

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064891.D
 Acq On : 3 Dec 2020 11:45
 Operator : JC/MD
 Sample : VN1203WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBL01

Quant Time: Dec 04 02:57:49 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	209199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	324859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	296146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142795	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124264	51.09	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.18%
35) Dibromofluoromethane	7.55	113	109615	56.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	112.78%
50) Toluene-d8	10.06	98	415513	52.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.64%
62) 4-Bromofluorobenzene	12.37	95	144590	50.87	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.74%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	28778	15.873	ug/l 97
3) Chloromethane	2.04	50	39313	16.686	ug/l 99
4) Vinyl Chloride	2.17	62	41464	16.880	ug/l 96
5) Bromomethane	2.53	94	26289	16.312	ug/l 98
6) Chloroethane	2.68	64	27125	17.854	ug/l 97
7) Trichlorofluoromethane	2.99	101	60868	17.926	ug/l 98
8) Diethyl Ether	3.37	74	24704	18.432	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	37966	18.639	ug/l 99
10) Methyl Iodide	3.91	142	42466	16.073	ug/l 98
11) Tert butyl alcohol	4.75	59	29126	76.791	ug/l 99
12) 1,1-Dichloroethene	3.69	96	37372	18.422	ug/l 94
13) Acrolein	3.57	56	24203	104.469	ug/l 99
14) Allyl chloride	4.28	41	56491	16.884	ug/l 100
15) Acrylonitrile	4.93	53	91346	87.179	ug/l 100
16) Acetone	3.78	43	68047	85.113	ug/l 98
17) Carbon Disulfide	4.00	76	87278	16.667	ug/l 99
18) Methyl Acetate	4.28	43	43330	18.026	ug/l 98
19) Methyl tert-butyl Ether	5.00	73	115223	17.710	ug/l 100
20) Methylene Chloride	4.50	84	44144	17.621	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	38681	17.170	ug/l 98
22) Diisopropyl ether	5.90	45	125203	18.695	ug/l 99
23) Vinyl Acetate	5.85	43	477711	89.201	ug/l 99
24) 1,1-Dichloroethane	5.80	63	75750	18.926	ug/l 99
25) 2-Butanone	6.79	43	110148	84.990	ug/l 98
26) 2,2-Dichloropropane	6.78	77	62775	18.084	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	45680	18.020	ug/l 98
28) Bromochloromethane	7.15	49	36639	20.011	ug/l 98
29) Tetrahydrofuran	7.17	42	74409	83.173	ug/l 98
30) Chloroform	7.33	83	76021	18.419	ug/l 100
31) Cyclohexane	7.61	56	58450	17.243	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	65545	18.490	ug/l 99
36) 1,1-Dichloropropene	7.75	75	54135	17.978	ug/l 98
37) Ethyl Acetate	6.89	43	49603	17.101	ug/l 98
38) Carbon Tetrachloride	7.73	117	58120	18.551	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	55212	17.033	ug/l	99
40) Benzene	8.00	78	169679	18.389	ug/l	100
41) Methacrylonitrile	7.13	41	20128	15.039	ug/l	99
42) 1,2-Dichloroethane	8.08	62	56251	18.071	ug/l	99
43) Isopropyl Acetate	8.13	43	78632	16.847	ug/l	99
44) Trichloroethene	8.80	130	49163	18.058	ug/l	96
45) 1,2-Dichloropropane	9.08	63	46333	19.390	ug/l	97
46) Dibromomethane	9.17	93	29984	18.783	ug/l	98
47) Bromodichloromethane	9.37	83	60527	18.844	ug/l	98
48) Methyl methacrylate	9.16	41	36779	16.491	ug/l	97
49) 1,4-Dioxane	9.16	88	13170	312.447	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	244870	87.391	ug/l	99
52) Toluene	10.12	92	108143	19.031	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	61295	17.133	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	71327	18.600	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	42908	18.363	ug/l	98
56) Ethyl methacrylate	10.40	69	55919	17.342	ug/l	98
57) 1,3-Dichloropropane	10.68	76	71028	18.427	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	164467	92.725	ug/l	100
59) 2-Hexanone	10.72	43	174242	86.406	ug/l	97
60) Dibromochloromethane	10.87	129	48883	18.820	ug/l	98
61) 1,2-Dibromoethane	10.97	107	43949	18.513	ug/l	97
64) Tetrachloroethene	10.60	164	54234	18.823	ug/l	96
65) Chlorobenzene	11.40	112	117102	18.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	44276	18.944	ug/l	97
67) Ethyl Benzene	11.48	91	193543	18.217	ug/l	99
68) m/p-Xylenes	11.59	106	150657	37.454	ug/l	100
69) o-Xylene	11.92	106	69855	18.301	ug/l	99
70) Styrene	11.94	104	122571	19.021	ug/l	97
71) Bromoform	12.10	173	31917	17.098	ug/l #	97
73) Isopropylbenzene	12.22	105	189570	19.086	ug/l	100
74) N-amyl acetate	12.04	43	63992	16.371	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	53358	18.328	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	76316	24.817	ug/l #	100
77) Bromobenzene	12.50	156	49622	18.531	ug/l	99
78) n-propylbenzene	12.56	91	213320	18.853	ug/l	100
79) 2-Chlorotoluene	12.65	91	131539	18.807	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	163774	19.838	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	19601	17.469	ug/l	96
82) 4-Chlorotoluene	12.75	91	137119	18.703	ug/l	100
83) tert-Butylbenzene	12.96	119	134198	19.393	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	165521	19.830	ug/l	100
85) sec-Butylbenzene	13.14	105	181049	19.705	ug/l	99
86) p-Isopropyltoluene	13.26	119	163314	19.524	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	89077	18.724	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	89099	17.709	ug/l	99
89) n-Butylbenzene	13.59	91	132898	18.091	ug/l	99
90) Hexachloroethane	13.85	117	28101	19.338	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	88141	18.868	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10629	16.226	ug/l	95

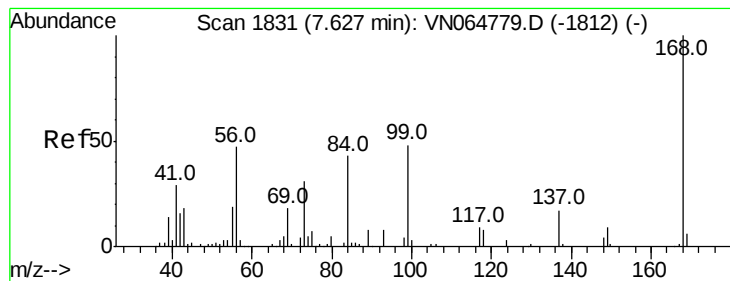
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47238	16.347	ug/l	98
94) Hexachlorobutadiene	14.98	225	24690	19.205	ug/l	98
95) Naphthalene	15.10	128	129964	15.012	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	46357	17.803	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleID :

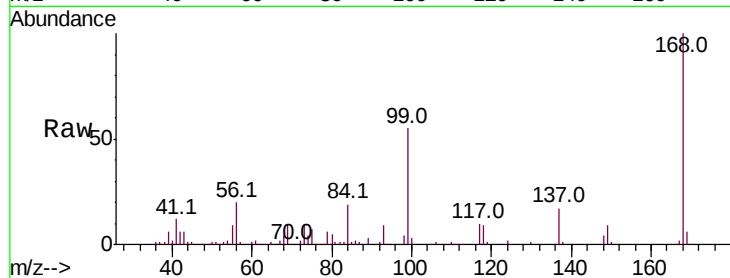
VN1203WBL01

Tot Ion:168 Resp: 209199

Ion Ratio Lower Upper

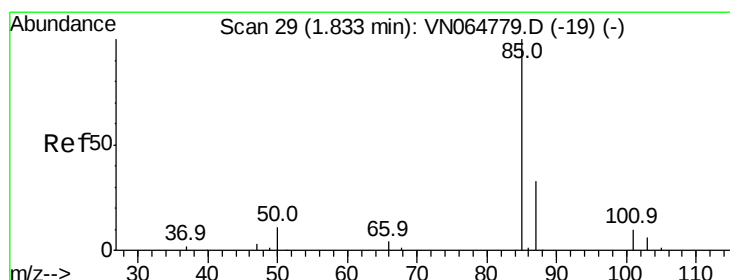
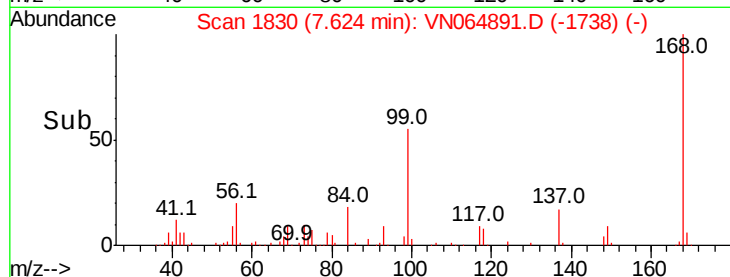
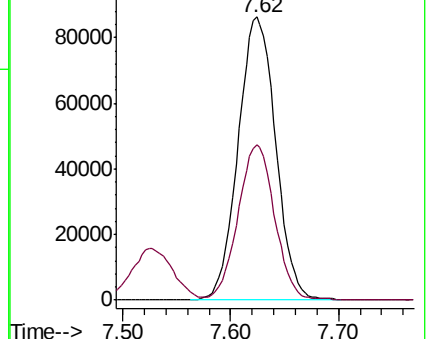
168 100

99 54.5 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: 15.873 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064891.D

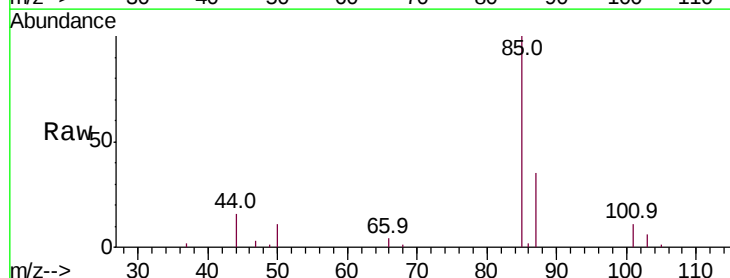
Acq: 3 Dec 2020 11:45

Tgt Ion: 85 Resp: 28778

Ion Ratio Lower Upper

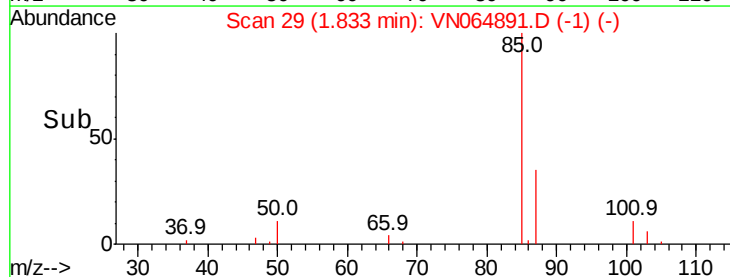
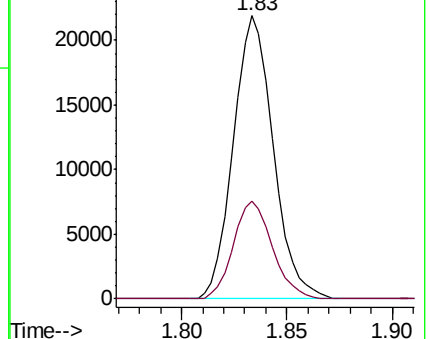
85 100

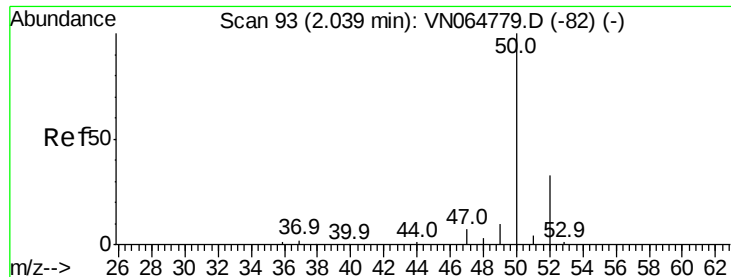
87 34.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 16.686 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

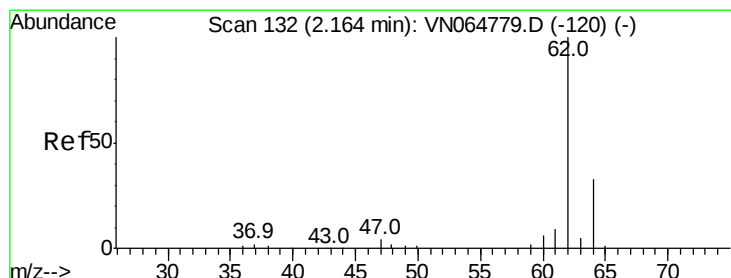
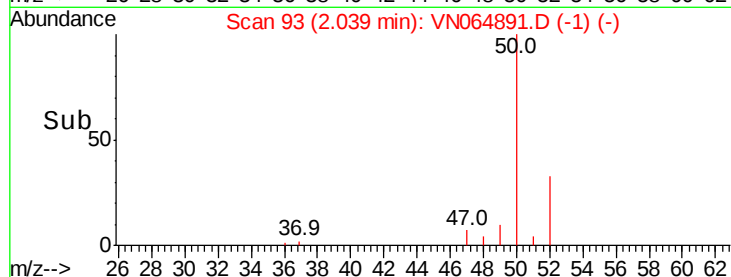
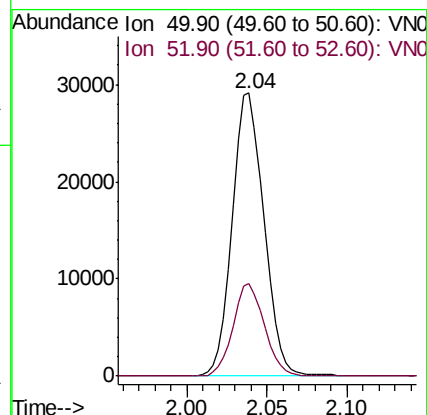
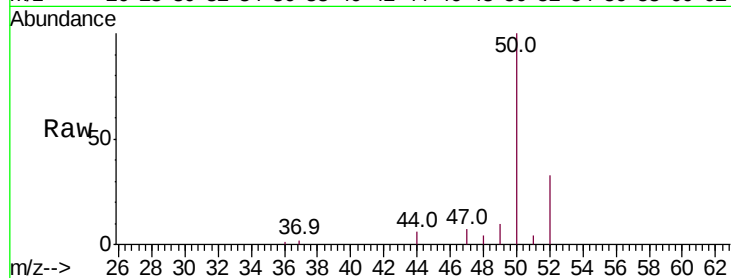
VN1203WBL01

Tot Ion: 50 Resp: 39313

Ion Ratio Lower Upper

50 100

52 32.6 26.6 39.8



#4

Vinyl Chloride

Concen: 16.880 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064891.D

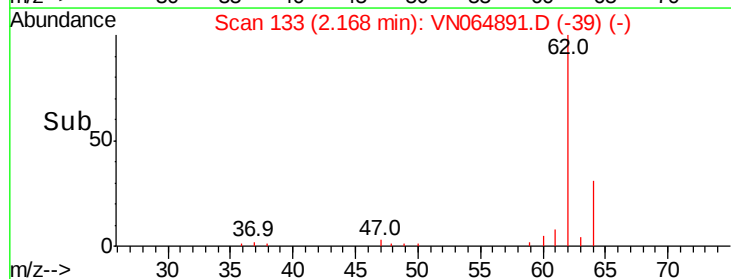
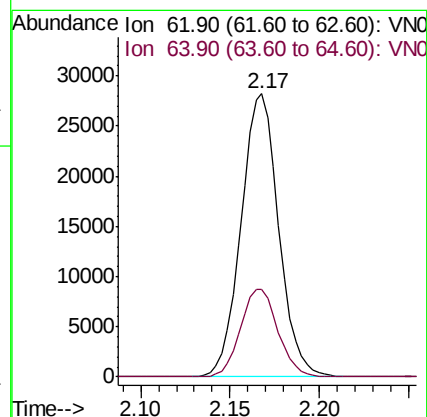
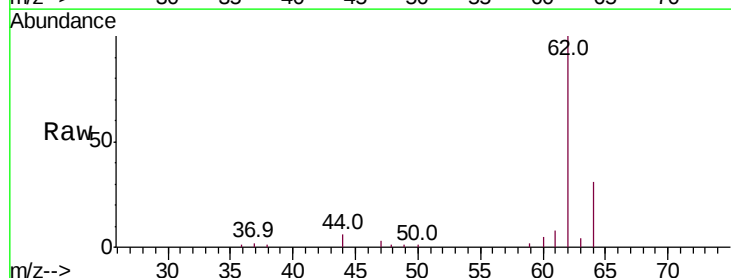
Acq: 3 Dec 2020 11:45

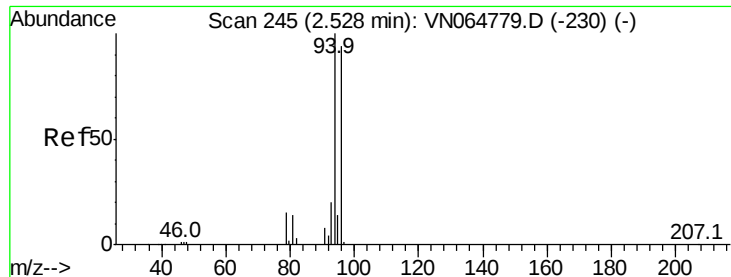
Tgt Ion: 62 Resp: 41464

Ion Ratio Lower Upper

62 100

64 31.0 26.5 39.7





#5

Bromomethane

Concen: 16.312 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

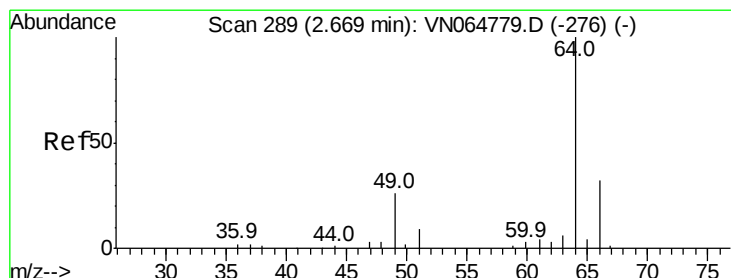
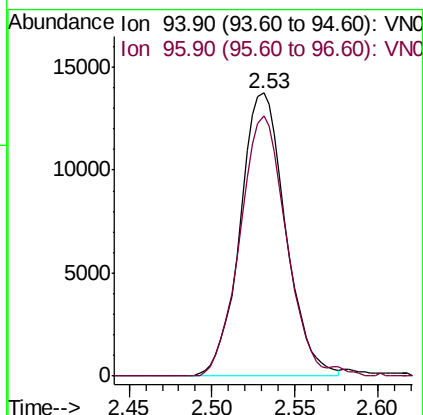
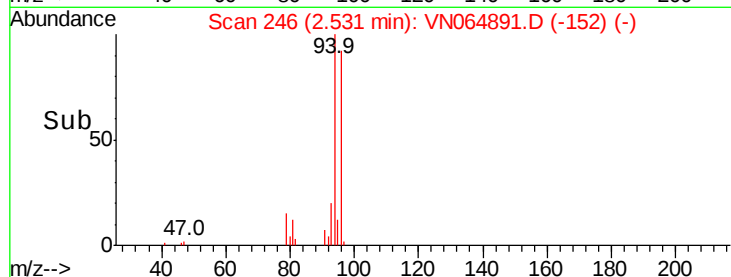
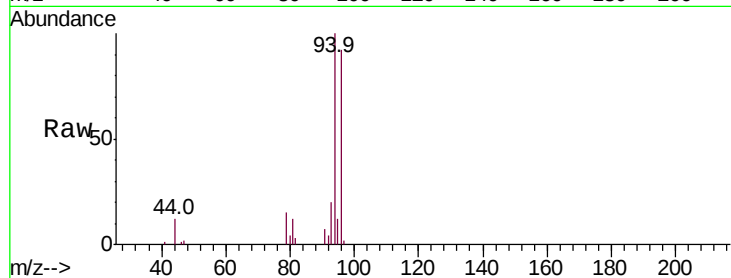
VN1203WBL01

Tot Ion: 94 Resp: 26289

Ion Ratio Lower Upper

94 100

96 91.9 75.4 113.0



#6

Chloroethane

Concen: 17.854 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064891.D

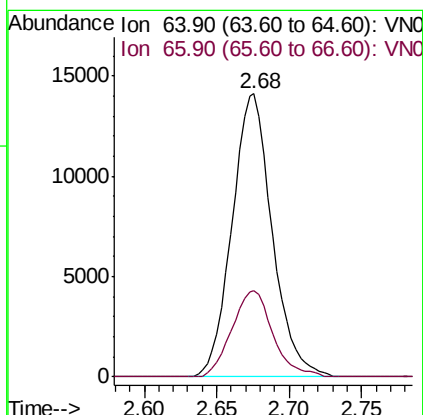
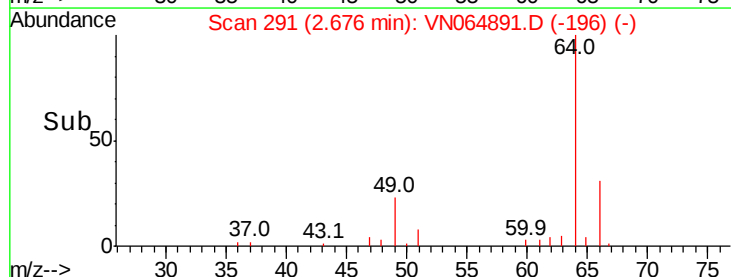
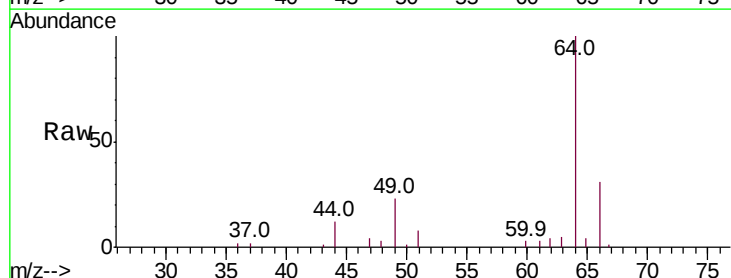
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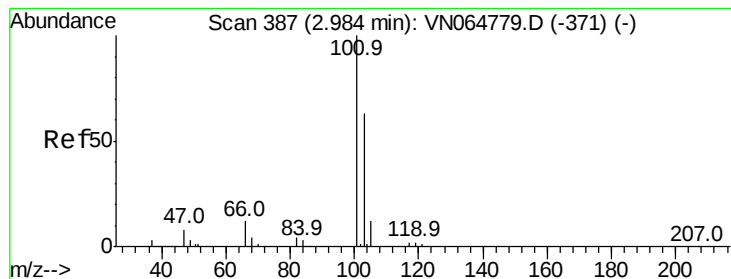
Tgt Ion: 64 Resp: 27125

Ion Ratio Lower Upper

64 100

66 30.6 25.6 38.4



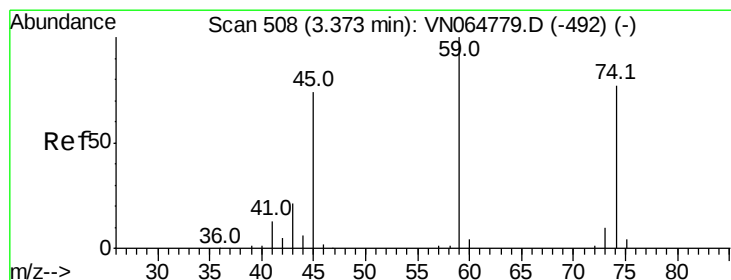
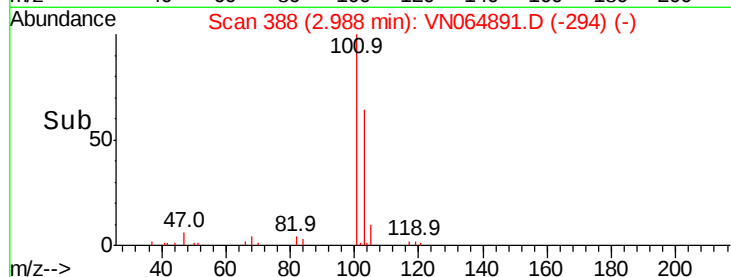
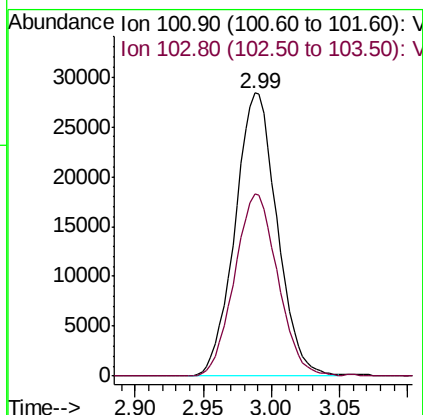
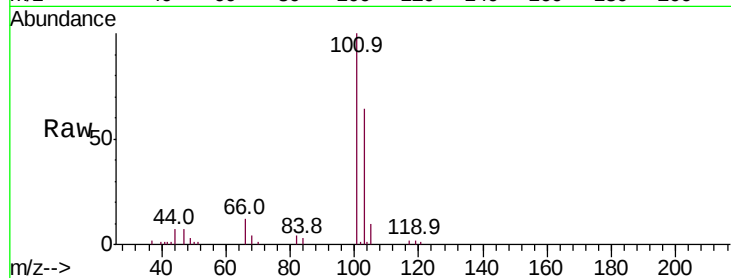


#7

Trichlorofluoromethane
 Concen: 17.926 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064891.D
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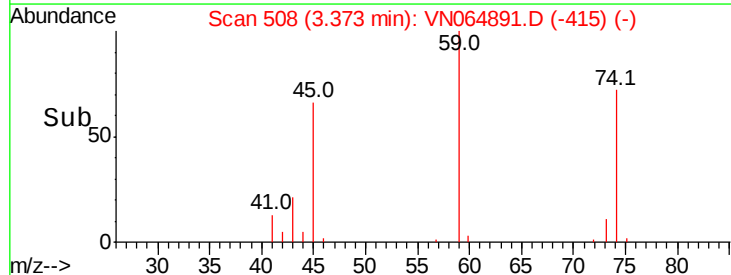
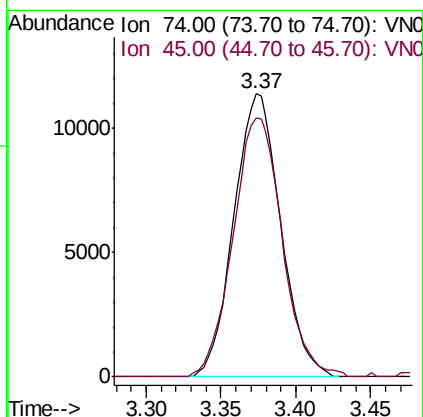
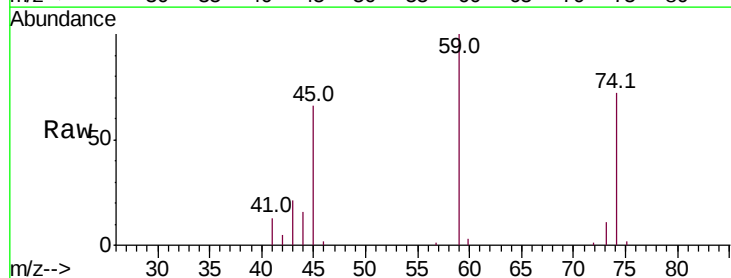
Tot Ion:101 Resp: 60868
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.5 75.7

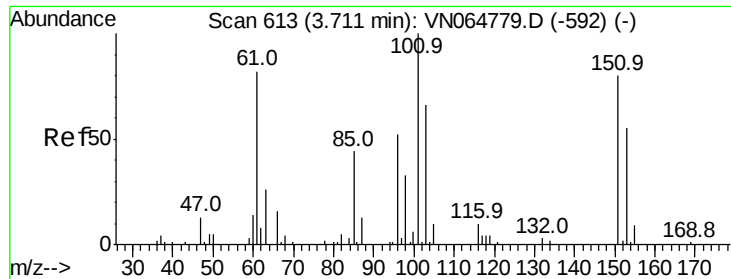


#8

Diethyl Ether
 Concen: 18.432 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Tgt Ion: 74 Resp: 24704
 Ion Ratio Lower Upper
 74 100
 45 96.2 48.9 146.8

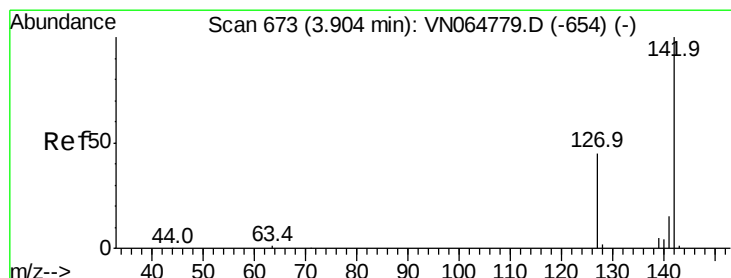
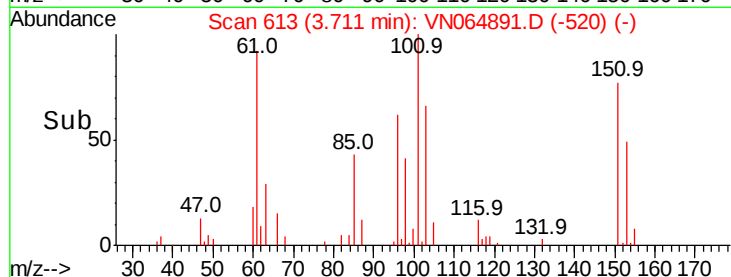
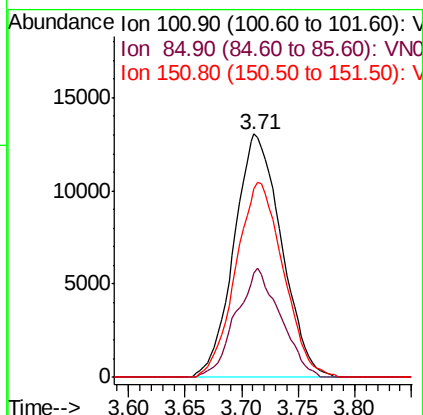
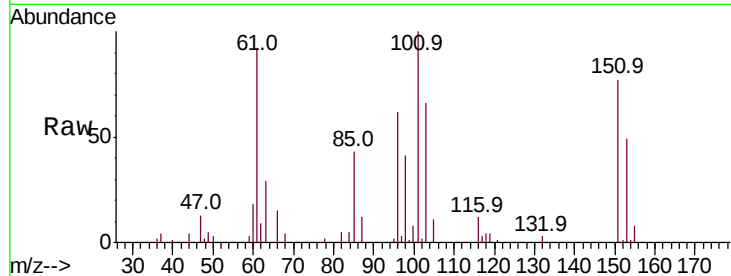




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.639 ug/l
 RT: 3.71 min Scan# 613
 Delta R.T. 0.00 min
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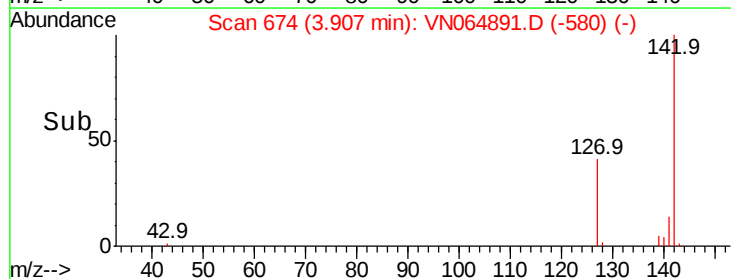
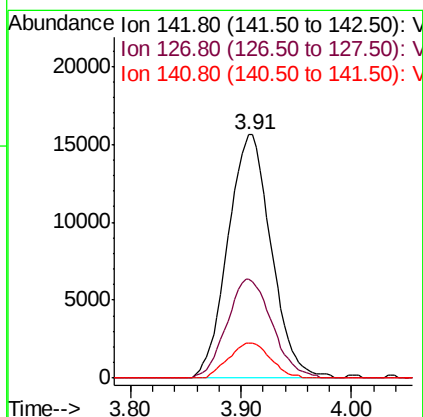
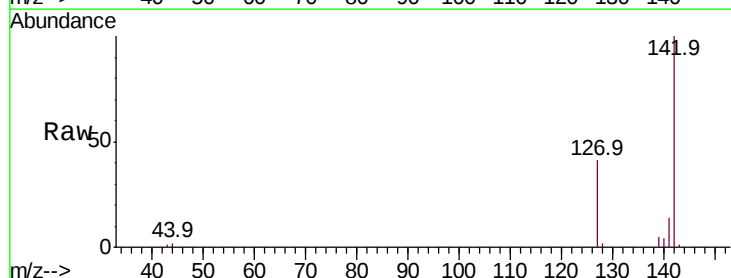
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBL01

