

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064987.D
 Acq On : 8 Dec 2020 23:26
 Operator : JC/MD
 Sample : VN1208WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Quant Time: Dec 09 07:57:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	188057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	307172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	271089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	132471	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	108316	49.54	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.08%	
35) Dibromofluoromethane		7.55	113	95771	52.11	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.22%	
50) Toluene-d8		10.06	98	363501	48.40	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.80%	
62) 4-Bromofluorobenzene		12.37	95	126458	47.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	25423	15.598	ug/l	99
3) Chloromethane	2.04	50	33808	15.962	ug/l	99
4) Vinyl Chloride	2.17	62	37405	16.939	ug/l	98
5) Bromomethane	2.53	94	26154	18.053	ug/l	96
6) Chloroethane	2.67	64	24813	18.168	ug/l	96
7) Trichlorofluoromethane	2.99	101	56007	18.349	ug/l	99
8) Diethyl Ether	3.37	74	22569	18.732	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	34220	18.689	ug/l	100
10) Methyl Iodide	3.91	142	37529	15.801	ug/l	99
11) Tert butyl alcohol	4.74	59	28675	84.102	ug/l	98
12) 1,1-Dichloroethene	3.69	96	32206	17.661	ug/l	98
13) Acrolein	3.57	56	14769	70.915	ug/l	96
14) Allyl chloride	4.28	41	51832	17.233	ug/l	99
15) Acrylonitrile	4.93	53	86796	92.150	ug/l	99
16) Acetone	3.78	43	66044	91.894	ug/l	99
17) Carbon Disulfide	4.01	76	75525	16.044	ug/l	99
18) Methyl Acetate	4.28	43	41903	19.392	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	107839	18.438	ug/l	98
20) Methylene Chloride	4.50	84	41231	18.308	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	35301	17.432	ug/l	98
22) Diisopropyl ether	5.90	45	116836	19.407	ug/l	97
23) Vinyl Acetate	5.85	43	446679	92.784	ug/l	99
24) 1,1-Dichloroethane	5.79	63	69572	19.337	ug/l	99
25) 2-Butanone	6.79	43	106177	91.136	ug/l	96
26) 2,2-Dichloropropane	6.77	77	52505	16.826	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	43022	18.880	ug/l	95
28) Bromochloromethane	7.15	49	31464	19.116	ug/l	97
29) Tetrahydrofuran	7.17	42	70589	87.774	ug/l	98
30) Chloroform	7.32	83	70982	19.131	ug/l	93
31) Cyclohexane	7.61	56	50148	16.457	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	60964	19.131	ug/l	98
36) 1,1-Dichloropropene	7.75	75	50200	17.631	ug/l	98
37) Ethyl Acetate	6.88	43	45638	16.640	ug/l #	83
38) Carbon Tetrachloride	7.73	117	52642	17.770	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064987.D
 Acq On : 8 Dec 2020 23:26
 Operator : JC/MD
 Sample : VN1208WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Quant Time: Dec 09 07:57:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	46871	15.292	ug/l	96
40) Benzene	8.00	78	156067	17.888	ug/l	99
41) Methacrylonitrile	7.13	41	20455	16.164	ug/l #	88
42) 1,2-Dichloroethane	8.09	62	52828	17.949	ug/l	98
43) Isopropyl Acetate	8.13	43	80301	18.196	ug/l	98
44) Trichloroethene	8.80	130	42868	16.653	ug/l	99
45) 1,2-Dichloropropane	9.08	63	41805	18.503	ug/l	100
46) Dibromomethane	9.17	93	28326	18.766	ug/l	95
47) Bromodichloromethane	9.37	83	55445	18.255	ug/l	99
48) Methyl methacrylate	9.17	41	37267	17.672	ug/l	99
49) 1,4-Dioxane	9.17	88	13437	337.137	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	234644	88.564	ug/l	99
52) Toluene	10.12	92	99697	18.555	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	58501	17.294	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	64838	17.882	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	40633	18.390	ug/l	97
56) Ethyl methacrylate	10.40	69	51794	16.987	ug/l	96
57) 1,3-Dichloropropane	10.68	76	66309	18.193	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	143309	85.448	ug/l	99
59) 2-Hexanone	10.72	43	162422	85.182	ug/l	99
60) Dibromochloromethane	10.87	129	44704	18.202	ug/l	100
61) 1,2-Dibromoethane	10.98	107	40627	18.099	ug/l	99
64) Tetrachloroethene	10.60	164	43422	16.464	ug/l	95
65) Chlorobenzene	11.41	112	107929	18.540	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	43029	20.112	ug/l	98
67) Ethyl Benzene	11.48	91	178149	18.318	ug/l	99
68) m/p-Xylenes	11.59	106	138043	37.491	ug/l	99
69) o-Xylene	11.92	106	66196	18.945	ug/l	98
70) Styrene	11.94	104	111288	18.867	ug/l	99
71) Bromoform	12.10	173	31575	18.478	ug/l #	100
73) Isopropylbenzene	12.22	105	172708	18.743	ug/l	100
74) N-amyl acetate	12.04	43	63236	17.439	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	55083	20.396	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	70837	24.830	ug/l #	100
77) Bromobenzene	12.50	156	46398	18.678	ug/l	98
78) n-propylbenzene	12.57	91	189764	18.078	ug/l	98
79) 2-Chlorotoluene	12.65	91	120078	18.506	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	145415	18.987	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	17693	16.998	ug/l	95
82) 4-Chlorotoluene	12.75	91	125707	18.483	ug/l	100
83) tert-Butylbenzene	12.97	119	121460	18.920	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	149067	19.250	ug/l	98
85) sec-Butylbenzene	13.14	105	154335	18.107	ug/l	99
86) p-Isopropyltoluene	13.26	119	136803	17.629	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	82050	18.591	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80488	17.244	ug/l	97
89) n-Butylbenzene	13.59	91	107518	15.777	ug/l	99
90) Hexachloroethane	13.85	117	26095	19.357	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	79950	18.449	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10349	17.030	ug/l	95

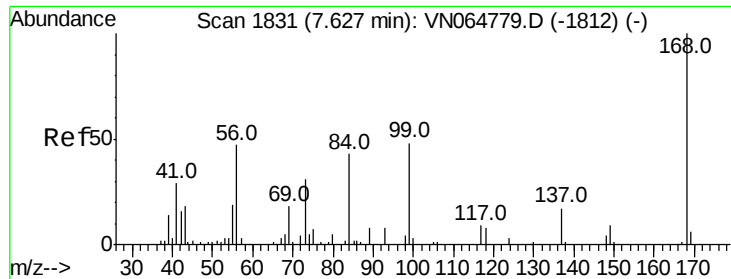
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
Data File : VN064987.D
Acq On : 8 Dec 2020 23:26
Operator : JC/MD
Sample : VN1208WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Quant Time: Dec 09 07:57:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	39461	14.720	ug/l	98
94) Hexachlorobutadiene	14.98	225	20831	17.500	ug/l	98
95) Naphthalene	15.10	128	114437	14.249	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	37258	15.610	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

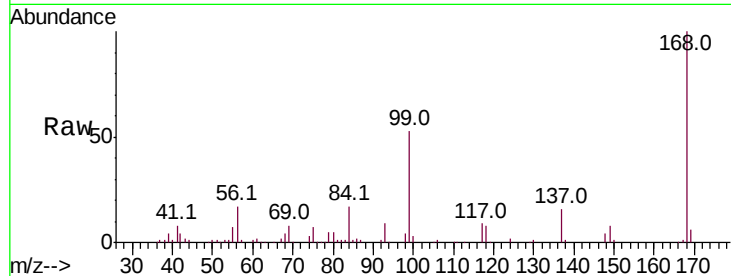
VN1208WBS02

Tot Ion:168 Resp: 188057

Ion Ratio Lower Upper

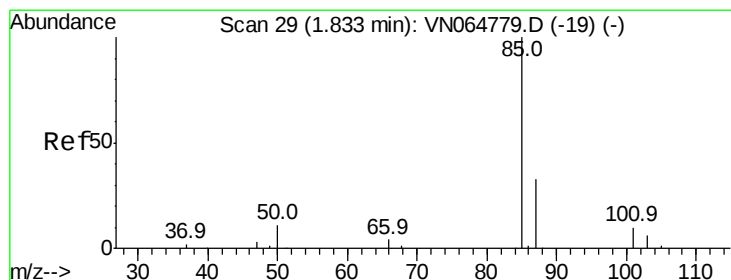
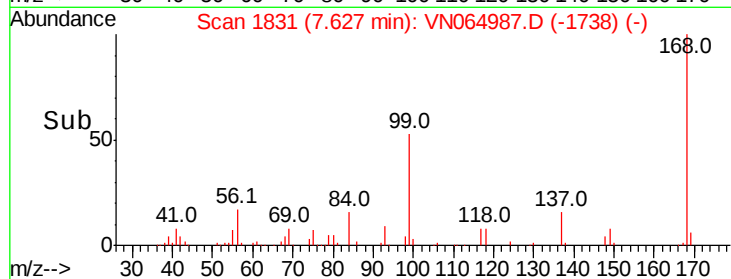
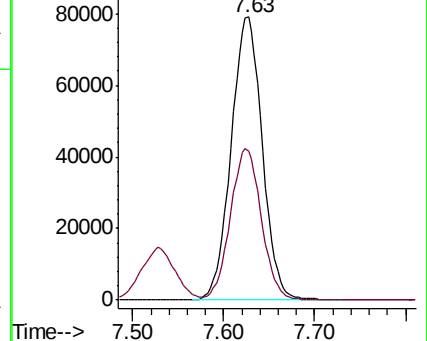
168 100

99 52.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 15.598 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064987.D

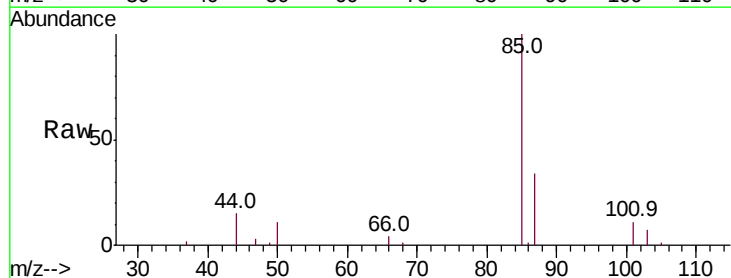
Acq: 8 Dec 2020 23:26

Tgt Ion: 85 Resp: 25423

Ion Ratio Lower Upper

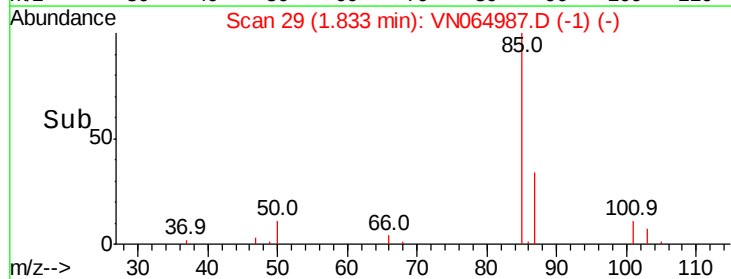
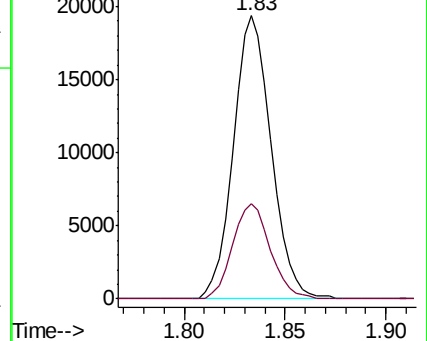
85 100

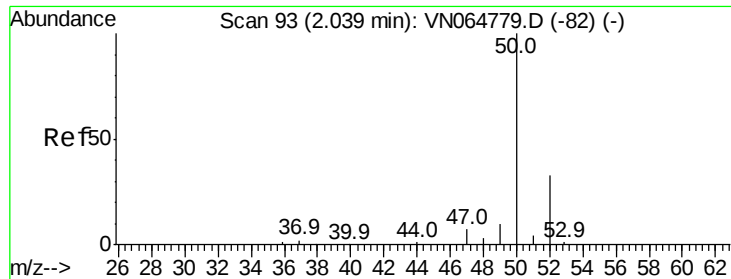
87 33.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 15.962 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

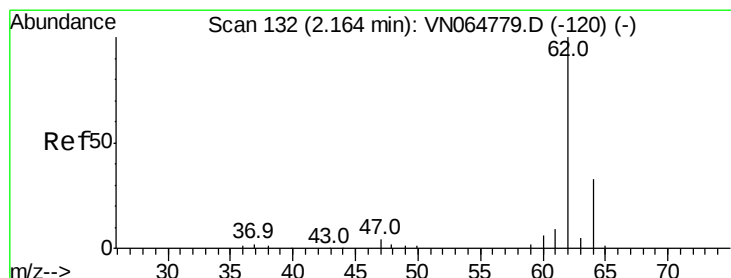
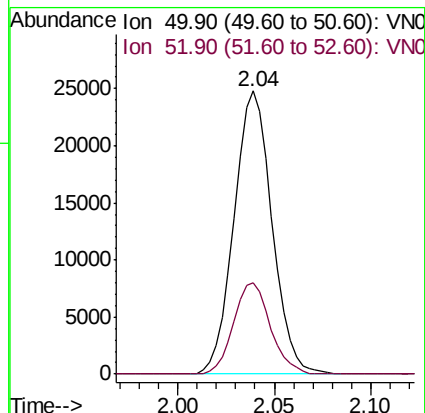
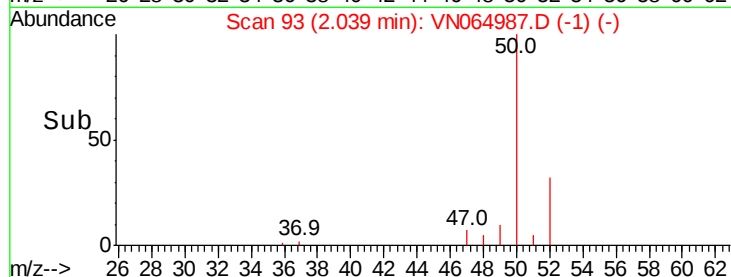
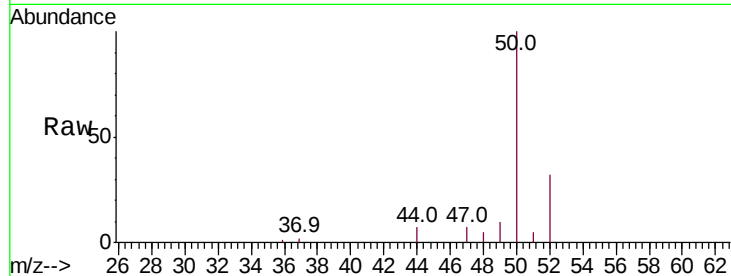
VN1208WBS02

Tot Ion: 50 Resp: 33808

Ion Ratio Lower Upper

50 100

52 32.5 26.6 39.8



#4

Vinyl Chloride

Concen: 16.939 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064987.D

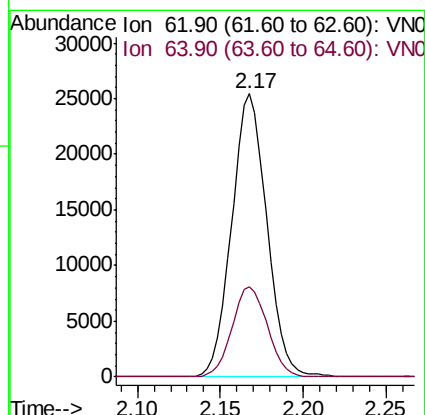
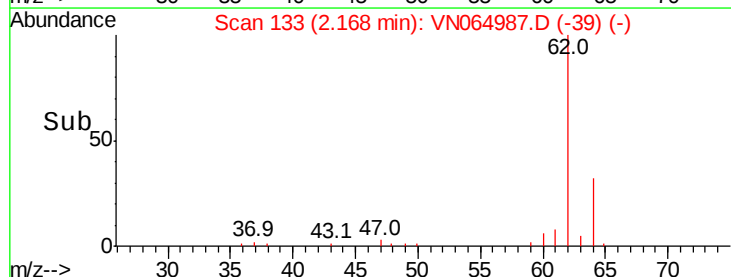
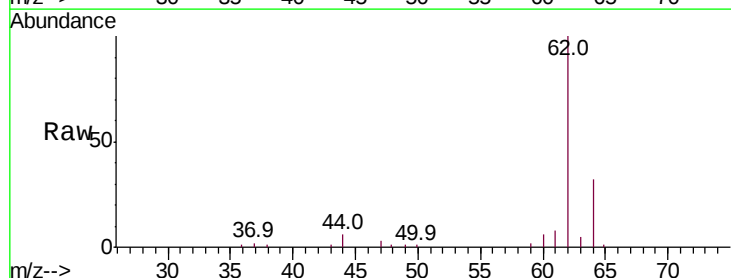
Acq: 8 Dec 2020 23:26

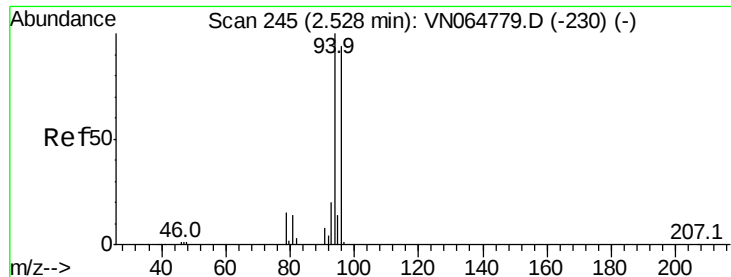
Tgt Ion: 62 Resp: 37405

Ion Ratio Lower Upper

62 100

64 31.7 26.5 39.7





#5

Bromomethane

Concen: 18.053 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampled :

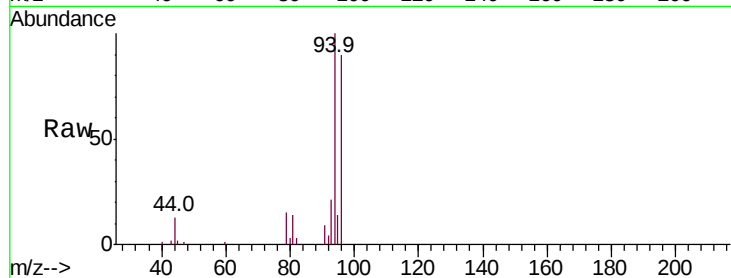
VN1208WBS02

Tot Ion: 94 Resp: 26154

Ion Ratio Lower Upper

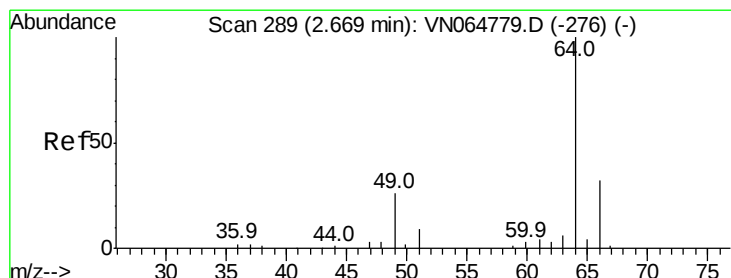
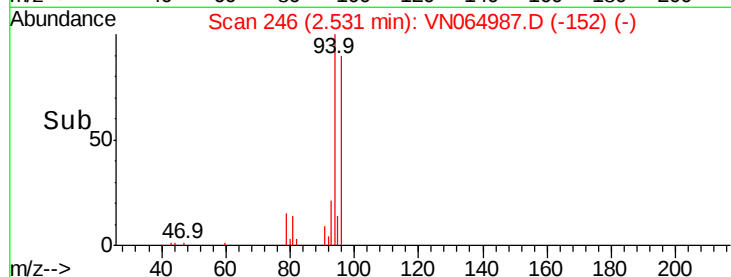
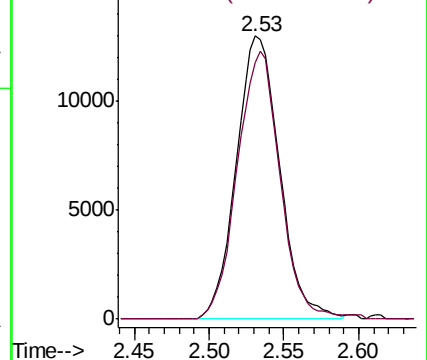
94 100

96 90.4 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC



#6

Chloroethane

Concen: 18.168 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064987.D

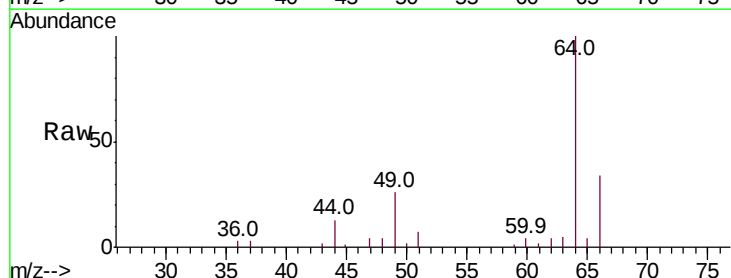
Acq: 8 Dec 2020 23:26

Tgt Ion: 64 Resp: 24813

Ion Ratio Lower Upper

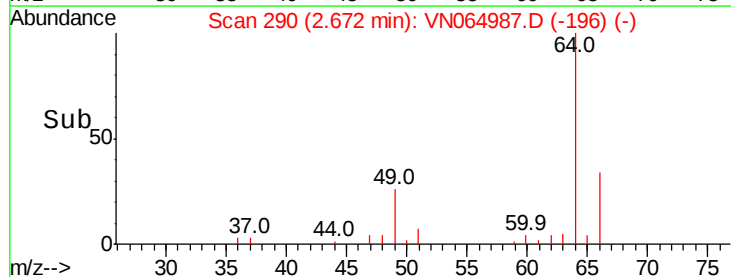
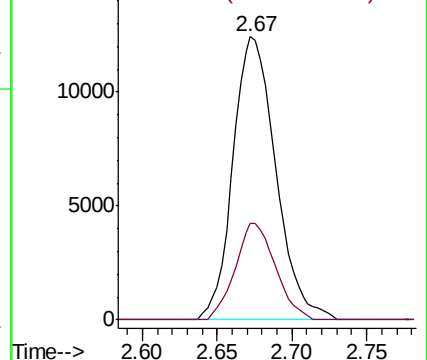
64 100

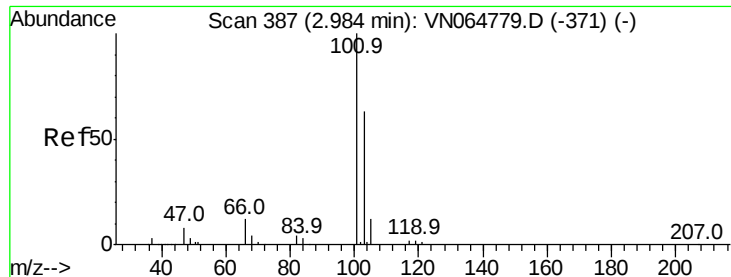
66 34.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNC

Ion 65.90 (65.60 to 66.60): VNC



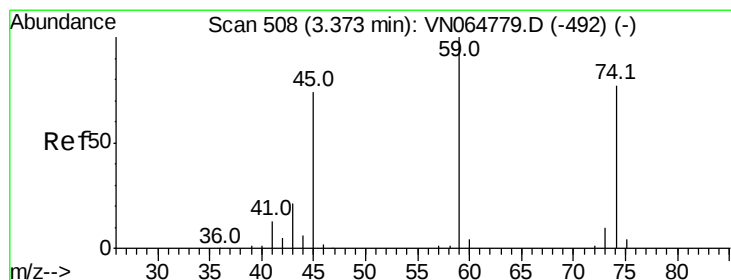
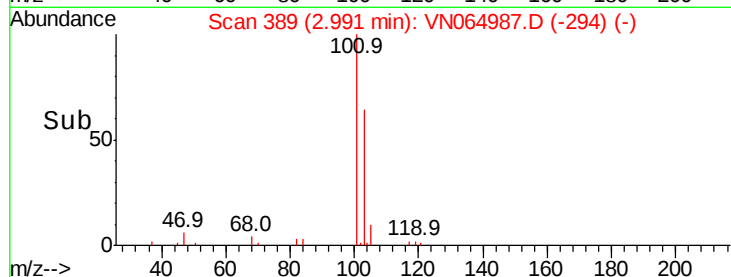
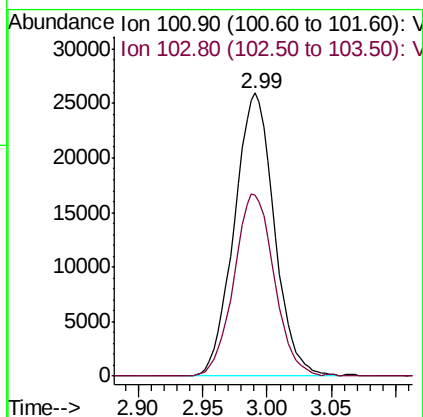
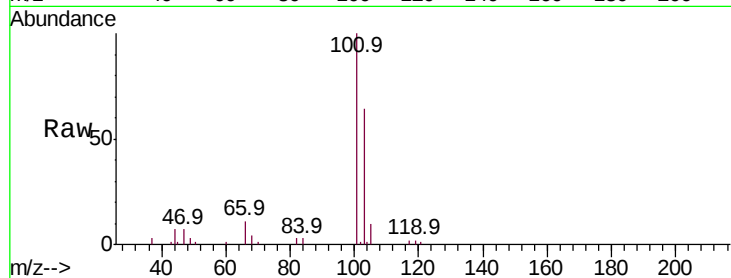


#7

Trichlorofluoromethane
 Concen: 18.349 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

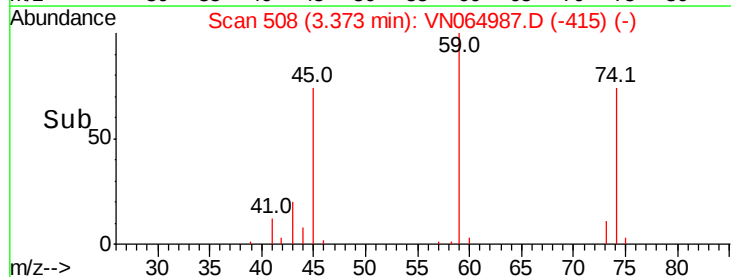
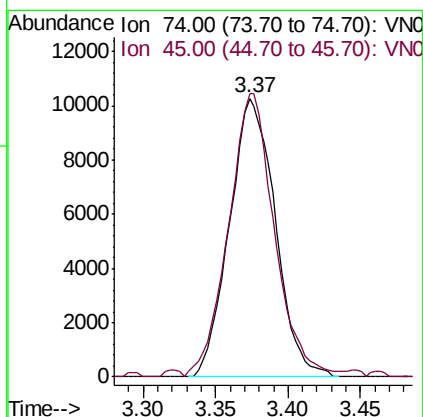
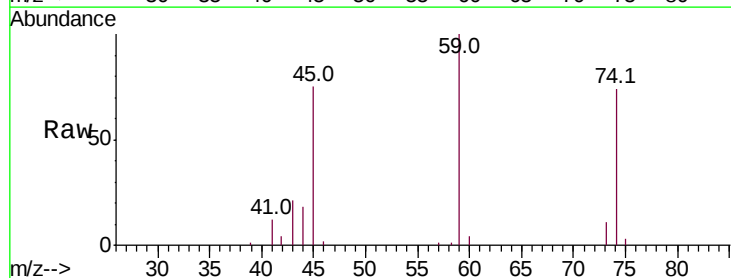
Tot Ion:101 Resp: 56007
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.5 75.7

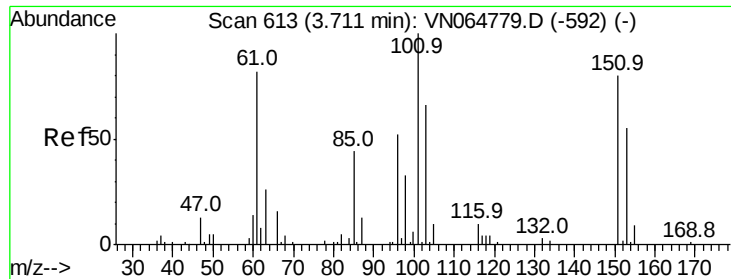


#8

Diethyl Ether
 Concen: 18.732 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion: 74 Resp: 22569
 Ion Ratio Lower Upper
 74 100
 45 101.9 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.689 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

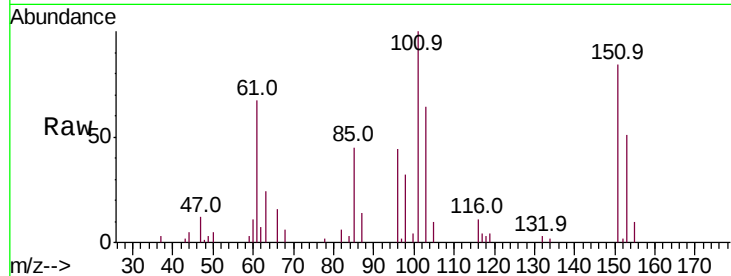
Tot Ion:101 Resp: 34220

Ion Ratio Lower Upper

101 100

85 43.2 34.4 51.6

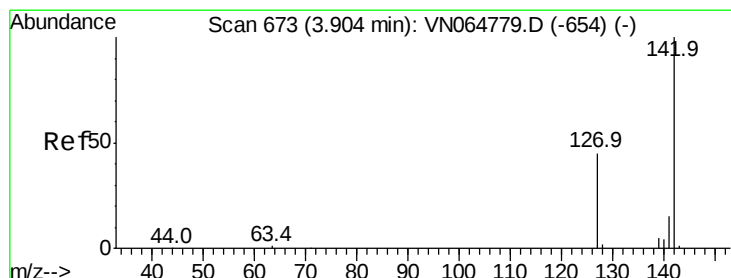
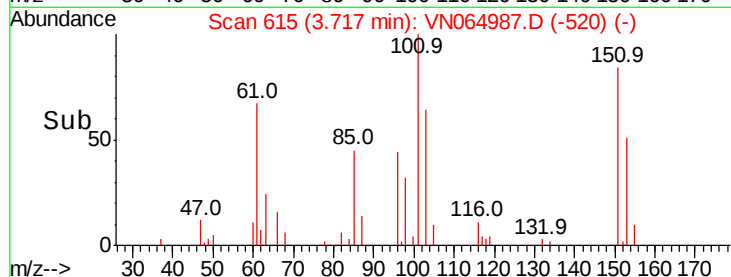
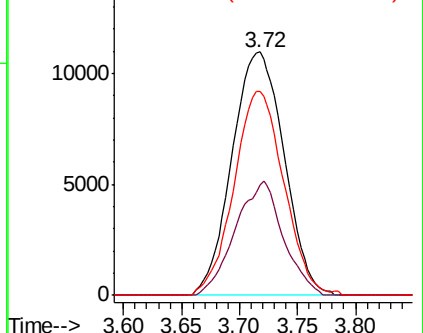
151 80.2 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.801 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.01 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

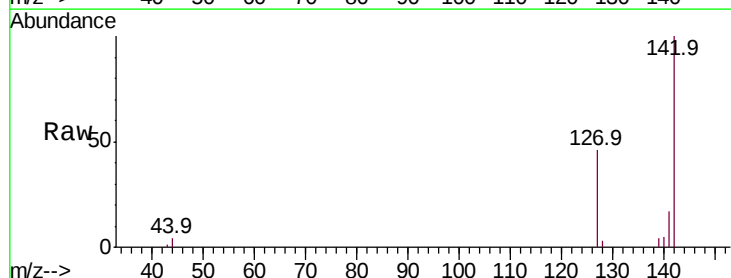
Tgt Ion:142 Resp: 37529

Ion Ratio Lower Upper

142 100

127 44.5 35.0 52.6

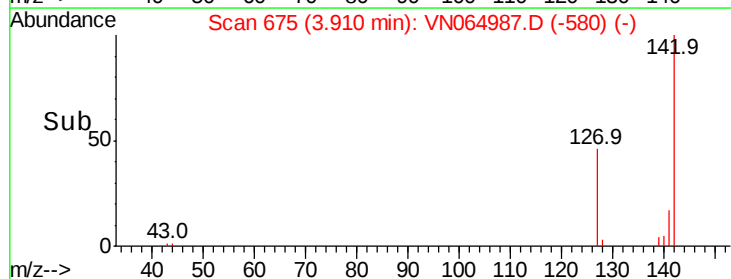
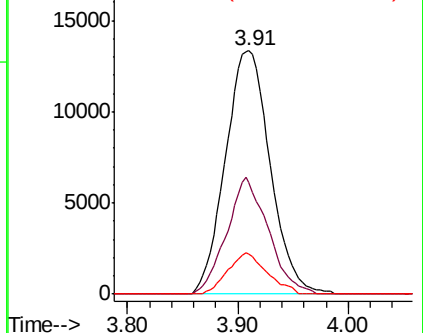
141 14.9 11.8 17.6

