

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064988.D
 Acq On : 8 Dec 2020 23:50
 Operator : JC/MD
 Sample : VN1208WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Quant Time: Dec 09 07:57:57 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	191301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	313477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	277002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130338	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	110807	49.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.64%
35) Dibromofluoromethane	7.55	113	96183	51.28	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.56%
50) Toluene-d8	10.06	98	364674	47.58	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.16%
62) 4-Bromofluorobenzene	12.38	95	125698	45.83	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.66%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	24873	15.002	ug/l	99
3) Chloromethane	2.04	50	34976	16.234	ug/l	100
4) Vinyl Chloride	2.17	62	37264	16.589	ug/l	97
5) Bromomethane	2.53	94	25410	17.242	ug/l	100
6) Chloroethane	2.68	64	24385	17.552	ug/l	100
7) Trichlorofluoromethane	2.99	101	54793	17.647	ug/l	99
8) Diethyl Ether	3.38	74	22860	18.652	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	33143	17.793	ug/l	98
10) Methyl Iodide	3.90	142	39965	16.542	ug/l	99
11) Tert butyl alcohol	4.75	59	28405	81.897	ug/l #	93
12) 1,1-Dichloroethene	3.69	96	33788	18.214	ug/l	99
13) Acrolein	3.57	56	15631	73.782	ug/l	94
14) Allyl chloride	4.28	41	52487	17.155	ug/l	99
15) Acrylonitrile	4.93	53	84972	88.683	ug/l	100
16) Acetone	3.78	43	69296	94.784	ug/l	100
17) Carbon Disulfide	4.01	76	77986	16.286	ug/l	100
18) Methyl Acetate	4.29	43	42241	19.217	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	108555	18.246	ug/l	100
20) Methylene Chloride	4.51	84	41297	18.026	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	35537	17.251	ug/l	94
22) Diisopropyl ether	5.91	45	117338	19.160	ug/l	97
23) Vinyl Acetate	5.85	43	447649	91.408	ug/l	100
24) 1,1-Dichloroethane	5.80	63	69861	19.088	ug/l	98
25) 2-Butanone	6.79	43	105343	88.887	ug/l	99
26) 2,2-Dichloropropane	6.78	77	52966	16.686	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	43211	18.641	ug/l	96
28) Bromochloromethane	7.15	49	31387	18.746	ug/l	93
29) Tetrahydrofuran	7.17	42	68905	84.227	ug/l	98
30) Chloroform	7.32	83	71845	19.035	ug/l	96
31) Cyclohexane	7.61	56	50290	16.224	ug/l #	96
32) 1,1,1-Trichloroethane	7.53	97	60836	18.767	ug/l	100
36) 1,1-Dichloropropene	7.75	75	50558	17.400	ug/l	99
37) Ethyl Acetate	6.89	43	41776	14.926	ug/l	99
38) Carbon Tetrachloride	7.73	117	52448	17.348	ug/l	94

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	46067	14.728	ug/l	95
40) Benzene	8.00	78	155798	17.498	ug/l	98
41) Methacrylonitrile	7.13	41	21721	16.819	ug/l	89
42) 1,2-Dichloroethane	8.09	62	54239	18.058	ug/l	99
43) Isopropyl Acetate	8.13	43	78357	17.398	ug/l	96
44) Trichloroethene	8.80	130	43408	16.523	ug/l	96
45) 1,2-Dichloropropane	9.08	63	42623	18.485	ug/l	99
46) Dibromomethane	9.17	93	28091	18.236	ug/l	99
47) Bromodichloromethane	9.37	83	56575	18.253	ug/l	98
48) Methyl methacrylate	9.16	41	35653	16.567	ug/l	98
49) 1,4-Dioxane	9.17	88	13109	322.292	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	230965	85.422	ug/l	99
52) Toluene	10.12	92	97760	17.829	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	57483	16.651	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	65977	17.830	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	42363	18.788	ug/l	95
56) Ethyl methacrylate	10.40	69	51770	16.638	ug/l	97
57) 1,3-Dichloropropane	10.68	76	66740	17.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	140020	81.808	ug/l	99
59) 2-Hexanone	10.72	43	162723	83.624	ug/l	99
60) Dibromochloromethane	10.87	129	45691	18.230	ug/l	97
61) 1,2-Dibromoethane	10.98	107	40932	17.868	ug/l	99
64) Tetrachloroethene	10.60	164	44829	16.634	ug/l	98
65) Chlorobenzene	11.41	112	109457	18.401	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	42014	19.219	ug/l	99
67) Ethyl Benzene	11.48	91	176520	17.763	ug/l	100
68) m/p-Xylenes	11.59	106	141154	37.517	ug/l	97
69) o-Xylene	11.92	106	65619	18.379	ug/l	99
70) Styrene	11.94	104	112355	18.641	ug/l	99
71) Bromoform	12.10	173	31951	18.299	ug/l #	98
73) Isopropylbenzene	12.22	105	172926	19.074	ug/l	99
74) N-amyl acetate	12.04	43	61665	17.284	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	53367	20.084	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	70141	24.988	ug/l #	100
77) Bromobenzene	12.50	156	46066	18.847	ug/l	100
78) n-propylbenzene	12.56	91	192367	18.626	ug/l	99
79) 2-Chlorotoluene	12.65	91	120444	18.866	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	146770	19.477	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	16696	16.302	ug/l	97
82) 4-Chlorotoluene	12.75	91	124098	18.545	ug/l	99
83) tert-Butylbenzene	12.97	119	121707	19.269	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	145854	19.144	ug/l	99
85) sec-Butylbenzene	13.14	105	153281	18.278	ug/l	99
86) p-Isopropyltoluene	13.26	119	138525	18.143	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	80916	18.634	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80335	17.493	ug/l	97
89) n-Butylbenzene	13.59	91	106694	15.912	ug/l	99
90) Hexachloroethane	13.85	117	25392	19.144	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	80254	18.822	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9838	16.454	ug/l	96

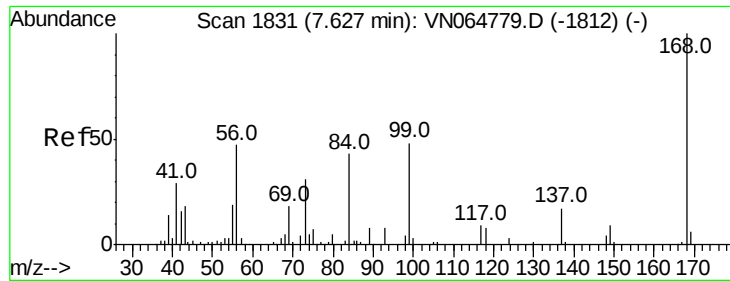
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
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QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	38445	14.576	ug/l	99
94) Hexachlorobutadiene	14.98	225	21531	18.365	ug/l	97
95) Naphthalene	15.10	128	111594	14.122	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	37755	16.035	ug/l	100

(#) = 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: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

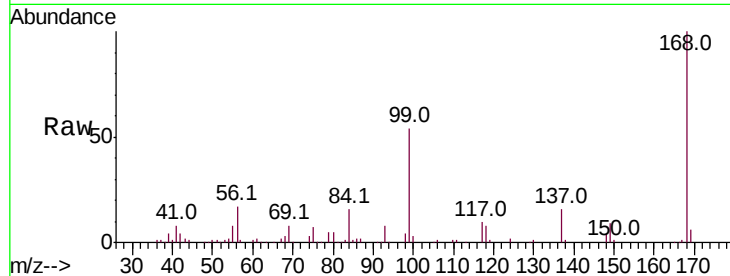
VN1208WBSD02

Tot Ion:168 Resp: 191301

Ion Ratio Lower Upper

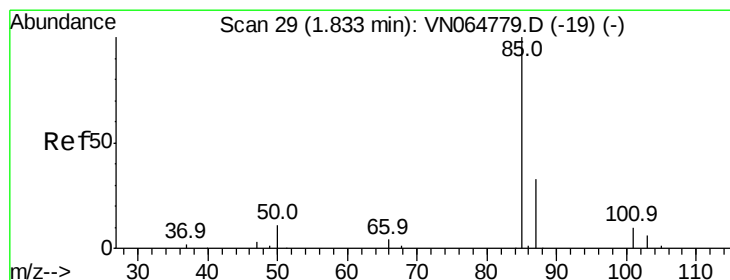
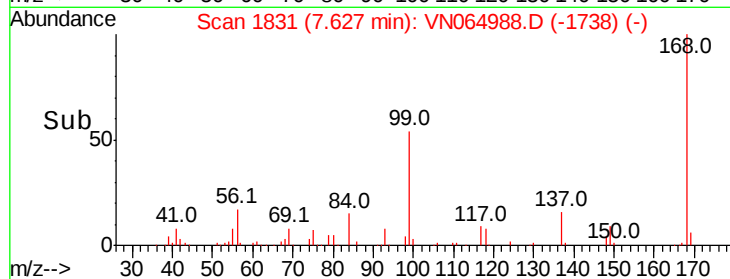
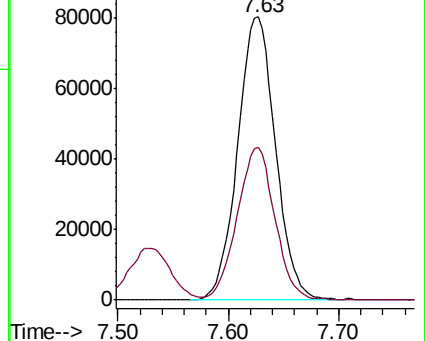
168 100

99 53.9 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: 15.002 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064988.D

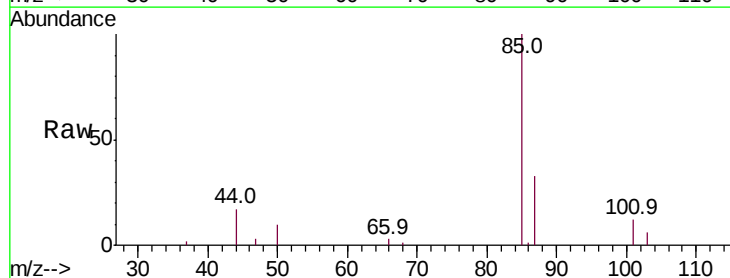
Acq: 8 Dec 2020 23:50

Tgt Ion: 85 Resp: 24873

Ion Ratio Lower Upper

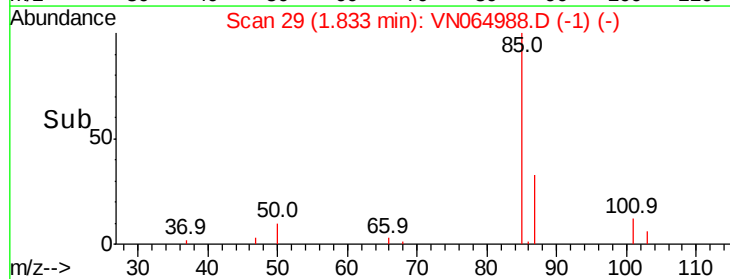
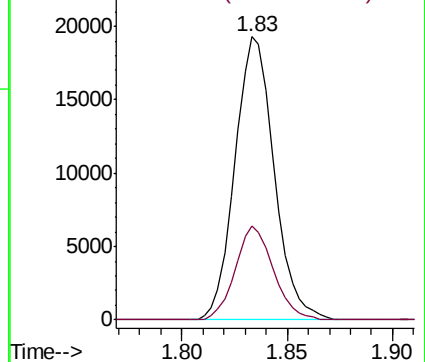
85 100

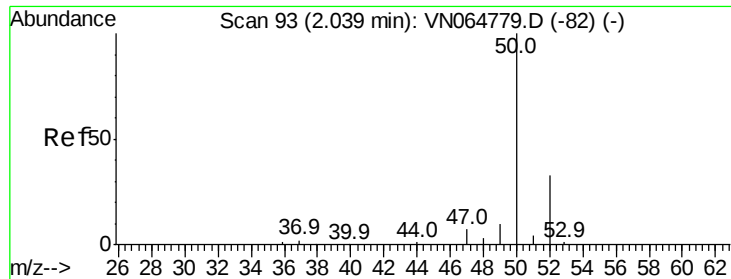
87 33.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

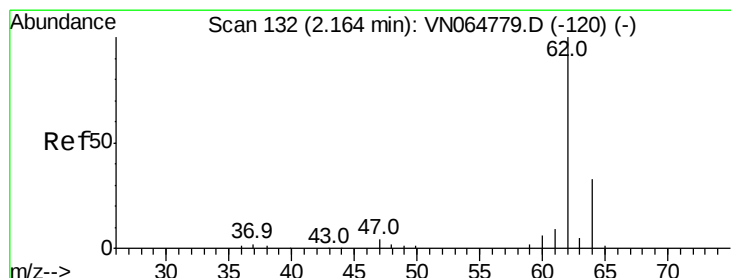
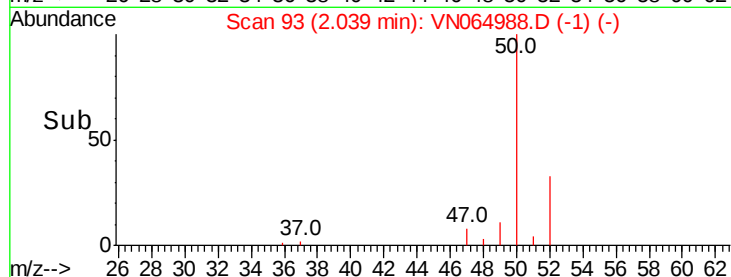
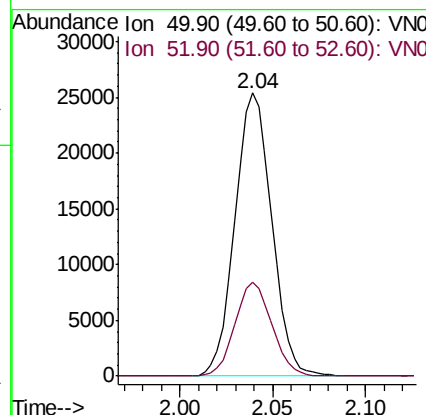
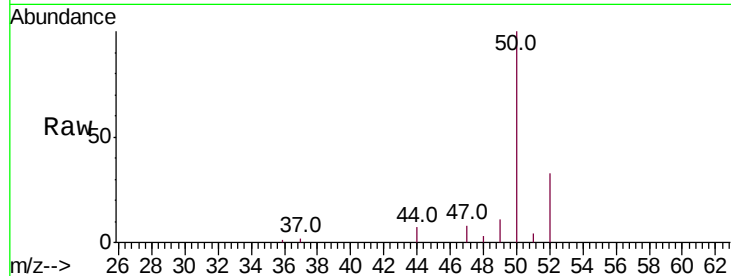




#3
Chloromethane
Concen: 16.234 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

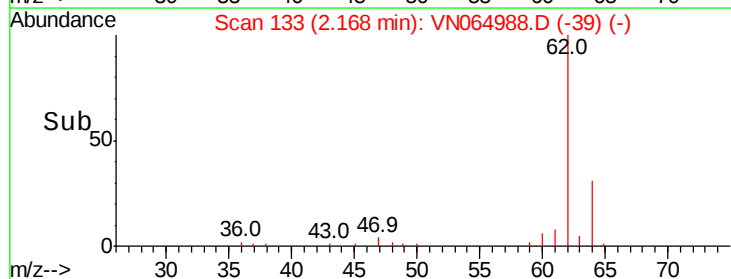
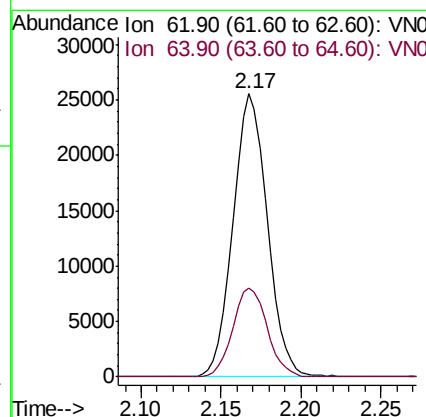
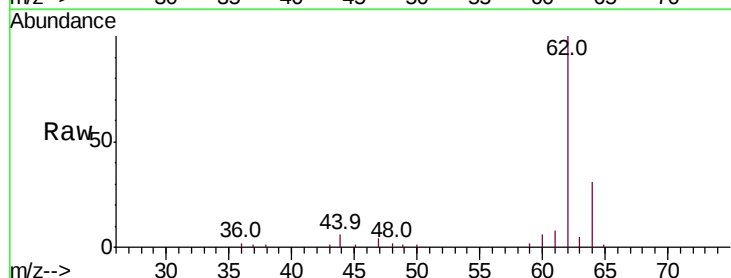
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

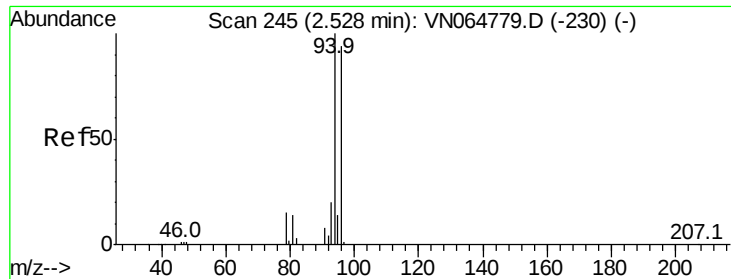
Tot Ion: 50 Resp: 34976
Ion Ratio Lower Upper
50 100
52 33.0 26.6 39.8



#4
Vinyl Chloride
Concen: 16.589 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 62 Resp: 37264
Ion Ratio Lower Upper
62 100
64 31.3 26.5 39.7





#5

Bromomethane

Concen: 17.242 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

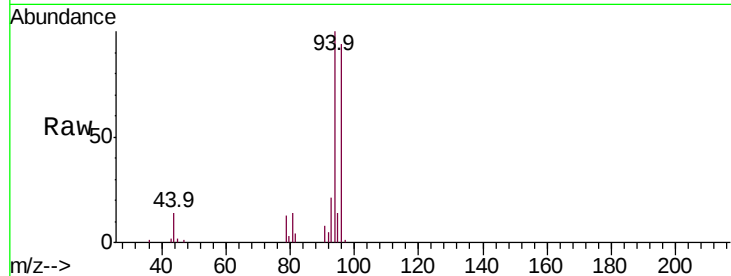
VN1208WBSD02

Tot Ion: 94 Resp: 25410

Ion Ratio Lower Upper

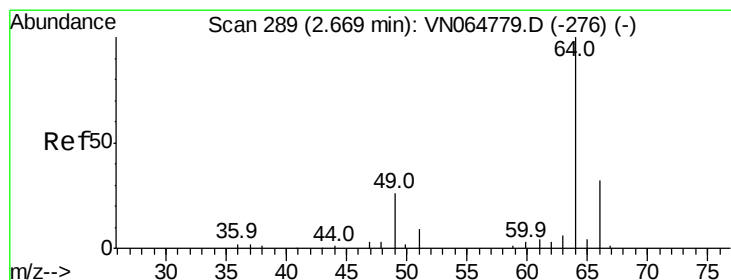
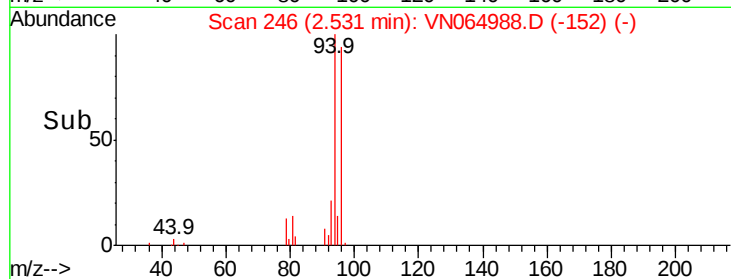
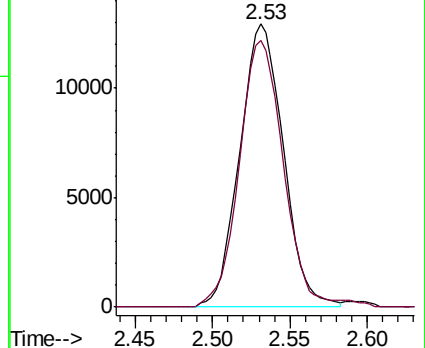
94 100

96 94.4 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN064779.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN064779.D (-230) (-)



#6

Chloroethane

Concen: 17.552 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064988.D

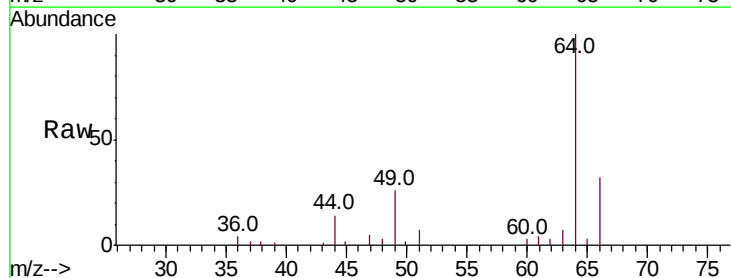
Acq: 8 Dec 2020 23:50

Tgt Ion: 64 Resp: 24385

Ion Ratio Lower Upper

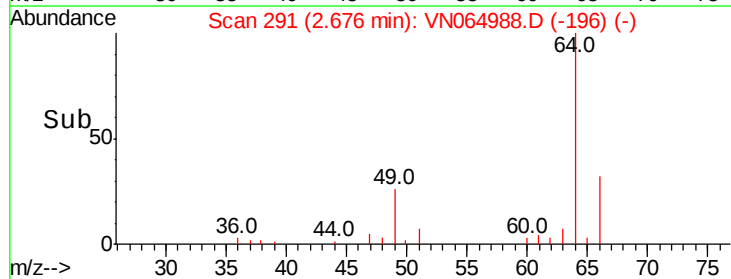
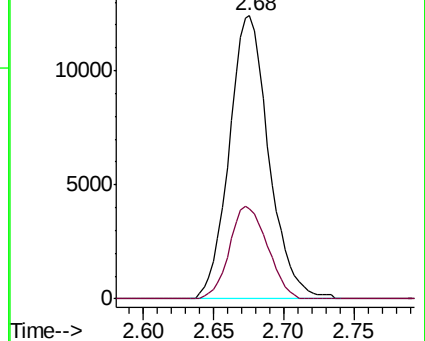
64 100

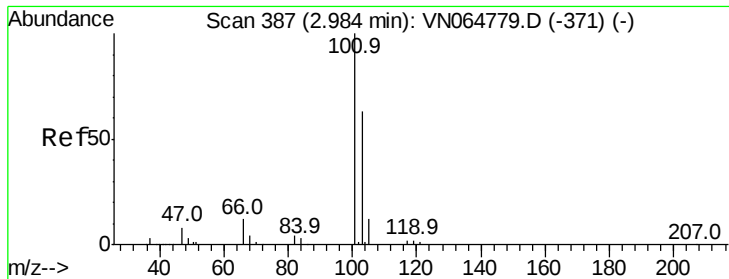
66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN064779.D (-276) (-)

Ion 65.90 (65.60 to 66.60): VN064779.D (-276) (-)



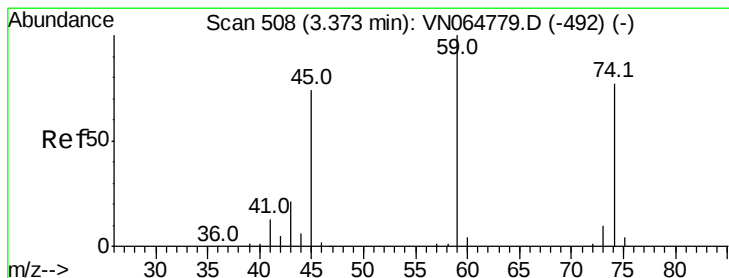
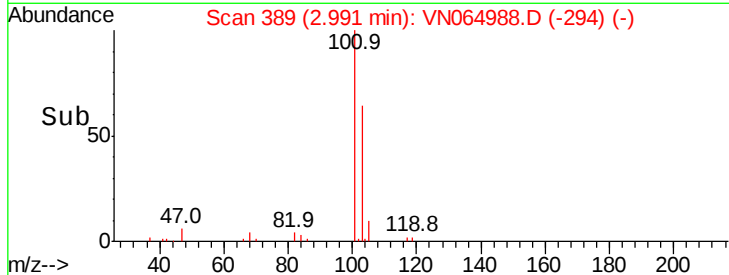
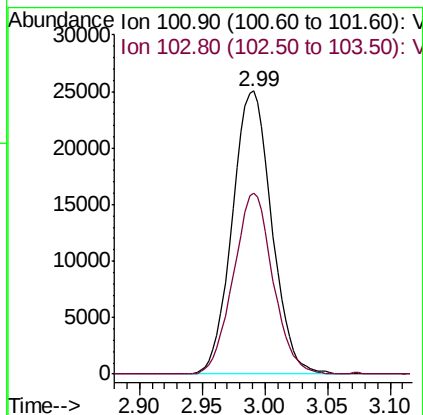
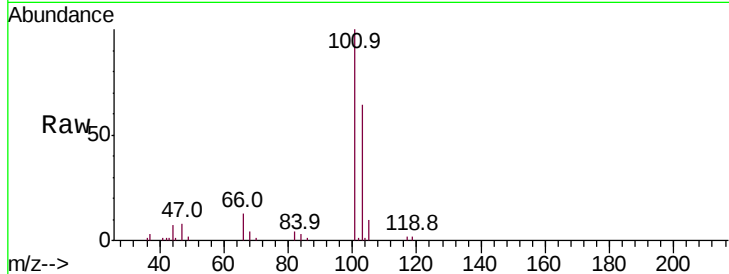


#7

Trichlorofluoromethane
 Concen: 17.647 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Instrument :
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 ClientSampleId :
 VN1208WBSD02

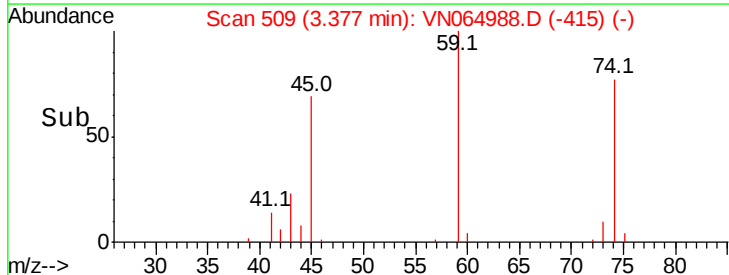
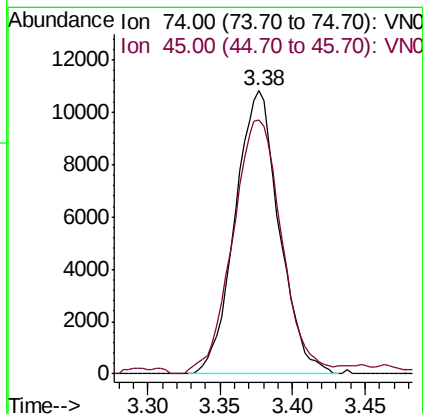
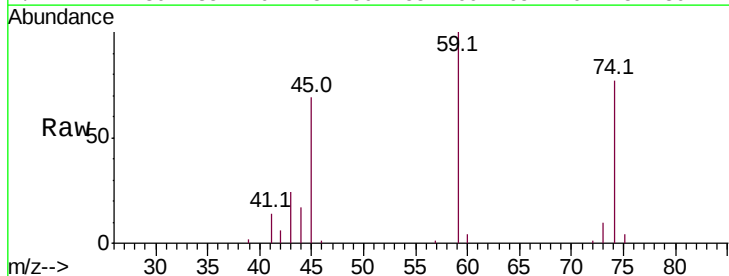
Tot Ion:101 Resp: 54793
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.5 75.7

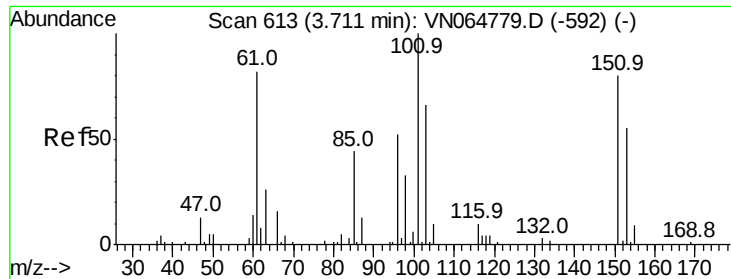


#8

Diethyl Ether
 Concen: 18.652 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion: 74 Resp: 22860
 Ion Ratio Lower Upper
 74 100
 45 99.6 48.9 146.8

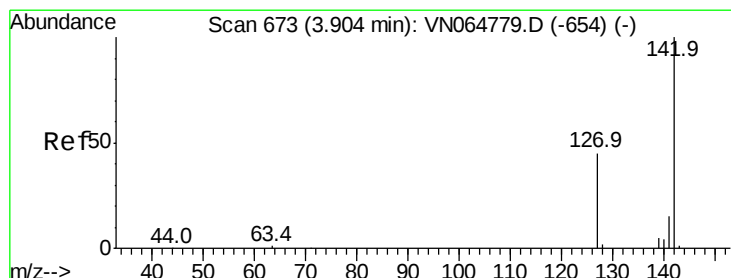
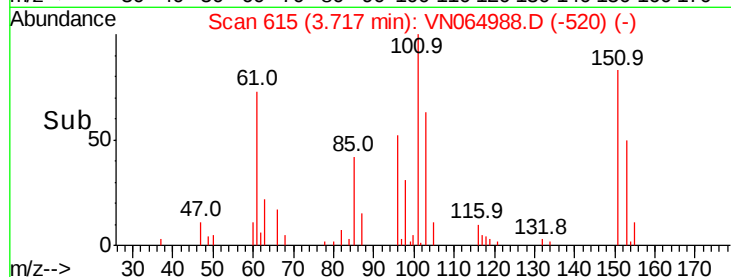
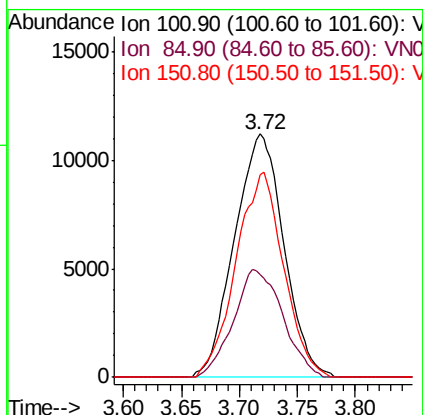
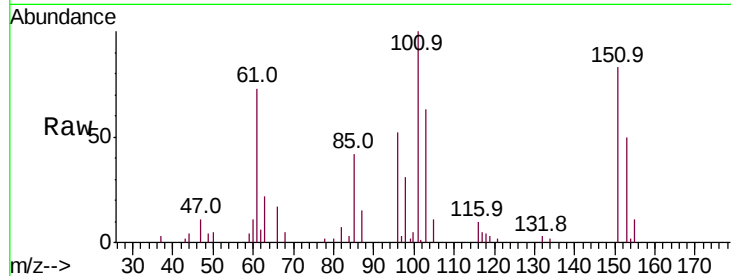




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.793 ug/l
 RT: 3.72 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

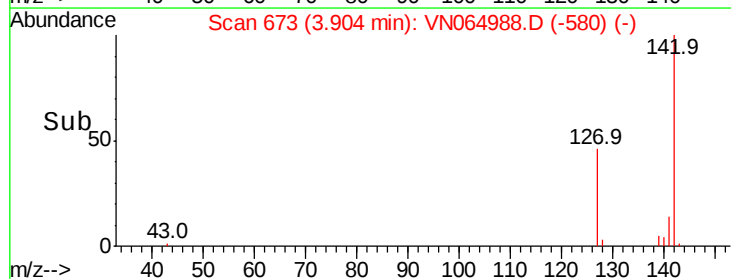
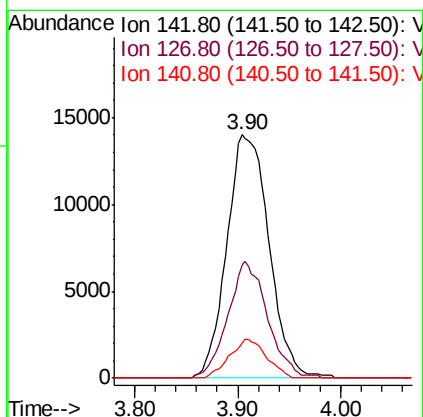
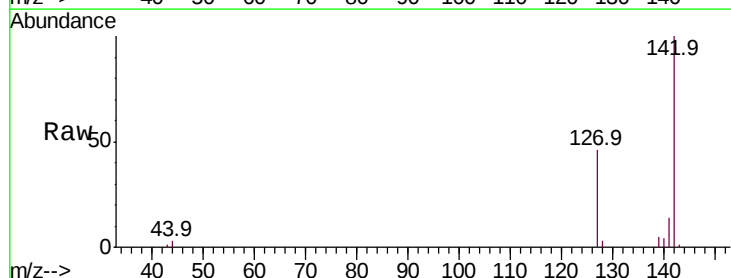
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

