

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072820\
 Data File : VN062630.D
 Acq On : 28 Jul 2020 13:17
 Operator : JC/MD
 Sample : VN0728WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 29 04:23:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	182552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	301912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	279477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129296	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	138993	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	7.55	113	95500	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.06	98	371462	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
62) 4-Bromofluorobenzene	12.38	95	135778	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39305	18.050	ug/l	96
3) Chloromethane	2.03	50	50190	16.994	ug/l	98
4) Vinyl Chloride	2.16	62	44394	17.340	ug/l	99
5) Bromomethane	2.51	94	20778	18.323	ug/l	96
6) Chloroethane	2.66	64	21728	18.761	ug/l	99
7) Trichlorofluoromethane	2.98	101	60642	20.173	ug/l	97
8) Diethyl Ether	3.37	74	26118	18.580	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	36034	18.696	ug/l	97
10) Methyl Iodide	3.91	142	35618	14.455	ug/l	96
11) Tert butyl alcohol	4.74	59	42089	93.297	ug/l	100
12) 1,1-Dichloroethene	3.70	96	36772	18.812	ug/l	95
13) Acrolein	3.56	56	32632	75.456	ug/l	99
14) Allyl chloride	4.27	41	73346	17.347	ug/l	97
15) Acrylonitrile	4.93	53	113627	94.036	ug/l	99
16) Acetone	3.77	43	100752	94.412	ug/l	98
17) Carbon Disulfide	4.00	76	109663	17.075	ug/l	100
18) Methyl Acetate	4.28	43	56744	21.004	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	135972	18.900	ug/l	97
20) Methylene Chloride	4.50	84	46153	18.032	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	38572	17.780	ug/l	96
22) Diisopropyl ether	5.90	45	152455	18.140	ug/l	94
23) Vinyl Acetate	5.84	43	640235	92.971	ug/l	99
24) 1,1-Dichloroethane	5.80	63	86184	19.043	ug/l	99
25) 2-Butanone	6.79	43	152504	93.834	ug/l	98
26) 2,2-Dichloropropane	6.77	77	70398	18.948	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	45775	18.491	ug/l	97
28) Bromochloromethane	7.15	49	41959	18.839	ug/l	96
29) Tetrahydrofuran	7.17	42	103048	93.703	ug/l	99
30) Chloroform	7.33	83	82484	19.169	ug/l	96
31) Cyclohexane	7.61	56	74749	17.889	ug/l	# 96
32) 1,1,1-Trichloroethane	7.53	97	70548	19.637	ug/l	99
36) 1,1-Dichloropropene	7.75	75	61401	19.080	ug/l	99
37) Ethyl Acetate	6.88	43	64830	18.689	ug/l	97
38) Carbon Tetrachloride	7.73	117	62848	20.318	ug/l	97

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Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 29 04:23:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	63841	18.429	ug/l	98
40) Benzene	8.00	78	179742	18.449	ug/l	100
41) Methacrylonitrile	7.12	41	24939	16.775	ug/l	95
42) 1,2-Dichloroethane	8.09	62	71568	20.093	ug/l	98
43) Isopropyl Acetate	8.13	43	104463	18.680	ug/l	98
44) Trichloroethene	8.80	130	40535	18.450	ug/l	93
45) 1,2-Dichloropropane	9.08	63	49670	18.158	ug/l	97
46) Dibromomethane	9.18	93	31291	19.792	ug/l	97
47) Bromodichloromethane	9.37	83	65381	19.088	ug/l	100
48) Methyl methacrylate	9.17	41	48295	18.168	ug/l	95
49) 1,4-Dioxane	9.17	88	15508	379.833	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	321608	96.118	ug/l	99
52) Toluene	10.12	92	107389	18.983	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	72542	19.025	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	78545	19.197	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	43167	19.672	ug/l	98
56) Ethyl methacrylate	10.40	69	68172	18.458	ug/l	99
57) 1,3-Dichloropropane	10.68	76	76572	19.047	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	96065	92.187	ug/l	97
59) 2-Hexanone	10.72	43	235842	93.021	ug/l	99
60) Dibromochloromethane	10.87	129	47415	19.369	ug/l	99
61) 1,2-Dibromoethane	10.98	107	41763	18.277	ug/l	96
64) Tetrachloroethene	10.60	164	34662	19.089	ug/l	94
65) Chlorobenzene	11.40	112	110983	18.942	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	42008	19.059	ug/l	99
67) Ethyl Benzene	11.48	91	202717	18.870	ug/l	98
68) m/p-Xylenes	11.60	106	145985	37.808	ug/l	96
69) o-Xylene	11.92	106	70496	19.227	ug/l	98
70) Styrene	11.94	104	120388	19.437	ug/l	99
71) Bromoform	12.10	173	32158	19.431	ug/l #	100
73) Isopropylbenzene	12.22	105	194952	19.069	ug/l	99
74) N-amyl acetate	12.05	43	87337	19.129	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	65085	18.320	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	87758	26.666	ug/l #	100
77) Bromobenzene	12.50	156	45393	18.476	ug/l	98
78) n-propylbenzene	12.56	91	224702	18.763	ug/l	100
79) 2-Chlorotoluene	12.65	91	137983	18.696	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	170289	20.080	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	21167	17.904	ug/l	94
82) 4-Chlorotoluene	12.75	91	140694	18.315	ug/l	100
83) tert-Butylbenzene	12.97	119	141824	20.140	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	161447	19.406	ug/l	99
85) sec-Butylbenzene	13.15	105	185401	19.666	ug/l	100
86) p-Isopropyltoluene	13.26	119	162634	20.057	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	79496	18.438	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	78974	18.607	ug/l	99
89) n-Butylbenzene	13.59	91	130606	18.746	ug/l	99
90) Hexachloroethane	13.85	117	31158	18.051	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	77008	18.679	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11398	17.671	ug/l	96

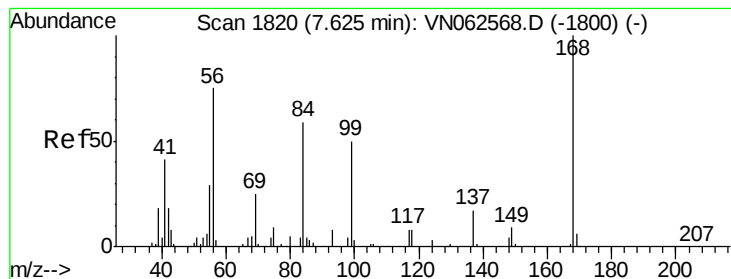
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072820\
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	29918	16.049	ug/l	98
94) Hexachlorobutadiene	14.99	225	23150	20.500	ug/l	98
95) Naphthalene	15.10	128	77500	16.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	30489	15.693	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

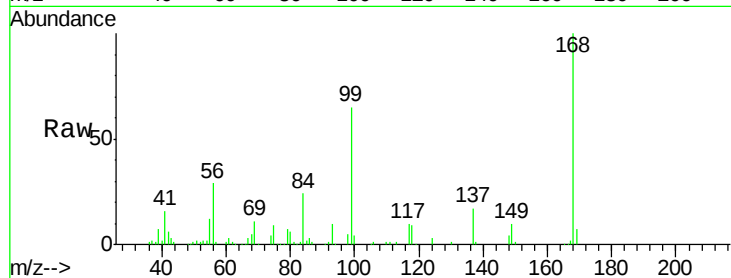
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 182552

Ion Ratio Lower Upper

168 100

99 65.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

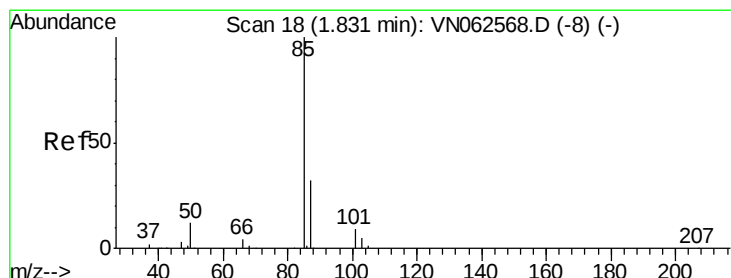
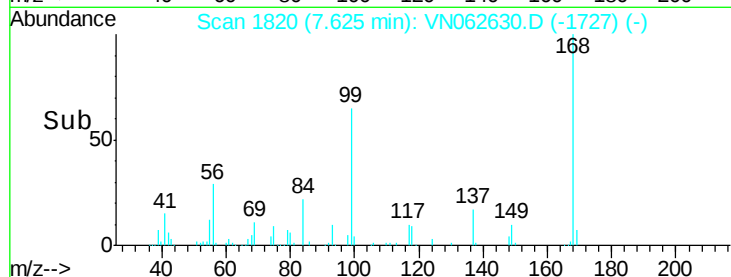
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.050 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062630.D

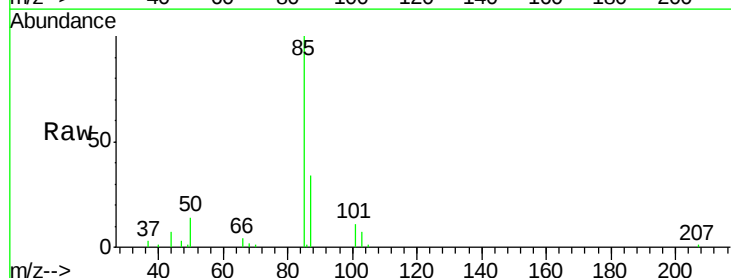
Acq: 28 Jul 2020 13:17

Tgt Ion: 85 Resp: 39305

Ion Ratio Lower Upper

85 100

87 34.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

30000

25000

20000

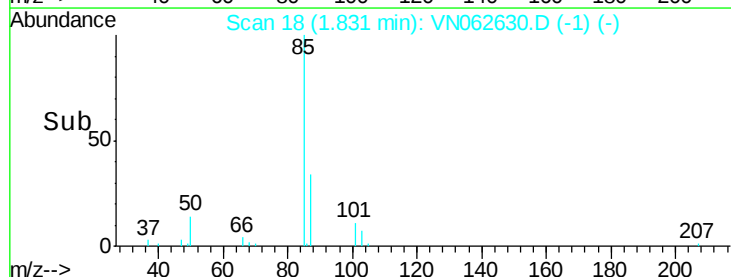
15000

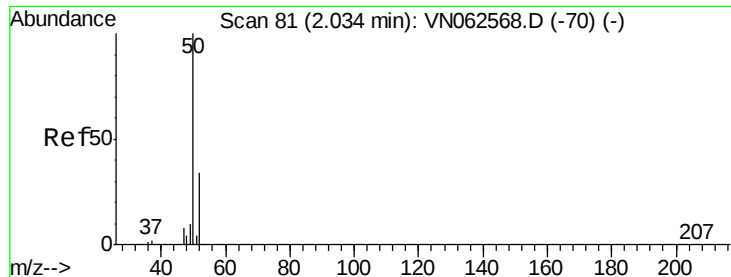
10000

5000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 16.994 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

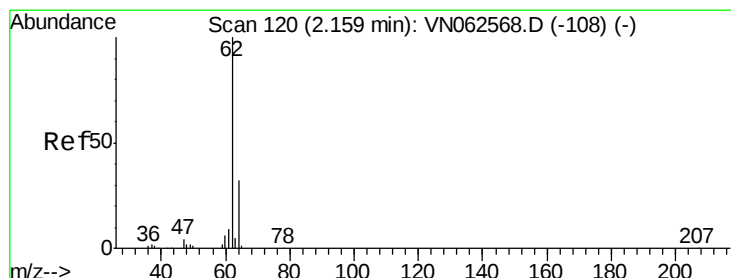
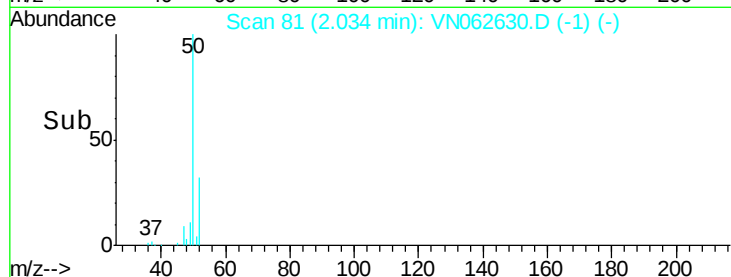
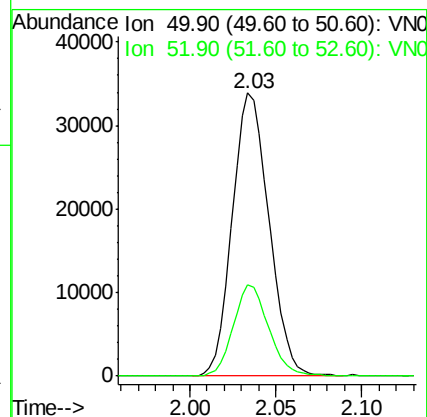
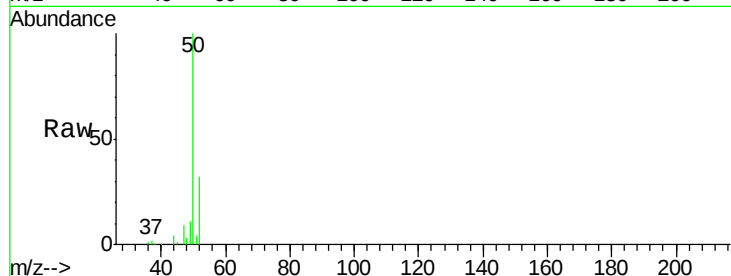
ClientSampleId :

Tot Ion: 50 Resp: 50190

Ion Ratio Lower Upper

50 100

52 32.3 27.0 40.4



#4

Vinyl Chloride

Concen: 17.340 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062630.D

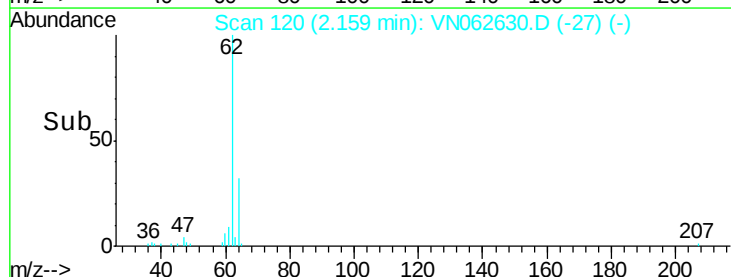
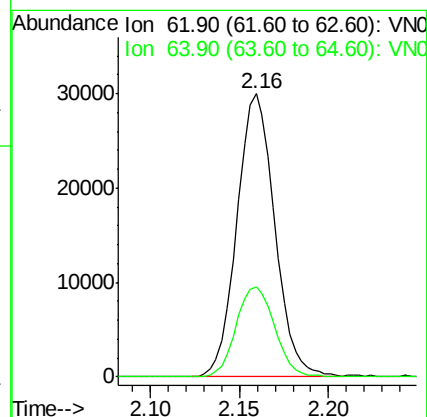
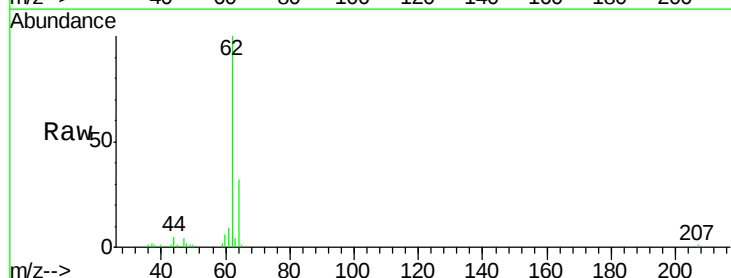
Acq: 28 Jul 2020 13:17

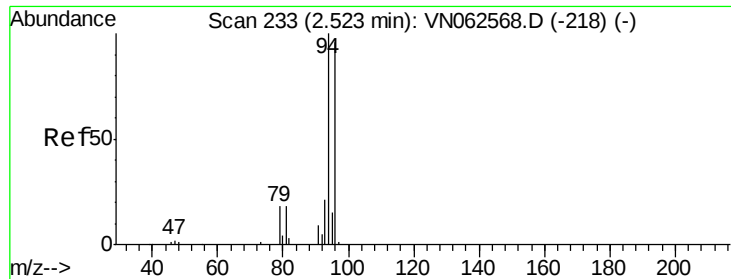
Tgt Ion: 62 Resp: 44394

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8





#5

Bromomethane

Concen: 18.323 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.01 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

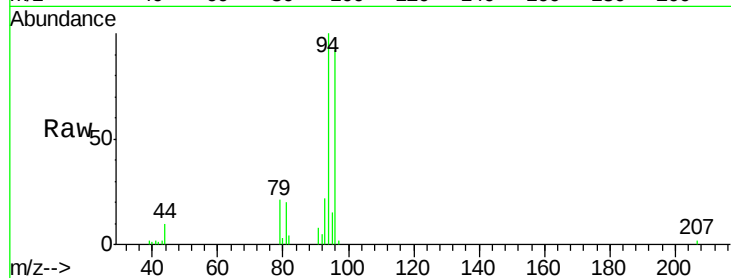
ClientSampleId :

Tot Ion: 94 Resp: 20778

Ion Ratio Lower Upper

94 100

96 91.6 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.51

12000

10000

8000

6000

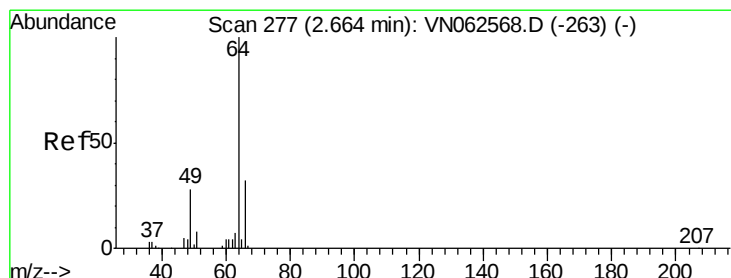
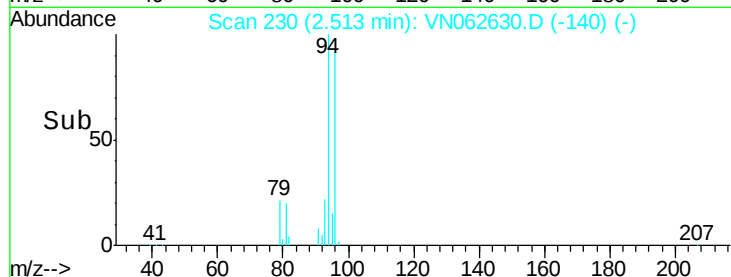
4000

2000

0

Time-->

2.45 2.50 2.55



#6

Chloroethane

Concen: 18.761 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062630.D

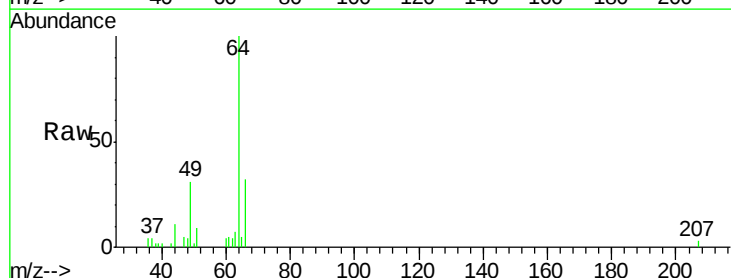
Acq: 28 Jul 2020 13:17

Tgt Ion: 64 Resp: 21728

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.66

12000

10000

8000

6000

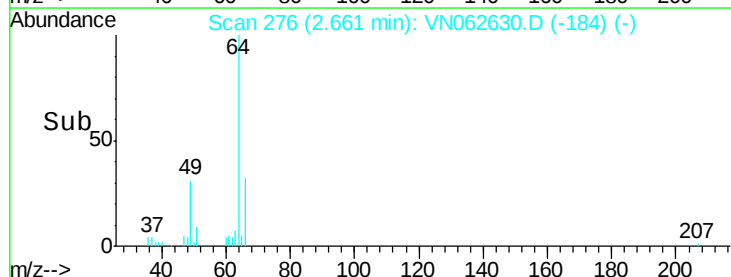
4000

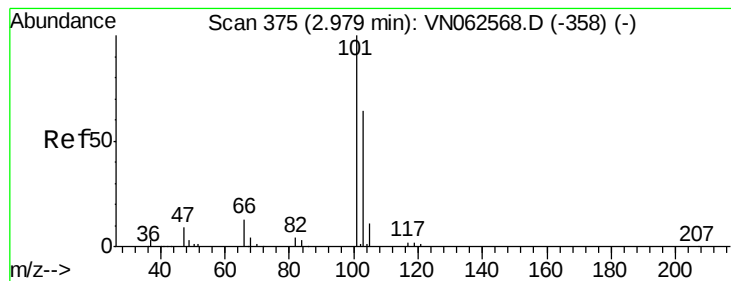
2000

0

Time-->

2.60 2.65 2.70



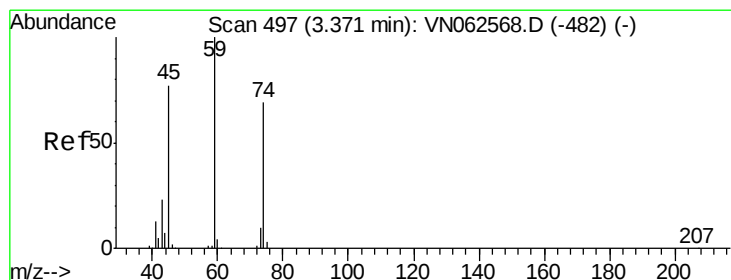
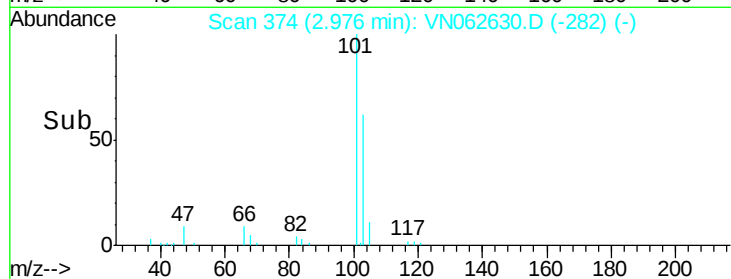
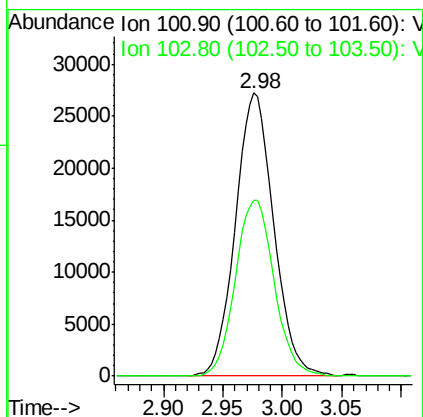
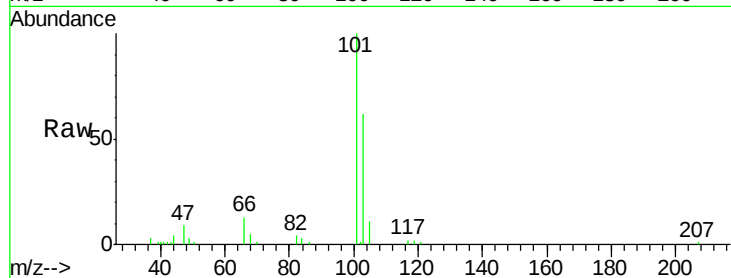


#7

Trichlorofluoromethane
 Concen: 20.173 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampled :

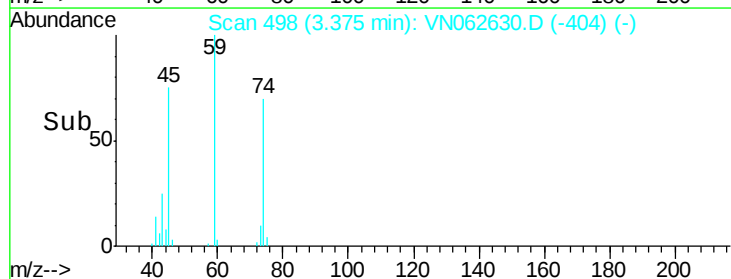
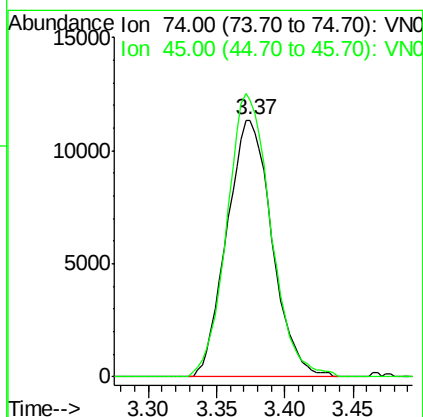
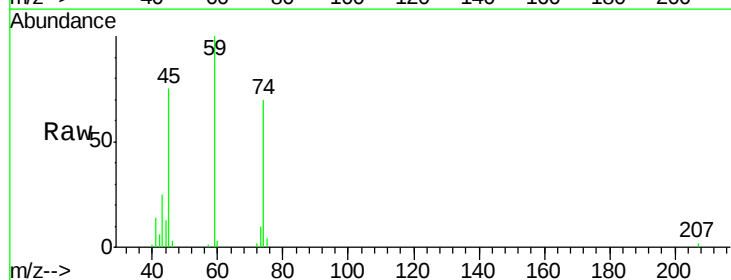
Tot Ion:101 Resp: 60642
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.5 77.3

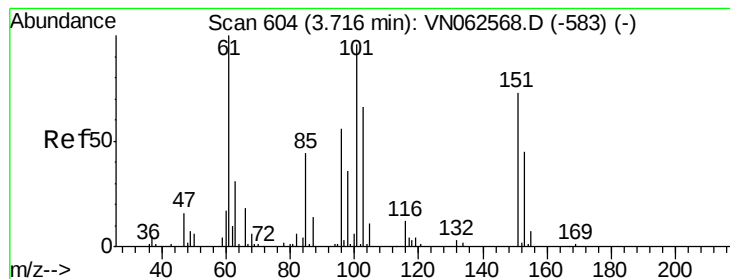


#8

Diethyl Ether
 Concen: 18.580 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 74 Resp: 26118
 Ion Ratio Lower Upper
 74 100
 45 107.2 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.696 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampled :

