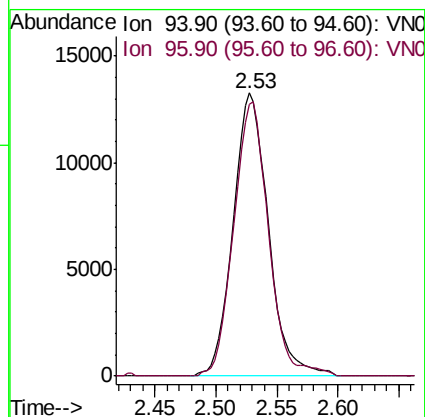
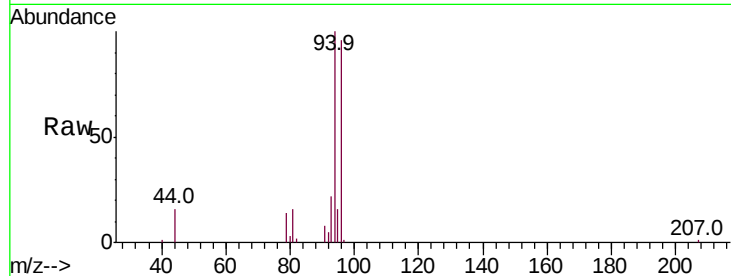
VN1201WBS01

Tot Ion: 94 Resp: 26608

Ion Ratio Lower Upper

94 100

96 95.9 75.4 113.0



#6

Chloroethane

Concen: 16.774 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064876.D

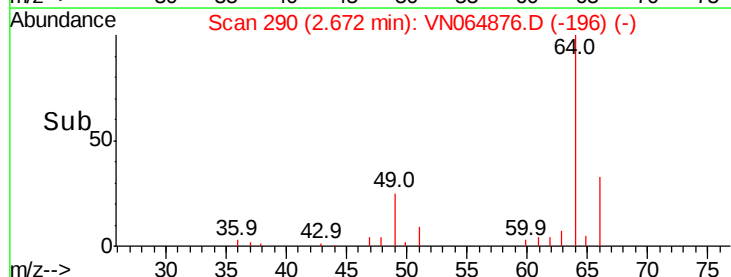
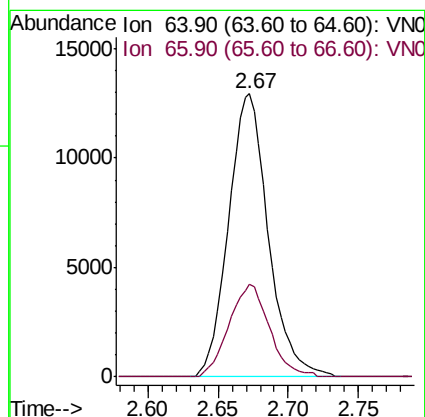
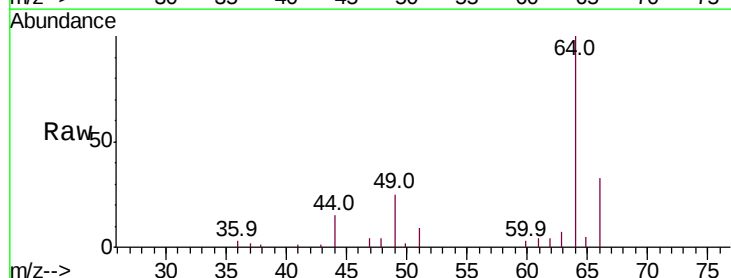
Acq: 1 Dec 2020 12:30

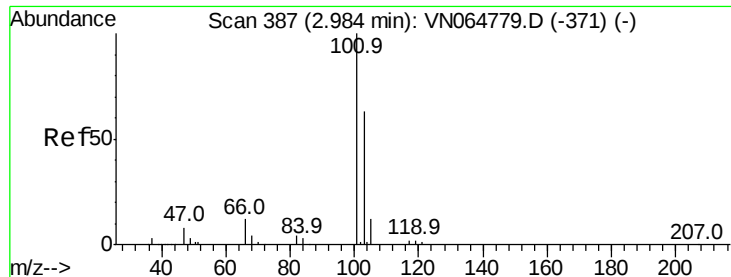
Tgt Ion: 64 Resp: 25475

Ion Ratio Lower Upper

64 100

66 32.8 25.6 38.4



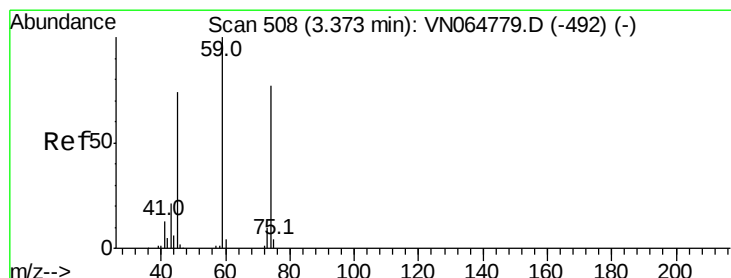
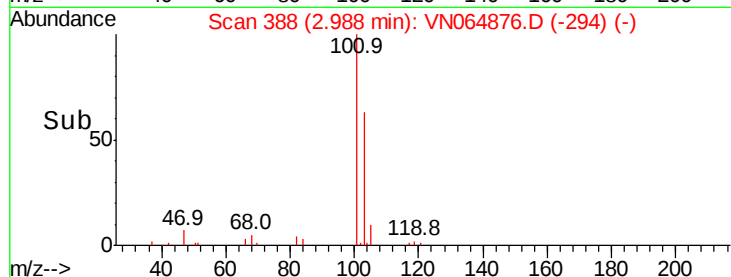
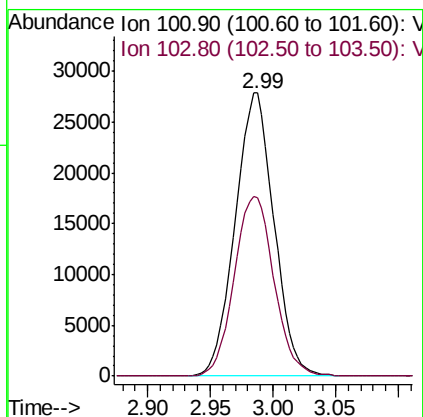
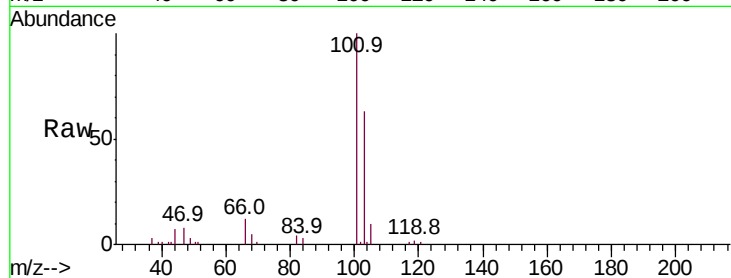


#7

Trichlorofluoromethane
Concen: 17.647 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
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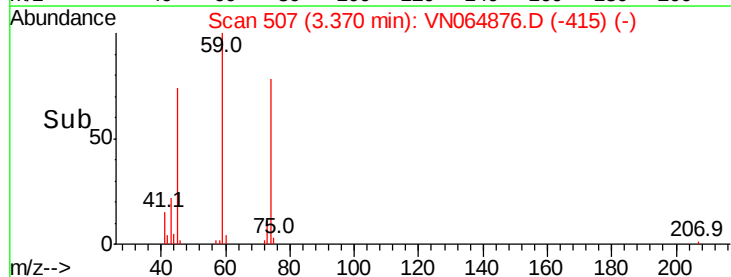
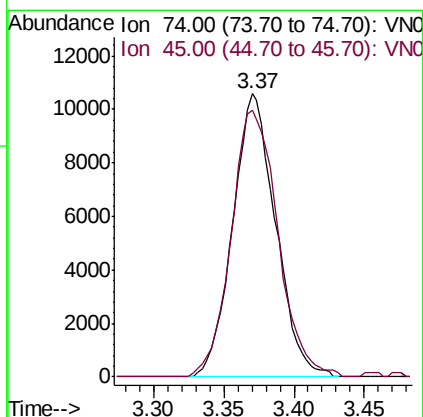
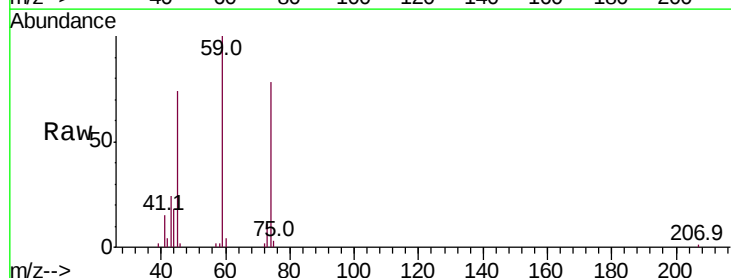
Tot Ion:101 Resp: 59898
Ion Ratio Lower Upper
101 100
103 62.8 50.5 75.7

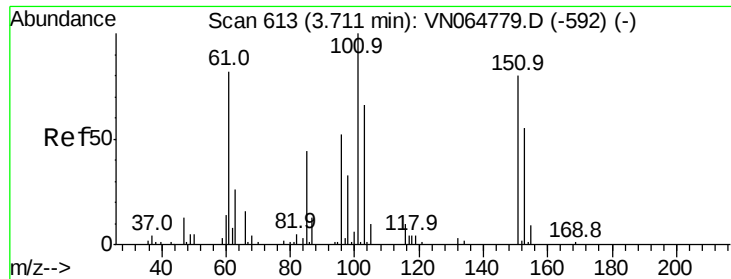


#8

Diethyl Ether
Concen: 16.805 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 74 Resp: 22515
Ion Ratio Lower Upper
74 100
45 102.5 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.370 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

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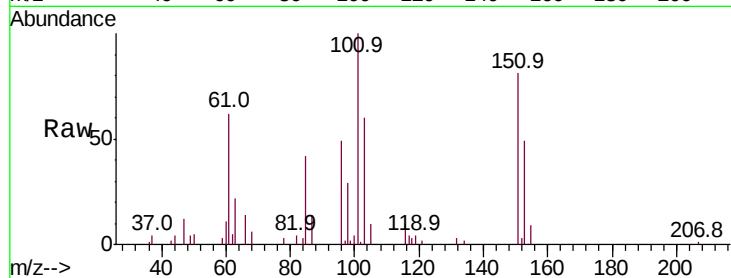
Tot Ion:101 Resp: 37404

Ion Ratio Lower Upper

101 100

85 42.7 34.4 51.6

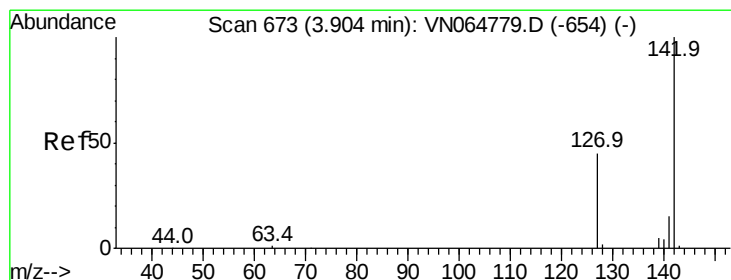
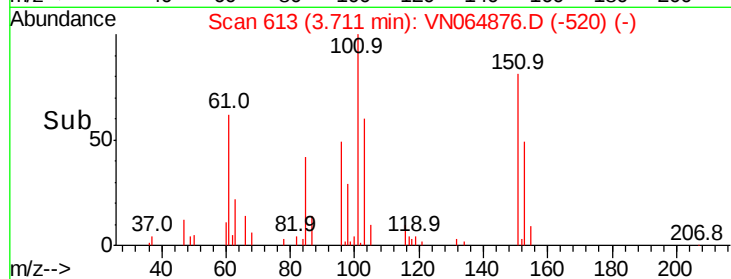
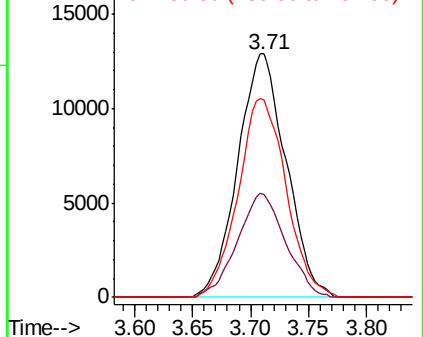
151 81.1 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.205 ug/l

RT: 3.90 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

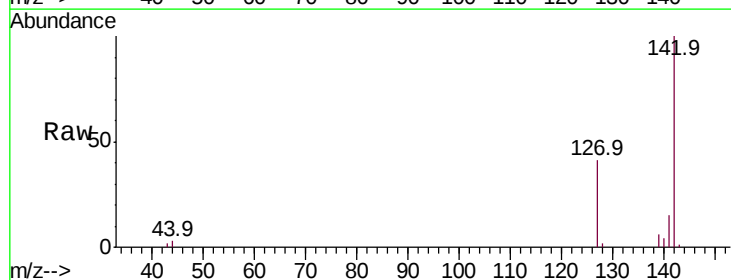
Tgt Ion:142 Resp: 40157

Ion Ratio Lower Upper

142 100

127 43.0 35.0 52.6

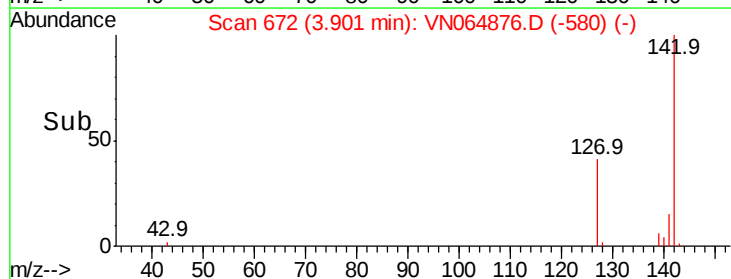
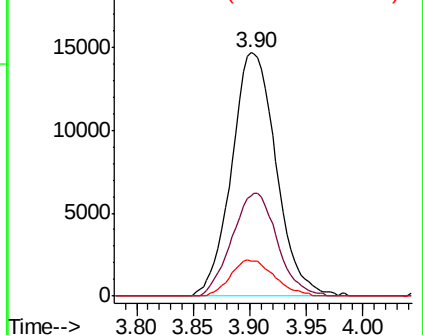
141 14.7 11.8 17.6

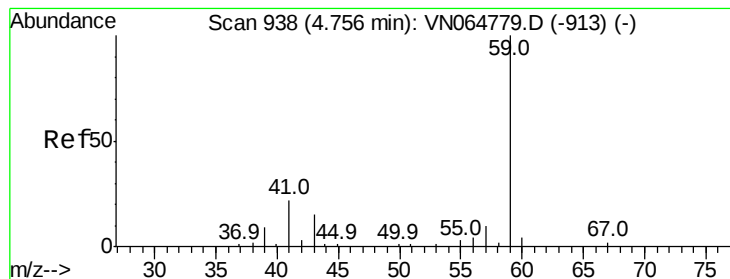


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 83.501 ug/l

RT: 4.76 min Scan# 938

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

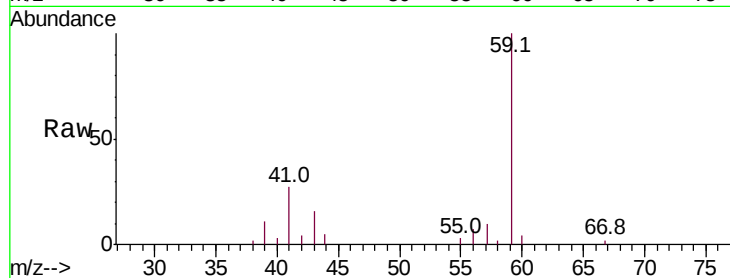
VN1201WBS01

Tot Ion: 59 Resp: 31659

Ion Ratio Lower Upper

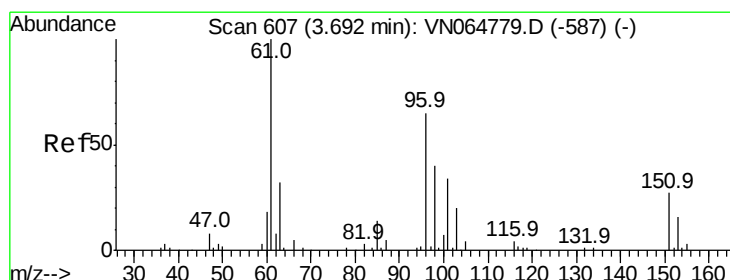
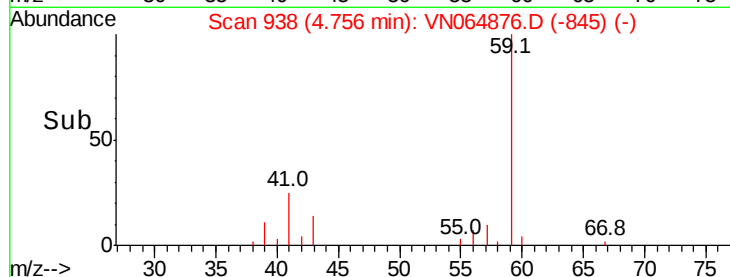
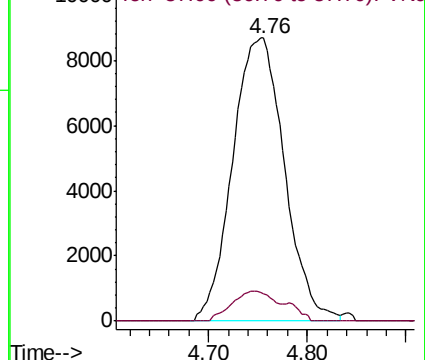
59 100

57 8.7 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 17.416 ug/l

RT: 3.69 min Scan# 606

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

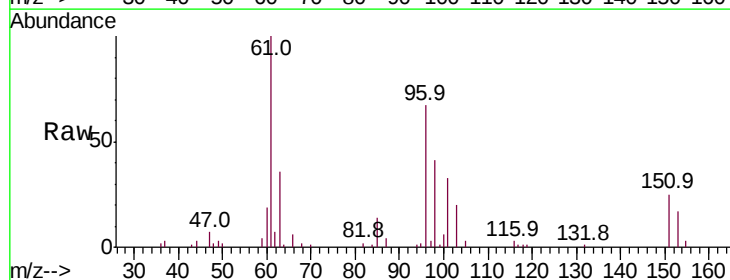
Tgt Ion: 96 Resp: 35317

Ion Ratio Lower Upper

96 100

61 149.4 123.4 185.2

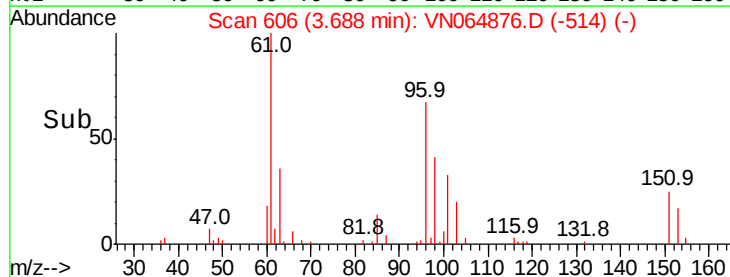
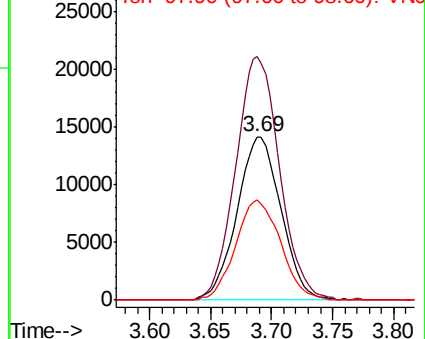
98 61.2 49.8 74.8

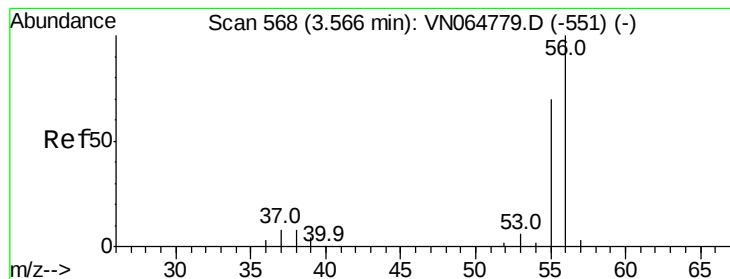


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 86.675 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

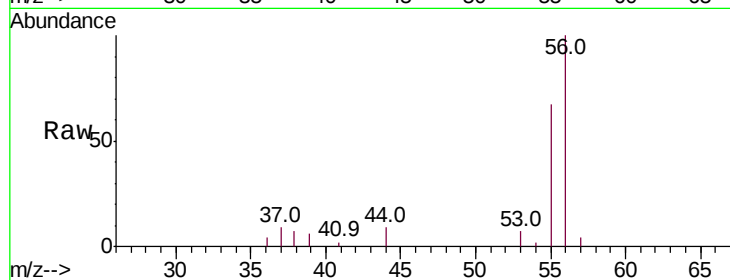
VN1201WBS01

Tot Ion: 56 Resp: 20073

Ion Ratio Lower Upper

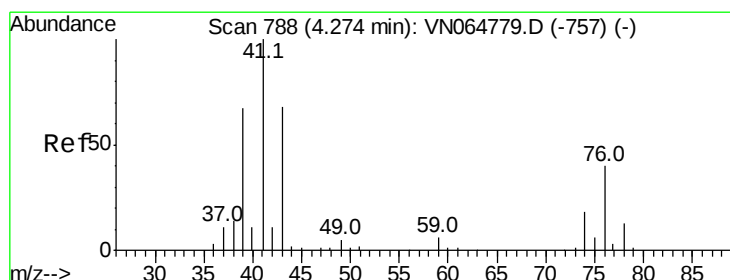
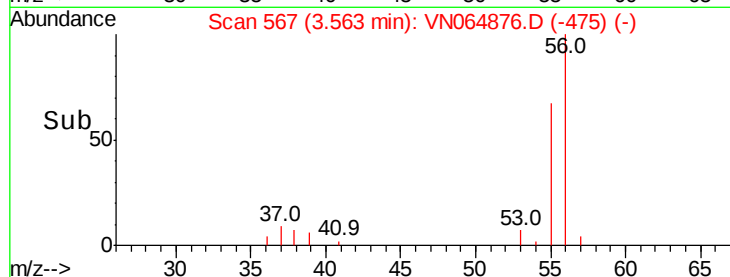
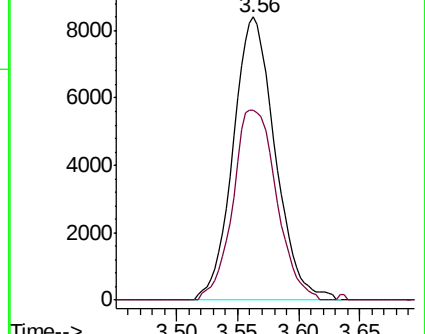
56 100

55 69.5 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 16.391 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

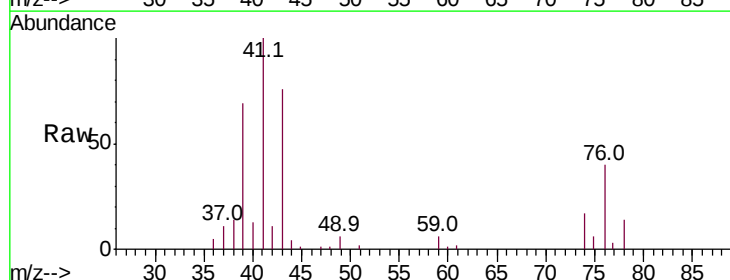
Tgt Ion: 41 Resp: 54821

Ion Ratio Lower Upper

41 100

39 63.5 50.9 76.3

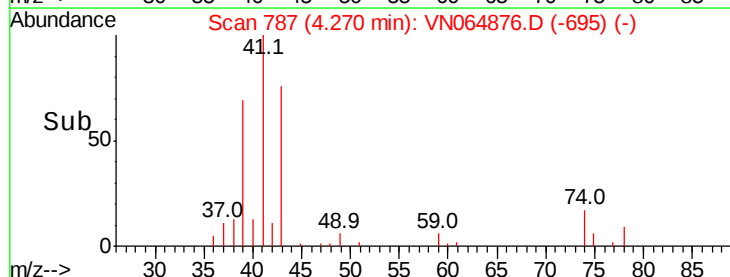
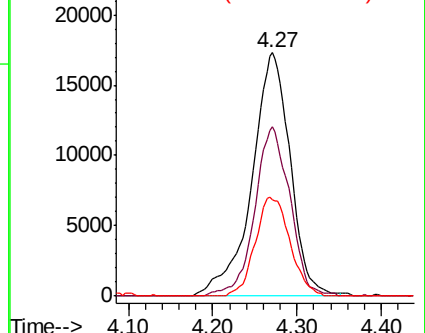
76 36.6 29.0 43.4

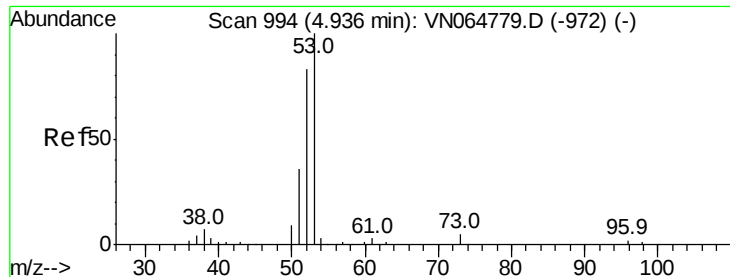


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 89.773 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBS01

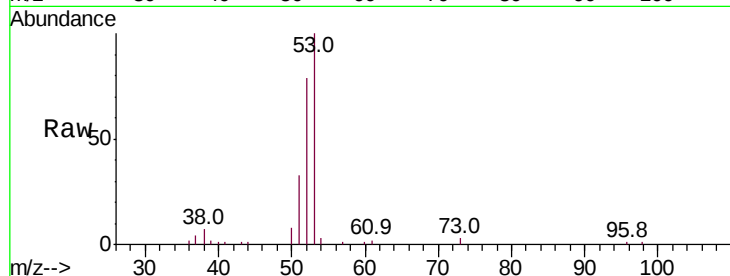
Tot Ion: 53 Resp: 94028

Ion Ratio Lower Upper

53 100

52 80.5 65.5 98.3

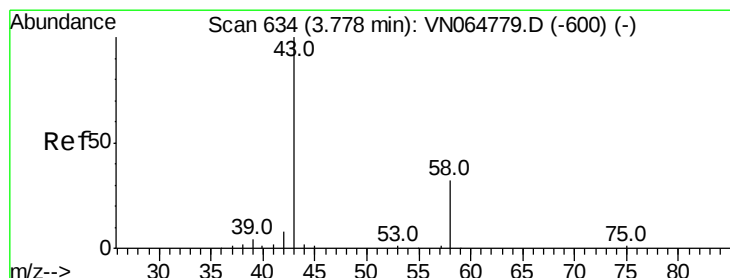
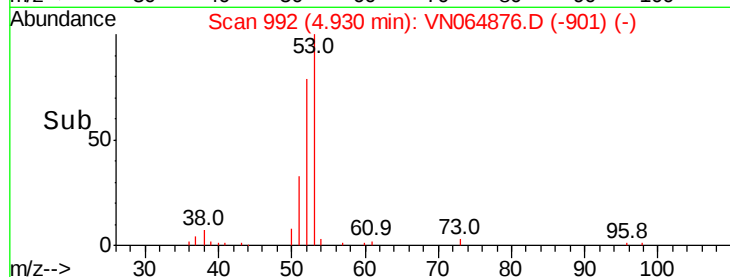
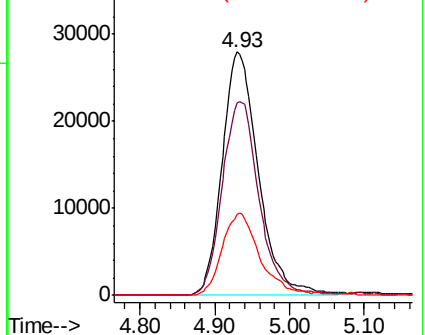
51 34.9 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 89.428 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064876.D

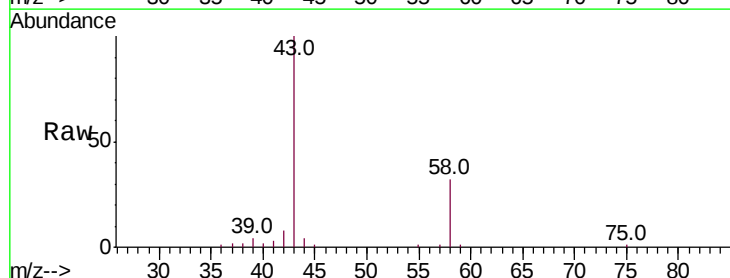
Acq: 1 Dec 2020 12:30

Tgt Ion: 43 Resp: 71470

Ion Ratio Lower Upper

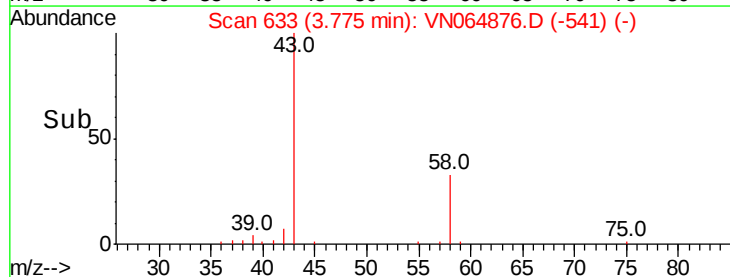
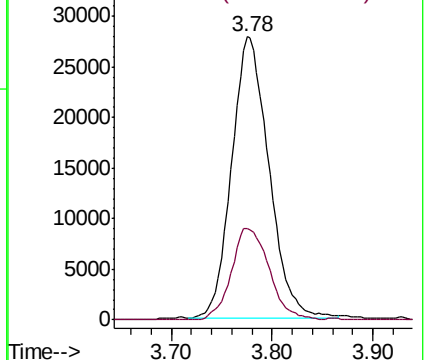
43 100