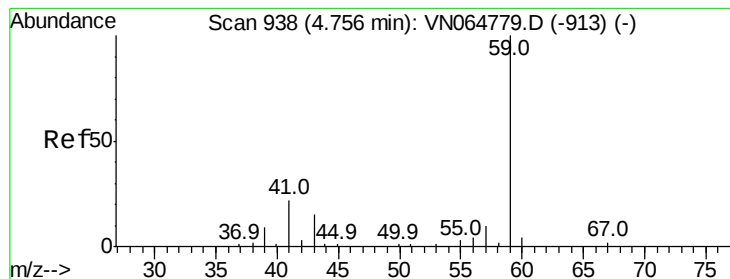
Tot Ion	Ratio	Lower	Upper
101	100		
85	44.2	34.4	51.6
151	81.2	64.0	96.0



#10
 Methyl Iodide
 Concen: 16.542 ug/l
 RT: 3.90 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.6	35.0	52.6
141	13.9	11.8	17.6





#11

Tert butyl alcohol

Concen: 81.897 ug/l

RT: 4.75 min Scan# 936

Delta R.T. -0.01 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

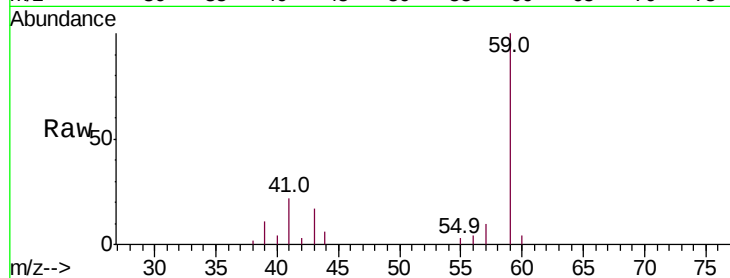
VN1208WBSD02

Tot Ion: 59 Resp: 28405

Ion Ratio Lower Upper

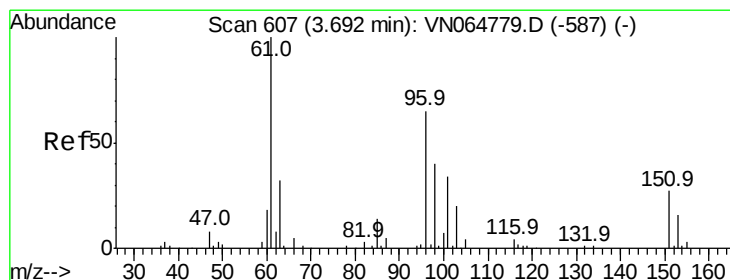
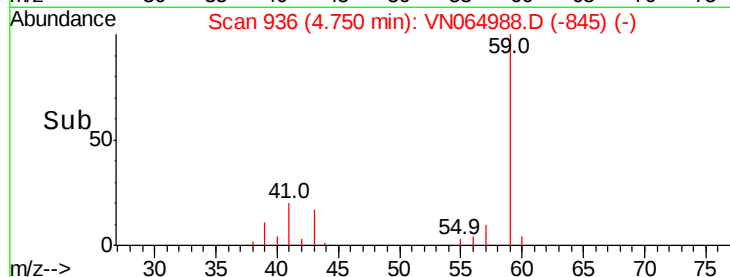
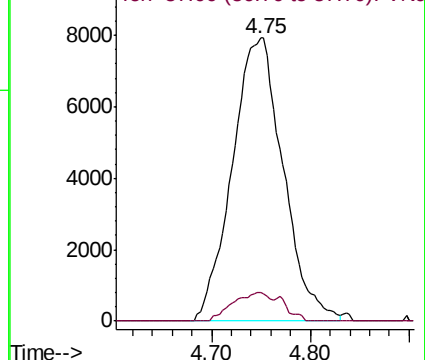
59 100

57 7.5 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: 18.214 ug/l

RT: 3.69 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

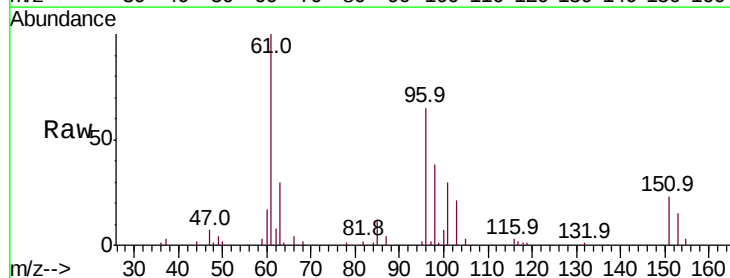
Tgt Ion: 96 Resp: 33788

Ion Ratio Lower Upper

96 100

61 154.7 123.4 185.2

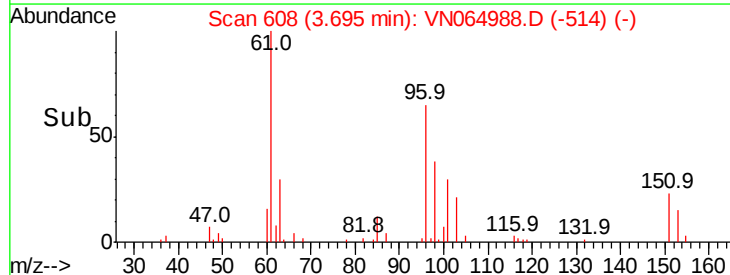
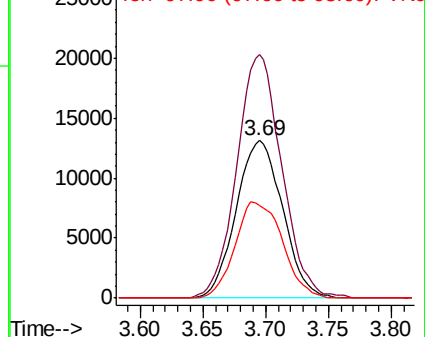
98 58.9 49.8 74.8

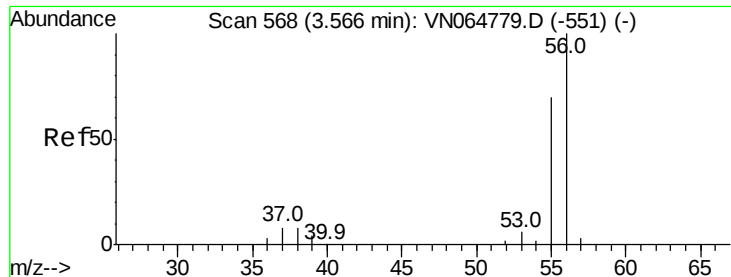


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 73.782 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

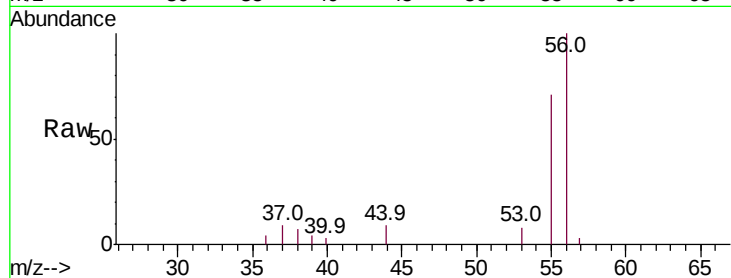
VN1208WBSD02

Tot Ion: 56 Resp: 15631

Ion Ratio Lower Upper

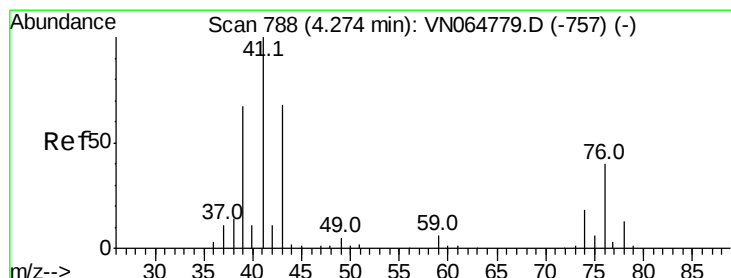
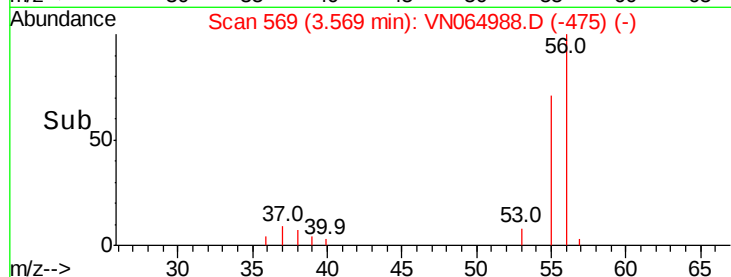
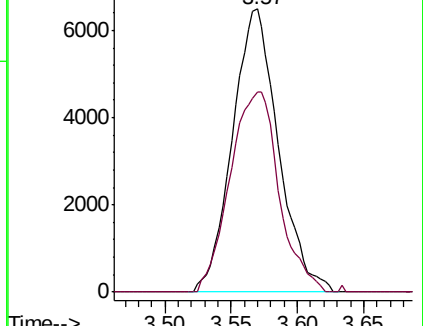
56 100

55 75.2 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN064988.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN064988.D (-551) (-)



#14

Allyl chloride

Concen: 17.155 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

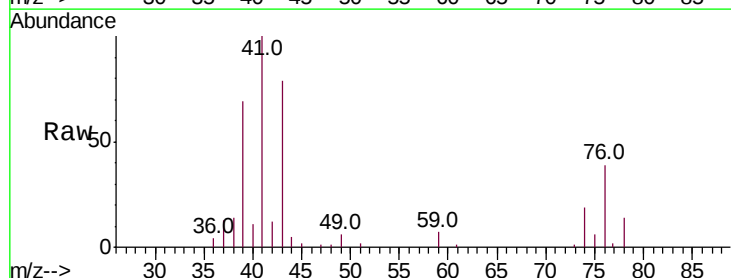
Tgt Ion: 41 Resp: 52487

Ion Ratio Lower Upper

41 100

39 63.0 50.9 76.3

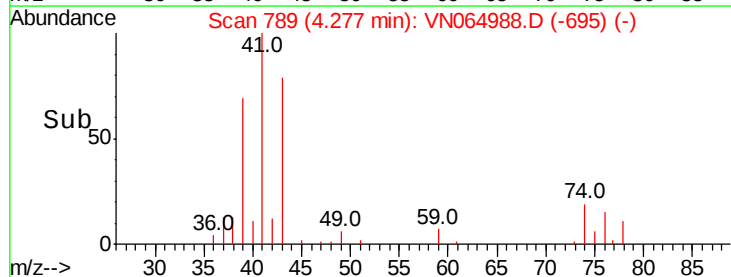
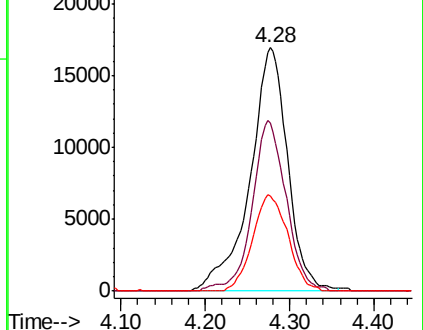
76 36.9 29.0 43.4

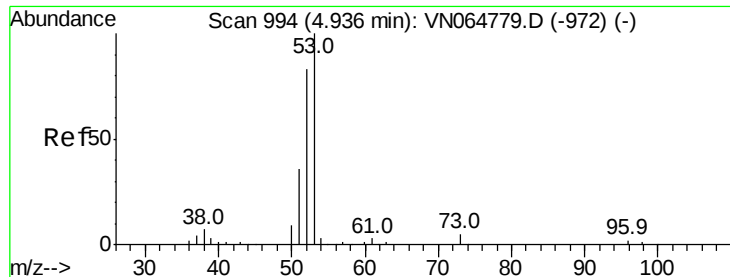


Abundance Ion 41.00 (40.70 to 41.70): VN064988.D (-695) (-)

Ion 39.00 (38.70 to 39.70): VN064988.D (-695) (-)

Ion 75.90 (75.60 to 76.60): VN064988.D (-695) (-)





#15

Acrylonitrile

Concen: 88.683 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

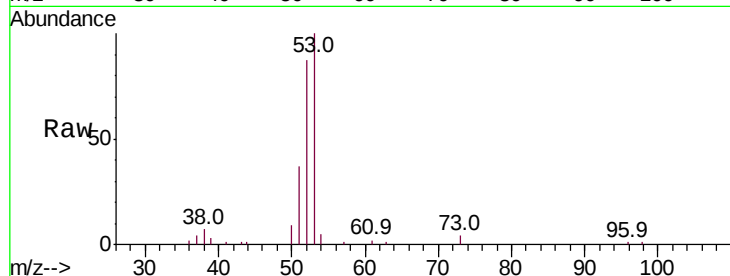
Tot Ion: 53 Resp: 84972

Ion Ratio Lower Upper

53 100

52 81.5 65.5 98.3

51 35.8 28.6 43.0



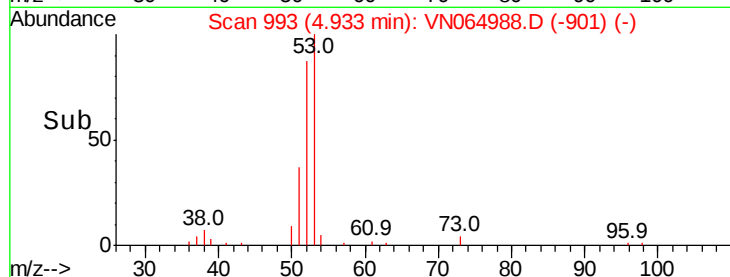
Abundance Ion 53.00 (52.70 to 53.70): VN064779.D (-972) (-)

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

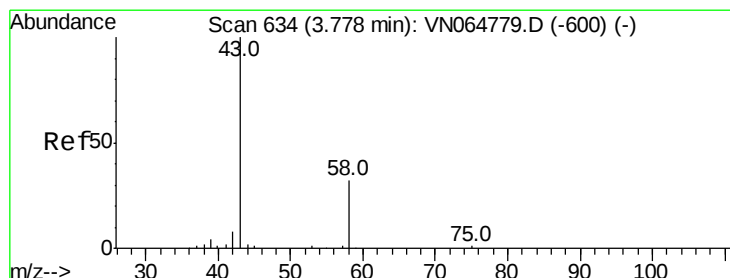
Ion 51.00 (50.70 to 51.70): VN064779.D (-972) (-)

4.93

Time-->



Time-->



#16

Acetone

Concen: 94.784 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064988.D

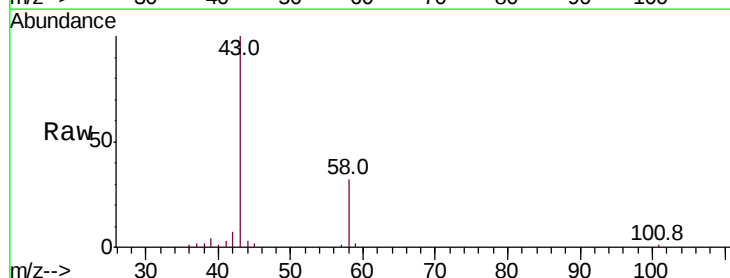
Acq: 8 Dec 2020 23:50

Tgt Ion: 43 Resp: 69296

Ion Ratio Lower Upper

43 100

58 31.8 25.7 38.5

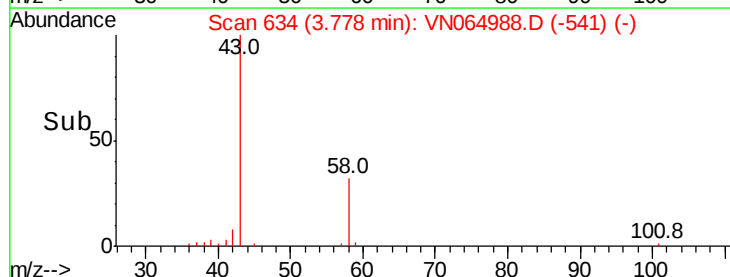


Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

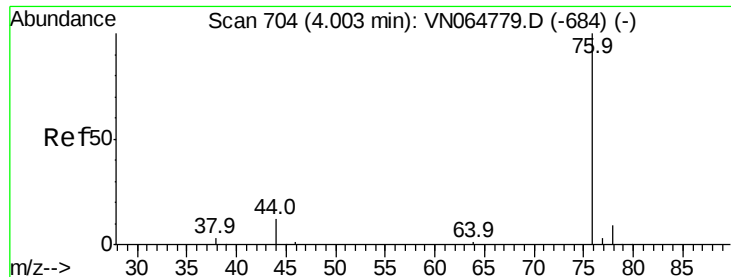
Ion 58.00 (57.70 to 58.70): VN064779.D (-600) (-)

3.78

Time-->



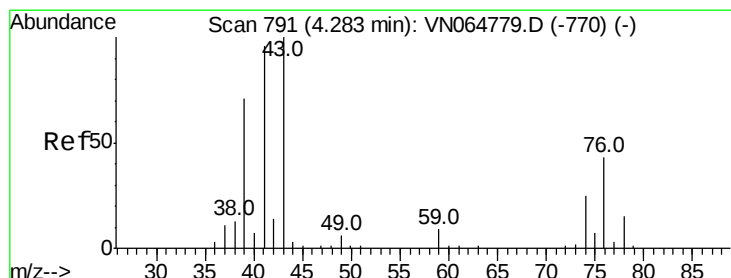
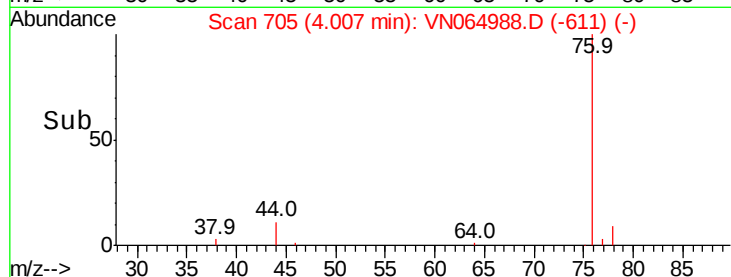
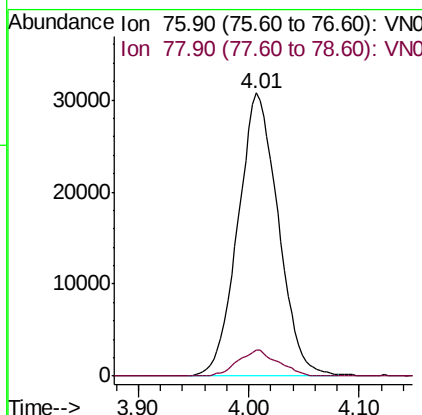
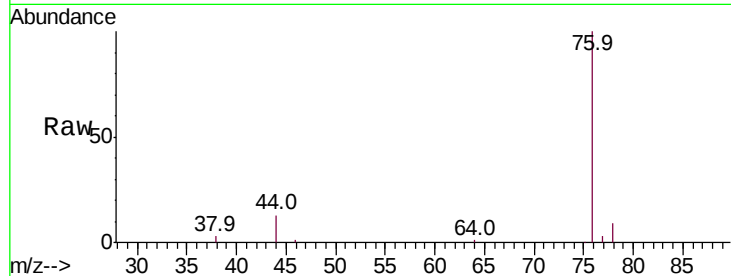
Time-->



#17
Carbon Disulfide
Concen: 16.286 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

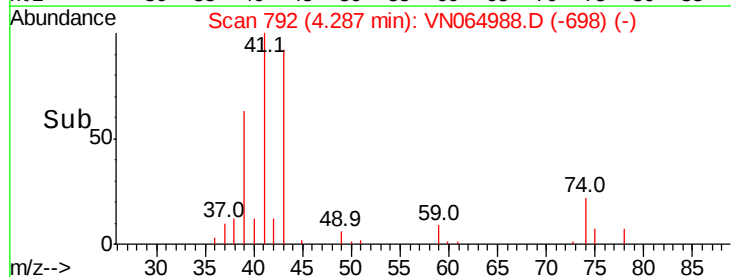
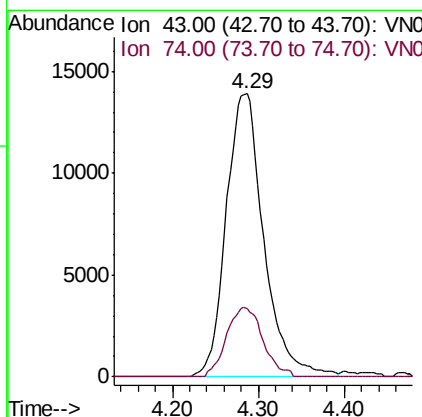
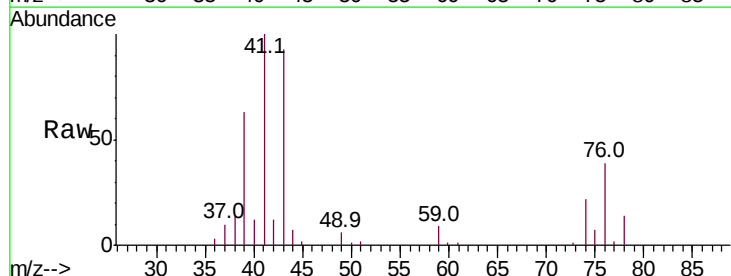
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

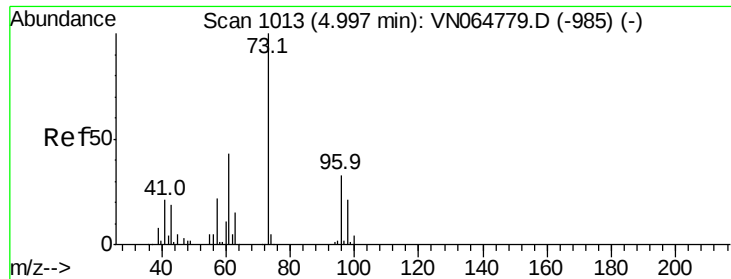
Tot Ion: 76 Resp: 77986
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 19.217 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 43 Resp: 42241
Ion Ratio Lower Upper
43 100
74 23.6 20.2 30.2

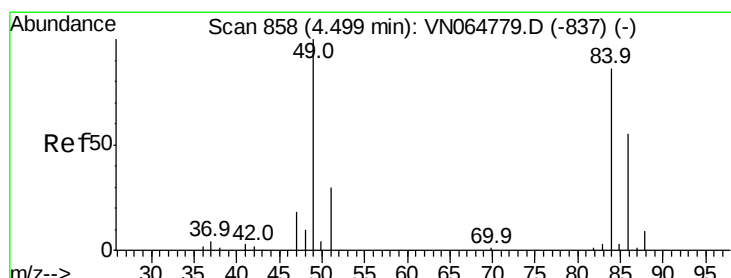
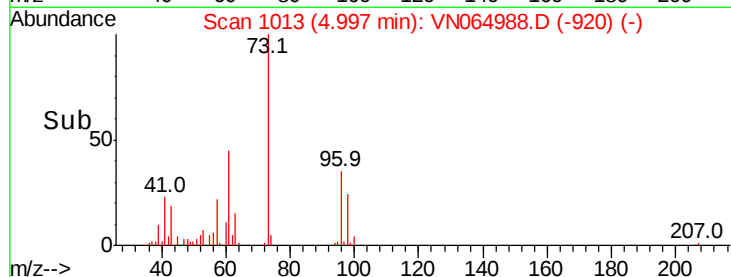
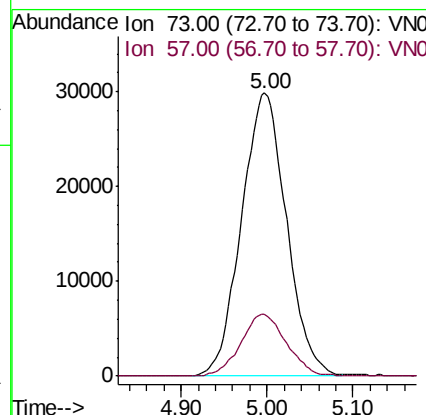
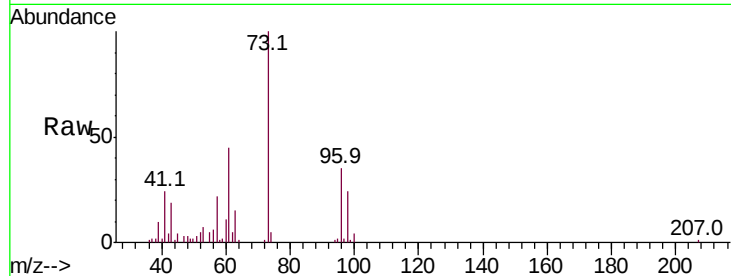




#19
Methvl tert-butvl Ether
Concen: 18.246 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

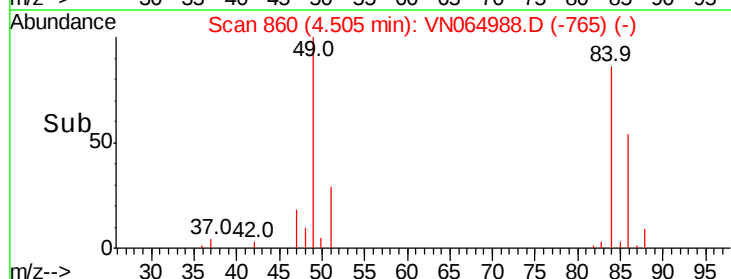
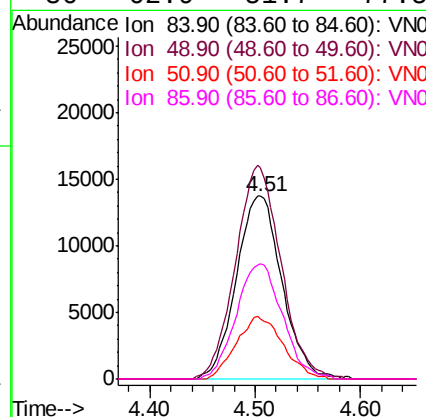
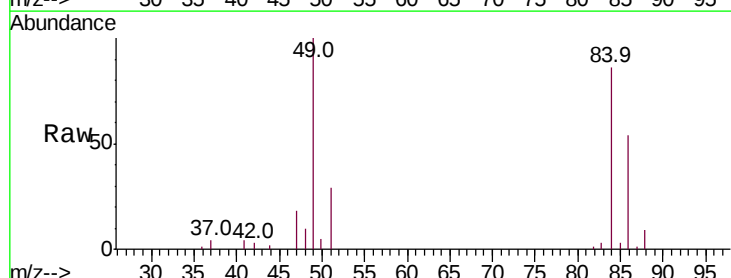
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

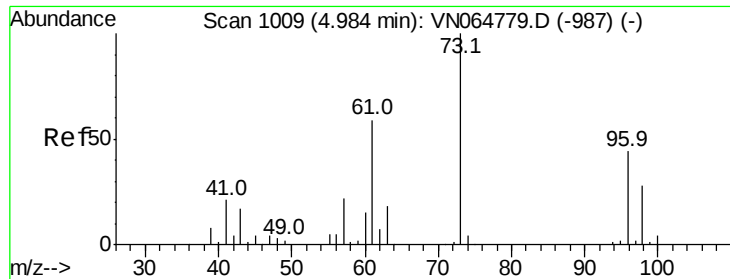
Tot Ion: 73 Resp: 108555
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0



#20
Methylene Chloride
Concen: 18.026 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 84 Resp: 41297
Ion Ratio Lower Upper
84 100
49 115.7 93.4 140.0
51 33.2 28.2 42.4
86 62.9 51.7 77.5



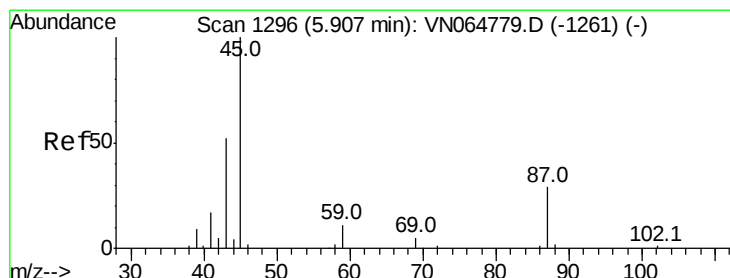
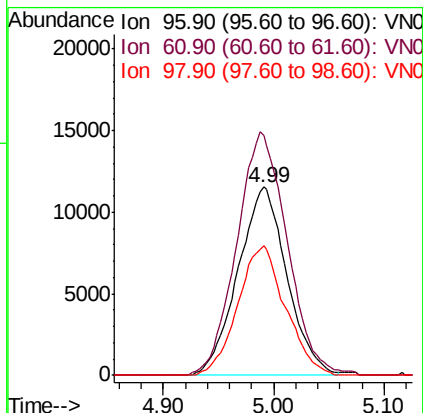
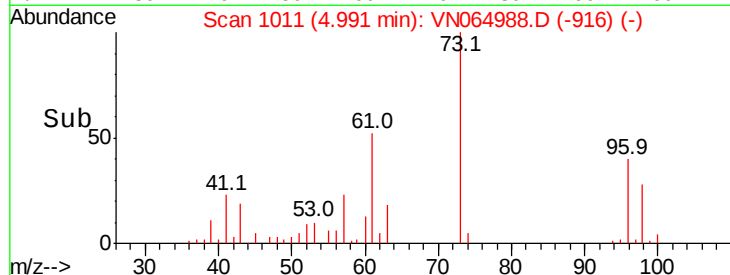
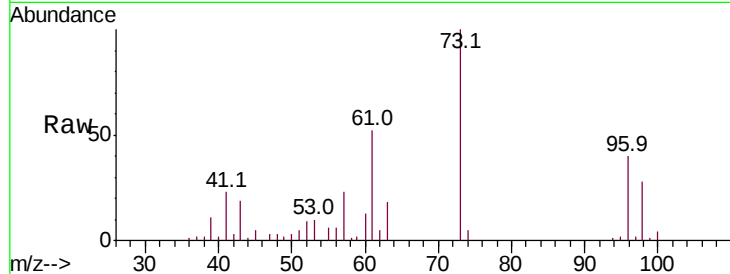


#21

trans-1,2-Dichloroethene
Concen: 17.251 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

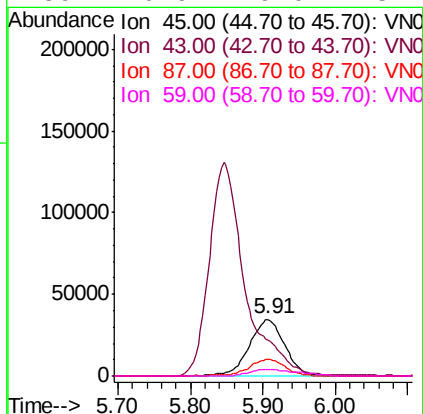
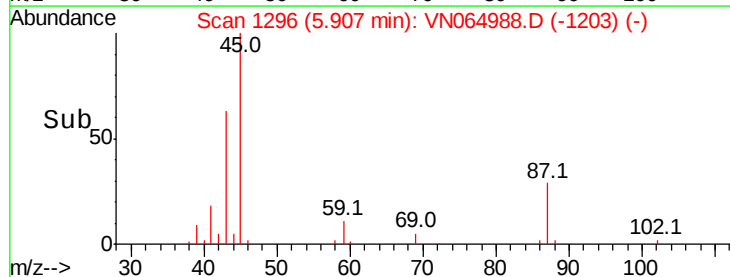
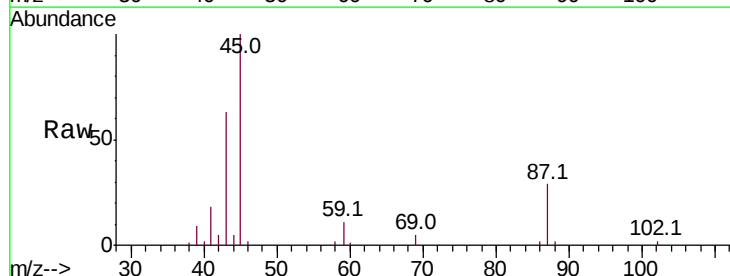
Tot Ion: 96 Resp: 35537
Ion Ratio Lower Upper
96 100
61 127.5 108.4 162.6
98 68.6 51.3 76.9