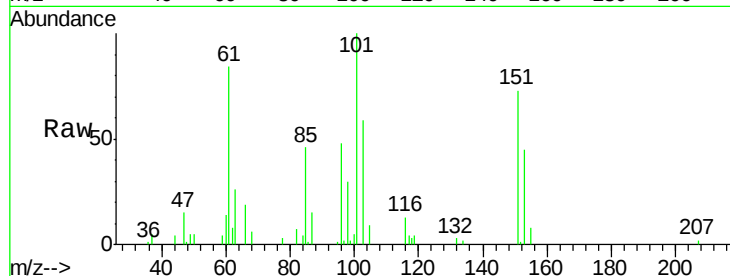
Tot Ion:101 Resp: 36034

Ion Ratio Lower Upper

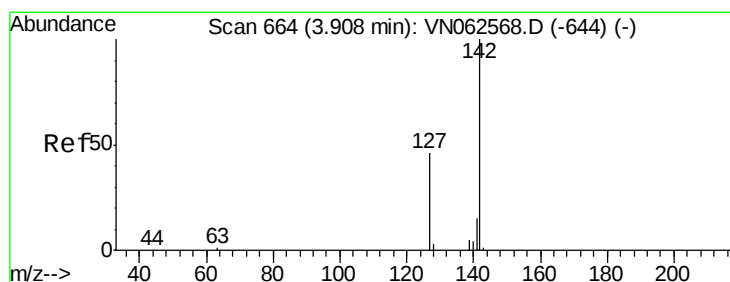
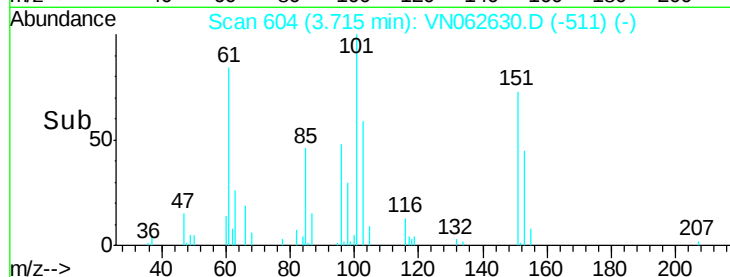
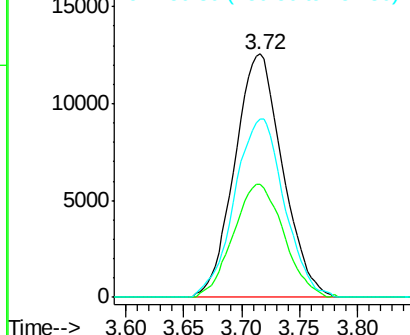
101 100

85 48.8 36.0 54.0

151 76.3 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.455 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

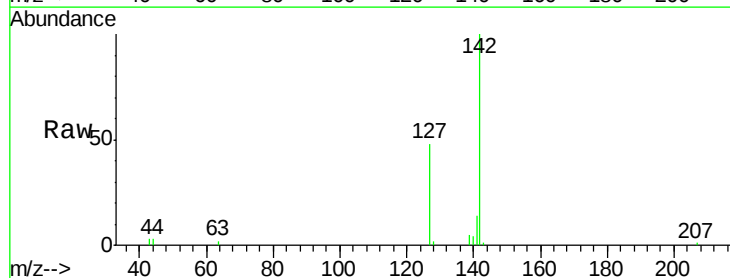
Tgt Ion:142 Resp: 35618

Ion Ratio Lower Upper

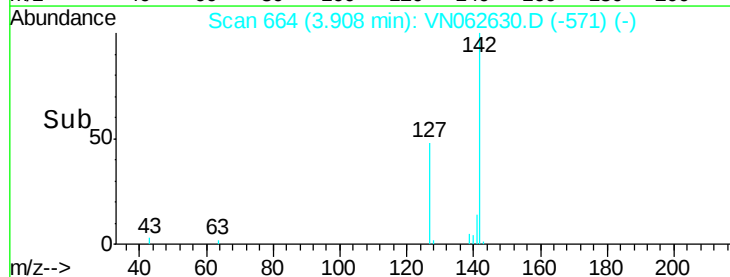
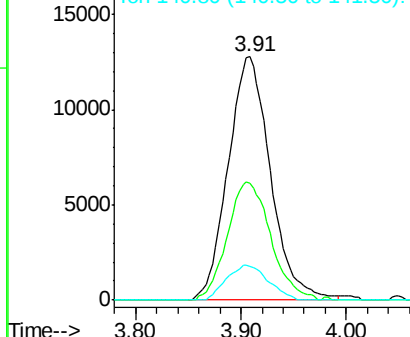
142 100

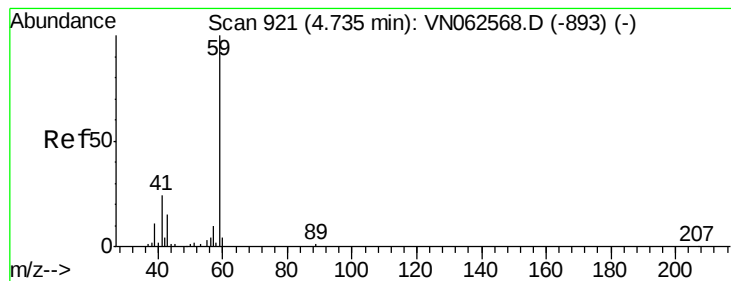
127 49.6 37.4 56.0

141 14.2 11.9 17.9



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: 93.297 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

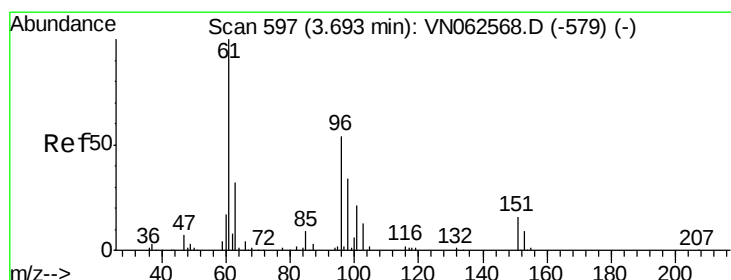
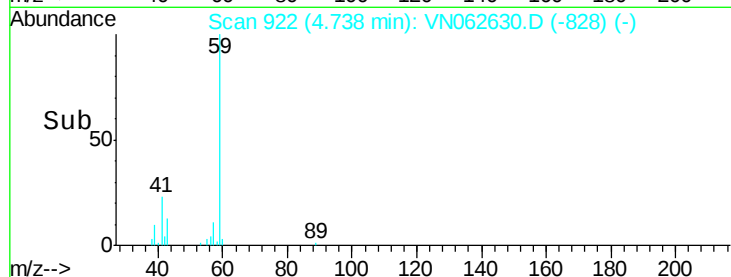
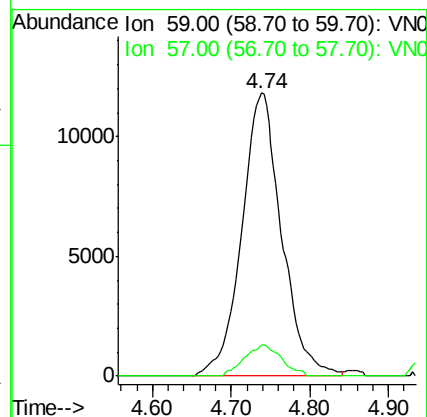
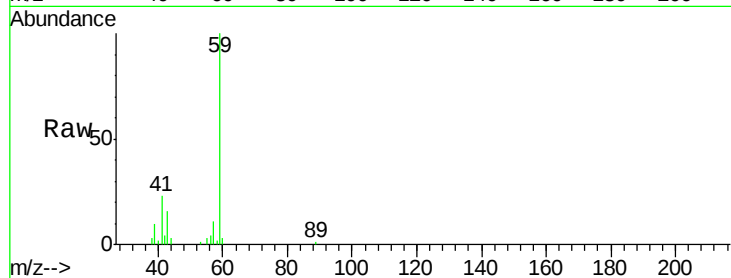
ClientSampled :

Tot Ion: 59 Resp: 42089

Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.2



#12

1,1-Dichloroethene

Concen: 18.812 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

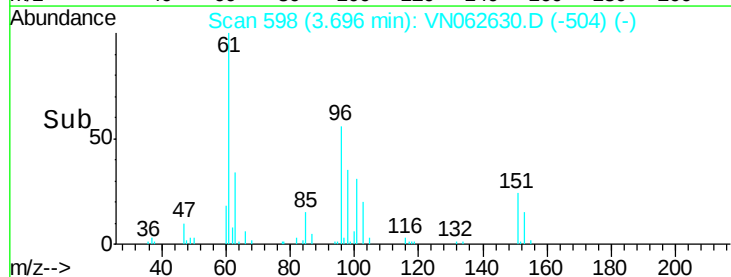
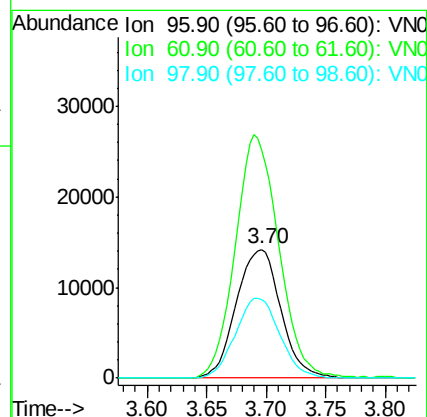
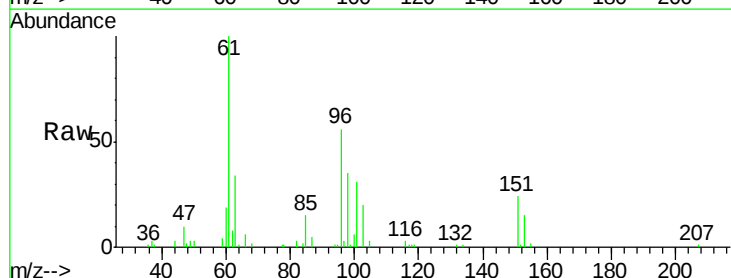
Tgt Ion: 96 Resp: 36772

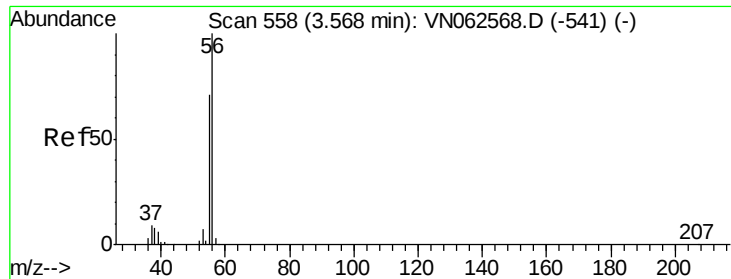
Ion Ratio Lower Upper

96 100

61 177.3 148.6 222.8

98 61.4 50.6 75.8





#13

Acrolein

Concen: 75.456 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

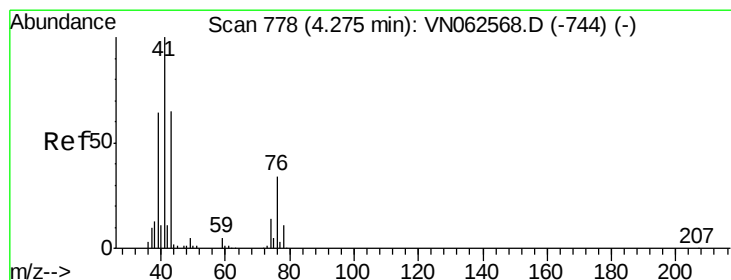
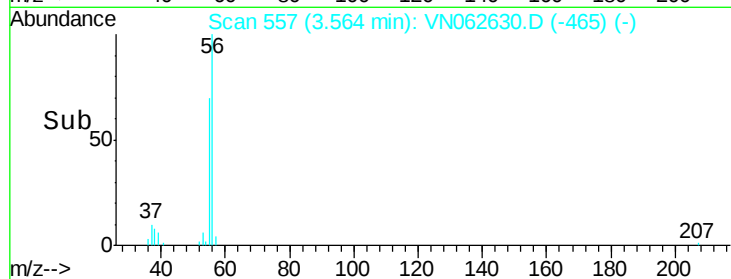
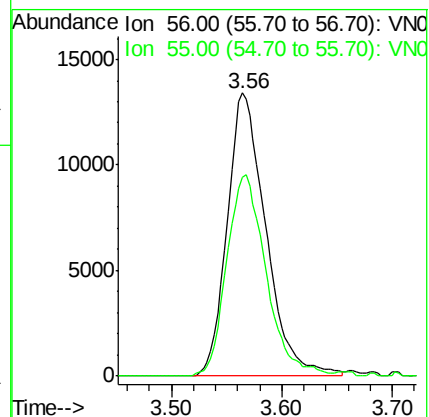
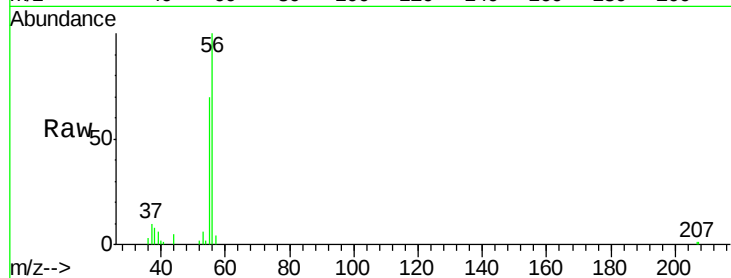
ClientSampled :

Tot Ion: 56 Resp: 32632

Ion Ratio Lower Upper

56 100

55 72.3 57.0 85.4



#14

Allyl chloride

Concen: 17.347 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

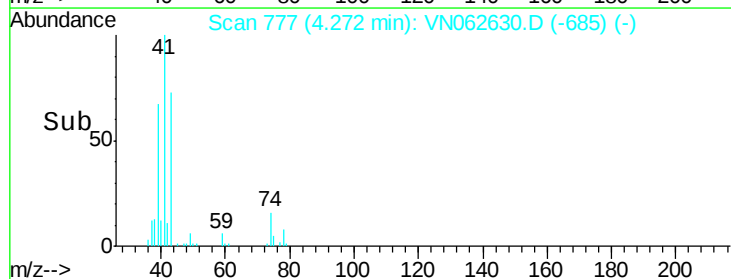
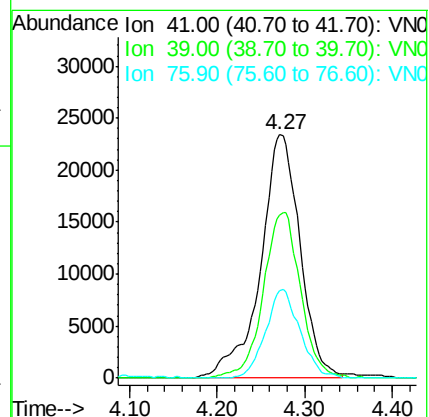
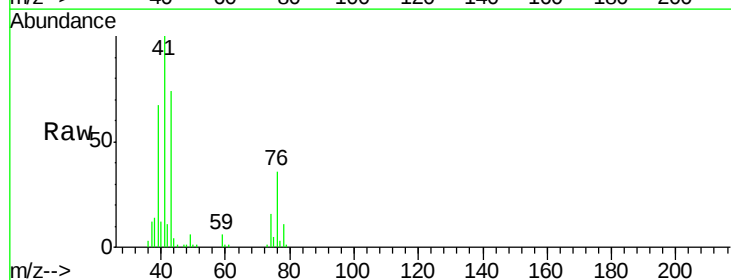
Tgt Ion: 41 Resp: 73346

Ion Ratio Lower Upper

41 100

39 63.9 49.0 73.4

76 31.7 24.0 36.0





#15

Acrylonitrile

Concen: 94.036 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

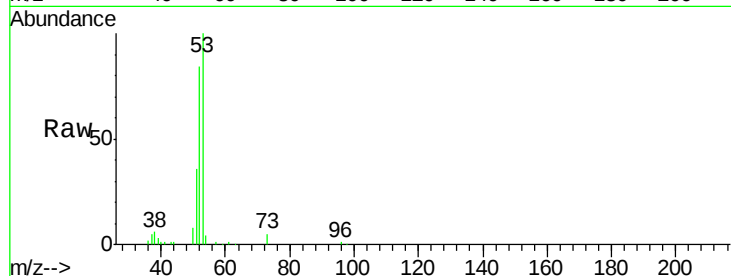
Tot Ion: 53 Resp: 113627

Ion Ratio Lower Upper

53 100

52 84.0 66.3 99.5

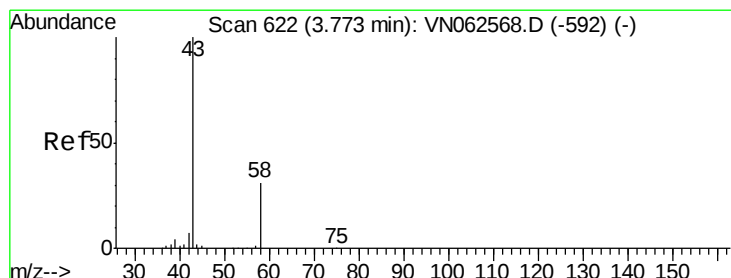
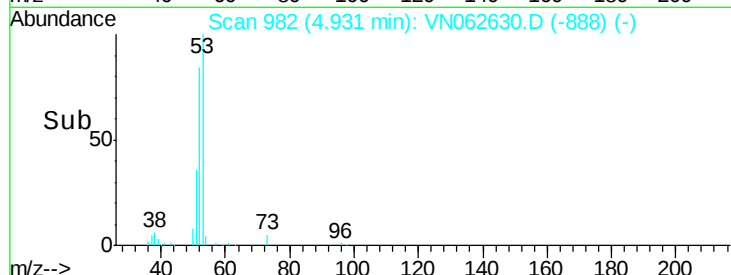
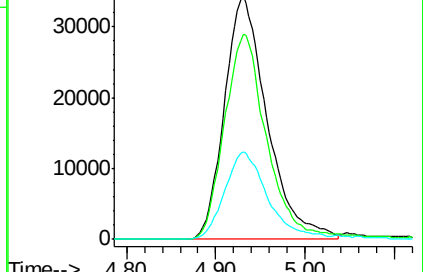
51 36.3 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN062630.D (-888) (-)

Ion 52.00 (51.70 to 52.70): VN062630.D (-888) (-)

Ion 51.00 (50.70 to 51.70): VN062630.D (-888) (-)



#16

Acetone

Concen: 94.412 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062630.D

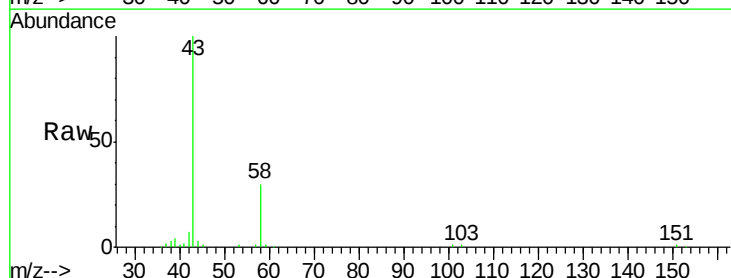
Acq: 28 Jul 2020 13:17

Tgt Ion: 43 Resp: 100752

Ion Ratio Lower Upper

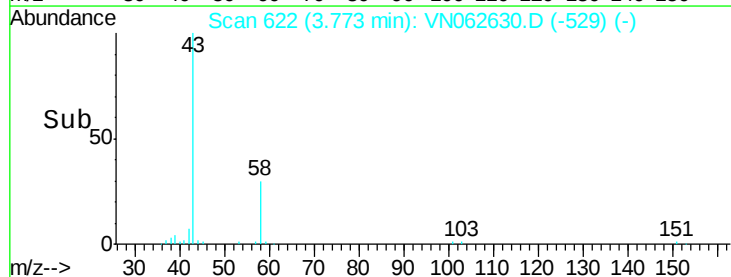
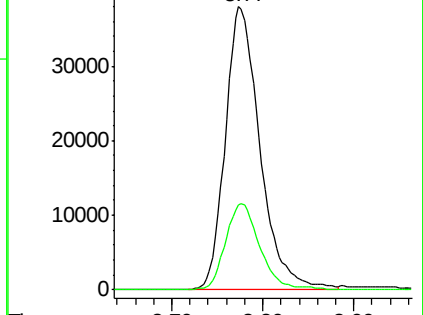
43 100

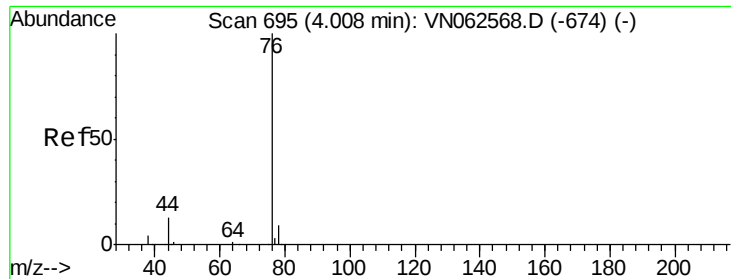
58 29.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN062630.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062630.D (-529) (-)

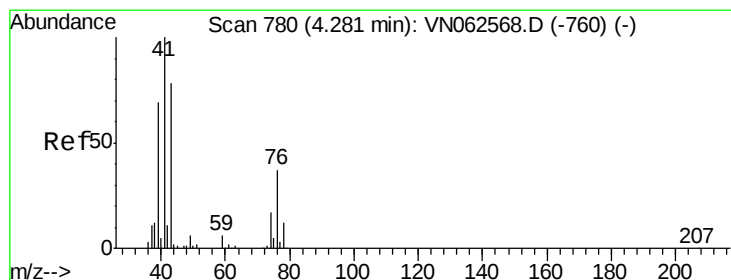
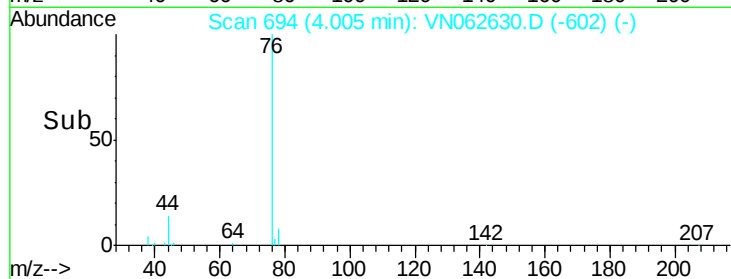
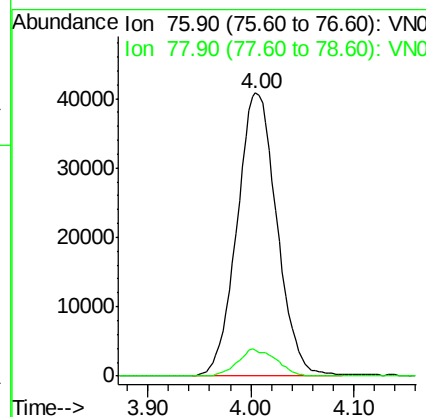
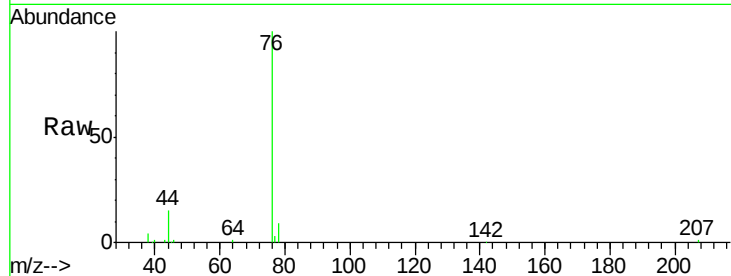




#17
Carbon Disulfide
Concen: 17.075 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

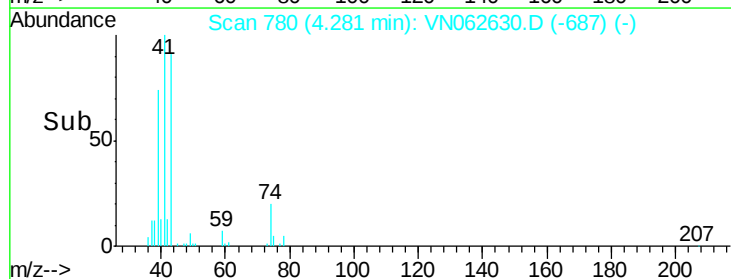
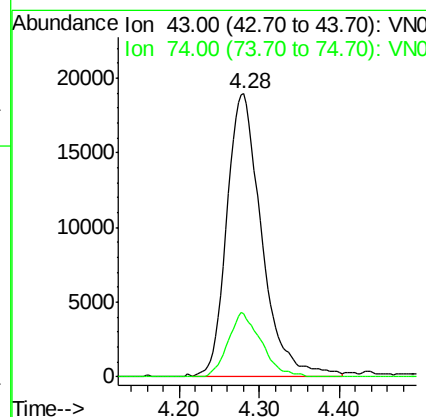
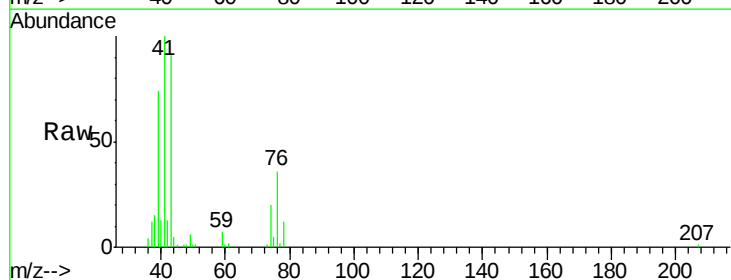
Instrument :
MSVOA_N
ClientSampleId :

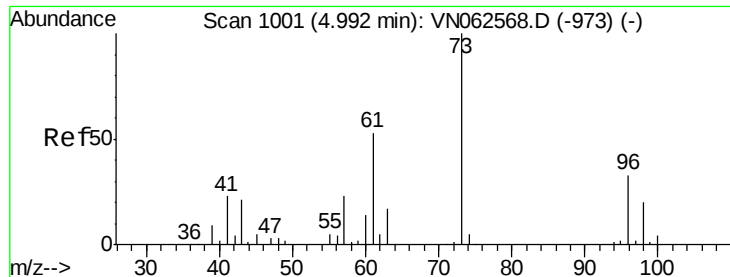
Tot Ion: 76 Resp: 109663
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 21.004 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 43 Resp: 56744
Ion Ratio Lower Upper
43 100
74 21.5 16.6 24.8