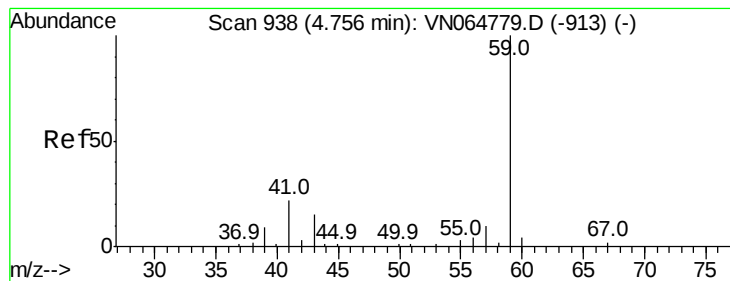
Tot Ion	Ratio	Lower	Upper
101	100		
85	42.1	34.4	51.6
151	80.5	64.0	96.0



#10
 Methyl Iodide
 Concen: 16.073 ug/l
 RT: 3.91 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.4	35.0	52.6
141	13.9	11.8	17.6



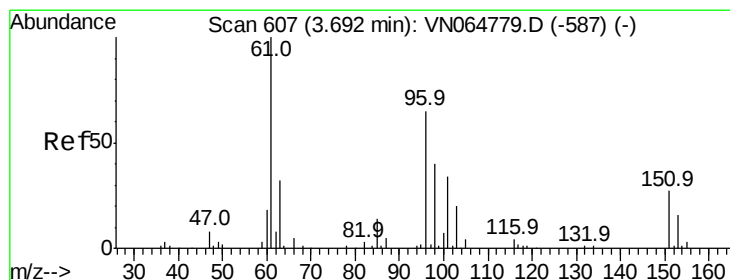
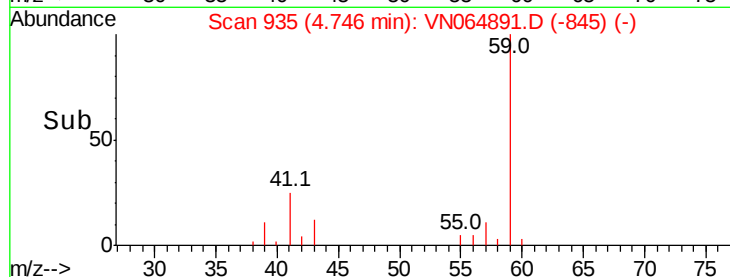
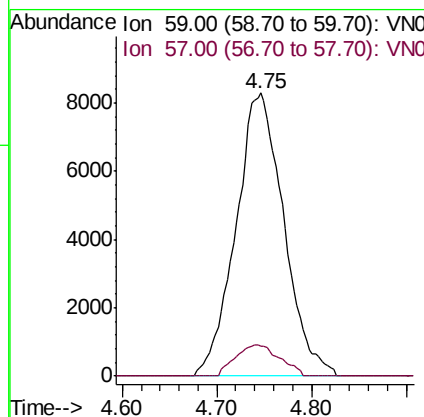
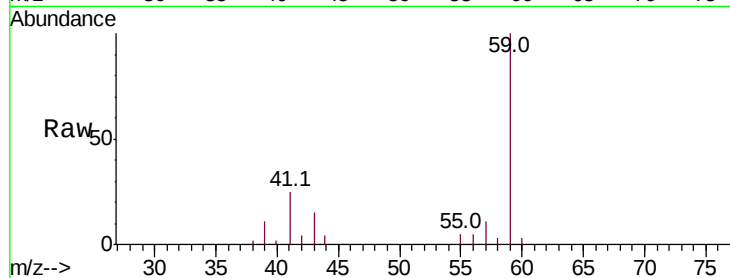


#11

Tert butyl alcohol
 Concen: 76.791 ug/l
 RT: 4.75 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBL01

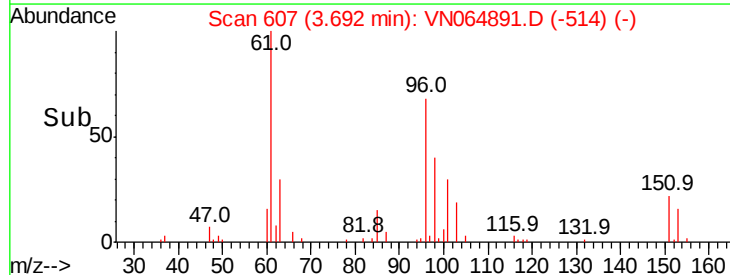
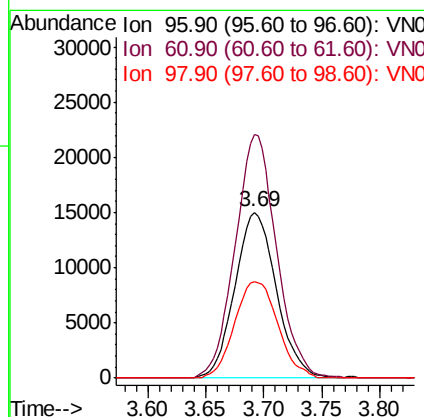
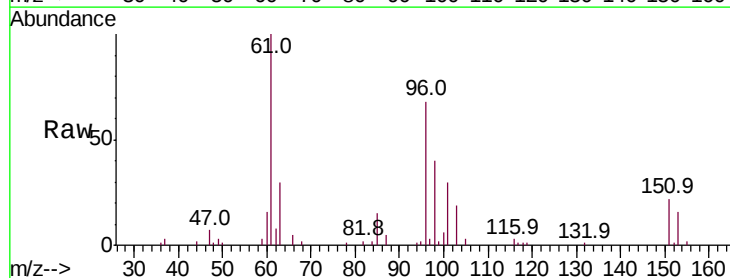
Tot Ion: 59 Resp: 29126
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.9 11.9

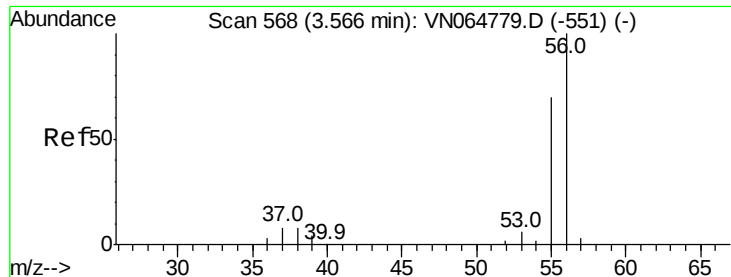


#12

1,1-Dichloroethene
 Concen: 18.422 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Tgt Ion: 96 Resp: 37372
 Ion Ratio Lower Upper
 96 100
 61 146.6 123.4 185.2
 98 57.9 49.8 74.8





#13

Acrolein

Concen: 104.469 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

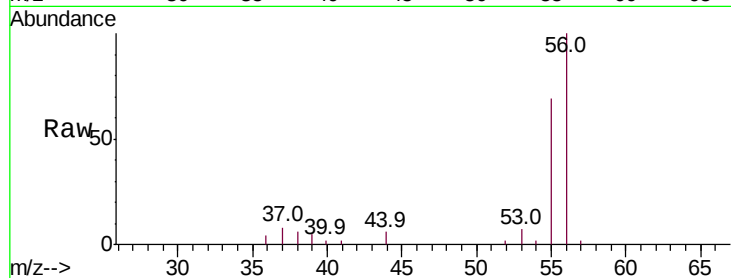
VN1203WBL01

Tot Ion: 56 Resp: 24203

Ion Ratio Lower Upper

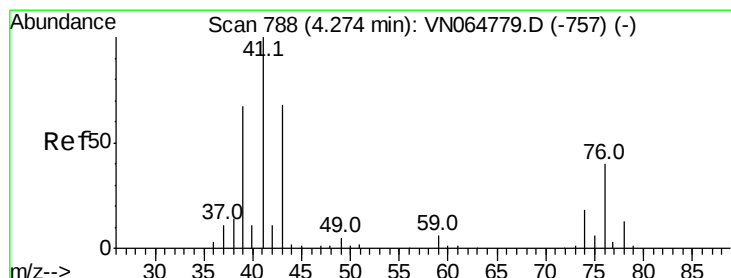
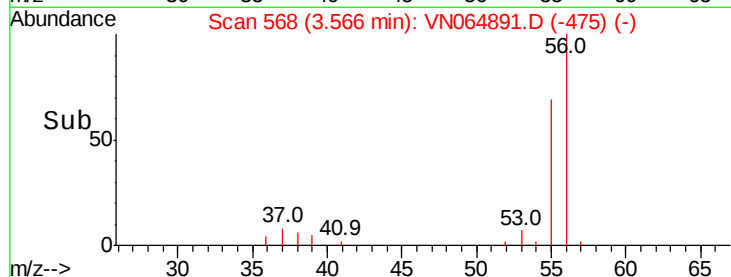
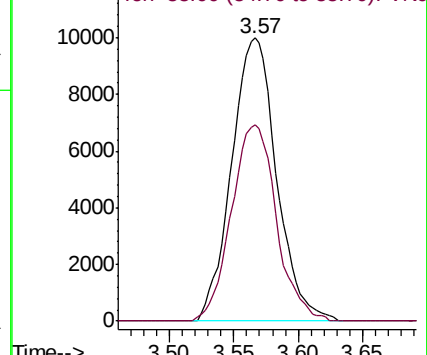
56 100

55 69.5 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 16.884 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

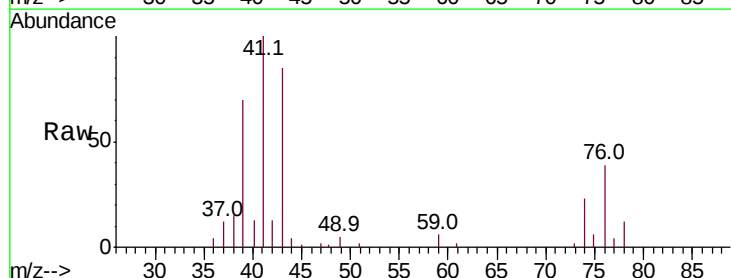
Tgt Ion: 41 Resp: 56491

Ion Ratio Lower Upper

41 100

39 63.8 50.9 76.3

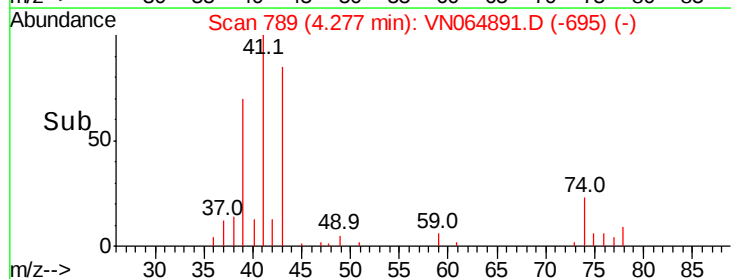
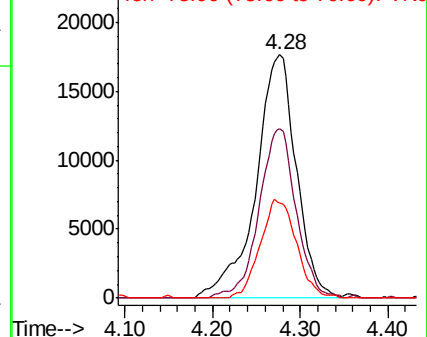
76 36.3 29.0 43.4

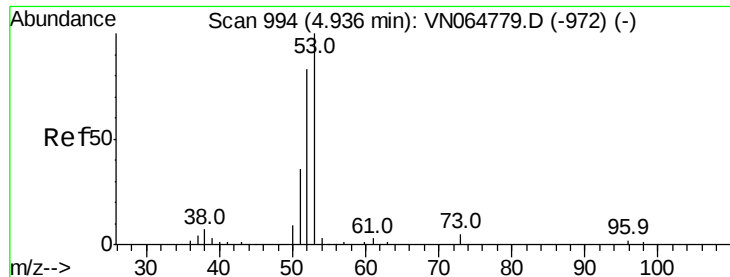


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 87.179 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBL01

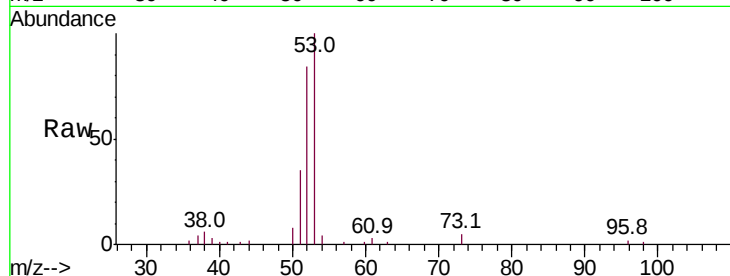
Tot Ion: 53 Resp: 91346

Ion Ratio Lower Upper

53 100

52 81.7 65.5 98.3

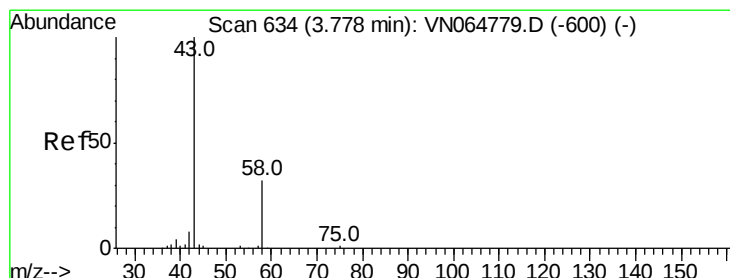
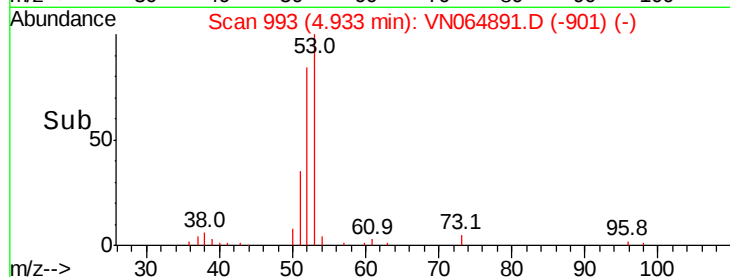
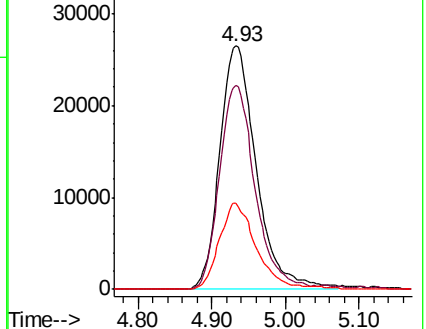
51 35.5 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064891.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN064891.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN064891.D (-901) (-)



#16

Acetone

Concen: 85.113 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064891.D

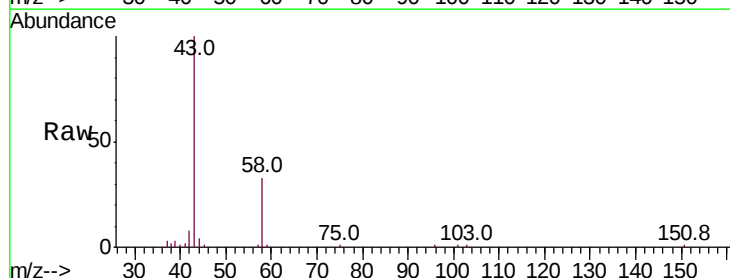
Acq: 3 Dec 2020 11:45

Tgt Ion: 43 Resp: 68047

Ion Ratio Lower Upper

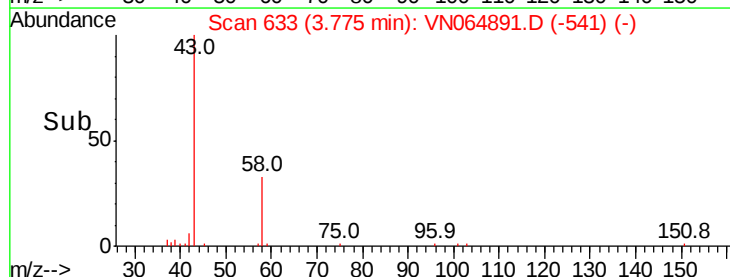
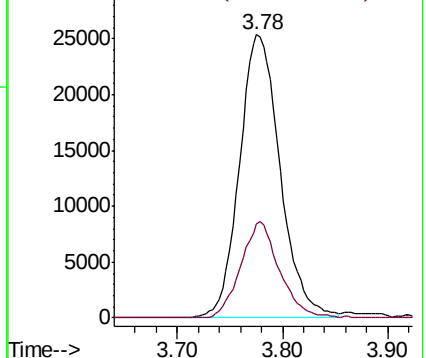
43 100

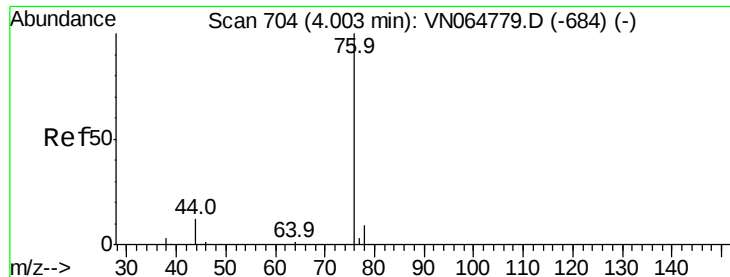
58 33.1 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064891.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064891.D (-541) (-)

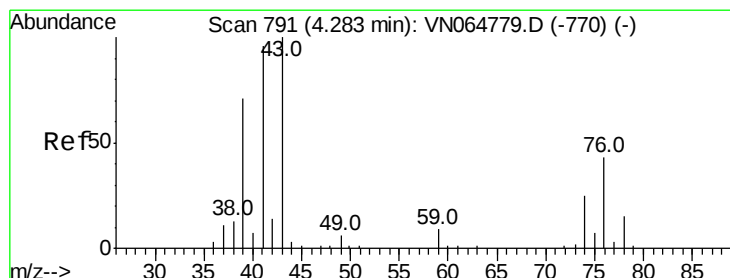
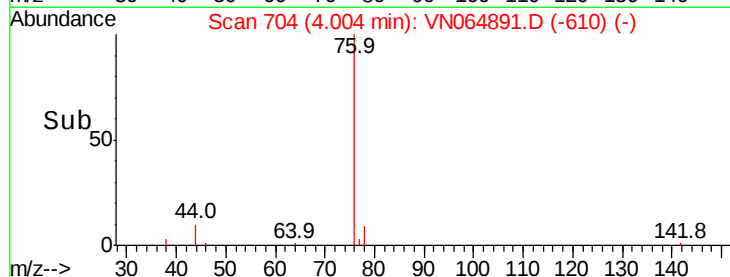
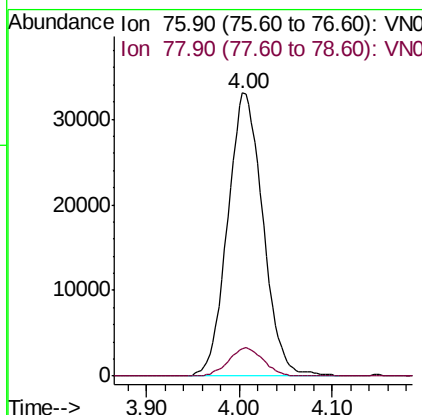
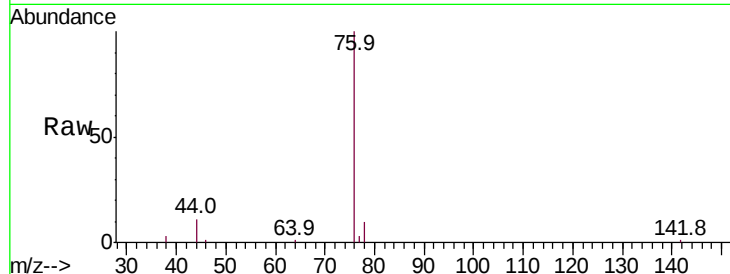




#17
Carbon Disulfide
Concen: 16.667 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

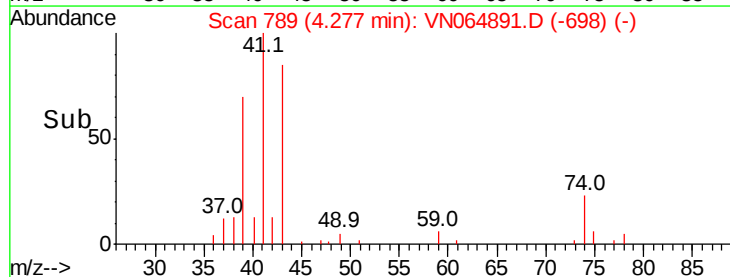
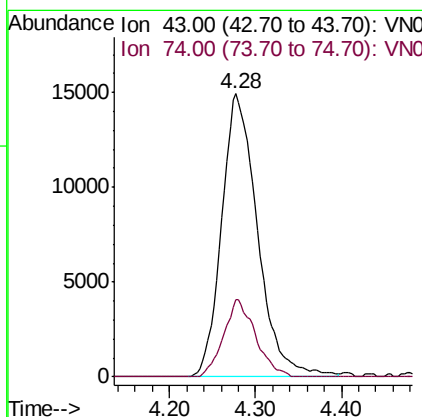
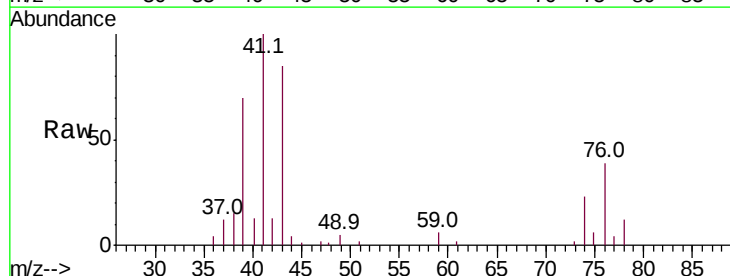
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBL01

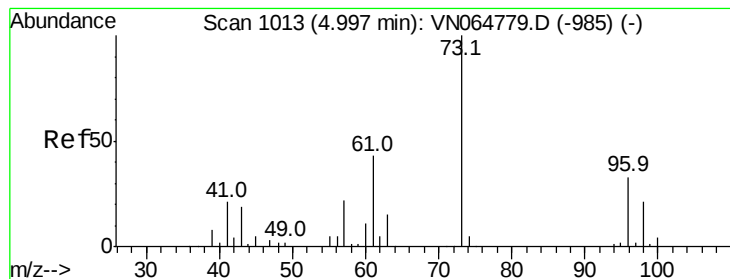
Tot Ion: 76 Resp: 87278
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 18.026 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Tgt Ion: 43 Resp: 43330
Ion Ratio Lower Upper
43 100
74 24.4 20.2 30.2



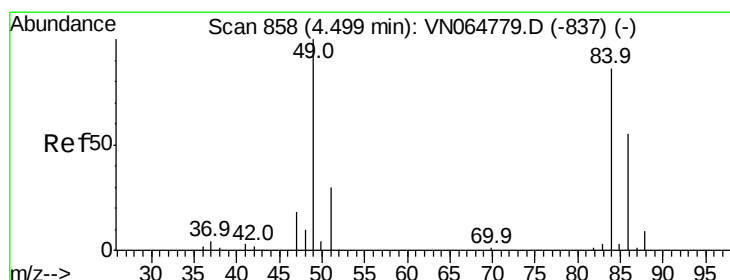
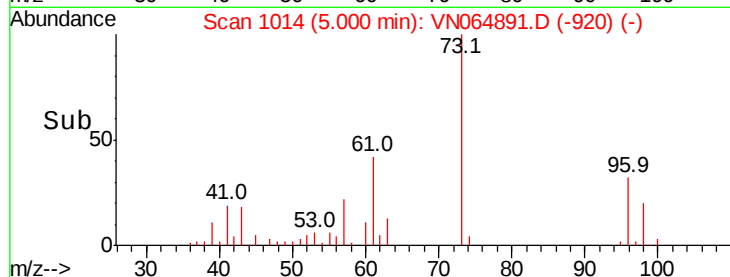
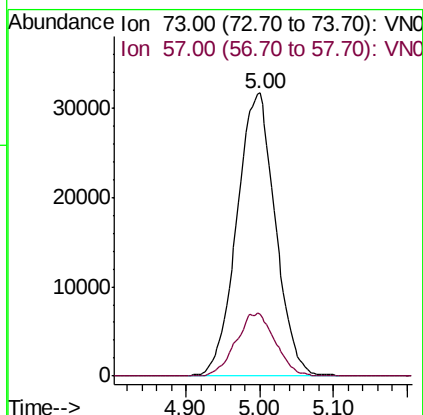
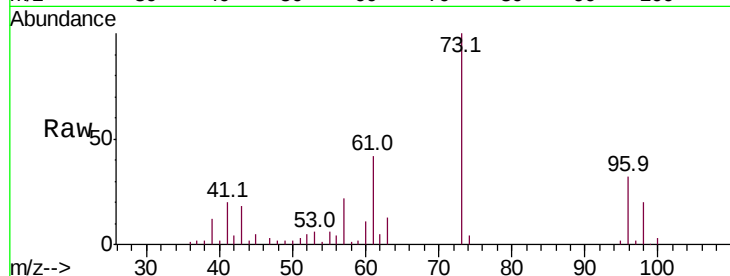


#19

Methyl tert-butyl Ether
 Concen: 17.710 ug/l
 RT: 5.00 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBL01

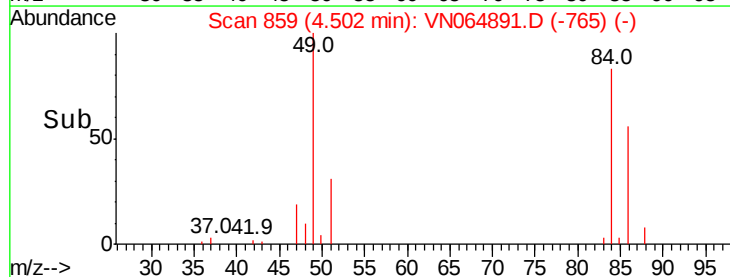
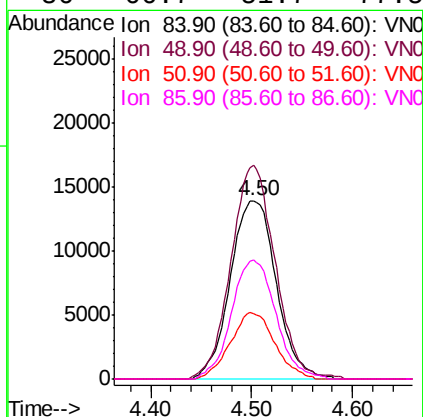
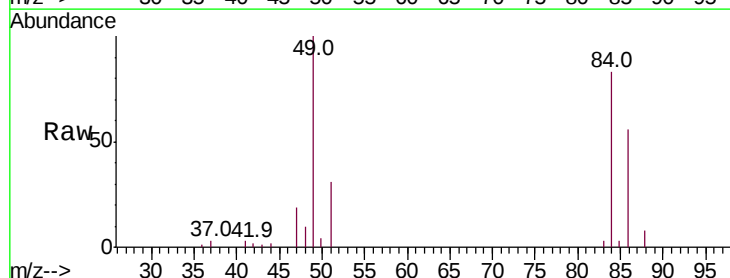
Tot Ion: 73 Resp: 115223
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.4 26.0

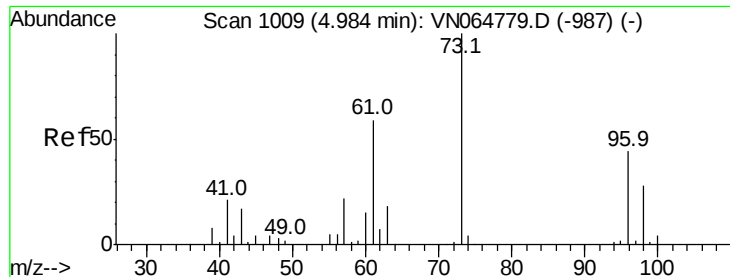


#20

Methylene Chloride
 Concen: 17.621 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Tgt Ion: 84 Resp: 44144
 Ion Ratio Lower Upper
 84 100
 49 119.9 93.4 140.0
 51 36.9 28.2 42.4
 86 66.7 51.7 77.5



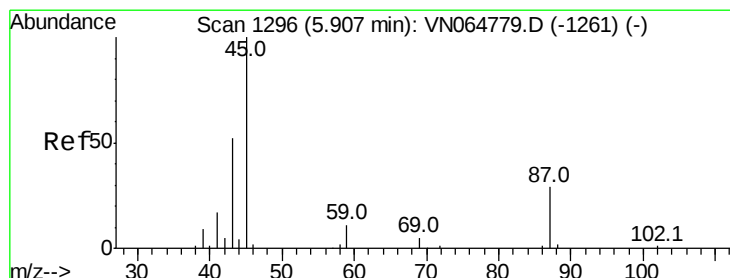
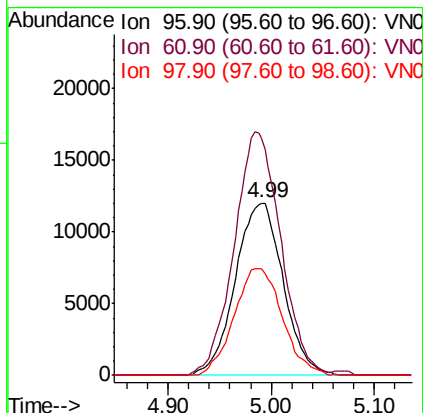
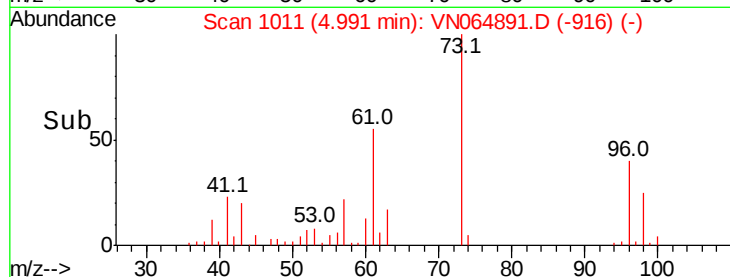
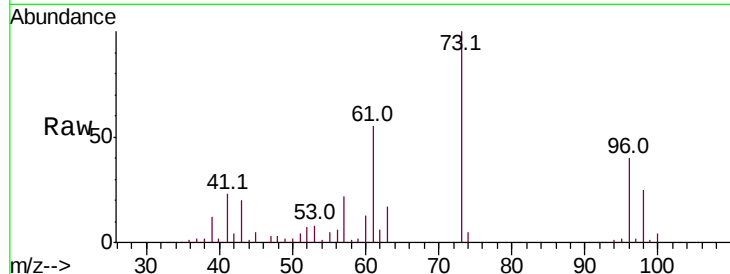


#21

trans-1,2-Dichloroethene
Concen: 17.170 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBL01

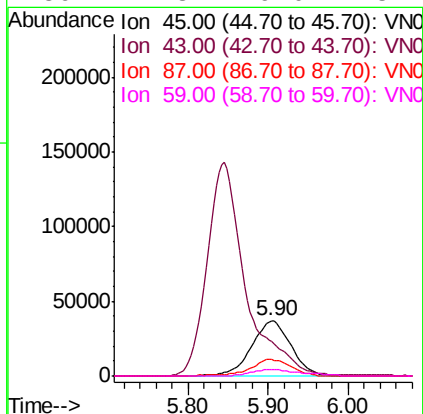
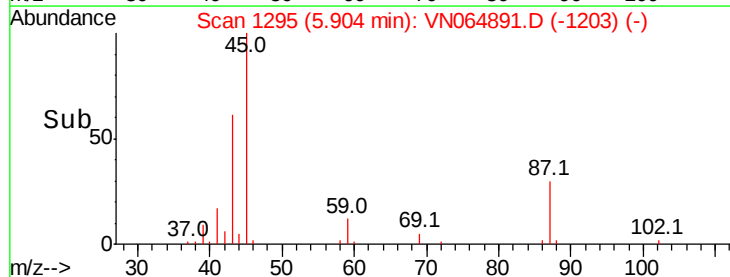
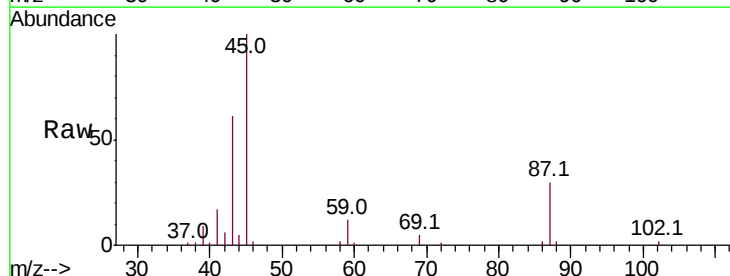
Tot Ion: 96 Resp: 38681
Ion Ratio Lower Upper
96 100
61 137.4 108.4 162.6
98 61.6 51.3 76.9