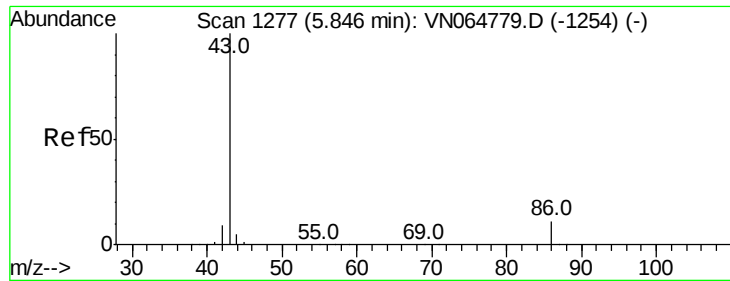


#22

Diisopropyl ether
Concen: 19.160 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 45 Resp: 117338
Ion Ratio Lower Upper
45 100
43 61.1 46.2 69.2
87 29.1 24.1 36.1
59 10.9 9.0 13.4





#23

Vinyl Acetate

Concen: 91.408 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

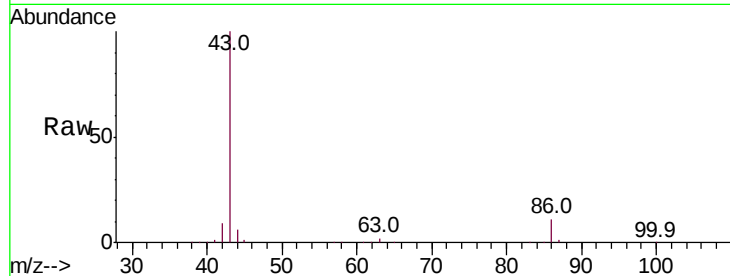
VN1208WBSD02

Tot Ion: 43 Resp: 447649

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064988.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064988.D (-1184) (-)

150000

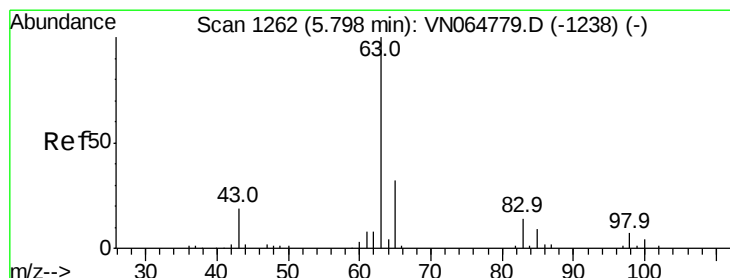
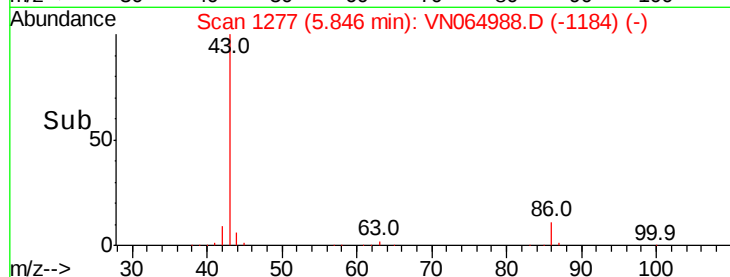
100000

50000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 19.088 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

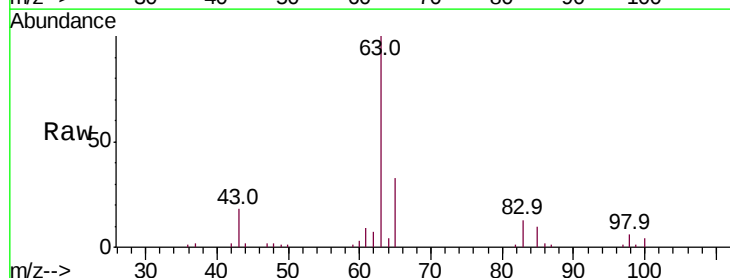
Tgt Ion: 63 Resp: 69861

Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.5

100 3.9 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN064988.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064988.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064988.D (-1169) (-)

30000

25000

20000

15000

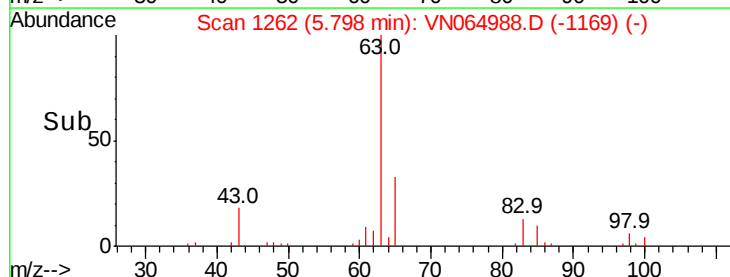
10000

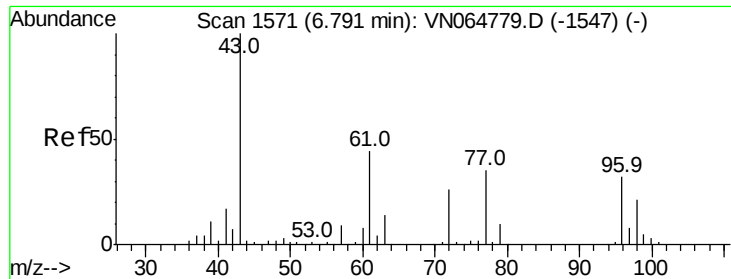
5000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 88.887 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

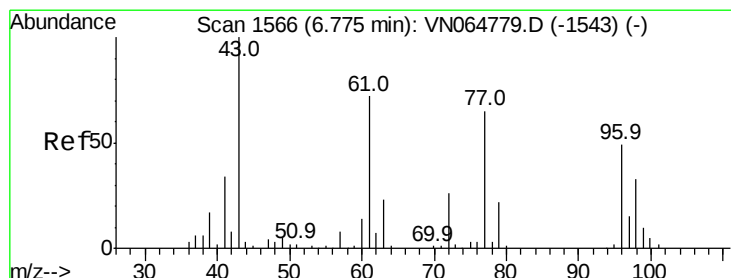
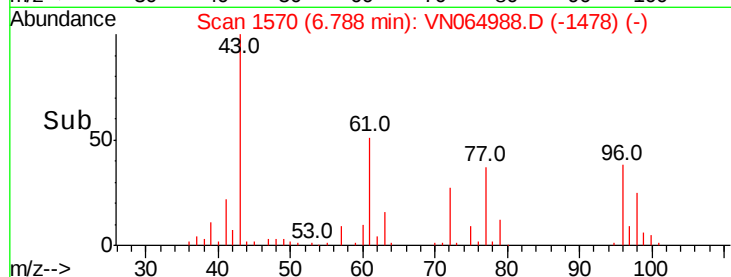
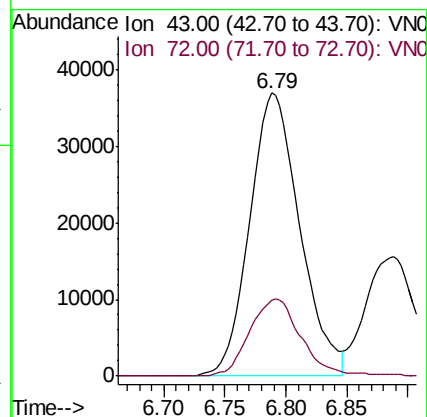
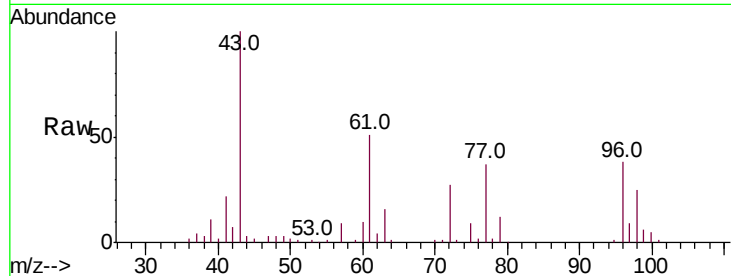
VN1208WBSD02

Tot Ion: 43 Resp: 105343

Ion Ratio Lower Upper

43 100

72 26.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 16.686 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064988.D

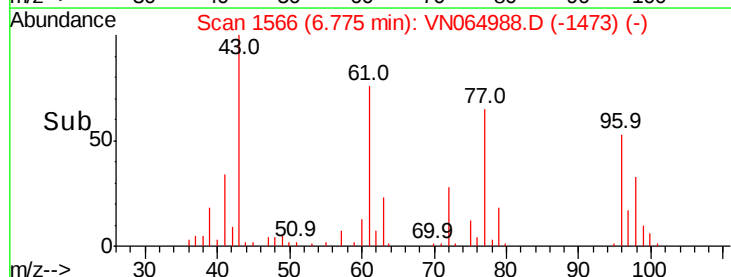
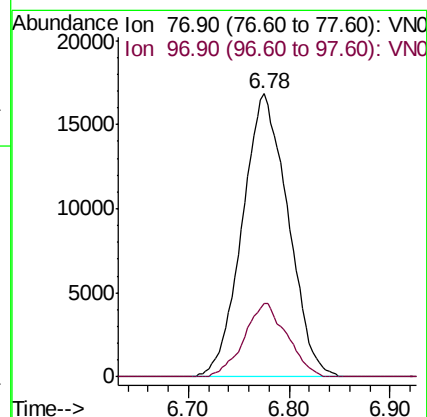
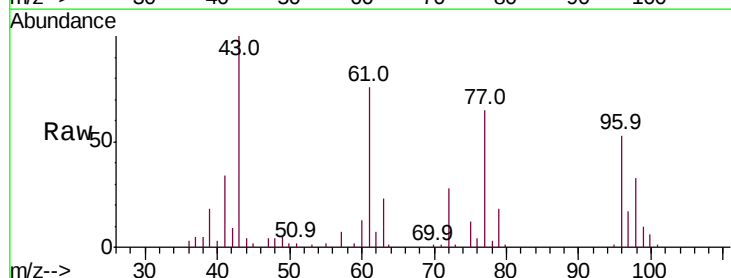
Acq: 8 Dec 2020 23:50

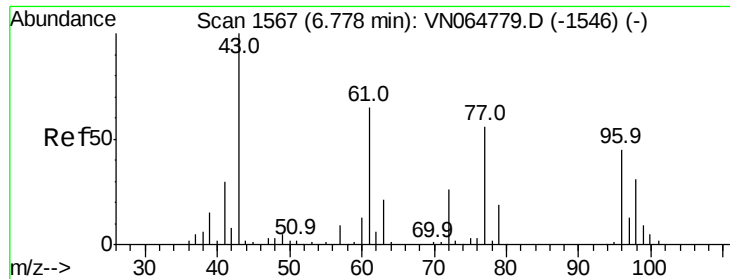
Tgt Ion: 77 Resp: 52966

Ion Ratio Lower Upper

77 100

97 24.3 11.7 35.0

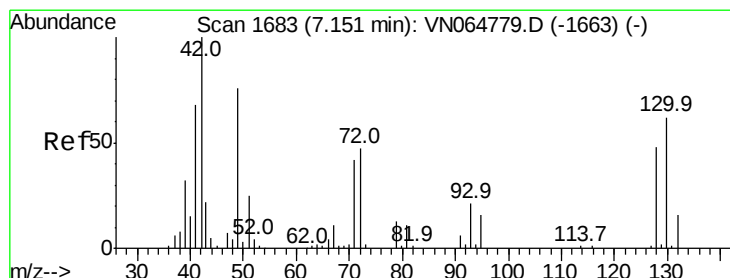
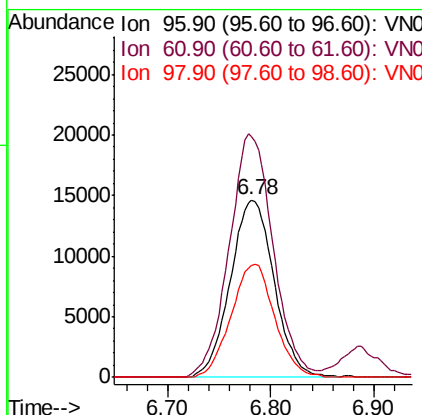
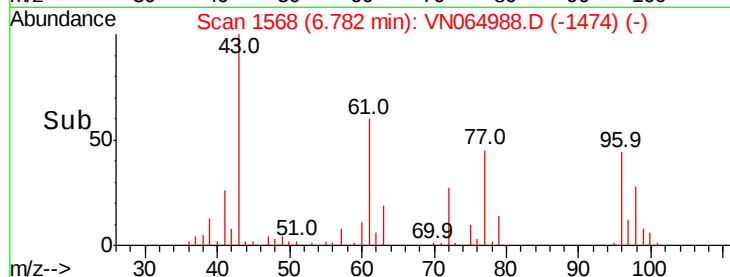
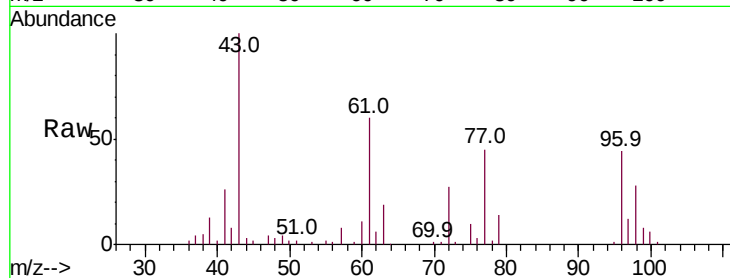




#27
 cis-1,2-Dichloroethene
 Concen: 18.641 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

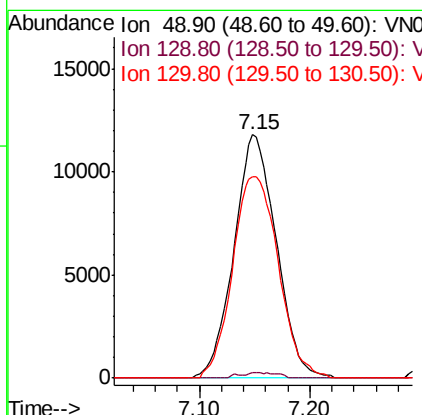
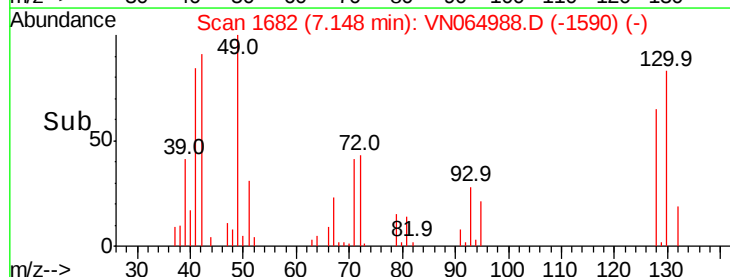
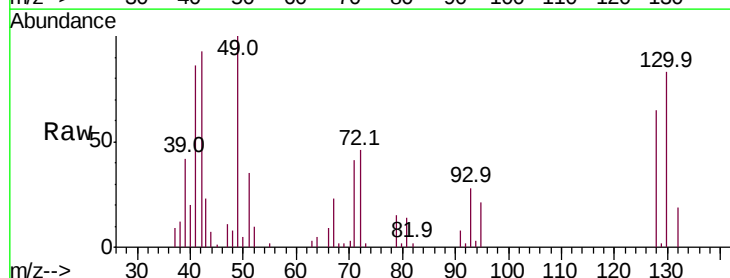
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

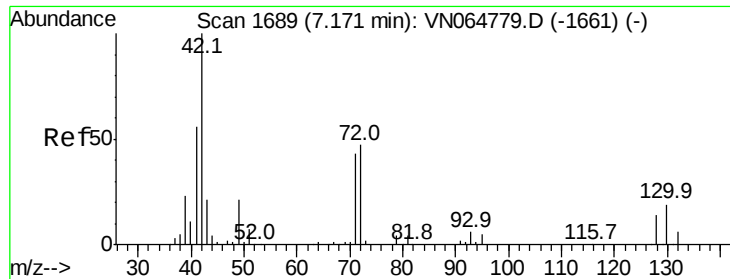
Tot Ion: 96 Resp: 43211
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 285.8
 98 63.4 0.0 130.6



#28
 Bromochloromethane
 Concen: 18.746 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion: 49 Resp: 31387
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 3.8
 130 89.3 66.2 99.2

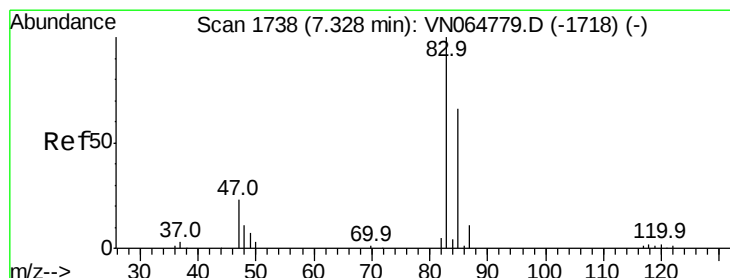
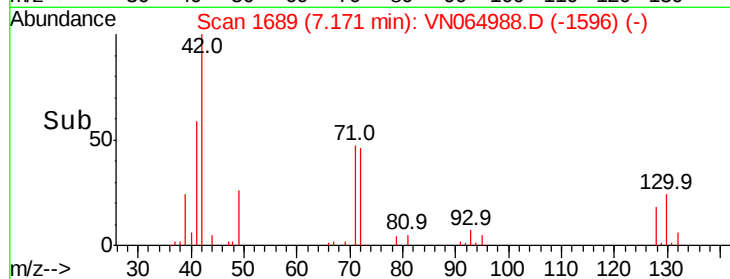
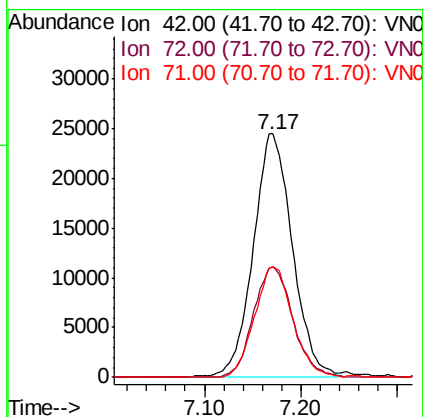
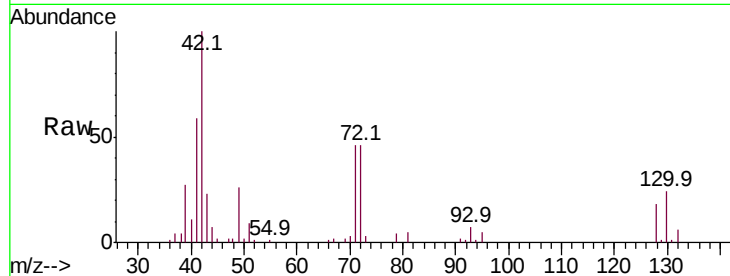




#29
Tetrahydrofuran
Concen: 84.227 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

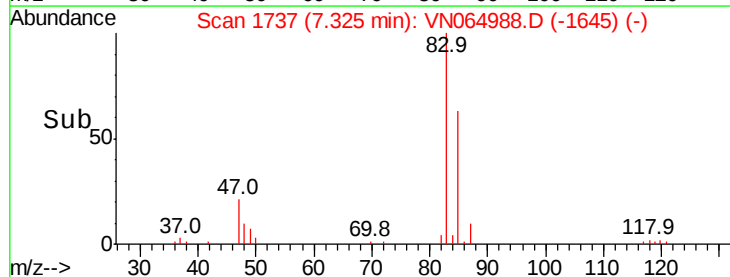
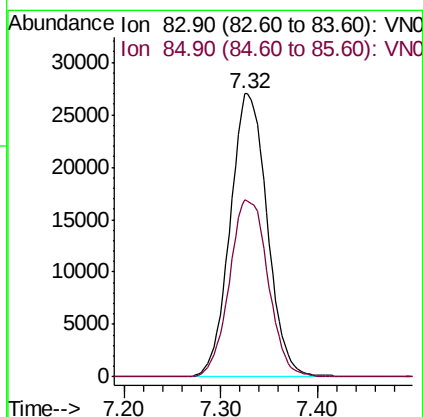
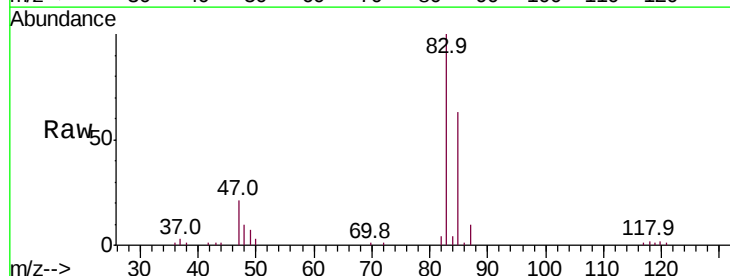
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

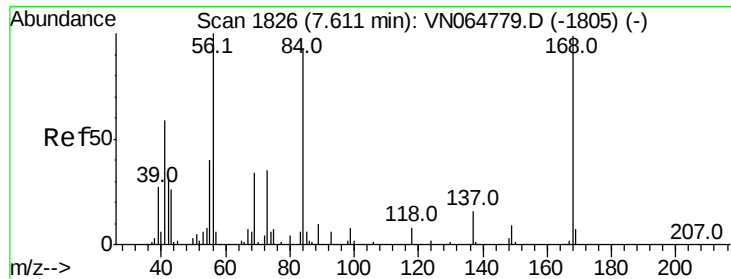
Tot Ion: 42 Resp: 68905
Ion Ratio Lower Upper
42 100
72 45.6 36.6 54.8
71 44.3 33.6 50.4



#30
Chloroform
Concen: 19.035 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 83 Resp: 71845
Ion Ratio Lower Upper
83 100
85 62.7 52.6 78.8





#31

Cyclohexane

Concen: 16.224 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

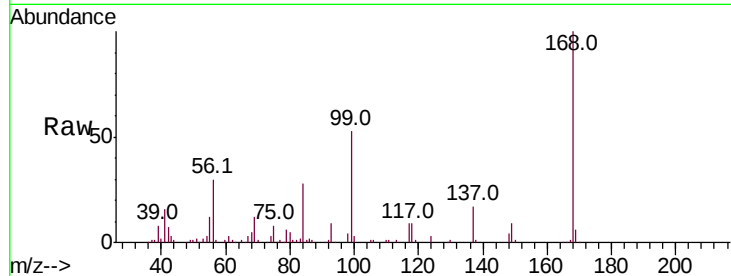
Tot Ion: 56 Resp: 50290

Ion Ratio Lower Upper

56 100

69 41.7 27.5 41.3#

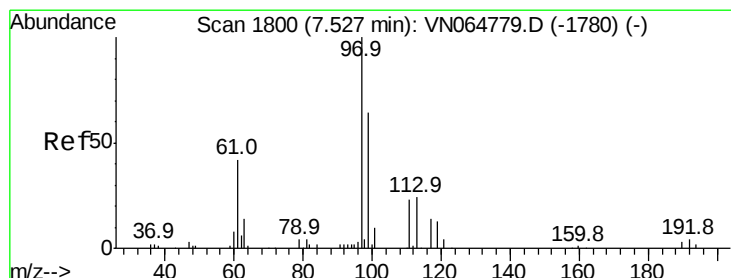
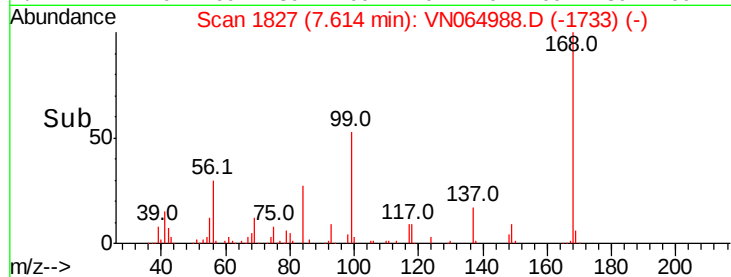
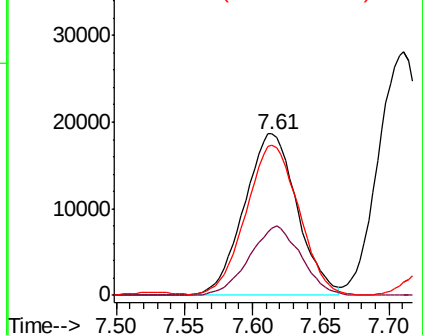
84 93.4 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064988.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064988.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064988.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 18.767 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

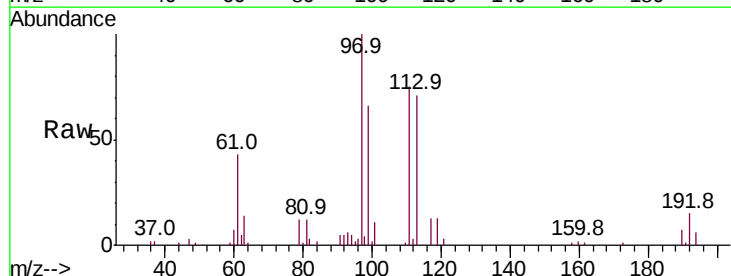
Tgt Ion: 97 Resp: 60836

Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

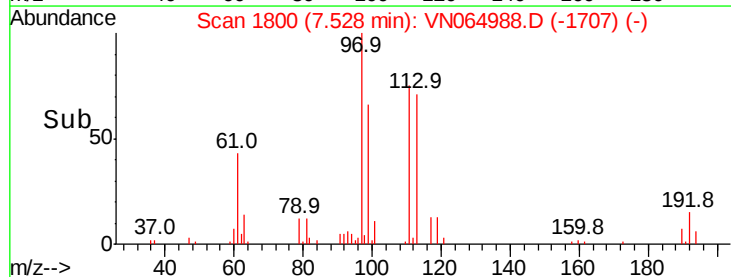
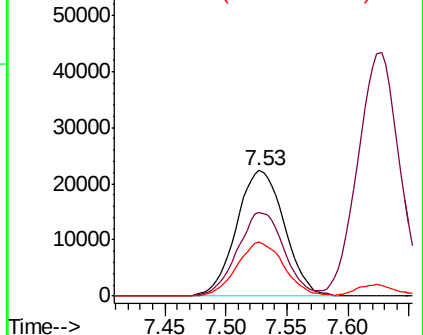
61 42.2 33.9 50.9

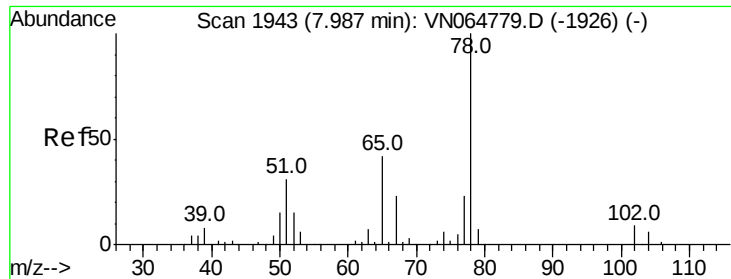


Abundance Ion 96.90 (96.60 to 97.60): VN064988.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064988.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064988.D (-1707) (-)

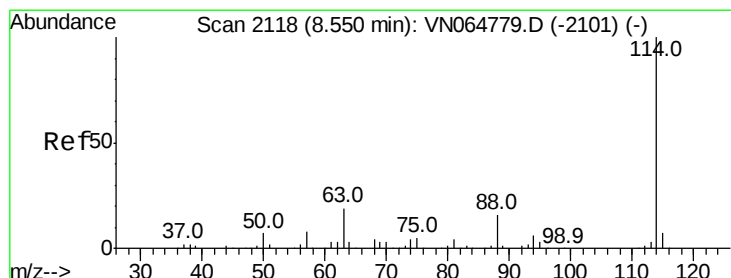
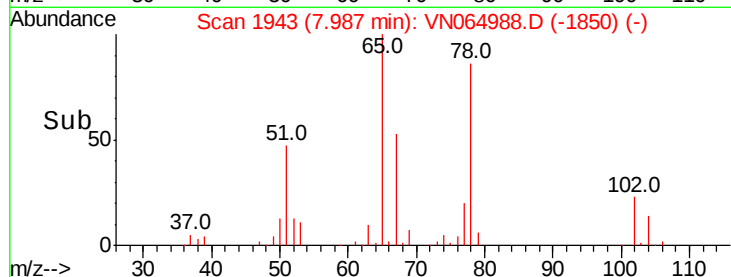
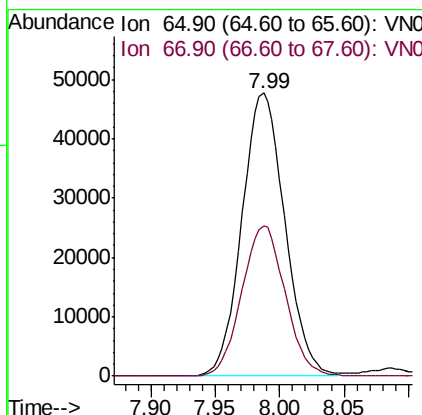
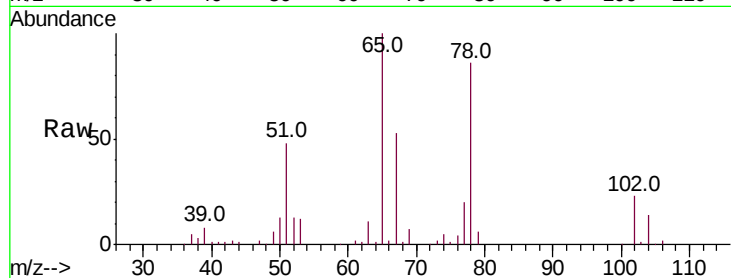




#33
 1,2-Dichloroethane-d4
 Concen: 49.823 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

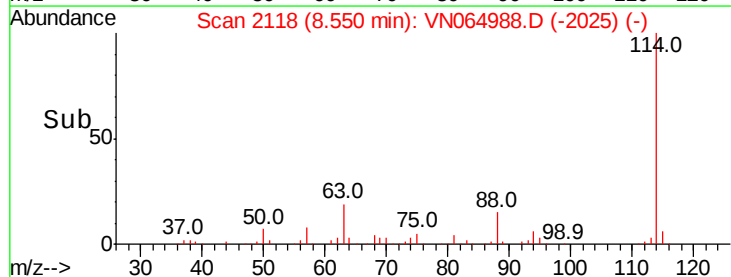
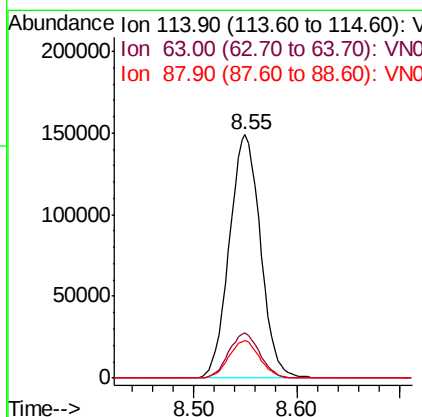
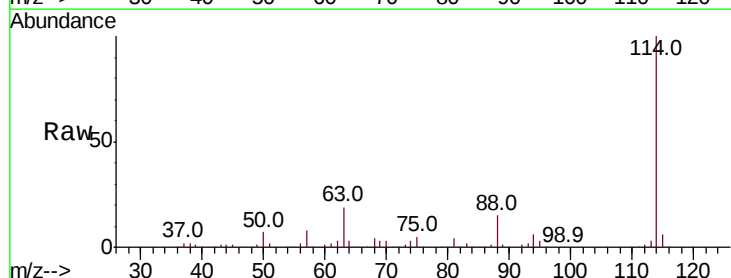
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

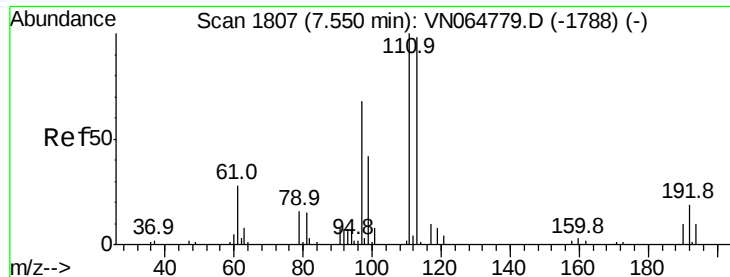
Tot Ion: 65 Resp: 110807
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion: 114 Resp: 313477
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.6
 88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.277 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