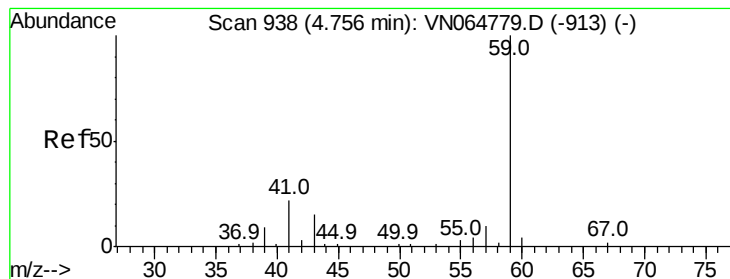


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 84.102 ug/l

RT: 4.74 min Scan# 933

Delta R.T. -0.02 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

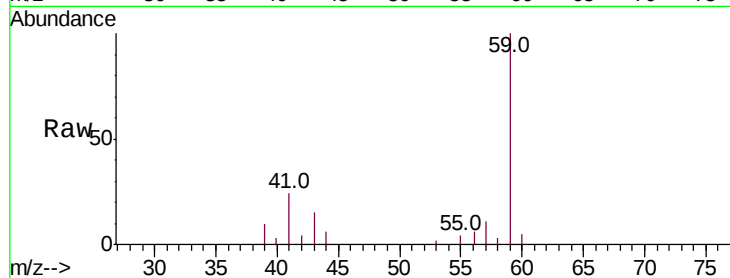
VN1208WBS02

Tot Ion: 59 Resp: 28675

Ion Ratio Lower Upper

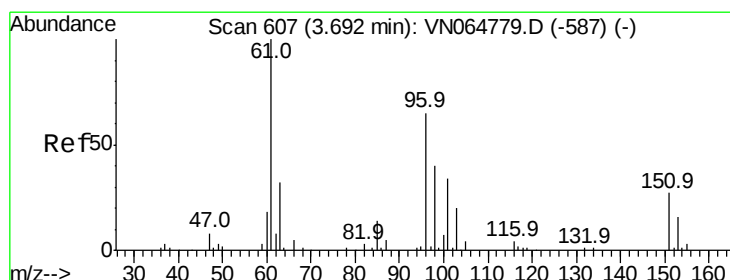
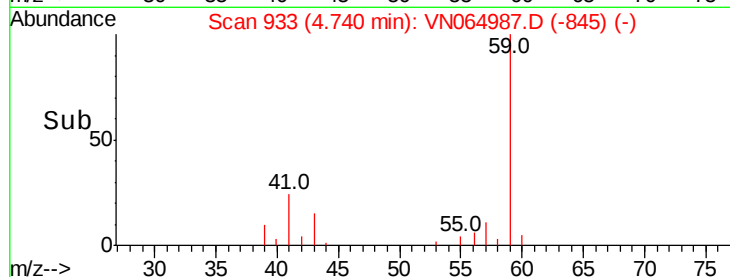
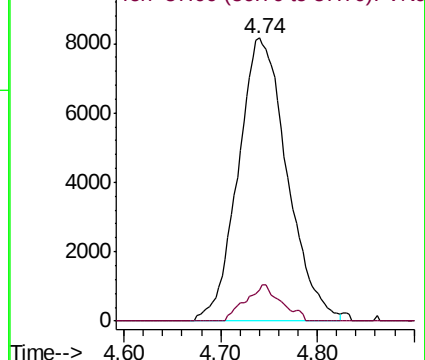
59 100

57 9.3 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: 17.661 ug/l

RT: 3.69 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

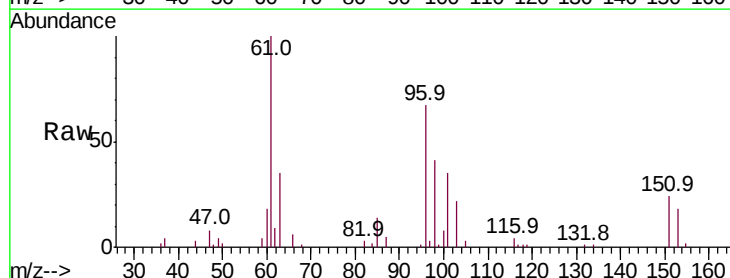
Tgt Ion: 96 Resp: 32206

Ion Ratio Lower Upper

96 100

61 150.3 123.4 185.2

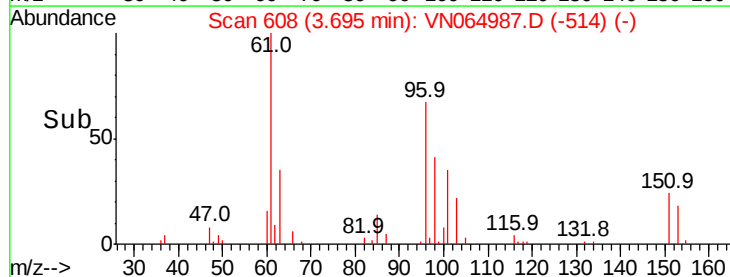
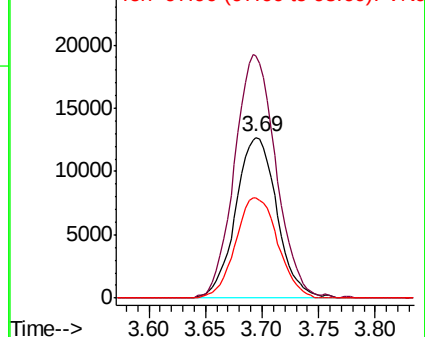
98 62.2 49.8 74.8

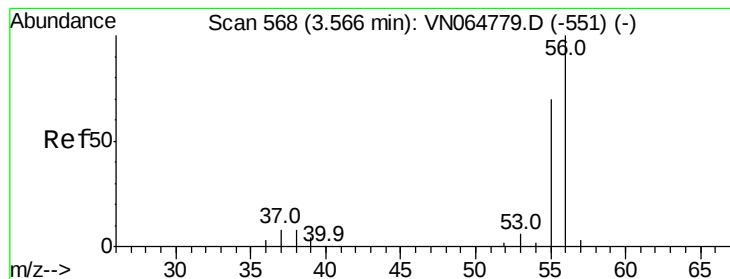


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 70.915 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

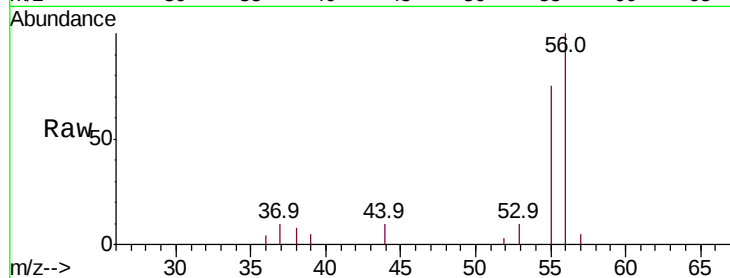
VN1208WBS02

Tot Ion: 56 Resp: 14769

Ion Ratio Lower Upper

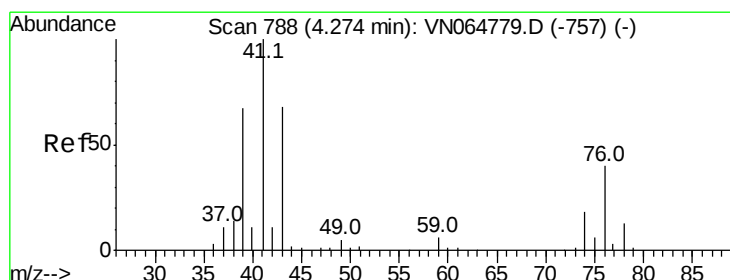
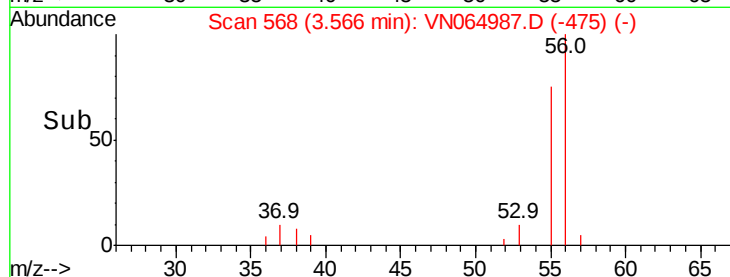
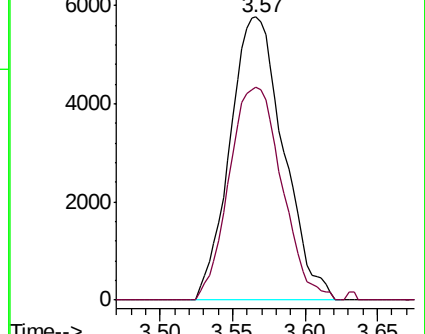
56 100

55 74.1 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: 17.233 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

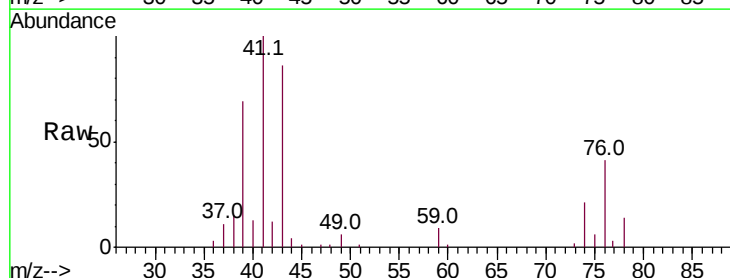
Tgt Ion: 41 Resp: 51832

Ion Ratio Lower Upper

41 100

39 62.4 50.9 76.3

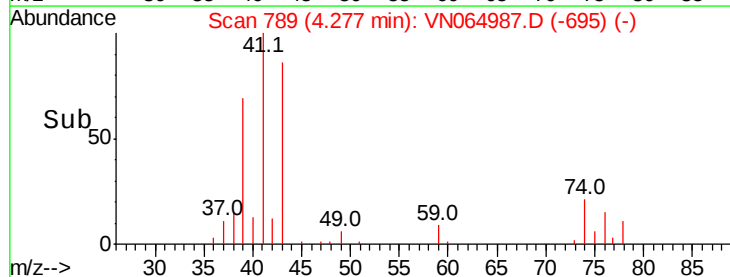
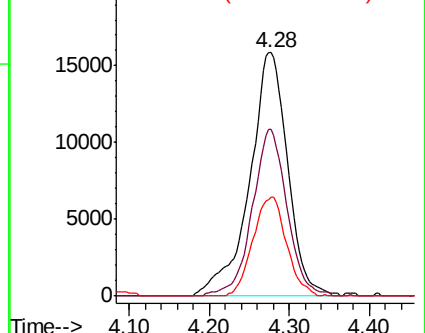
76 35.7 29.0 43.4

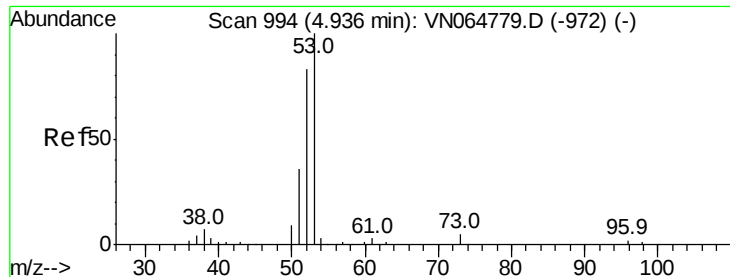


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 92.150 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

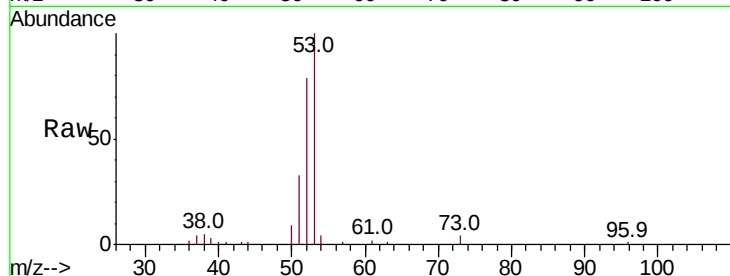
Tot Ion: 53 Resp: 86796

Ion Ratio Lower Upper

53 100

52 81.8 65.5 98.3

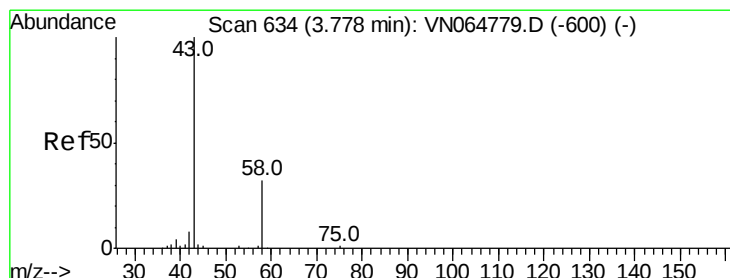
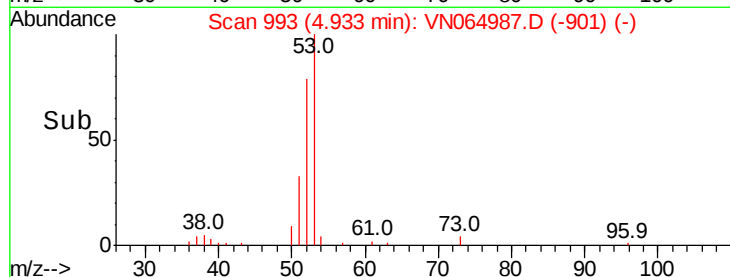
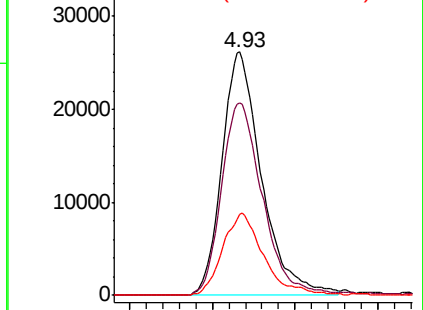
51 35.0 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064779.D (-972) (-)

Ion 52.00 (51.70 to 52.70): VN064779.D (-972) (-)

Ion 51.00 (50.70 to 51.70): VN064779.D (-972) (-)



#16

Acetone

Concen: 91.894 ug/l

RT: 3.78 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN064987.D

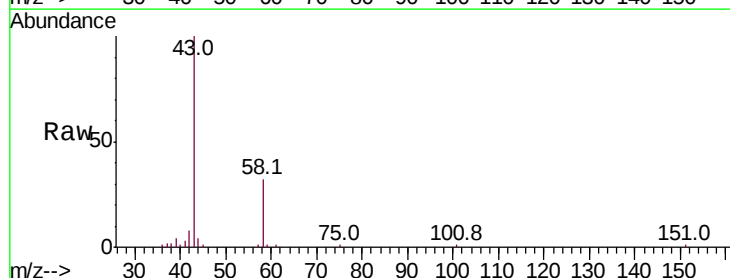
Acq: 8 Dec 2020 23:26

Tgt Ion: 43 Resp: 66044

Ion Ratio Lower Upper

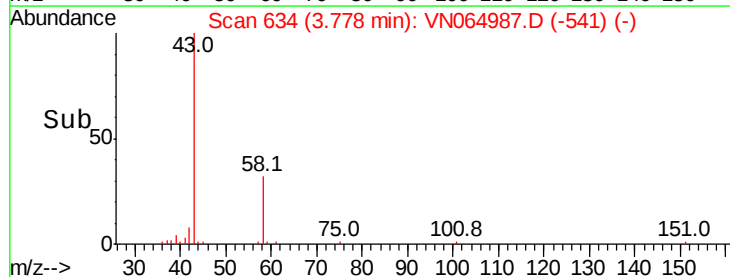
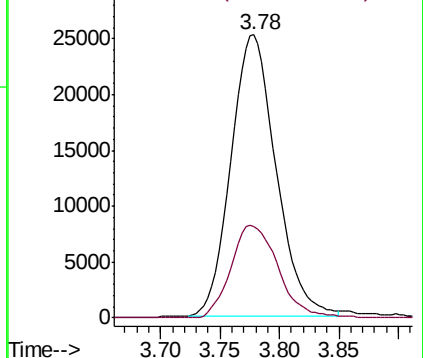
43 100

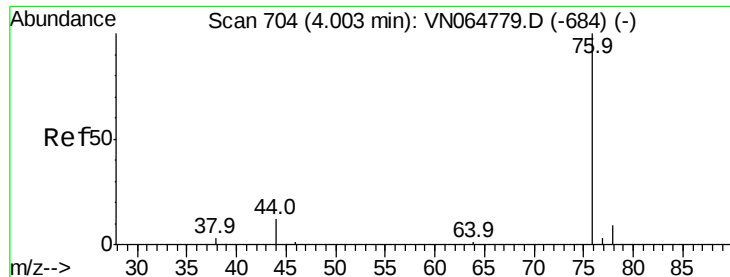
58 32.5 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-600) (-)

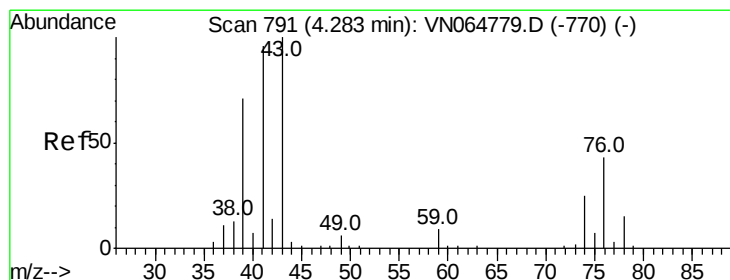
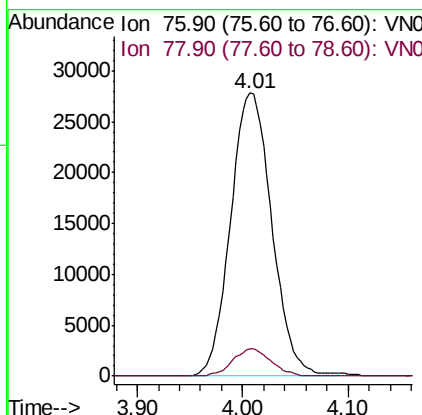
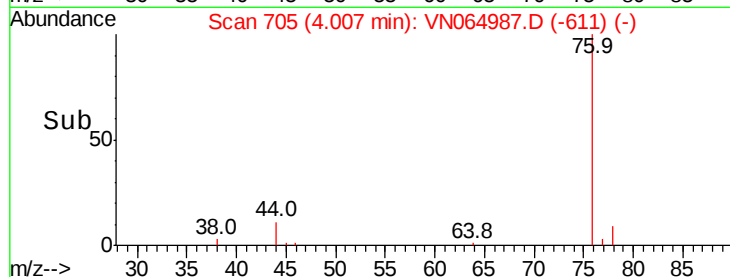
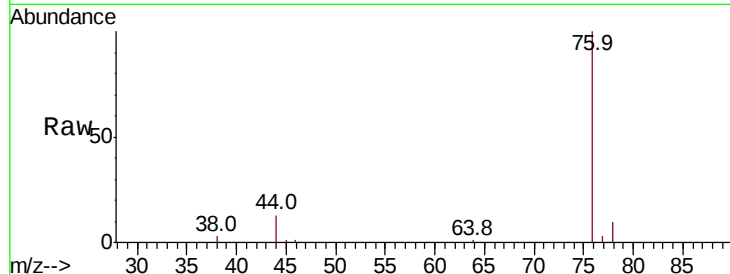




#17
Carbon Disulfide
Concen: 16.044 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

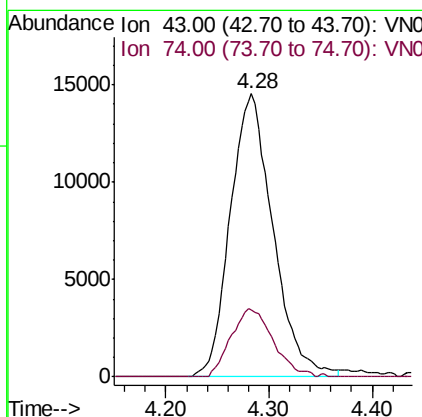
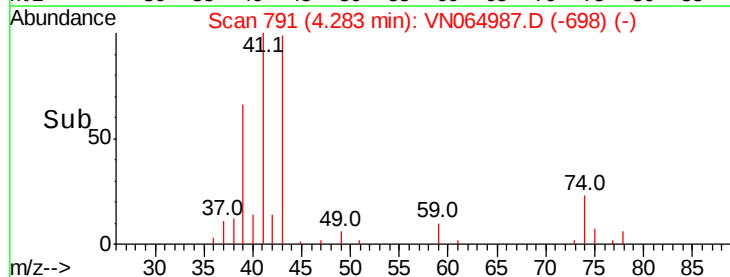
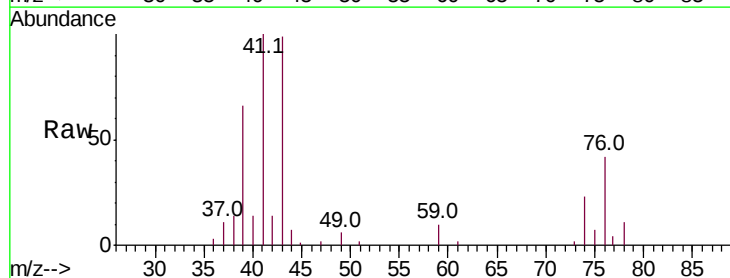
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

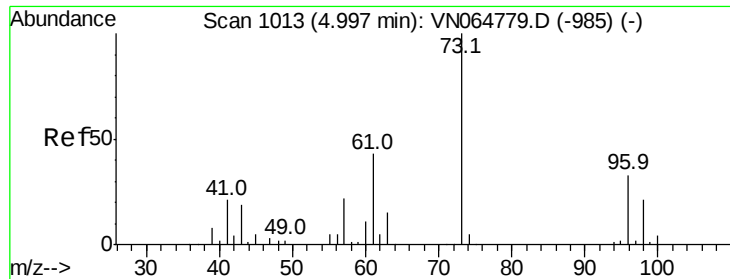
Tot Ion: 76 Resp: 75525
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 19.392 ug/l
RT: 4.28 min Scan# 791
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 43 Resp: 41903
Ion Ratio Lower Upper
43 100
74 23.6 20.2 30.2

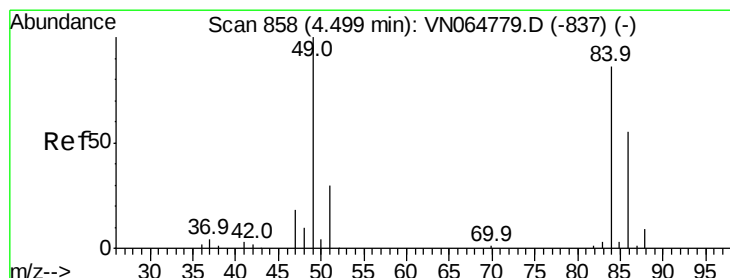
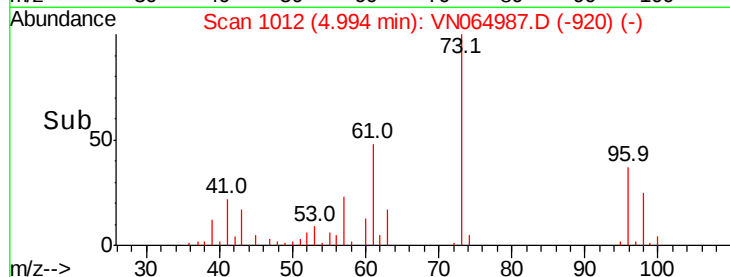
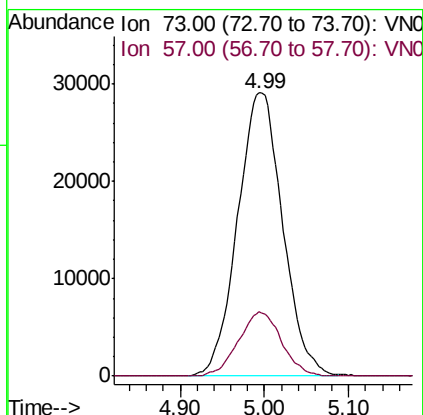
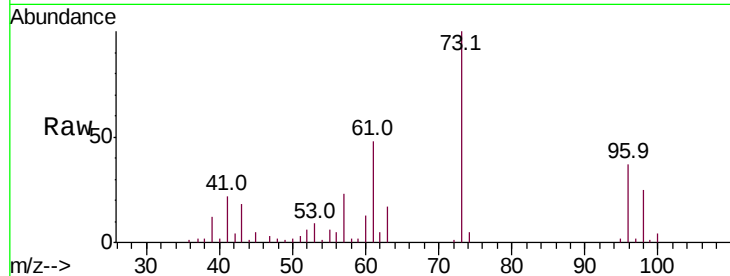




#19
Methvl tert-butvl Ether
Concen: 18.438 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

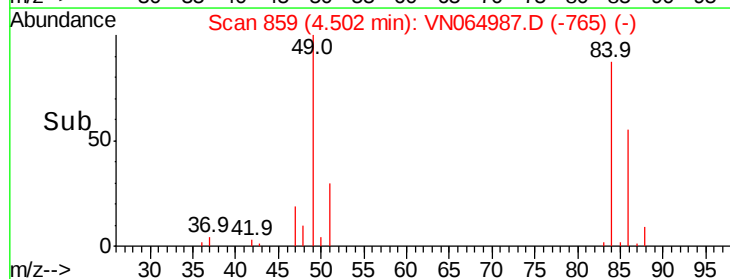
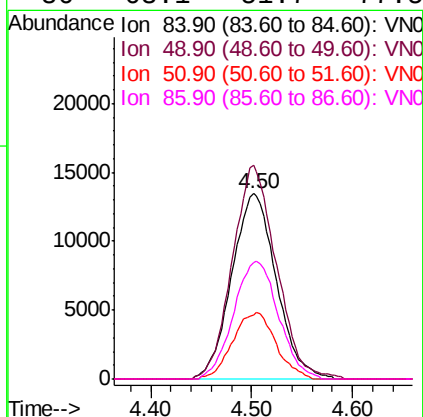
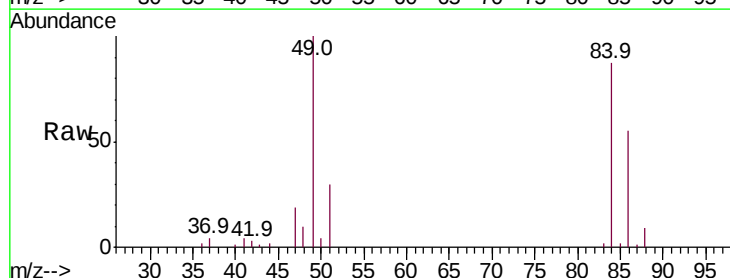
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

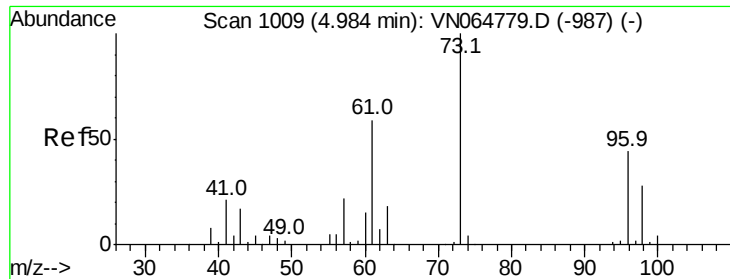
Tot Ion: 73 Resp: 107839
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.0



#20
Methylene Chloride
Concen: 18.308 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 84 Resp: 41231
Ion Ratio Lower Upper
84 100
49 115.3 93.4 140.0
51 34.8 28.2 42.4
86 63.1 51.7 77.5

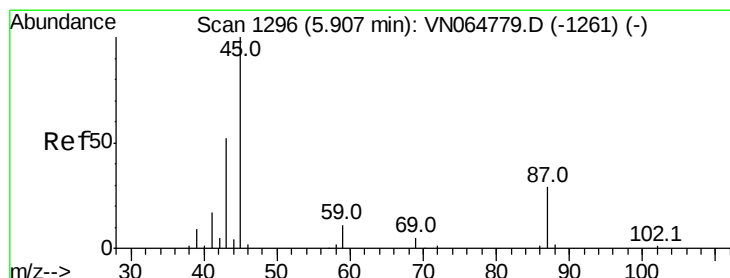
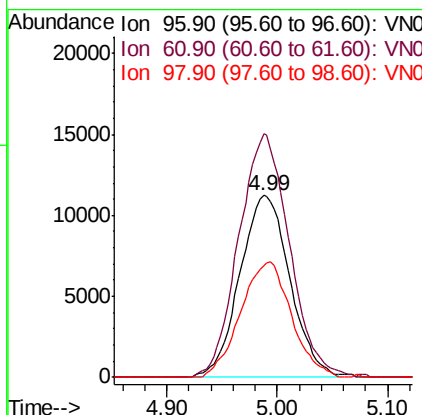
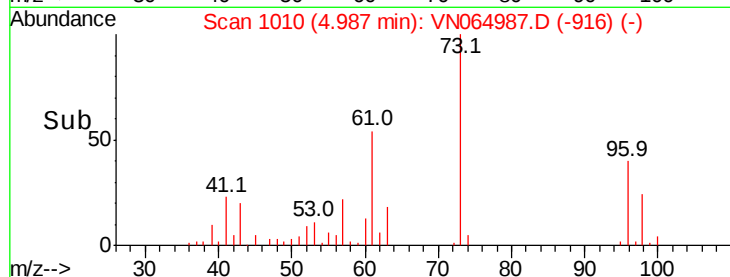
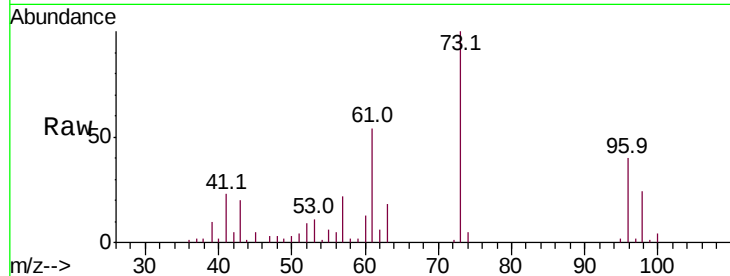




#21
trans-1,2-Dichloroethene
Concen: 17.432 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

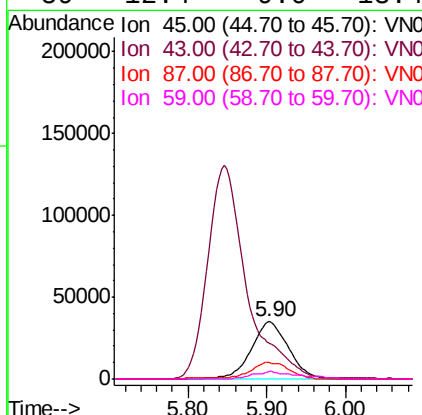
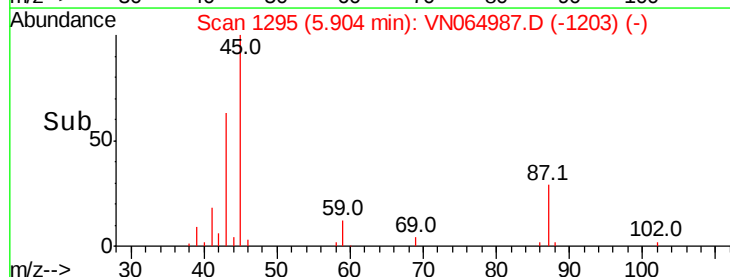
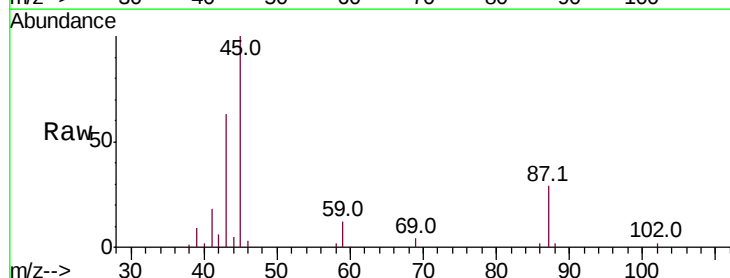
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