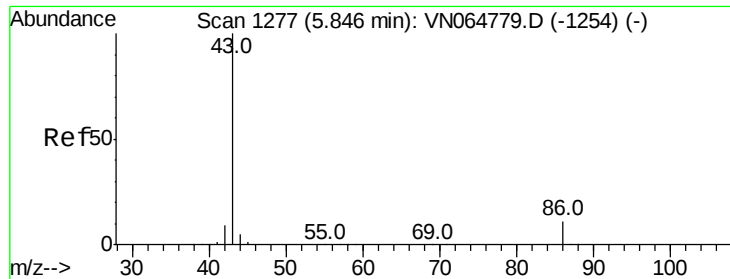


#22

Diisopropyl ether
Concen: 18.695 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Tgt Ion: 45 Resp: 125203
Ion Ratio Lower Upper
45 100
43 58.5 46.2 69.2
87 29.6 24.1 36.1
59 12.3 9.0 13.4

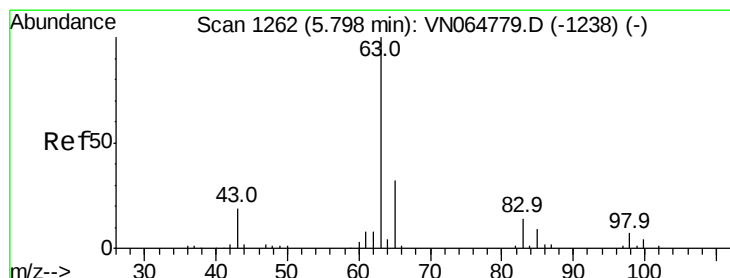
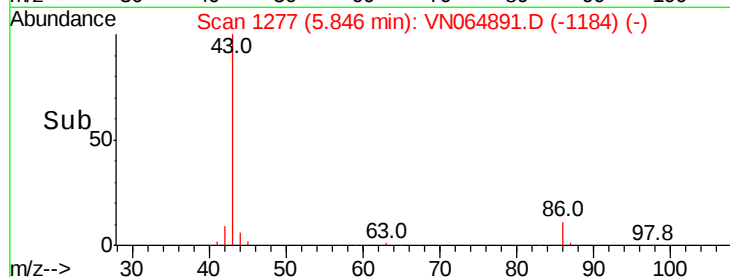
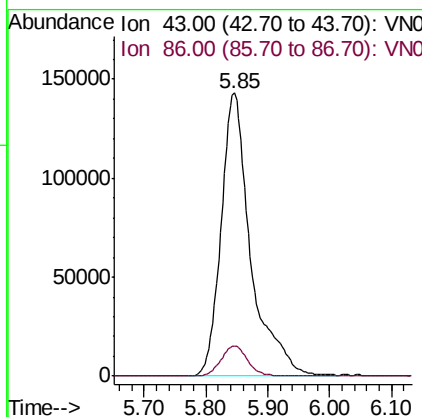
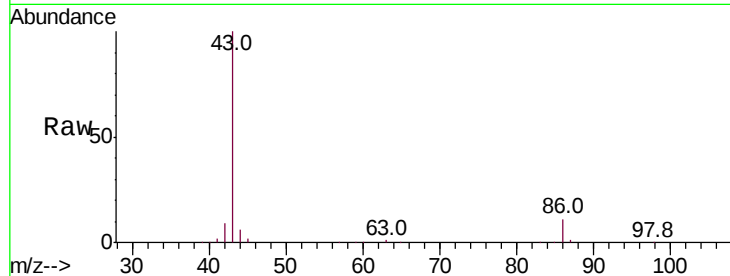




#23
 Vinyl Acetate
 Concen: 89.201 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

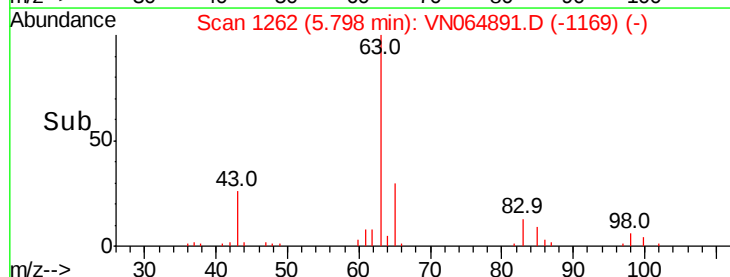
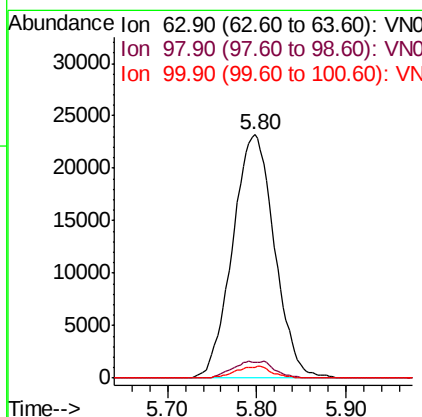
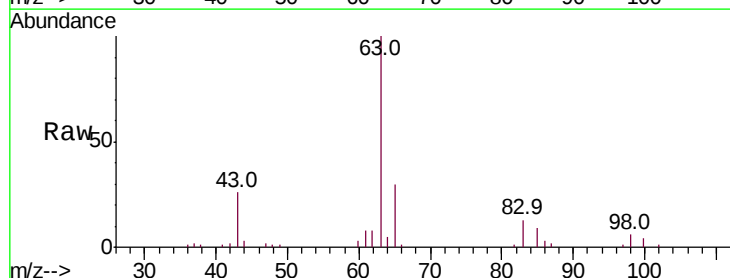
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBL01

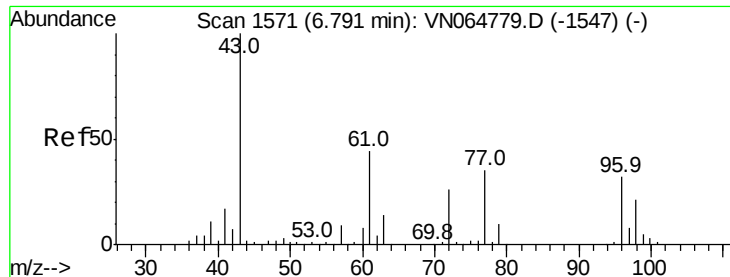
Tot Ion: 43 Resp: 477711
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 18.926 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Tgt Ion: 63 Resp: 75750
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.5
 100 4.4 2.3 6.8

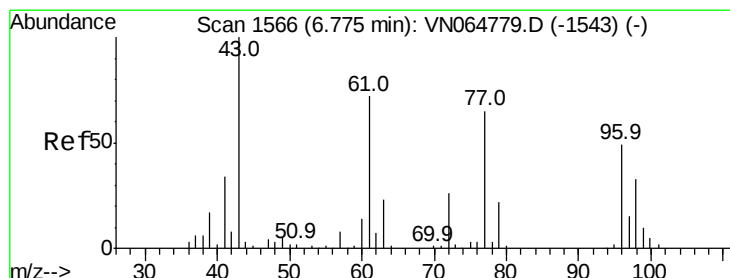
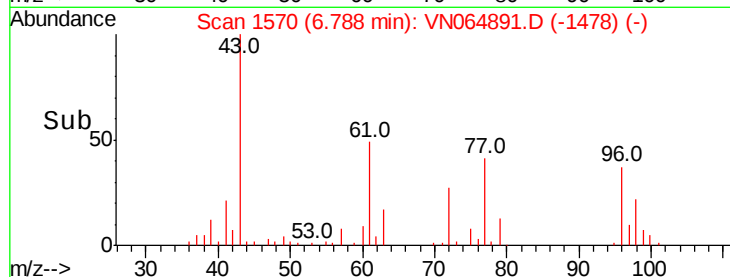
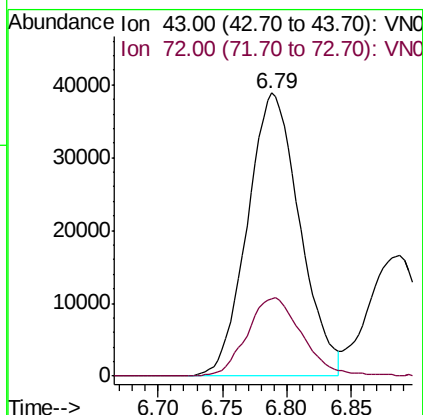
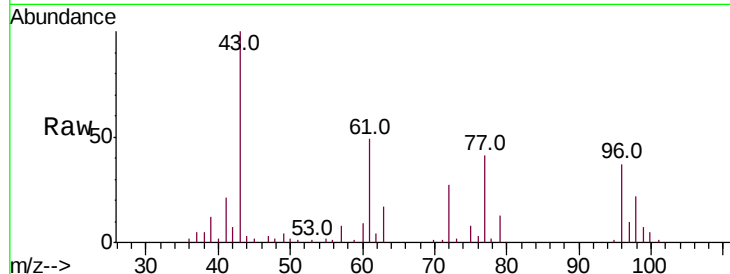




#25
2-Butanone
Concen: 84.990 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

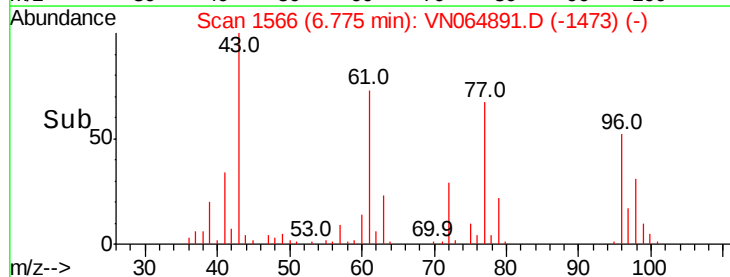
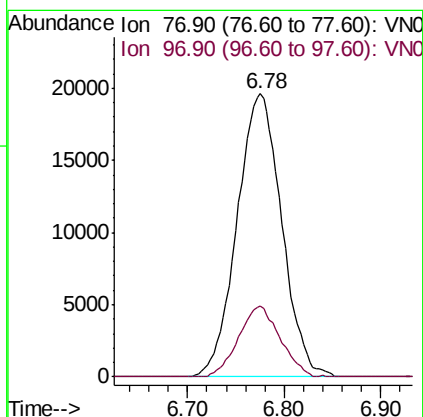
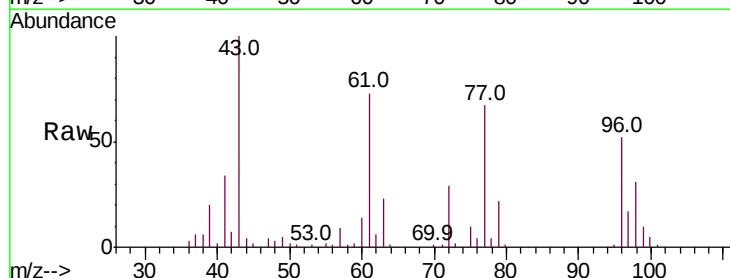
Instrument :
MSVOA_N
ClientSampled :
VN1203WBL01

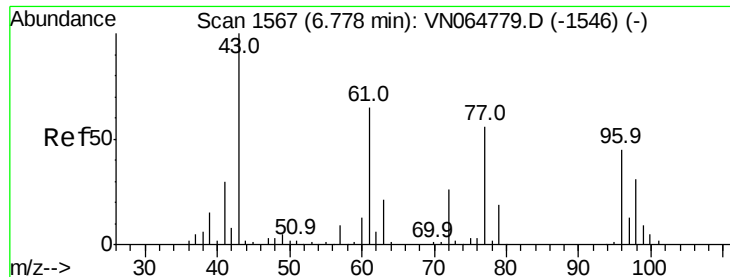
Tot Ion: 43 Resp: 110148
Ion Ratio Lower Upper
43 100
72 27.4 21.0 31.6



#26
2,2-Dichloropropane
Concen: 18.084 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Tgt Ion: 77 Resp: 62775
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.020 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBL01

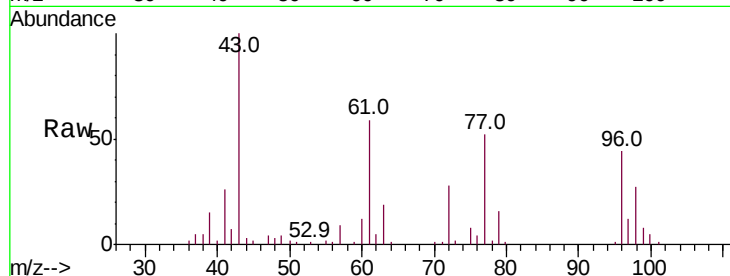
Tot Ion: 96 Resp: 45680

Ion Ratio Lower Upper

96 100

61 141.0 0.0 285.8

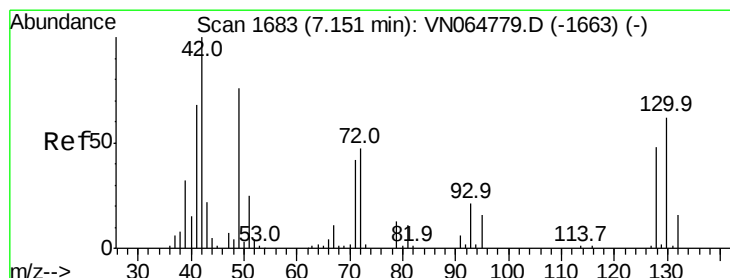
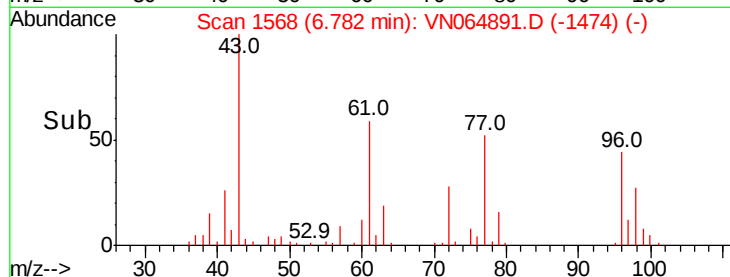
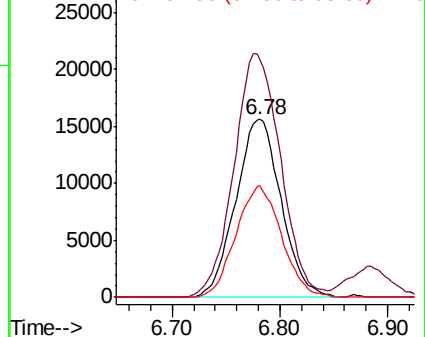
98 63.0 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.011 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

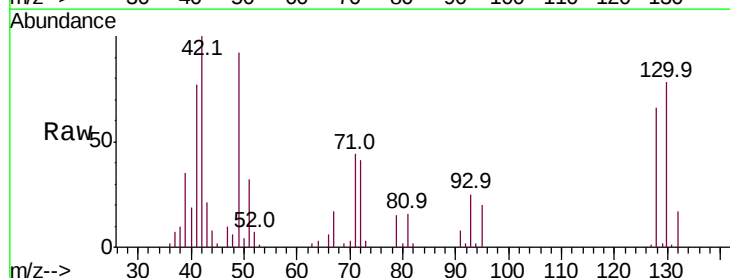
Tgt Ion: 49 Resp: 36639

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

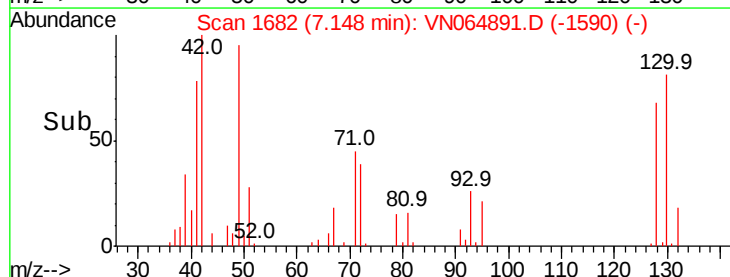
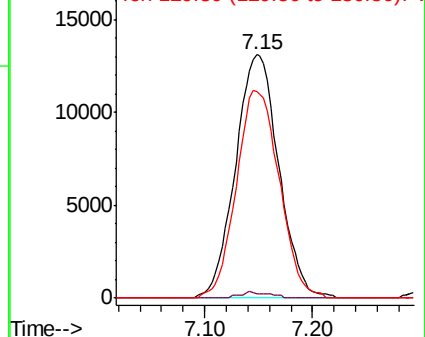
130 84.5 66.2 99.2

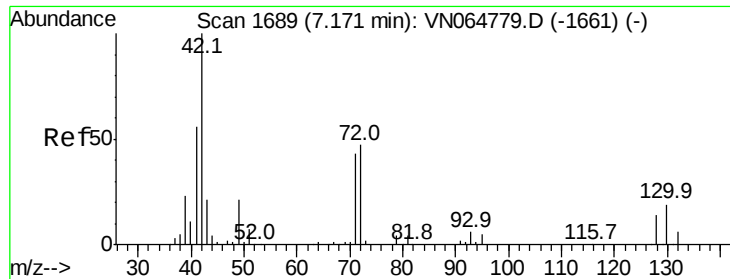


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

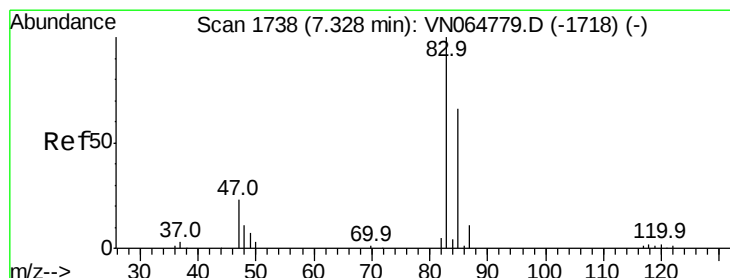
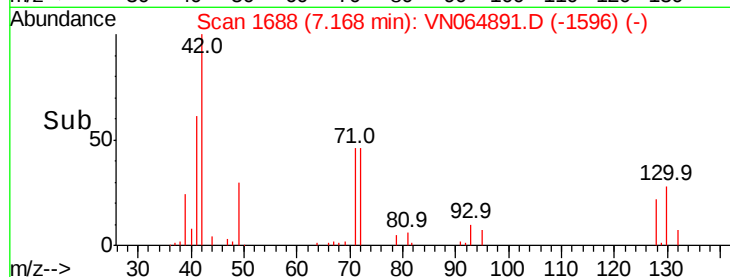
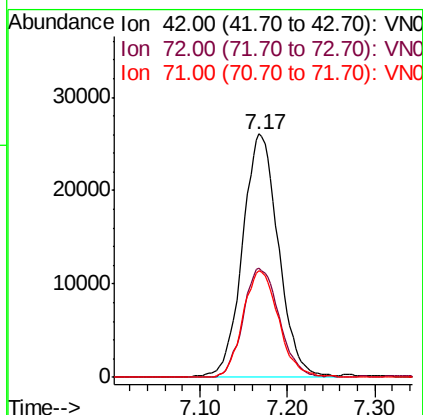
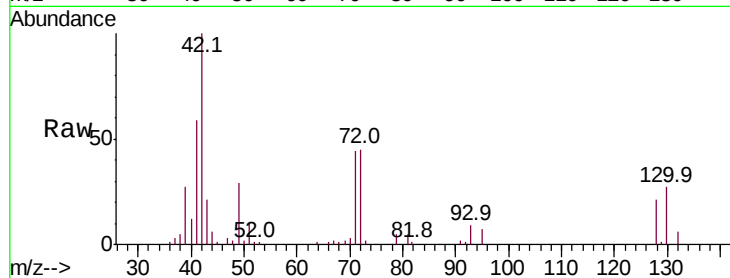




#29
Tetrahydrofuran
Concen: 83.173 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

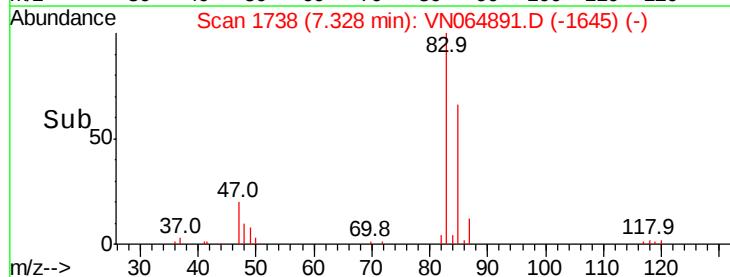
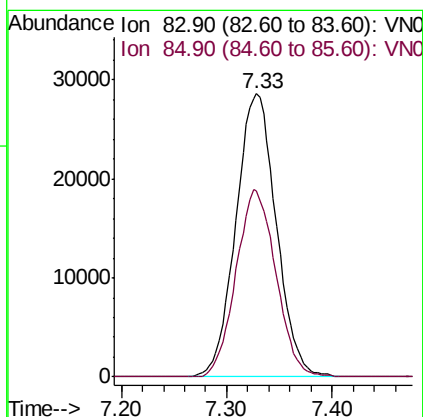
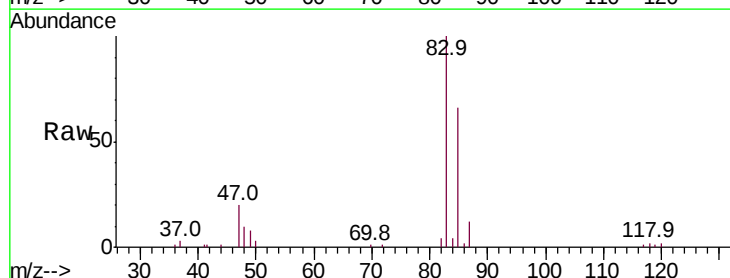
Instrument :
MSVOA_N
ClientSampled :
VN1203WBL01

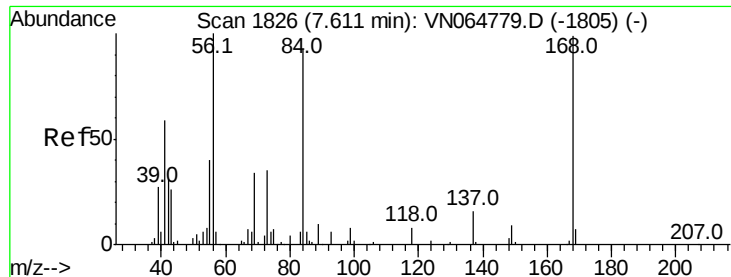
Tot Ion: 42 Resp: 74409
Ion Ratio Lower Upper
42 100
72 44.8 36.6 54.8
71 43.4 33.6 50.4



#30
Chloroform
Concen: 18.419 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Tgt Ion: 83 Resp: 76021
Ion Ratio Lower Upper
83 100
85 65.6 52.6 78.8





#31

Cyclohexane

Concen: 17.243 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBL01

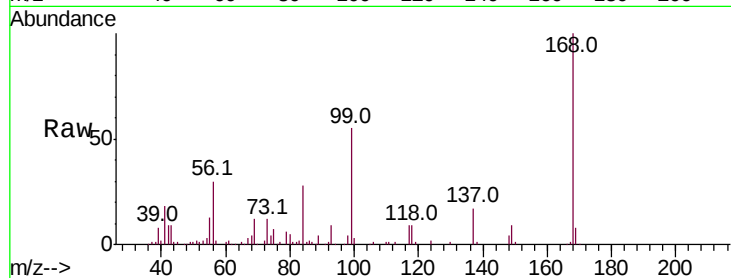
Tot Ion: 56 Resp: 58450

Ion Ratio Lower Upper

56 100

69 40.0 27.5 41.3

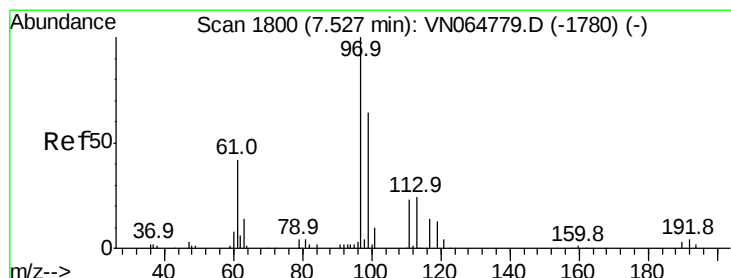
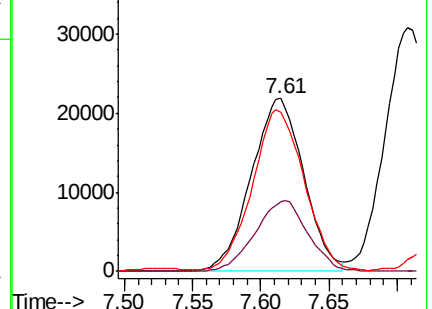
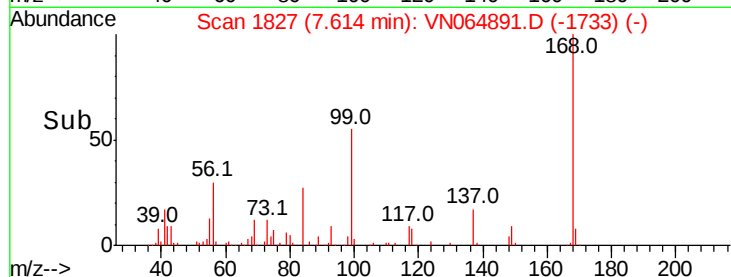
84 90.8 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.490 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

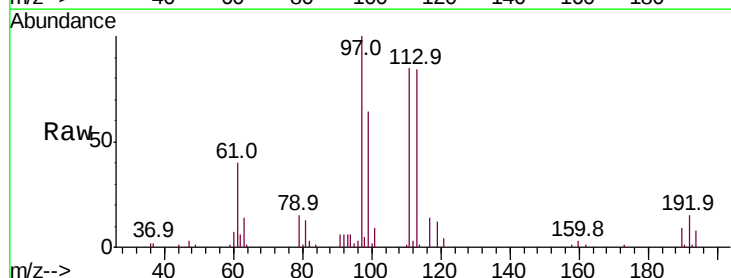
Tgt Ion: 97 Resp: 65545

Ion Ratio Lower Upper

97 100

99 65.2 51.7 77.5

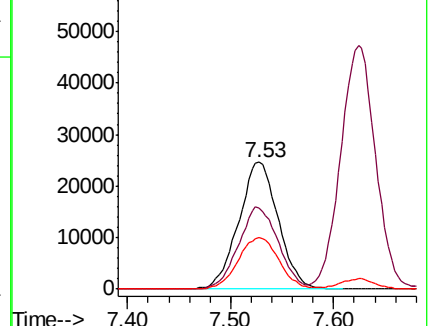
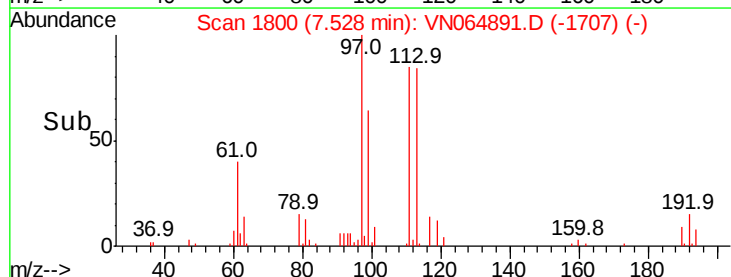
61 42.0 33.9 50.9

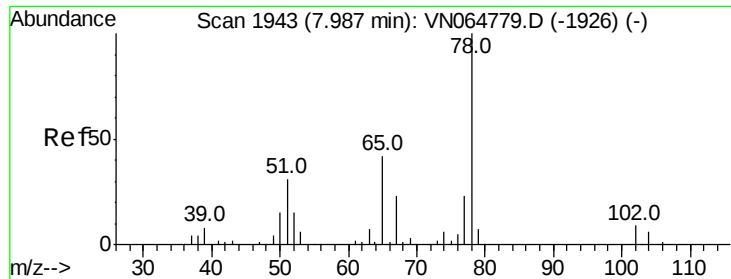


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.094 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

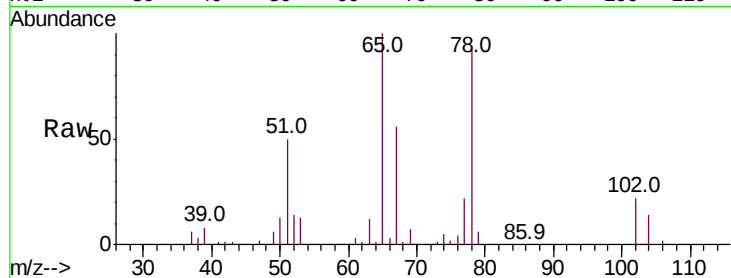
VN1203WBL01

Tot Ion: 65 Resp: 124264

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064891.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064891.D (-1850) (-)

7.99

60000

50000

40000

30000

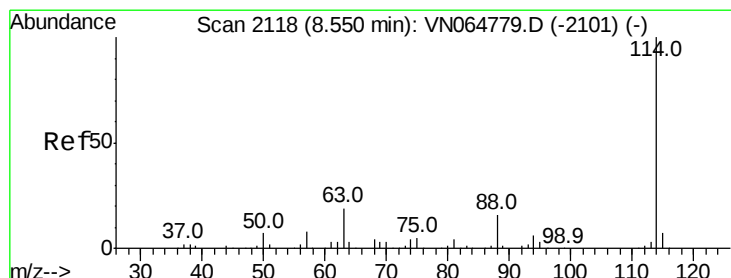
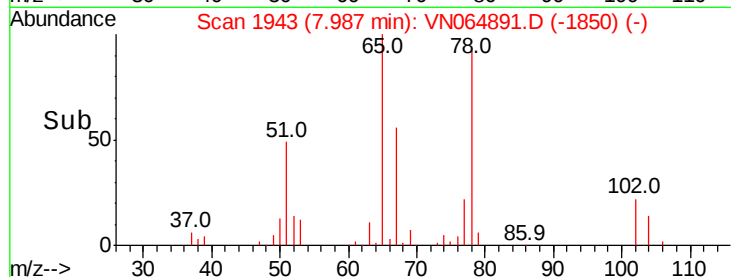
20000

10000

0

Time-->

7.90 7.95 8.00 8.05



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

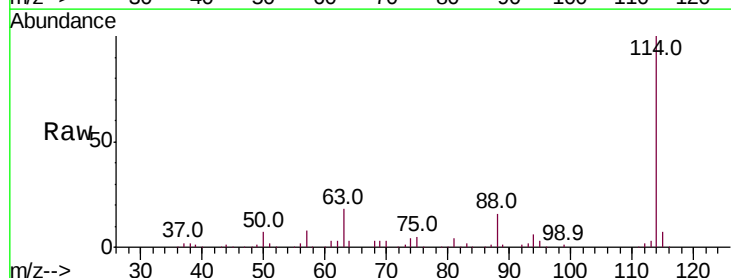
Tgt Ion:114 Resp: 324859

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.6

88 15.6 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VN064891.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064891.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064891.D (-2025) (-)

8.55

200000

150000

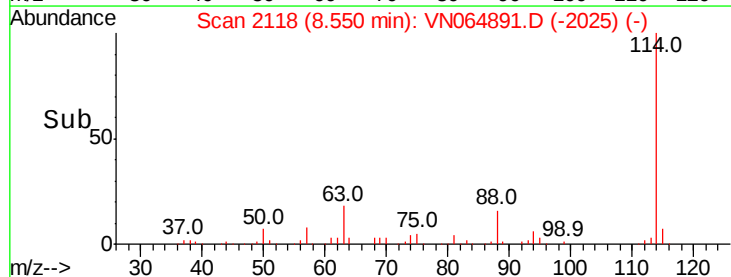
100000

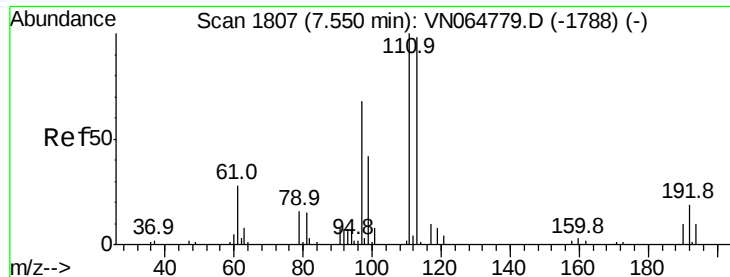
50000

0

Time-->

8.50 8.55 8.60

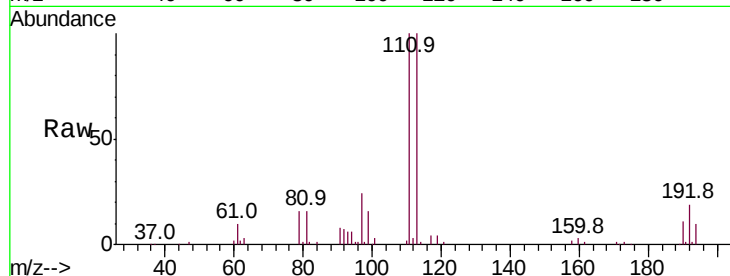




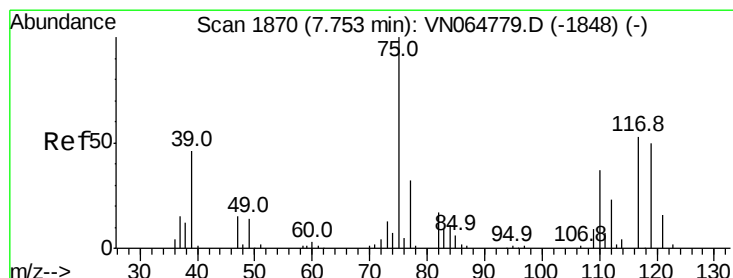
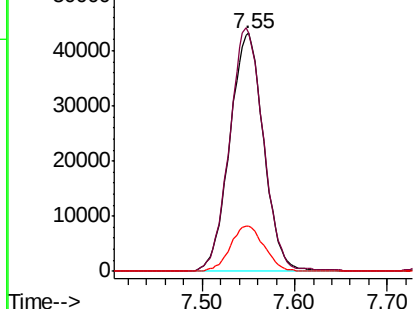
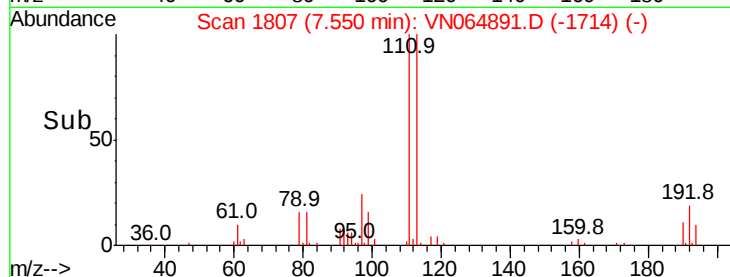
#35
 Dibromofluoromethane
 Concen: 56.391 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBL01