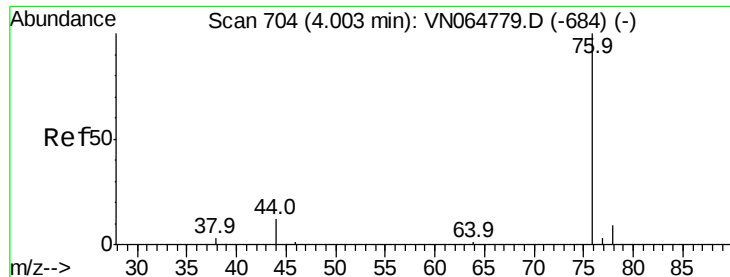
58 32.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

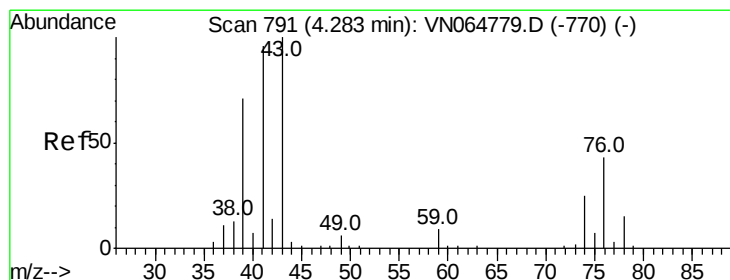
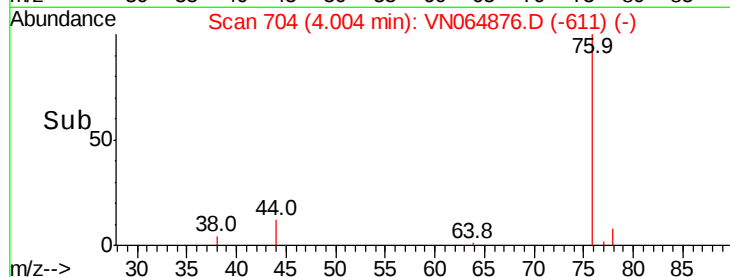
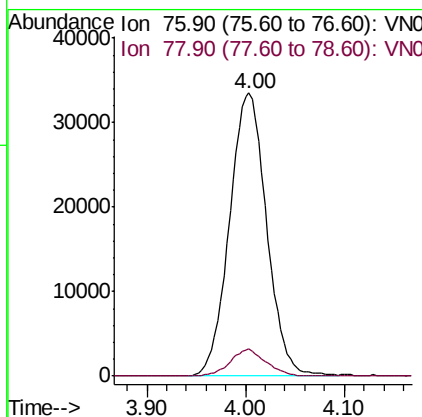
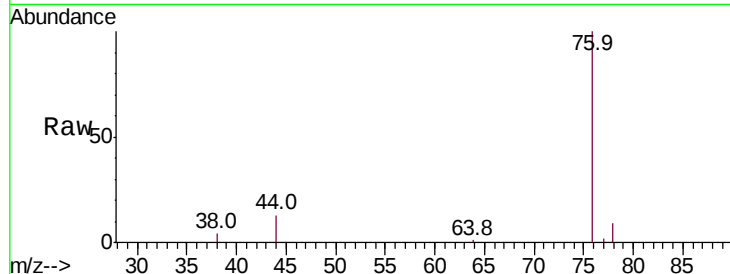




#17
Carbon Disulfide
Concen: 16.766 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

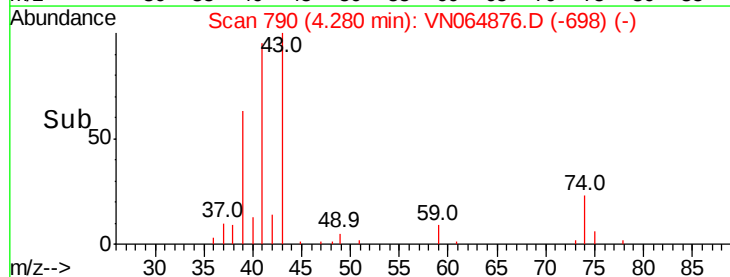
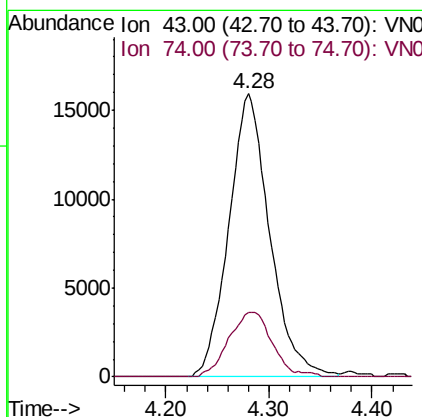
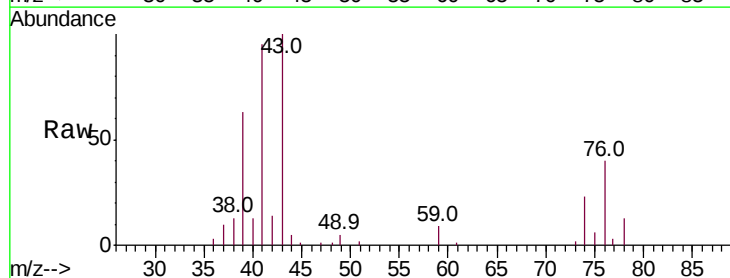
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

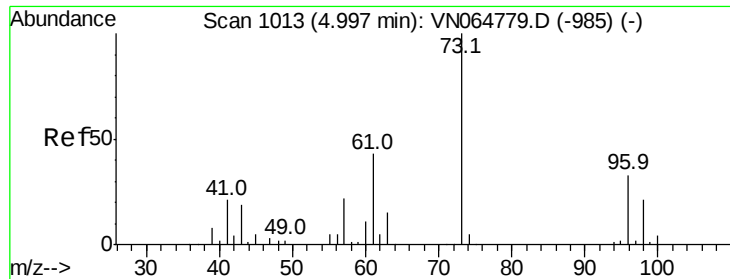
Tot Ion: 76 Resp: 87766
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 18.291 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 43 Resp: 43949
Ion Ratio Lower Upper
43 100
74 24.4 20.2 30.2

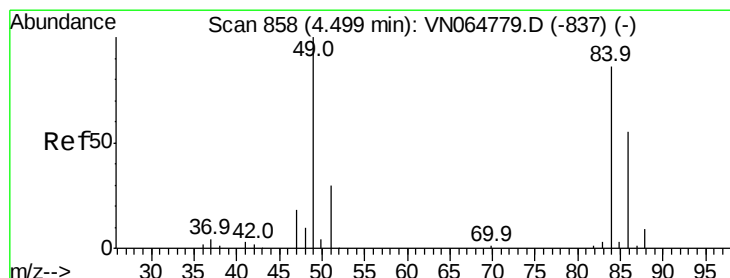
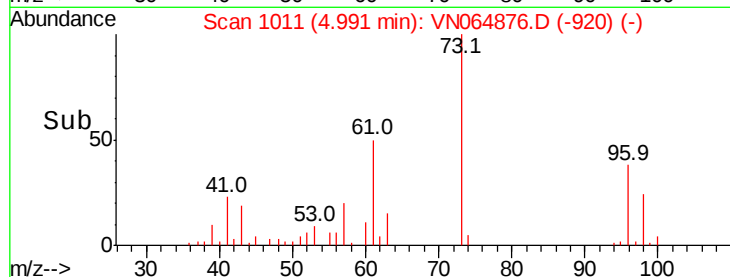
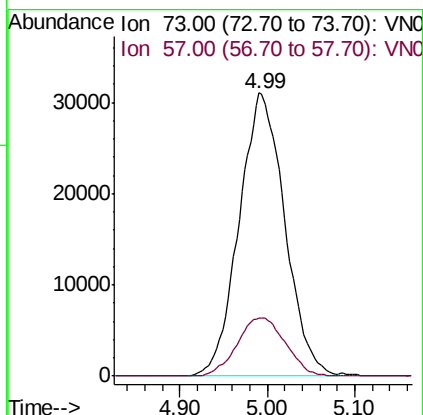
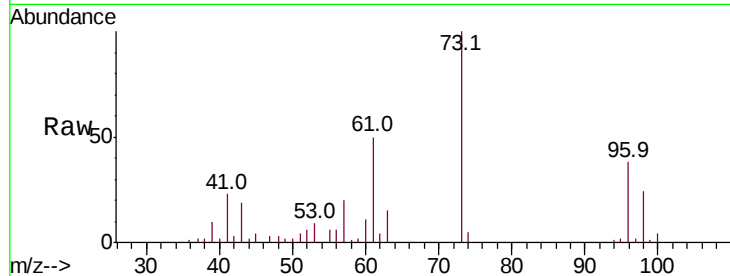




#19
Methyl tert-butyl Ether
Concen: 17.267 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

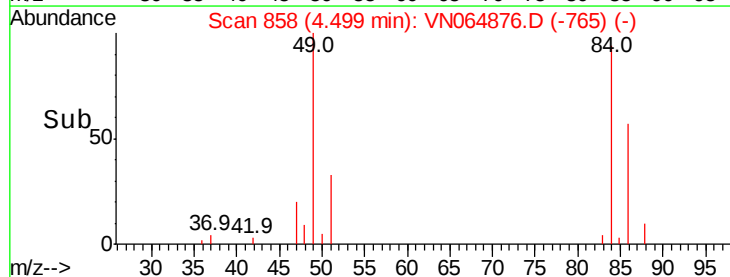
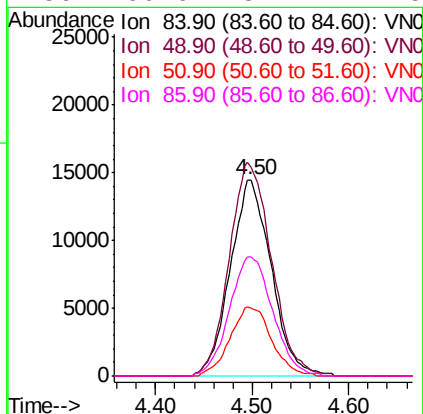
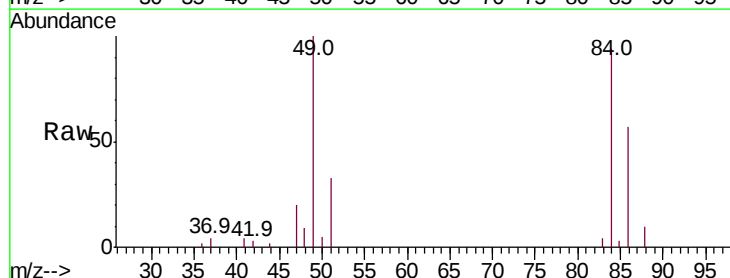
Instrument :
MSVOA_N
ClientSampled :
VN1201WBS01

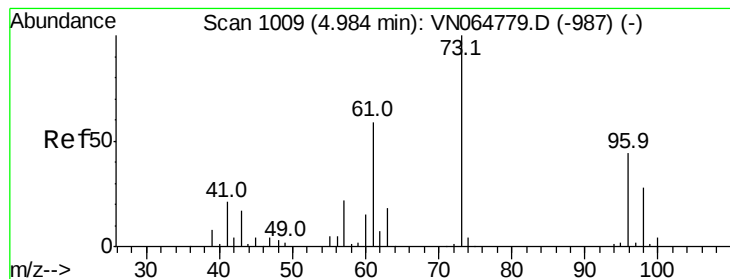
Tot Ion: 73 Resp: 112301
Ion Ratio Lower Upper
73 100
57 20.4 17.4 26.0



#20
Methylene Chloride
Concen: 16.990 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 84 Resp: 42548
Ion Ratio Lower Upper
84 100
49 106.5 93.4 140.0
51 34.9 28.2 42.4
86 60.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 17.013 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampled :

VN1201WBS01

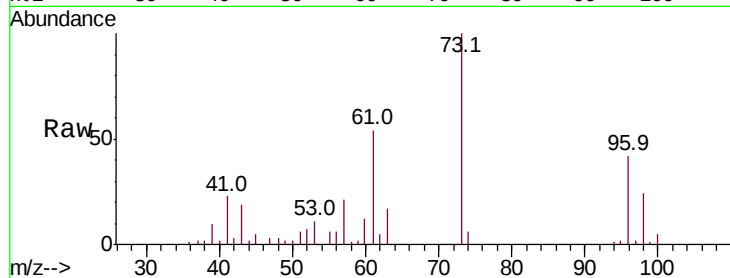
Tot Ion: 96 Resp: 38313

Ion Ratio Lower Upper

96 100

61 129.5 108.4 162.6

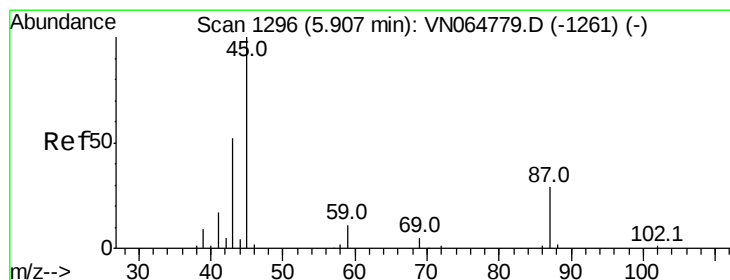
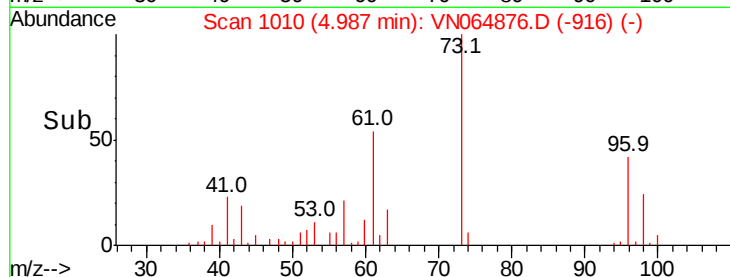
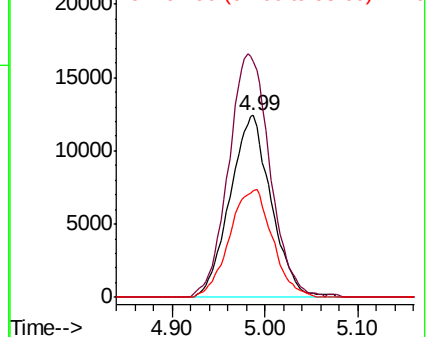
98 58.6 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-987) (-)



#22

Diisopropyl ether

Concen: 18.359 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Tgt Ion: 45 Resp: 122901

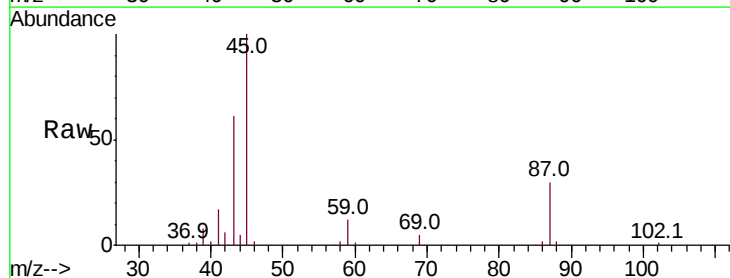
Ion Ratio Lower Upper

45 100

43 58.7 46.2 69.2

87 29.6 24.1 36.1

59 12.0 9.0 13.4

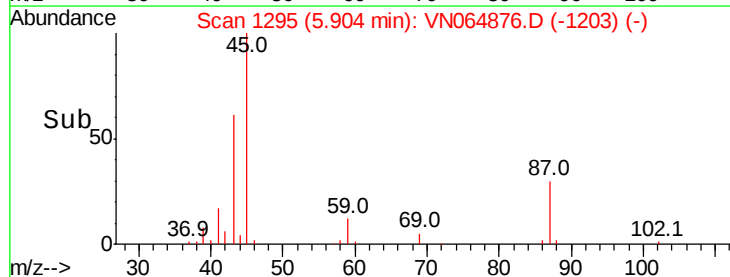
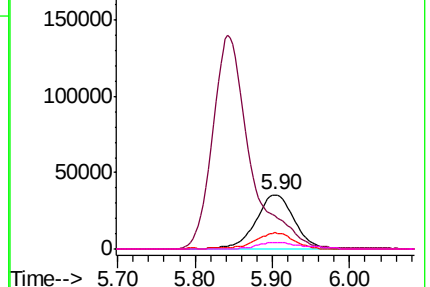


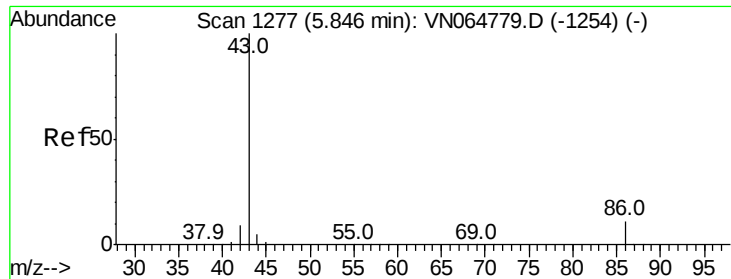
Abundance Ion 45.00 (44.70 to 45.70): VN064779.D (-1261) (-)

Ion 43.00 (42.70 to 43.70): VN064779.D (-1261) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1261) (-)

Ion 59.00 (58.70 to 59.70): VN064779.D (-1261) (-)





#23

Vinyl Acetate

Concen: 88.398 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

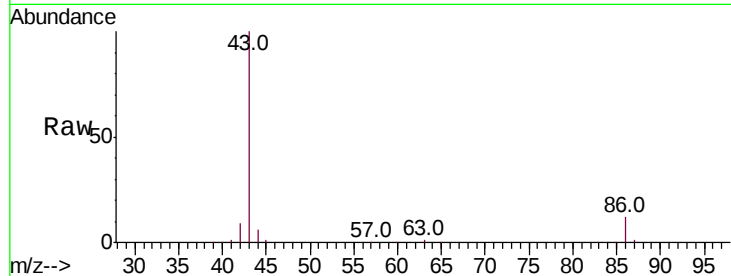
VN1201WBS01

Tot Ion: 43 Resp: 473231

Ion Ratio Lower Upper

43 100

86 11.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN064779.D (-1254) (-)

5.84

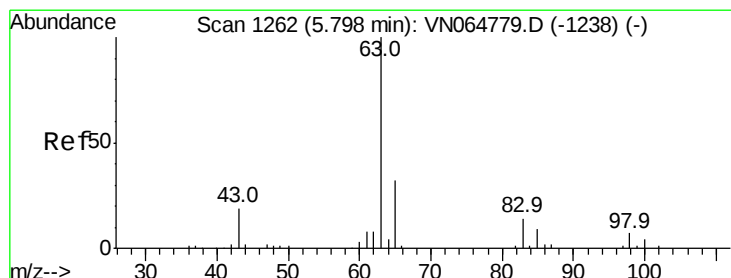
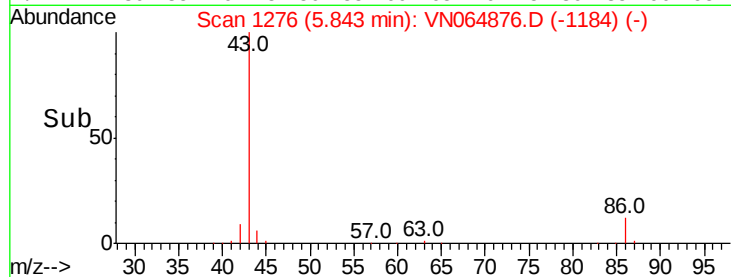
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 17.704 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

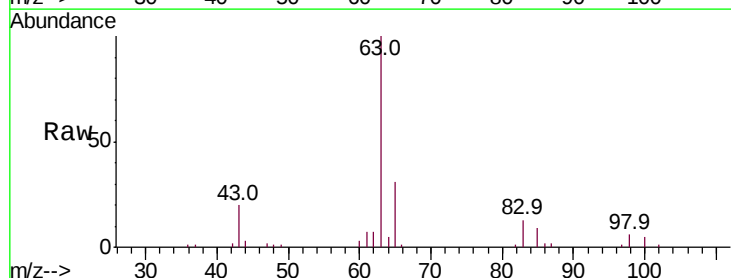
Tgt Ion: 63 Resp: 70830

Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.5

100 4.5 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN064779.D (-1238) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1238) (-)

Ion 99.90 (99.60 to 100.60): VN064779.D (-1238) (-)

5.79

30000

25000

20000

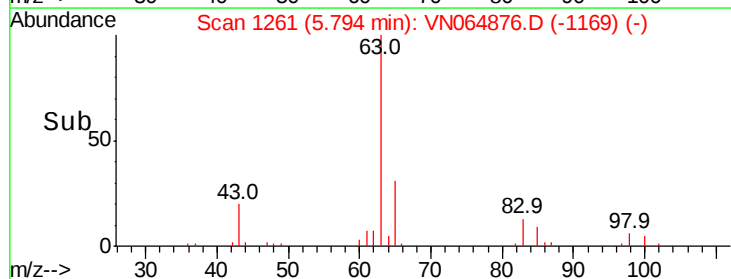
15000

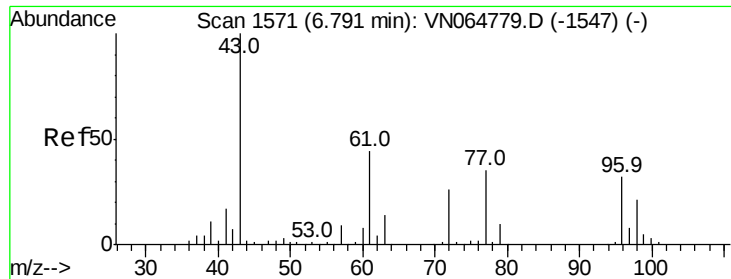
10000

5000

0

Time-->

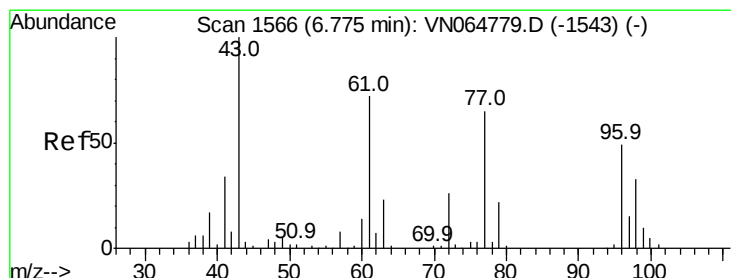
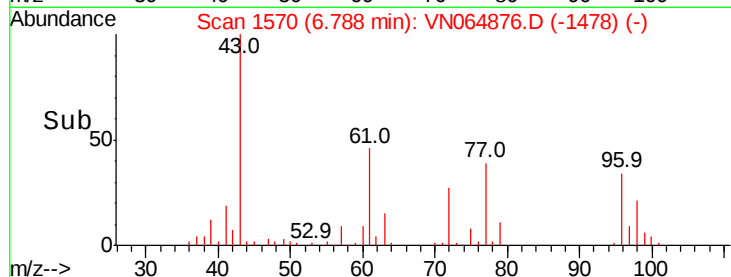
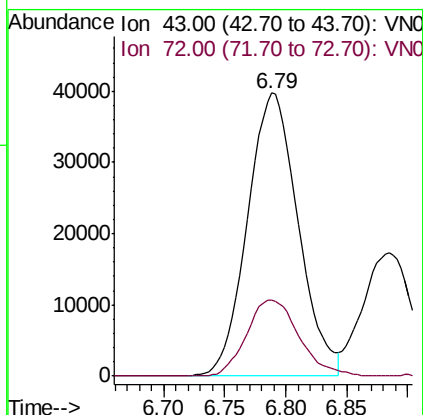
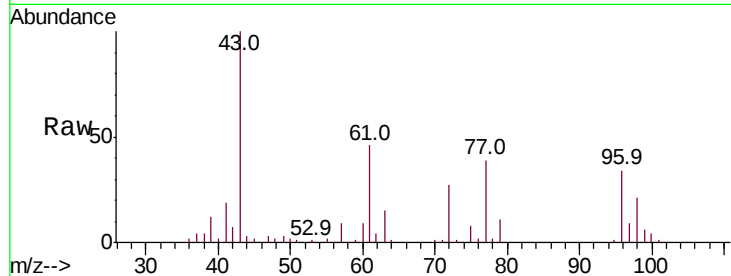




#25
2-Butanone
Concen: 88.552 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

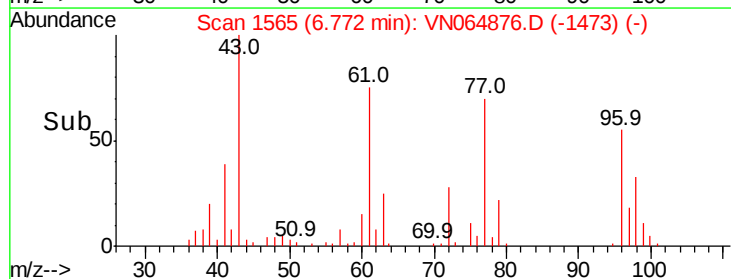
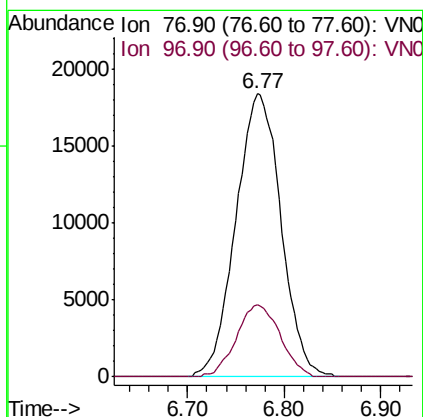
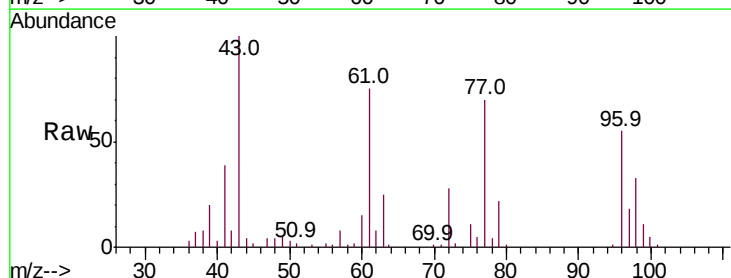
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

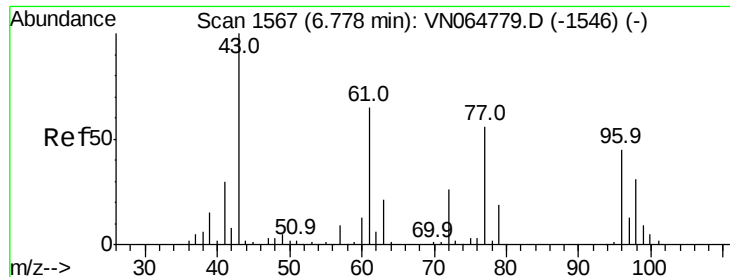
Tot Ion: 43 Resp: 114722
Ion Ratio Lower Upper
43 100
72 27.0 21.0 31.6



#26
2,2-Dichloropropane
Concen: 17.185 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 77 Resp: 59632
Ion Ratio Lower Upper
77 100
97 24.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.656 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBS01

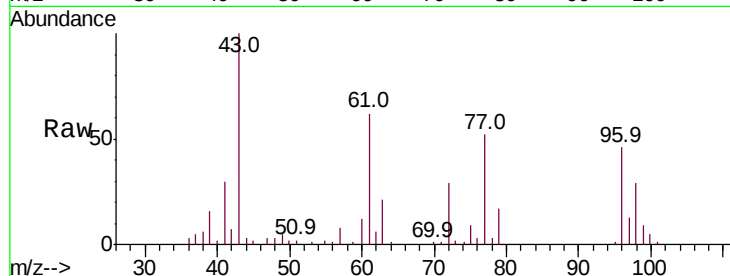
Tot Ion: 96 Resp: 44740

Ion Ratio Lower Upper

96 100

61 141.3 0.0 285.8

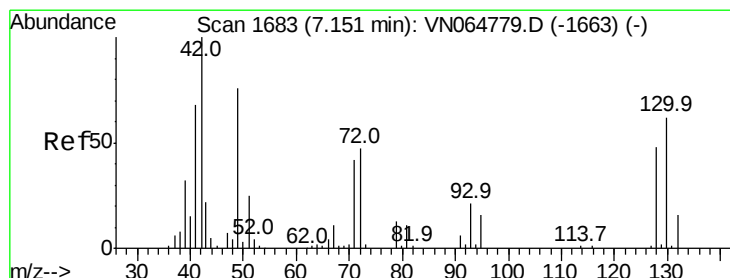
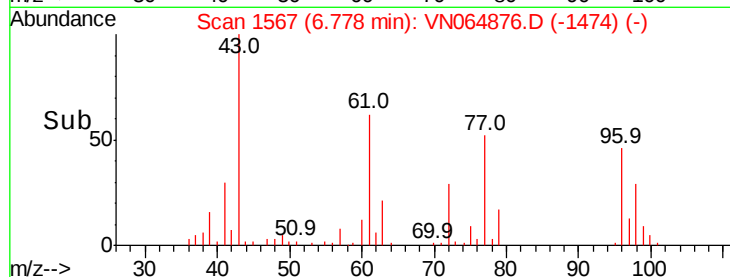
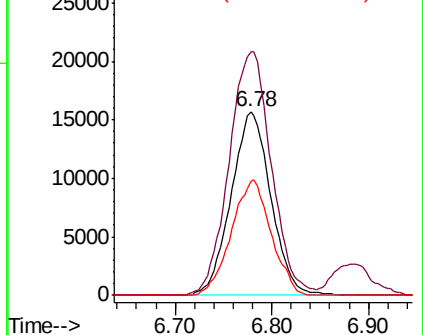
98 62.9 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064876.D (-1590) (-)