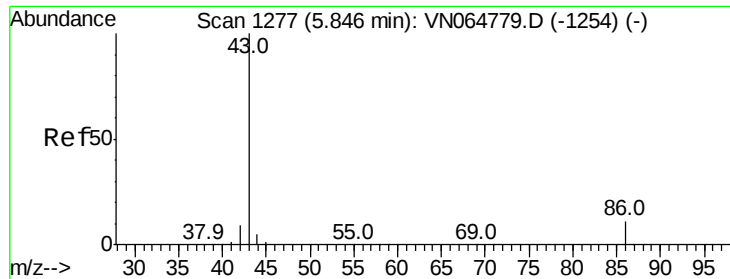
Tot Ion: 96 Resp: 35301
Ion Ratio Lower Upper
96 100
61 133.9 108.4 162.6
98 61.2 51.3 76.9



#22
Diisopropyl ether
Concen: 19.407 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 45 Resp: 116836
Ion Ratio Lower Upper
45 100
43 60.4 46.2 69.2
87 29.4 24.1 36.1
59 12.4 9.0 13.4





#23

Vinyl Acetate

Concen: 92.784 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampled :

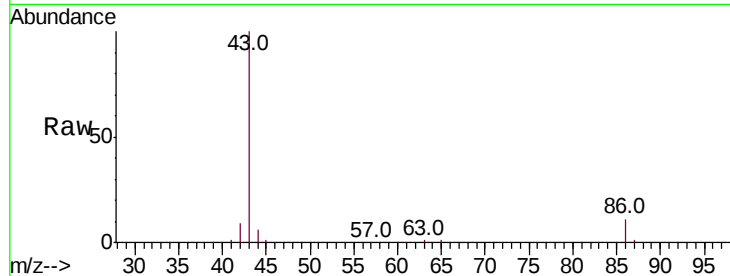
VN1208WBS02

Tot Ion: 43 Resp: 446679

Ion Ratio Lower Upper

43 100

86 11.4 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064987.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN064987.D (-1254) (-)

5.85

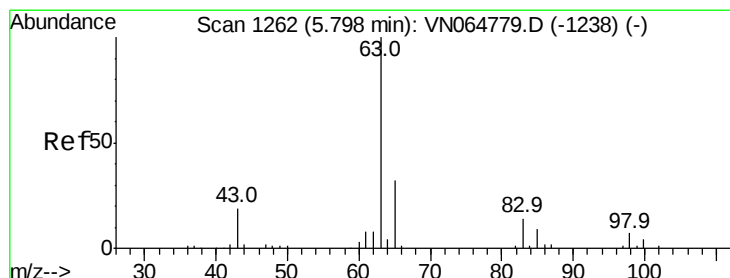
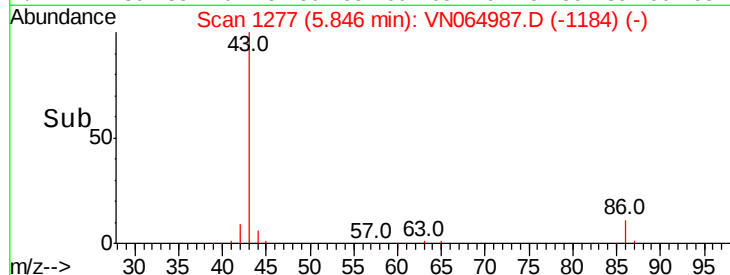
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.337 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

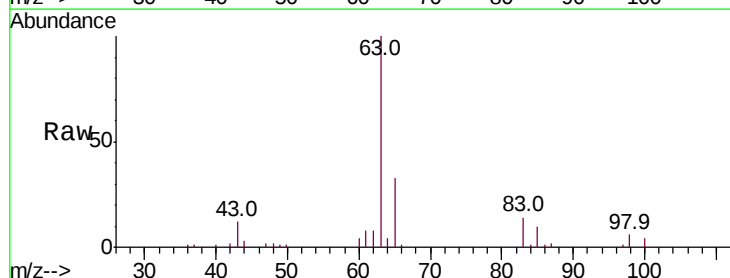
Tgt Ion: 63 Resp: 69572

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.5

100 4.3 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN064987.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064987.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064987.D (-1169) (-)

25000

20000

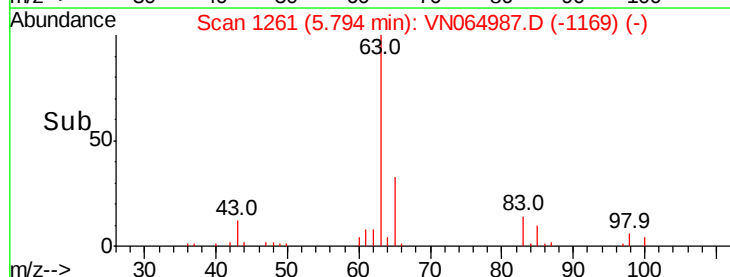
15000

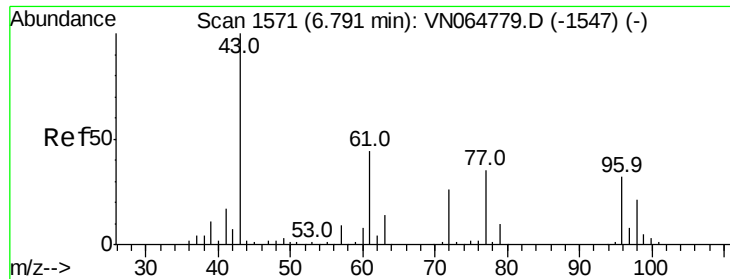
10000

5000

0

Time-->

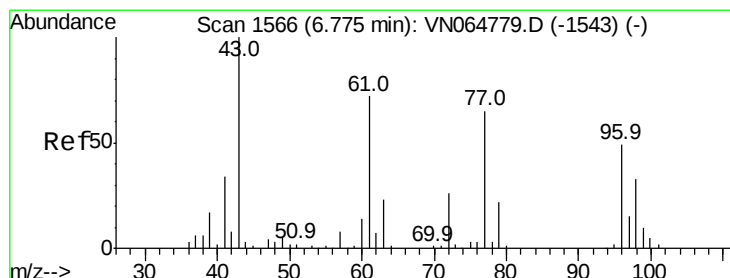
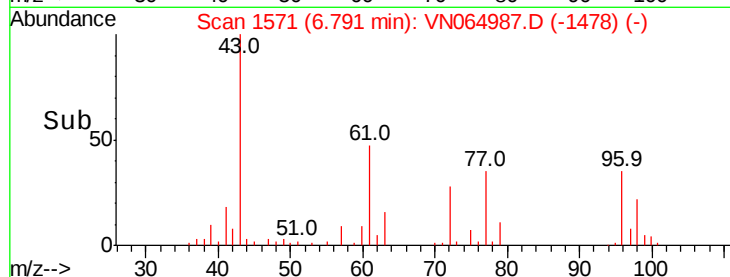
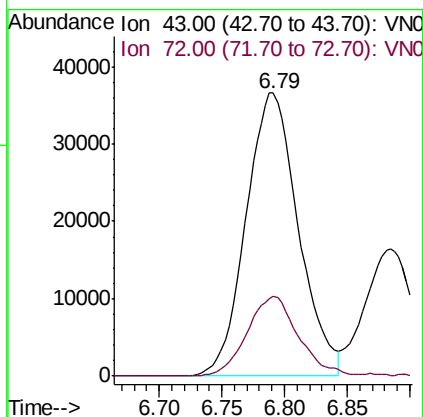
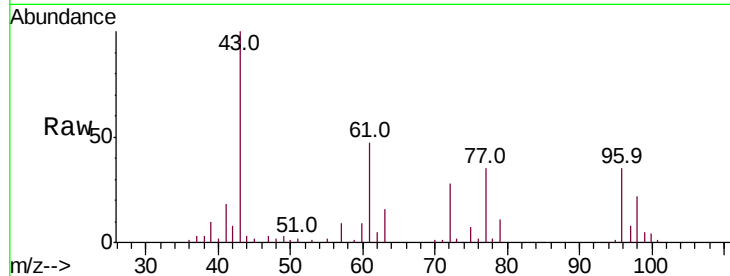




#25
2-Butanone
Concen: 91.136 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

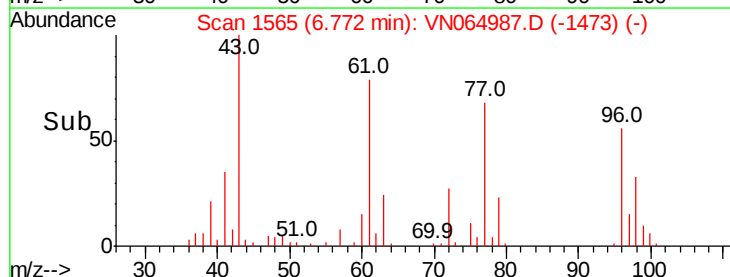
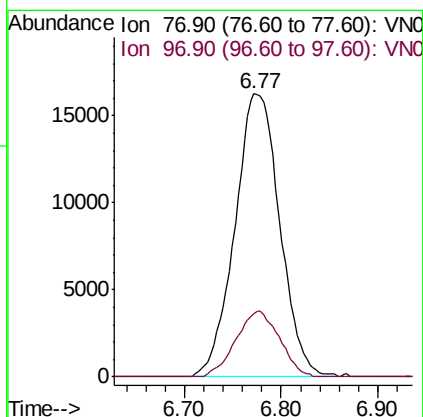
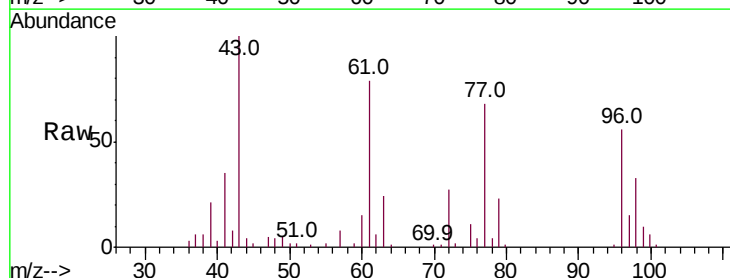
Instrument :
MSVOA_N
ClientSampled :
VN1208WBS02

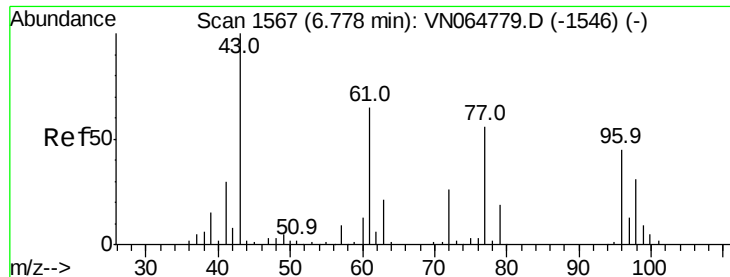
Tot Ion: 43 Resp: 106177
Ion Ratio Lower Upper
43 100
72 28.2 21.0 31.6



#26
2,2-Dichloropropane
Concen: 16.826 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 77 Resp: 52505
Ion Ratio Lower Upper
77 100
97 22.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.880 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

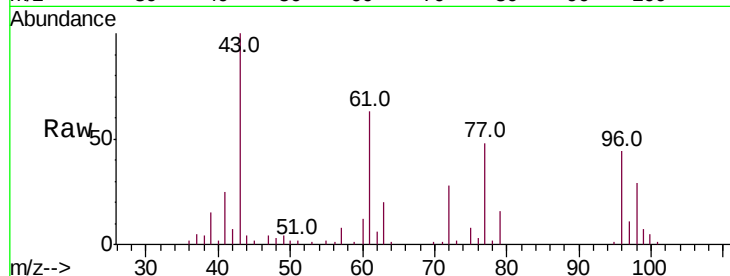
Tot Ion: 96 Resp: 43022

Ion Ratio Lower Upper

96 100

61 137.5 0.0 285.8

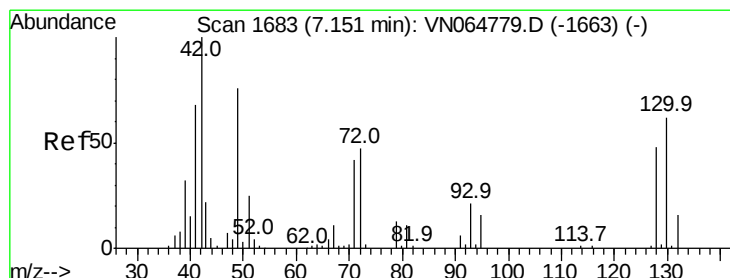
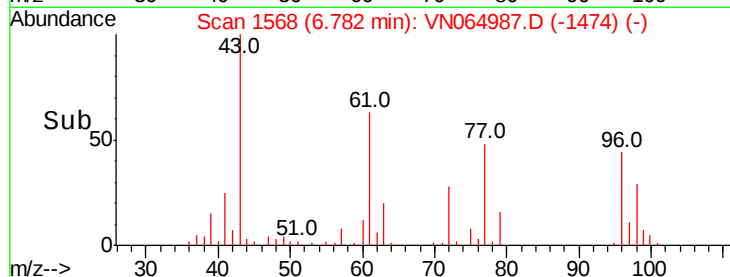
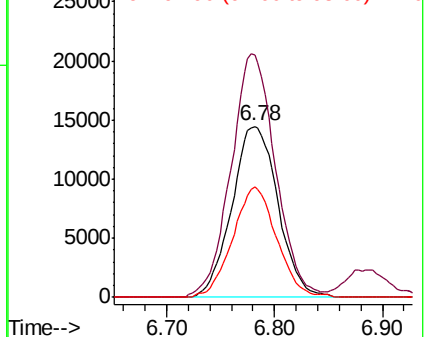
98 61.5 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.116 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

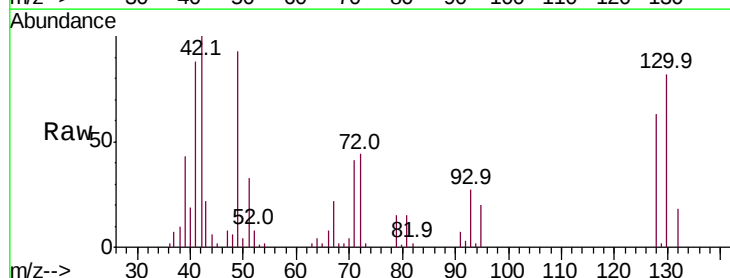
Tgt Ion: 49 Resp: 31464

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

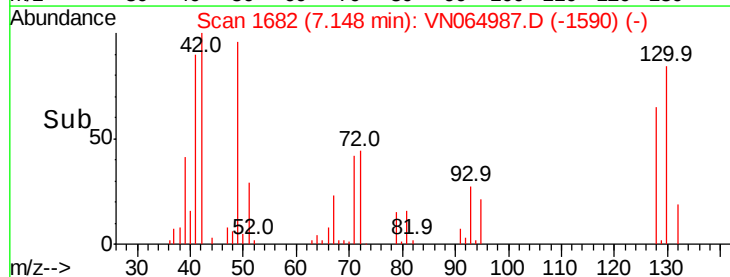
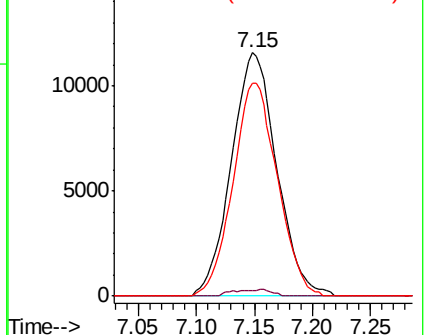
130 85.5 66.2 99.2

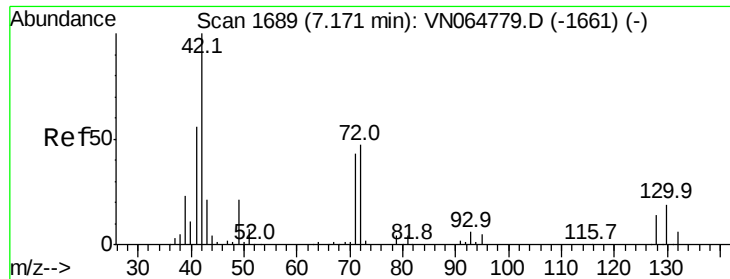


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

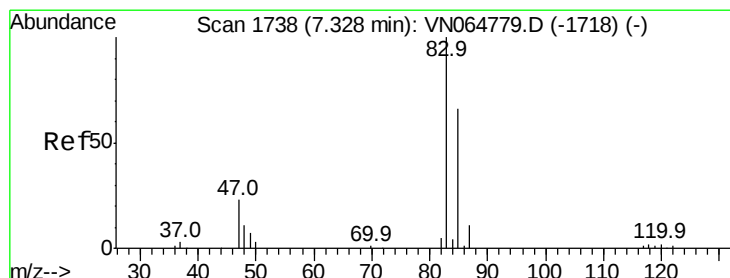
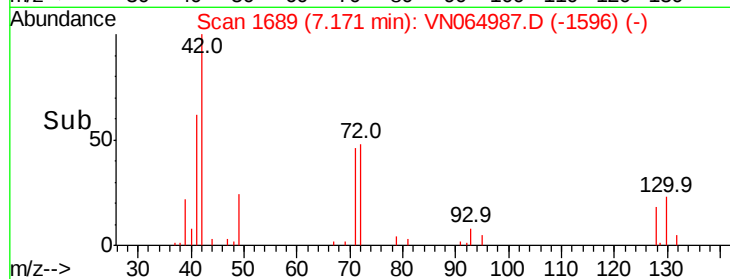
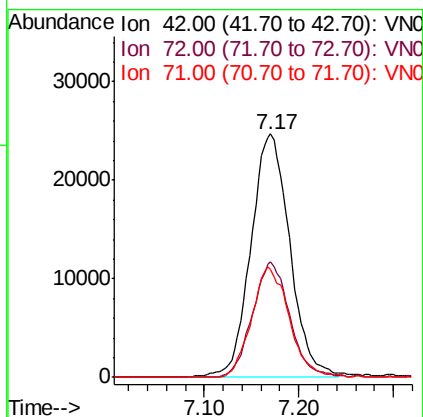
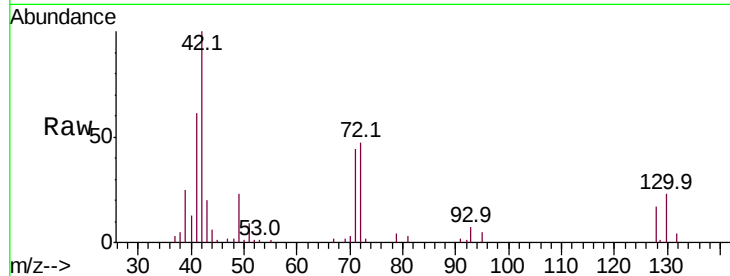




#29
Tetrahydrofuran
Concen: 87.774 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

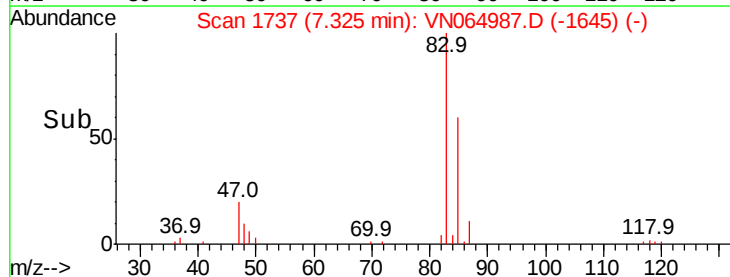
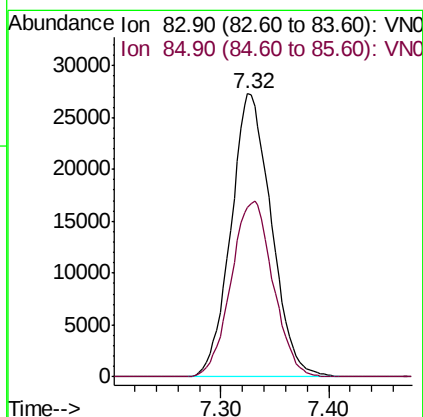
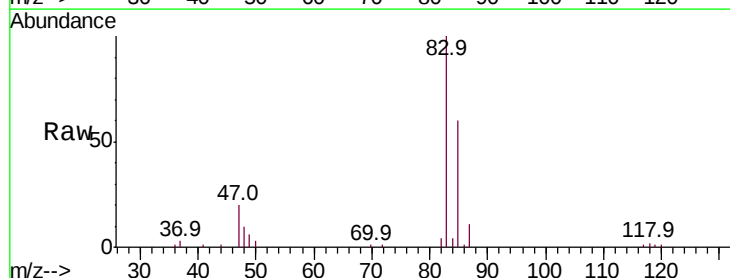
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

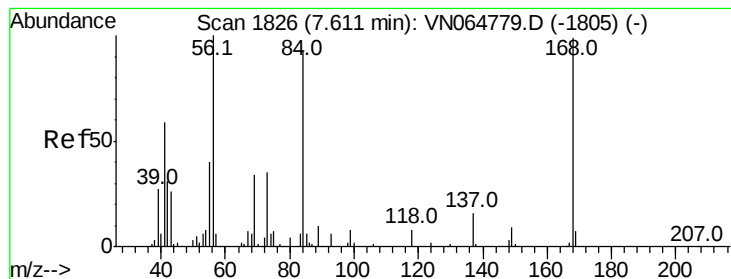
Tot Ion: 42 Resp: 70589
Ion Ratio Lower Upper
42 100
72 45.1 36.6 54.8
71 43.7 33.6 50.4



#30
Chloroform
Concen: 19.131 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 83 Resp: 70982
Ion Ratio Lower Upper
83 100
85 60.1 52.6 78.8





#31

Cyclohexane

Concen: 16.457 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

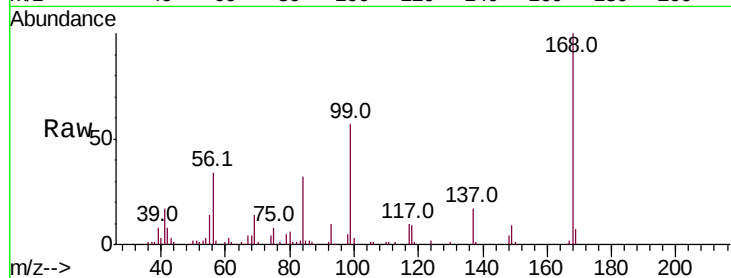
Tot Ion: 56 Resp: 50148

Ion Ratio Lower Upper

56 100

69 41.8 27.5 41.3#

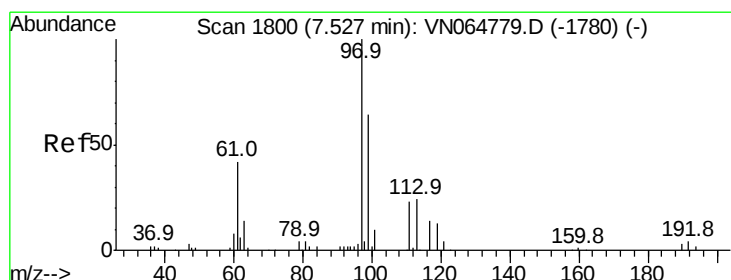
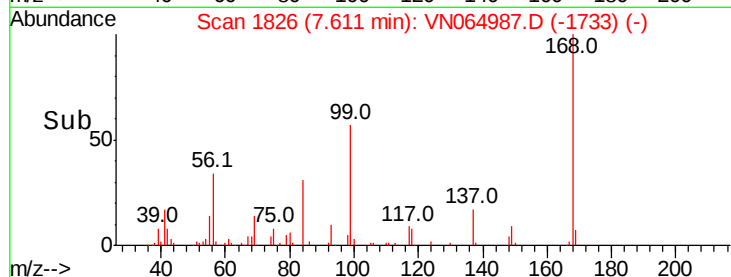
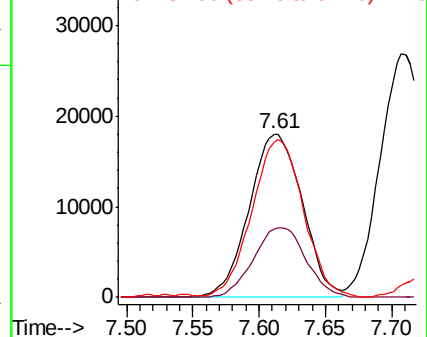
84 93.7 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.131 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

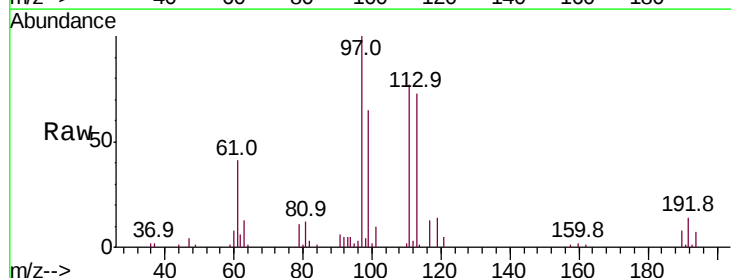
Tgt Ion: 97 Resp: 60964

Ion Ratio Lower Upper

97 100

99 63.0 51.7 77.5

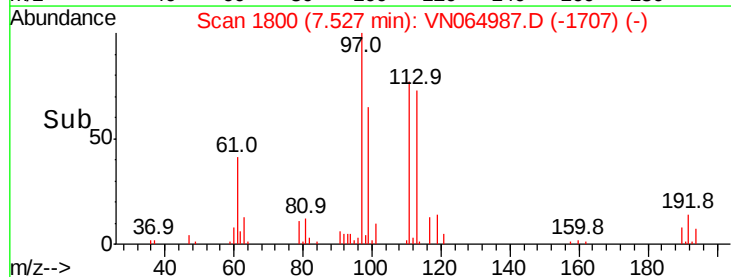
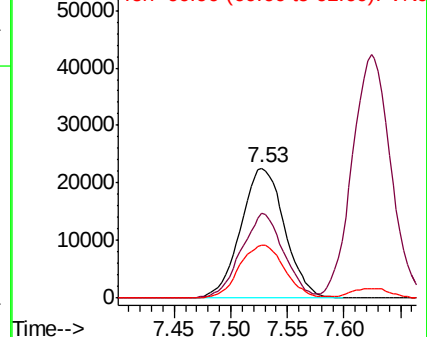
61 41.8 33.9 50.9

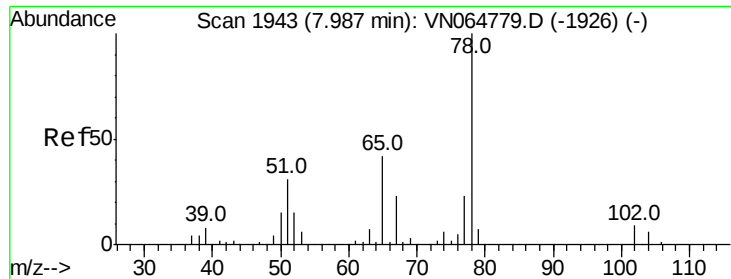


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.543 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

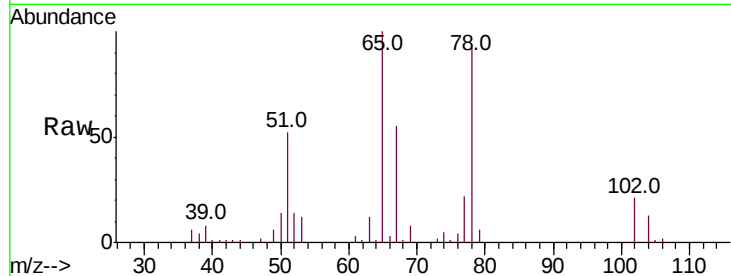
VN1208WBS02

Tot Ion: 65 Resp: 108316

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064987.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064987.D (-1850) (-)

7.99

50000

40000

30000

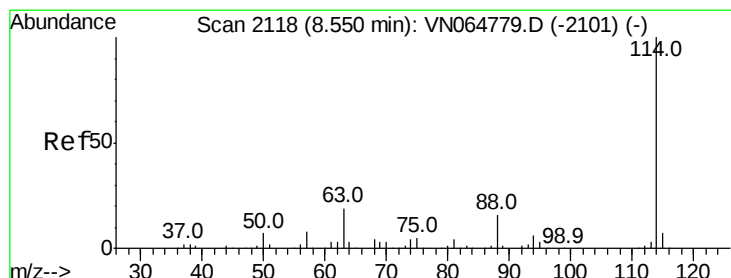
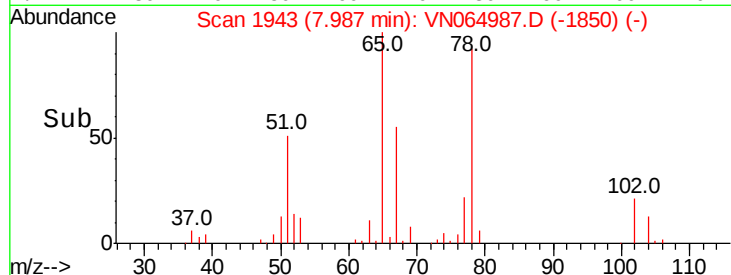
20000

10000

0

Time-->

7.90 7.95 8.00 8.05



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

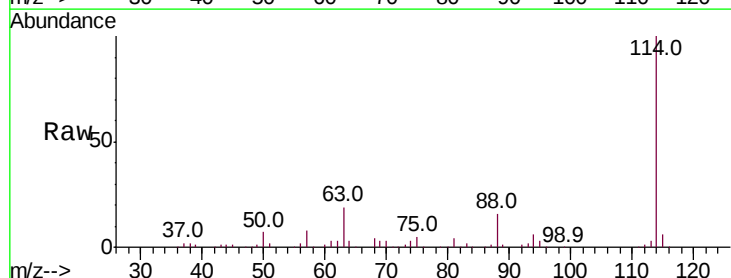
Tgt Ion: 114 Resp: 307172

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

88 16.0 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VN064987.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064987.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064987.D (-2025) (-)