Tot Ion:113 Resp: 109615
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.6 122.4
 192 19.0 16.2 24.2

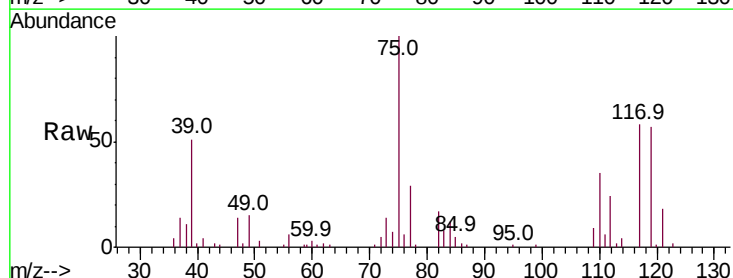


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

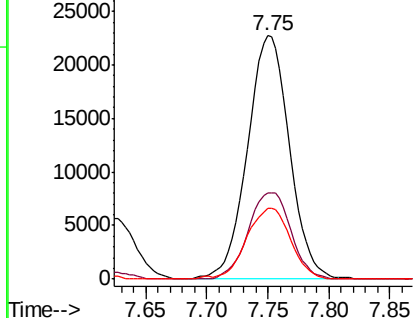
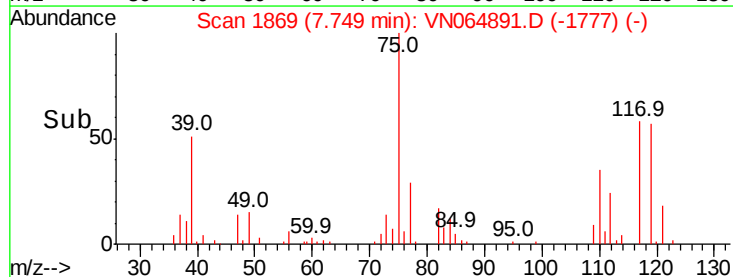


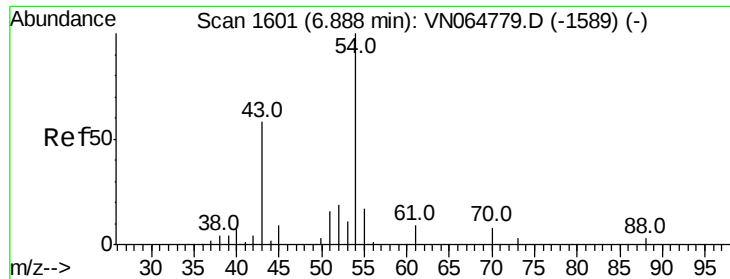
#36
 1,1-Dichloropropene
 Concen: 17.978 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Tgt Ion: 75 Resp: 54135
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.8 53.3
 77 30.1 25.0 37.4



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

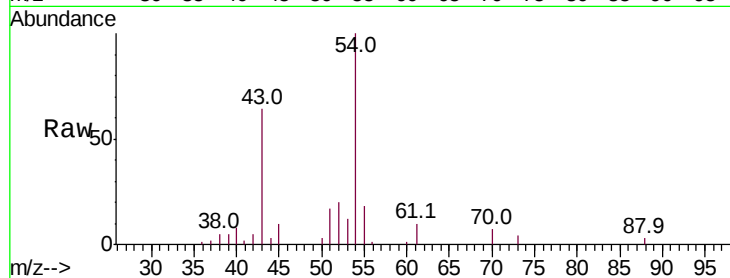




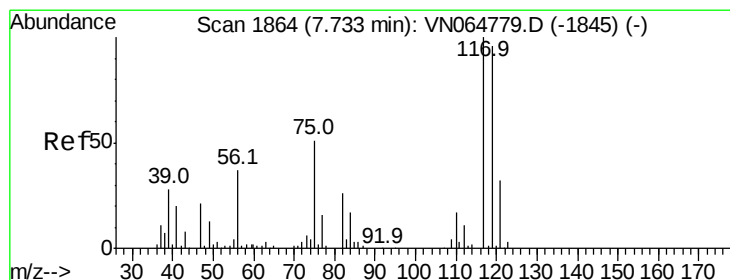
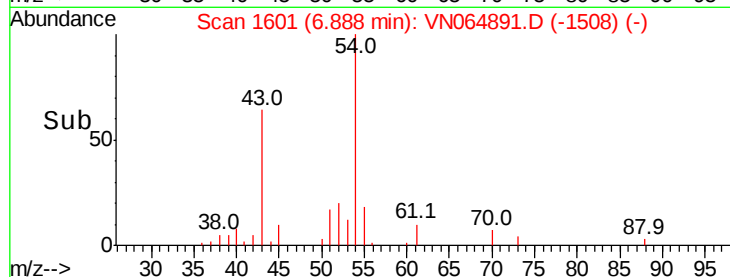
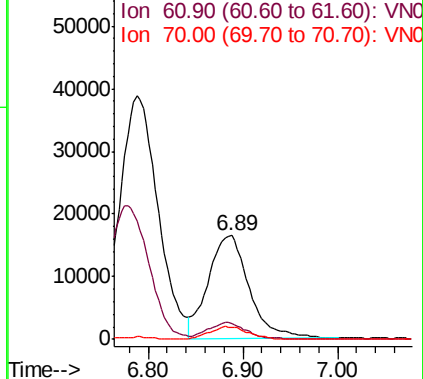
#37
Ethyl Acetate
Concen: 17.101 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBL01

Tot Ion: 43 Resp: 49603
Ion Ratio Lower Upper
43 100
61 15.2 12.8 19.2
70 11.4 8.8 13.2

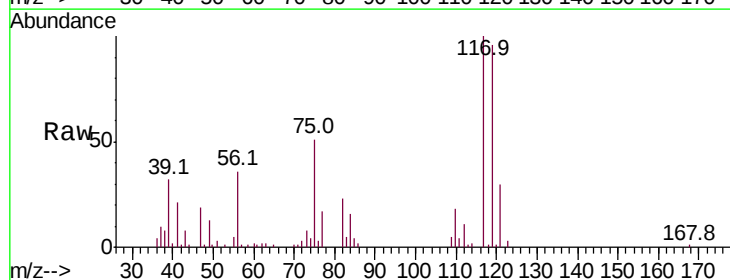


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

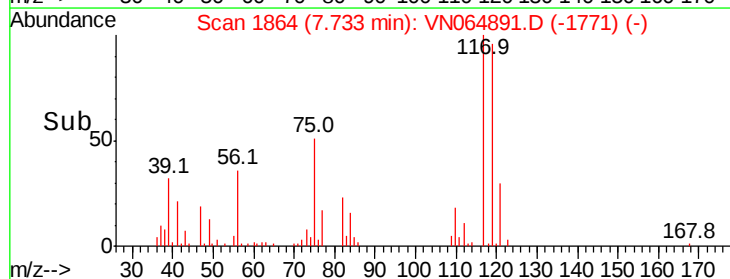
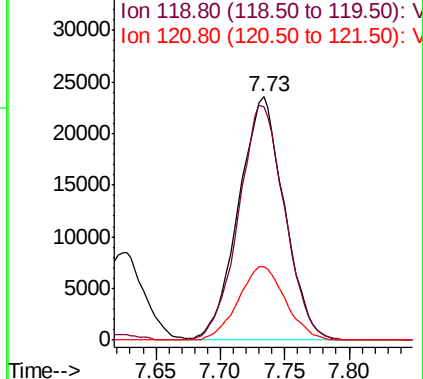


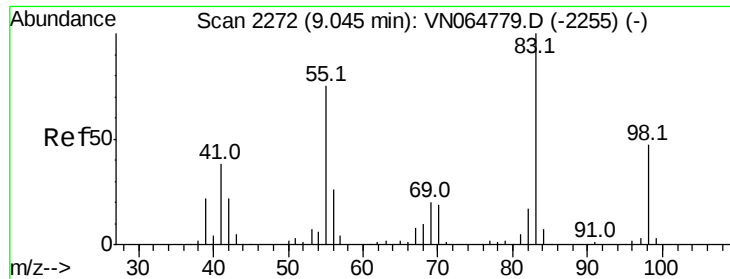
#38
Carbon Tetrachloride
Concen: 18.551 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Tgt Ion: 117 Resp: 58120
Ion Ratio Lower Upper
117 100
119 95.7 76.7 115.1
121 30.1 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

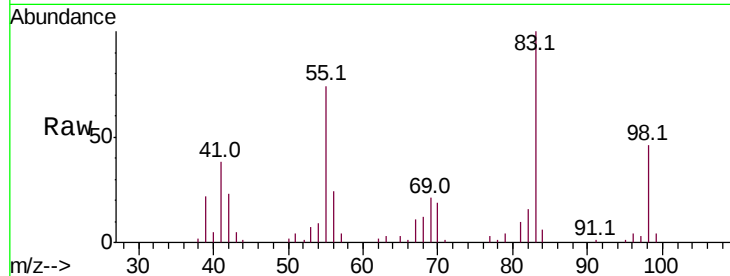




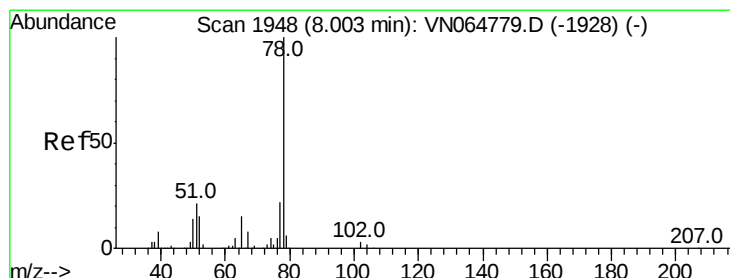
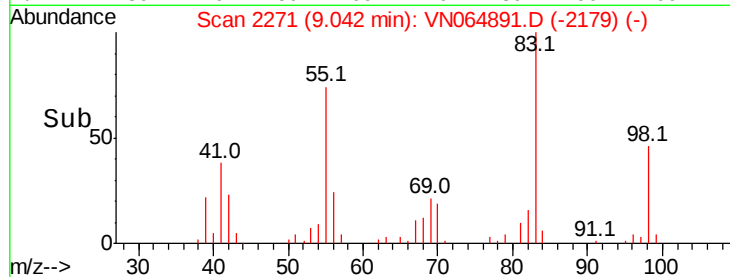
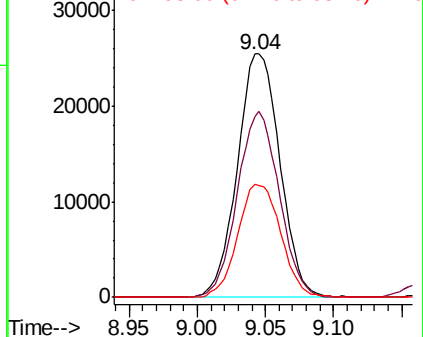
#39
Methvlcvclohexane
Concen: 17.033 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBL01

Tot Ion: 83 Resp: 55212
Ion Ratio Lower Upper
83 100
55 74.3 60.2 90.2
98 46.2 37.4 56.2

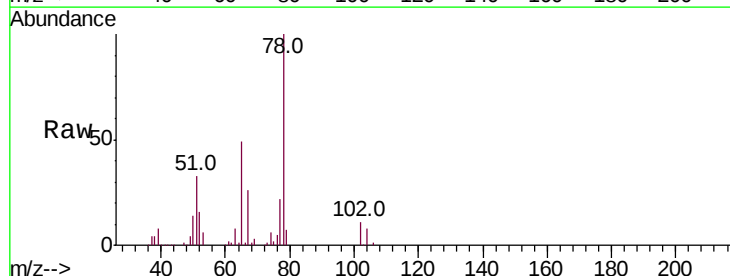


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

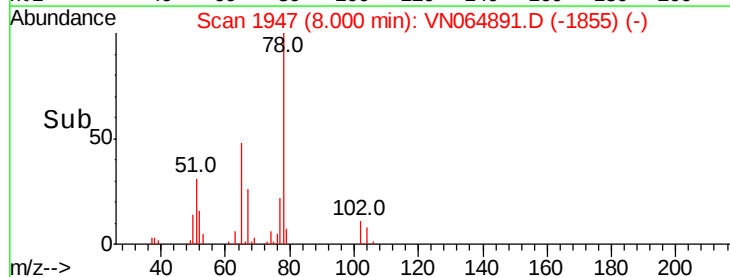
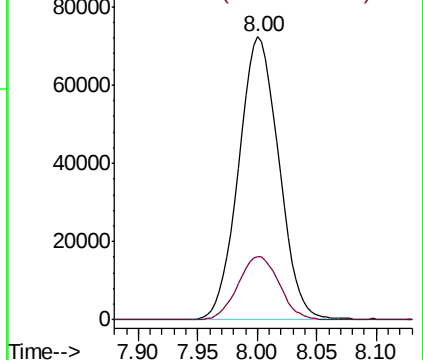


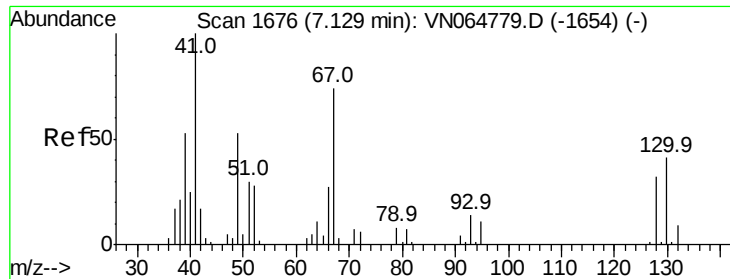
#40
Benzene
Concen: 18.389 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Tgt Ion: 78 Resp: 169679
Ion Ratio Lower Upper
78 100
77 22.4 17.9 26.9



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

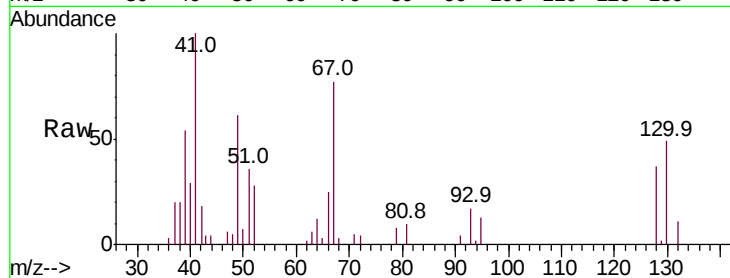




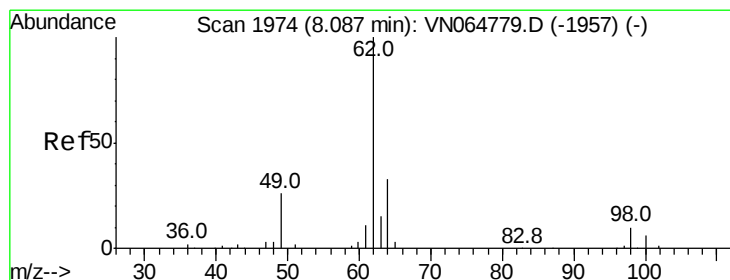
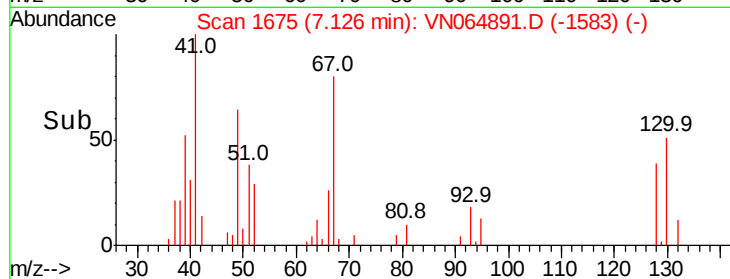
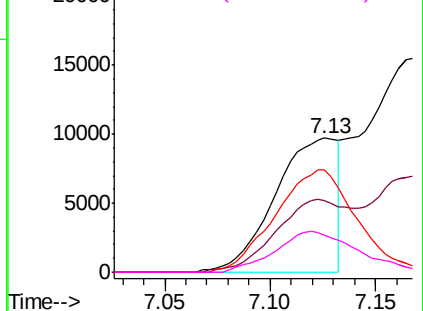
#41
Methacrylonitrile
Concen: 15.039 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampled :
VN1203WBL01

Tot Ion:	41	Resp:	20128
Ion	Ratio	Lower	Upper
41	100		
39	61.5	51.0	76.6
67	99.3	79.8	119.8
52	40.4	31.5	47.3

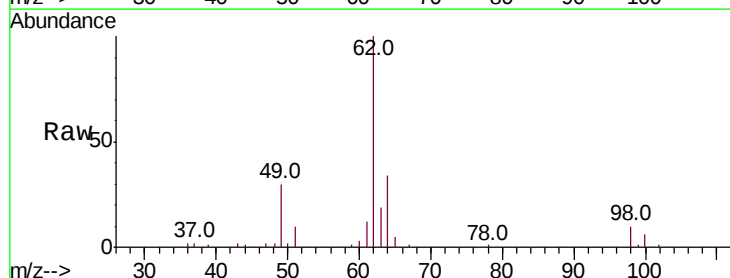


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

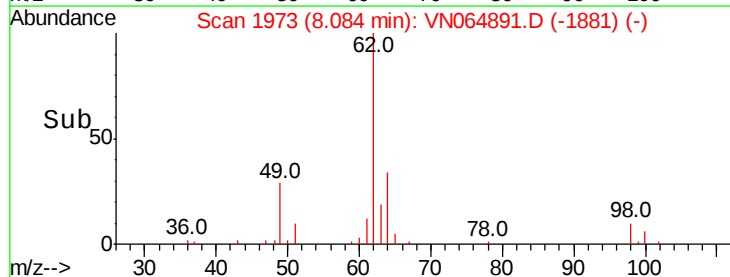
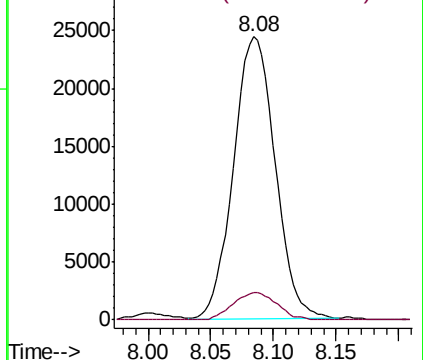


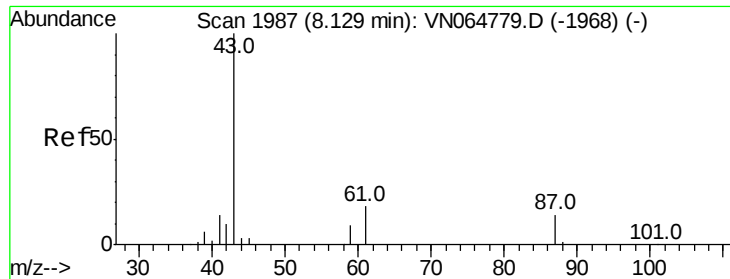
#42
1,2-Dichloroethane
Concen: 18.071 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Tgt Ion:	62	Resp:	56251
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.6



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





#43

Isopropyl Acetate

Concen: 16.847 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBL01

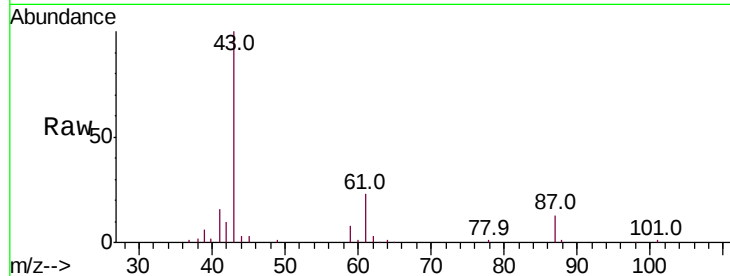
Tot Ion: 43 Resp: 78632

Ion Ratio Lower Upper

43 100

61 22.3 17.2 25.8

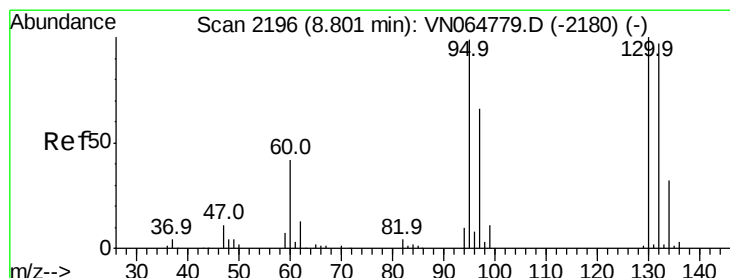
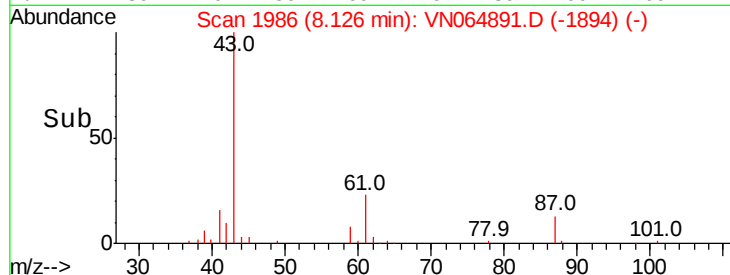
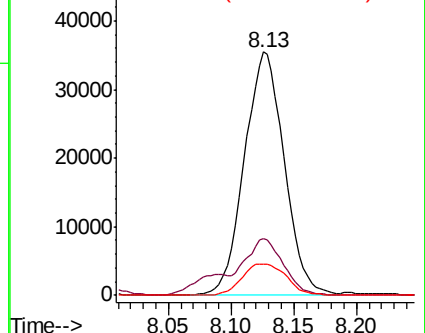
87 14.3 11.4 17.0



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

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

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



#44

Trichloroethene

Concen: 18.058 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064891.D

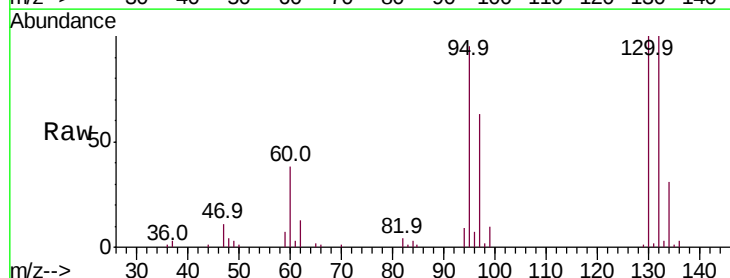
Acq: 3 Dec 2020 11:45

Tgt Ion:130 Resp: 49163

Ion Ratio Lower Upper

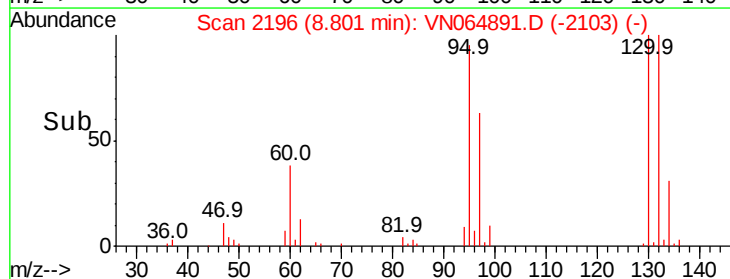
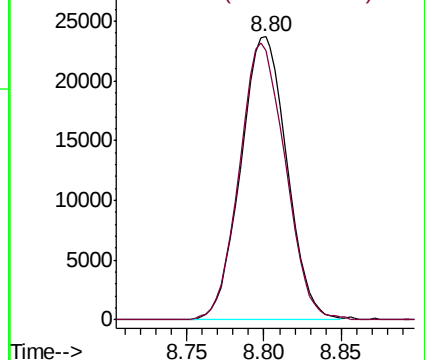
130 100

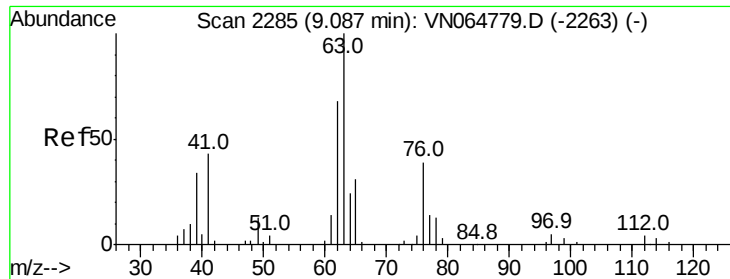
95 95.0 0.0 197.8



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: 19.390 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

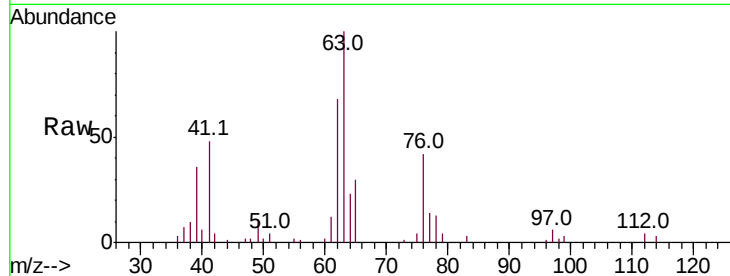
VN1203WBL01

Tot Ion: 63 Resp: 46333

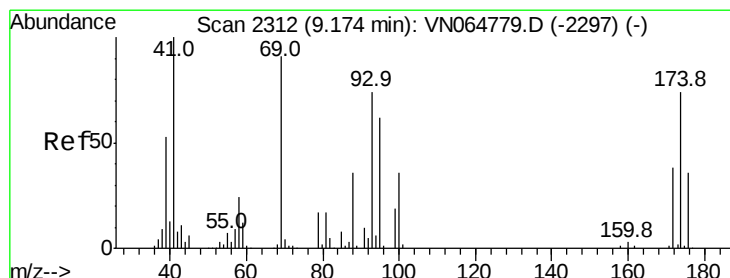
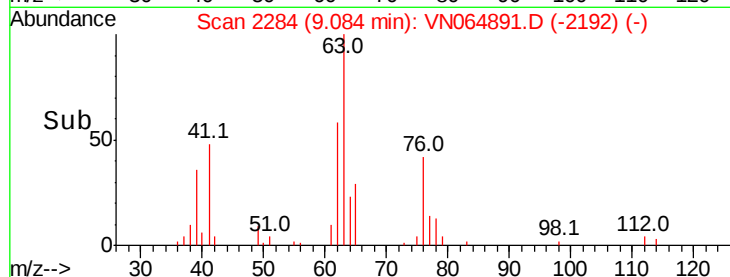
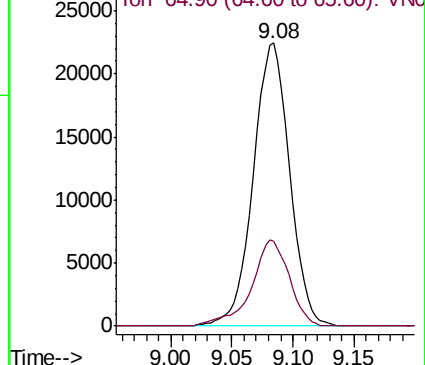
Ion Ratio Lower Upper

63 100

65 29.8 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN064891.D (-2192) (-)



#46

Dibromomethane

Concen: 18.783 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

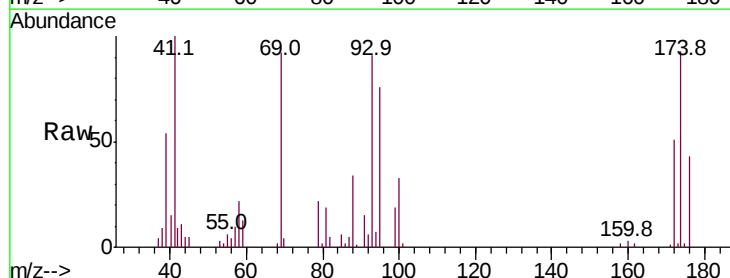
Tgt Ion: 93 Resp: 29984

Ion Ratio Lower Upper

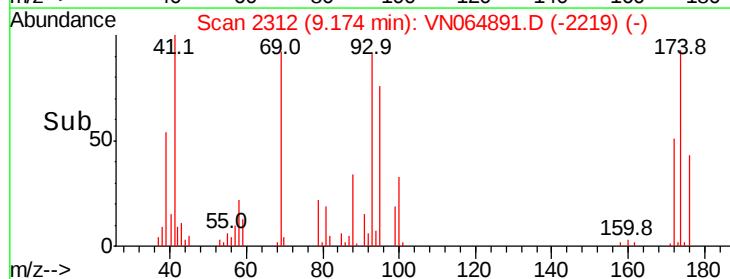
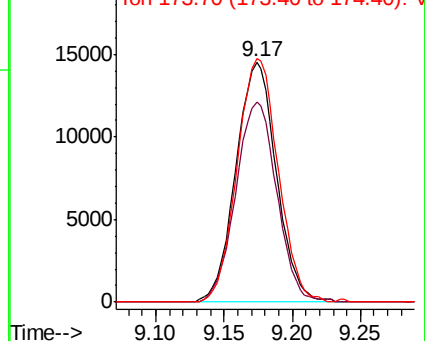
93 100

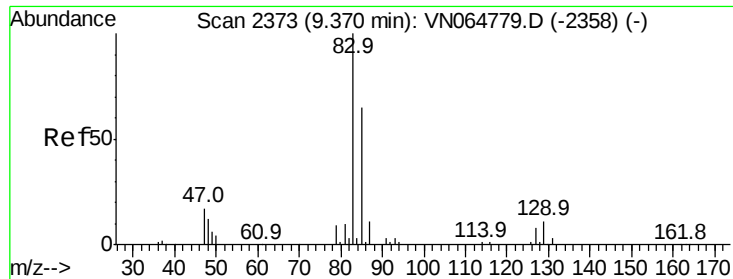
95 84.2 68.8 103.2

174 102.7 83.1 124.7



Abundance Ion 92.80 (92.50 to 93.50): VN064891.D (-2219) (-)