Ion 60.90 (60.60 to 61.60): VN064876.D (-1590) (-)

Ion 97.90 (97.60 to 98.60): VN064876.D (-1590) (-)



#28

Bromochloromethane

Concen: 17.442 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

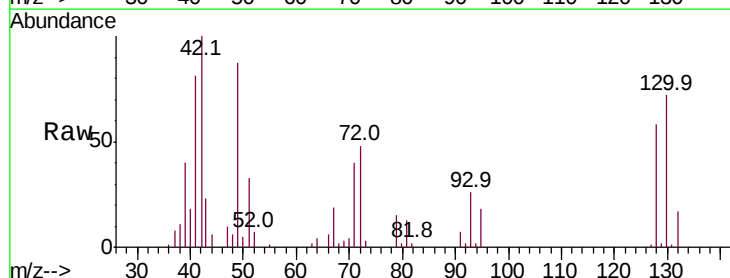
Tgt Ion: 49 Resp: 31924

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

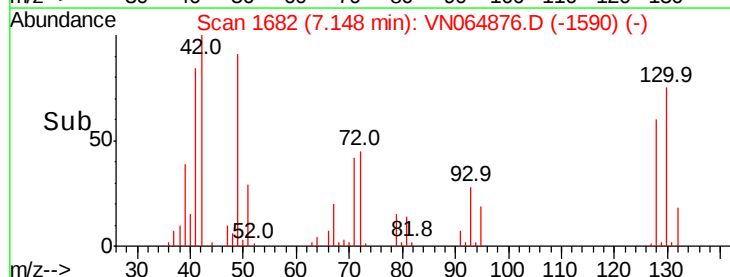
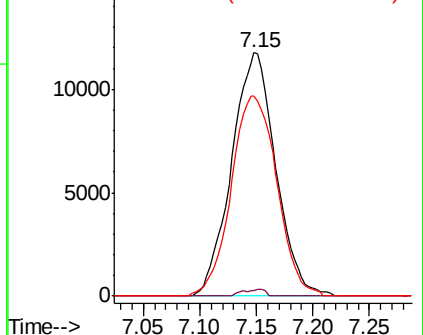
130 85.0 66.2 99.2

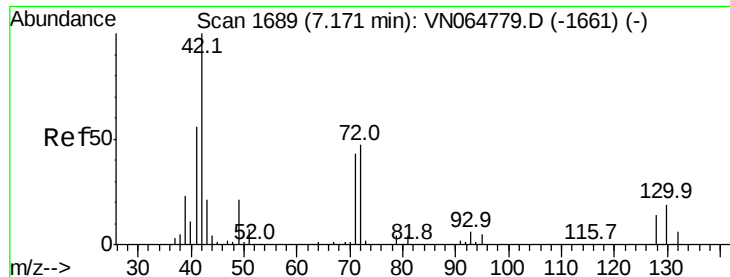


Abundance Ion 48.90 (48.60 to 49.60): VN064876.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064876.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064876.D (-1590) (-)

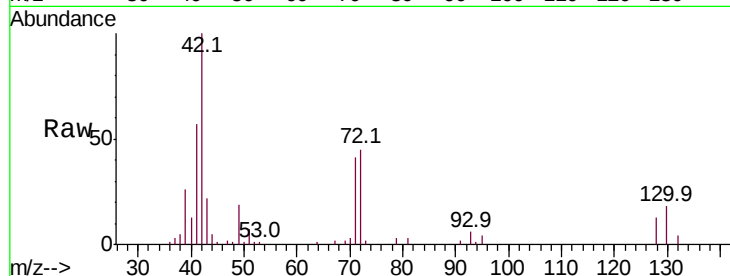




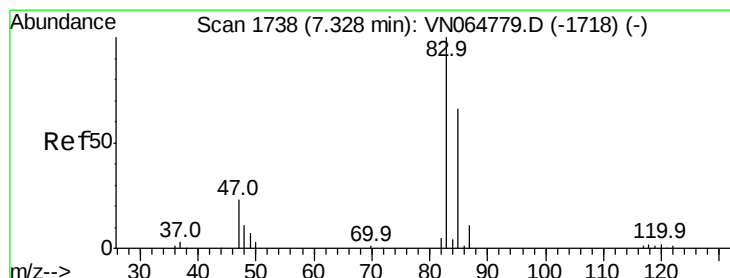
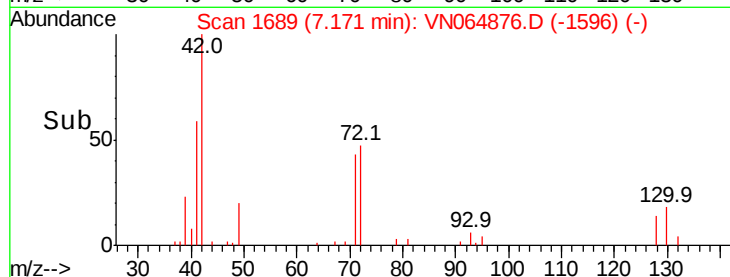
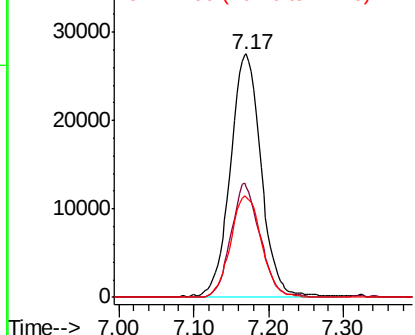
#29
Tetrahydrofuran
Concen: 88.501 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampled :
VN1201WBS01

Tot Ion: 42 Resp: 79146
Ion Ratio Lower Upper
42 100
72 43.7 36.6 54.8
71 41.7 33.6 50.4

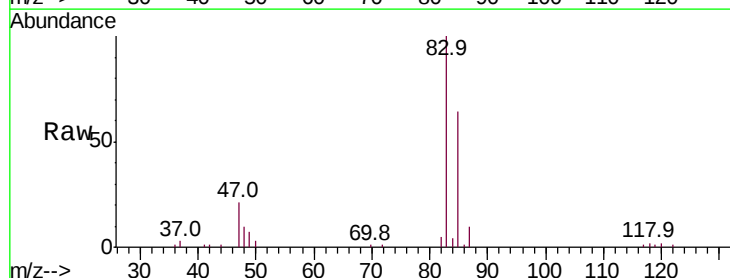


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

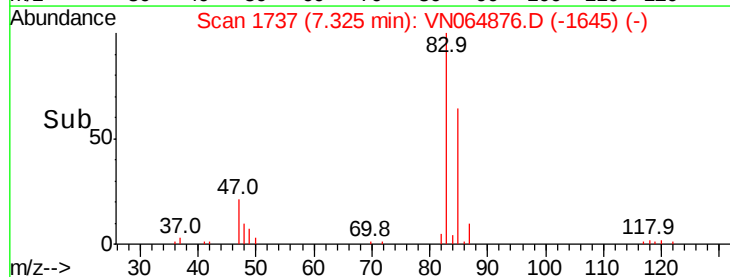
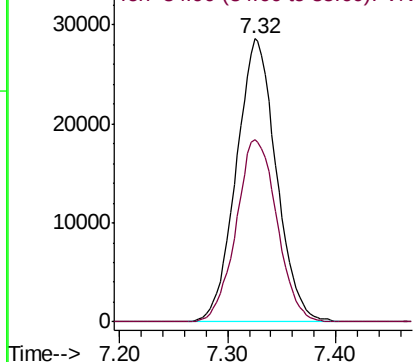


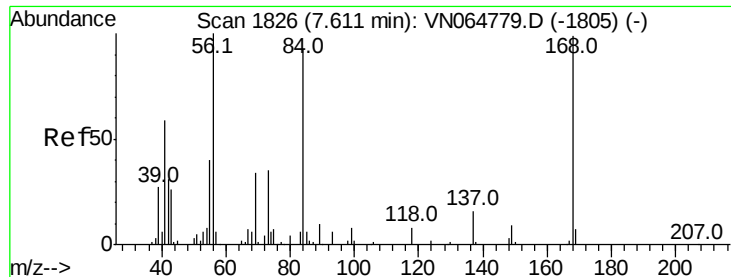
#30
Chloroform
Concen: 17.843 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 83 Resp: 73618
Ion Ratio Lower Upper
83 100
85 64.4 52.6 78.8



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





#31

Cyclohexane

Concen: 17.003 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBS01

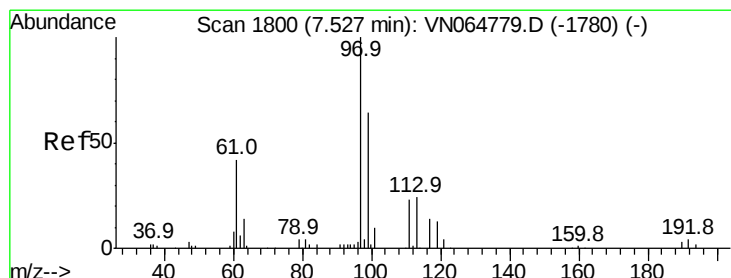
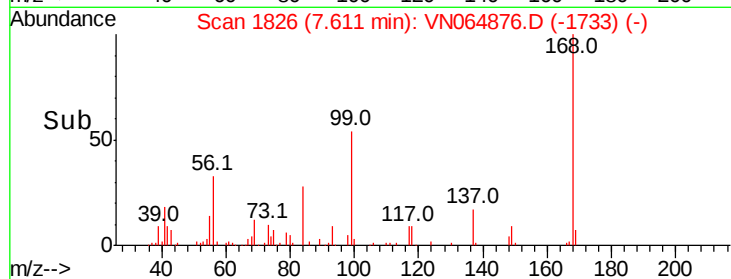
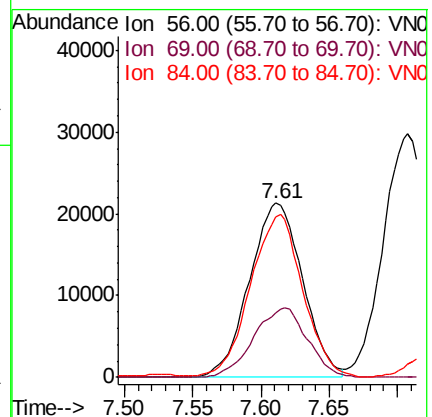
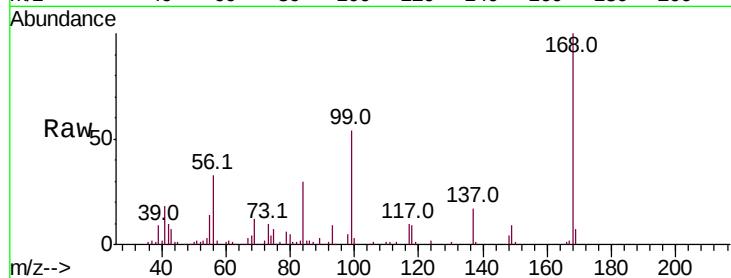
Tot Ion: 56 Resp: 57614

Ion Ratio Lower Upper

56 100

69 36.8 27.5 41.3

84 90.8 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 17.523 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

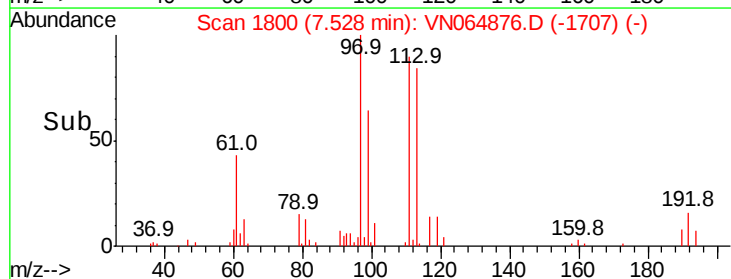
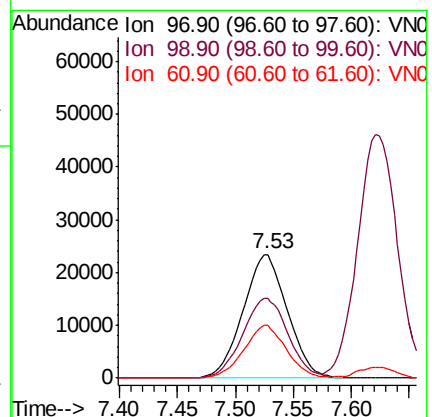
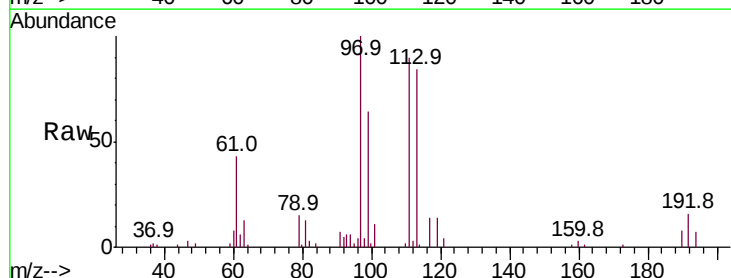
Tgt Ion: 97 Resp: 62093

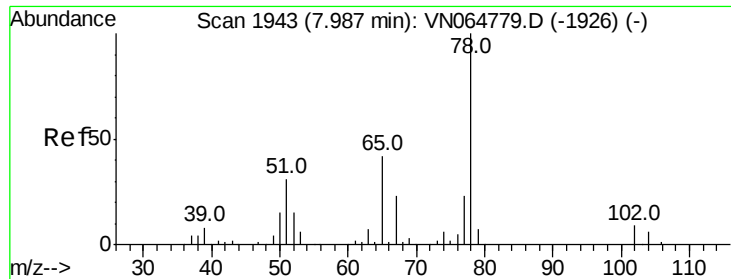
Ion Ratio Lower Upper

97 100

99 65.9 51.7 77.5

61 41.0 33.9 50.9

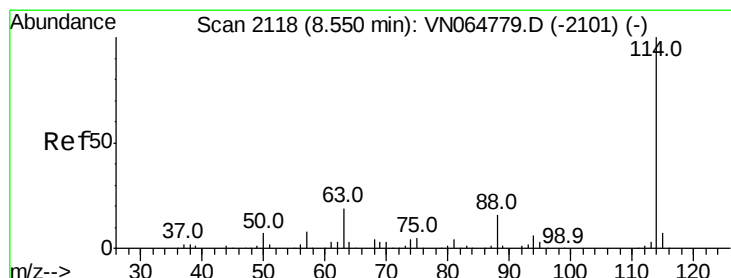
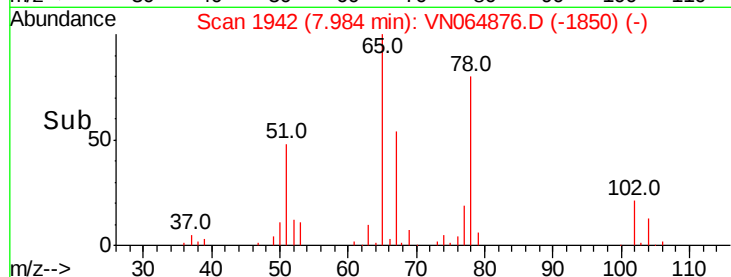
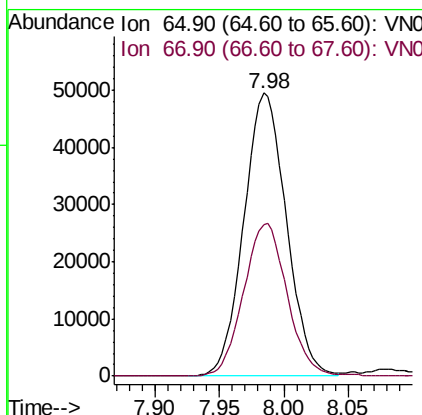
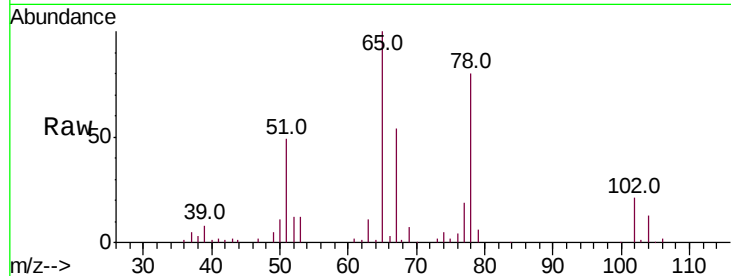




#33
 1,2-Dichloroethane-d4
 Concen: 46.934 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

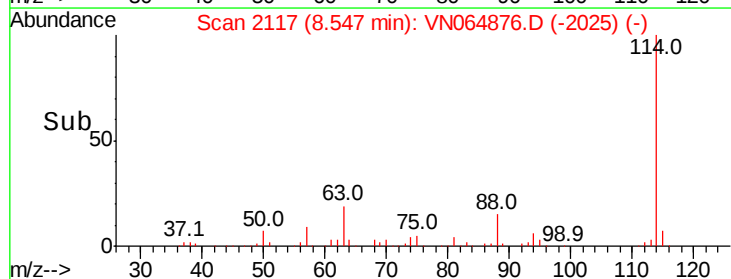
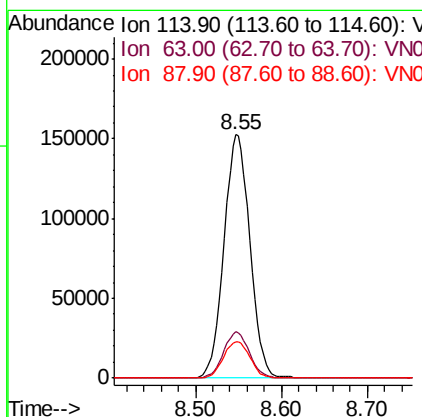
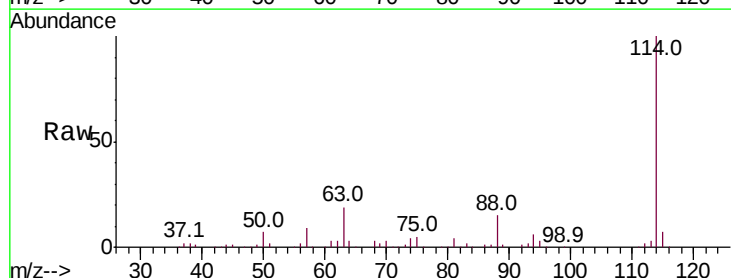
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

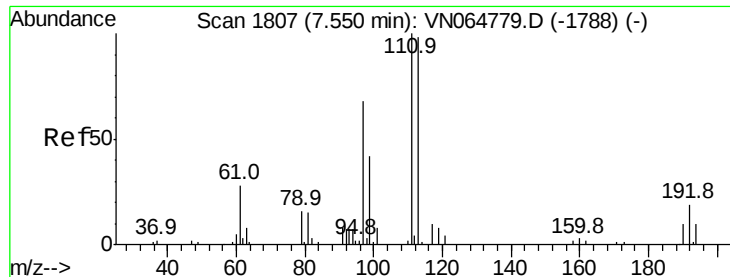
Tot Ion: 65 Resp: 114105
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion: 114 Resp: 319796
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.713 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBS01

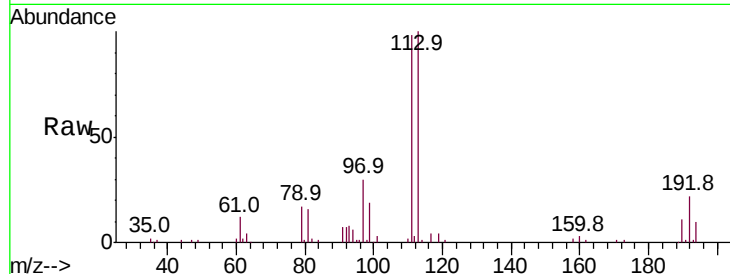
Tot Ion:113 Resp: 98955

Ion Ratio Lower Upper

113 100

111 101.3 81.6 122.4

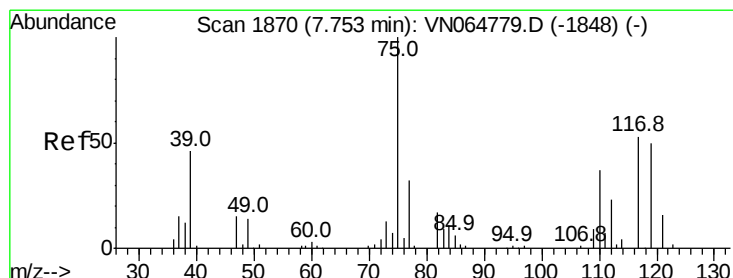
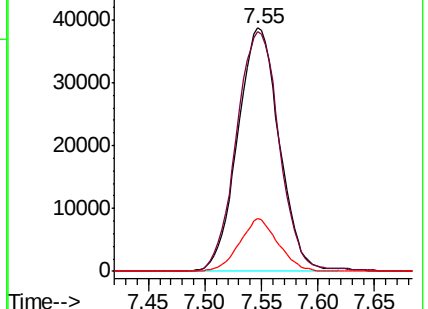
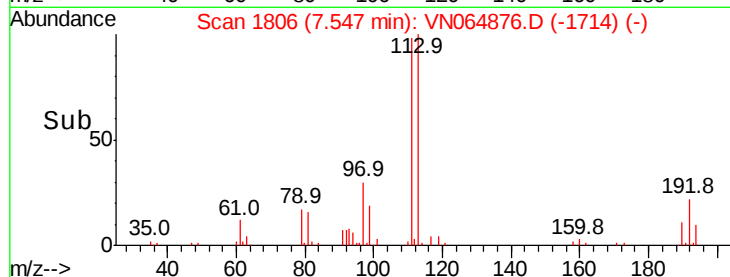
192 19.9 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.875 ug/l

RT: 7.75 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

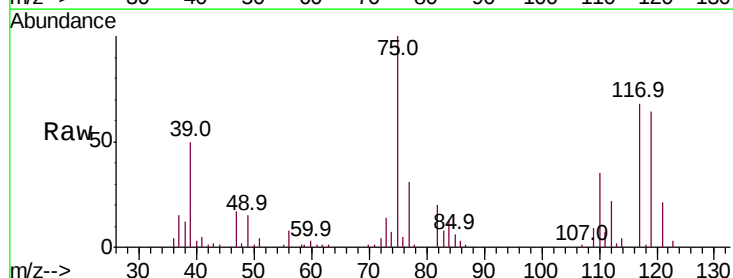
Tgt Ion: 75 Resp: 52984

Ion Ratio Lower Upper

75 100

110 35.7 17.8 53.3

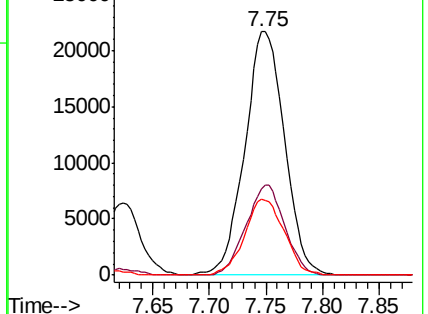
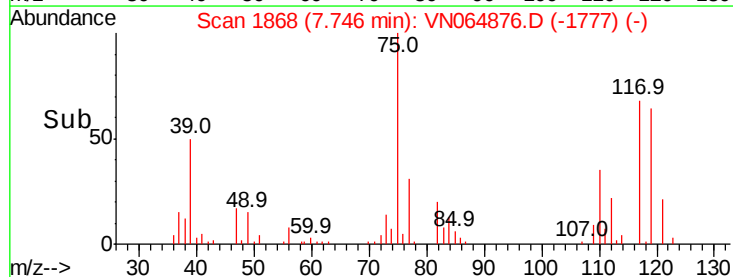
77 30.9 25.0 37.4

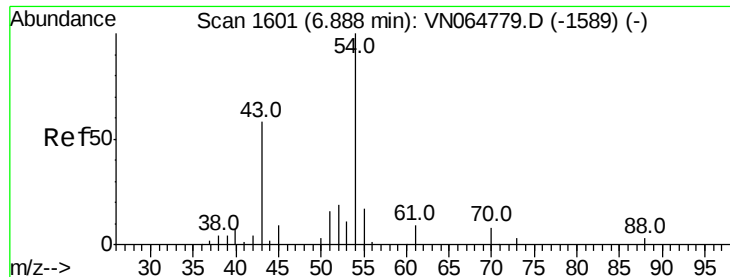


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

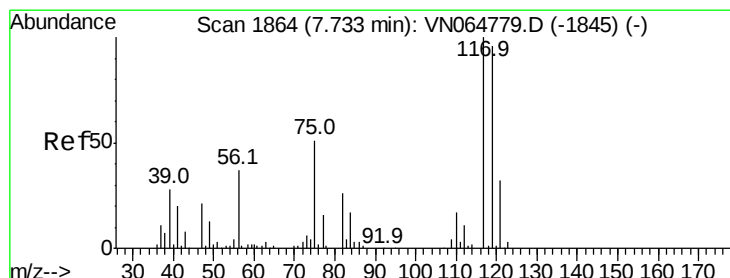
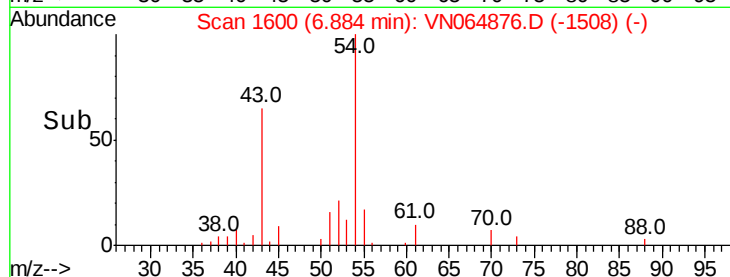
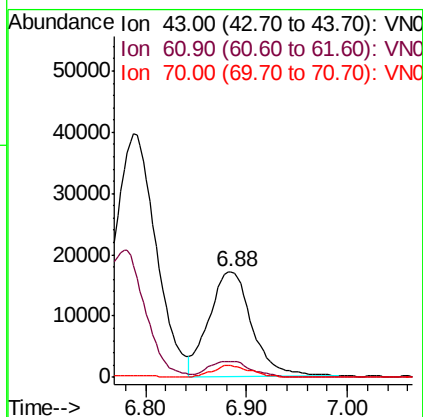
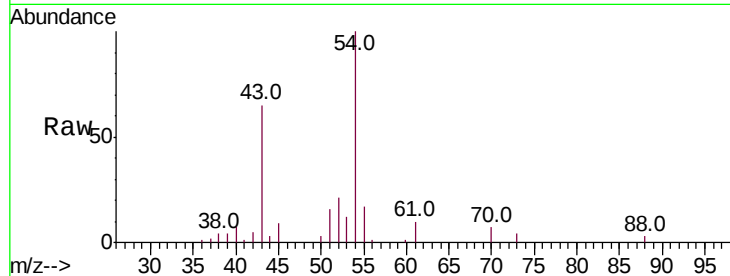




#37
Ethyl Acetate
Concen: 17.685 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

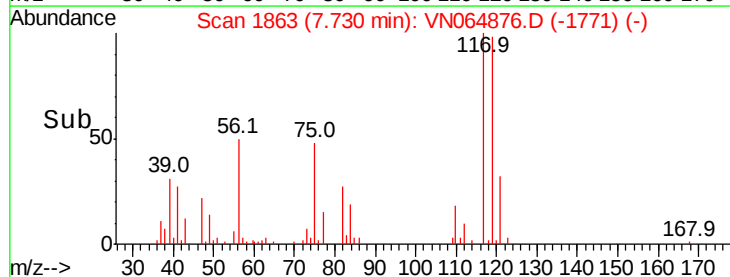
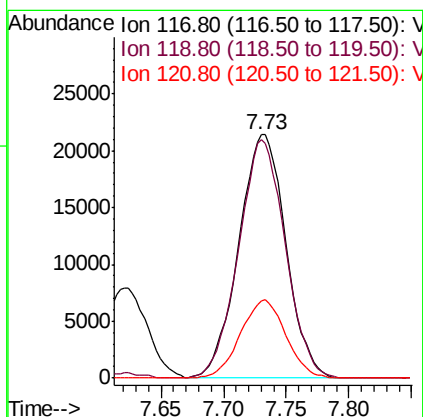
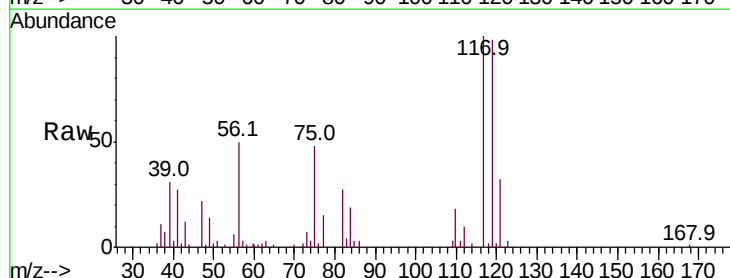
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

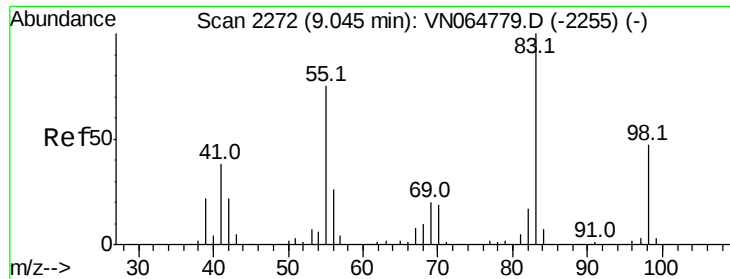
Tot Ion: 43 Resp: 50497
Ion Ratio Lower Upper
43 100
61 15.5 12.8 19.2
70 10.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 18.135 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 117 Resp: 55932
Ion Ratio Lower Upper
117 100
119 98.1 76.7 115.1
121 31.8 25.4 38.2