8.55

200000

150000

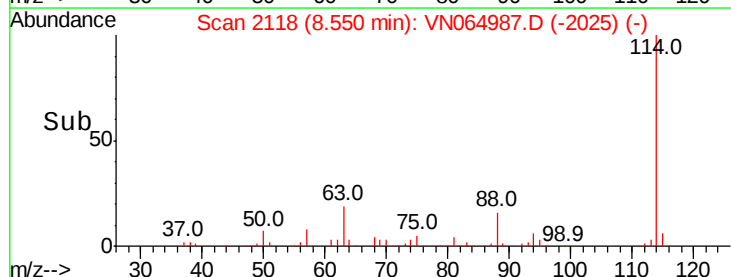
100000

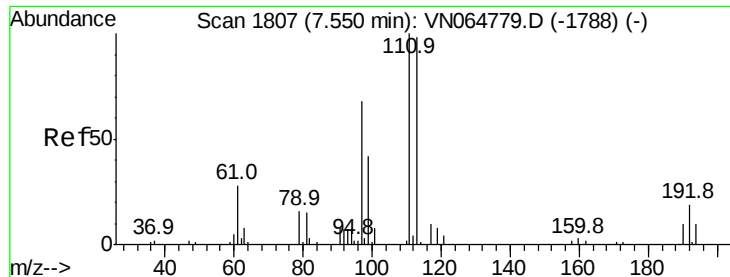
50000

0

Time-->

8.50 8.55 8.60

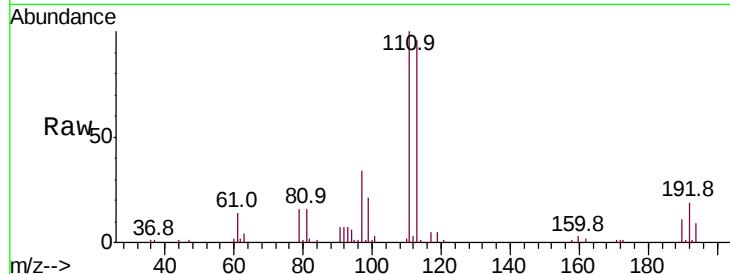




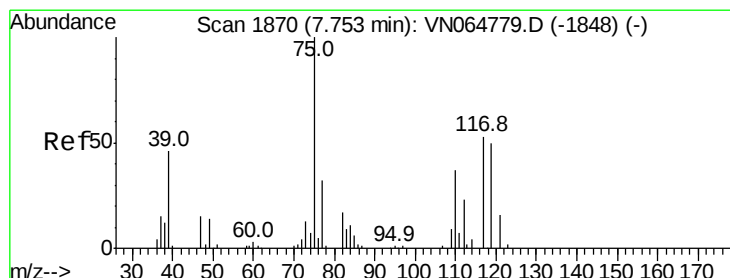
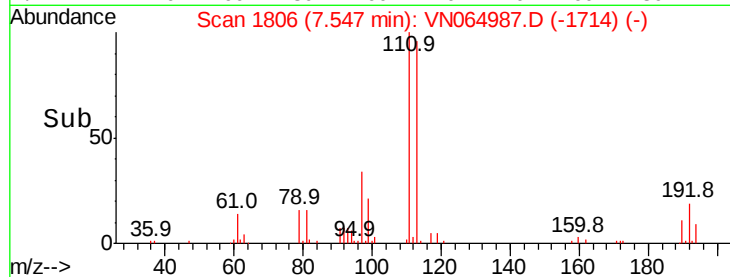
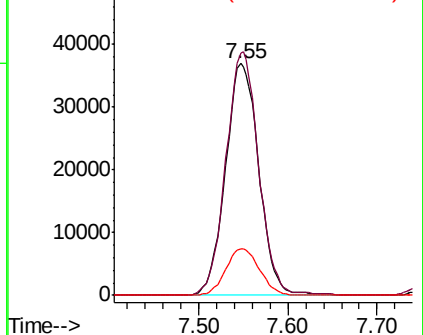
#35
 Dibromofluoromethane
 Concen: 52.106 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Tot Ion:113 Resp: 95771
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.6 122.4
 192 20.3 16.2 24.2

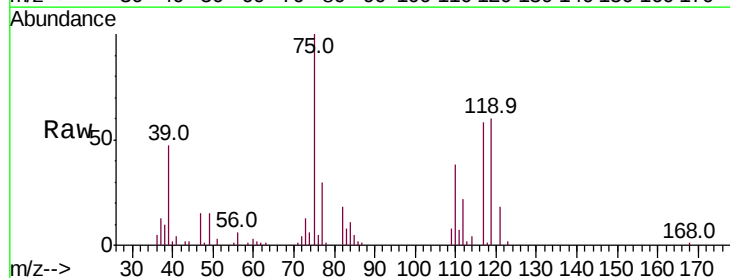


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

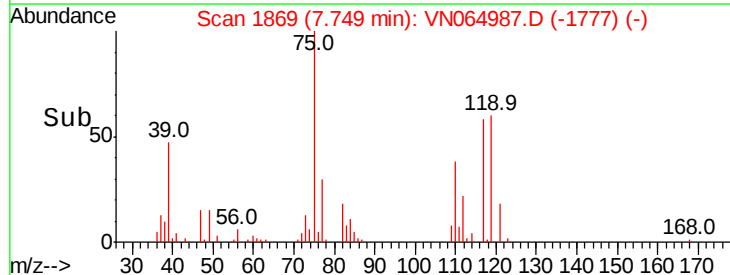
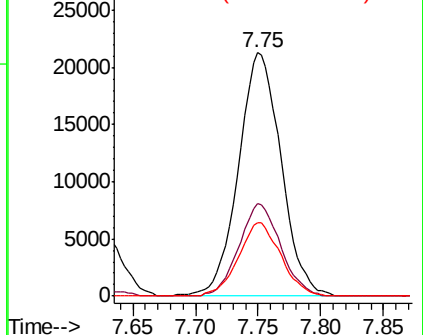


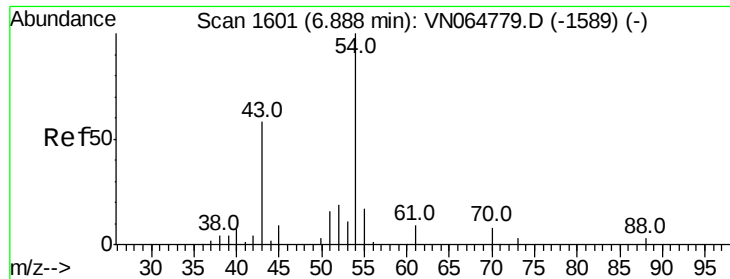
#36
 1,1-Dichloropropene
 Concen: 17.631 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion: 75 Resp: 50200
 Ion Ratio Lower Upper
 75 100
 110 37.0 17.8 53.3
 77 30.0 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

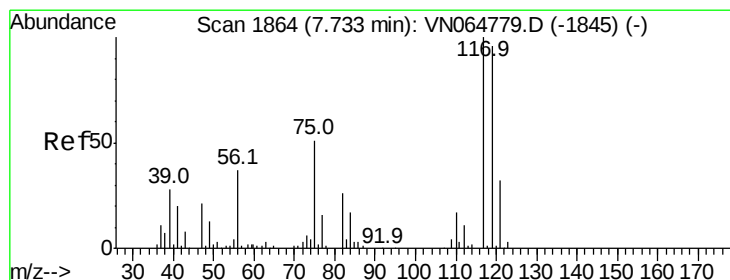
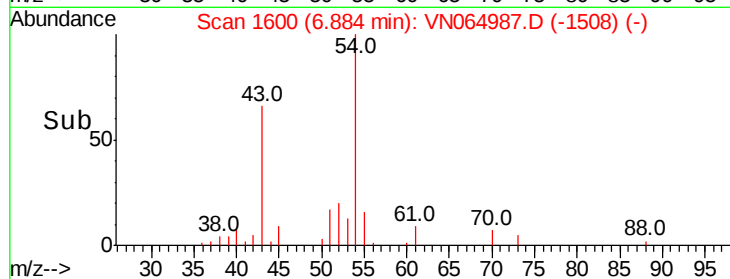
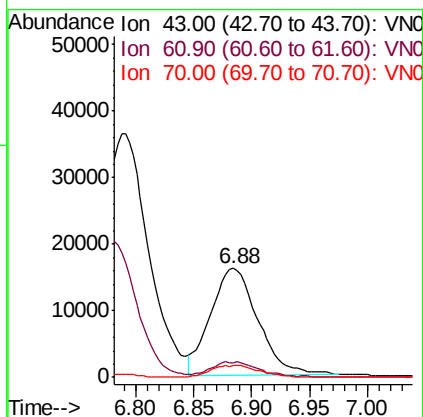
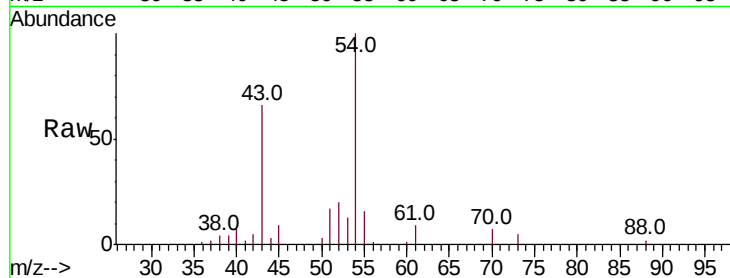




#37
Ethyl Acetate
Concen: 16.640 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

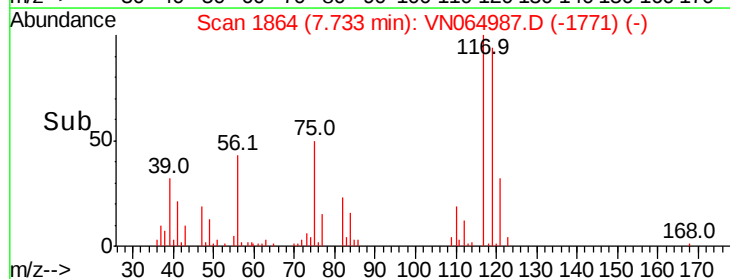
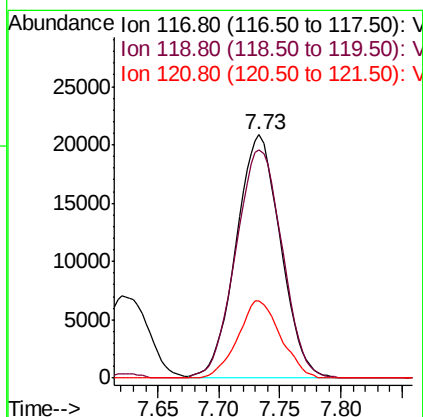
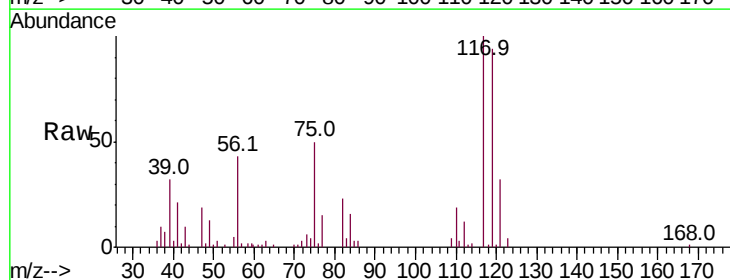
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

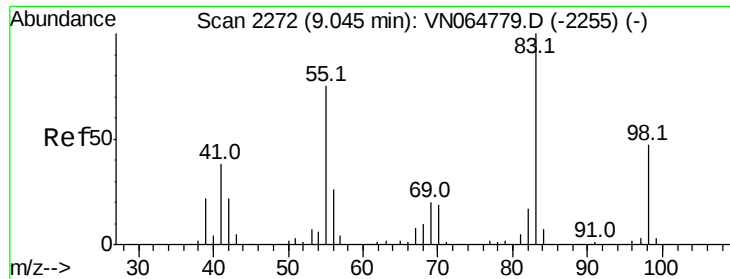
Tot Ion: 43 Resp: 45638
Ion Ratio Lower Upper
43 100
61 4.3 12.8 19.2#
70 11.4 8.8 13.2



#38
Carbon Tetrachloride
Concen: 17.770 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 117 Resp: 52642
Ion Ratio Lower Upper
117 100
119 93.9 76.7 115.1
121 31.8 25.4 38.2

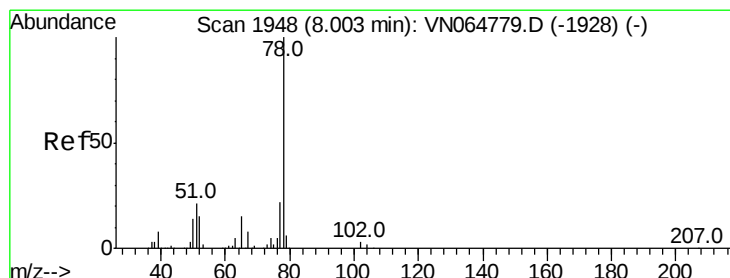
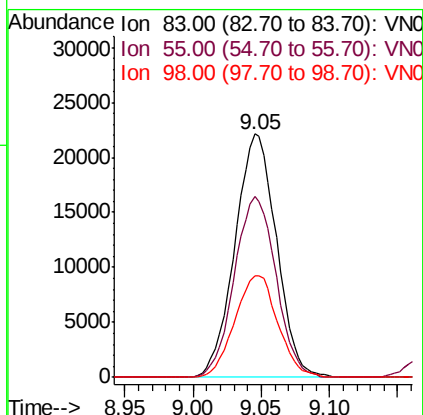
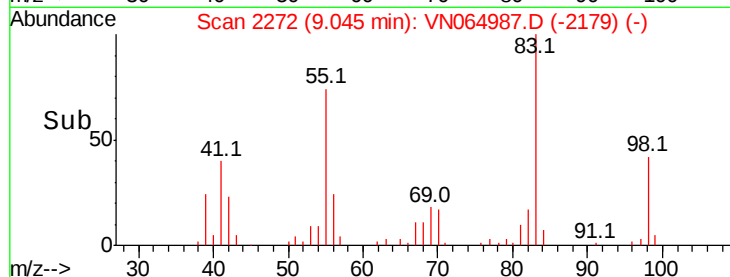
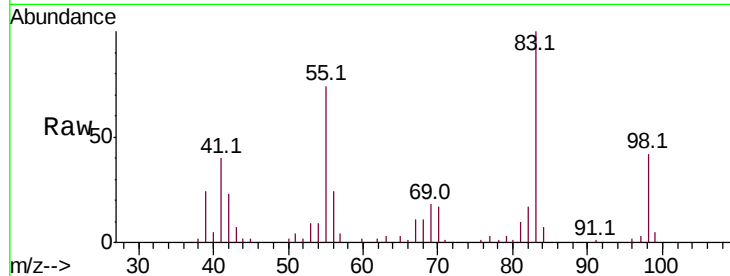




#39
Methvlcvclohexane
Concen: 15.292 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

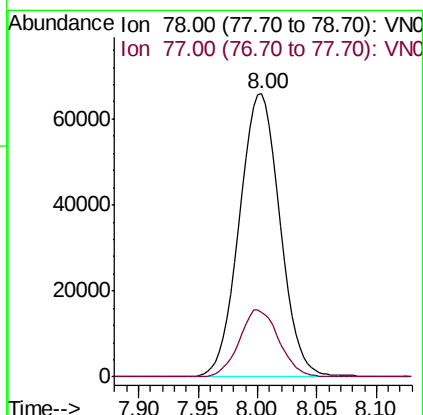
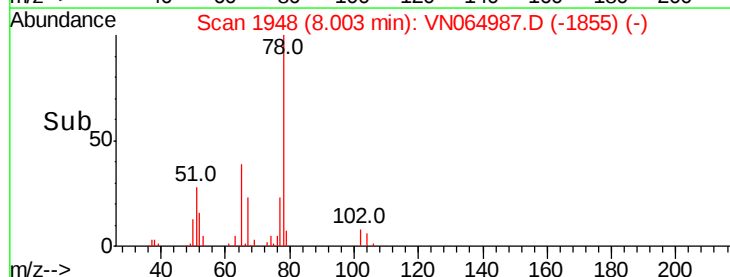
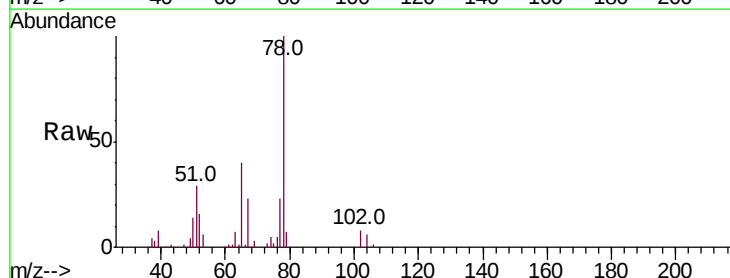
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

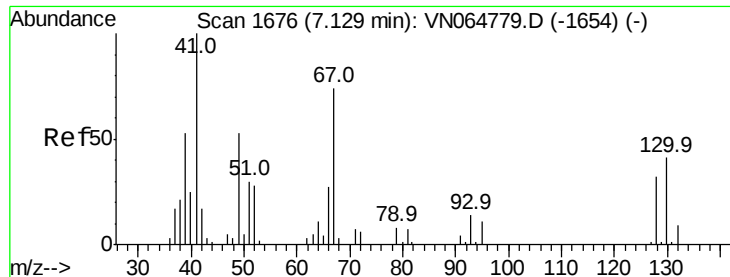
Tot Ion: 83 Resp: 46871
Ion Ratio Lower Upper
83 100
55 74.5 60.2 90.2
98 41.6 37.4 56.2



#40
Benzene
Concen: 17.888 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 78 Resp: 156067
Ion Ratio Lower Upper
78 100
77 22.8 17.9 26.9

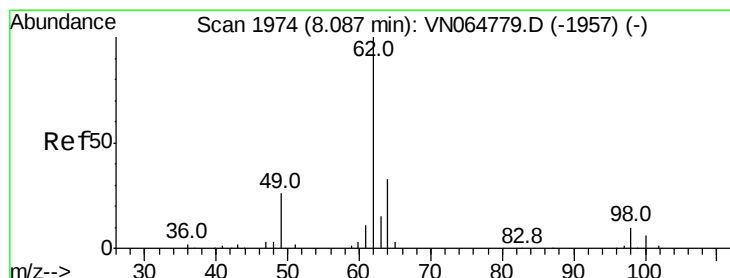
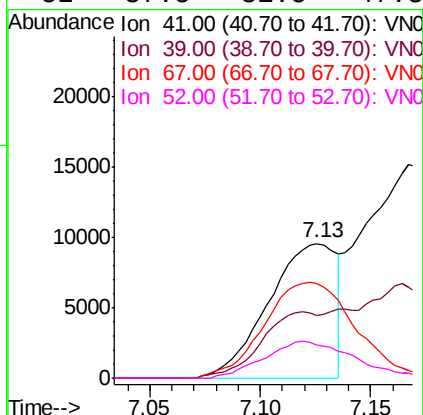
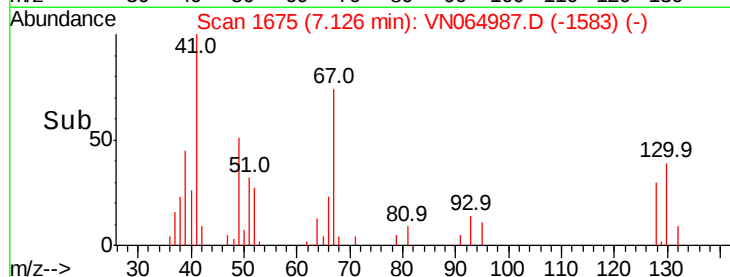
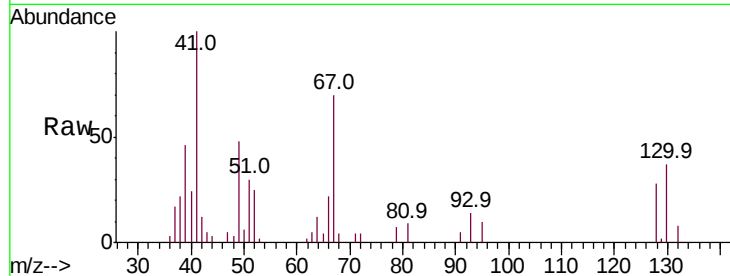




#41
Methacrylonitrile
Concen: 16.164 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

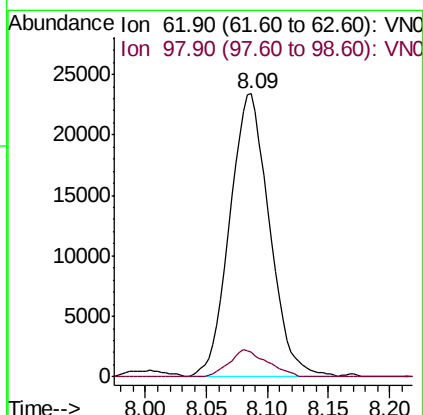
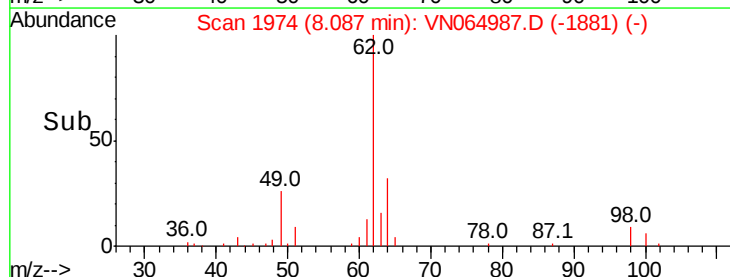
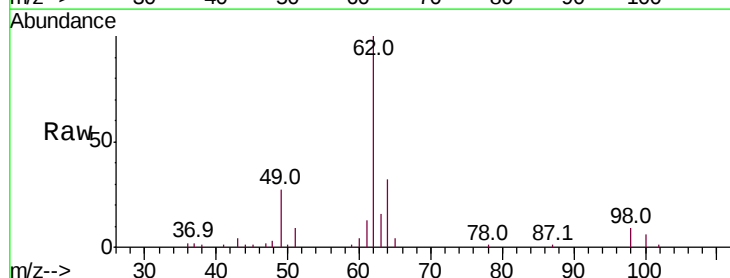
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

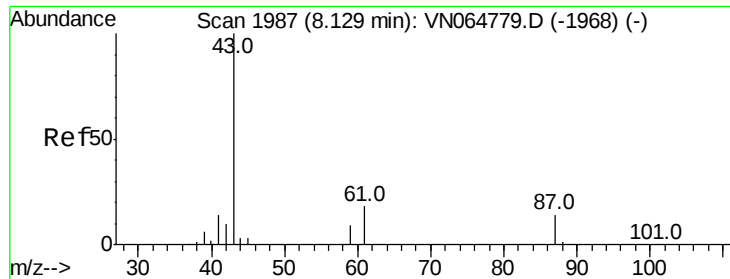
Tot Ion: 41 Resp: 20455
Ion Ratio Lower Upper
41 100
39 39.7 51.0 76.6#
67 96.4 79.8 119.8
52 37.5 31.5 47.3



#42
1,2-Dichloroethane
Concen: 17.949 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 62 Resp: 52828
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.6





#43

Isopropyl Acetate

Concen: 18.196 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

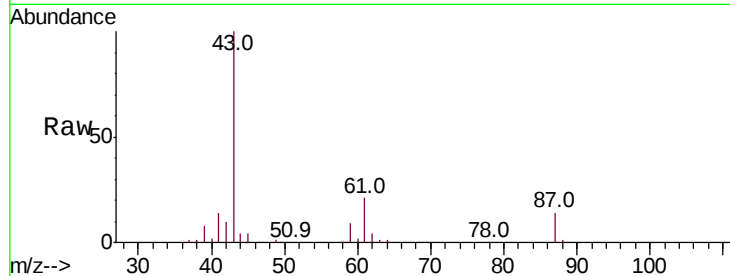
Tot Ion: 43 Resp: 80301

Ion Ratio Lower Upper

43 100

61 20.3 17.2 25.8

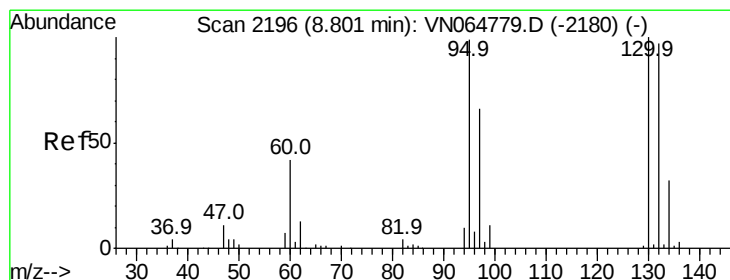
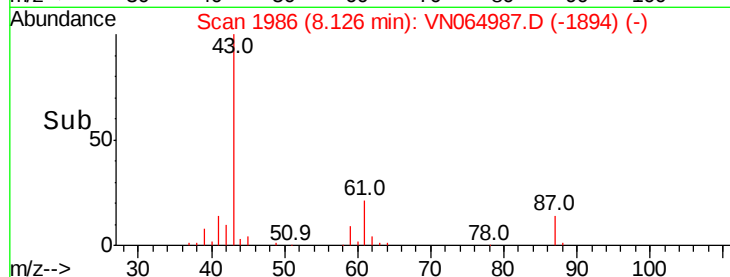
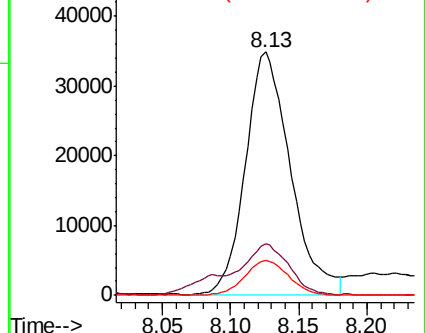
87 13.7 11.4 17.0



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: 16.653 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064987.D

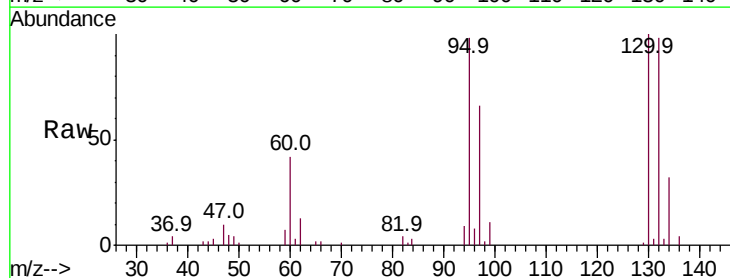
Acq: 8 Dec 2020 23:26

Tgt Ion:130 Resp: 42868

Ion Ratio Lower Upper

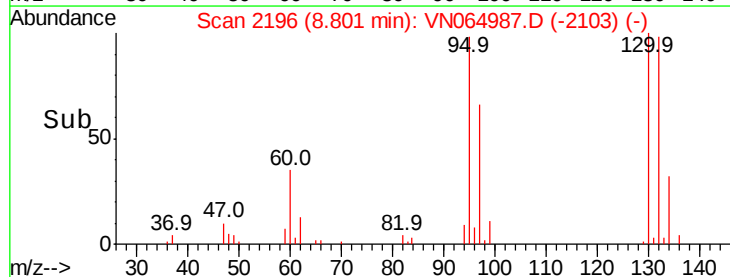
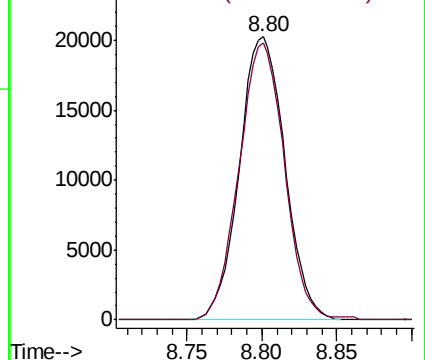
130 100

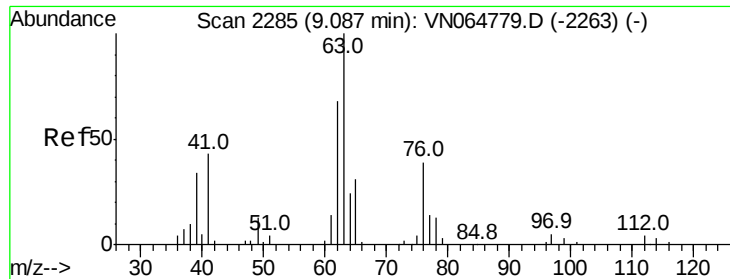
95 97.8 0.0 197.8



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: 18.503 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

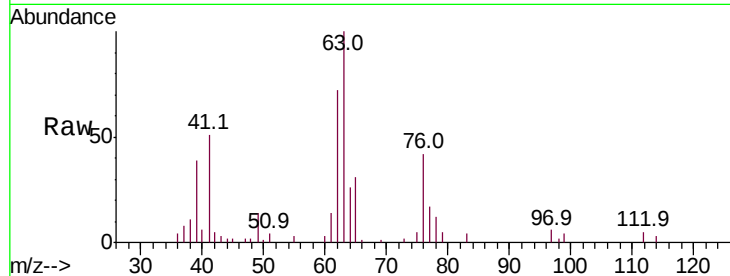
VN1208WBS02

Tot Ion: 63 Resp: 41805

Ion Ratio Lower Upper

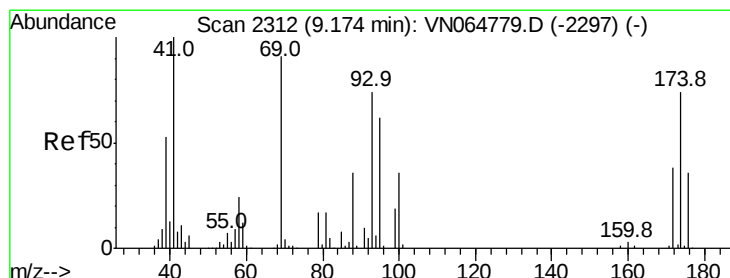
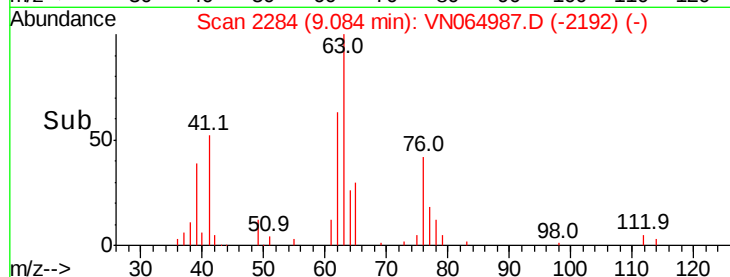
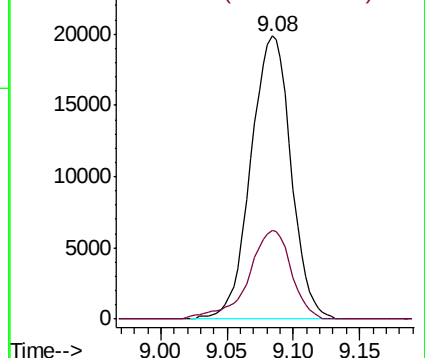
63 100

65 31.4 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: 18.766 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

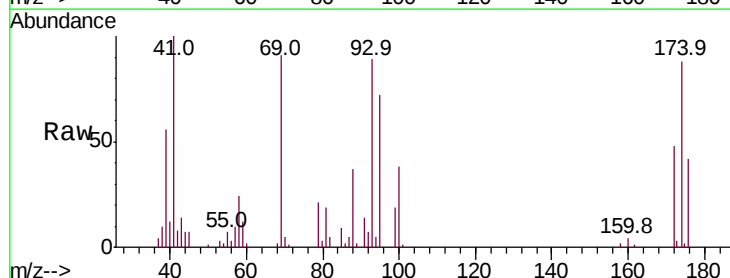
Tgt Ion: 93 Resp: 28326

Ion Ratio Lower Upper

93 100

95 80.1 68.8 103.2

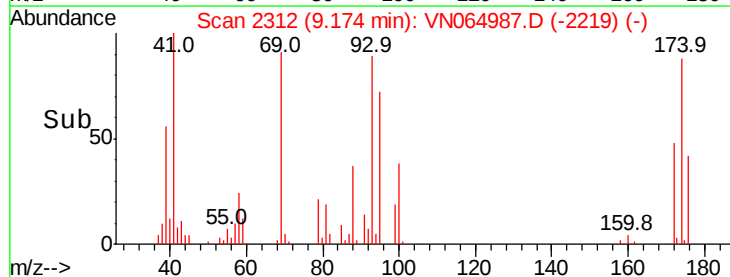
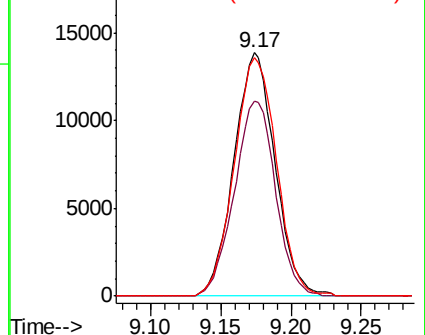
174 100.7 83.1 124.7

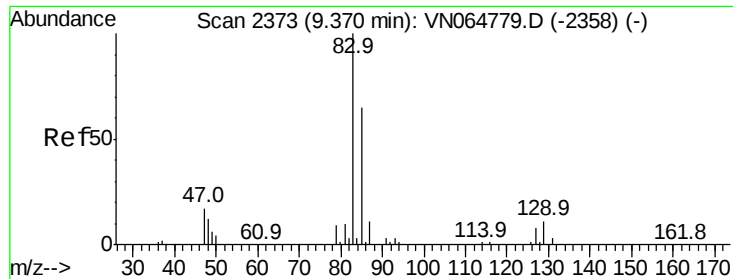


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.255 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

