

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064892.D
 Acq On : 3 Dec 2020 12:18
 Operator : JC/MD
 Sample : VN1203WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Quant Time: Dec 04 02:58:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	189511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	287915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	267021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	109509	49.70	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.40%
35) Dibromofluoromethane	7.55	113	94352	54.77	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.54%
50) Toluene-d8	10.06	98	356374	50.63	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.26%
62) 4-Bromofluorobenzene	12.37	95	125926	49.99	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.98%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	26030	15.848	ug/l 99
3) Chloromethane	2.04	50	33341	15.621	ug/l 97
4) Vinyl Chloride	2.17	62	35424	15.919	ug/l 99
5) Bromomethane	2.53	94	25166	17.238	ug/l 98
6) Chloroethane	2.68	64	22985	16.700	ug/l 99
7) Trichlorofluoromethane	2.99	101	53849	17.506	ug/l 99
8) Diethyl Ether	3.37	74	22085	18.190	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32985	17.876	ug/l 97
10) Methyl Iodide	3.90	142	37630	15.722	ug/l 99
11) Tert butyl alcohol	4.74	59	26132	76.055	ug/l 99
12) 1,1-Dichloroethene	3.69	96	31373	17.072	ug/l 98
13) Acrolein	3.56	56	18405	87.696	ug/l 96
14) Allyl chloride	4.27	41	50860	16.780	ug/l 99
15) Acrylonitrile	4.93	53	79934	84.213	ug/l 99
16) Acetone	3.78	43	60885	84.066	ug/l 97
17) Carbon Disulfide	4.01	76	77719	16.383	ug/l 100
18) Methyl Acetate	4.28	43	38499	17.680	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	103693	17.593	ug/l 99
20) Methylene Chloride	4.50	84	40245	17.733	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	35086	17.193	ug/l 95
22) Diisopropyl ether	5.90	45	113913	18.777	ug/l 98
23) Vinyl Acetate	5.84	43	429582	88.548	ug/l 100
24) 1,1-Dichloroethane	5.79	63	66306	18.288	ug/l 99
25) 2-Butanone	6.78	43	96550	82.237	ug/l 97
26) 2,2-Dichloropropane	6.77	77	54096	17.203	ug/l 97
27) cis-1,2-Dichloroethene	6.78	96	40937	17.827	ug/l 99
28) Bromochloromethane	7.15	49	31367	18.911	ug/l 98
29) Tetrahydrofuran	7.16	42	65200	80.451	ug/l 98
30) Chloroform	7.33	83	68654	18.362	ug/l 97
31) Cyclohexane	7.61	56	50298	16.380	ug/l 96
32) 1,1,1-Trichloroethane	7.52	97	56881	17.713	ug/l 98
36) 1,1-Dichloropropene	7.75	75	47787	17.907	ug/l 99
37) Ethyl Acetate	6.88	43	41972	16.327	ug/l 98
38) Carbon Tetrachloride	7.73	117	50639	18.237	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	48481	16.876	ug/l	98
40) Benzene	8.00	78	150516	18.405	ug/l	97
41) Methacrylonitrile	7.12	41	21181	17.857	ug/l	89
42) 1,2-Dichloroethane	8.08	62	51446	18.648	ug/l	99
43) Isopropyl Acetate	8.12	43	70594	17.066	ug/l #	91
44) Trichloroethene	8.80	130	43183	17.897	ug/l	100
45) 1,2-Dichloropropane	9.08	63	41000	19.360	ug/l	94
46) Dibromomethane	9.17	93	27677	19.562	ug/l	97
47) Bromodichloromethane	9.37	83	53613	18.833	ug/l	100
48) Methyl methacrylate	9.16	41	33033	16.712	ug/l	99
49) 1,4-Dioxane	9.16	88	12330	330.053	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	213409	85.936	ug/l	99
52) Toluene	10.12	92	93385	18.543	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	57289	18.068	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	64191	18.887	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	39064	18.863	ug/l	95
56) Ethyl methacrylate	10.40	69	49583	17.350	ug/l	99
57) 1,3-Dichloropropane	10.68	76	65734	19.242	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.66	63	136877	87.072	ug/l	99
59) 2-Hexanone	10.72	43	149918	83.883	ug/l	97
60) Dibromochloromethane	10.87	129	43814	19.033	ug/l	99
61) 1,2-Dibromoethane	10.97	107	39421	18.736	ug/l	98
64) Tetrachloroethene	10.60	164	47158	18.153	ug/l	95
65) Chlorobenzene	11.40	112	104736	18.265	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	39308	18.653	ug/l	97
67) Ethyl Benzene	11.48	91	170968	17.848	ug/l	99
68) m/p-Xylenes	11.59	106	133161	36.716	ug/l	98
69) o-Xylene	11.92	106	64004	18.597	ug/l	97
70) Styrene	11.94	104	107388	18.483	ug/l	99
71) Bromoform	12.10	173	29944	17.791	ug/l #	100
73) Isopropylbenzene	12.22	105	166843	18.396	ug/l	99
74) N-amyl acetate	12.04	43	57958	16.239	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	47813	17.987	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	68922	24.545	ug/l #	100
77) Bromobenzene	12.50	156	44459	18.183	ug/l	99
78) n-propylbenzene	12.56	91	188858	18.279	ug/l	99
79) 2-Chlorotoluene	12.65	91	115208	18.039	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	144347	19.148	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	17049	16.641	ug/l	94
82) 4-Chlorotoluene	12.75	91	119451	17.844	ug/l	98
83) tert-Butylbenzene	12.97	119	118789	18.800	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	146646	19.240	ug/l	99
85) sec-Butylbenzene	13.14	105	156750	18.684	ug/l	98
86) p-Isopropyltoluene	13.26	119	143911	18.841	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	79803	18.371	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	79331	17.268	ug/l	98
89) n-Butylbenzene	13.59	91	116034	17.299	ug/l	99
90) Hexachloroethane	13.85	117	24518	18.478	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	79240	18.577	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9861	16.486	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
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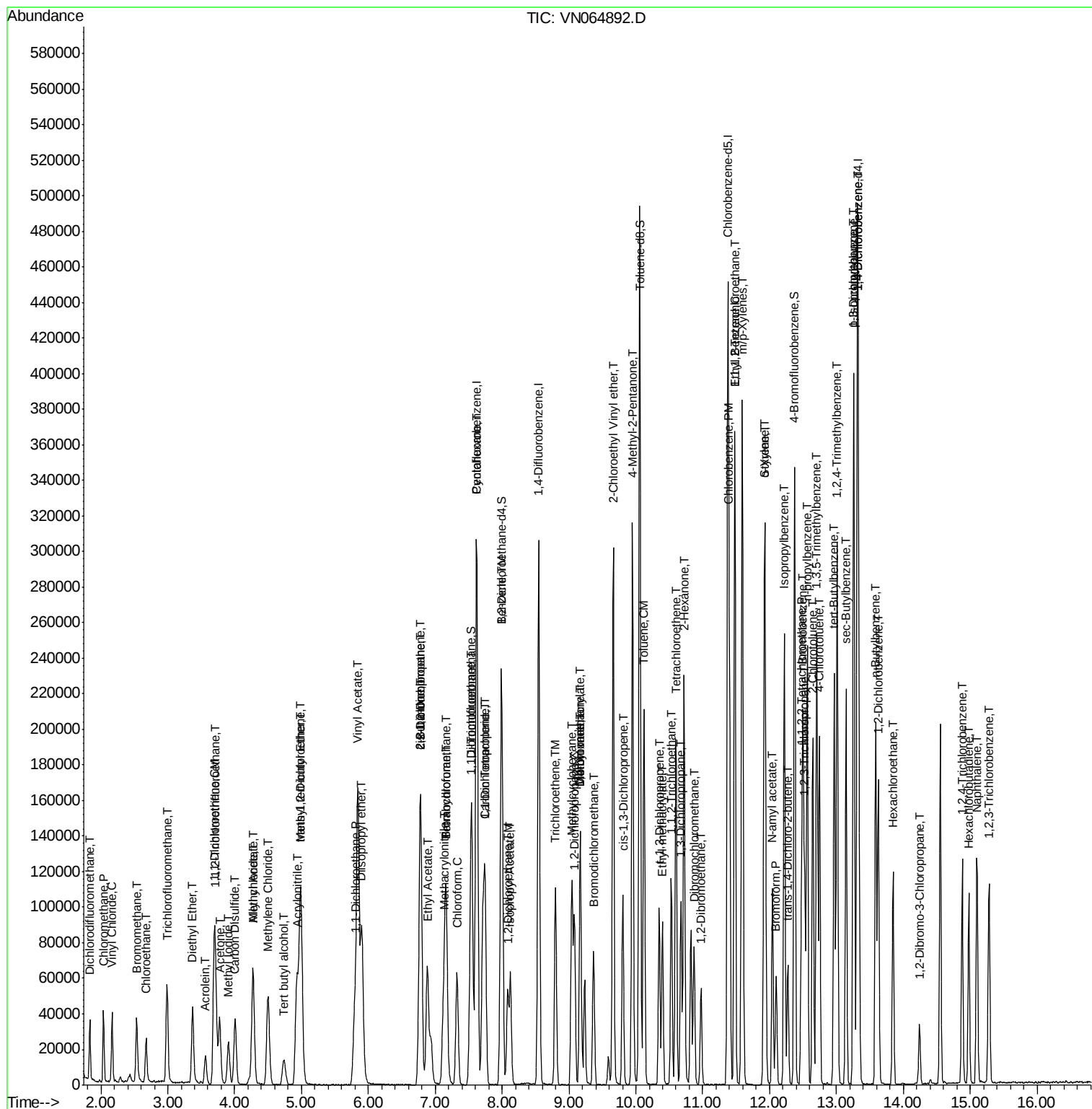
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	42321	16.039	ug/l	99
94) Hexachlorobutadiene	14.98	225	22393	19.078	ug/l	98
95) Naphthalene	15.10	128	115824	14.652	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	40781	17.203	ug/l	99

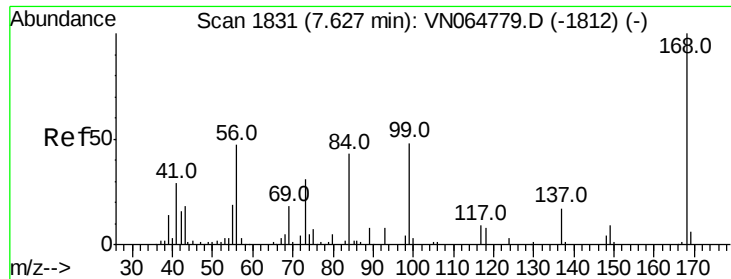
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

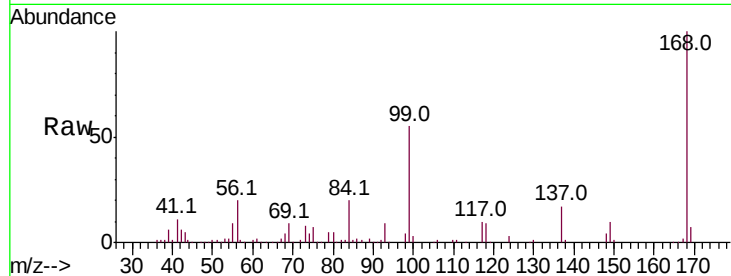
VN1203WBS01

Tot Ion:168 Resp: 189511

Ion Ratio Lower Upper

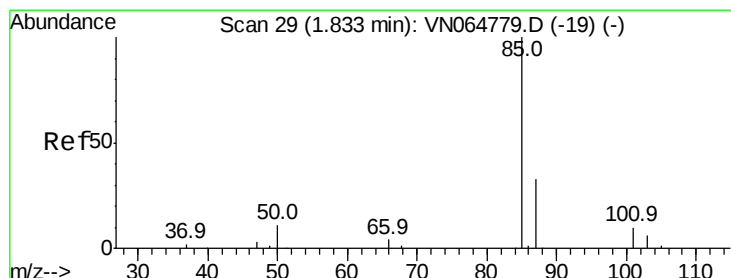
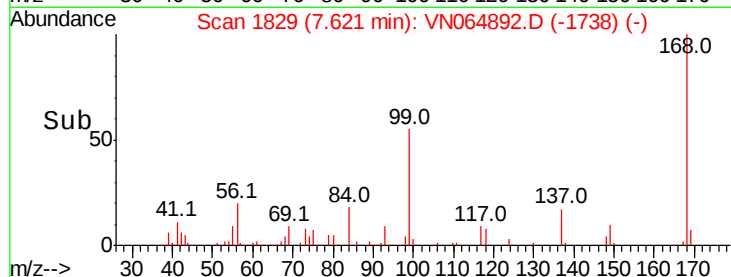
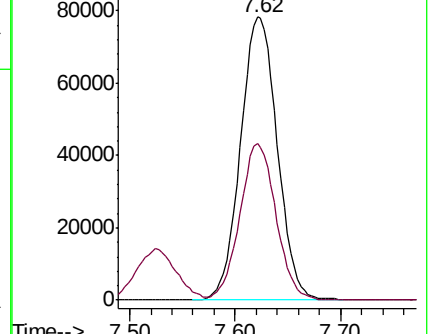
168 100

99 55.1 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: 15.848 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064892.D

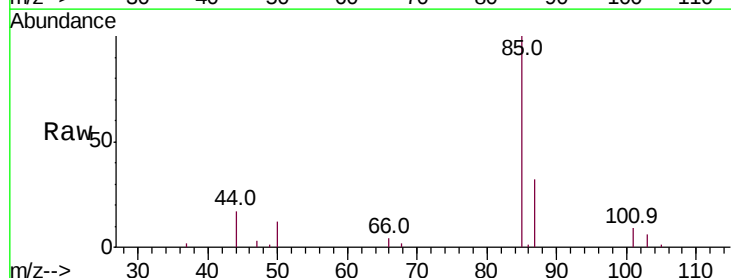
Acq: 3 Dec 2020 12:18

Tgt Ion: 85 Resp: 26030

Ion Ratio Lower Upper

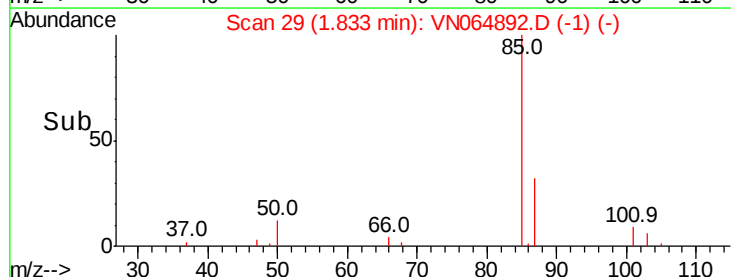
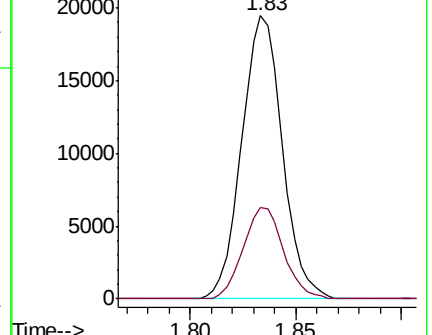
85 100

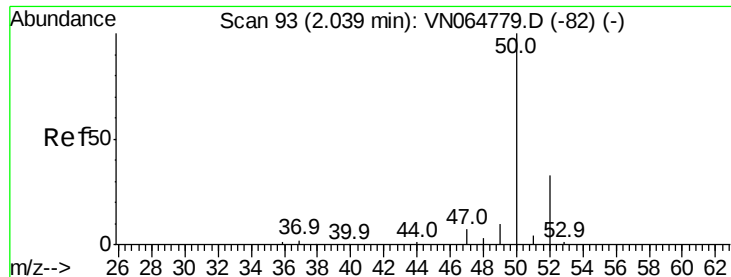
87 32.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

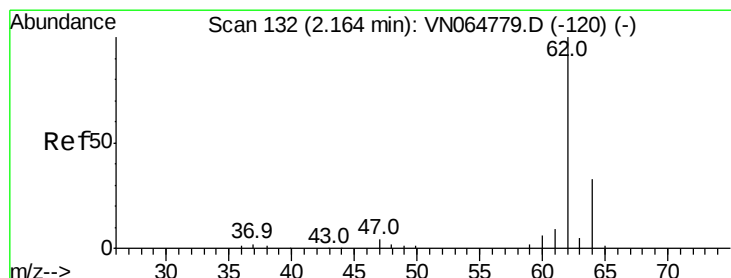
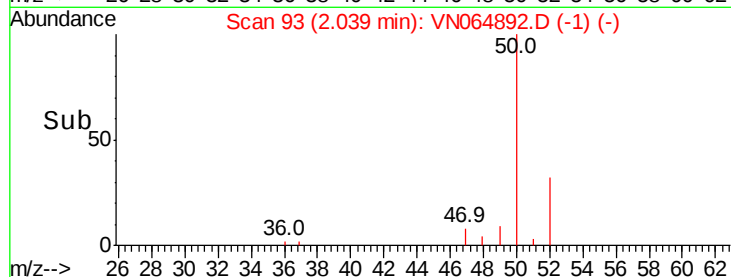
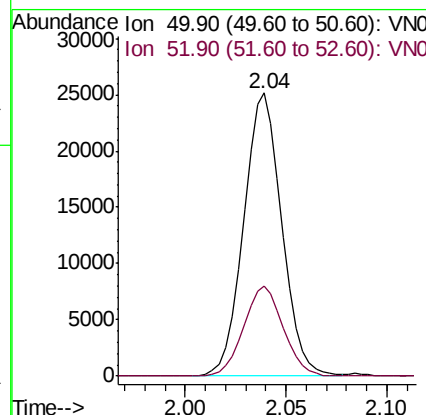
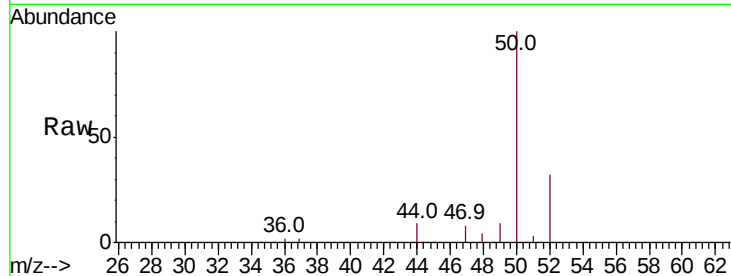




#3
Chloromethane
Concen: 15.621 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

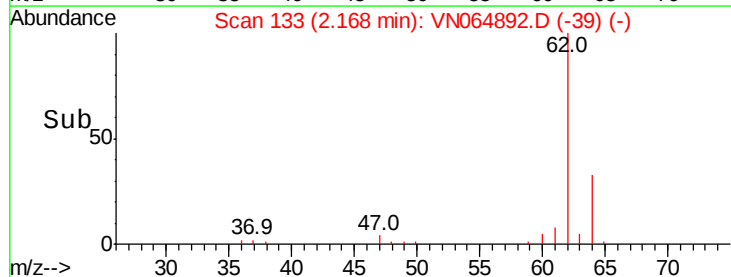
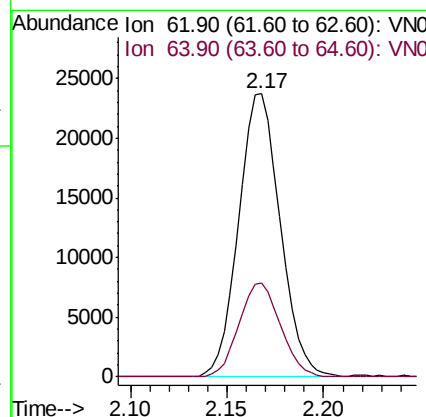
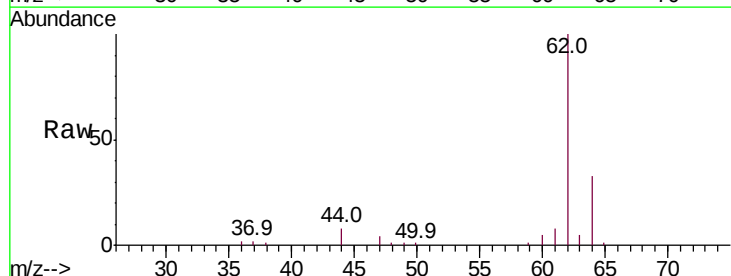
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

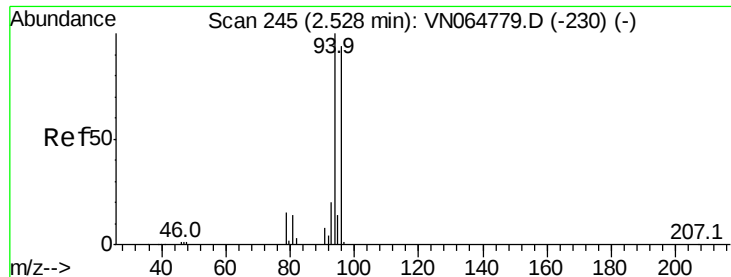
Tot Ion: 50 Resp: 33341
Ion Ratio Lower Upper
50 100
52 31.7 26.6 39.8



#4
Vinyl Chloride
Concen: 15.919 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 62 Resp: 35424
Ion Ratio Lower Upper
62 100
64 33.4 26.5 39.7





#5

Bromomethane

Concen: 17.238 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

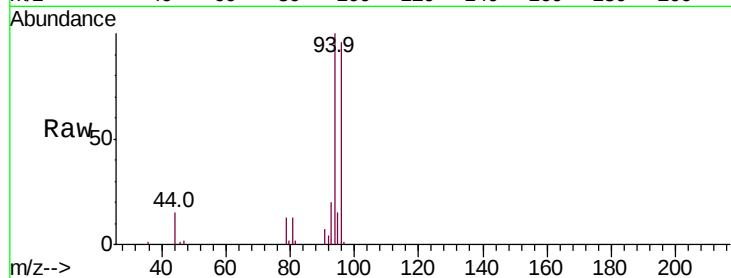
VN1203WBS01

Tot Ion: 94 Resp: 25166

Ion Ratio Lower Upper

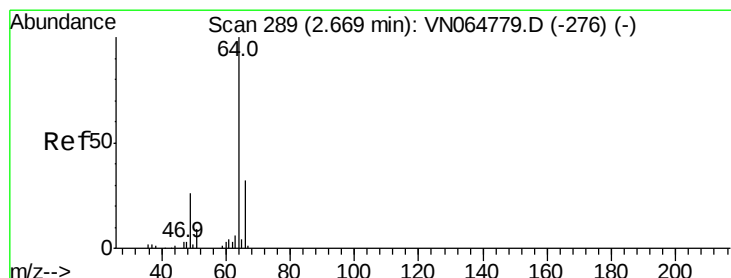
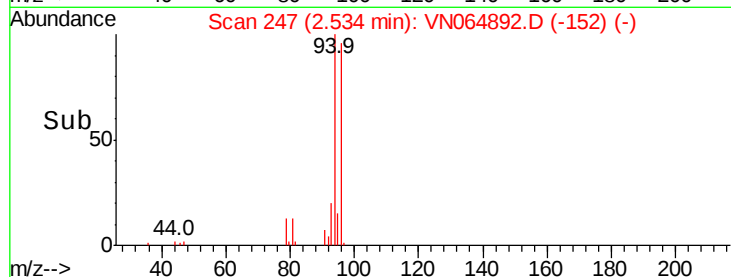
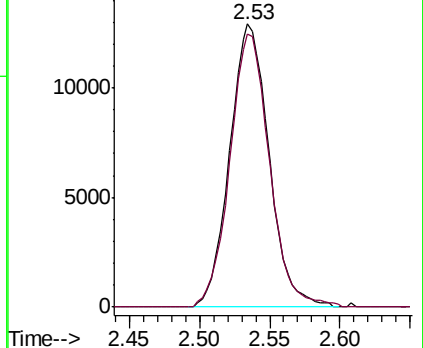
94 100

96 96.5 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: 16.700 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064892.D

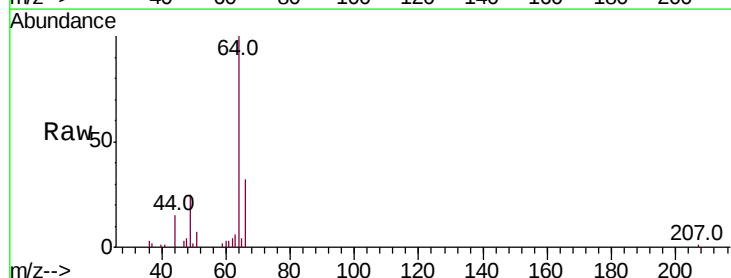
Acq: 3 Dec 2020 12:18

Tgt Ion: 64 Resp: 22985

Ion Ratio Lower Upper

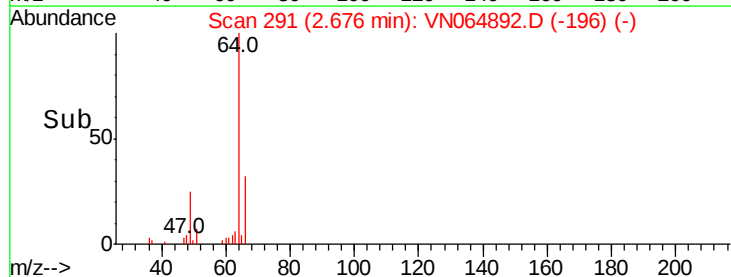
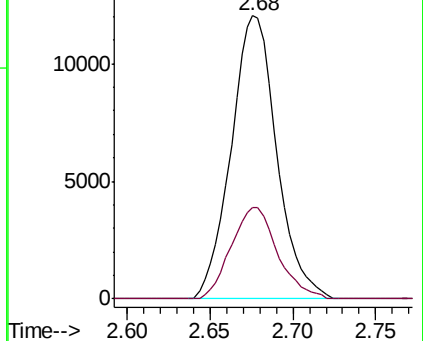
64 100

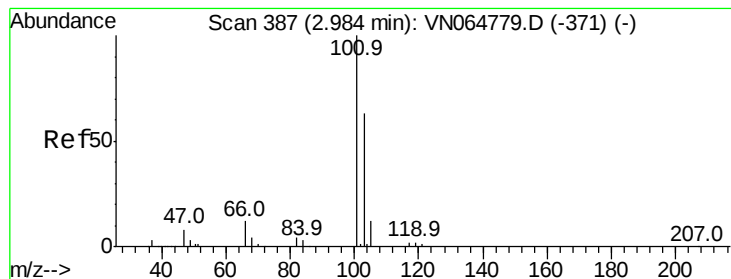
66 32.4 25.6 38.4



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

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



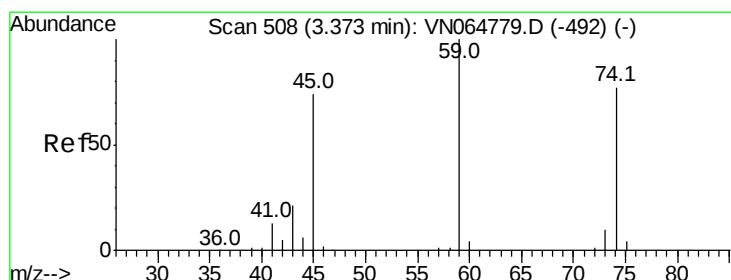
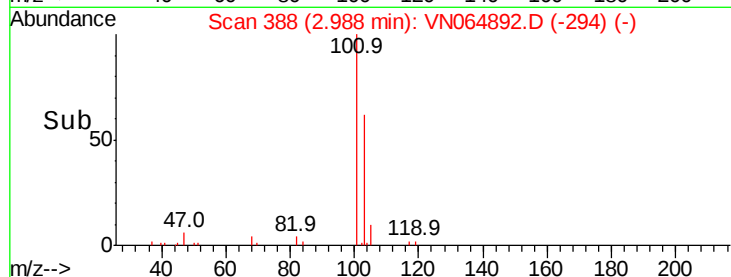
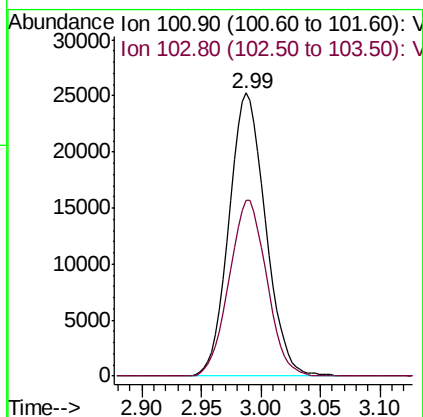
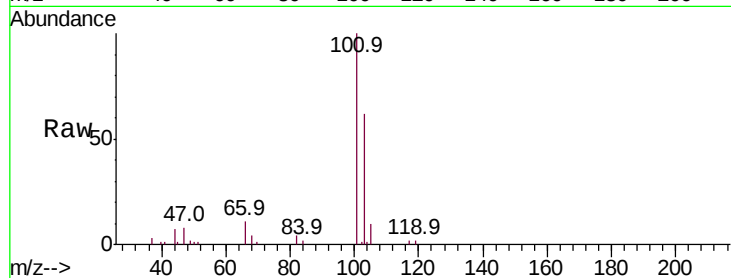


#7

Trichlorofluoromethane
 Concen: 17.506 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

Instrument :
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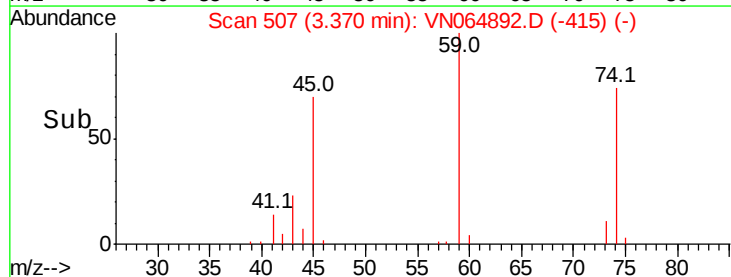
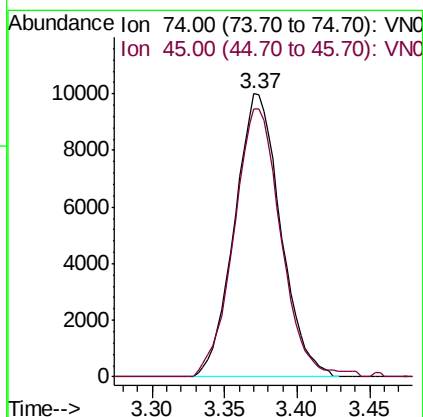
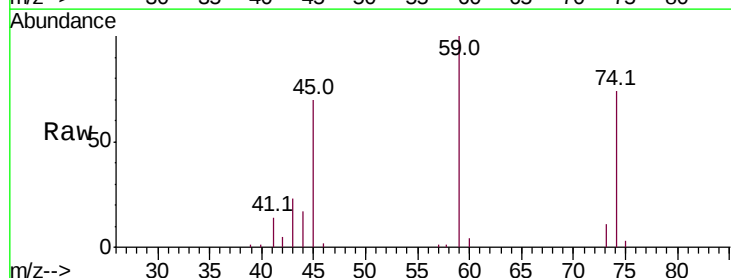
Tot Ion:101 Resp: 53849
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.5 75.7

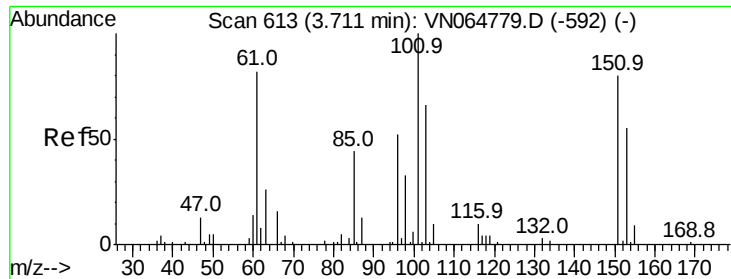


#8

Diethyl Ether
 Concen: 18.190 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

Tgt Ion: 74 Resp: 22085
 Ion Ratio Lower Upper
 74 100
 45 96.8 48.9 146.8

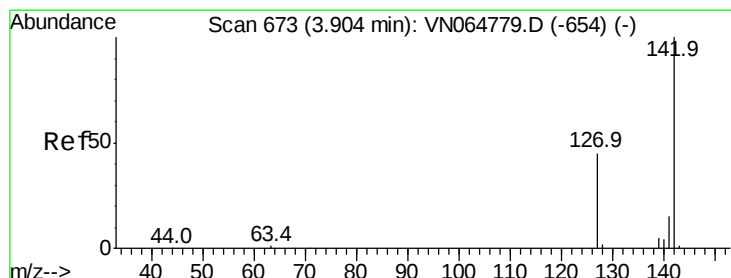
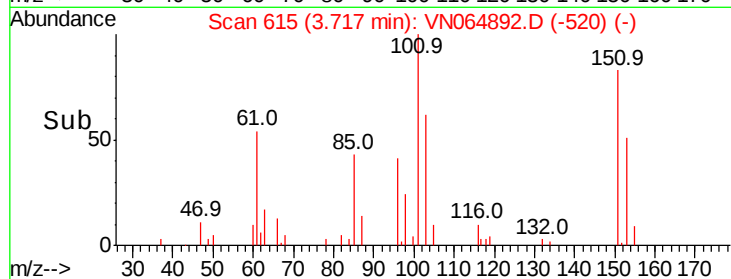
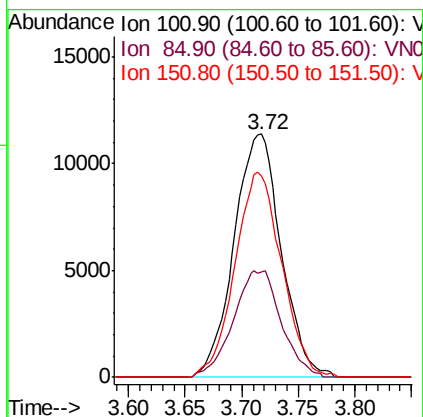
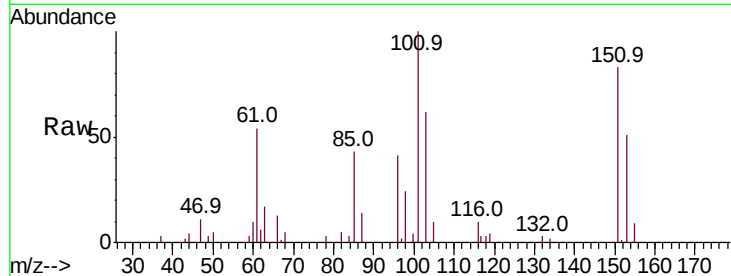




