

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063936.D
 Acq On : 7 Oct 2020 11:44
 Operator : JC/MD
 Sample : VN1007WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

Quant Time: Oct 08 04:58:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	269772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	438723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	406751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	215663	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
35) Dibromofluoromethane	7.55	113	146053	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	10.06	98	544070	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
62) 4-Bromofluorobenzene	12.38	95	200284	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46220	16.237	ug/l	97
3) Chloromethane	2.04	50	52673	15.770	ug/l	100
4) Vinyl Chloride	2.16	62	55293	16.492	ug/l	96
5) Bromomethane	2.53	94	34398	16.311	ug/l	98
6) Chloroethane	2.68	64	37076	18.507	ug/l	97
7) Trichlorofluoromethane	2.99	101	93834	17.647	ug/l	98
8) Diethyl Ether	3.37	74	29527	16.419	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48167	16.948	ug/l	96
10) Methyl Iodide	3.91	142	54044	16.377	ug/l	99
11) Tert butyl alcohol	4.73	59	46120	93.731	ug/l	97
12) 1,1-Dichloroethene	3.70	96	44514	16.386	ug/l	97
13) Acrolein	3.57	56	32790	108.579	ug/l	97
14) Allyl chloride	4.28	41	88442	17.524	ug/l	95
15) Acrylonitrile	4.93	53	129395	91.870	ug/l	99
16) Acetone	3.78	43	131670	95.973	ug/l	99
17) Carbon Disulfide	4.01	76	121479	17.014	ug/l	98
18) Methyl Acetate	4.28	43	69407	19.485	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	171271	17.354	ug/l	99
20) Methylene Chloride	4.51	84	57582	18.386	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	50833	16.706	ug/l	97
22) Diisopropyl ether	5.90	45	193906	18.674	ug/l	91
23) Vinyl Acetate	5.85	43	767583	89.240	ug/l	100
24) 1,1-Dichloroethane	5.80	63	108458	18.268	ug/l	99
25) 2-Butanone	6.79	43	188150	96.731	ug/l	97
26) 2,2-Dichloropropane	6.78	77	93567	17.209	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	60241	17.214	ug/l	99
28) Bromochloromethane	7.15	49	54830	18.685	ug/l	97
29) Tetrahydrofuran	7.17	42	124410	95.365	ug/l	97
30) Chloroform	7.33	83	109639	17.711	ug/l	96
31) Cyclohexane	7.61	56	85480	16.521	ug/l	# 95
32) 1,1,1-Trichloroethane	7.53	97	97138	17.397	ug/l	99
36) 1,1-Dichloropropene	7.75	75	75831	17.061	ug/l	98
37) Ethyl Acetate	6.89	43	76146	17.244	ug/l	97
38) Carbon Tetrachloride	7.74	117	88932	17.843	ug/l	89

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	68938	15.553	ug/l	99
40) Benzene	8.00	78	224560	17.689	ug/l	99
41) Methacrylonitrile	7.16	41	120550	61.424	ug/l #	23
42) 1,2-Dichloroethane	8.08	62	96684	17.841	ug/l	100
43) Isopropyl Acetate	8.13	43	135145	18.554	ug/l #	92
44) Trichloroethene	8.80	130	56999	17.136	ug/l	100
45) 1,2-Dichloropropane	9.08	63	60698	17.704	ug/l	99
46) Dibromomethane	9.17	93	41778	17.664	ug/l	98
47) Bromodichloromethane	9.37	83	87529	17.956	ug/l	100
48) Methyl methacrylate	9.17	41	66716	18.539	ug/l	90
49) 1,4-Dioxane	9.16	88	17818	348.384	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	413532	96.745	ug/l	99
52) Toluene	10.13	92	138811	17.677	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	87901	16.823	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	95745	17.521	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	58270	18.504	ug/l	97
56) Ethyl methacrylate	10.40	69	76385	17.113	ug/l	95
57) 1,3-Dichloropropane	10.68	76	96798	18.169	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	215406	90.216	ug/l	99
59) 2-Hexanone	10.72	43	291912	91.931	ug/l	96
60) Dibromochloromethane	10.87	129	64128	17.486	ug/l	97
61) 1,2-Dibromoethane	10.98	107	58557	18.178	ug/l	100
64) Tetrachloroethene	10.60	164	55423	17.612	ug/l	98
65) Chlorobenzene	11.41	112	148495	17.797	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	58430	18.267	ug/l	100
67) Ethyl Benzene	11.49	91	260224	17.140	ug/l	100
68) m/p-Xylenes	11.60	106	193037	34.114	ug/l	100
69) o-Xylene	11.92	106	90166	17.048	ug/l	96
70) Styrene	11.94	104	156736	17.458	ug/l	98
71) Bromoform	12.10	173	43540	17.797	ug/l #	99
73) Isopropylbenzene	12.23	105	241790	17.573	ug/l	99
74) N-amyl acetate	12.05	43	107515	18.283	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	82385	19.581	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	111069	26.710	ug/l #	100
77) Bromobenzene	12.50	156	63036	18.671	ug/l	99
78) n-propylbenzene	12.57	91	277731	17.344	ug/l	100
79) 2-Chlorotoluene	12.65	91	176078	17.879	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	202137	17.511	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25177	17.438	ug/l	95
82) 4-Chlorotoluene	12.75	91	182724	17.873	ug/l	98
83) tert-Butylbenzene	12.97	119	163614	17.328	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	206334	17.903	ug/l	98
85) sec-Butylbenzene	13.15	105	209867	16.923	ug/l	99
86) p-Isopropyltoluene	13.26	119	189091	17.235	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	108754	17.805	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	109845	17.272	ug/l	99
89) n-Butylbenzene	13.59	91	157200	15.524	ug/l	99
90) Hexachloroethane	13.85	117	36272	17.061	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	109046	18.025	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17627	17.864	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47124	15.564	ug/l	98
94) Hexachlorobutadiene	14.98	225	30433	18.595	ug/l	98
95) Naphthalene	15.11	128	138609	15.018	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	46915	15.811	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

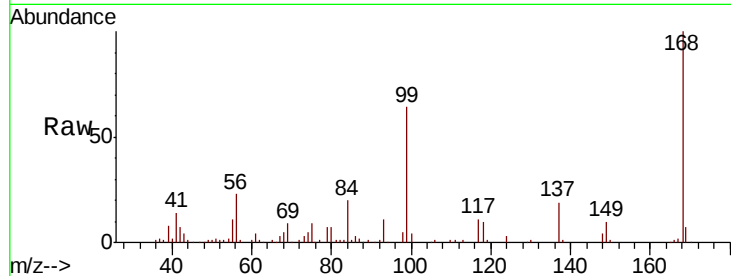
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

Tot Ion:168 Resp: 269772

Ion Ratio Lower Upper

168 100

99 63.7 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

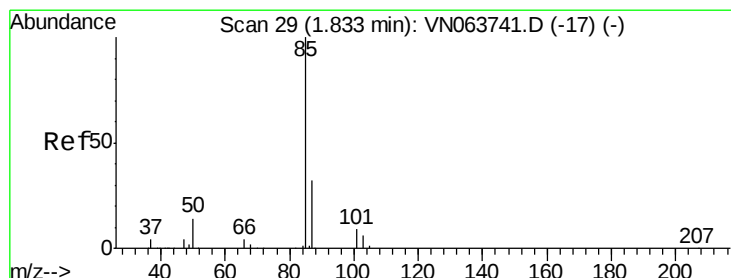
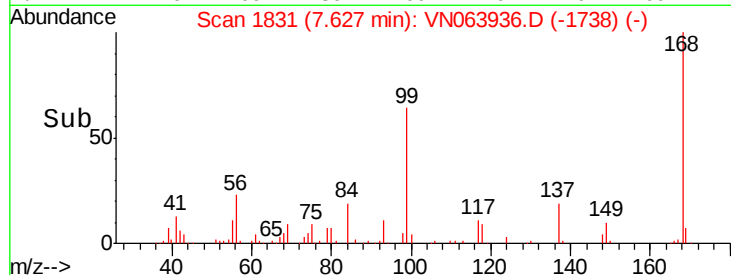
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 16.237 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063936.D

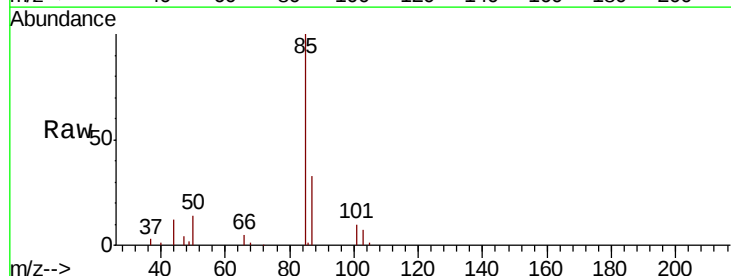
Acq: 7 Oct 2020 11:44

Tgt Ion: 85 Resp: 46220

Ion Ratio Lower Upper

85 100

87 33.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

40000

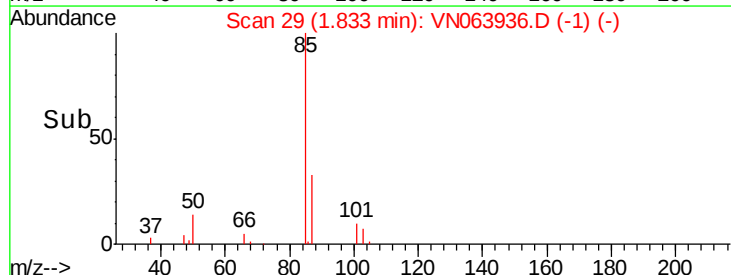
30000

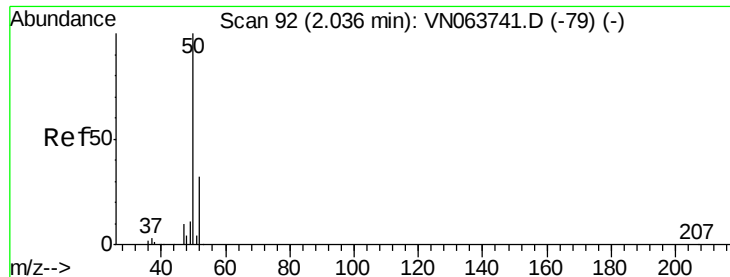
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 15.770 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

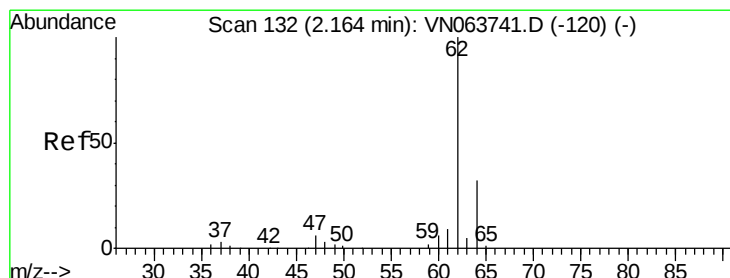
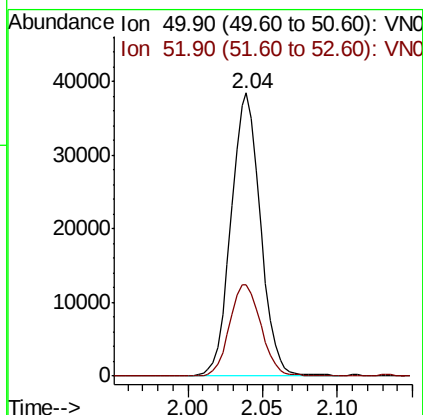
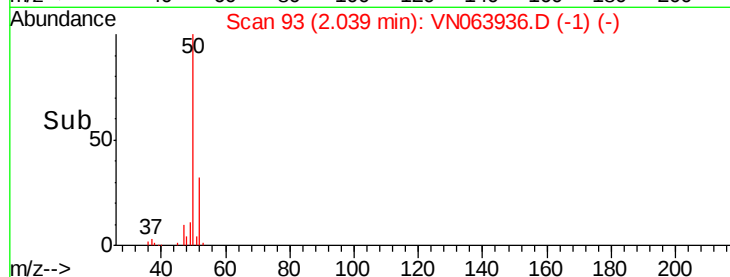
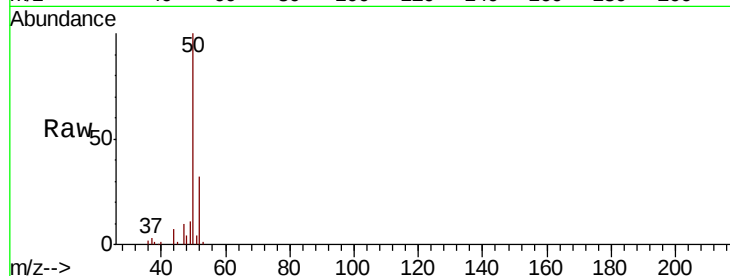
VN1007WBS01

Tot Ion: 50 Resp: 52673

Ion Ratio Lower Upper

50 100

52 32.5 25.8 38.8



#4

Vinyl Chloride

Concen: 16.492 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063936.D

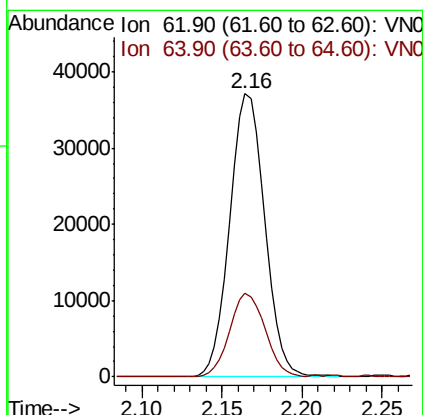
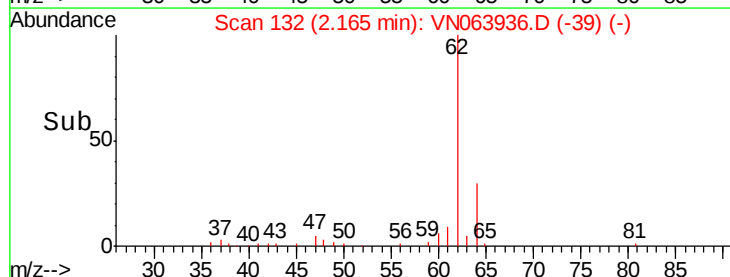
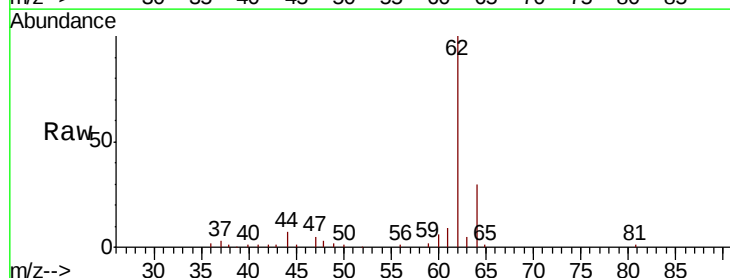
Acq: 7 Oct 2020 11:44

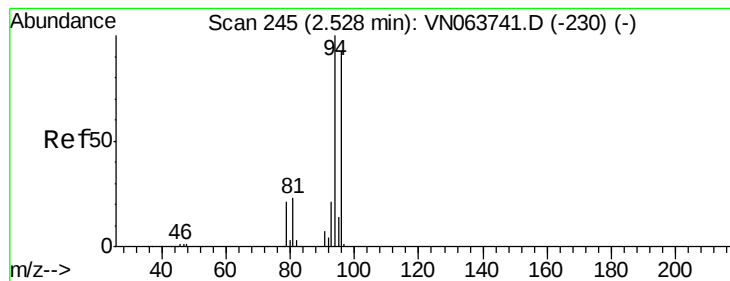
Tgt Ion: 62 Resp: 55293

Ion Ratio Lower Upper

62 100

64 29.5 25.6 38.4





#5

Bromomethane

Concen: 16.311 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

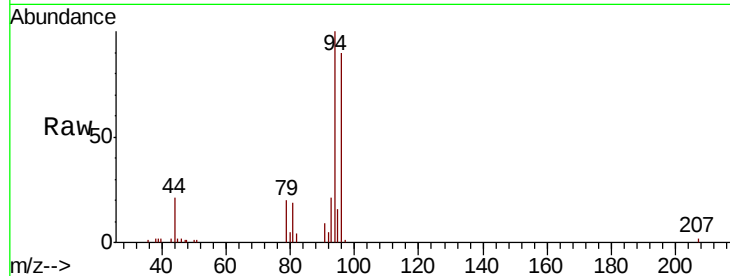
VN1007WBS01

Tot Ion: 94 Resp: 34398

Ion Ratio Lower Upper

94 100

96 89.7 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN063936.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN063936.D (-152) (-)

20000

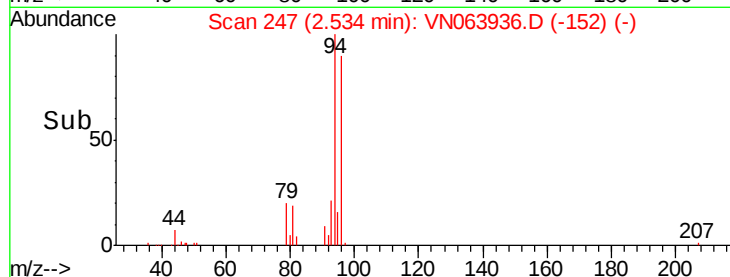
15000

10000

5000

0

Time-->



2.53

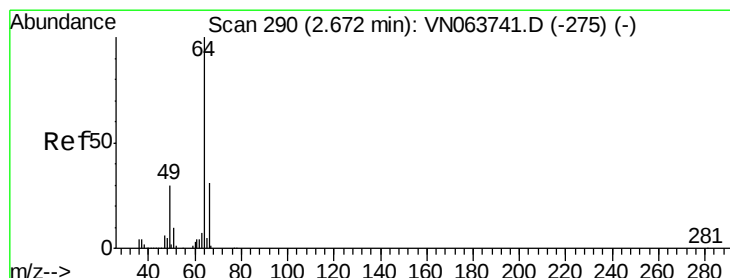
2.45 2.50 2.55 2.60

2.53

2.45 2.50 2.55 2.60

2.53

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 18.507 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063936.D

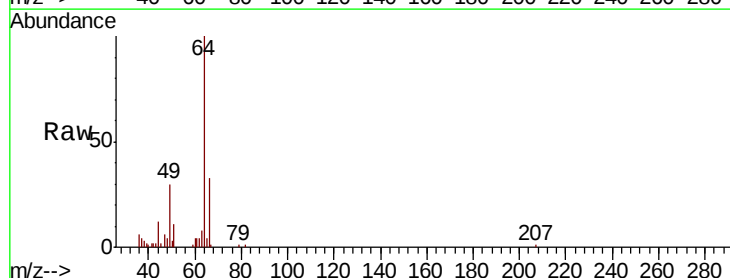
Acq: 7 Oct 2020 11:44

Tgt Ion: 64 Resp: 37076

Ion Ratio Lower Upper

64 100

66 33.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN063936.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN063936.D (-197) (-)

20000

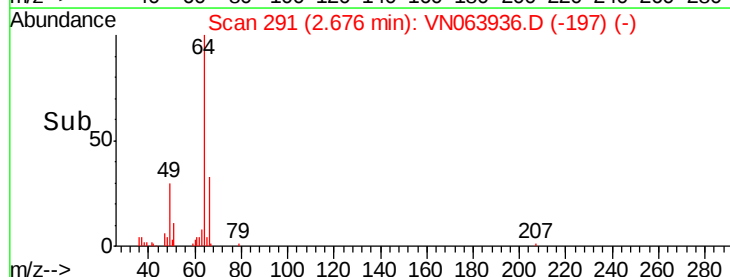
15000

10000

5000

0

Time-->



2.68

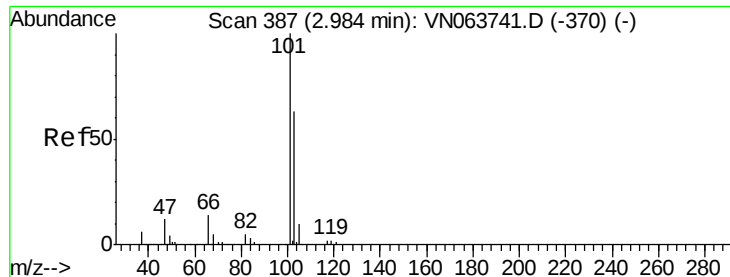
2.60 2.65 2.70 2.75

2.68

2.60 2.65 2.70 2.75

2.68

2.60 2.65 2.70 2.75

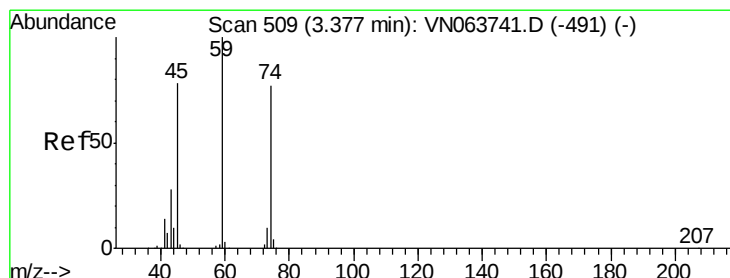
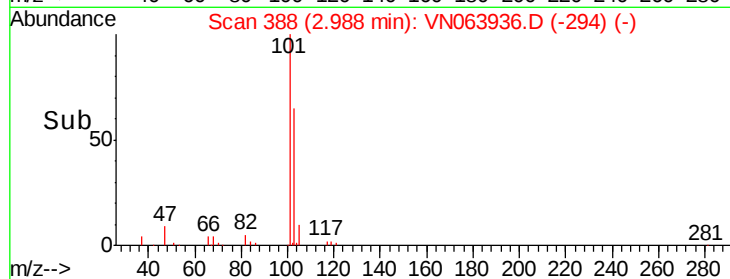
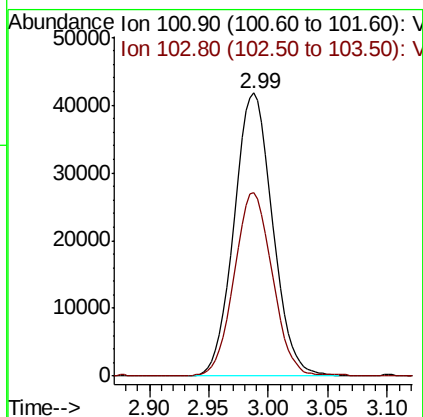
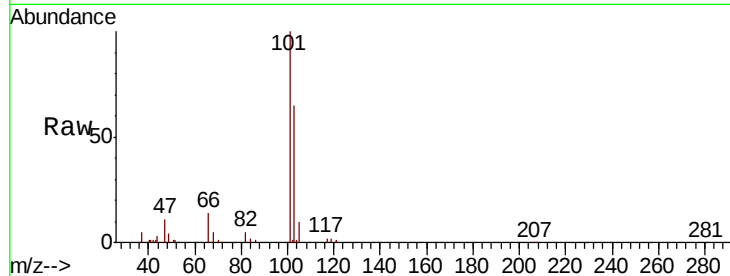


#7

Trichlorofluoromethane
 Concen: 17.647 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063936.D
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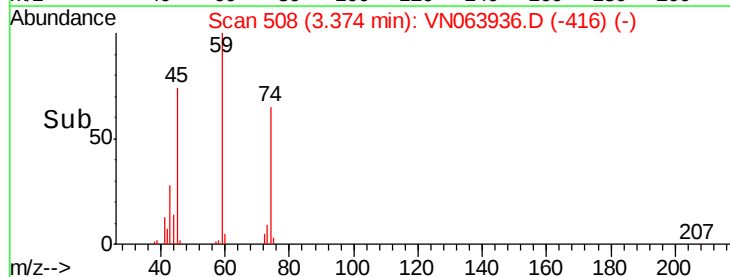
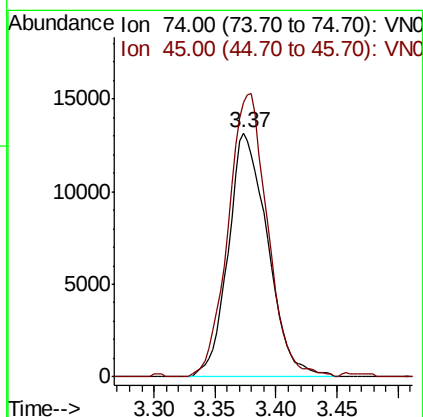
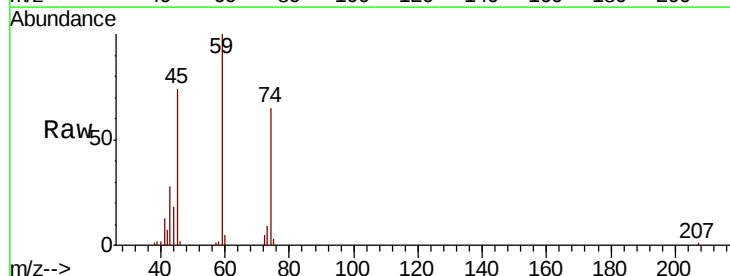
Tot Ion:101 Resp: 93834
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.7 76.1

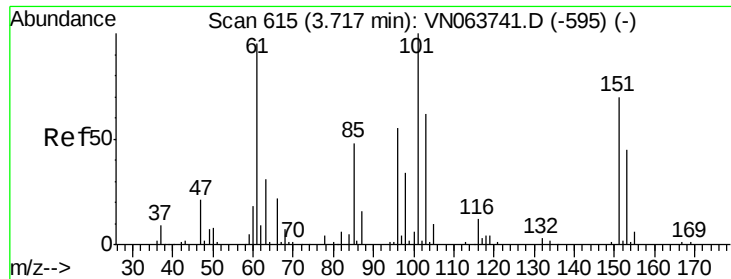


#8

Diethyl Ether
 Concen: 16.419 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion: 74 Resp: 29527
 Ion Ratio Lower Upper
 74 100
 45 116.5 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.948 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

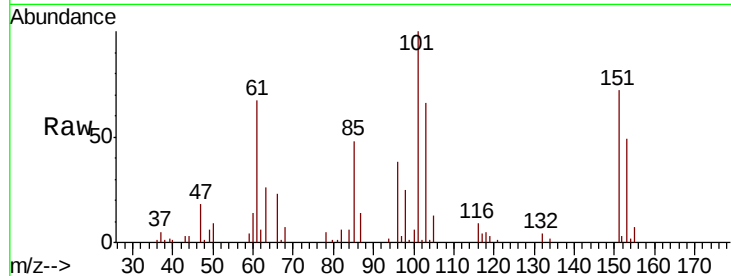
Tot Ion:101 Resp: 48167

Ion Ratio Lower Upper

101 100

85 48.5 38.6 58.0

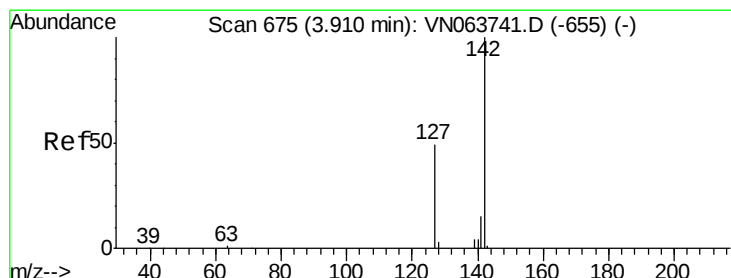
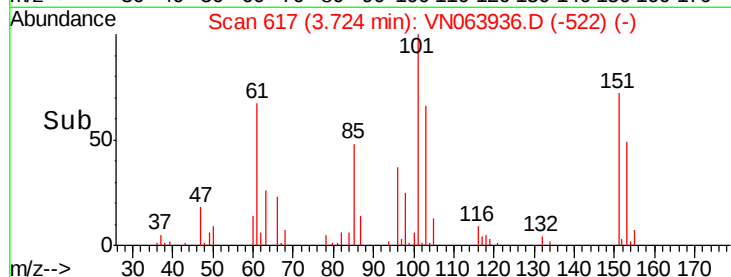
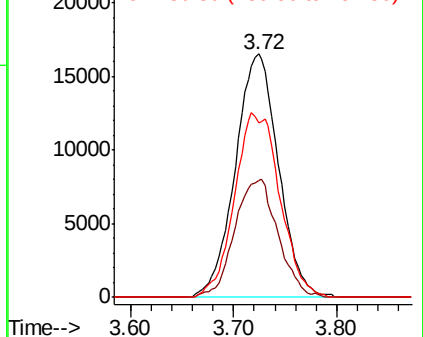
151 79.4 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.377 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

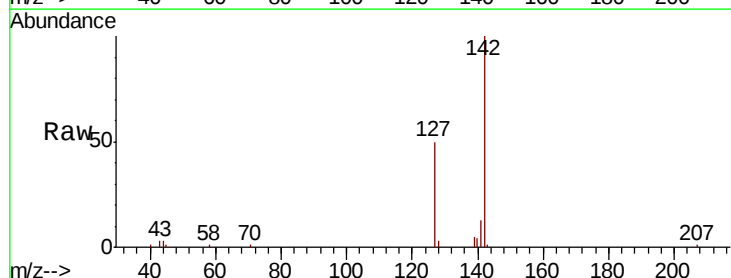
Tgt Ion:142 Resp: 54044

Ion Ratio Lower Upper

142 100

127 51.6 40.5 60.7

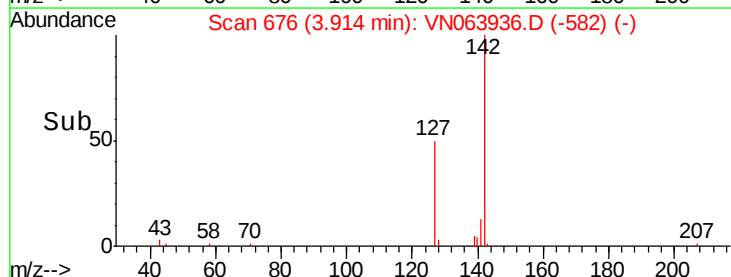
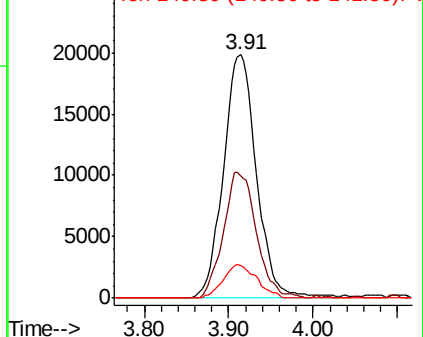
141 14.0 11.7 17.5