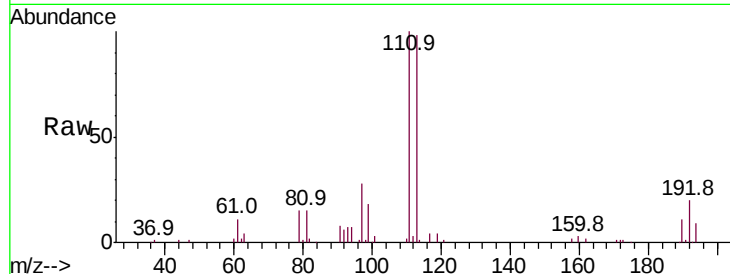
Tot Ion:113 Resp: 96183

Ion Ratio Lower Upper

113 100

111 103.6 81.6 122.4

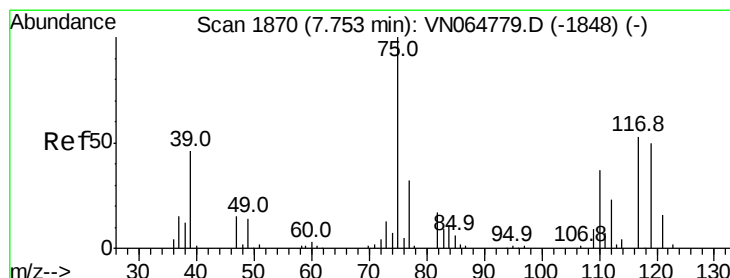
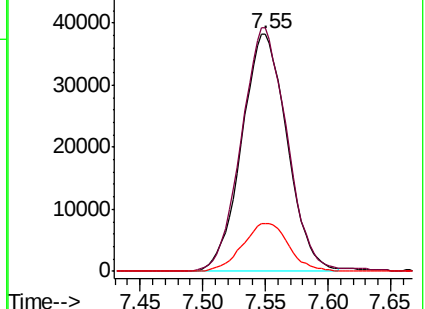
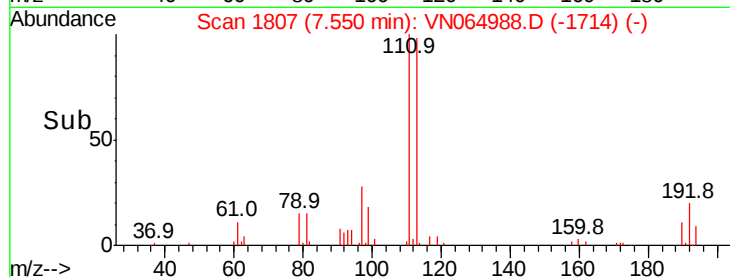
192 20.5 16.2 24.2



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: 17.400 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

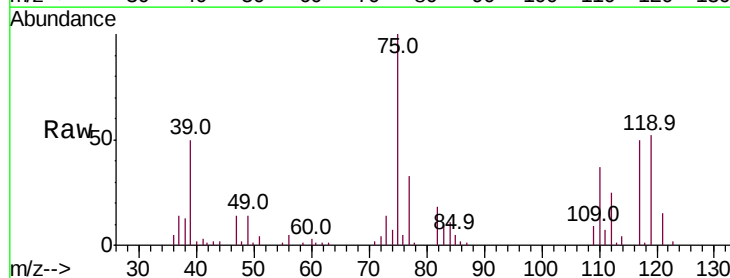
Tgt Ion: 75 Resp: 50558

Ion Ratio Lower Upper

75 100

110 35.0 17.8 53.3

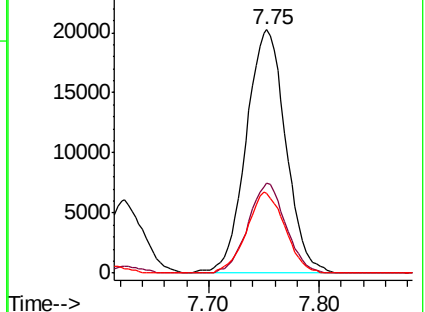
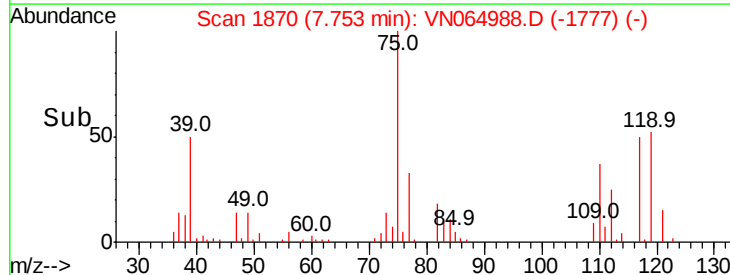
77 31.9 25.0 37.4

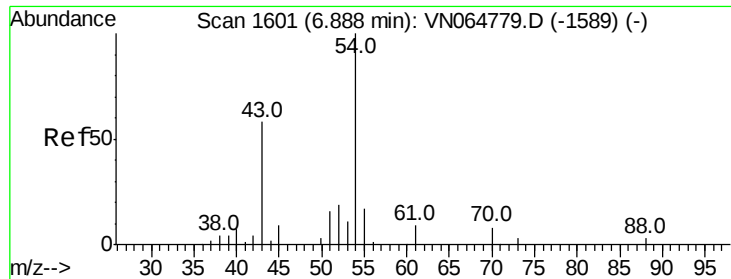


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

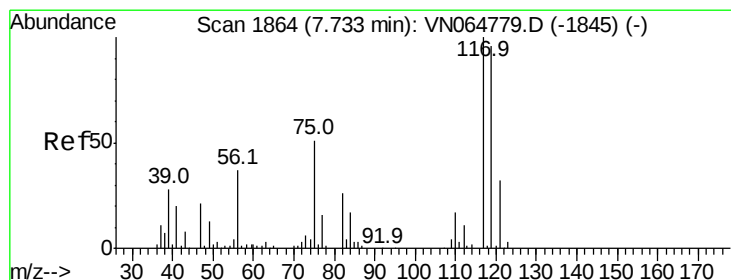
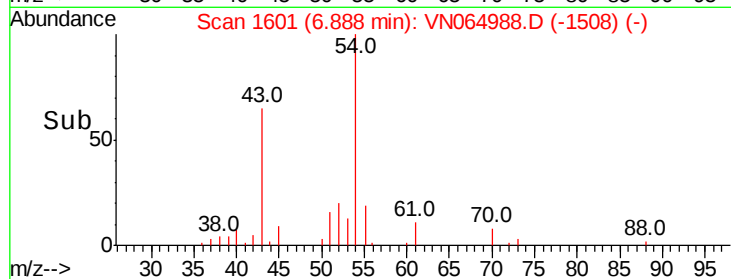
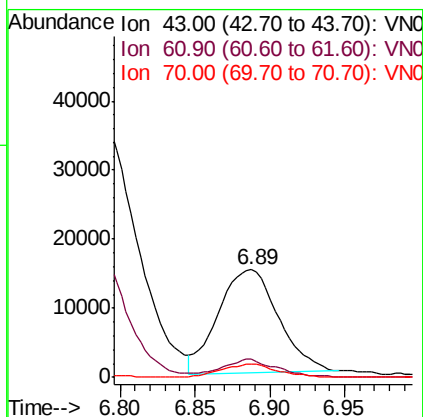
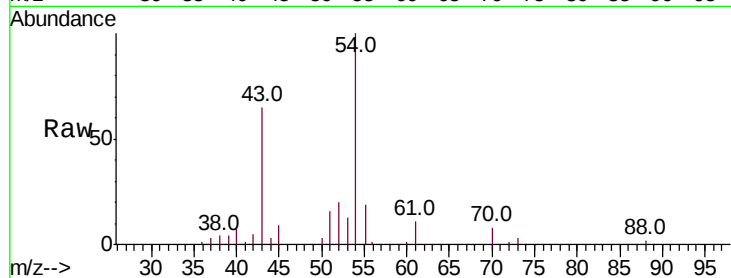




#37
Ethyl Acetate
Concen: 14.926 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

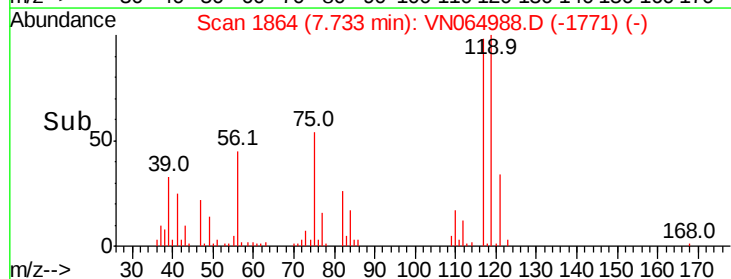
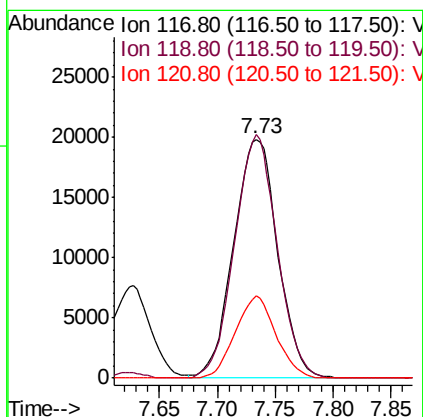
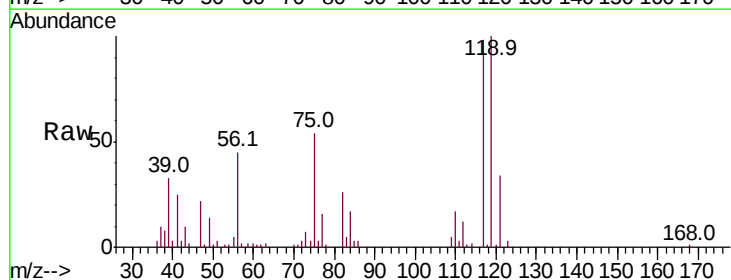
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

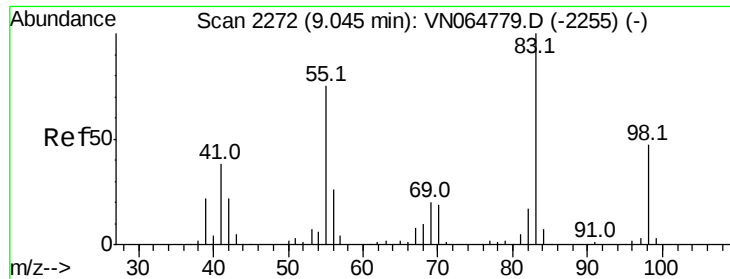
Tot Ion: 43 Resp: 41776
Ion Ratio Lower Upper
43 100
61 16.2 12.8 19.2
70 11.9 8.8 13.2



#38
Carbon Tetrachloride
Concen: 17.348 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 117 Resp: 52448
Ion Ratio Lower Upper
117 100
119 101.9 76.7 115.1
121 34.5 25.4 38.2

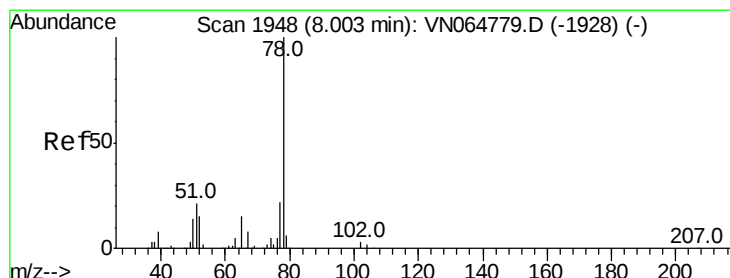
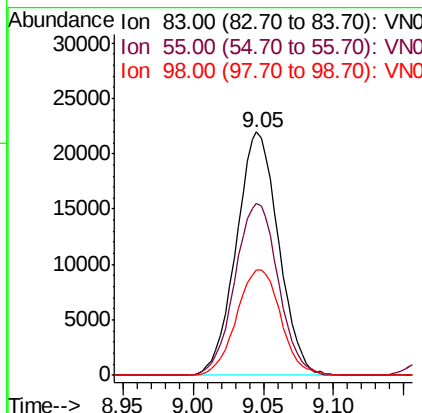
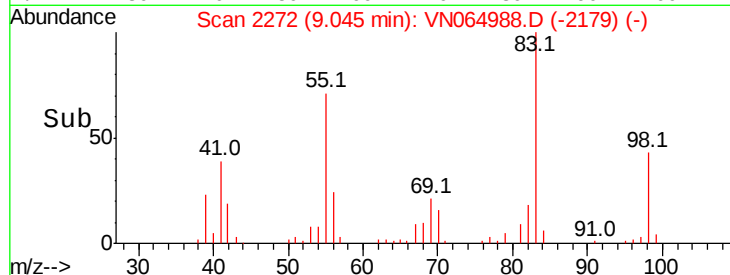
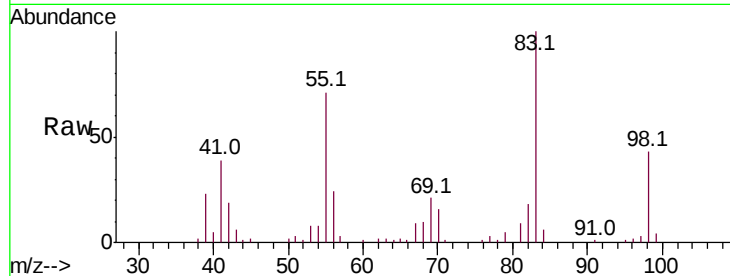




#39
Methvlcvclohexane
Concen: 14.728 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

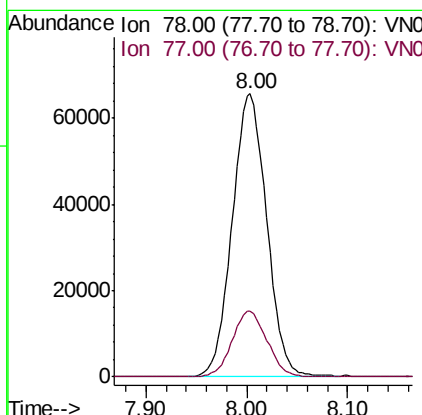
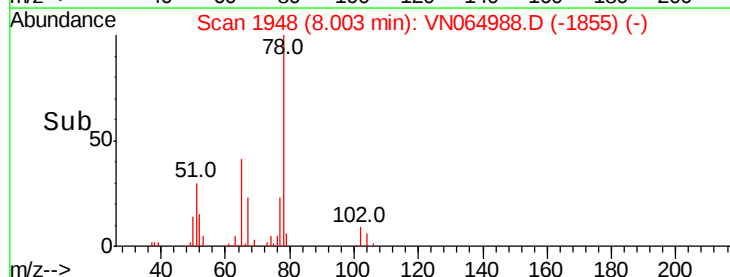
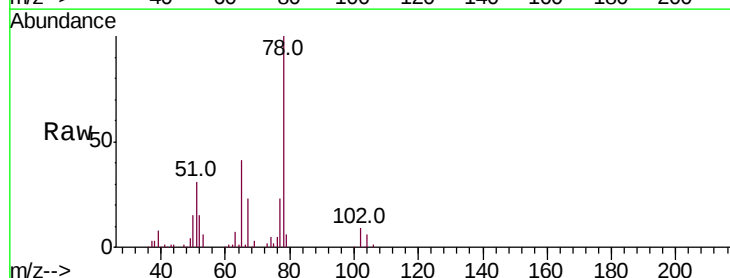
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

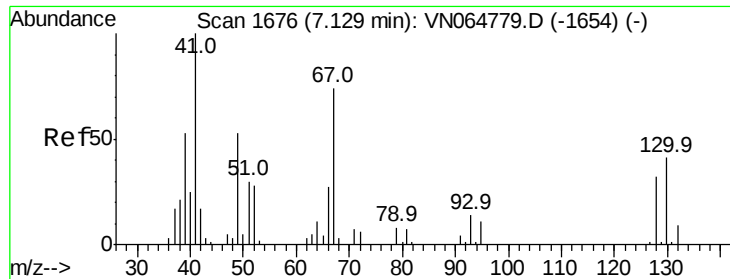
Tot Ion: 83 Resp: 46067
Ion Ratio Lower Upper
83 100
55 70.6 60.2 90.2
98 43.2 37.4 56.2



#40
Benzene
Concen: 17.498 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 78 Resp: 155798
Ion Ratio Lower Upper
78 100
77 23.3 17.9 26.9

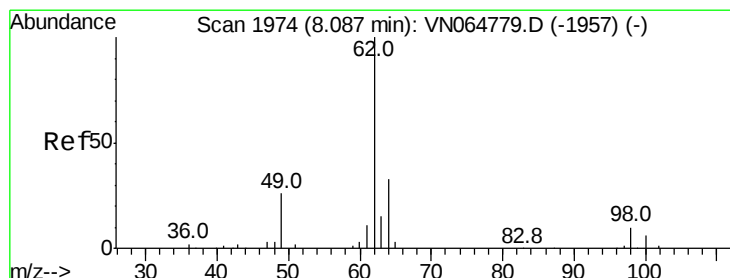
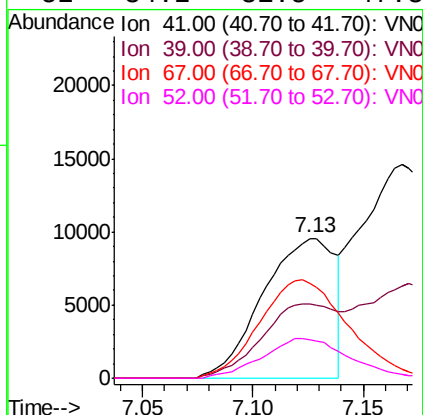
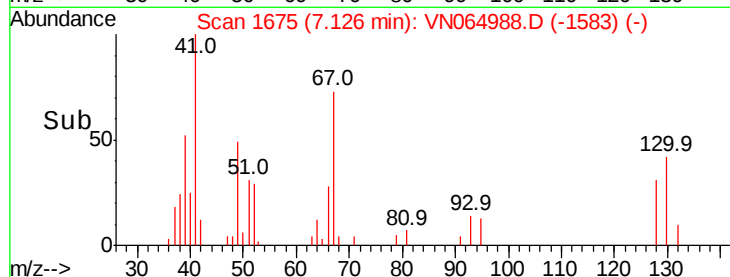
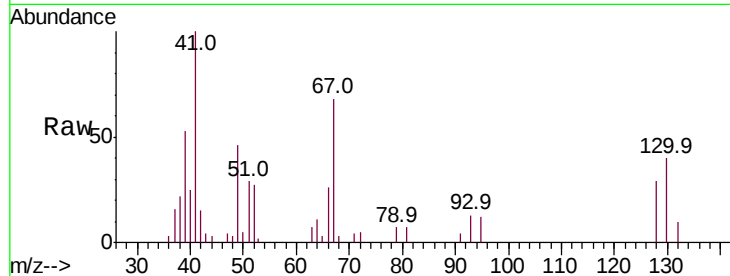




#41
Methacrylonitrile
Concen: 16.819 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

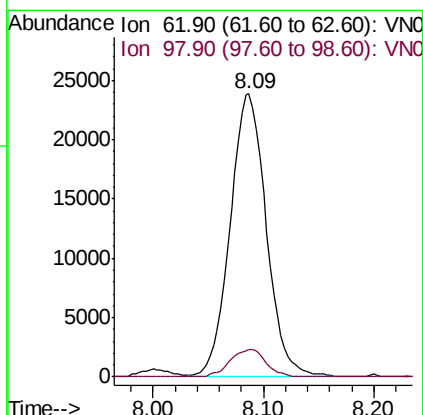
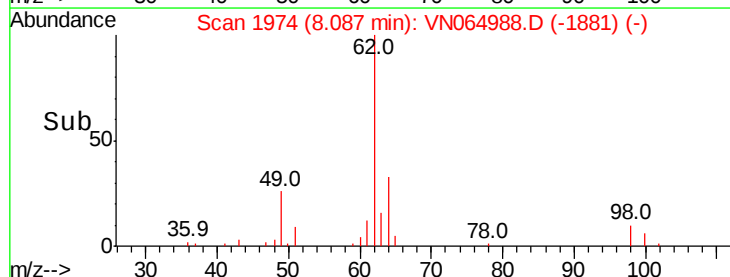
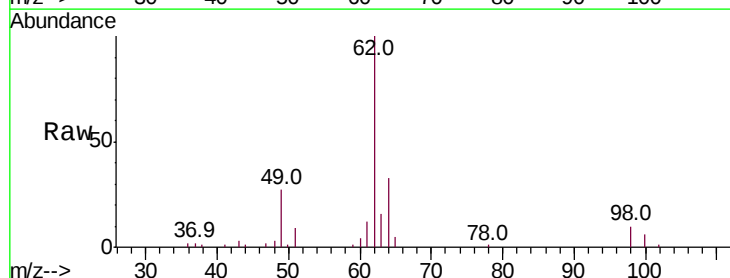
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

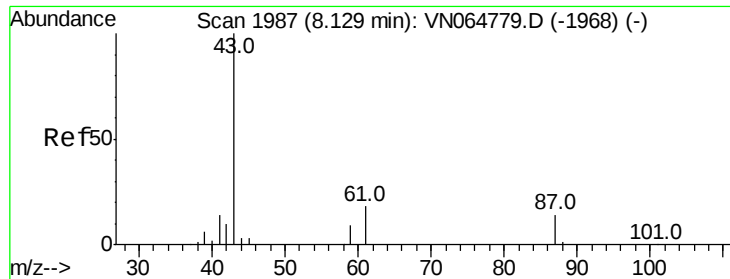
Tot Ion: 41 Resp: 21721
Ion Ratio Lower Upper
41 100
39 57.6 51.0 76.6
67 86.8 79.8 119.8
52 34.2 31.5 47.3



#42
1,2-Dichloroethane
Concen: 18.058 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 62 Resp: 54239
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.6





#43

Isopropyl Acetate

Concen: 17.398 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

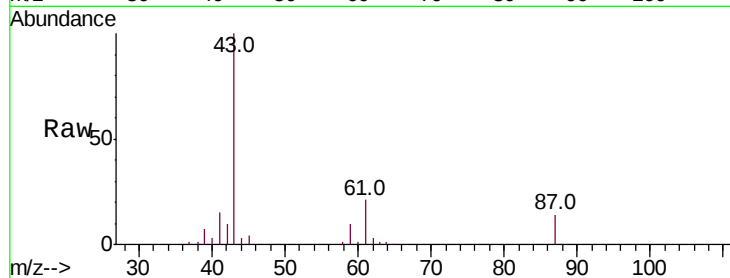
Tot Ion: 43 Resp: 78357

Ion Ratio Lower Upper

43 100

61 19.1 17.2 25.8

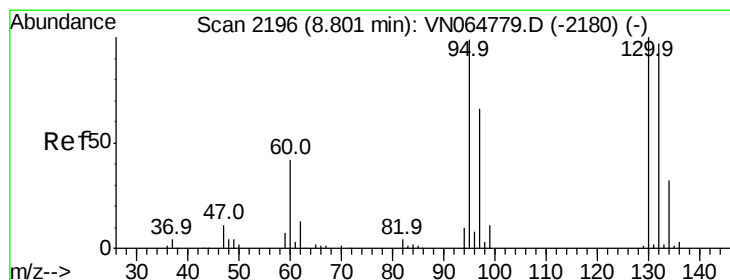
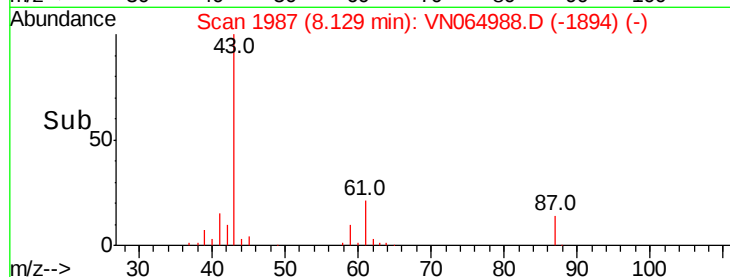
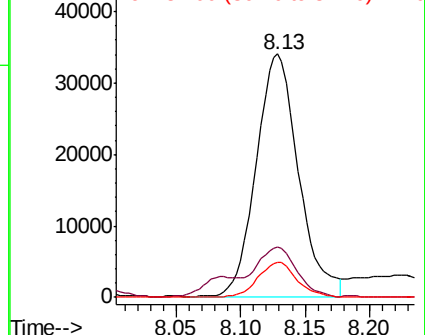
87 13.1 11.4 17.0



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: 16.523 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064988.D

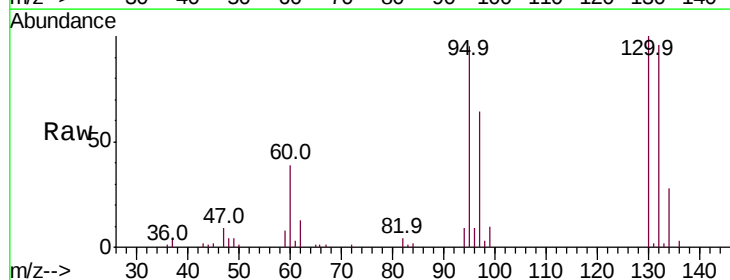
Acq: 8 Dec 2020 23:50

Tgt Ion:130 Resp: 43408

Ion Ratio Lower Upper

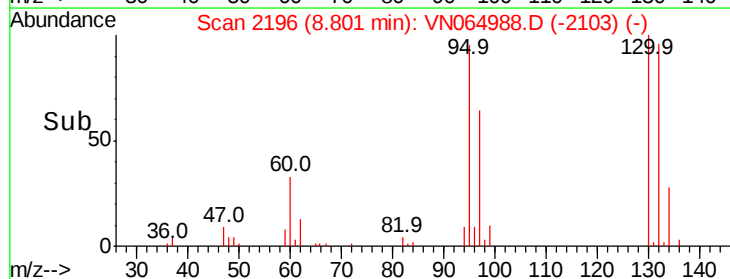
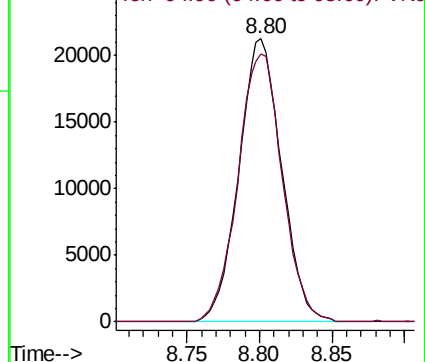
130 100

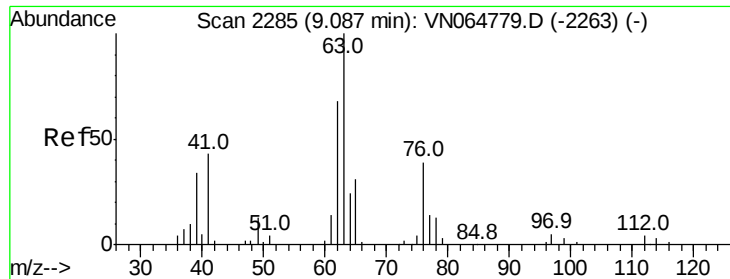
95 94.5 0.0 197.8



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

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

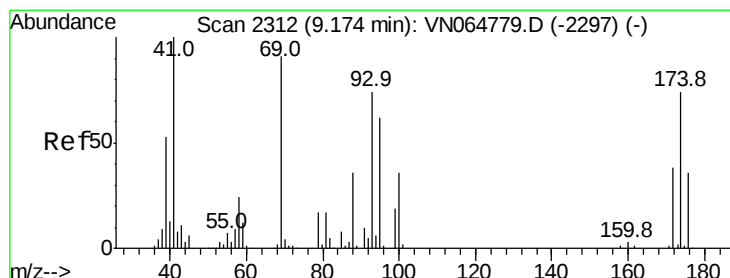
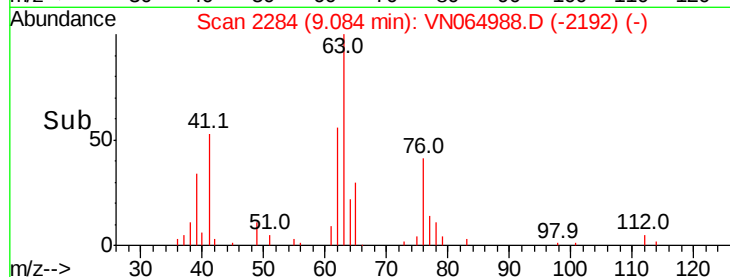
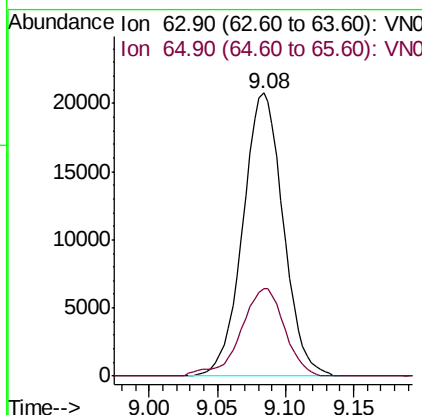
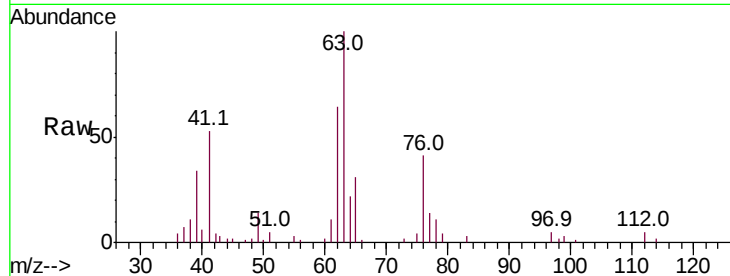




#45
 1,2-Dichloropropane
 Concen: 18.485 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

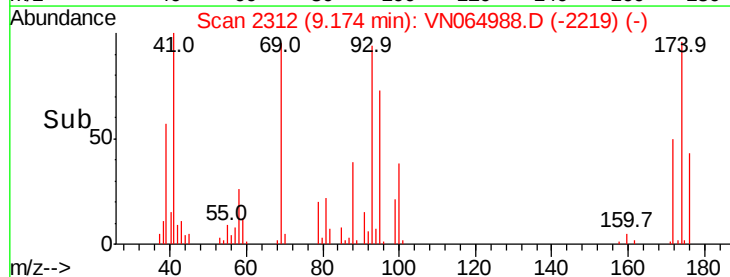
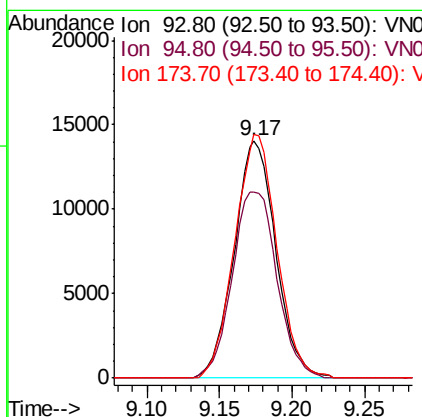
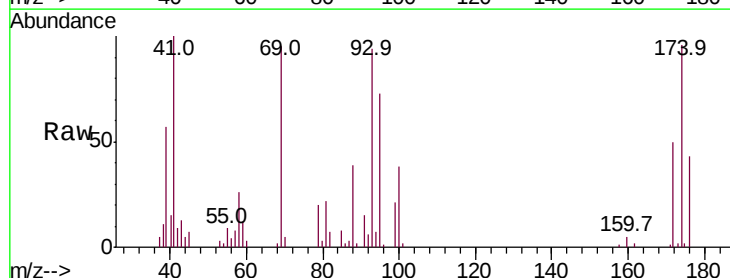
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

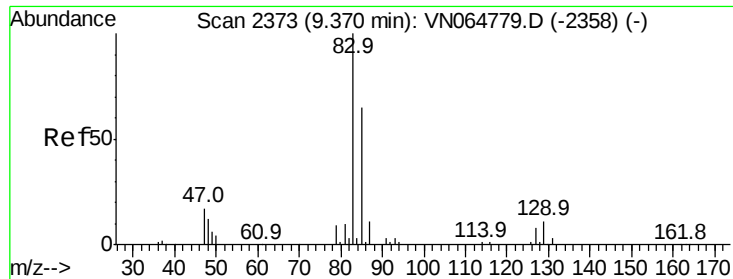
Tot Ion: 63 Resp: 42623
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.4