#47

Bromodichloromethane

Concen: 18.844 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBL01

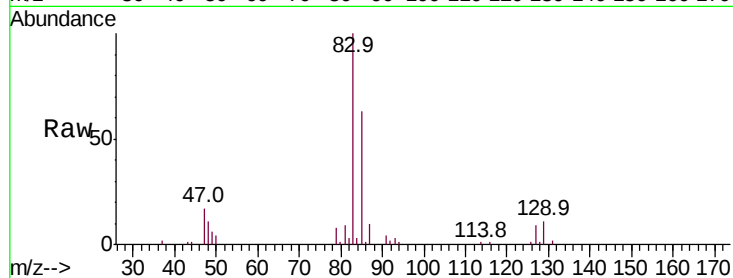
Tot Ion: 83 Resp: 60527

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.8

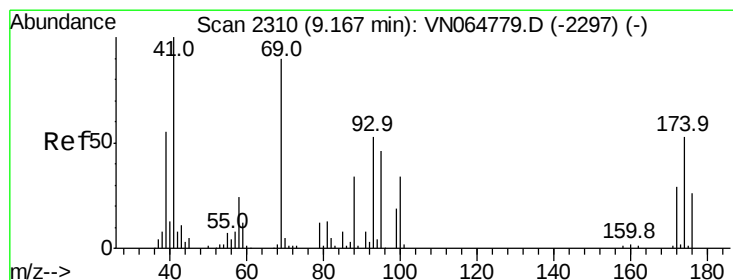
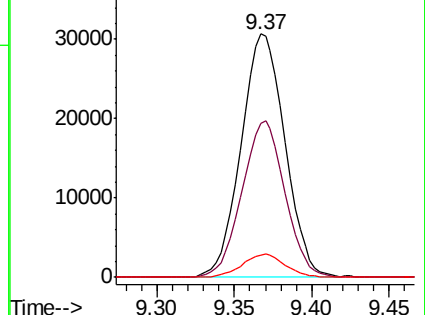
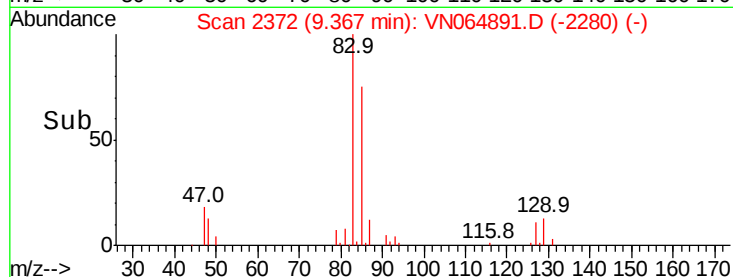
127 9.3 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.491 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

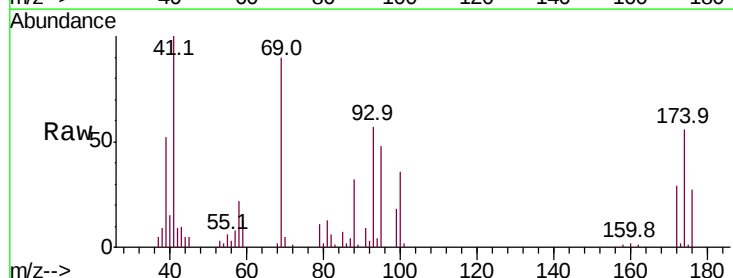
Tgt Ion: 41 Resp: 36779

Ion Ratio Lower Upper

41 100

69 94.4 71.8 107.8

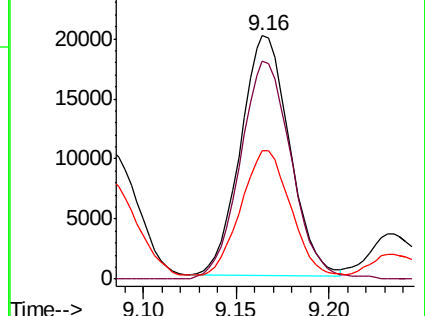
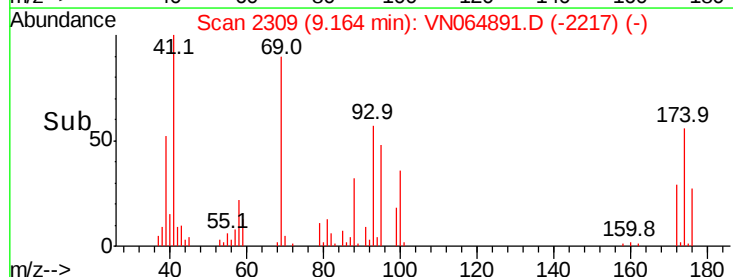
39 56.0 44.1 66.1

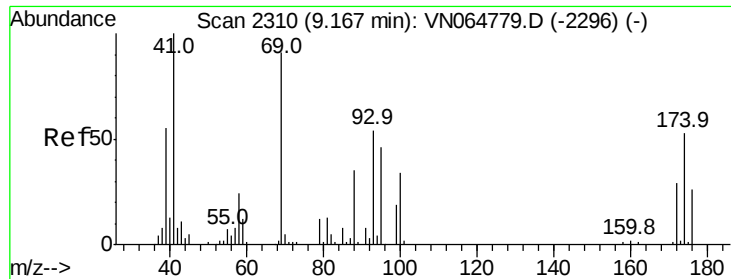


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

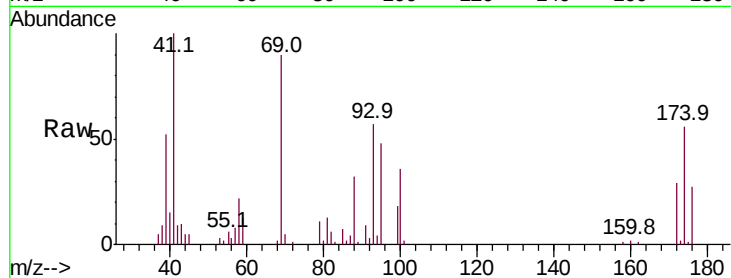




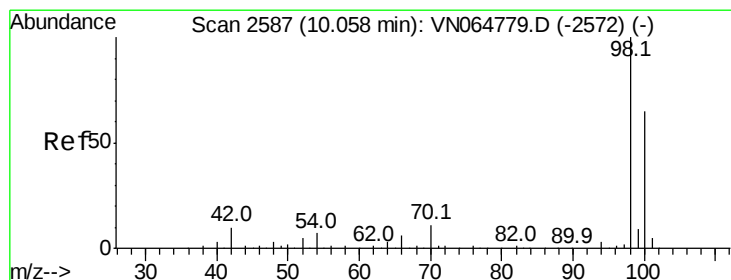
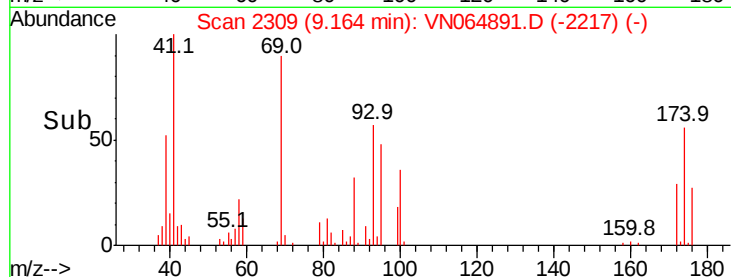
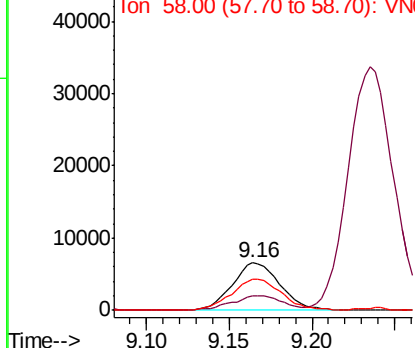
#49
 1,4-Dioxane
 Concen: 312.447 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Instrument :
 MSVOA_N
 ClientSampled :
 VN1203WBL01

Tot Ion: 88 Resp: 13170
 Ion Ratio Lower Upper
 88 100
 43 32.5 24.2 36.4
 58 68.9 52.5 78.7

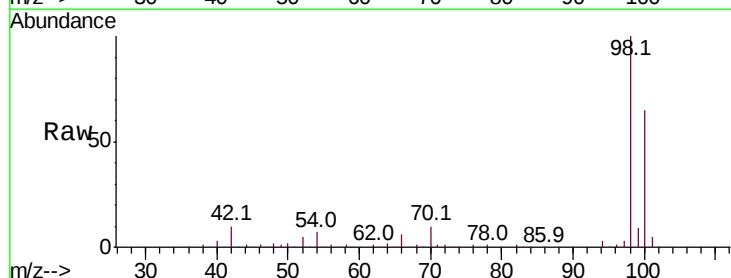


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

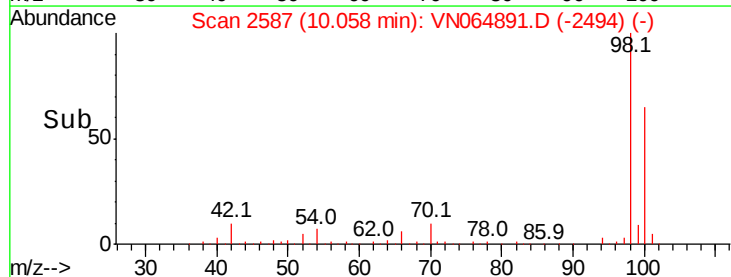
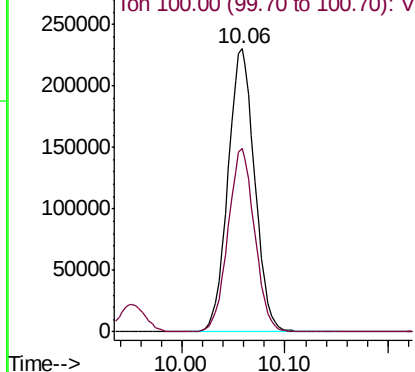


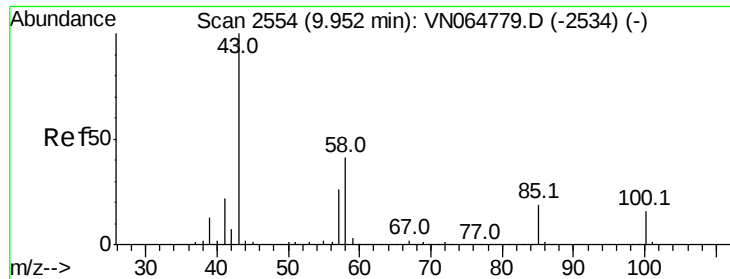
#50
 Toluene-d8
 Concen: 52.316 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Tgt Ion: 98 Resp: 415513
 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: 87.391 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

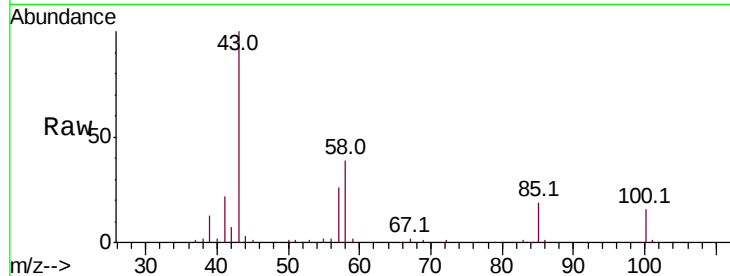
VN1203WBL01

Tot Ion: 43 Resp: 244870

Ion Ratio Lower Upper

43 100

58 40.1 32.4 48.6



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

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

9.95

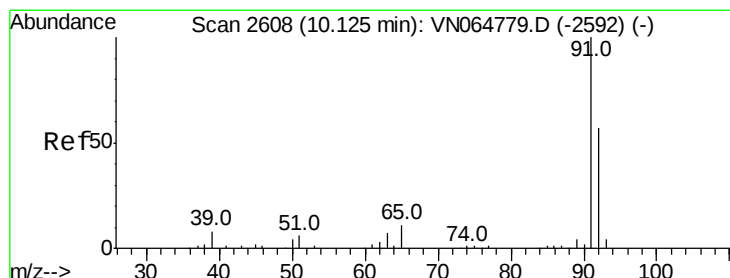
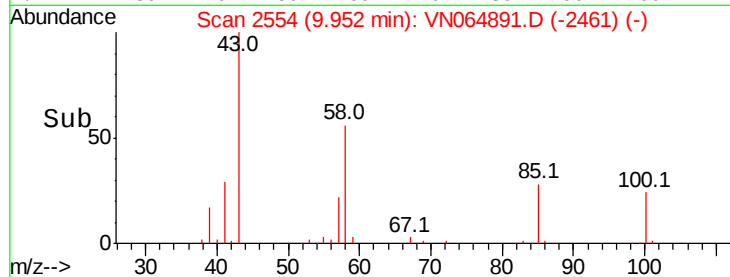
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.031 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064891.D

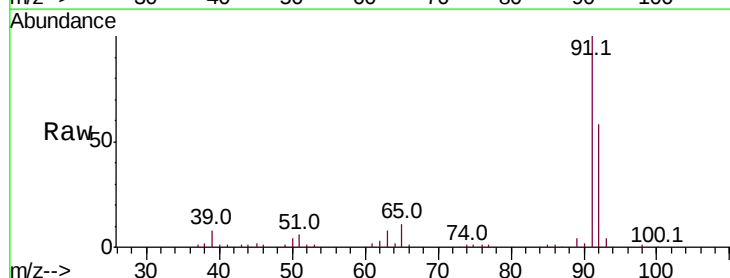
Acq: 3 Dec 2020 11:45

Tgt Ion: 92 Resp: 108143

Ion Ratio Lower Upper

92 100

91 170.1 139.1 208.7



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

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

10.12

120000

100000

80000

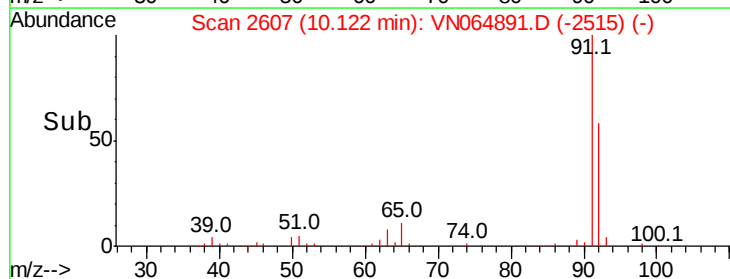
60000

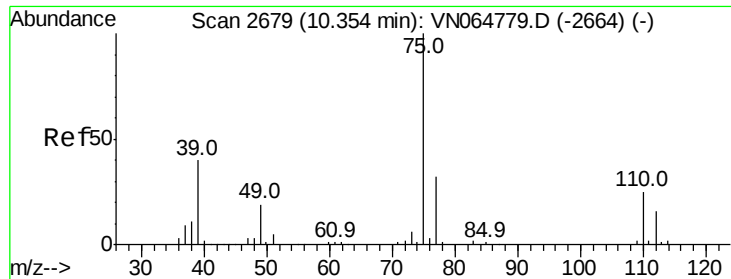
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.133 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

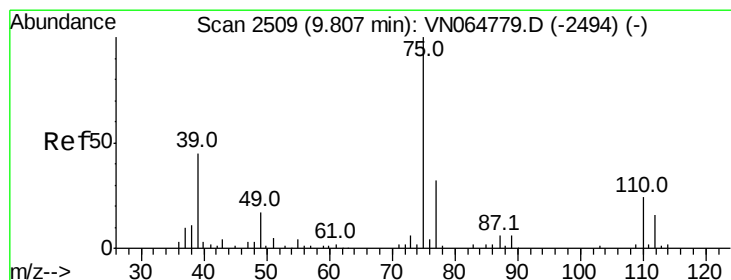
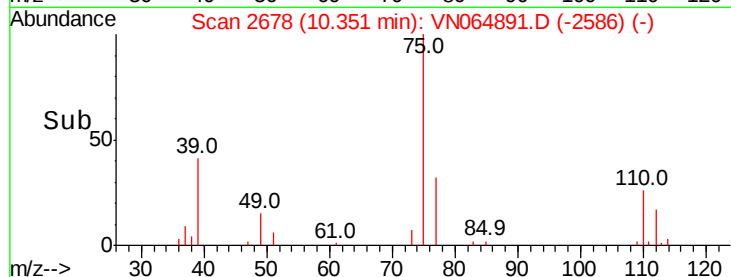
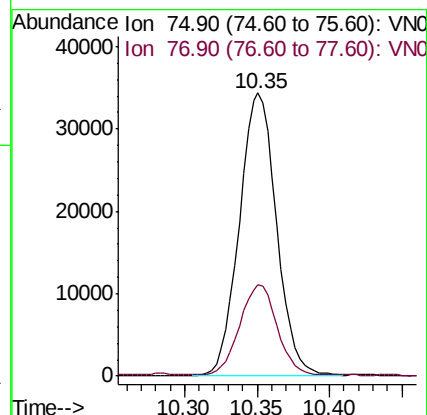
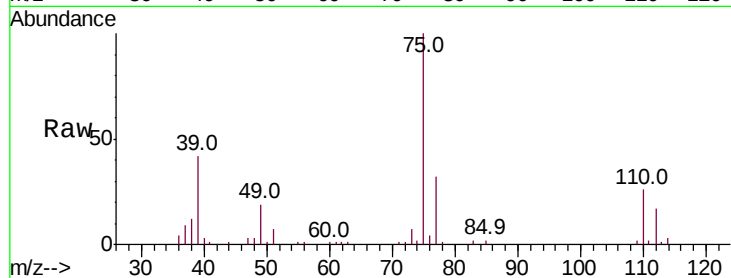
VN1203WBL01

Tot Ion: 75 Resp: 61295

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 18.600 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

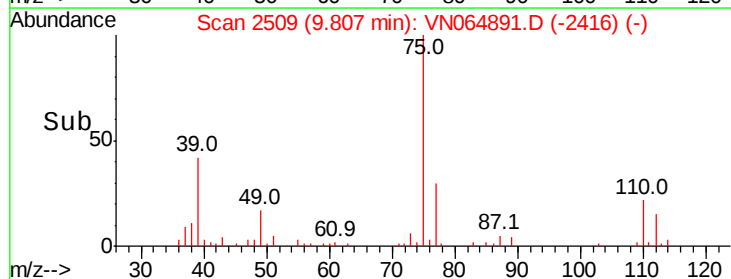
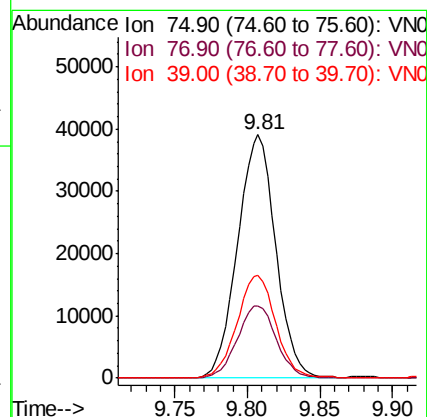
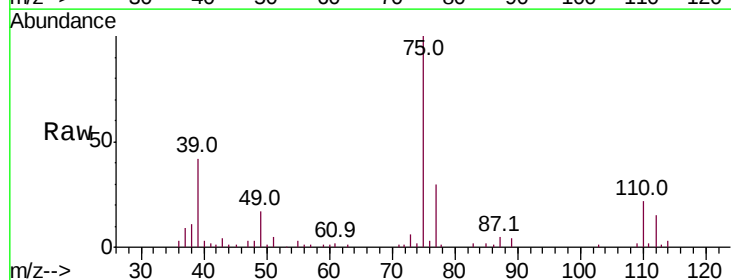
Tgt Ion: 75 Resp: 71327

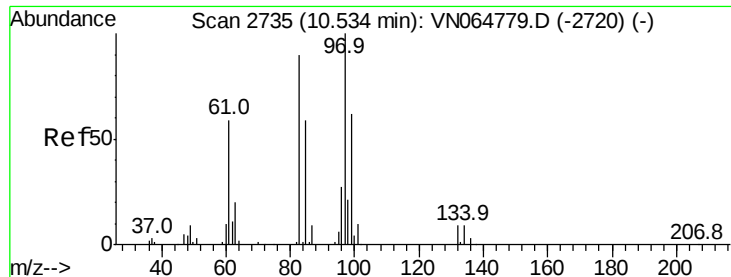
Ion Ratio Lower Upper

75 100

77 29.6 25.5 38.3

39 42.4 35.6 53.4

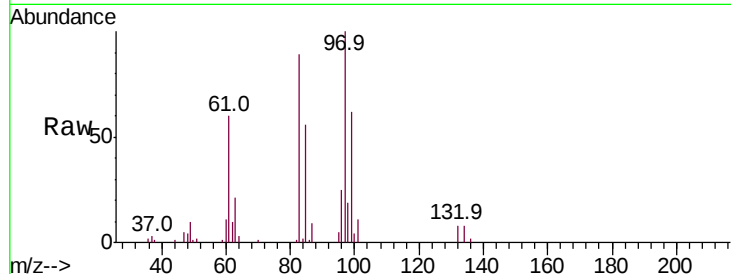




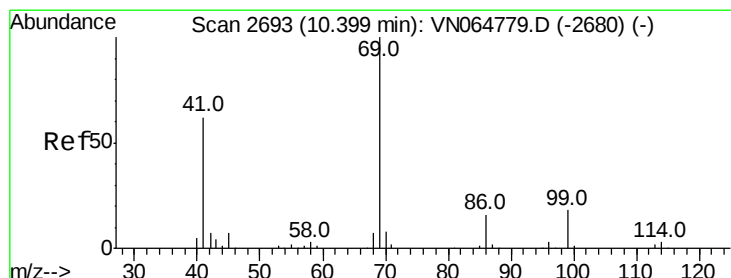
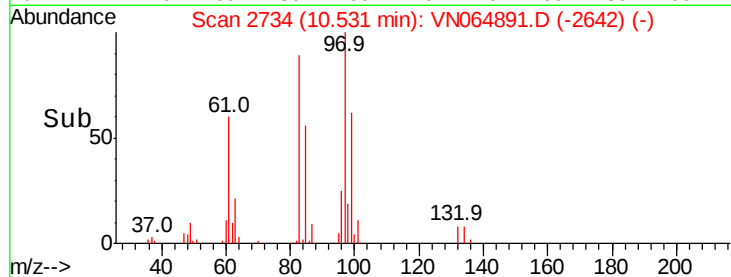
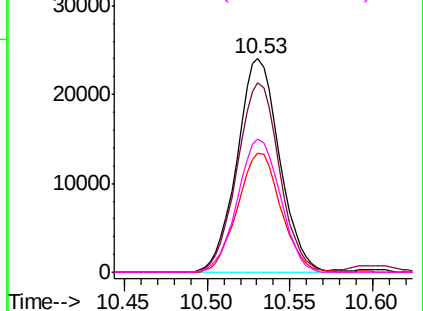
#55
 1,1,2-Trichloroethane
 Concen: 18.363 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBL01

Tot Ion	97	Resp	42908
Ion	Ratio	Lower	Upper
97	100		
83	88.8	72.1	108.1
85	55.8	46.8	70.2
99	62.3	49.6	74.4

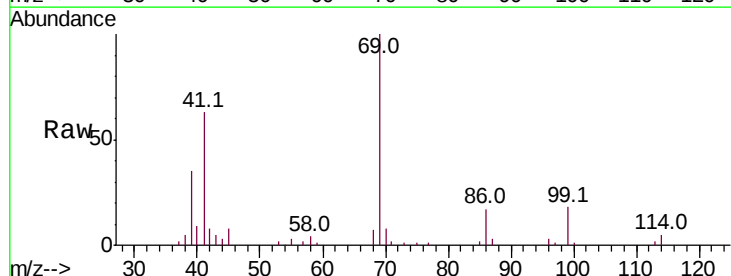


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

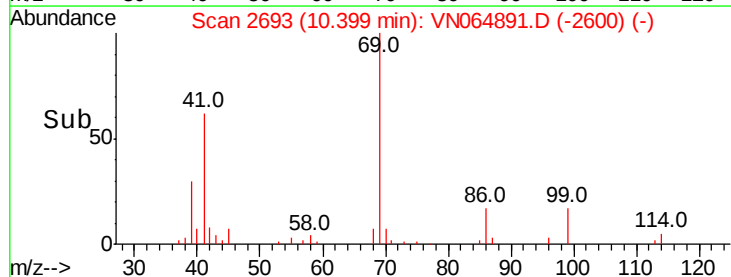
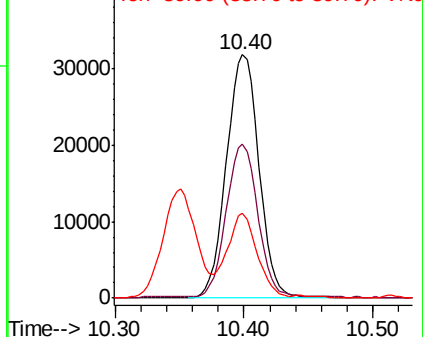


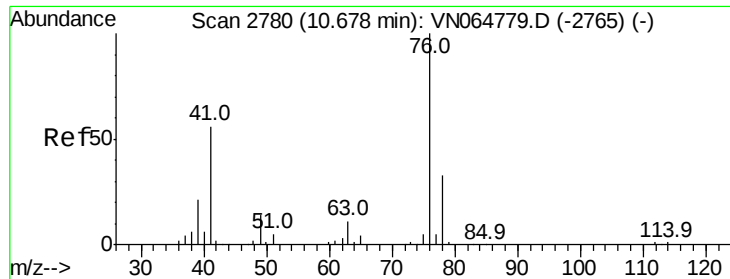
#56
 Ethyl methacrylate
 Concen: 17.342 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Tgt Ion	69	Resp	55919
Ion	Ratio	Lower	Upper
69	100		
41	60.4	49.4	74.0
39	30.9	25.9	38.9



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.427 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

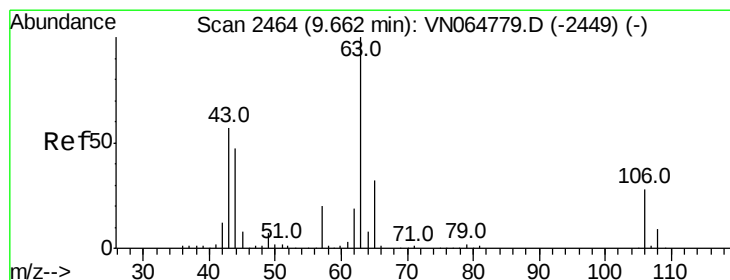
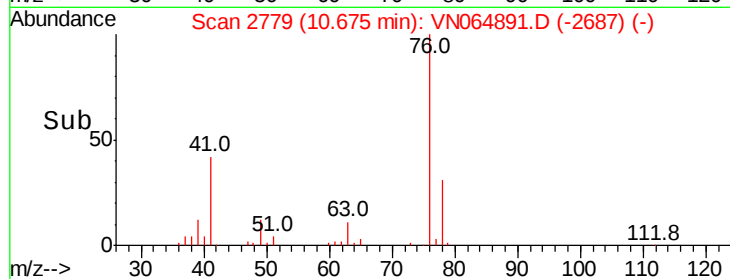
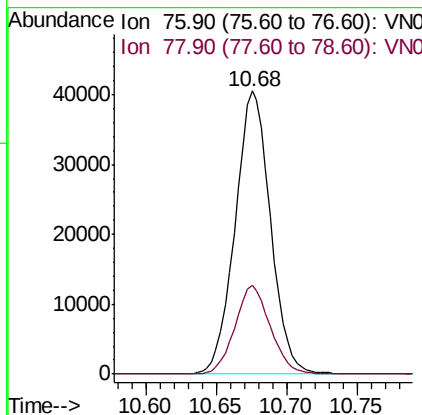
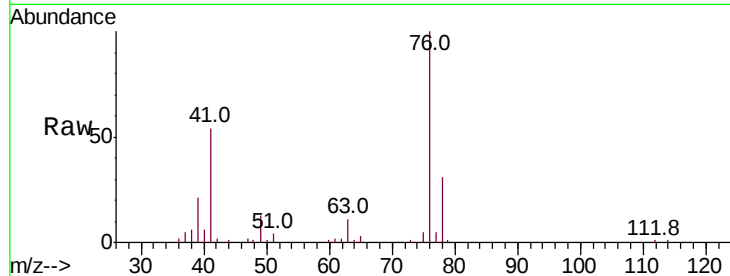
Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBL01

Tot Ion: 76 Resp: 71028

Ion	Ratio	Lower	Upper
76	100		
78	31.4	26.1	39.1



#58

2-Chloroethyl Vinyl ether

Concen: 92.725 ug/l

RT: 9.66 min Scan# 2464

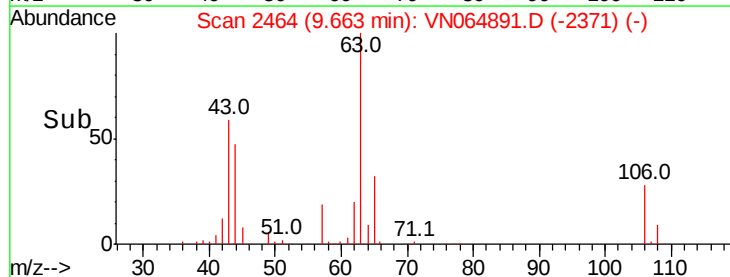
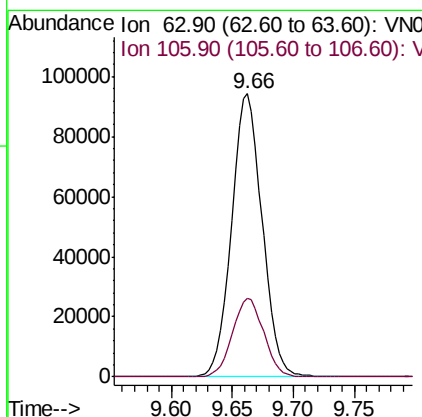
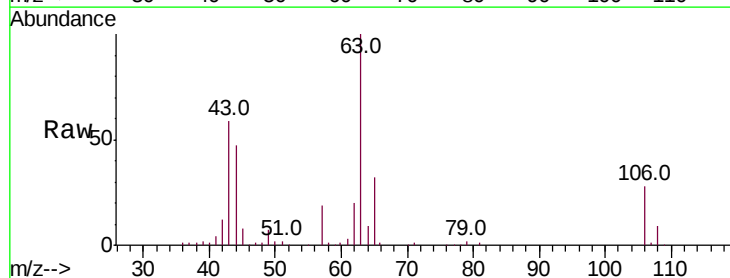
Delta R.T. 0.00 min

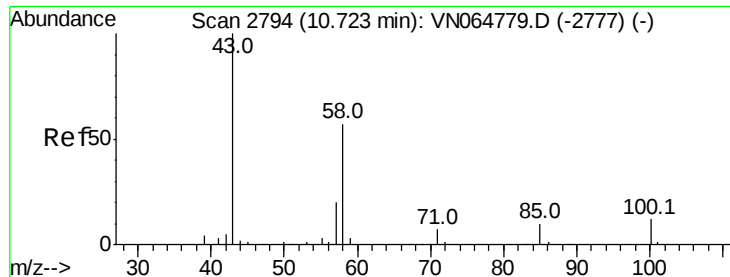
Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Tgt Ion: 63 Resp: 164467

Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.7	34.1





#59

2-Hexanone

Concen: 86.406 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

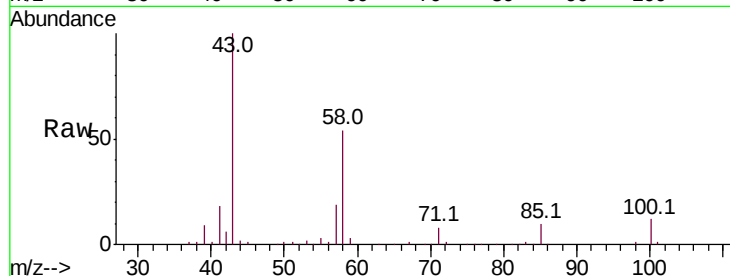
VN1203WBL01

Tot Ion: 43 Resp: 174242

Ion Ratio Lower Upper

43 100

58 54.5 28.3 84.9

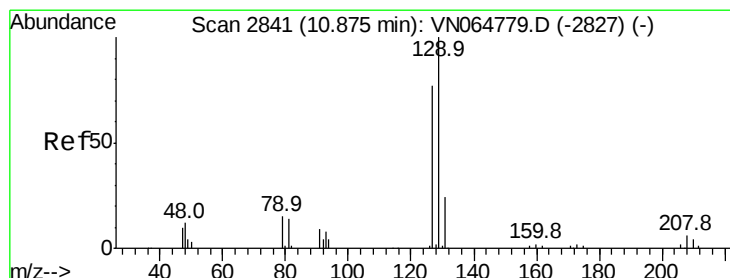
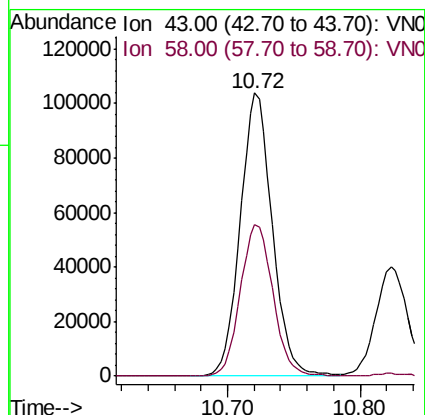
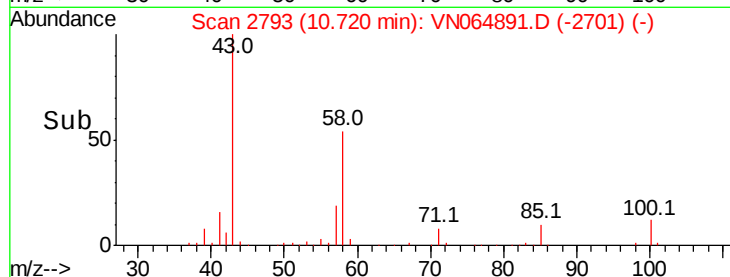


Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2777) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2777) (-)