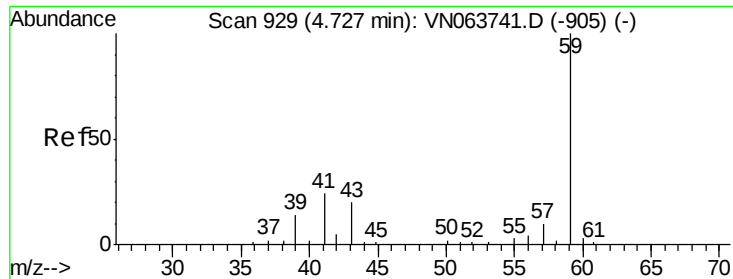


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

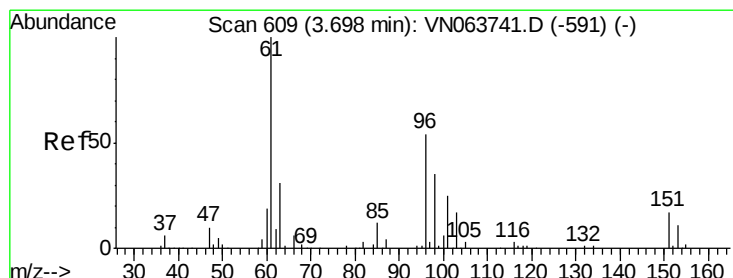
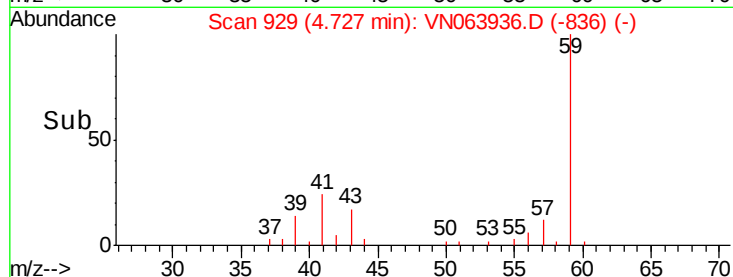
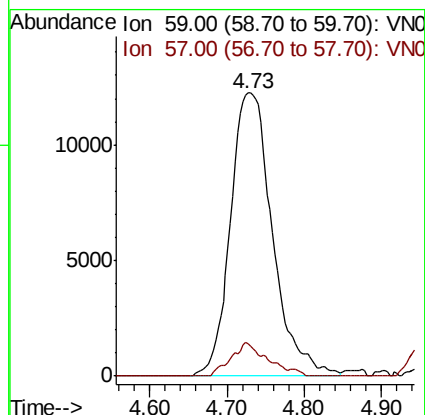
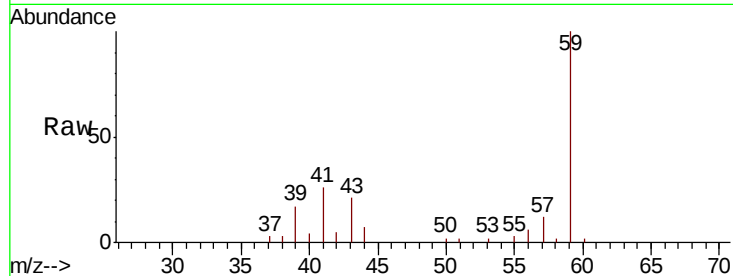




#11
Tert butyl alcohol
Concen: 93.731 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

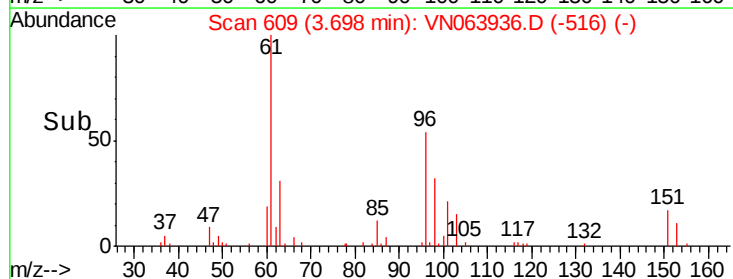
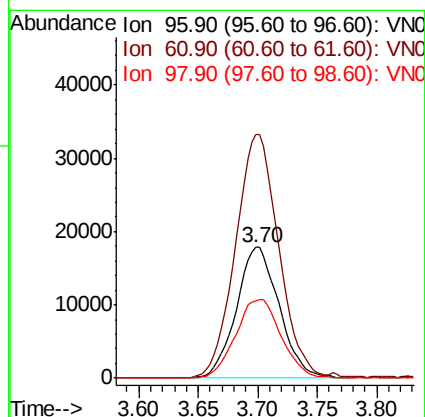
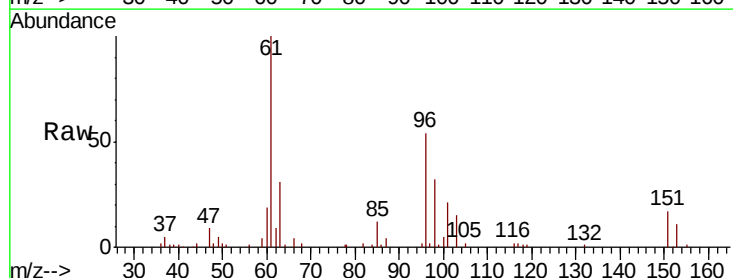
Instrument :
MSVOA_N
ClientSampled :
VN1007WBS01

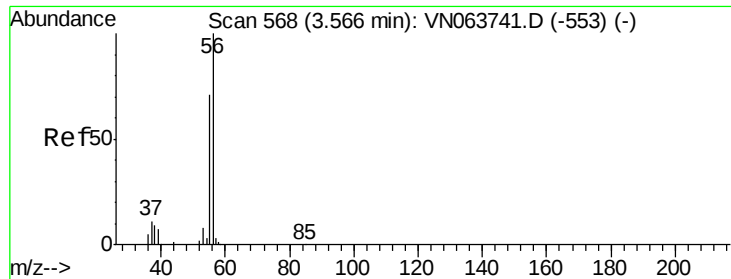
Tot Ion: 59 Resp: 46120
Ion Ratio Lower Upper
59 100
57 9.8 8.7 13.1



#12
1,1-Dichloroethene
Concen: 16.386 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion: 96 Resp: 44514
Ion Ratio Lower Upper
96 100
61 186.3 147.7 221.5
98 59.0 51.9 77.9





#13

Acrolein

Concen: 108.579 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

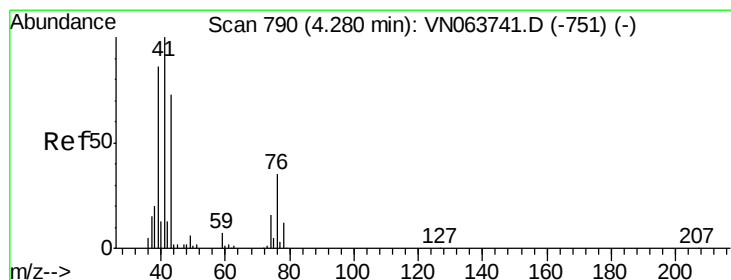
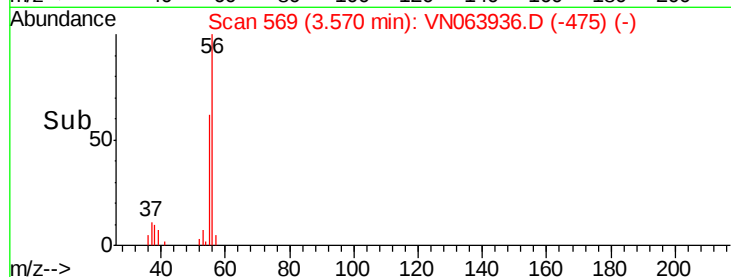
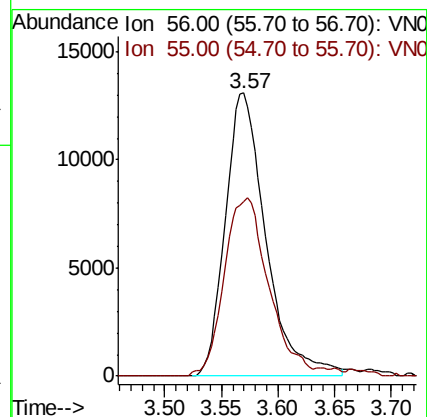
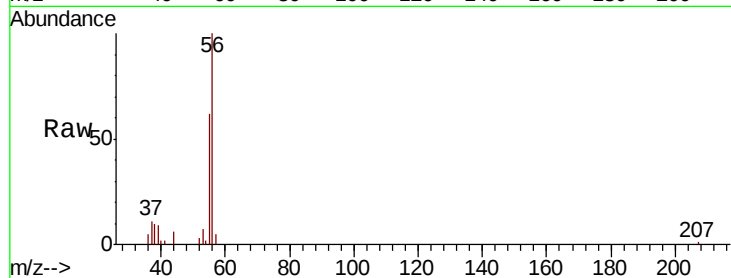
VN1007WBS01

Tot Ion: 56 Resp: 32790

Ion Ratio Lower Upper

56 100

55 68.6 56.9 85.3



#14

Allyl chloride

Concen: 17.524 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

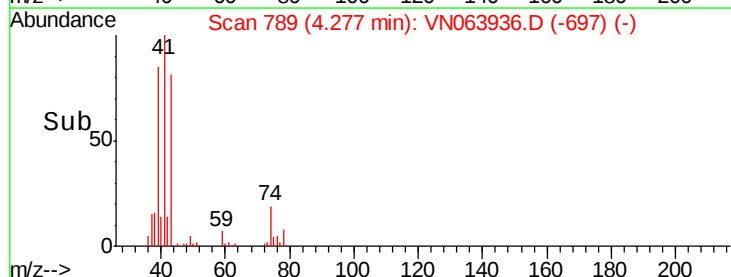
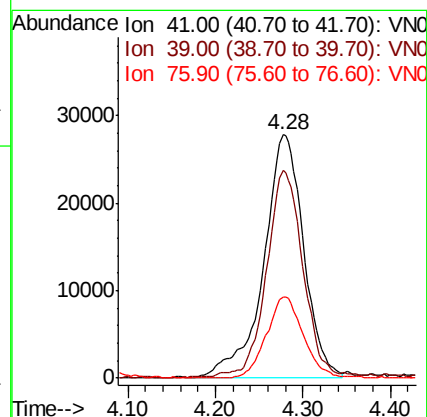
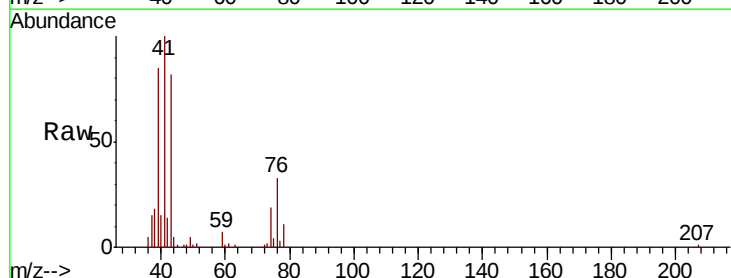
Tgt Ion: 41 Resp: 88442

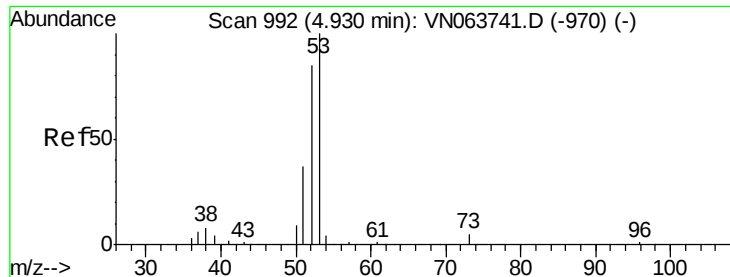
Ion Ratio Lower Upper

41 100

39 75.7 64.5 96.7

76 30.8 25.9 38.9





#15

Acrylonitrile

Concen: 91.870 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

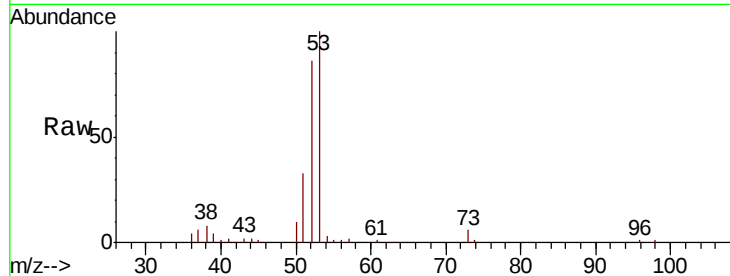
Tot Ion: 53 Resp: 129395

Ion Ratio Lower Upper

53 100

52 83.8 66.5 99.7

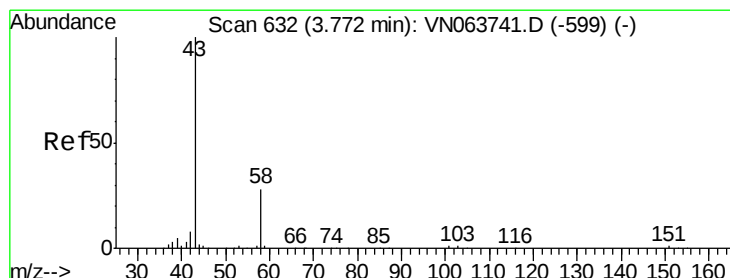
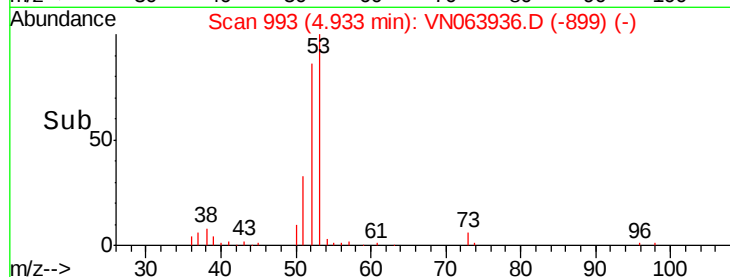
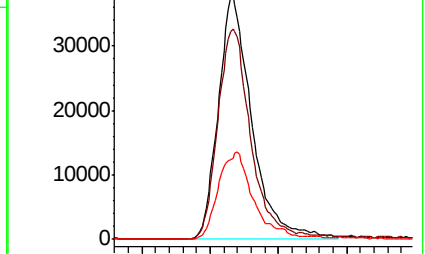
51 37.6 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN063936.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063936.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063936.D (-899) (-)



#16

Acetone

Concen: 95.973 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063936.D

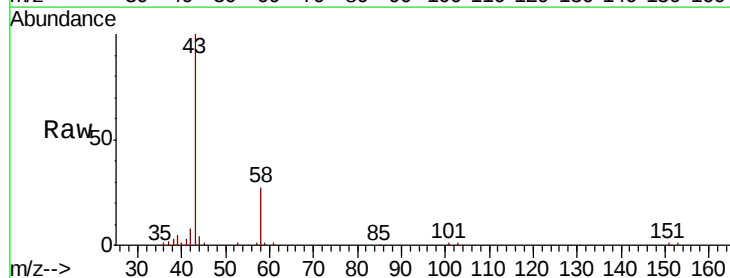
Acq: 7 Oct 2020 11:44

Tgt Ion: 43 Resp: 131670

Ion Ratio Lower Upper

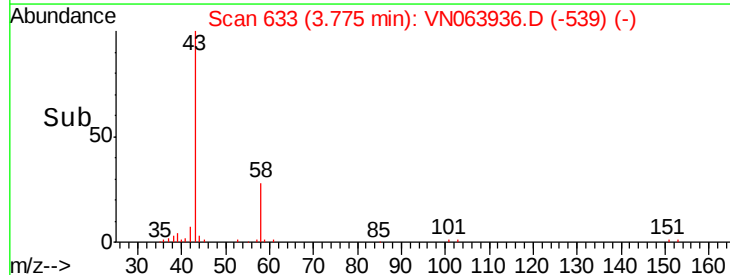
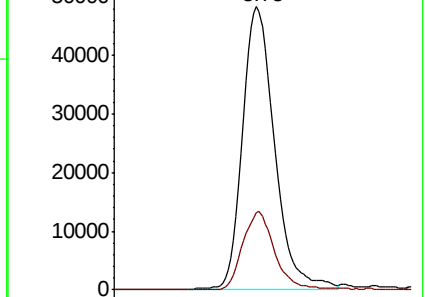
43 100

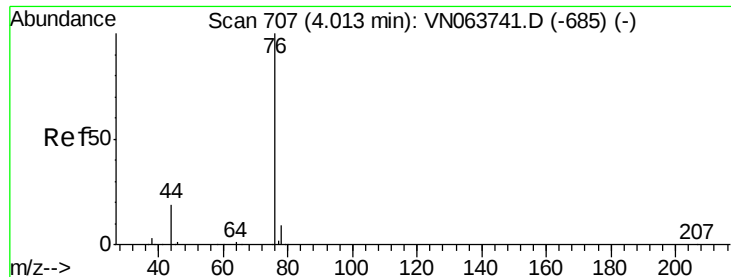
58 27.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063936.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063936.D (-539) (-)

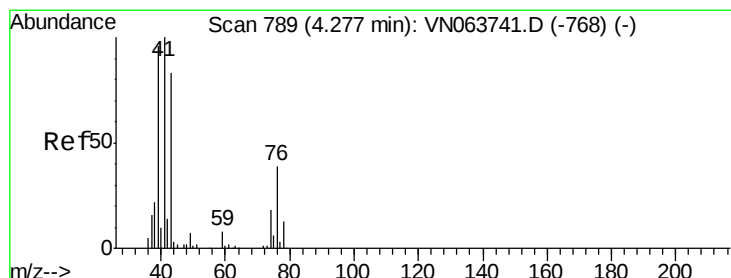
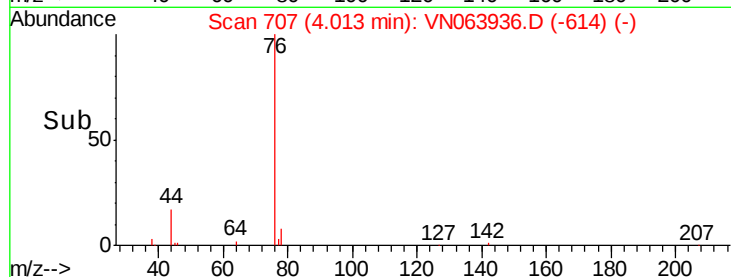
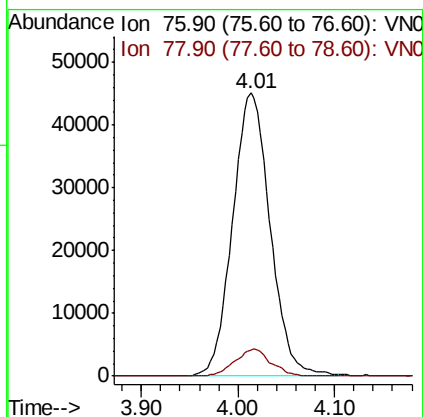
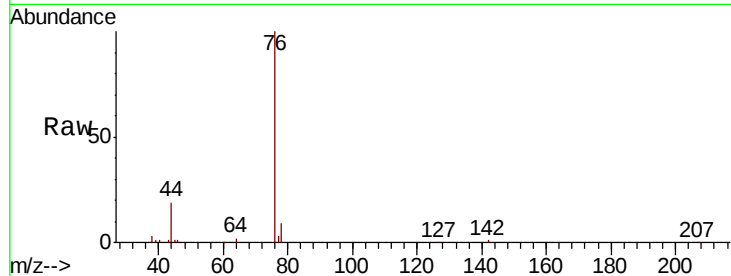




#17
Carbon Disulfide
Concen: 17.014 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

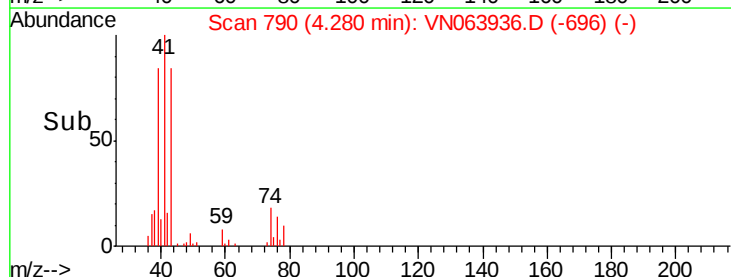
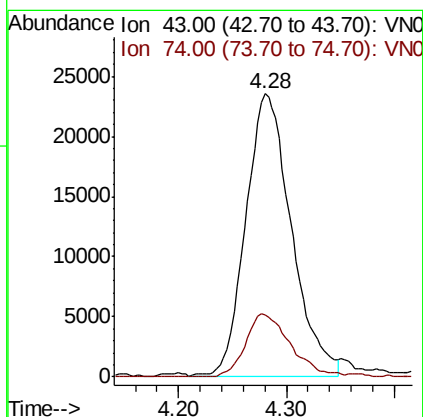
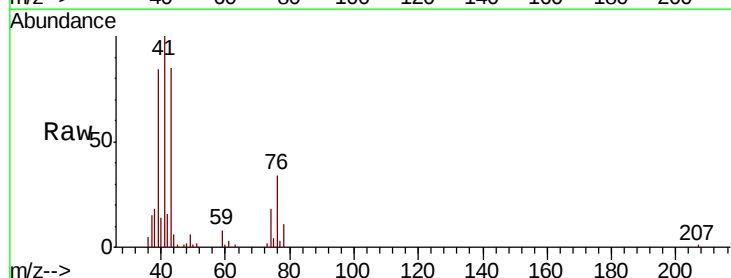
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

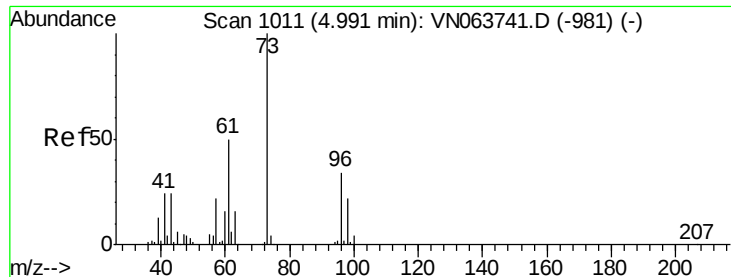
Tot Ion: 76 Resp: 121479
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 19.485 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion: 43 Resp: 69407
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.2

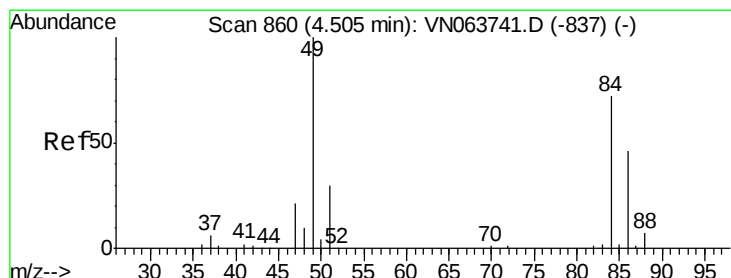
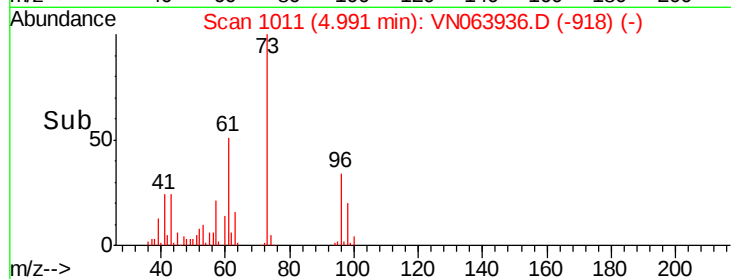
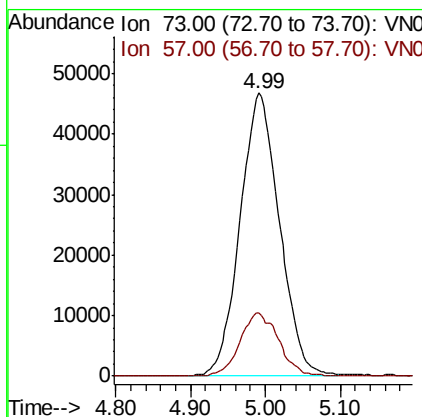
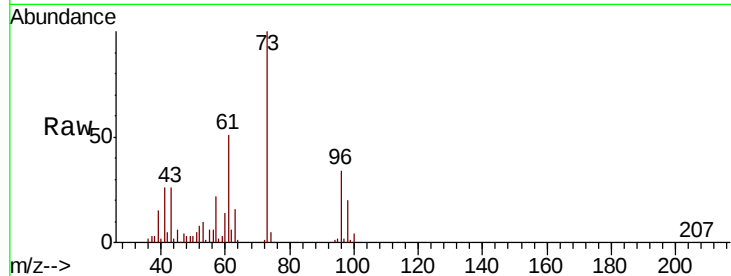




#19
Methyl tert-butyl Ether
Concen: 17.354 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

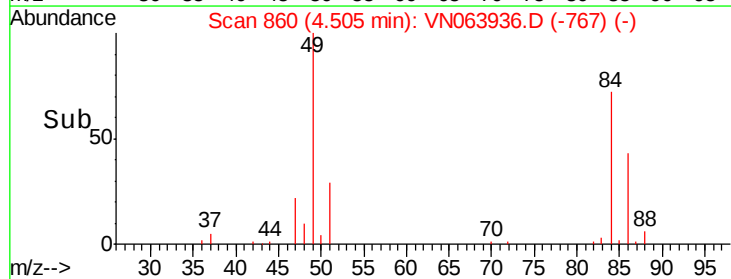
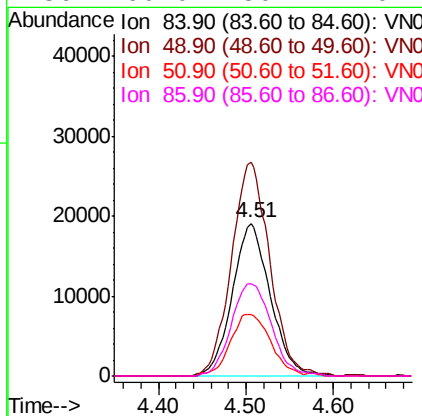
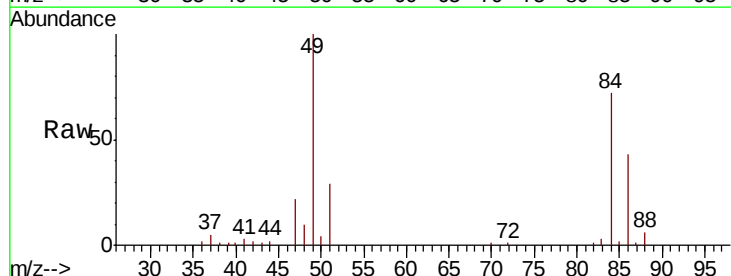
Instrument :
MSVOA_N
ClientSampled :
VN1007WBS01

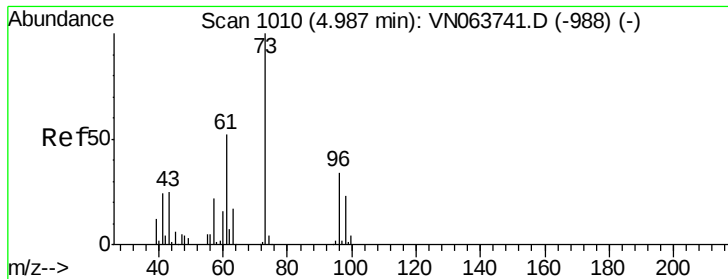
Tot Ion: 73 Resp: 171271
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4



#20
Methylene Chloride
Concen: 18.386 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion: 84 Resp: 57582
Ion Ratio Lower Upper
84 100
49 139.6 110.4 165.6
51 40.0 33.3 49.9
86 60.0 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 16.706 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

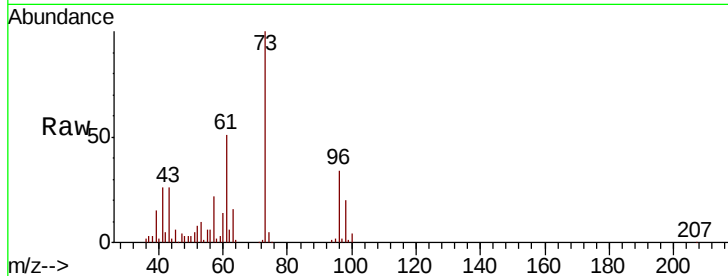
Tot Ion: 96 Resp: 50833

Ion Ratio Lower Upper

96 100

61 149.5 120.2 180.2

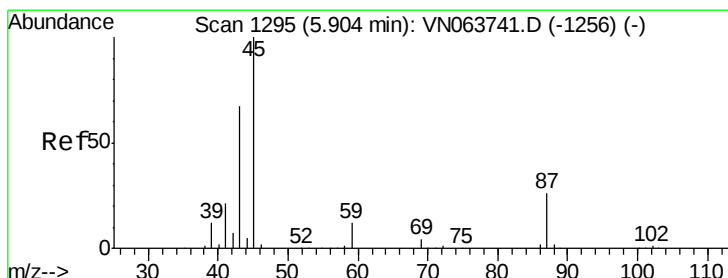
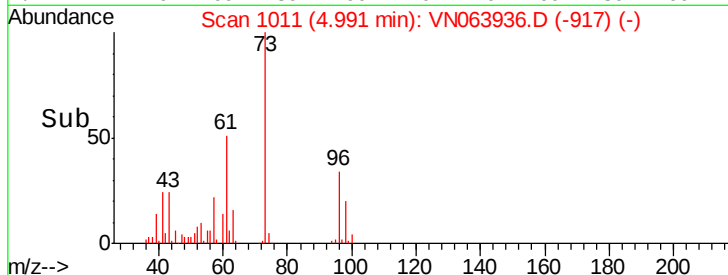
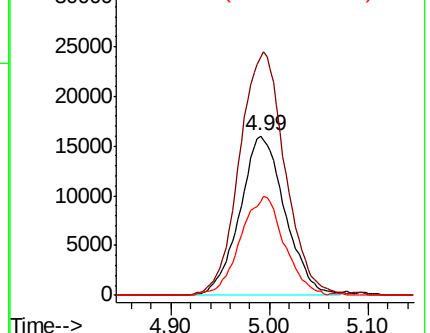
98 58.9 52.6 79.0



Abundance Ion 95.90 (95.60 to 96.60): VN063936.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN063936.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN063936.D (-917) (-)



#22

Diisopropyl ether

Concen: 18.674 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Tgt Ion: 45 Resp: 193906

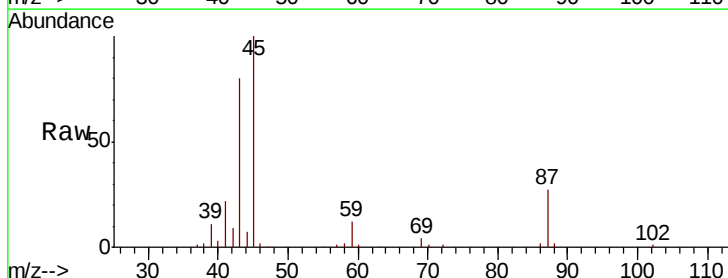
Ion Ratio Lower Upper

45 100

43 77.7 53.7 80.5

87 27.5 21.1 31.7

59 11.9 9.2 13.8

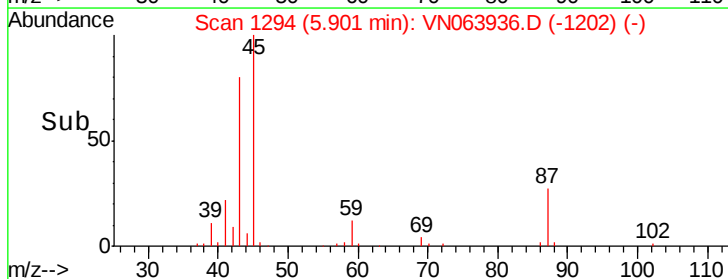
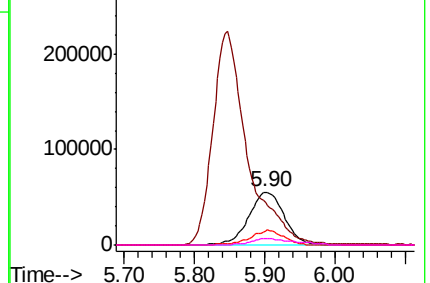


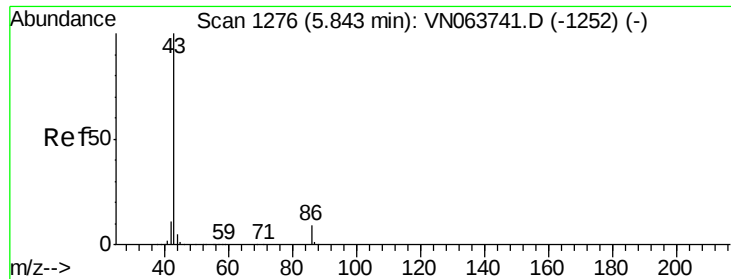
Abundance Ion 45.00 (44.70 to 45.70): VN063936.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN063936.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN063936.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN063936.D (-1202) (-)