#46
 Dibromomethane
 Concen: 18.236 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion: 93 Resp: 28091
 Ion Ratio Lower Upper
 93 100
 95 84.1 68.8 103.2
 174 103.9 83.1 124.7





#47

Bromodichloromethane

Concen: 18.253 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

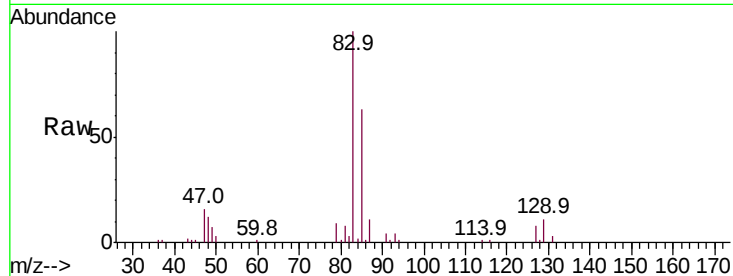
Tot Ion: 83 Resp: 56575

Ion Ratio Lower Upper

83 100

85 63.2 51.8 77.8

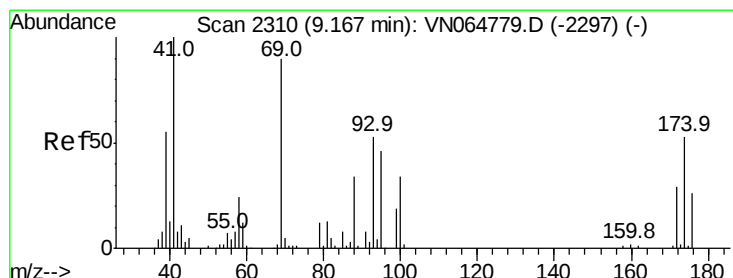
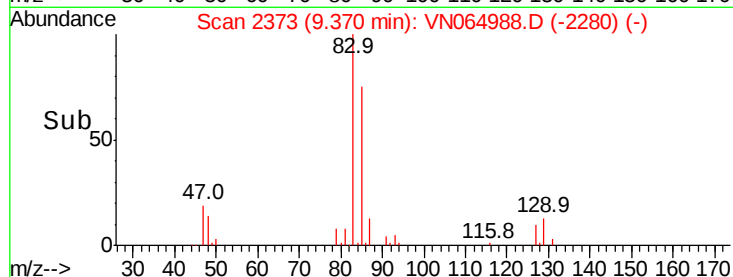
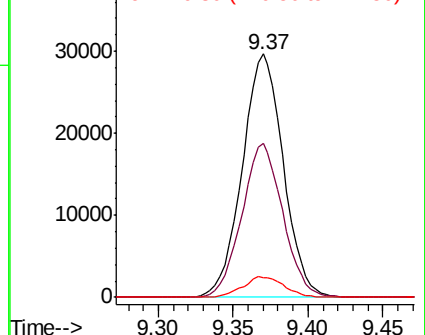
127 8.3 6.8 10.2



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

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

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



#48

Methyl methacrylate

Concen: 16.567 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

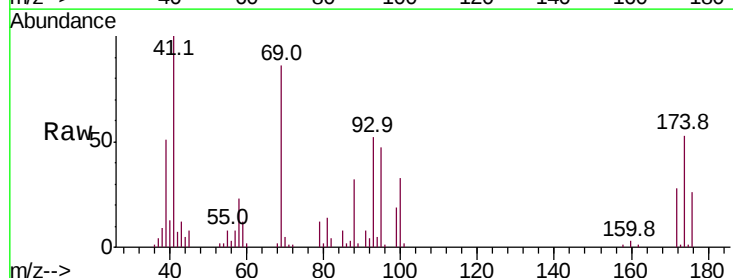
Tgt Ion: 41 Resp: 35653

Ion Ratio Lower Upper

41 100

69 92.5 71.8 107.8

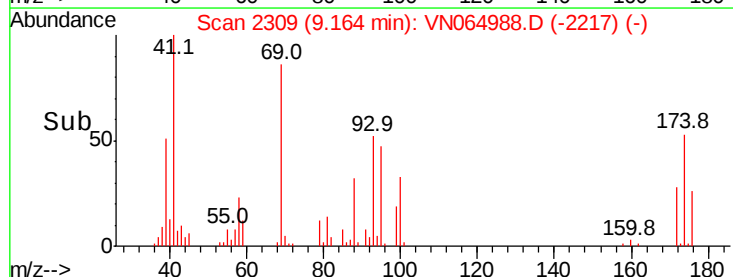
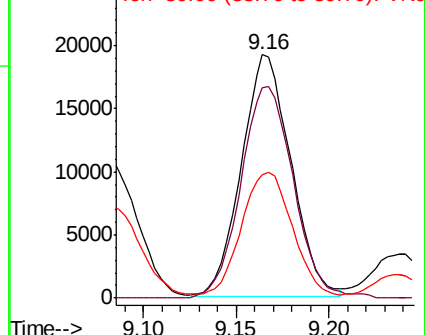
39 54.3 44.1 66.1

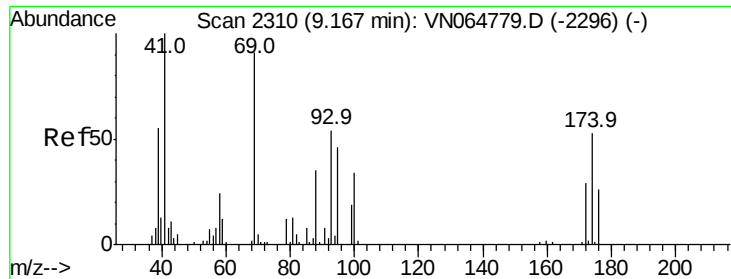


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

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

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

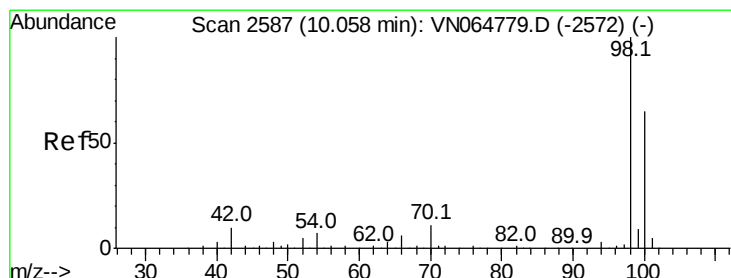
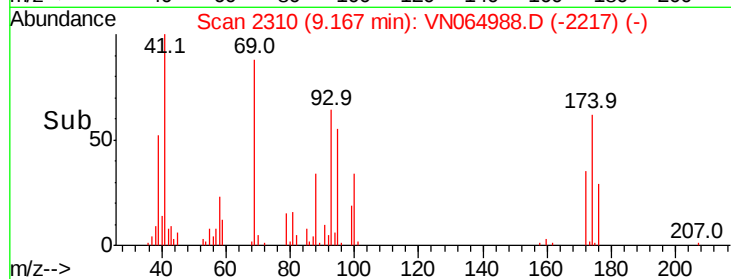
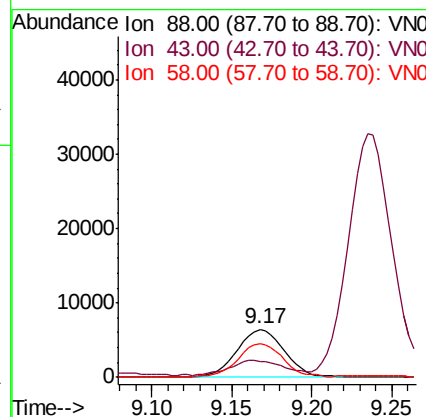
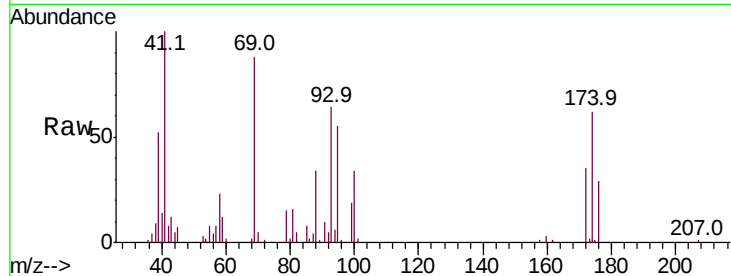




#49
1,4-Dioxane
Concen: 322.292 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

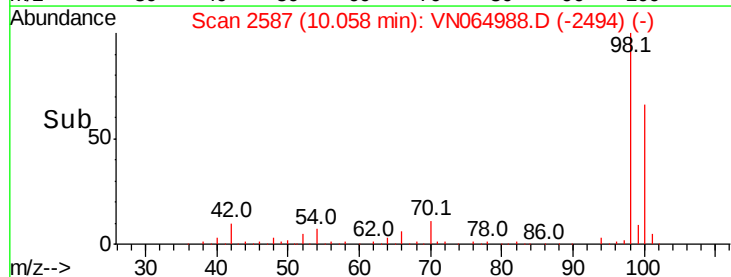
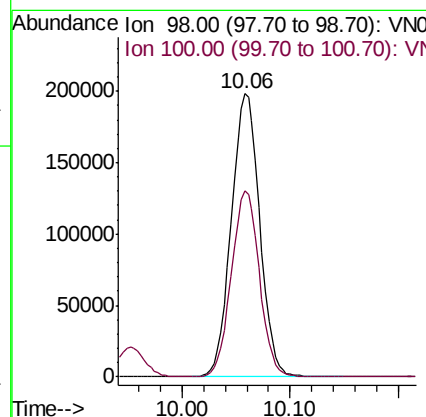
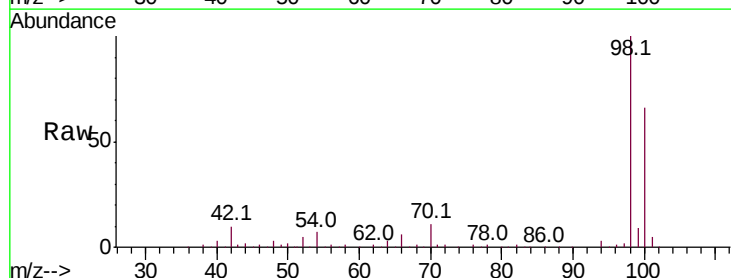
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

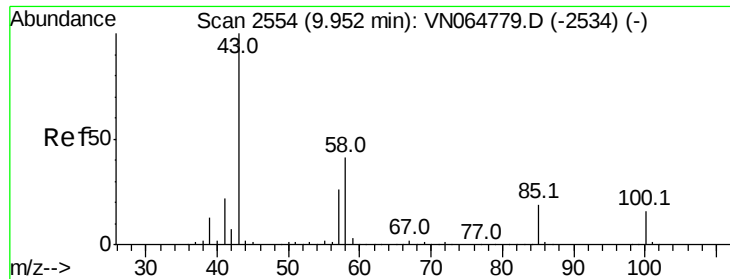
Tot Ion: 88 Resp: 13109
Ion Ratio Lower Upper
88 100
43 35.4 24.2 36.4
58 67.0 52.5 78.7



#50
Toluene-d8
Concen: 47.582 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 98 Resp: 364674
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 85.422 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleID :

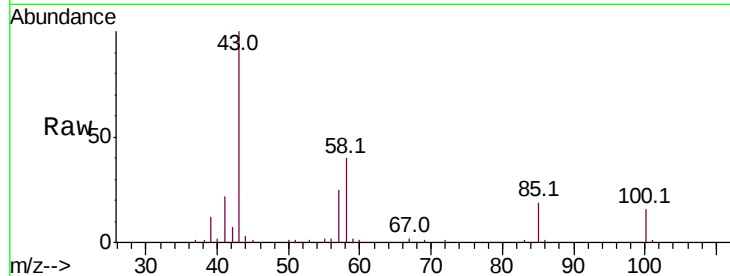
VN1208WBSD02

Tot Ion: 43 Resp: 230965

Ion Ratio Lower Upper

43 100

58 39.9 32.4 48.6



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

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

9.95

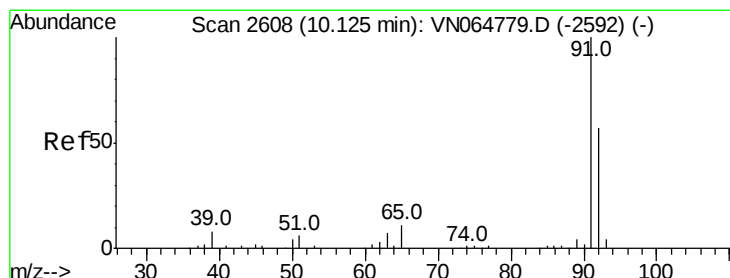
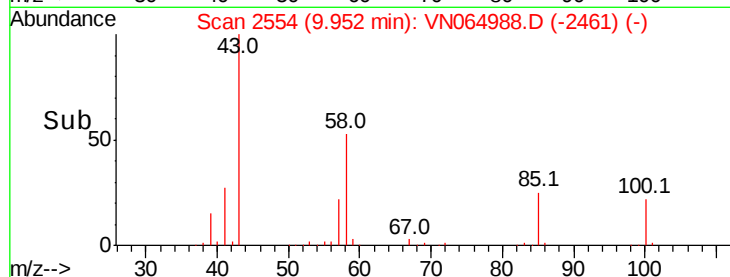
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.829 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064988.D

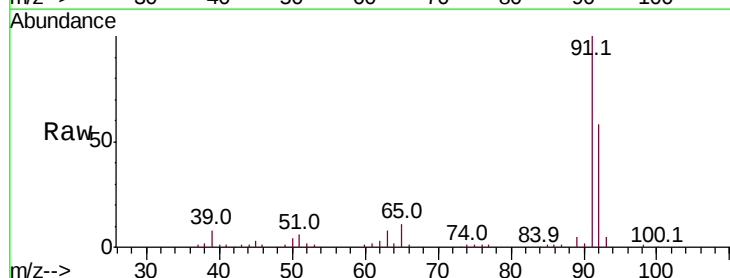
Acq: 8 Dec 2020 23:50

Tgt Ion: 92 Resp: 97760

Ion Ratio Lower Upper

92 100

91 174.1 139.1 208.7



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

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

10.12

100000

80000

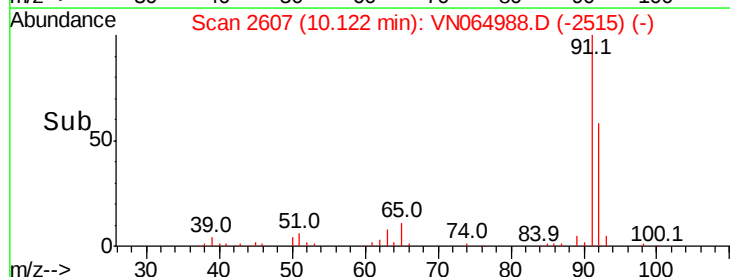
60000

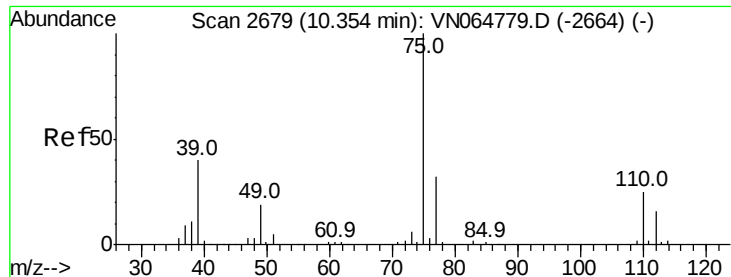
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.651 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

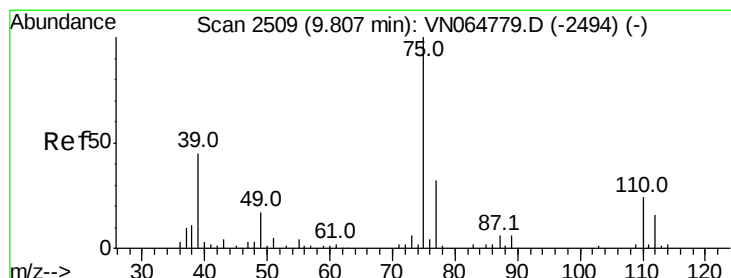
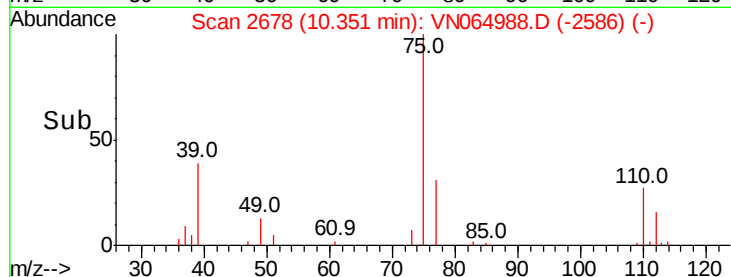
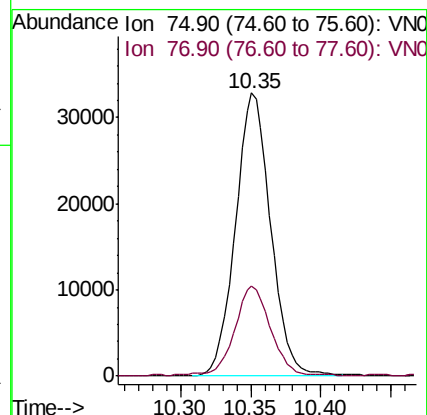
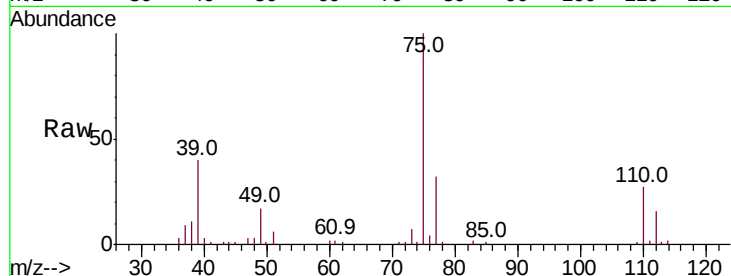
VN1208WBSD02

Tot Ion: 75 Resp: 57483

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 17.830 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

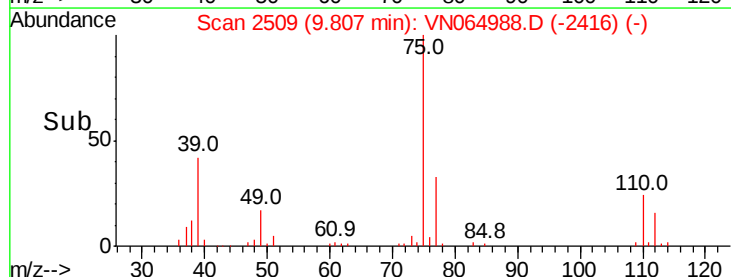
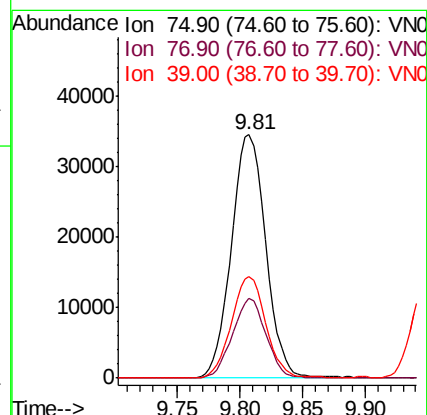
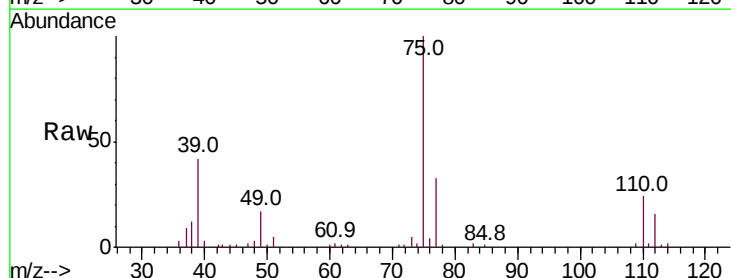
Tgt Ion: 75 Resp: 65977

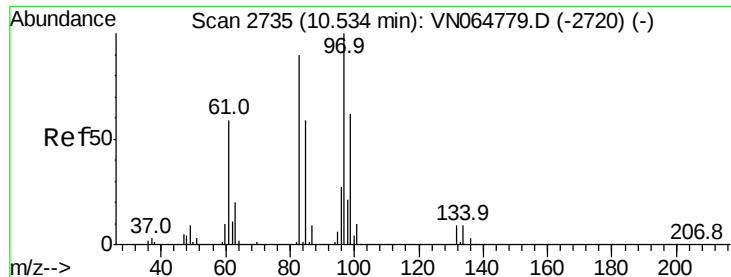
Ion Ratio Lower Upper

75 100

77 32.8 25.5 38.3

39 41.8 35.6 53.4



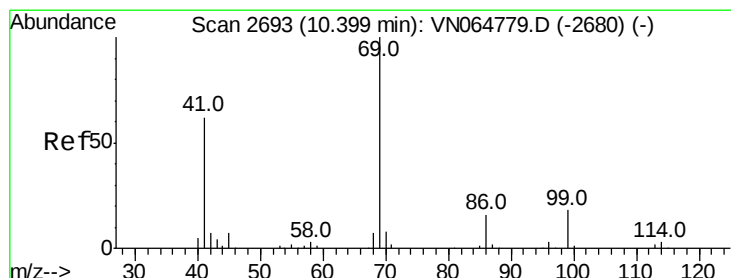
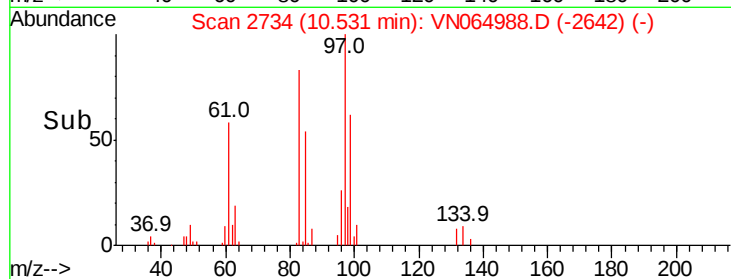
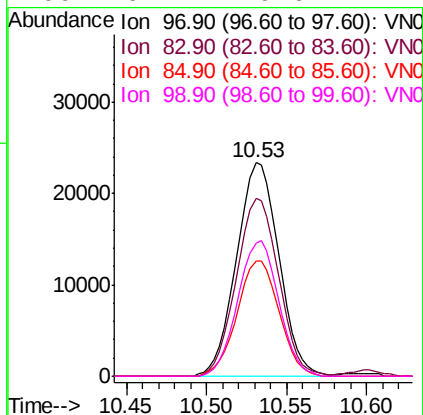
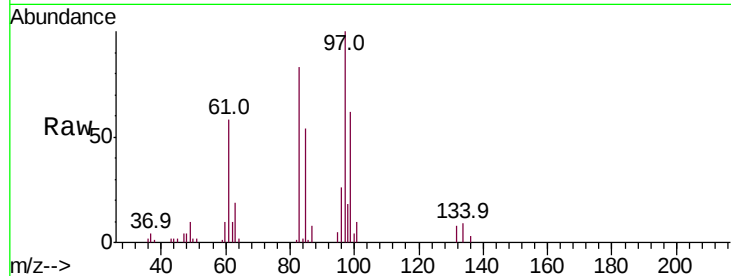


#55
 1,1,2-Trichloroethane
 Concen: 18.788 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Tot Ion: 97 Resp: 42363

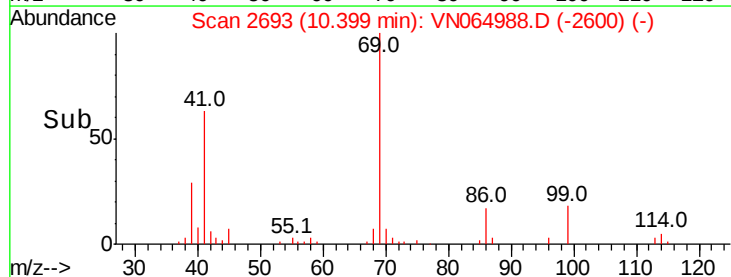
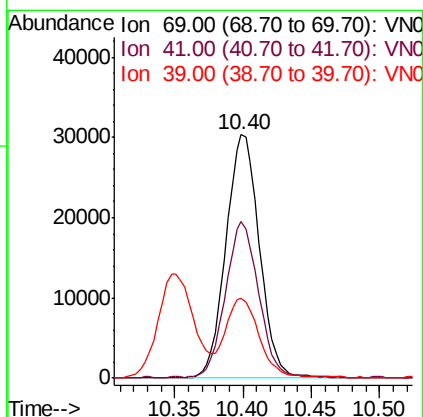
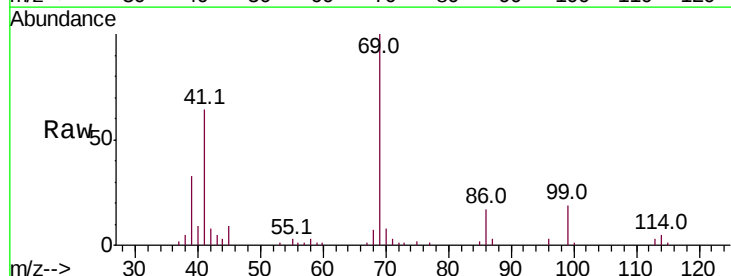
Ion	Ratio	Lower	Upper
97	100		
83	83.1	72.1	108.1
85	54.1	46.8	70.2
99	62.4	49.6	74.4

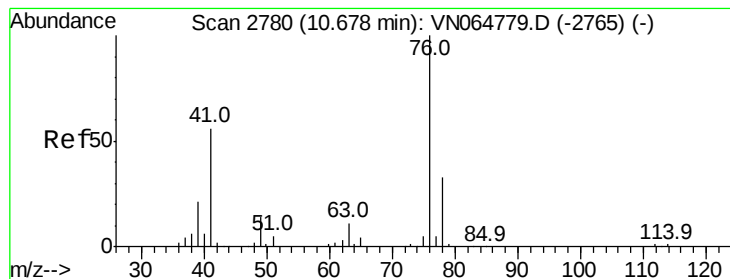


#56
 Ethyl methacrylate
 Concen: 16.638 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion: 69 Resp: 51770

Ion	Ratio	Lower	Upper
69	100		
41	64.1	49.4	74.0
39	33.8	25.9	38.9





#57

1,3-Dichloropropane

Concen: 17.943 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

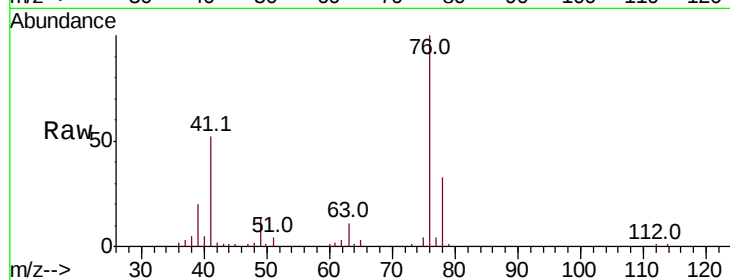
VN1208WBSD02

Tot Ion: 76 Resp: 66740

Ion Ratio Lower Upper

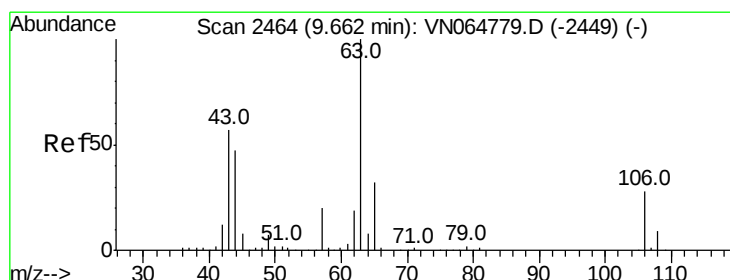
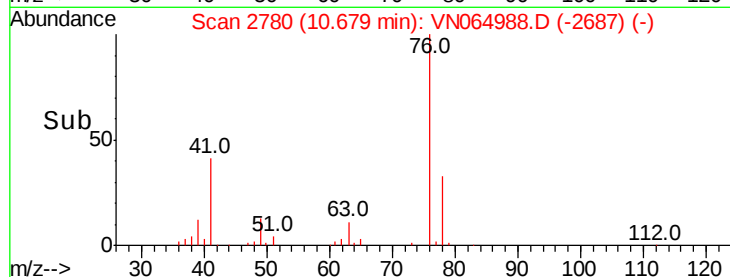
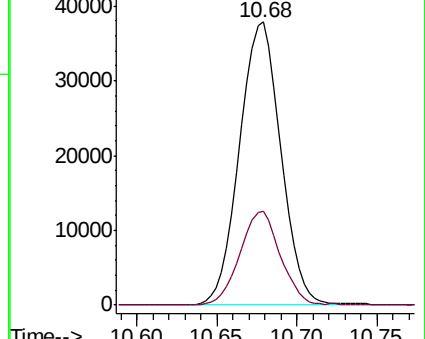
76 100

78 32.3 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 81.808 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064988.D

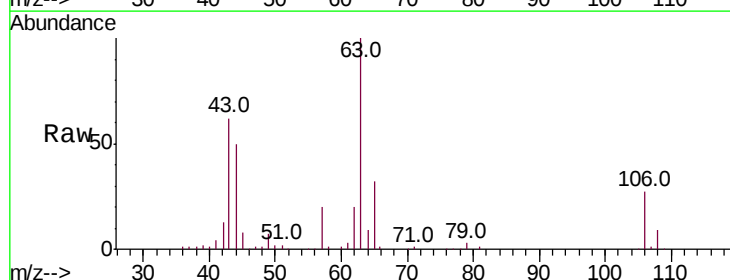
Acq: 8 Dec 2020 23:50

Tgt Ion: 63 Resp: 140020

Ion Ratio Lower Upper

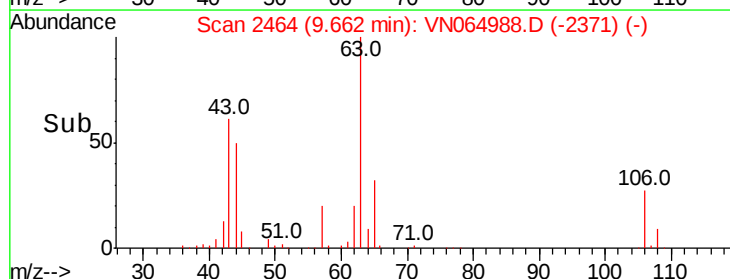
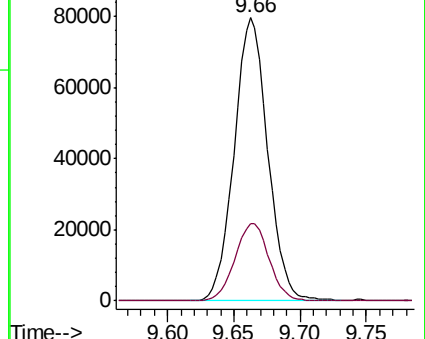
63 100

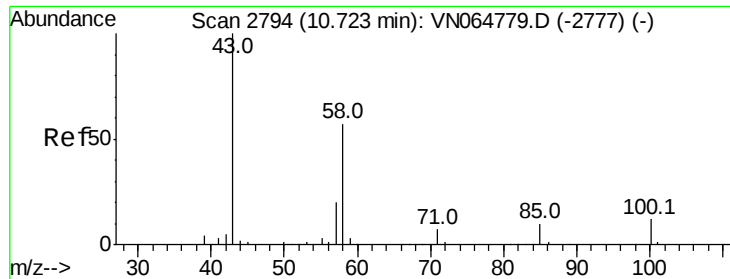
106 27.8 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