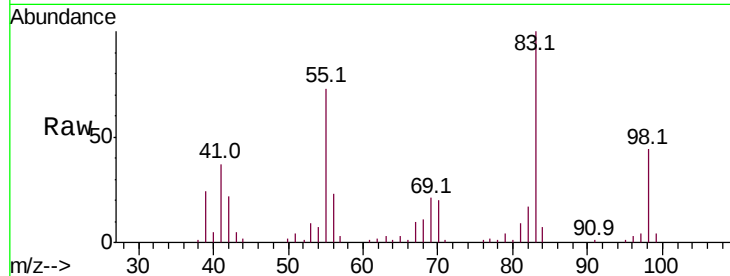




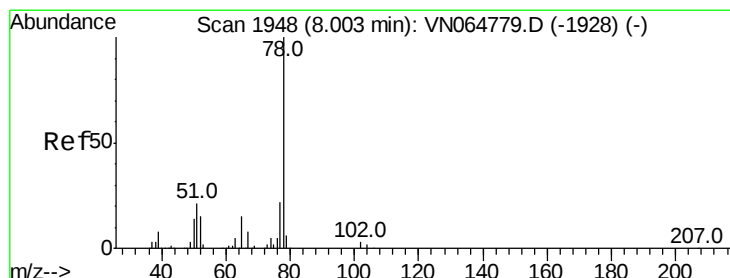
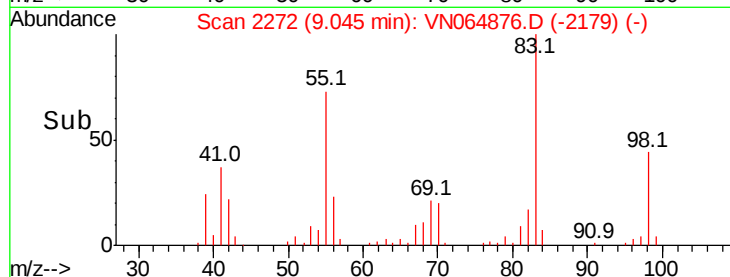
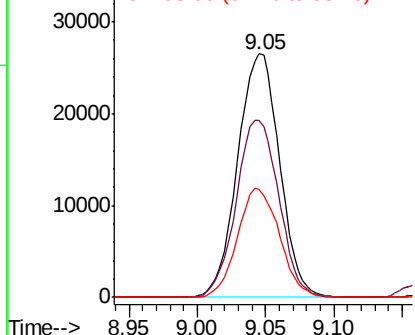
#39
Methvlcvclohexane
Concen: 17.771 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Tot Ion: 83 Resp: 56708
Ion Ratio Lower Upper
83 100
55 72.7 60.2 90.2
98 44.5 37.4 56.2

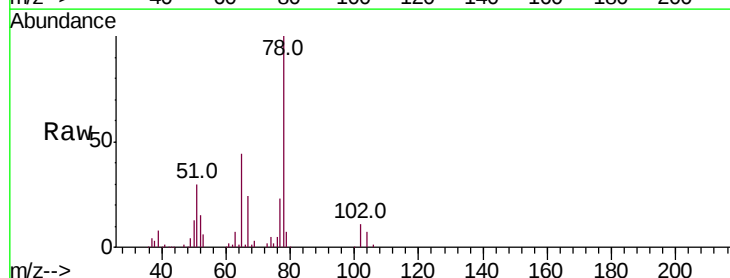


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

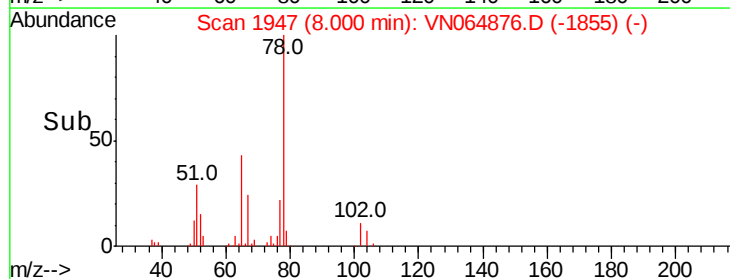
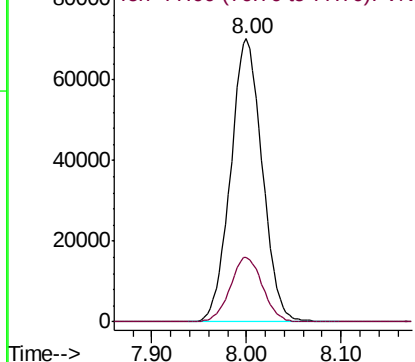


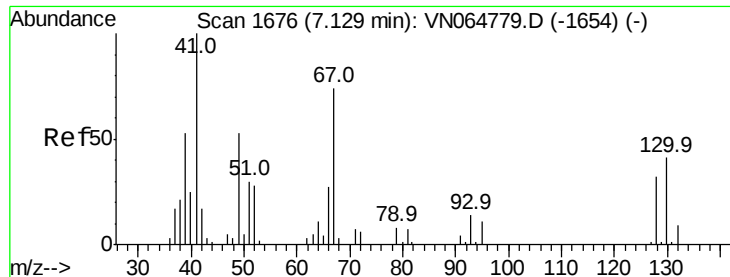
#40
Benzene
Concen: 18.004 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 78 Resp: 163538
Ion Ratio Lower Upper
78 100
77 22.8 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

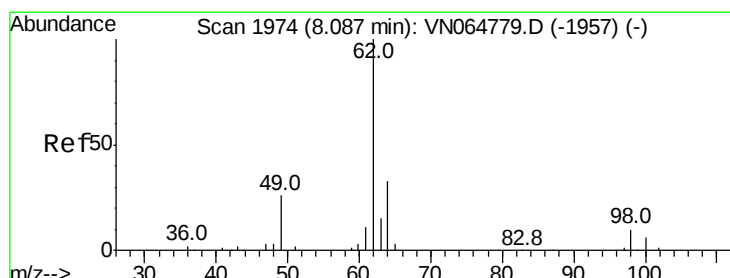
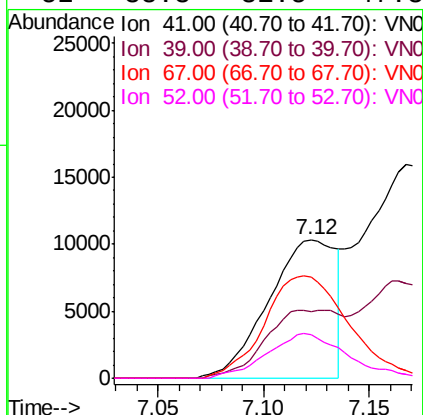
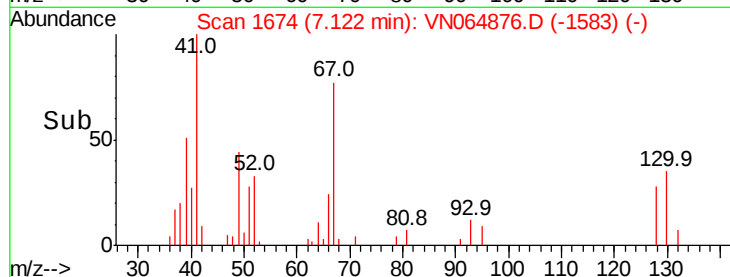
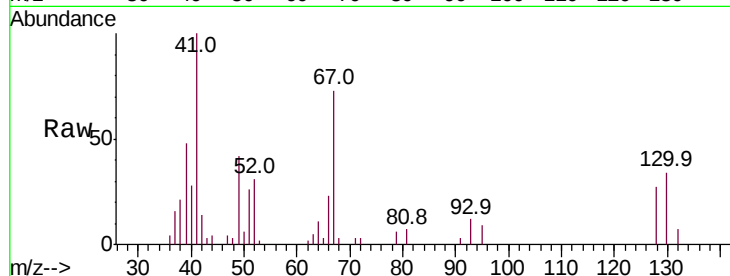




#41
Methacrylonitrile
Concen: 17.438 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

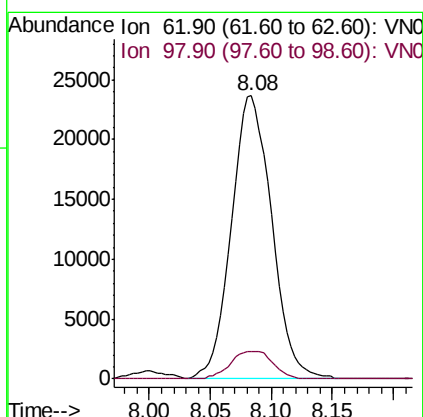
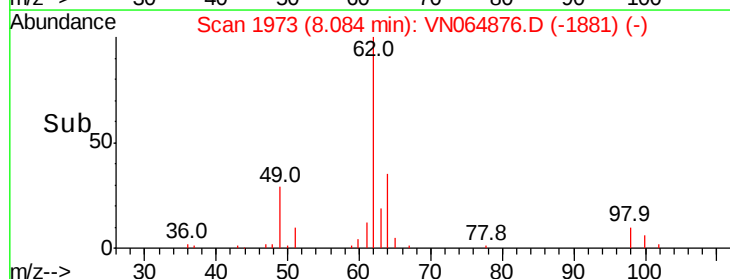
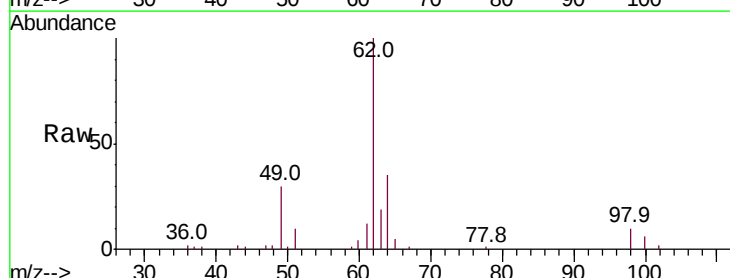
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

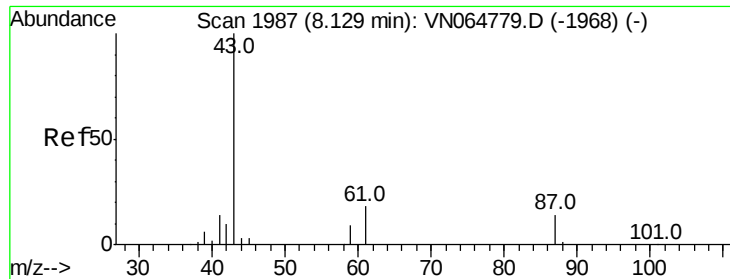
Tot Ion: 41 Resp: 22974
Ion Ratio Lower Upper
41 100
39 34.5 51.0 76.6#
67 92.3 79.8 119.8
52 38.3 31.5 47.3



#42
1,2-Dichloroethane
Concen: 17.708 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 62 Resp: 54261
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.6





#43

Isopropyl Acetate

Concen: 17.596 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBS01

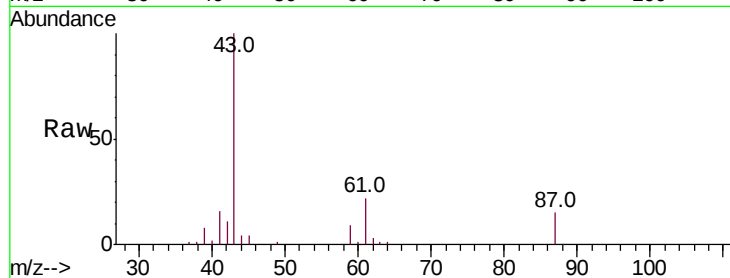
Tot Ion: 43 Resp: 80847

Ion Ratio Lower Upper

43 100

61 20.8 17.2 25.8

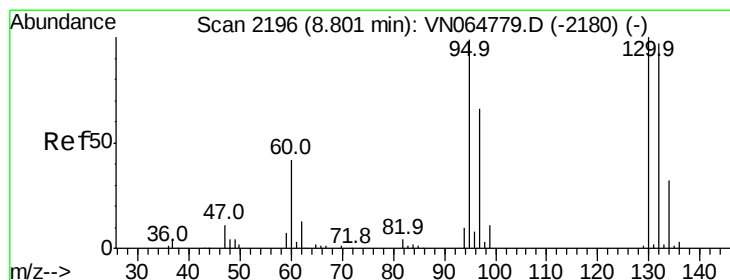
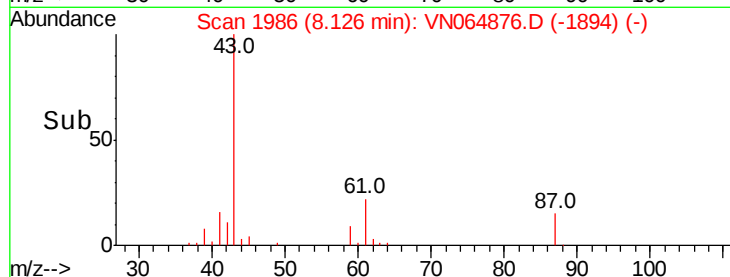
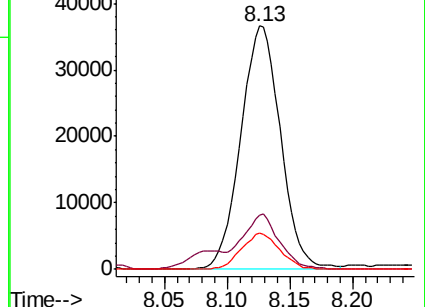
87 14.4 11.4 17.0



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

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

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



#44

Trichloroethene

Concen: 18.324 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064876.D

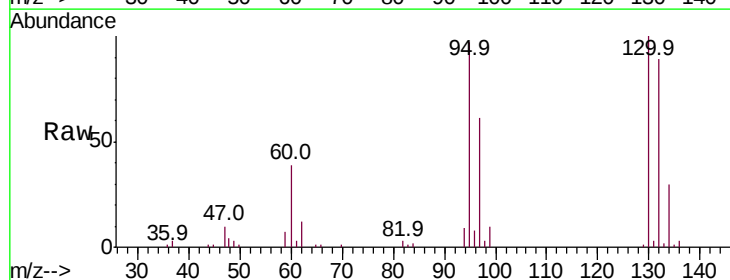
Acq: 1 Dec 2020 12:30

Tgt Ion:130 Resp: 49109

Ion Ratio Lower Upper

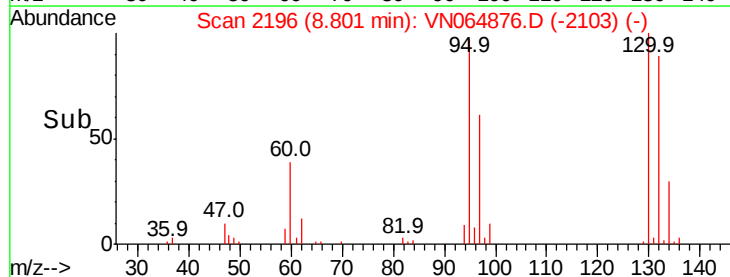
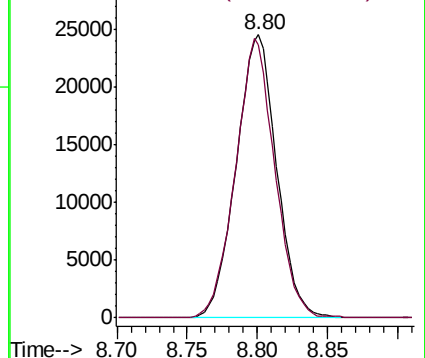
130 100

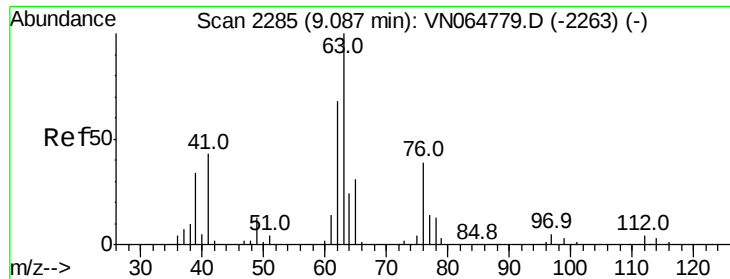
95 96.6 0.0 197.8



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

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

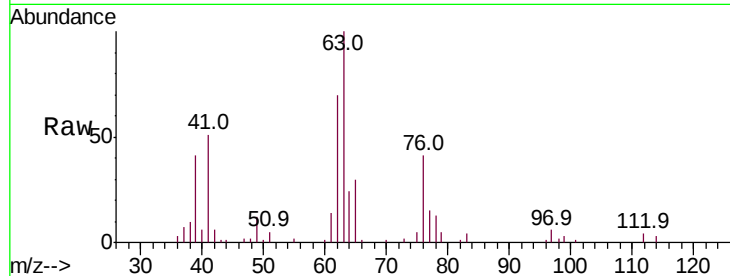




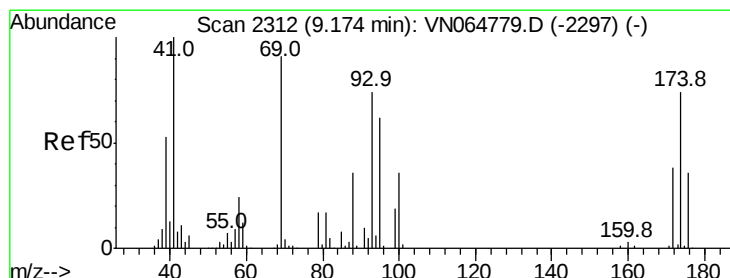
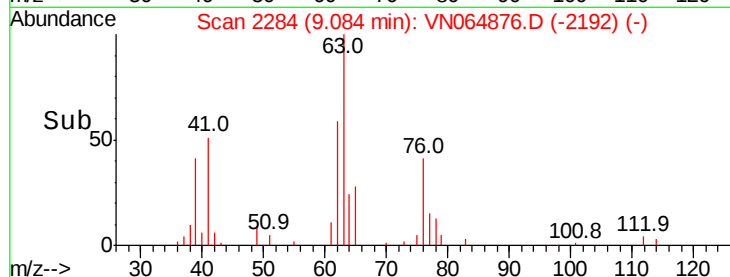
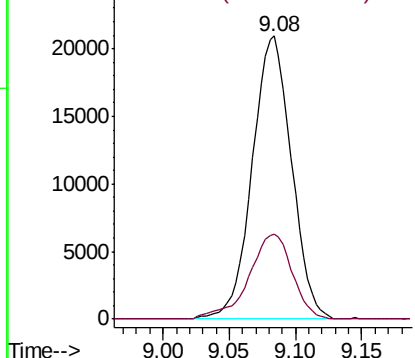
#45
 1,2-Dichloropropane
 Concen: 18.331 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Tot Ion: 63 Resp: 43119
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.4

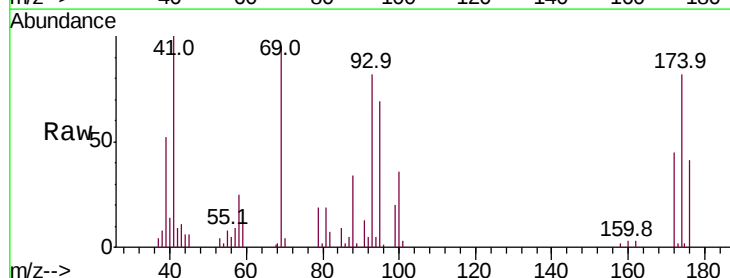


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 64.90 (64.60 to 65.60): VN0

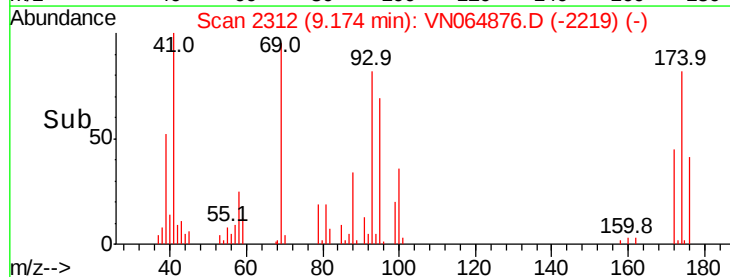
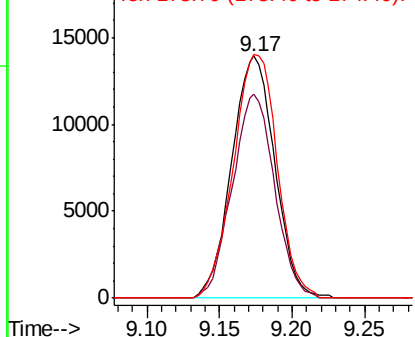


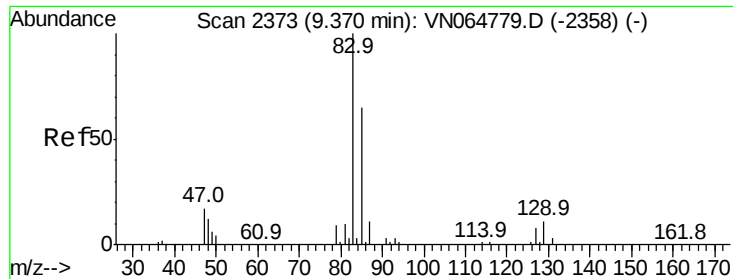
#46
 Dibromomethane
 Concen: 18.329 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion: 93 Resp: 28803
 Ion Ratio Lower Upper
 93 100
 95 82.6 68.8 103.2
 174 102.8 83.1 124.7



Abundance Ion 92.80 (92.50 to 93.50): VN0
 Ion 94.80 (94.50 to 95.50): VN0
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.373 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBS01

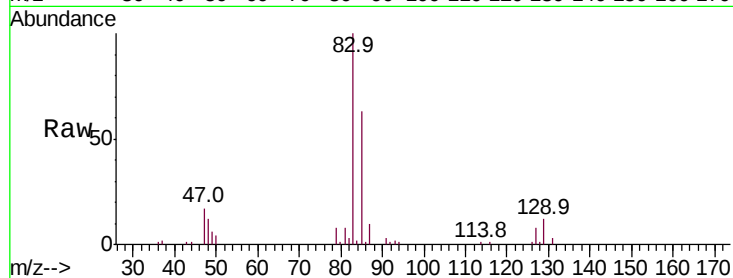
Tot Ion: 83 Resp: 58097

Ion Ratio Lower Upper

83 100

85 63.2 51.8 77.8

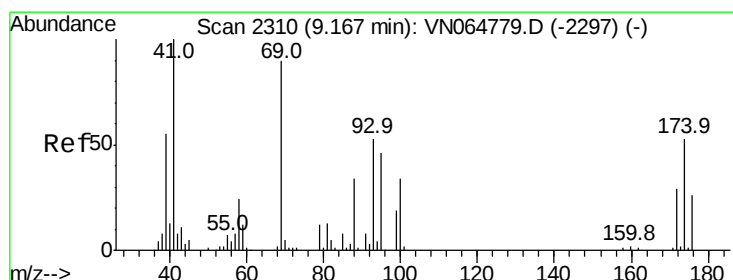
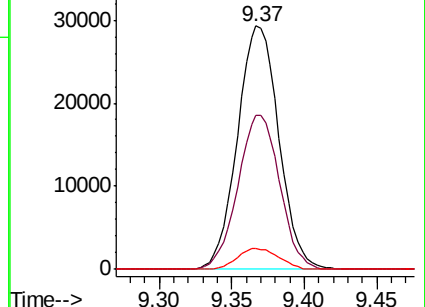
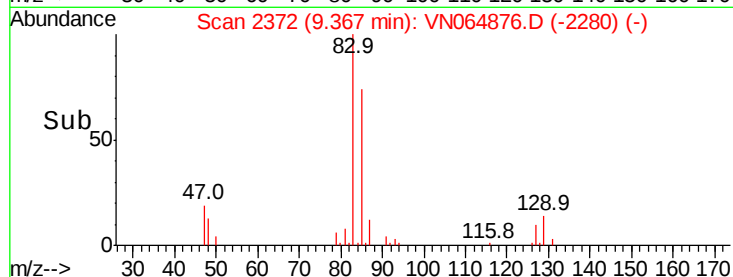
127 8.4 6.8 10.2



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

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

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



#48

Methyl methacrylate

Concen: 18.108 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

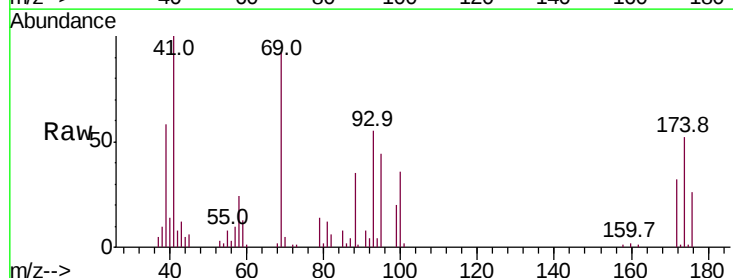
Tgt Ion: 41 Resp: 39756

Ion Ratio Lower Upper

41 100

69 89.5 71.8 107.8

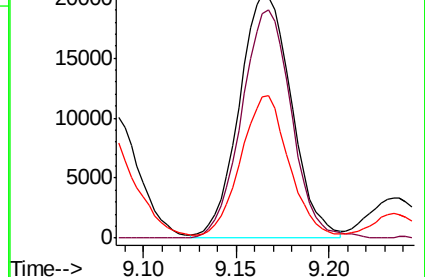
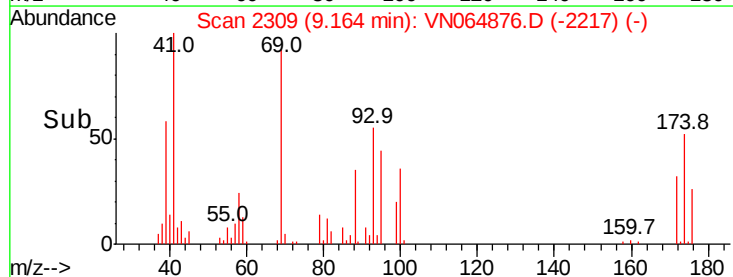
39 54.7 44.1 66.1

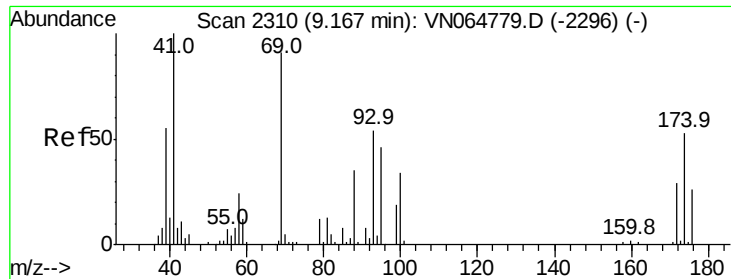


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

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

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

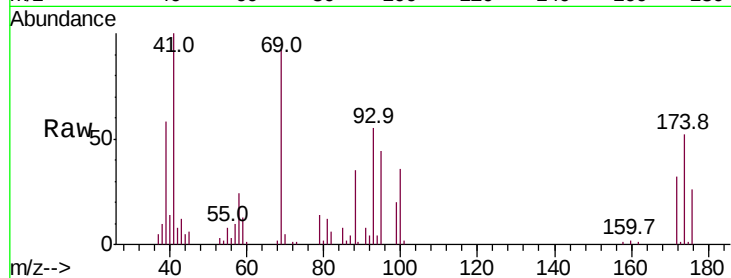




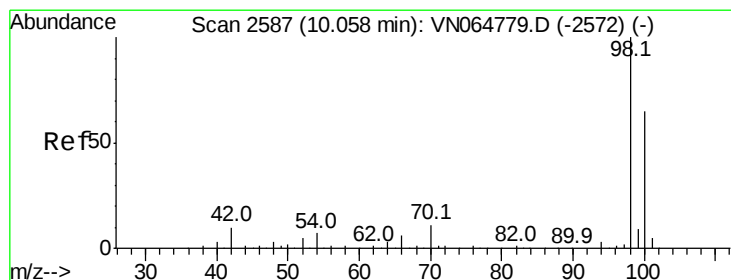
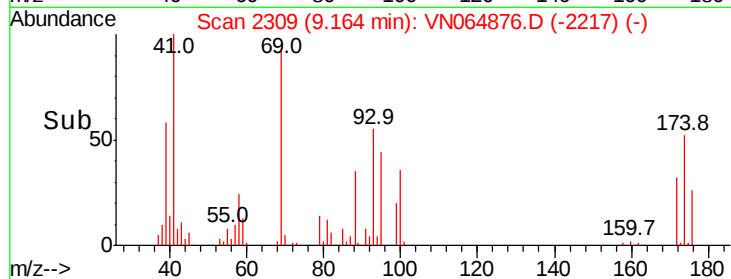
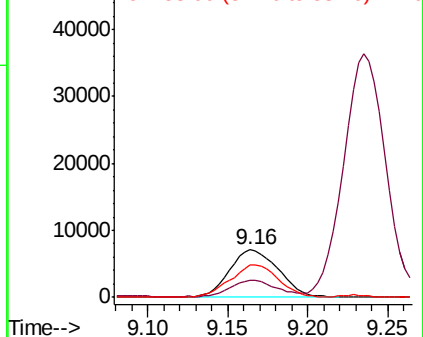
#49
 1,4-Dioxane
 Concen: 358.242 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Tot Ion: 88 Resp: 14865
 Ion Ratio Lower Upper
 88 100
 43 35.3 24.2 36.4
 58 66.5 52.5 78.7