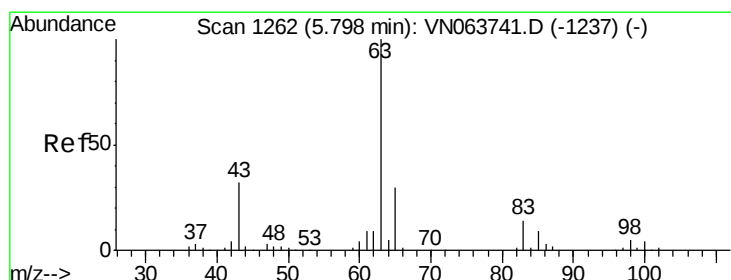
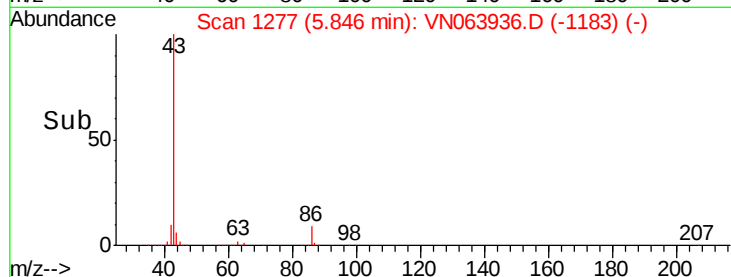
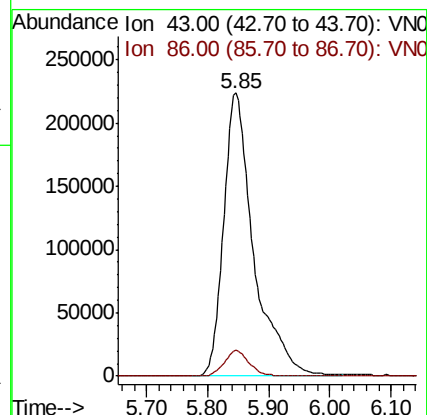
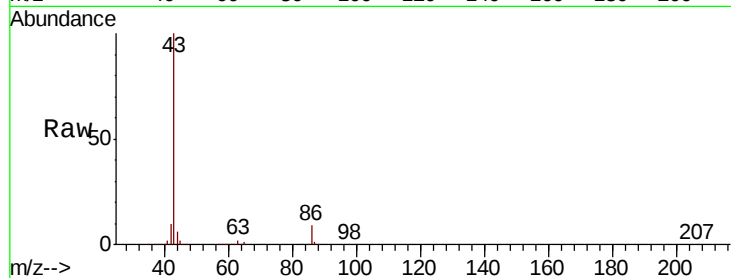




#23
 Vinyl Acetate
 Concen: 89.240 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

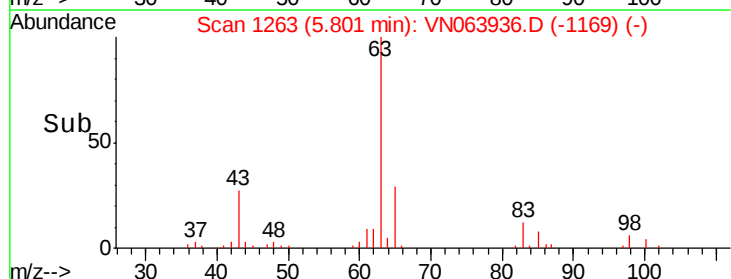
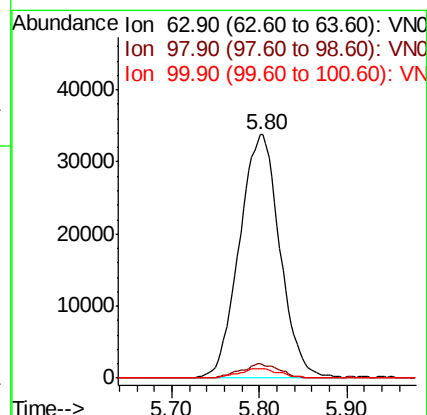
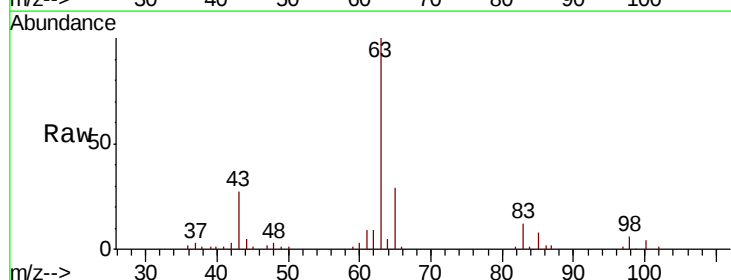
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

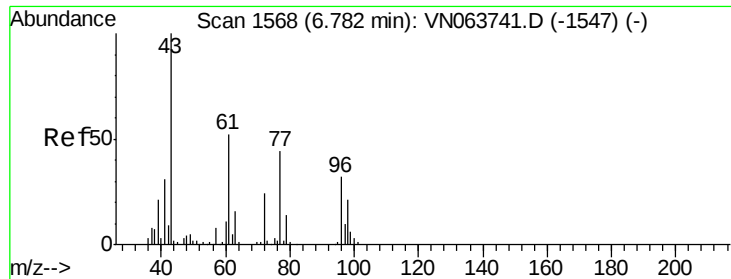
Tot Ion: 43 Resp: 767583
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 18.268 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion: 63 Resp: 108458
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.7 8.1
 100 3.8 1.9 5.7

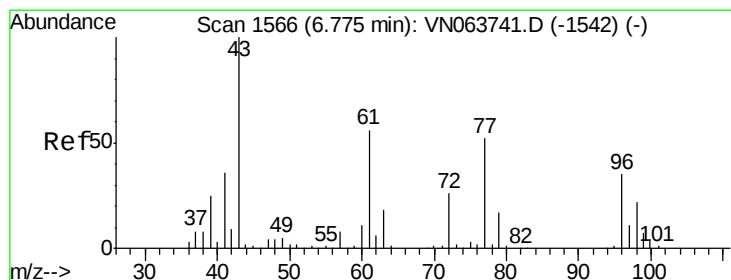
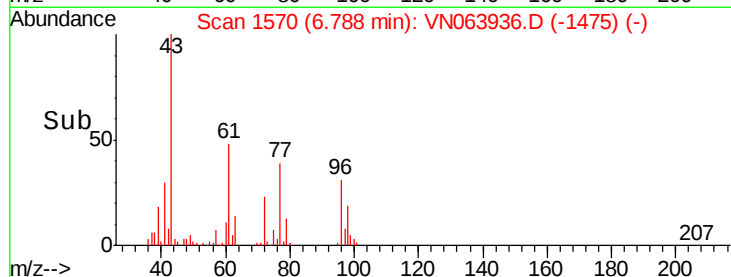
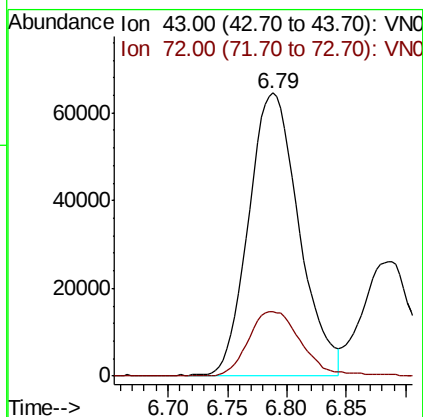
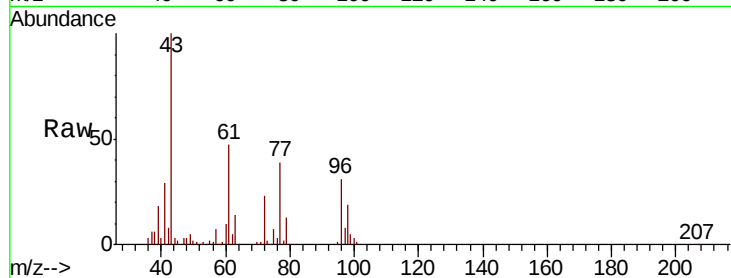




#25
2-Butanone
Concen: 96.731 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

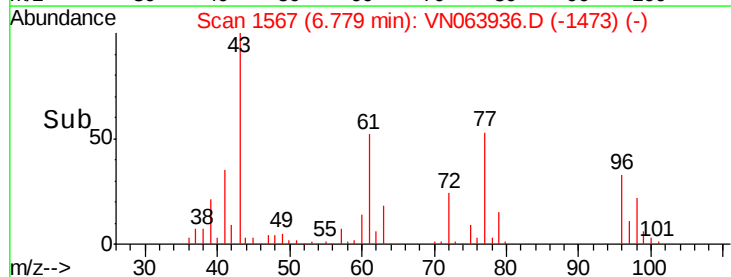
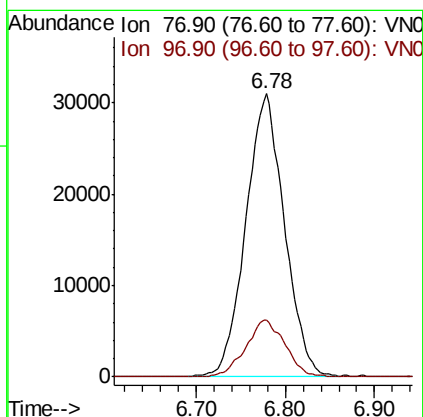
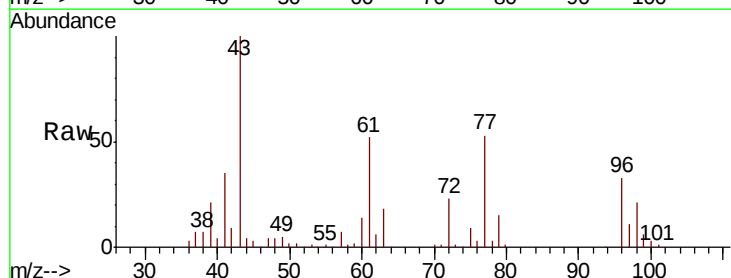
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

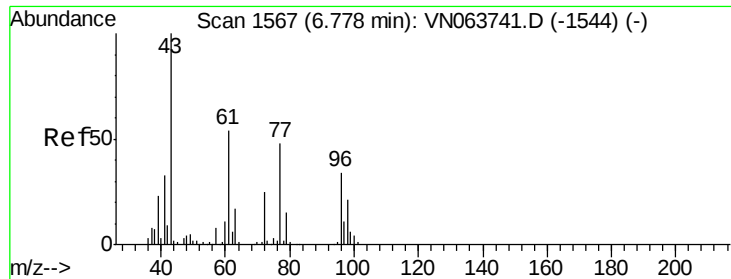
Tot Ion: 43 Resp: 188150
Ion Ratio Lower Upper
43 100
72 22.7 19.3 28.9



#26
2,2-Dichloropropane
Concen: 17.209 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion: 77 Resp: 93567
Ion Ratio Lower Upper
77 100
97 20.4 10.8 32.3

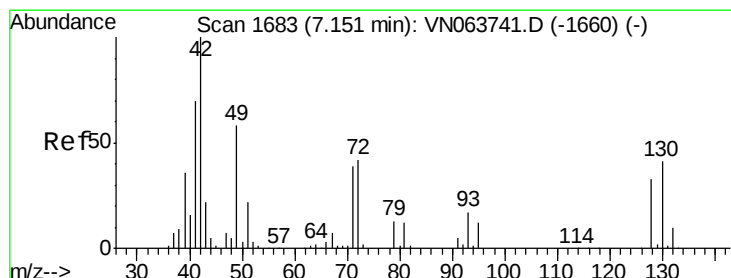
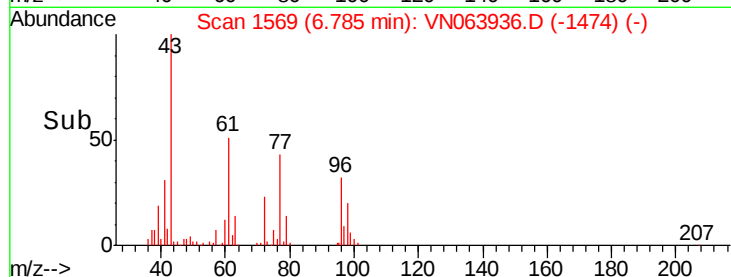
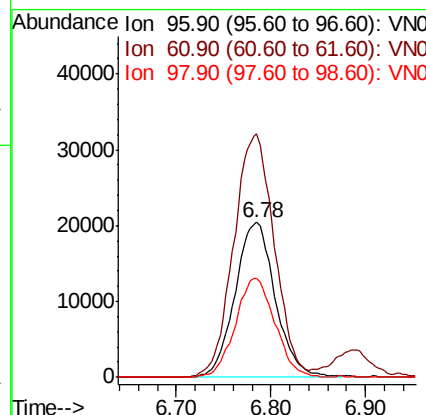
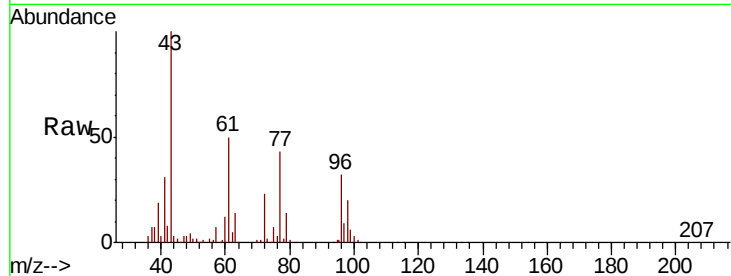




#27
 cis-1,2-Dichloroethene
 Concen: 17.214 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

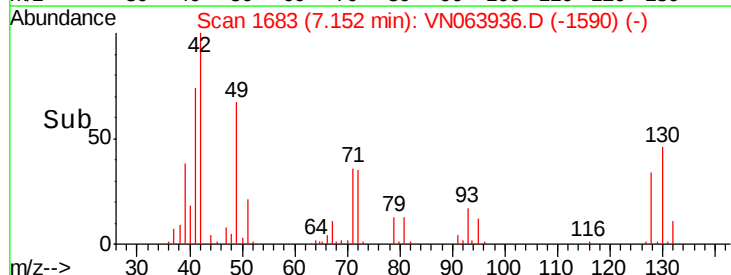
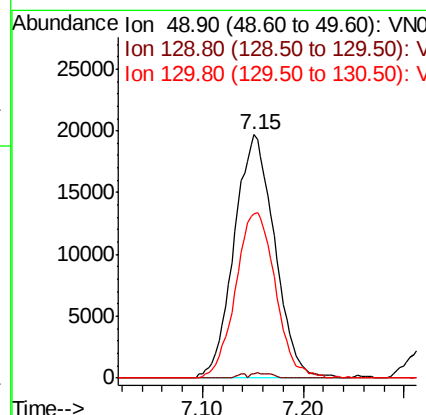
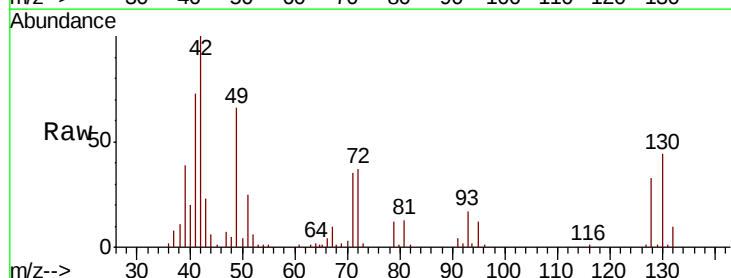
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

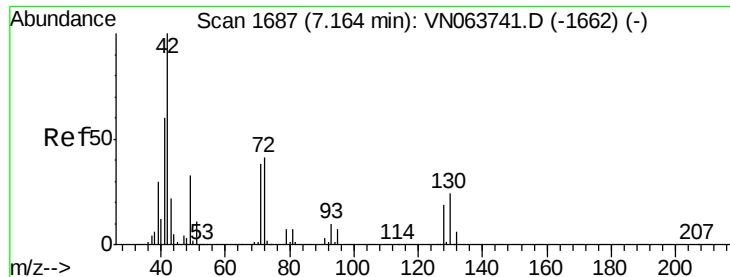
Tot Ion: 96 Resp: 60241
 Ion Ratio Lower Upper
 96 100
 61 158.2 0.0 321.2
 98 62.7 0.0 124.4



#28
 Bromochloromethane
 Concen: 18.685 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion: 49 Resp: 54830
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.8
 130 66.7 55.6 83.4

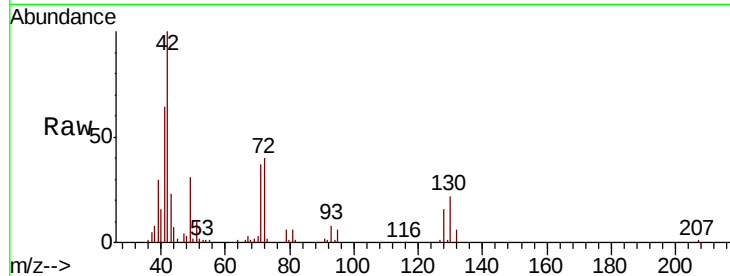




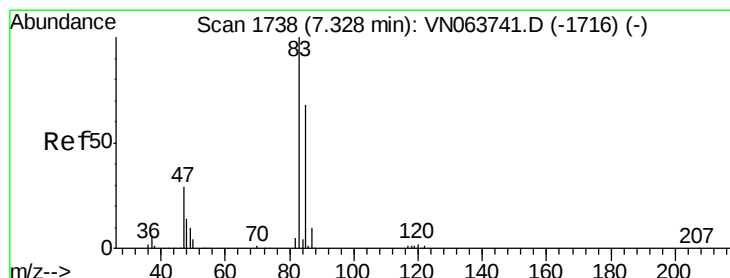
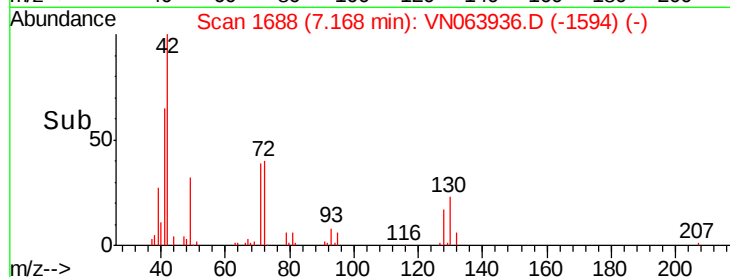
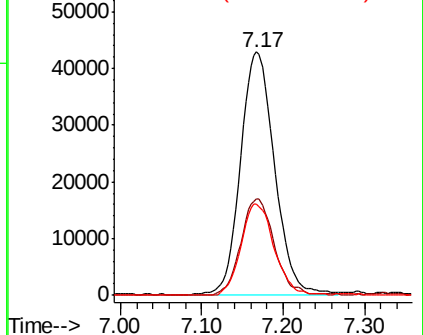
#29
Tetrahydrofuran
Concen: 95.365 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

Tot Ion: 42 Resp: 124410
Ion Ratio Lower Upper
42 100
72 38.6 32.8 49.2
71 36.4 30.6 45.8

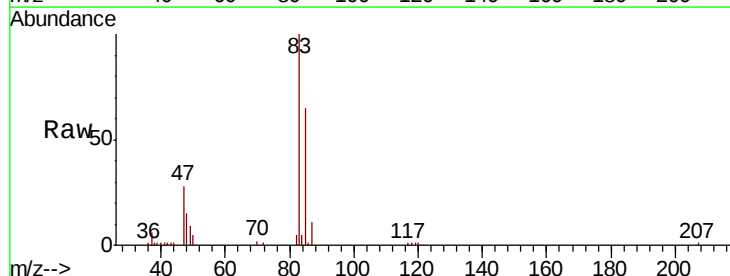


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

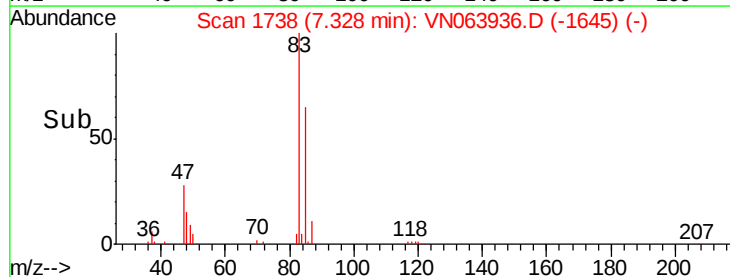
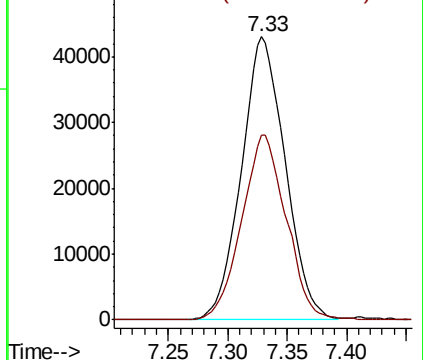


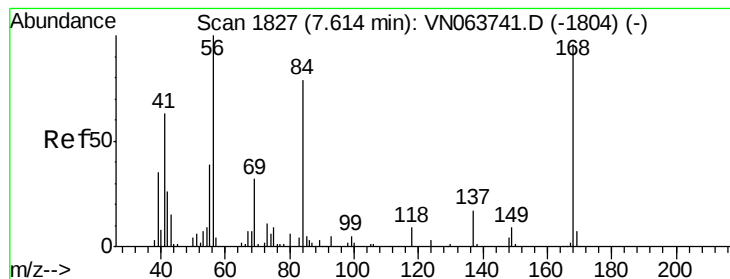
#30
Chloroform
Concen: 17.711 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion: 83 Resp: 109639
Ion Ratio Lower Upper
83 100
85 65.4 54.6 82.0



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





#31

Cyclohexane

Concen: 16.521 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

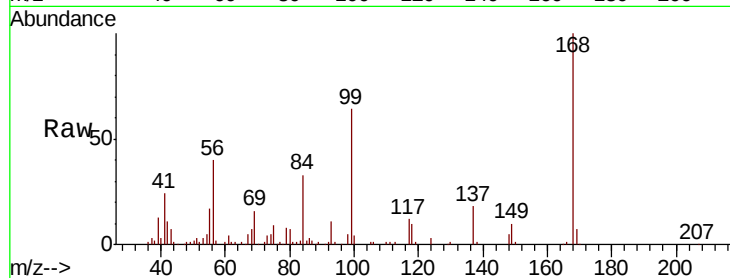
Tot Ion: 56 Resp: 85480

Ion Ratio Lower Upper

56 100

69 40.1 25.4 38.2#

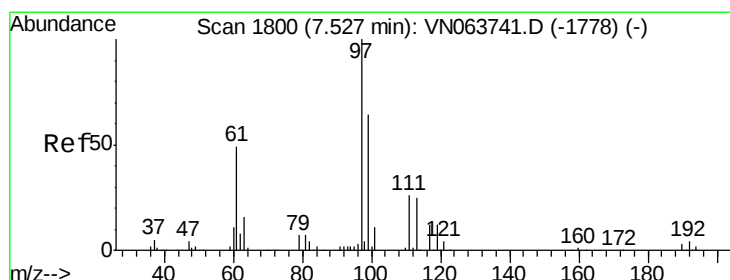
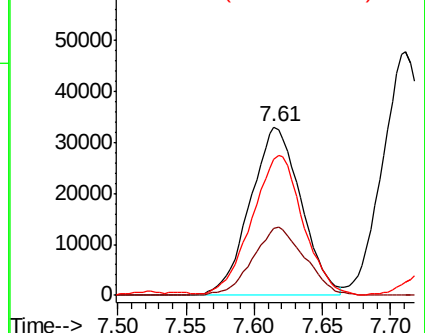
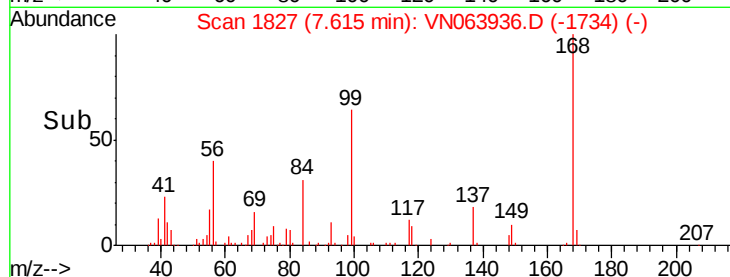
84 79.5 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063936.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063936.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063936.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 17.397 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

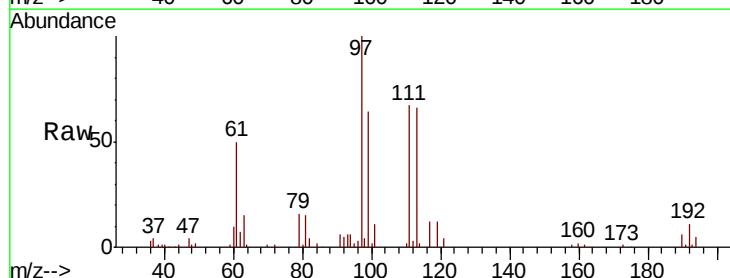
Tgt Ion: 97 Resp: 97138

Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.6

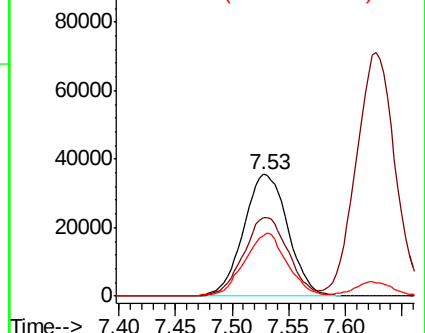
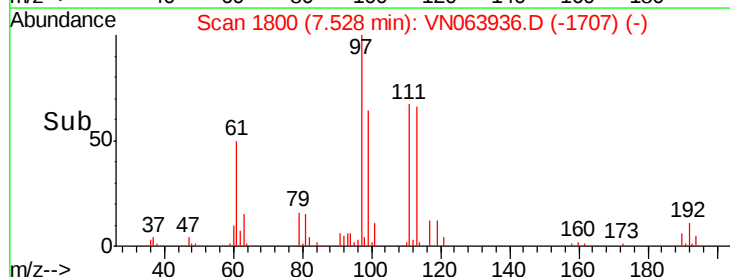
61 49.3 38.7 58.1

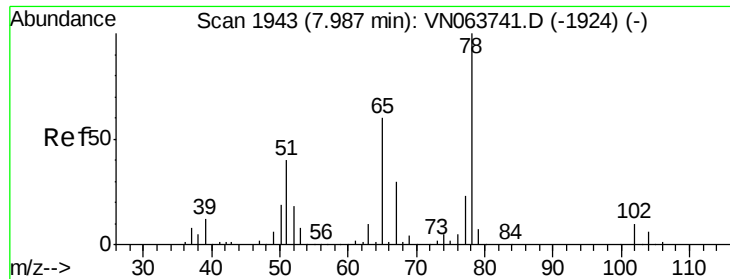


Abundance Ion 96.90 (96.60 to 97.60): VN063936.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063936.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063936.D (-1707) (-)

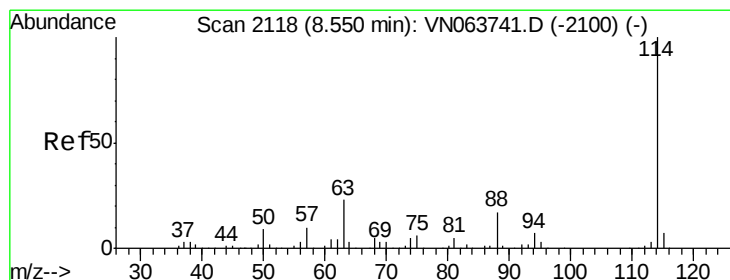
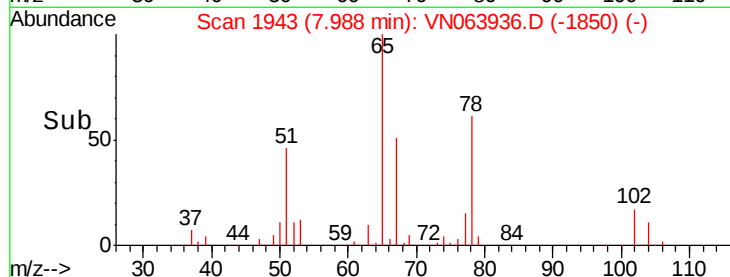
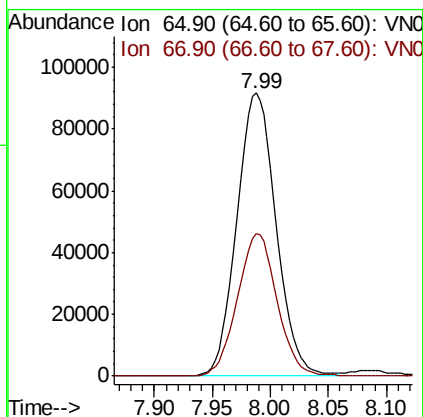
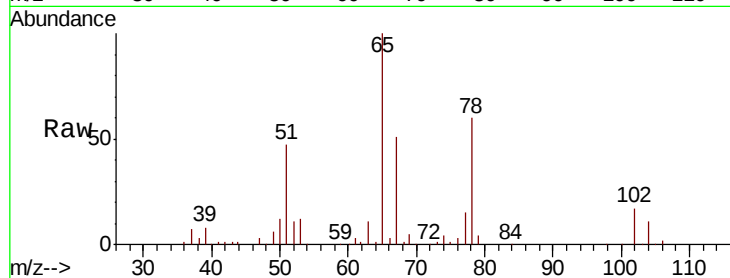




#33
 1,2-Dichloroethane-d4
 Concen: 48.389 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

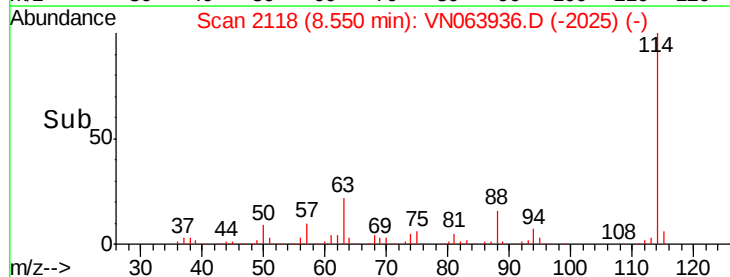
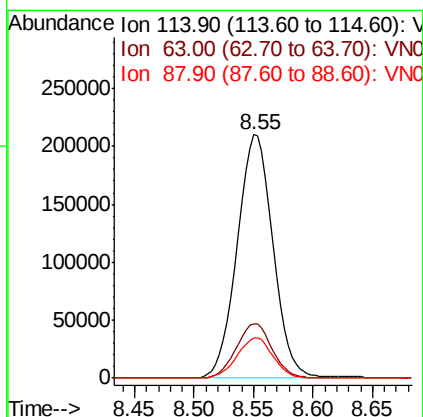
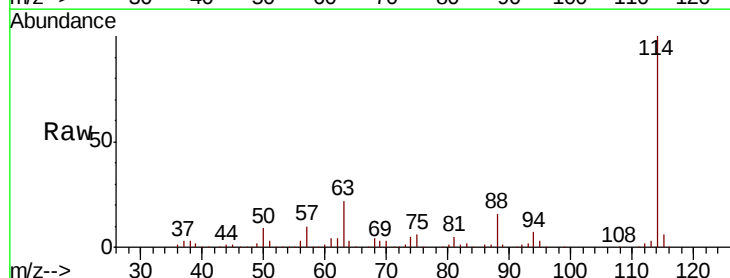
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