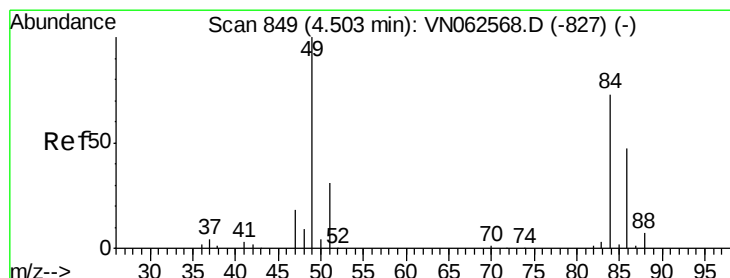
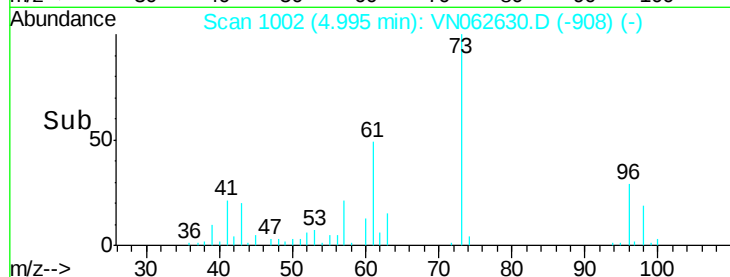
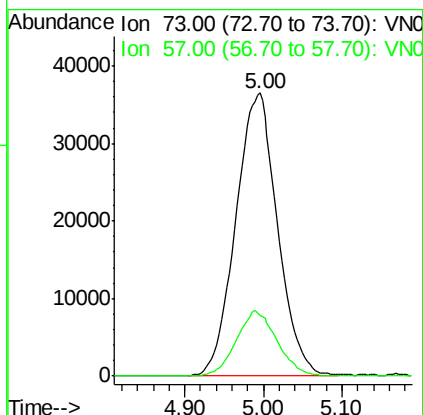
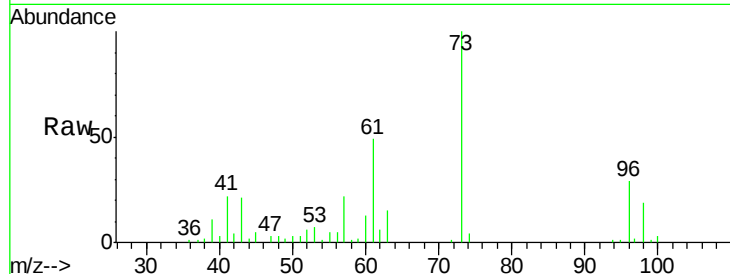




#19
Methvl tert-butvl Ether
Concen: 18.900 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

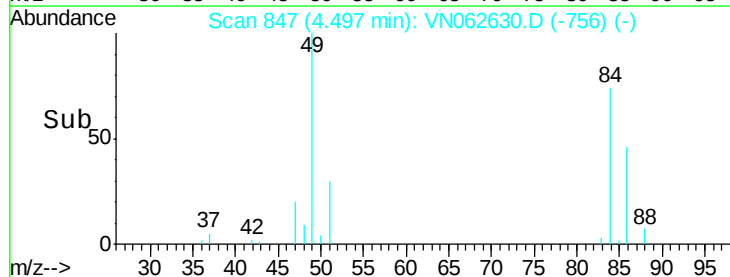
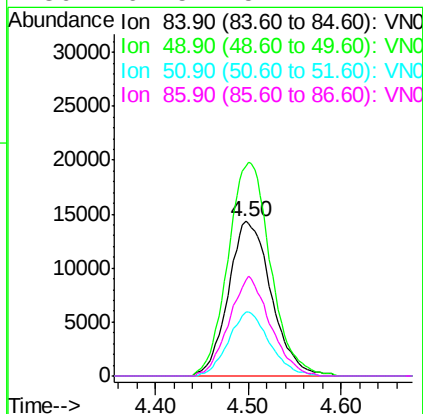
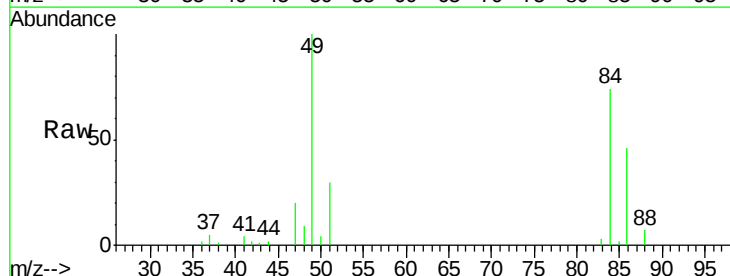
Instrument :
MSVOA_N
ClientSampled :

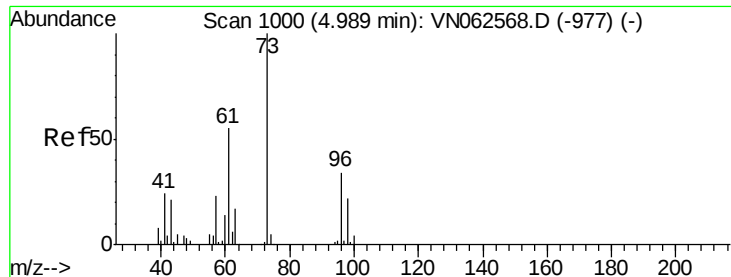
Tot Ion: 73 Resp: 135972
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8



#20
Methylene Chloride
Concen: 18.032 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 84 Resp: 46153
Ion Ratio Lower Upper
84 100
49 136.0 109.4 164.0
51 41.4 33.6 50.4
86 62.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.780 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

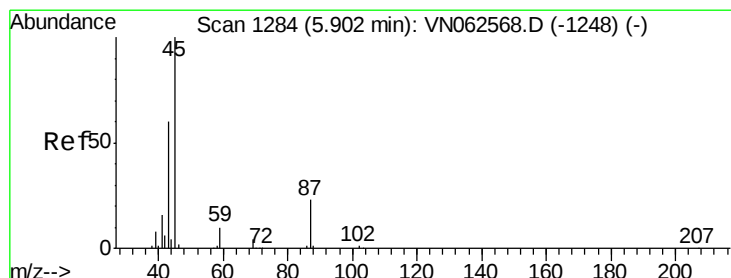
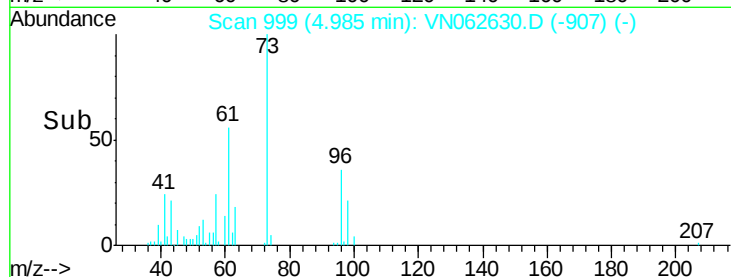
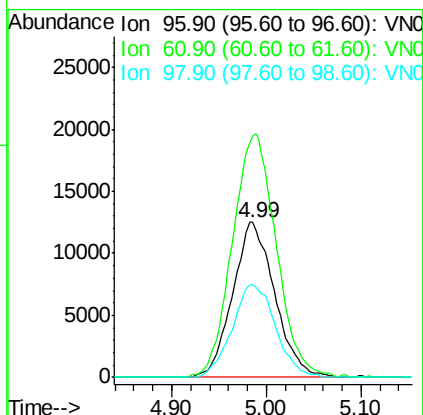
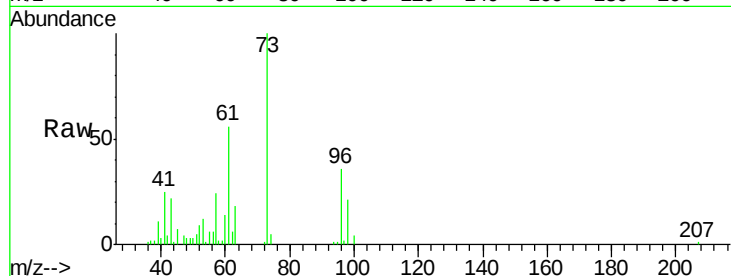
Tot Ion: 96 Resp: 38572

Ion Ratio Lower Upper

96 100

61 155.6 128.6 192.8

98 59.8 50.6 76.0



#22

Diisopropyl ether

Concen: 18.140 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Tgt Ion: 45 Resp: 152455

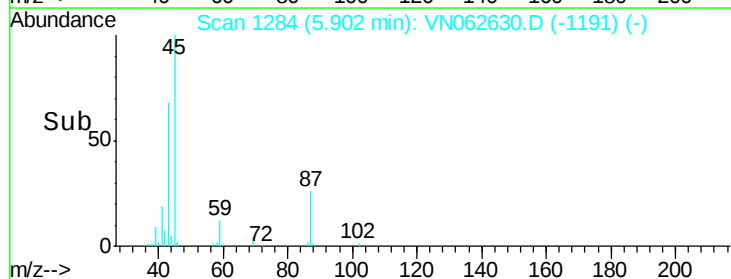
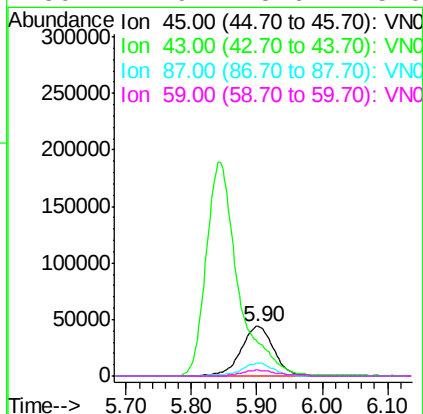
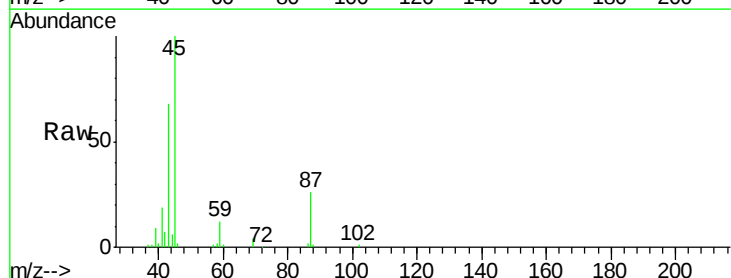
Ion Ratio Lower Upper

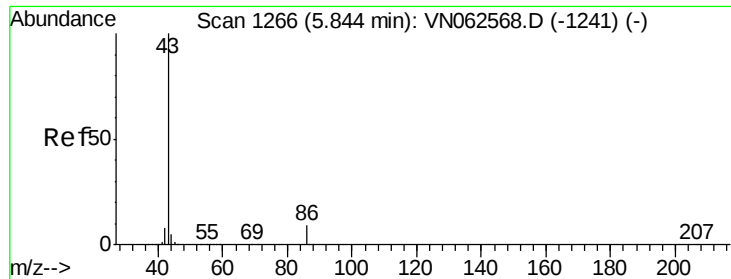
45 100

43 65.9 48.7 73.1

87 25.9 19.0 28.6

59 11.9 8.6 13.0

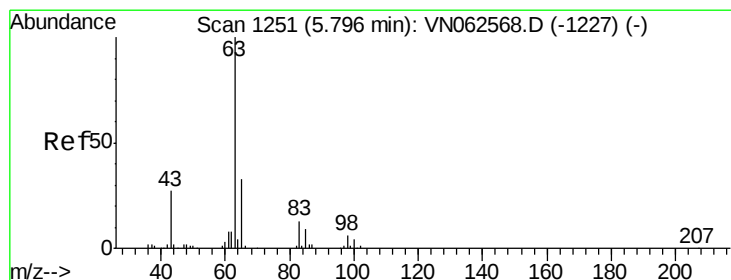
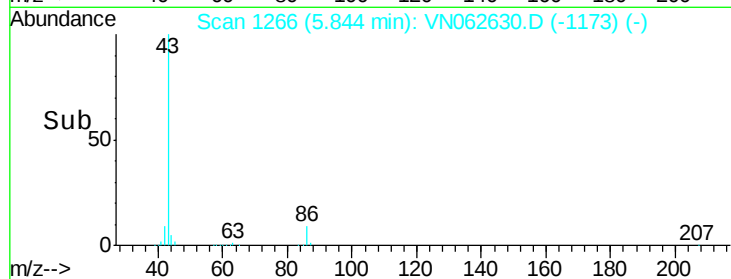
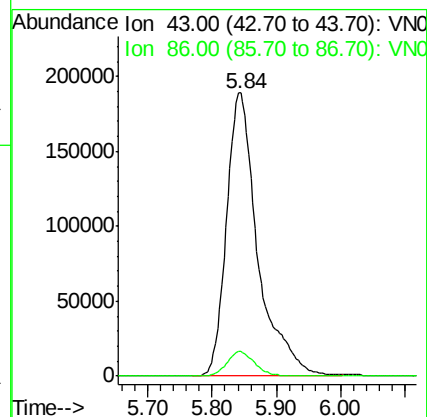
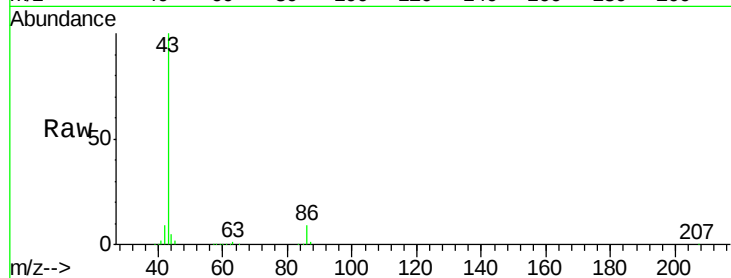




#23
 Vinyl Acetate
 Concen: 92.971 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

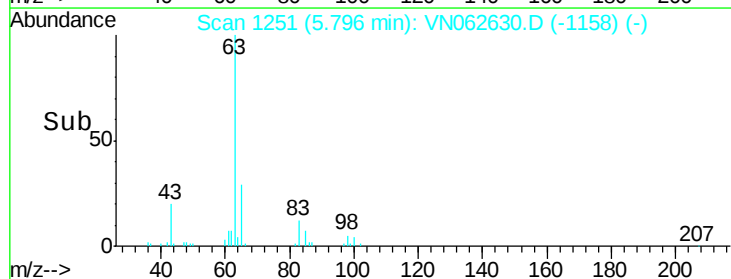
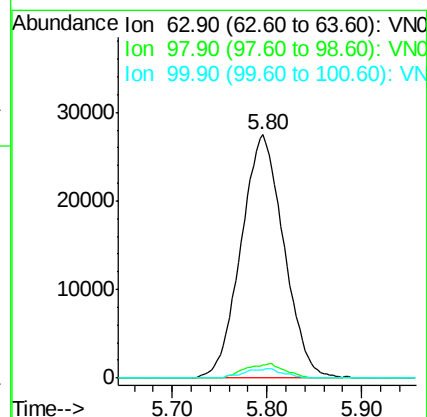
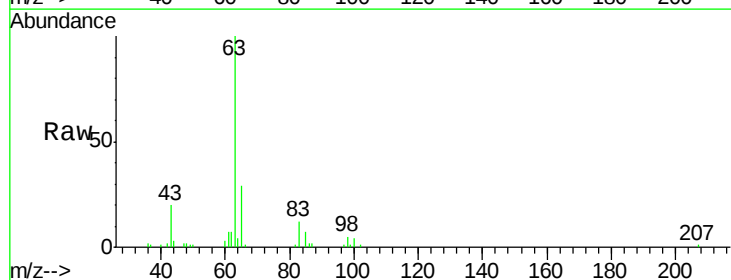
Instrument :
 MSVOA_N
 ClientSampleId :

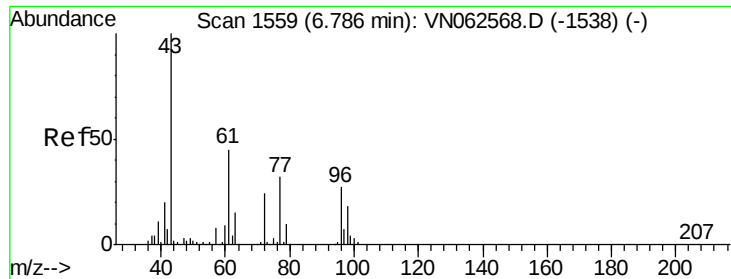
Tot Ion: 43 Resp: 640235
 Ion Ratio Lower Upper
 43 100
 86 8.8 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 19.043 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 63 Resp: 86184
 Ion Ratio Lower Upper
 63 100
 98 5.2 2.9 8.8
 100 3.6 1.8 5.4

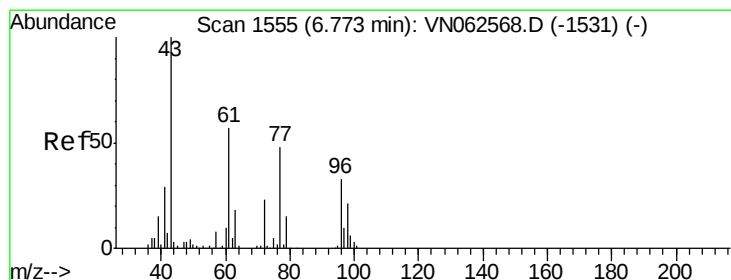
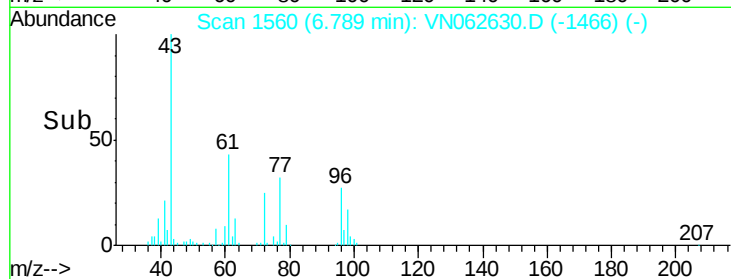
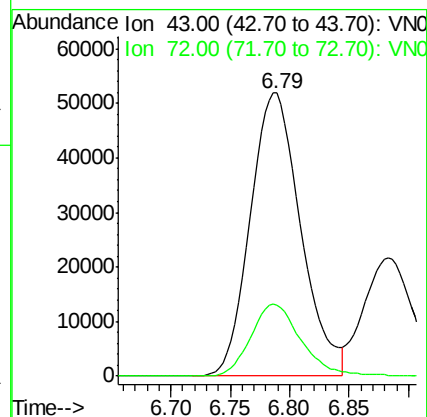
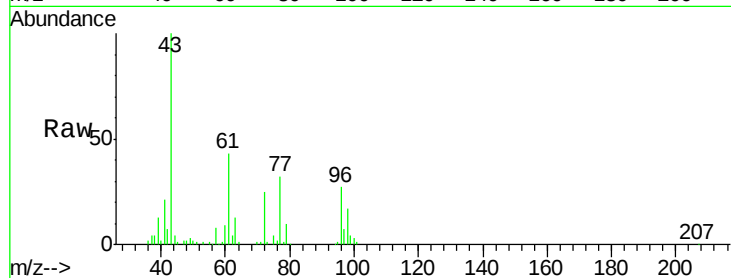




#25
2-Butanone
Concen: 93.834 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

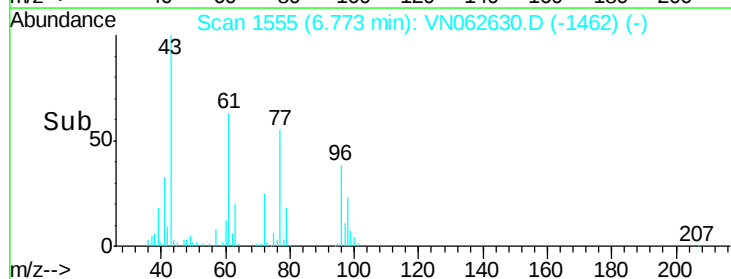
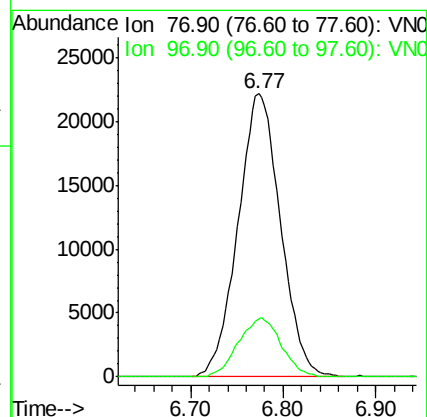
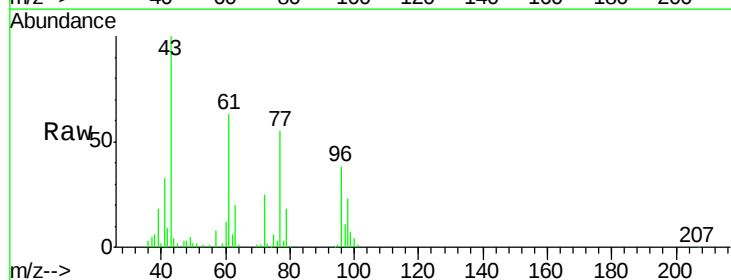
Instrument :
MSVOA_N
ClientSampled :

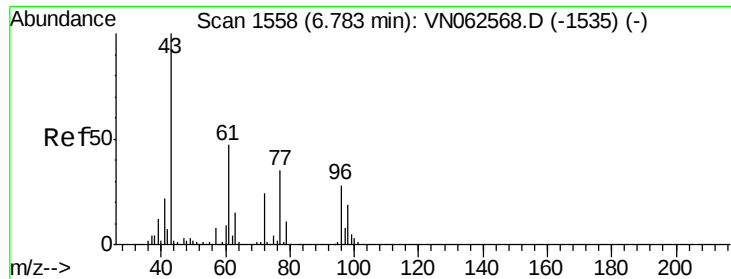
Tot Ion: 43 Resp: 152504
Ion Ratio Lower Upper
43 100
72 25.0 19.0 28.6



#26
2,2-Dichloropropane
Concen: 18.948 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 77 Resp: 70398
Ion Ratio Lower Upper
77 100
97 20.9 10.8 32.4

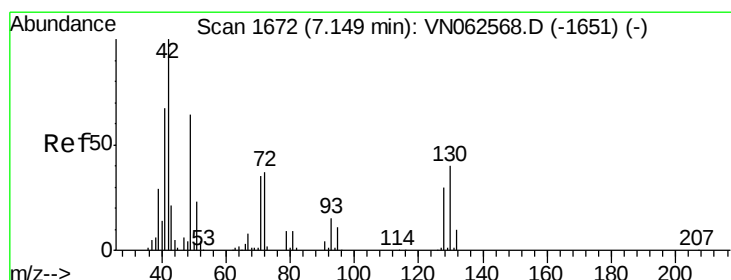
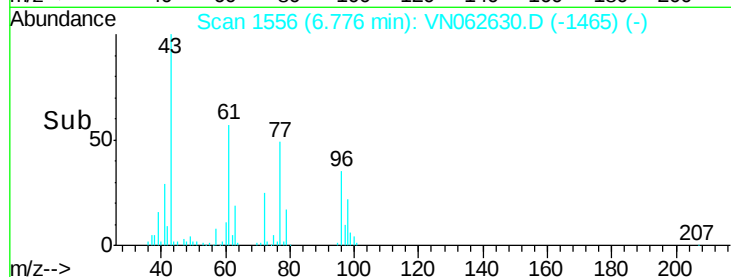
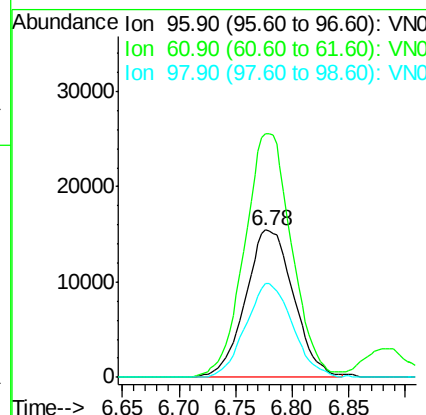
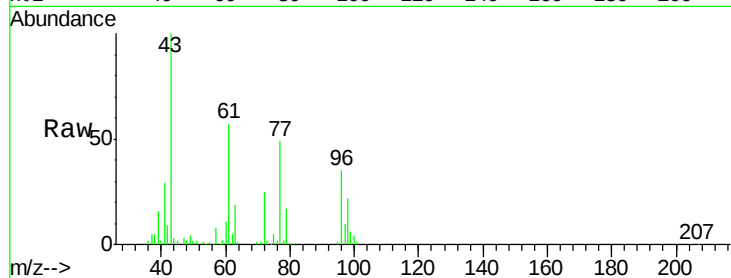




#27
 cis-1,2-Dichloroethene
 Concen: 18.491 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

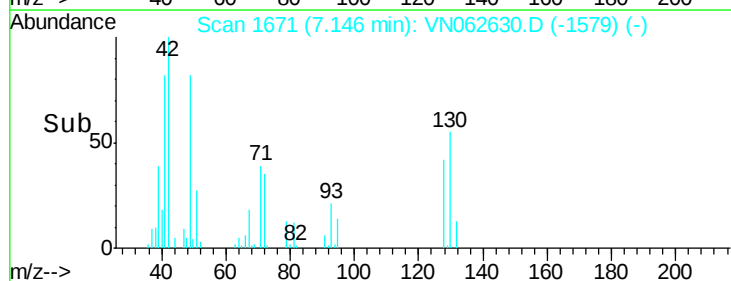
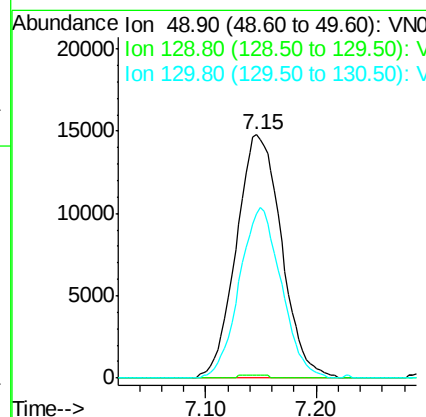
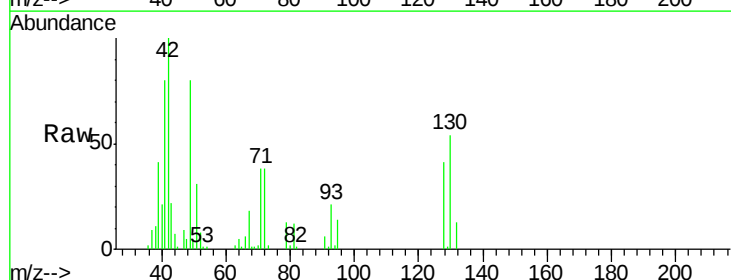
Instrument :
 MSVOA_N
 ClientSampleId :