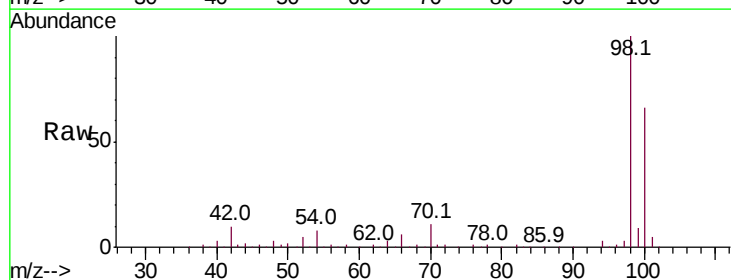


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

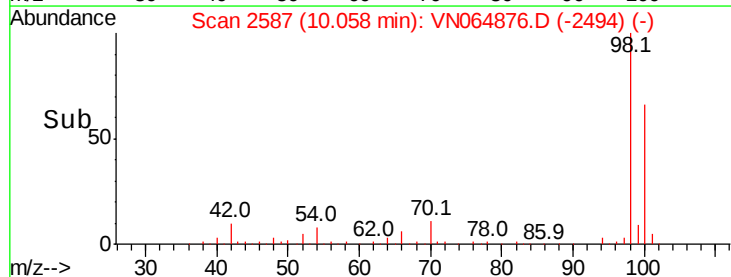
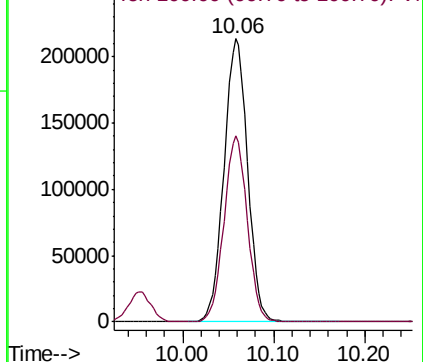


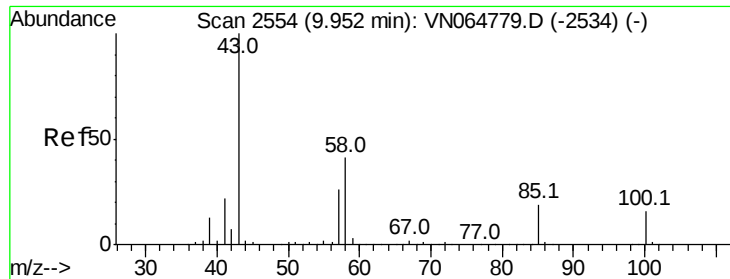
#50
 Toluene-d8
 Concen: 49.250 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion: 98 Resp: 385066
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 91.524 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

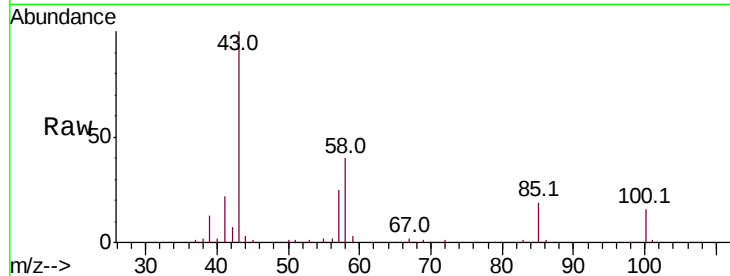
VN1201WBS01

Tot Ion: 43 Resp: 252452

Ion Ratio Lower Upper

43 100

58 40.0 32.4 48.6



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

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

9.95

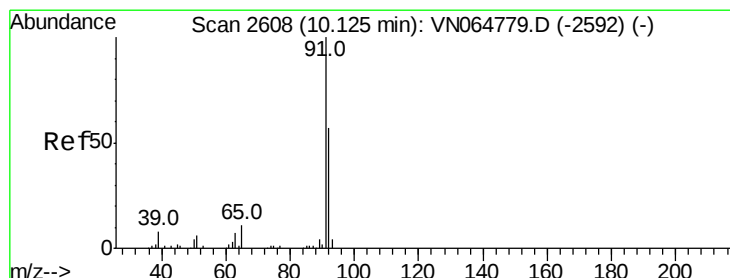
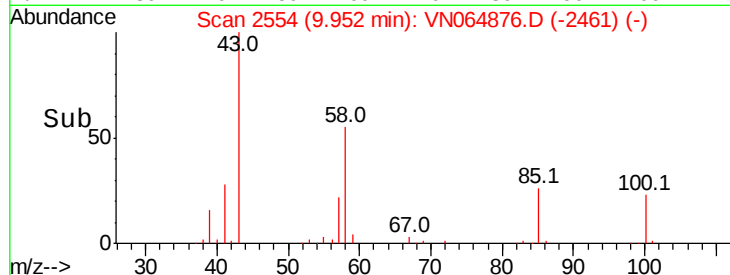
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.559 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064876.D

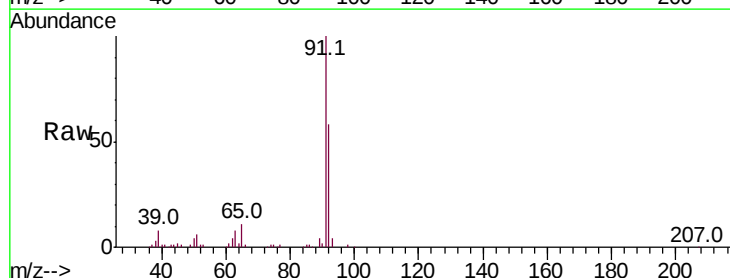
Acq: 1 Dec 2020 12:30

Tgt Ion: 92 Resp: 103819

Ion Ratio Lower Upper

92 100

91 172.9 139.1 208.7



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

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

10.12

100000

80000

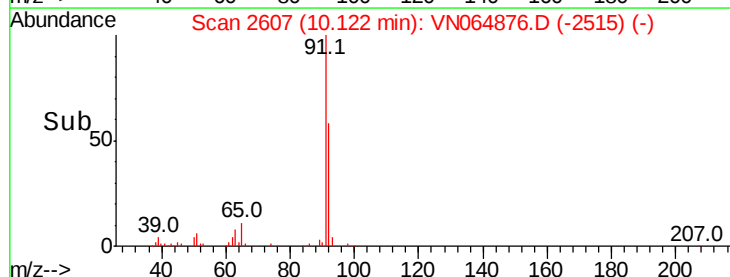
60000

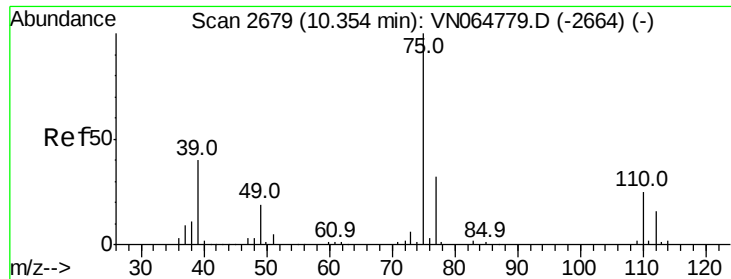
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.448 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

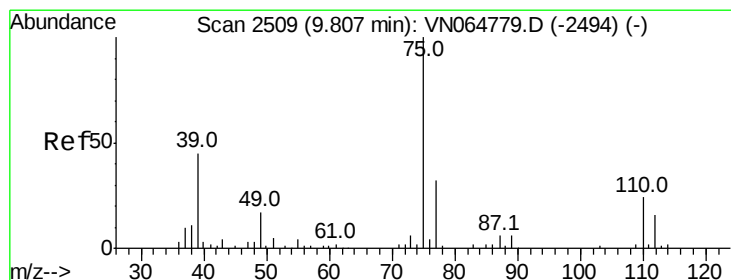
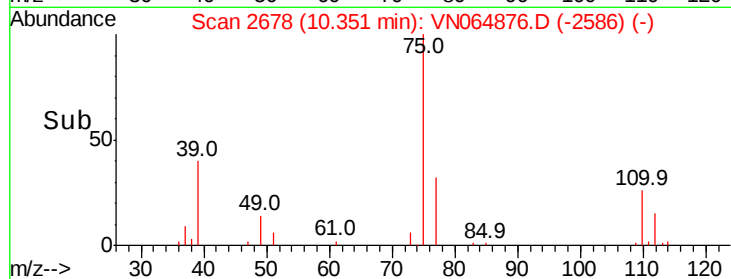
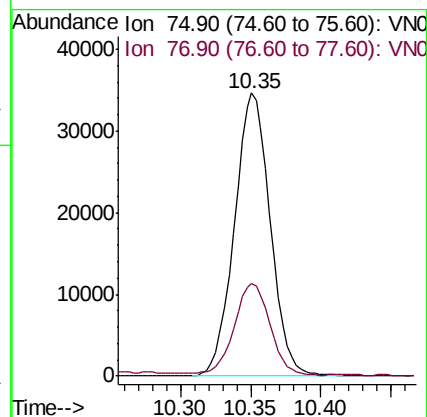
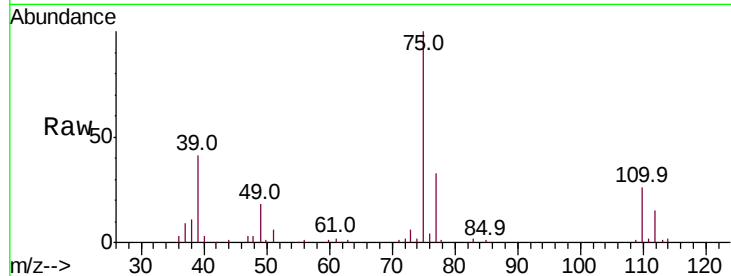
VN1201WBS01

Tot Ion: 75 Resp: 61449

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 18.223 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

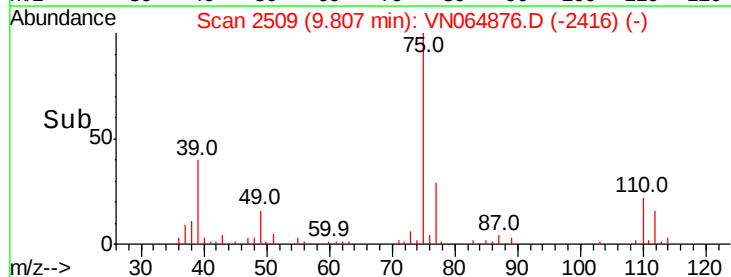
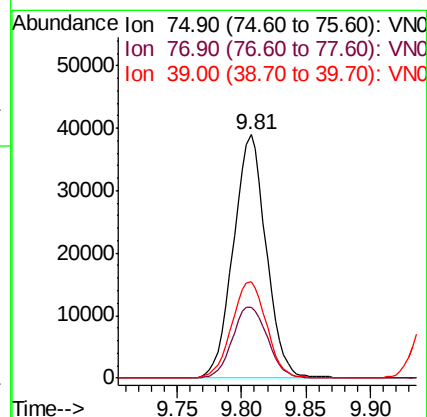
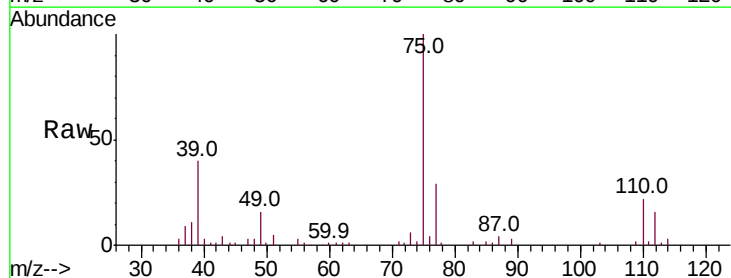
Tgt Ion: 75 Resp: 68790

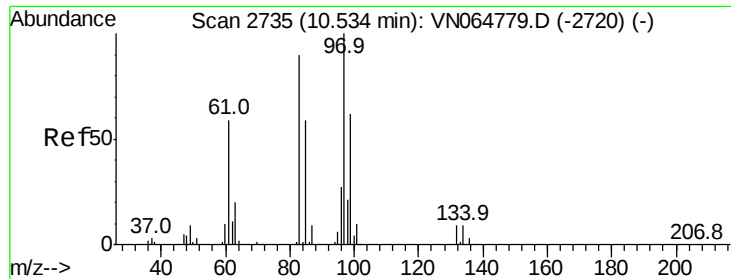
Ion Ratio Lower Upper

75 100

77 29.2 25.5 38.3

39 39.5 35.6 53.4

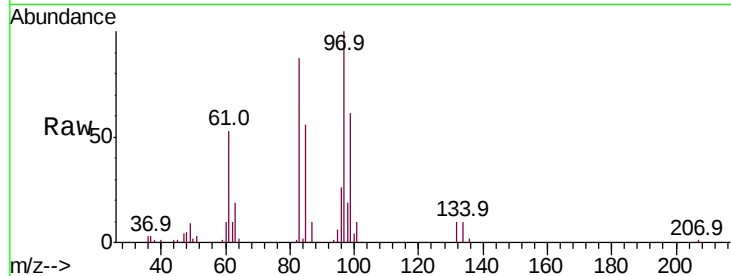




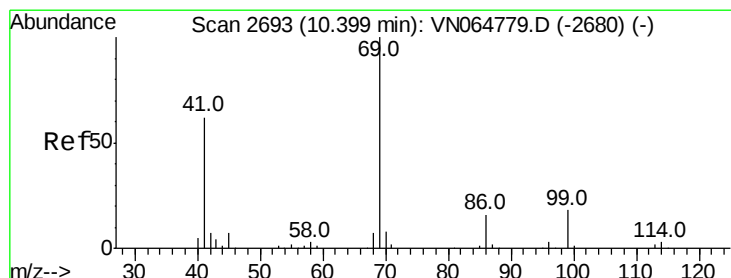
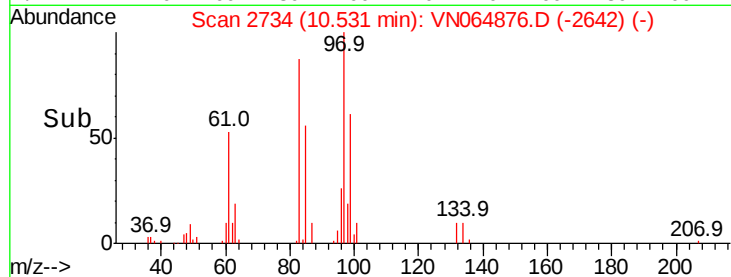
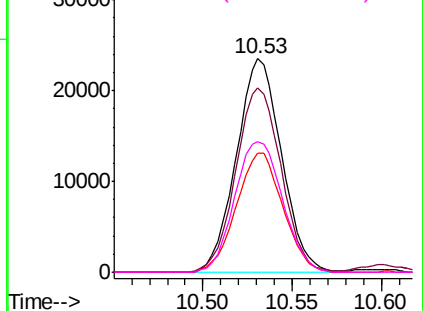
#55
 1,1,2-Trichloroethane
 Concen: 18.084 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Tot Ion: 97 Resp: 41598
 Ion Ratio Lower Upper
 97 100
 83 86.5 72.1 108.1
 85 56.0 46.8 70.2
 99 61.4 49.6 74.4

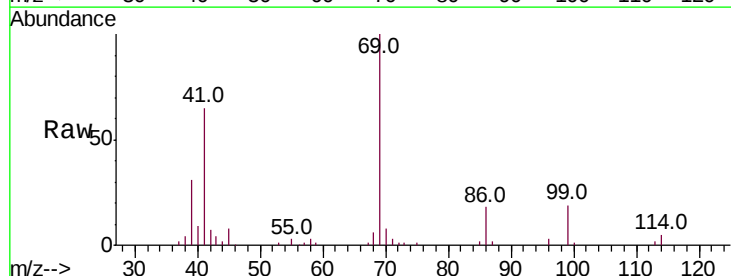


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

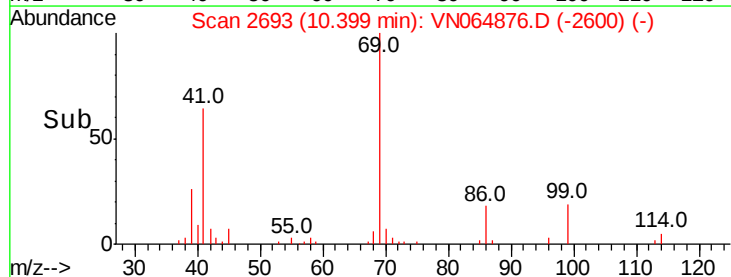
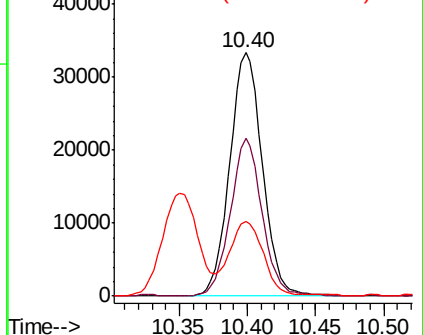


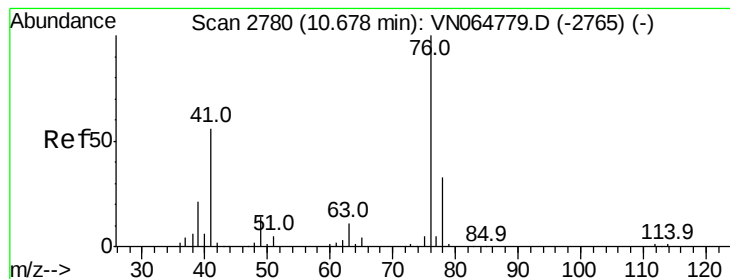
#56
 Ethyl methacrylate
 Concen: 17.478 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion: 69 Resp: 55481
 Ion Ratio Lower Upper
 69 100
 41 62.9 49.4 74.0
 39 31.2 25.9 38.9



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





#57

1,3-Dichloropropane

Concen: 18.608 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

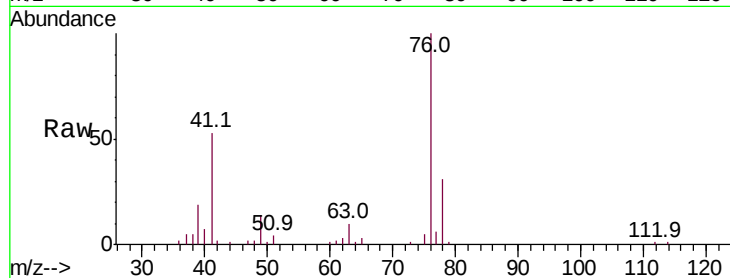
VN1201WBS01

Tot Ion: 76 Resp: 70609

Ion Ratio Lower Upper

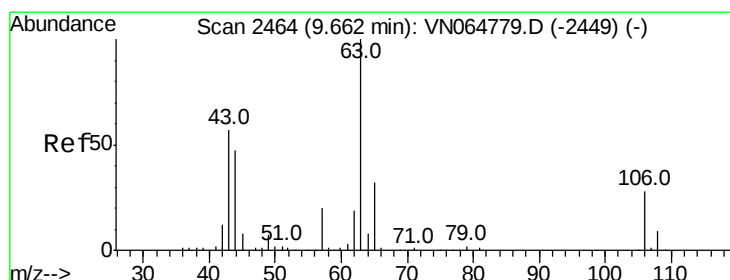
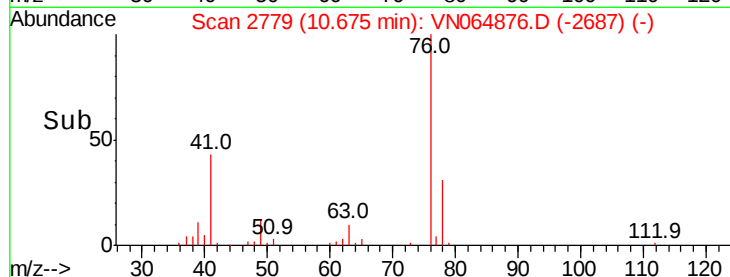
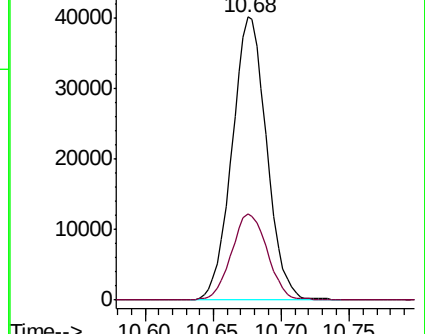
76 100

78 31.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 89.696 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064876.D

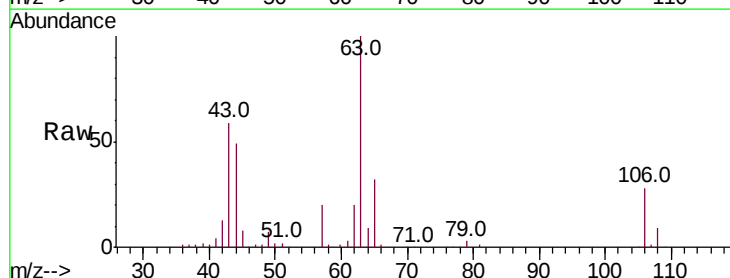
Acq: 1 Dec 2020 12:30

Tgt Ion: 63 Resp: 156615

Ion Ratio Lower Upper

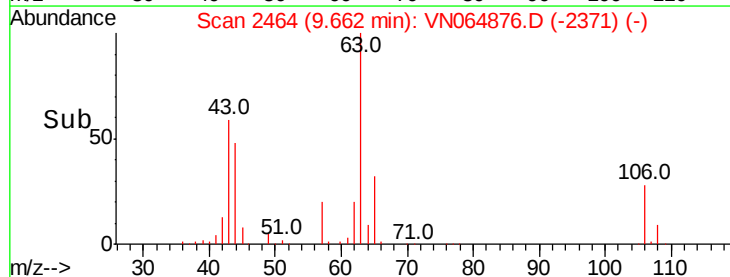
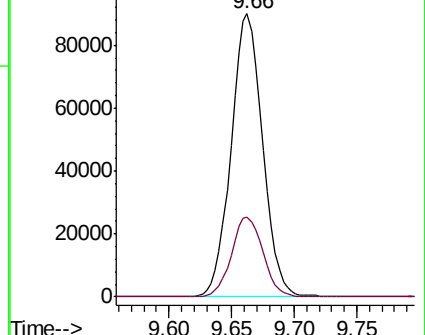
63 100

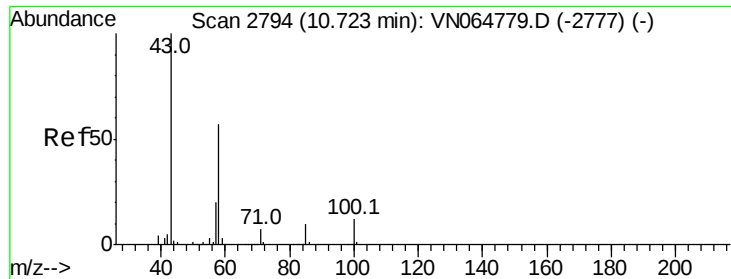
106 28.2 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

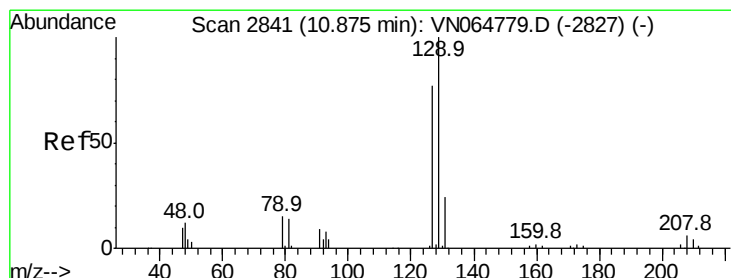
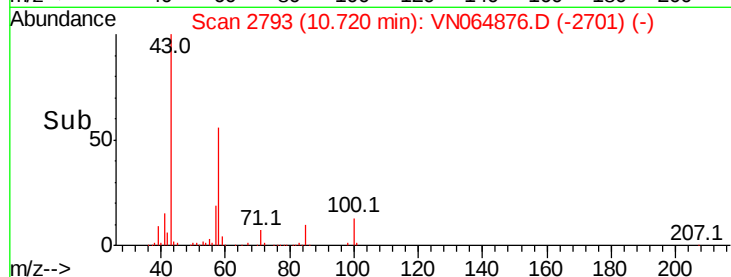
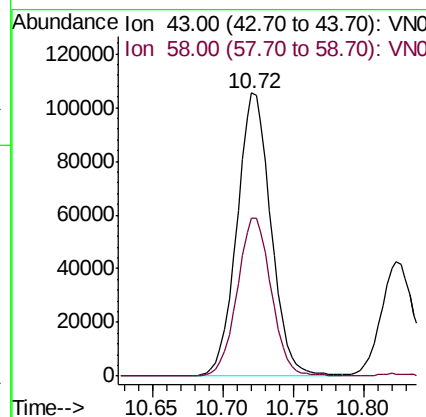
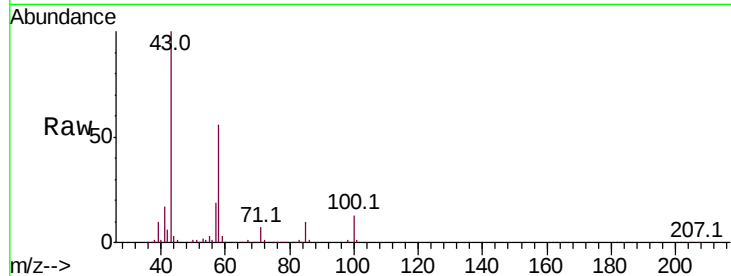




#59
2-Hexanone
Concen: 90.122 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

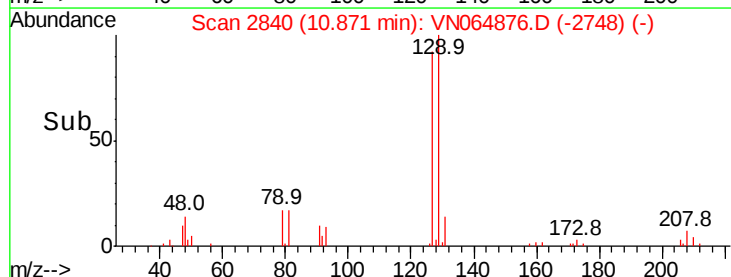
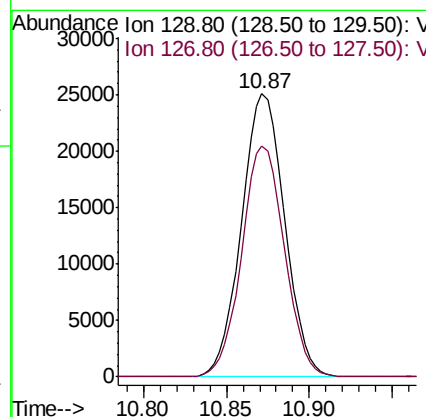
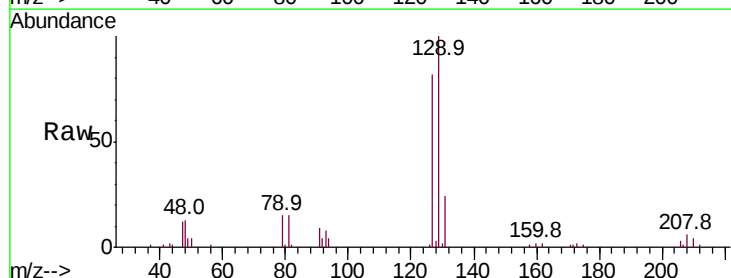
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

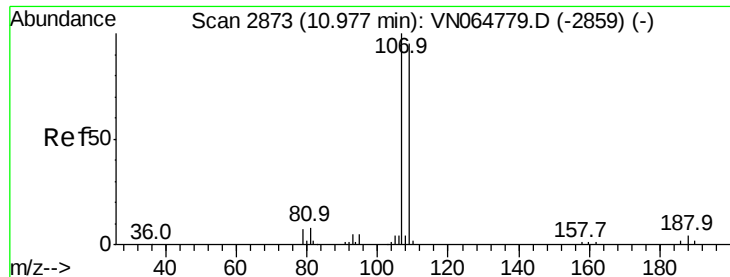
Tot Ion: 43 Resp: 178903
Ion Ratio Lower Upper
43 100
58 55.8 28.3 84.9



#60
Dibromochloromethane
Concen: 17.780 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 129 Resp: 45461
Ion Ratio Lower Upper
129 100
127 80.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.213 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

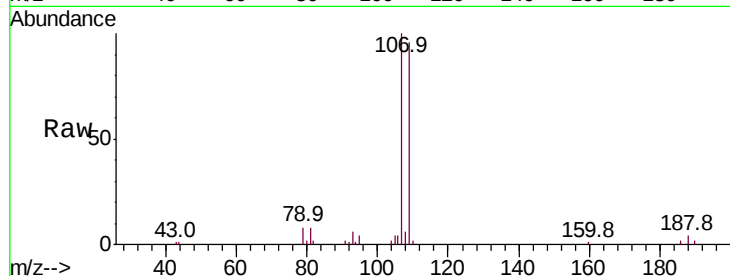
VN1201WBS01

Tot Ion:107 Resp: 42564

Ion Ratio Lower Upper

107 100

109 95.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

25000

20000

15000

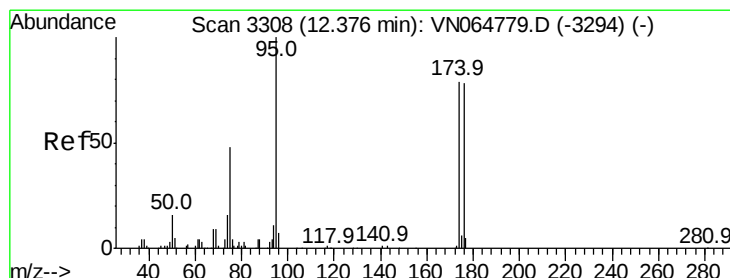
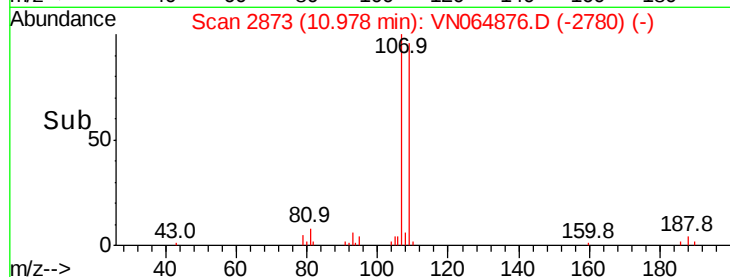
10000