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.876 ug/l
 RT: 3.72 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

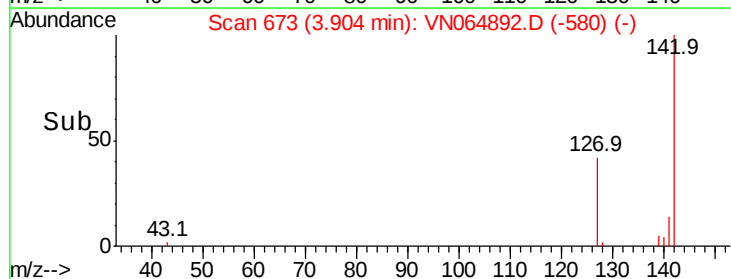
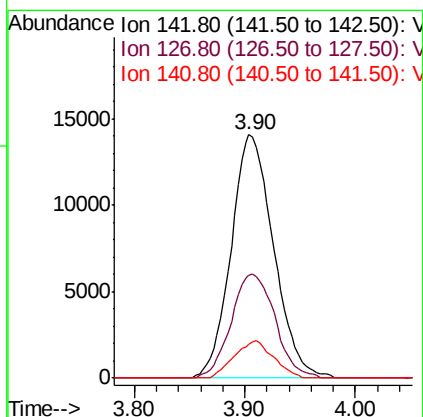
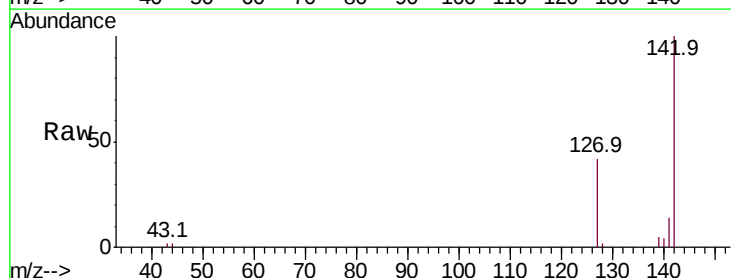
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

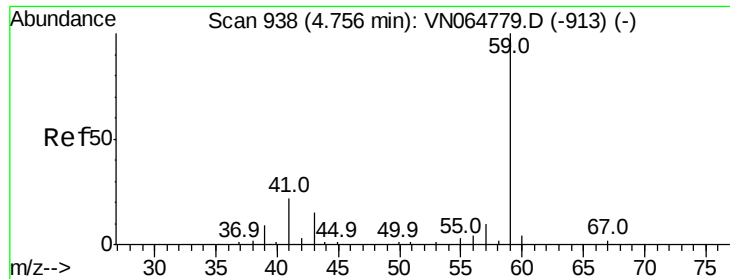
Tot Ion	Ratio	Lower	Upper
101	100		
85	44.4	34.4	51.6
151	83.6	64.0	96.0



#10
 Methyl Iodide
 Concen: 15.722 ug/l
 RT: 3.90 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.1	35.0	52.6
141	14.2	11.8	17.6

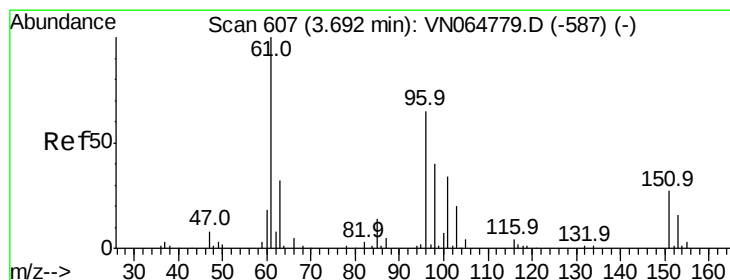
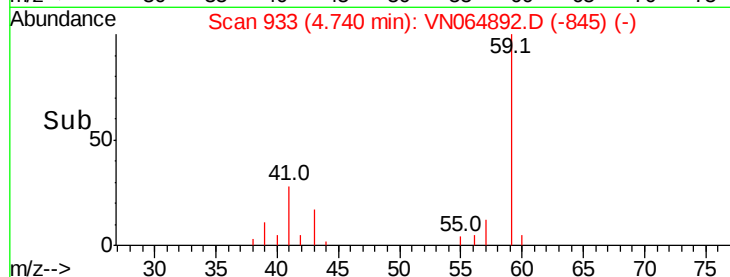
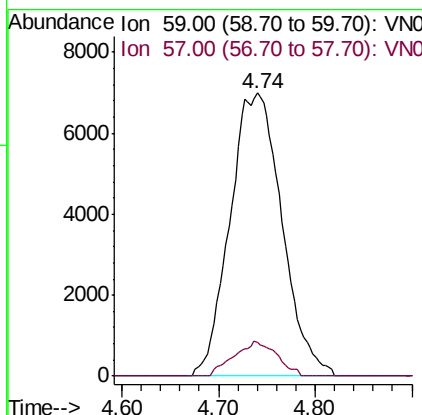
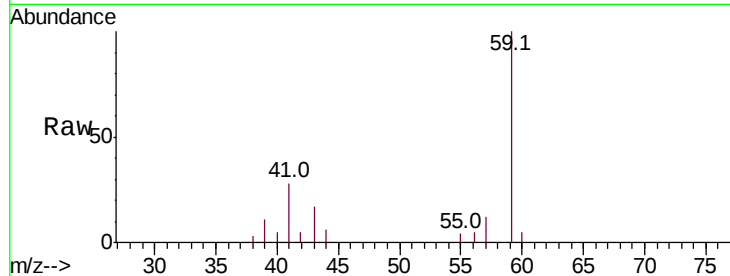




#11
Tert butyl alcohol
Concen: 76.055 ug/l
RT: 4.74 min Scan# 933
Delta R.T. -0.02 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

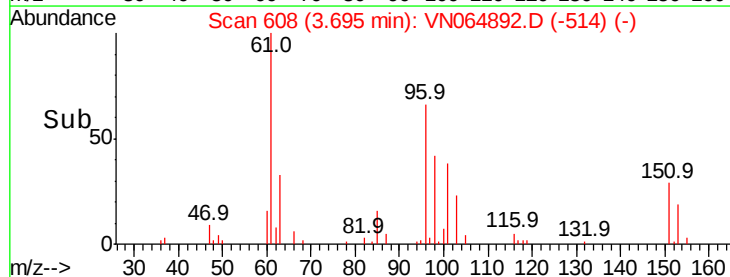
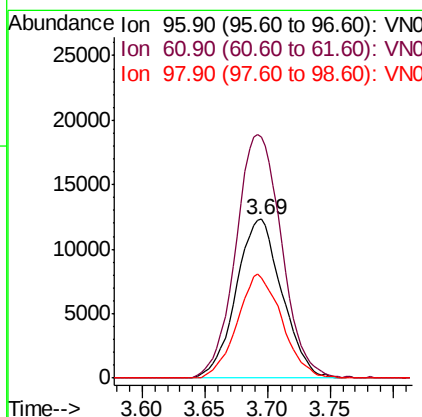
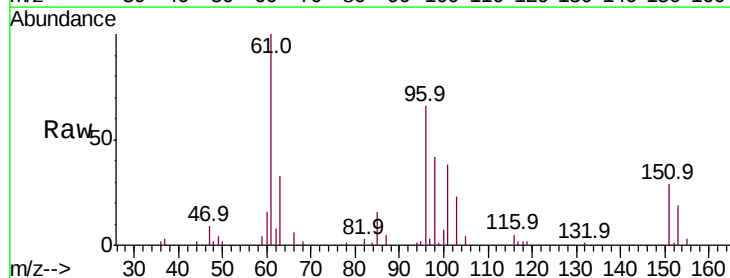
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

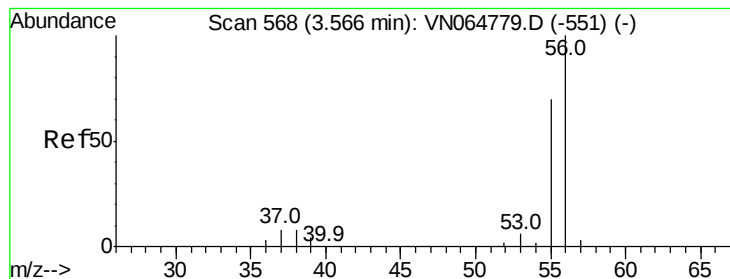
Tot Ion: 59 Resp: 26132
Ion Ratio Lower Upper
59 100
57 10.2 7.9 11.9



#12
1,1-Dichloroethene
Concen: 17.072 ug/l
RT: 3.69 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 96 Resp: 31373
Ion Ratio Lower Upper
96 100
61 151.7 123.4 185.2
98 63.1 49.8 74.8





#13

Acrolein

Concen: 87.696 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

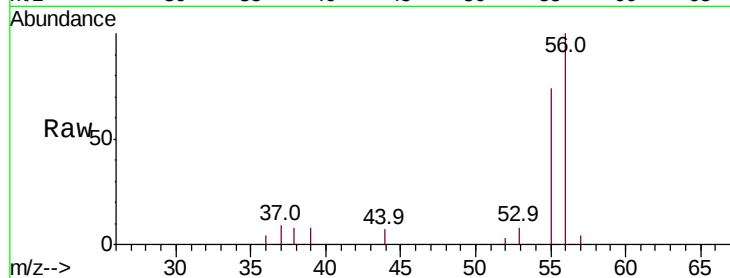
VN1203WBS01

Tot Ion: 56 Resp: 18405

Ion Ratio Lower Upper

56 100

55 73.9 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN064779.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN064779.D (-551) (-)

3.56

8000

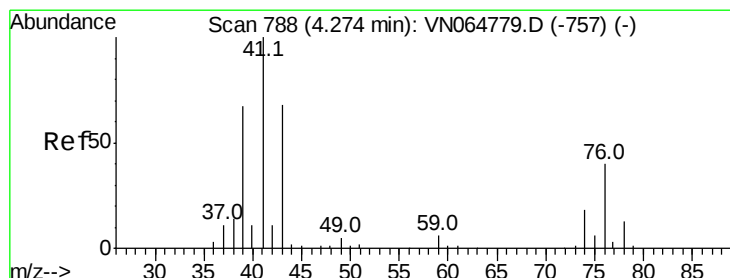
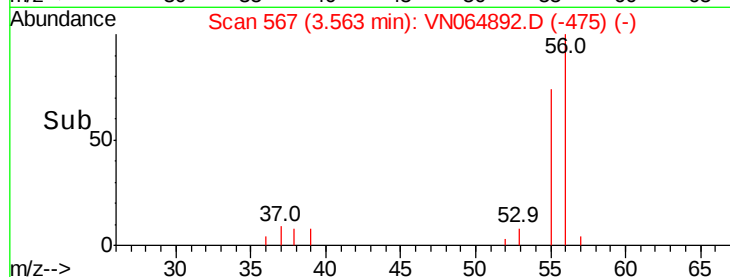
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 16.780 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

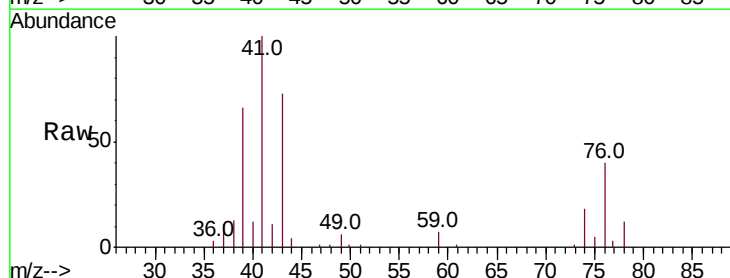
Tgt Ion: 41 Resp: 50860

Ion Ratio Lower Upper

41 100

39 62.6 50.9 76.3

76 35.6 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN064779.D (-757) (-)

4.27

20000

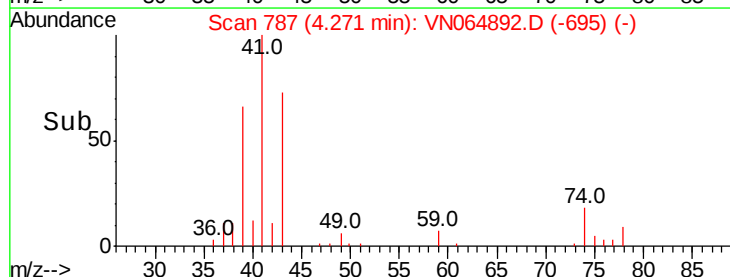
15000

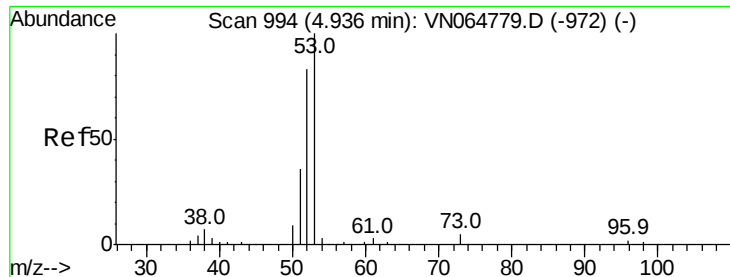
10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 84.213 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

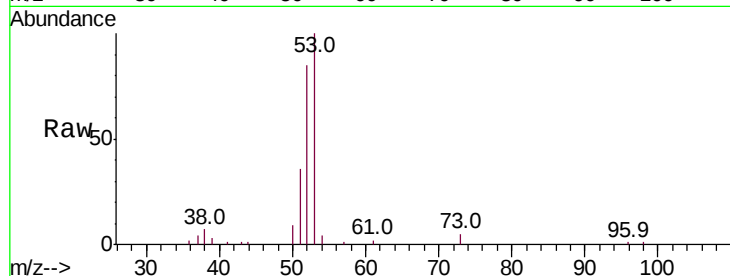
Tot Ion: 53 Resp: 79934

Ion Ratio Lower Upper

53 100

52 83.1 65.5 98.3

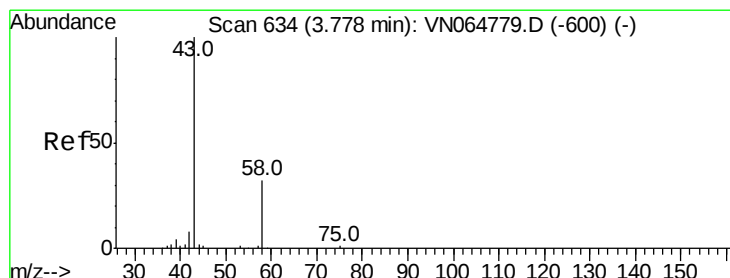
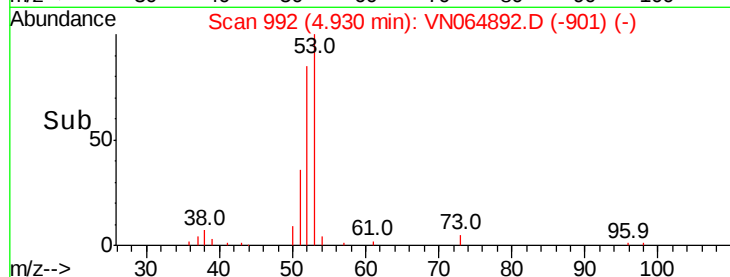
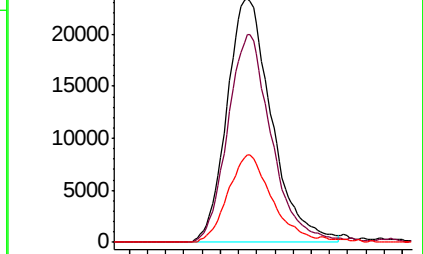
51 34.9 28.6 43.0



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

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

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



#16

Acetone

Concen: 84.066 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064892.D

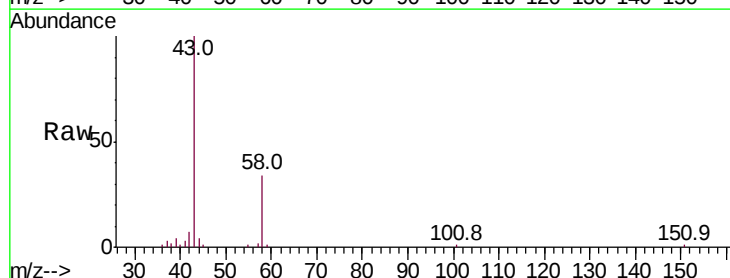
Acq: 3 Dec 2020 12:18

Tgt Ion: 43 Resp: 60885

Ion Ratio Lower Upper

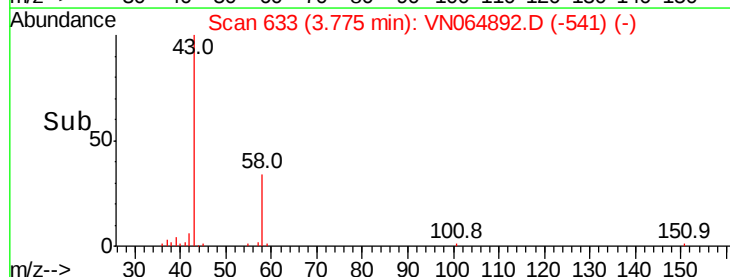
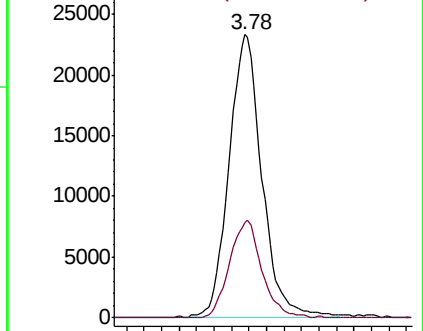
43 100

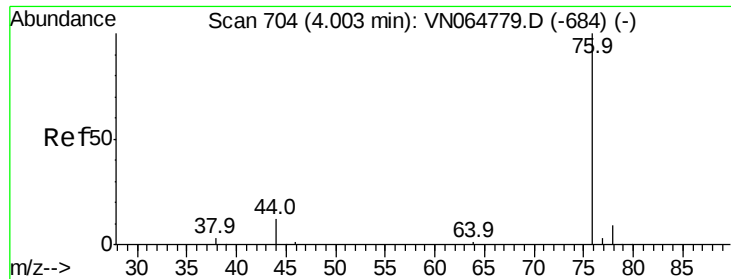
58 33.5 25.7 38.5



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

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

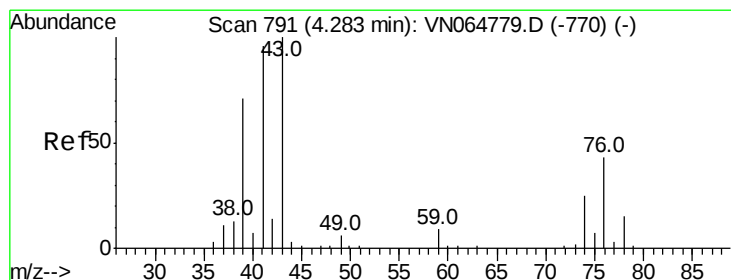
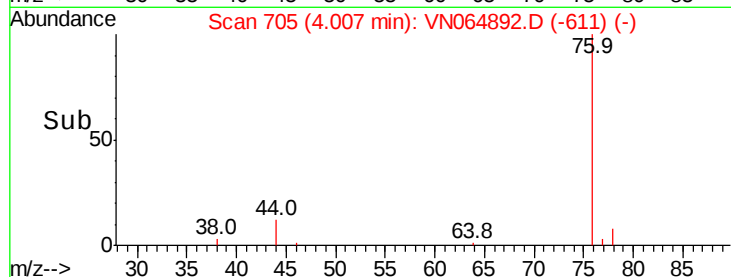
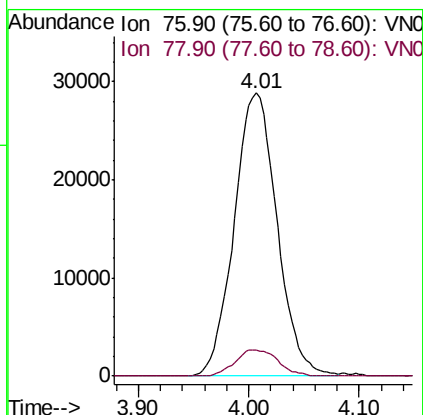
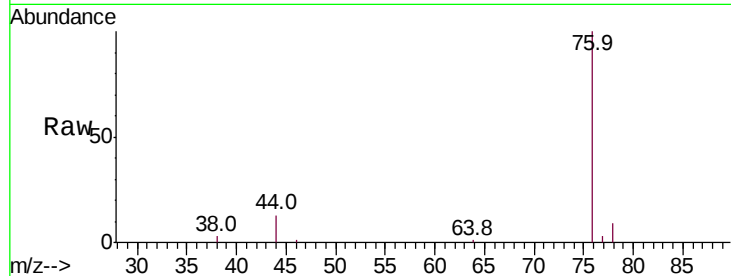




#17
Carbon Disulfide
Concen: 16.383 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

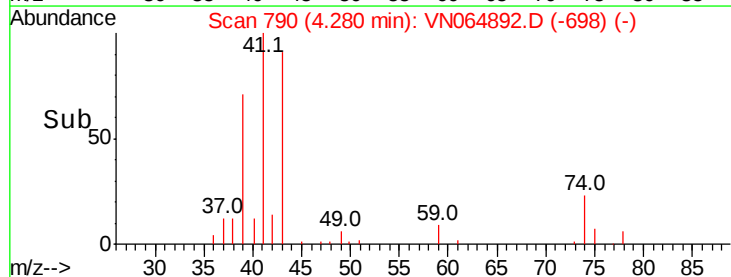
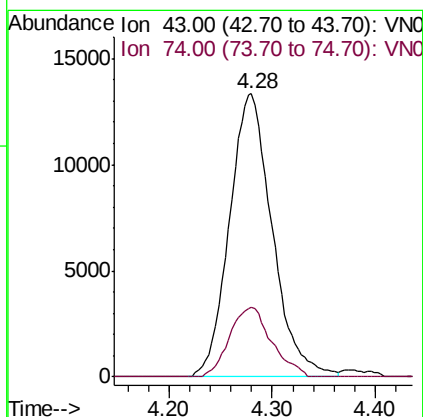
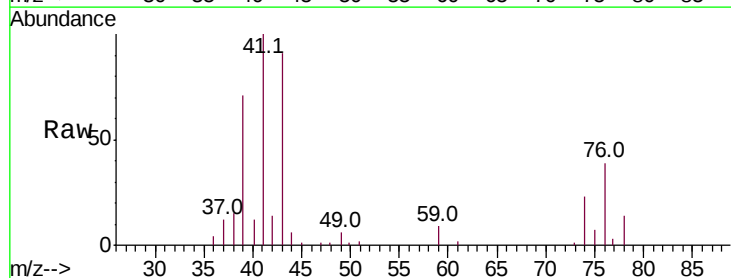
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

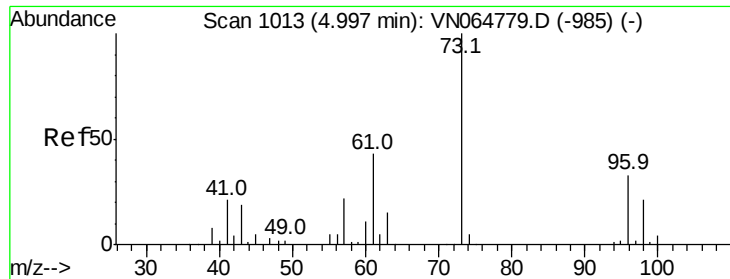
Tot Ion: 76 Resp: 77719
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 17.680 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 43 Resp: 38499
Ion Ratio Lower Upper
43 100
74 24.2 20.2 30.2

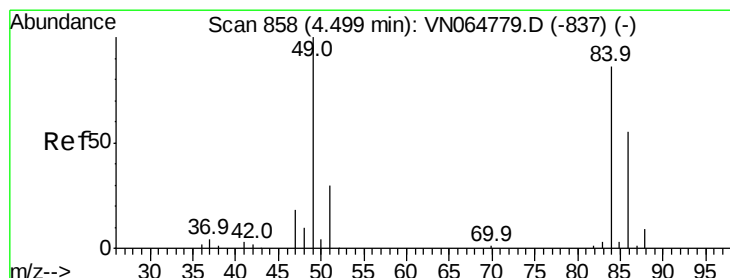
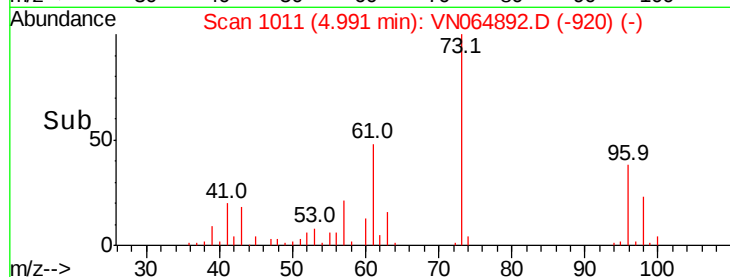
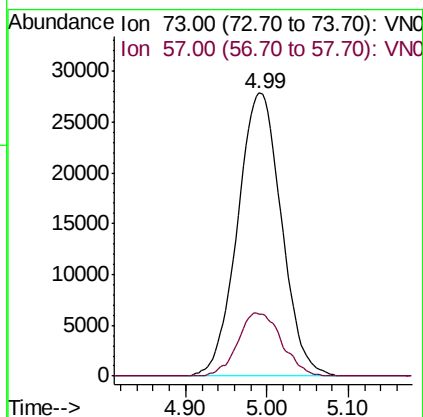
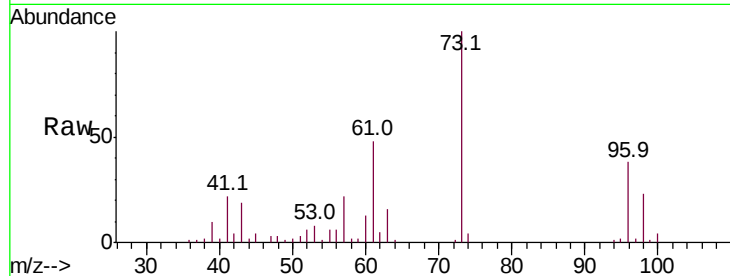




#19
Methvl tert-butvl Ether
Concen: 17.593 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

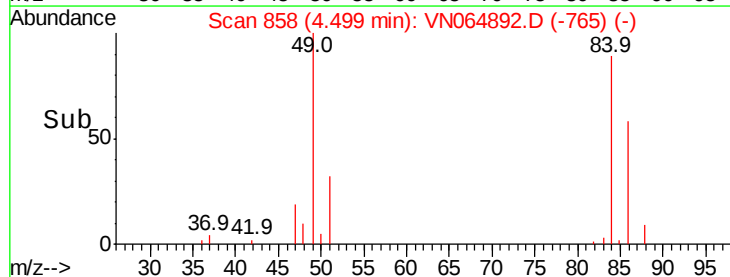
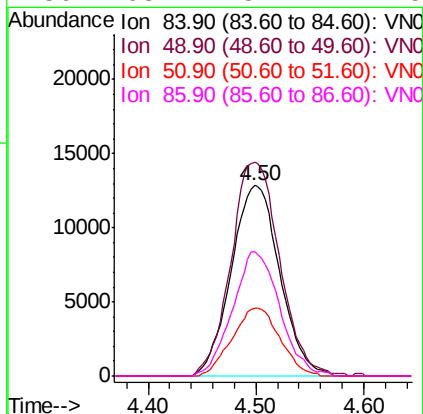
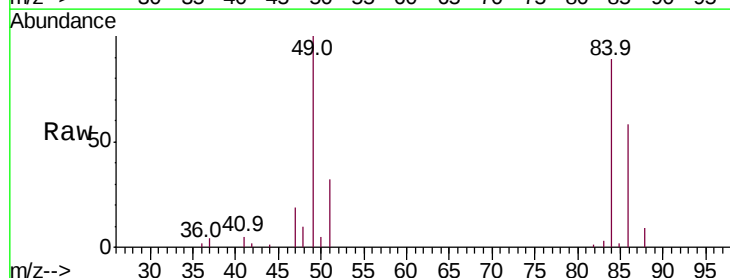
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

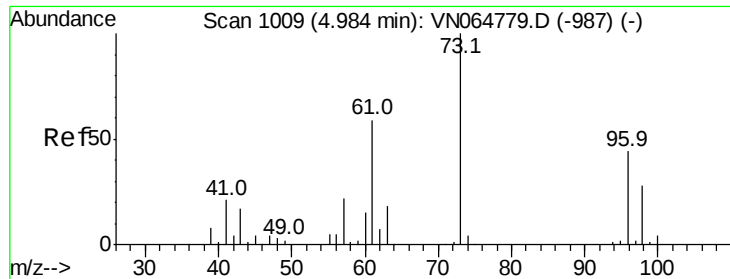
Tot Ion: 73 Resp: 103693
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0



#20
Methylene Chloride
Concen: 17.733 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 84 Resp: 40245
Ion Ratio Lower Upper
84 100
49 112.0 93.4 140.0
51 35.6 28.2 42.4
86 65.2 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 17.193 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

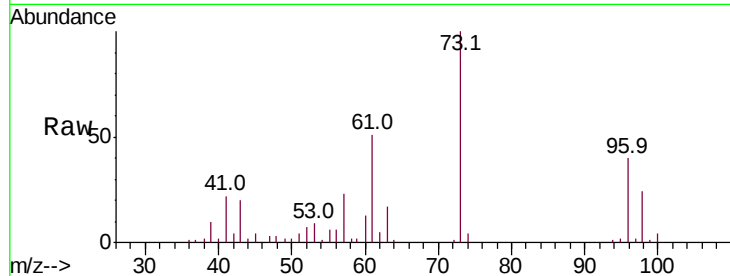
Tot Ion: 96 Resp: 35086

Ion Ratio Lower Upper

96 100

61 129.3 108.4 162.6

98 61.0 51.3 76.9

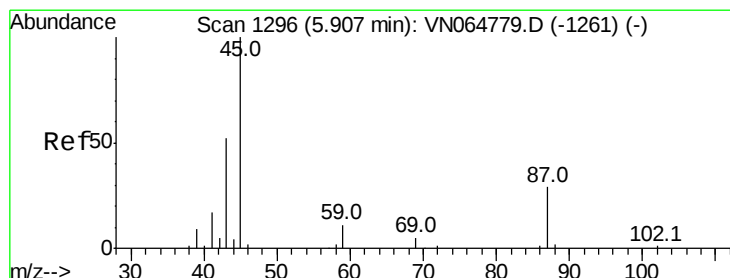
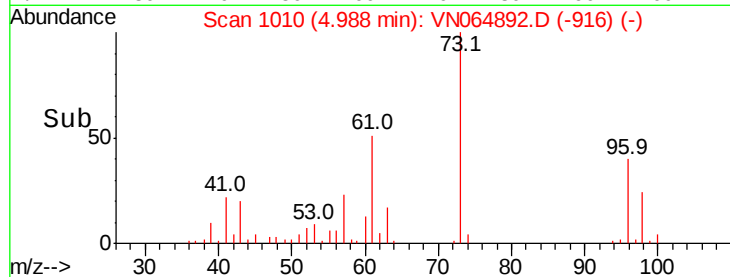
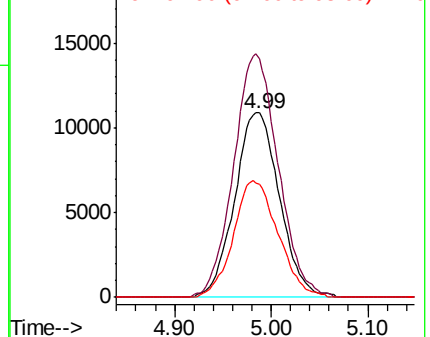


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.777 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Tgt Ion: 45 Resp: 113913