Tot Ion: 65 Resp: 215663
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion: 114 Resp: 438723
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.0
 88 16.3 0.0 34.0

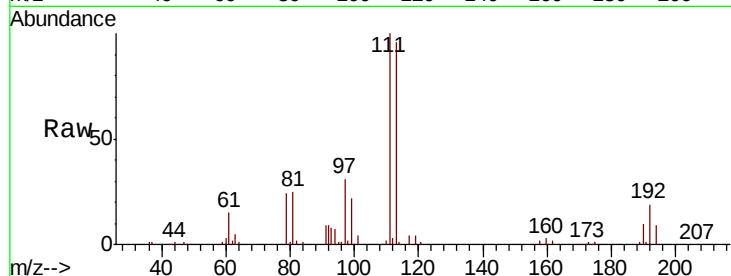




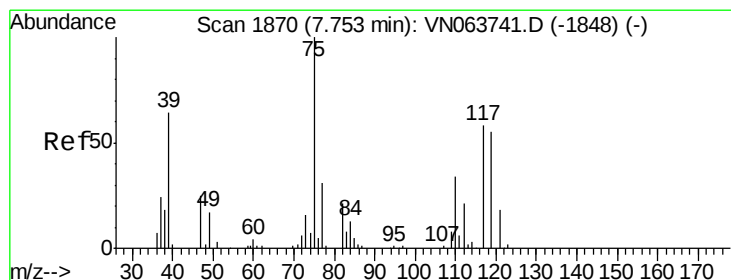
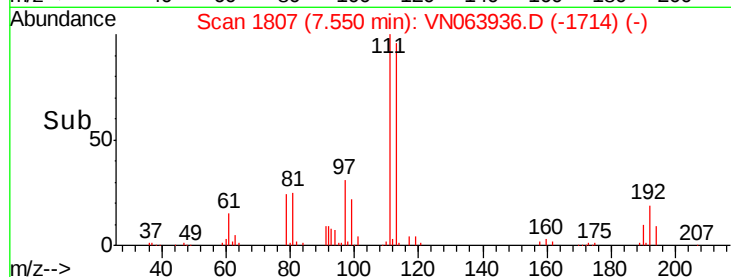
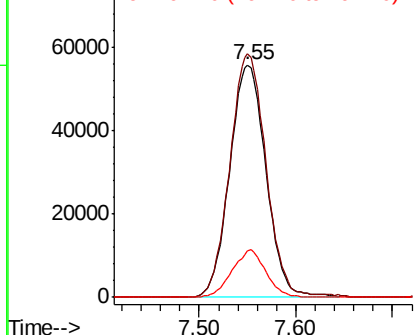
#35
 Dibromofluoromethane
 Concen: 47.978 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

Tot Ion:113 Resp: 146053
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.8
 192 18.8 14.2 21.2

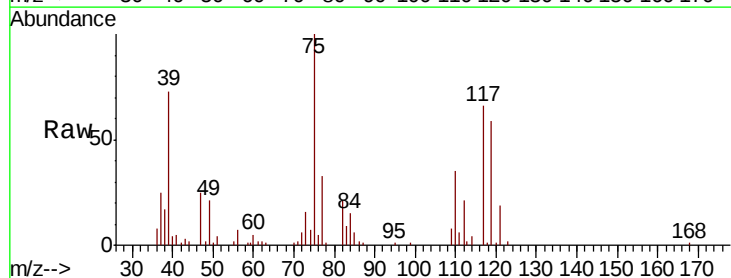


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

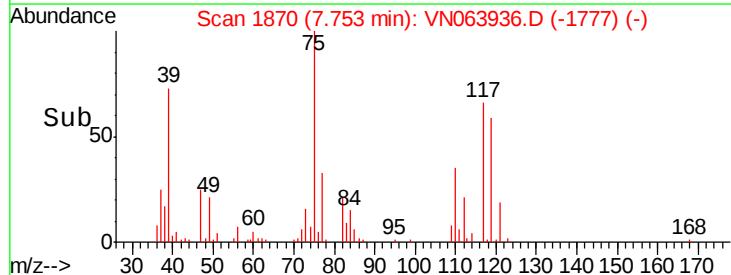
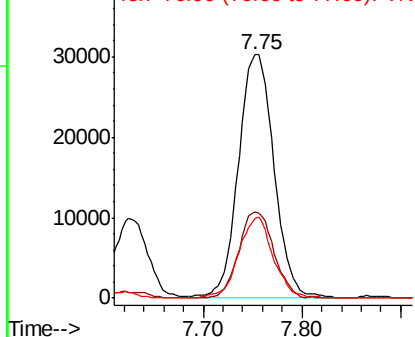


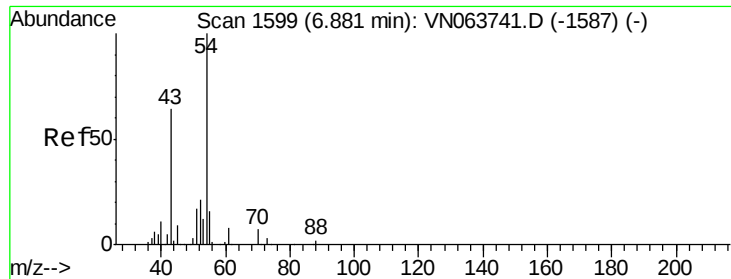
#36
 1,1-Dichloropropene
 Concen: 17.061 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion: 75 Resp: 75831
 Ion Ratio Lower Upper
 75 100
 110 34.6 16.9 50.6
 77 32.0 24.5 36.7



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

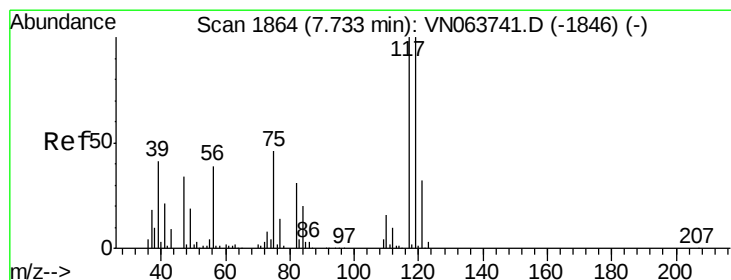
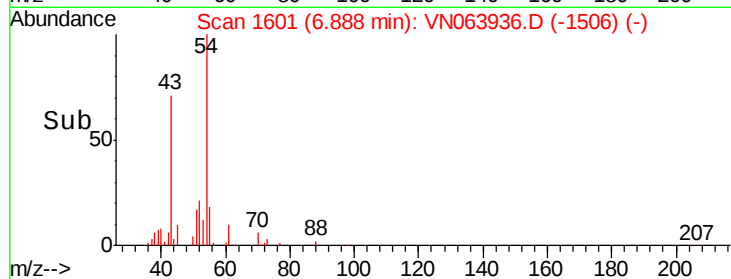
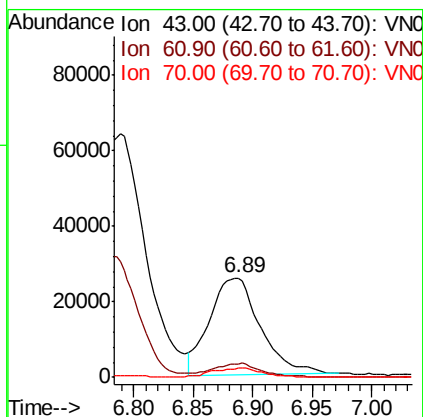
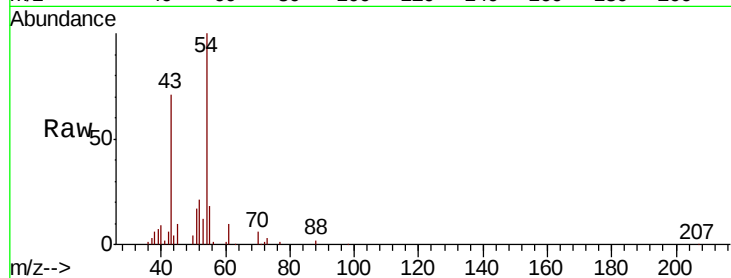




#37
Ethyl Acetate
Concen: 17.244 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

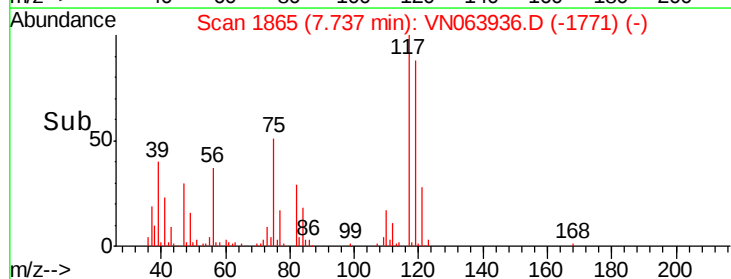
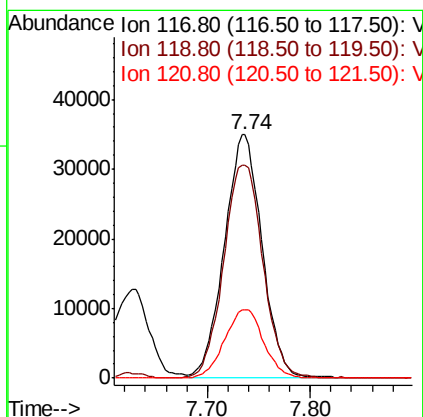
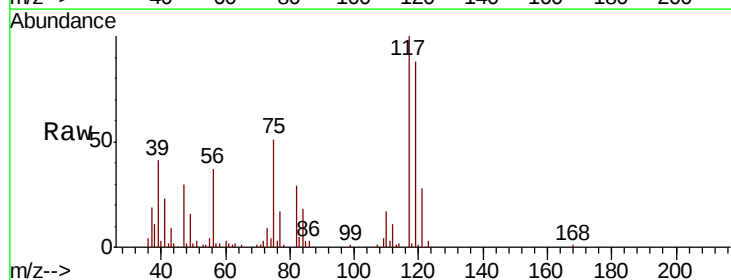
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

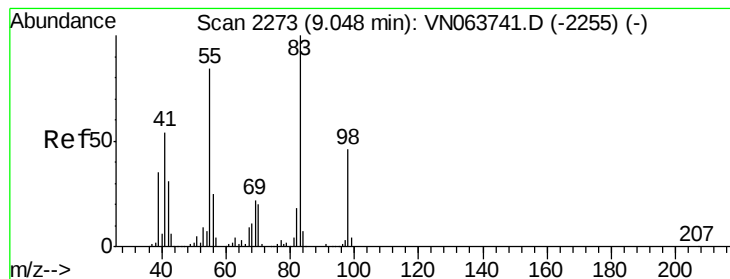
Tot Ion: 43 Resp: 76146
Ion Ratio Lower Upper
43 100
61 11.1 10.4 15.6
70 9.2 7.3 10.9



#38
Carbon Tetrachloride
Concen: 17.843 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion: 117 Resp: 88932
Ion Ratio Lower Upper
117 100
119 87.5 80.1 120.1
121 28.2 25.7 38.5





#39

Methvlcvclohexane

Concen: 15.553 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

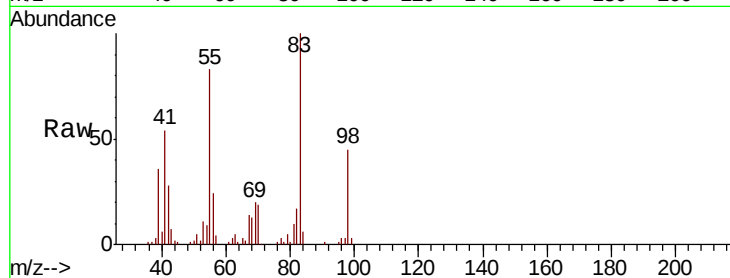
Tot Ion: 83 Resp: 68938

Ion Ratio Lower Upper

83 100

55 82.5 67.1 100.7

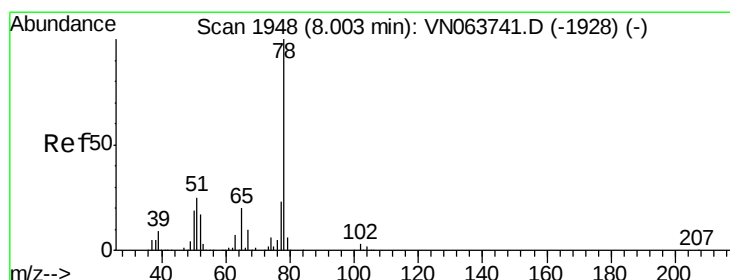
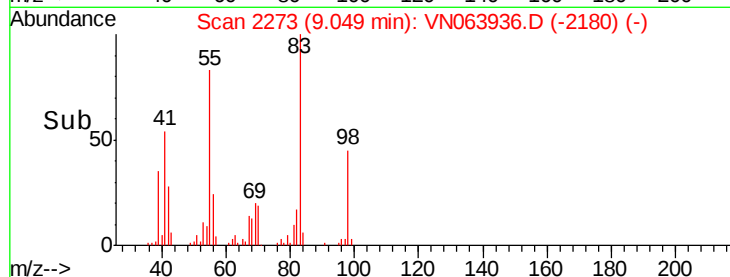
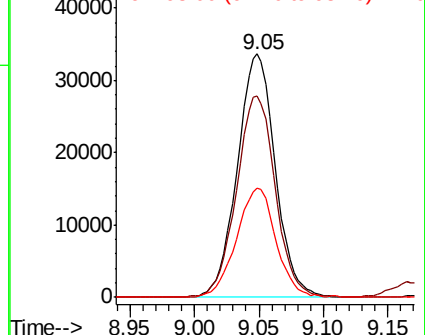
98 44.9 36.6 54.8



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: 17.689 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063936.D

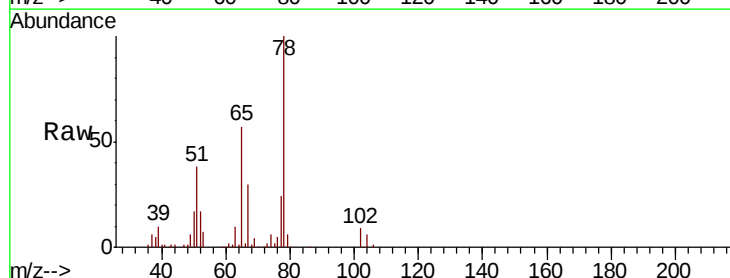
Acq: 7 Oct 2020 11:44

Tgt Ion: 78 Resp: 224560

Ion Ratio Lower Upper

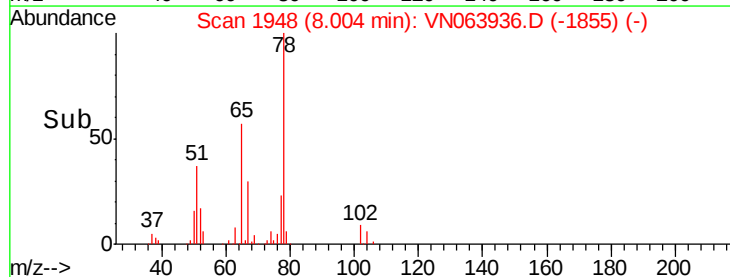
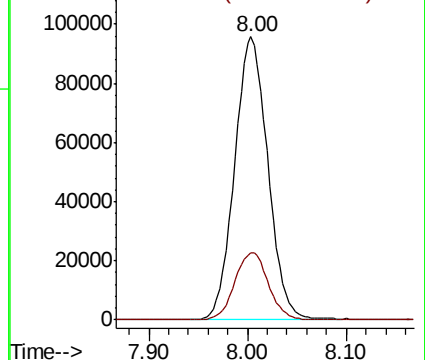
78 100

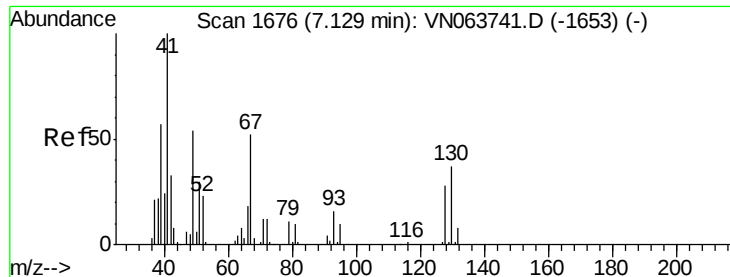
77 23.8 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

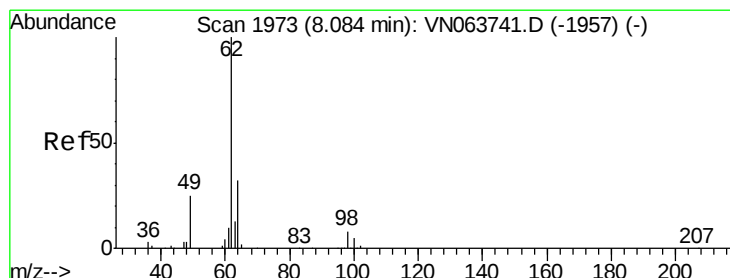
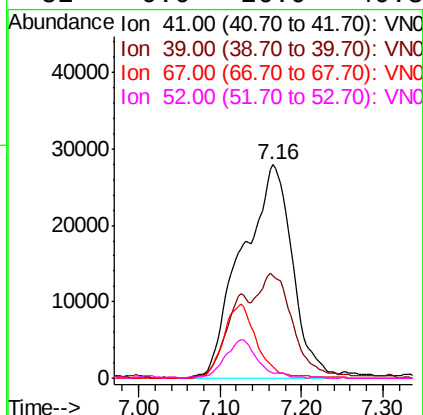
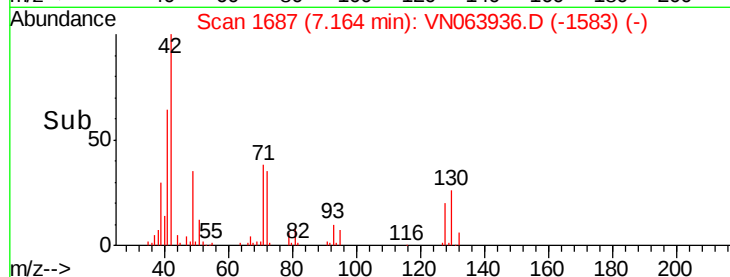
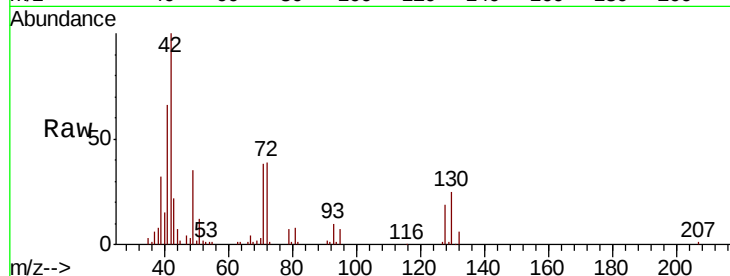




#41
Methacrylonitrile
Concen: 61.424 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

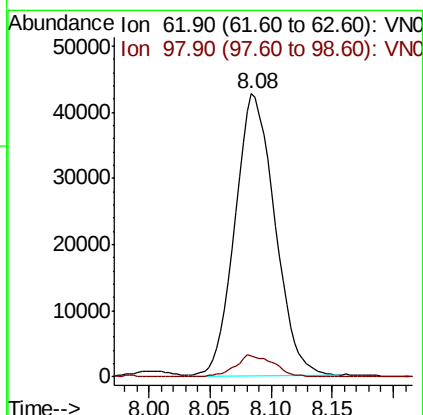
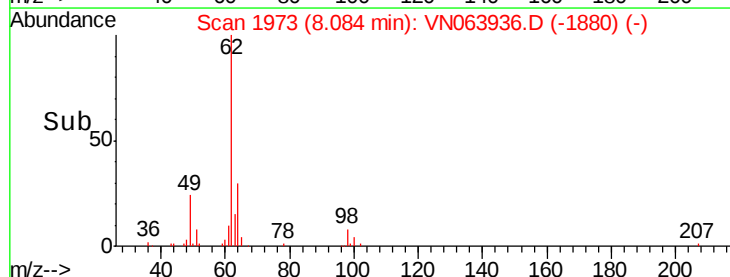
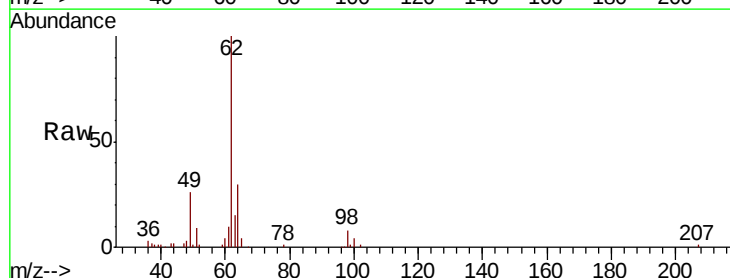
Instrument :
MSVOA_N
ClientSampled :
VN1007WBS01

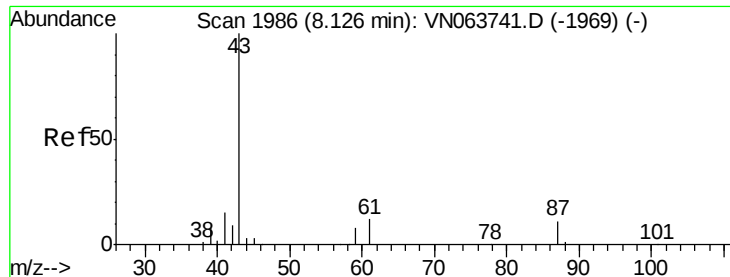
Tot Ion: 41 Resp: 120550
Ion Ratio Lower Upper
41 100
39 0.0 42.5 63.7#
67 0.0 57.4 86.2#
52 0.0 26.9 40.3#



#42
1,2-Dichloroethane
Concen: 17.841 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion: 62 Resp: 96684
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.0





#43

Isopropyl Acetate

Concen: 18.554 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

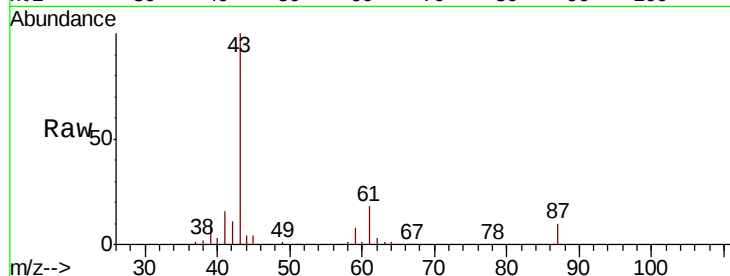
Tot Ion: 43 Resp: 135145

Ion Ratio Lower Upper

43 100

61 23.4 14.2 21.4#

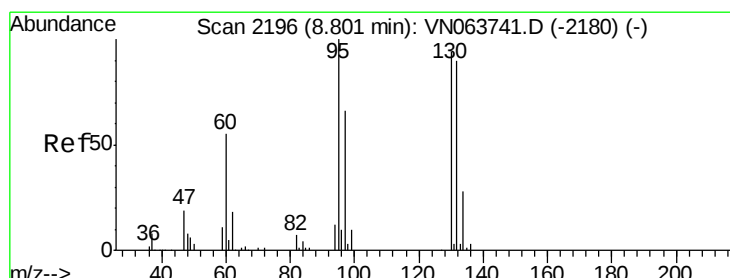
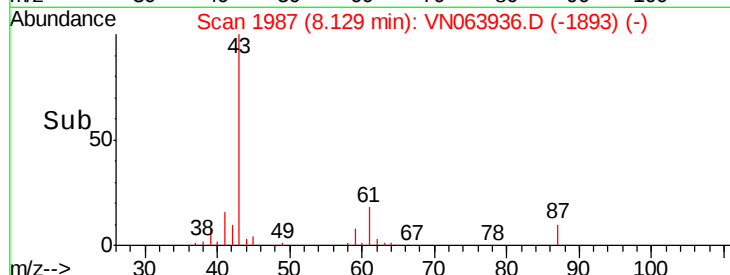
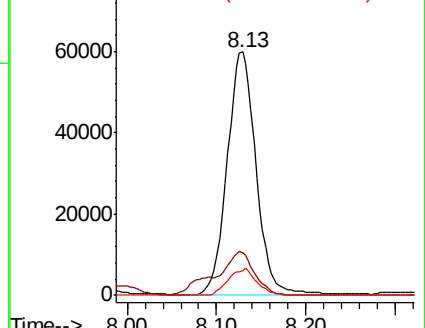
87 10.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063936.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN063936.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN063936.D (-2103) (-)



#44

Trichloroethene

Concen: 17.136 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063936.D

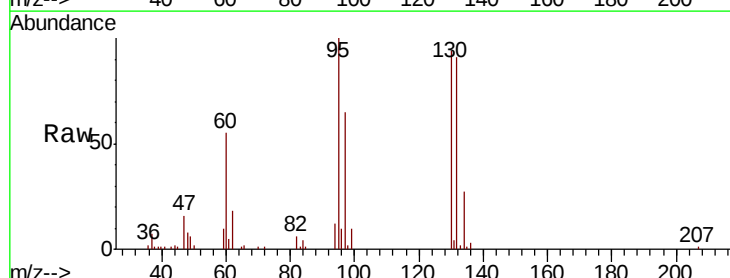
Acq: 7 Oct 2020 11:44

Tgt Ion:130 Resp: 56999

Ion Ratio Lower Upper

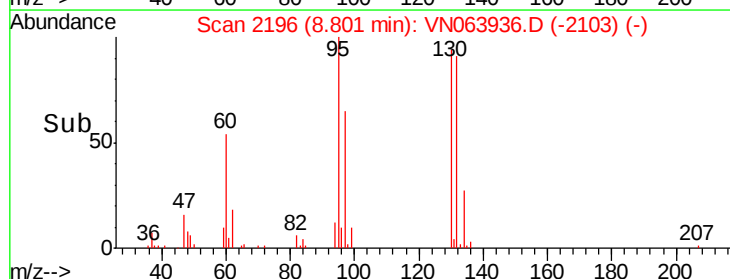
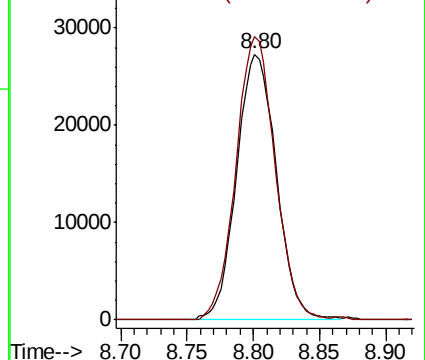
130 100

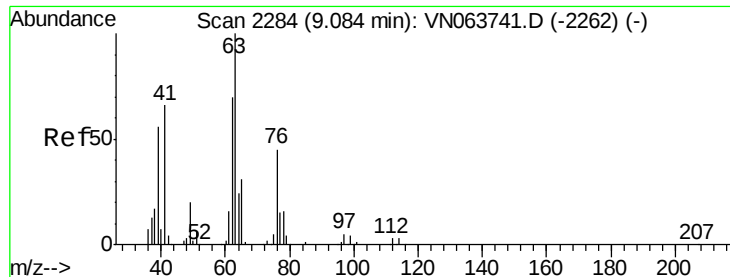
95 106.5 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063936.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063936.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 17.704 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

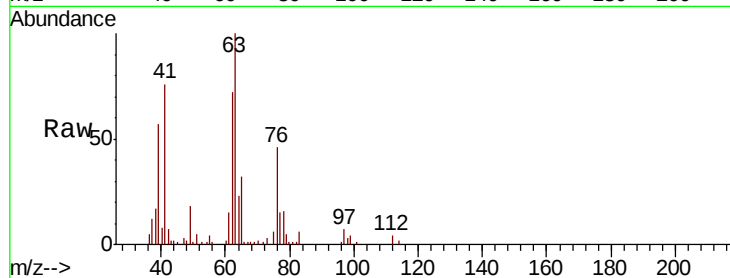
VN1007WBS01

Tot Ion: 63 Resp: 60698

Ion Ratio Lower Upper

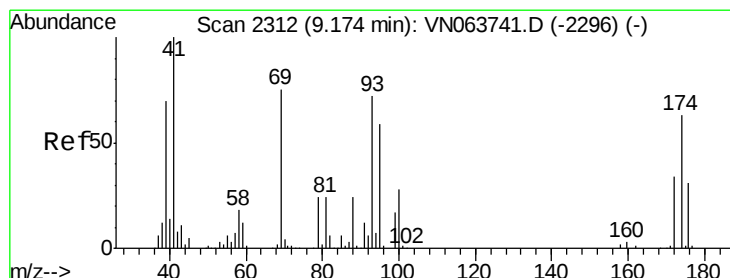
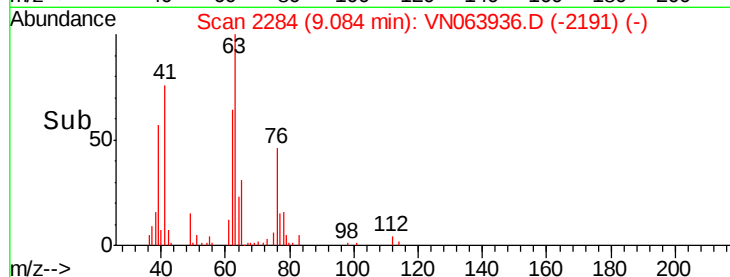
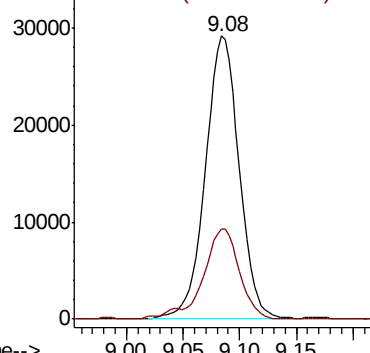
63 100

65 31.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 17.664 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

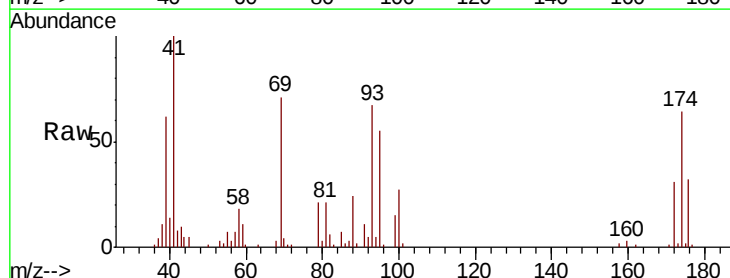
Tgt Ion: 93 Resp: 41778

Ion Ratio Lower Upper

93 100

95 82.5 66.3 99.5

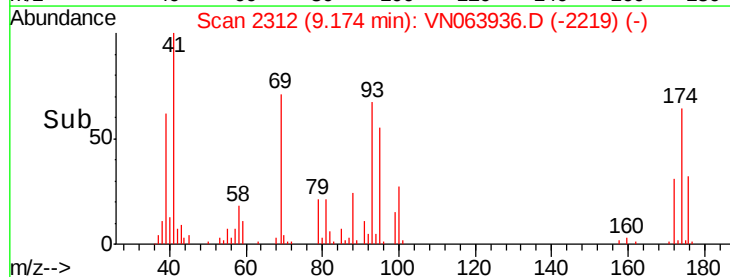
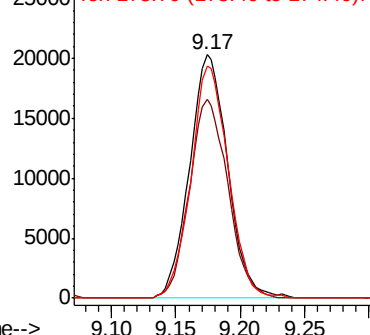
174 93.3 72.7 109.1