5000

0

Time-->

10.90 10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 47.736 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

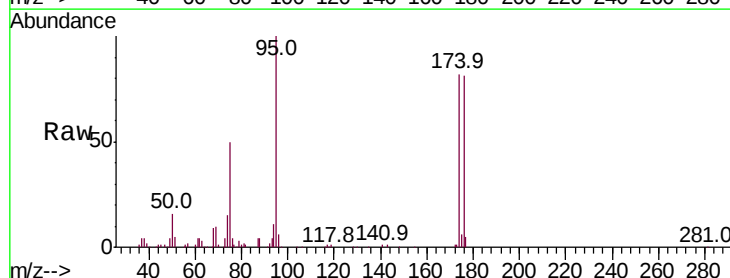
Tgt Ion: 95 Resp: 133573

Ion Ratio Lower Upper

95 100

174 81.9 0.0 160.4

176 81.1 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

100000

80000

60000

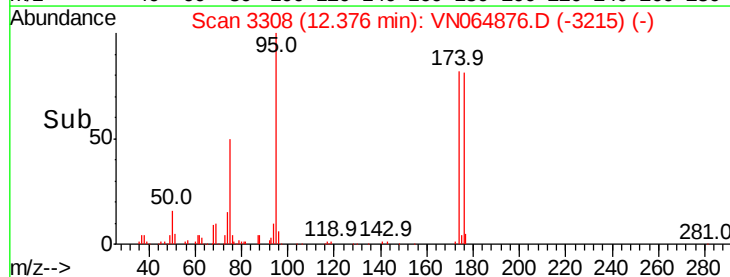
40000

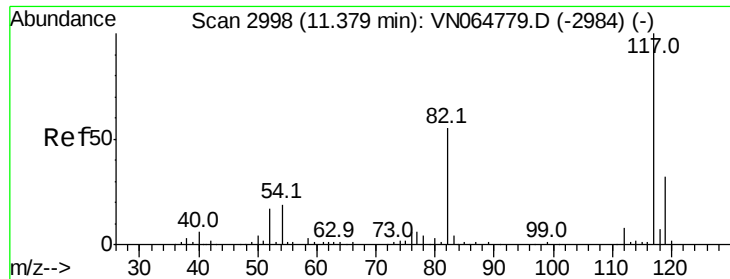
20000

0

Time-->

12.30 12.35 12.40 12.45

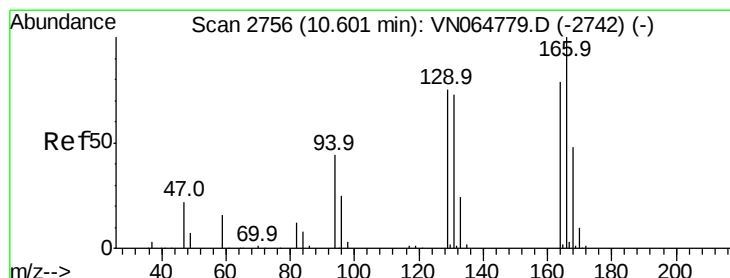
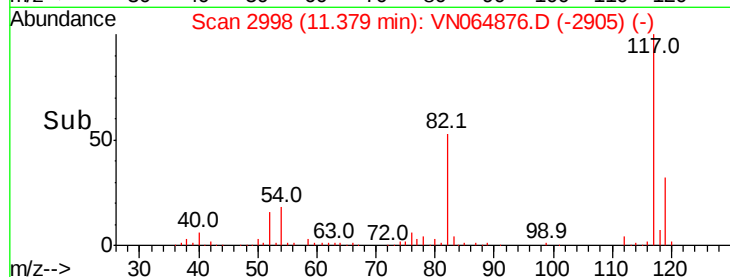
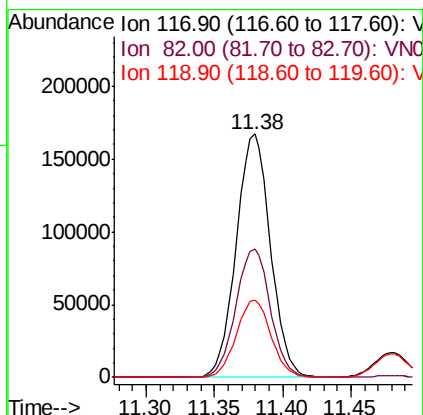
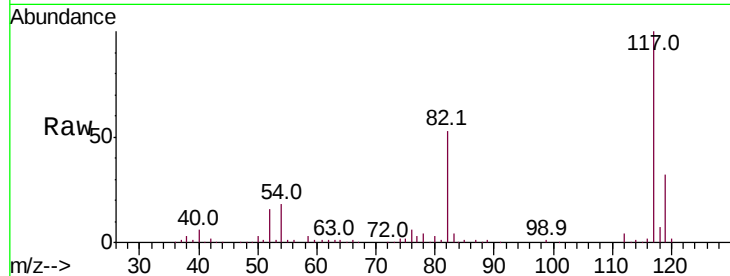




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

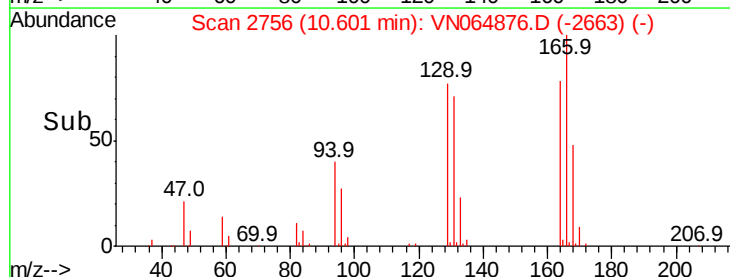
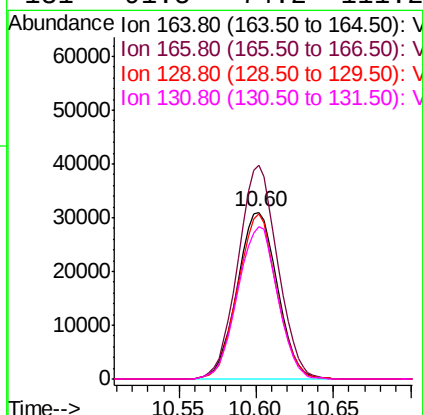
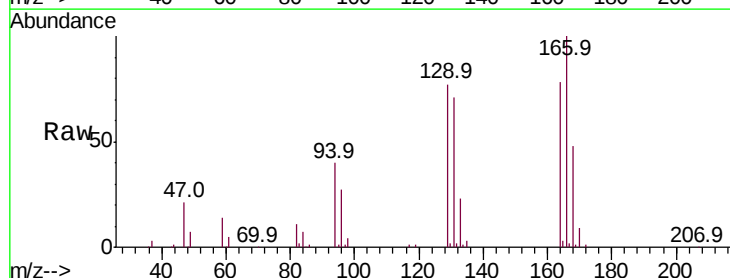
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

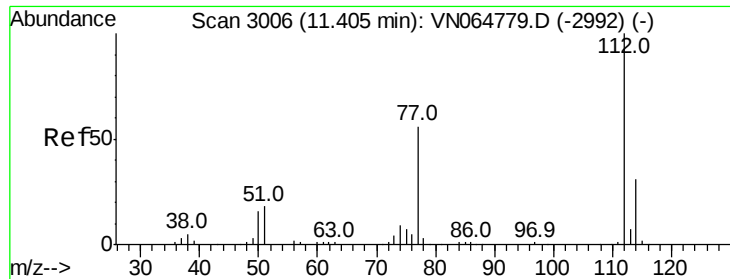
Tot Ion:117 Resp: 291552
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 19.752 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion:164 Resp: 56026
Ion Ratio Lower Upper
164 100
166 128.2 101.4 152.0
129 99.0 76.1 114.1
131 91.5 74.2 111.2

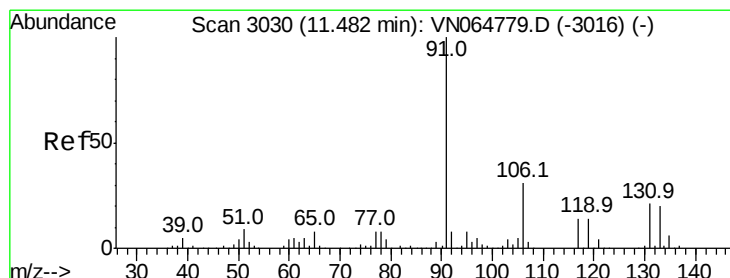
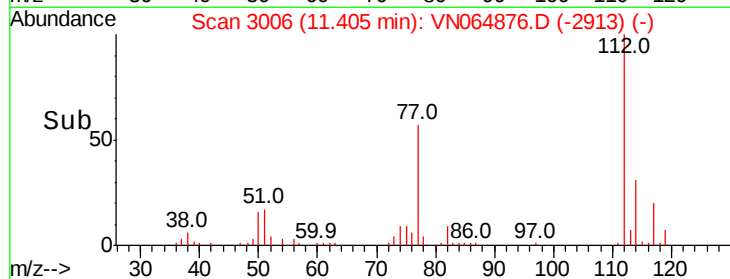
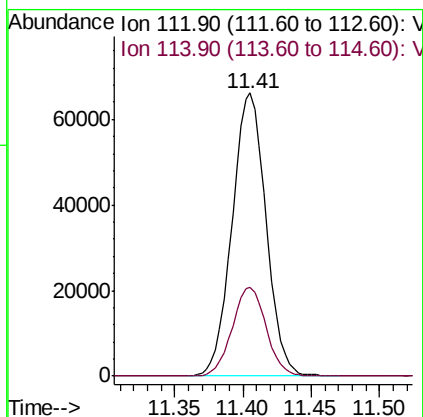
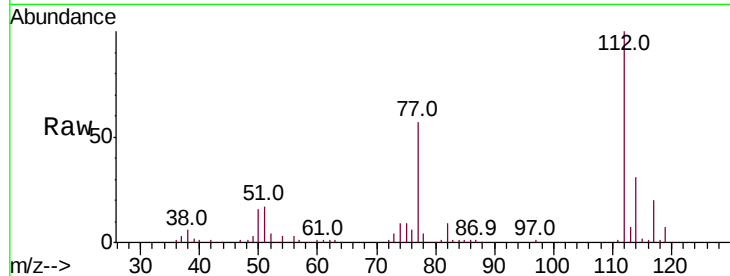




#65
Chlorobenzene
Concen: 18.221 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

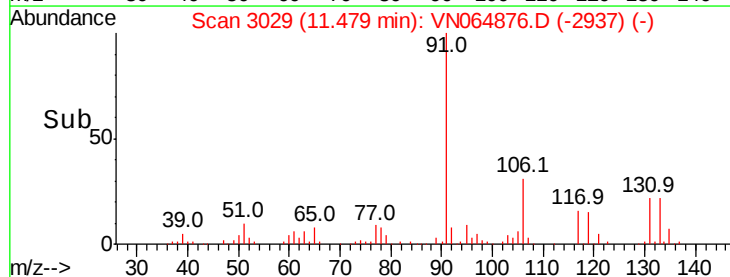
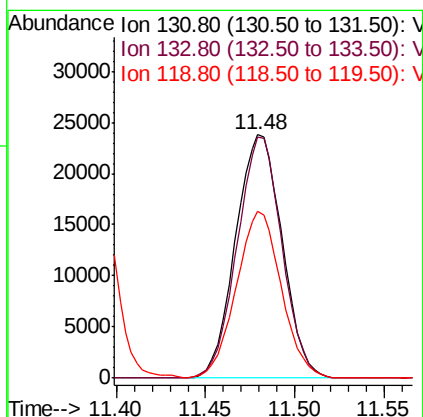
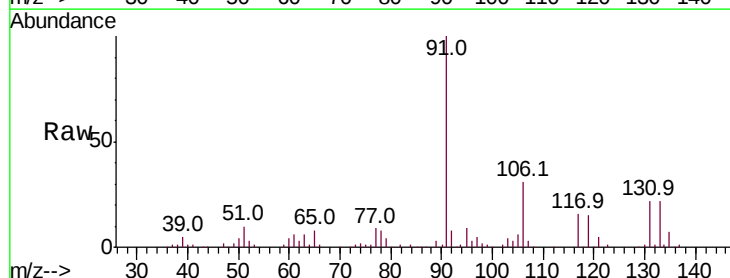
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

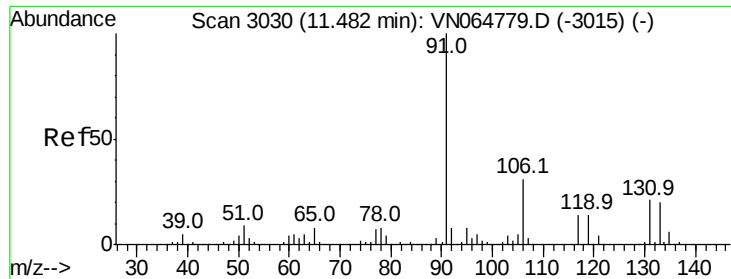
Tot Ion:112 Resp: 114084
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.775 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion:131 Resp: 43200
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.5
119 66.6 33.3 99.8

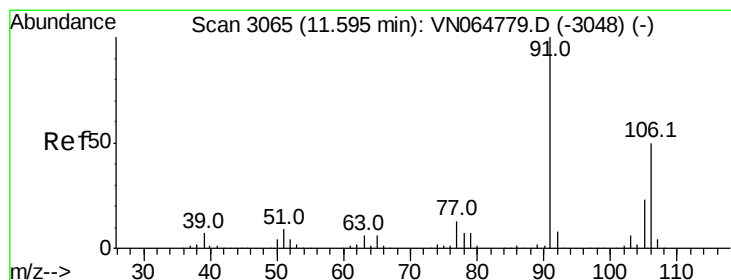
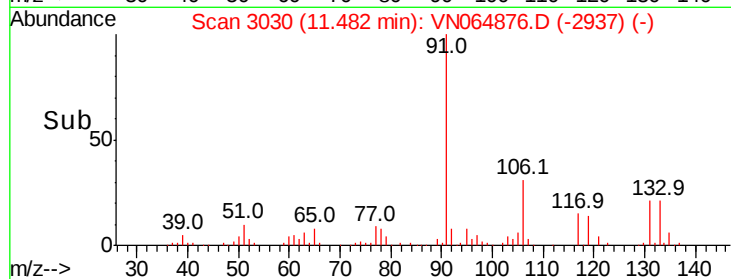
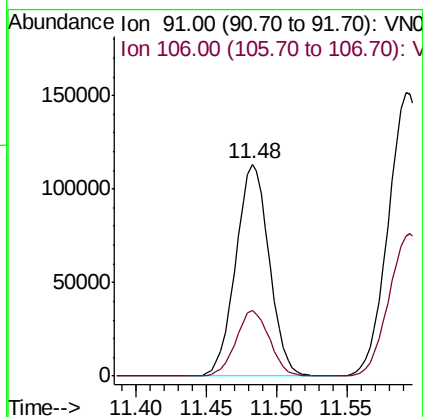
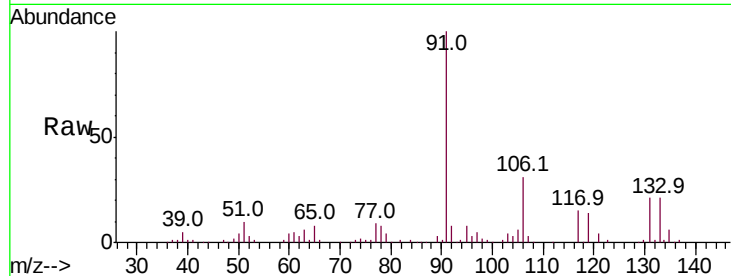




#67
Ethyl Benzene
Concen: 18.026 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

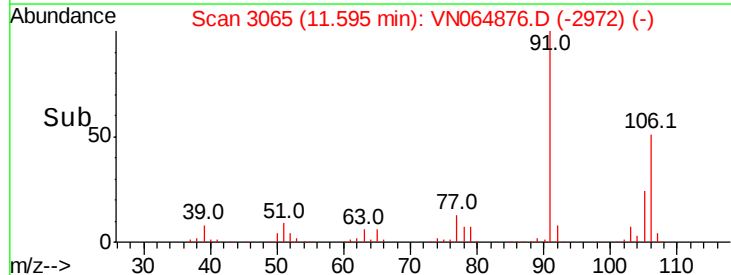
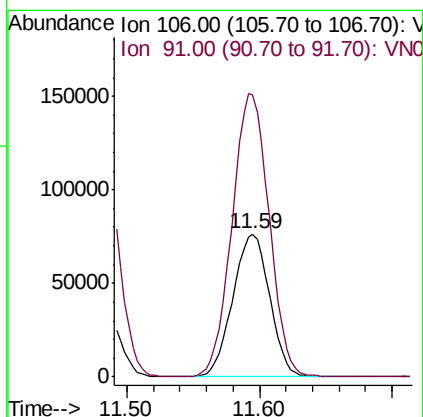
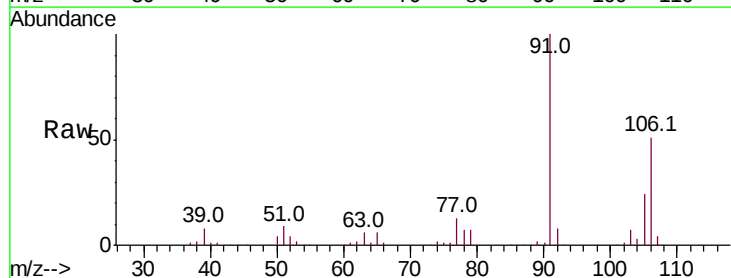
Instrument :
MSVOA_N
ClientSampled :
VN1201WBS01

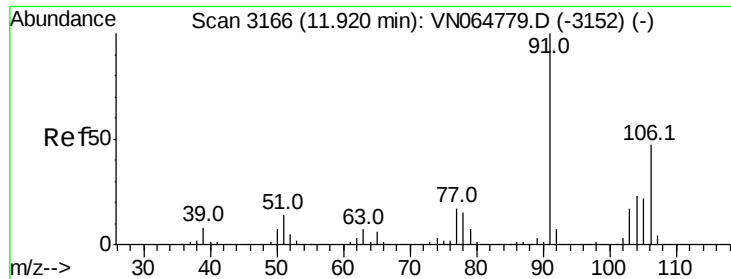
Tot Ion: 91 Resp: 188546
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8



#68
m/p-Xylenes
Concen: 37.209 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 106 Resp: 147350
Ion Ratio Lower Upper
106 100
91 198.5 161.0 241.4

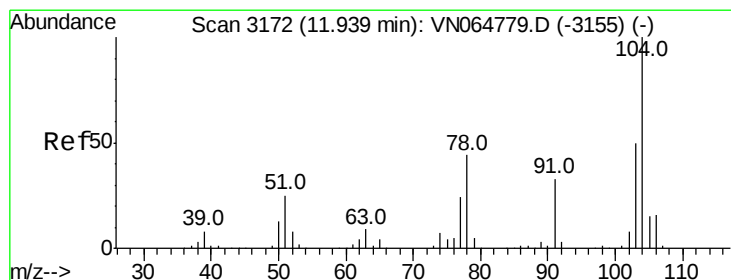
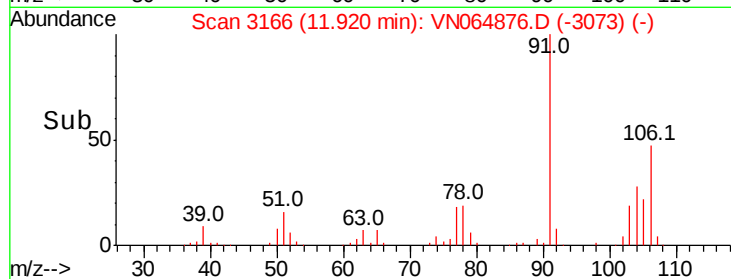
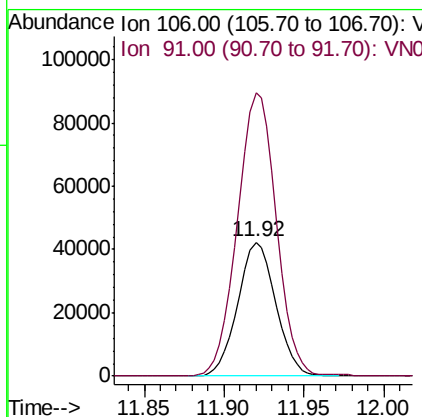
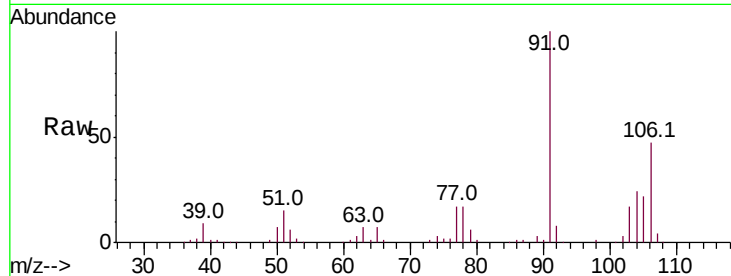




#69
o-Xylene
Concen: 18.168 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

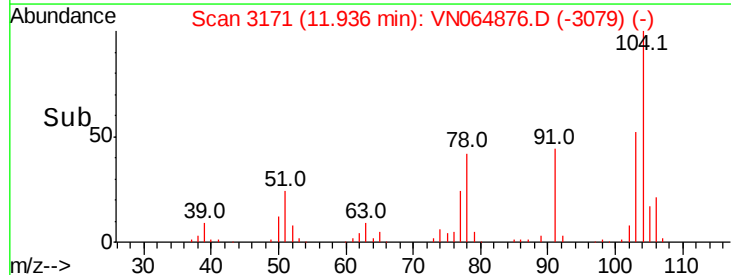
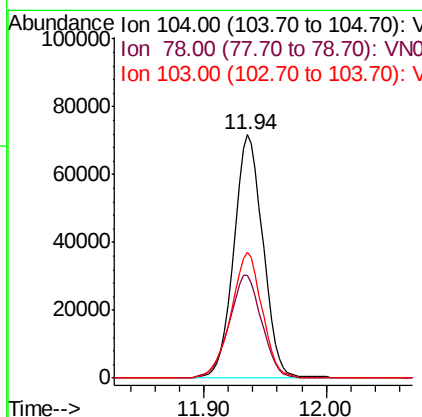
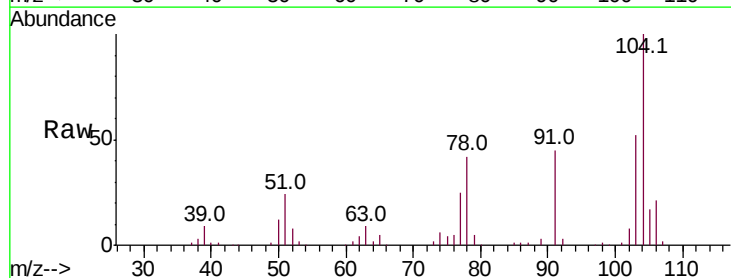
Instrument :
MSVOA_N
ClientSampled :
VN1201WBS01

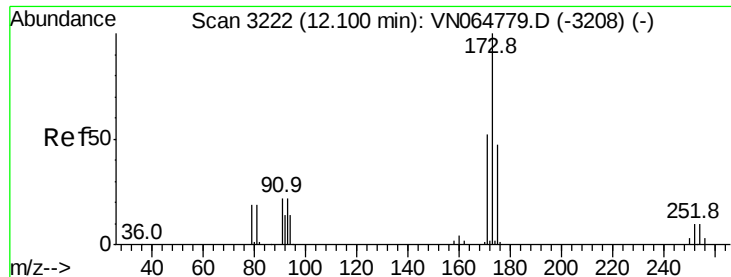
Tot Ion:106 Resp: 68271
Ion Ratio Lower Upper
106 100
91 216.4 105.5 316.5



#70
Styrene
Concen: 18.762 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion:104 Resp: 119022
Ion Ratio Lower Upper
104 100
78 47.6 39.0 58.6
103 54.8 44.3 66.5





#71

Bromoform

Concen: 17.318 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBS01

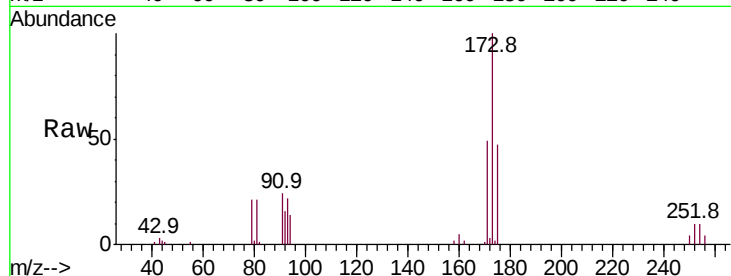
Tot Ion:173 Resp: 31826

Ion Ratio Lower Upper

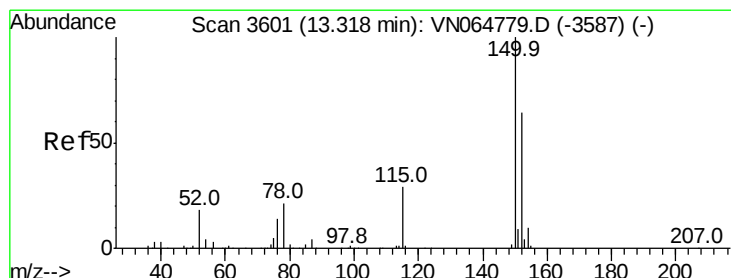
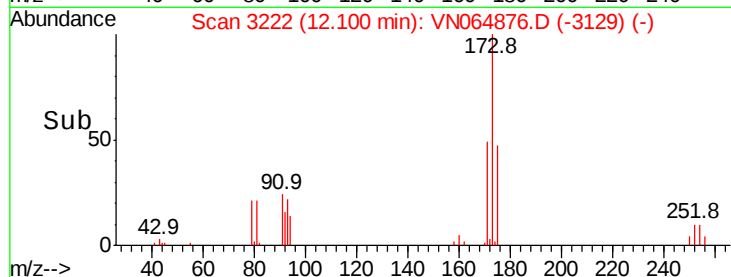
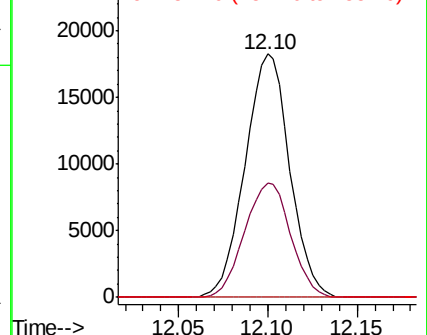
173 100

175 48.5 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

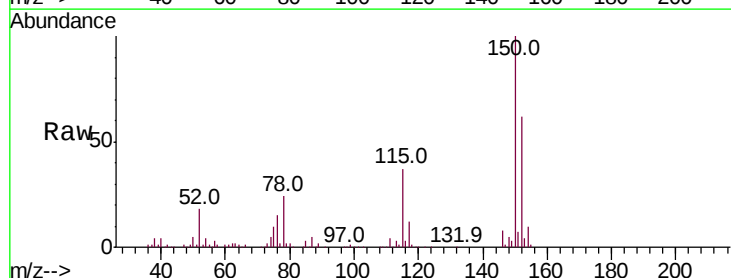
Tgt Ion:152 Resp: 142646

Ion Ratio Lower Upper

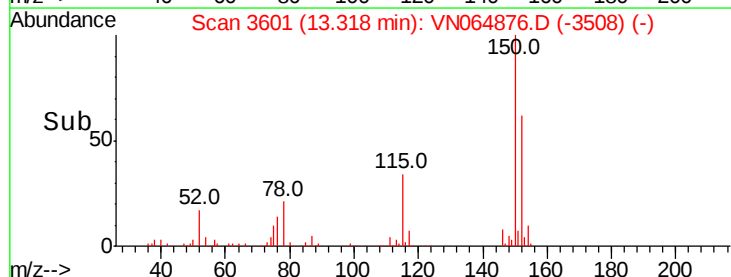
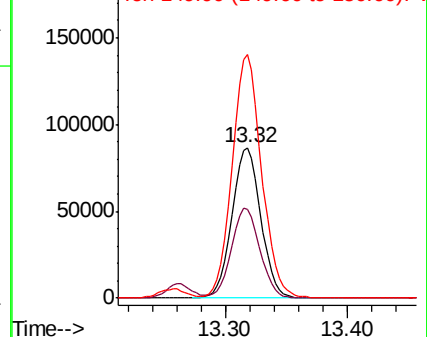
152 100

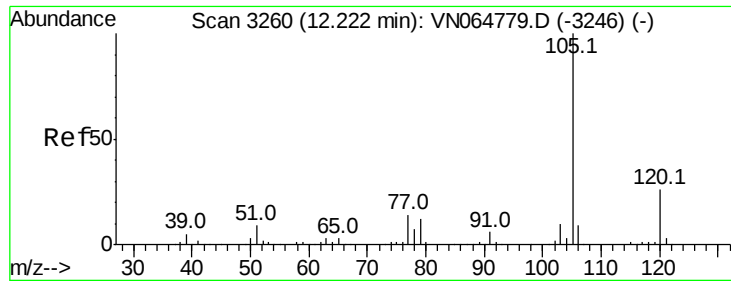
115 59.5 29.7 89.1

150 165.1 0.0 350.6



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





#73

Isopropylbenzene

Concen: 18.616 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampled :