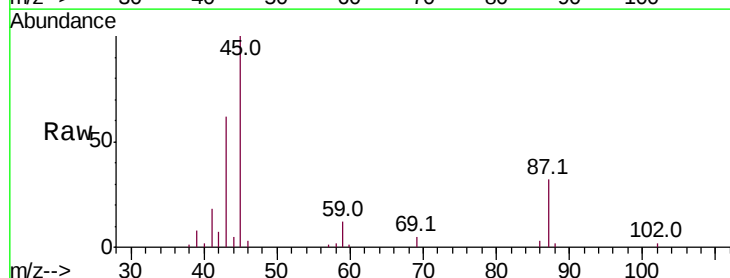
Ion Ratio Lower Upper

45 100

43 59.2 46.2 69.2

87 31.6 24.1 36.1

59 12.3 9.0 13.4



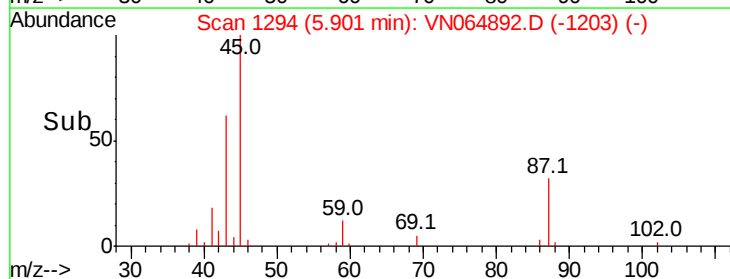
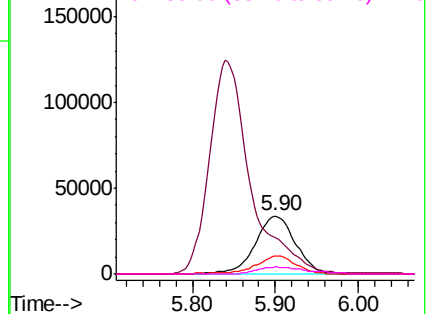
Abundance

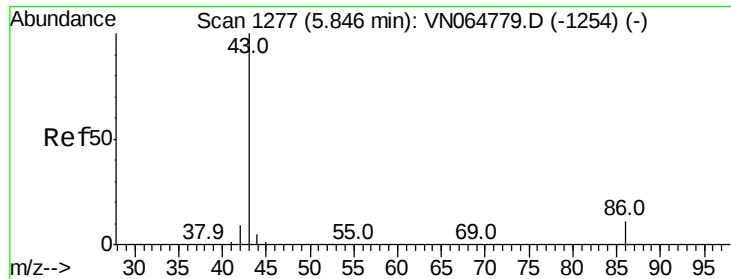
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

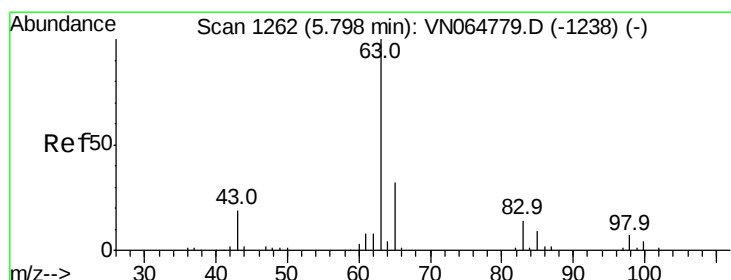
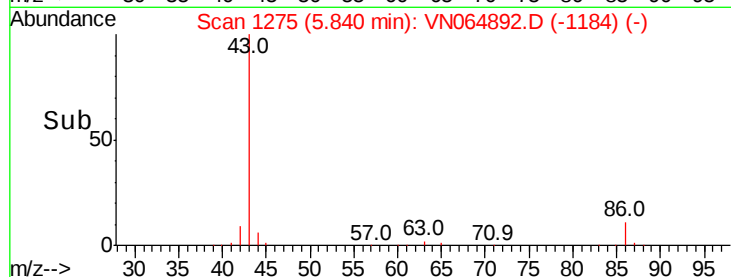
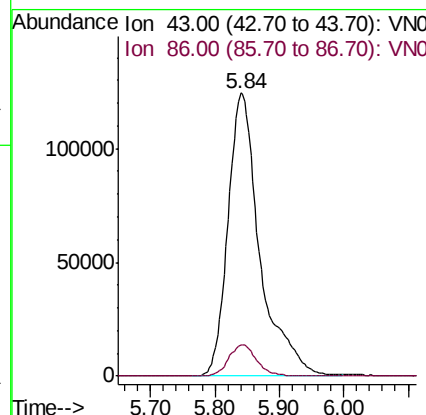
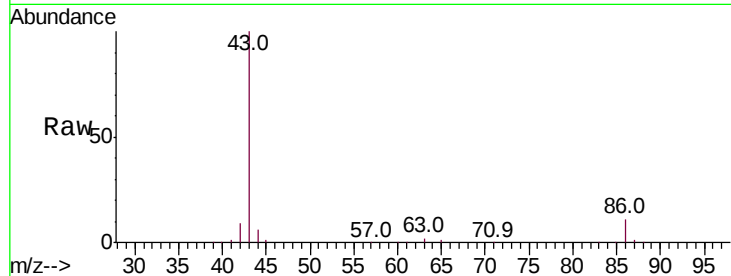




#23
 Vinyl Acetate
 Concen: 88.548 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

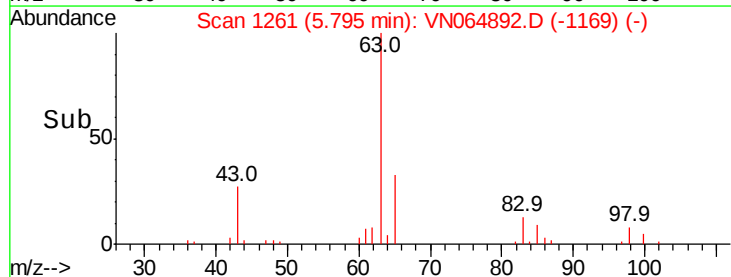
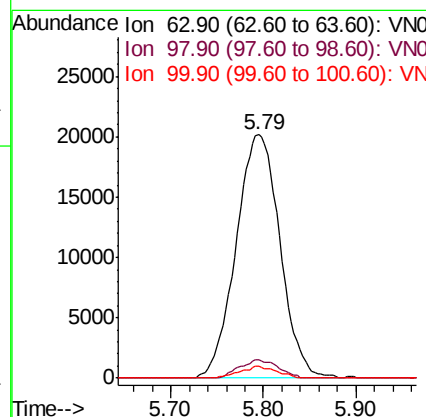
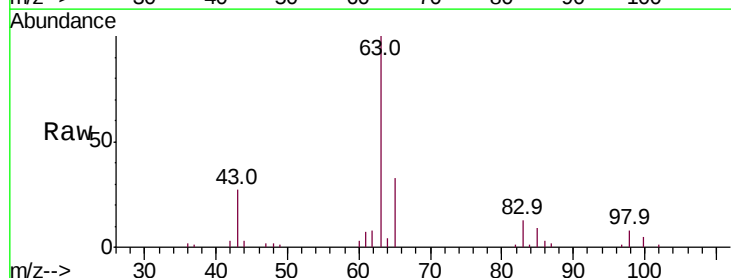
Instrument :
 MSVOA_N
 ClientSampled :
 VN1203WBS01

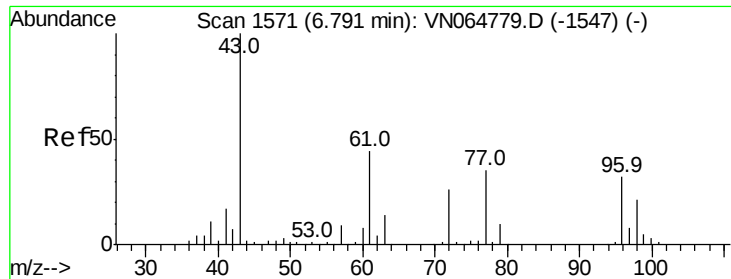
Tot Ion: 43 Resp: 429582
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 18.288 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

Tgt Ion: 63 Resp: 66306
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.9 2.3 6.8

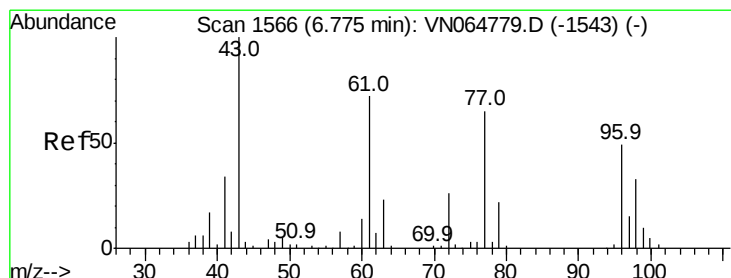
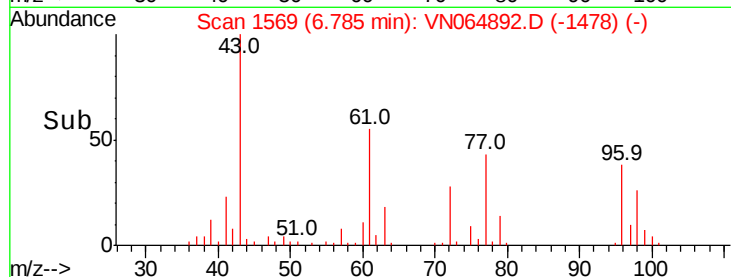
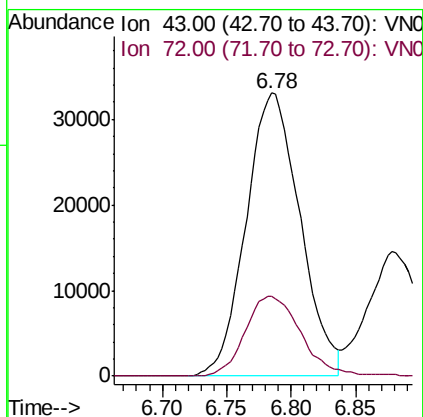
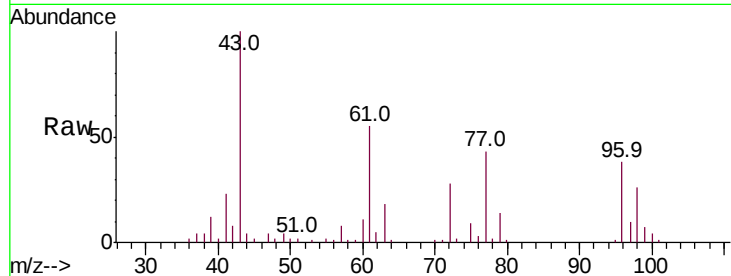




#25
2-Butanone
Concen: 82.237 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

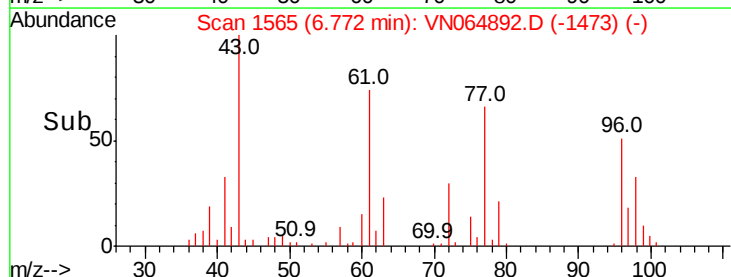
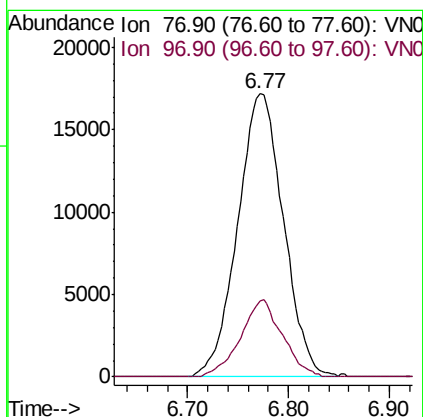
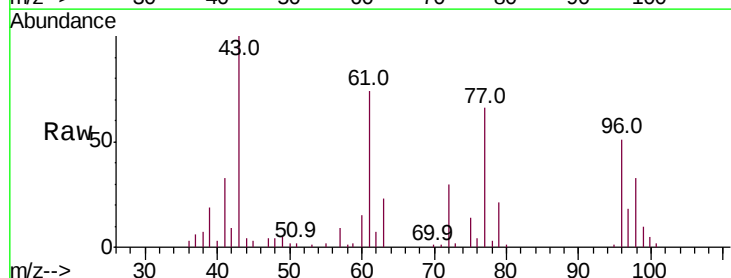
Instrument :
MSVOA_N
ClientSampled :
VN1203WBS01

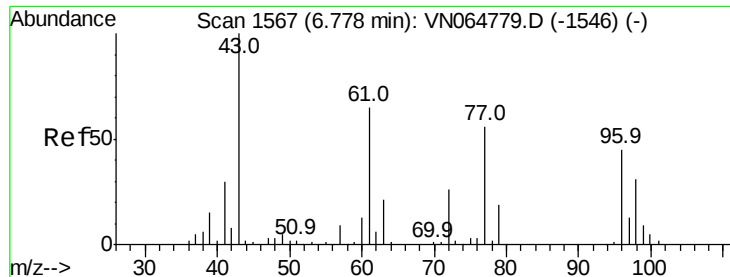
Tot Ion: 43 Resp: 96550
Ion Ratio Lower Upper
43 100
72 28.1 21.0 31.6



#26
2,2-Dichloropropane
Concen: 17.203 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 77 Resp: 54096
Ion Ratio Lower Upper
77 100
97 24.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.827 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

VN1203WBS01

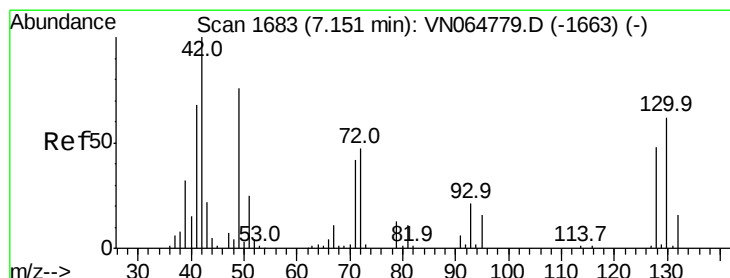
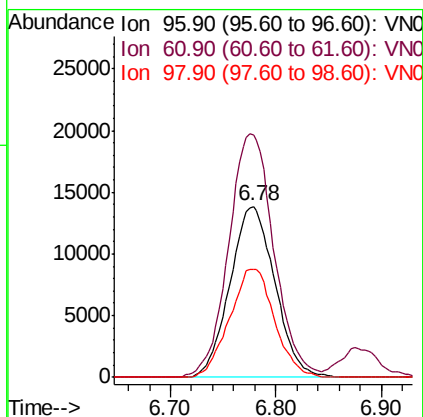
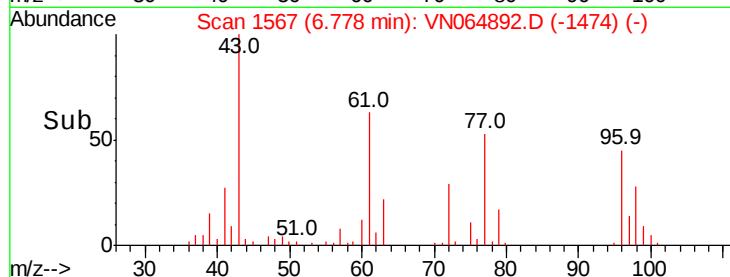
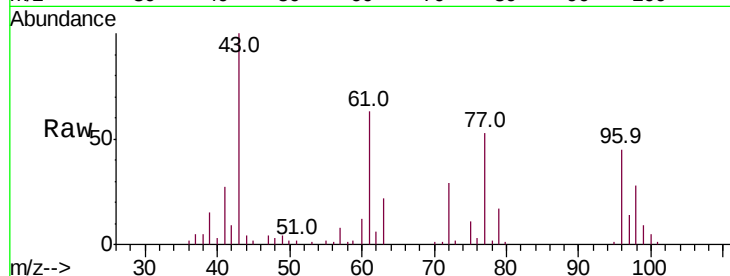
Tot Ion: 96 Resp: 40937

Ion Ratio Lower Upper

96 100

61 143.5 0.0 285.8

98 63.4 0.0 130.6



#28

Bromochloromethane

Concen: 18.911 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

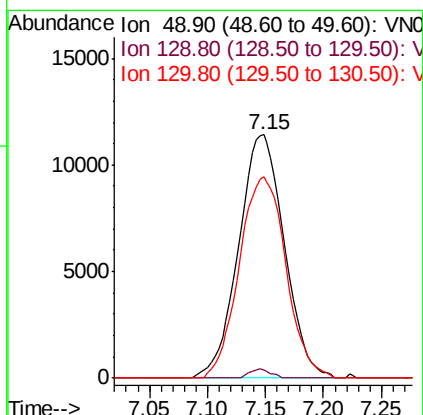
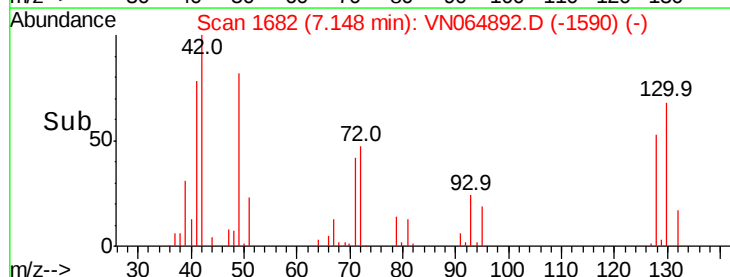
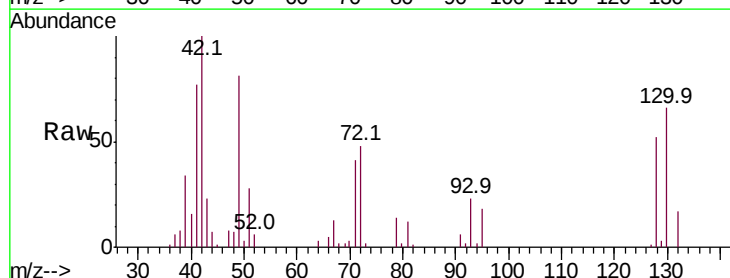
Tgt Ion: 49 Resp: 31367

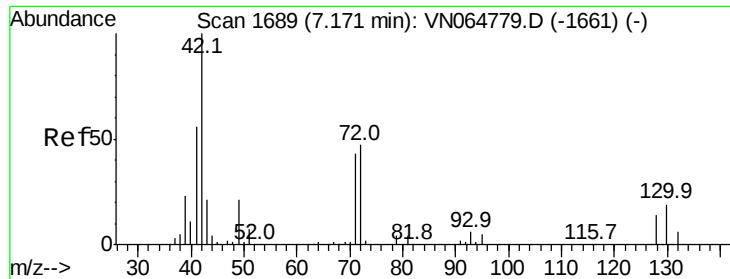
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 84.2 66.2 99.2

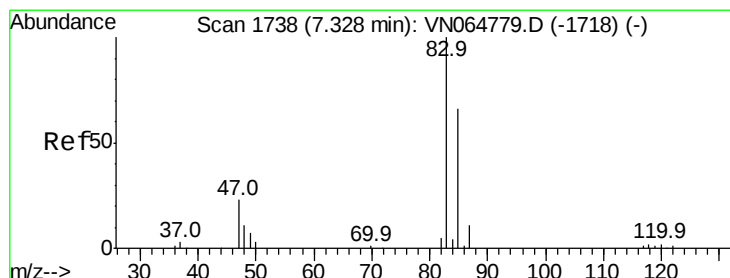
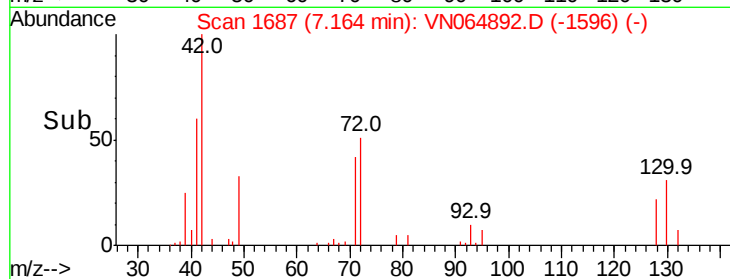
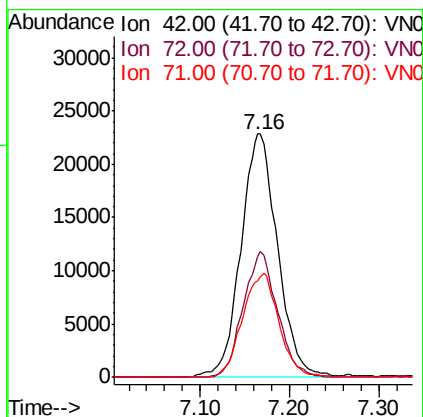
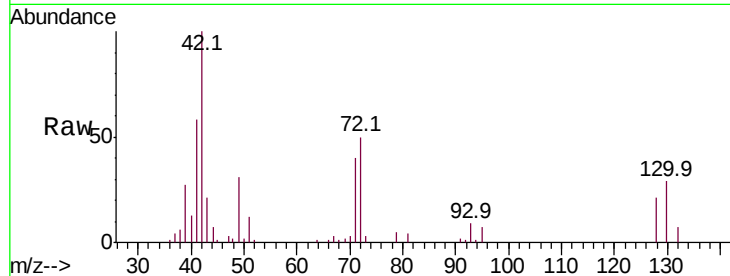




#29
Tetrahydrofuran
Concen: 80.451 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

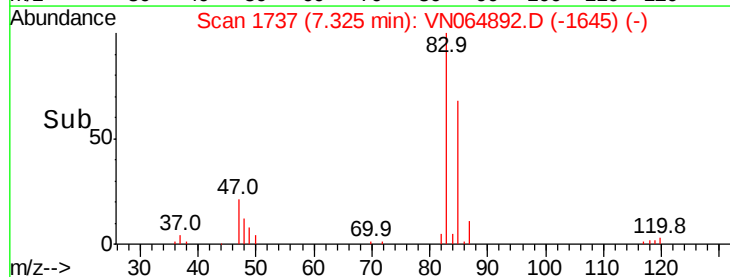
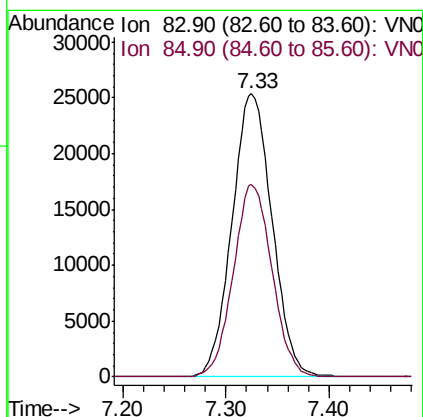
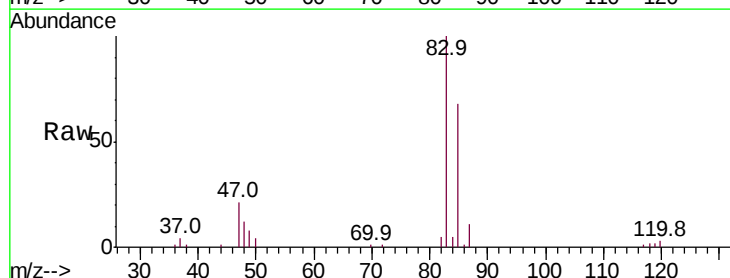
Instrument :
MSVOA_N
ClientSampled :
VN1203WBS01

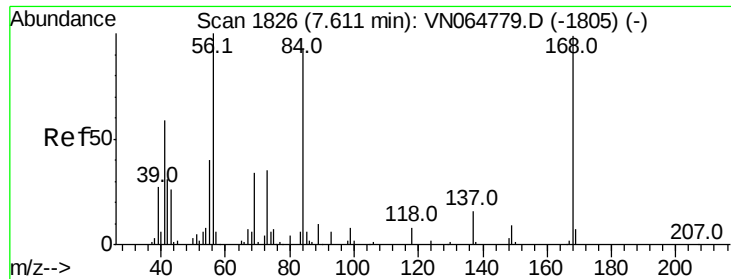
Tot Ion: 42 Resp: 65200
Ion Ratio Lower Upper
42 100
72 48.2 36.6 54.8
71 42.4 33.6 50.4



#30
Chloroform
Concen: 18.362 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 83 Resp: 68654
Ion Ratio Lower Upper
83 100
85 67.9 52.6 78.8

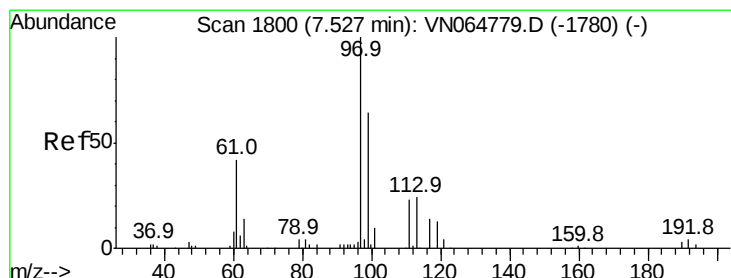
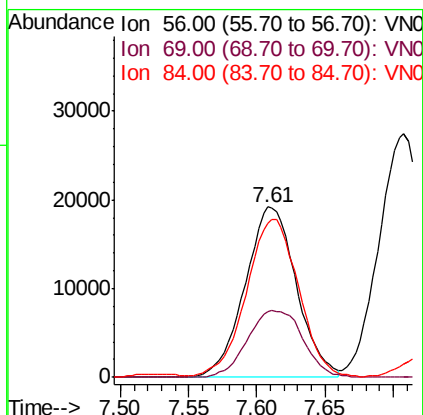
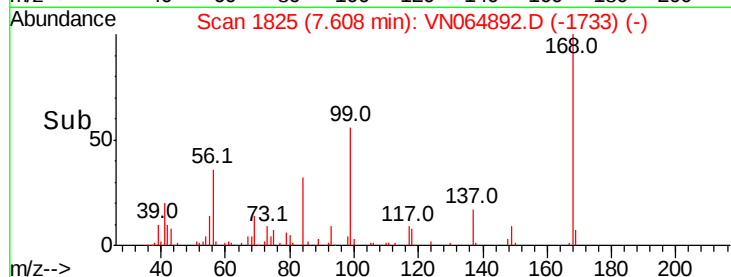
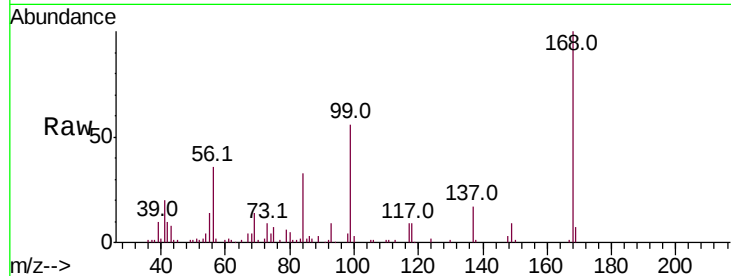




#31
Cyclohexane
Concen: 16.380 ug/l
RT: 7.61 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

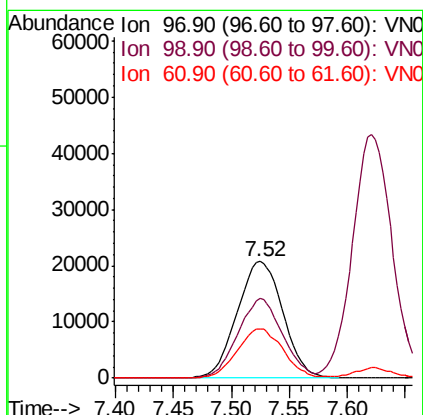
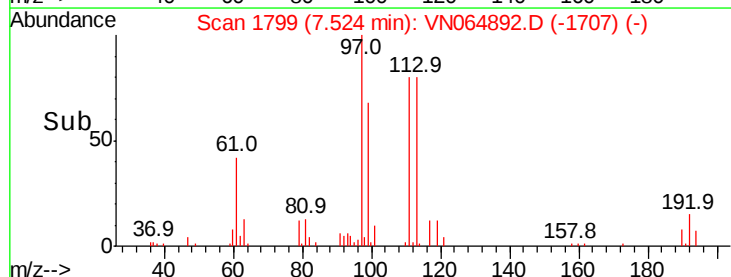
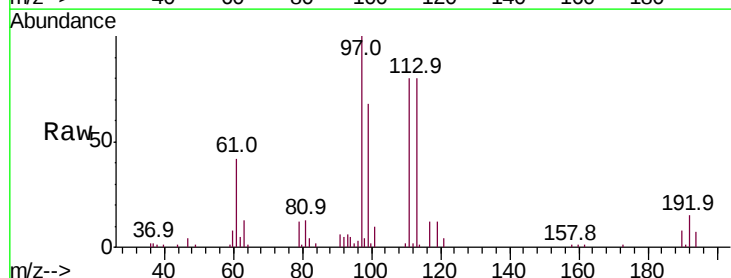
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

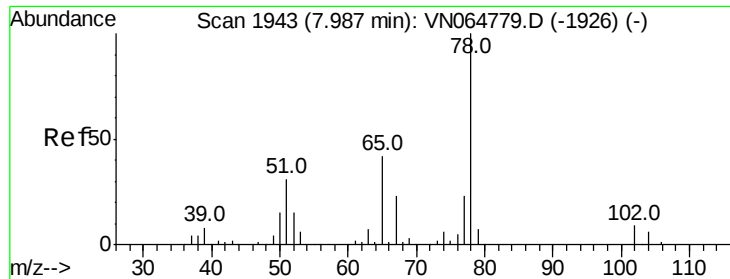
Tot Ion: 56 Resp: 50298
Ion Ratio Lower Upper
56 100
69 38.4 27.5 41.3
84 89.7 73.9 110.9



#32
1,1,1-Trichloroethane
Concen: 17.713 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 97 Resp: 56881
Ion Ratio Lower Upper
97 100
99 66.6 51.7 77.5
61 42.5 33.9 50.9

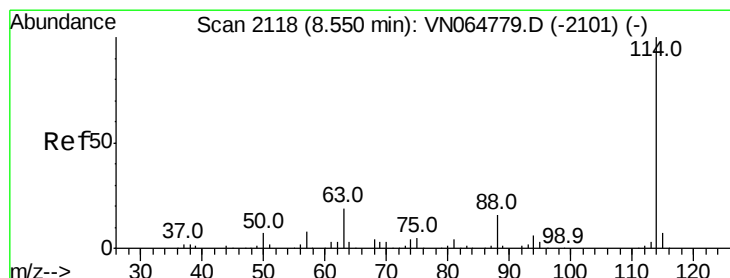
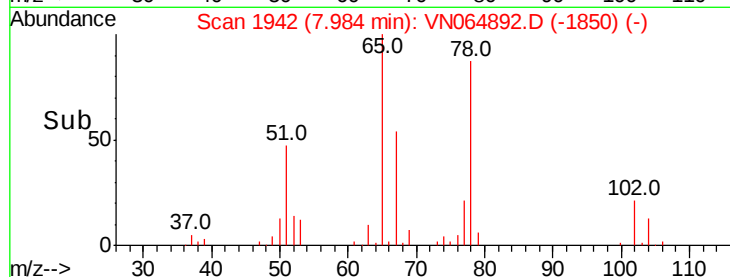
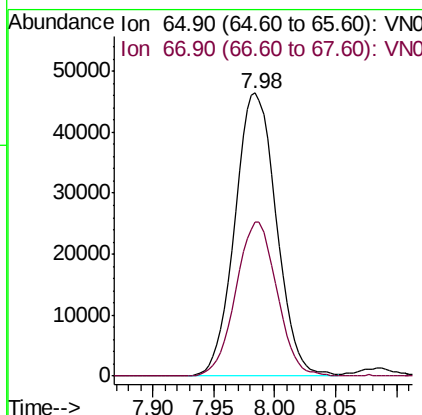
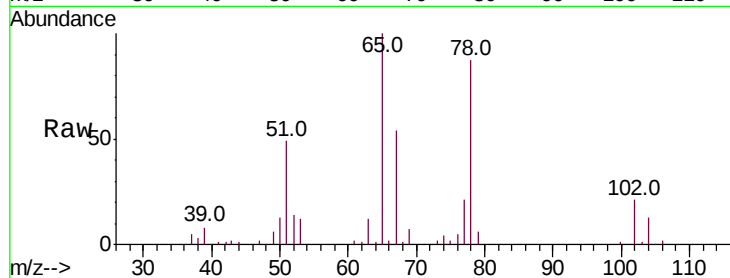




#33
 1,2-Dichloroethane-d4
 Concen: 49.705 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