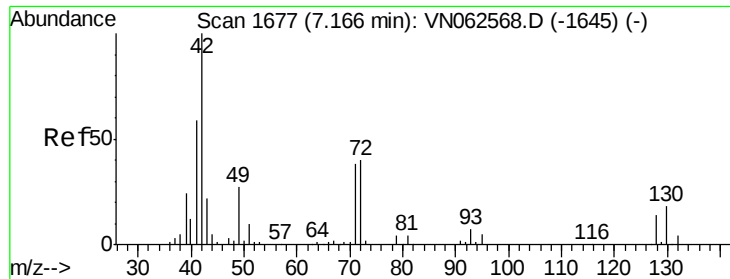
Tot Ion: 96 Resp: 45775
 Ion Ratio Lower Upper
 96 100
 61 161.9 0.0 332.4
 98 61.9 0.0 127.4



#28
 Bromochloromethane
 Concen: 18.839 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 49 Resp: 41959
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.4
 130 65.1 49.8 74.8

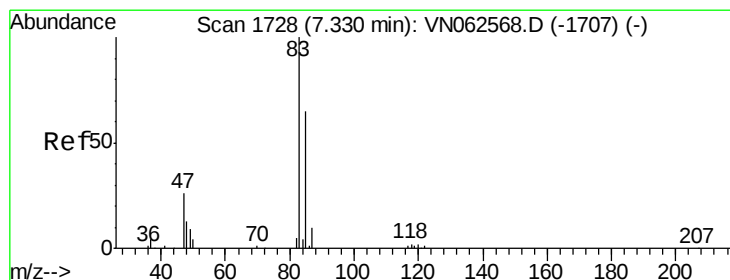
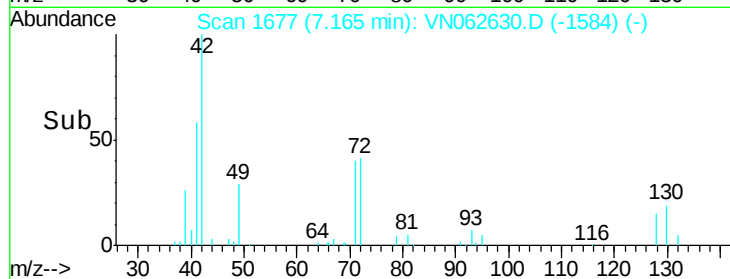
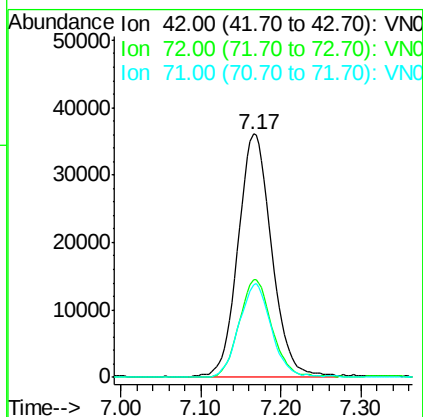
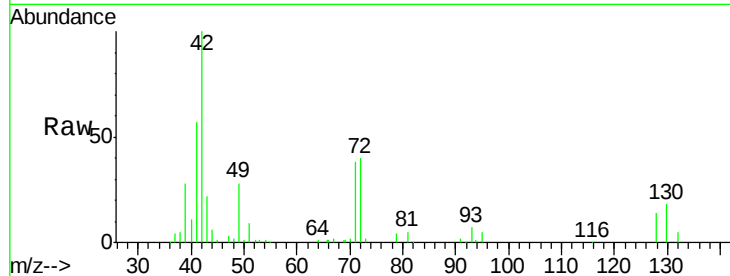




#29
Tetrahydrofuran
Concen: 93.703 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

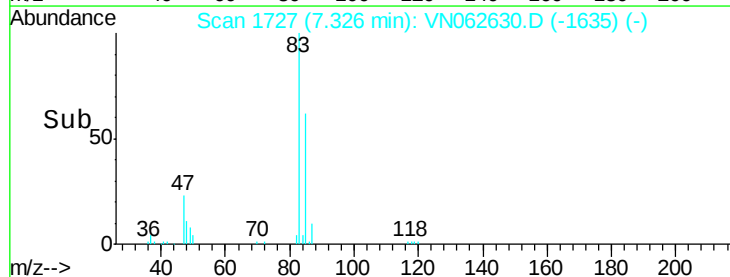
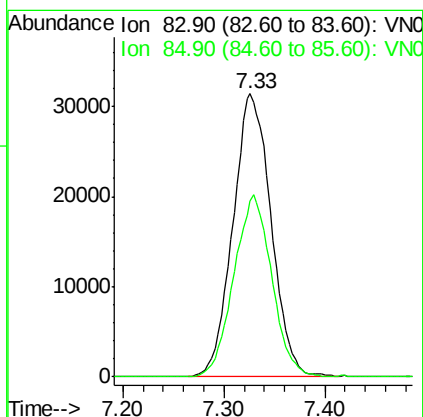
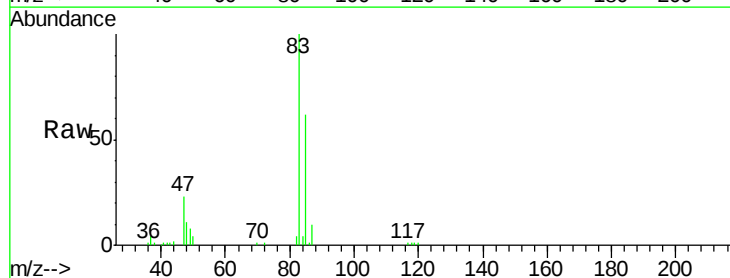
Instrument :
MSVOA_N
ClientSampled :

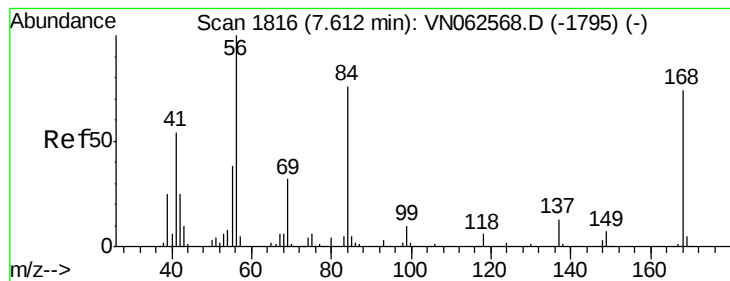
Tot Ion: 42 Resp: 103048
Ion Ratio Lower Upper
42 100
72 38.8 30.7 46.1
71 36.7 29.1 43.7



#30
Chloroform
Concen: 19.169 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 83 Resp: 82484
Ion Ratio Lower Upper
83 100
85 62.2 52.0 78.0





#31

Cyclohexane

Concen: 17.889 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

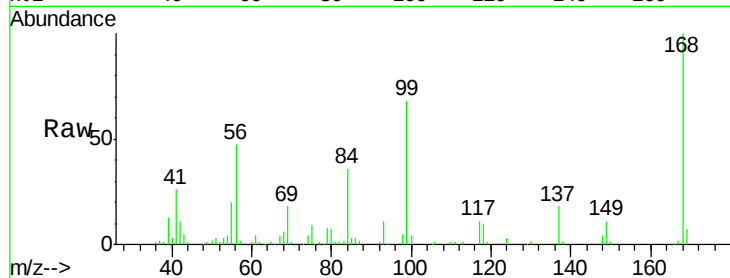
Tot Ion: 56 Resp: 74749

Ion Ratio Lower Upper

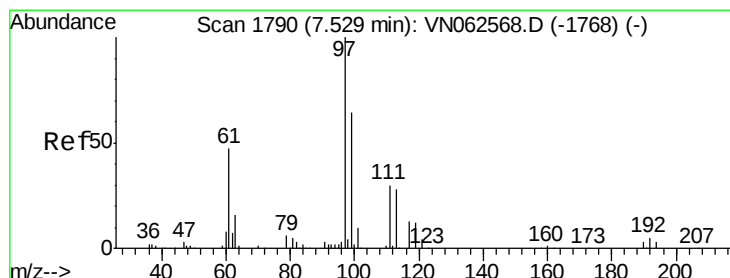
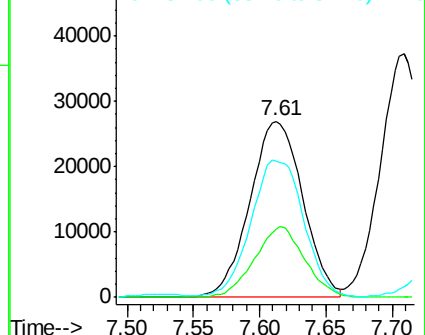
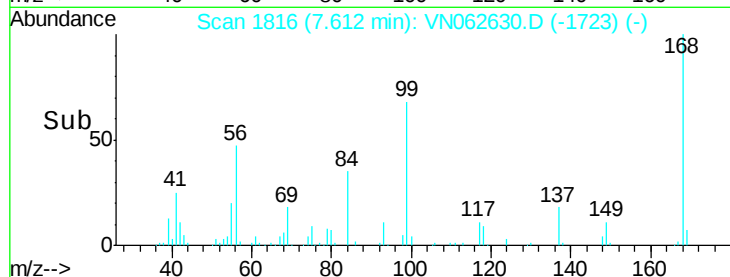
56 100

69 38.8 25.3 37.9#

84 76.7 61.0 91.4



Abundance Ion 56.00 (55.70 to 56.70): VN062630.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 19.637 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

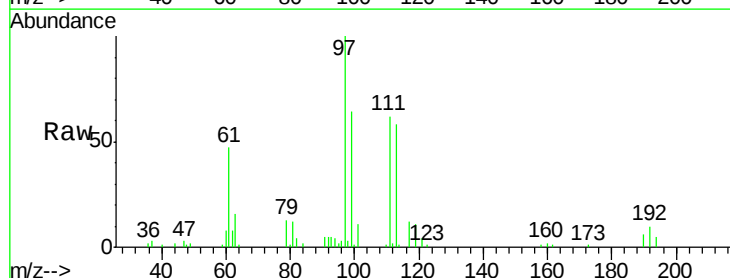
Tgt Ion: 97 Resp: 70548

Ion Ratio Lower Upper

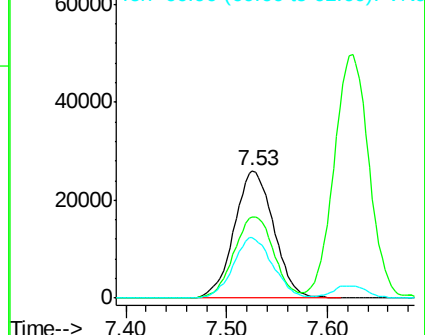
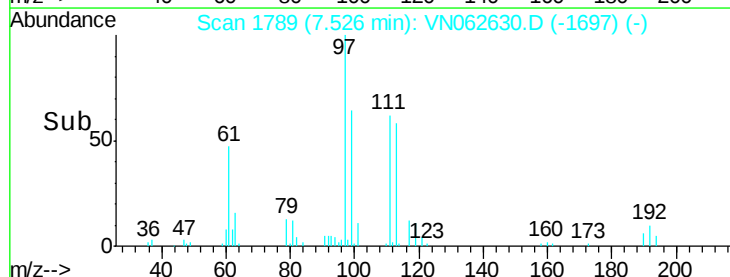
97 100

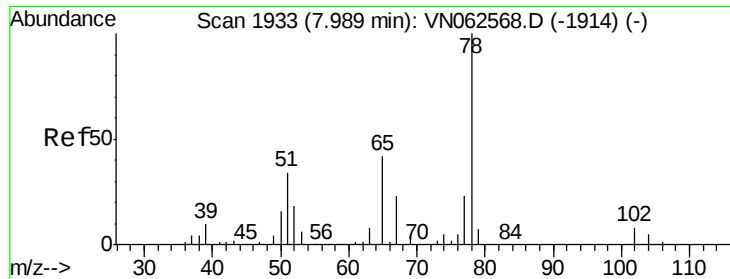
99 64.3 51.2 76.8

61 47.4 38.4 57.6



Abundance Ion 96.90 (96.60 to 97.60): VN062630.D (-1697) (-)

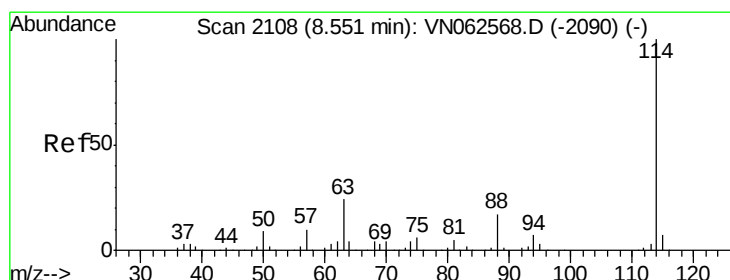
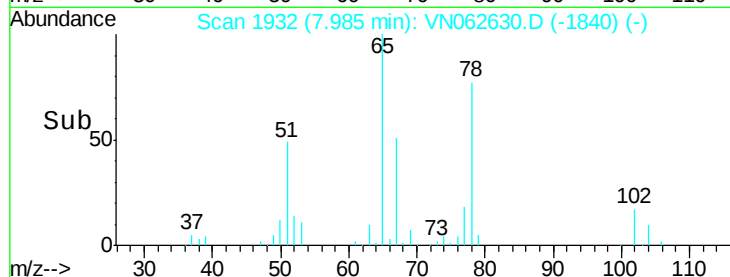
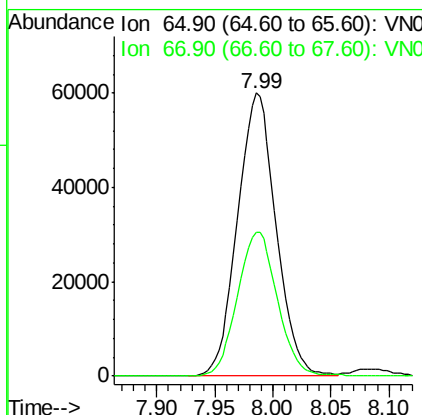
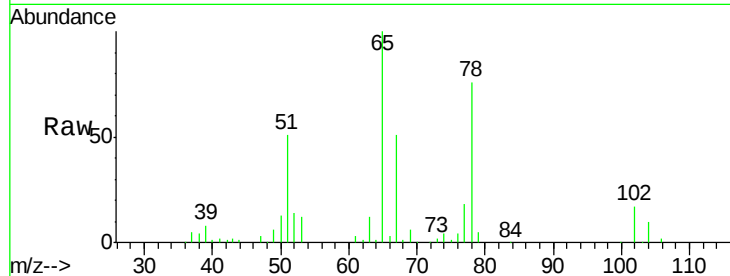




#33
 1,2-Dichloroethane-d4
 Concen: 49.013 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

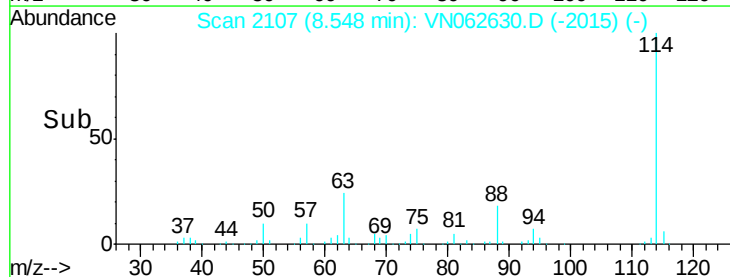
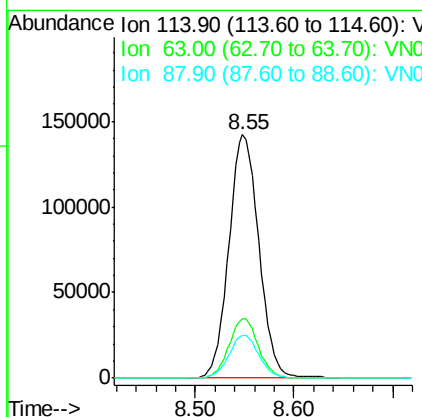
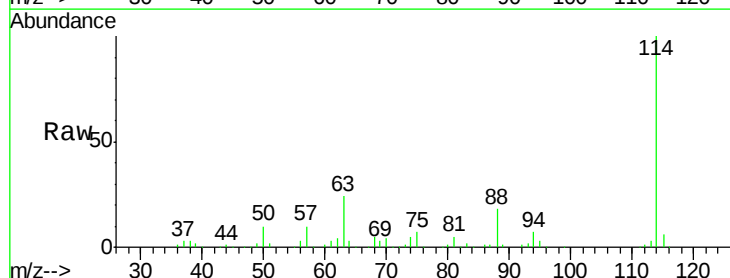
Instrument :
 MSVOA_N
 ClientSampleId :

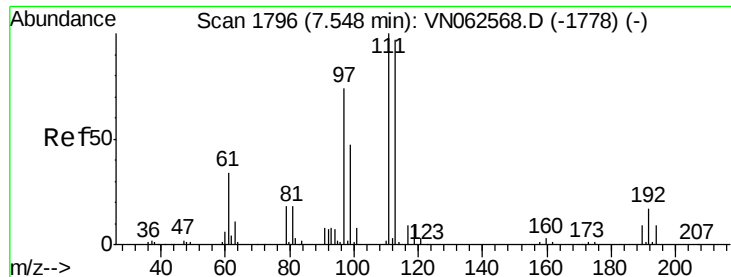
Tot Ion: 65 Resp: 138993
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 114 Resp: 301912
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.4
 88 17.6 0.0 33.8

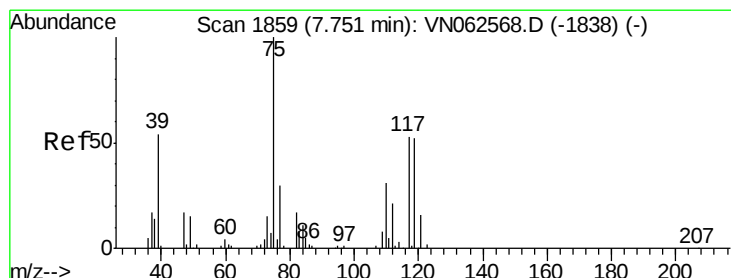
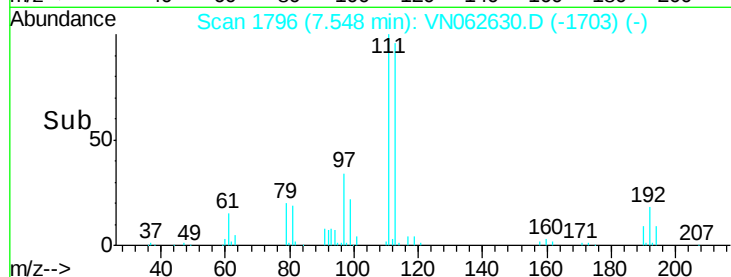
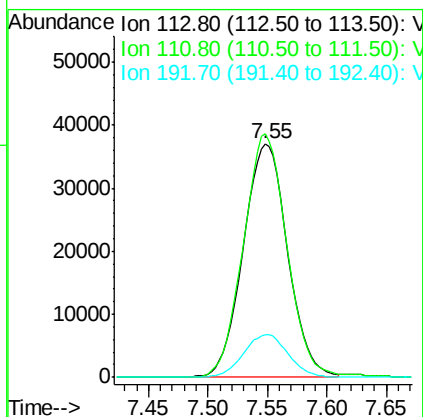
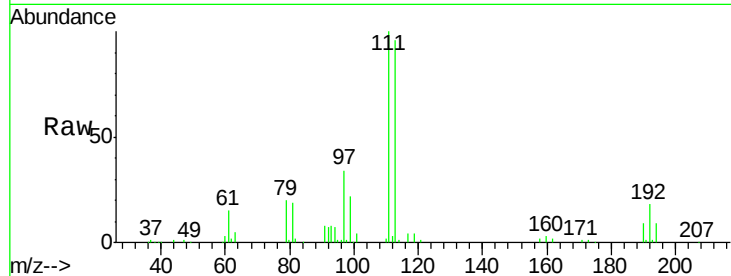




#35
 Dibromofluoromethane
 Concen: 48.156 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

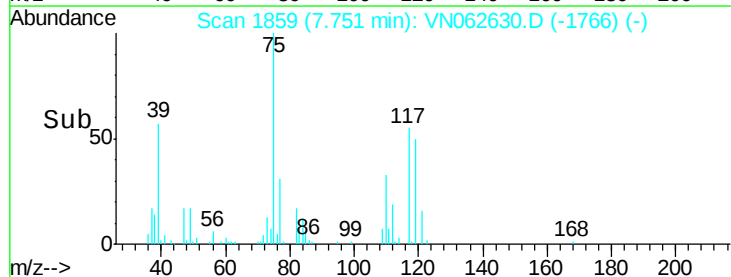
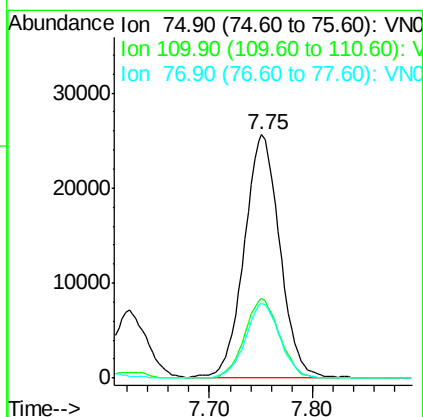
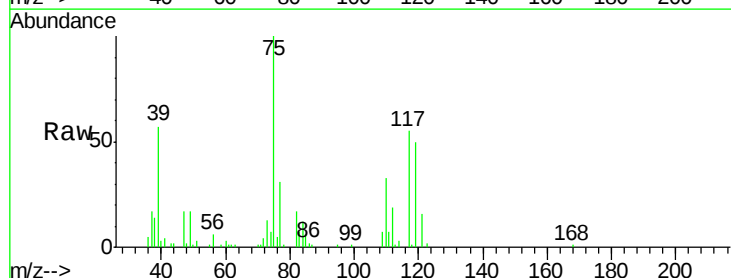
Instrument :
 MSVOA_N
 ClientSampled :

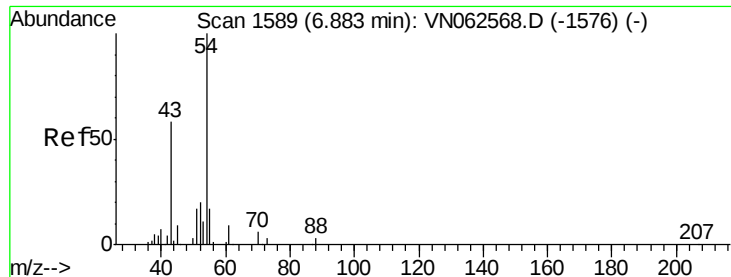
Tot Ion:113 Resp: 95500
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.7 124.1
 192 18.4 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 19.080 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 75 Resp: 61401
 Ion Ratio Lower Upper
 75 100
 110 31.8 16.0 48.0
 77 29.8 24.6 36.8

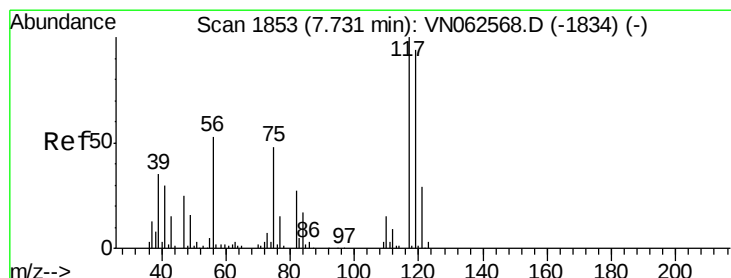
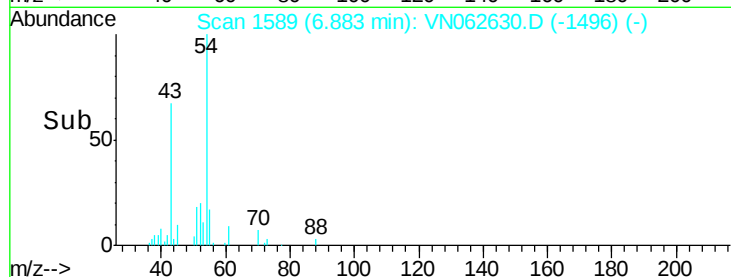
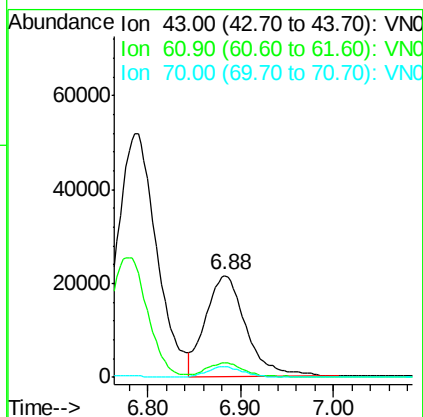
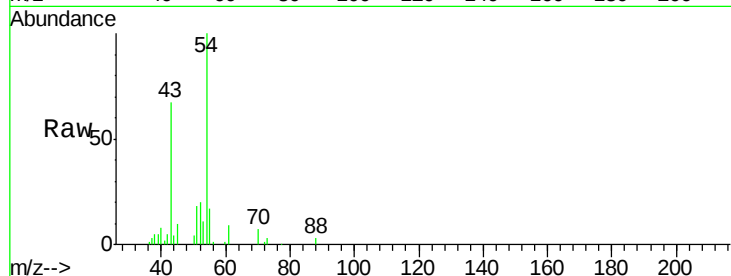




#37
Ethyl Acetate
Concen: 18.689 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

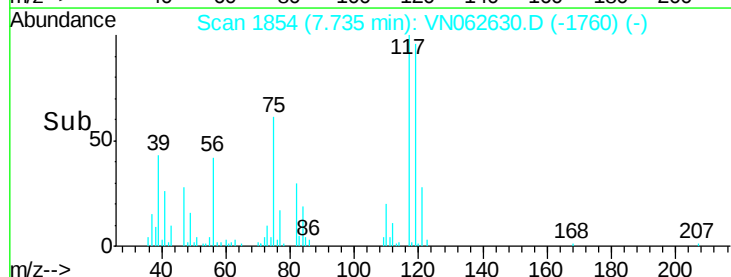
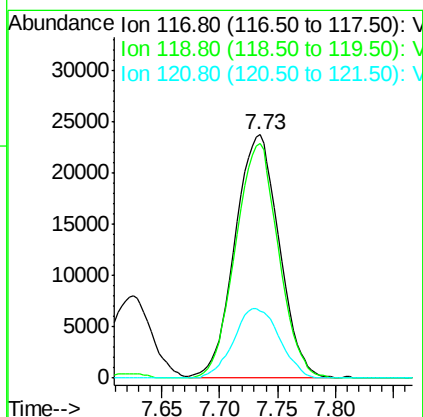
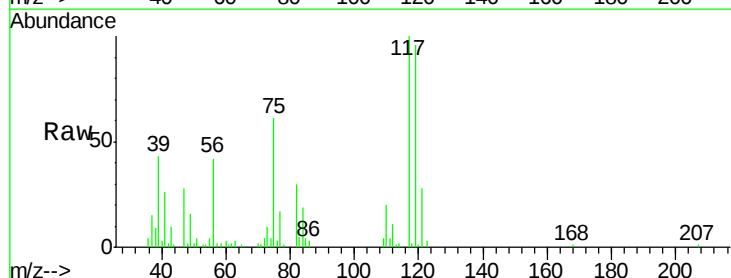
Instrument :
MSVOA_N
ClientSampled :