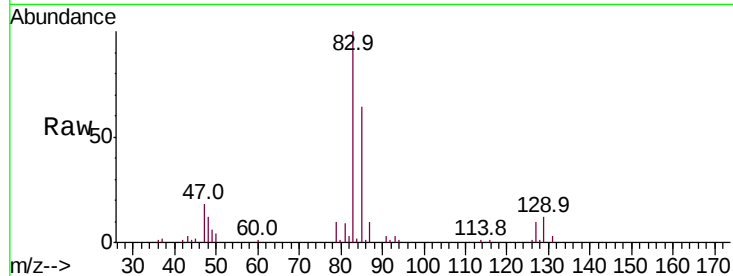
Tot Ion: 83 Resp: 55445

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.8

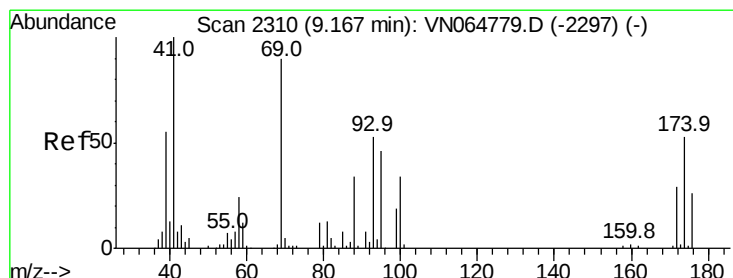
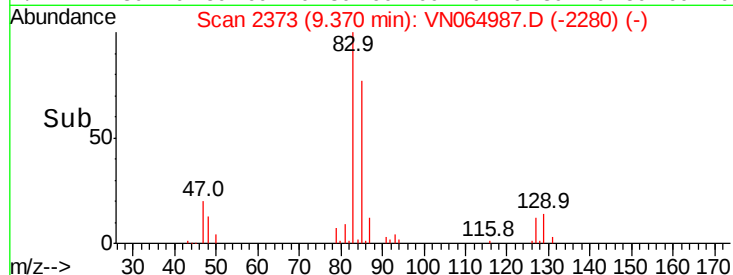
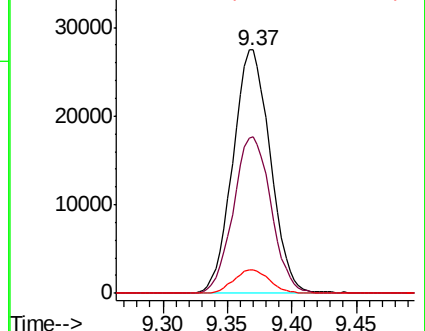
127 9.7 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064987.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064987.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064987.D (-2280) (-)



#48

Methyl methacrylate

Concen: 17.672 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

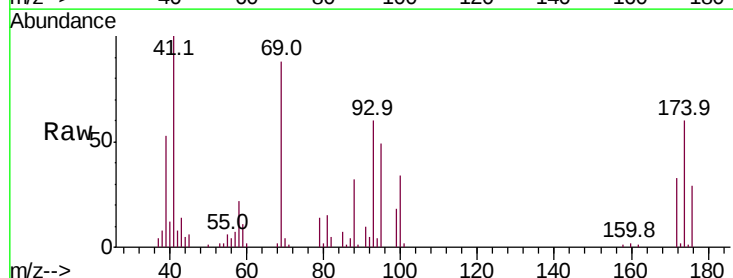
Tgt Ion: 41 Resp: 37267

Ion Ratio Lower Upper

41 100

69 89.1 71.8 107.8

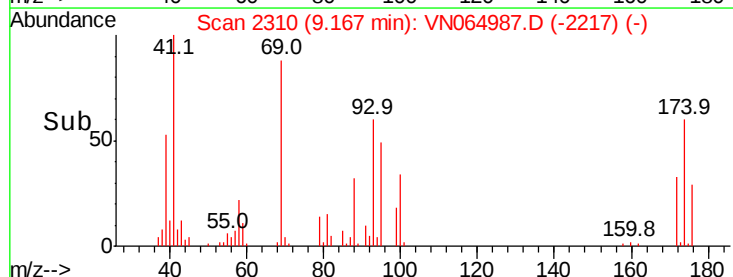
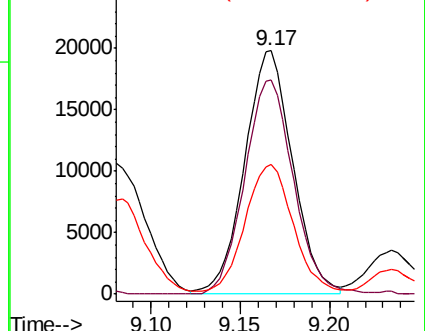
39 54.0 44.1 66.1

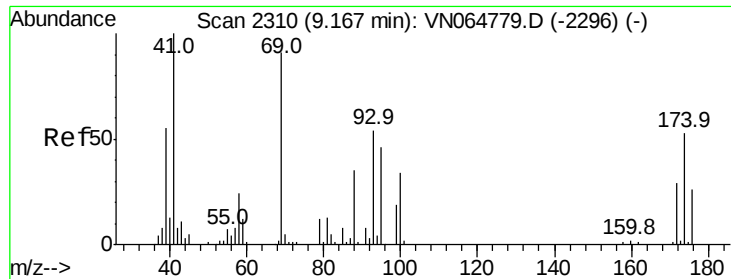


Abundance Ion 41.00 (40.70 to 41.70): VN064987.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064987.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064987.D (-2217) (-)

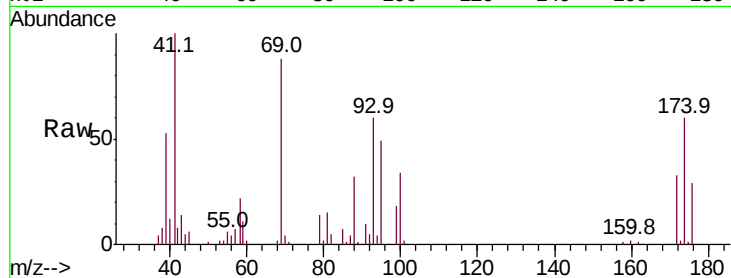




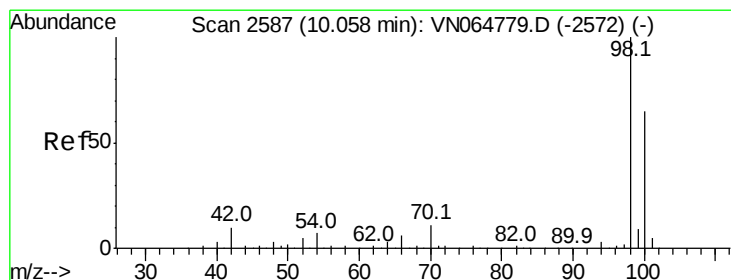
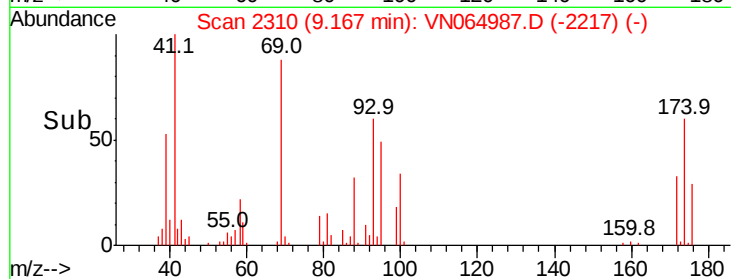
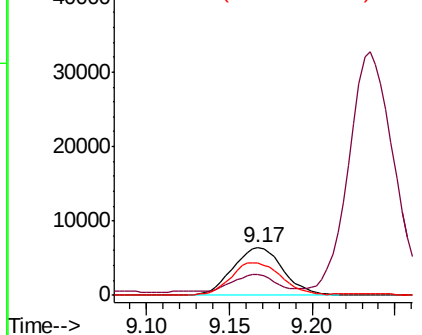
#49
1,4-Dioxane
Concen: 337.137 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion: 88 Resp: 13437
Ion Ratio Lower Upper
88 100
43 33.9 24.2 36.4
58 69.4 52.5 78.7

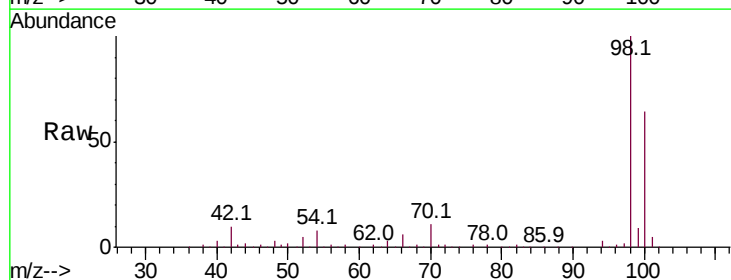


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

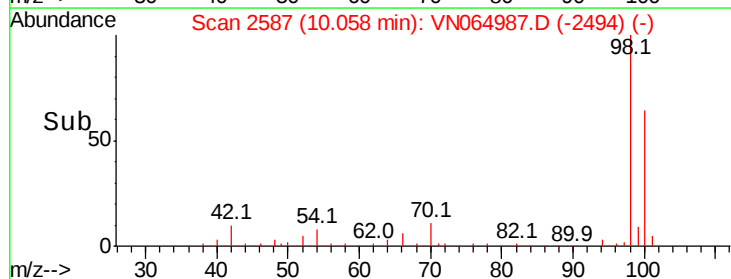
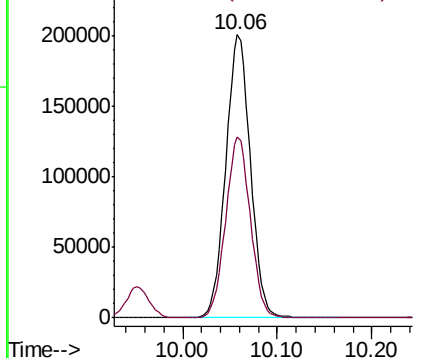


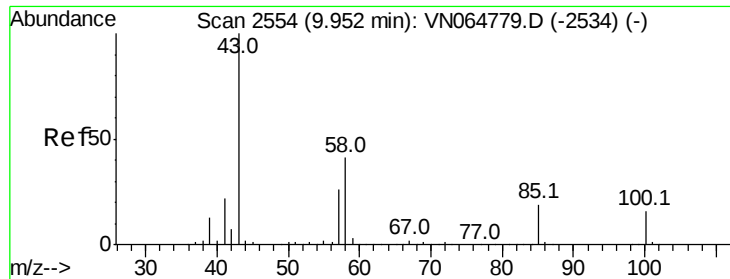
#50
Toluene-d8
Concen: 48.402 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 98 Resp: 363501
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 88.564 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampled :

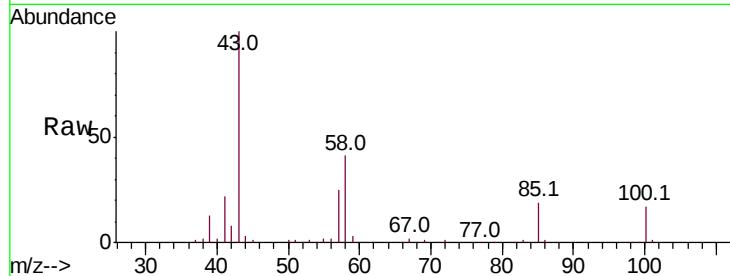
VN1208WBS02

Tot Ion: 43 Resp: 234644

Ion Ratio Lower Upper

43 100

58 39.7 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

150000

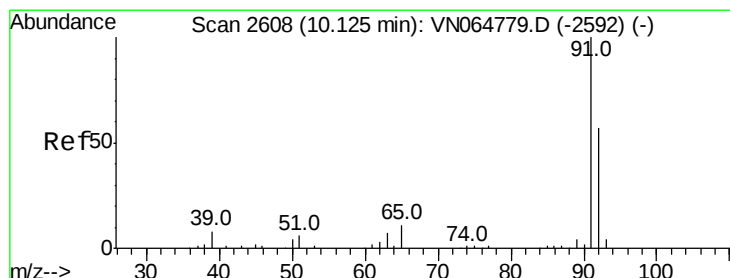
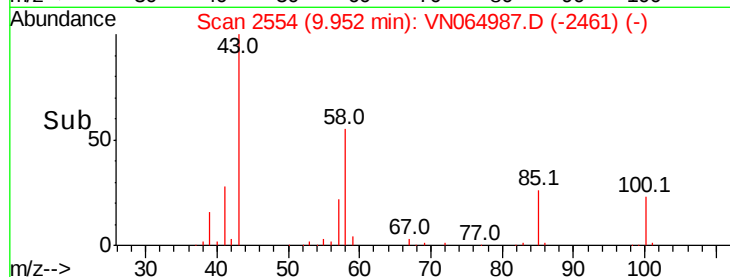
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 18.555 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064987.D

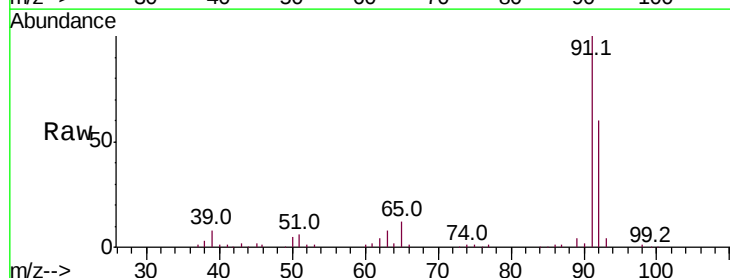
Acq: 8 Dec 2020 23:26

Tgt Ion: 92 Resp: 99697

Ion Ratio Lower Upper

92 100

91 169.1 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

100000

80000

60000

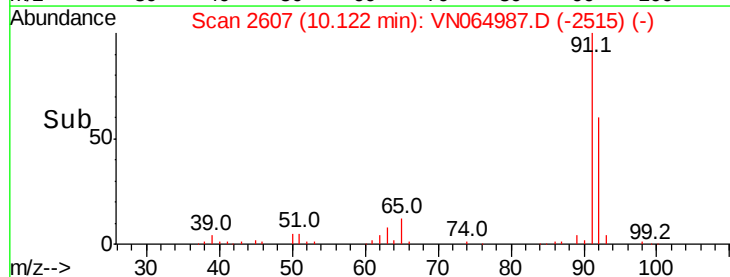
40000

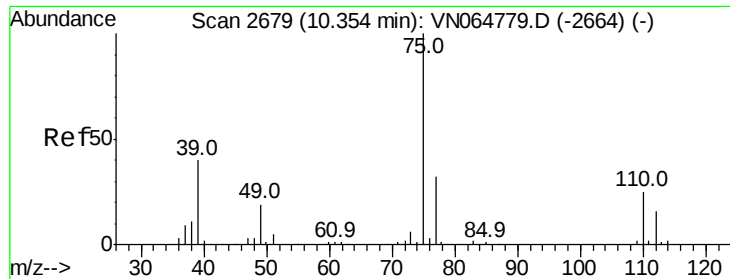
20000

0

10.05 10.10 10.12 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.294 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

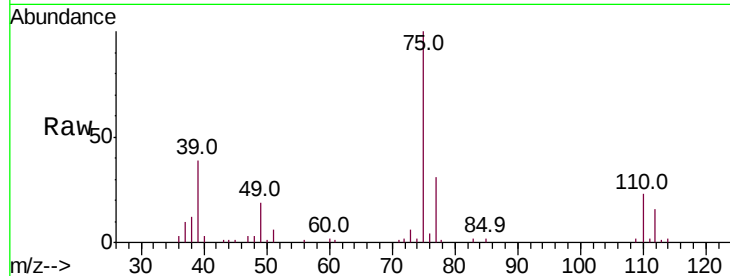
VN1208WBS02

Tot Ion: 75 Resp: 58501

Ion Ratio Lower Upper

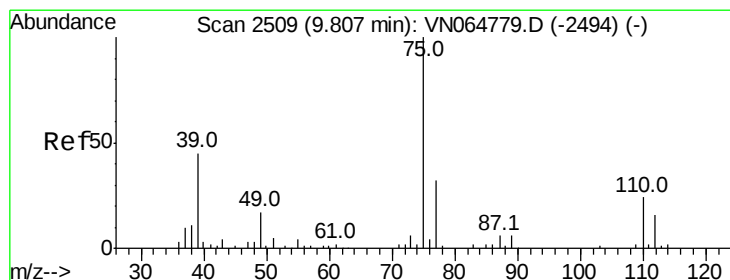
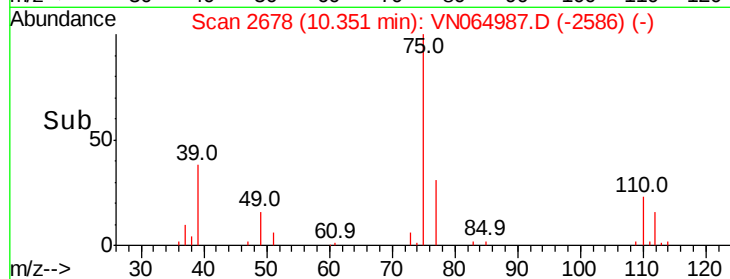
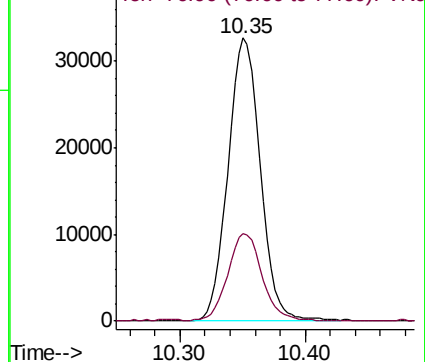
75 100

77 31.0 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 17.882 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

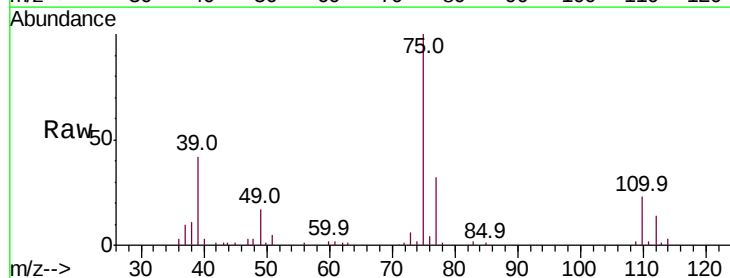
Tgt Ion: 75 Resp: 64838

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

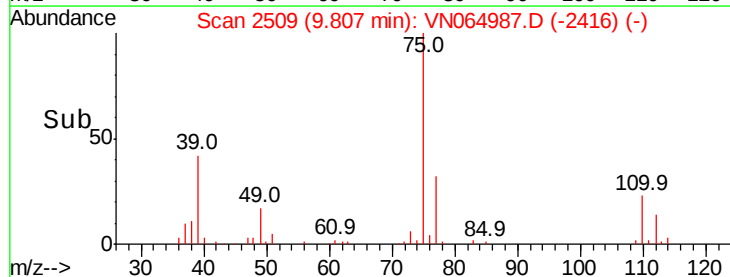
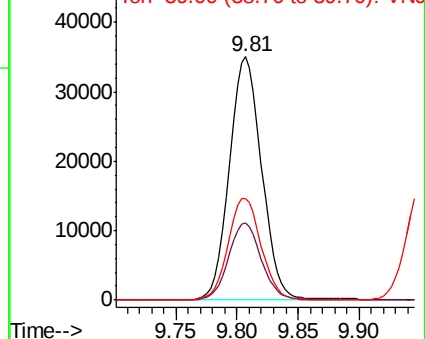
39 41.8 35.6 53.4

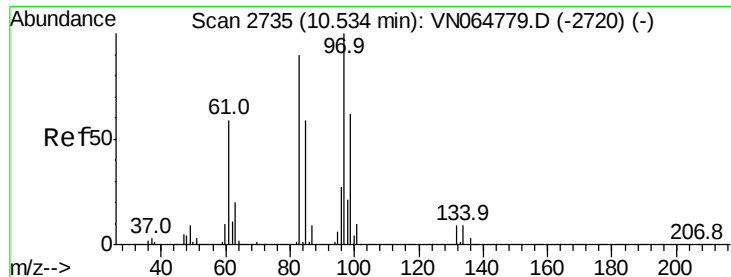


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 18.390 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

Tot Ion: 97 Resp: 40633

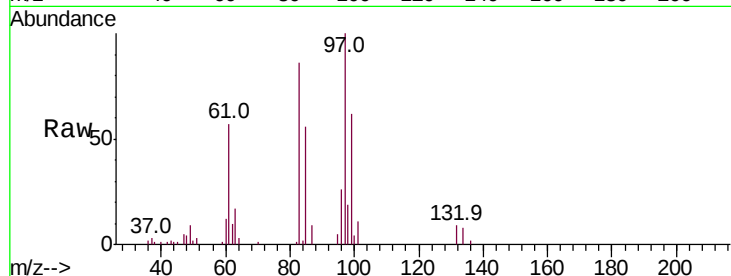
Ion Ratio Lower Upper

97 100

83 86.3 72.1 108.1

85 55.7 46.8 70.2

99 62.1 49.6 74.4

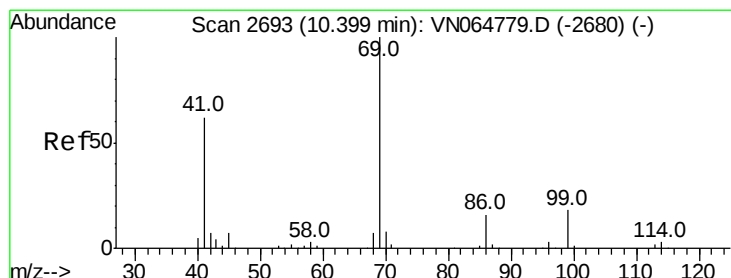
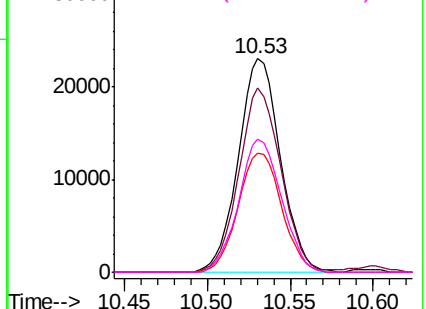
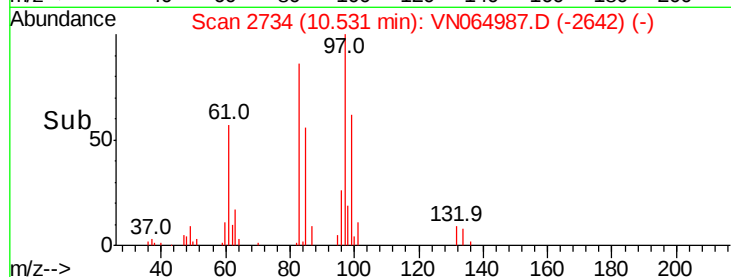


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 16.987 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

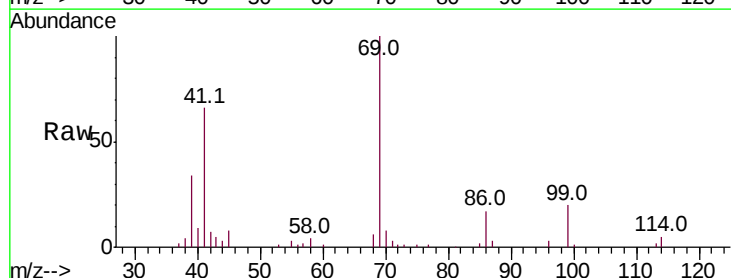
Tgt Ion: 69 Resp: 51794

Ion Ratio Lower Upper

69 100

41 65.5 49.4 74.0

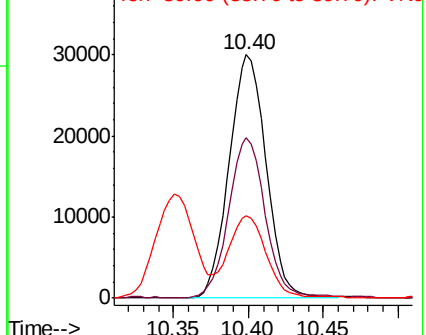
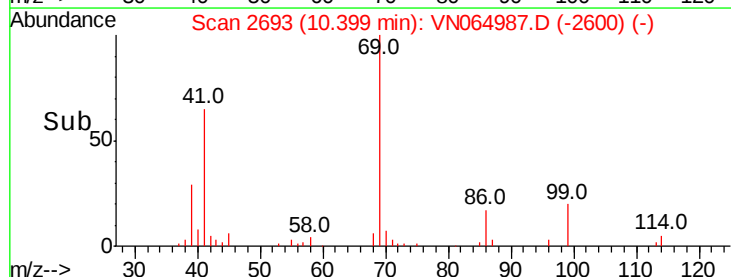
39 33.4 25.9 38.9

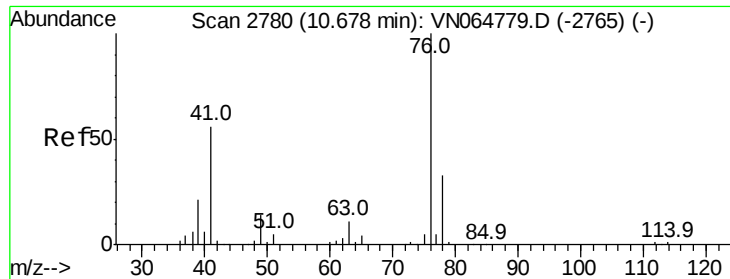


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

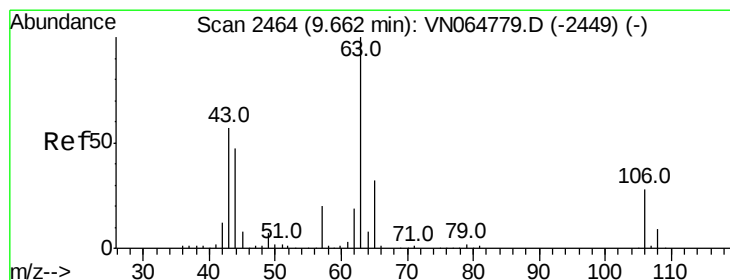
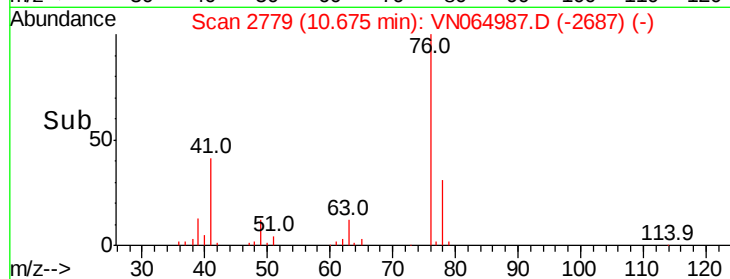
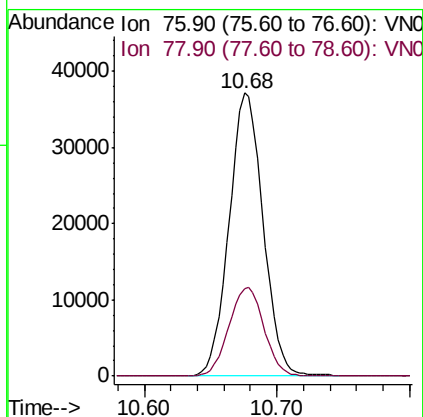
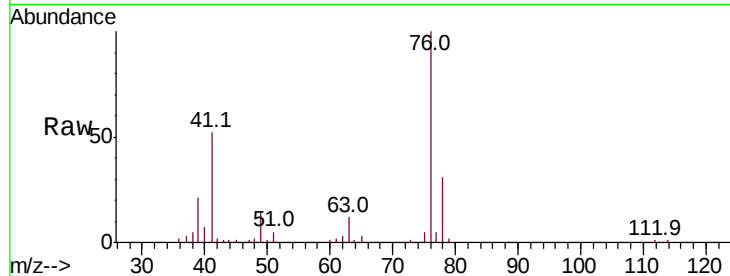




#57
 1,3-Dichloropropane
 Concen: 18.193 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

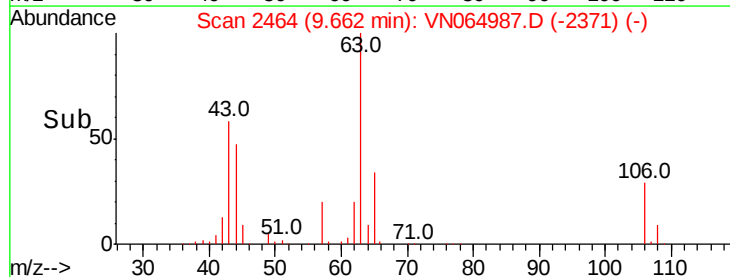
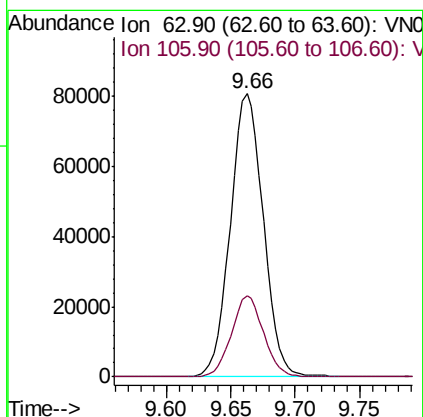
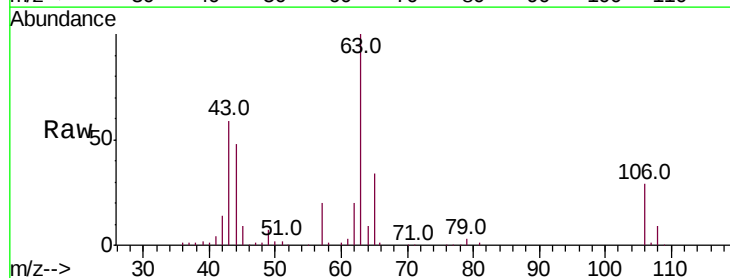
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

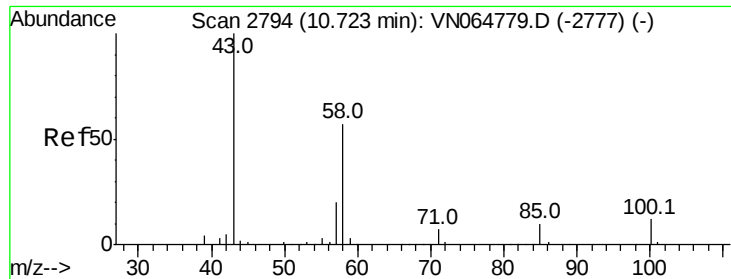
Tot Ion: 76 Resp: 66309
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.448 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion: 63 Resp: 143309
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.7 34.1

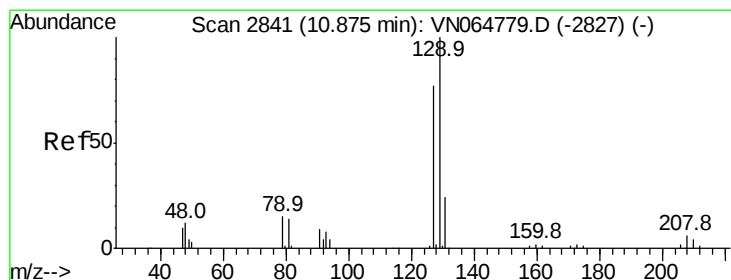
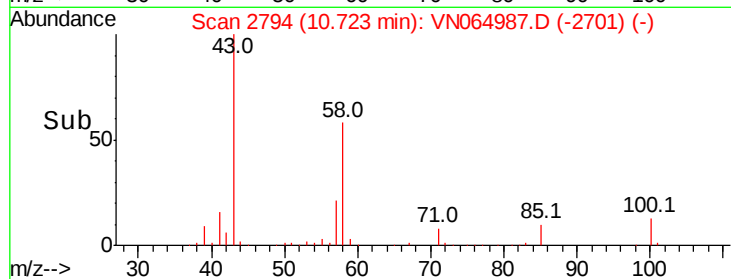
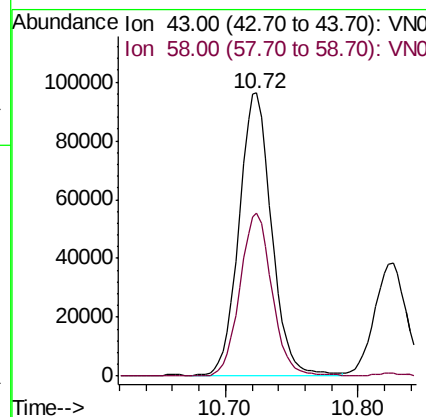
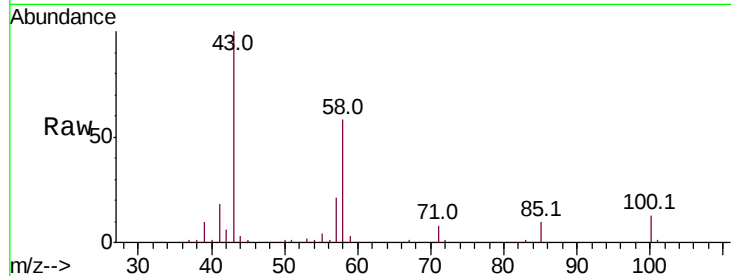