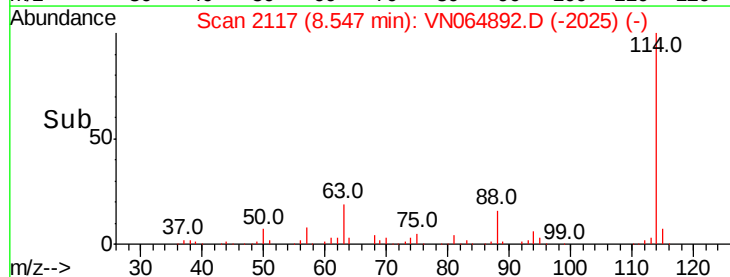
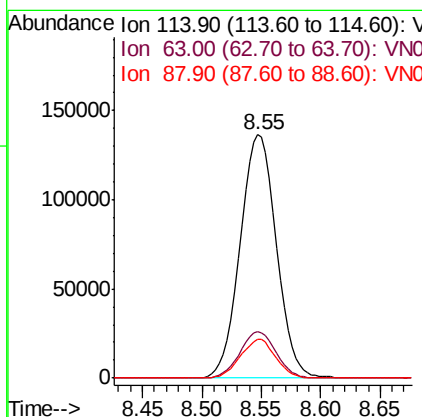
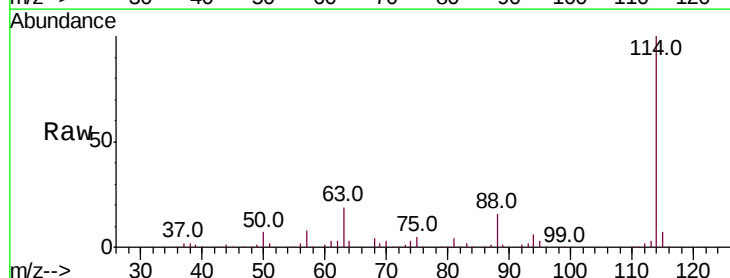
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

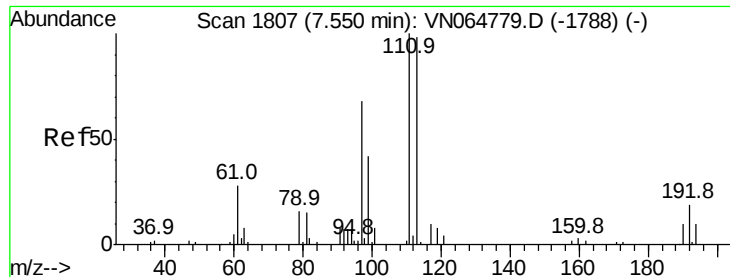
Tot Ion: 65 Resp: 109509
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

Tgt Ion: 114 Resp: 287915
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.8 0.0 32.6

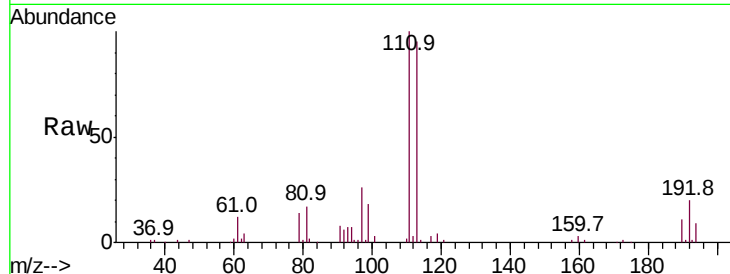




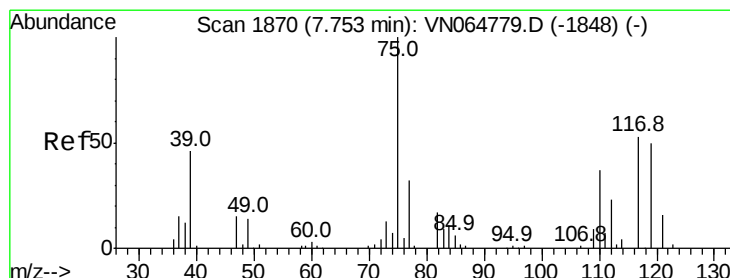
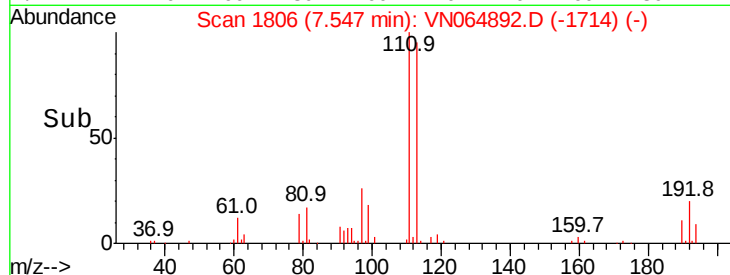
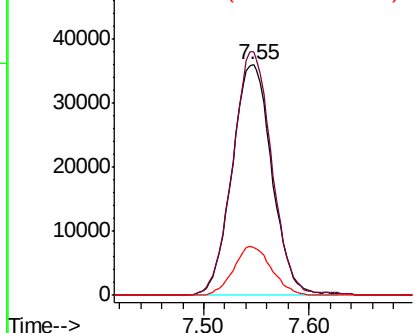
#35
 Dibromofluoromethane
 Concen: 54.767 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tot Ion:113 Resp: 94352
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.6 122.4
 192 20.0 16.2 24.2

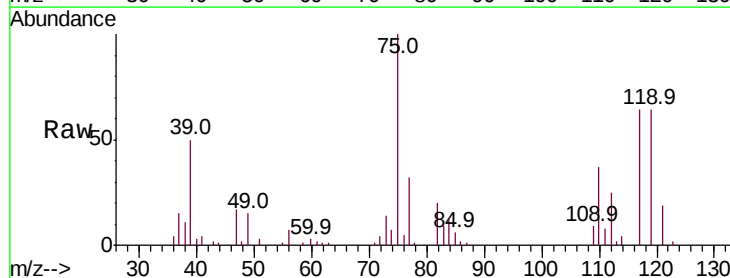


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

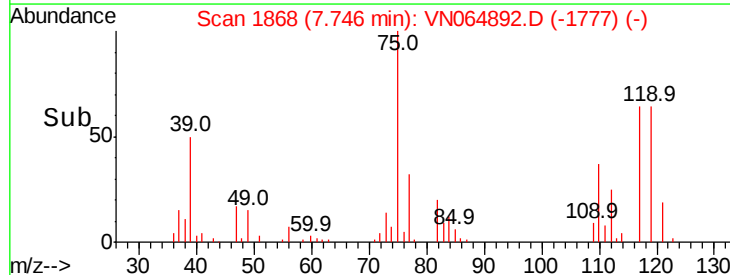
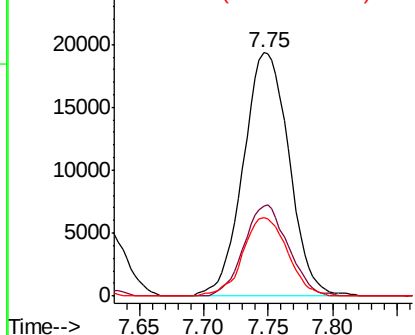


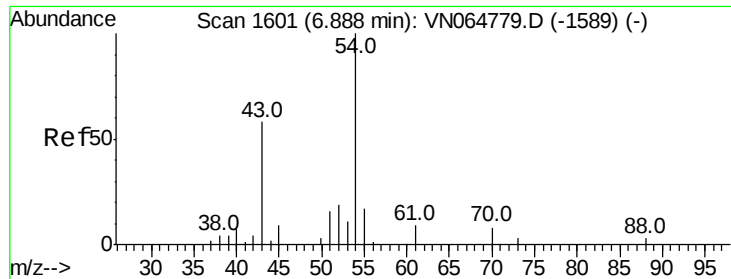
#36
 1,1-Dichloropropene
 Concen: 17.907 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

Tgt Ion: 75 Resp: 47787
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.8 53.3
 77 31.7 25.0 37.4



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

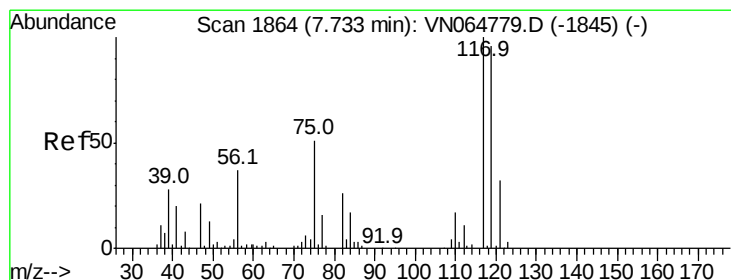
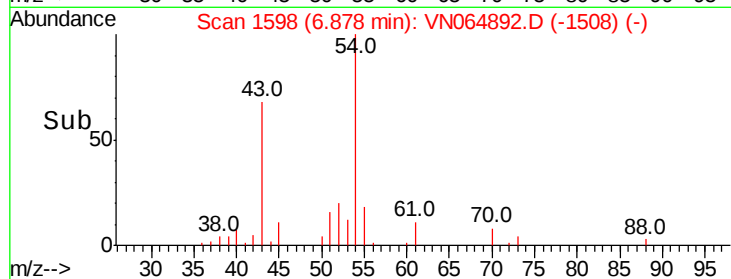
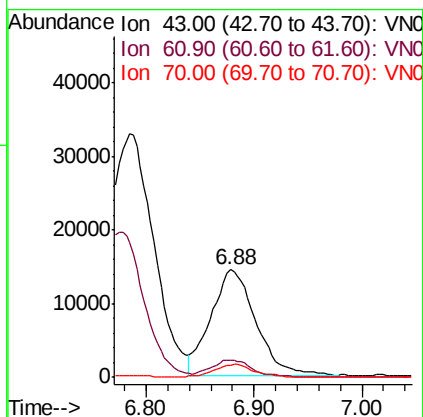
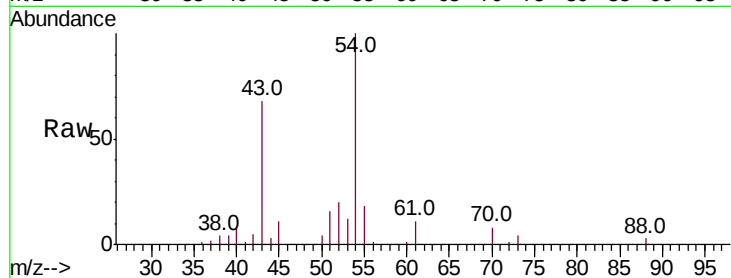




#37
Ethyl Acetate
Concen: 16.327 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

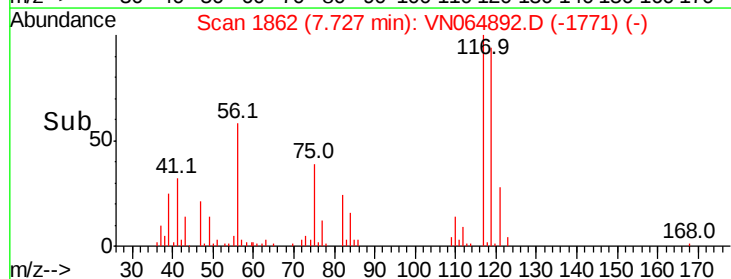
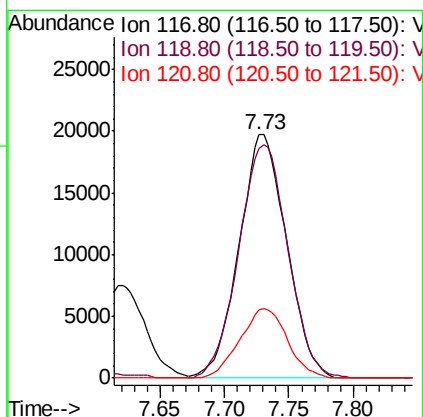
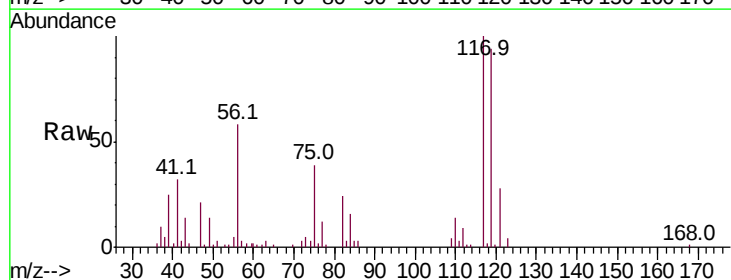
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

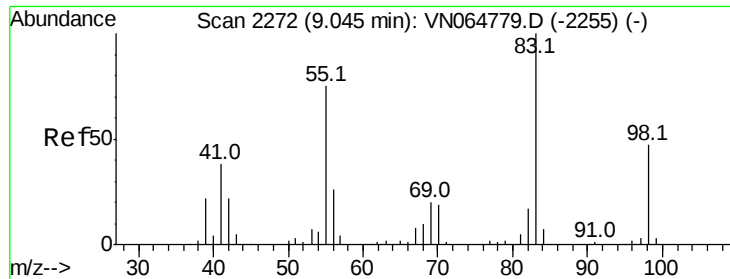
Tot Ion: 43 Resp: 41972
Ion Ratio Lower Upper
43 100
61 15.0 12.8 19.2
70 10.6 8.8 13.2



#38
Carbon Tetrachloride
Concen: 18.237 ug/l
RT: 7.73 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 117 Resp: 50639
Ion Ratio Lower Upper
117 100
119 94.3 76.7 115.1
121 28.2 25.4 38.2

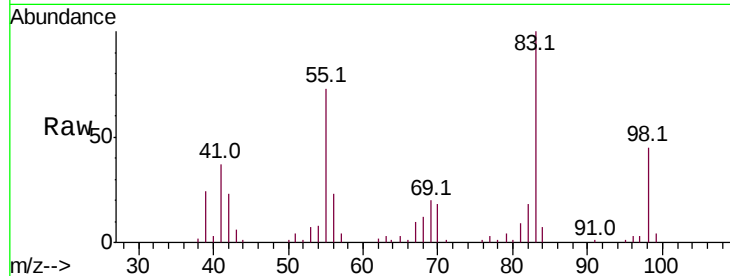




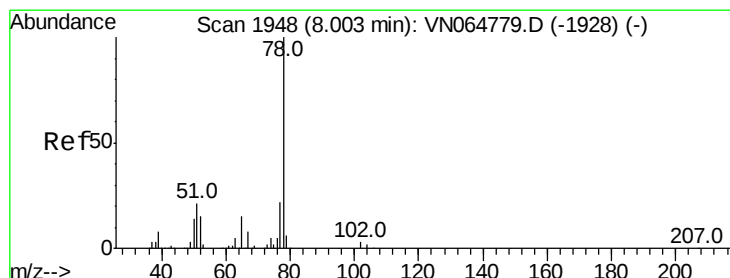
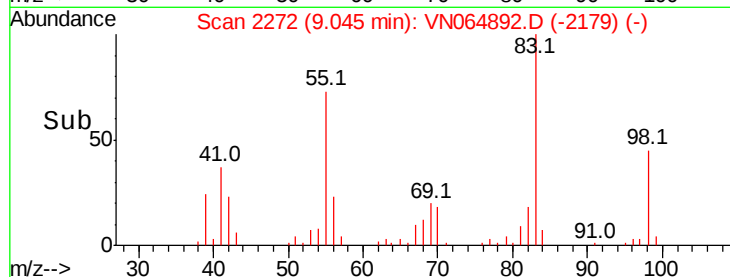
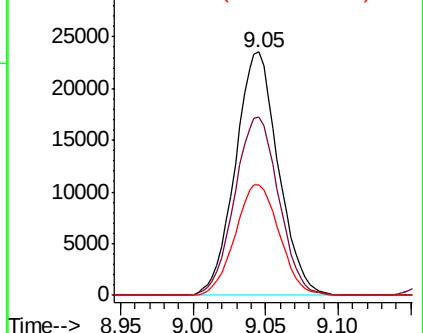
#39
Methvlcvclohexane
Concen: 16.876 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion: 83 Resp: 48481
Ion Ratio Lower Upper
83 100
55 73.1 60.2 90.2
98 45.3 37.4 56.2

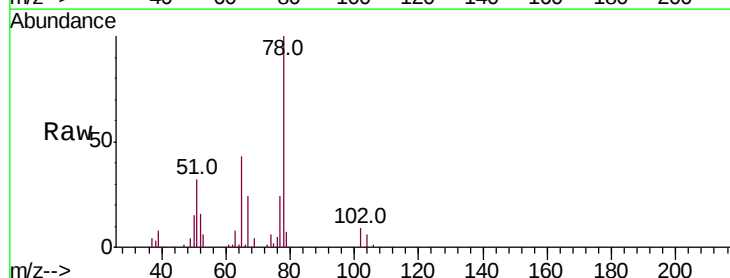


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

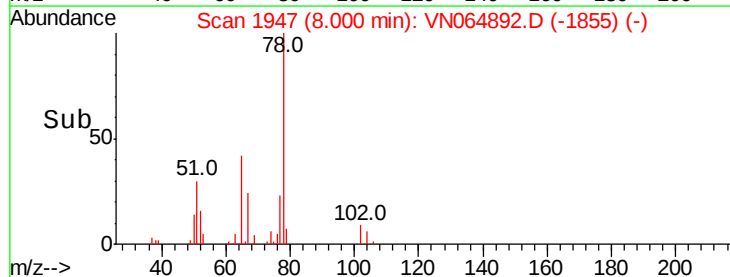
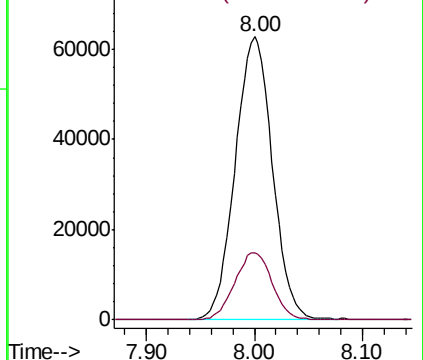


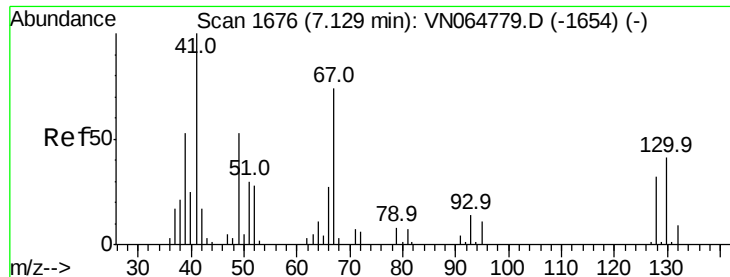
#40
Benzene
Concen: 18.405 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 78 Resp: 150516
Ion Ratio Lower Upper
78 100
77 23.9 17.9 26.9



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

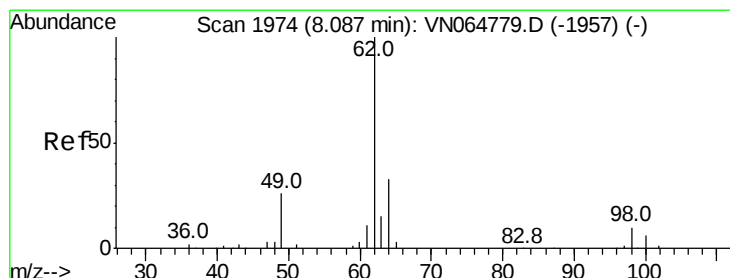
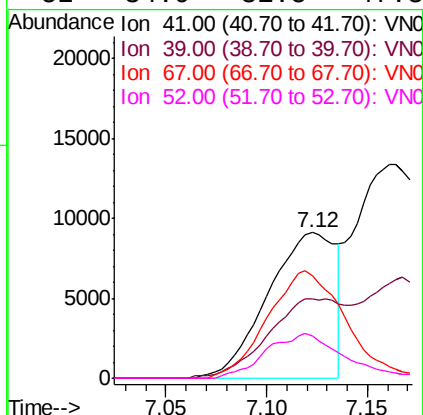
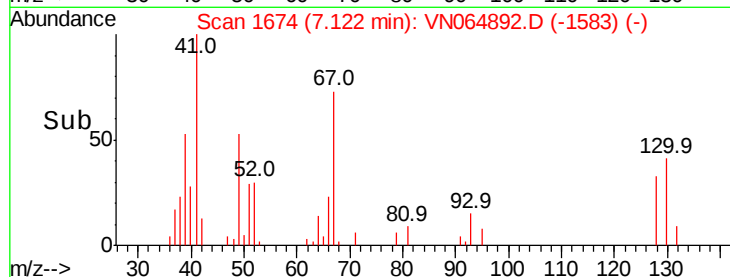
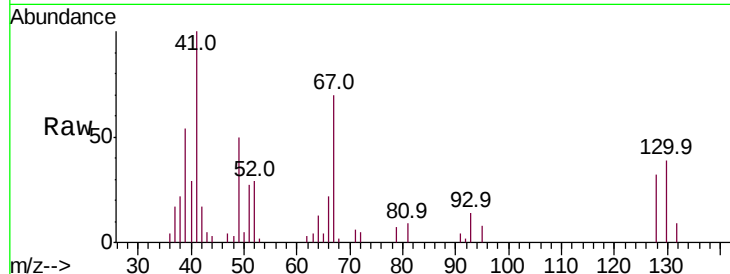




#41
Methacrylonitrile
Concen: 17.857 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

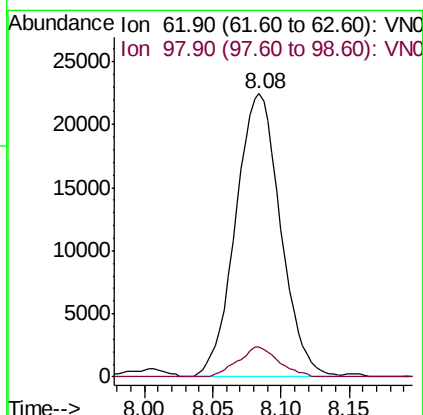
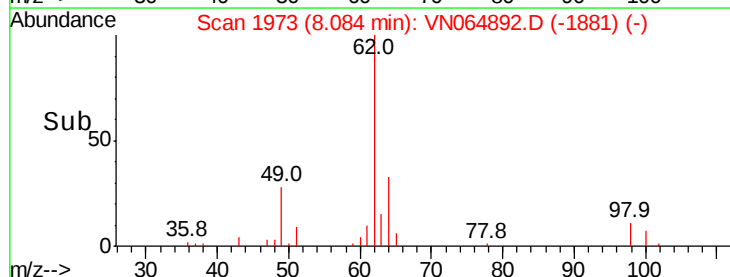
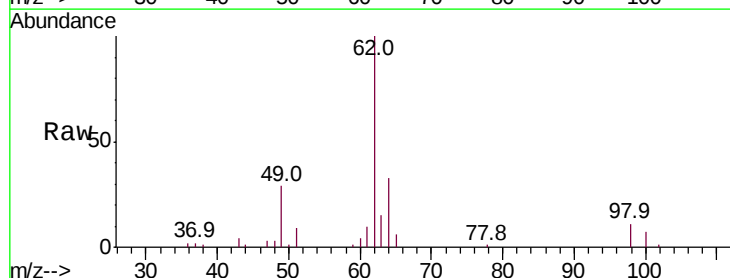
Instrument :
MSVOA_N
ClientSampled :
VN1203WBS01

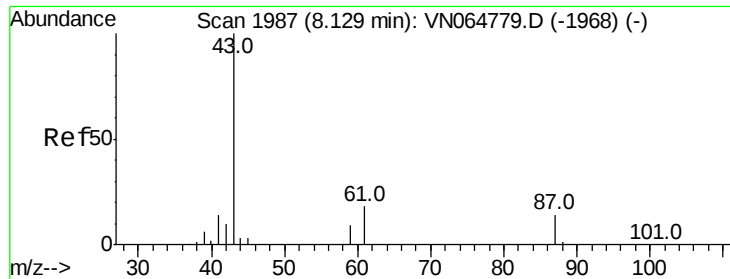
Tot Ion: 41 Resp: 21181
Ion Ratio Lower Upper
41 100
39 59.1 51.0 76.6
67 84.9 79.8 119.8
52 34.9 31.5 47.3



#42
1,2-Dichloroethane
Concen: 18.648 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 62 Resp: 51446
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.6





#43

Isopropyl Acetate

Concen: 17.066 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

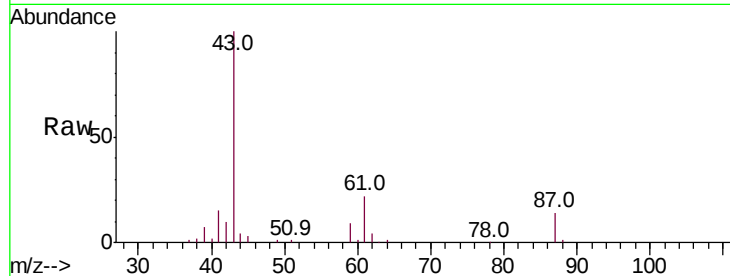
Tot Ion: 43 Resp: 70594

Ion Ratio Lower Upper

43 100

61 28.3 17.2 25.8#

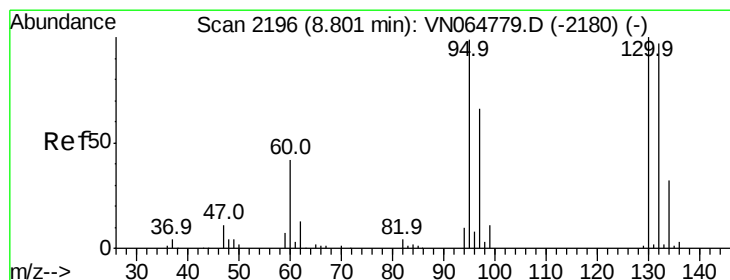
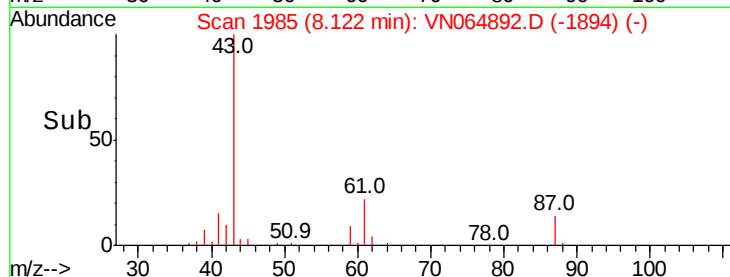
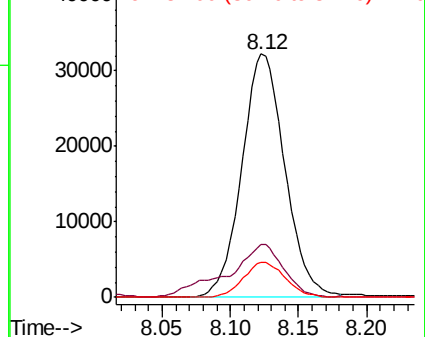
87 13.9 11.4 17.0



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: 17.897 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064892.D

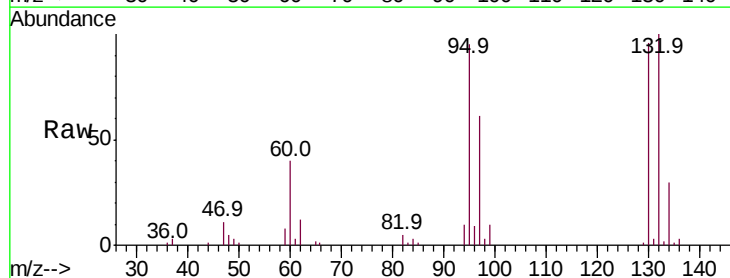
Acq: 3 Dec 2020 12:18

Tgt Ion:130 Resp: 43183

Ion Ratio Lower Upper

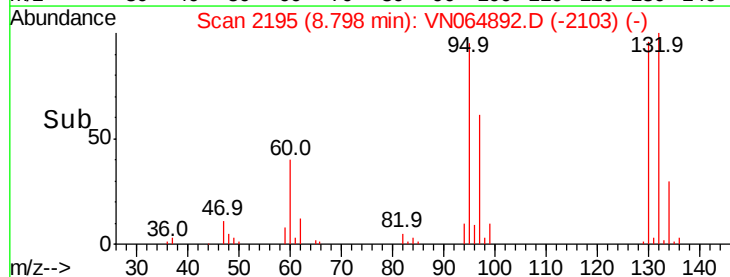
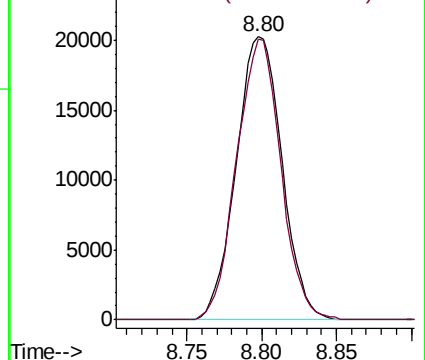
130 100

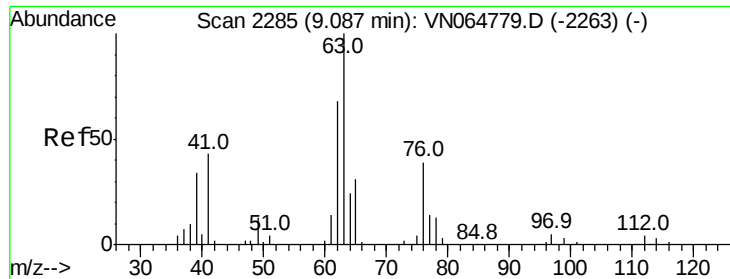
95 99.2 0.0 197.8



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

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

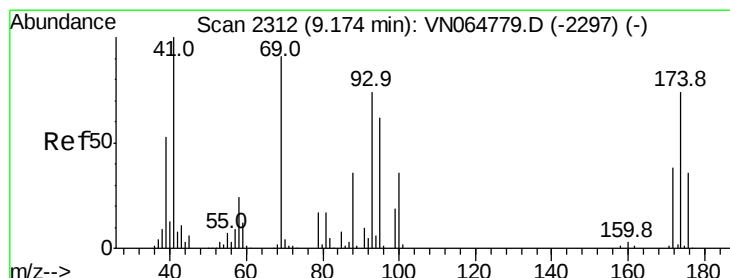
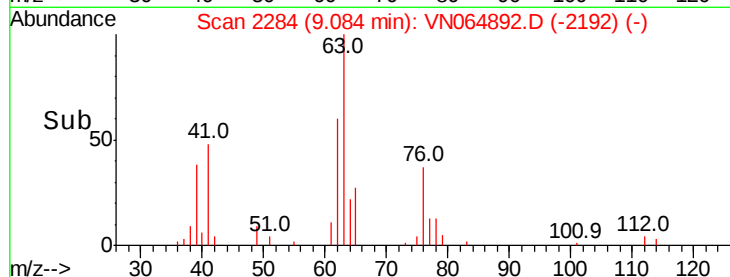
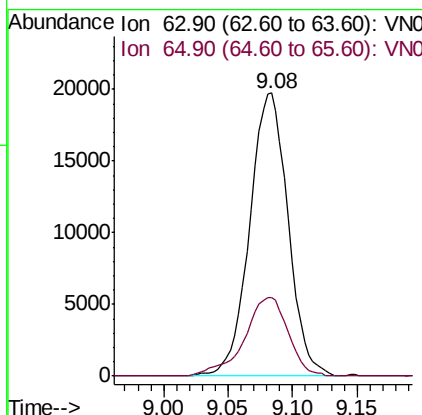
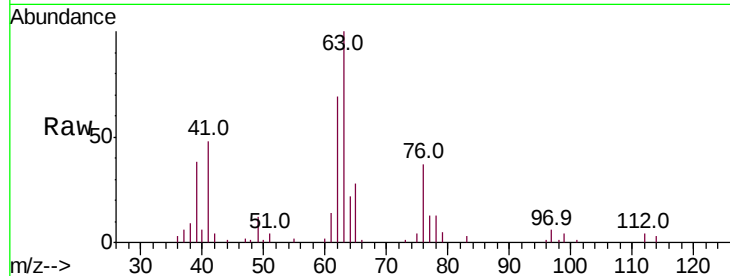




#45
 1,2-Dichloropropane
 Concen: 19.360 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

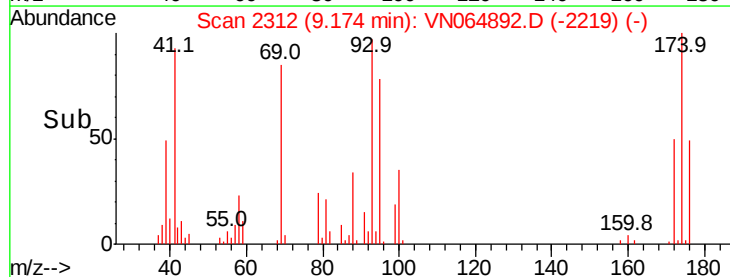
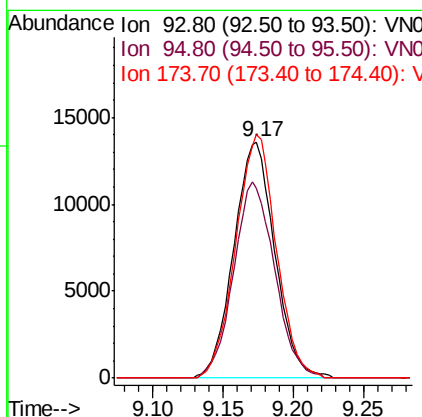
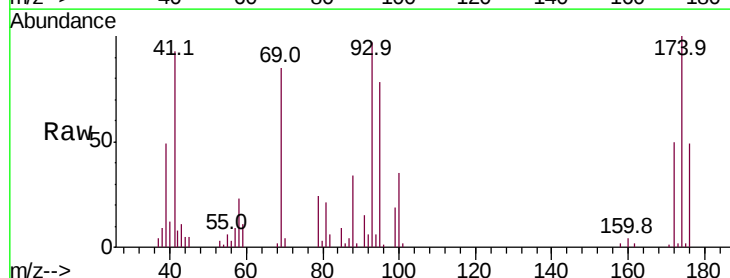
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