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

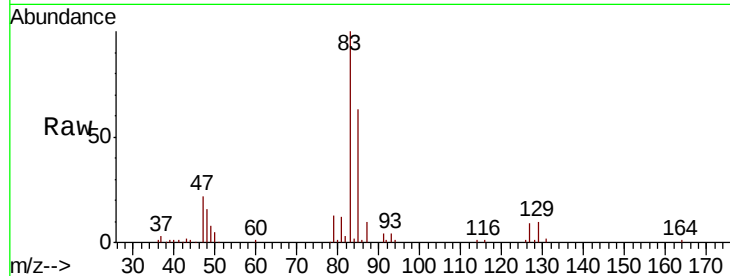




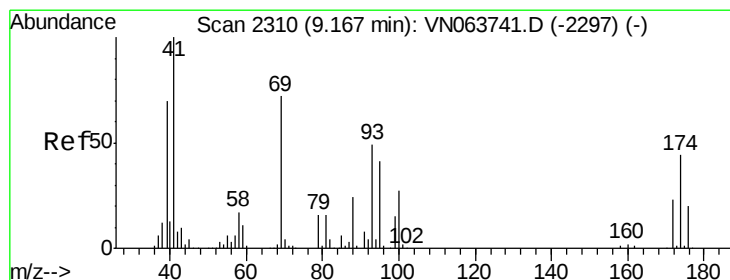
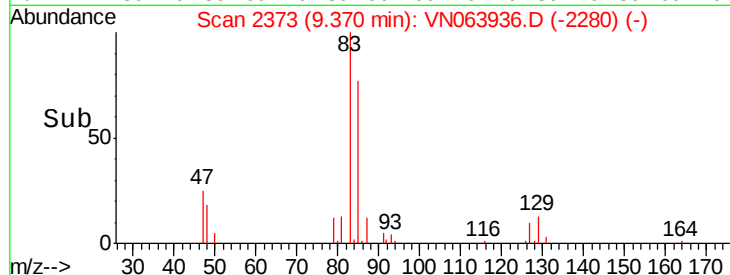
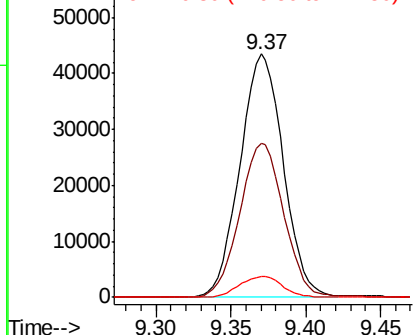
#47
 Bromodichloromethane
 Concen: 17.956 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

Tot Ion: 83 Resp: 87529
 Ion Ratio Lower Upper
 83 100
 85 63.2 50.6 75.8
 127 8.6 6.6 9.8

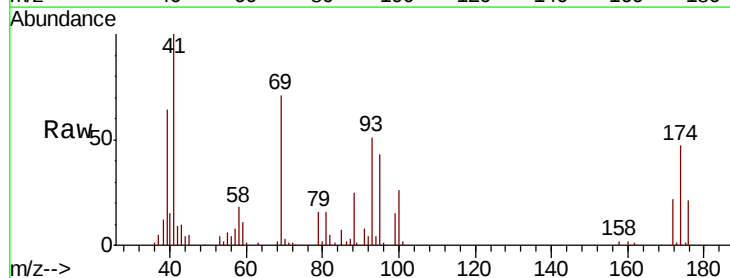


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

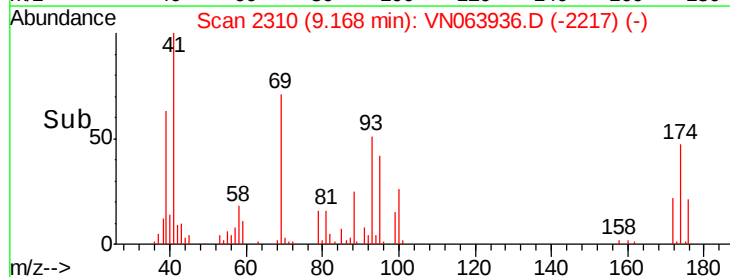
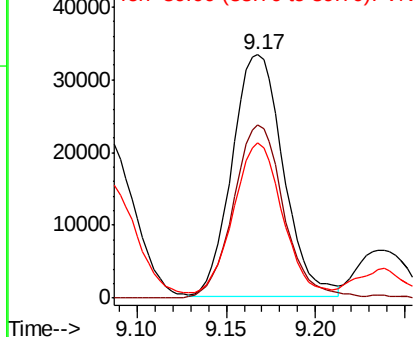


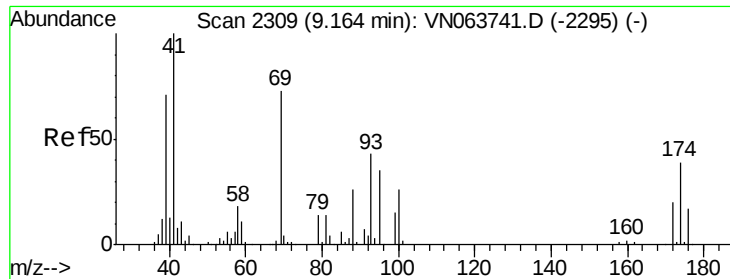
#48
 Methyl methacrylate
 Concen: 18.539 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion: 41 Resp: 66716
 Ion Ratio Lower Upper
 41 100
 69 70.2 60.9 91.3
 39 61.2 57.5 86.3



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: 348.384 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

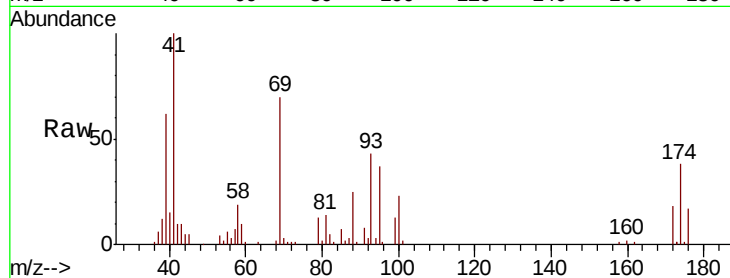
Tot Ion: 88 Resp: 17818

Ion Ratio Lower Upper

88 100

43 38.7 33.1 49.7

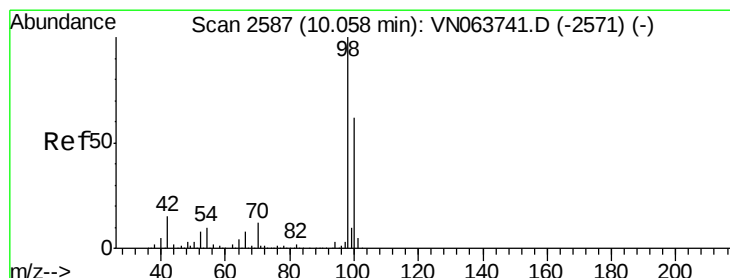
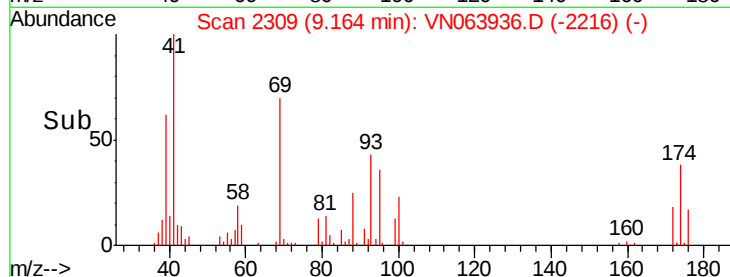
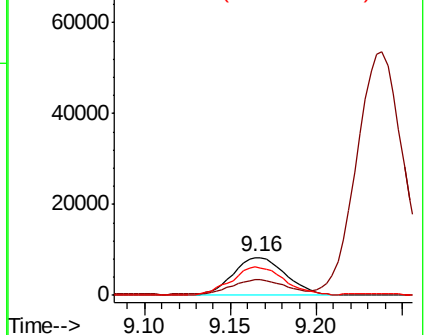
58 74.7 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063936.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN063936.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN063936.D (-2216) (-)



#50

Toluene-d8

Concen: 47.146 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063936.D

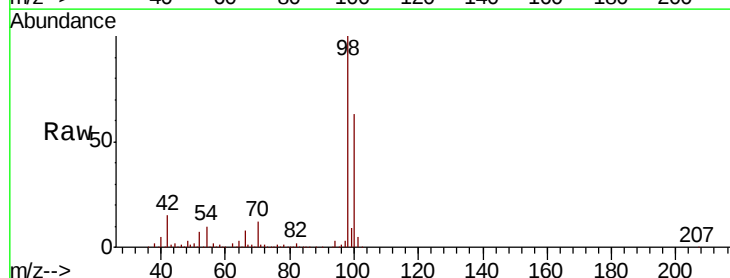
Acq: 7 Oct 2020 11:44

Tgt Ion: 98 Resp: 544070

Ion Ratio Lower Upper

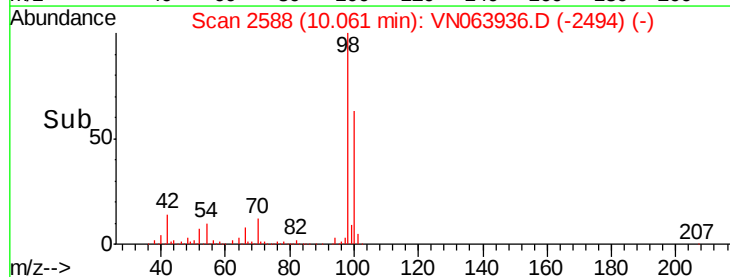
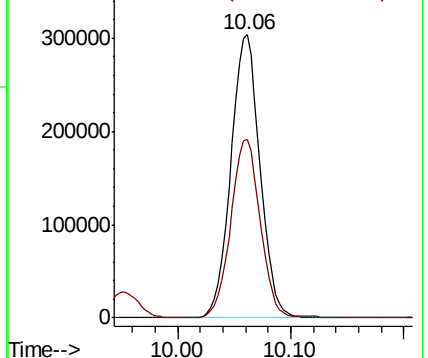
98 100

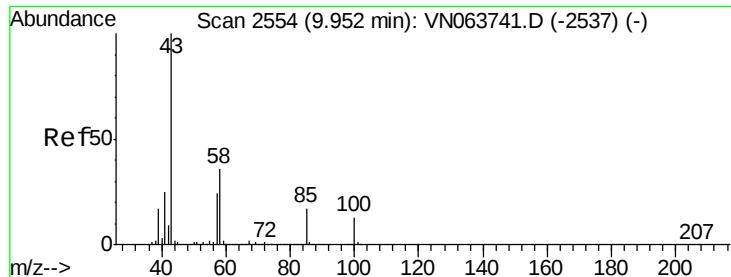
100 63.6 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063936.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063936.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 96.745 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

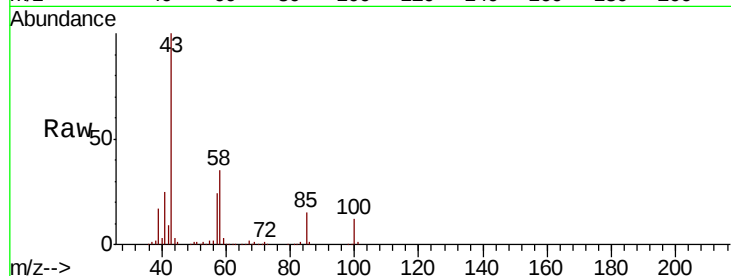
VN1007WBS01

Tot Ion: 43 Resp: 413532

Ion Ratio Lower Upper

43 100

58 34.7 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2537) (-)

9.95

250000

200000

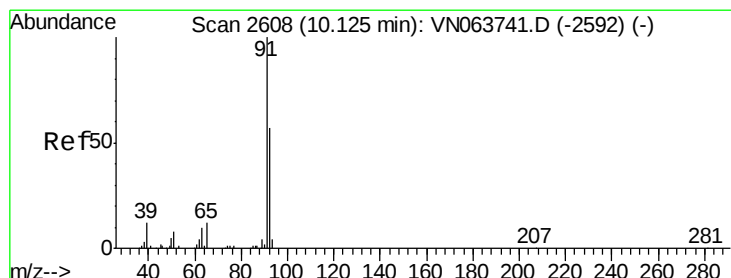
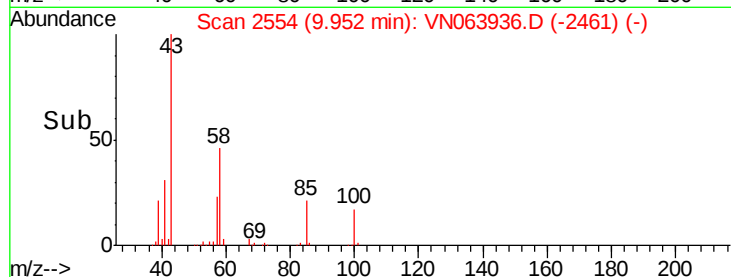
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.677 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063936.D

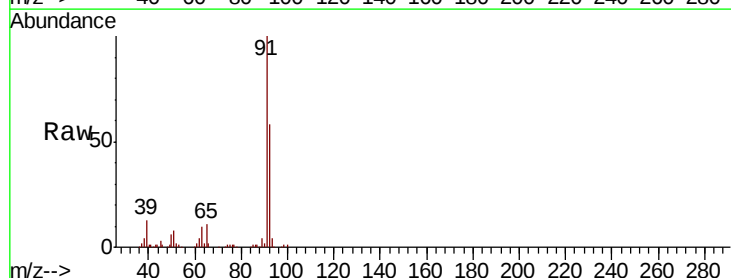
Acq: 7 Oct 2020 11:44

Tgt Ion: 92 Resp: 138811

Ion Ratio Lower Upper

92 100

91 174.0 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-2592) (-)

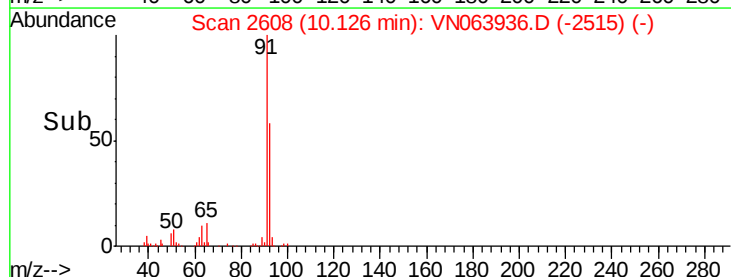
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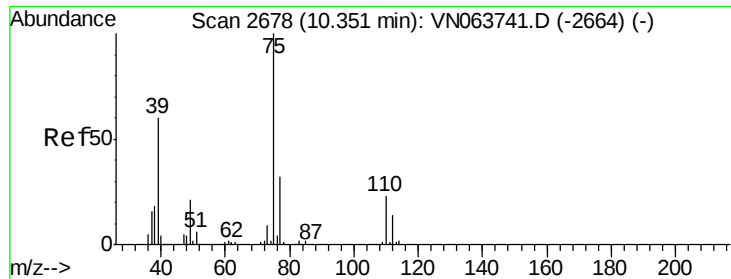
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.823 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

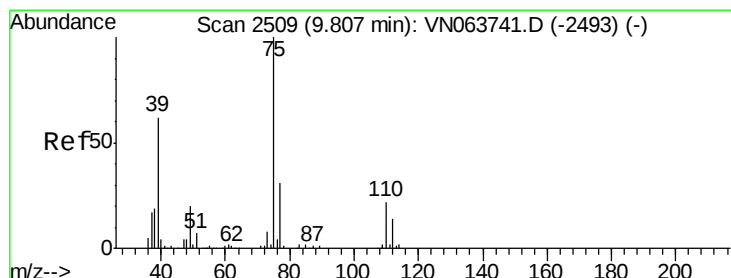
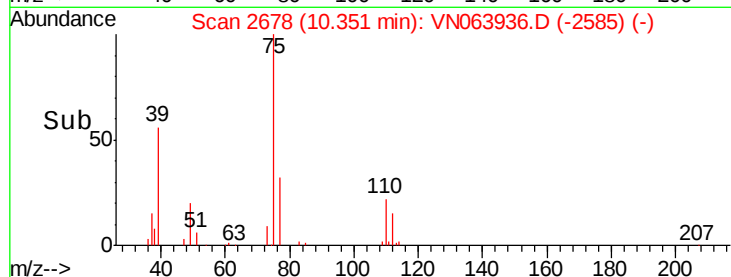
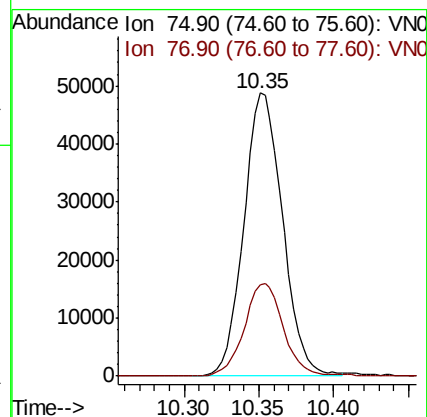
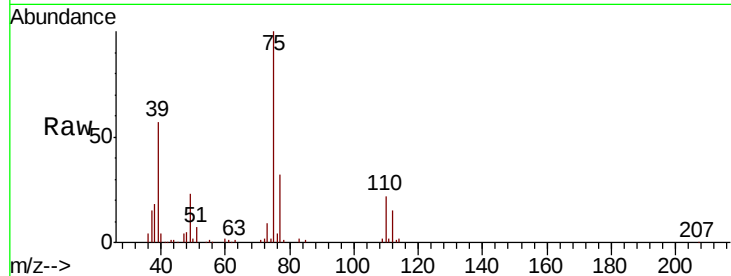
VN1007WBS01

Tot Ion: 75 Resp: 87901

Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 17.521 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

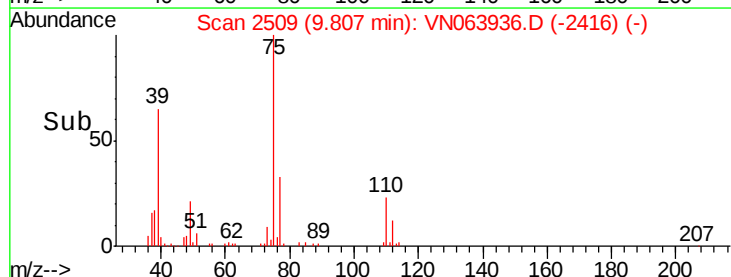
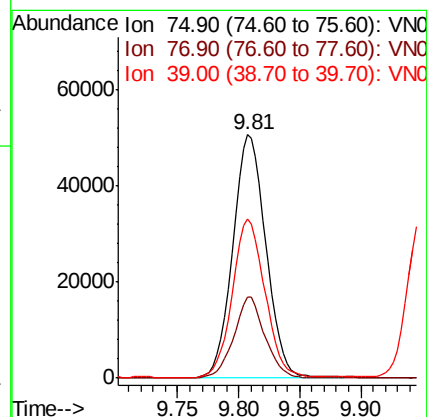
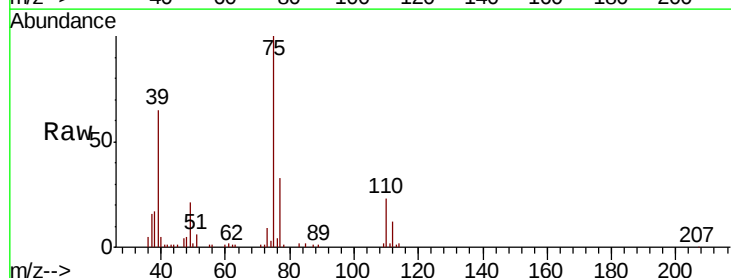
Tgt Ion: 75 Resp: 95745

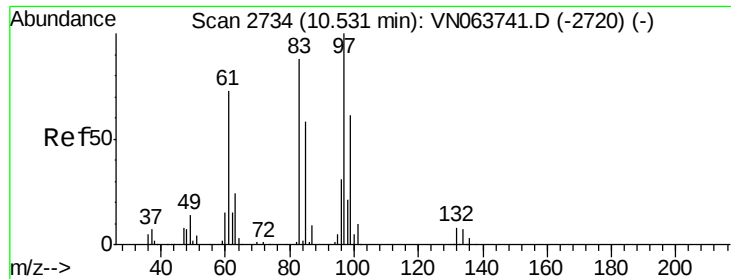
Ion Ratio Lower Upper

75 100

77 33.2 24.6 36.8

39 65.0 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 18.504 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

Tot Ion: 97 Resp: 58270

Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.7	106.1
85	59.6	46.1	69.1
99	63.3	48.8	73.2

Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

Time-->

10.53

30000

20000

10000

0

10.45 10.50 10.55 10.60

Time-->

10.45 10.50 10.55 10.60

Time-->

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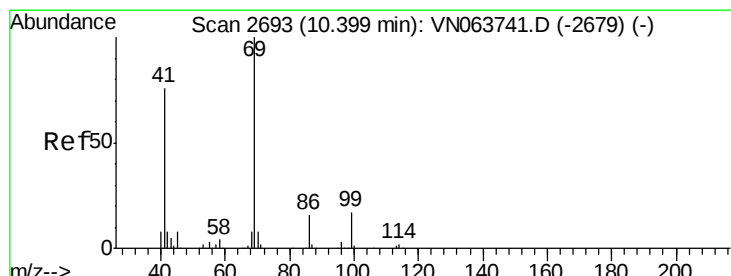
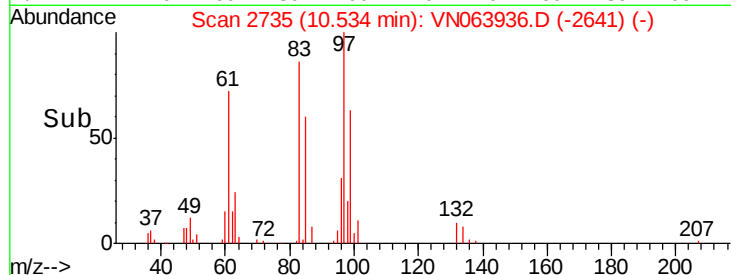
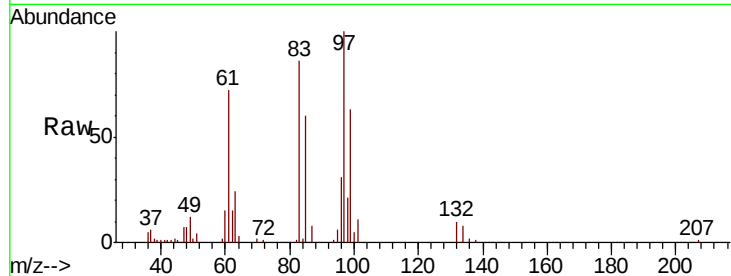
Time-->

Time-->

Time-->

Time-->

Time-->



#56

Ethyl methacrylate

Concen: 17.113 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Tgt Ion: 69 Resp: 76385

Ion	Ratio	Lower	Upper
69	100		
41	80.4	61.1	91.7
39	49.4	42.2	63.4

Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Time-->

10.40

60000

50000

40000

30000

20000

10000

0

10.30 10.40 10.50

Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

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Time-->

Time-->

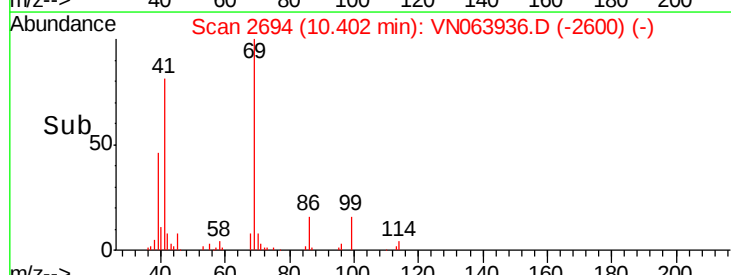
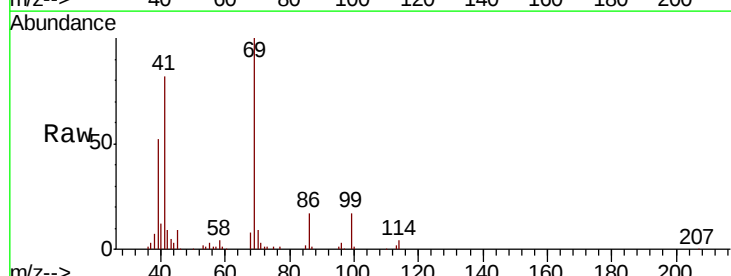
Time-->

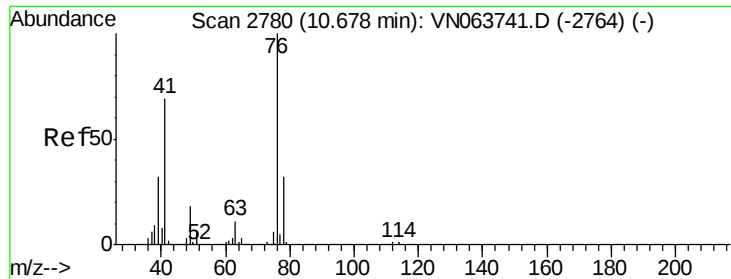
Time-->

Time-->

Time-->

Time-->

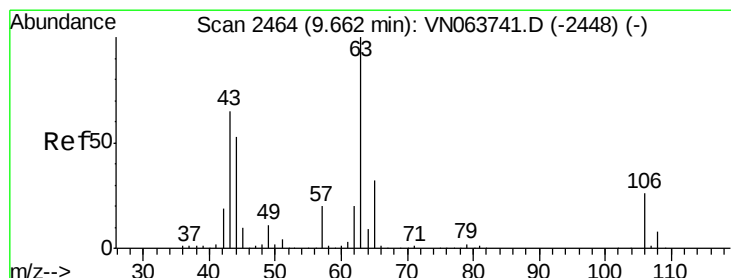
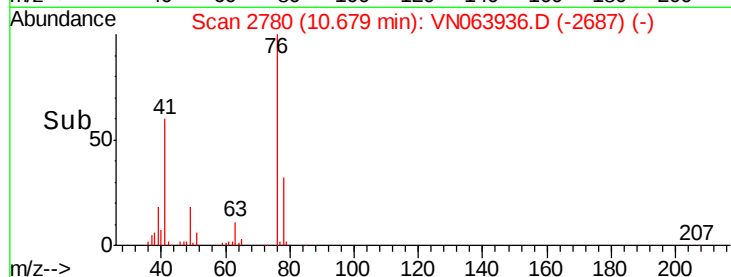
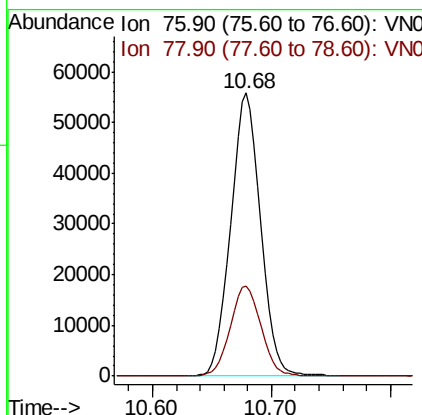
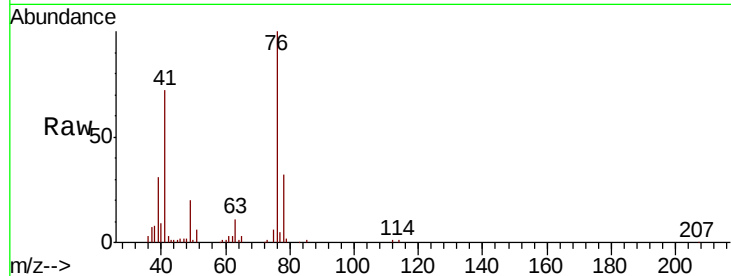




#57
 1,3-Dichloropropane
 Concen: 18.169 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

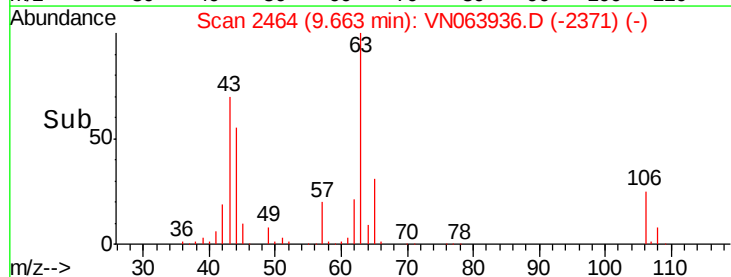
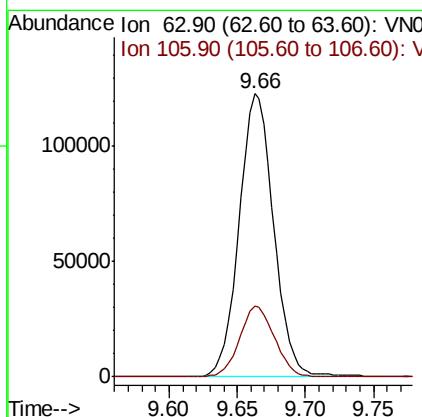
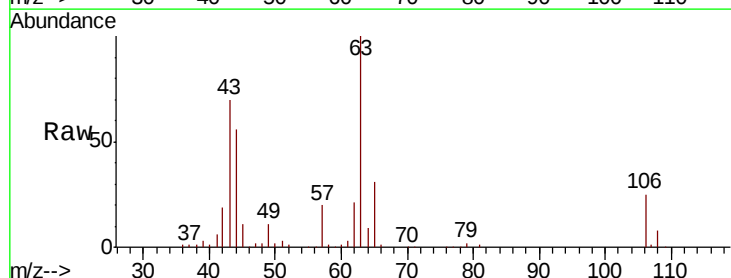
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

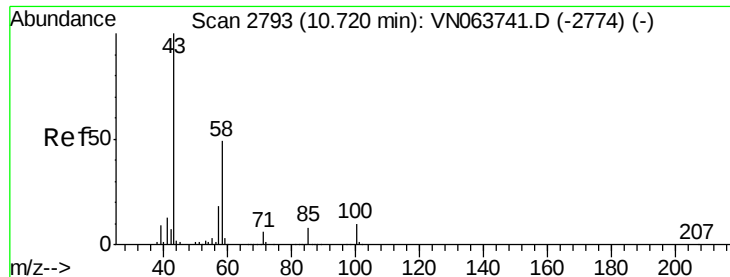
Tot Ion: 76 Resp: 96798
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.216 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion: 63 Resp: 215406
 Ion Ratio Lower Upper
 63 100
 106 25.2 20.7 31.1