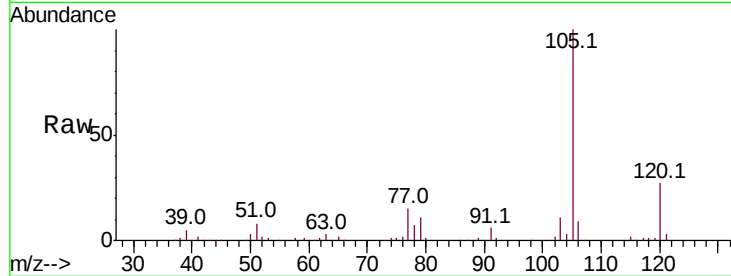
VN1201WBS01

Tot Ion:105 Resp: 184705

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

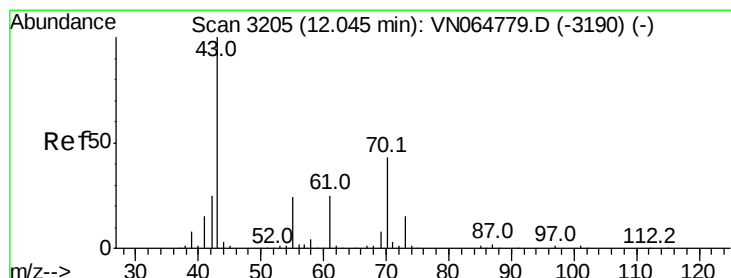
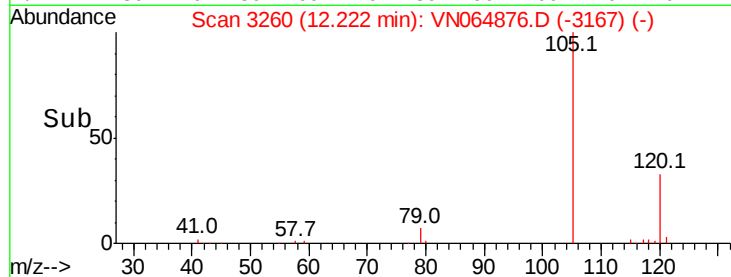
100000

50000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 17.251 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Tgt Ion: 43 Resp: 67360

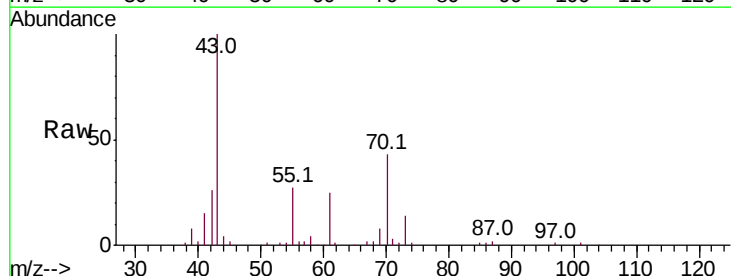
Ion Ratio Lower Upper

43 100

70 42.8 34.5 51.7

55 26.6 20.4 30.6

61 24.3 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.05

60000

50000

40000

30000

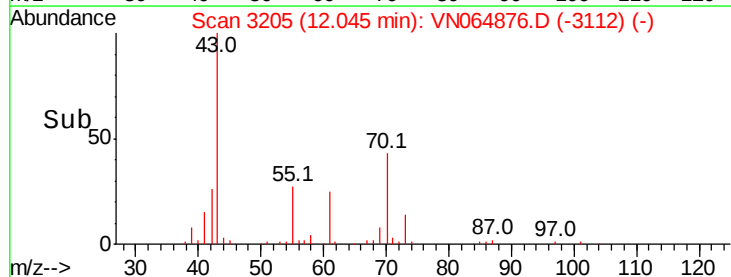
20000

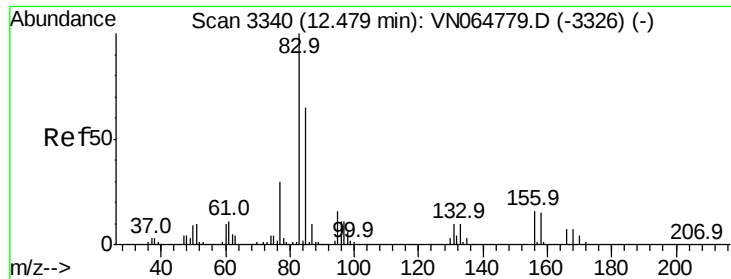
10000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 17.745 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBS01

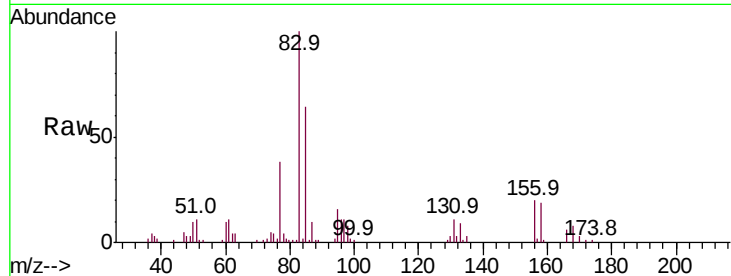
Tot Ion: 83 Resp: 51605

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

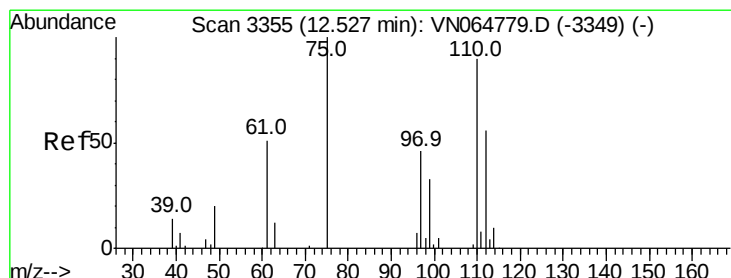
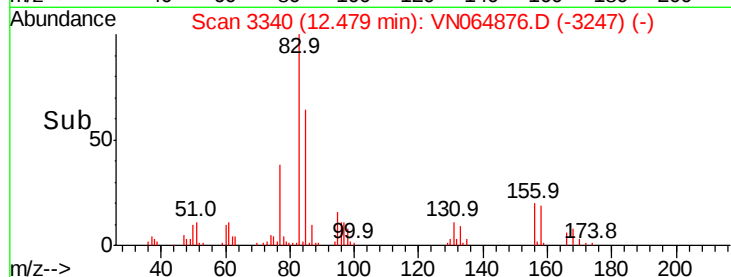
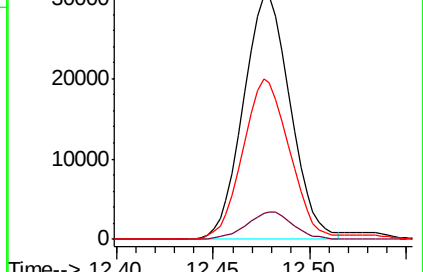
85 64.7 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN064779.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 24.683 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064876.D

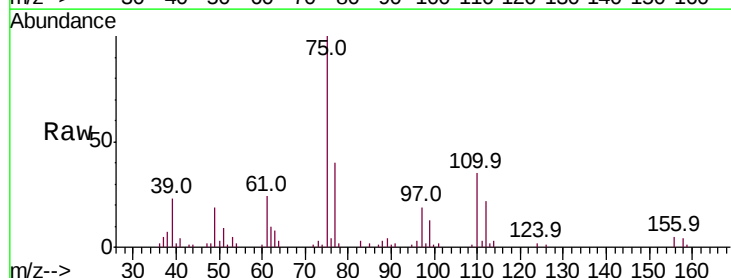
Acq: 1 Dec 2020 12:30

Tgt Ion: 75 Resp: 75826

Ion Ratio Lower Upper

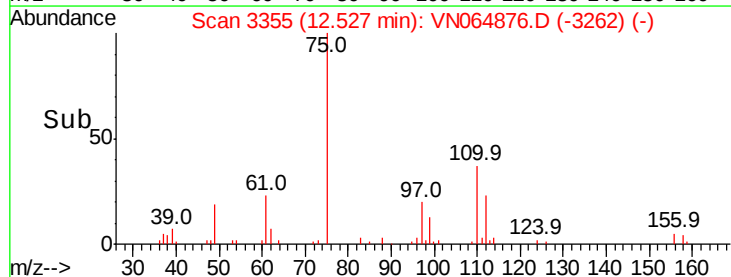
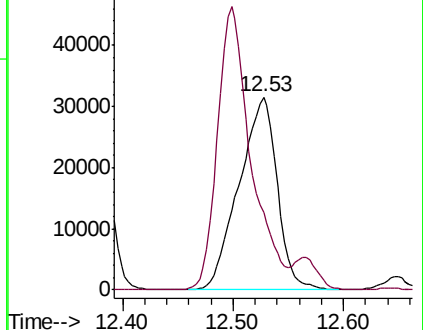
75 100

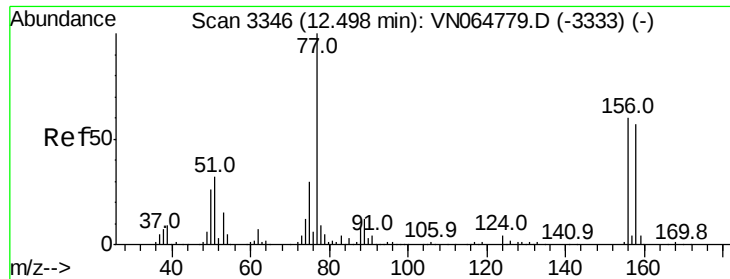
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)





#77

Bromobenzene

Concen: 18.303 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBS01

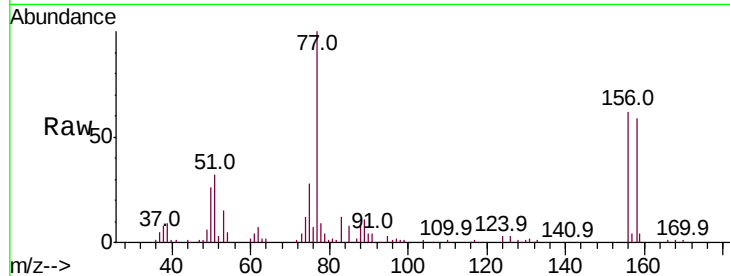
Tot Ion:156 Resp: 48961

Ion Ratio Lower Upper

156 100

77 199.1 101.3 303.7

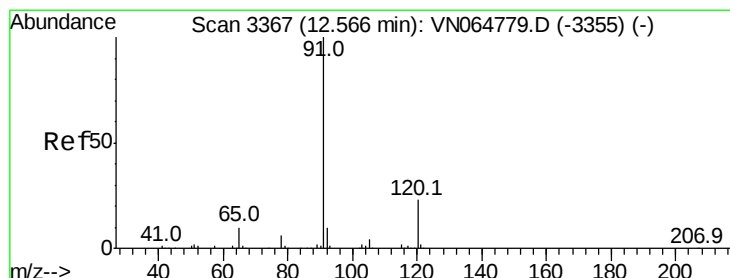
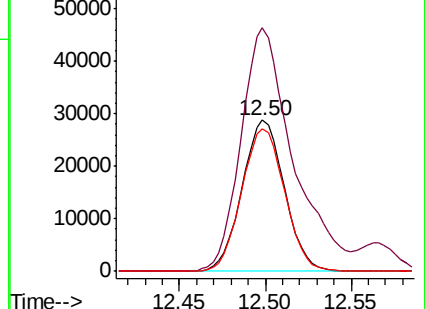
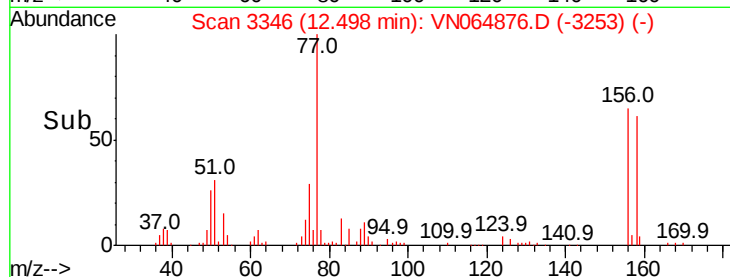
158 95.9 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.574 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064876.D

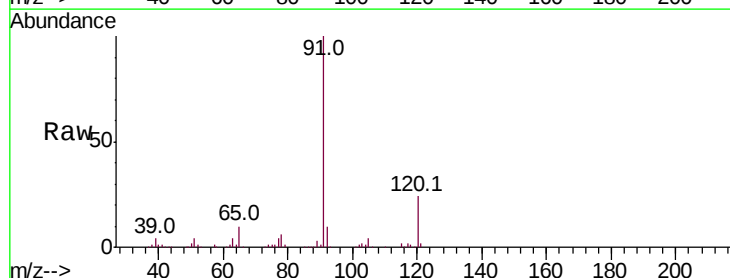
Acq: 1 Dec 2020 12:30

Tgt Ion: 91 Resp: 209949

Ion Ratio Lower Upper

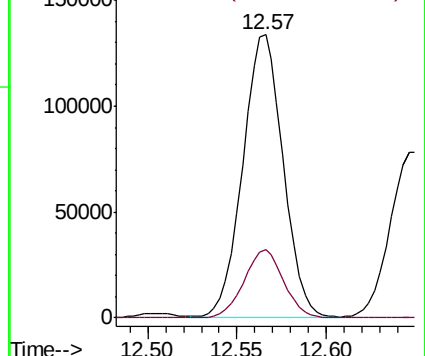
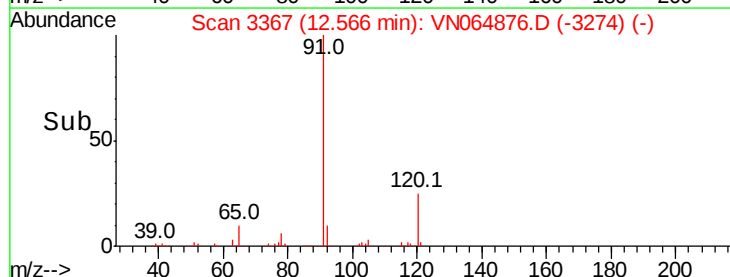
91 100

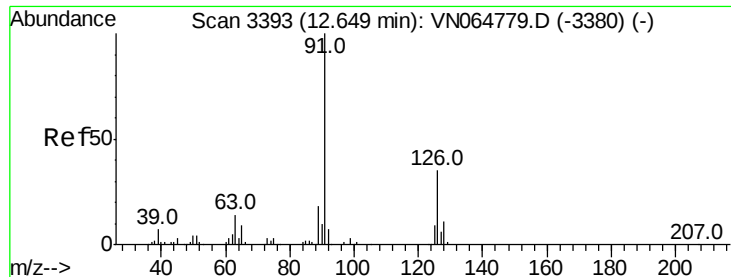
120 23.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.465 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampled :

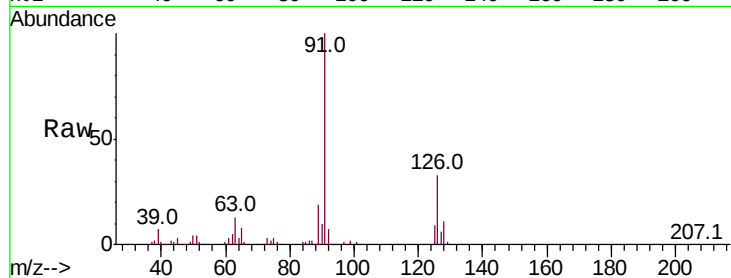
VN1201WBS01

Tot Ion: 91 Resp: 129013

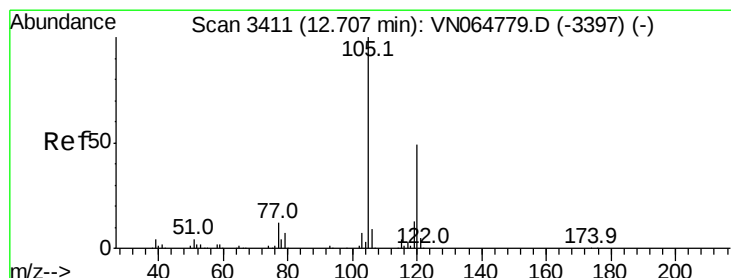
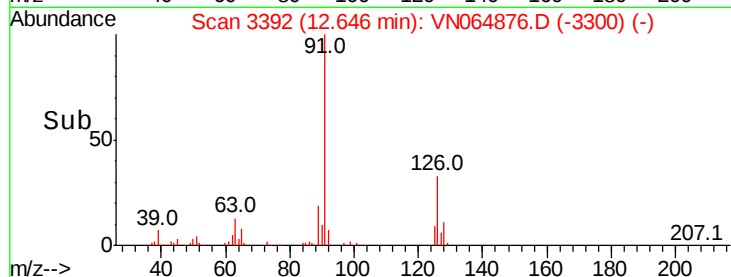
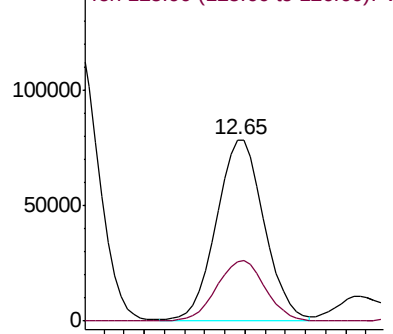
Ion Ratio Lower Upper

91 100

126 34.1 17.2 51.6



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



#80

1,3,5-Trimethylbenzene

Concen: 18.988 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064876.D

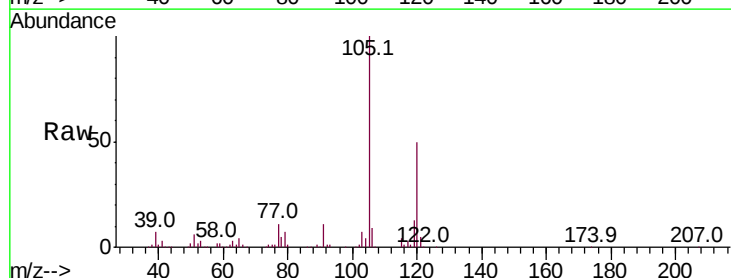
Acq: 1 Dec 2020 12:30

Tgt Ion:105 Resp: 156599

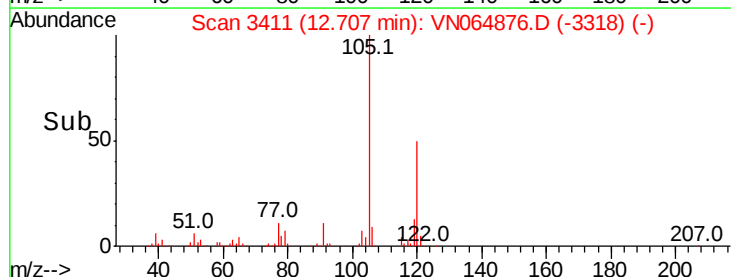
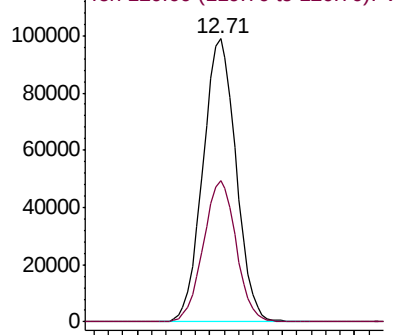
Ion Ratio Lower Upper

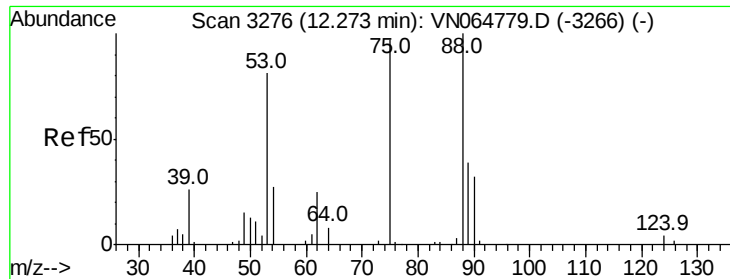
105 100

120 49.4 24.6 73.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 17.263 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBS01

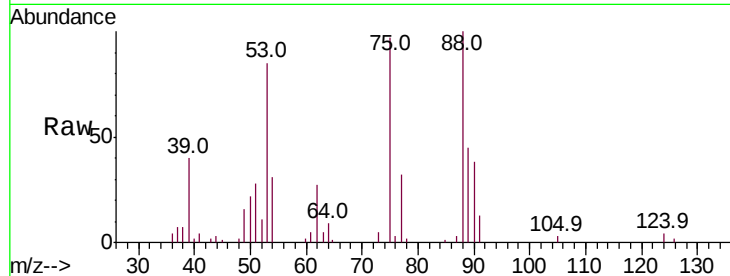
Tot Ion: 75 Resp: 19349

Ion Ratio Lower Upper

75 100

53 86.9 67.0 100.4

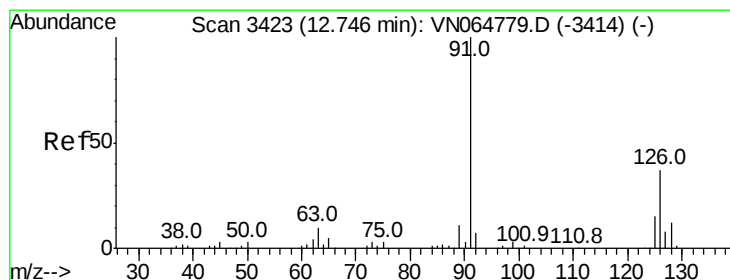
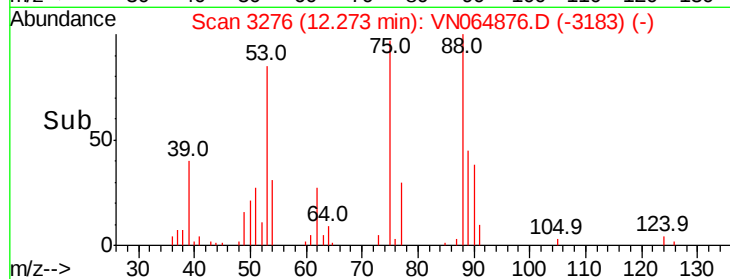
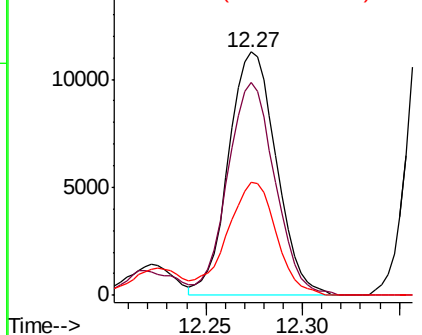
89 47.7 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN064779.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN064779.D (-3266) (-)



#82

4-Chlorotoluene

Concen: 18.470 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064876.D

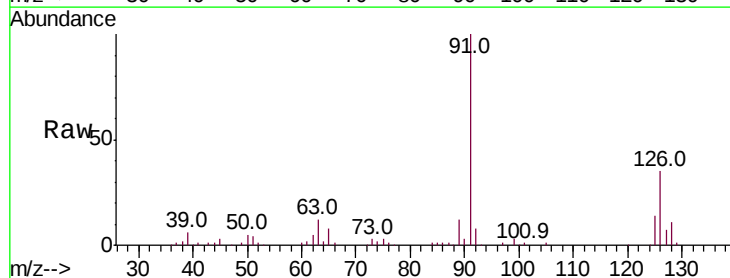
Acq: 1 Dec 2020 12:30

Tgt Ion: 91 Resp: 135267

Ion Ratio Lower Upper

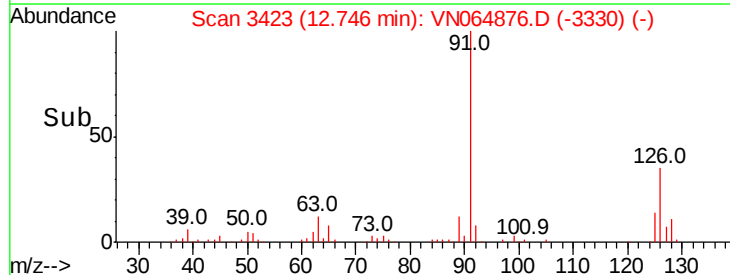
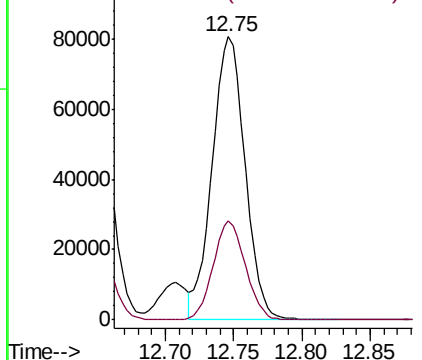
91 100

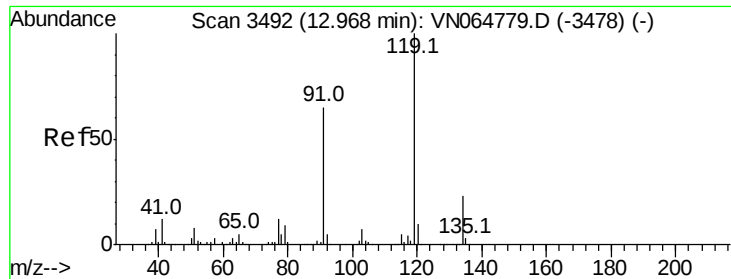
126 34.2 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3414) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3414) (-)

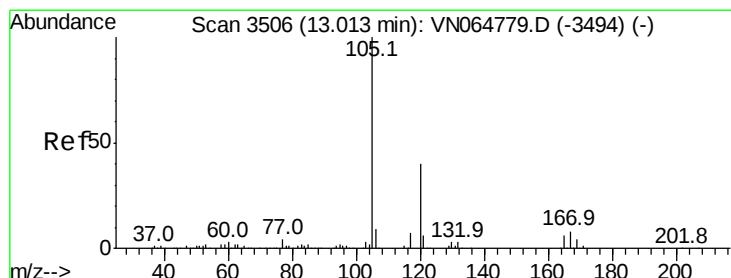
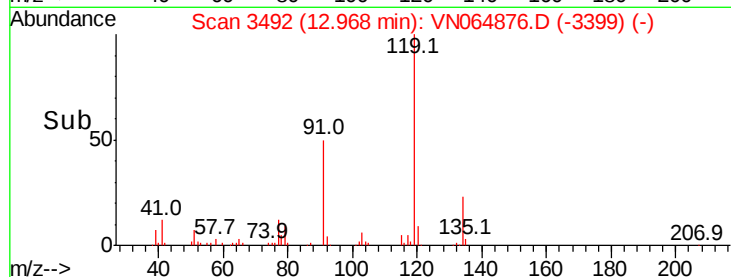
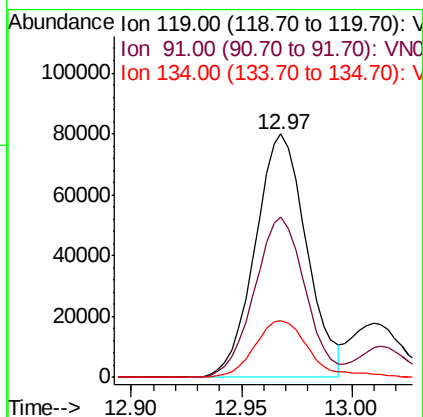
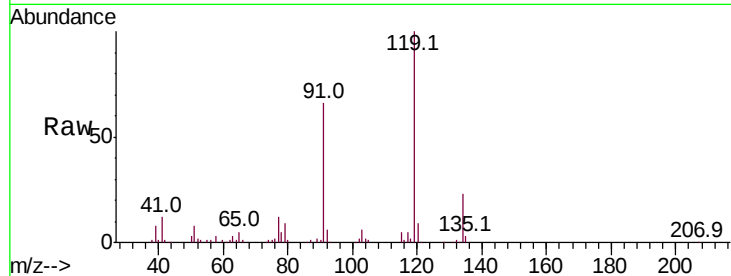




#83
tert-Butylbenzene
Concen: 18.627 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

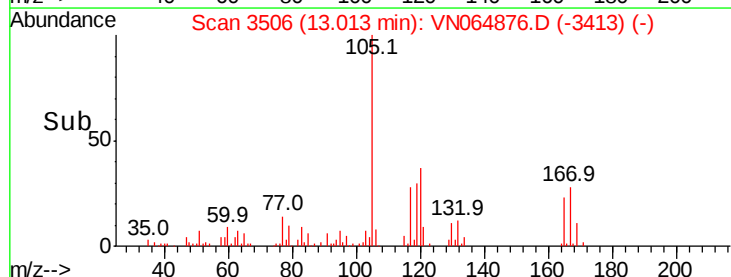
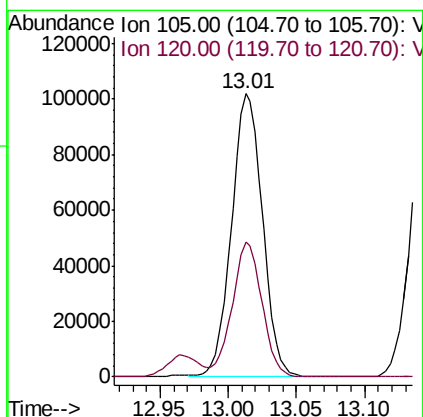
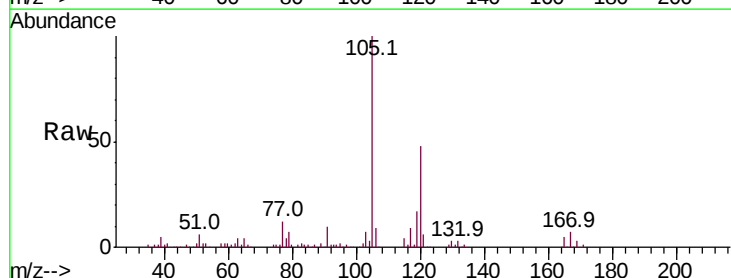
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

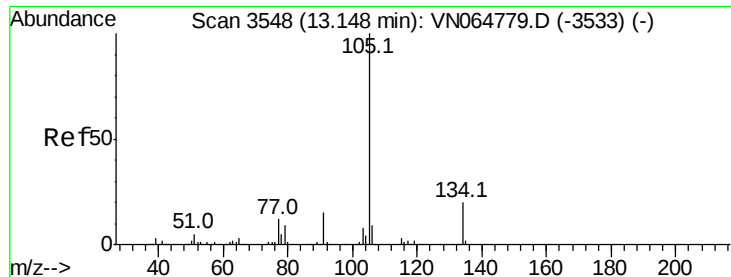
Tot Ion:119 Resp: 128764
Ion Ratio Lower Upper
119 100
91 65.6 32.3 96.8
134 24.9 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 19.155 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion:105 Resp: 159726
Ion Ratio Lower Upper
105 100
120 46.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 18.939 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