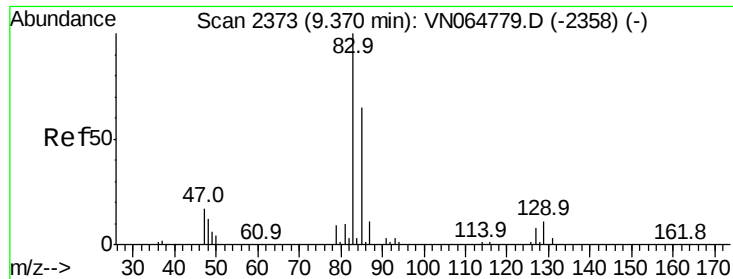
Tot Ion: 63 Resp: 41000
 Ion Ratio Lower Upper
 63 100
 65 27.9 25.0 37.4



#46
 Dibromomethane
 Concen: 19.562 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

Tgt Ion: 93 Resp: 27677
 Ion Ratio Lower Upper
 93 100
 95 83.1 68.8 103.2
 174 101.7 83.1 124.7





#47

Bromodichloromethane

Concen: 18.833 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

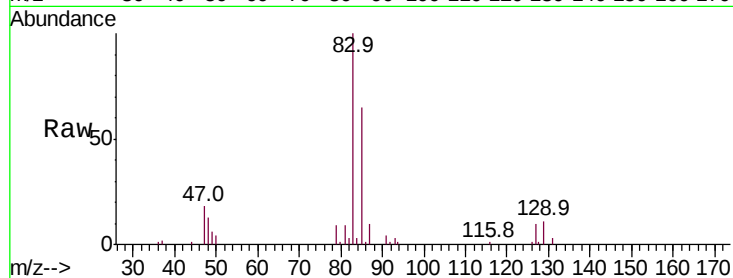
Tot Ion: 83 Resp: 53613

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.8

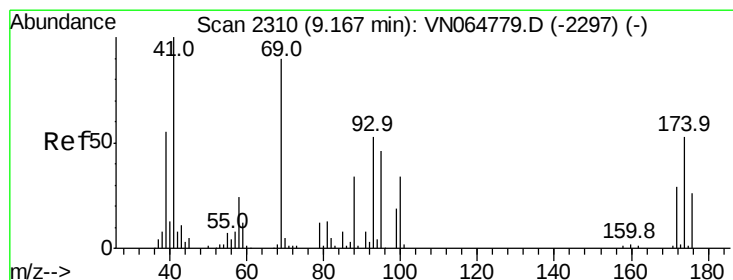
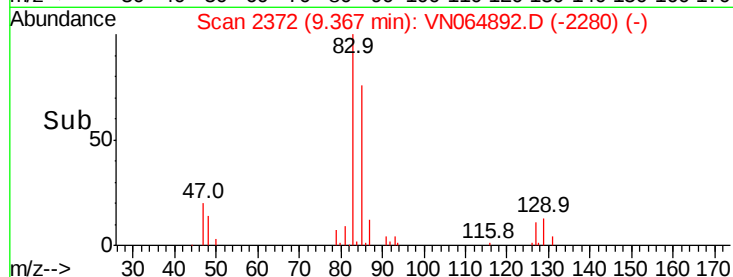
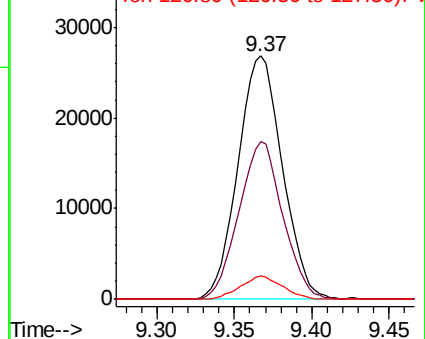
127 9.5 6.8 10.2



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: 16.712 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

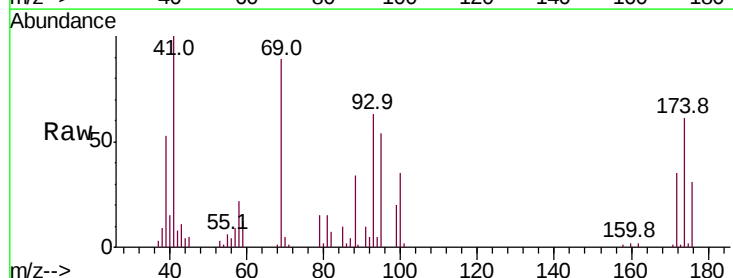
Tgt Ion: 41 Resp: 33033

Ion Ratio Lower Upper

41 100

69 91.5 71.8 107.8

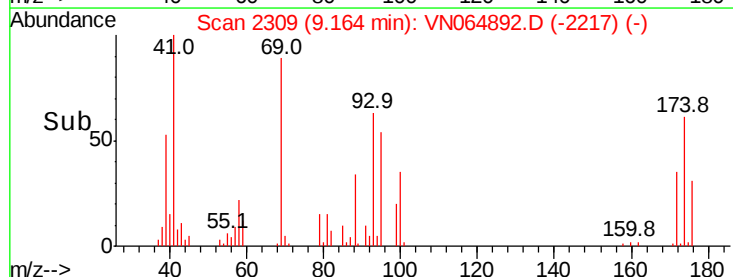
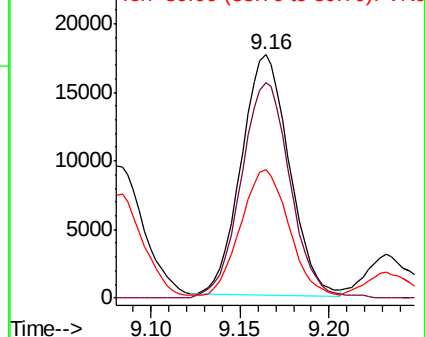
39 54.8 44.1 66.1

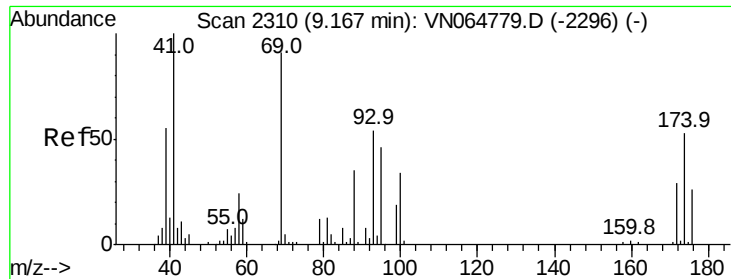


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

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

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

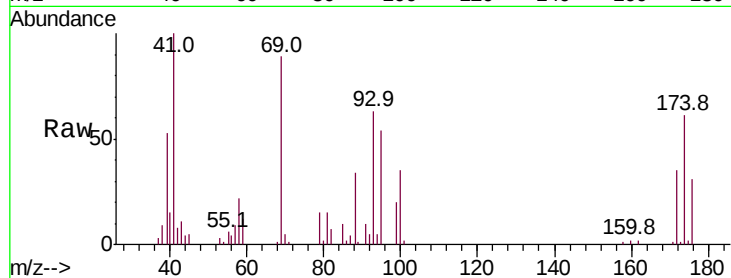




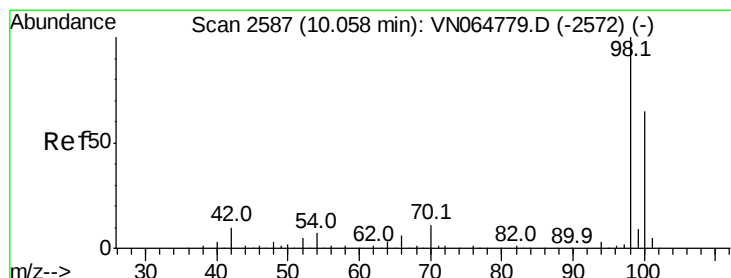
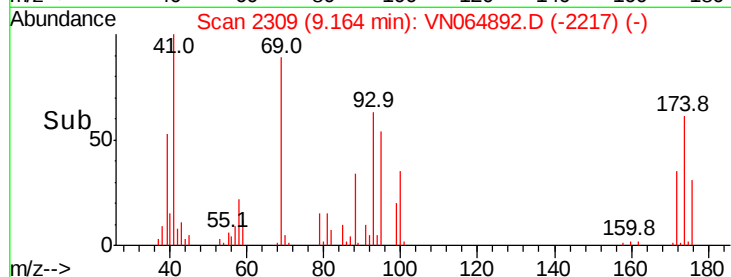
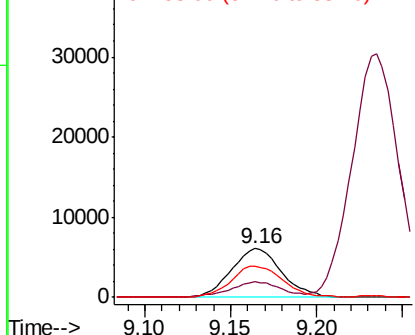
#49
 1,4-Dioxane
 Concen: 330.053 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tot Ion: 88 Resp: 12330
 Ion Ratio Lower Upper
 88 100
 43 32.3 24.2 36.4
 58 66.0 52.5 78.7

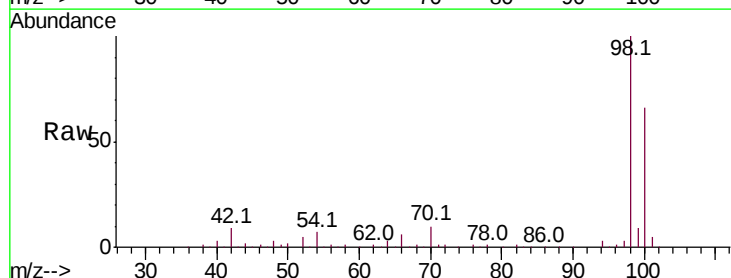


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

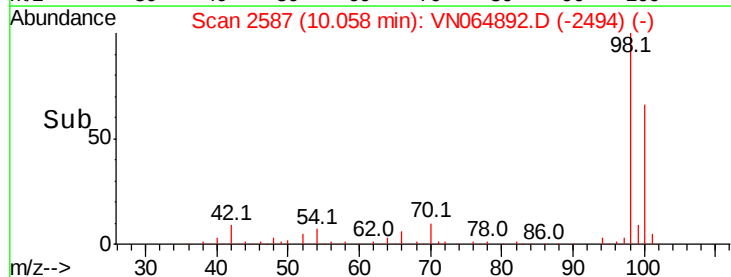
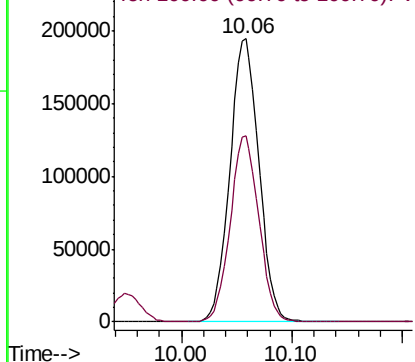


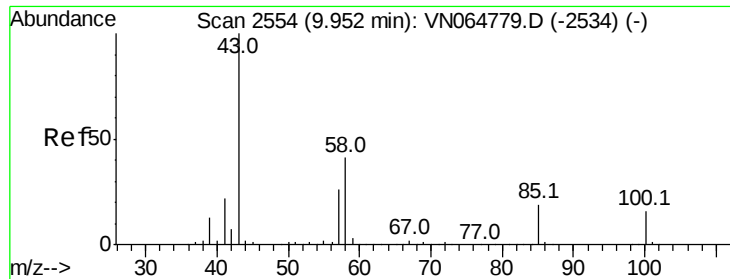
#50
 Toluene-d8
 Concen: 50.627 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

Tgt Ion: 98 Resp: 356374
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 85.936 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

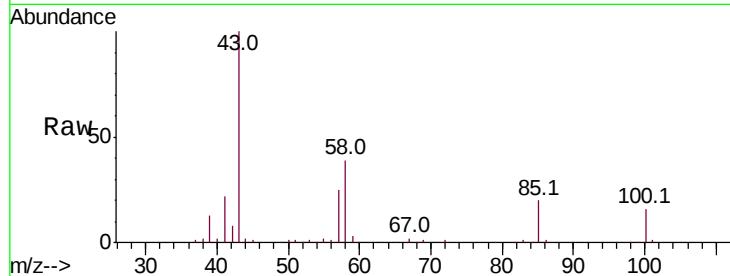
VN1203WBS01

Tot Ion: 43 Resp: 213409

Ion Ratio Lower Upper

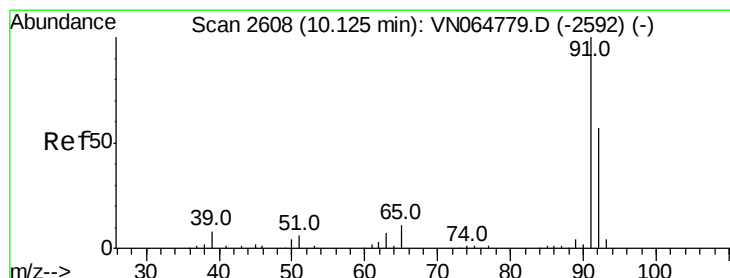
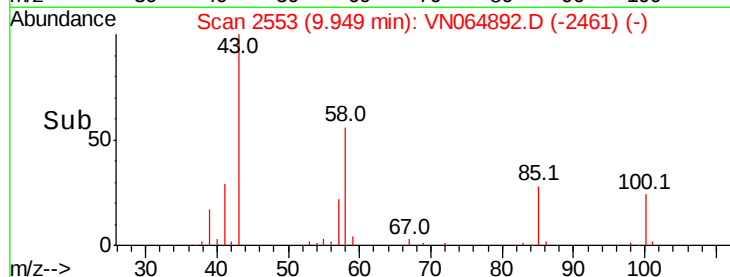
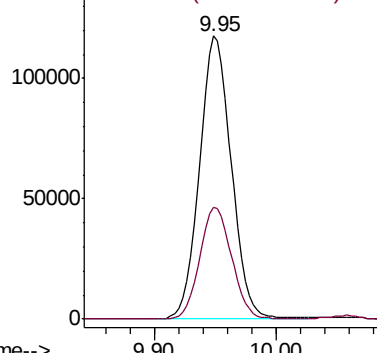
43 100

58 39.6 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.543 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064892.D

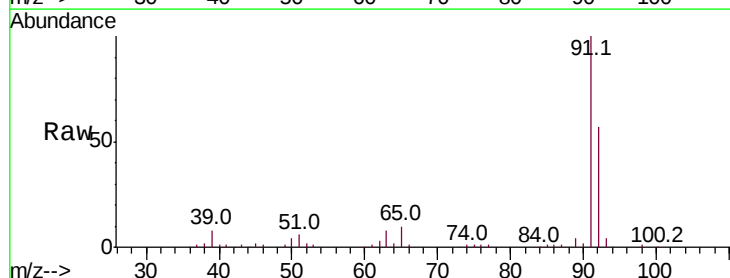
Acq: 3 Dec 2020 12:18

Tgt Ion: 92 Resp: 93385

Ion Ratio Lower Upper

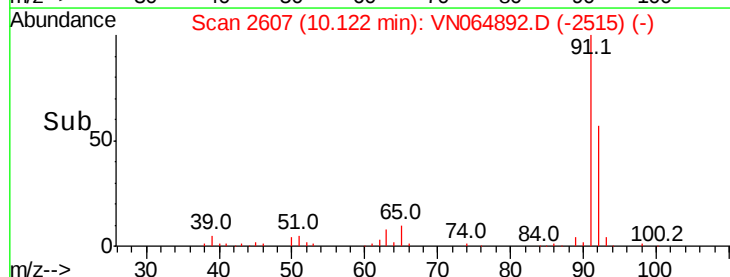
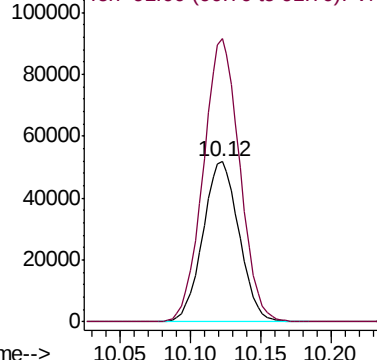
92 100

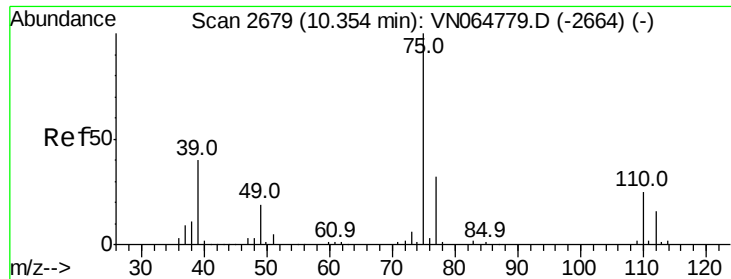
91 177.4 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.068 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

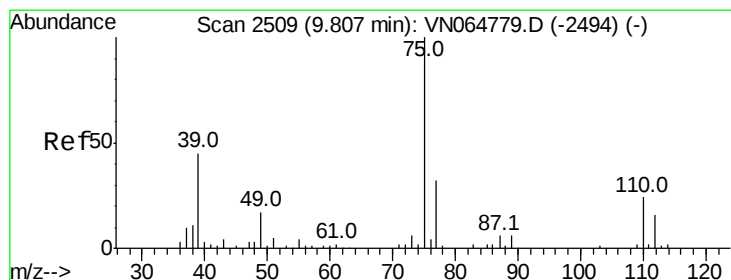
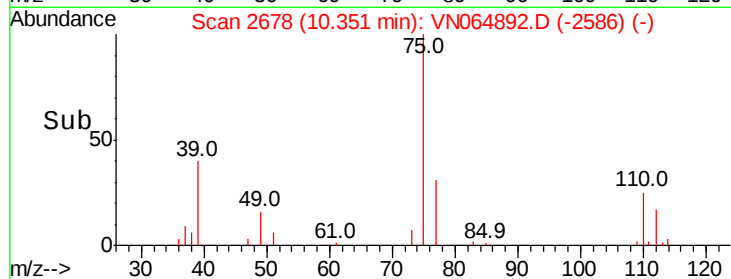
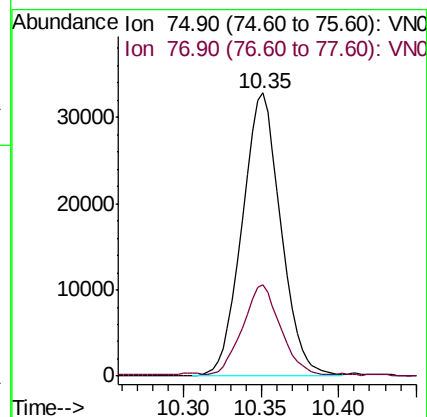
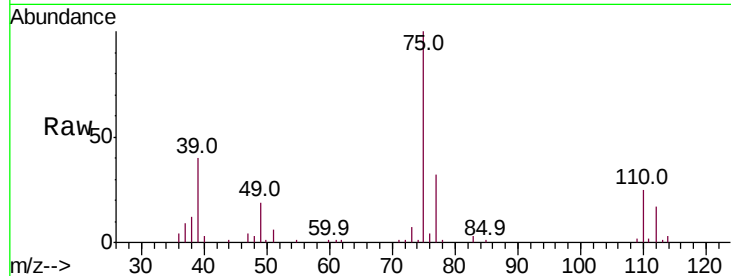
VN1203WBS01

Tot Ion: 75 Resp: 57289

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 18.887 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

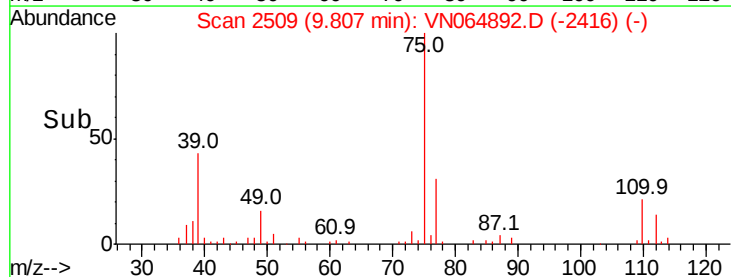
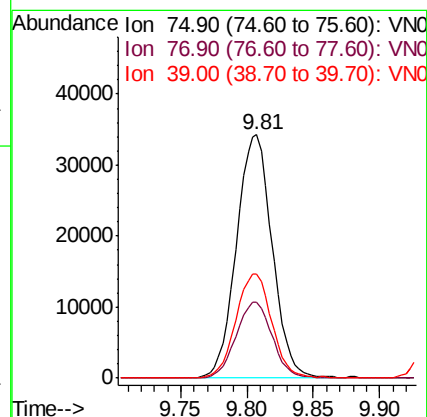
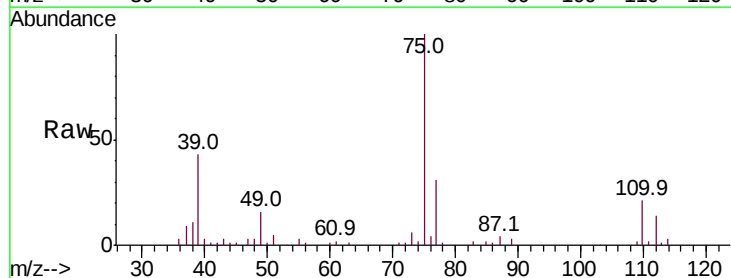
Tgt Ion: 75 Resp: 64191

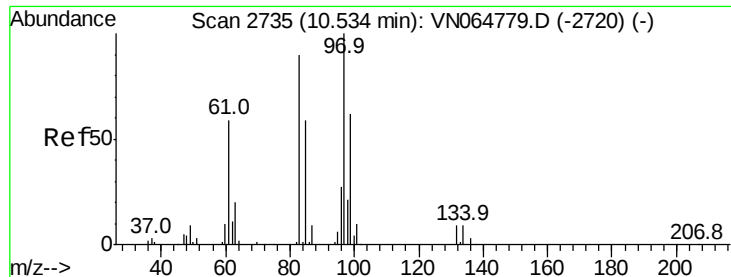
Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3

39 43.0 35.6 53.4

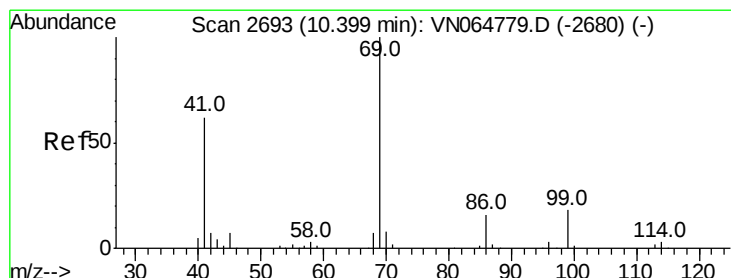
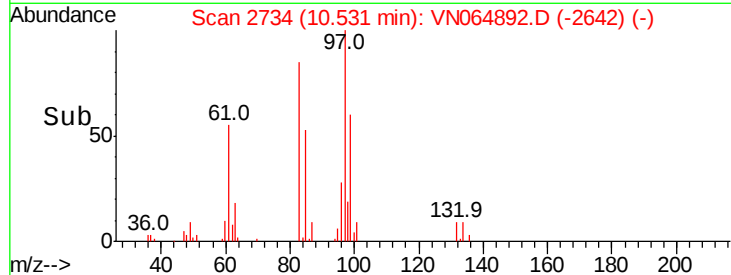
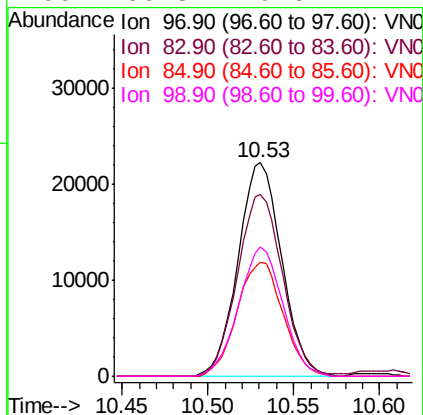
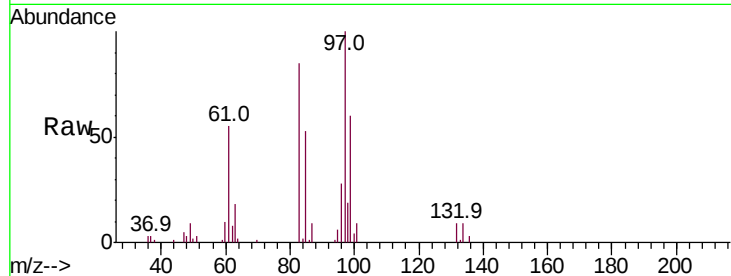




#55
 1,1,2-Trichloroethane
 Concen: 18.863 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

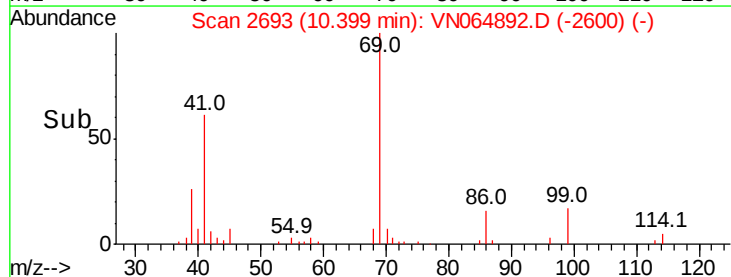
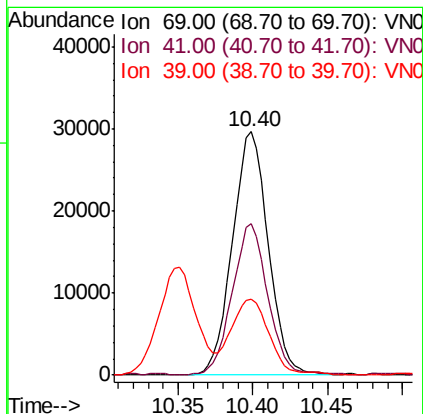
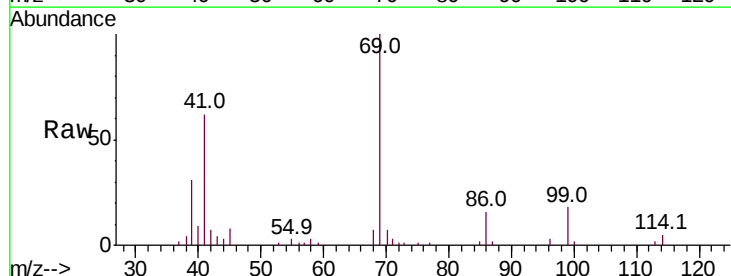
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

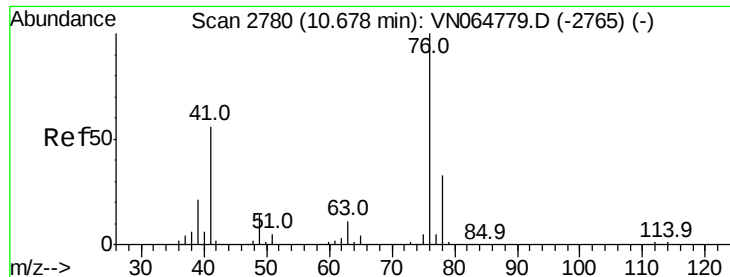
Tot Ion: 97 Resp: 39064
 Ion Ratio Lower Upper
 97 100
 83 85.3 72.1 108.1
 85 53.3 46.8 70.2
 99 60.3 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 17.350 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

Tgt Ion: 69 Resp: 49583
 Ion Ratio Lower Upper
 69 100
 41 61.6 49.4 74.0
 39 33.0 25.9 38.9





#57

1,3-Dichloropropane

Concen: 19.242 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

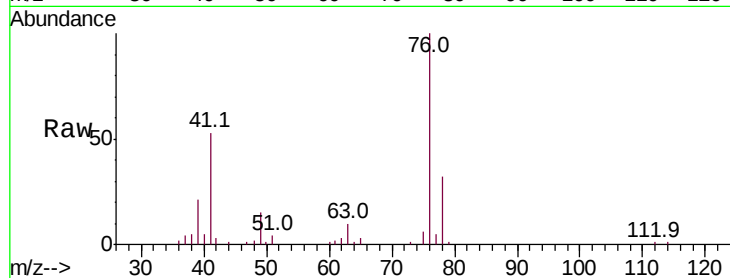
VN1203WBS01

Tot Ion: 76 Resp: 65734

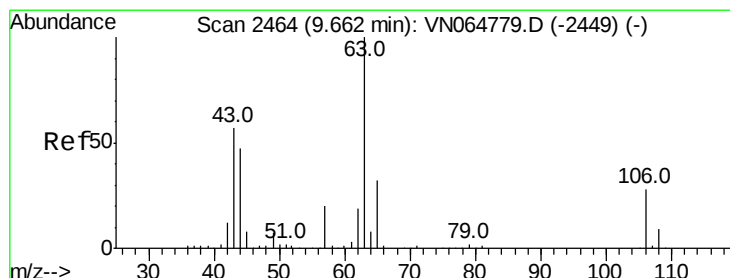
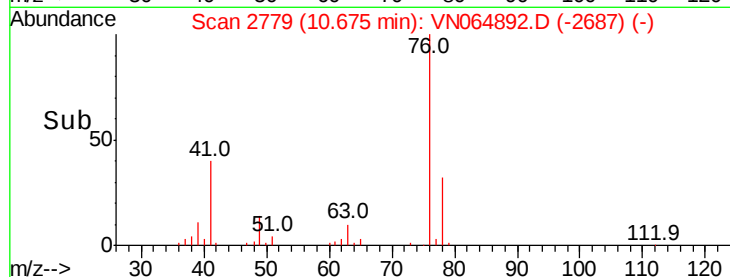
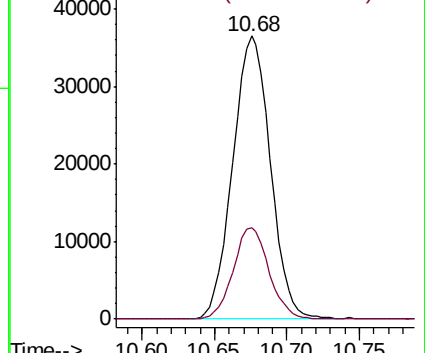
Ion Ratio Lower Upper

76 100

78 30.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN064779.D (-2765) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 87.072 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064892.D

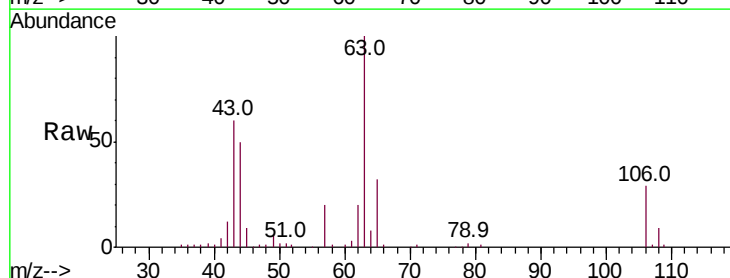
Acq: 3 Dec 2020 12:18

Tgt Ion: 63 Resp: 136877

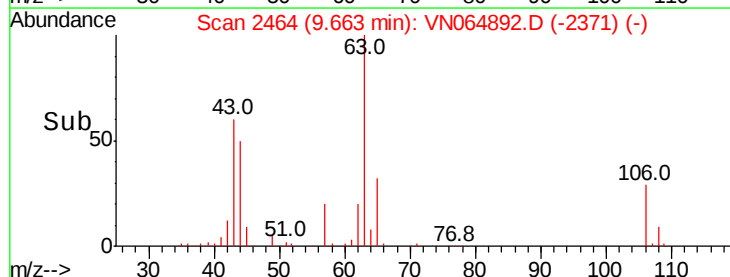
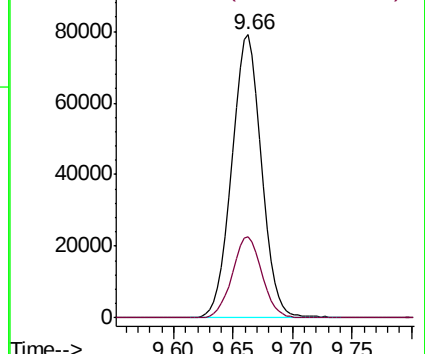
Ion Ratio Lower Upper

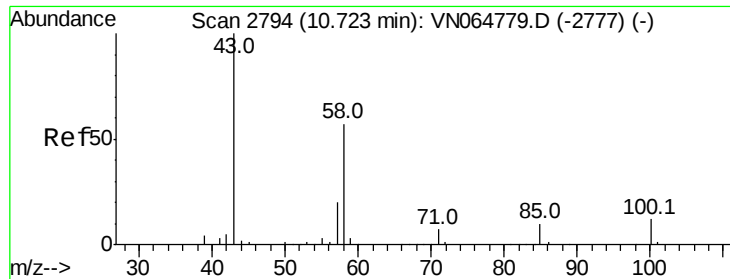
63 100

106 28.8 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN064779.D (-2449) (-)