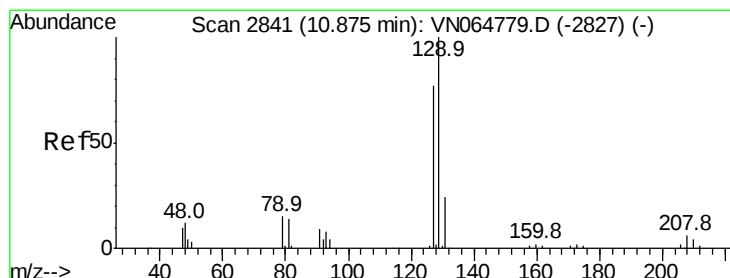
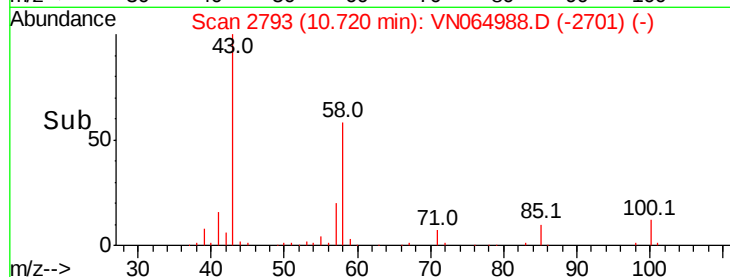
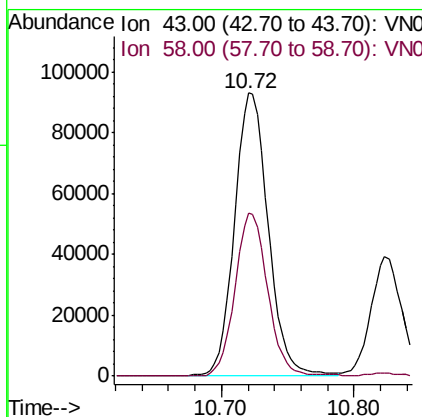
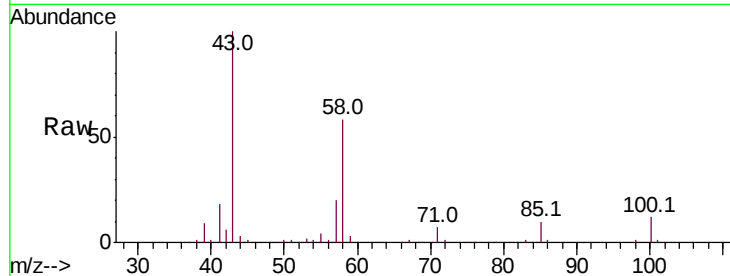




#59
2-Hexanone
Concen: 83.624 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

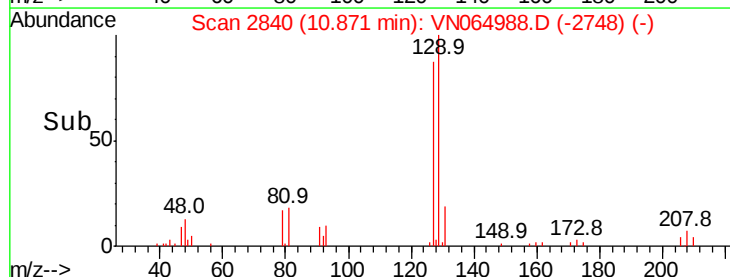
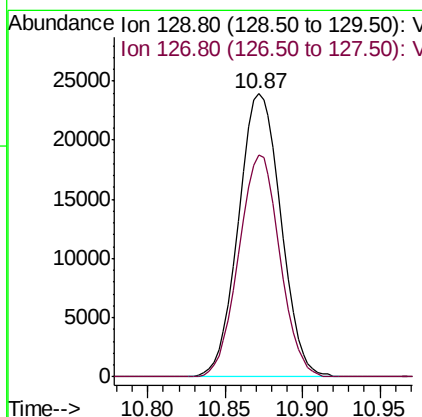
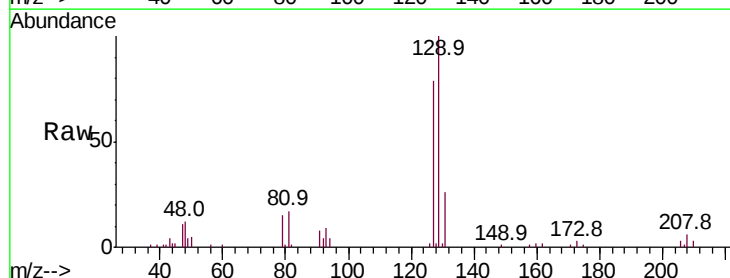
Instrument :
MSVOA_N
ClientSampled :
VN1208WBSD02

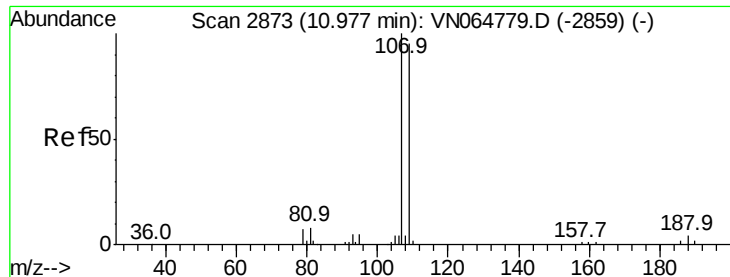
Tot Ion: 43 Resp: 162723
Ion Ratio Lower Upper
43 100
58 56.2 28.3 84.9



#60
Dibromochloromethane
Concen: 18.230 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 129 Resp: 45691
Ion Ratio Lower Upper
129 100
127 75.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.868 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

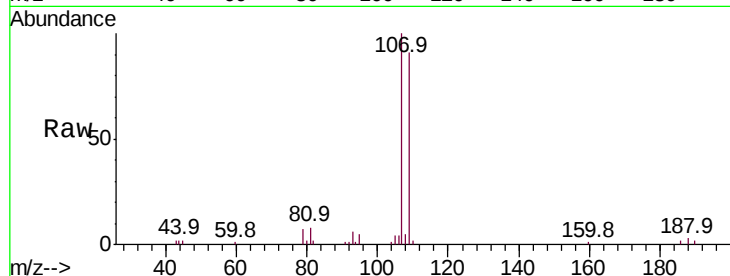
VN1208WBSD02

Tot Ion:107 Resp: 40932

Ion Ratio Lower Upper

107 100

109 94.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

25000

20000

15000

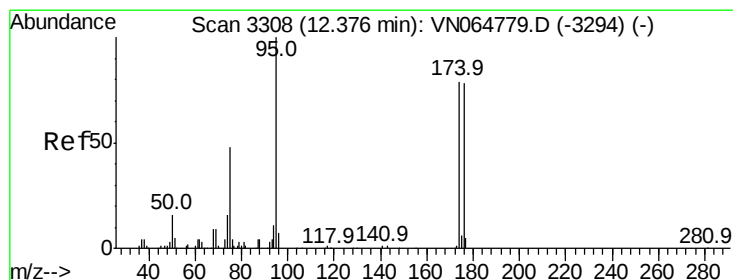
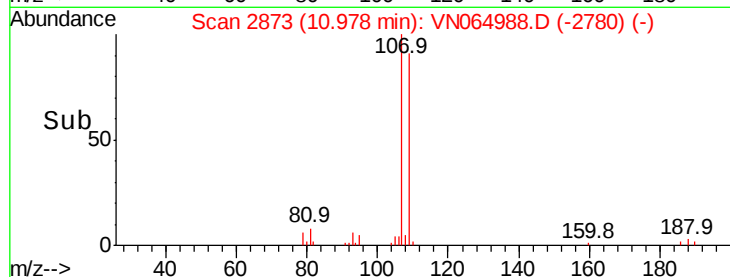
10000

5000

0

Time-->

10.90 10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 45.827 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

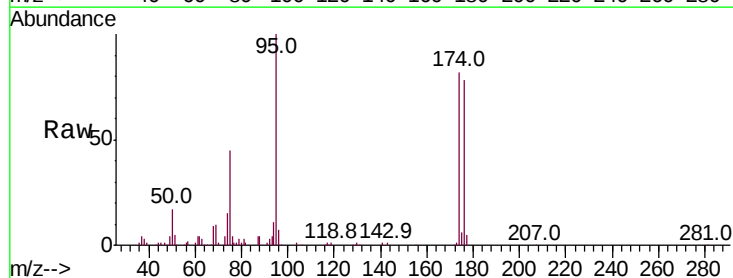
Tgt Ion: 95 Resp: 125698

Ion Ratio Lower Upper

95 100

174 82.9 0.0 160.4

176 80.1 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

100000

80000

60000

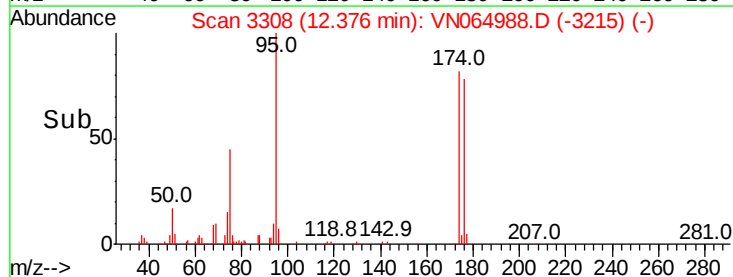
40000

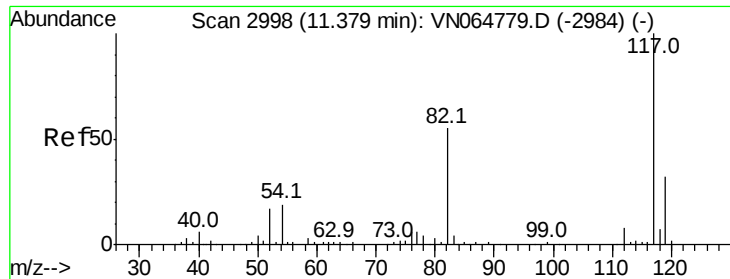
20000

0

Time-->

12.30 12.35 12.40 12.45

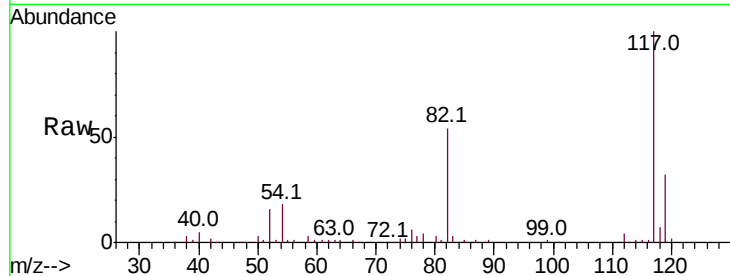




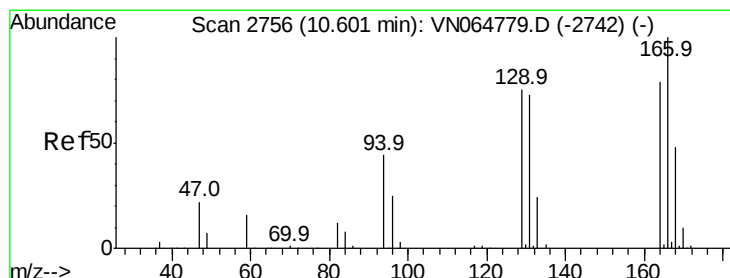
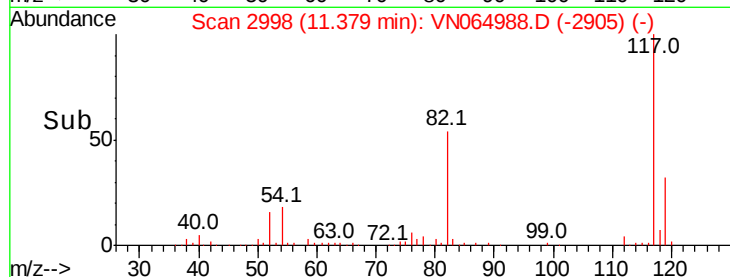
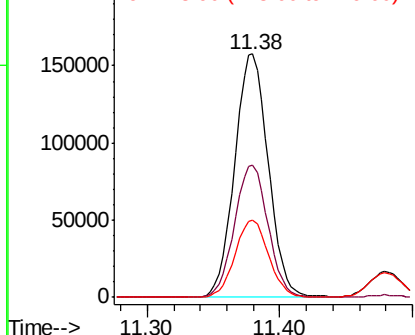
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion:117 Resp: 277002
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 31.5 25.8 38.6

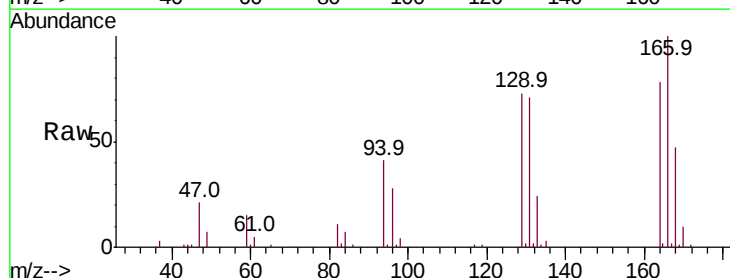


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

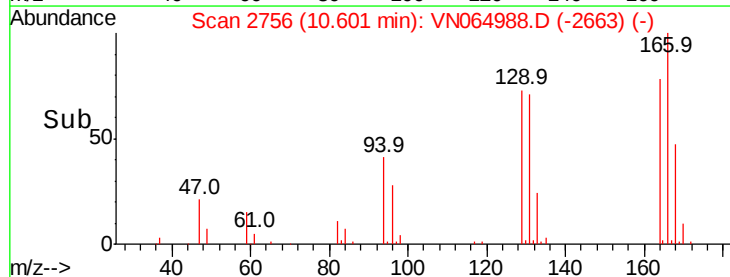
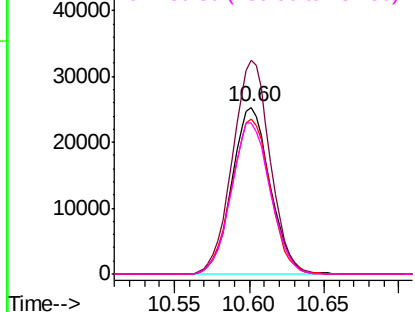


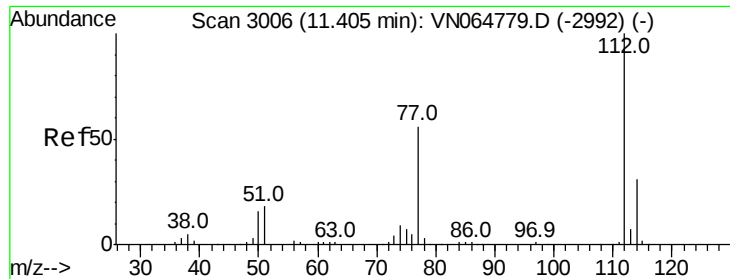
#64
Tetrachloroethene
Concen: 16.634 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion:164 Resp: 44829
Ion Ratio Lower Upper
164 100
166 128.3 101.4 152.0
129 93.4 76.1 114.1
131 90.7 74.2 111.2



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

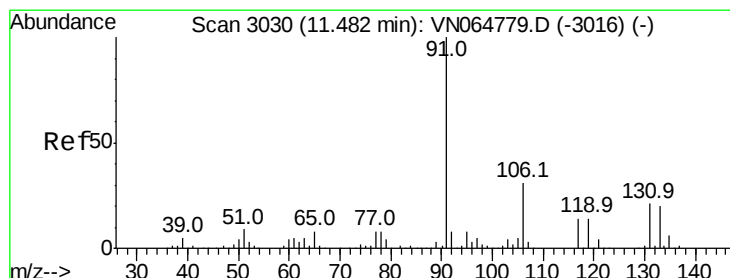
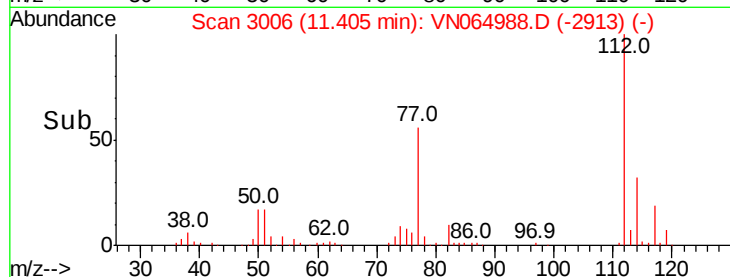
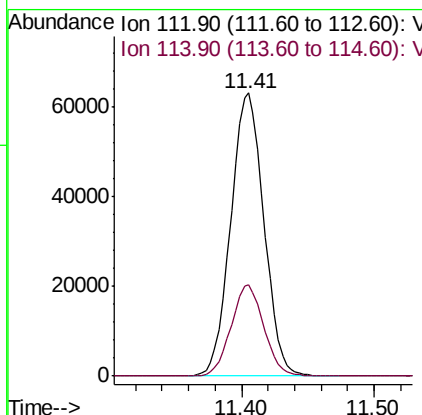
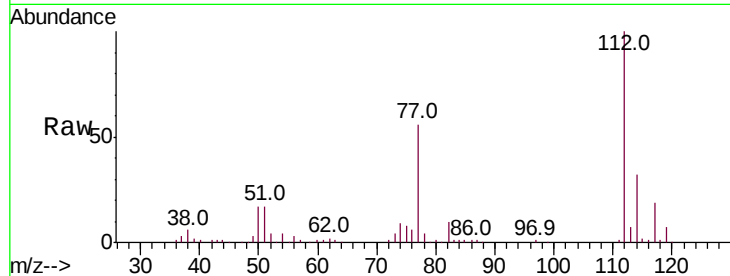




#65
Chlorobenzene
Concen: 18.401 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

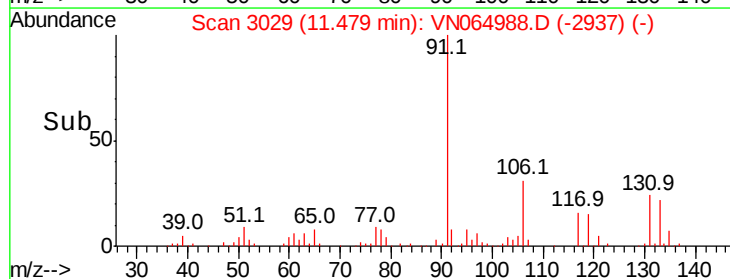
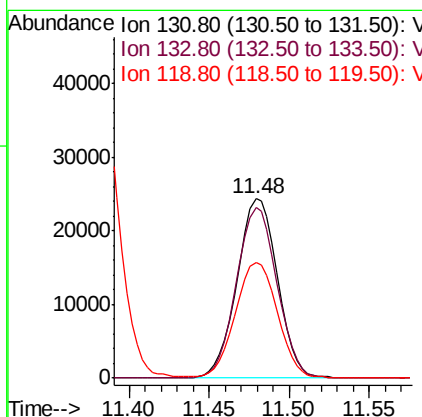
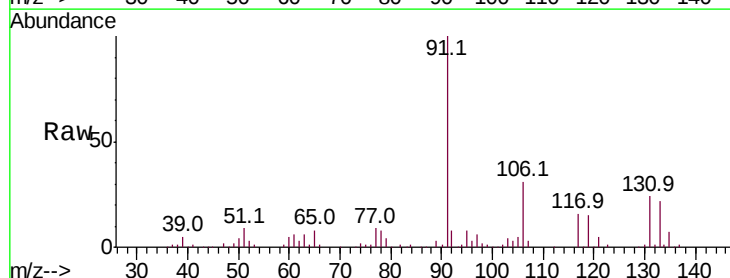
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

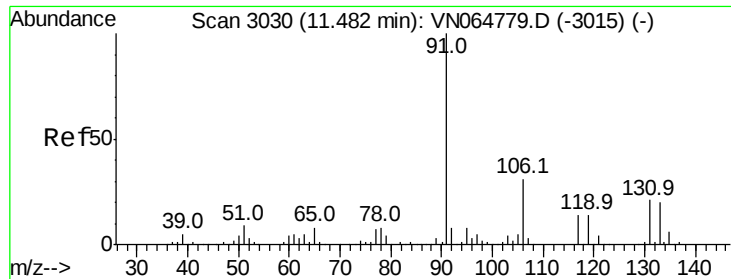
Tot Ion:112 Resp: 109457
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.219 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion:131 Resp: 42014
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 67.4 33.3 99.8

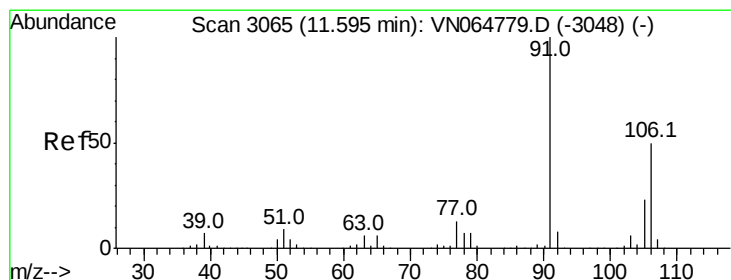
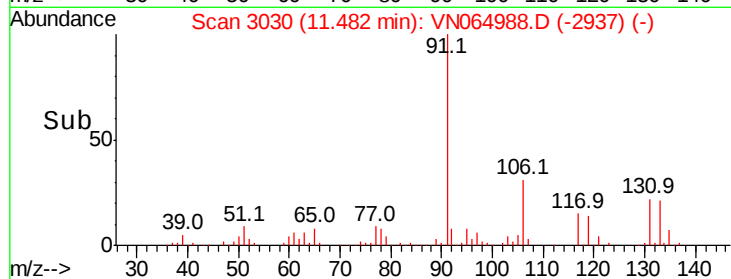
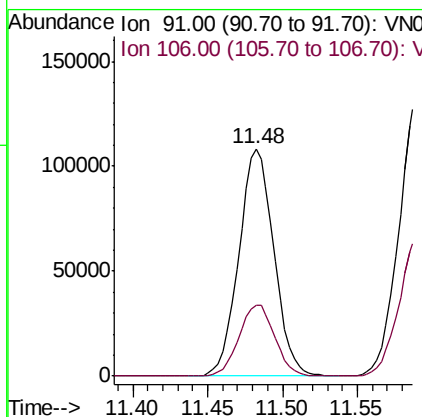
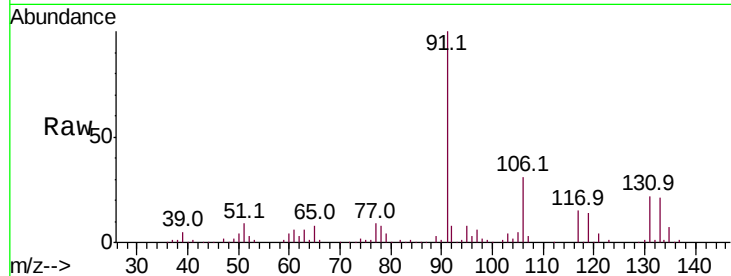




#67
Ethyl Benzene
Concen: 17.763 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

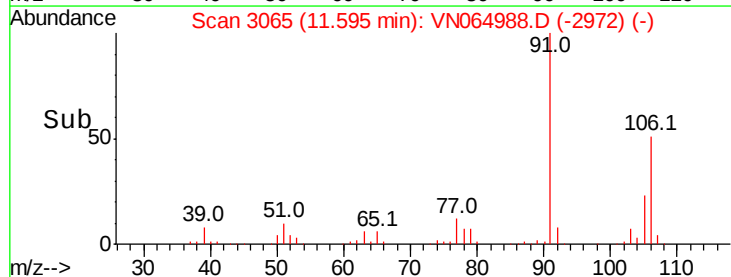
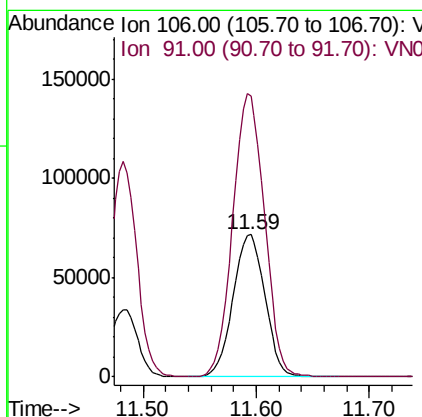
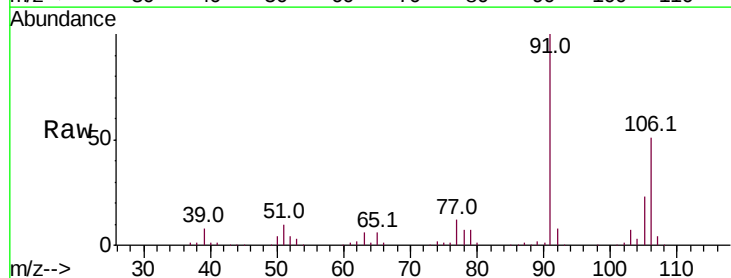
Instrument :
MSVOA_N
ClientSampled :
VN1208WBSD02

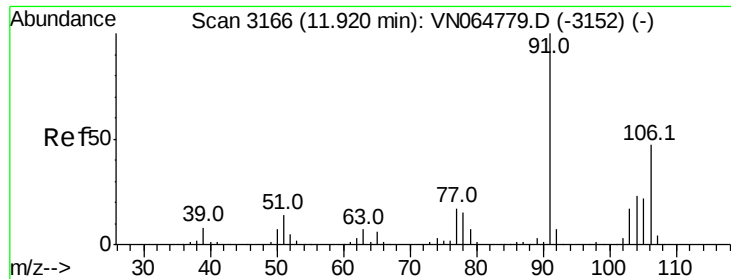
Tot Ion: 91 Resp: 176520
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8



#68
m/p-Xylenes
Concen: 37.517 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 106 Resp: 141154
Ion Ratio Lower Upper
106 100
91 197.0 161.0 241.4

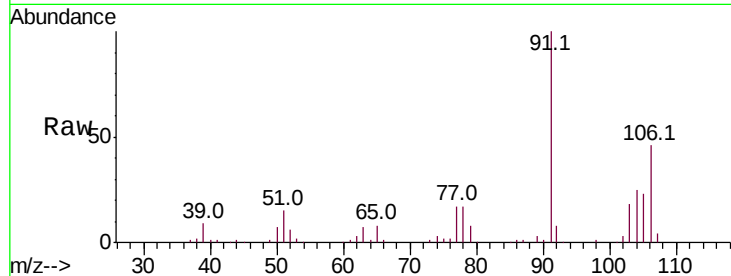




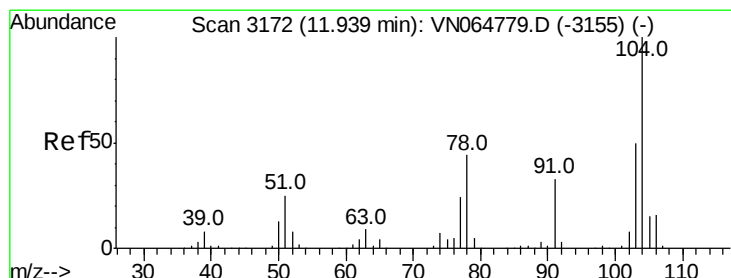
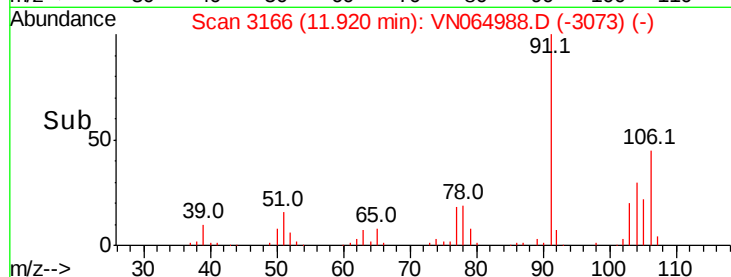
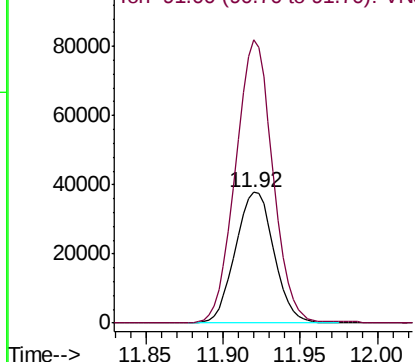
#69
o-Xylene
Concen: 18.379 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion:106 Resp: 65619
Ion Ratio Lower Upper
106 100
91 209.1 105.5 316.5

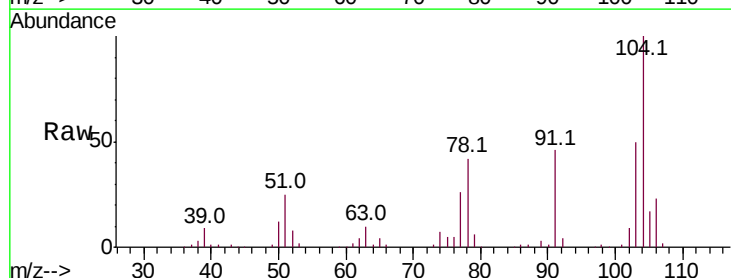


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

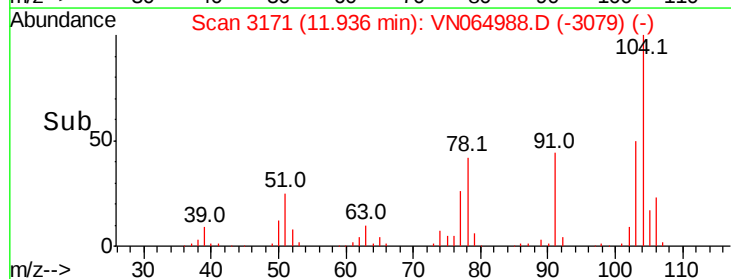
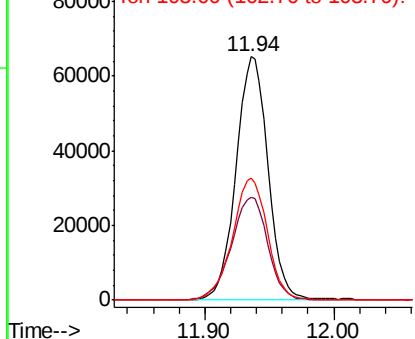


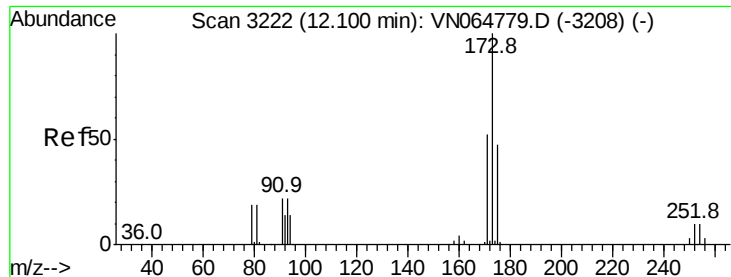
#70
Styrene
Concen: 18.641 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion:104 Resp: 112355
Ion Ratio Lower Upper
104 100
78 47.9 39.0 58.6
103 54.6 44.3 66.5



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





#71

Bromoform

Concen: 18.299 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

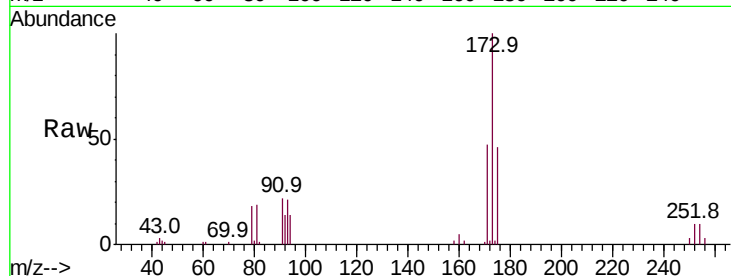
Tot Ion:173 Resp: 31951

Ion Ratio Lower Upper

173 100

175 46.9 24.3 72.8

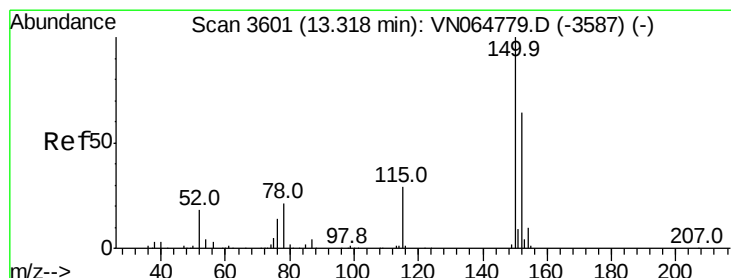
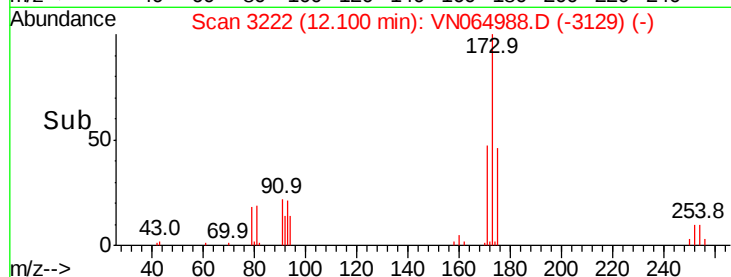
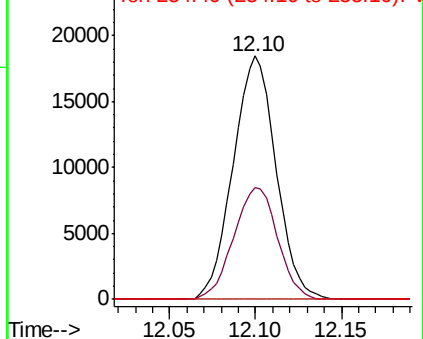
254 0.0 0.0 0.0