10.72

10.80



#60

Dibromochloromethane

Concen: 18.820 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064891.D

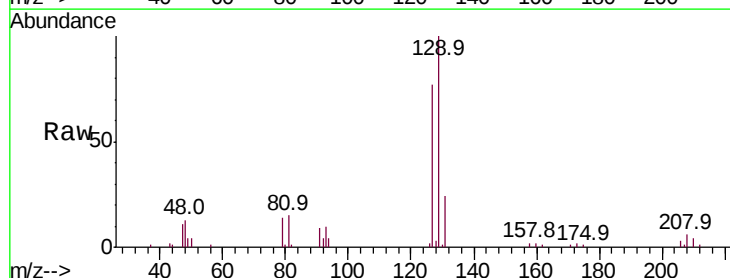
Acq: 3 Dec 2020 11:45

Tgt Ion: 129 Resp: 48883

Ion Ratio Lower Upper

129 100

127 76.0 39.1 117.2

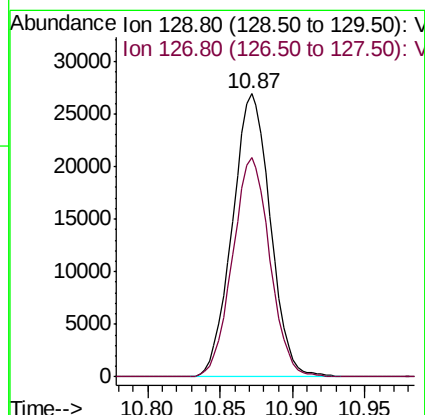
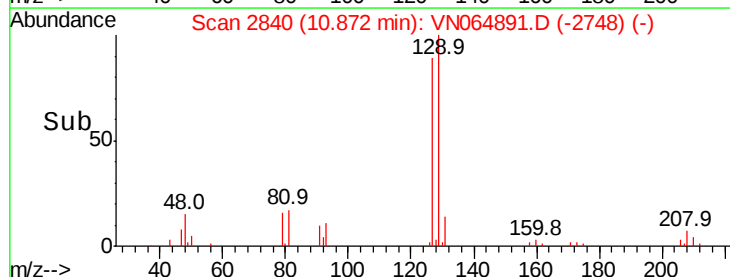


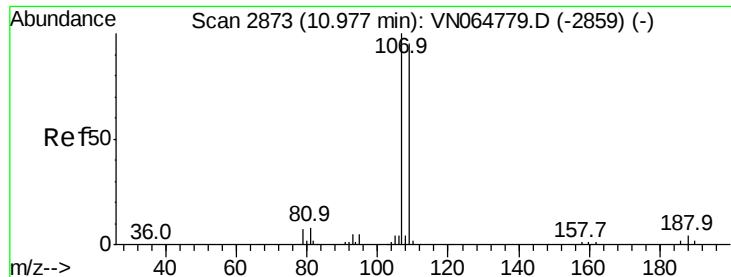
Abundance Ion 128.80 (128.50 to 129.50): VN064779.D (-2827) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2827) (-)

10.87

10.95





#61

1,2-Dibromoethane

Concen: 18.513 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

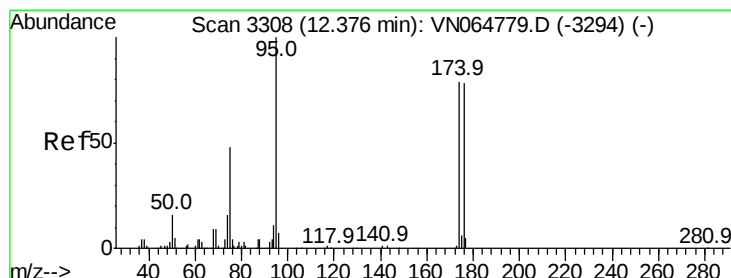
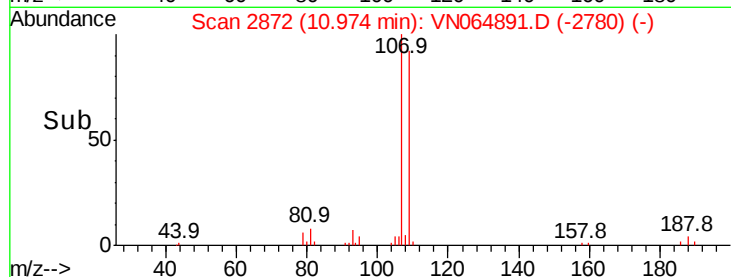
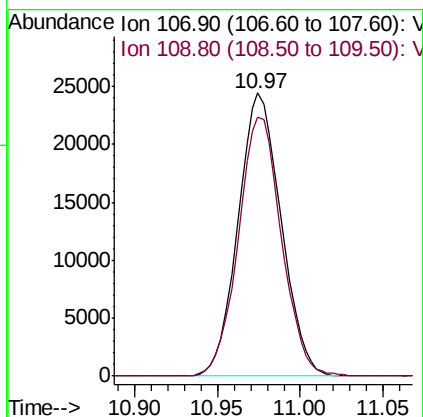
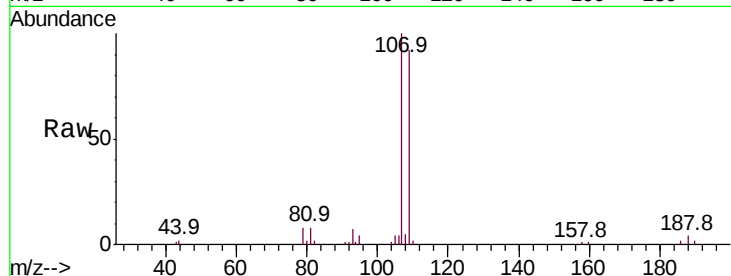
VN1203WBL01

Tot Ion:107 Resp: 43949

Ion Ratio Lower Upper

107 100

109 91.8 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 50.868 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

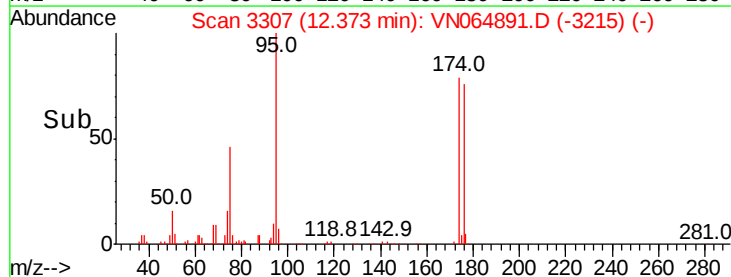
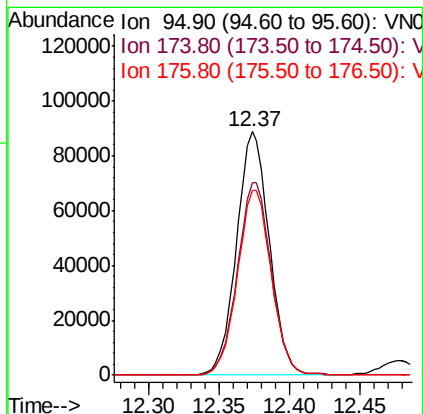
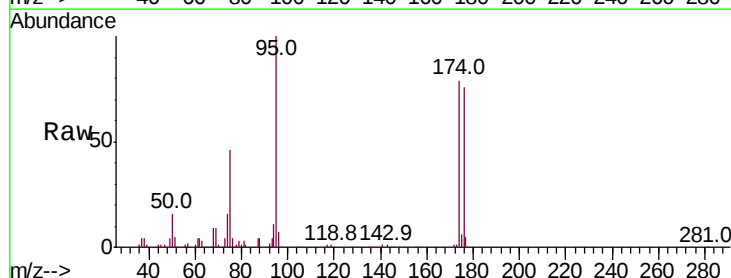
Tgt Ion: 95 Resp: 144590

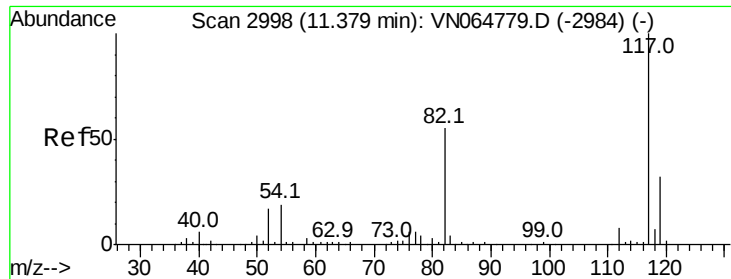
Ion Ratio Lower Upper

95 100

174 81.4 0.0 160.4

176 78.2 0.0 158.4

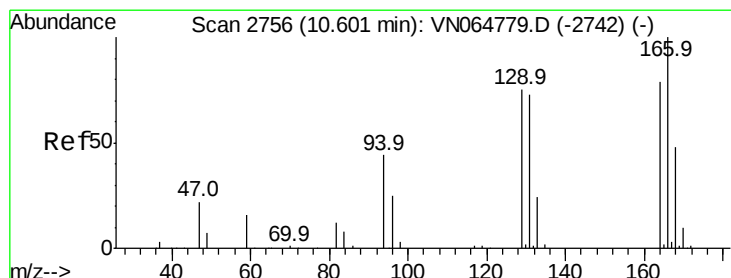
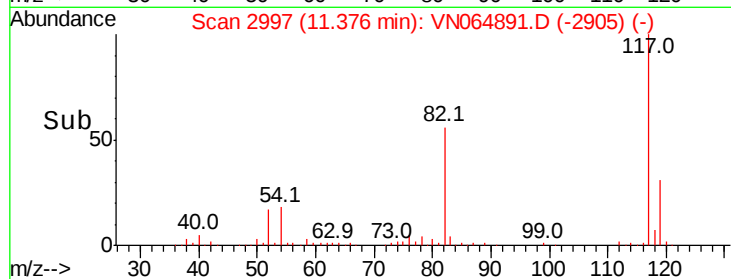
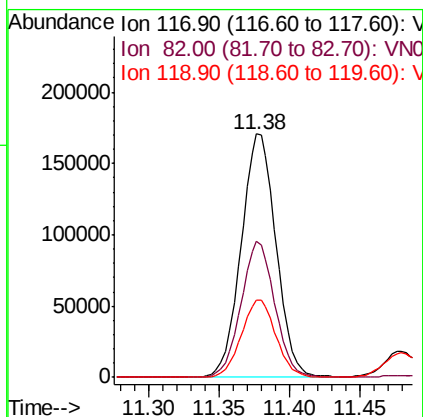
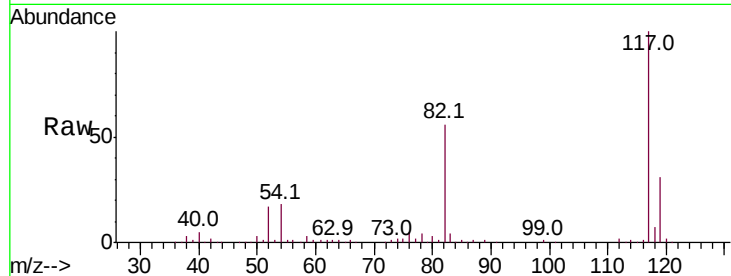




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

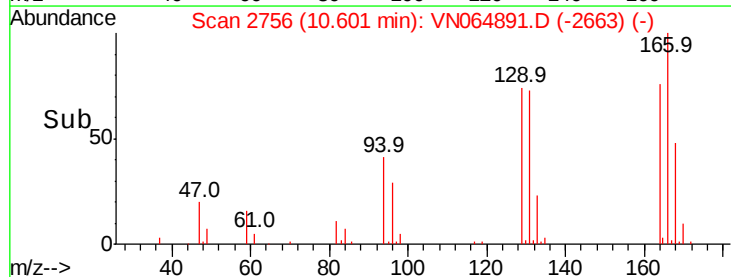
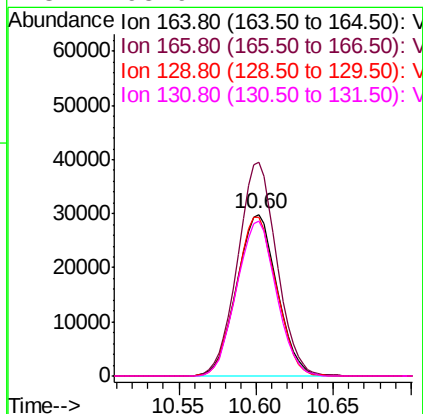
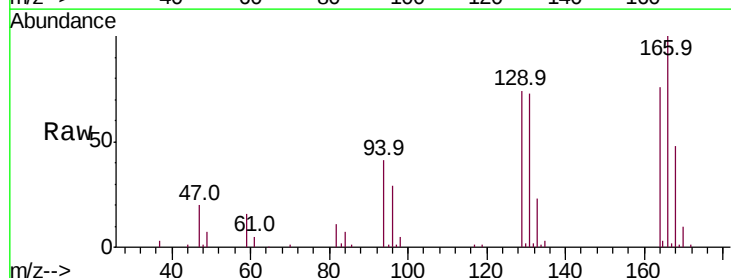
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBL01

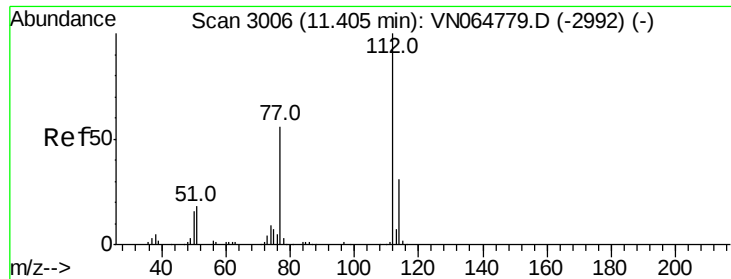
Tot Ion:117 Resp: 296146
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 31.5 25.8 38.6



#64
Tetrachloroethene
Concen: 18.823 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Tgt Ion:164 Resp: 54234
Ion Ratio Lower Upper
164 100
166 132.1 101.4 152.0
129 98.0 76.1 114.1
131 95.9 74.2 111.2





#65

Chlorobenzene

Concen: 18.413 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

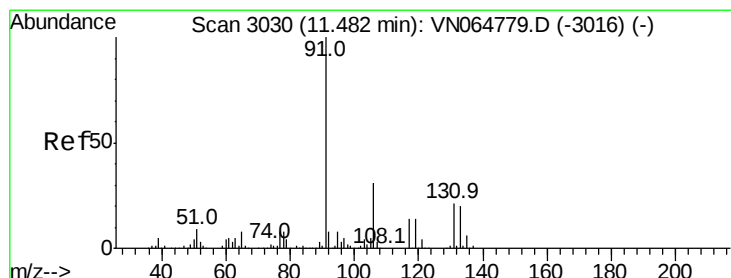
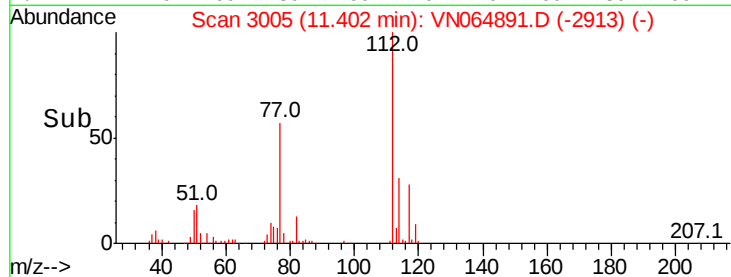
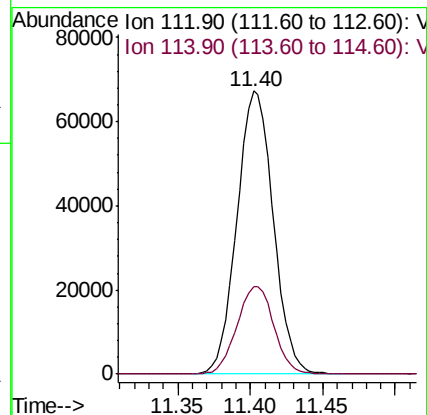
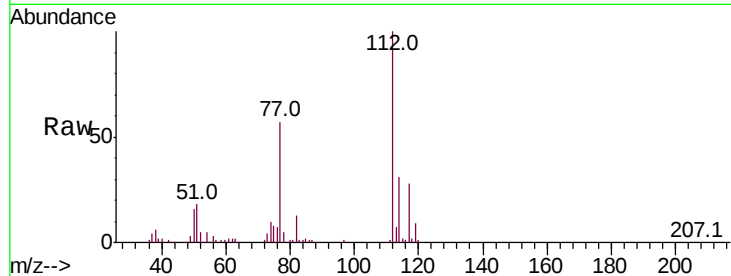
VN1203WBL01

Tot Ion:112 Resp: 117102

Ion Ratio Lower Upper

112 100

114 30.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 18.944 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

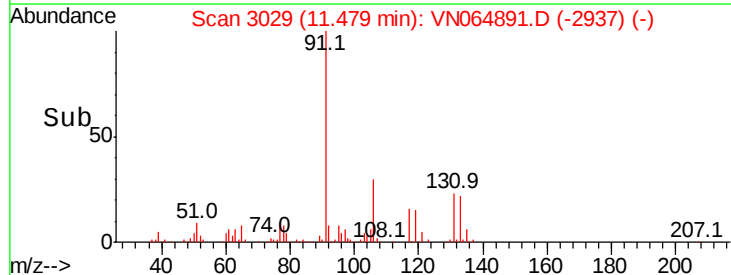
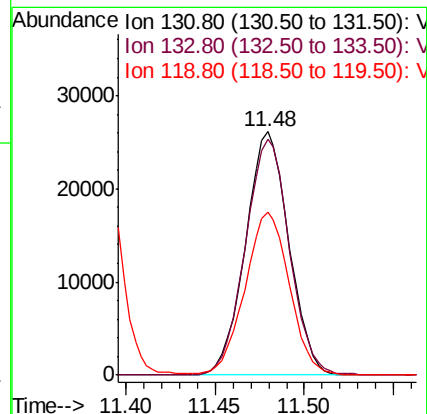
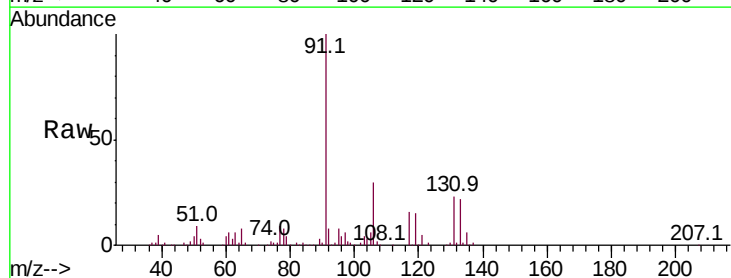
Tgt Ion:131 Resp: 44276

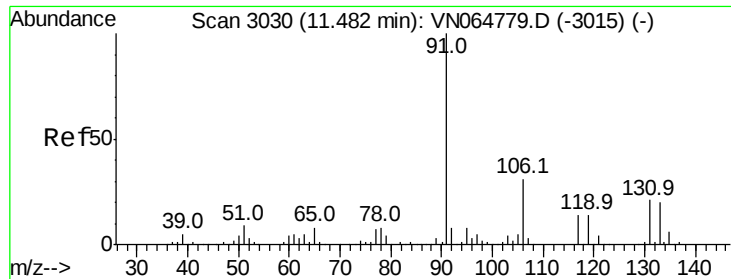
Ion Ratio Lower Upper

131 100

133 98.7 47.5 142.5

119 68.8 33.3 99.8

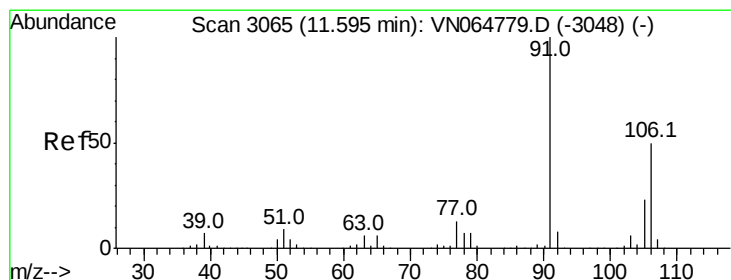
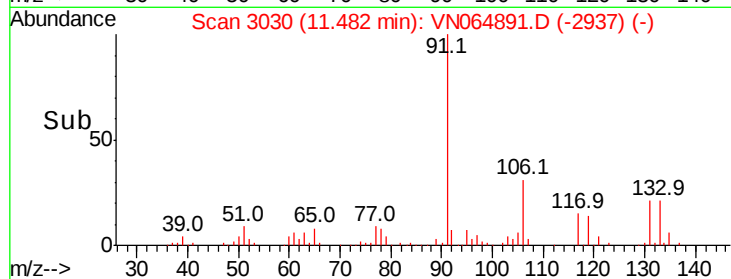
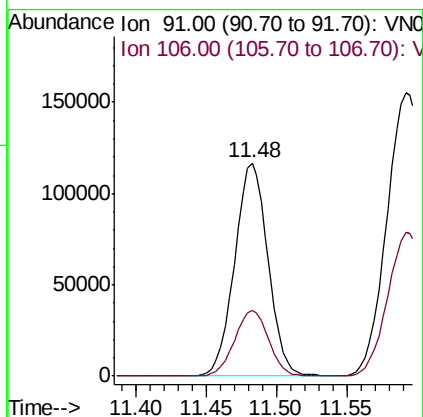
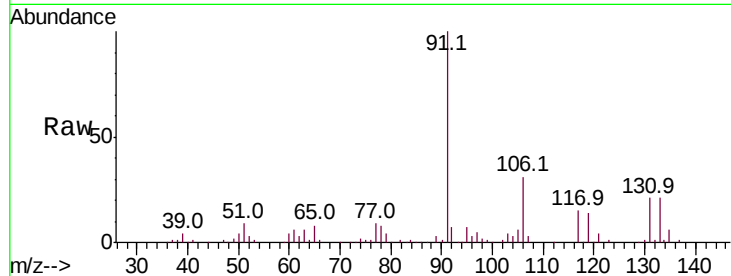




#67
Ethyl Benzene
Concen: 18.217 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

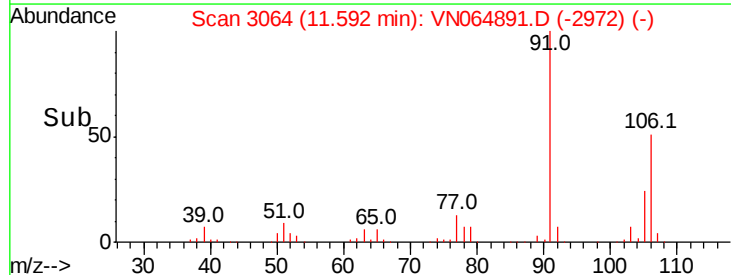
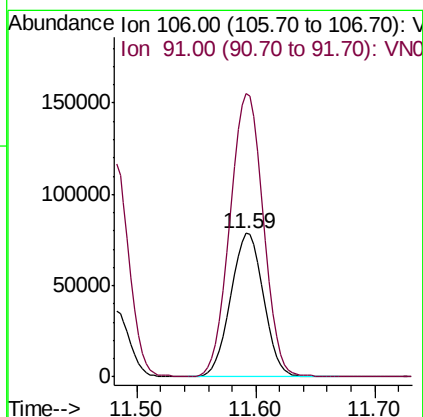
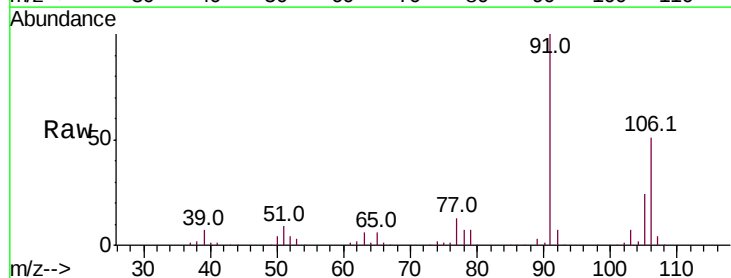
Instrument :
MSVOA_N
ClientSampled :
VN1203WBL01

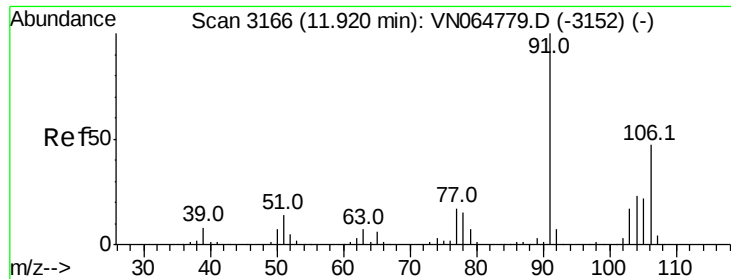
Tot Ion: 91 Resp: 193543
Ion Ratio Lower Upper
91 100
106 30.8 25.2 37.8



#68
m/p-Xylenes
Concen: 37.454 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Tgt Ion: 106 Resp: 150657
Ion Ratio Lower Upper
106 100
91 200.8 161.0 241.4

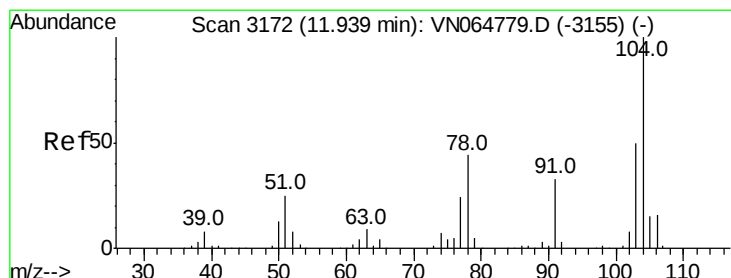
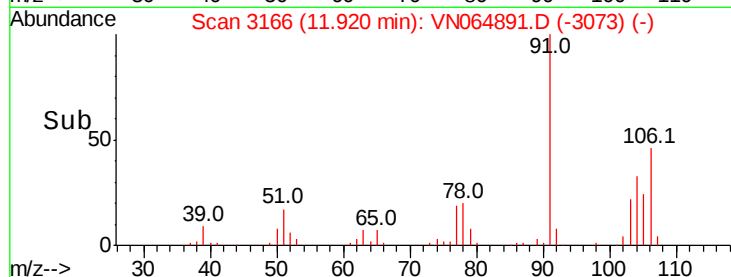
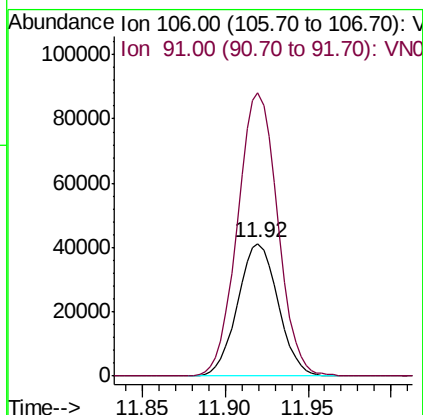
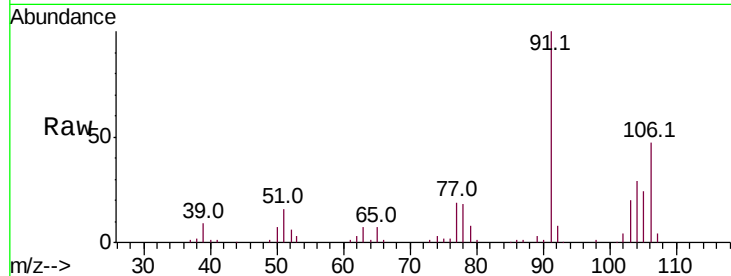




#69
o-Xylene
Concen: 18.301 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

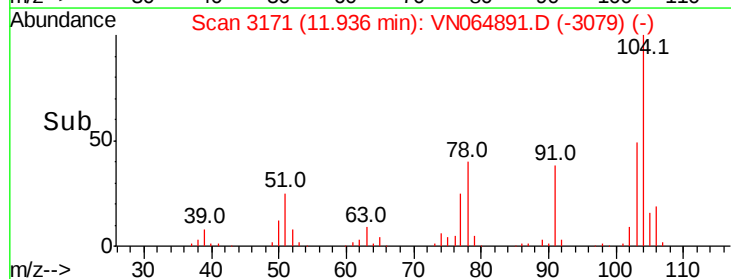
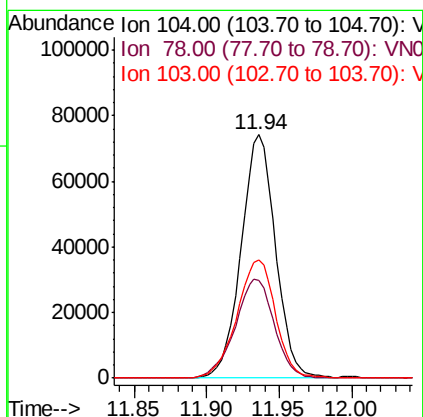
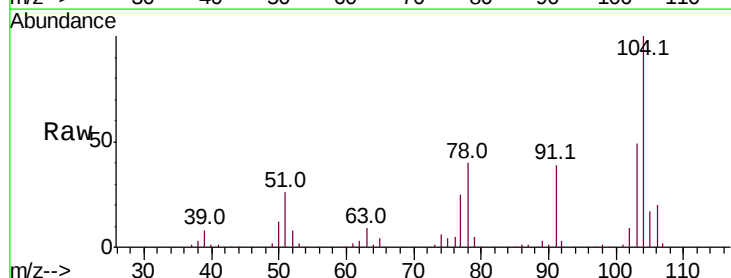
Instrument :
MSVOA_N
ClientSampled :
VN1203WBL01

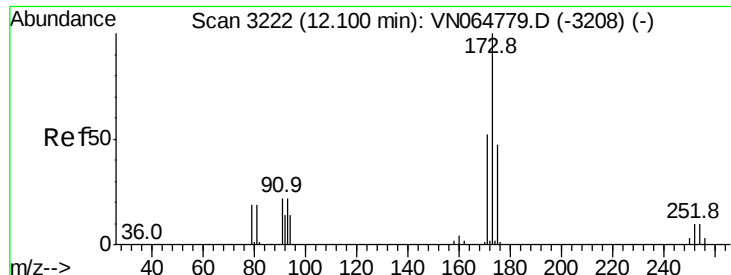
Tot Ion:106 Resp: 69855
Ion Ratio Lower Upper
106 100
91 213.1 105.5 316.5



#70
Styrene
Concen: 19.021 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Tgt Ion:104 Resp: 122571
Ion Ratio Lower Upper
104 100
78 45.9 39.0 58.6
103 54.4 44.3 66.5

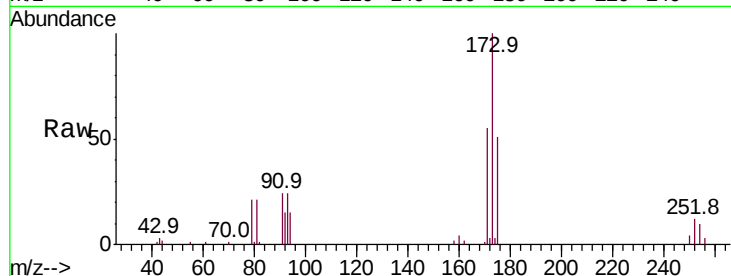




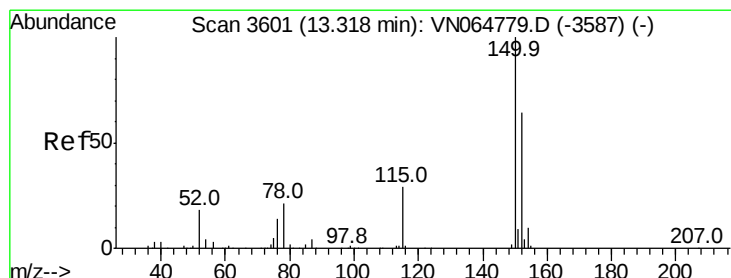
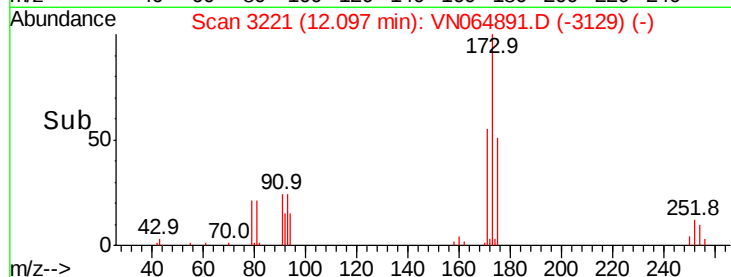
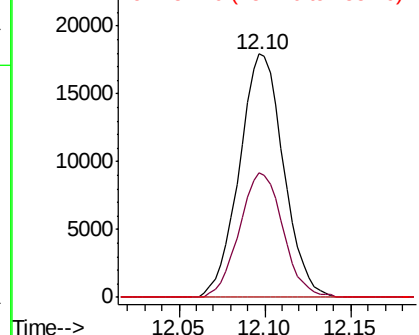
#71
Bromoform
Concen: 17.098 ug/l
RT: 12.10 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBL01