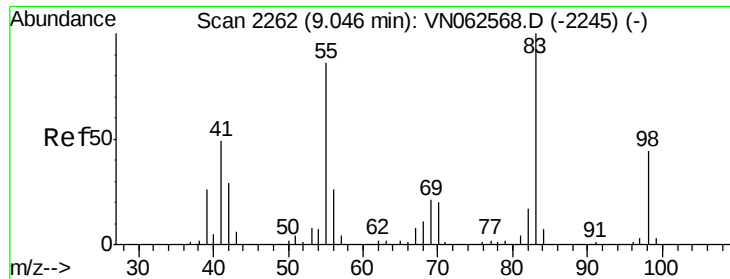
Tot Ion: 43 Resp: 64830
Ion Ratio Lower Upper
43 100
61 12.2 11.3 16.9
70 9.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.318 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 117 Resp: 62848
Ion Ratio Lower Upper
117 100
119 96.5 74.8 112.2
121 27.6 23.0 34.6

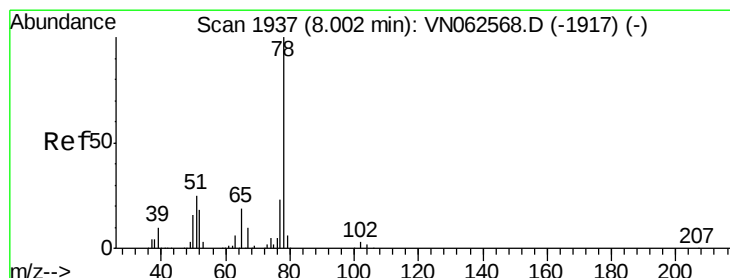
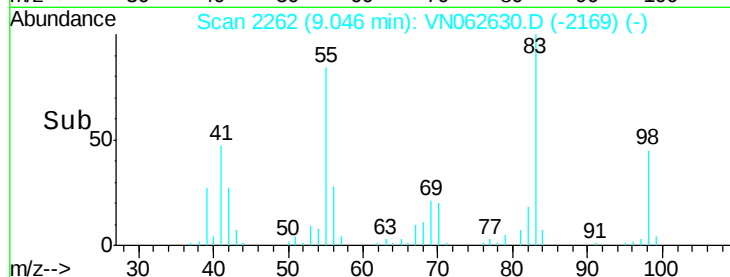
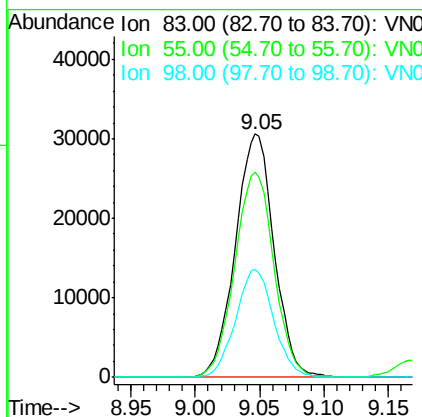
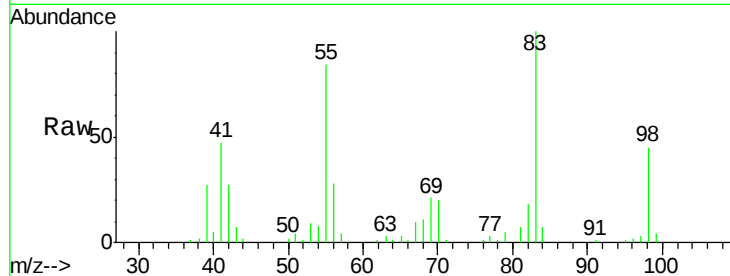




#39
Methvlcvclohexane
Concen: 18.429 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

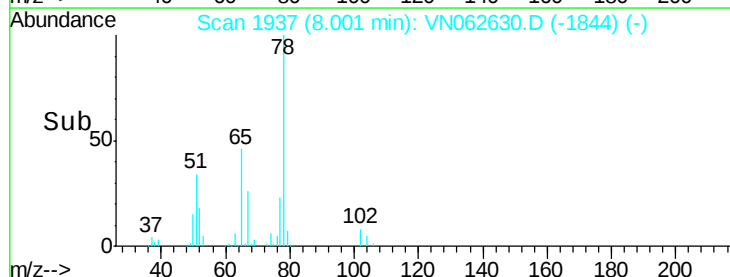
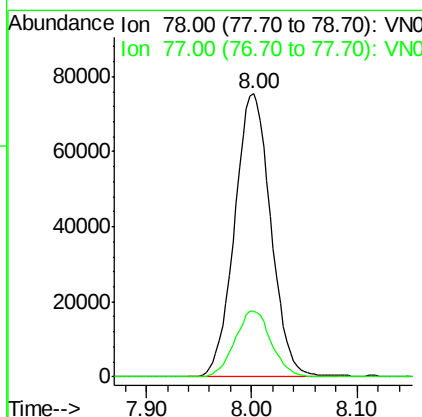
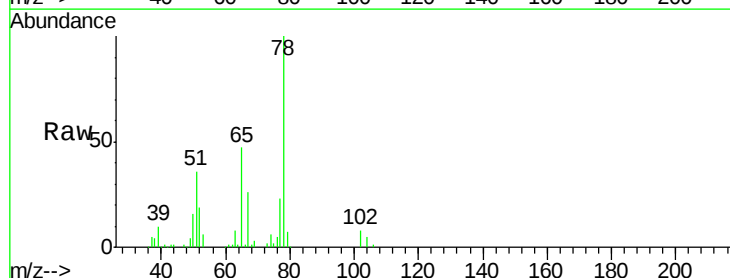
Instrument :
MSVOA_N
ClientSampled :

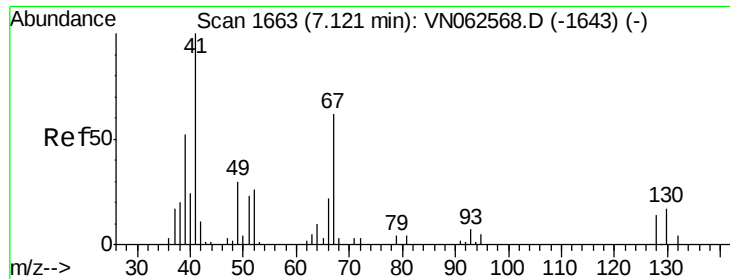
Tot Ion: 83 Resp: 63841
Ion Ratio Lower Upper
83 100
55 84.4 68.9 103.3
98 44.5 35.1 52.7



#40
Benzene
Concen: 18.449 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 78 Resp: 179742
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1

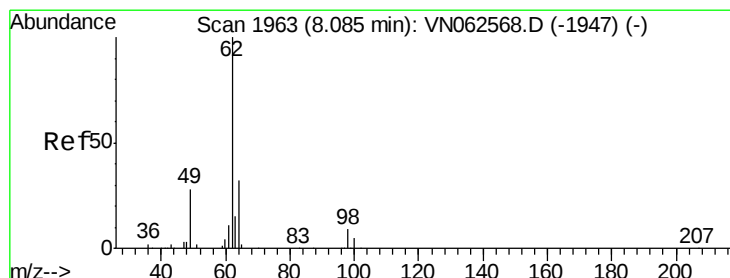
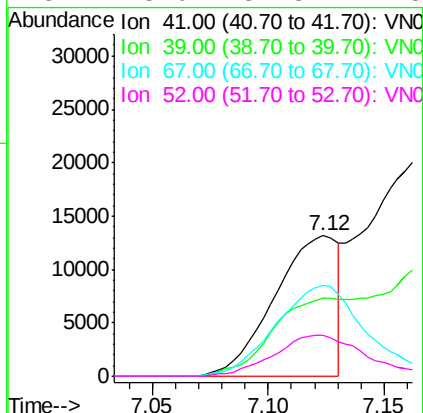
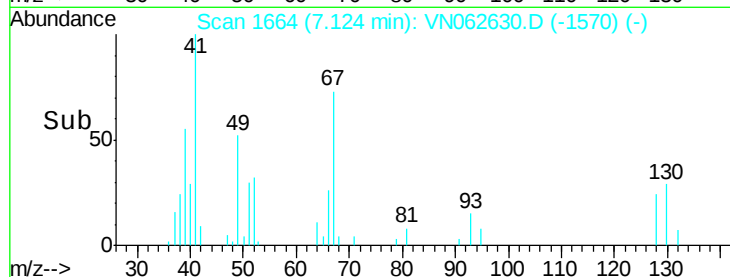
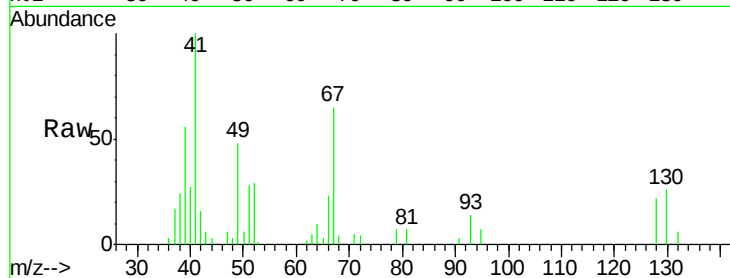




#41
Methacrylonitrile
Concen: 16.775 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

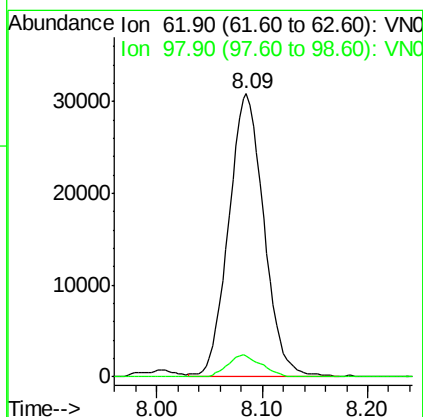
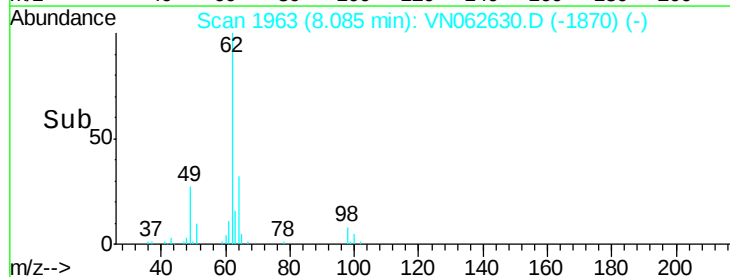
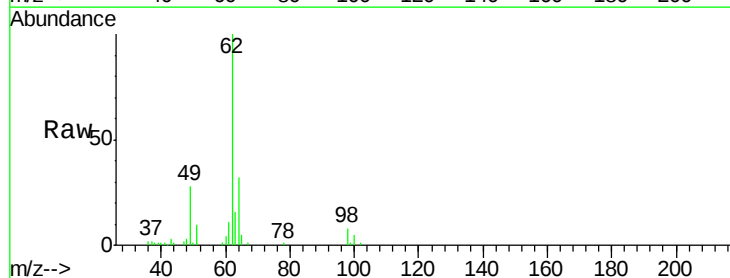
Instrument :
MSVOA_N
ClientSampleId :

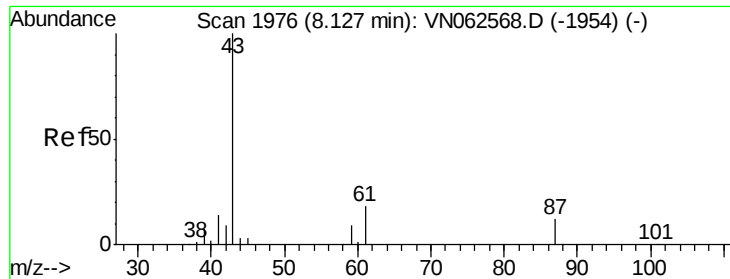
Tot Ion: 41 Resp: 24939
Ion Ratio Lower Upper
41 100
39 62.8 55.8 83.6
67 93.7 72.5 108.7
52 43.0 31.8 47.8



#42
1,2-Dichloroethane
Concen: 20.093 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 62 Resp: 71568
Ion Ratio Lower Upper
62 100
98 7.3 0.0 16.2



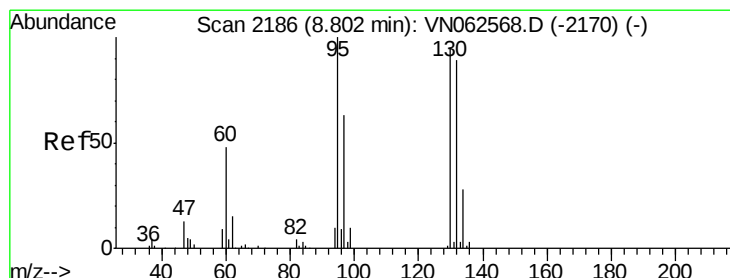
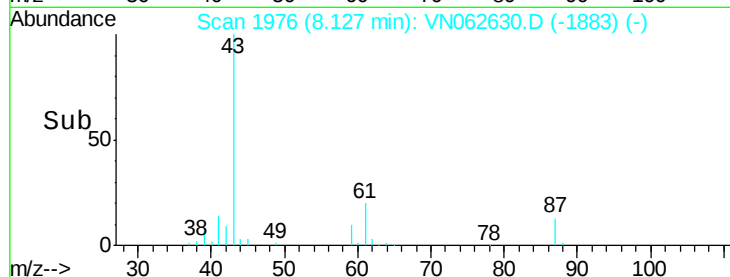
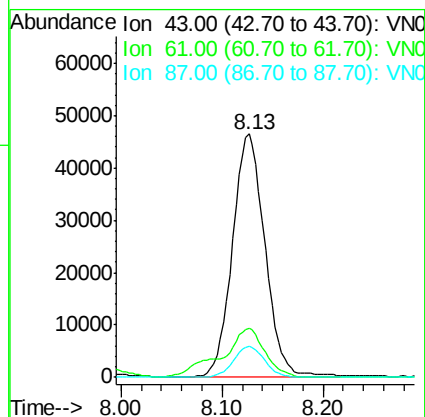
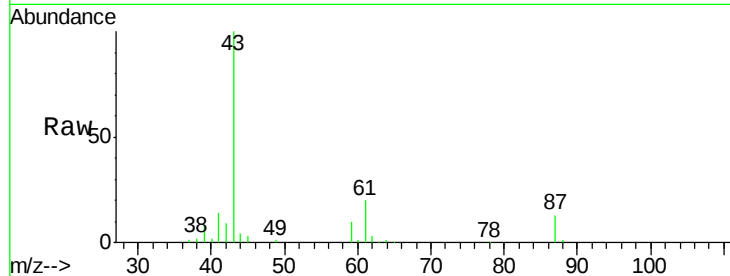


#43

Isopropyl Acetate
 Concen: 18.680 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :

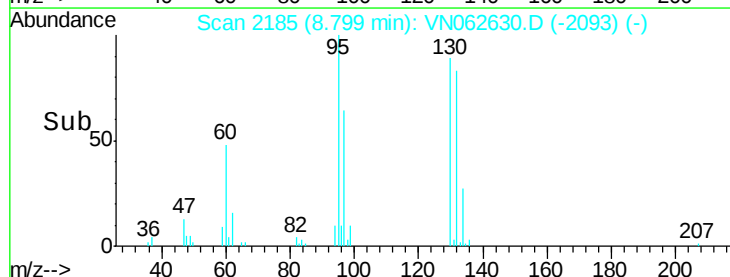
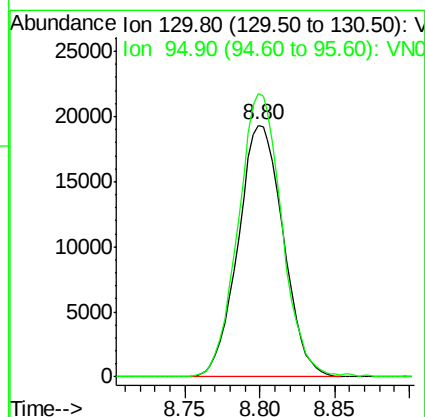
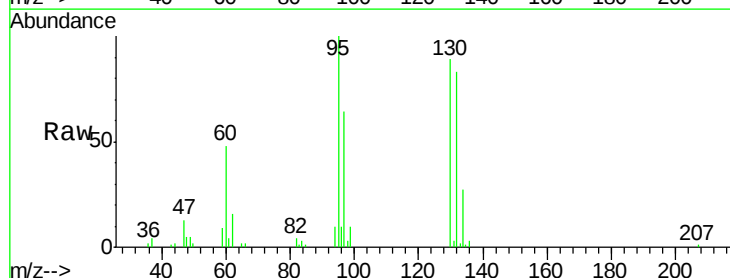
Tot Ion: 43 Resp: 104463
 Ion Ratio Lower Upper
 43 100
 61 26.9 20.8 31.2
 87 12.1 9.2 13.8

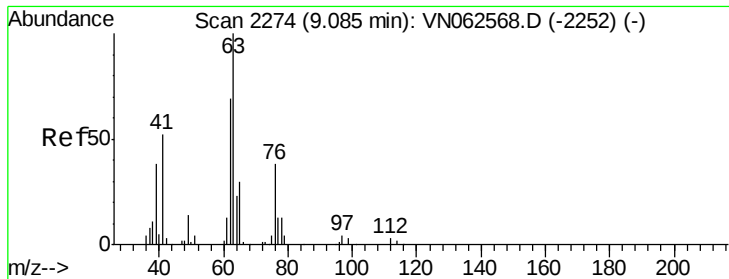


#44

Trichloroethene
 Concen: 18.450 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 130 Resp: 40535
 Ion Ratio Lower Upper
 130 100
 95 112.4 0.0 210.4





#45

1,2-Dichloropropane

Concen: 18.158 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

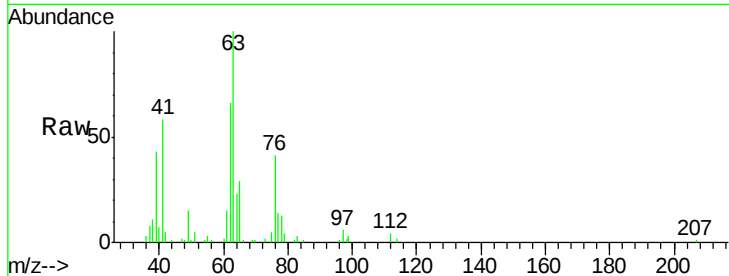
ClientSampled :

Tot Ion: 63 Resp: 49670

Ion Ratio Lower Upper

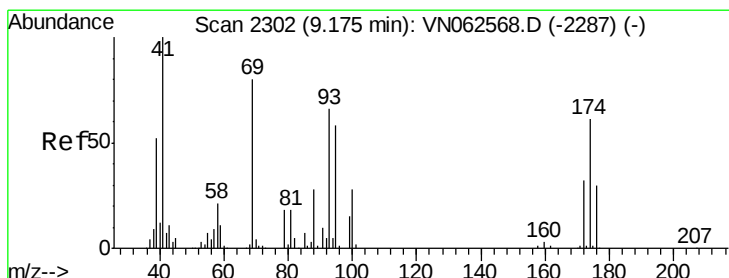
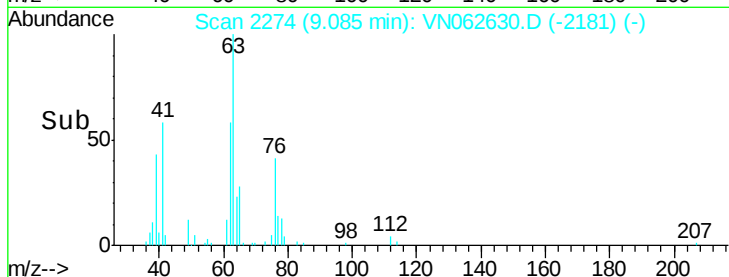
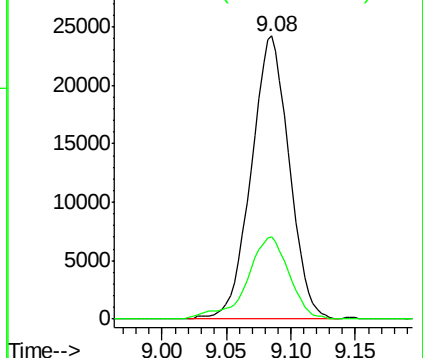
63 100

65 29.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.792 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

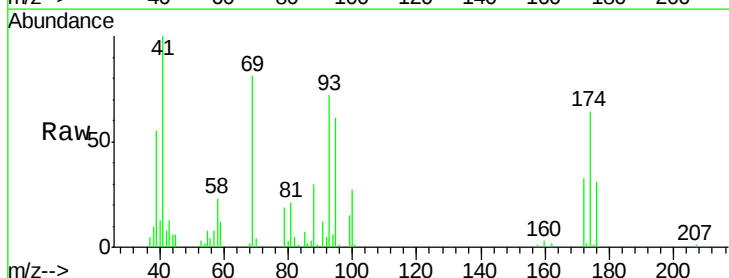
Tgt Ion: 93 Resp: 31291

Ion Ratio Lower Upper

93 100

95 82.8 67.6 101.4

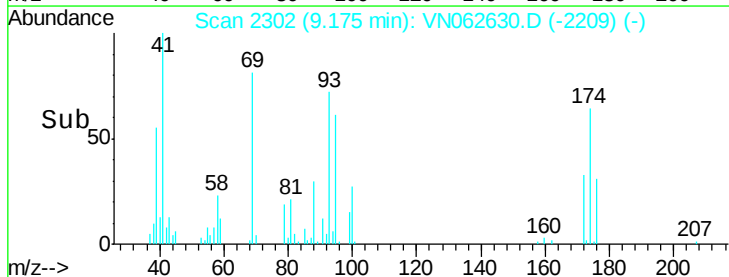
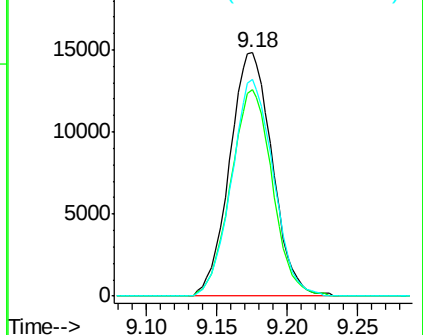
174 87.2 72.5 108.7

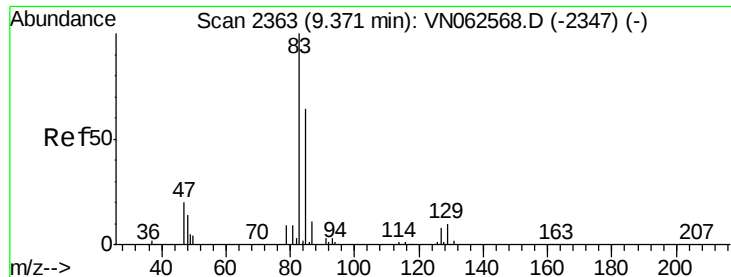


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.088 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

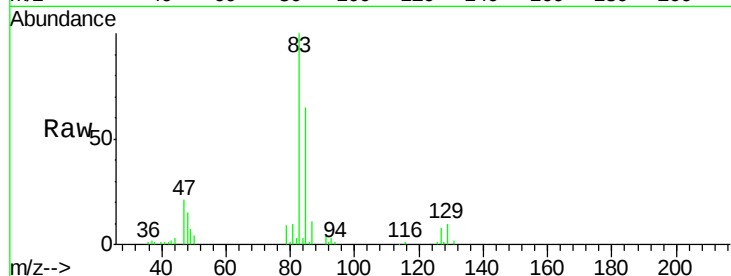
Tot Ion: 83 Resp: 65381

Ion Ratio Lower Upper

83 100

85 64.8 51.6 77.4

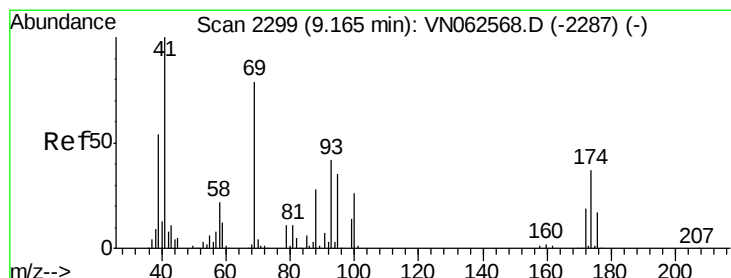
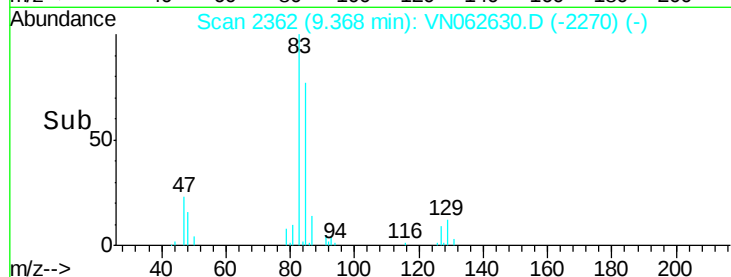
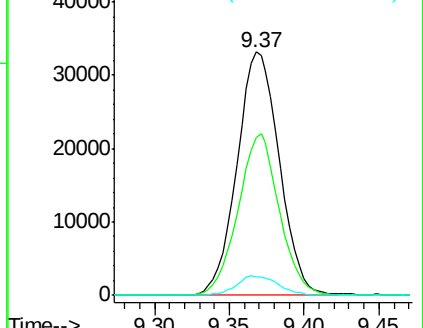
127 7.7 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062630.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062630.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062630.D (-2270) (-)