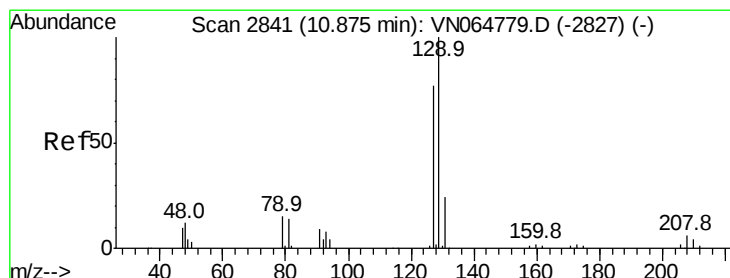
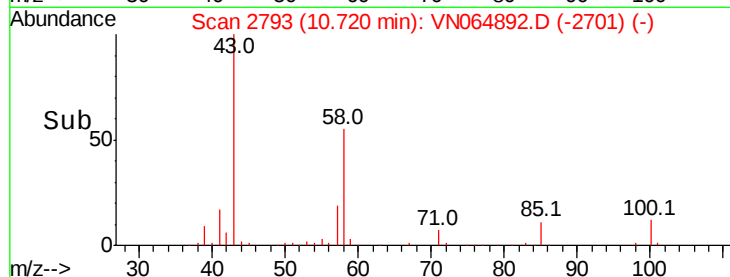
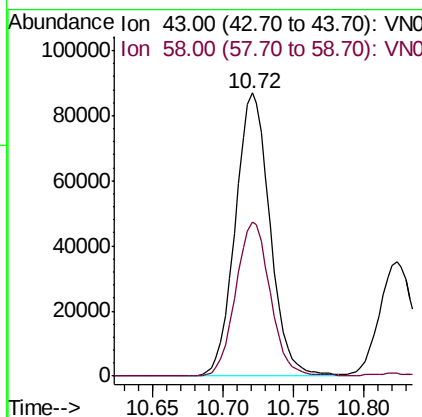
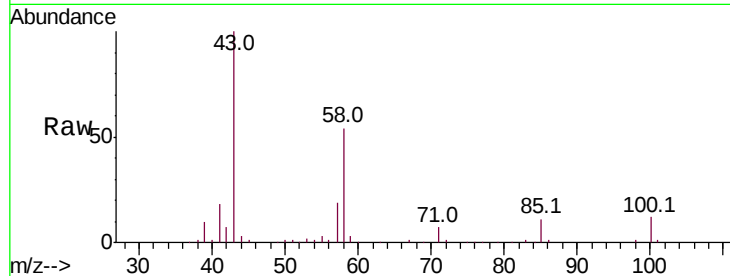




#59
2-Hexanone
Concen: 83.883 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

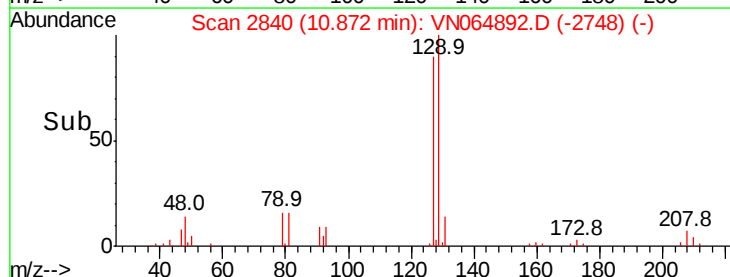
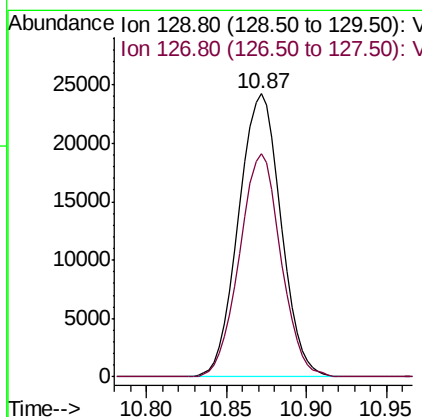
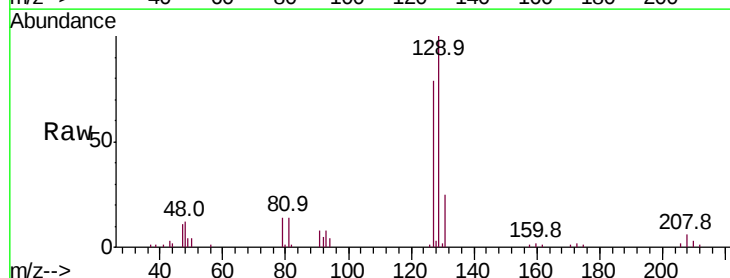
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

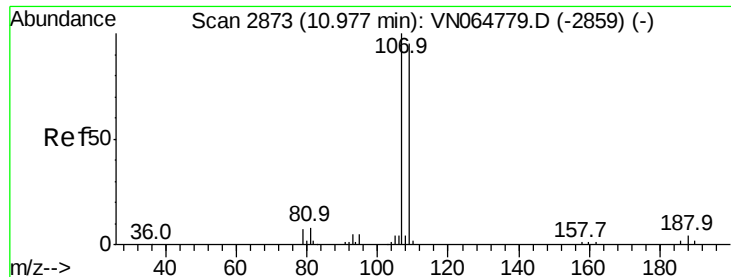
Tot Ion: 43 Resp: 149918
Ion Ratio Lower Upper
43 100
58 54.3 28.3 84.9



#60
Dibromochloromethane
Concen: 19.033 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 129 Resp: 43814
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.736 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

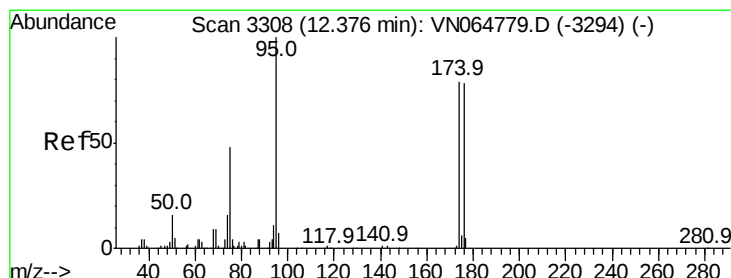
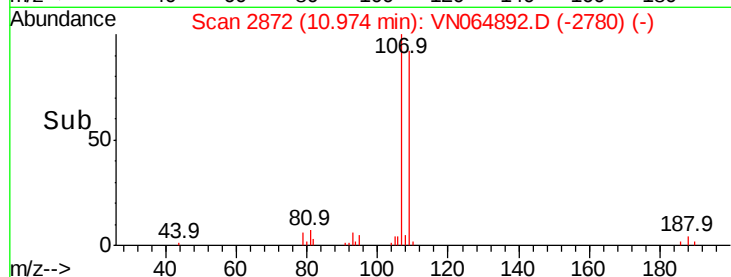
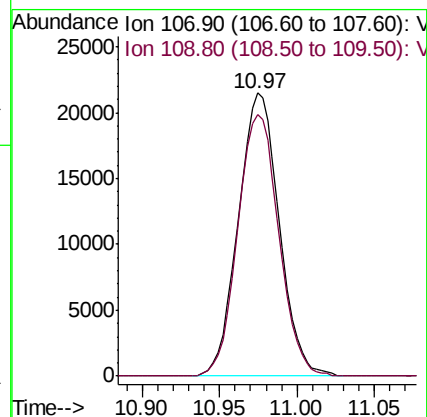
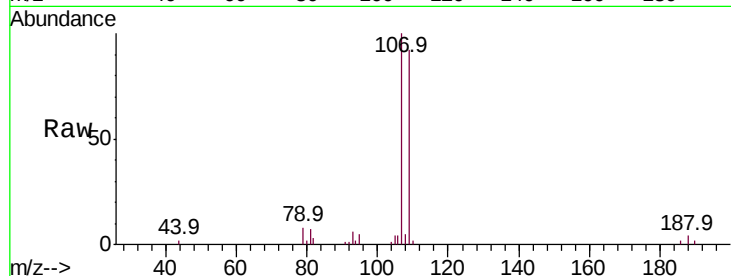
VN1203WBS01

Tot Ion:107 Resp: 39421

Ion Ratio Lower Upper

107 100

109 92.9 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 49.987 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

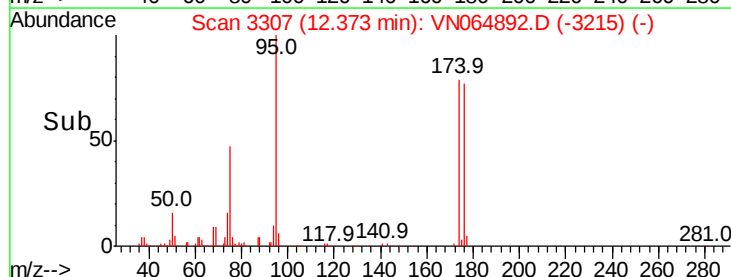
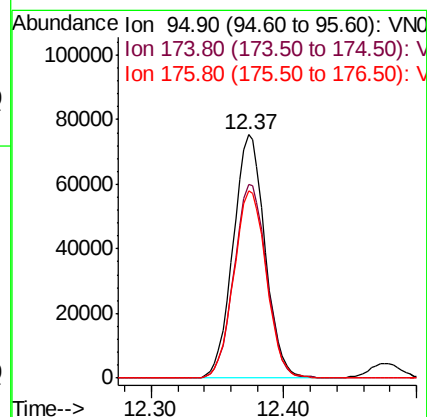
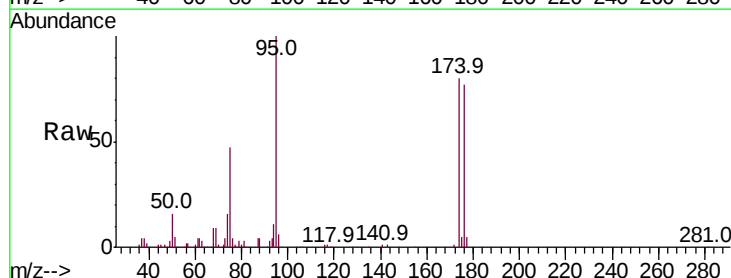
Tgt Ion: 95 Resp: 125926

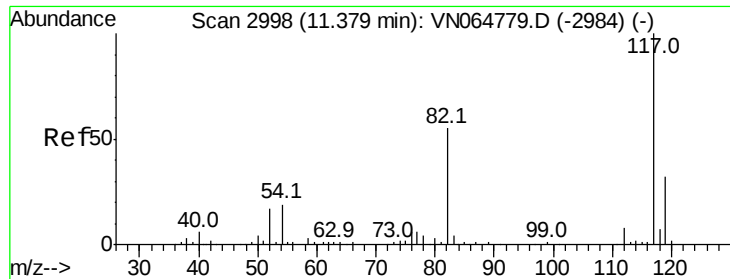
Ion Ratio Lower Upper

95 100

174 81.0 0.0 160.4

176 78.6 0.0 158.4

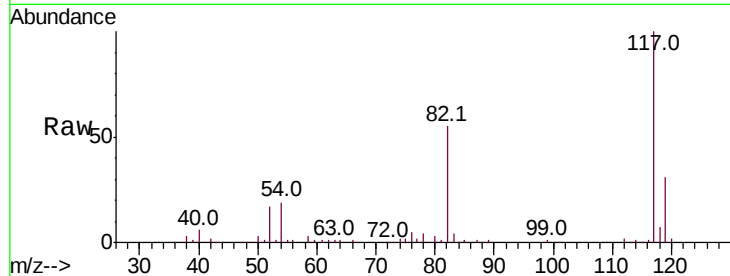




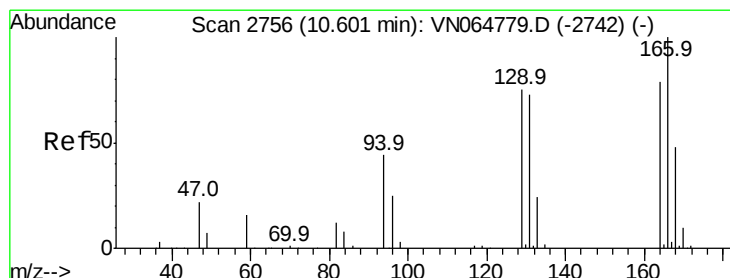
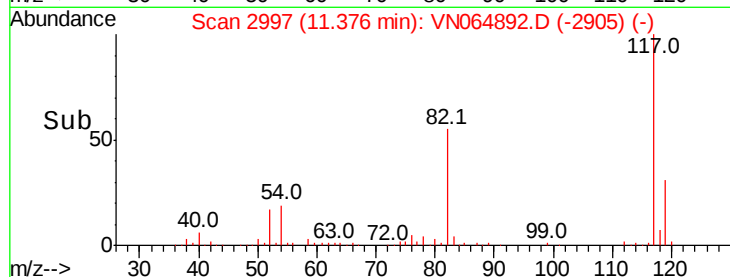
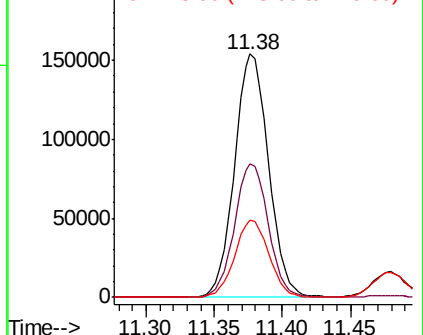
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion:117 Resp: 267021
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 31.5 25.8 38.6

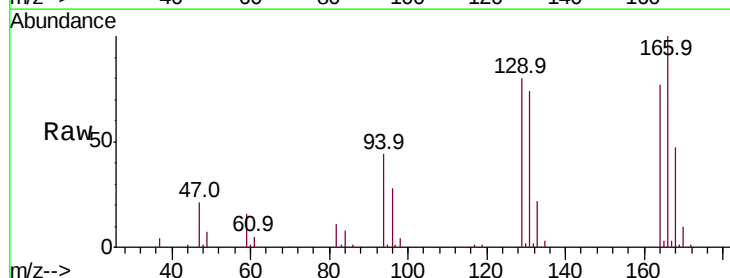


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

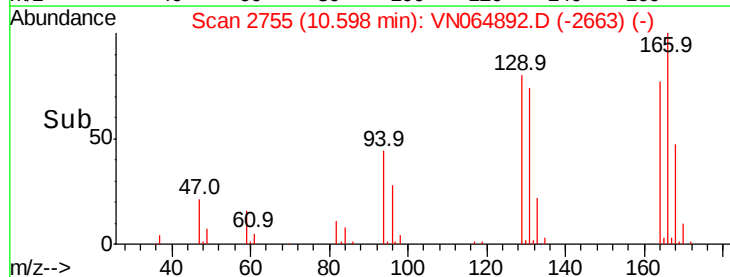
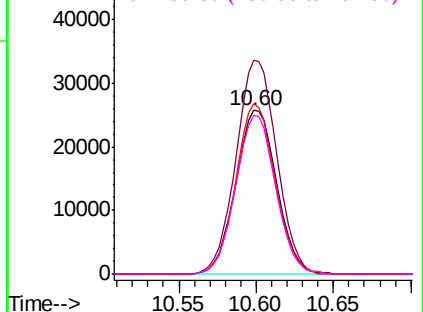


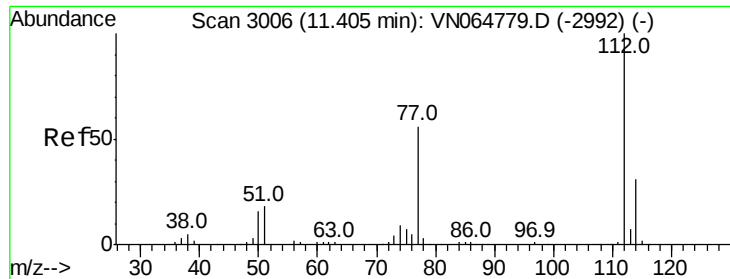
#64
Tetrachloroethene
Concen: 18.153 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion:164 Resp: 47158
Ion Ratio Lower Upper
164 100
166 130.5 101.4 152.0
129 104.3 76.1 114.1
131 96.8 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

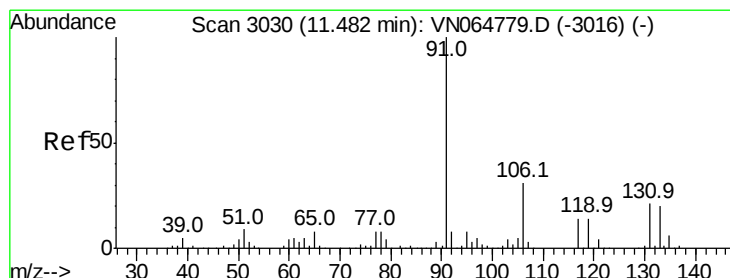
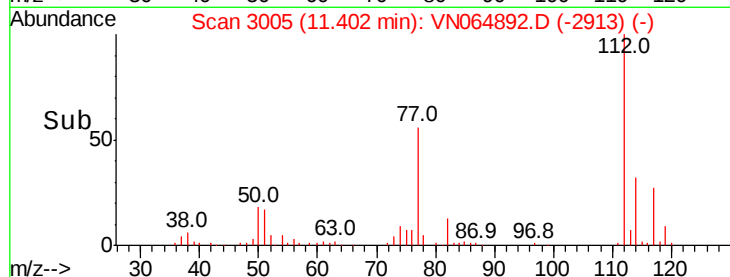
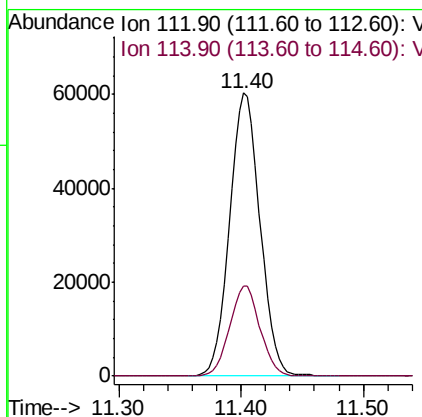
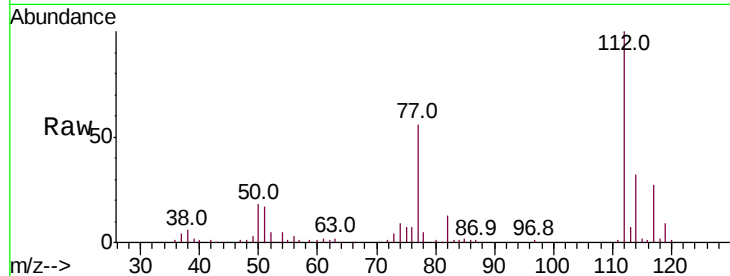




#65
Chlorobenzene
Concen: 18.265 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

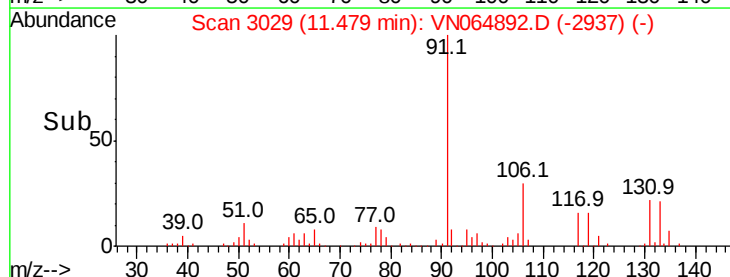
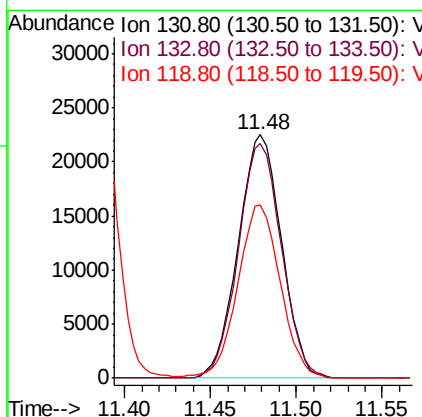
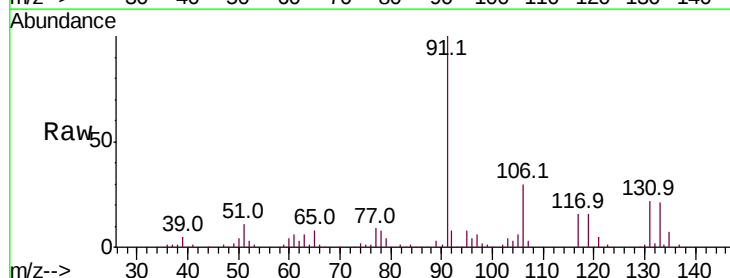
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

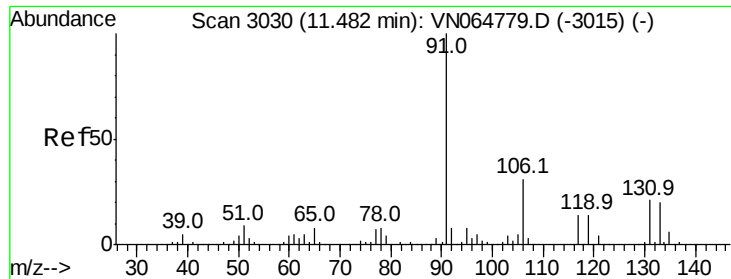
Tot Ion:112 Resp: 104736
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.653 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion:131 Resp: 39308
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.5
119 69.9 33.3 99.8

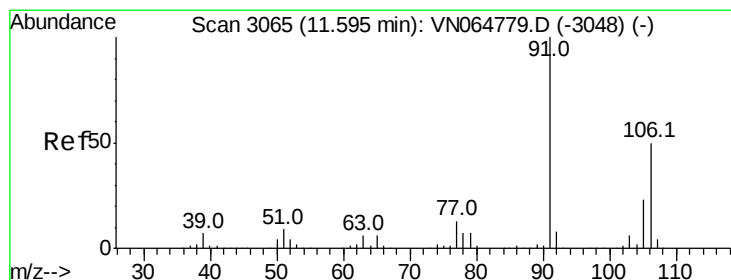
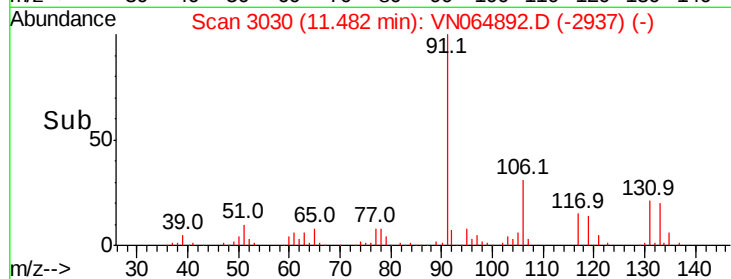
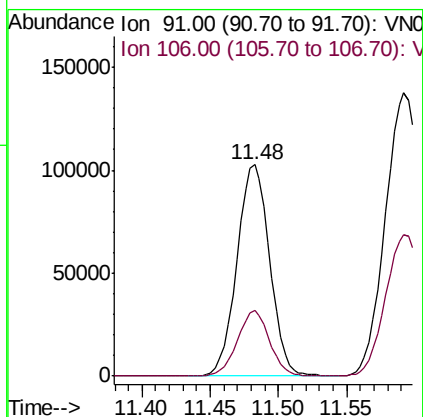
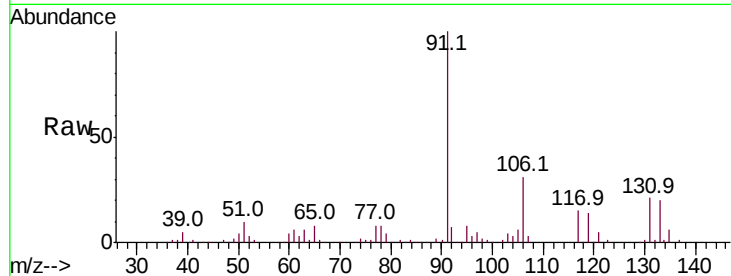




#67
Ethyl Benzene
Concen: 17.848 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

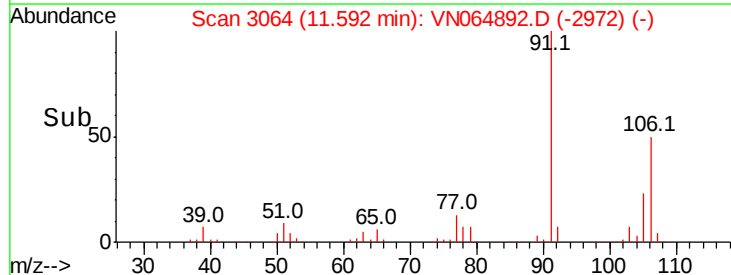
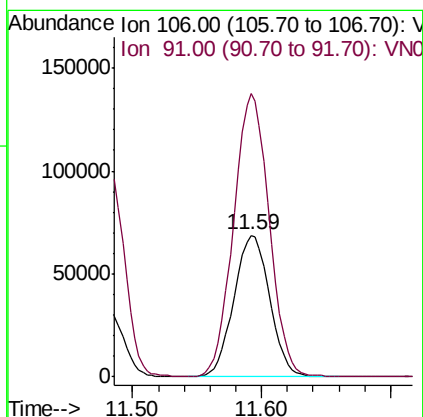
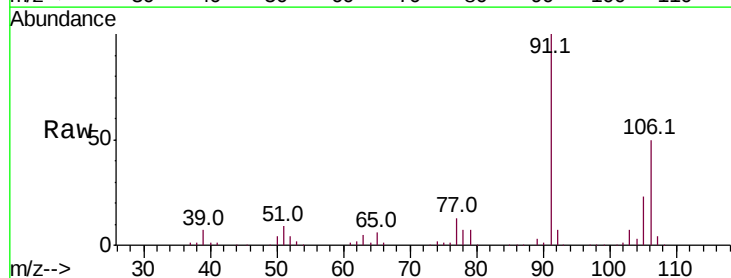
Instrument :
MSVOA_N
ClientSampled :
VN1203WBS01

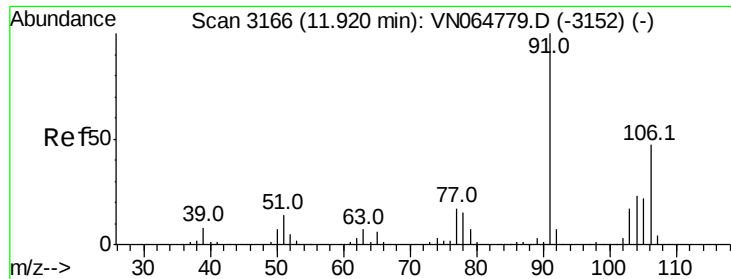
Tot Ion: 91 Resp: 170968
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8



#68
m/p-Xylenes
Concen: 36.716 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 106 Resp: 133161
Ion Ratio Lower Upper
106 100
91 197.5 161.0 241.4

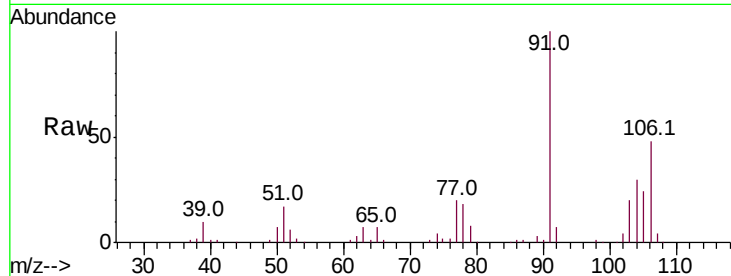




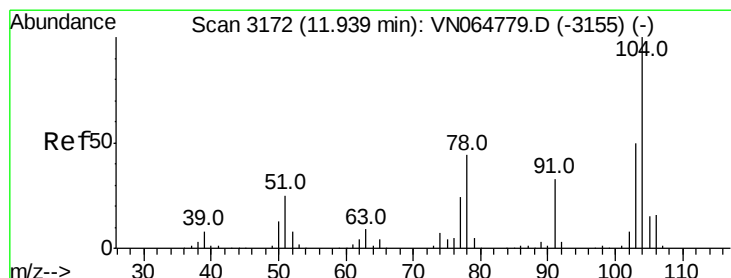
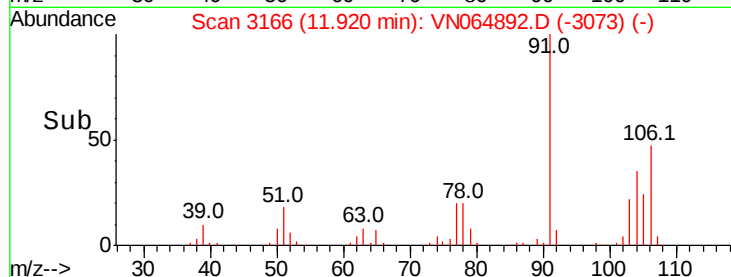
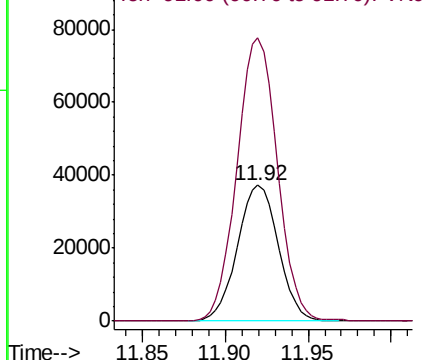
#69
o-Xylene
Concen: 18.597 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampled :
VN1203WBS01

Tot Ion:106 Resp: 64004
Ion Ratio Lower Upper
106 100
91 206.4 105.5 316.5

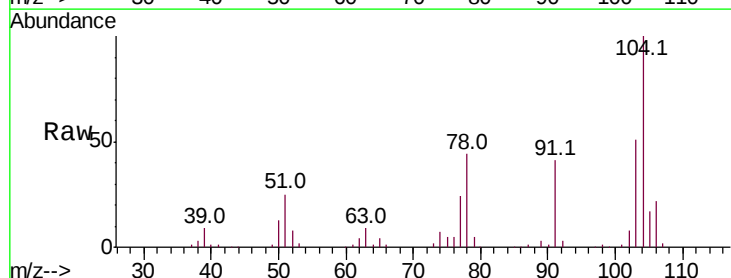


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

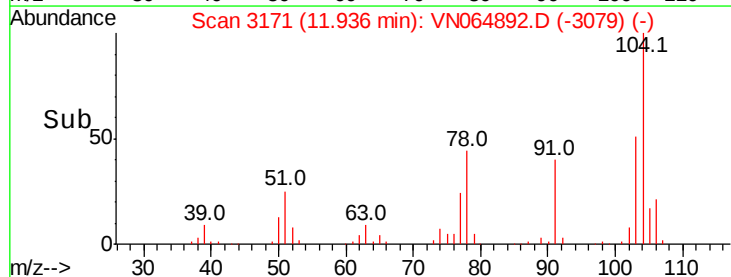
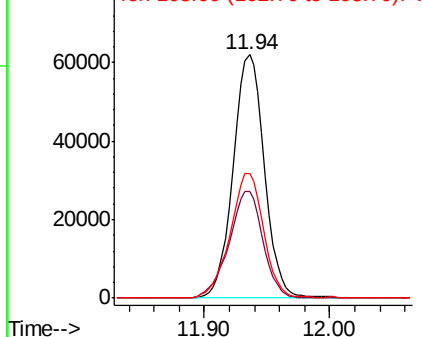


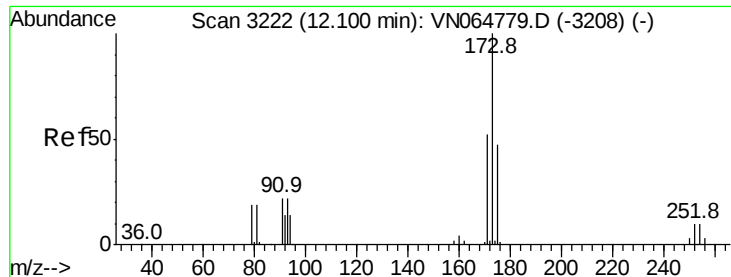
#70
Styrene
Concen: 18.483 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion:104 Resp: 107388
Ion Ratio Lower Upper
104 100
78 47.5 39.0 58.6
103 55.0 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: 17.791 ug/l