Tot Ion:173 Resp: 31917
Ion Ratio Lower Upper
173 100
175 50.4 24.3 72.8
254 0.0 0.0 0.0

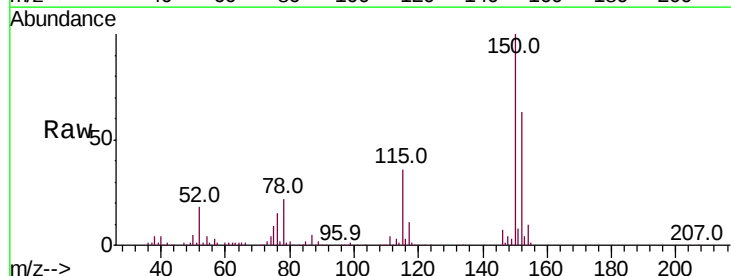


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

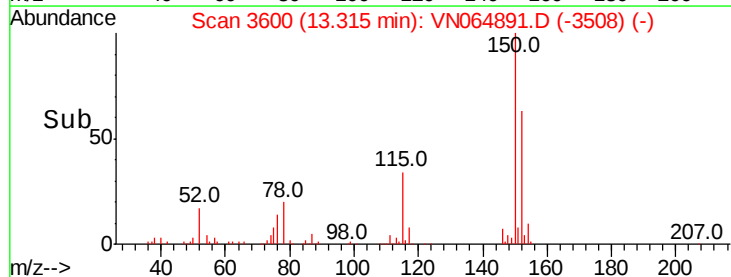
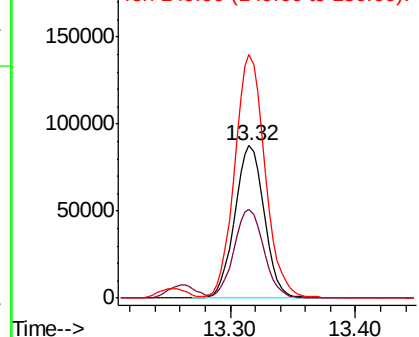


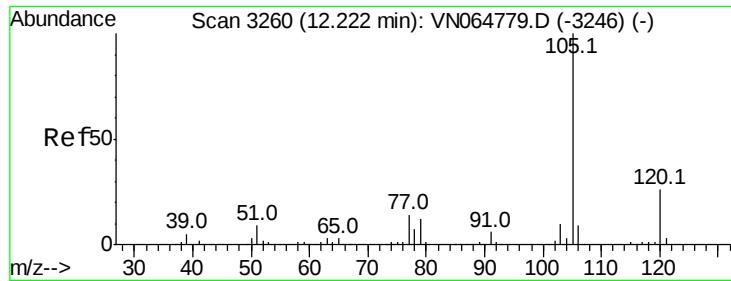
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Tgt Ion:152 Resp: 142795
Ion Ratio Lower Upper
152 100
115 58.4 29.7 89.1
150 164.4 0.0 350.6



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





#73

Isopropylbenzene

Concen: 19.086 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampled :

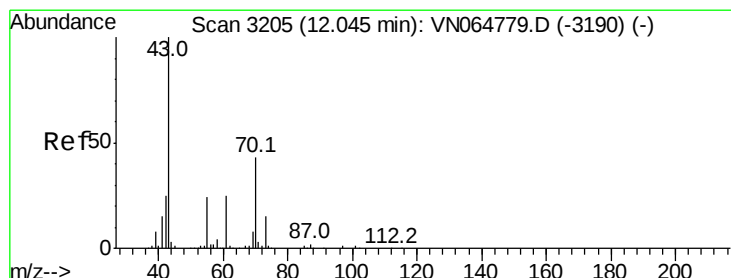
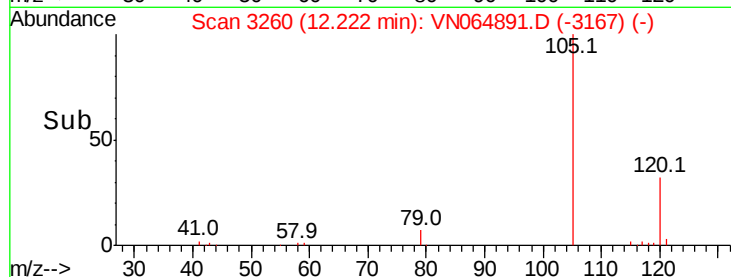
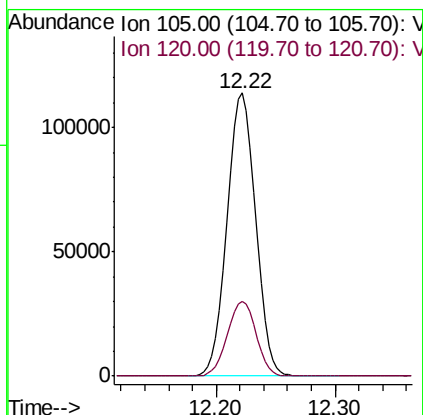
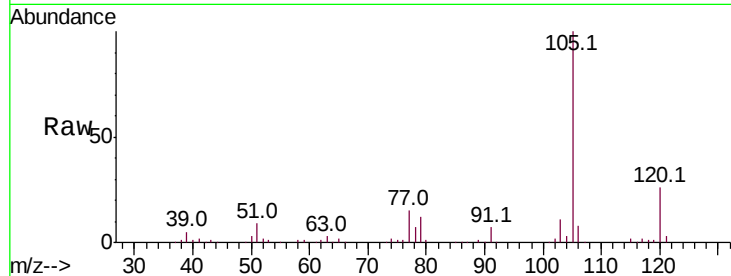
VN1203WBL01

Tot Ion:105 Resp: 189570

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 16.371 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Tgt Ion: 43 Resp: 63992

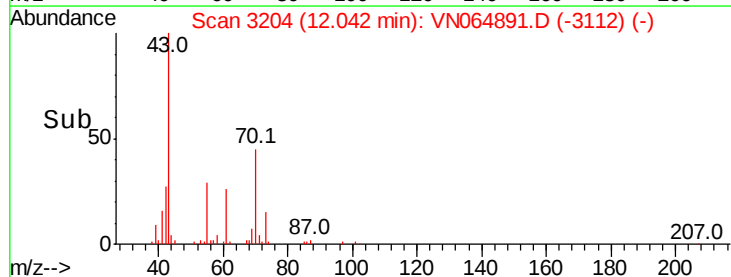
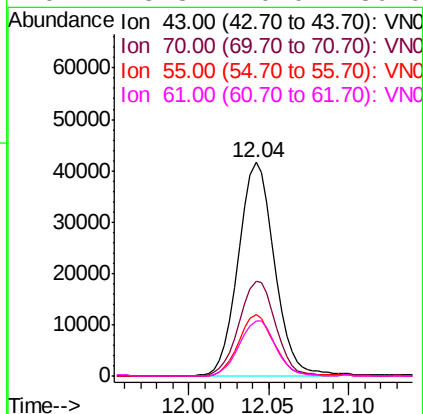
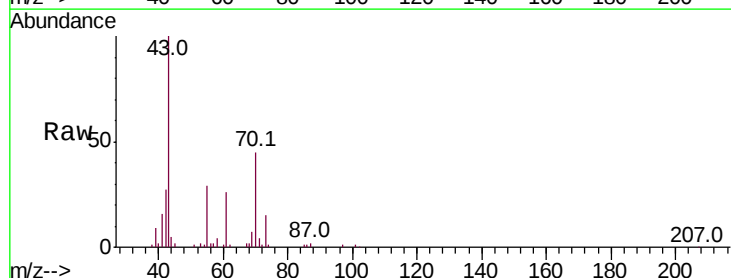
Ion Ratio Lower Upper

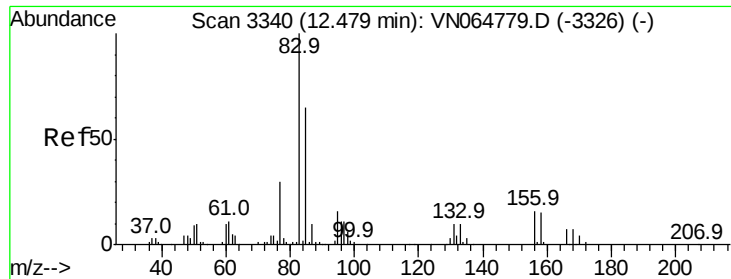
43 100

70 45.1 34.5 51.7

55 28.4 20.4 30.6

61 25.8 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.328 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBL01

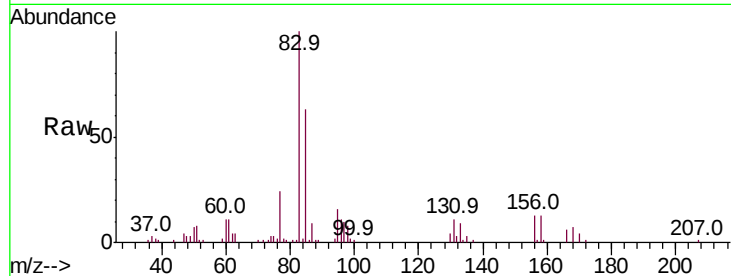
Tot Ion: 83 Resp: 53358

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

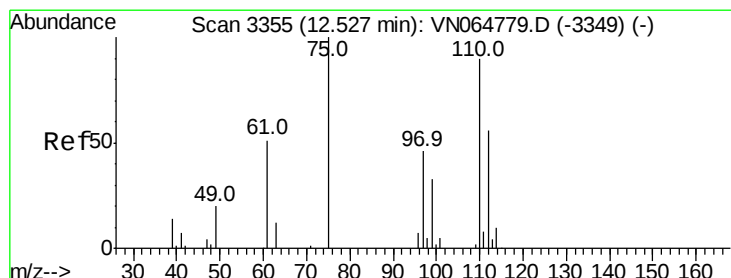
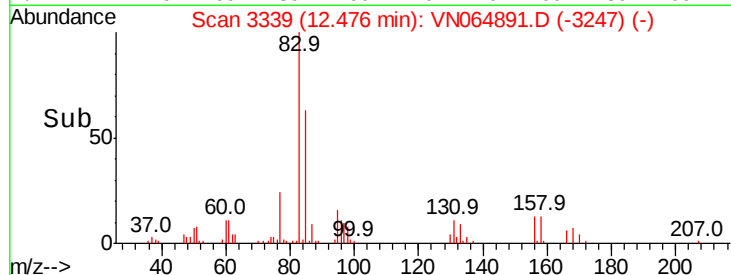
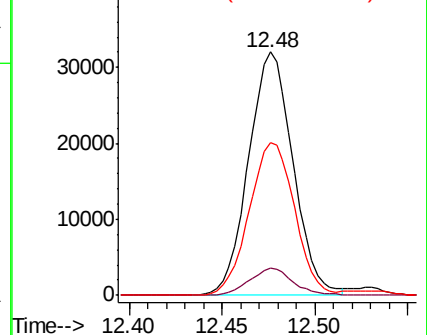
85 64.1 33.0 99.0



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: 24.817 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064891.D

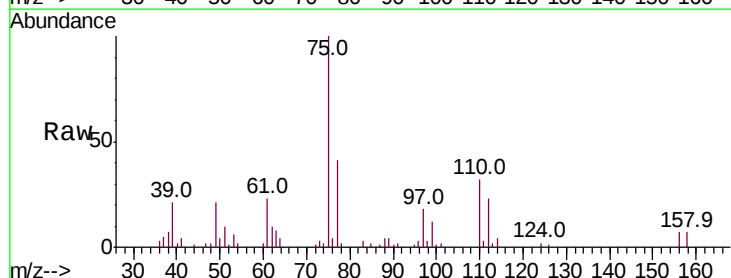
Acq: 3 Dec 2020 11:45

Tgt Ion: 75 Resp: 76316

Ion Ratio Lower Upper

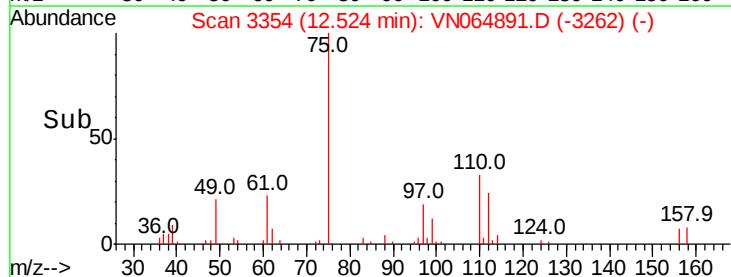
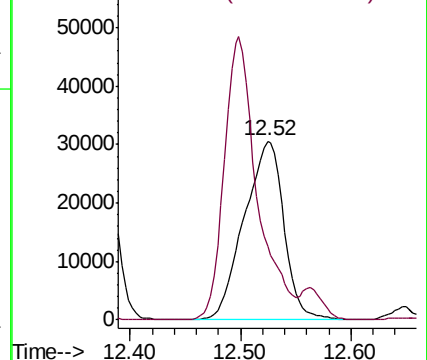
75 100

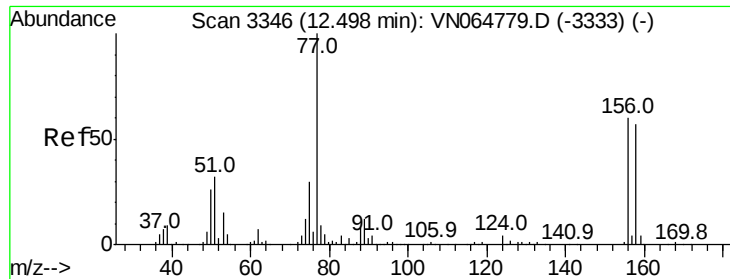
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 18.531 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBL01

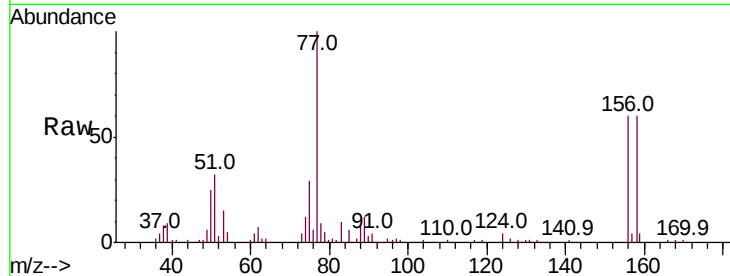
Tot Ion:156 Resp: 49622

Ion Ratio Lower Upper

156 100

77 202.4 101.3 303.7

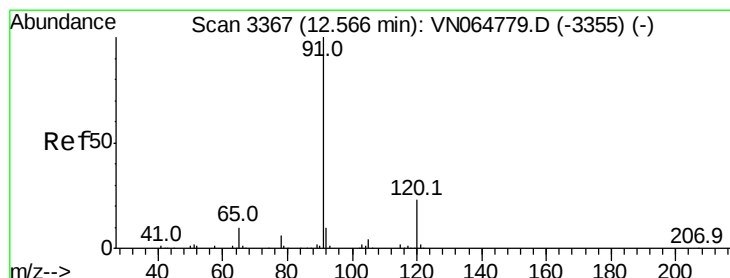
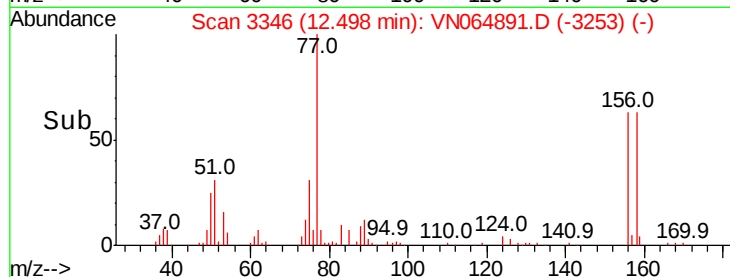
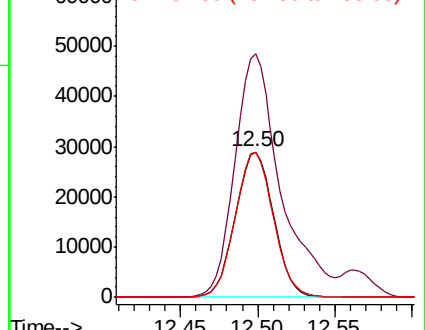
158 99.7 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.853 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064891.D

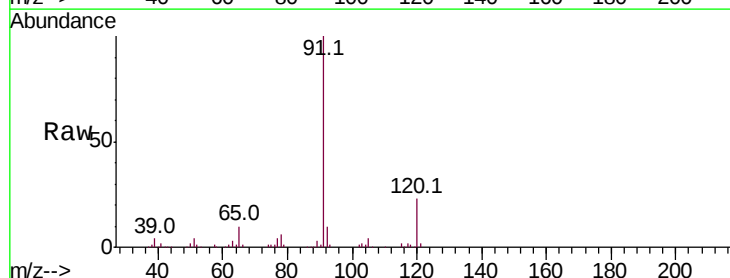
Acq: 3 Dec 2020 11:45

Tgt Ion: 91 Resp: 213320

Ion Ratio Lower Upper

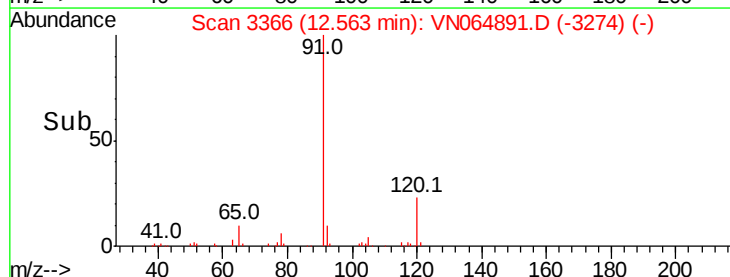
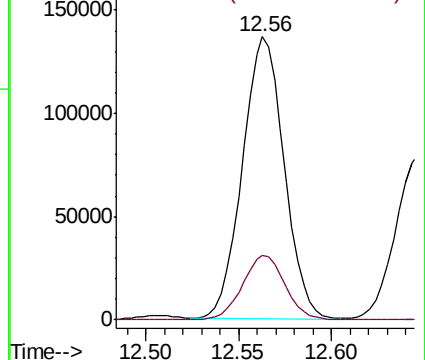
91 100

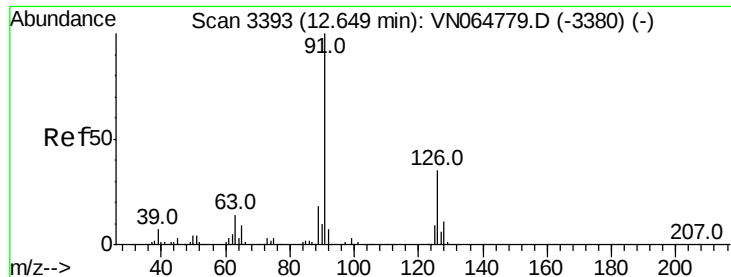
120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

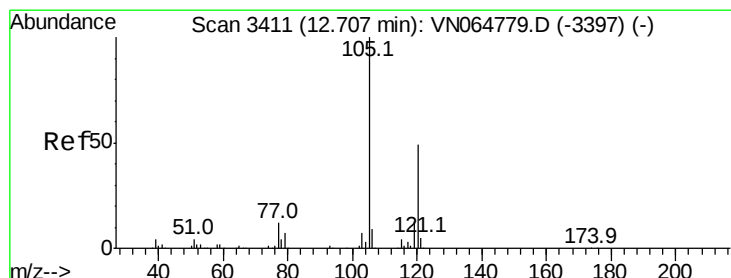
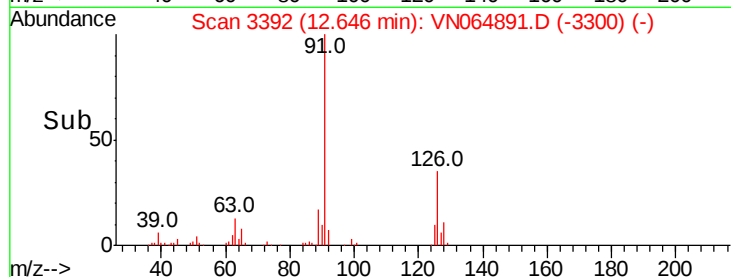
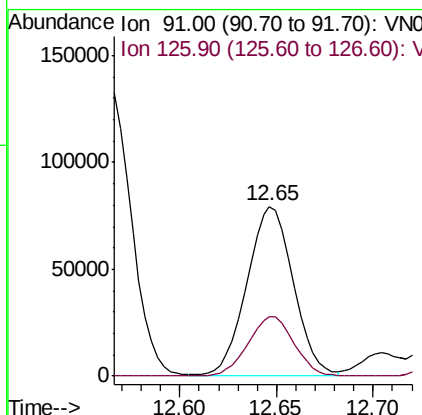
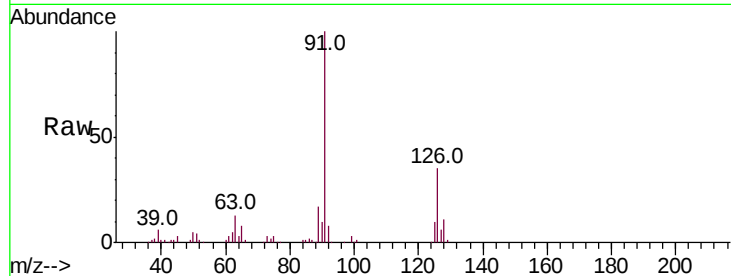




#79
 2-Chlorotoluene
 Concen: 18.807 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

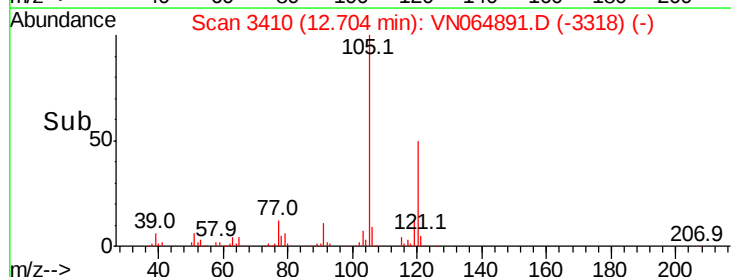
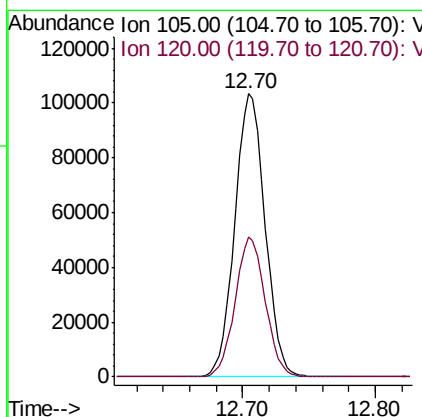
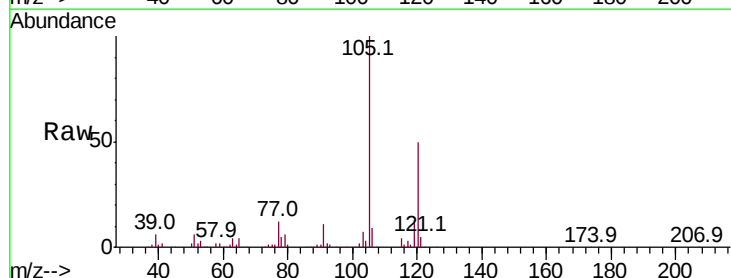
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBL01

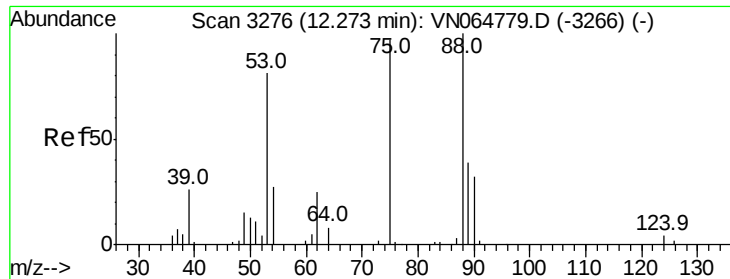
Tot Ion: 91 Resp: 131539
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.838 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Tgt Ion:105 Resp: 163774
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.469 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBL01

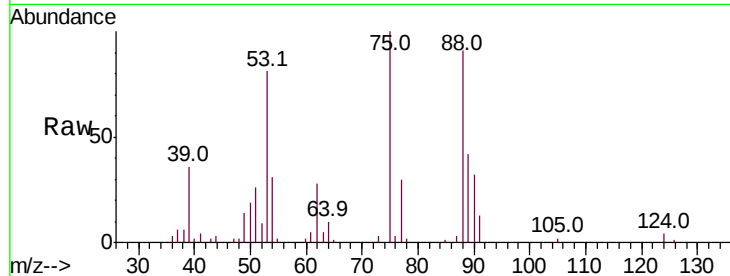
Tot Ion: 75 Resp: 19601

Ion Ratio Lower Upper

75 100

53 86.1 67.0 100.4

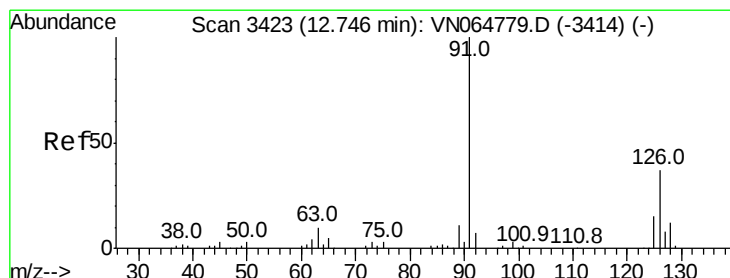
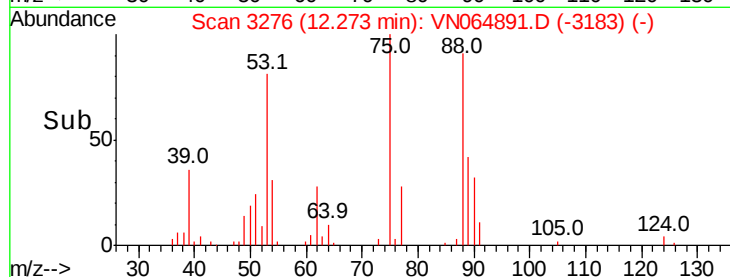
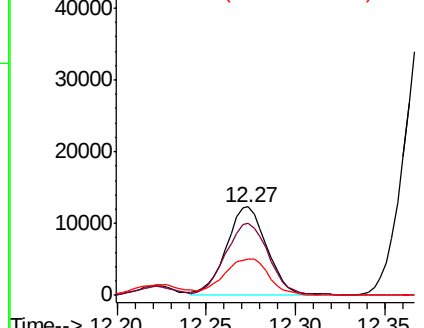
89 45.6 39.6 59.4



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

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

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



#82

4-Chlorotoluene

Concen: 18.703 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064891.D

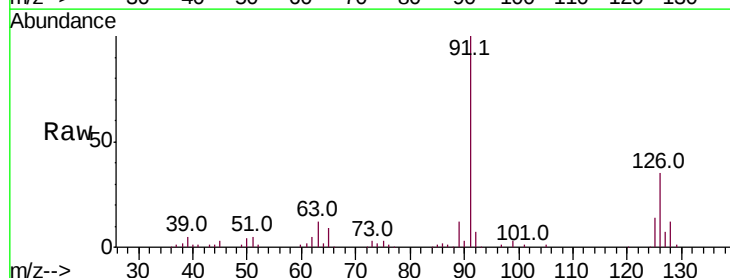
Acq: 3 Dec 2020 11:45

Tgt Ion: 91 Resp: 137119

Ion Ratio Lower Upper

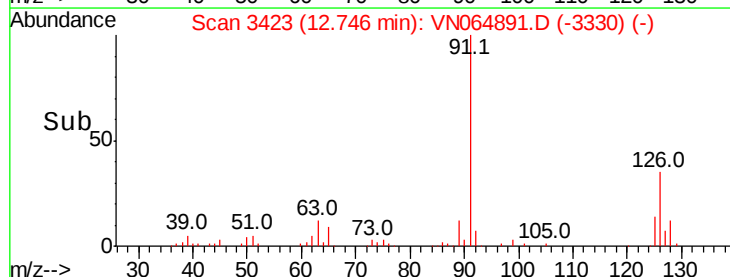
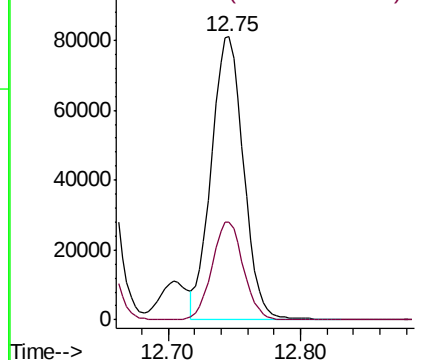
91 100

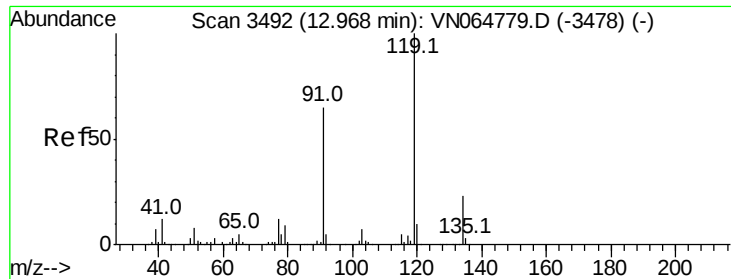
126 33.7 16.9 50.7



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

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

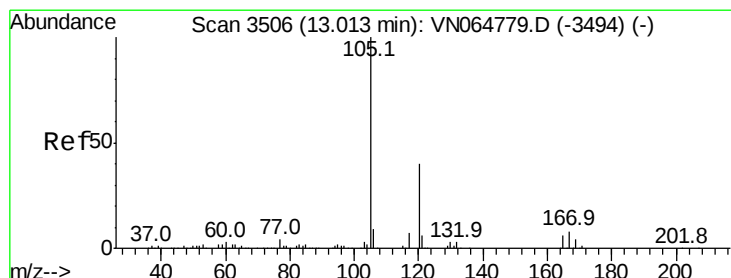
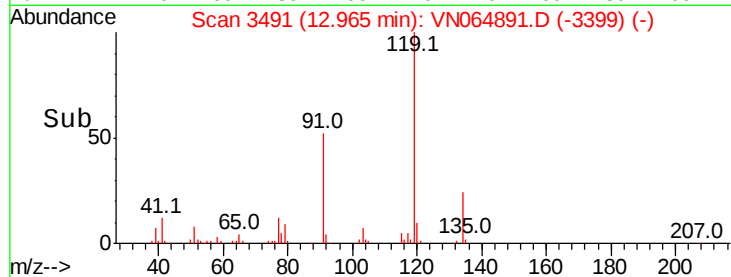
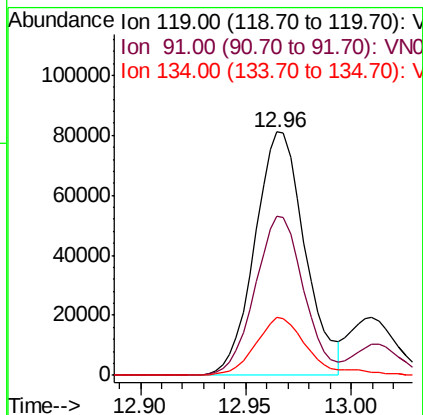
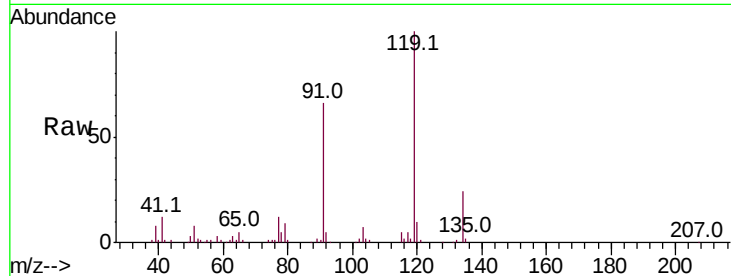




#83
tert-Butylbenzene
Concen: 19.393 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