#48

Methyl methacrylate

Concen: 18.168 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

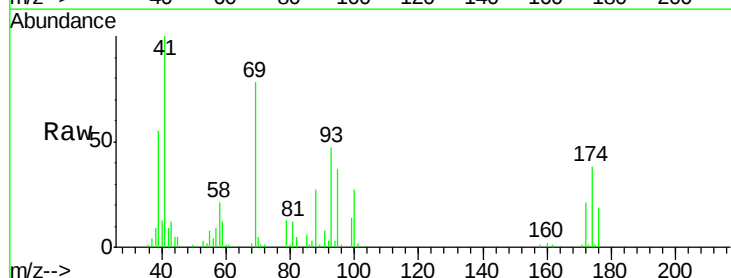
Tgt Ion: 41 Resp: 48295

Ion Ratio Lower Upper

41 100

69 83.2 64.4 96.6

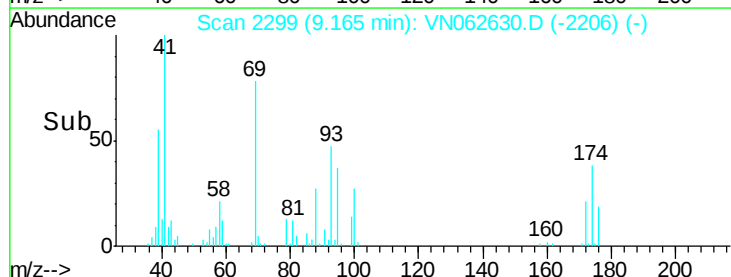
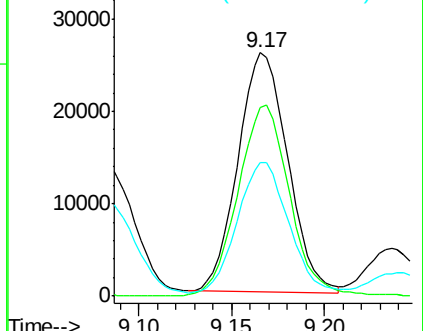
39 59.4 43.5 65.3

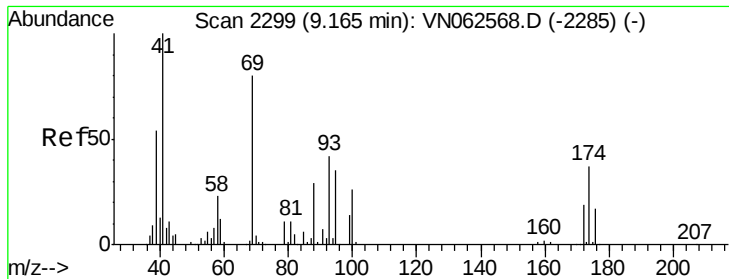


Abundance Ion 41.00 (40.70 to 41.70): VN062630.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062630.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062630.D (-2206) (-)

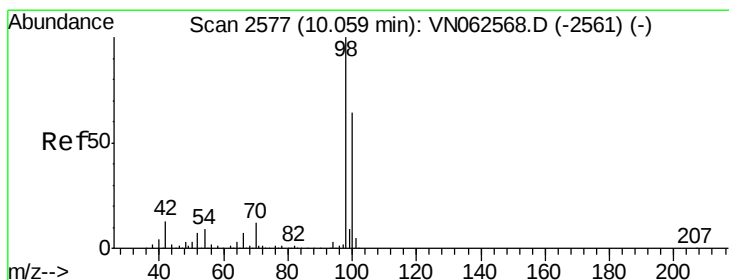
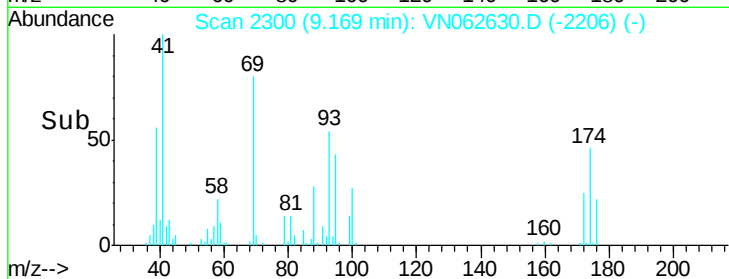
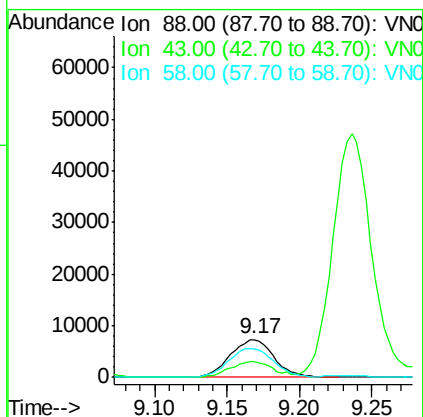
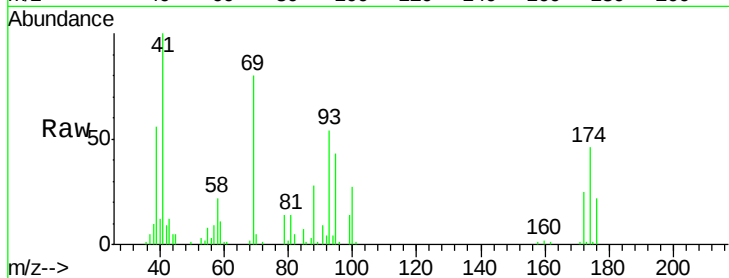




#49
1,4-Dioxane
Concen: 379.833 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

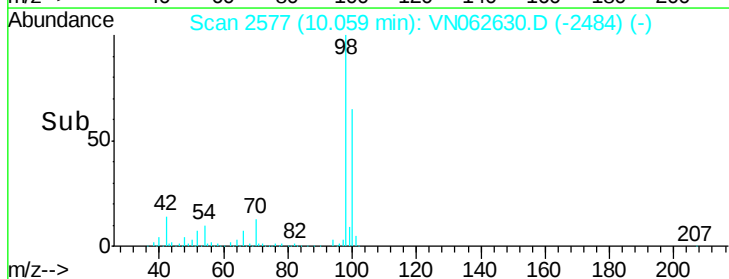
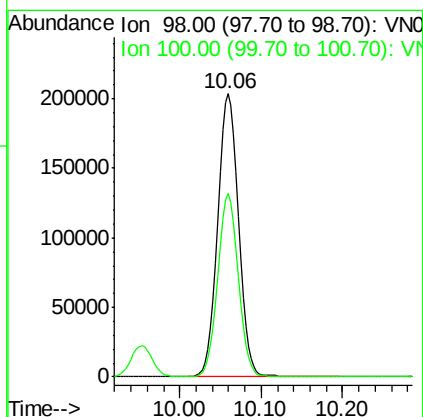
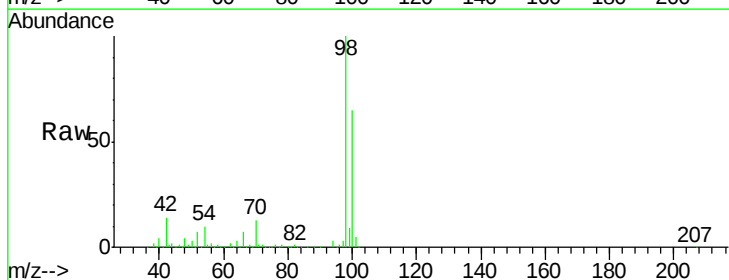
Instrument :
MSVOA_N
ClientSampleId :

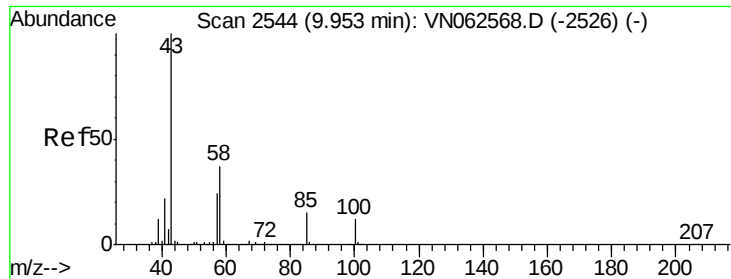
Tot Ion: 88 Resp: 15508
Ion Ratio Lower Upper
88 100
43 40.9 32.0 48.0
58 78.2 62.8 94.2



#50
Toluene-d8
Concen: 46.946 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 98 Resp: 371462
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

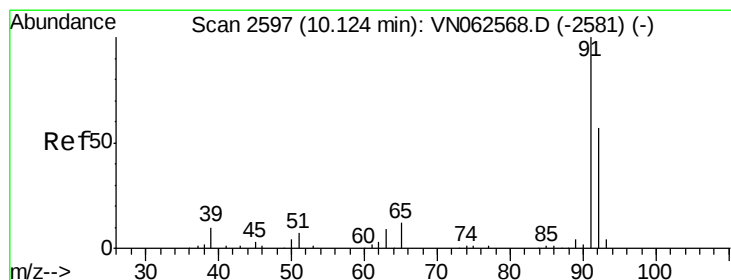
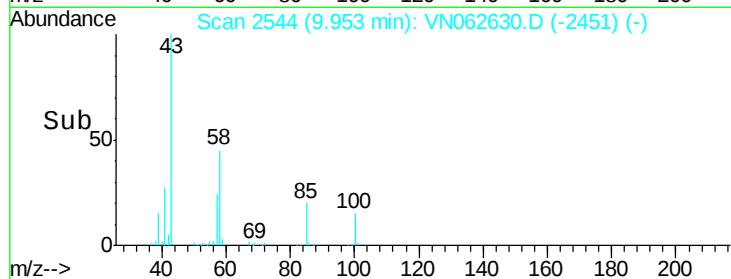
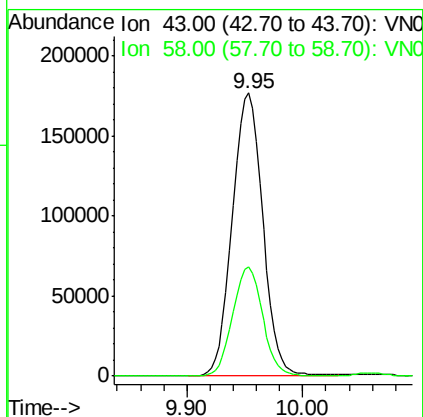
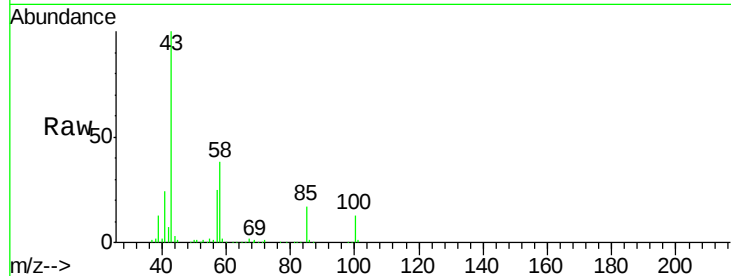




#51
4-Methyl-2-Pentanone
Concen: 96.118 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

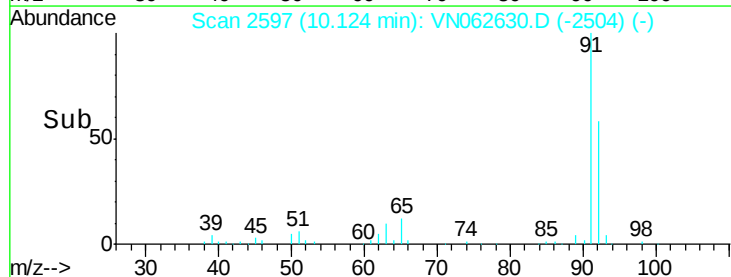
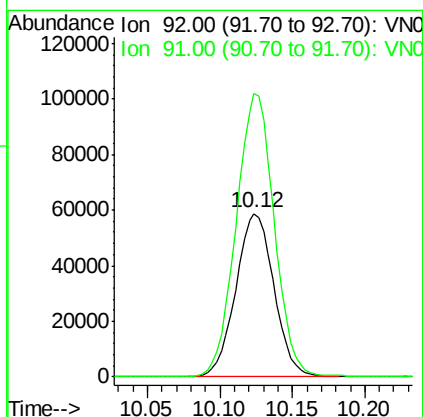
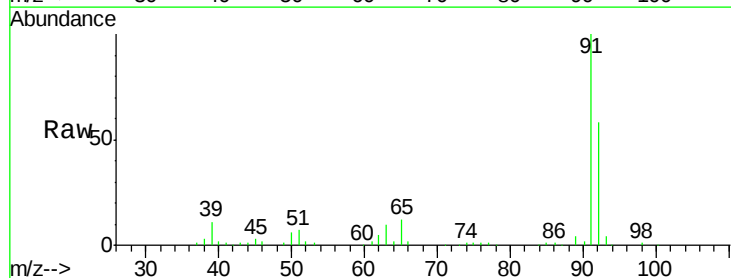
Instrument :
MSVOA_N
ClientSampled :

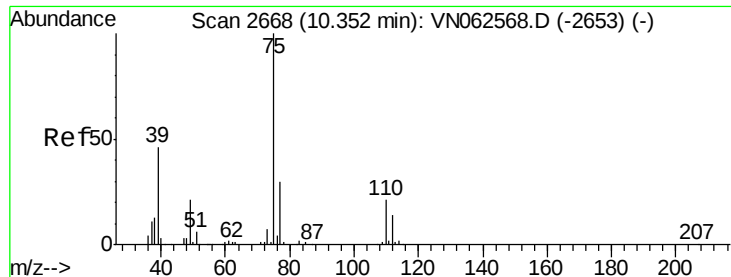
Tot Ion: 43 Resp: 321608
Ion Ratio Lower Upper
43 100
58 38.0 29.8 44.6



#52
Toluene
Concen: 18.983 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 92 Resp: 107389
Ion Ratio Lower Upper
92 100
91 173.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 19.025 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

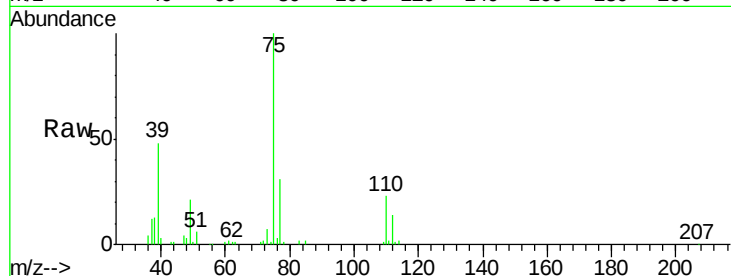
ClientSampleId :

Tot Ion: 75 Resp: 72542

Ion Ratio Lower Upper

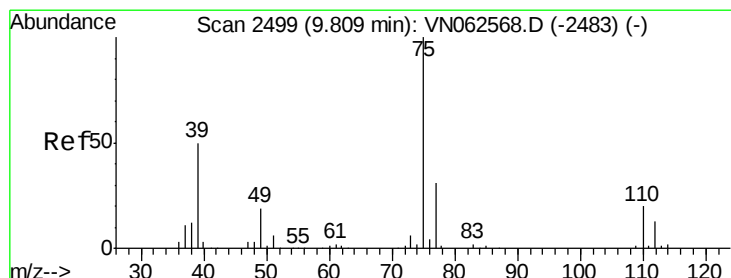
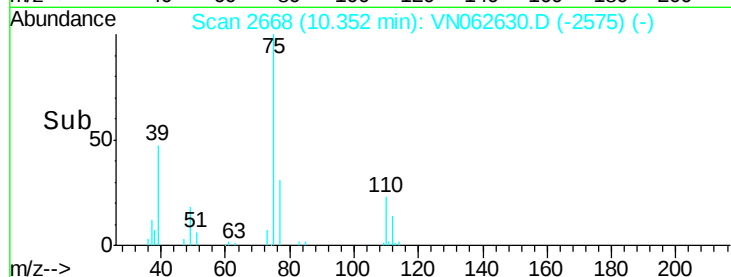
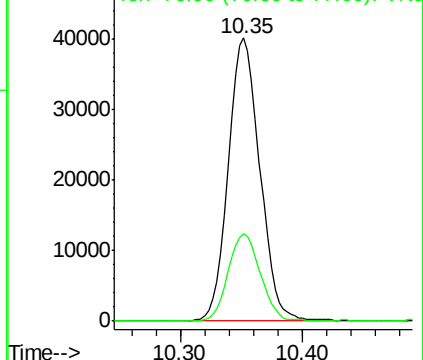
75 100

77 31.1 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.197 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

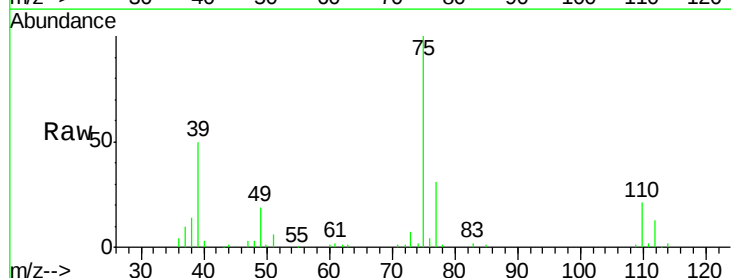
Tgt Ion: 75 Resp: 78545

Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6

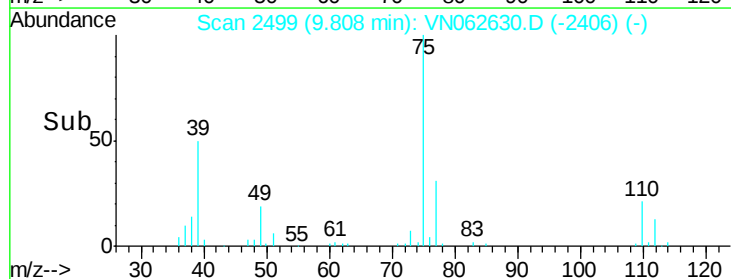
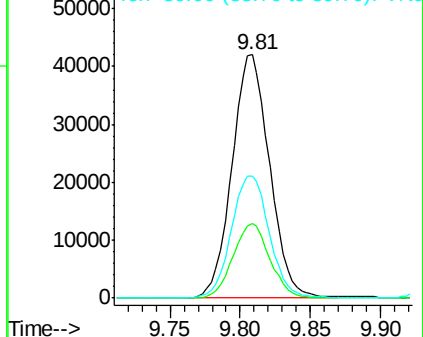
39 50.3 39.8 59.8

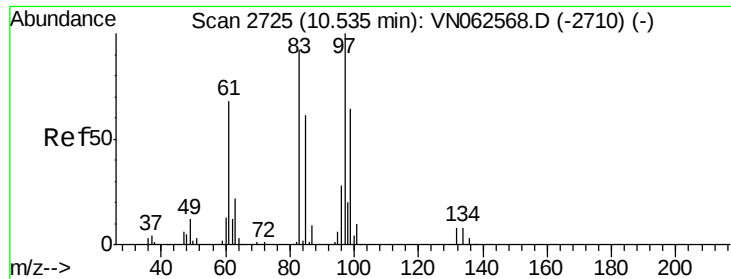


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

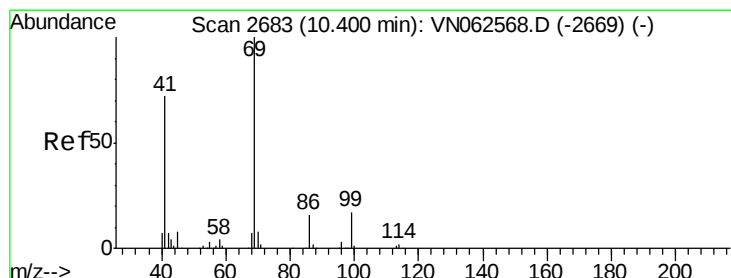
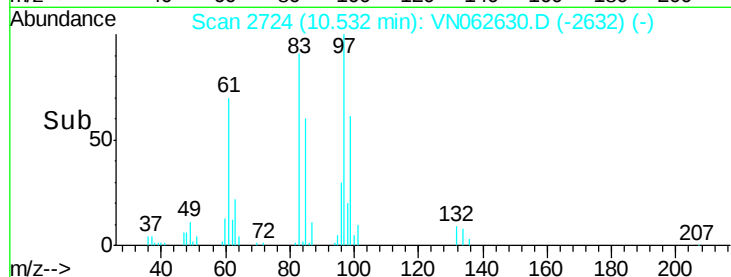
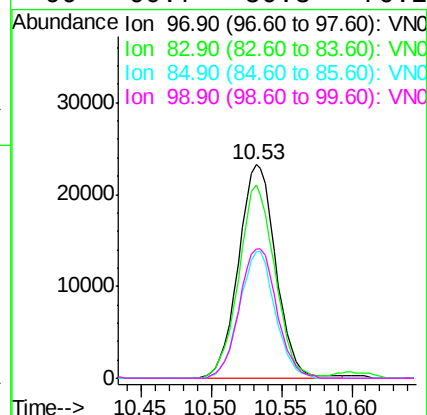
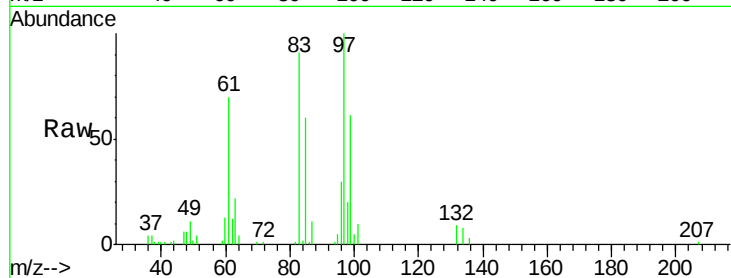




#55
 1,1,2-Trichloroethane
 Concen: 19.672 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

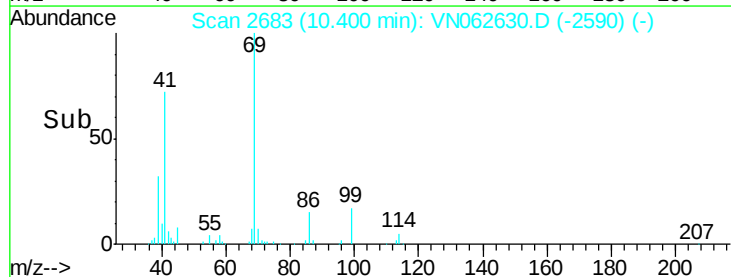
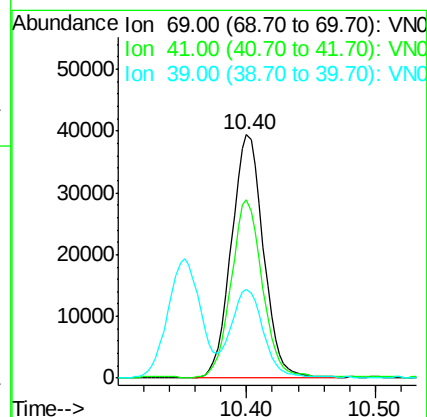
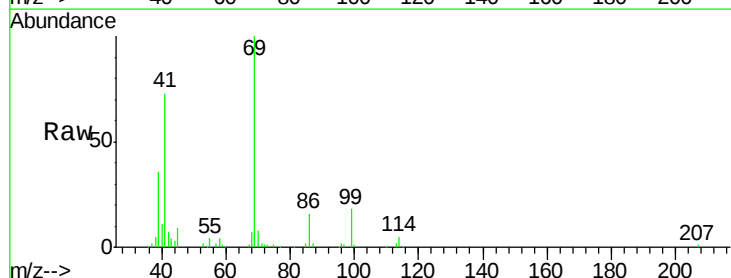
Instrument :
 MSVOA_N
 ClientSampleId :

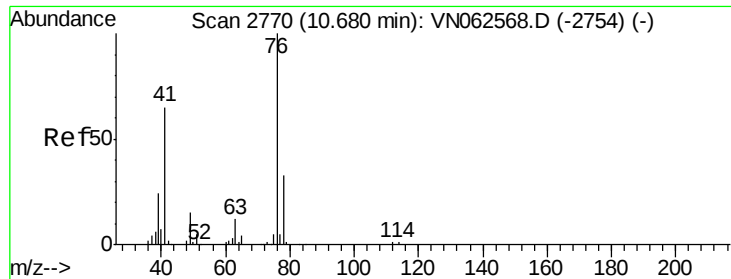
Tot Ion:	97	Resp:	43167
Ion	Ratio	Lower	Upper
97	100		
83	90.5	73.7	110.5
85	59.5	48.5	72.7
99	60.7	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 18.458 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion:	69	Resp:	68172
Ion	Ratio	Lower	Upper
69	100		
41	71.8	57.2	85.8
39	37.3	28.6	43.0

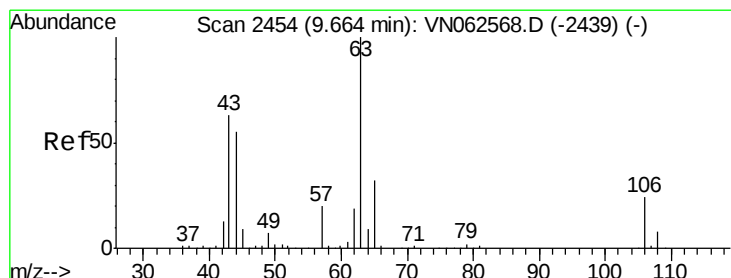
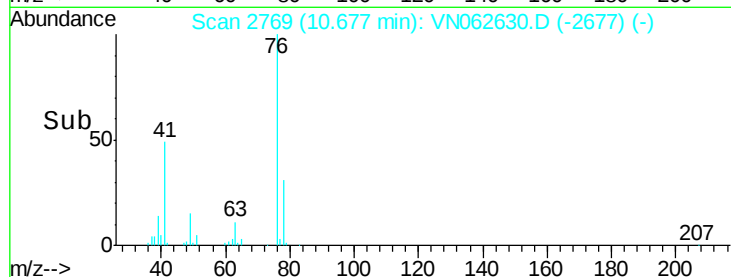
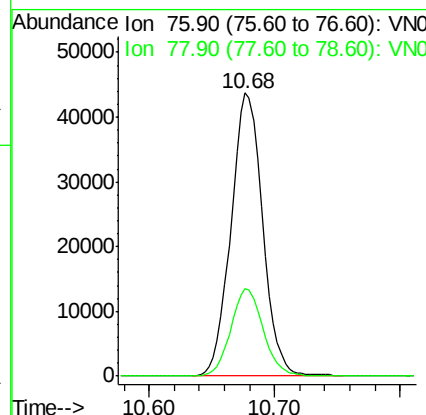
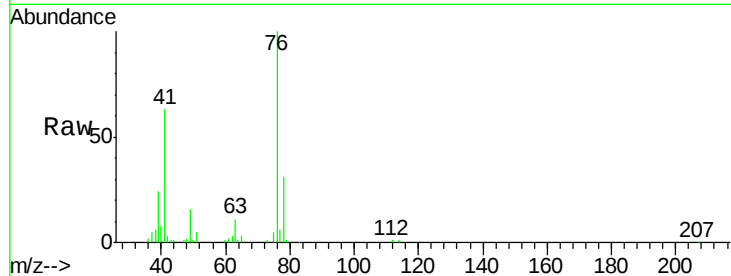