#59
2-Hexanone
Concen: 85.182 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

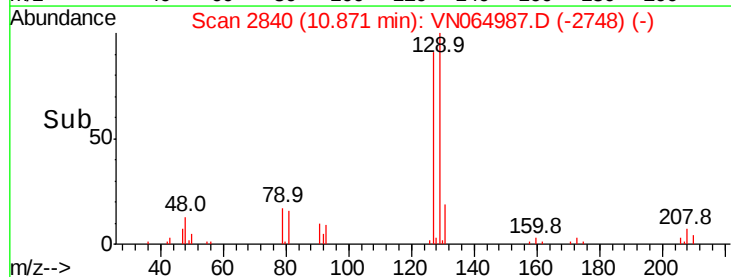
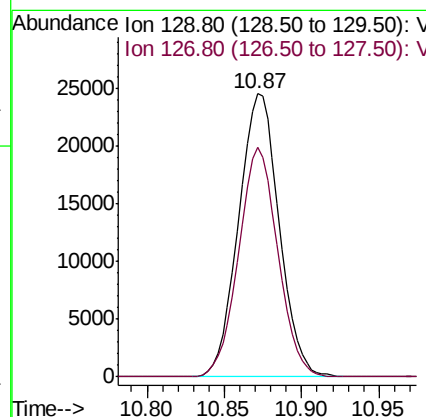
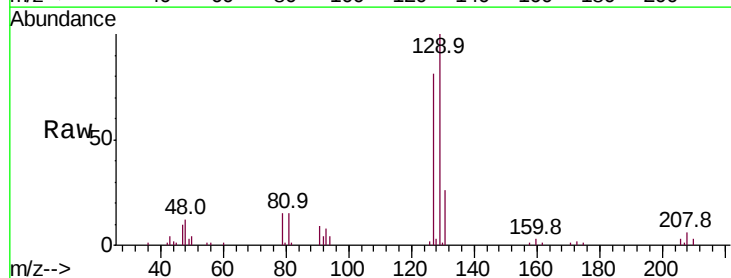
Instrument :
MSVOA_N
ClientSampled :
VN1208WBS02

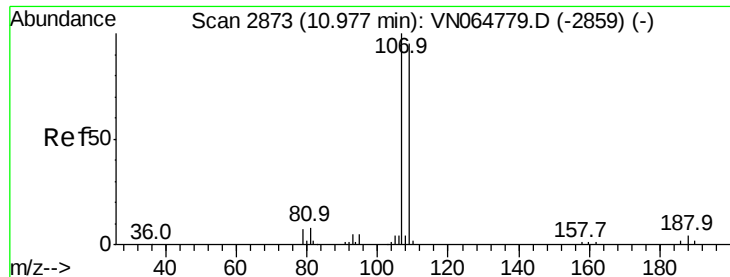
Tot Ion: 43 Resp: 162422
Ion Ratio Lower Upper
43 100
58 57.6 28.3 84.9



#60
Dibromochloromethane
Concen: 18.202 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 129 Resp: 44704
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.099 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

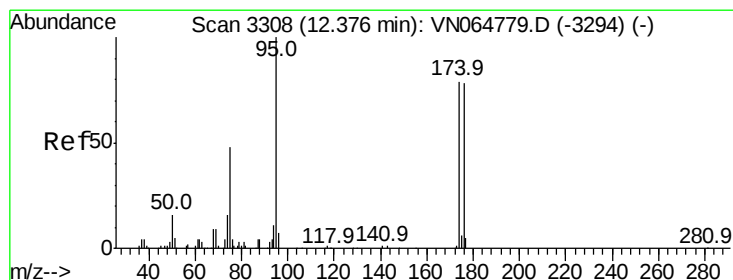
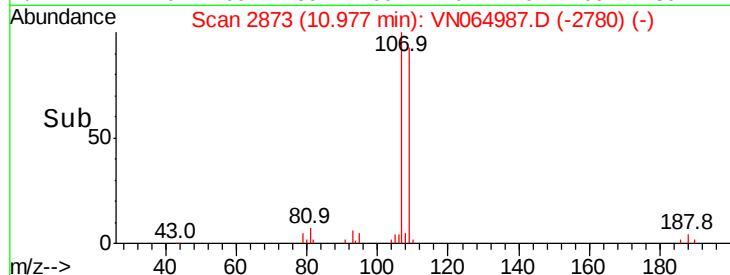
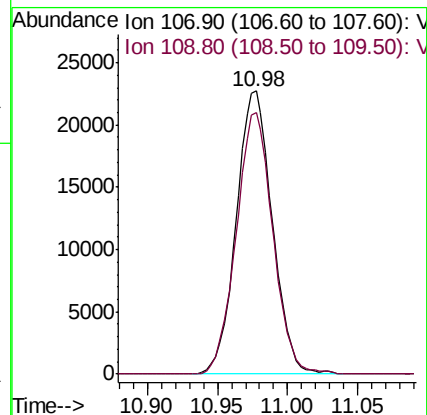
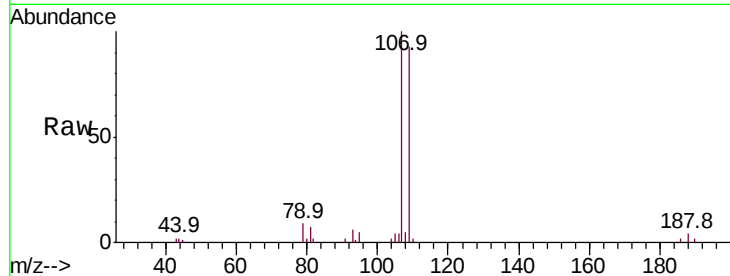
VN1208WBS02

Tot Ion:107 Resp: 40627

Ion Ratio Lower Upper

107 100

109 94.1 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 47.051 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

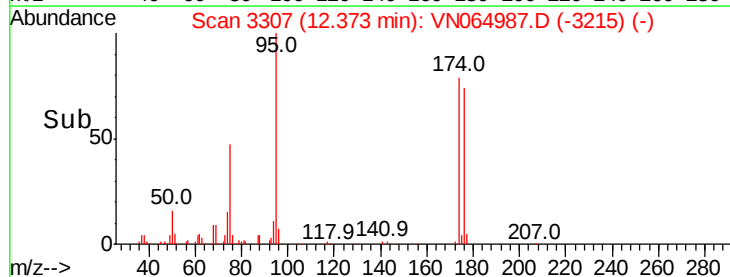
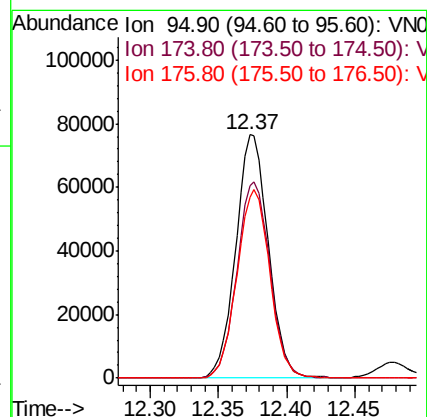
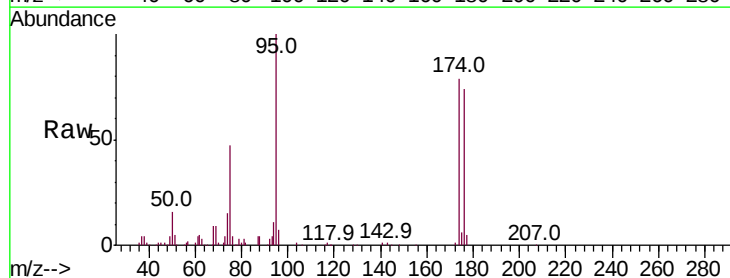
Tgt Ion: 95 Resp: 126458

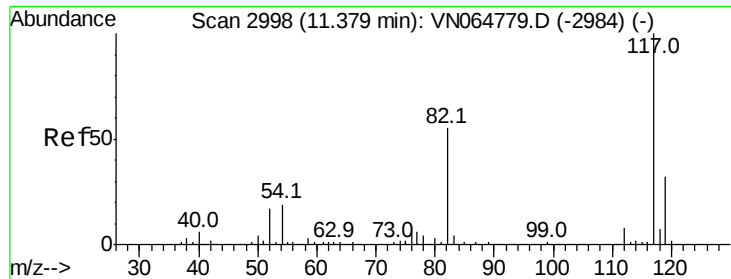
Ion Ratio Lower Upper

95 100

174 82.2 0.0 160.4

176 78.5 0.0 158.4

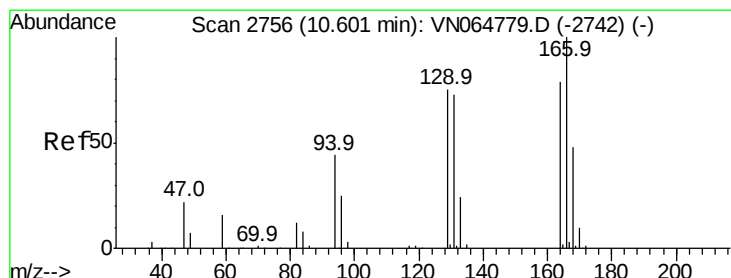
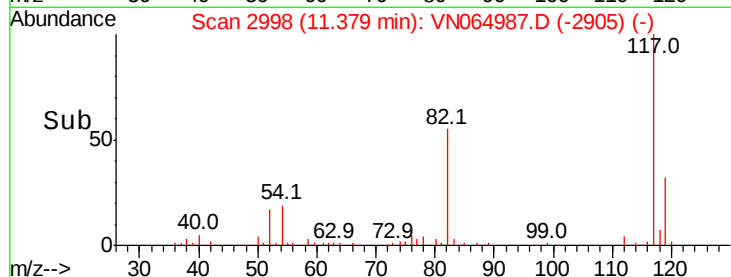
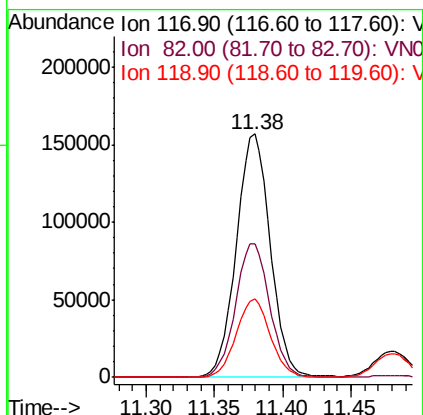
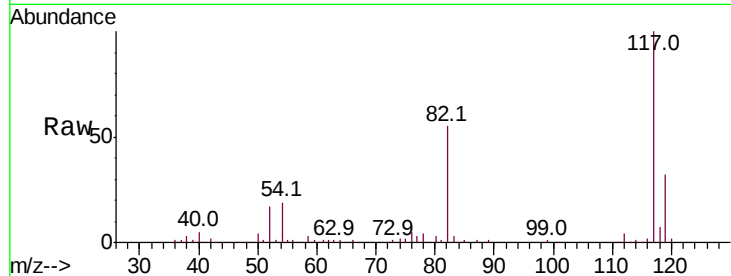




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

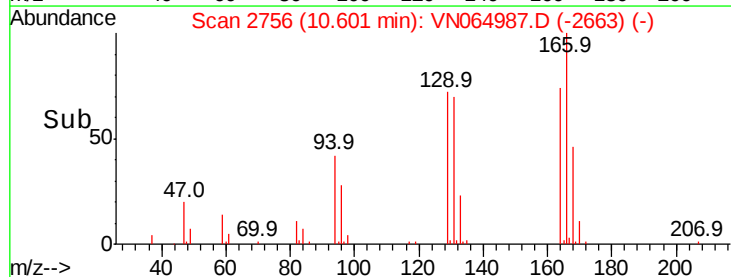
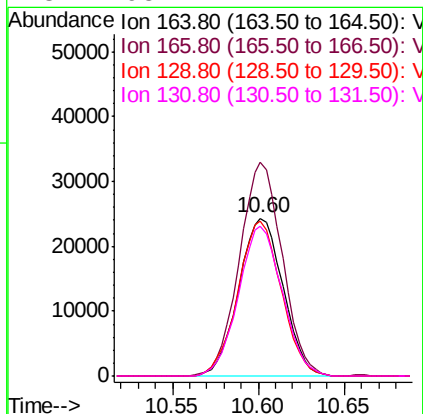
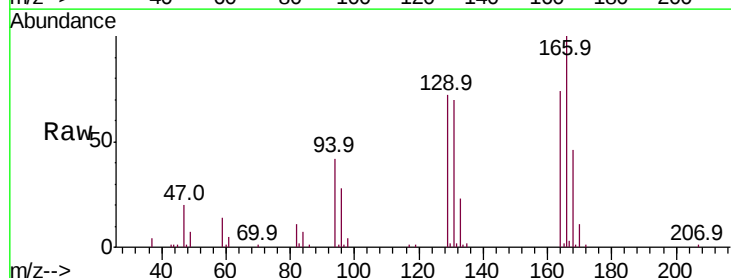
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

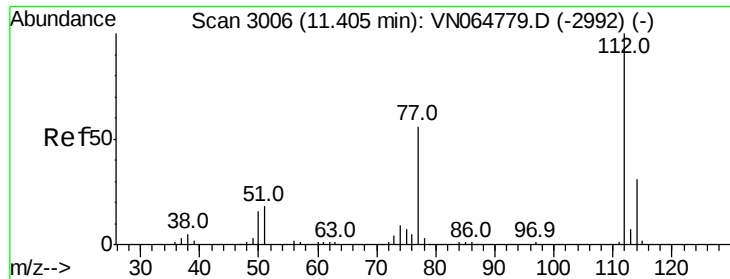
Tot Ion:117 Resp: 271089
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 16.464 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion:164 Resp: 43422
Ion Ratio Lower Upper
164 100
166 135.6 101.4 152.0
129 98.3 76.1 114.1
131 95.4 74.2 111.2

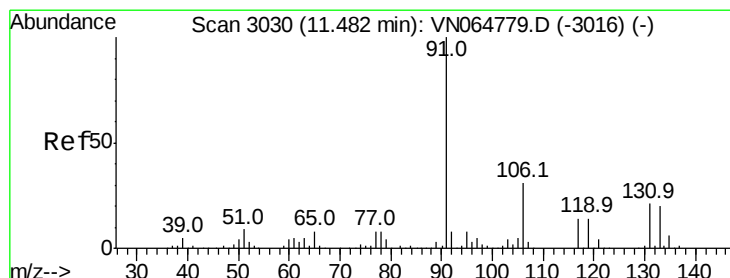
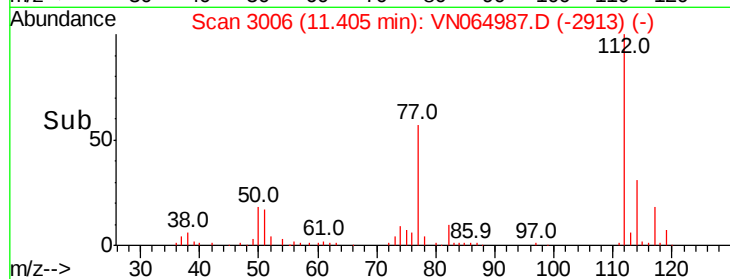
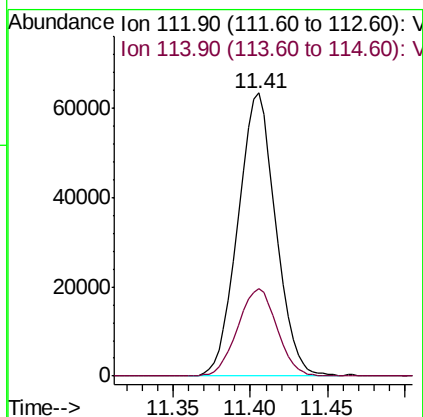
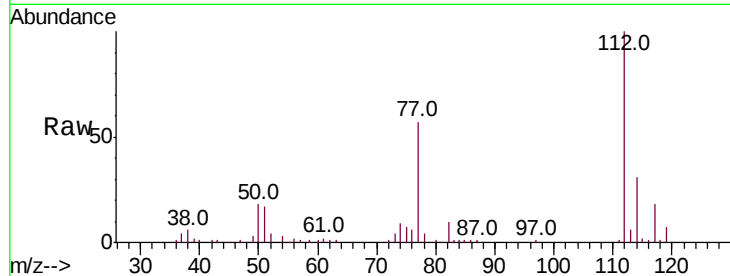




#65
Chlorobenzene
Concen: 18.540 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

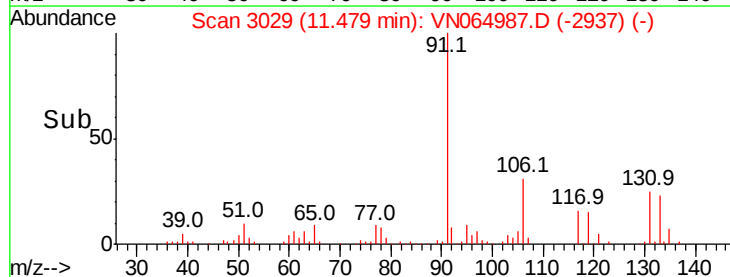
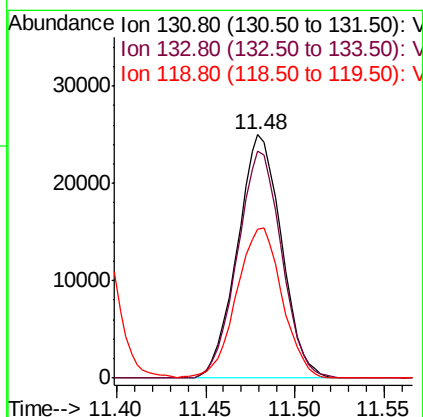
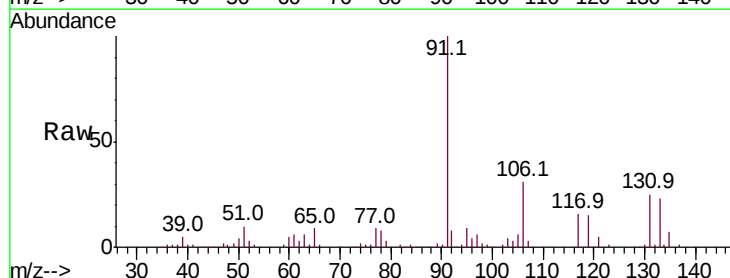
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

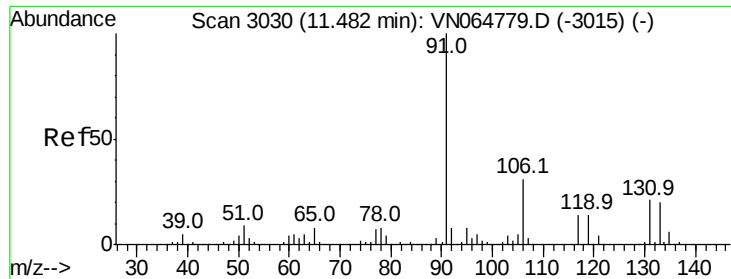
Tot Ion:112 Resp: 107929
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.112 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion:131 Resp: 43029
Ion Ratio Lower Upper
131 100
133 93.5 47.5 142.5
119 63.9 33.3 99.8

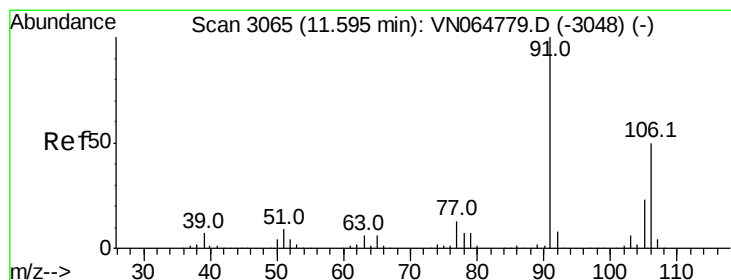
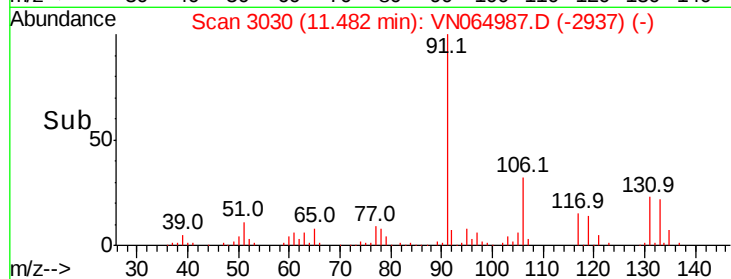
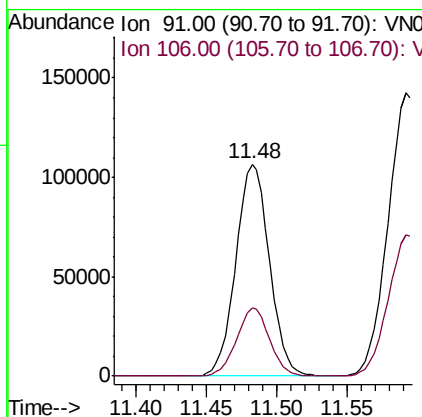
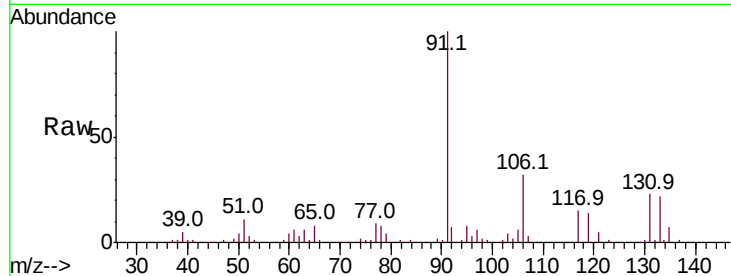




#67
Ethyl Benzene
Concen: 18.318 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

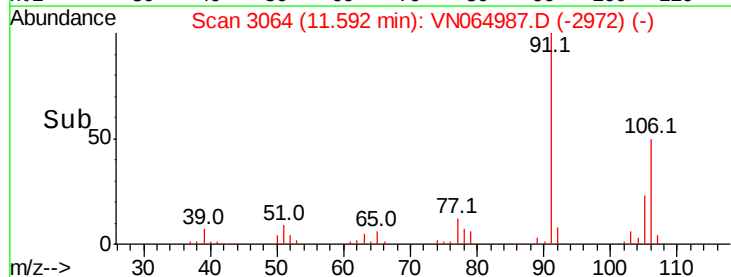
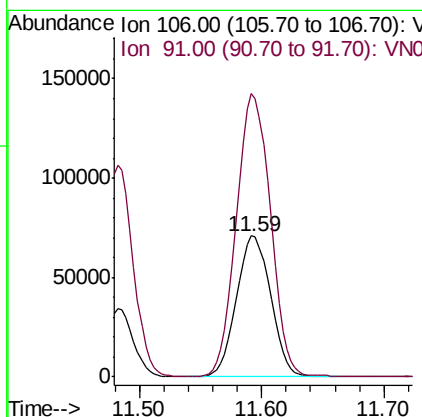
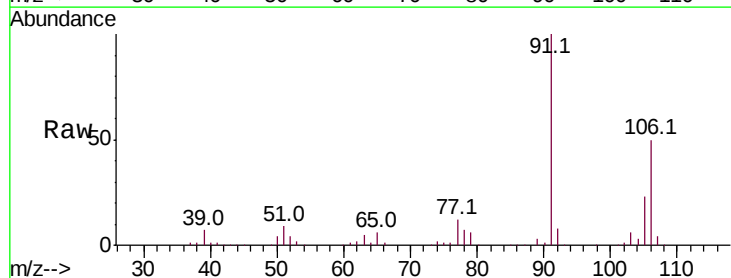
Instrument :
MSVOA_N
ClientSampled :
VN1208WBS02

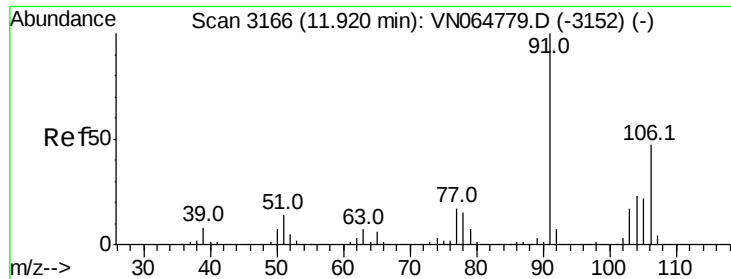
Tot Ion: 91 Resp: 178149
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8



#68
m/p-Xylenes
Concen: 37.491 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 106 Resp: 138043
Ion Ratio Lower Upper
106 100
91 199.8 161.0 241.4

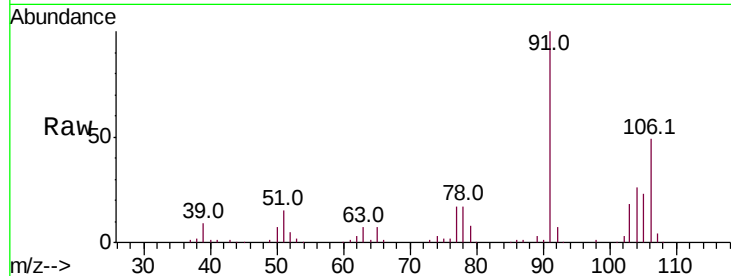




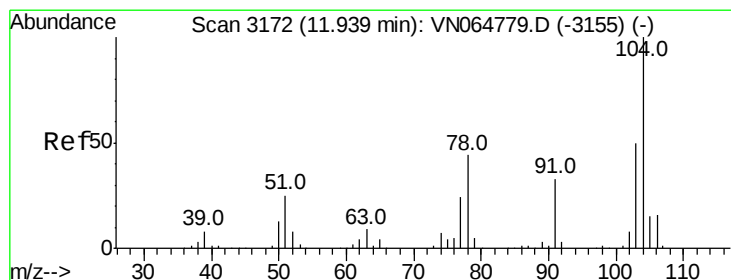
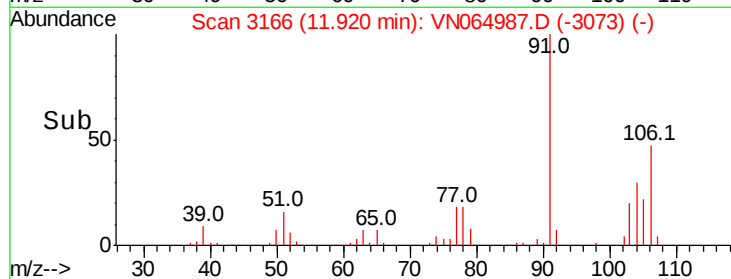
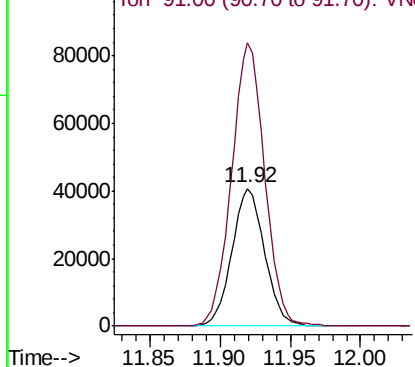
#69
o-Xylene
Concen: 18.945 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion:106 Resp: 66196
Ion Ratio Lower Upper
106 100
91 208.6 105.5 316.5

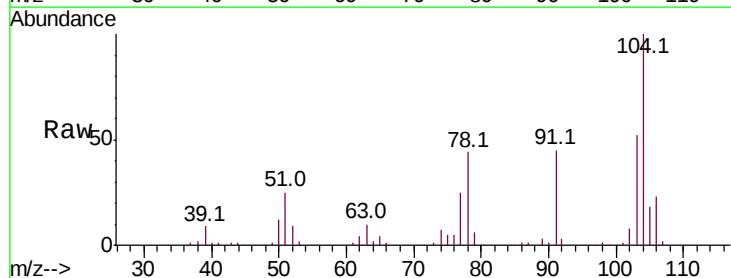


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

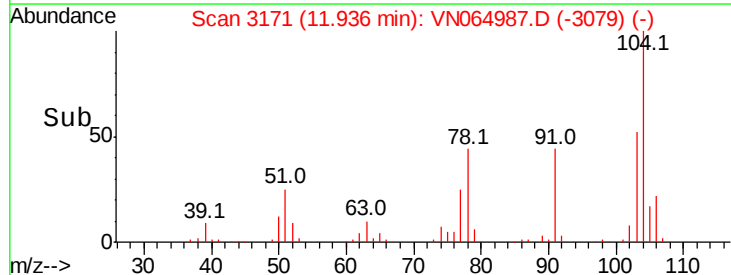
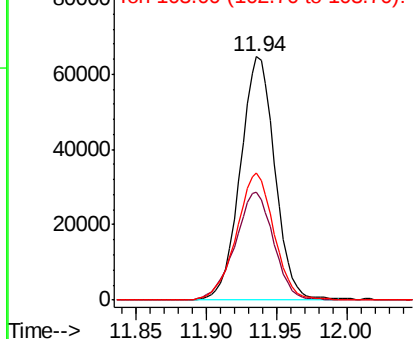


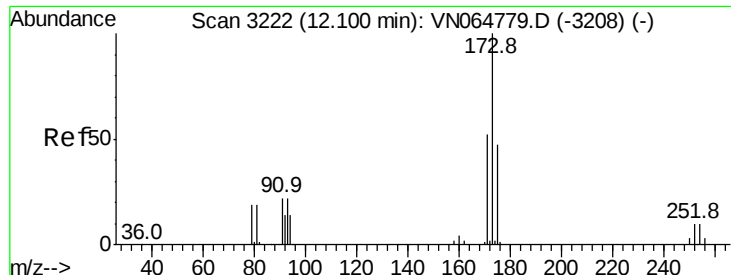
#70
Styrene
Concen: 18.867 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion:104 Resp: 111288
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.6
103 56.5 44.3 66.5



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





#71

Bromoform

Concen: 18.478 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

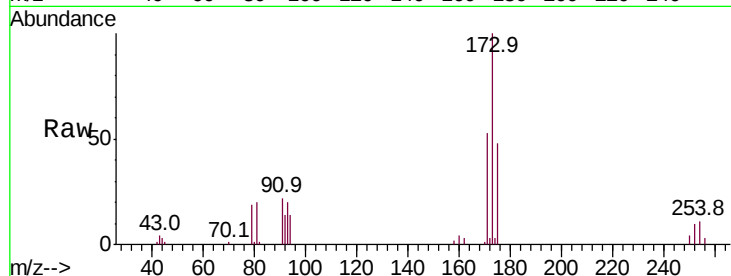
Tot Ion:173 Resp: 31575

Ion Ratio Lower Upper

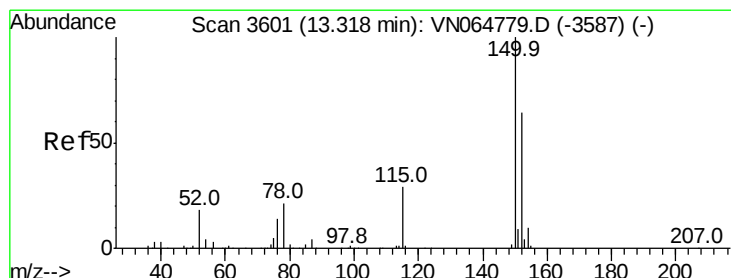
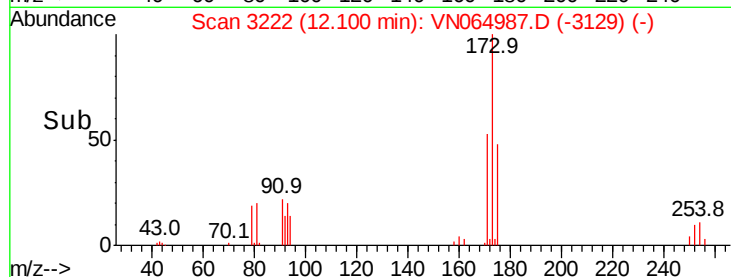
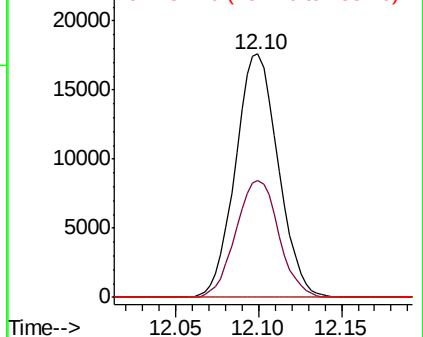
173 100