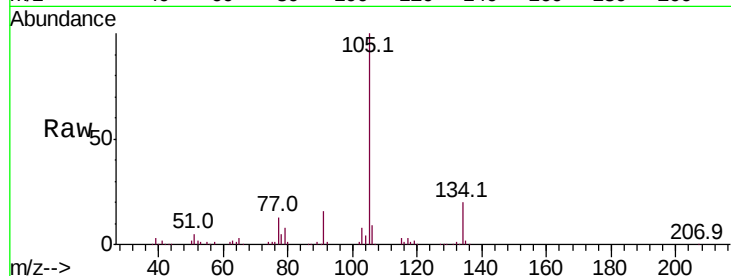
VN1201WBS01

Tot Ion:105 Resp: 173826

Ion Ratio Lower Upper

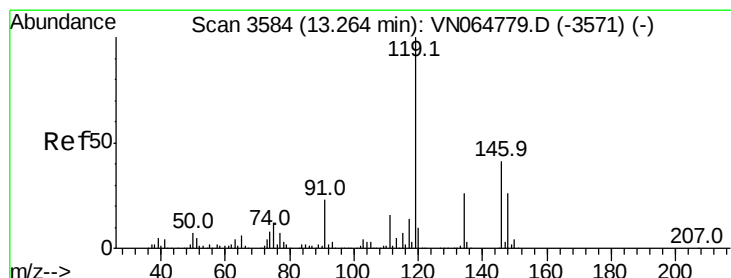
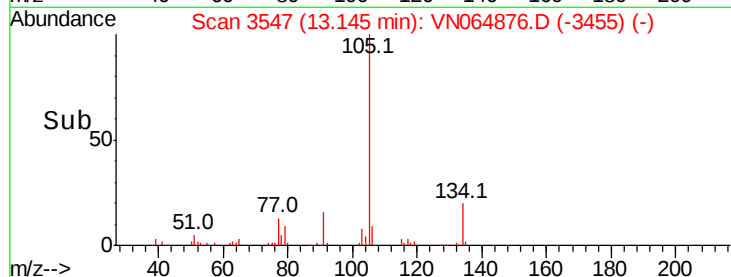
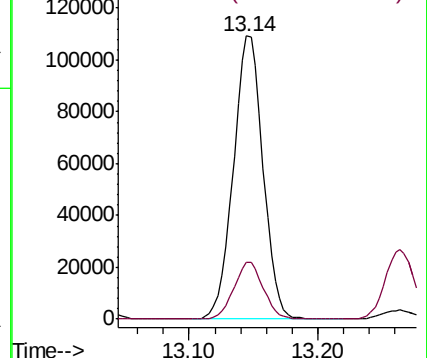
105 100

134 19.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.040 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

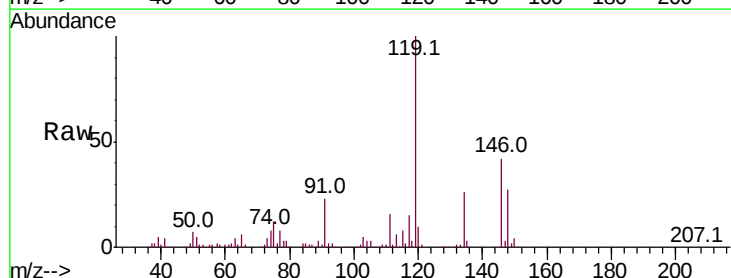
Tgt Ion:119 Resp: 159102

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

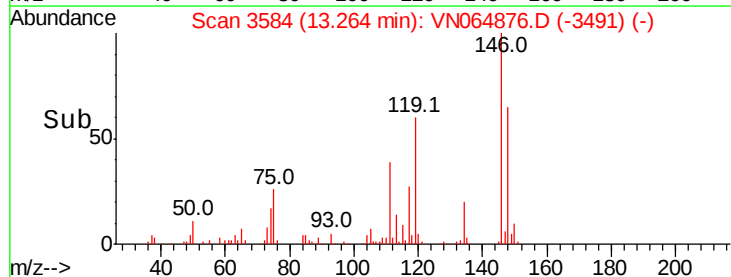
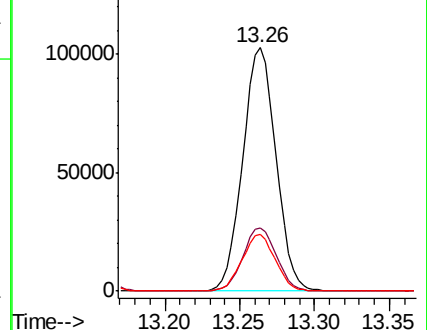
91 23.3 11.5 34.5

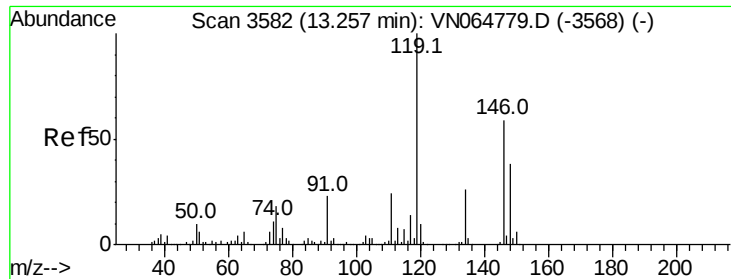


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

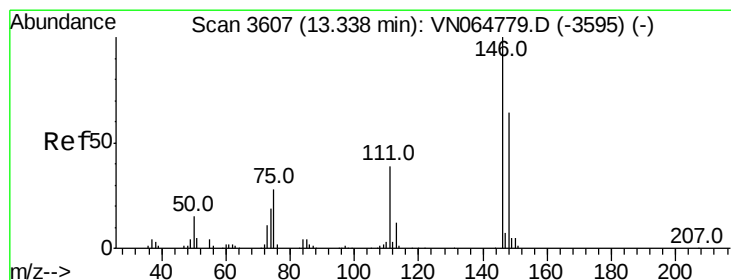
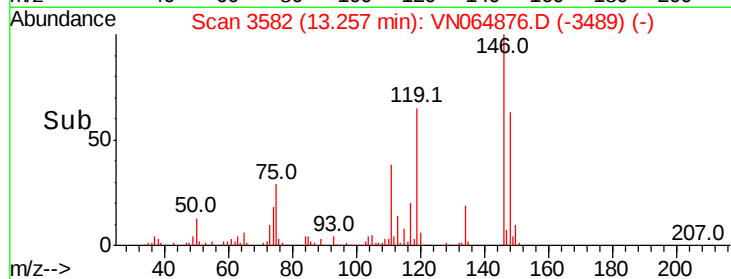
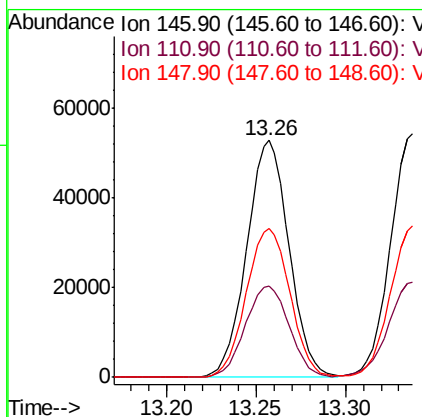
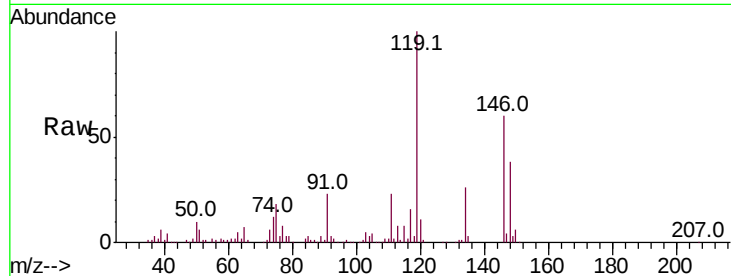




#87
 1,3-Dichlorobenzene
 Concen: 18.410 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

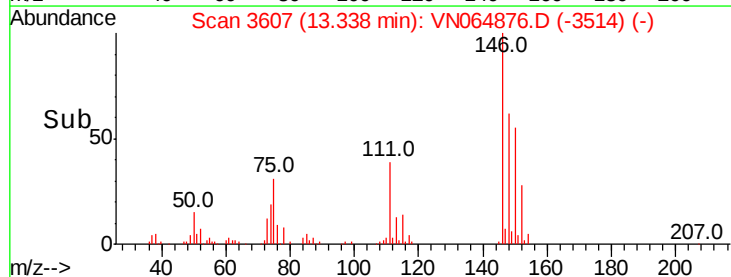
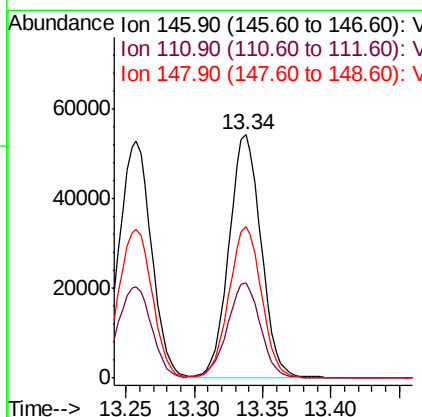
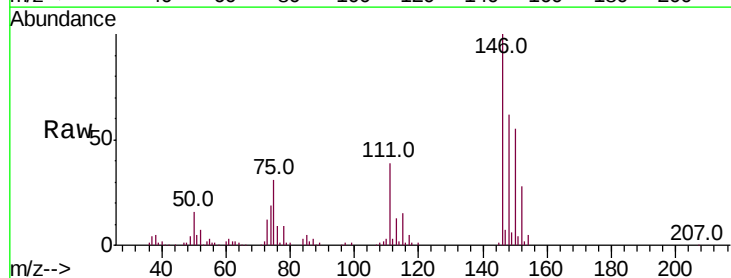
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

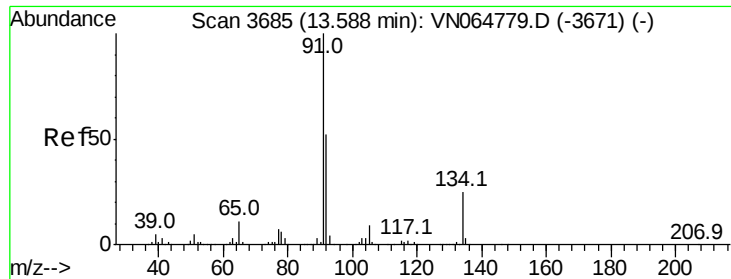
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.6	61.9
148	65.0	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 17.680 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.8	59.3
148	62.9	31.9	95.5

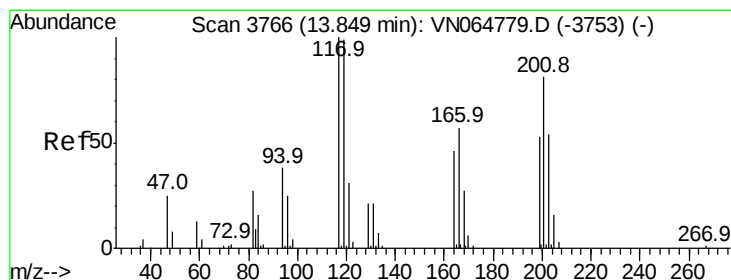
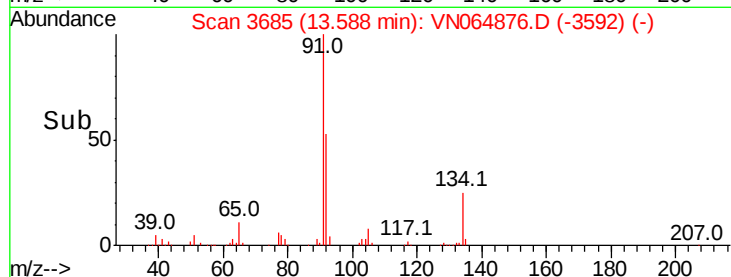
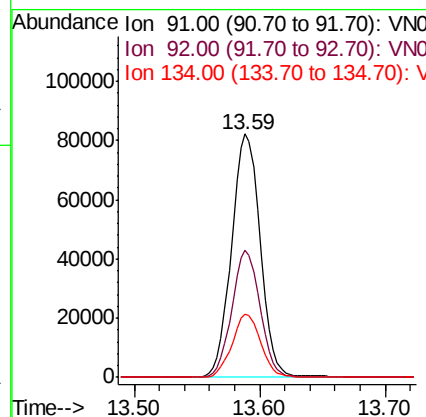
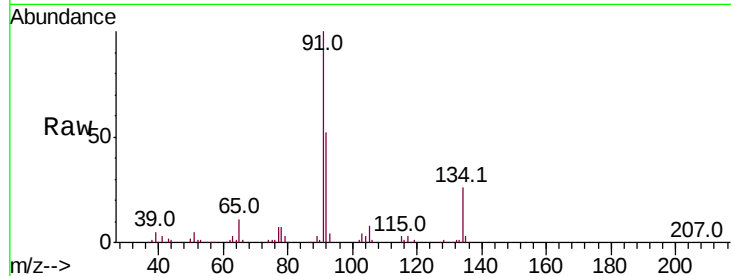




#89
n-Butylbenzene
Concen: 17.789 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

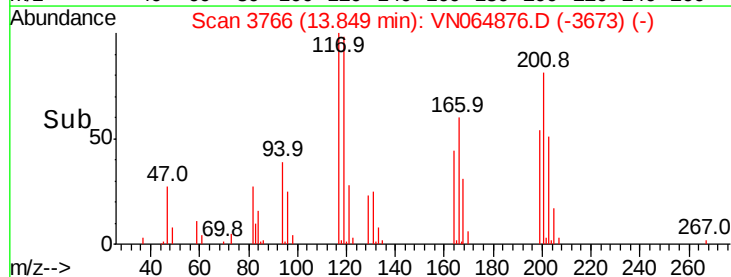
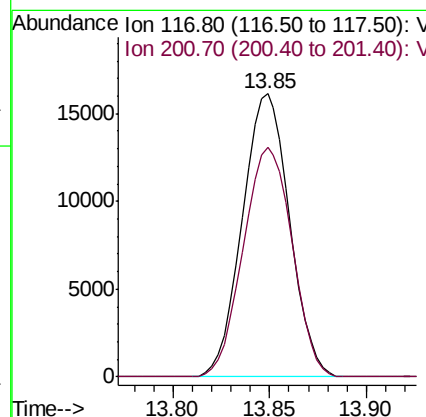
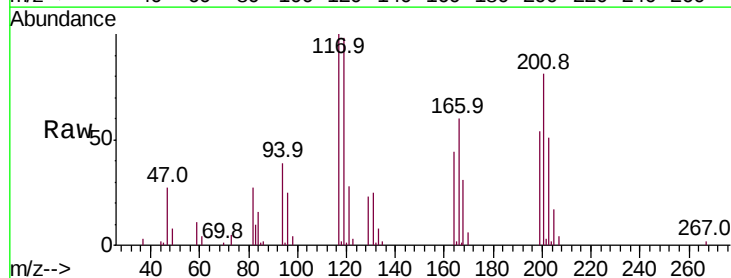
Instrument :
MSVOA_N
ClientSampled :
VN1201WBS01

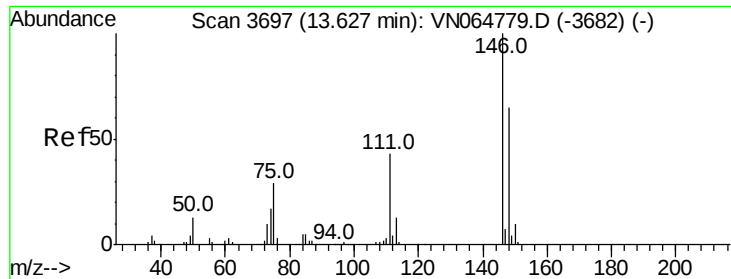
Tot Ion: 91 Resp: 130544
Ion Ratio Lower Upper
91 100
92 51.3 26.0 78.0
134 25.8 12.9 38.6



#90
Hexachloroethane
Concen: 18.854 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 117 Resp: 27369
Ion Ratio Lower Upper
117 100
201 84.0 40.1 120.3

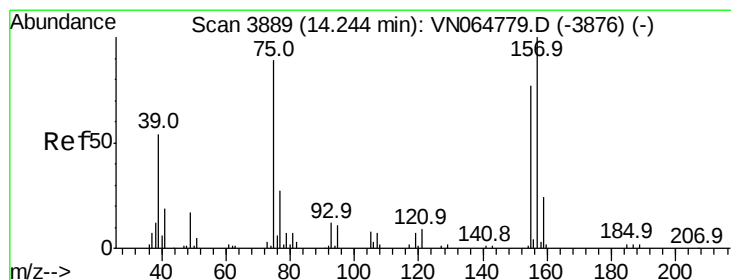
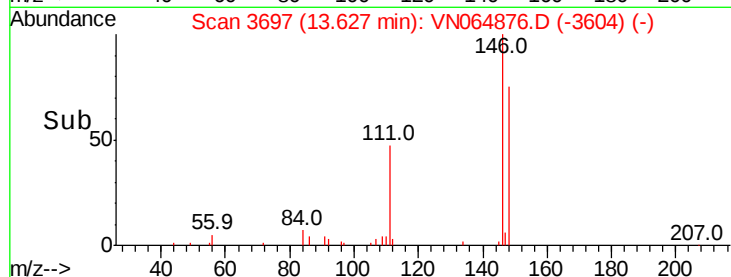
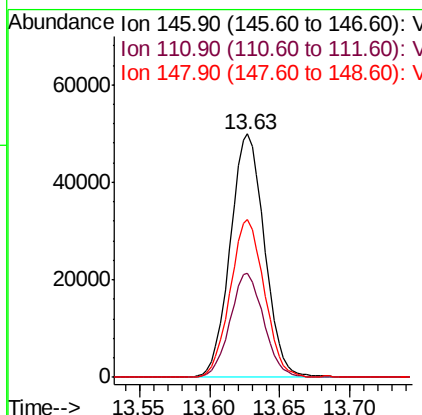
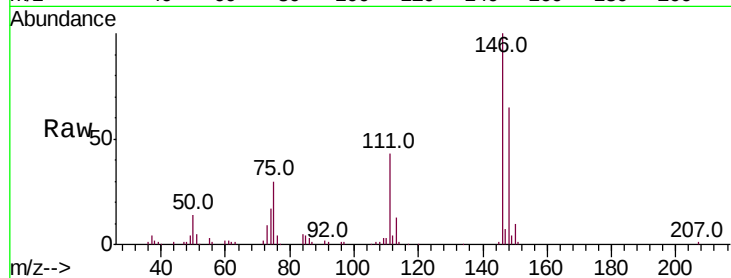




#91
 1,2-Dichlorobenzene
 Concen: 18.233 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

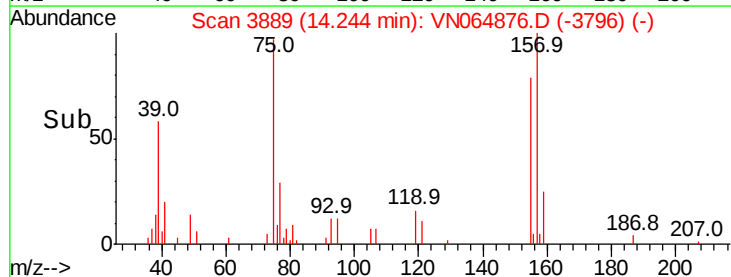
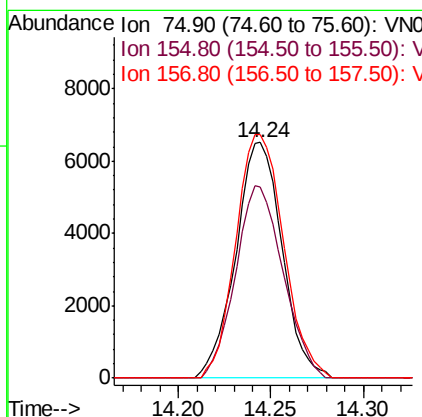
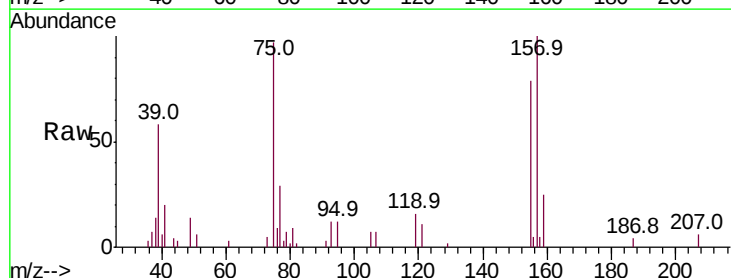
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

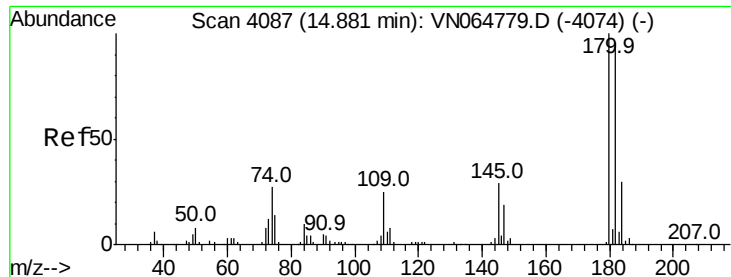
Tot Ion:146 Resp: 85084
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.1 63.1
 148 64.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.278 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion: 75 Resp: 11306
 Ion Ratio Lower Upper
 75 100
 155 83.3 42.8 128.3
 157 106.6 56.4 169.1

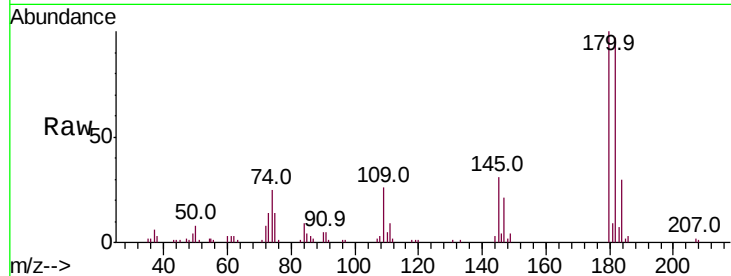




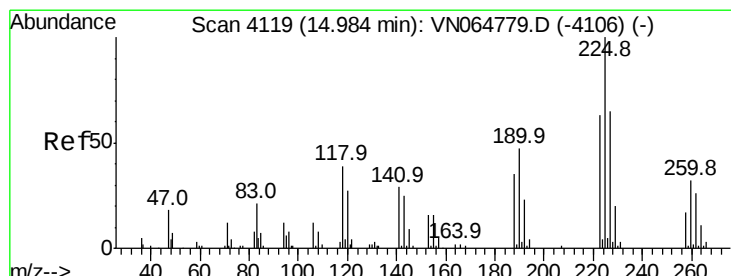
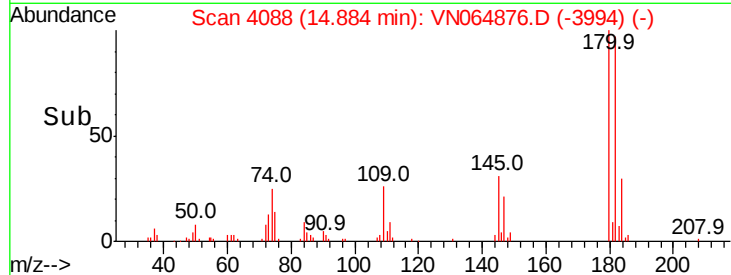
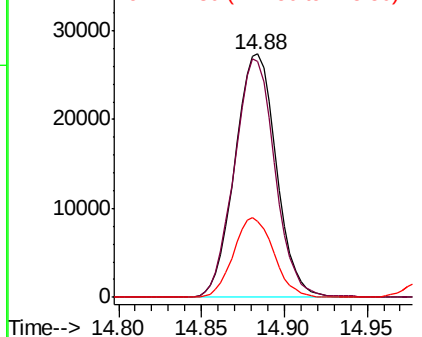
#93
 1,2,4-Trichlorobenzene
 Concen: 16.447 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Tot Ion:180 Resp: 47479
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.6 142.9
 145 31.7 15.3 45.8

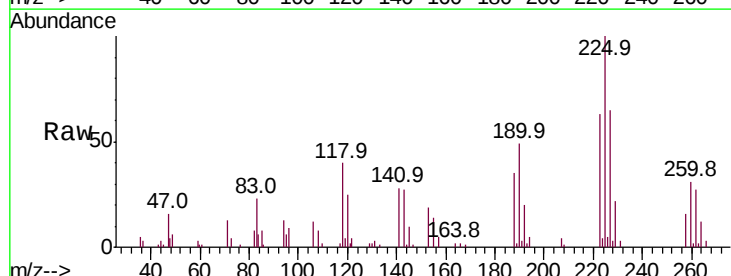


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

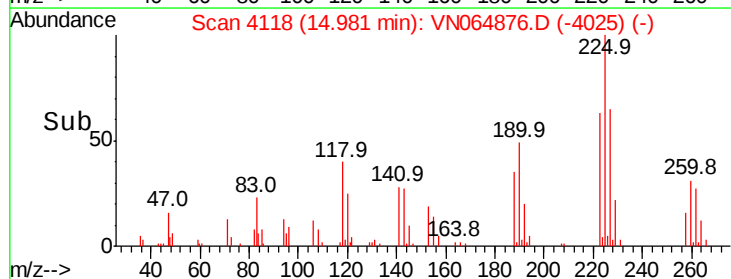
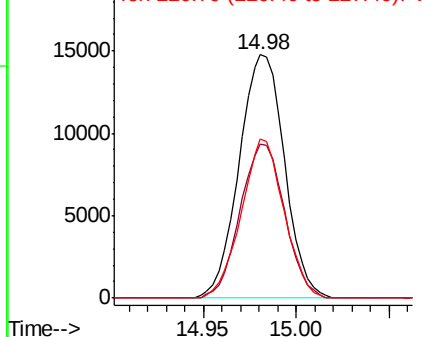


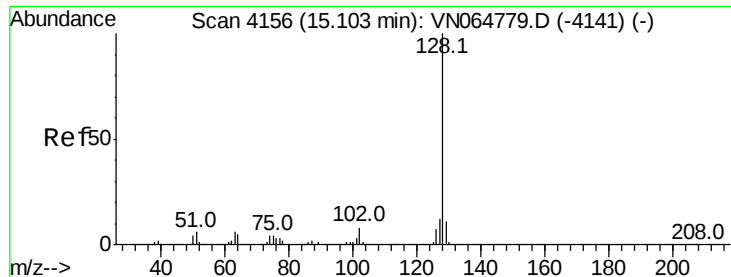
#94
 Hexachlorobutadiene
 Concen: 19.608 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion:225 Resp: 25193
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.0 93.0
 227 61.3 32.0 96.0



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

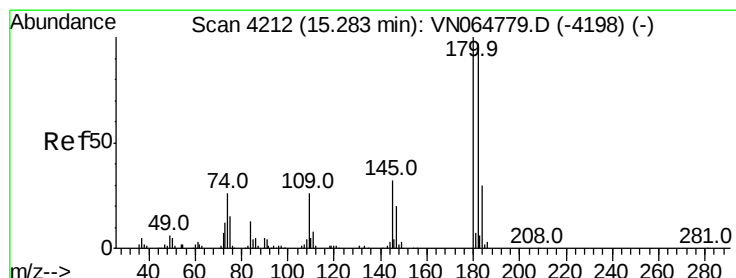
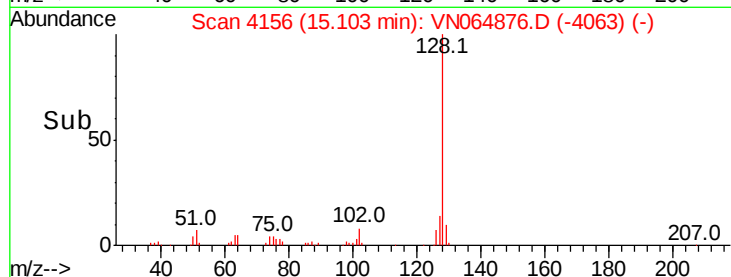
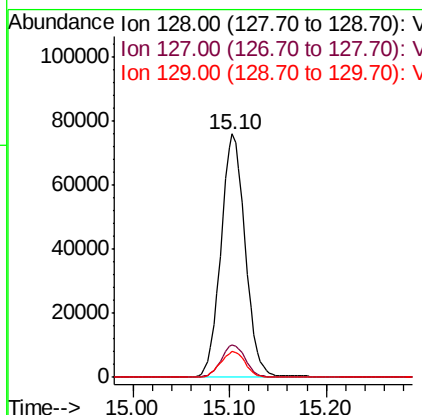
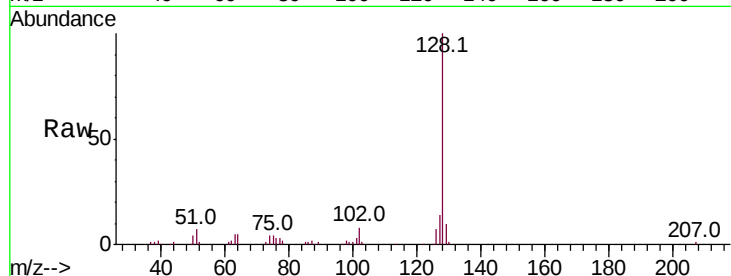




#95
Naphthalene
Concen: 15.367 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Tot Ion:128 Resp: 132898
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.725 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion:180 Resp: 46089
Ion Ratio Lower Upper
180 100
182 96.9 48.1 144.4
145 31.4 16.4 49.1