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: VN064988.D

Acq: 8 Dec 2020 23:50

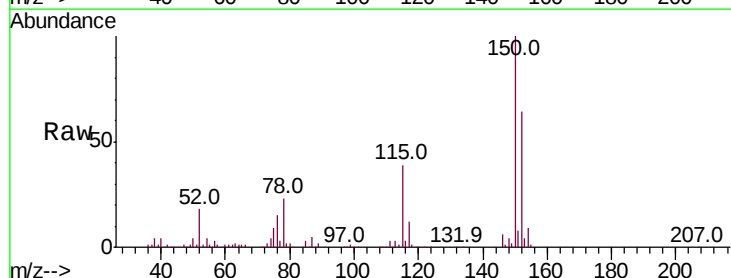
Tgt Ion:152 Resp: 130338

Ion Ratio Lower Upper

152 100

115 60.6 29.7 89.1

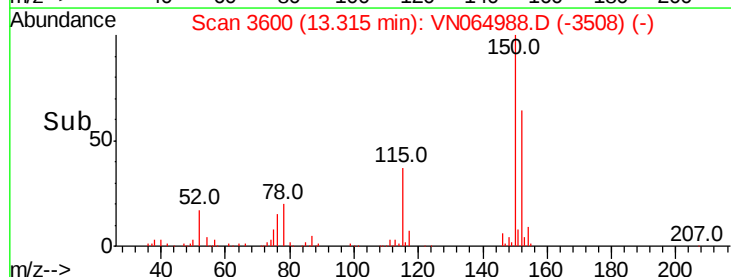
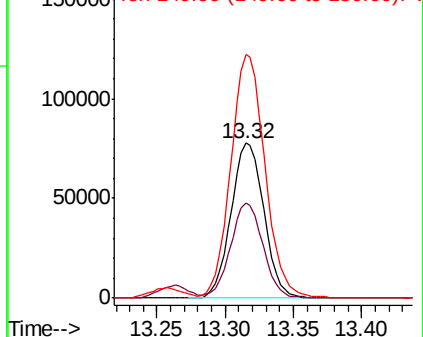
150 162.3 0.0 350.6

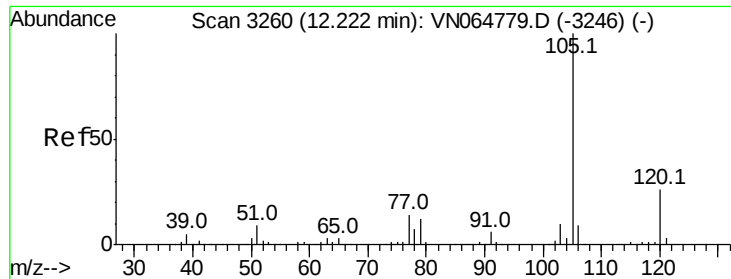


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.074 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

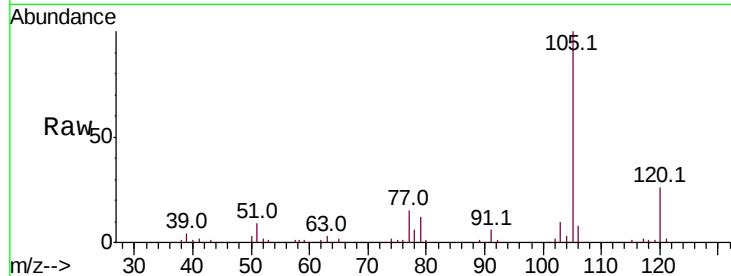
VN1208WBSD02

Tot Ion:105 Resp: 172926

Ion Ratio Lower Upper

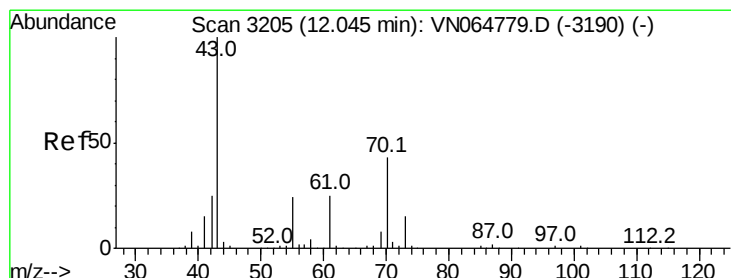
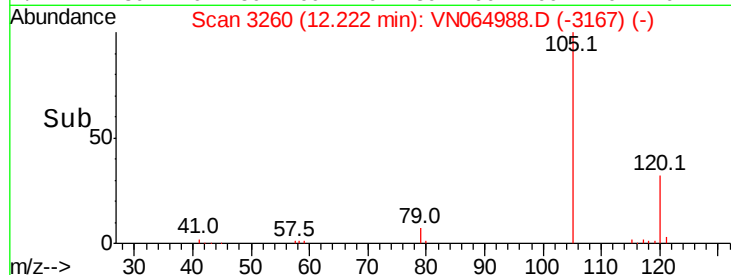
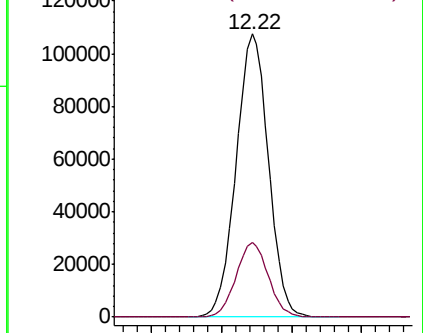
105 100

120 26.3 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: 17.284 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Tgt Ion: 43 Resp: 61665

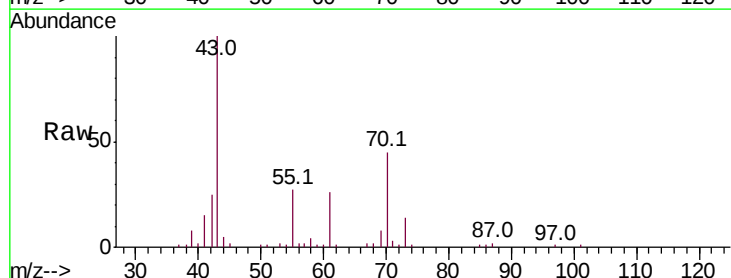
Ion Ratio Lower Upper

43 100

70 45.1 34.5 51.7

55 28.0 20.4 30.6

61 26.1 20.0 30.0

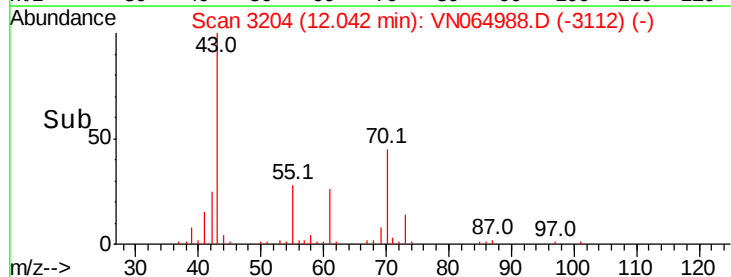
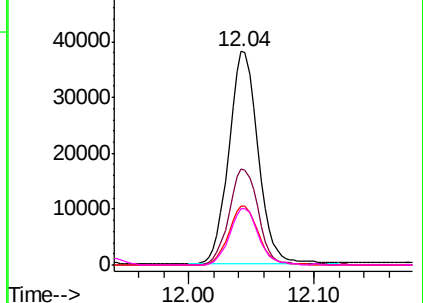


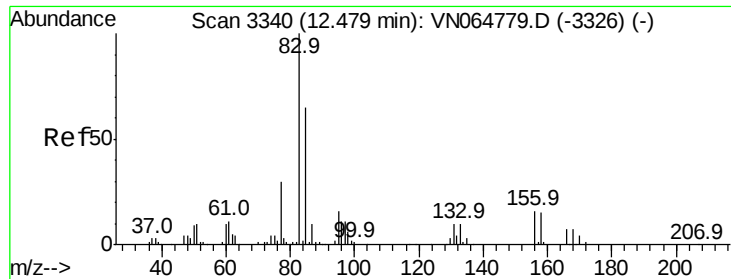
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 20.084 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

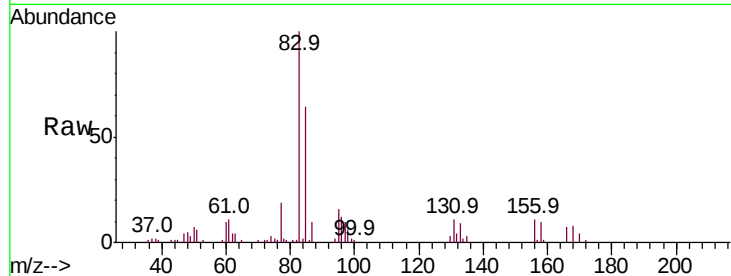
Tot Ion: 83 Resp: 53367

Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.1	15.3
85	64.5	33.0	99.0

83 100

131 10.7 5.1 15.3

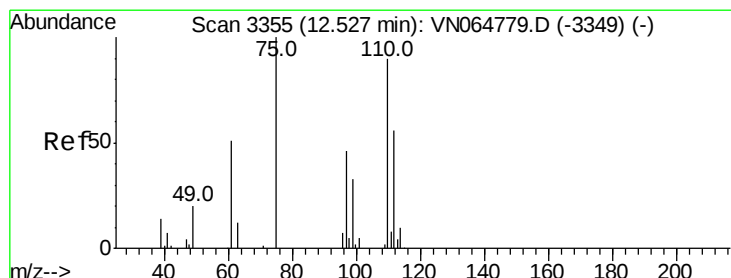
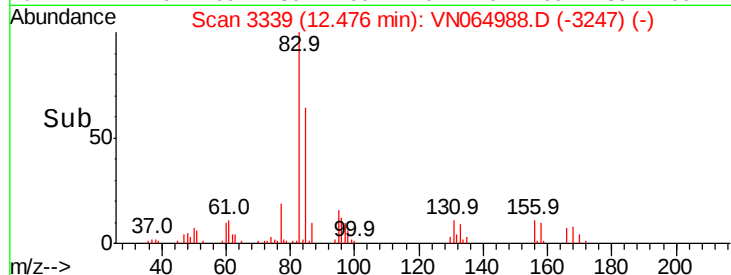
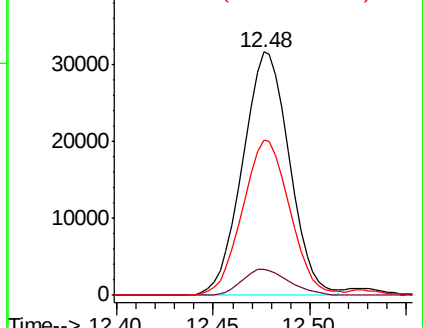
85 64.5 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 24.988 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064988.D

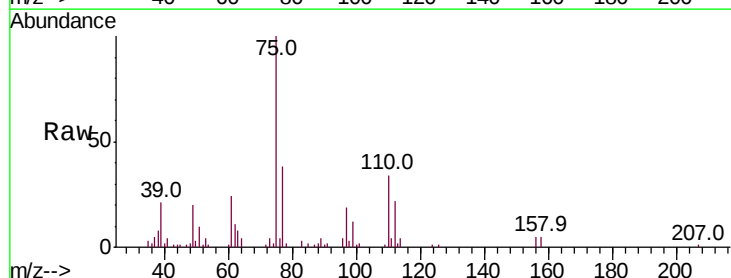
Acq: 8 Dec 2020 23:50

Tgt Ion: 75 Resp: 70141

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

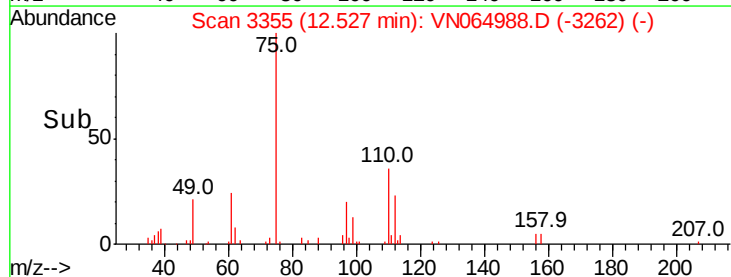
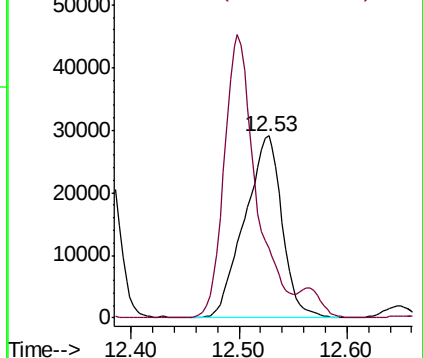
75 100

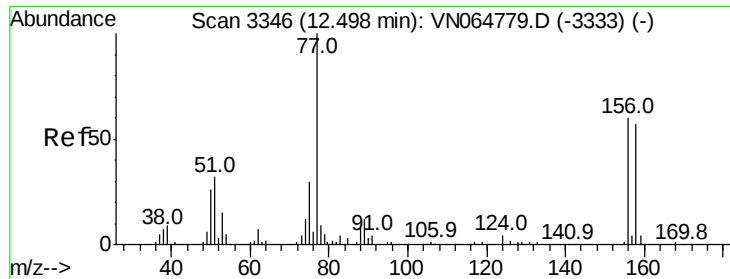
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 18.847 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

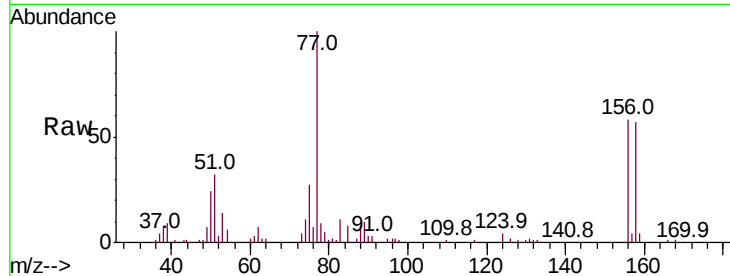
Tot Ion:156 Resp: 46066

Ion Ratio Lower Upper

156 100

77 201.9 101.3 303.7

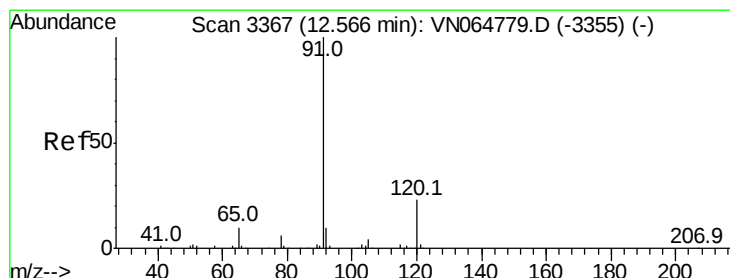
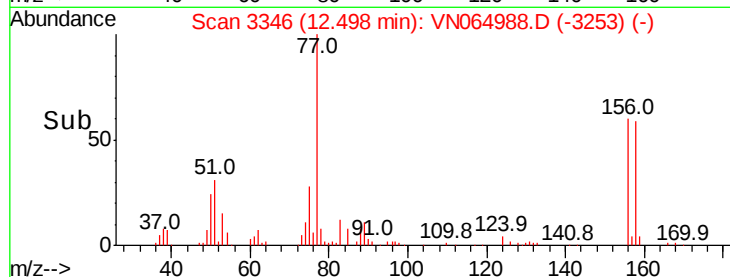
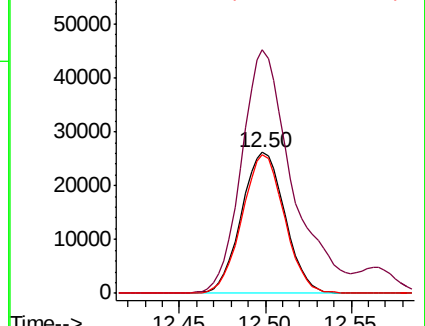
158 95.7 48.2 144.6



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: 18.626 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064988.D

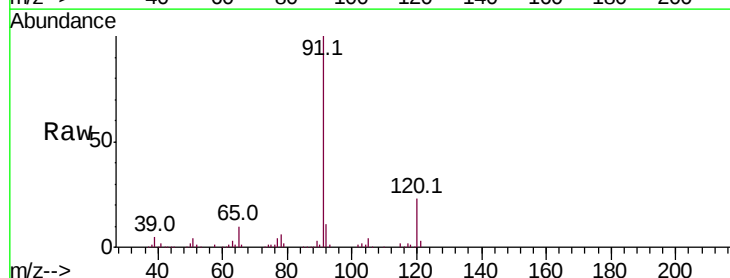
Acq: 8 Dec 2020 23:50

Tgt Ion: 91 Resp: 192367

Ion Ratio Lower Upper

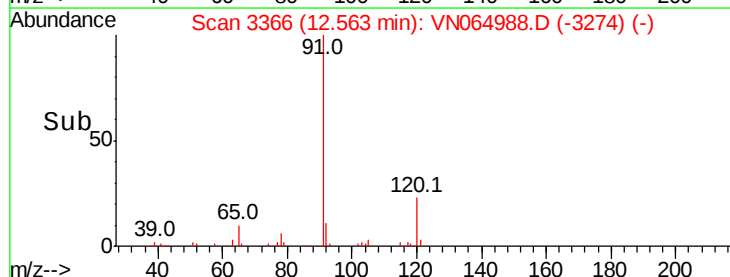
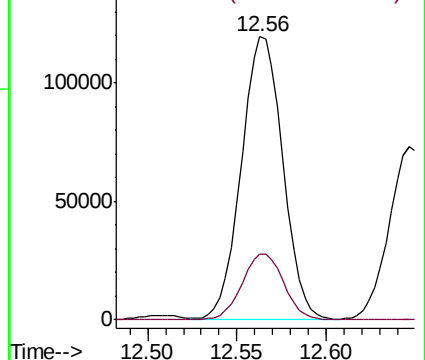
91 100

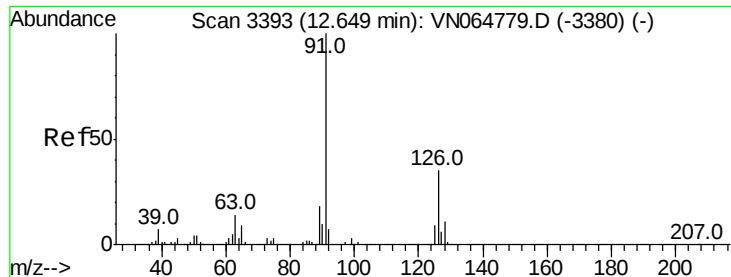
120 23.6 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.866 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

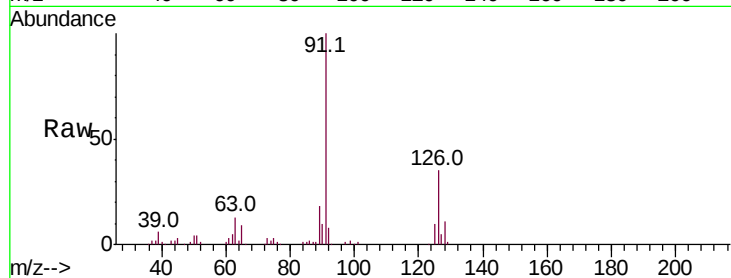
VN1208WBSD02

Tot Ion: 91 Resp: 120444

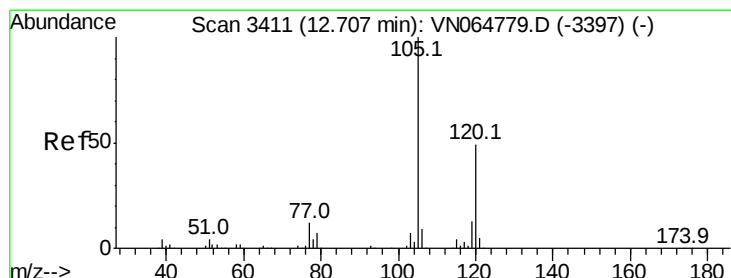
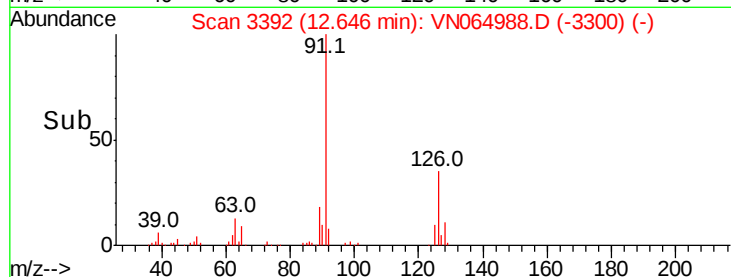
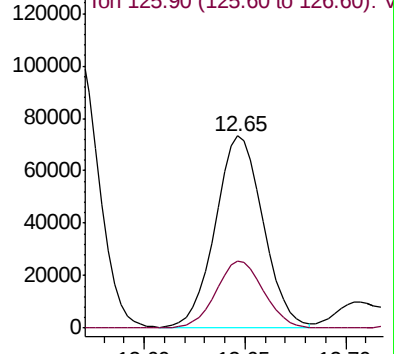
Ion Ratio Lower Upper

91 100

126 35.4 17.2 51.6



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



#80

1,3,5-Trimethylbenzene

Concen: 19.477 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064988.D

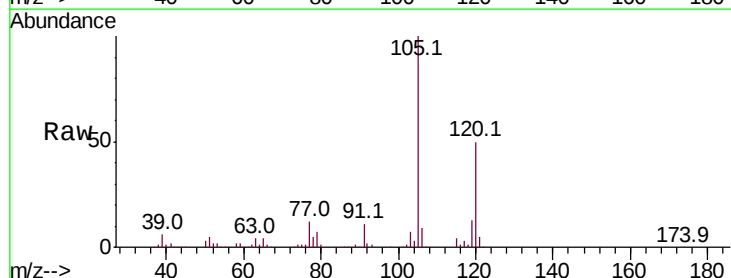
Acq: 8 Dec 2020 23:50

Tgt Ion: 105 Resp: 146770

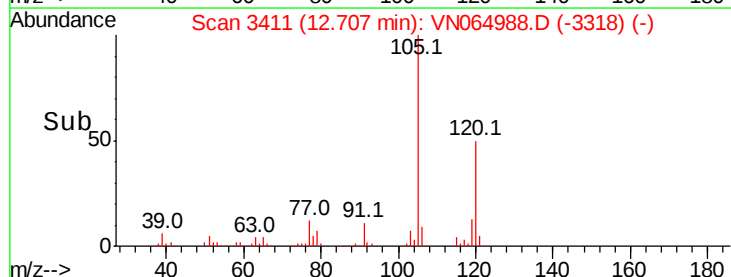
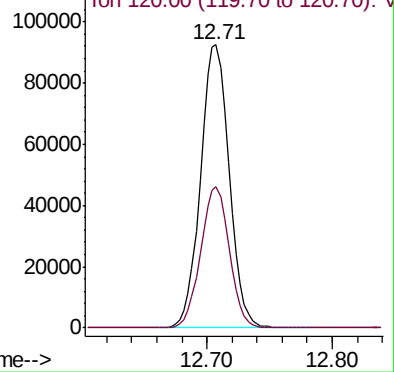
Ion Ratio Lower Upper

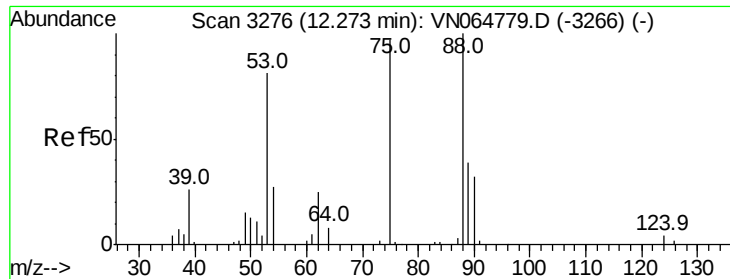
105 100

120 49.6 24.6 73.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 16.302 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampled :

VN1208WBSD02

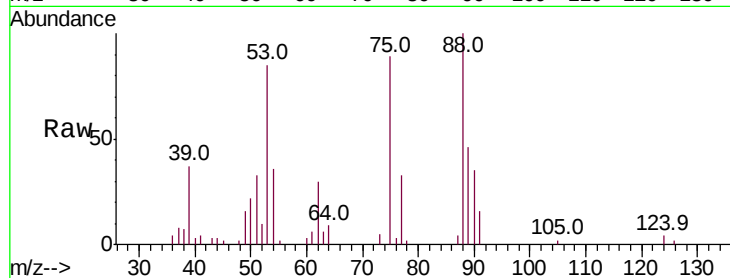
Tot Ion: 75 Resp: 16696

Ion Ratio Lower Upper

75 100

53 88.3 67.0 100.4

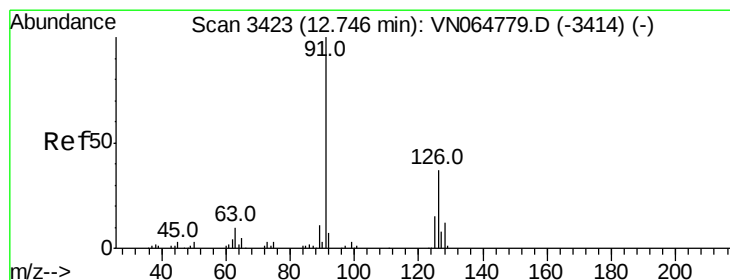
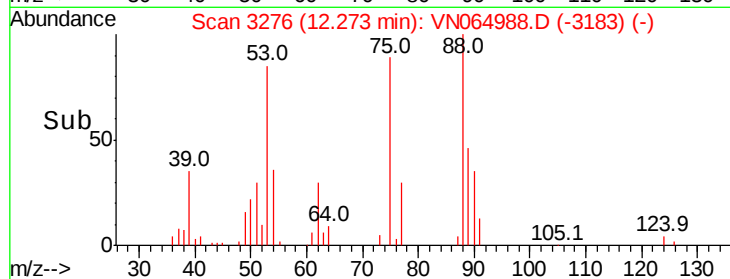
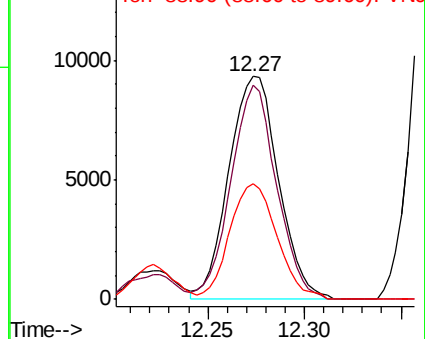
89 49.4 39.6 59.4



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: 18.545 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064988.D

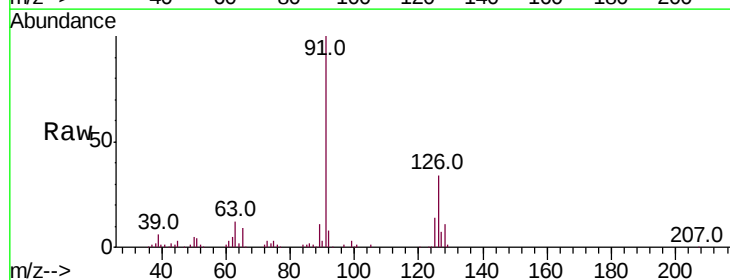
Acq: 8 Dec 2020 23:50

Tgt Ion: 91 Resp: 124098

Ion Ratio Lower Upper

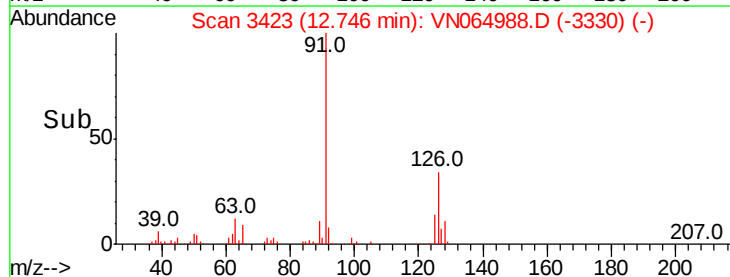
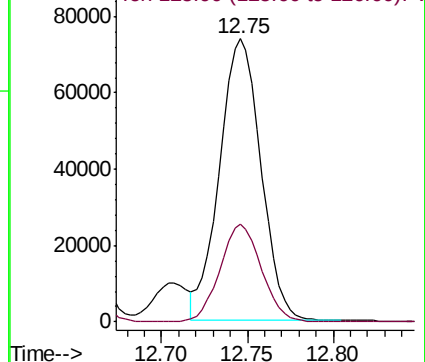
91 100

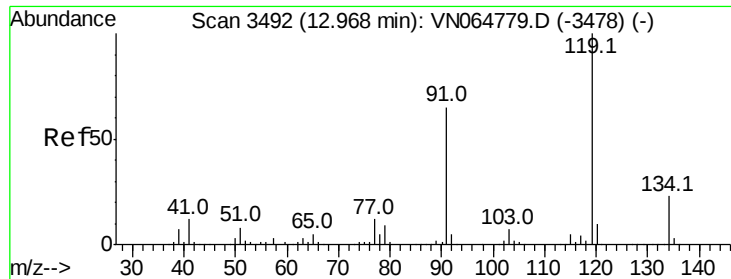
126 34.4 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

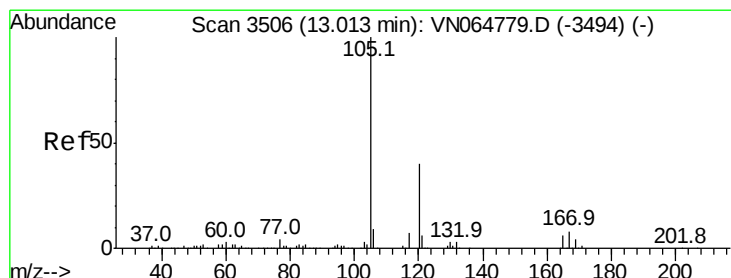
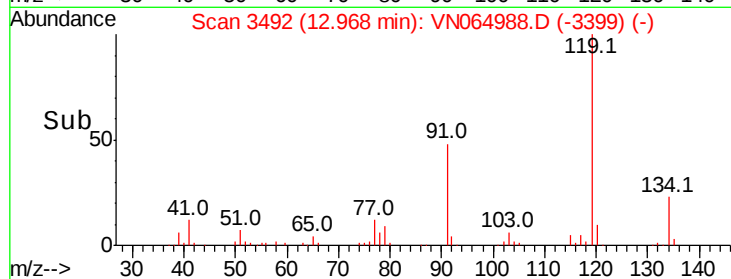
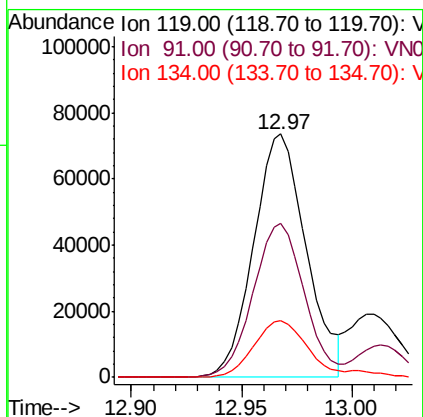
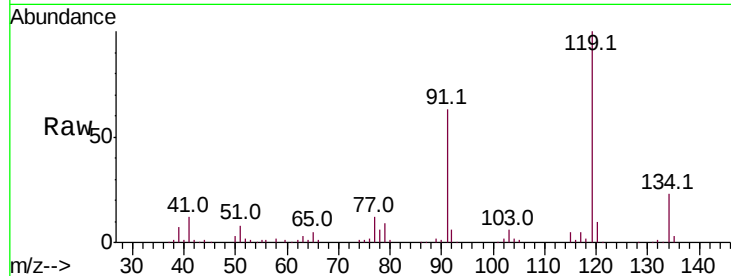