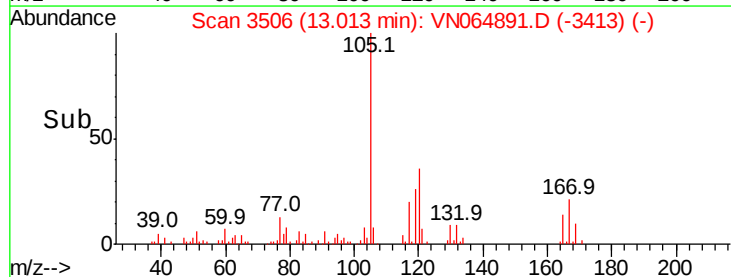
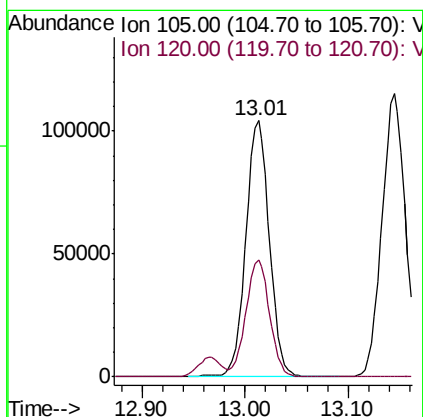
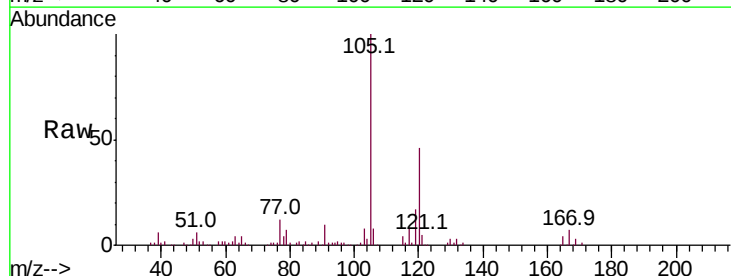
Instrument :
MSVOA_N
ClientSampled :
VN1203WBL01

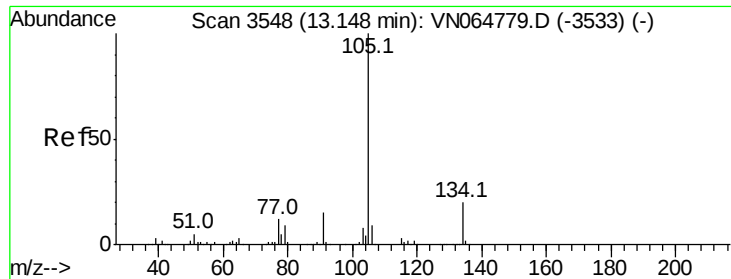
Tot Ion:119 Resp: 134198
Ion Ratio Lower Upper
119 100
91 63.7 32.3 96.8
134 23.4 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 19.830 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Tgt Ion:105 Resp: 165521
Ion Ratio Lower Upper
105 100
120 45.9 23.1 69.2

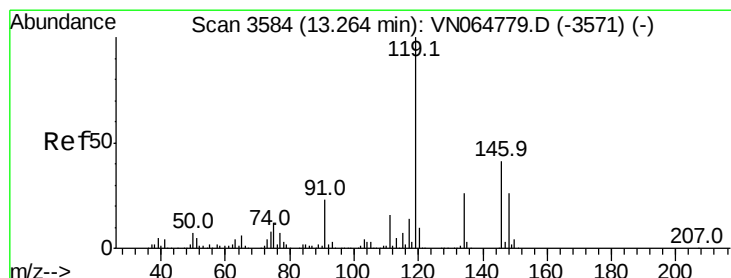
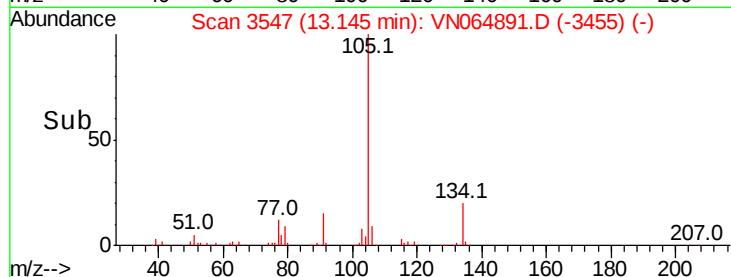
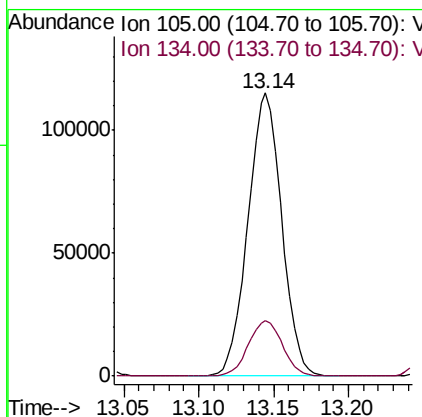
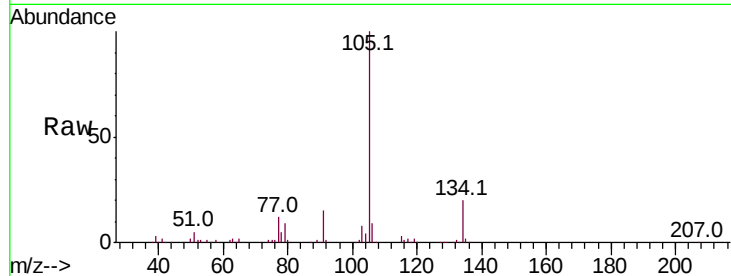




#85
 sec-Butylbenzene
 Concen: 19.705 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

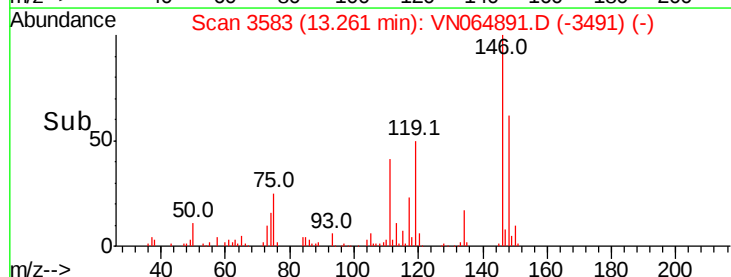
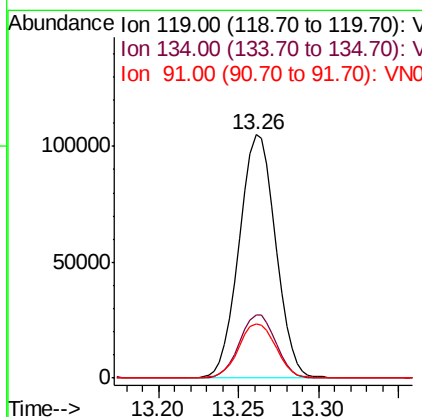
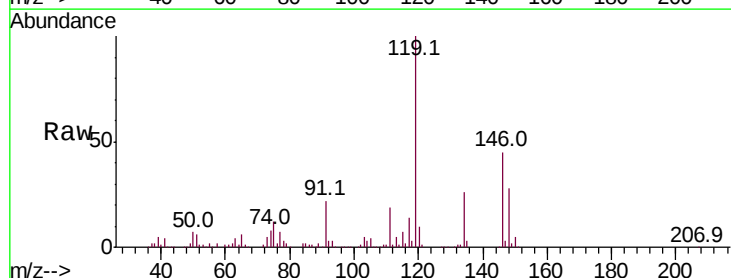
Instrument :
 MSVOA_N
 ClientSampled :
 VN1203WBL01

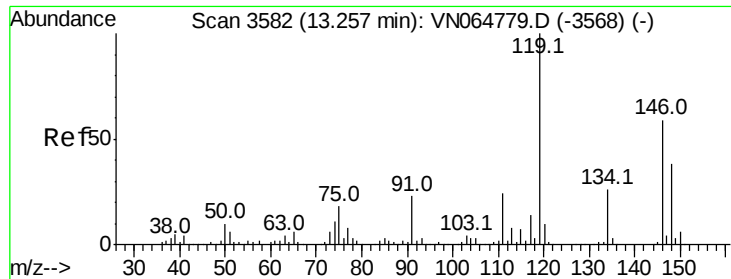
Tot Ion:105 Resp: 181049
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.524 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Tgt Ion:119 Resp: 163314
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 22.8 11.5 34.5

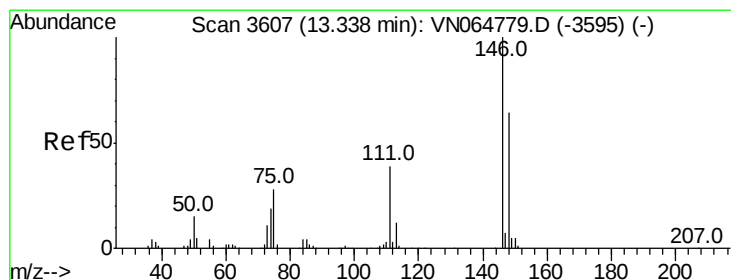
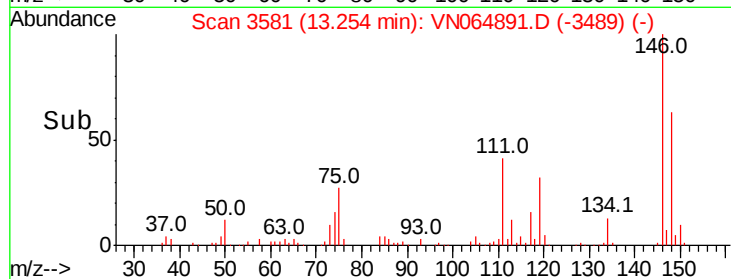
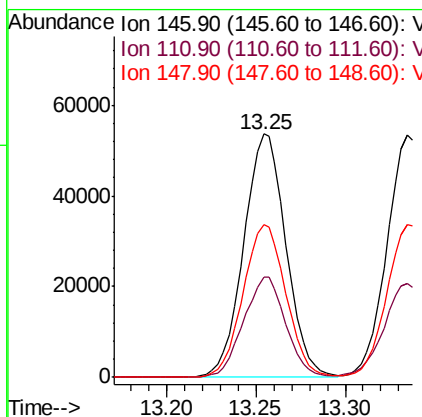
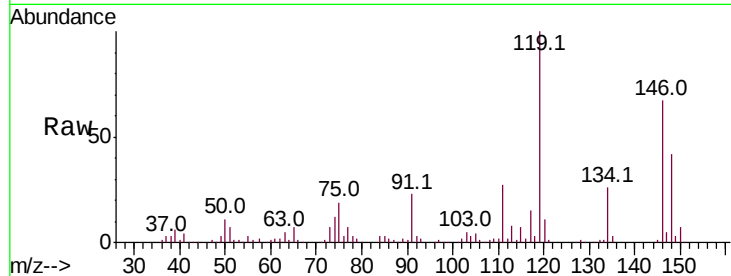




#87
 1,3-Dichlorobenzene
 Concen: 18.724 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

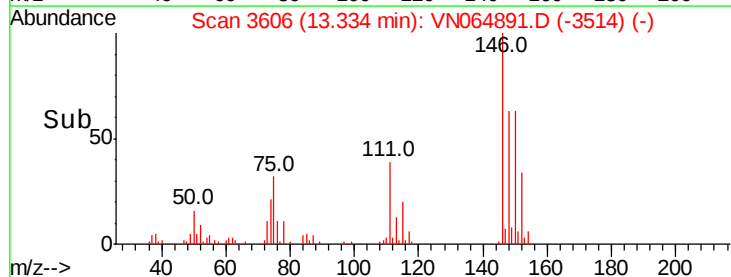
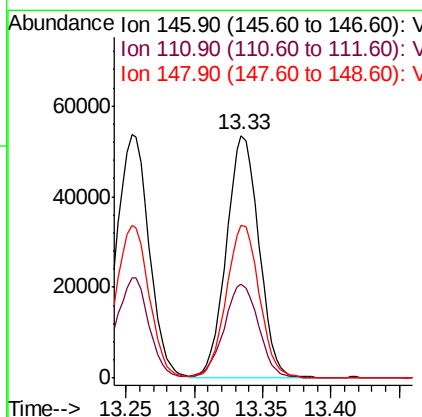
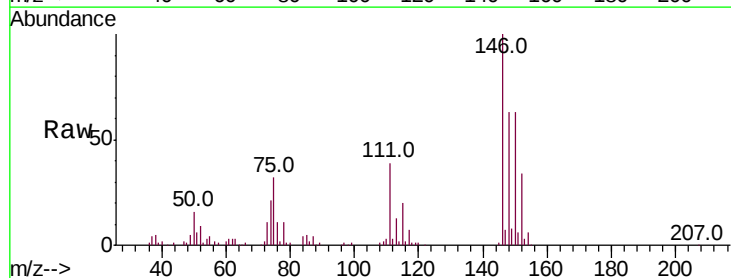
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBL01

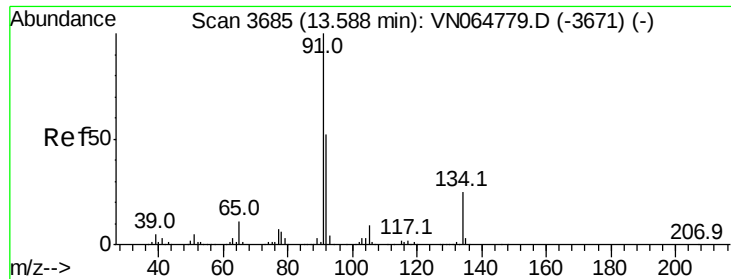
Tot Ion:146 Resp: 89077
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.9
 148 63.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 17.709 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Tgt Ion:146 Resp: 89099
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.8 59.3
 148 63.9 31.9 95.5

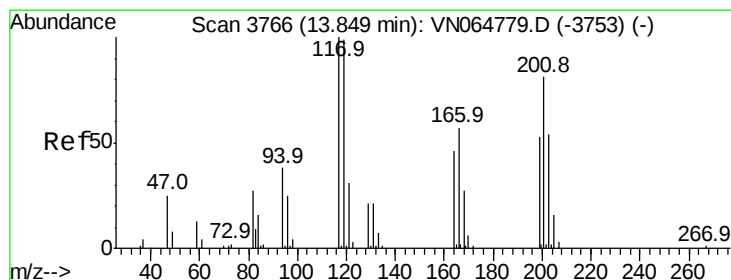
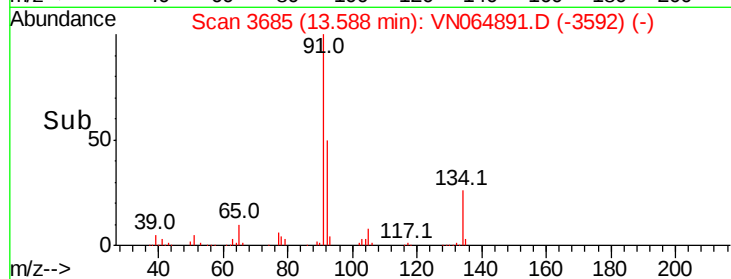
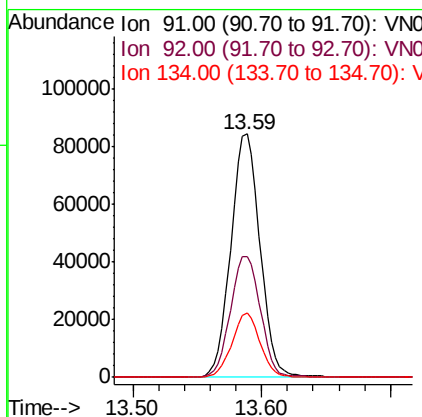
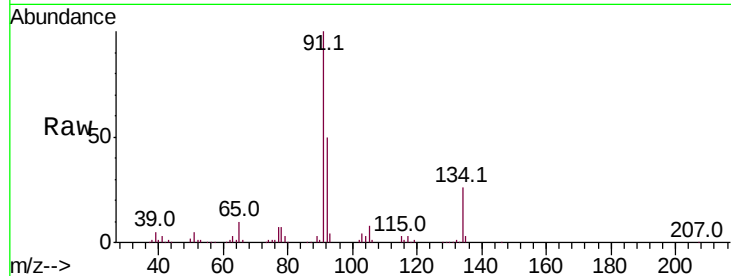




#89
n-Butylbenzene
Concen: 18.091 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

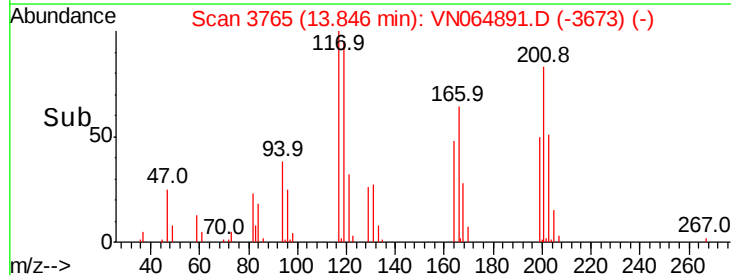
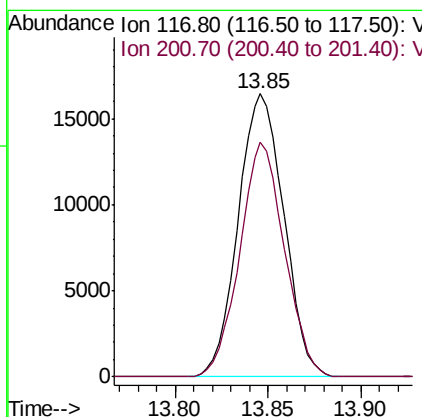
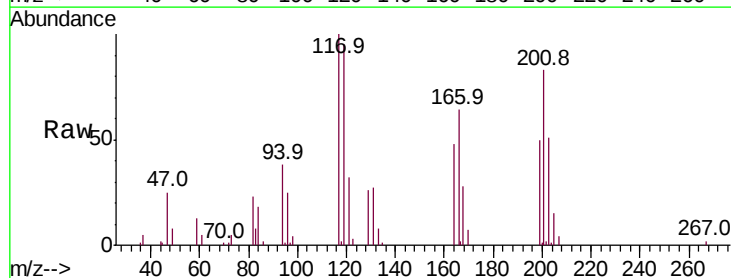
Instrument :
MSVOA_N
ClientSampled :
VN1203WBL01

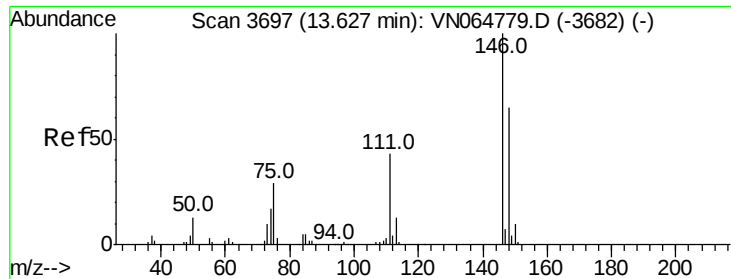
Tot Ion: 91 Resp: 132898
Ion Ratio Lower Upper
91 100
92 50.9 26.0 78.0
134 25.6 12.9 38.6



#90
Hexachloroethane
Concen: 19.338 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064891.D
Acq: 3 Dec 2020 11:45

Tgt Ion: 117 Resp: 28101
Ion Ratio Lower Upper
117 100
201 81.2 40.1 120.3

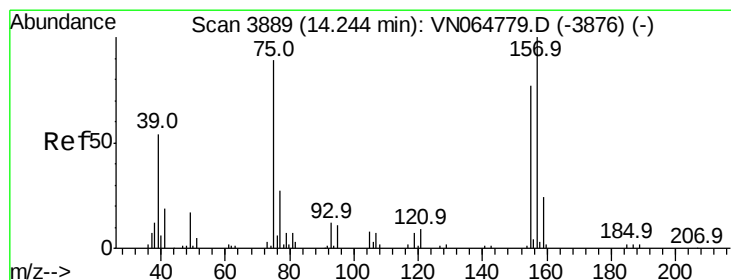
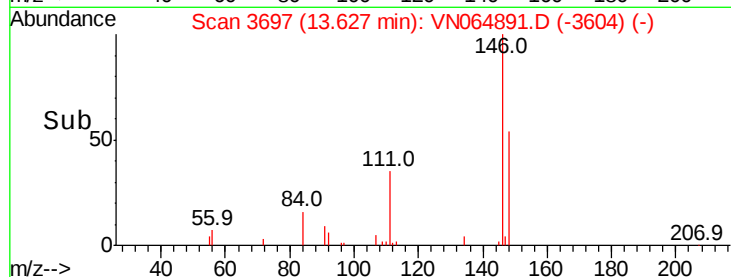
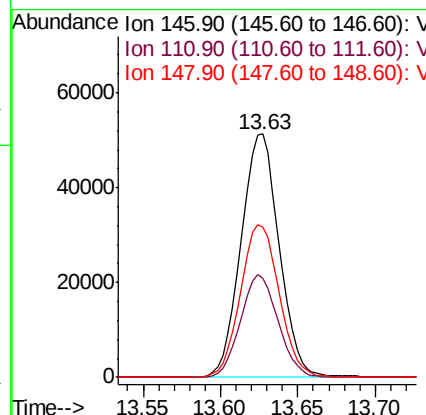
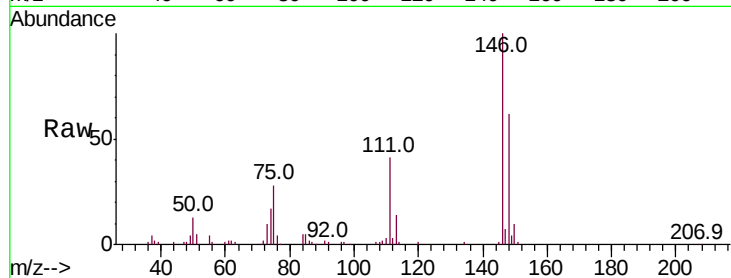




#91
 1,2-Dichlorobenzene
 Concen: 18.868 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

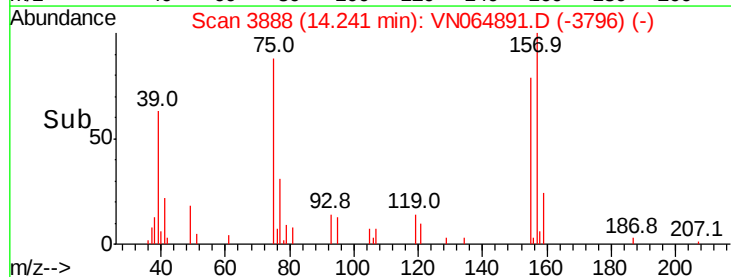
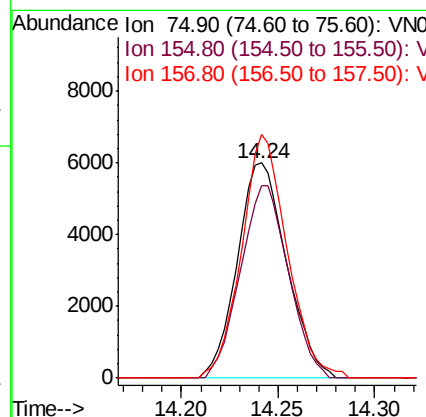
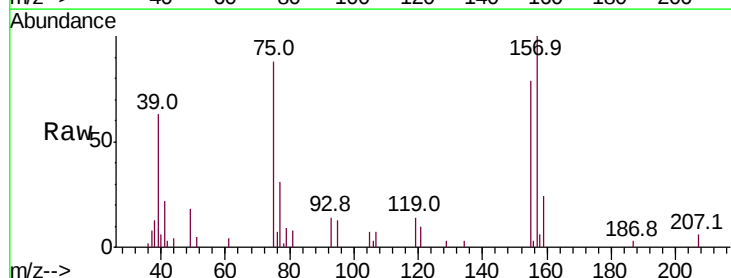
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBL01

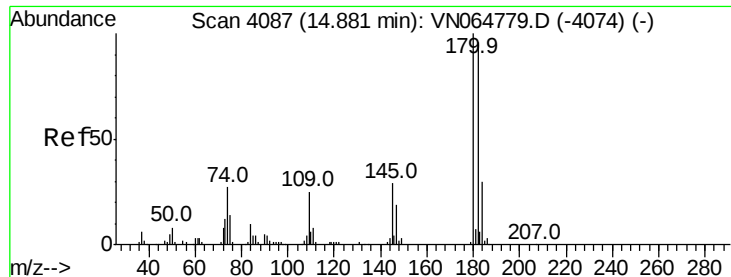
Tot Ion:146 Resp: 88141
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.1 63.1
 148 63.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.226 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Tgt Ion: 75 Resp: 10629
 Ion Ratio Lower Upper
 75 100
 155 87.0 42.8 128.3
 157 104.9 56.4 169.1

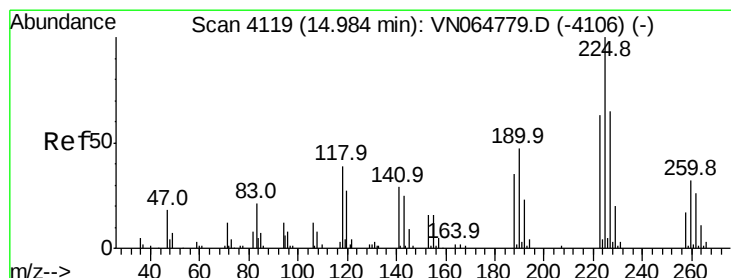
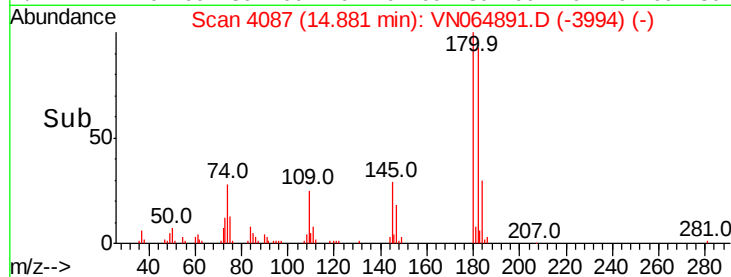
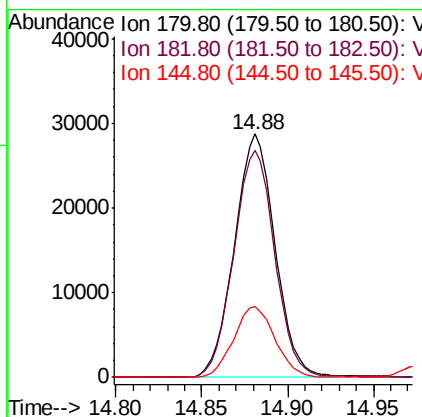
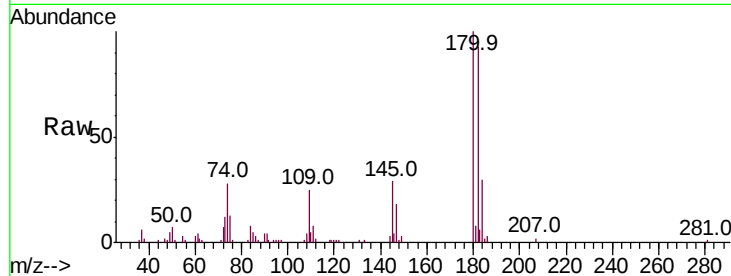




#93
 1,2,4-Trichlorobenzene
 Concen: 16.347 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

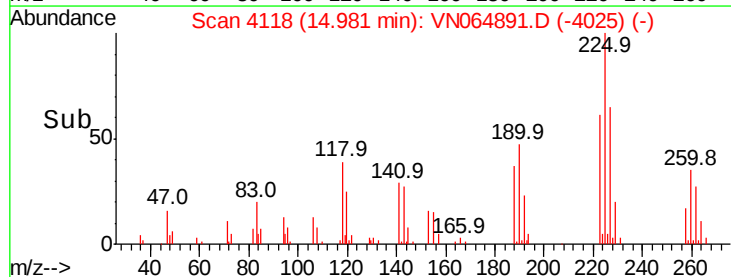
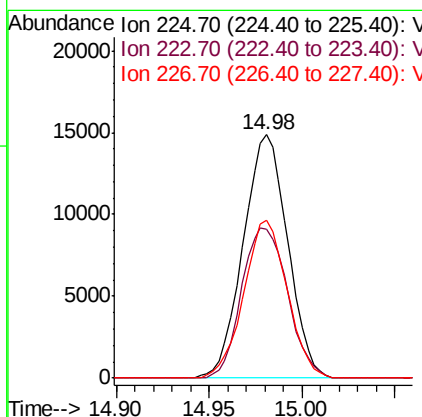
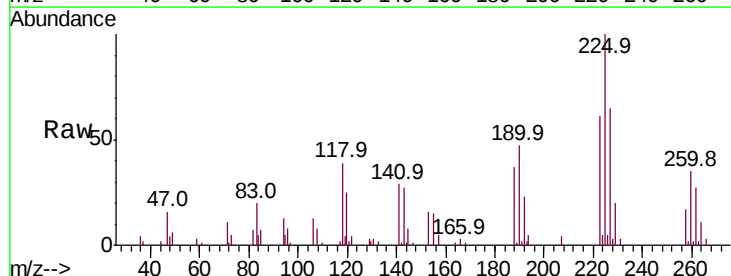
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBL01

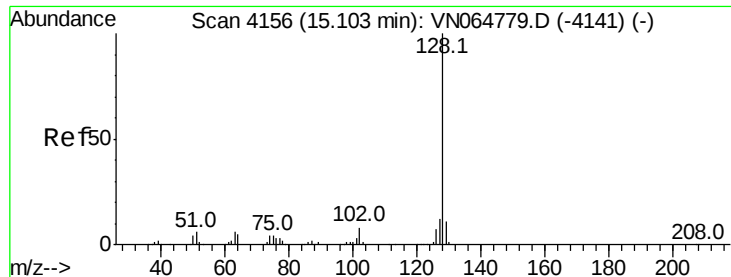
Tot Ion:180 Resp: 47238
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.6 142.9
 145 29.3 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 19.205 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064891.D
 Acq: 3 Dec 2020 11:45

Tgt Ion:225 Resp: 24690
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.0 93.0
 227 63.4 32.0 96.0





#95

Naphthalene

Concen: 15.012 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBL01

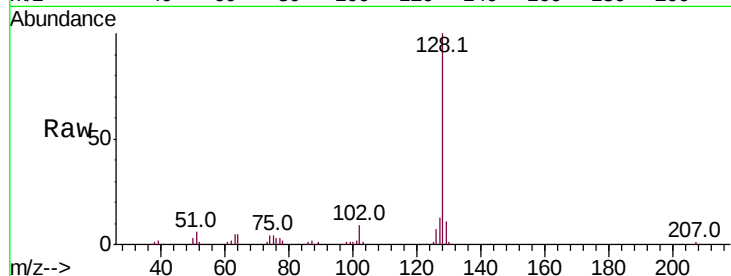
Tot Ion:128 Resp: 129964

Ion Ratio Lower Upper

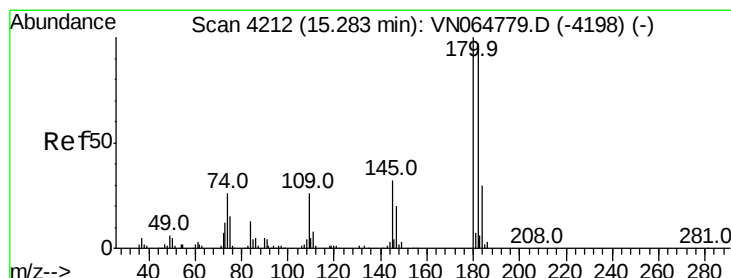
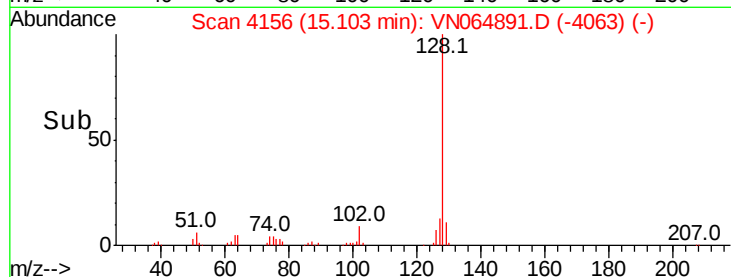
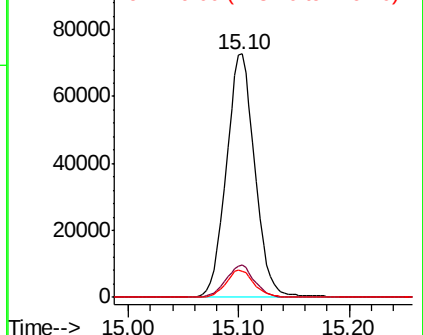
128 100

127 12.9 10.3 15.5

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.803 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064891.D

Acq: 3 Dec 2020 11:45

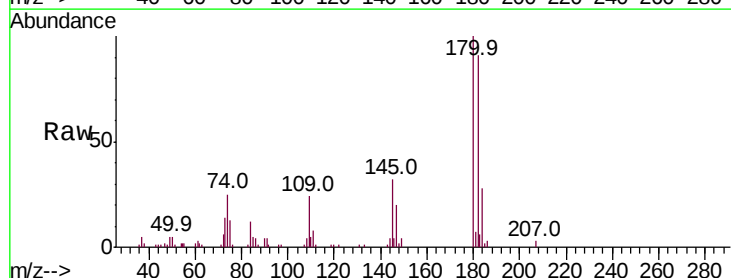
Tgt Ion:180 Resp: 46357

Ion Ratio Lower Upper

180 100

182 92.3 48.1 144.4

145 31.1 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