RT: 12.10 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

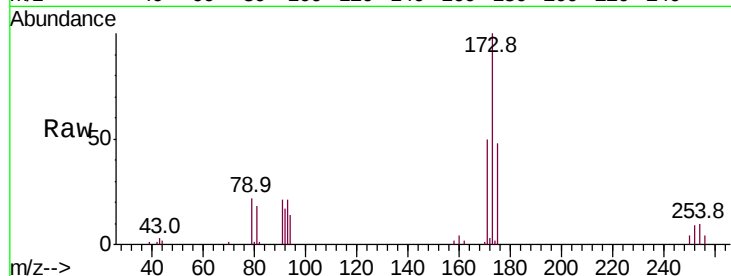
Tot Ion:173 Resp: 29944

Ion Ratio Lower Upper

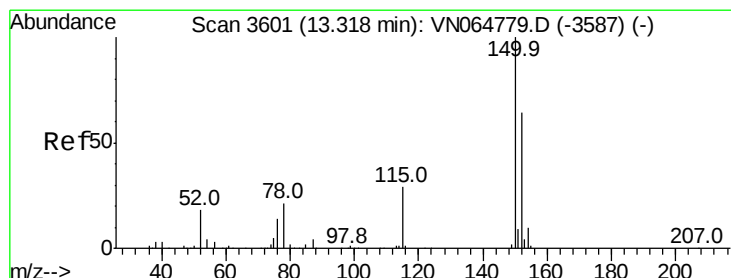
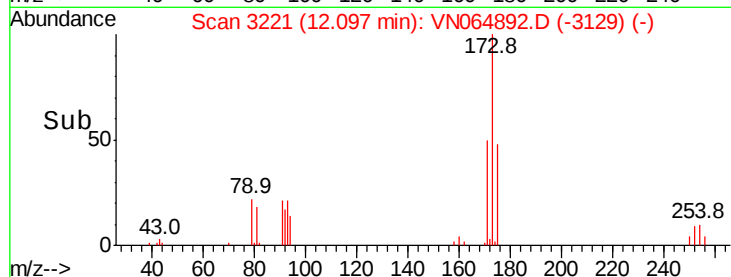
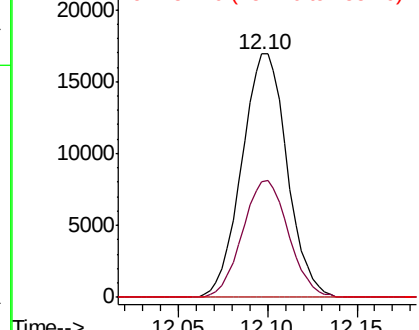
173 100

175 48.7 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: VN064892.D

Acq: 3 Dec 2020 12:18

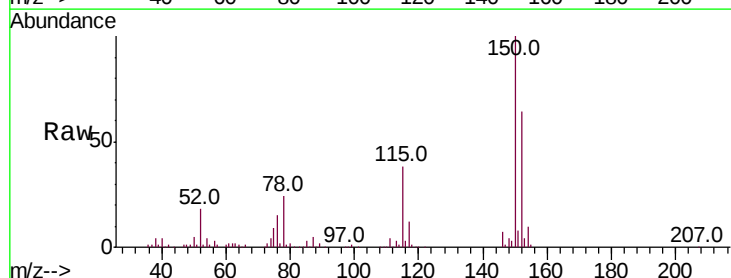
Tgt Ion:152 Resp: 130387

Ion Ratio Lower Upper

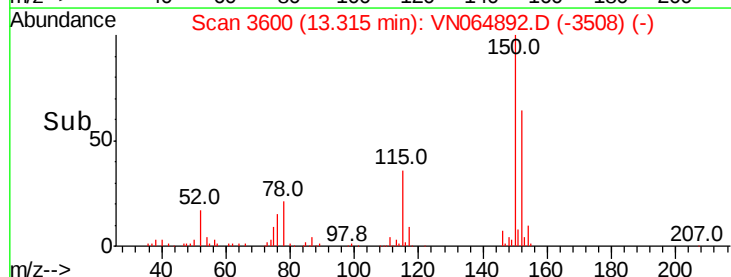
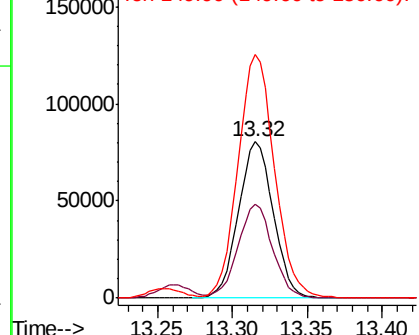
152 100

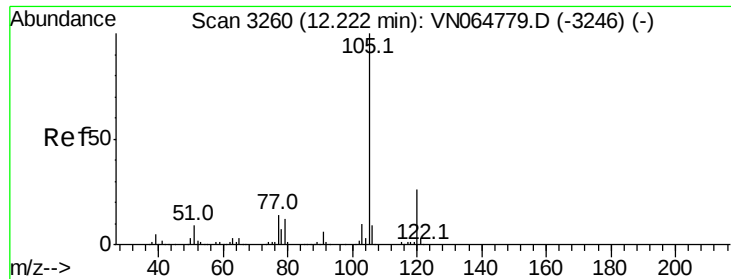
115 59.7 29.7 89.1

150 162.9 0.0 350.6



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





#73

Isopropylbenzene

Concen: 18.396 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

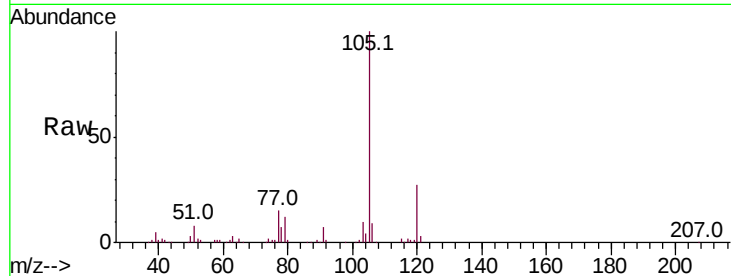
VN1203WBS01

Tot Ion:105 Resp: 166843

Ion Ratio Lower Upper

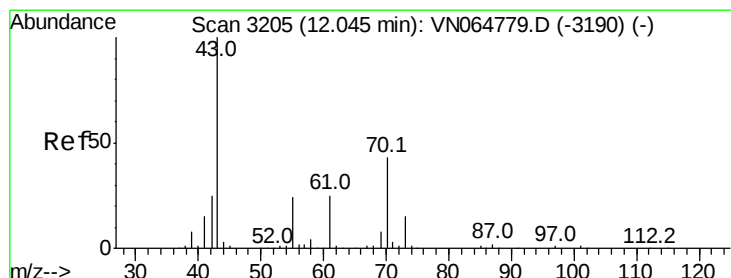
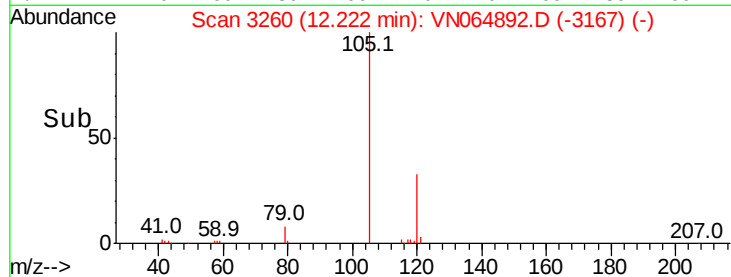
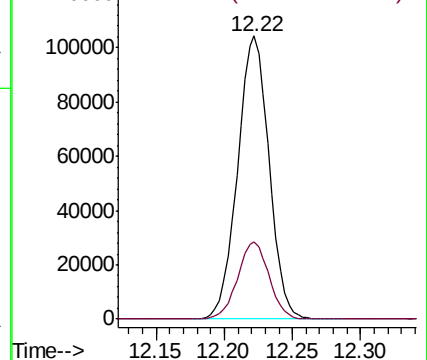
105 100

120 27.2 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: 16.239 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Tgt Ion: 43 Resp: 57958

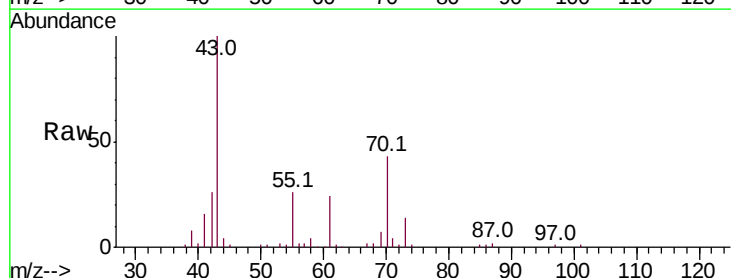
Ion Ratio Lower Upper

43 100

70 44.3 34.5 51.7

55 27.3 20.4 30.6

61 25.4 20.0 30.0

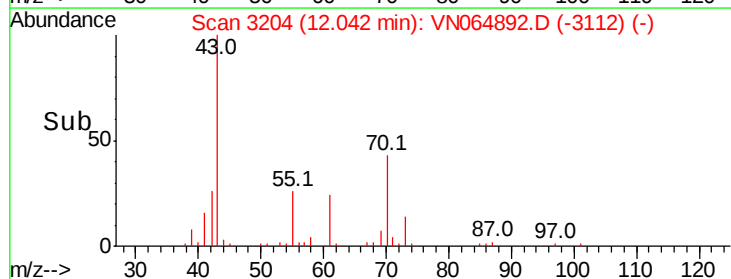
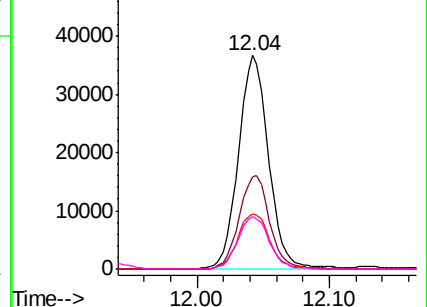


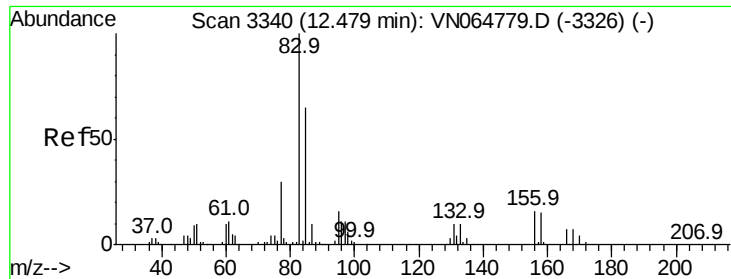
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 17.987 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

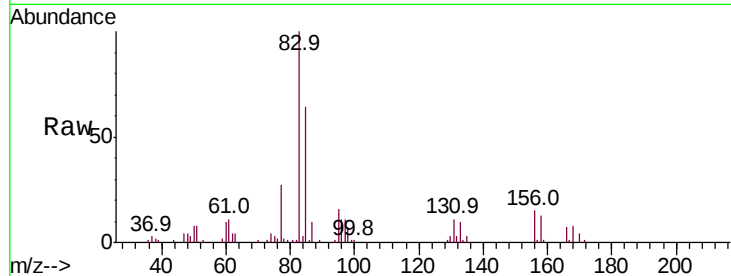
Tot Ion: 83 Resp: 47813

Ion Ratio Lower Upper

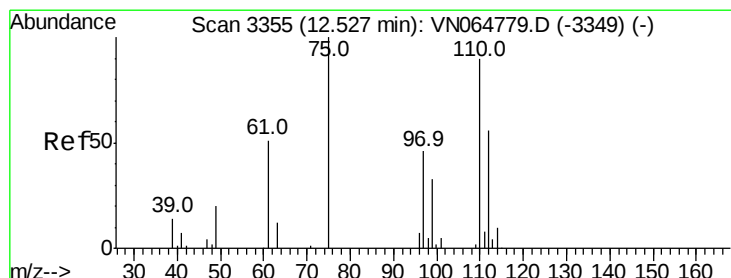
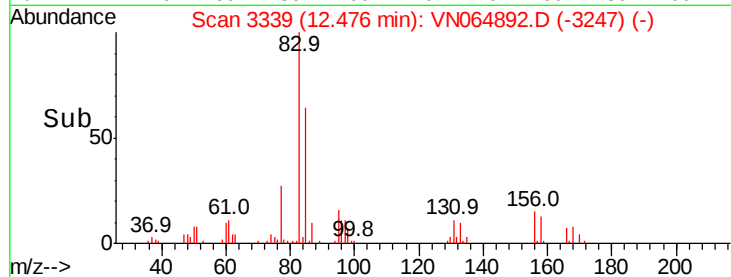
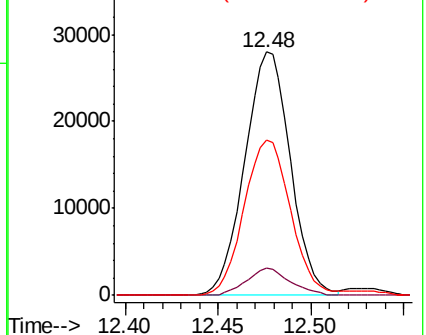
83 100

131 10.5 5.1 15.3

85 64.9 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: 24.545 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064892.D

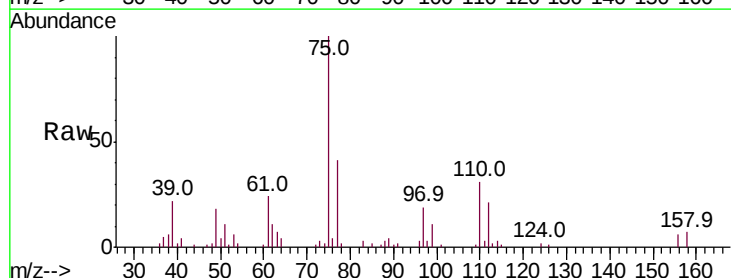
Acq: 3 Dec 2020 12:18

Tgt Ion: 75 Resp: 68922

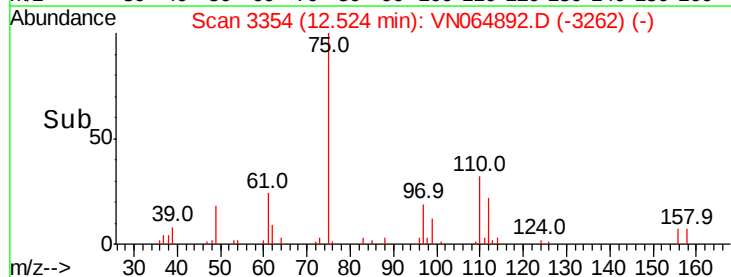
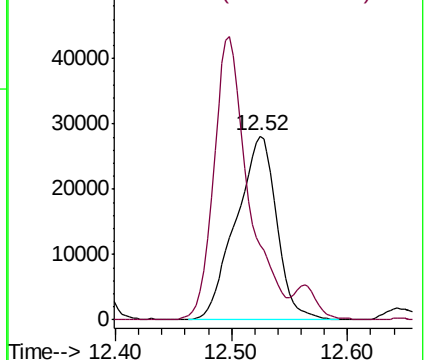
Ion Ratio Lower Upper

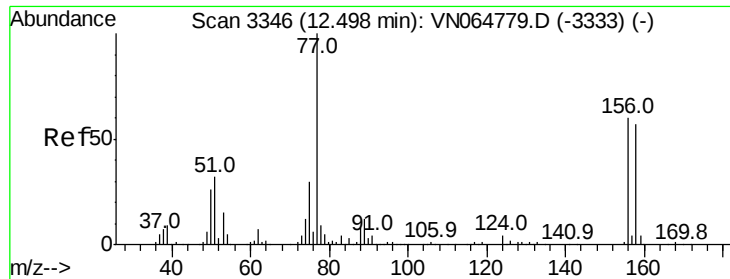
75 100

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: 18.183 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

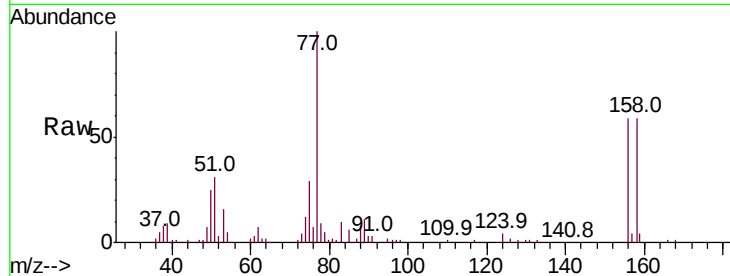
Tot Ion:156 Resp: 44459

Ion Ratio Lower Upper

156 100

77 203.4 101.3 303.7

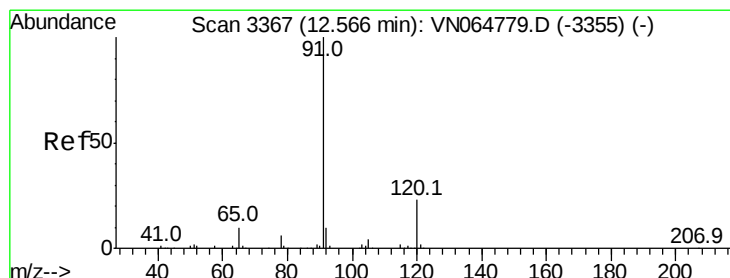
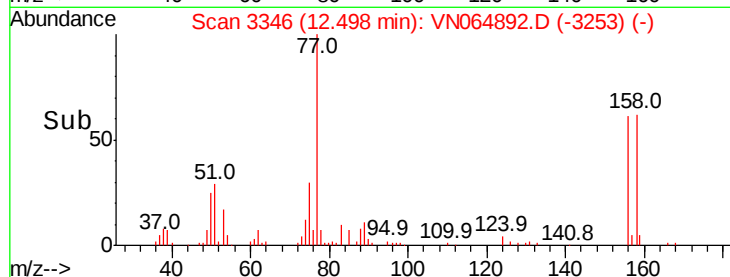
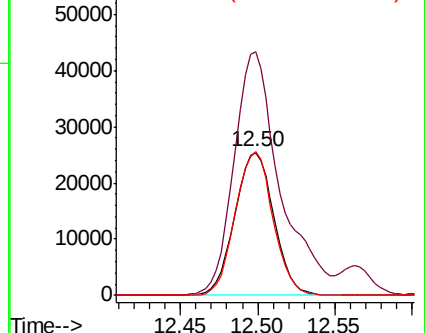
158 97.4 48.2 144.6



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: 18.279 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064892.D

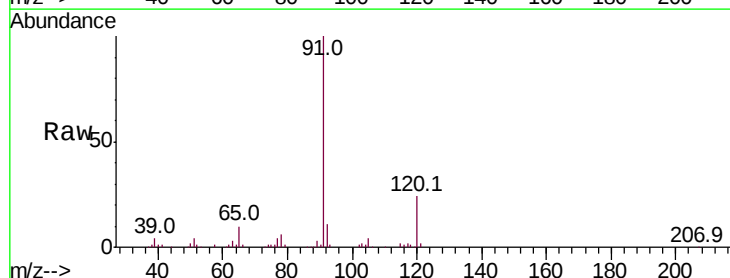
Acq: 3 Dec 2020 12:18

Tgt Ion: 91 Resp: 188858

Ion Ratio Lower Upper

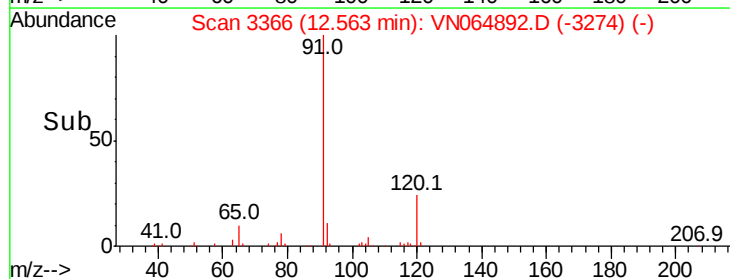
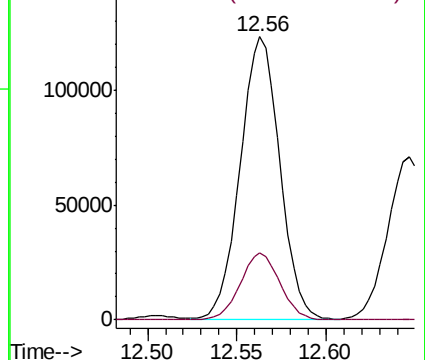
91 100

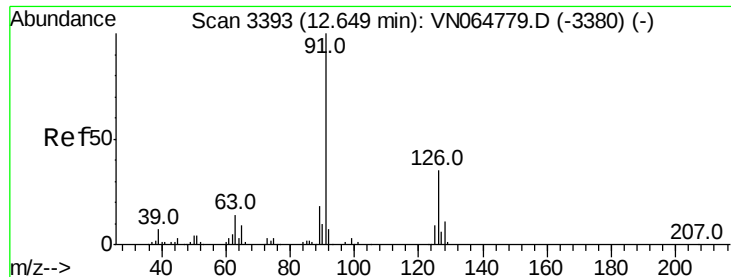
120 23.7 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.039 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

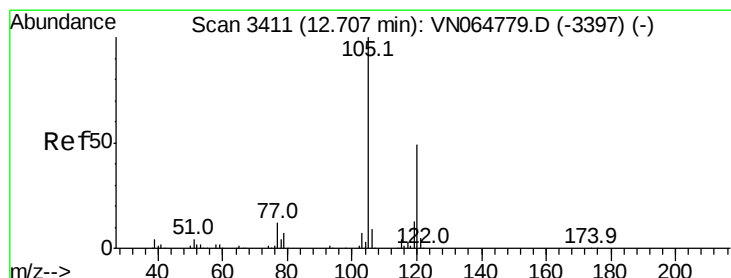
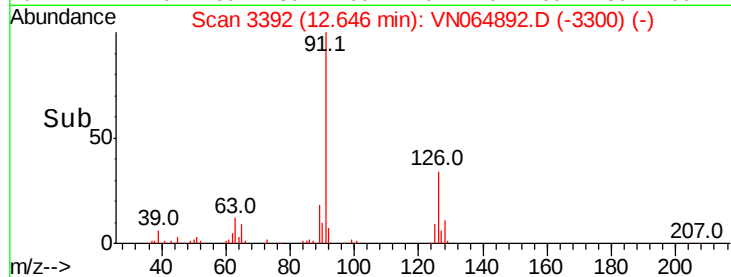
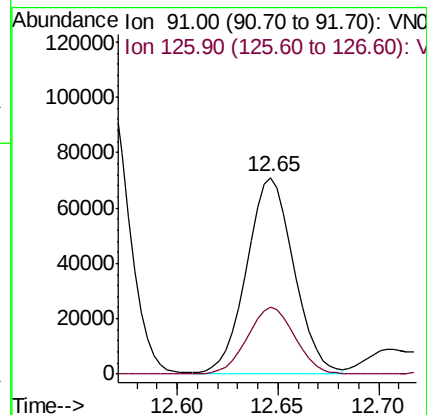
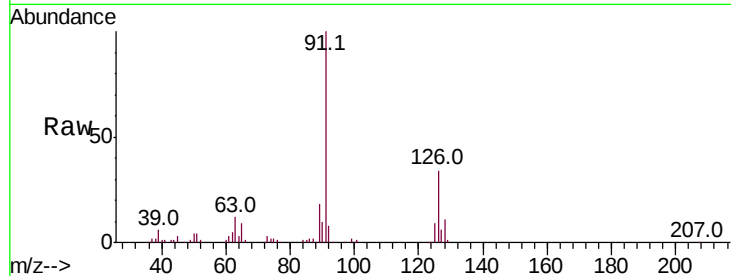
VN1203WBS01

Tot Ion: 91 Resp: 115208

Ion Ratio Lower Upper

91 100

126 34.6 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.148 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064892.D

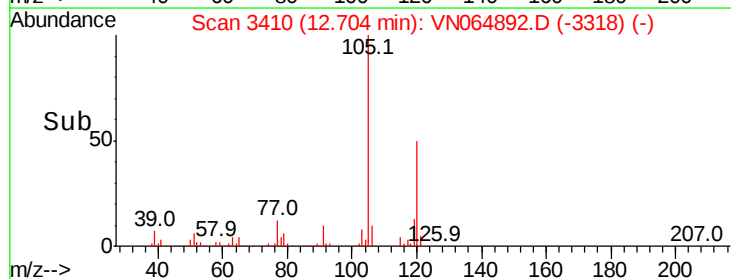
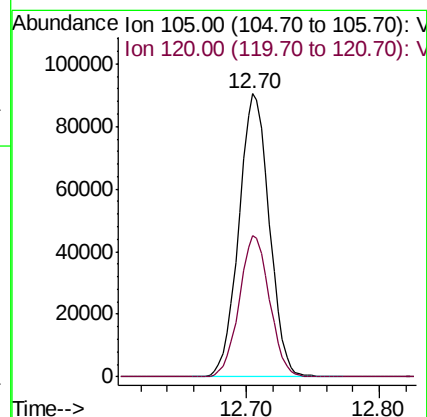
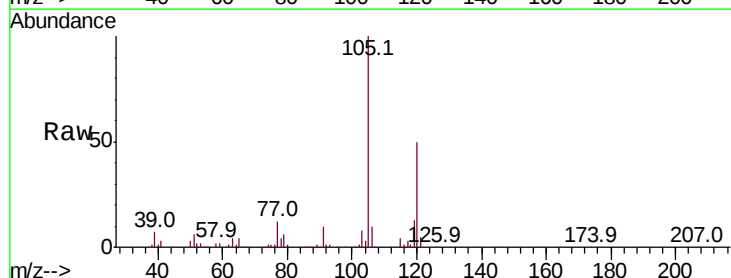
Acq: 3 Dec 2020 12:18

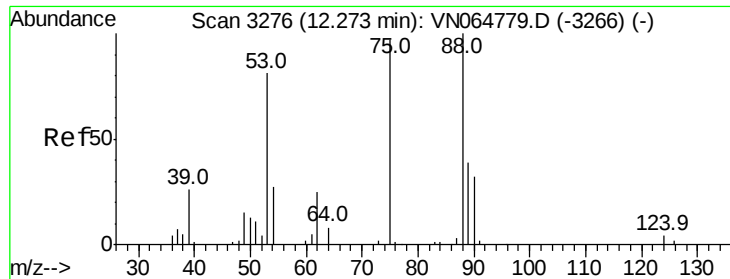
Tgt Ion: 105 Resp: 144347

Ion Ratio Lower Upper

105 100

120 49.4 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.641 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

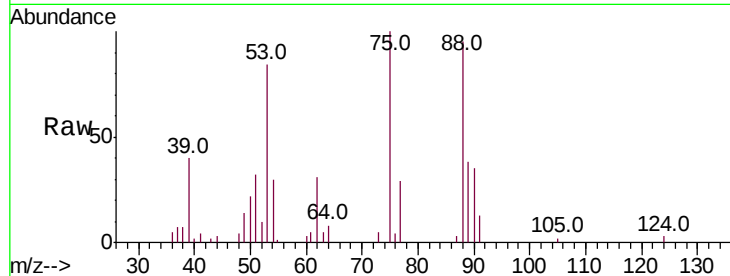
Tot Ion: 75 Resp: 17049

Ion Ratio Lower Upper

75 100

53 87.4 67.0 100.4

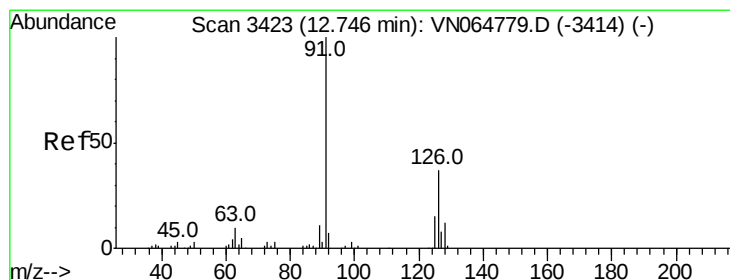
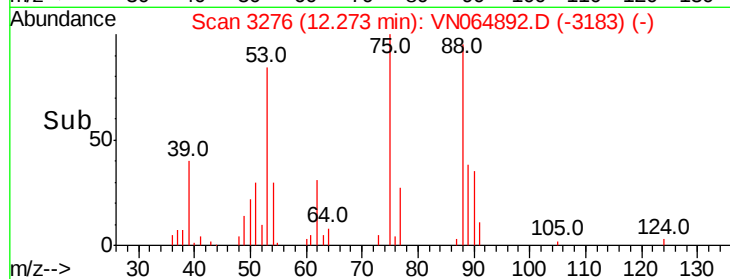
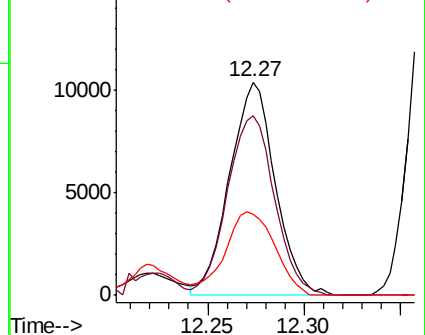
89 42.9 39.6 59.4



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: 17.844 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064892.D

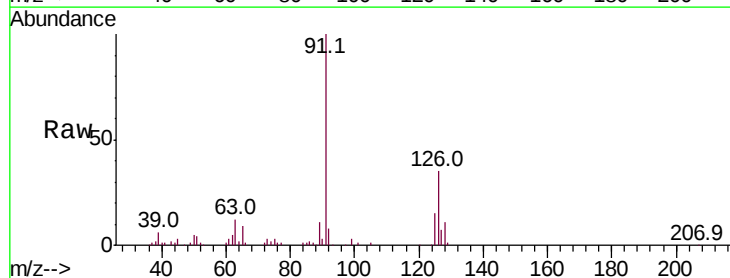
Acq: 3 Dec 2020 12:18

Tgt Ion: 91 Resp: 119451

Ion Ratio Lower Upper

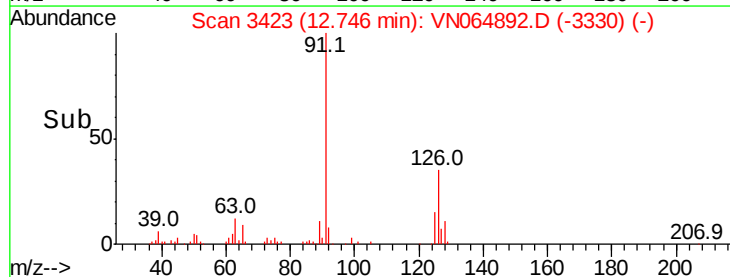
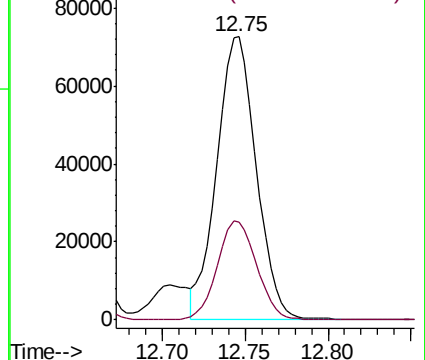
91 100

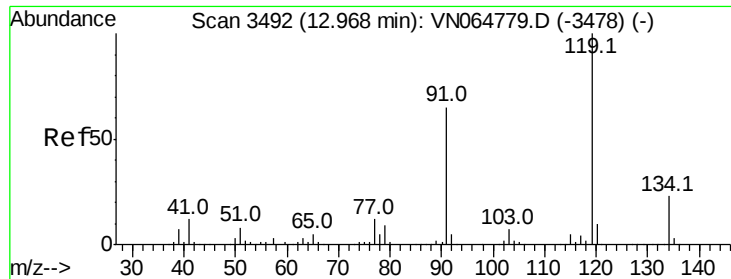
126 35.1 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

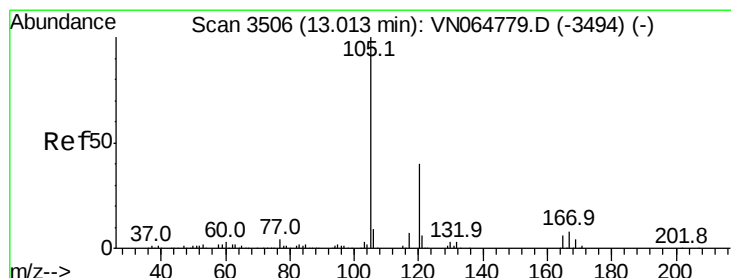
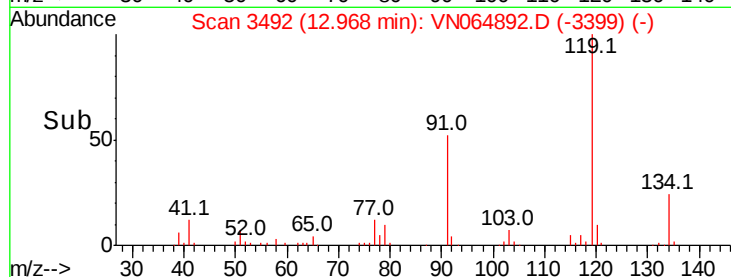
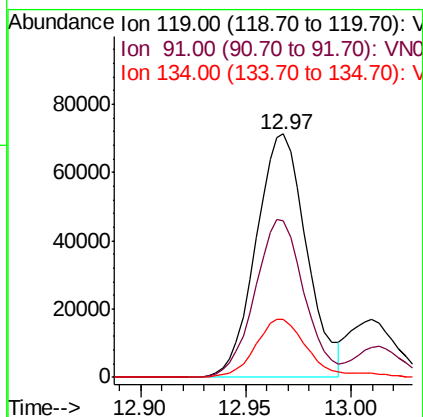
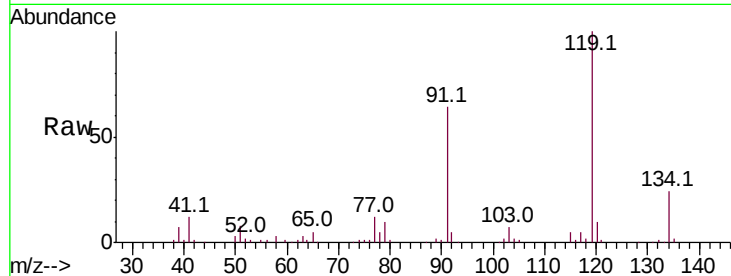