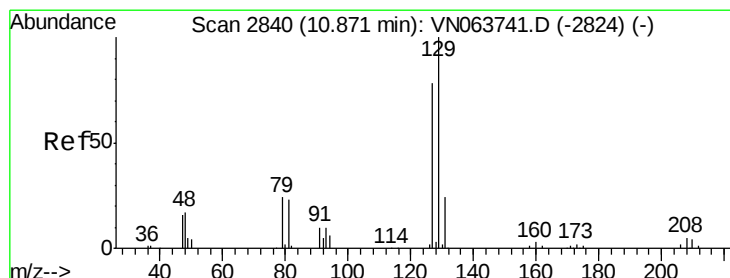
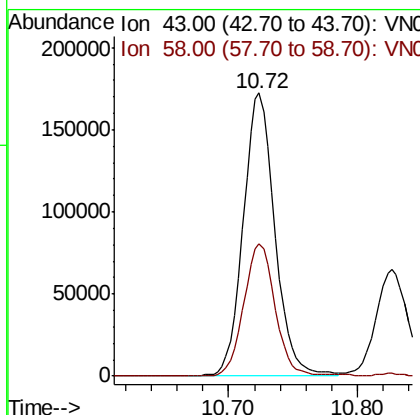
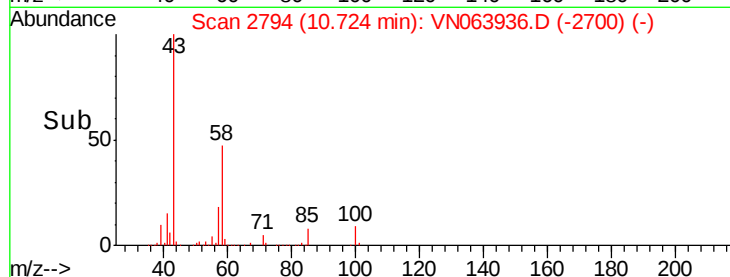
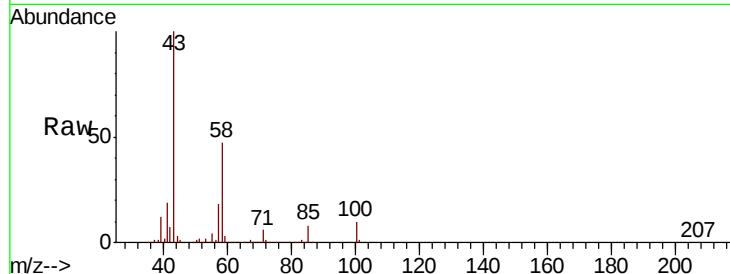




#59
2-Hexanone
Concen: 91.931 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

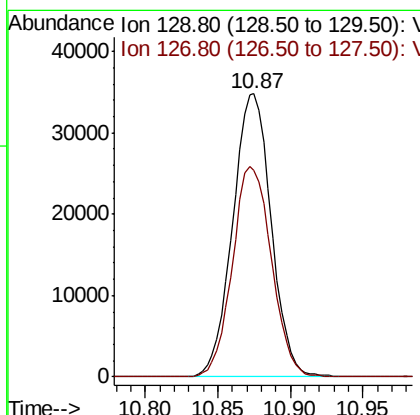
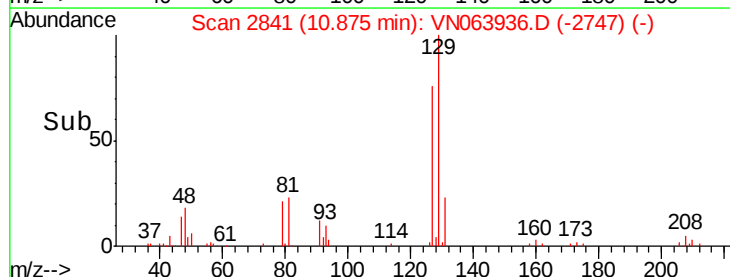
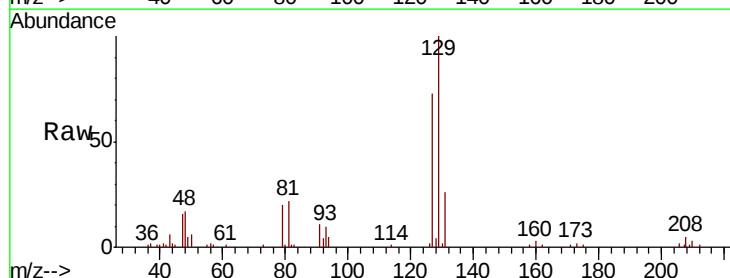
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

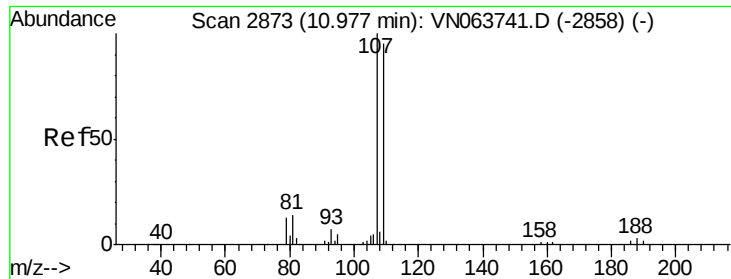
Tot Ion: 43 Resp: 291912
Ion Ratio Lower Upper
43 100
58 46.6 24.6 73.8



#60
Dibromochloromethane
Concen: 17.486 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion: 129 Resp: 64128
Ion Ratio Lower Upper
129 100
127 75.4 38.9 116.7

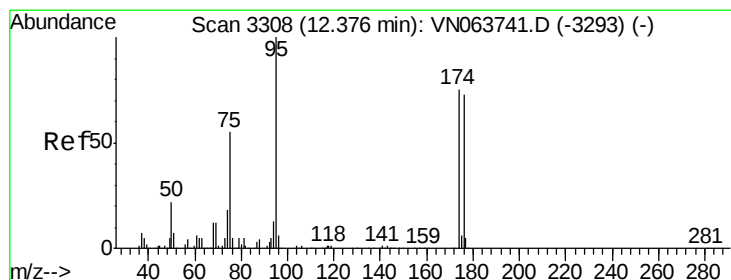
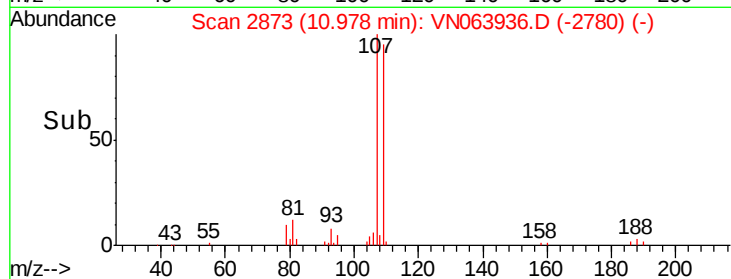
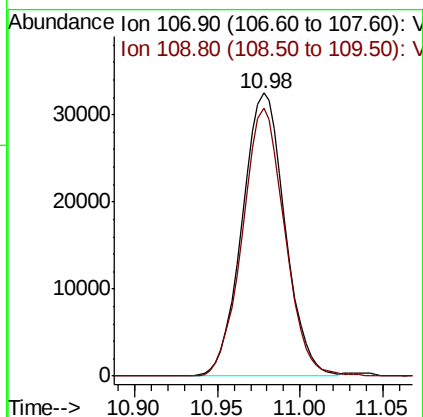
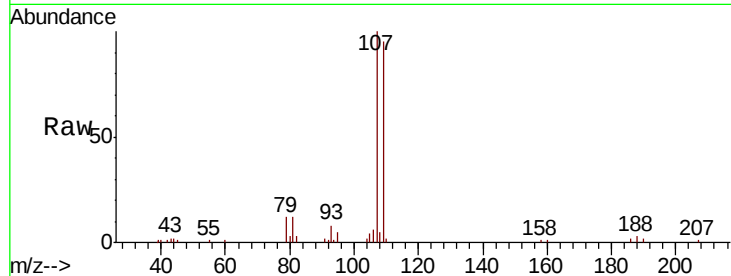




#61
 1,2-Dibromoethane
 Concen: 18.178 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

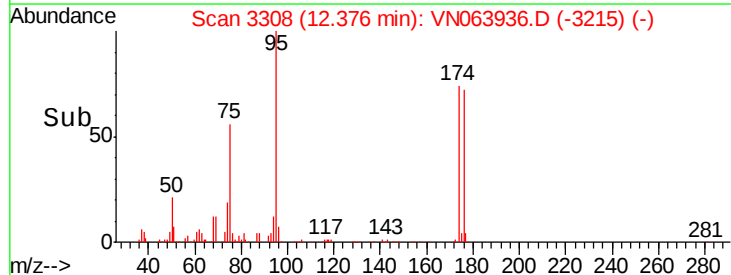
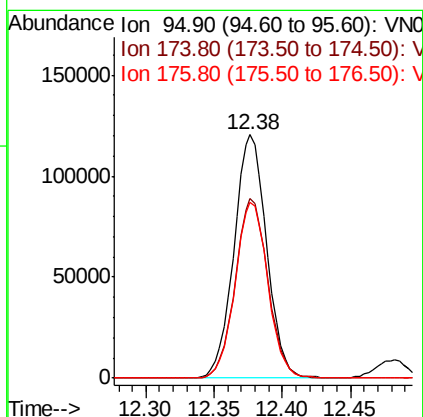
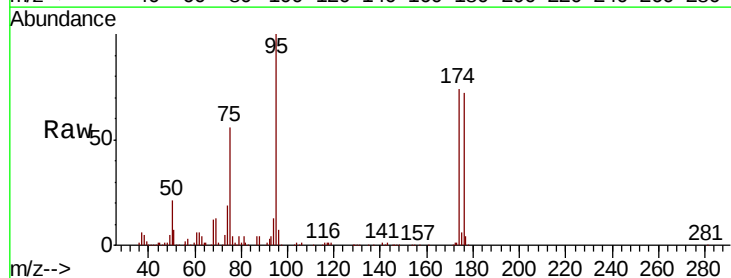
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

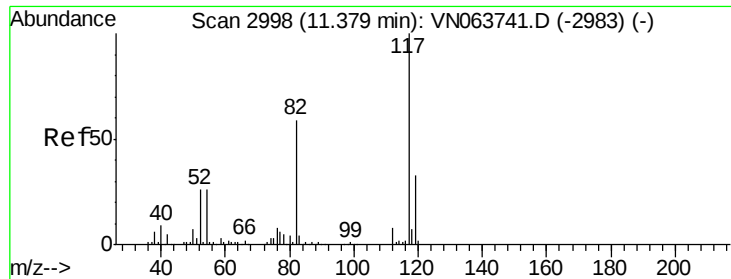
Tot Ion:107 Resp: 58557
 Ion Ratio Lower Upper
 107 100
 109 93.4 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 46.169 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion: 95 Resp: 200284
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 150.6
 176 72.2 0.0 145.4

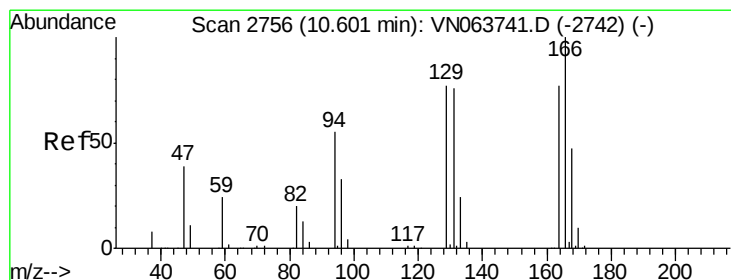
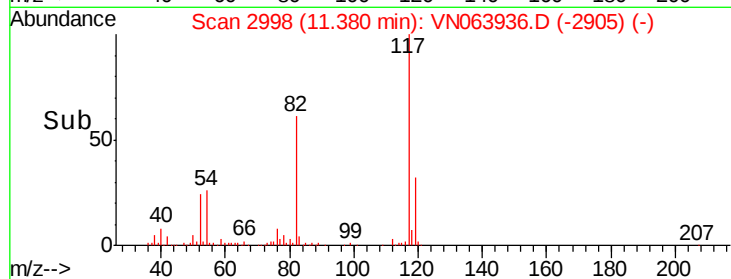
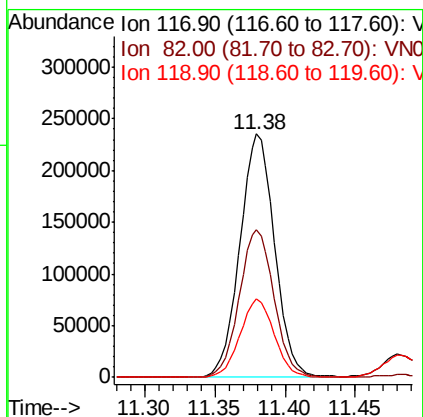
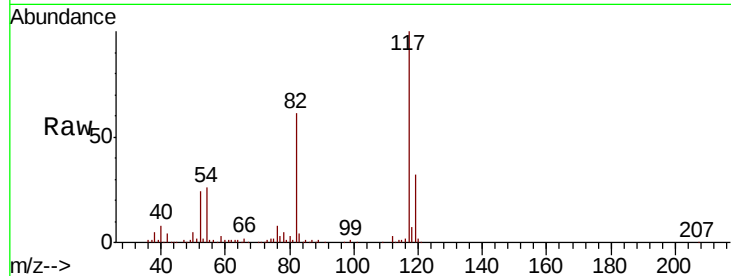




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

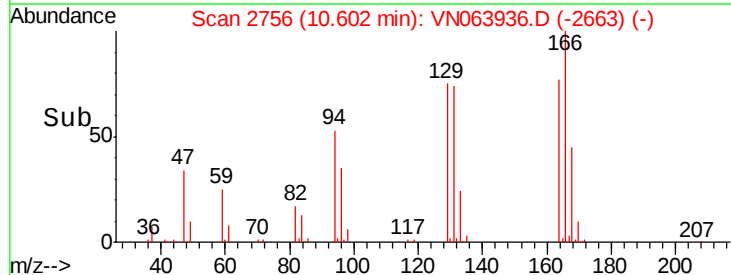
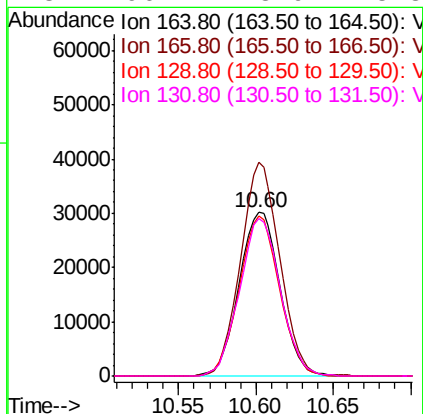
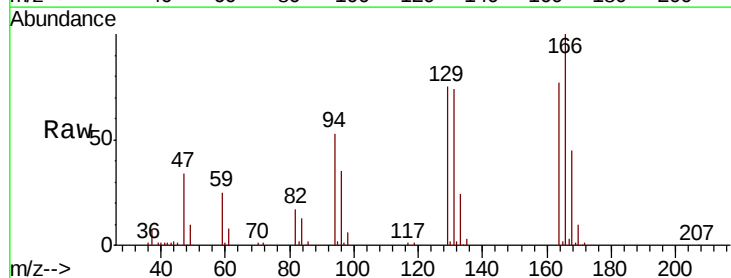
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

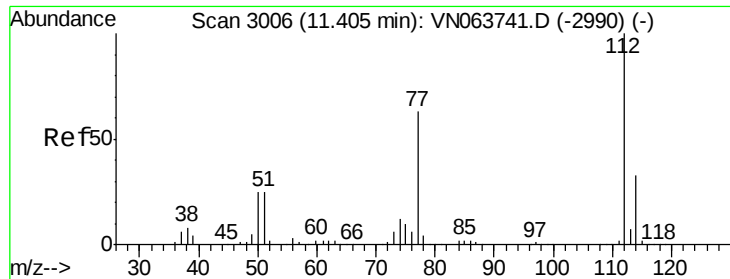
Tot Ion:117 Resp: 406751
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 32.0 26.4 39.6



#64
Tetrachloroethene
Concen: 17.612 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion:164 Resp: 55423
Ion Ratio Lower Upper
164 100
166 130.6 103.9 155.9
129 97.7 80.3 120.5
131 96.2 78.9 118.3

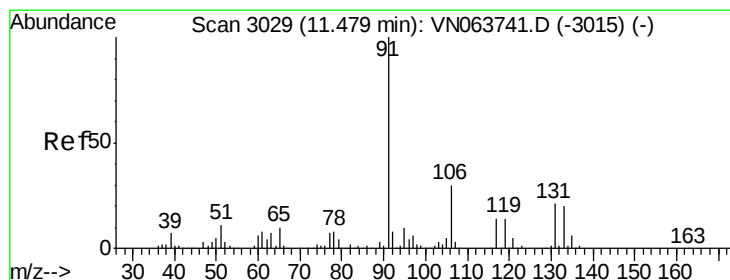
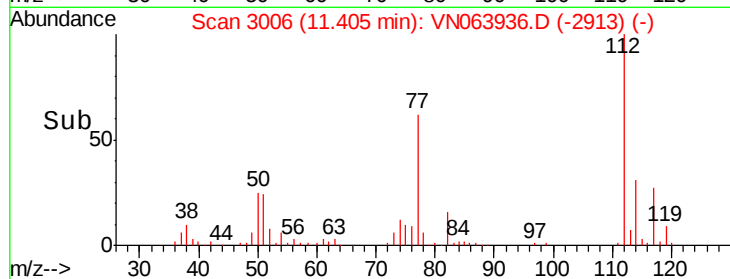
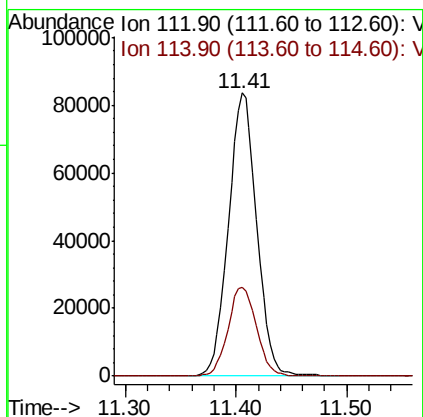
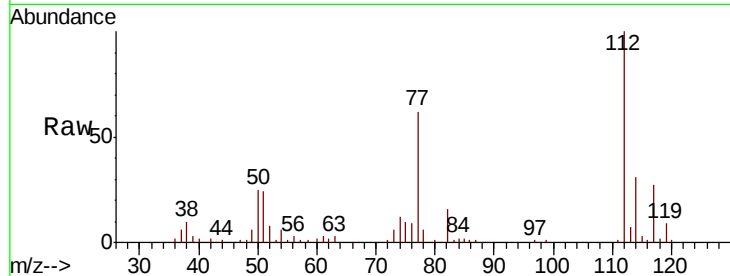




#65
Chlorobenzene
Concen: 17.797 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

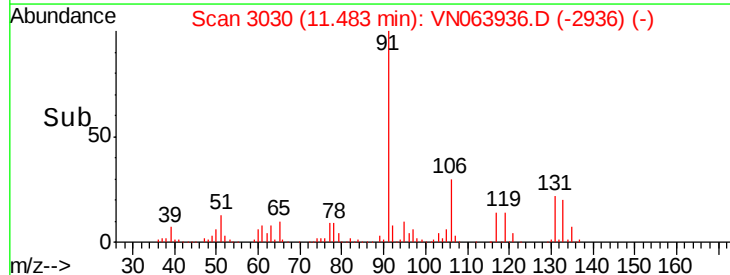
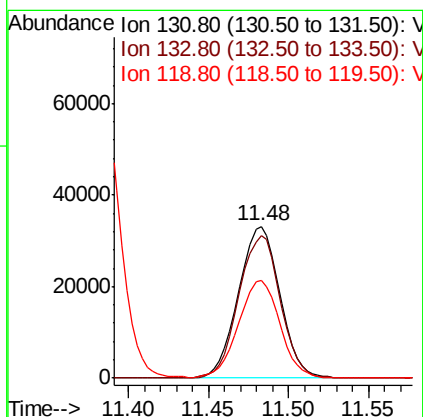
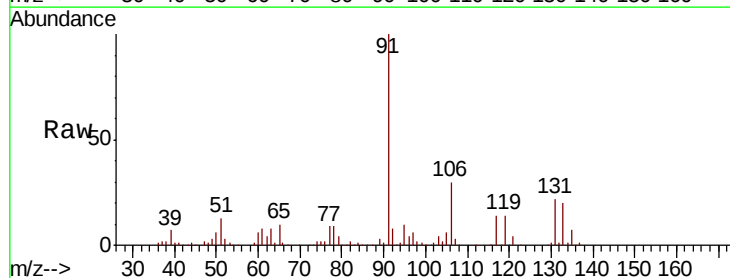
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

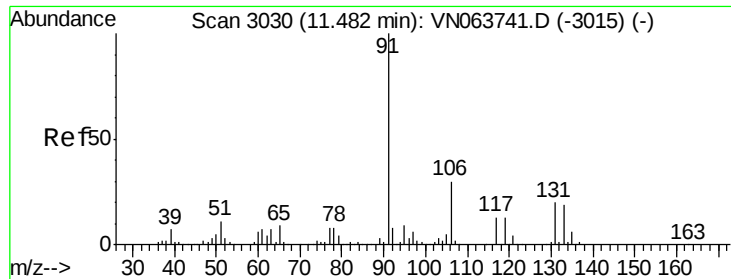
Tot Ion:112 Resp: 148495
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.267 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion:131 Resp: 58430
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.8
119 64.9 32.6 97.7





#67

Ethyl Benzene

Concen: 17.140 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

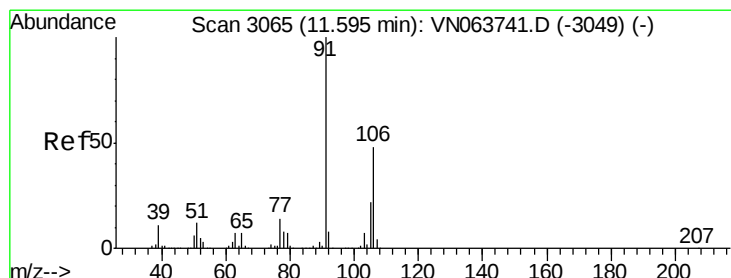
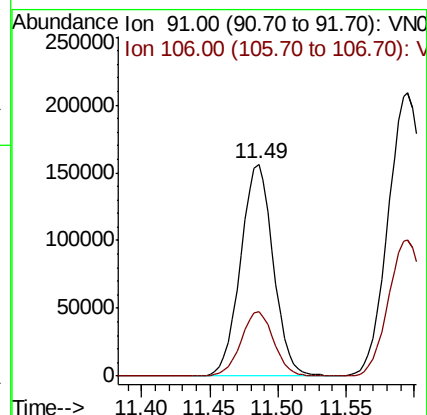
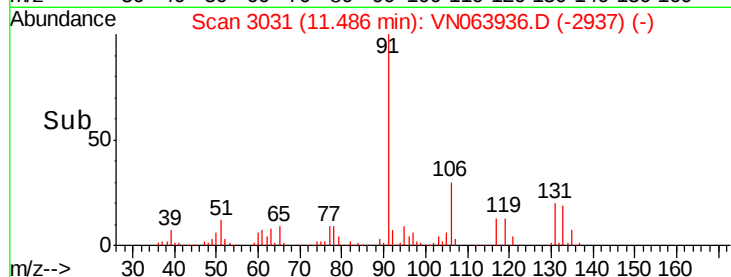
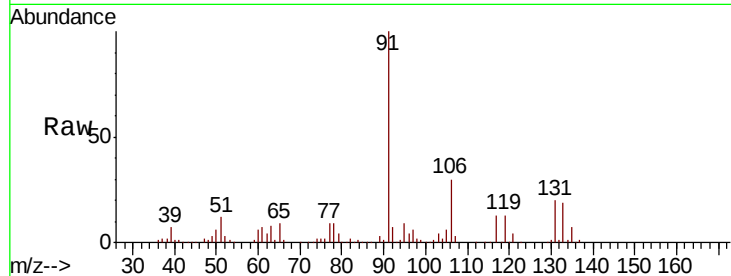
VN1007WBS01

Tot Ion: 91 Resp: 260224

Ion Ratio Lower Upper

91 100

106 30.1 24.2 36.2



#68

m/p-Xylenes

Concen: 34.114 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063936.D

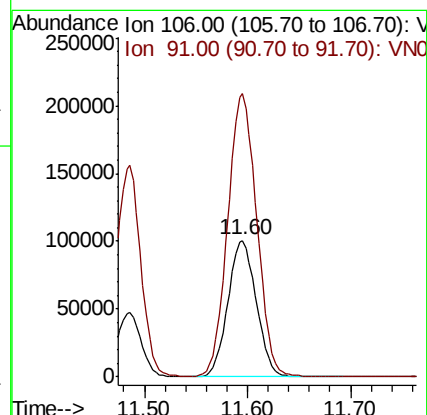
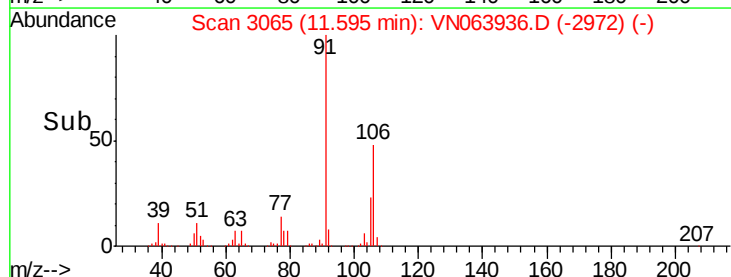
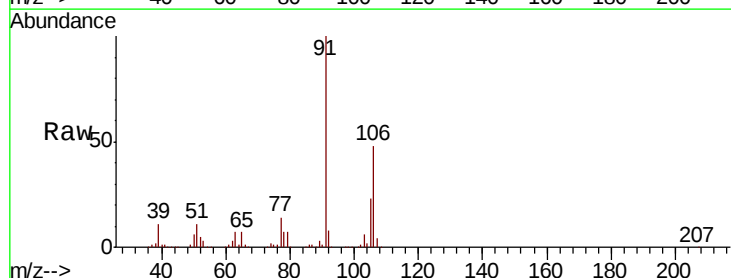
Acq: 7 Oct 2020 11:44

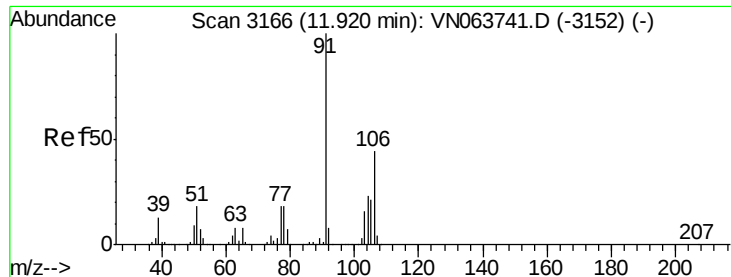
Tgt Ion: 106 Resp: 193037

Ion Ratio Lower Upper

106 100

91 210.4 168.0 252.0

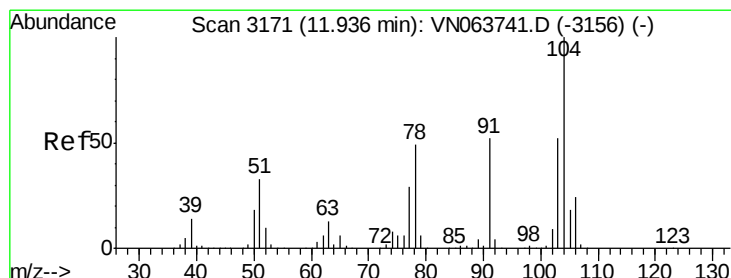
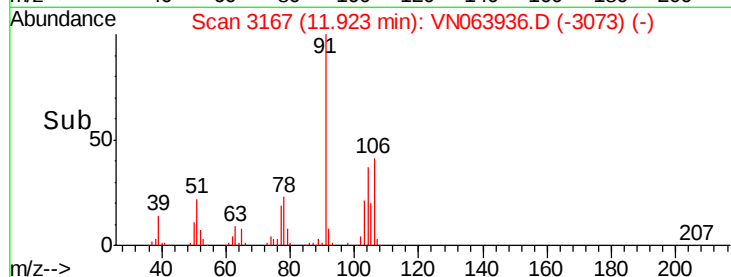
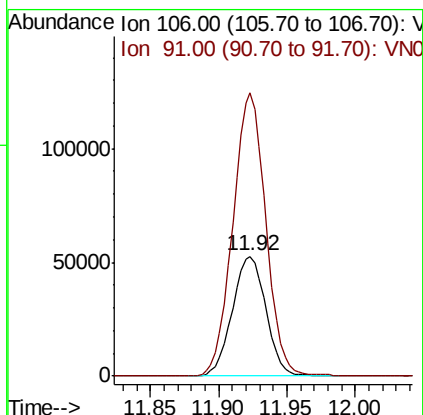
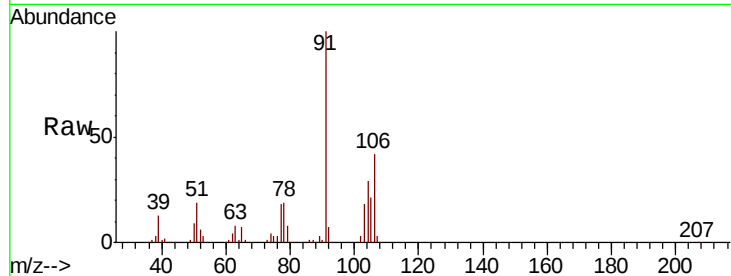




#69
o-Xylene
Concen: 17.048 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

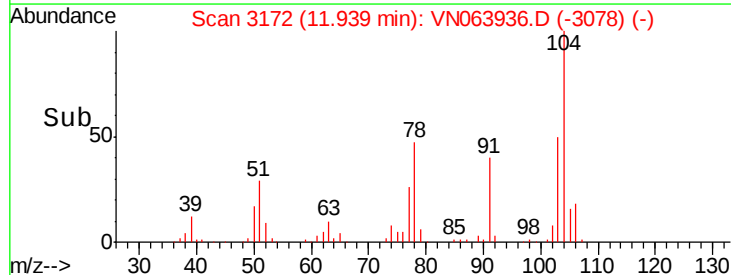
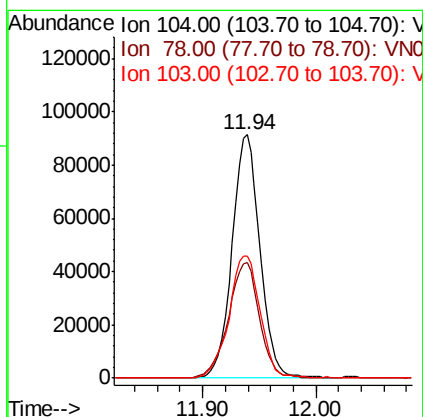
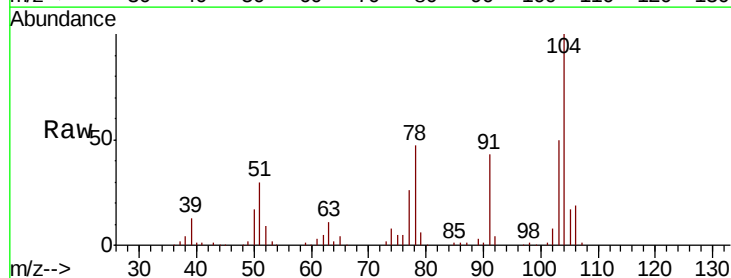
Instrument :
MSVOA_N
ClientSampled :
VN1007WBS01

Tot Ion:106 Resp: 90166
Ion Ratio Lower Upper
106 100
91 231.7 112.7 338.0



#70
Styrene
Concen: 17.458 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion:104 Resp: 156736
Ion Ratio Lower Upper
104 100
78 52.9 44.1 66.1
103 56.1 44.3 66.5