175 48.2 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

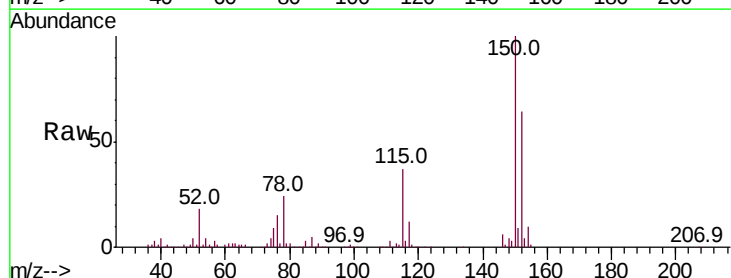
Tgt Ion:152 Resp: 132471

Ion Ratio Lower Upper

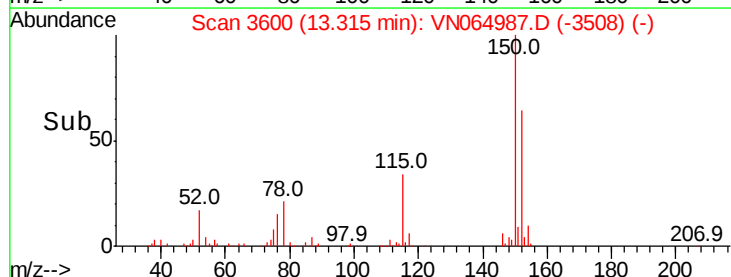
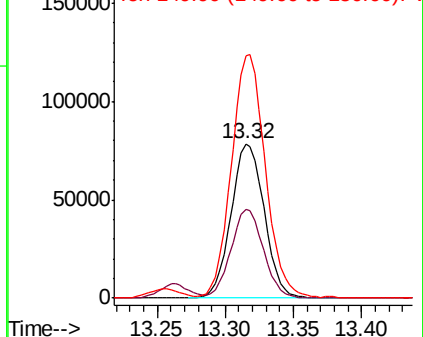
152 100

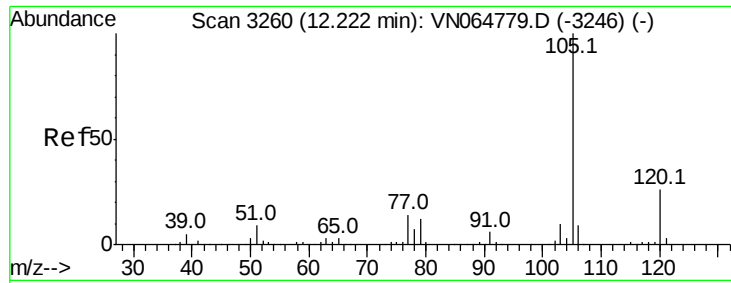
115 56.6 29.7 89.1

150 160.1 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: 18.743 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

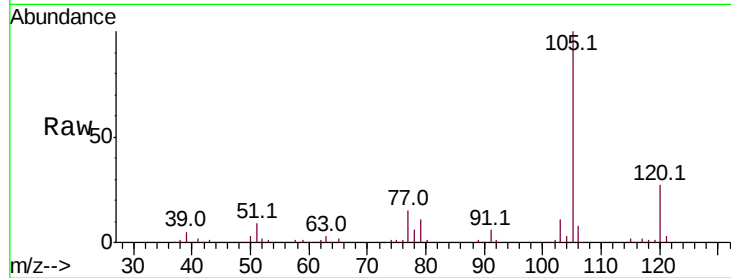
VN1208WBS02

Tot Ion:105 Resp: 172708

Ion Ratio Lower Upper

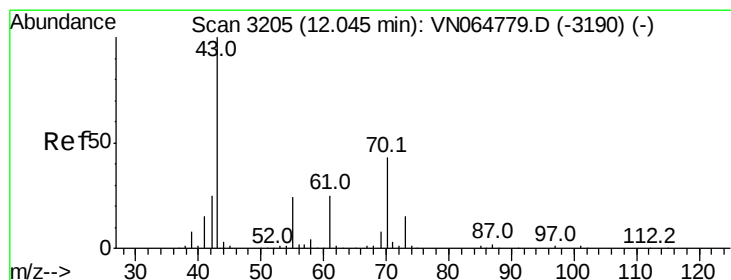
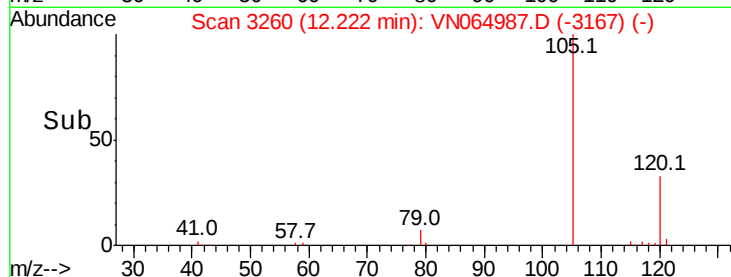
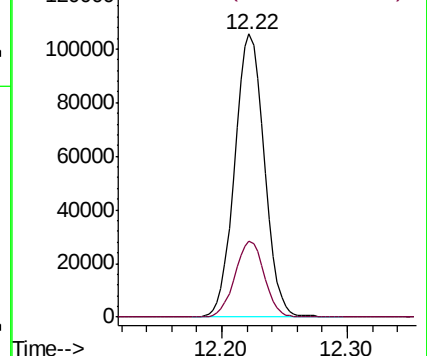
105 100

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



#74

N-ethyl acetate

Concen: 17.439 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Tgt Ion: 43 Resp: 63236

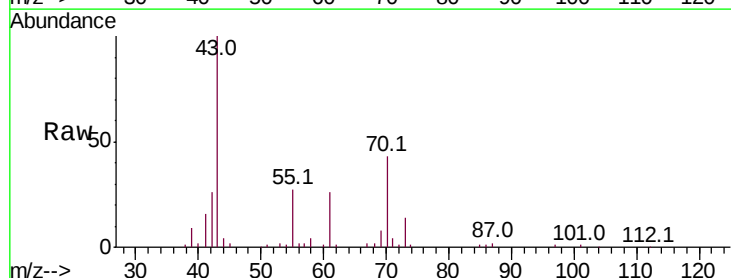
Ion Ratio Lower Upper

43 100

70 44.3 34.5 51.7

55 27.1 20.4 30.6

61 25.3 20.0 30.0

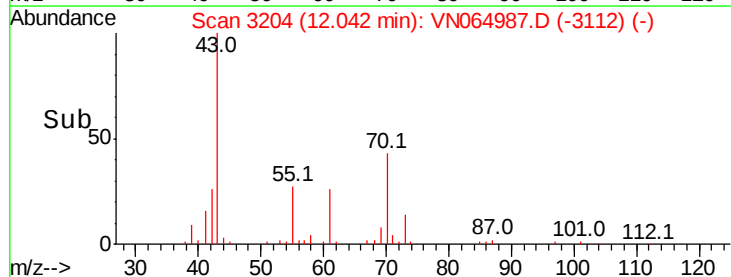
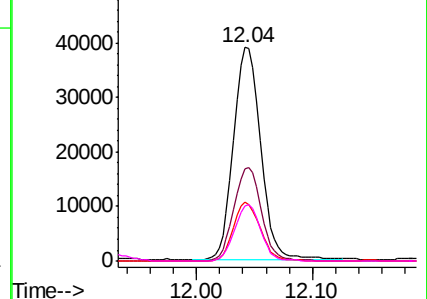


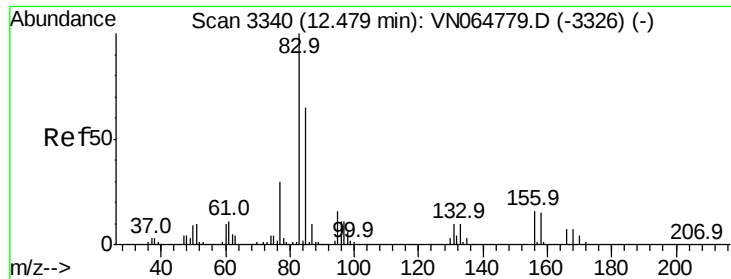
Abundance Ion 43.00 (42.70 to 43.70): VN0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.396 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

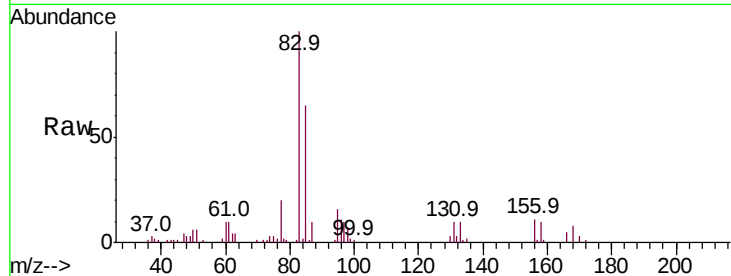
Tot Ion: 83 Resp: 55083

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

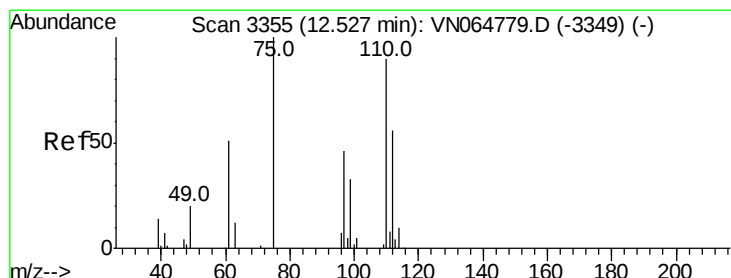
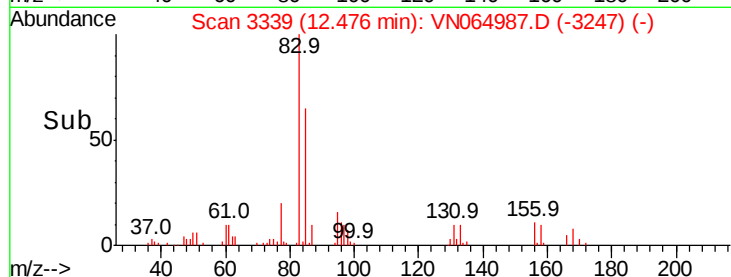
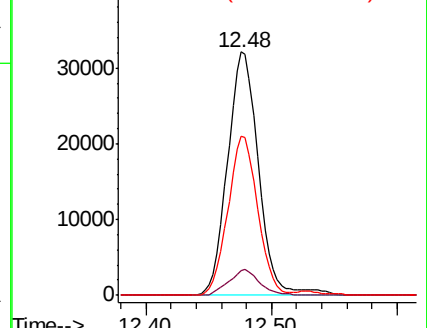
85 62.5 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 24.830 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064987.D

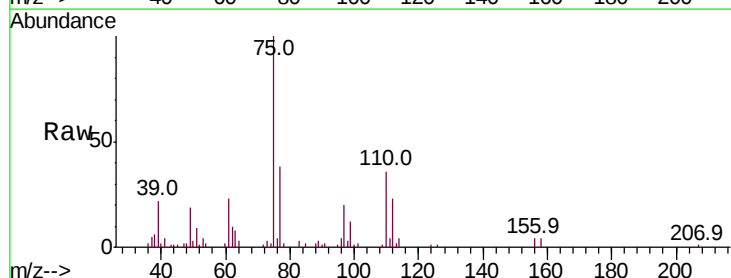
Acq: 8 Dec 2020 23:26

Tgt Ion: 75 Resp: 70837

Ion Ratio Lower Upper

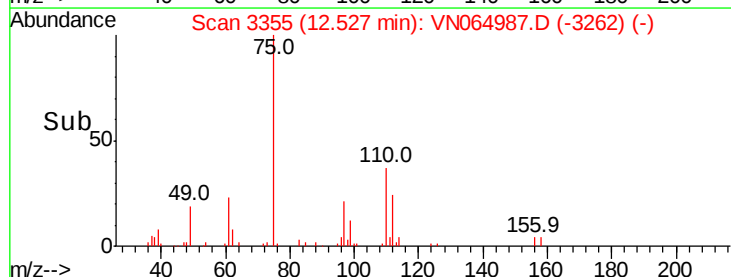
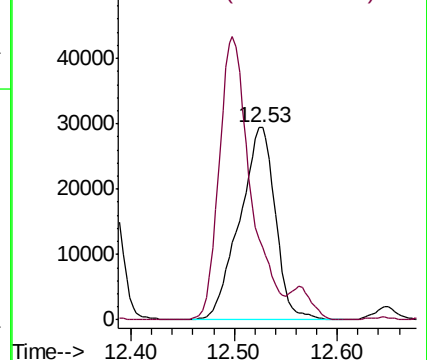
75 100

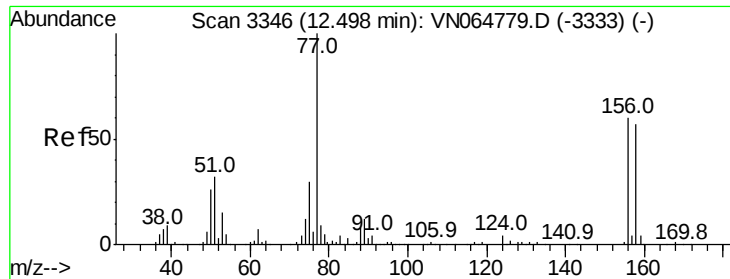
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.678 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

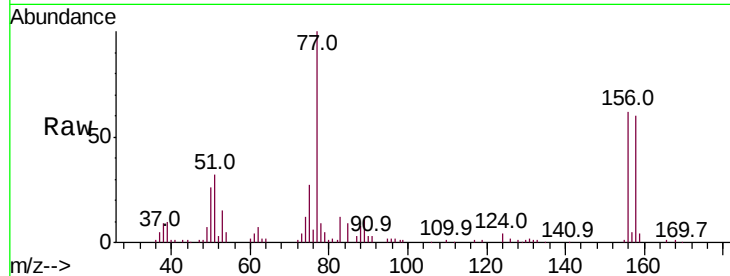
Tot Ion:156 Resp: 46398

Ion Ratio Lower Upper

156 100

77 199.1 101.3 303.7

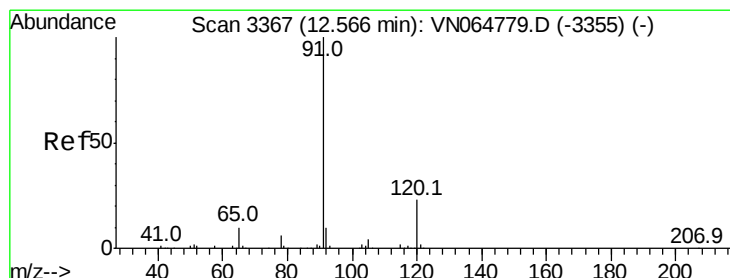
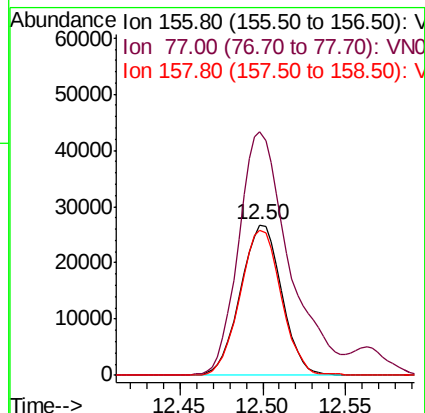
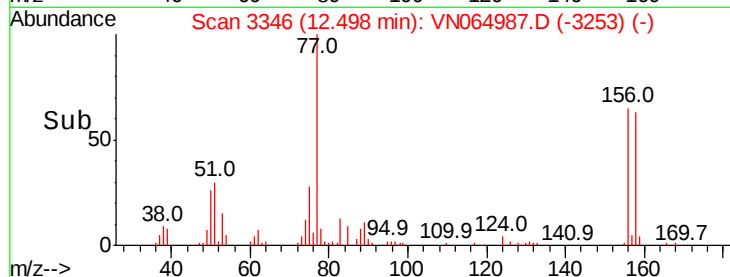
158 96.5 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.078 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064987.D

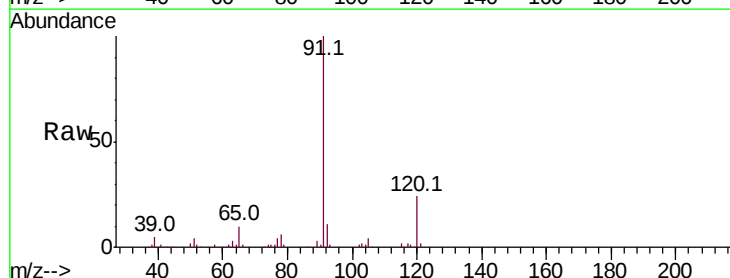
Acq: 8 Dec 2020 23:26

Tgt Ion: 91 Resp: 189764

Ion Ratio Lower Upper

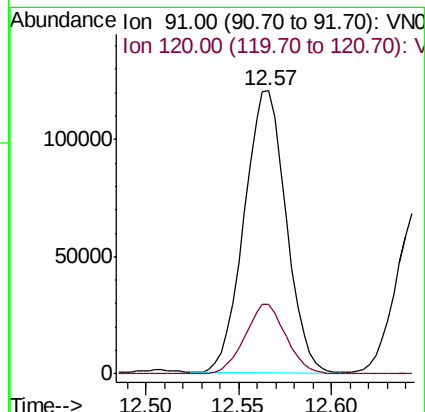
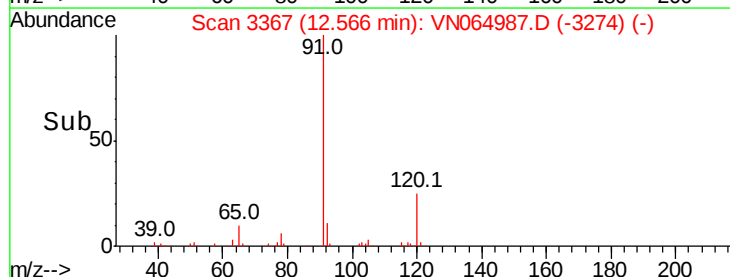
91 100

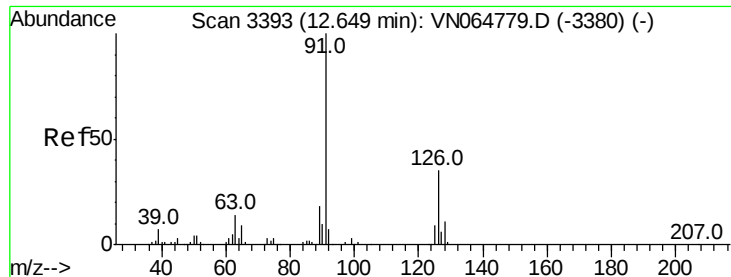
120 24.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

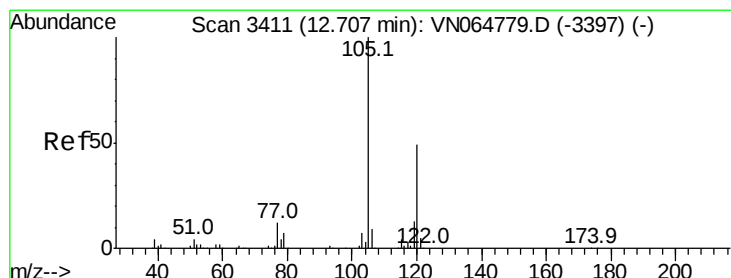
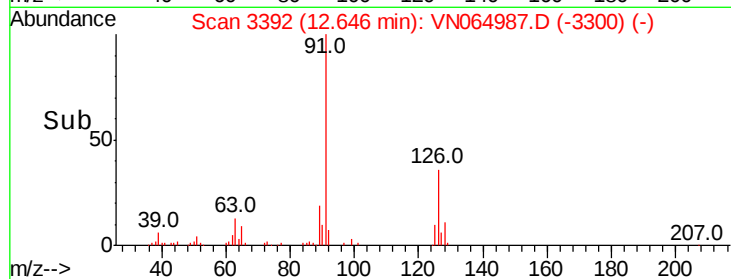
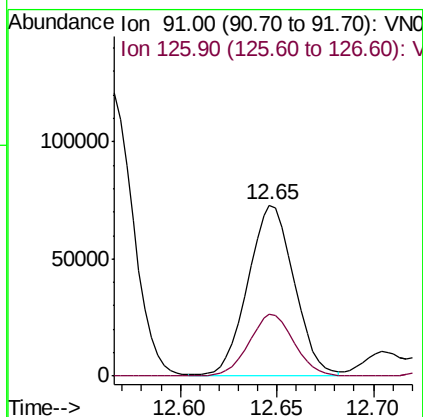
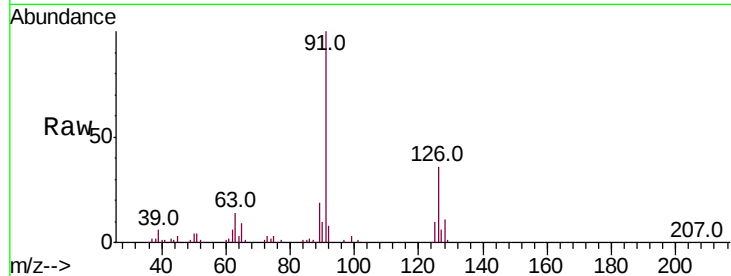




#79
2-Chlorotoluene
Concen: 18.506 ug/l
RT: 12.65 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

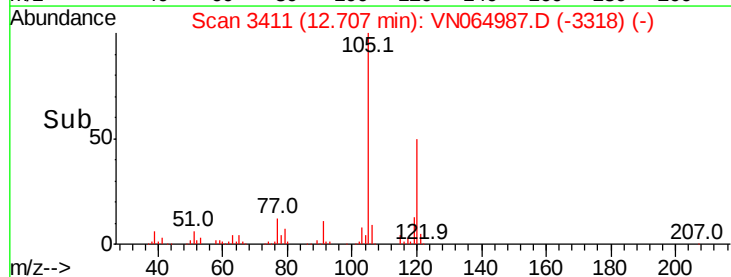
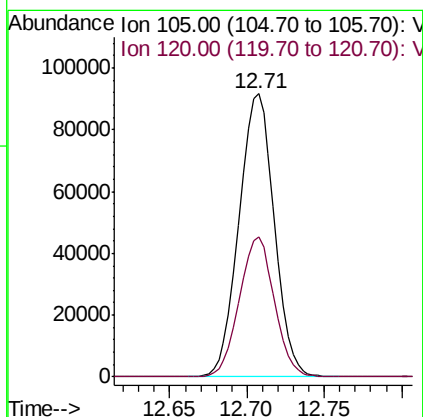
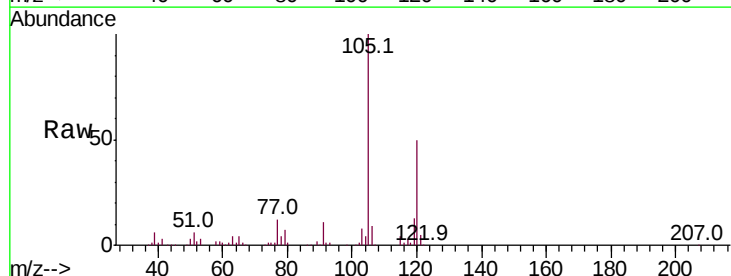
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

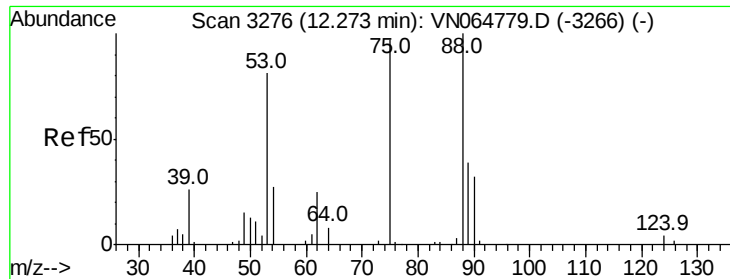
Tot Ion: 91 Resp: 120078
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 18.987 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 105 Resp: 145415
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.998 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampled :

VN1208WBS02

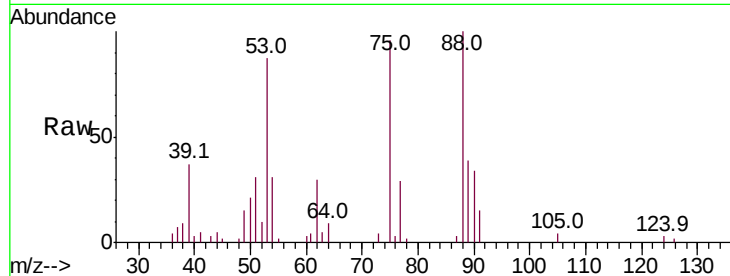
Tot Ion: 75 Resp: 17693

Ion Ratio Lower Upper

75 100

53 86.6 67.0 100.4

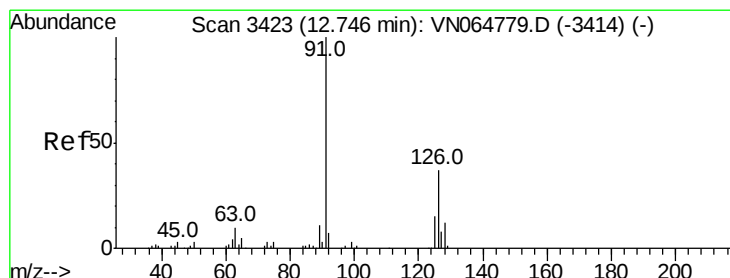
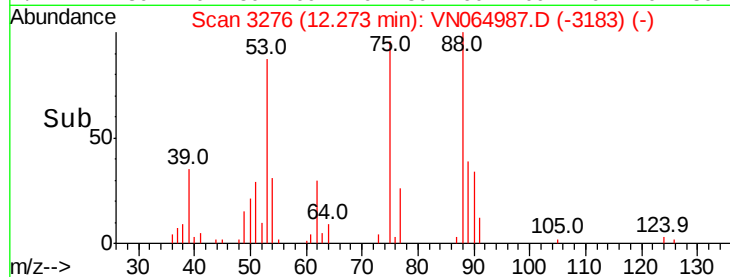
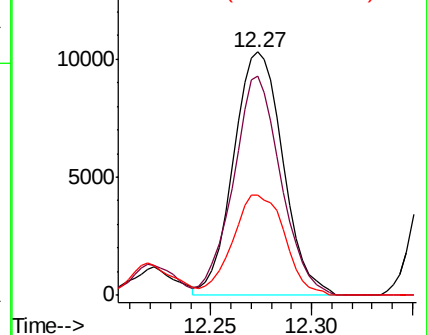
89 43.3 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.483 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064987.D

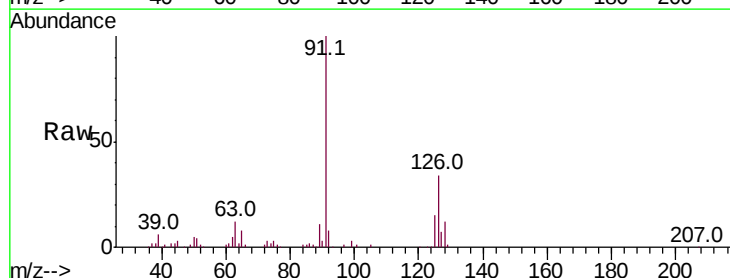
Acq: 8 Dec 2020 23:26

Tgt Ion: 91 Resp: 125707

Ion Ratio Lower Upper

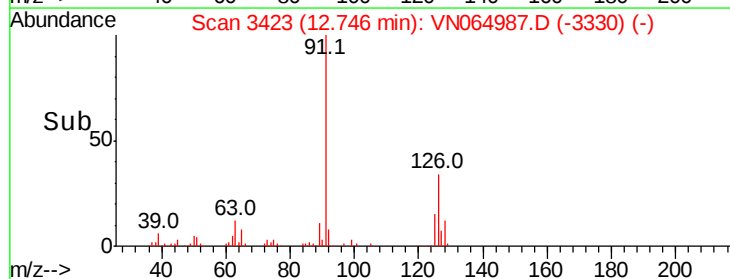
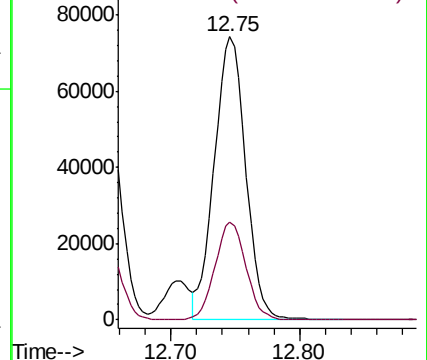
91 100

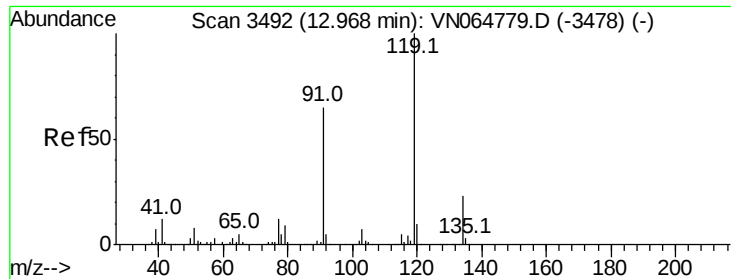
126 33.9 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

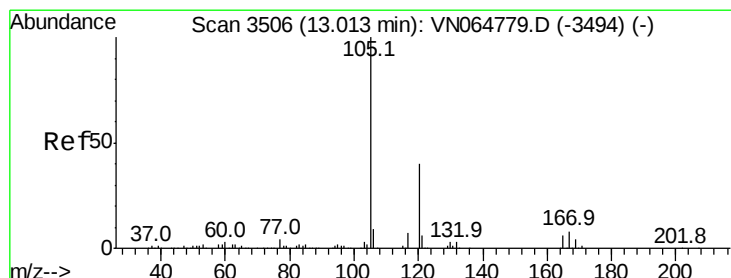
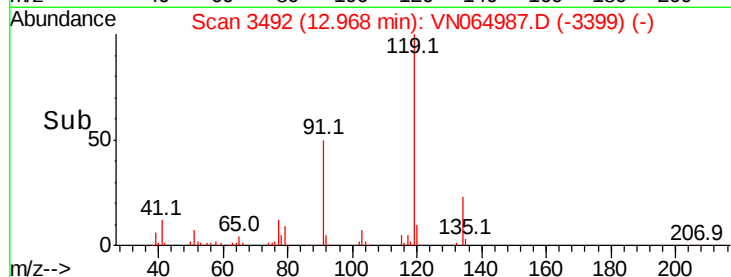
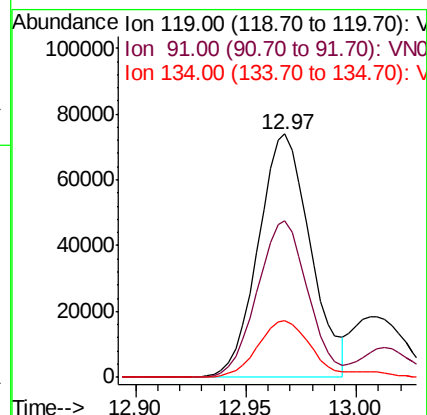
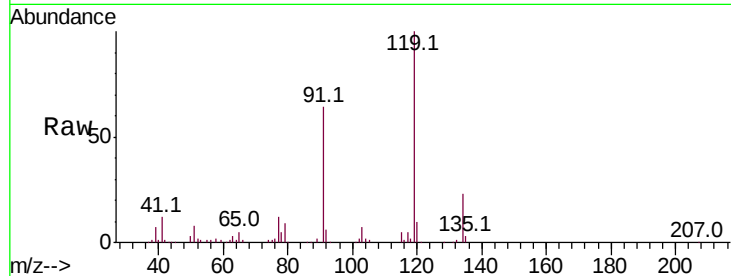