#83
tert-Butylbenzene
Concen: 18.800 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

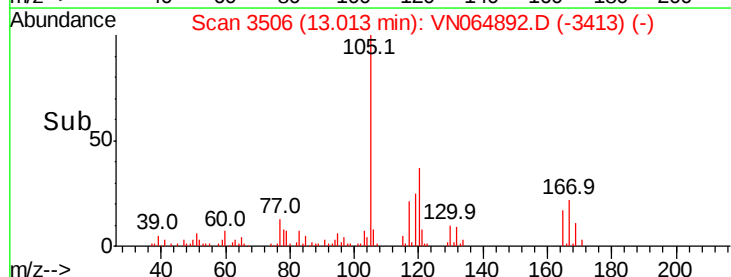
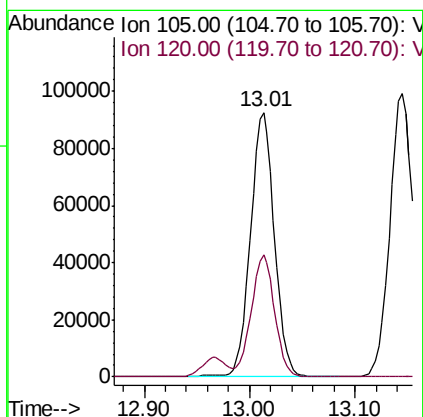
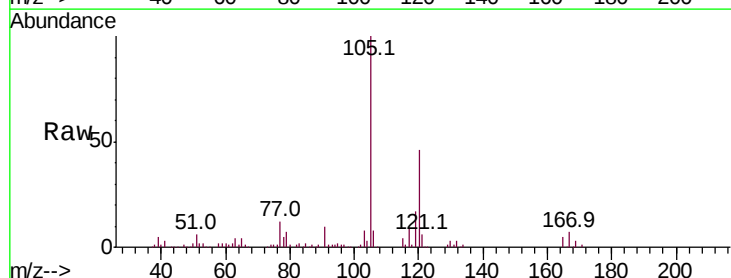
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

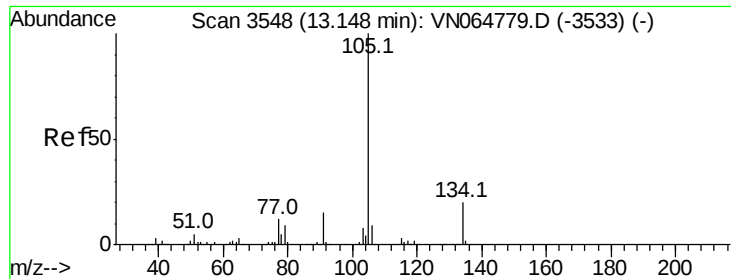
Tot Ion:119 Resp: 118789
Ion Ratio Lower Upper
119 100
91 63.3 32.3 96.8
134 24.8 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 19.240 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion:105 Resp: 146646
Ion Ratio Lower Upper
105 100
120 45.1 23.1 69.2

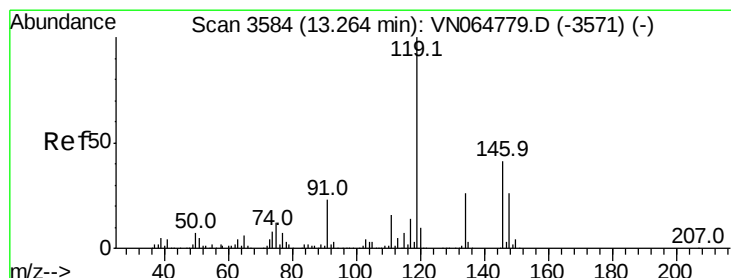
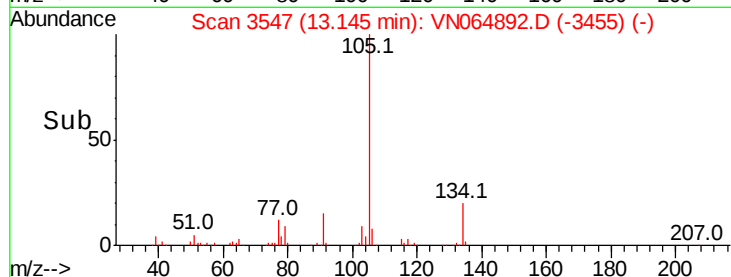
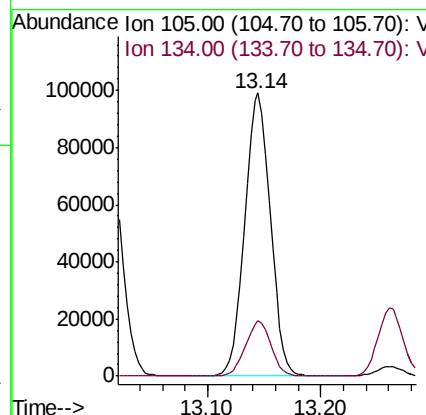
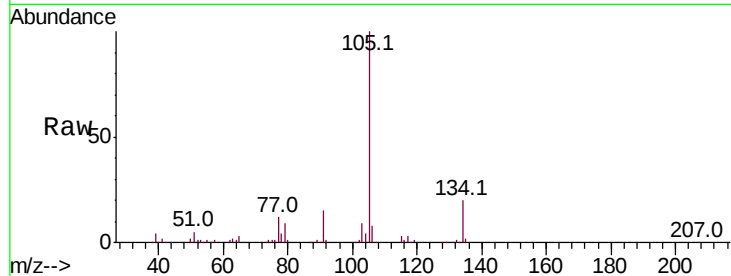




#85
 sec-Butylbenzene
 Concen: 18.684 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

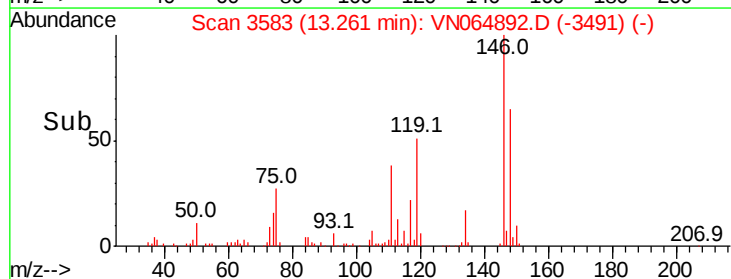
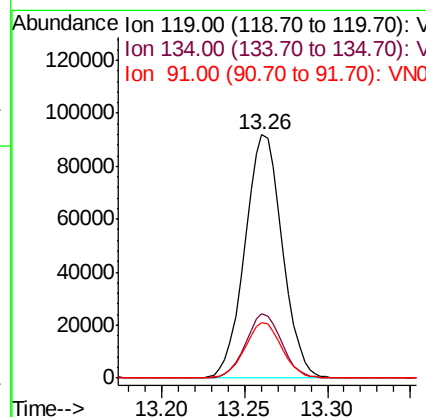
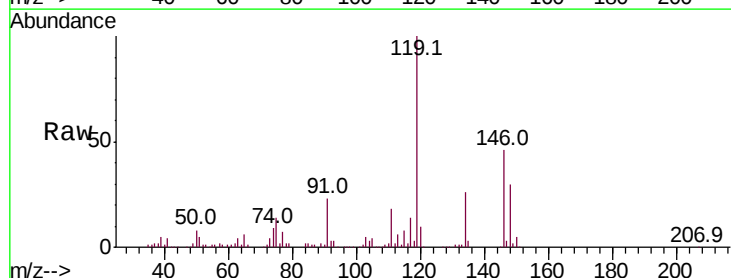
Instrument :
 MSVOA_N
 ClientSampleID :
 VN1203WBS01

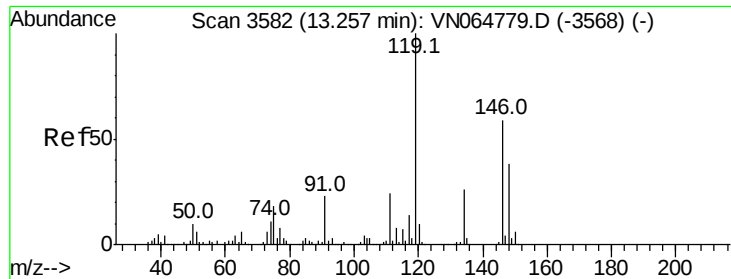
Tot Ion:105 Resp: 156750
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.841 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

Tgt Ion:119 Resp: 143911
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.1
 91 22.7 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 18.371 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

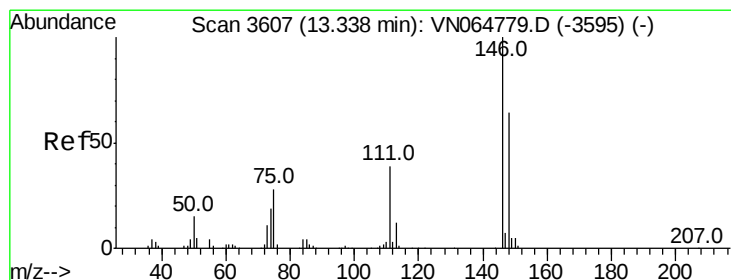
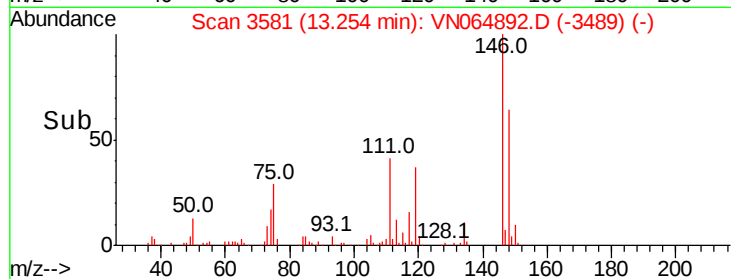
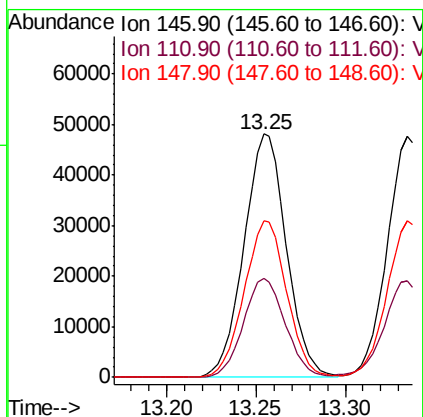
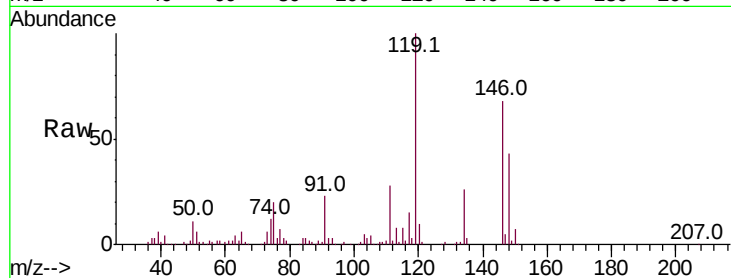
Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion:146 Resp: 79803

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.9
148	64.5	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 17.268 ug/l

RT: 13.33 min Scan# 3606

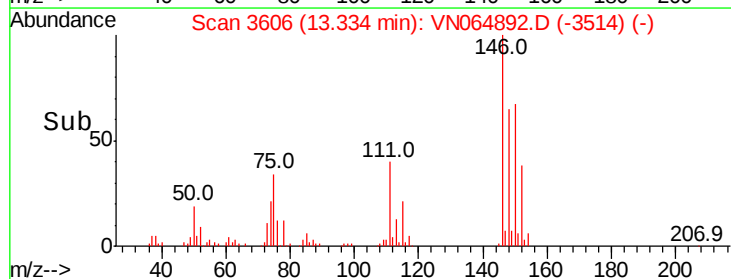
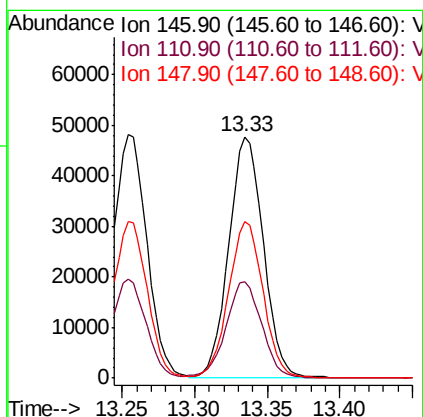
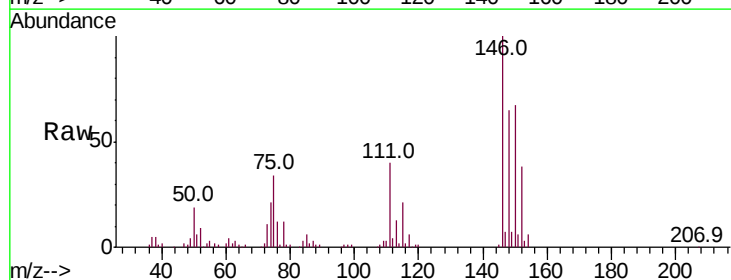
Delta R.T. -0.00 min

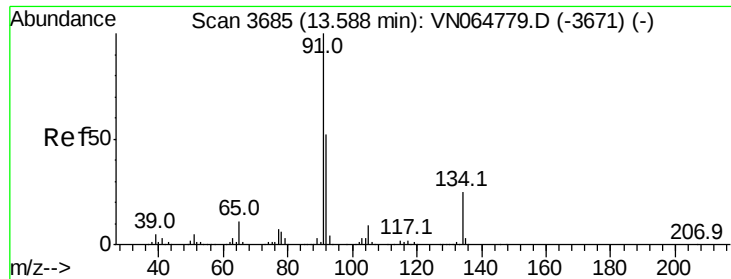
Lab File: VN064892.D

Acq: 3 Dec 2020 12:18

Tgt Ion:146 Resp: 79331

Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.8	59.3
148	64.6	31.9	95.5

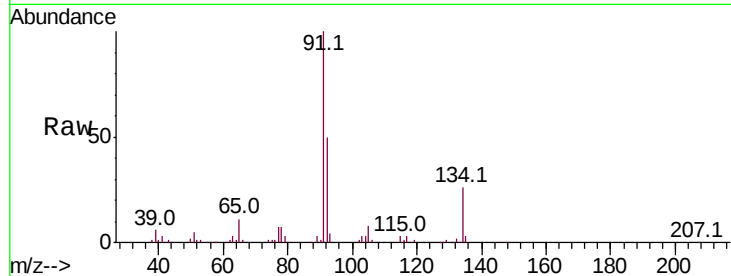




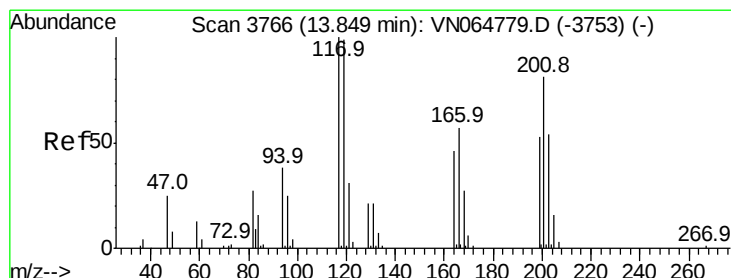
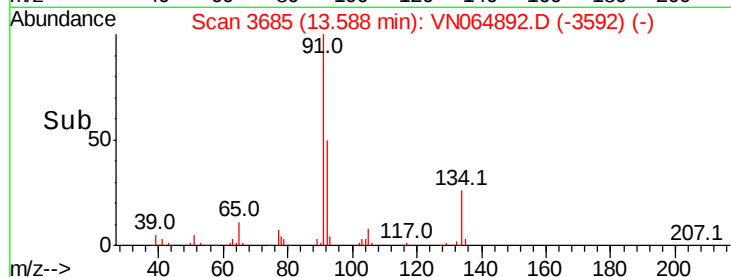
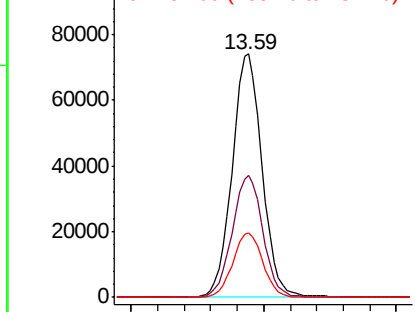
#89
n-Butylbenzene
Concen: 17.299 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampled :
VN1203WBS01

Tot Ion: 91 Resp: 116034
Ion Ratio Lower Upper
91 100
92 51.2 26.0 78.0
134 26.7 12.9 38.6

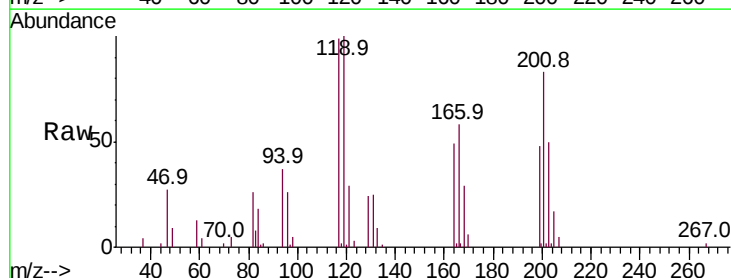


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

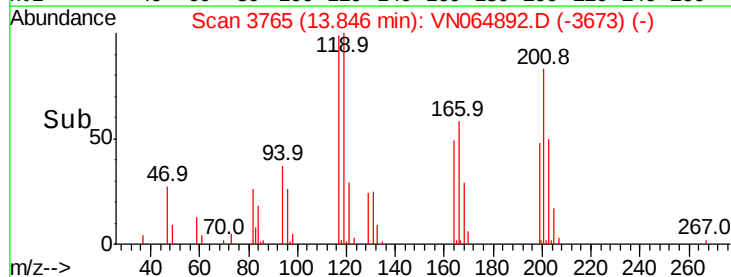
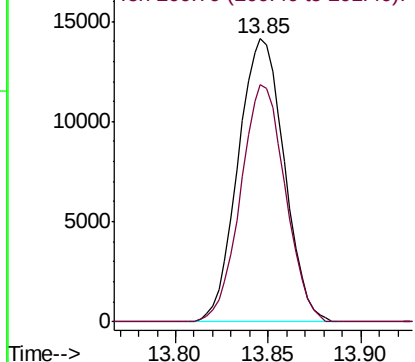


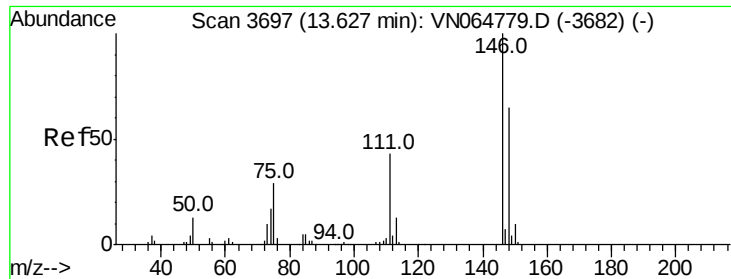
#90
Hexachloroethane
Concen: 18.478 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 117 Resp: 24518
Ion Ratio Lower Upper
117 100
201 81.0 40.1 120.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

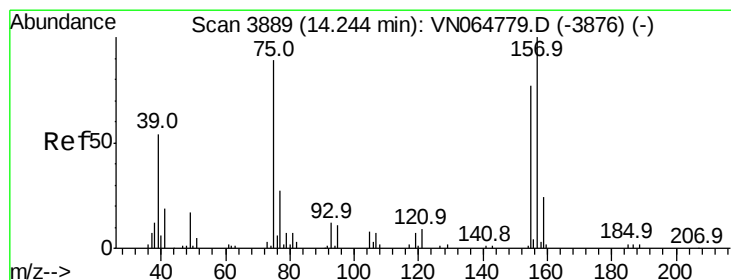
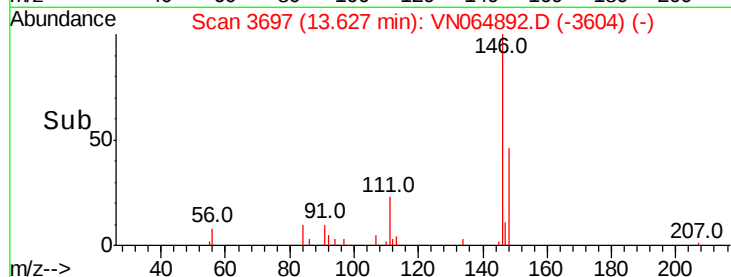
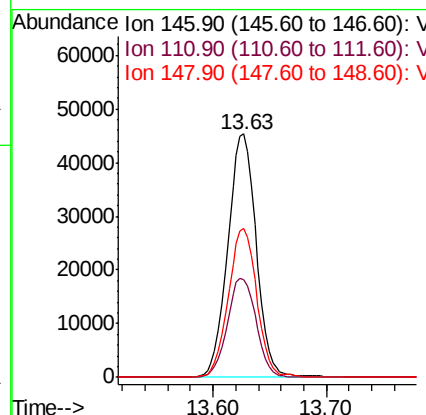
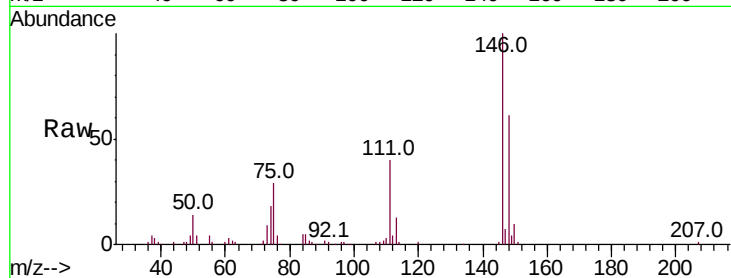




#91
 1,2-Dichlorobenzene
 Concen: 18.577 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

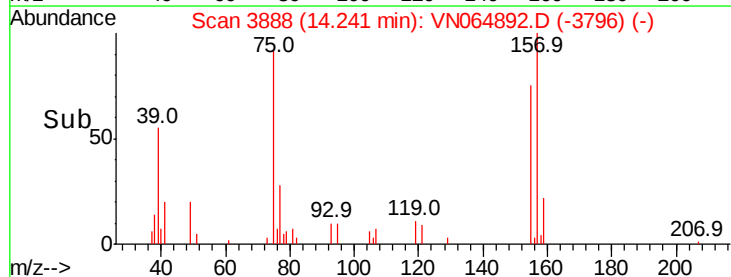
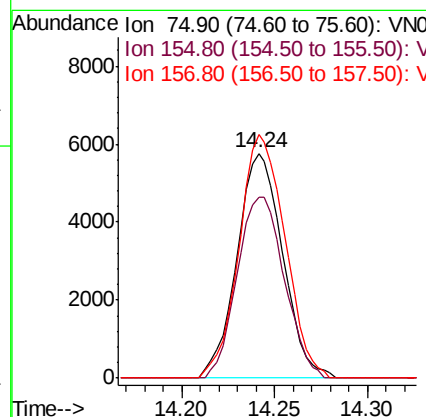
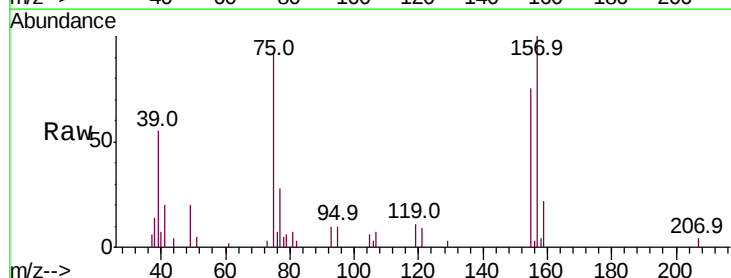
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

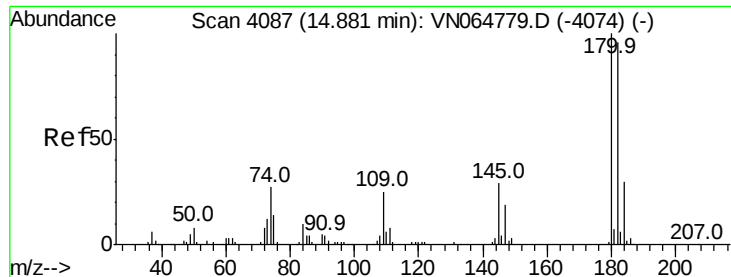
Tot Ion:146 Resp: 79240
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.1 63.1
 148 61.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.486 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

Tgt Ion: 75 Resp: 9861
 Ion Ratio Lower Upper
 75 100
 155 83.0 42.8 128.3
 157 108.9 56.4 169.1

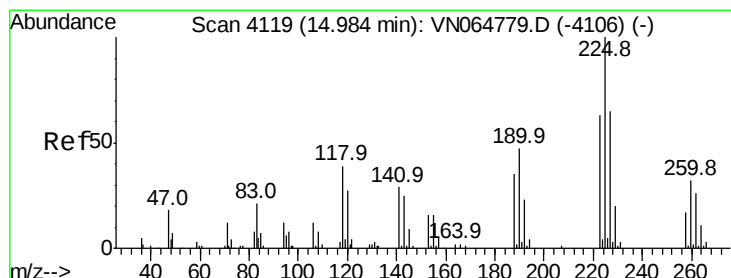
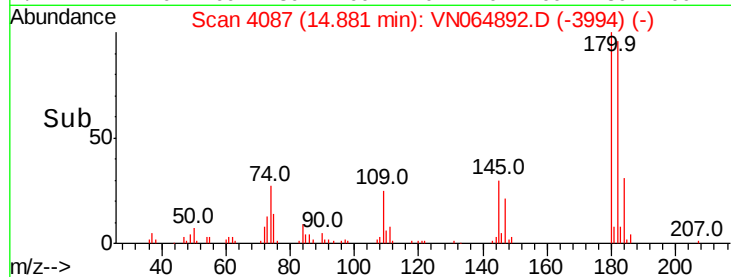
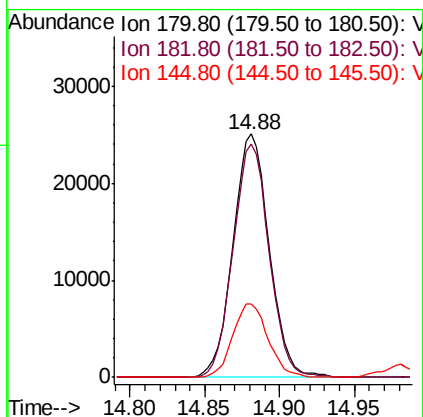
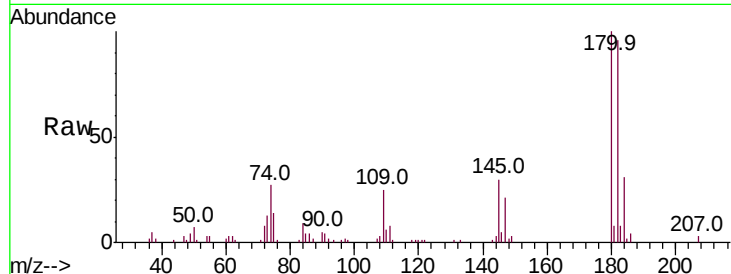




#93
 1,2,4-Trichlorobenzene
 Concen: 16.039 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

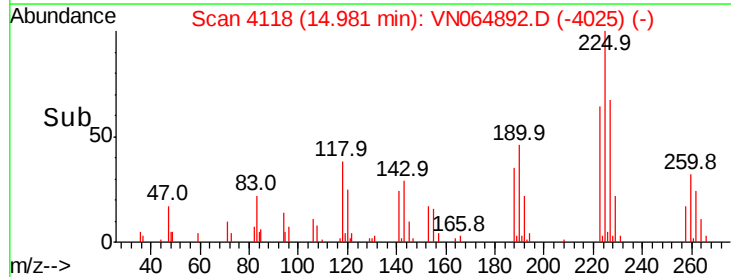
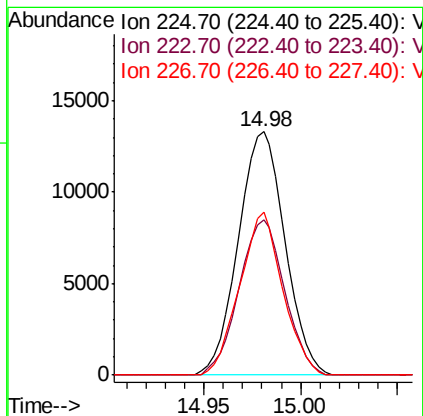
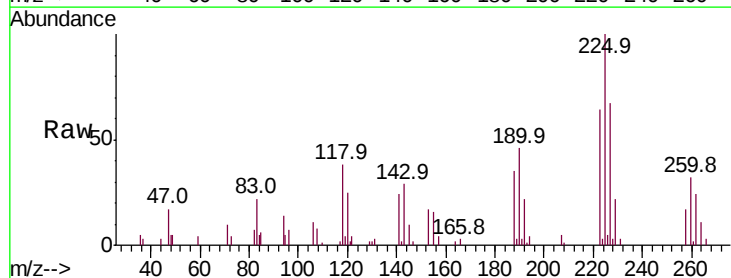
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

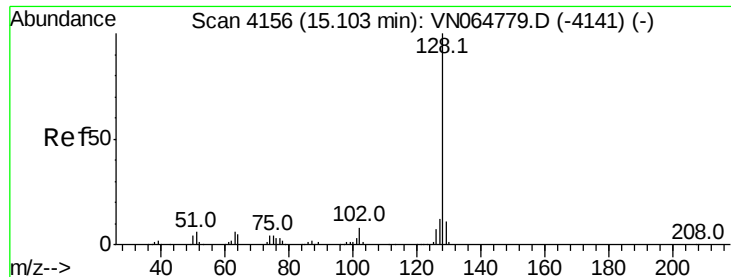
Tot Ion:180 Resp: 42321
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.9
 145 29.3 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 19.078 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 12:18

Tgt Ion:225 Resp: 22393
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.0 93.0
 227 61.7 32.0 96.0

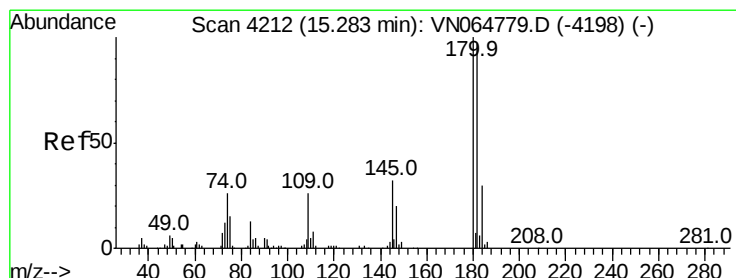
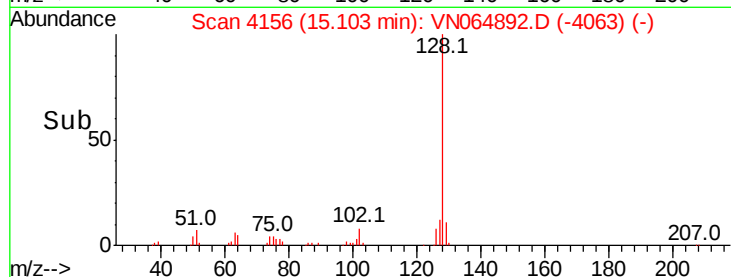
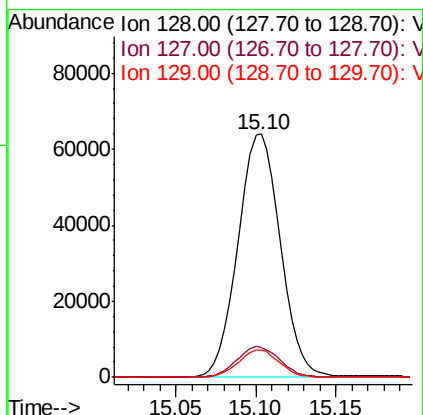
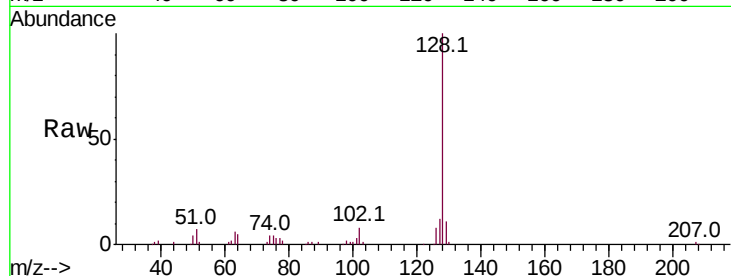




#95
Naphthalene
Concen: 14.652 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion:128 Resp: 115824
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.203 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 12:18

Tgt Ion:180 Resp: 40781
Ion Ratio Lower Upper
180 100
182 97.6 48.1 144.4
145 33.1 16.4 49.1