#57
 1,3-Dichloropropane
 Concen: 19.047 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

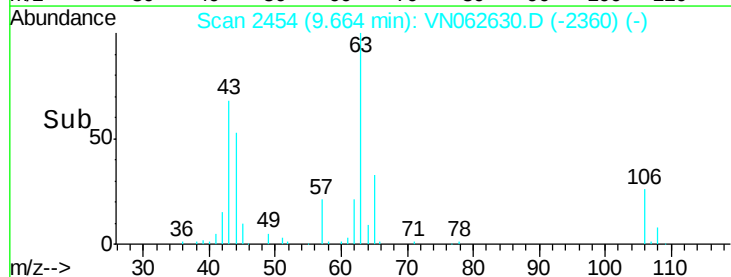
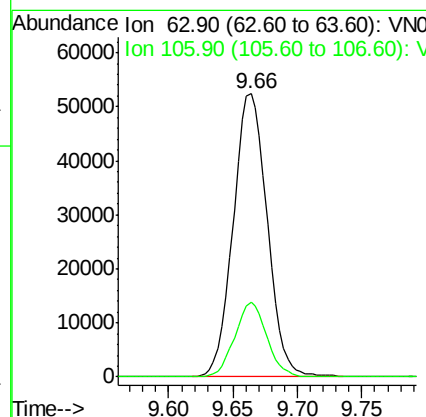
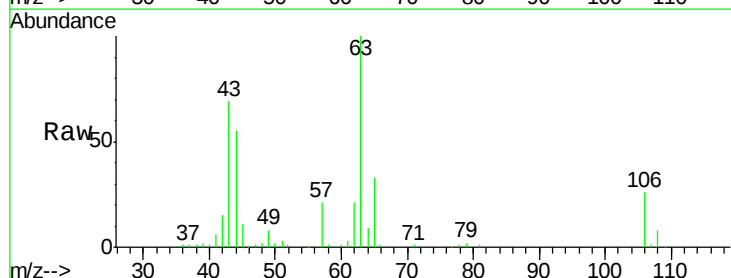
Instrument :
 MSVOA_N
 ClientSampled :

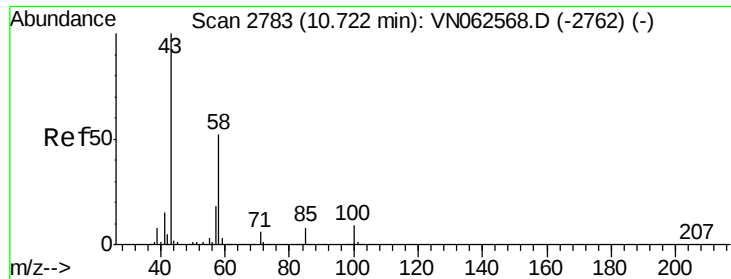
Tot Ion: 76 Resp: 76572
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.187 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 63 Resp: 96065
 Ion Ratio Lower Upper
 63 100
 106 24.8 18.9 28.3

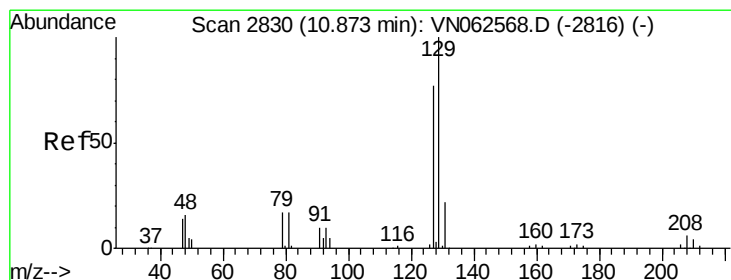
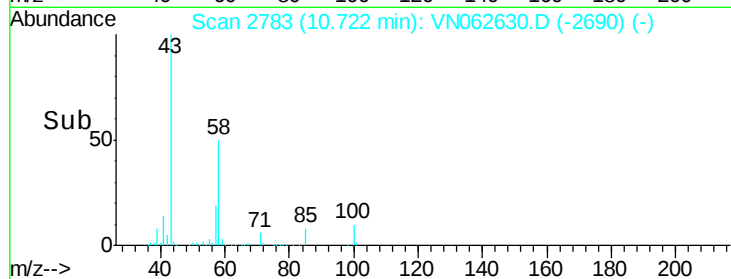
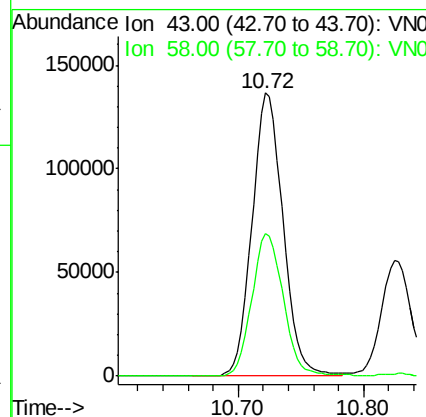
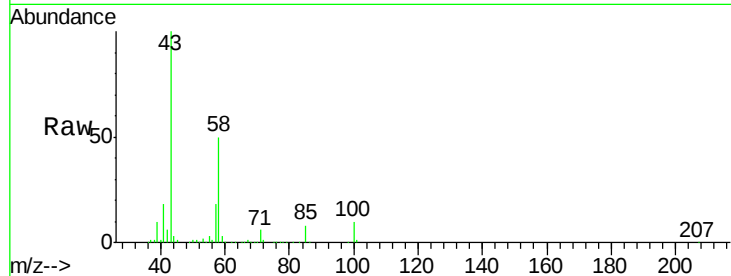




#59
2-Hexanone
Concen: 93.021 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

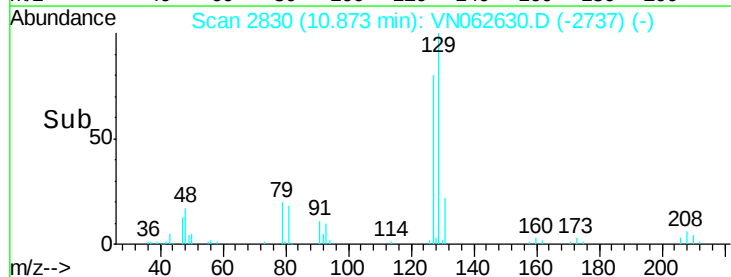
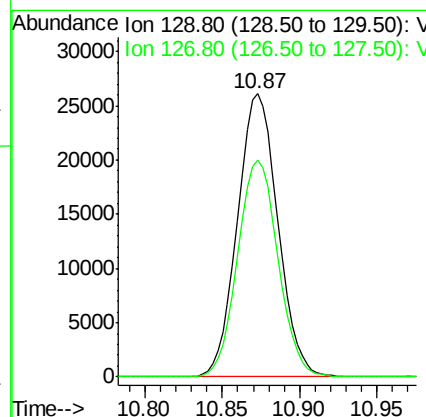
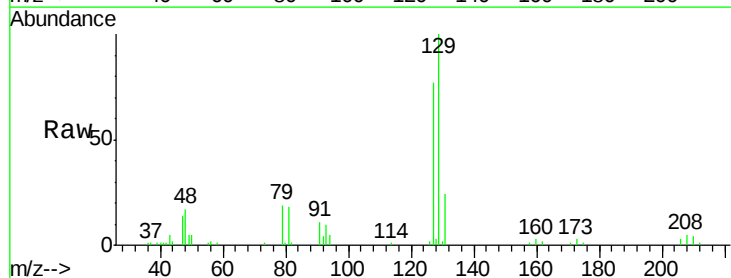
Instrument :
MSVOA_N
ClientSampled :

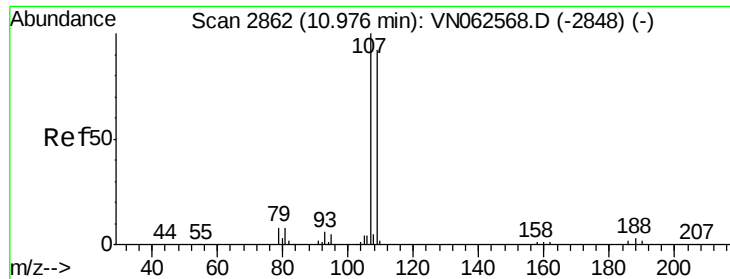
Tot Ion: 43 Resp: 235842
Ion Ratio Lower Upper
43 100
58 51.0 26.0 78.0



#60
Dibromochloromethane
Concen: 19.369 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 129 Resp: 47415
Ion Ratio Lower Upper
129 100
127 76.5 38.0 113.9

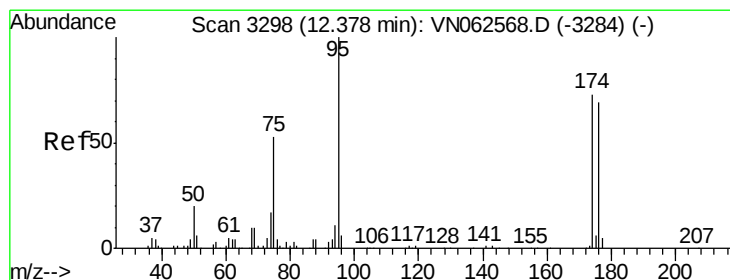
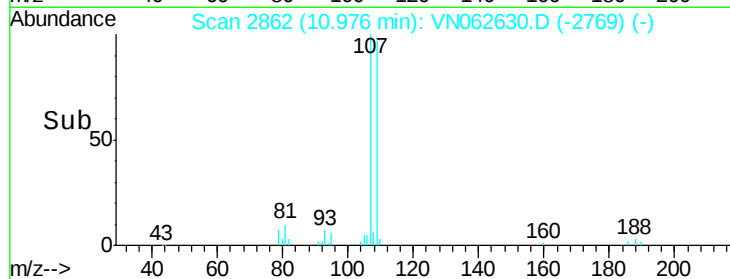
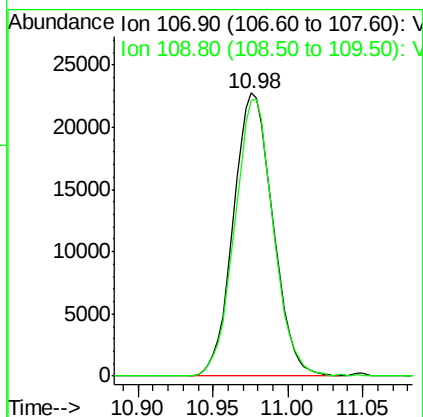
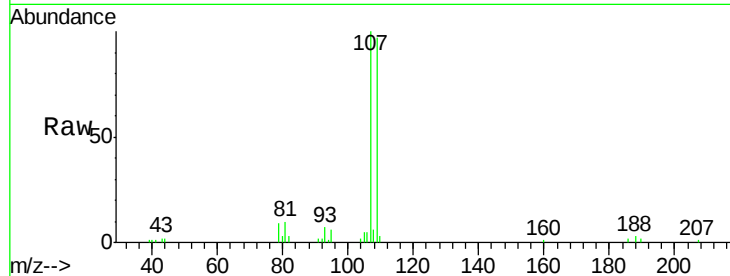




#61
 1,2-Dibromoethane
 Concen: 18.277 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

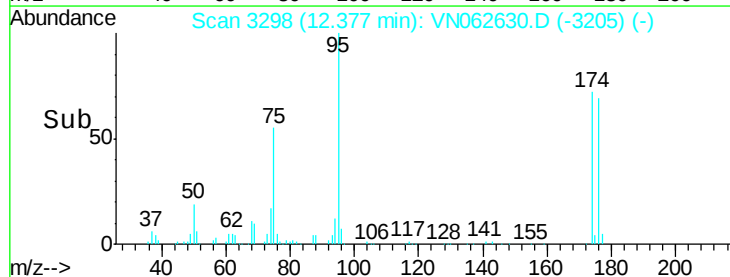
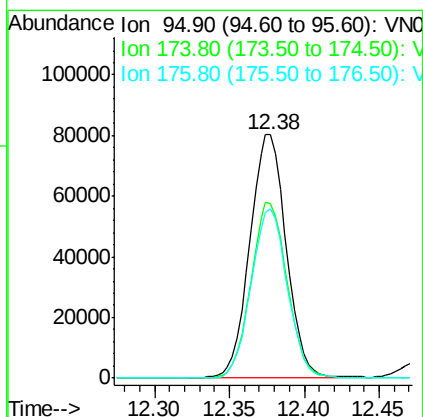
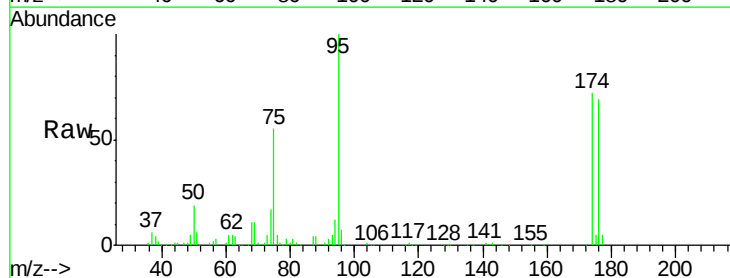
Instrument :
 MSVOA_N
 ClientSampled :

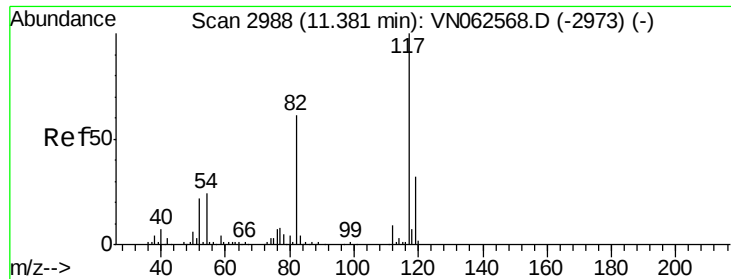
Tot Ion:107 Resp: 41763
 Ion Ratio Lower Upper
 107 100
 109 95.9 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 46.931 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 95 Resp: 135778
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 144.6
 176 69.2 0.0 139.4

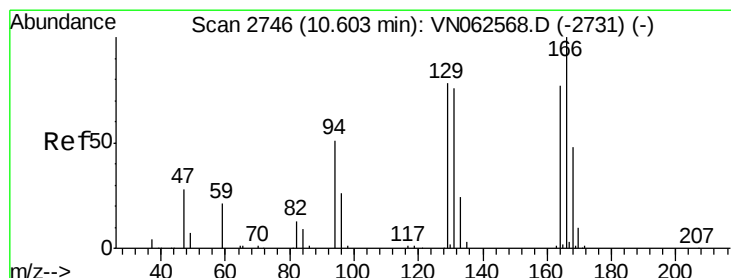
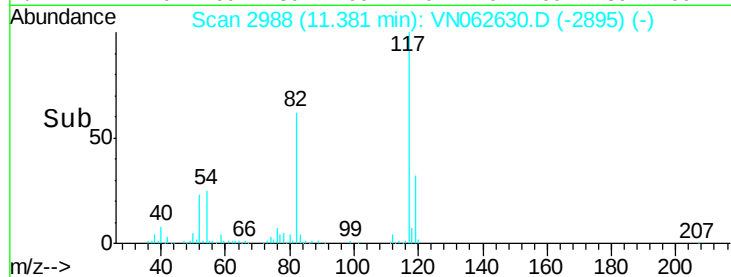
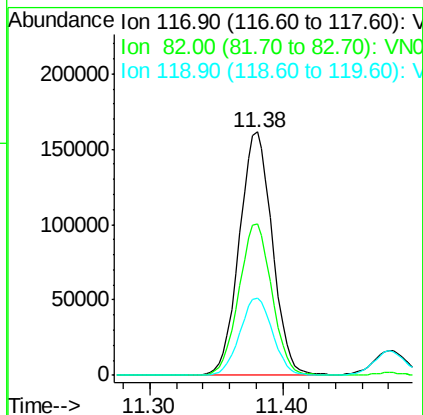
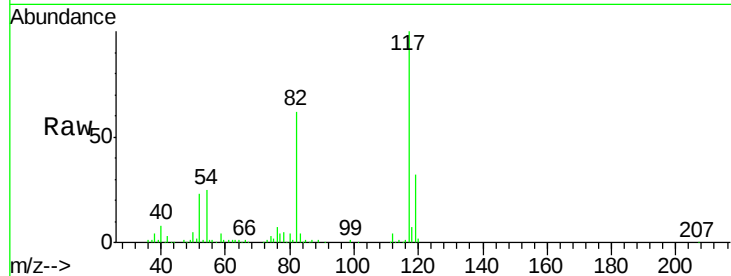




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

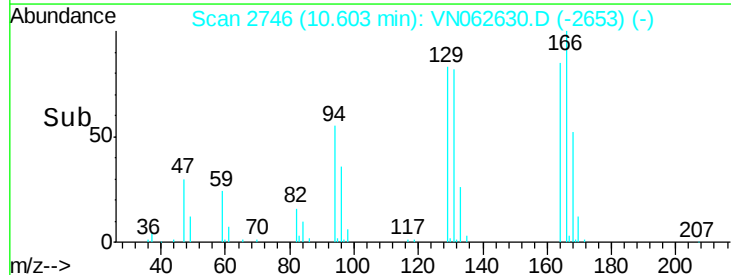
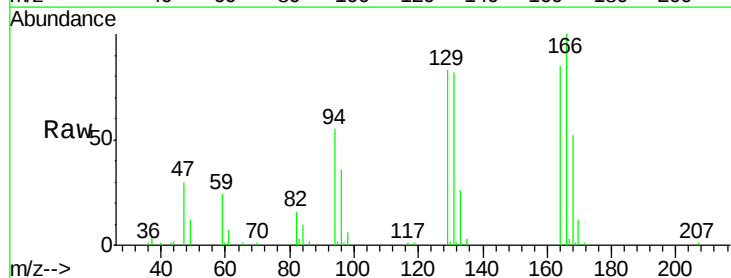
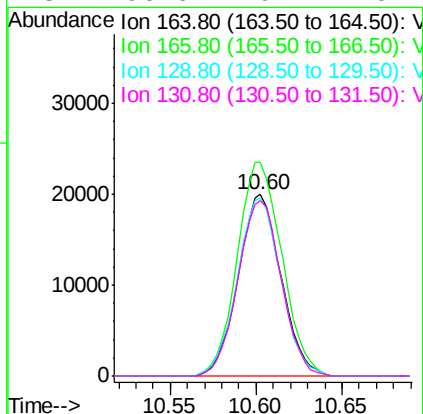
Instrument :
MSVOA_N
ClientSampled :

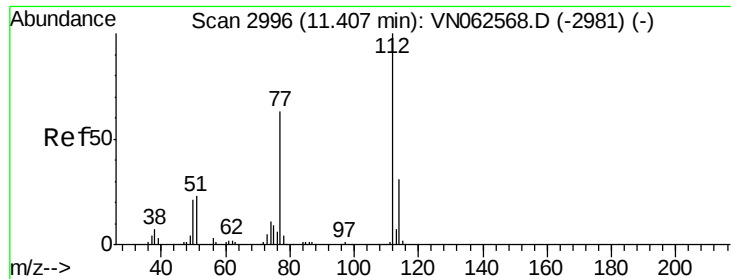
Tot Ion:117 Resp: 279477
Ion Ratio Lower Upper
117 100
82 62.2 49.0 73.6
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 19.089 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion:164 Resp: 34662
Ion Ratio Lower Upper
164 100
166 117.8 104.4 156.6
129 98.3 81.0 121.4
131 96.6 79.4 119.2





#65

Chlorobenzene

Concen: 18.942 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

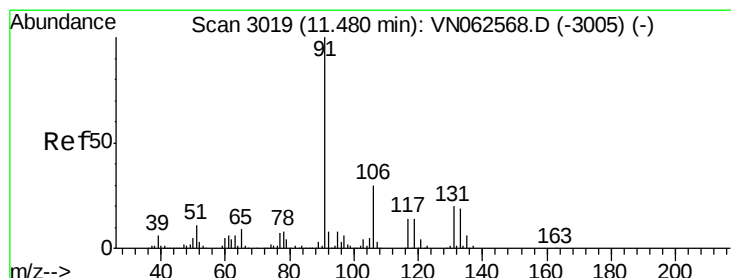
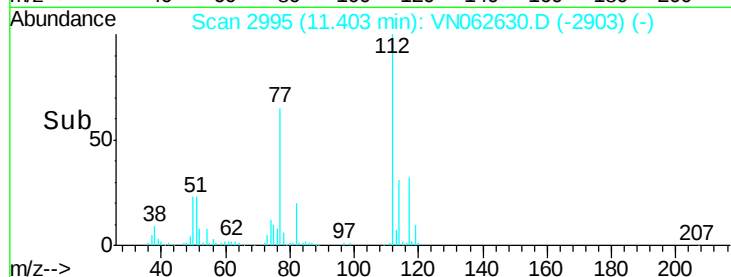
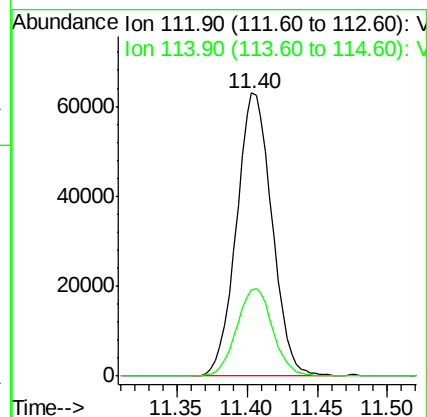
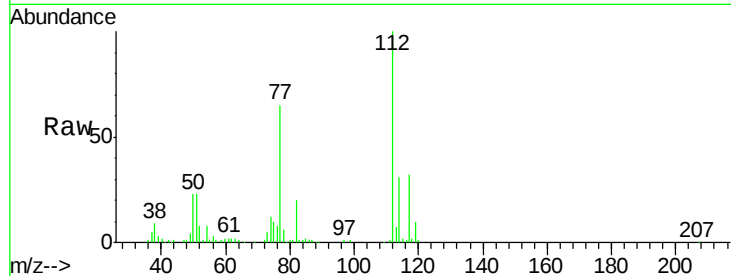
ClientSampleId :

Tot Ion:112 Resp: 110983

Ion Ratio Lower Upper

112 100

114 30.6 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.059 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

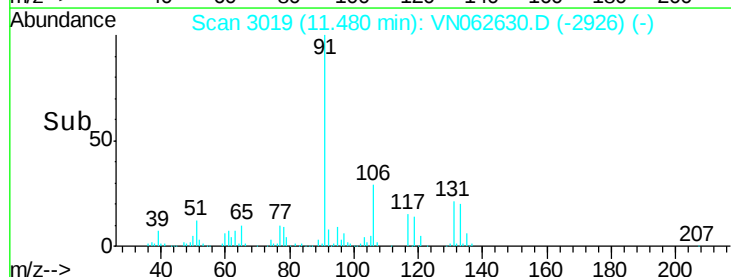
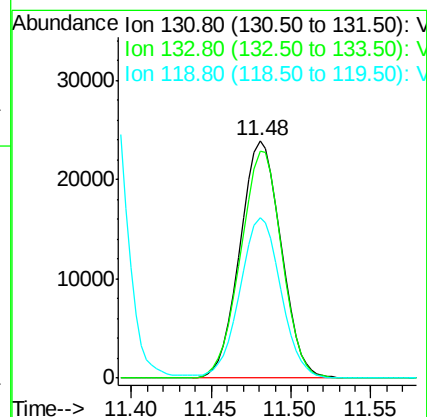
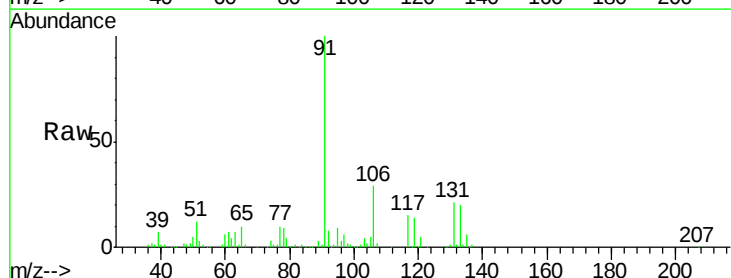
Tgt Ion:131 Resp: 42008

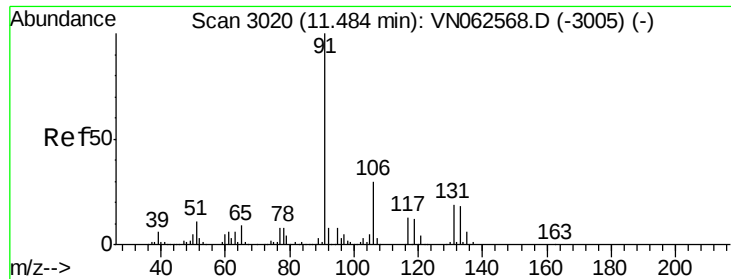
Ion Ratio Lower Upper

131 100

133 95.6 47.3 142.0

119 67.8 33.7 101.0

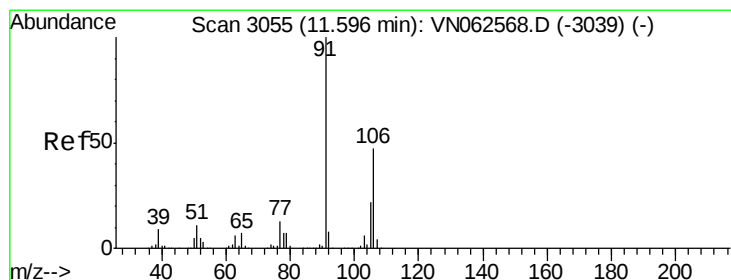
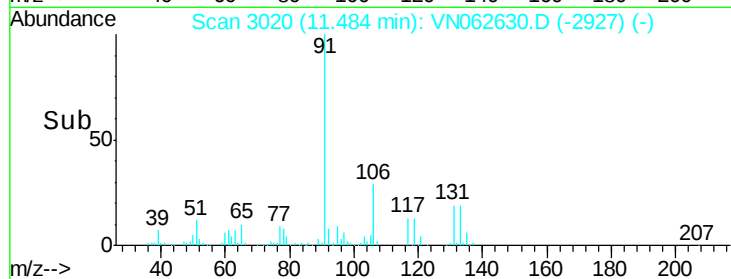
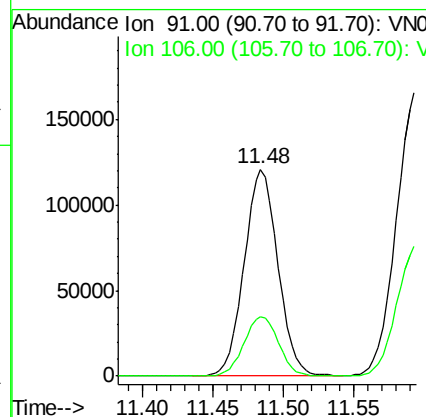
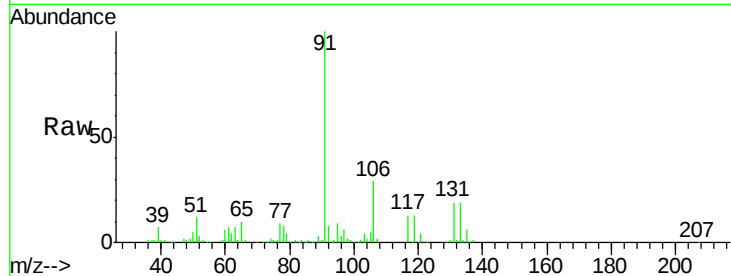