#83
 tert-Butylbenzene
 Concen: 19.269 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

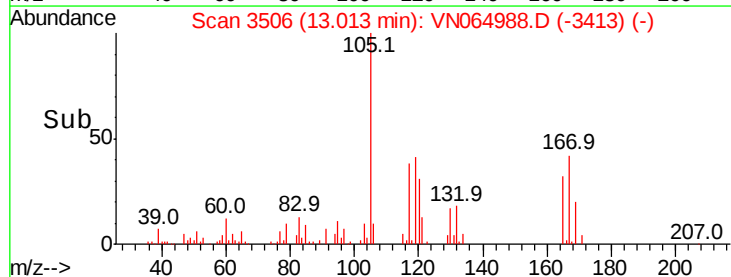
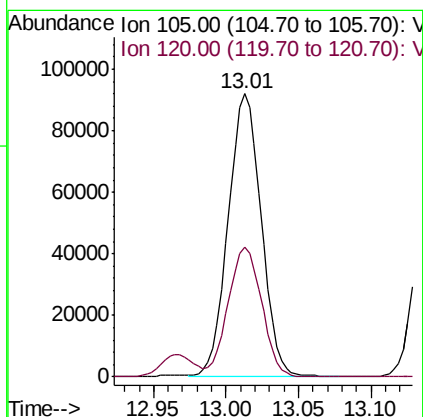
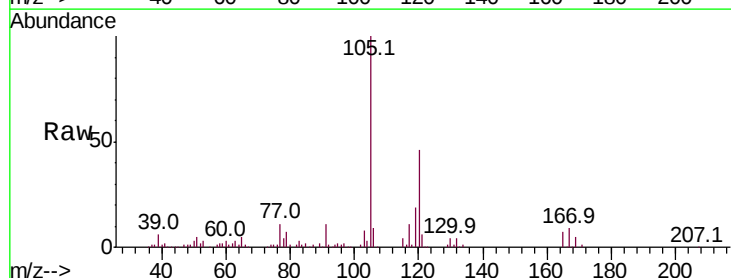
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

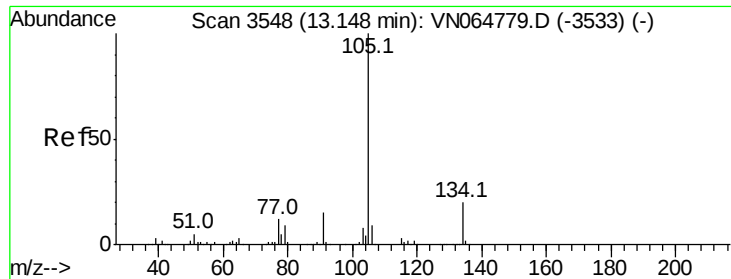
Tot Ion:119 Resp: 121707
 Ion Ratio Lower Upper
 119 100
 91 61.6 32.3 96.8
 134 23.6 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.144 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion:105 Resp: 145854
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.1 69.2





#85

sec-Butylbenzene

Concen: 18.278 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

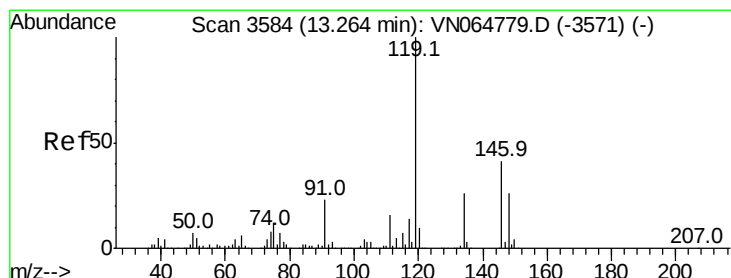
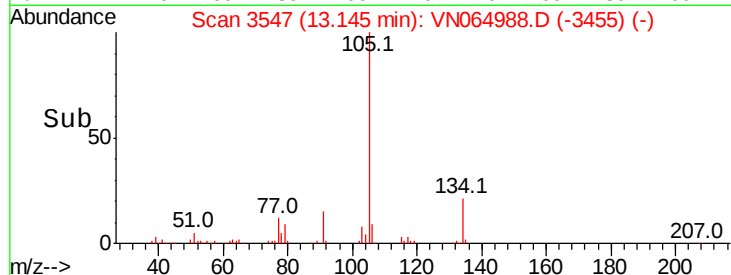
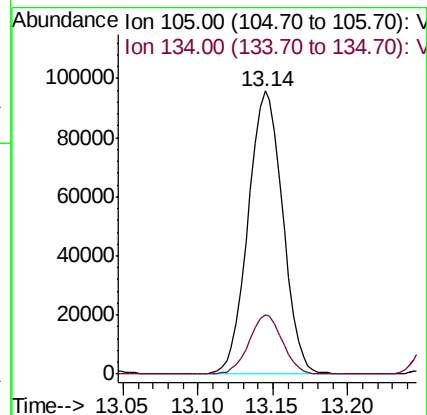
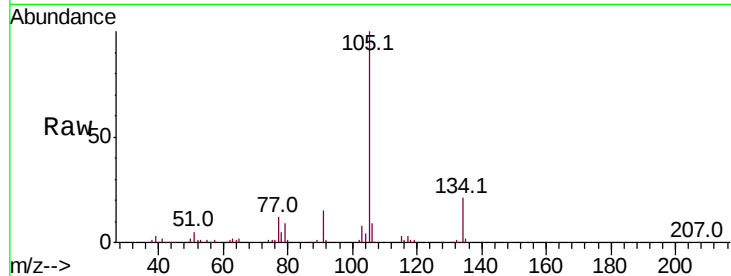
VN1208WBSD02

Tot Ion:105 Resp: 153281

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.143 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

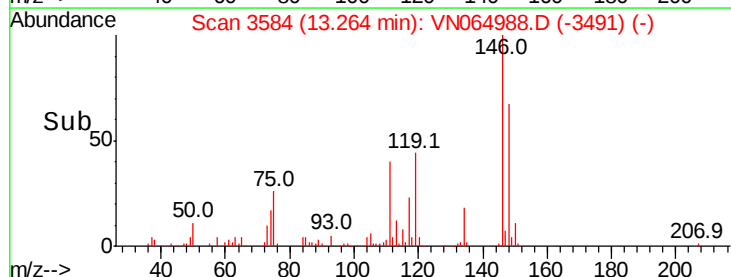
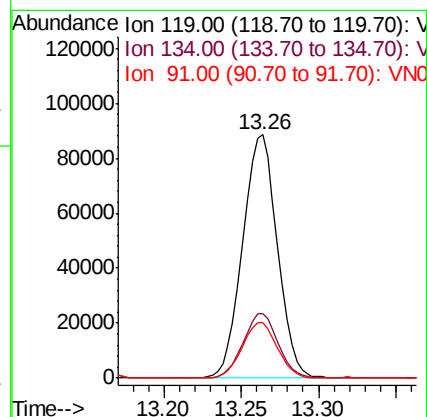
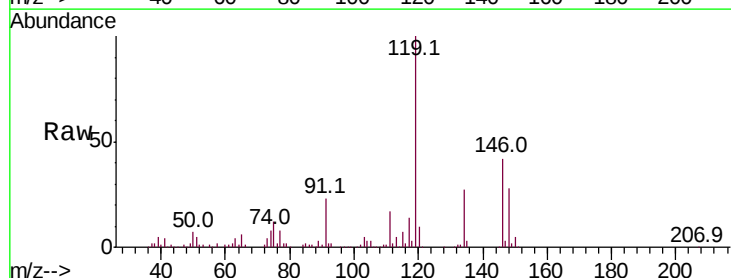
Tgt Ion:119 Resp: 138525

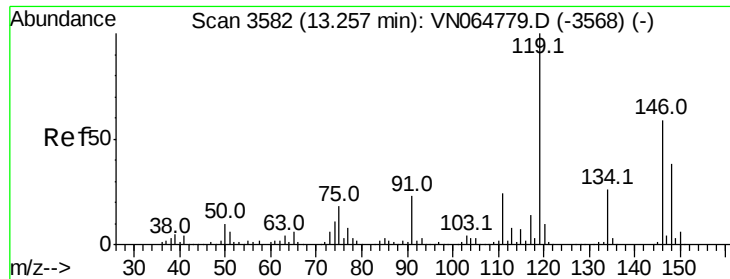
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 23.3 11.5 34.5

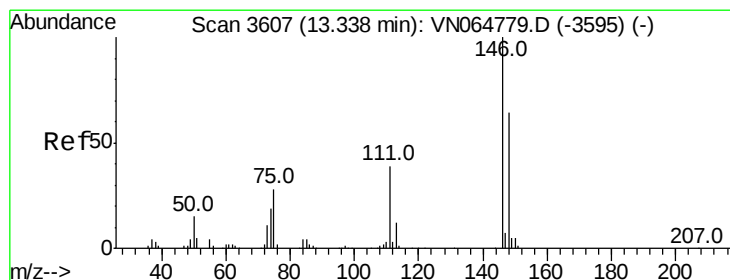
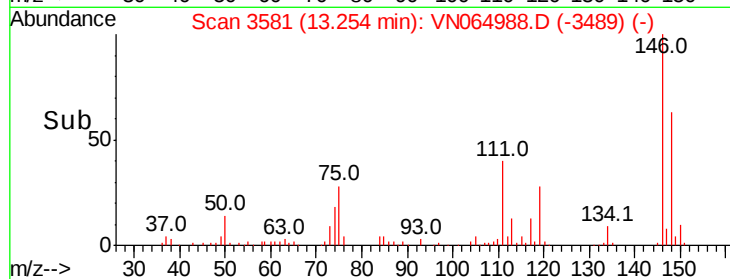
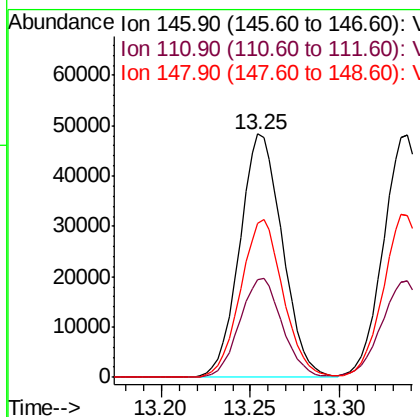
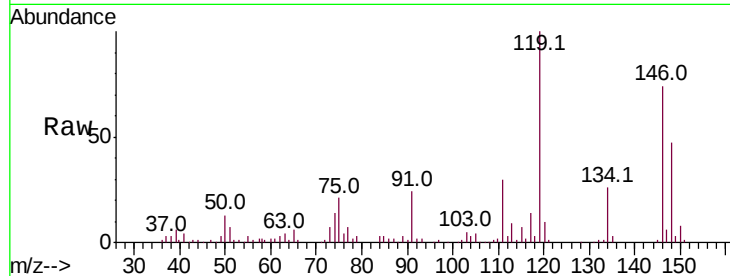




#87
 1,3-Dichlorobenzene
 Concen: 18.634 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

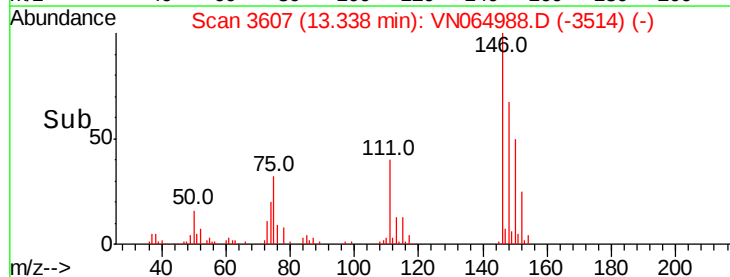
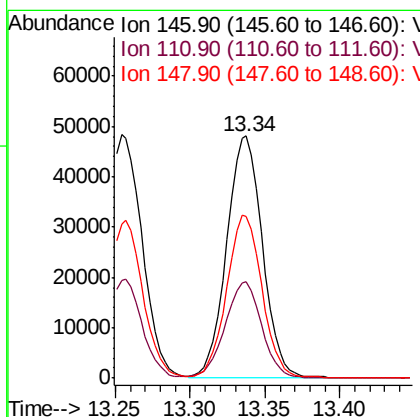
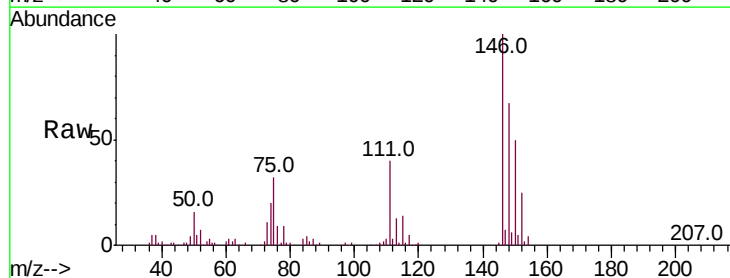
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

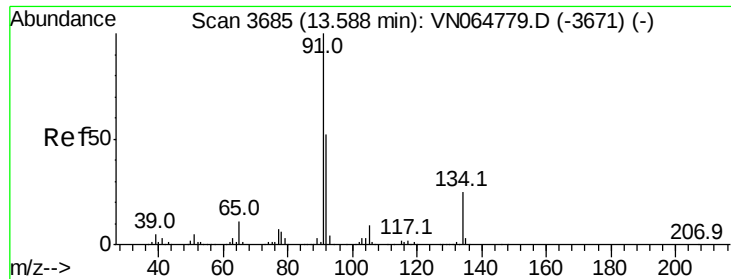
Tot Ion:146 Resp: 80916
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.6 61.9
 148 64.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 17.493 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion:146 Resp: 80335
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.8 59.3
 148 66.6 31.9 95.5

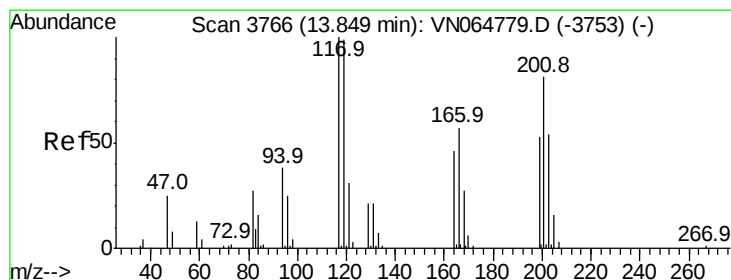
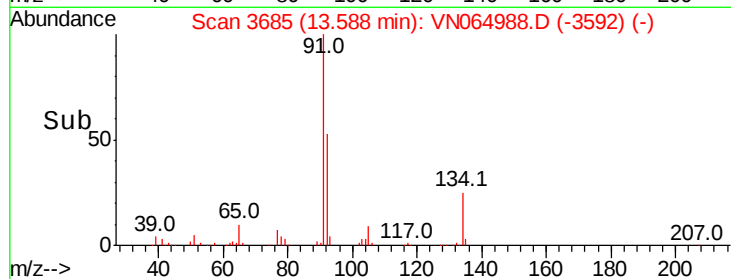
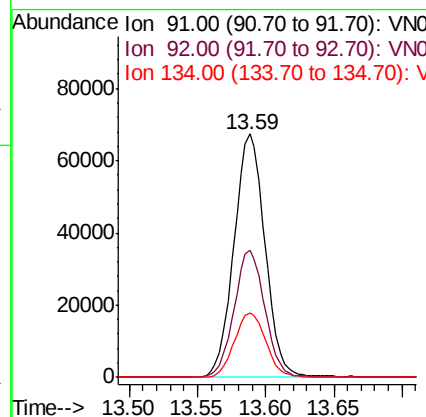
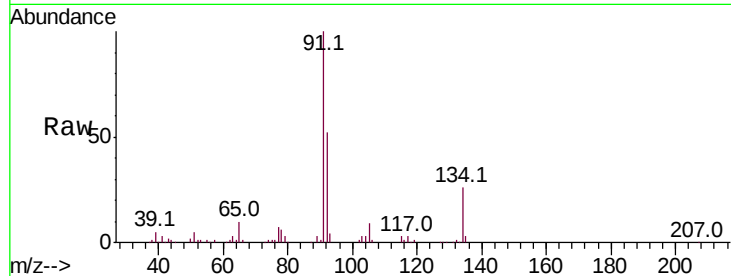




#89
n-Butylbenzene
Concen: 15.912 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

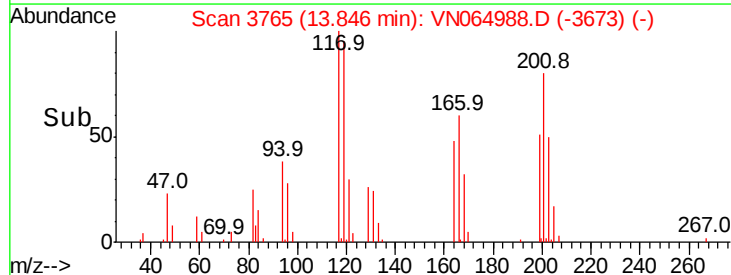
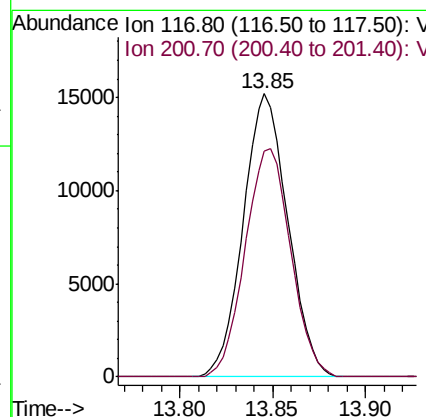
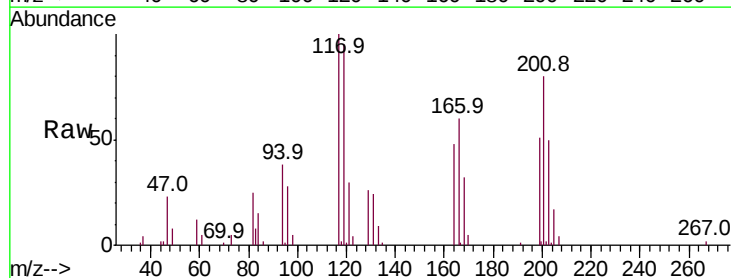
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

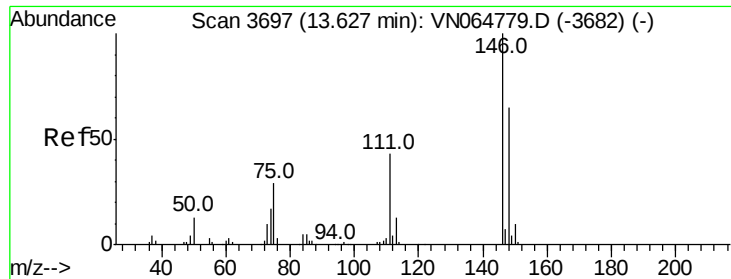
Tot Ion: 91 Resp: 106694
Ion Ratio Lower Upper
91 100
92 51.7 26.0 78.0
134 26.8 12.9 38.6



#90
Hexachloroethane
Concen: 19.144 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 117 Resp: 25392
Ion Ratio Lower Upper
117 100
201 82.2 40.1 120.3





#91

1,2-Dichlorobenzene

Concen: 18.822 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

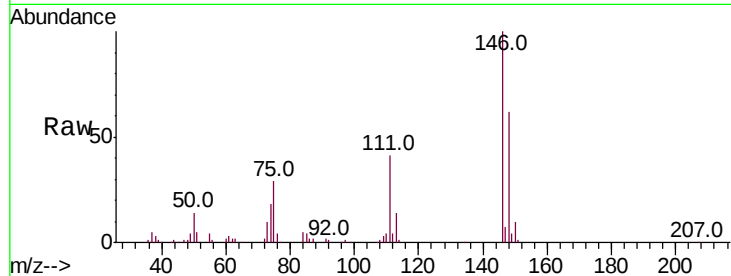
Tot Ion:146 Resp: 80254

Ion Ratio Lower Upper

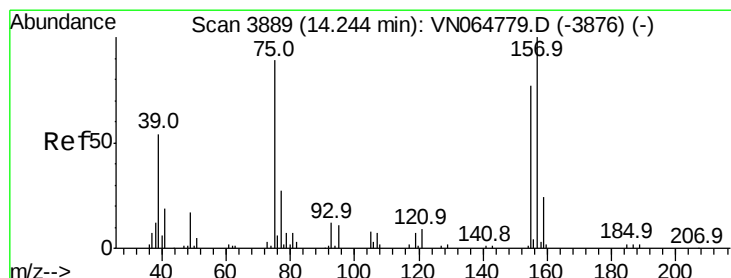
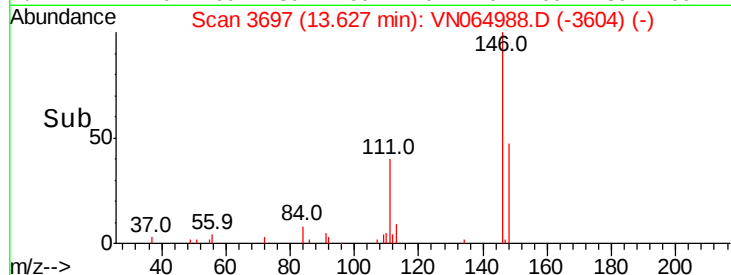
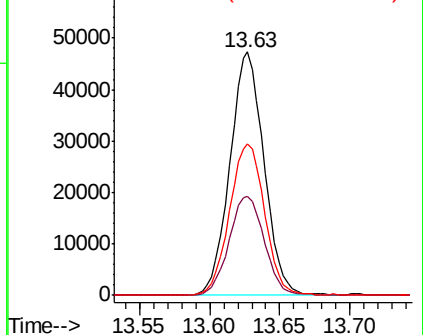
146 100

111 42.0 21.1 63.1

148 63.8 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: 16.454 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

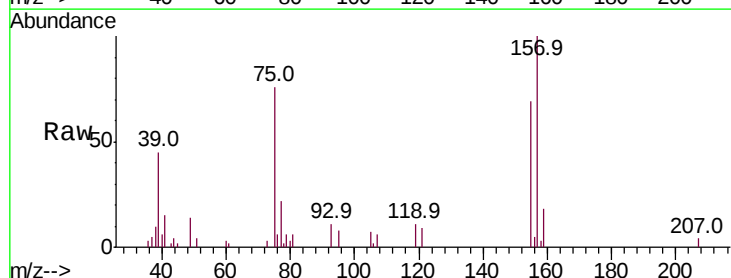
Tgt Ion: 75 Resp: 9838

Ion Ratio Lower Upper

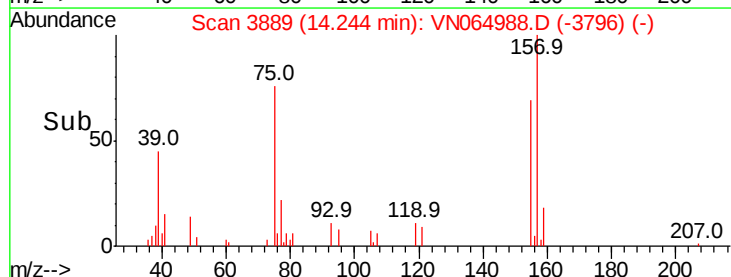
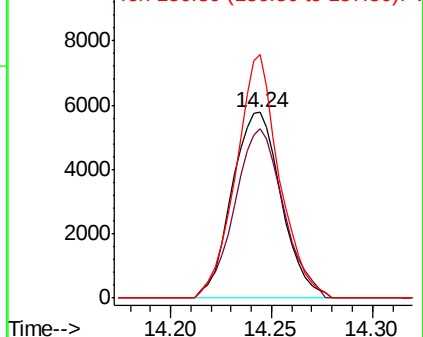
75 100

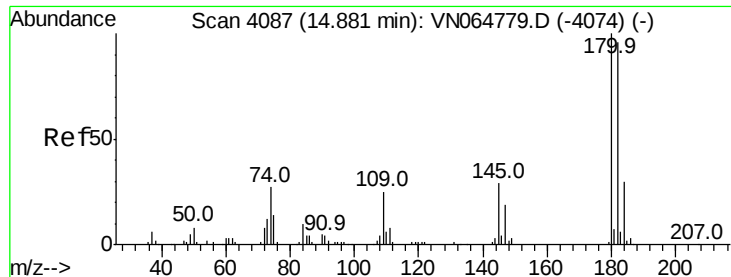
155 90.6 42.8 128.3

157 115.7 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

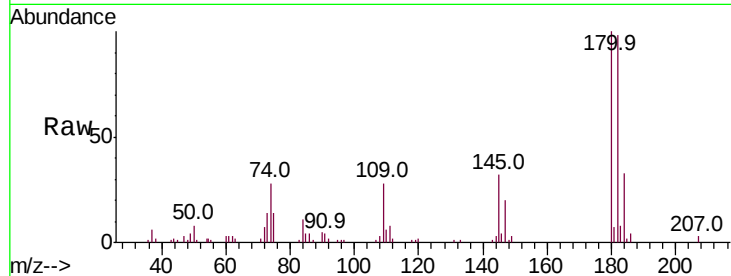




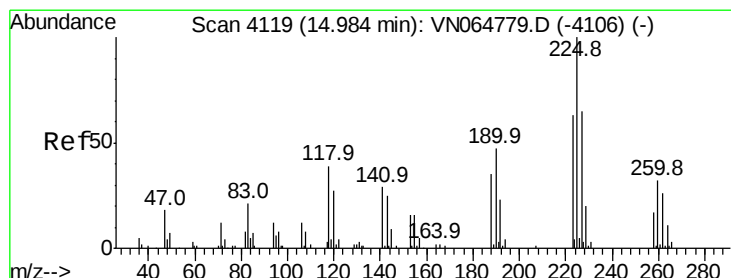
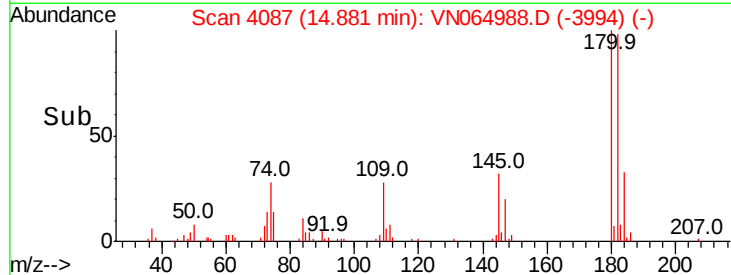
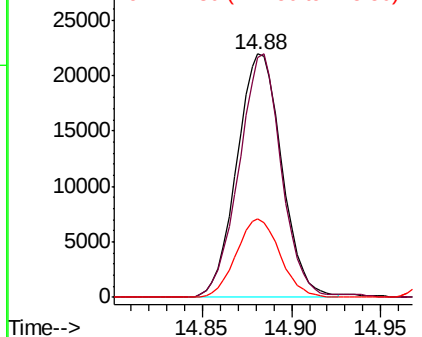
#93
 1,2,4-Trichlorobenzene
 Concen: 14.576 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Tot Ion:180 Resp: 38445
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.6 142.9
 145 31.2 15.3 45.8

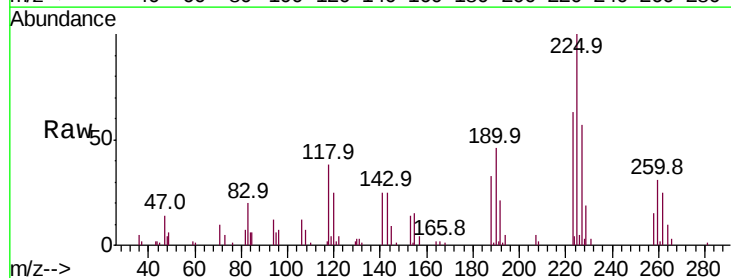


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

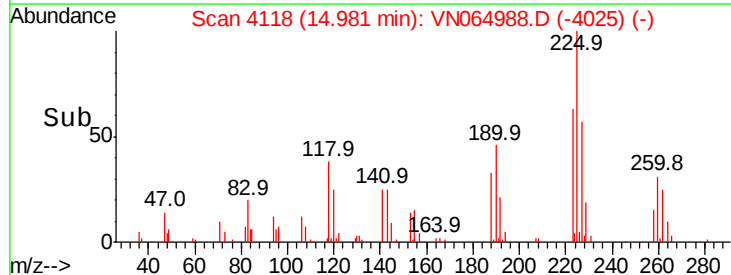
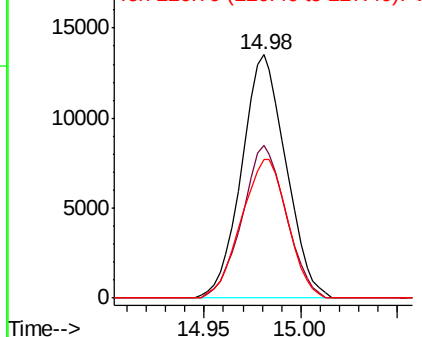


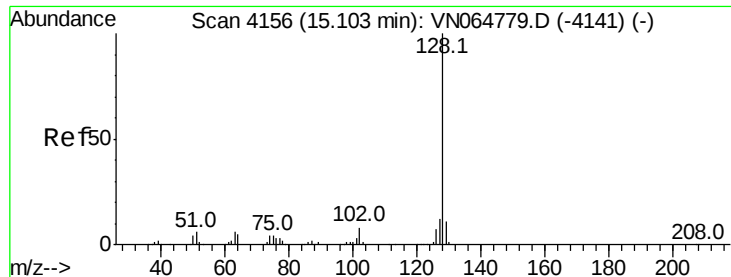
#94
 Hexachlorobutadiene
 Concen: 18.365 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion:225 Resp: 21531
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.0 93.0
 227 59.5 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

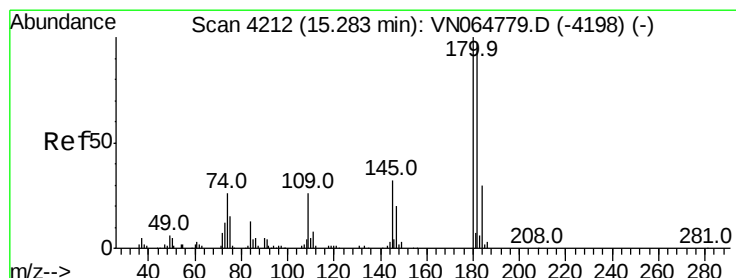
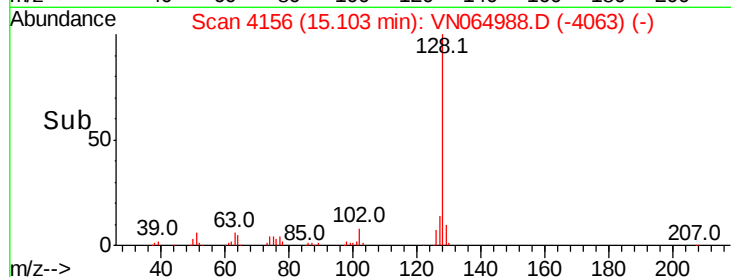
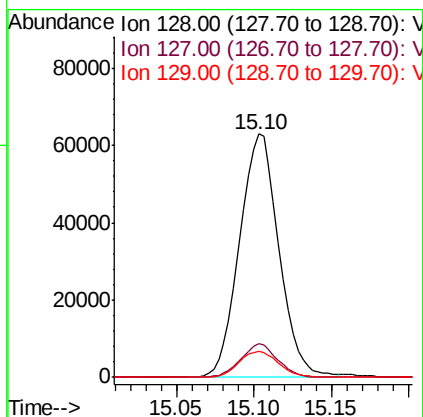
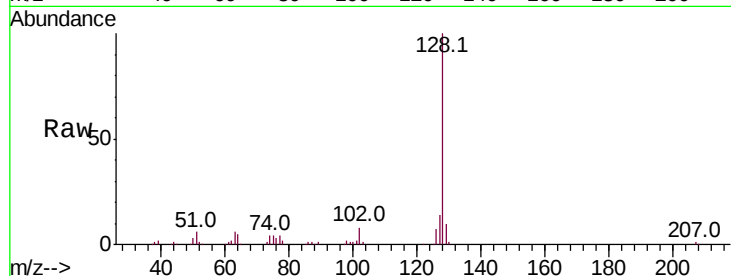




#95
Naphthalene
Concen: 14.122 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion:128 Resp: 111594
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 16.035 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion:180 Resp: 37755
Ion Ratio Lower Upper
180 100
182 96.1 48.1 144.4
145 32.1 16.4 49.1