#71

Bromoform

Concen: 17.797 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

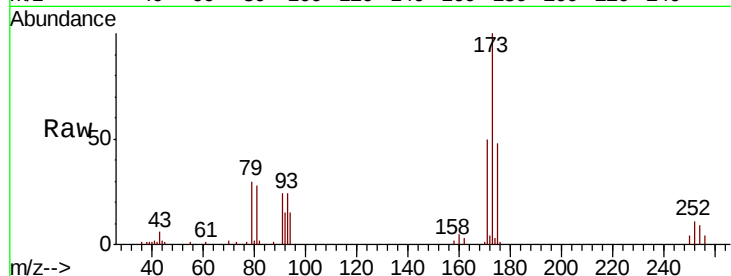
Tot Ion:173 Resp: 43540

Ion Ratio Lower Upper

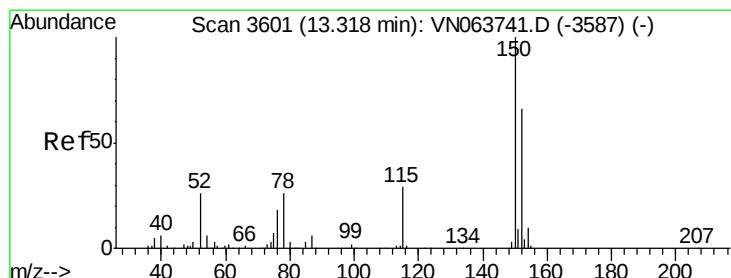
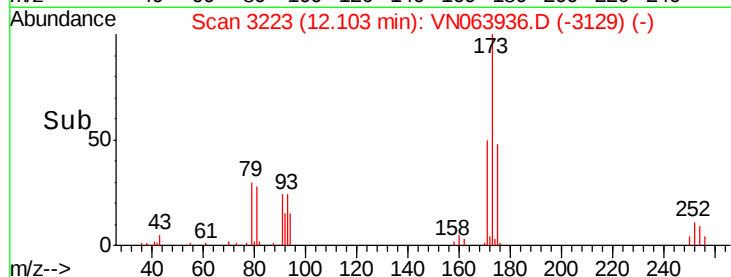
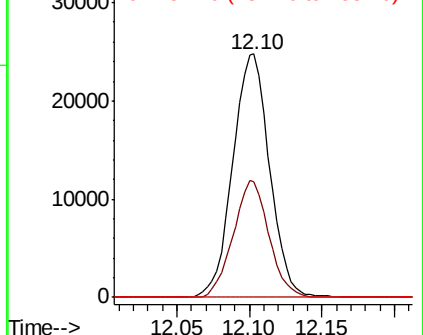
173 100

175 46.4 23.5 70.5

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

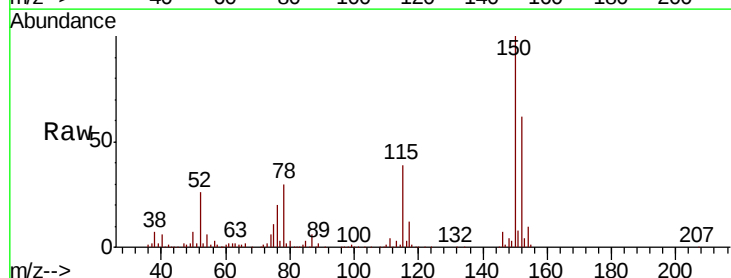
Tgt Ion:152 Resp: 188638

Ion Ratio Lower Upper

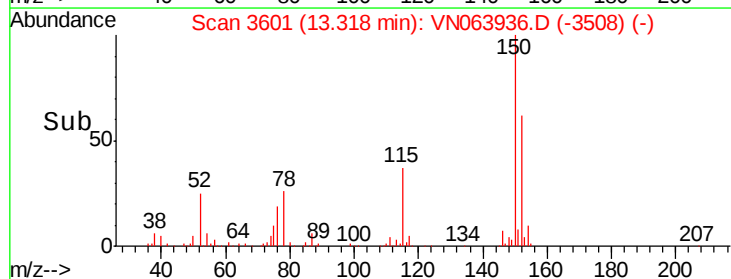
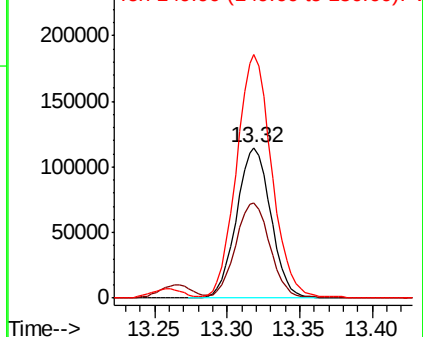
152 100

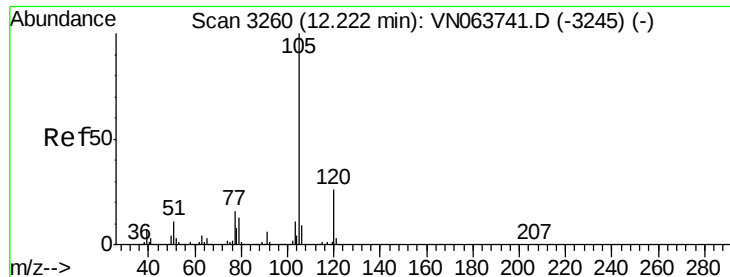
115 63.4 31.3 93.8

150 166.1 0.0 341.8



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: 17.573 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

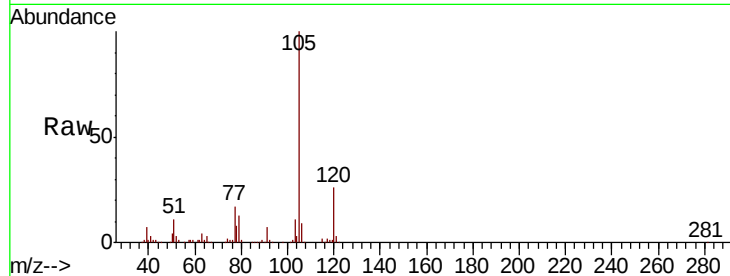
VN1007WBS01

Tot Ion: 105 Resp: 241790

Ion Ratio Lower Upper

105 100

120 25.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

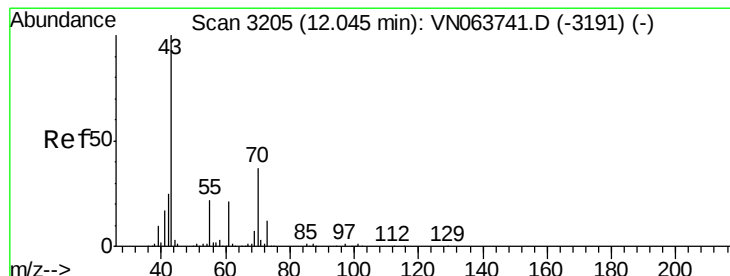
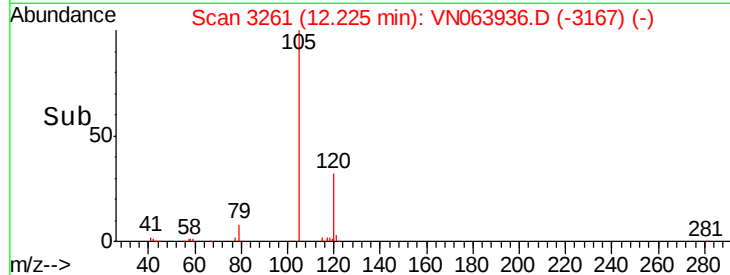
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.283 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Tgt Ion: 43 Resp: 107515

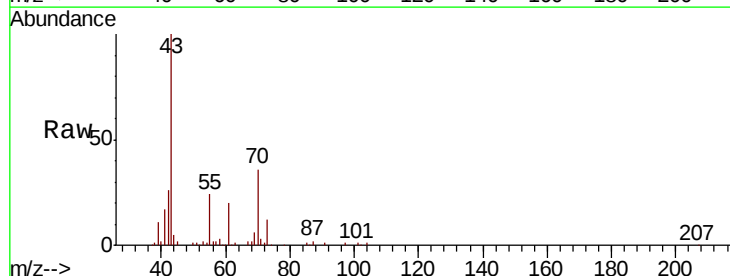
Ion Ratio Lower Upper

43 100

70 35.0 29.8 44.8

55 23.4 17.9 26.9

61 20.8 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

100000

80000

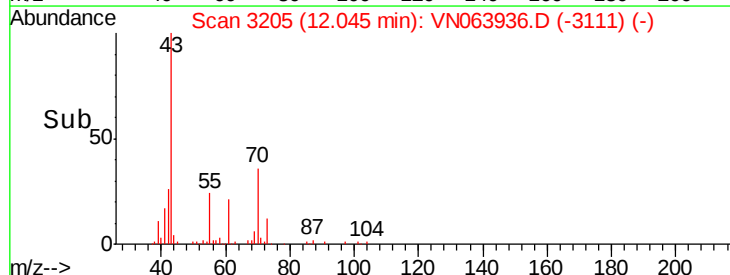
60000

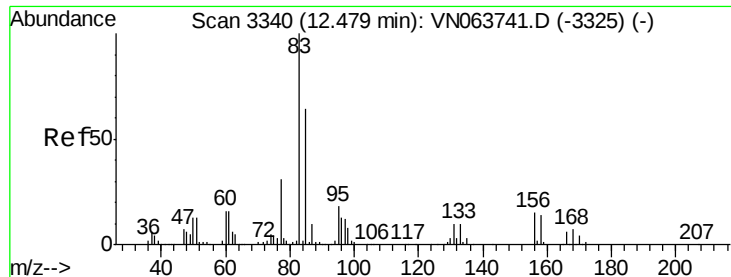
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.581 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

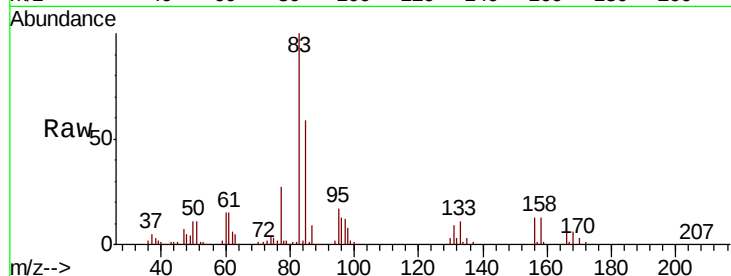
Tot Ion: 83 Resp: 82385

Ion Ratio Lower Upper

83 100

131 9.8 5.3 15.8

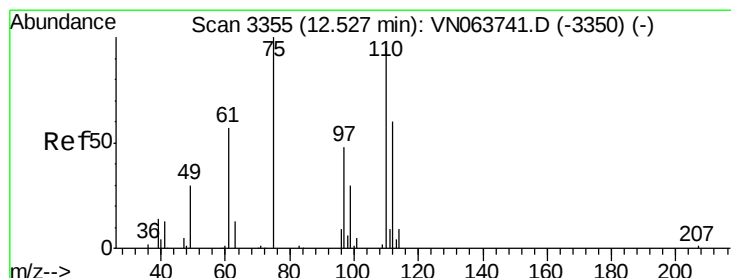
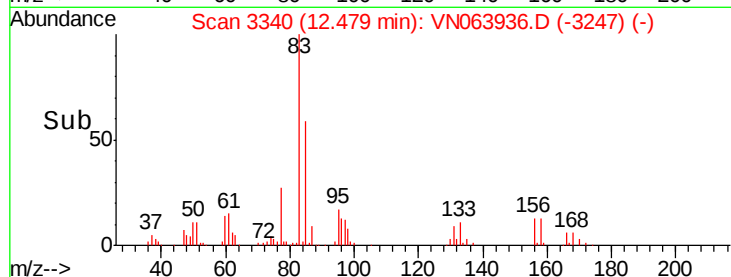
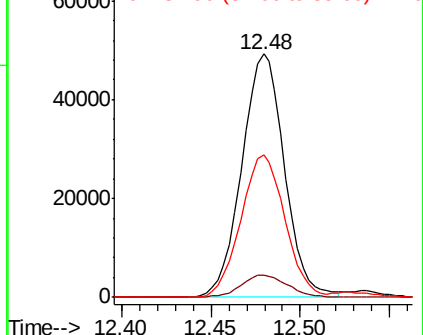
85 60.5 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063936.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063936.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063936.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 26.710 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063936.D

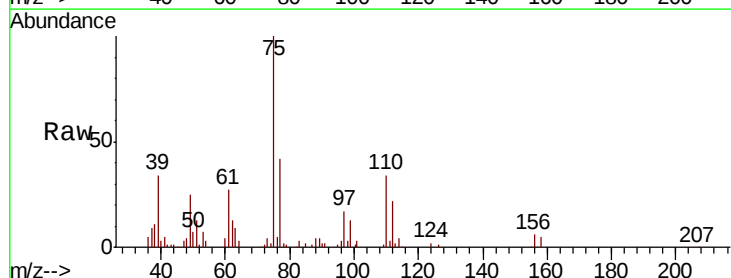
Acq: 7 Oct 2020 11:44

Tgt Ion: 75 Resp: 111069

Ion Ratio Lower Upper

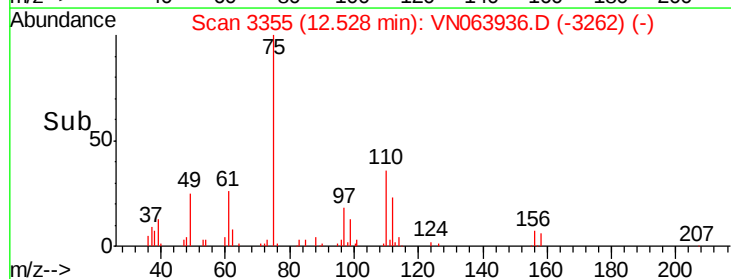
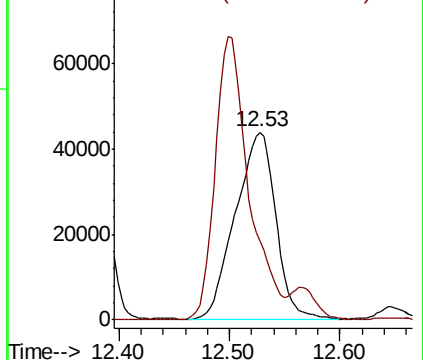
75 100

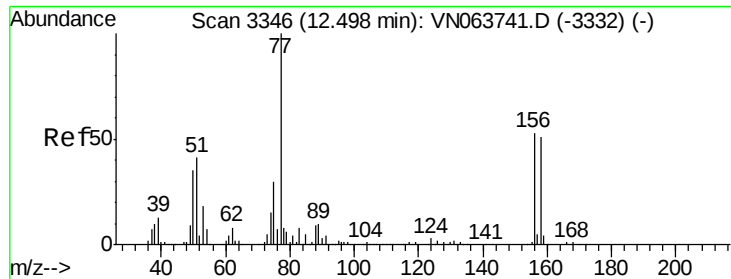
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063936.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063936.D (-3262) (-)





#77

Bromobenzene

Concen: 18.671 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

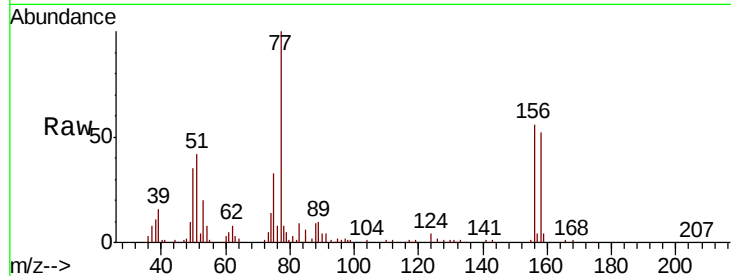
Tot Ion:156 Resp: 63036

Ion Ratio Lower Upper

156 100

77 222.7 110.9 332.7

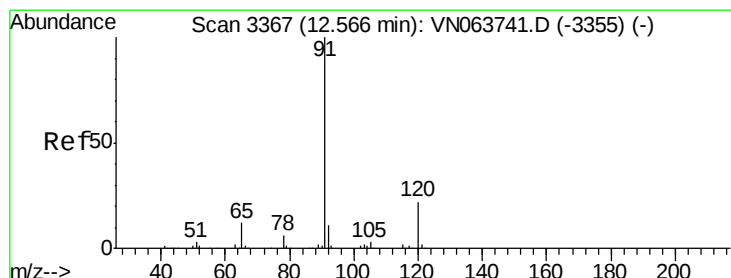
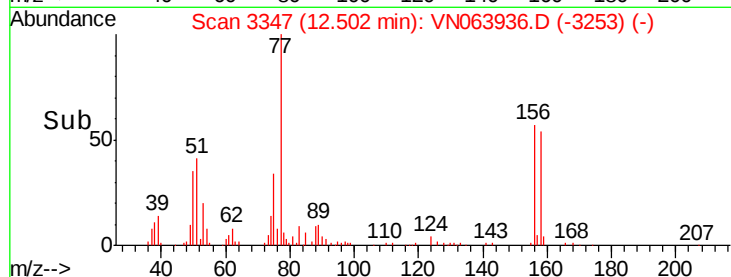
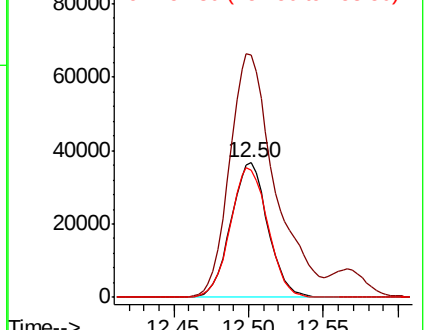
158 98.0 47.7 143.1



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: 17.344 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063936.D

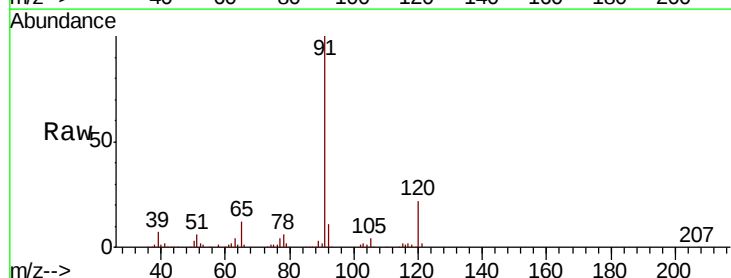
Acq: 7 Oct 2020 11:44

Tgt Ion: 91 Resp: 277731

Ion Ratio Lower Upper

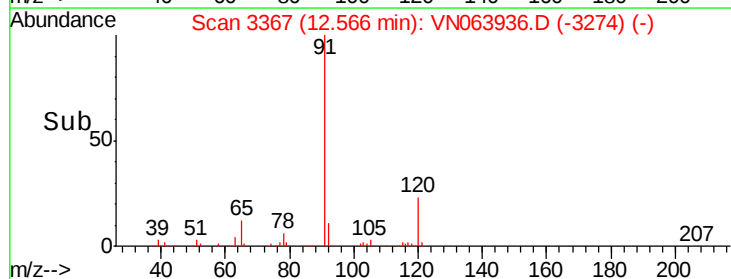
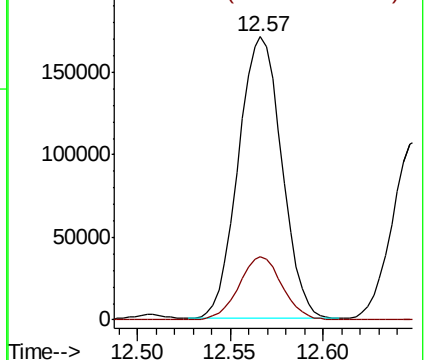
91 100

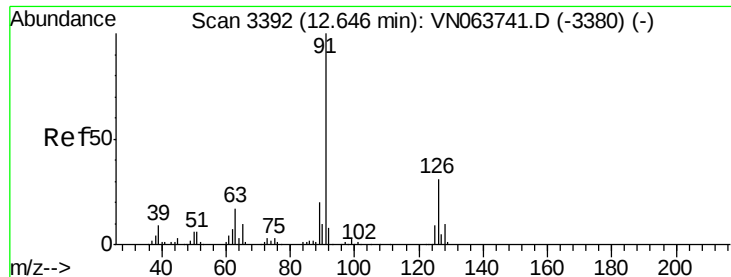
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.879 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

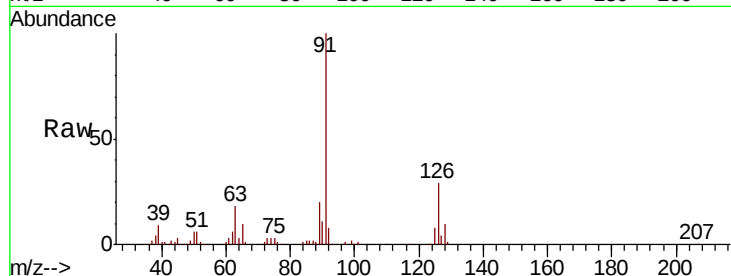
VN1007WBS01

Tot Ion: 91 Resp: 176078

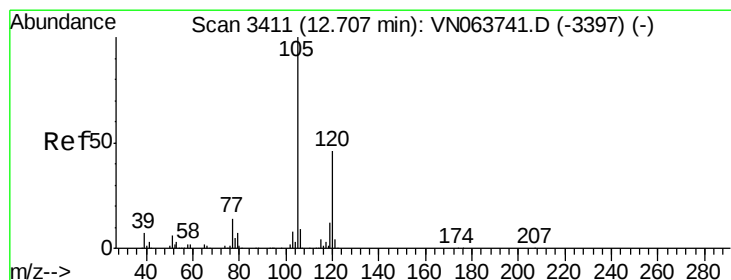
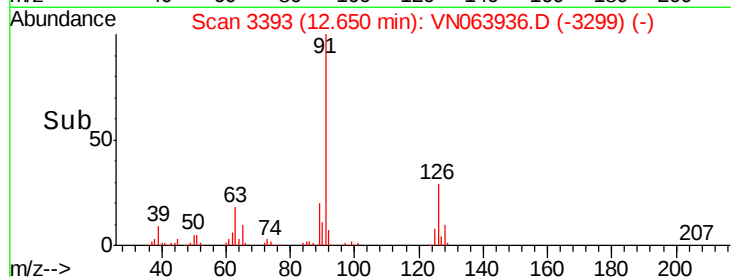
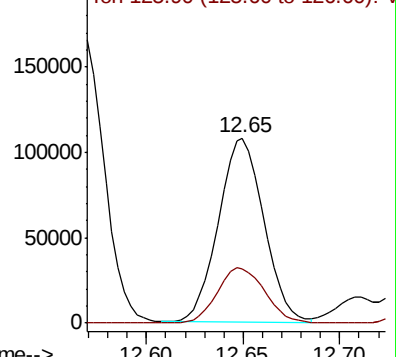
Ion Ratio Lower Upper

91 100

126 31.6 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.511 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063936.D

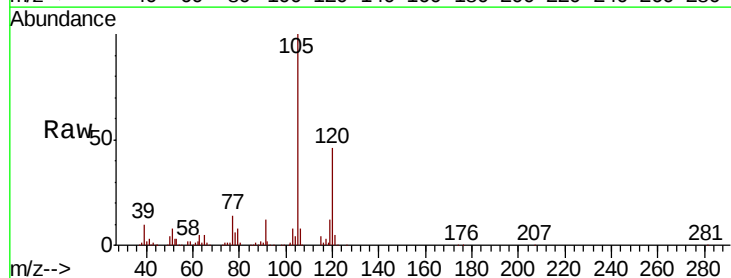
Acq: 7 Oct 2020 11:44

Tgt Ion: 105 Resp: 202137

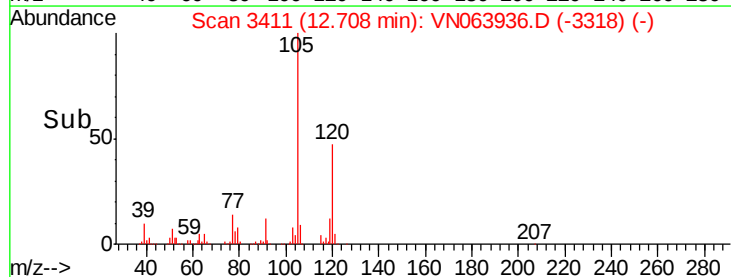
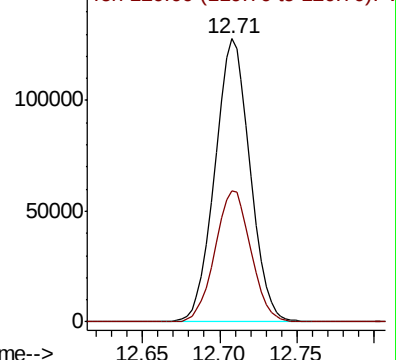
Ion Ratio Lower Upper

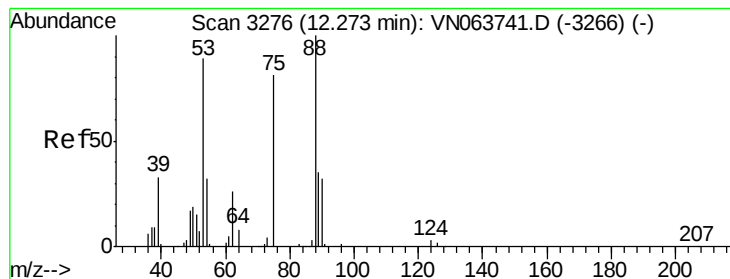
105 100

120 47.3 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.438 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

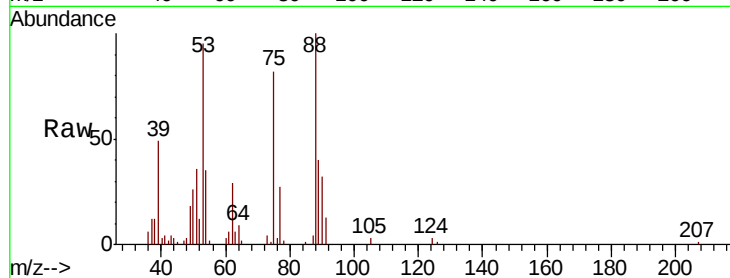
Tot Ion: 75 Resp: 25177

Ion Ratio Lower Upper

75 100

53 116.4 88.2 132.2

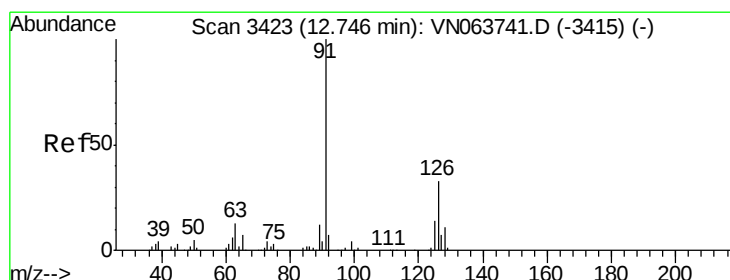
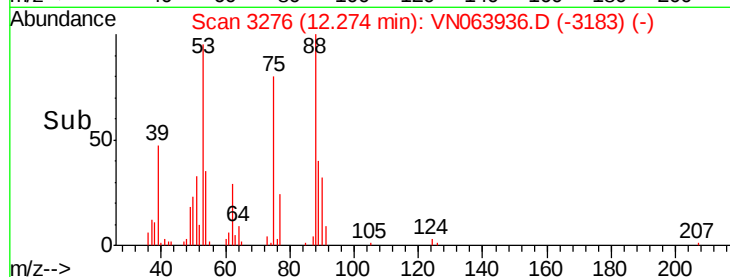
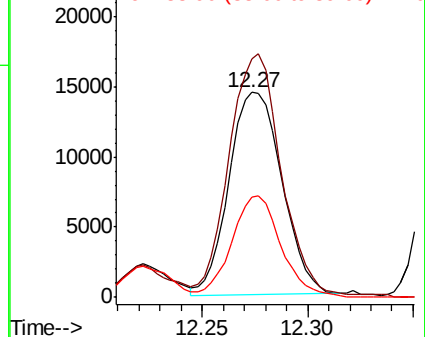
89 46.6 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 17.873 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063936.D

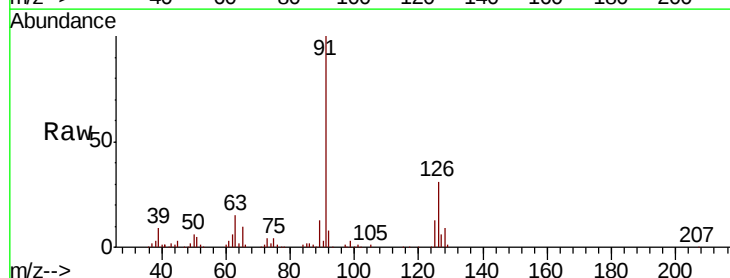
Acq: 7 Oct 2020 11:44

Tgt Ion: 91 Resp: 182724

Ion Ratio Lower Upper

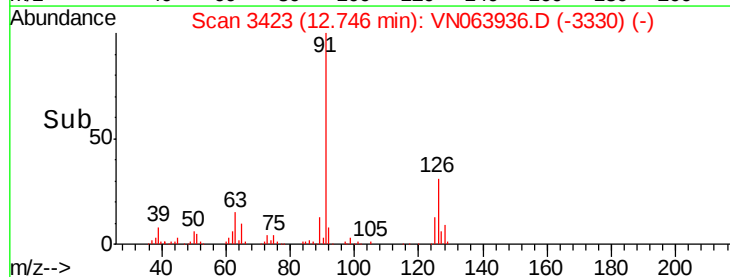
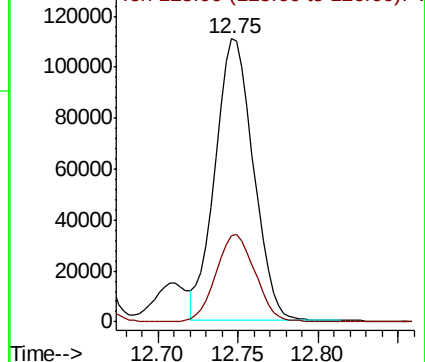
91 100

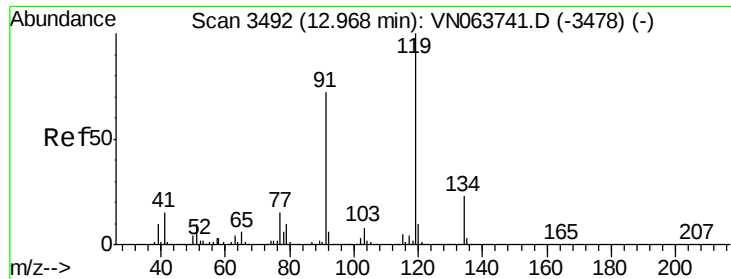
126 31.8 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

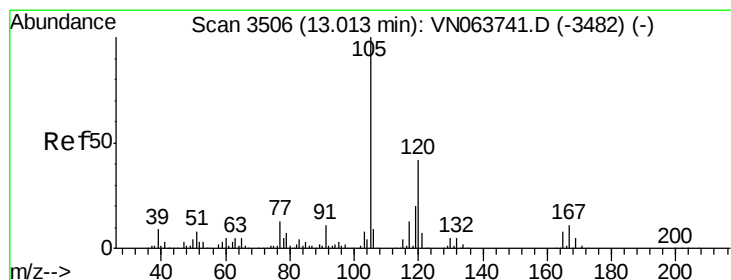
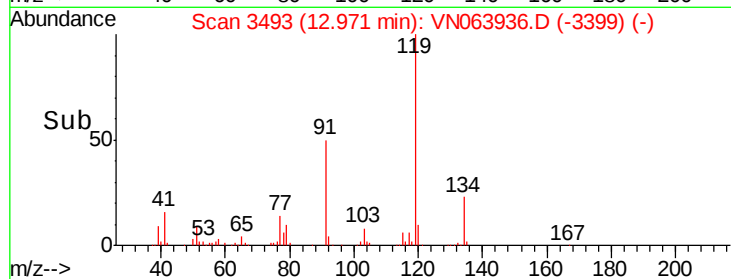
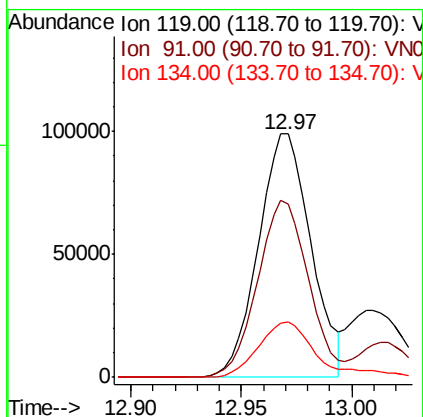
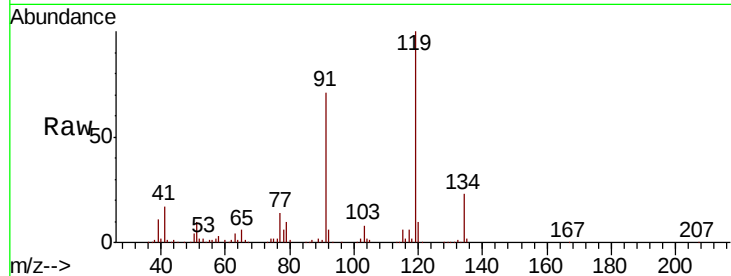