#83
tert-Butylbenzene
Concen: 18.920 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

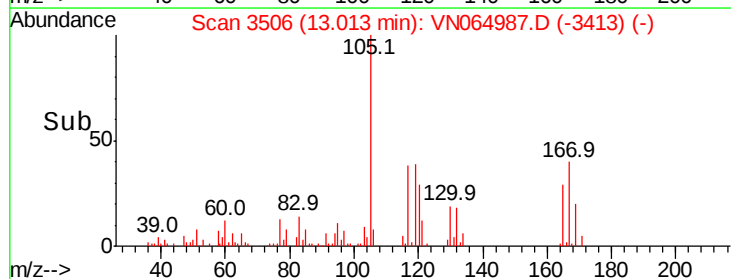
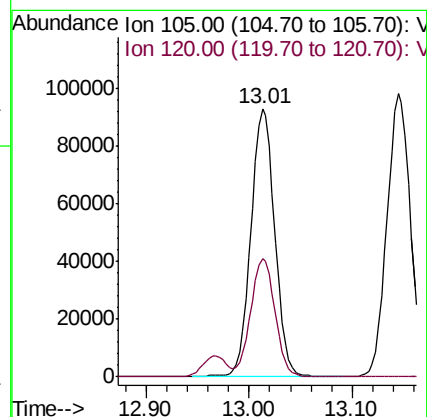
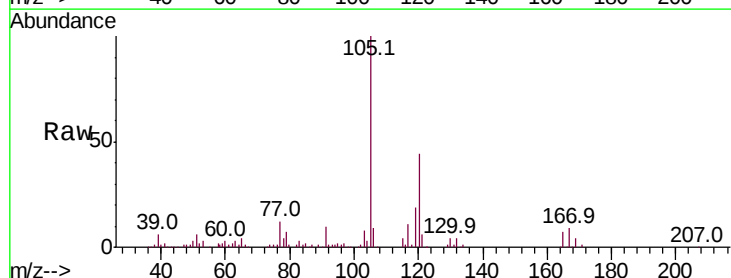
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

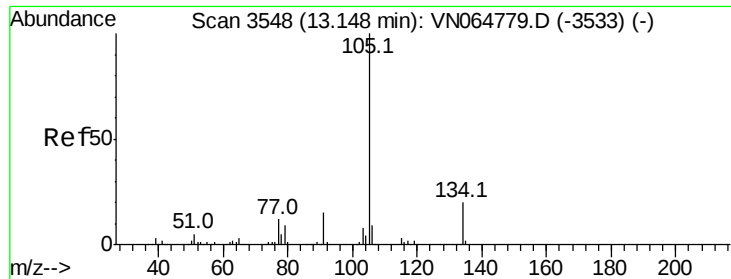
Tot Ion:119 Resp: 121460
Ion Ratio Lower Upper
119 100
91 62.4 32.3 96.8
134 25.2 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 19.250 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion:105 Resp: 149067
Ion Ratio Lower Upper
105 100
120 45.0 23.1 69.2

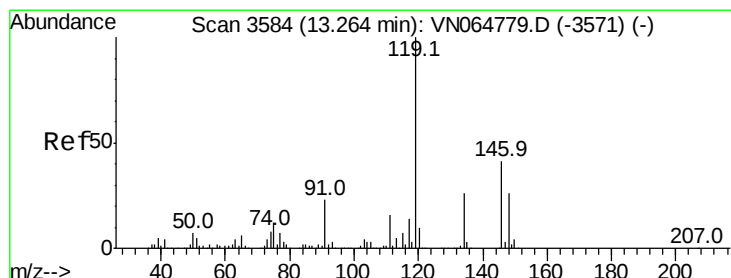
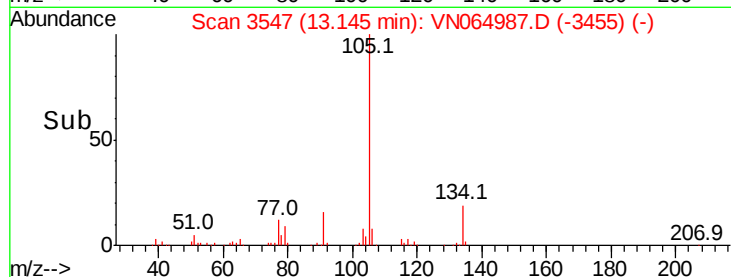
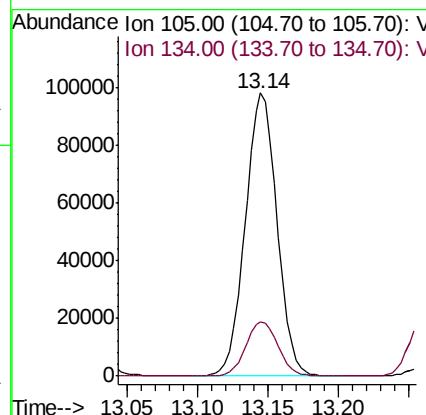
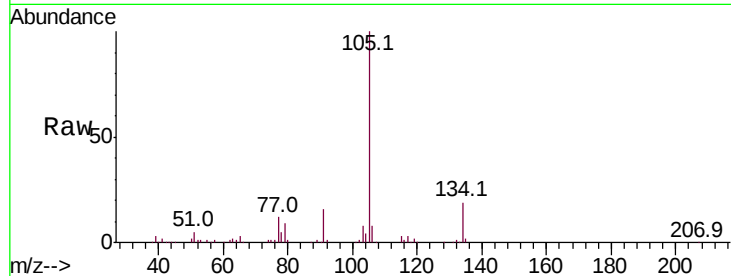




#85
 sec-Butylbenzene
 Concen: 18.107 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

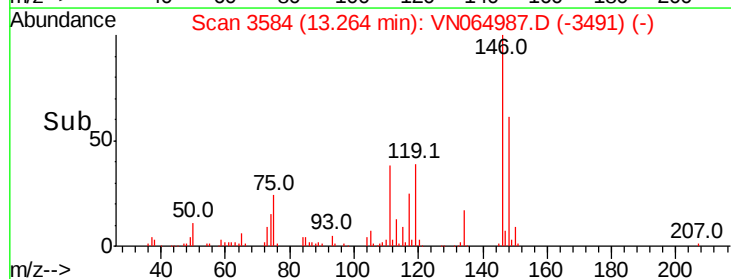
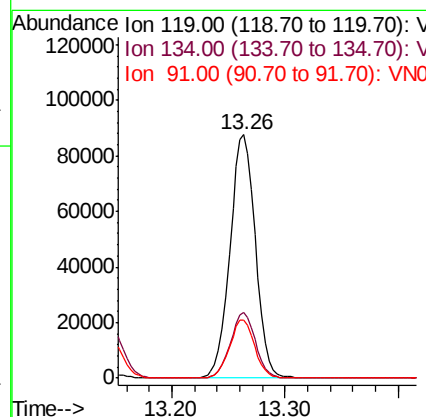
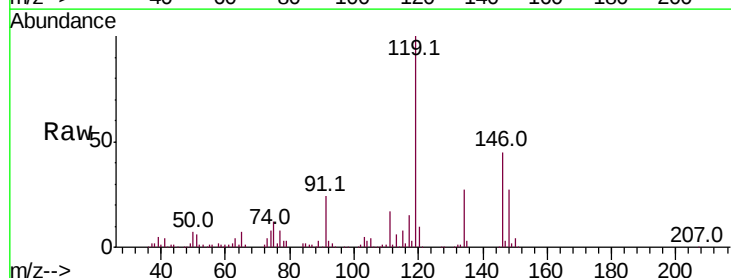
Instrument :
 MSVOA_N
 ClientSampled :
 VN1208WBS02

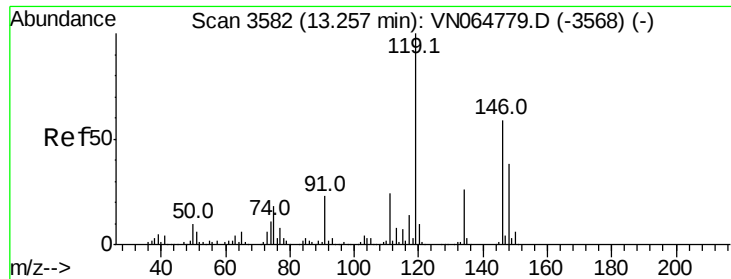
Tot Ion:105 Resp: 154335
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 17.629 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion:119 Resp: 136803
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 23.7 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 18.591 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

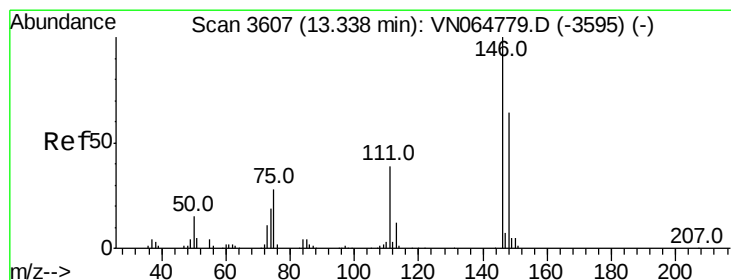
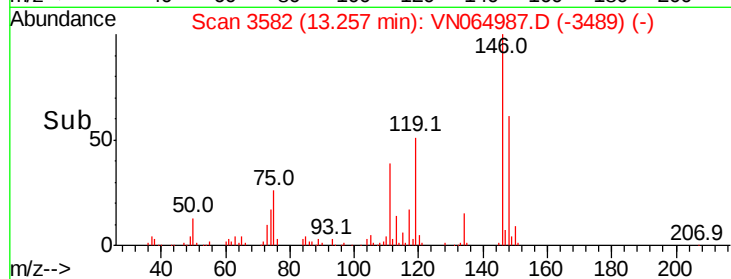
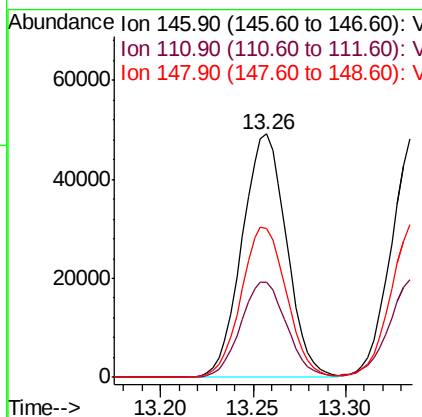
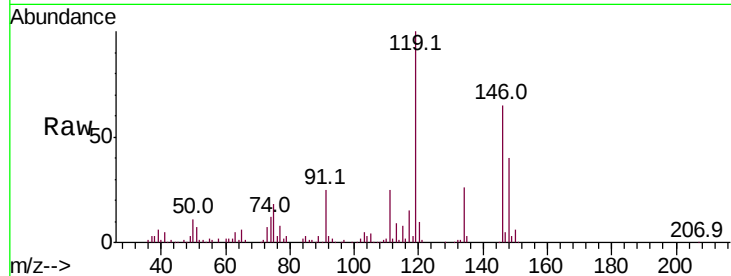
Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion:146 Resp: 82050

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.6	61.9
148	63.0	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 17.244 ug/l

RT: 13.34 min Scan# 3607

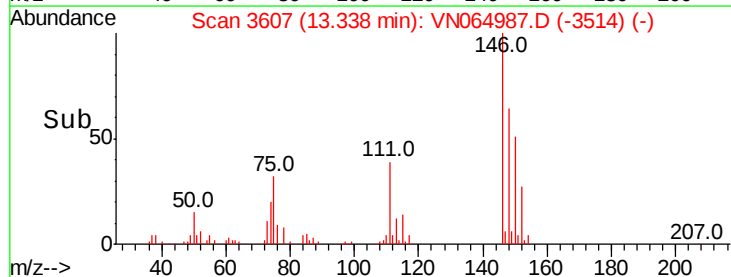
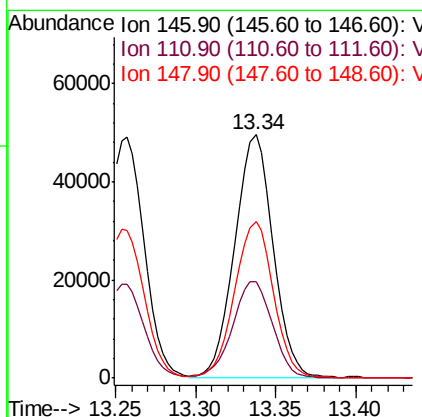
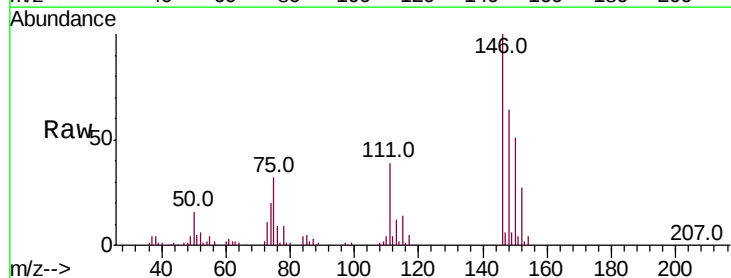
Delta R.T. -0.00 min

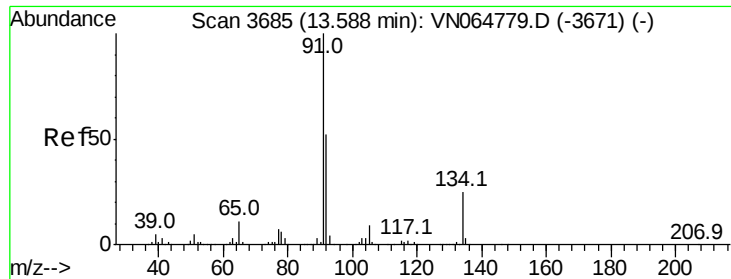
Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Tgt Ion:146 Resp: 80488

Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.8	59.3
148	65.8	31.9	95.5

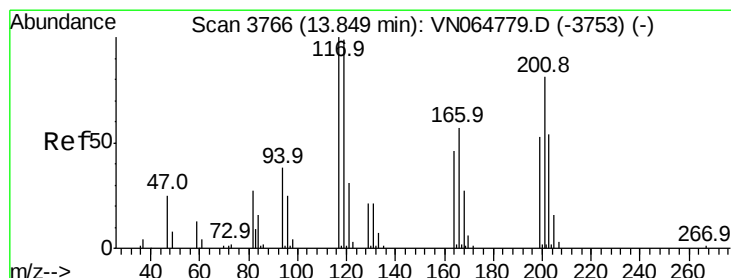
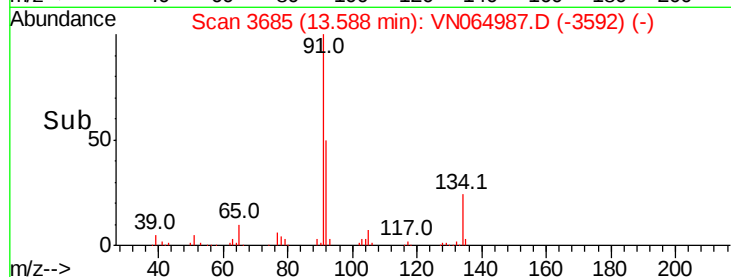
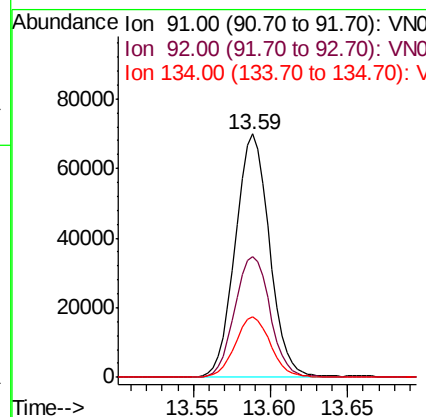
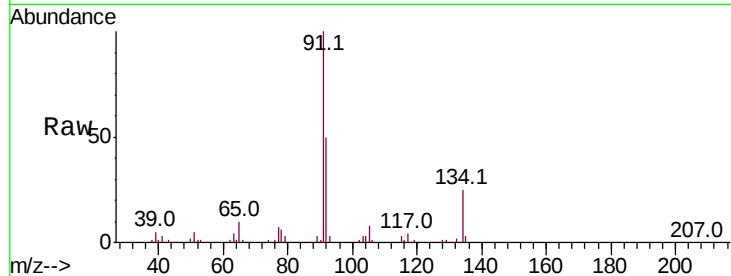




#89
n-Butylbenzene
Concen: 15.777 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

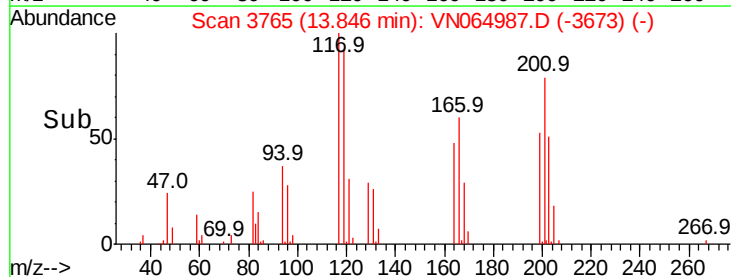
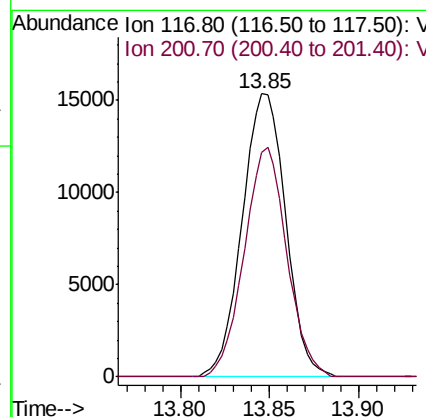
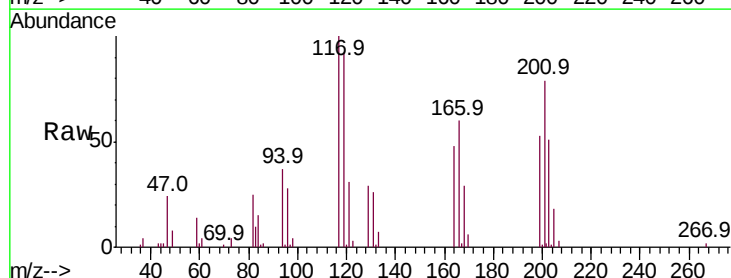
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

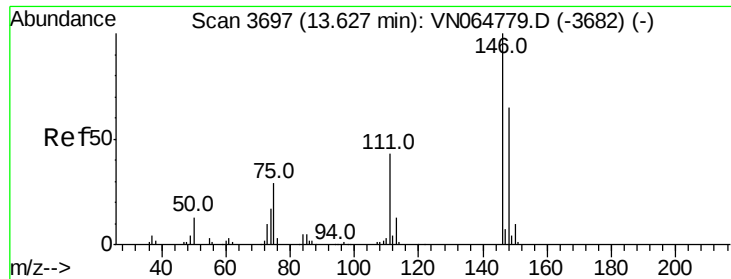
Tot Ion: 91 Resp: 107518
Ion Ratio Lower Upper
91 100
92 51.3 26.0 78.0
134 25.6 12.9 38.6



#90
Hexachloroethane
Concen: 19.357 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 117 Resp: 26095
Ion Ratio Lower Upper
117 100
201 79.3 40.1 120.3





#91

1,2-Dichlorobenzene

Concen: 18.449 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

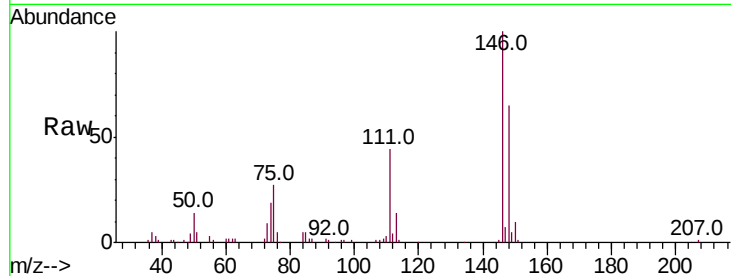
Tot Ion:146 Resp: 79950

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.1

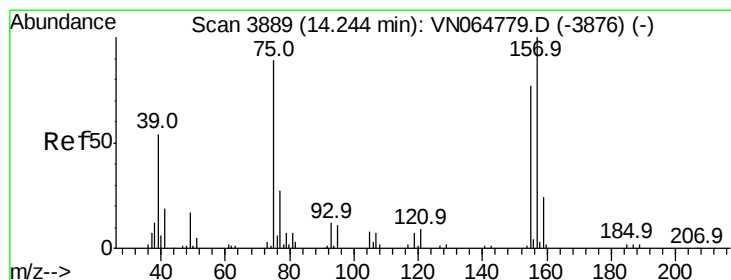
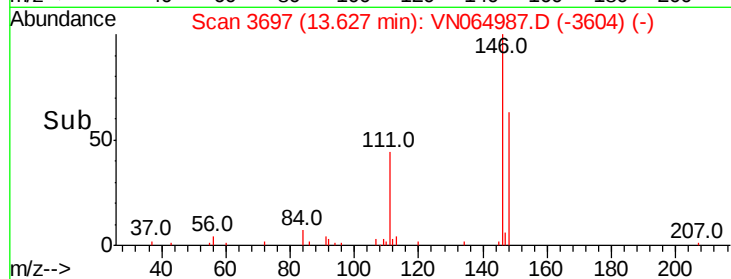
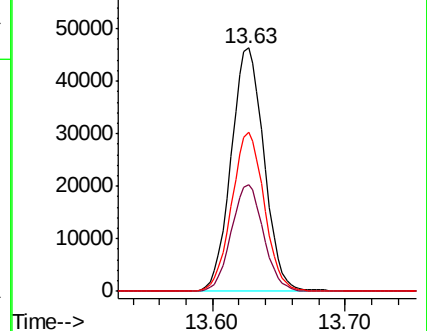
148 64.8 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.030 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

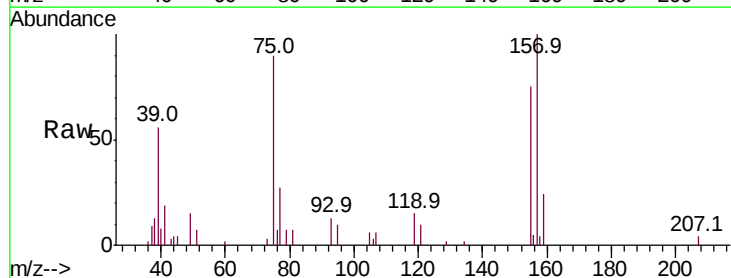
Tgt Ion: 75 Resp: 10349

Ion Ratio Lower Upper

75 100

155 84.2 42.8 128.3

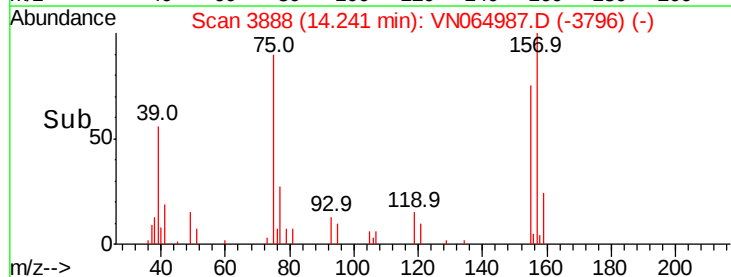
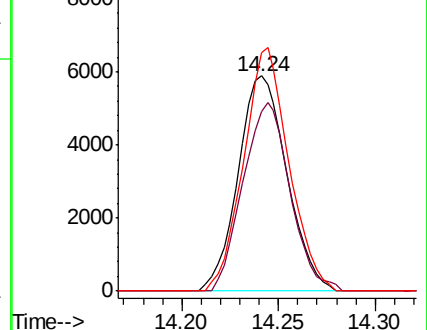
157 104.8 56.4 169.1

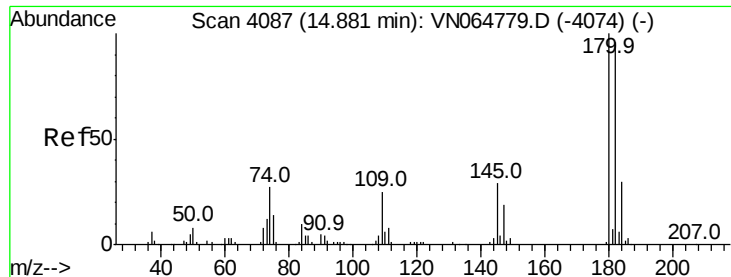


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

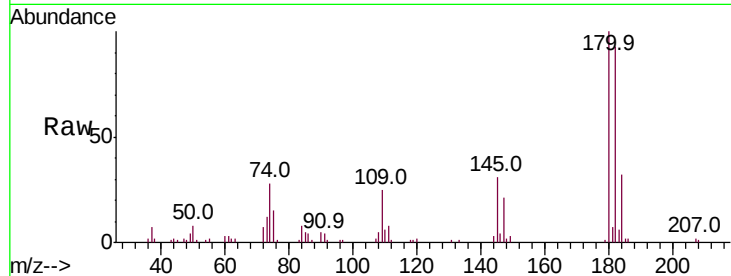




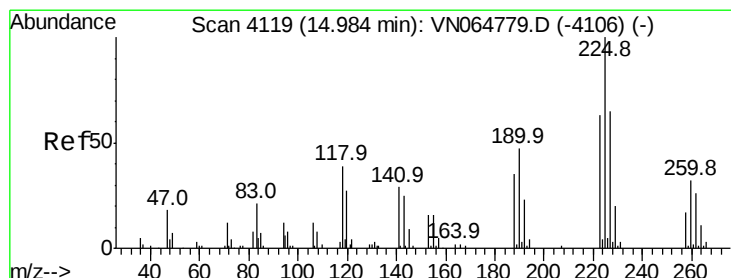
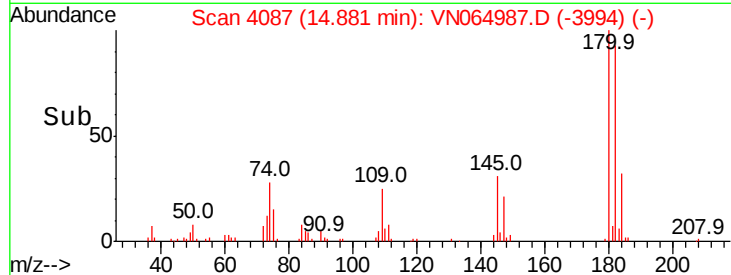
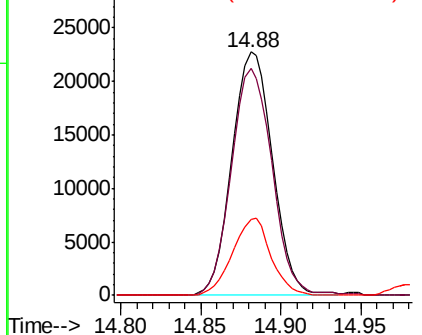
#93
 1,2,4-Trichlorobenzene
 Concen: 14.720 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Tot Ion:180 Resp: 39461
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.6 142.9
 145 29.7 15.3 45.8

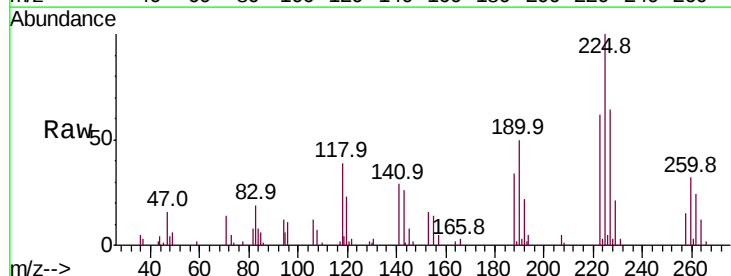


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

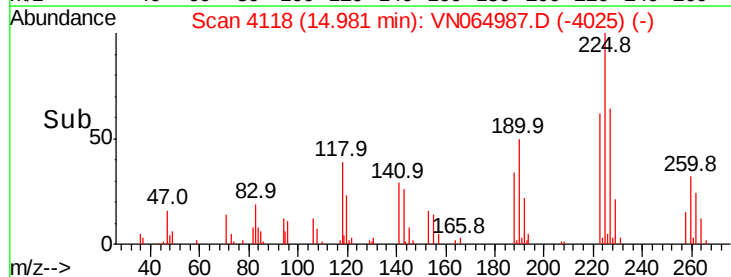
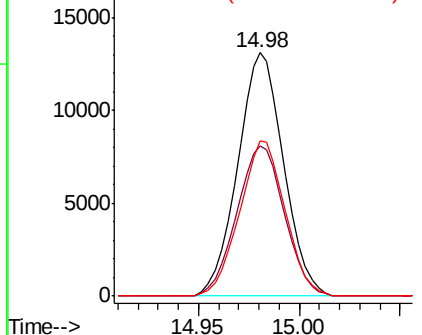


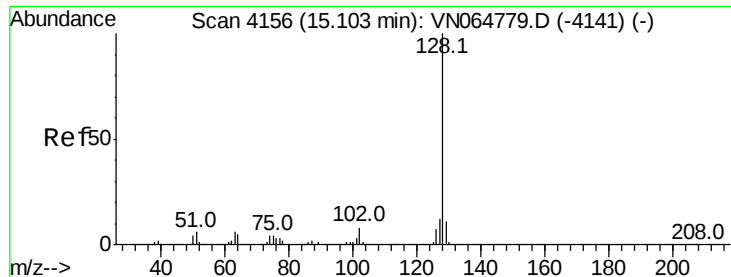
#94
 Hexachlorobutadiene
 Concen: 17.500 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion:225 Resp: 20831
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.0 93.0
 227 63.4 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

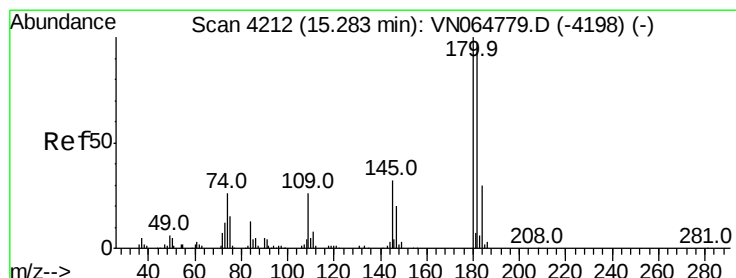
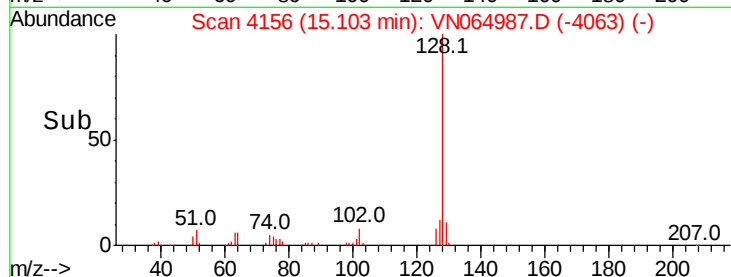
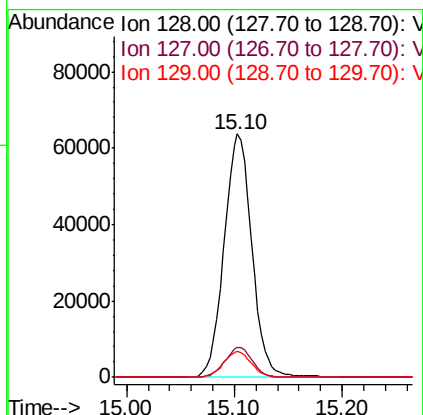
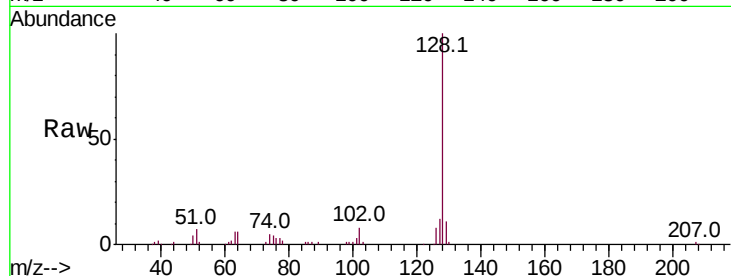




#95
Naphthalene
Concen: 14.249 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion:128 Resp: 114437
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 15.610 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion:180 Resp: 37258
Ion Ratio Lower Upper
180 100
182 95.2 48.1 144.4
145 31.2 16.4 49.1