#83
 tert-Butylbenzene
 Concen: 17.328 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

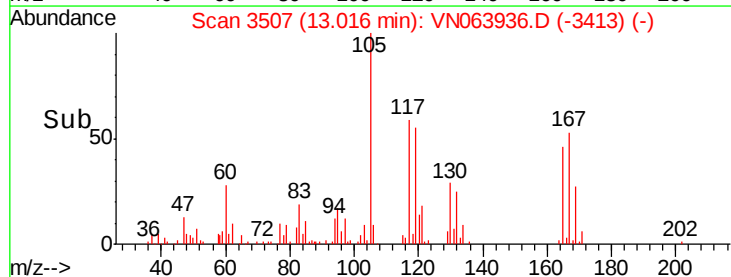
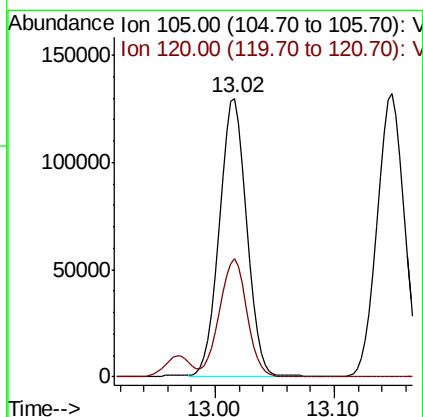
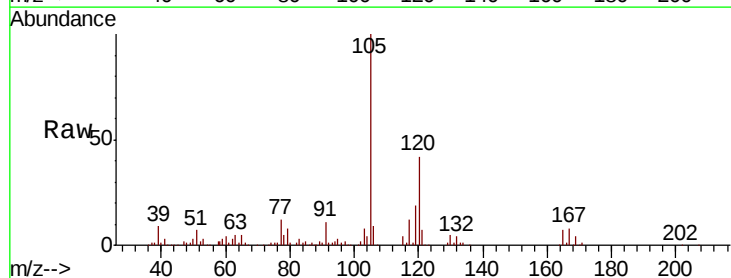
Instrument :
 MSVOA_N
 ClientSampled :
 VN1007WBS01

Tot Ion:119 Resp: 163614
 Ion Ratio Lower Upper
 119 100
 91 71.0 35.5 106.5
 134 25.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 17.903 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion:105 Resp: 206334
 Ion Ratio Lower Upper
 105 100
 120 42.8 20.9 62.7





#85

sec-Butylbenzene

Concen: 16.923 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

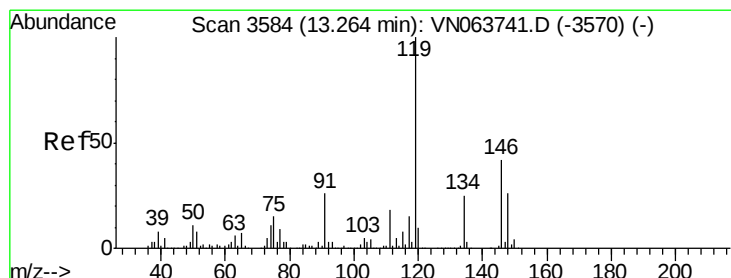
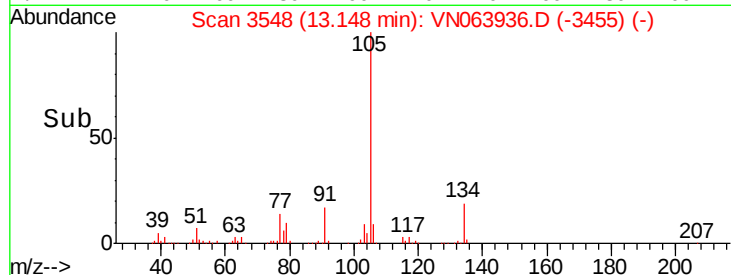
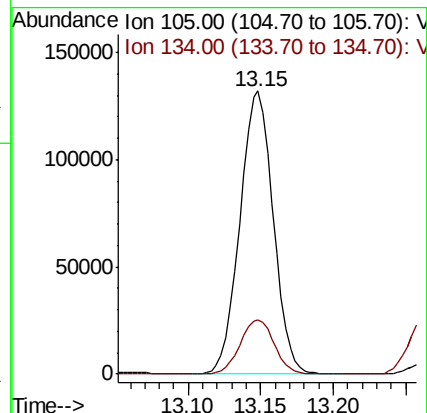
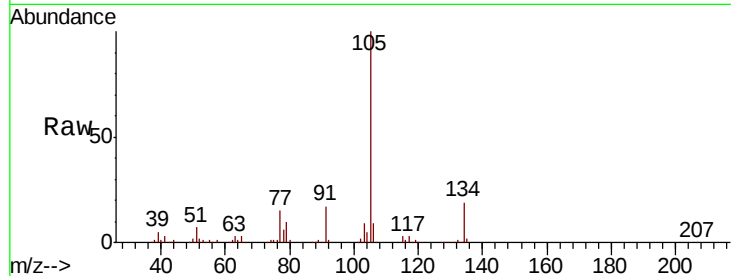
VN1007WBS01

Tot Ion:105 Resp: 209867

Ion Ratio Lower Upper

105 100

134 19.5 9.5 28.5



#86

p-Isopropyltoluene

Concen: 17.235 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

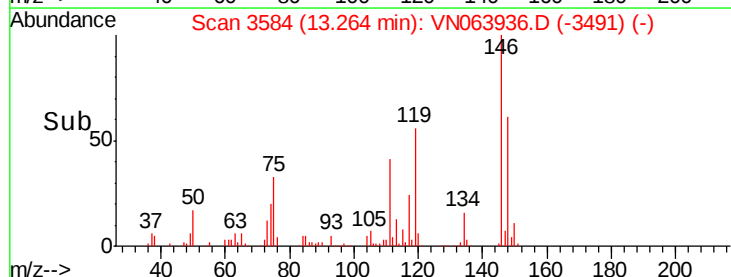
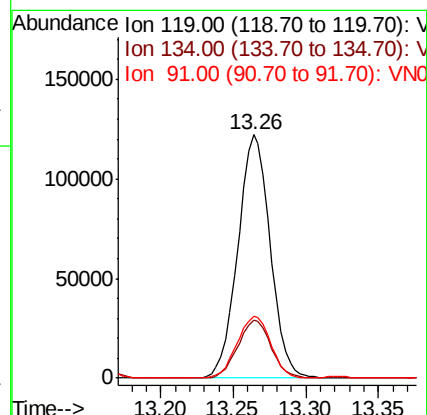
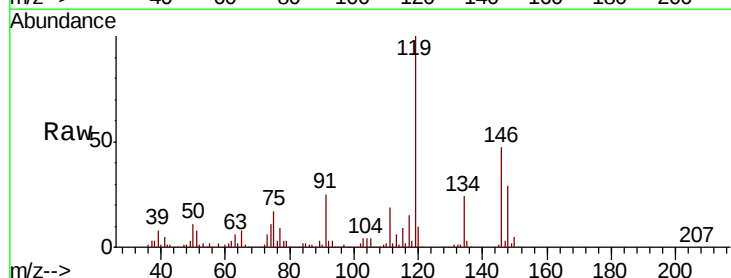
Tgt Ion:119 Resp: 189091

Ion Ratio Lower Upper

119 100

134 24.6 12.6 37.8

91 26.5 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 17.805 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS01

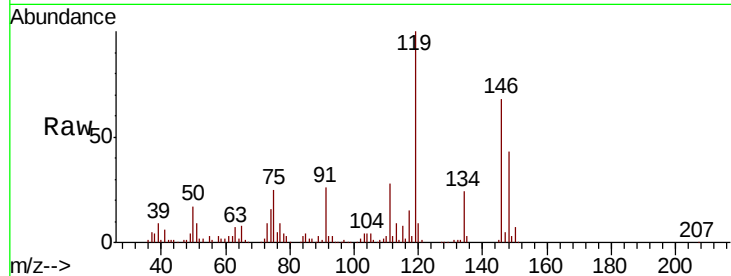
Tot Ion:146 Resp: 108754

Ion Ratio Lower Upper

146 100

111 41.7 21.5 64.5

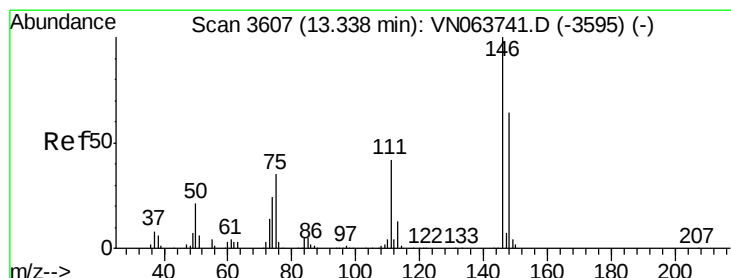
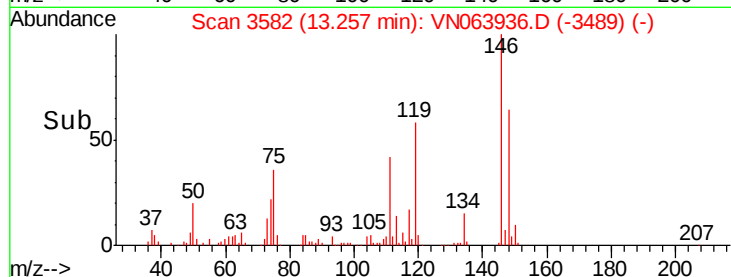
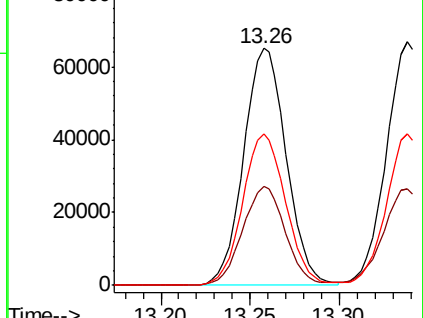
148 64.3 31.1 93.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.272 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN063936.D

Acq: 7 Oct 2020 11:44

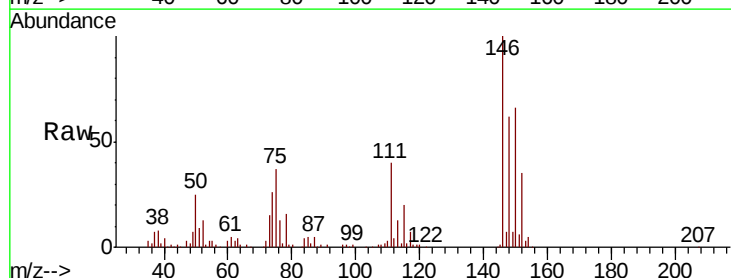
Tgt Ion:146 Resp: 109845

Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.7

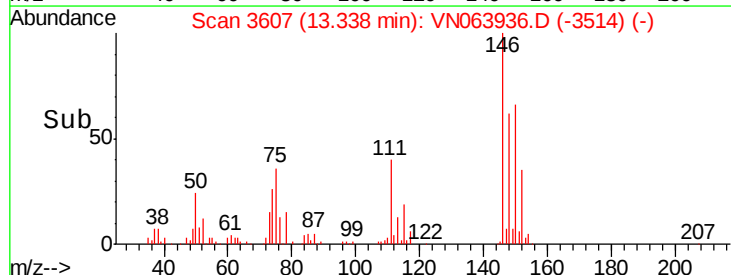
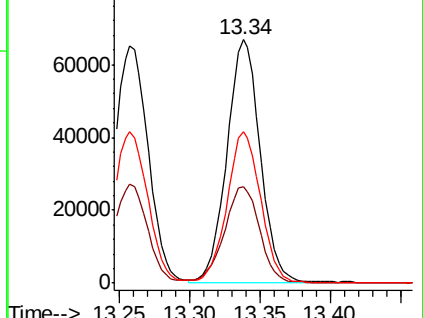
148 62.7 32.0 96.0

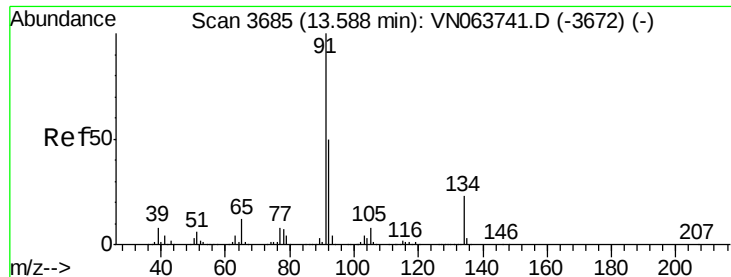


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

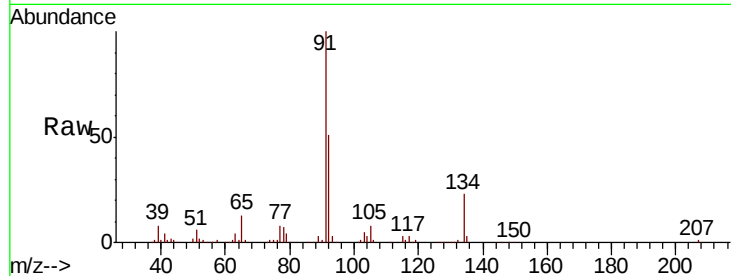




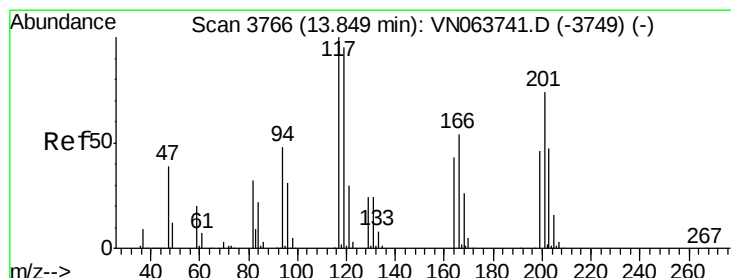
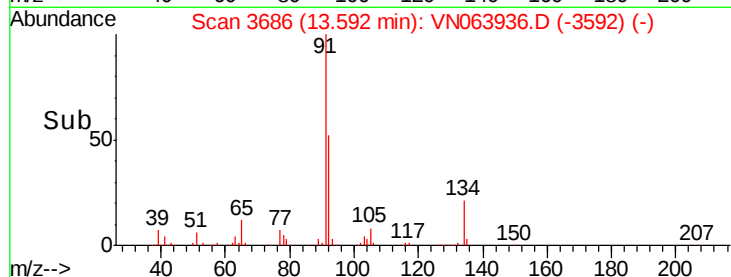
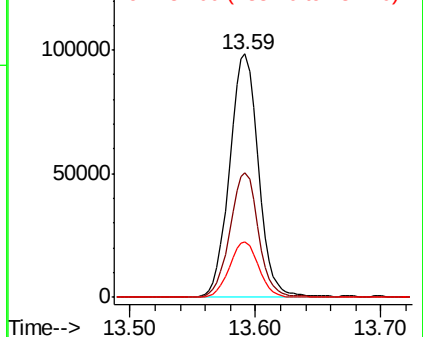
#89
n-Butylbenzene
Concen: 15.524 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Instrument :
MSVOA_N
ClientSampled :
VN1007WBS01

Tot Ion: 91 Resp: 157200
Ion Ratio Lower Upper
91 100
92 50.3 25.4 76.4
134 23.1 11.7 35.1

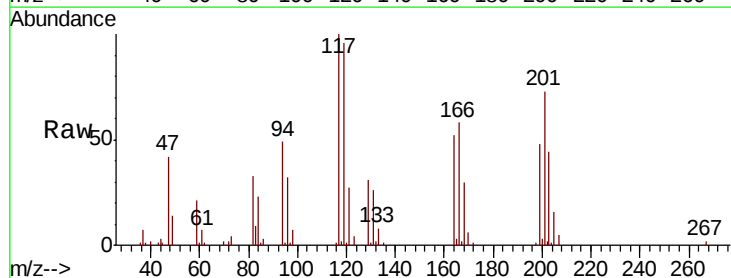


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

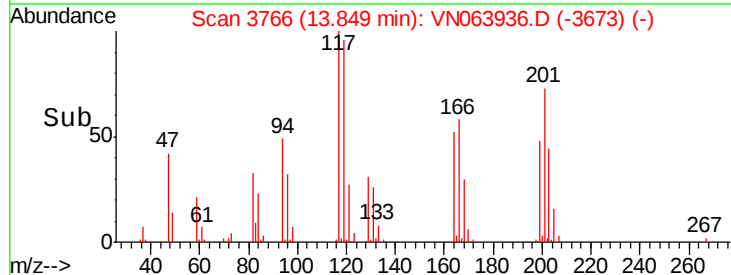
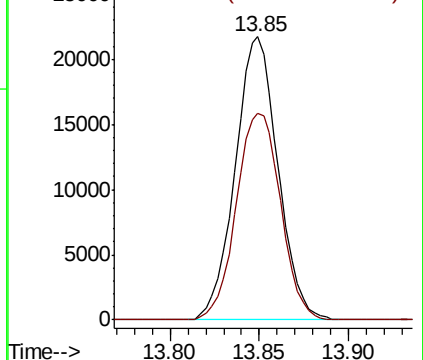


#90
Hexachloroethane
Concen: 17.061 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion: 117 Resp: 36272
Ion Ratio Lower Upper
117 100
201 75.7 36.0 108.0



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

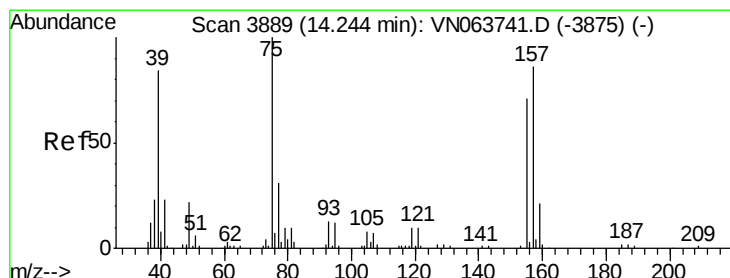
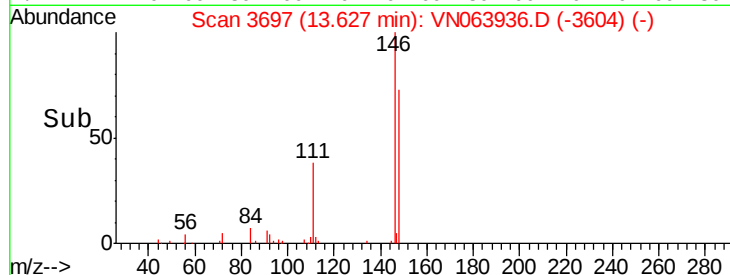
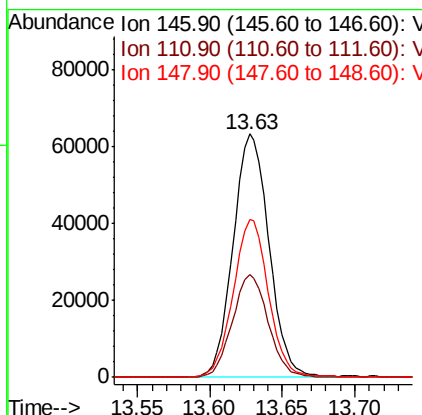
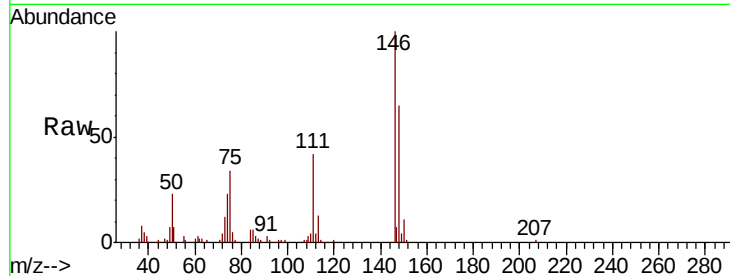




#91
 1,2-Dichlorobenzene
 Concen: 18.025 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

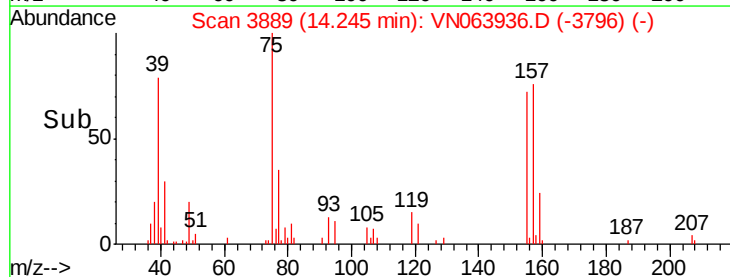
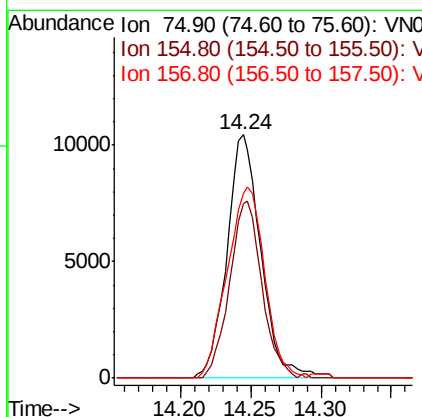
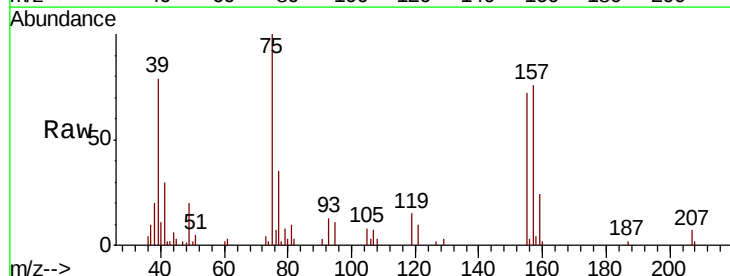
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

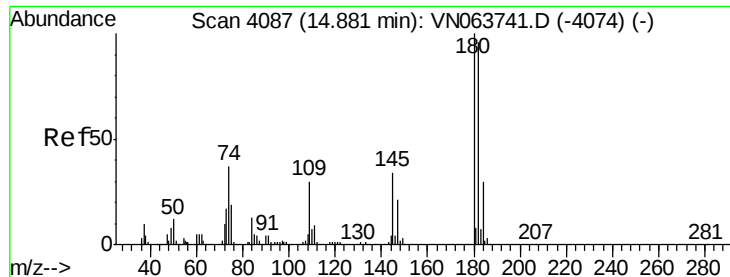
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	22.2	66.6
148	63.8	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.864 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.8	34.8	104.5
157	86.2	43.7	131.1

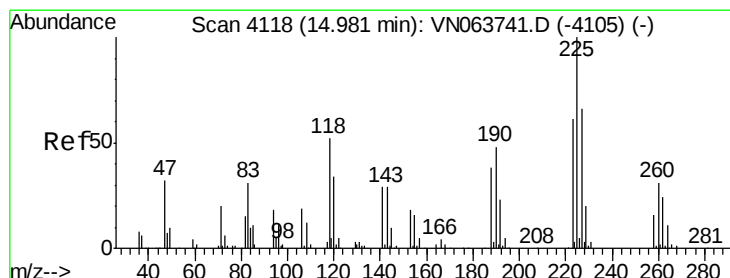
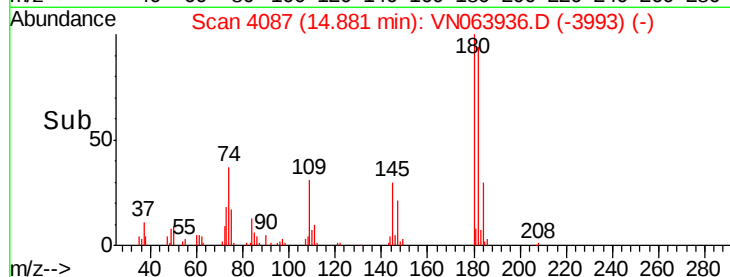
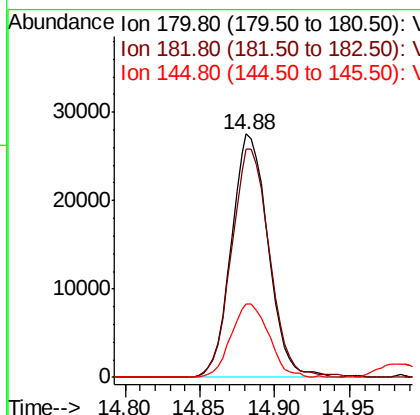
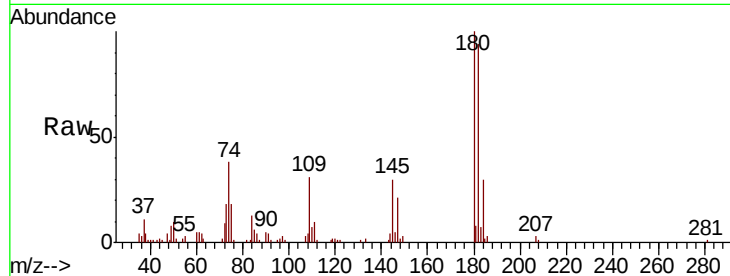




#93
 1,2,4-Trichlorobenzene
 Concen: 15.564 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

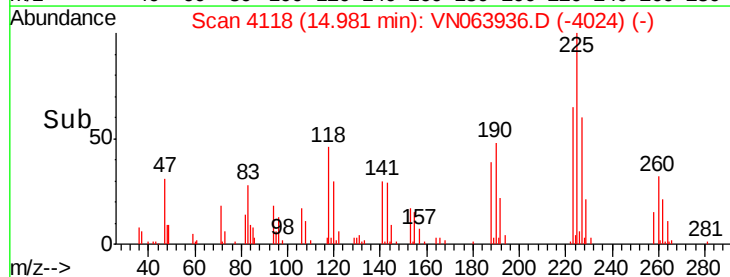
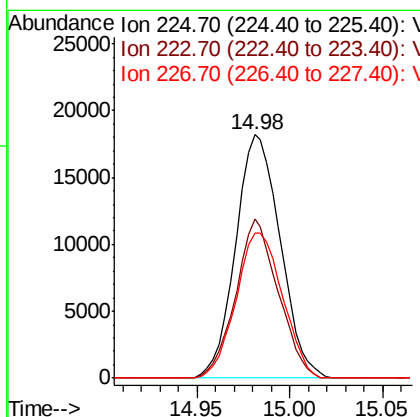
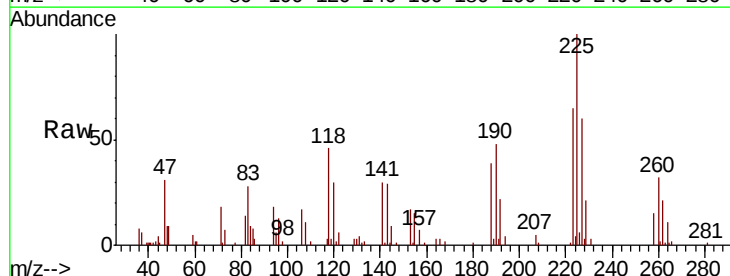
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

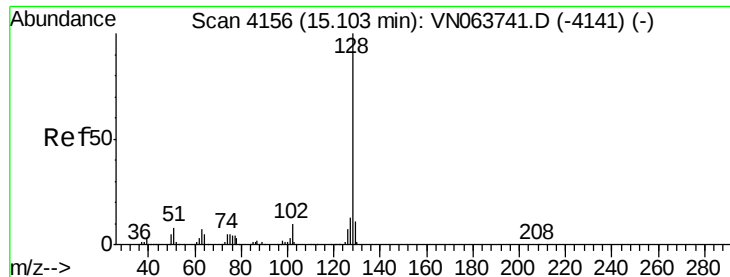
Tot Ion:180 Resp: 47124
 Ion Ratio Lower Upper
 180 100
 182 96.7 48.2 144.6
 145 31.2 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 18.595 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063936.D
 Acq: 7 Oct 2020 11:44

Tgt Ion:225 Resp: 30433
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.3 91.0
 227 62.0 31.9 95.5

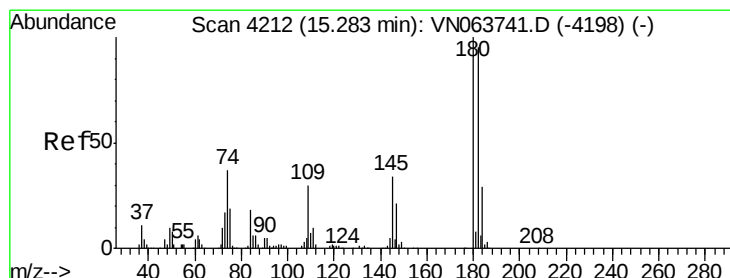
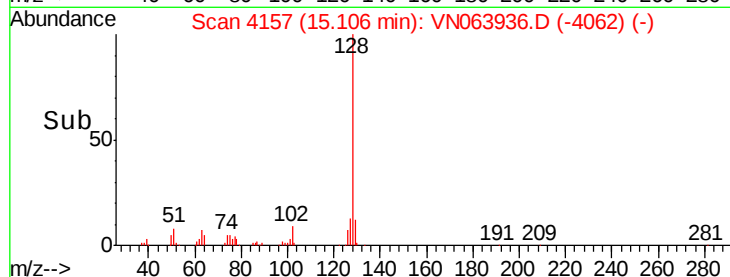
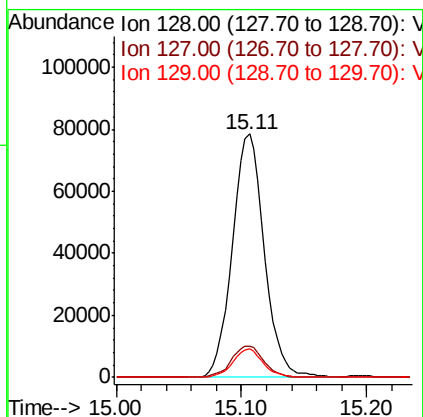
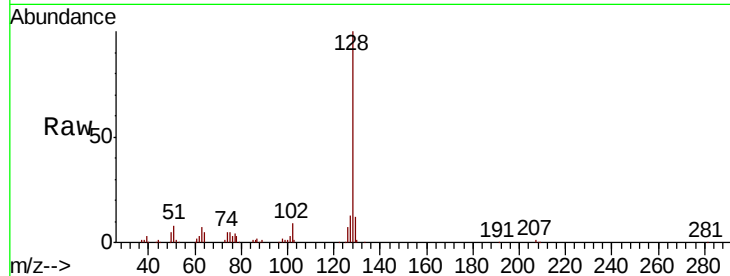




#95
Naphthalene
Concen: 15.018 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS01

Tot Ion:128 Resp: 138609
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 15.811 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063936.D
Acq: 7 Oct 2020 11:44

Tgt Ion:180 Resp: 46915
Ion Ratio Lower Upper
180 100
182 91.3 47.9 143.6
145 33.9 17.2 51.5