#67
Ethyl Benzene
Concen: 18.870 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

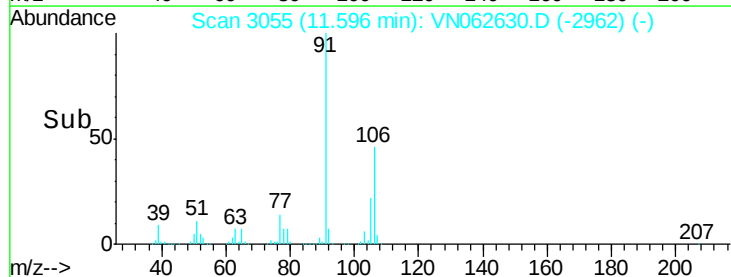
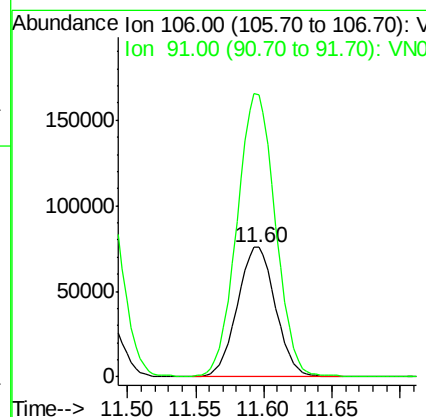
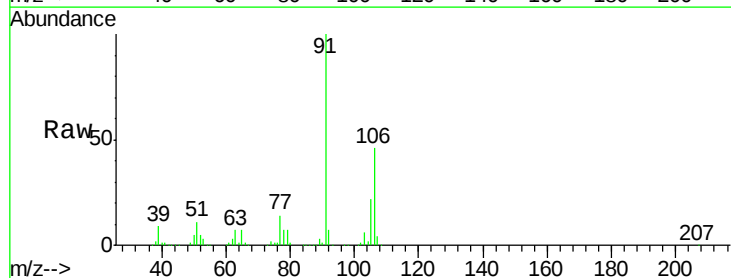
Instrument :
MSVOA_N
ClientSampled :

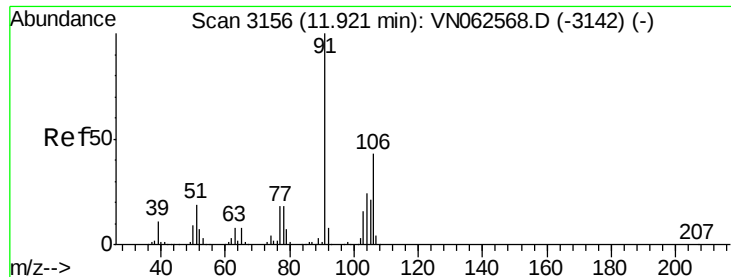
Tot Ion: 91 Resp: 202717
Ion Ratio Lower Upper
91 100
106 28.9 23.8 35.8



#68
m/p-Xylenes
Concen: 37.808 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 106 Resp: 145985
Ion Ratio Lower Upper
106 100
91 219.9 171.4 257.2

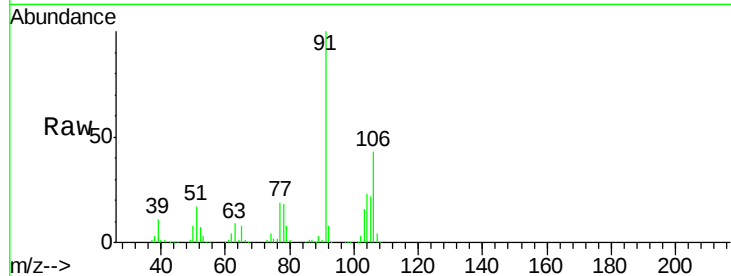




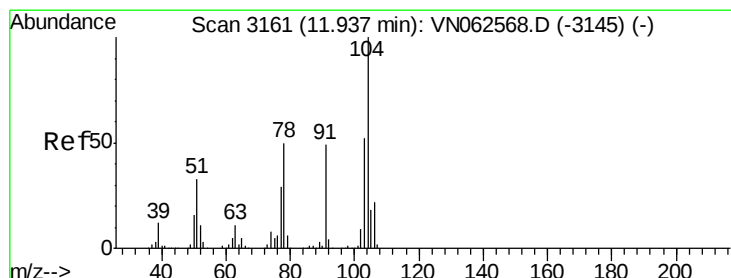
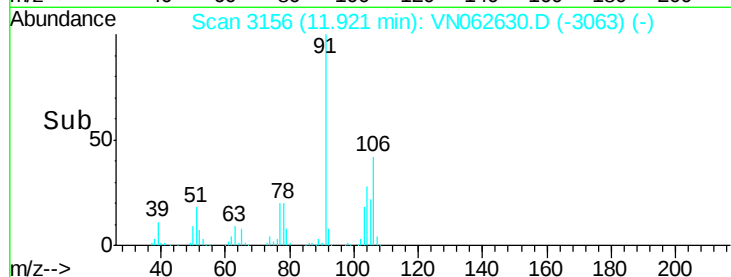
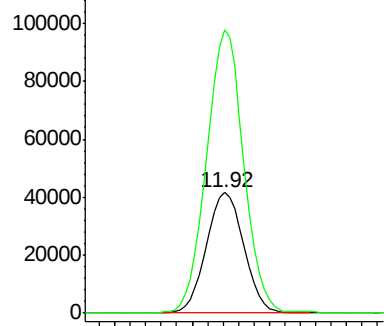
#69
o-Xylene
Concen: 19.227 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 70496
Ion Ratio Lower Upper
106 100
91 231.3 113.8 341.2

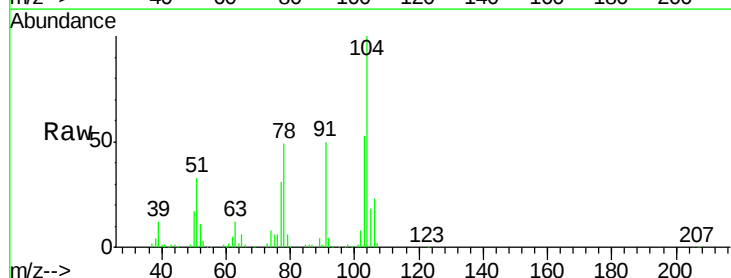


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

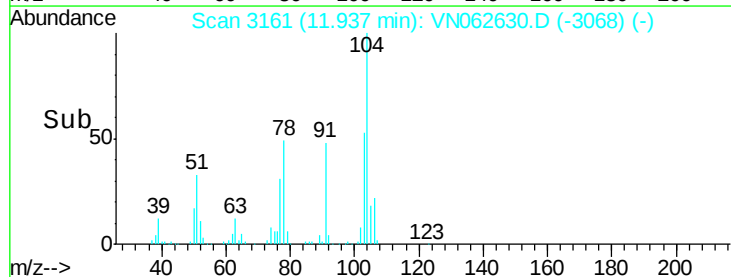
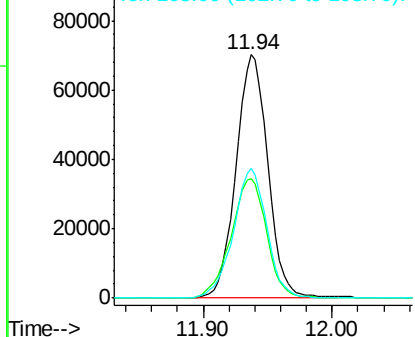


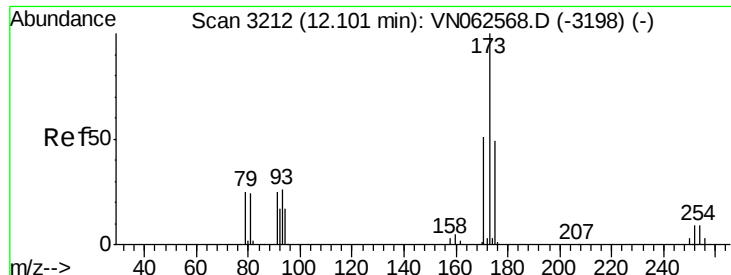
#70
Styrene
Concen: 19.437 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion:104 Resp: 120388
Ion Ratio Lower Upper
104 100
78 54.7 43.8 65.6
103 56.0 44.0 66.0



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





#71

Bromoform

Concen: 19.431 ug/l

RT: 12.10 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampled :

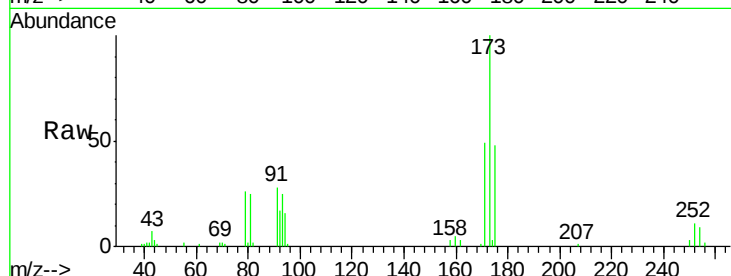
Tot Ion:173 Resp: 32158

Ion Ratio Lower Upper

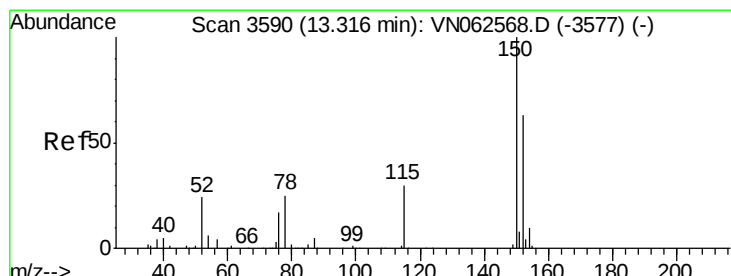
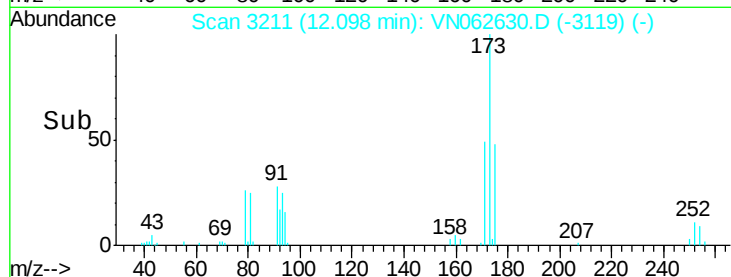
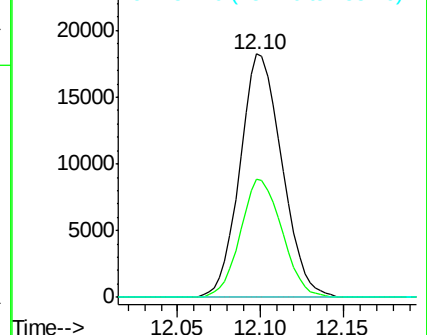
173 100

175 48.0 24.1 72.2

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# 3590

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

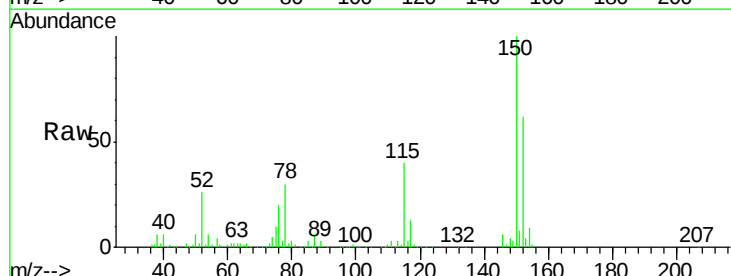
Tgt Ion:152 Resp: 129296

Ion Ratio Lower Upper

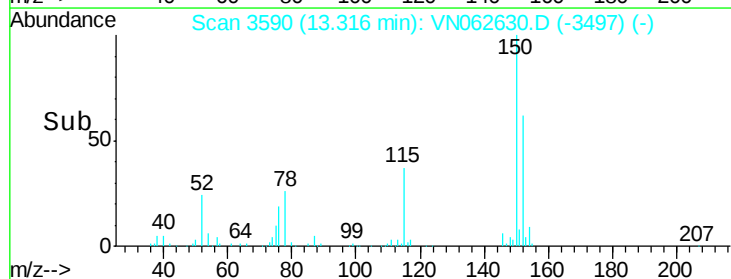
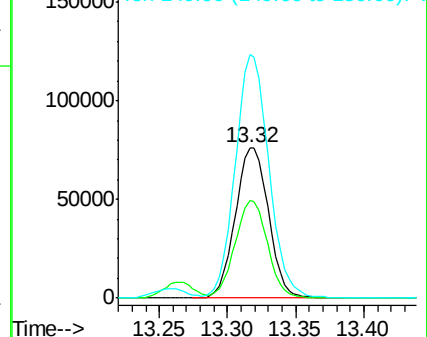
152 100

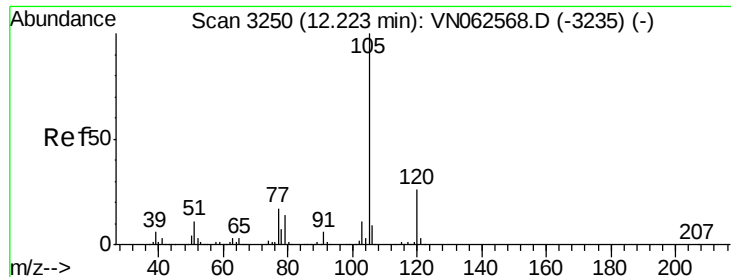
115 63.3 31.8 95.4

150 162.5 0.0 351.4



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

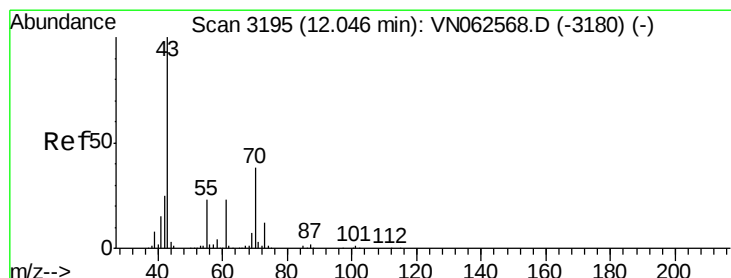
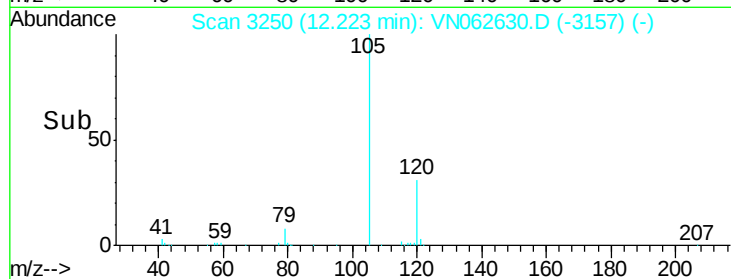
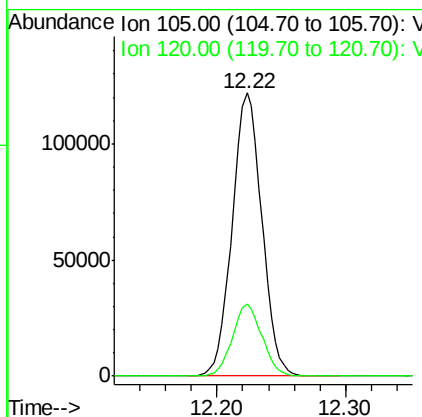
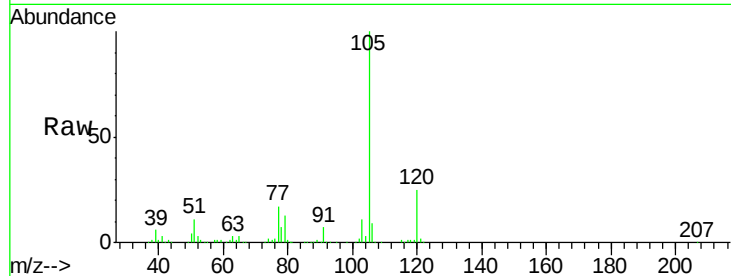




#73
Isopropylbenzene
Concen: 19.069 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

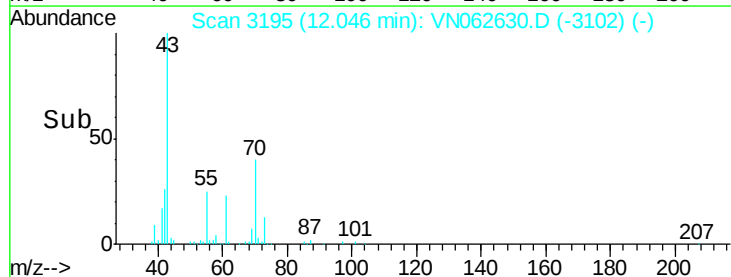
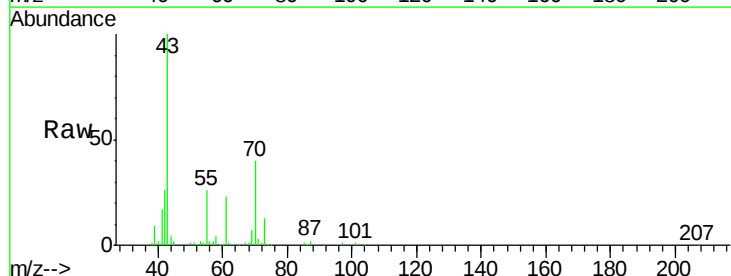
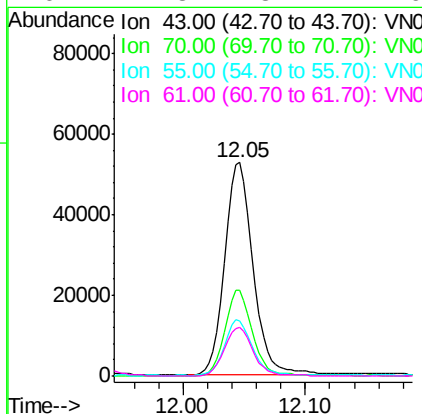
Instrument :
MSVOA_N
ClientSampled :

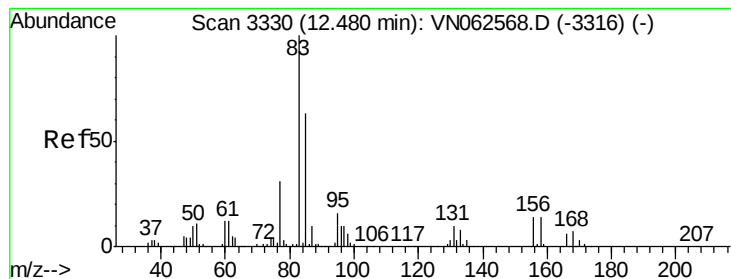
Tot Ion:105 Resp: 194952
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.4



#74
N-ethyl acetate
Concen: 19.129 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 43 Resp: 87337
Ion Ratio Lower Upper
43 100
70 38.5 30.5 45.7
55 25.0 19.0 28.6
61 22.8 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.320 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampled :

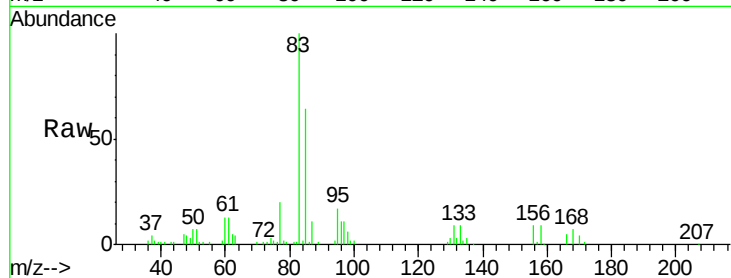
Tot Ion: 83 Resp: 65085

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.3

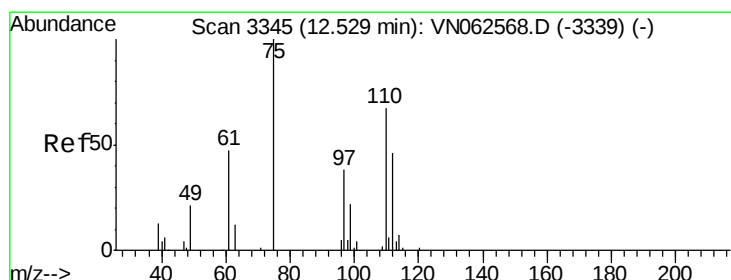
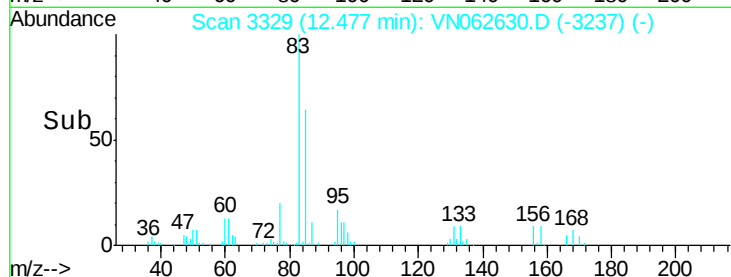
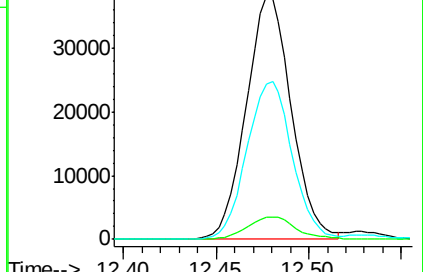
85 65.1 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN062630.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062630.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062630.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 26.666 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062630.D

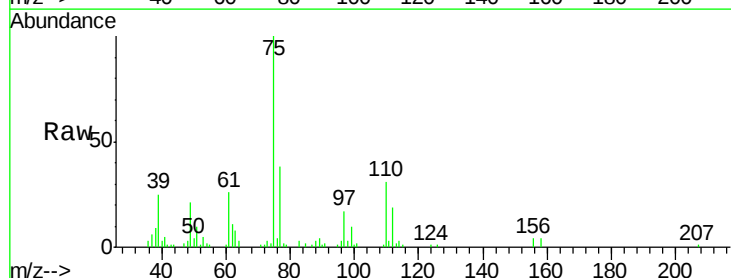
Acq: 28 Jul 2020 13:17

Tgt Ion: 75 Resp: 87758

Ion Ratio Lower Upper

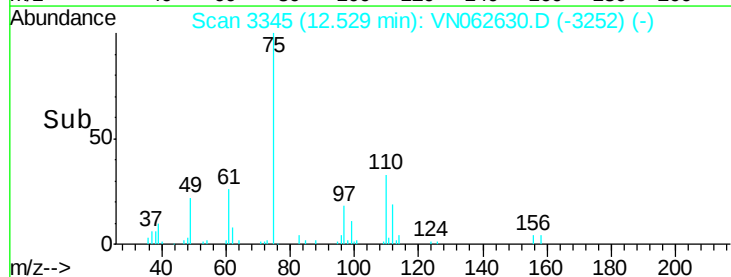
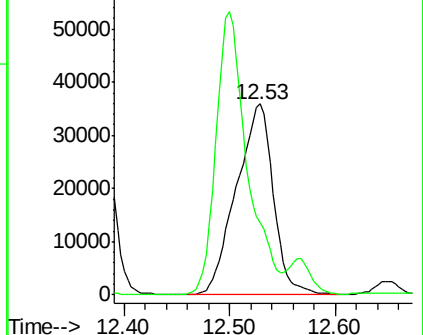
75 100

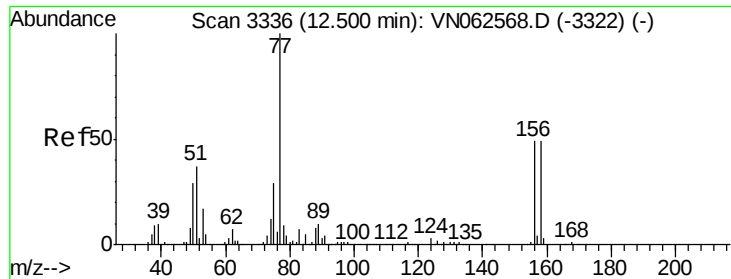
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062630.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062630.D (-3252) (-)

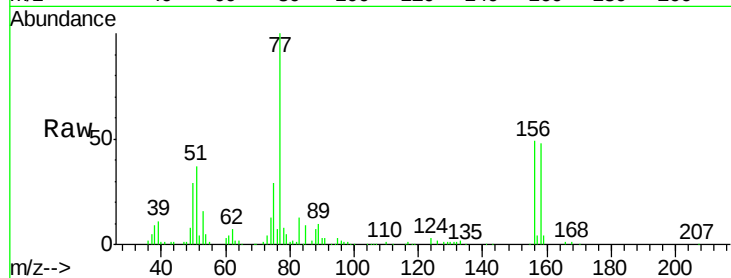




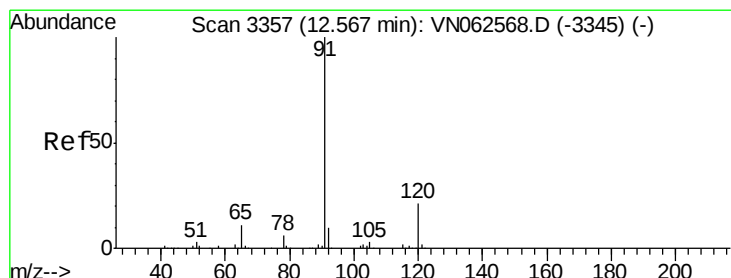
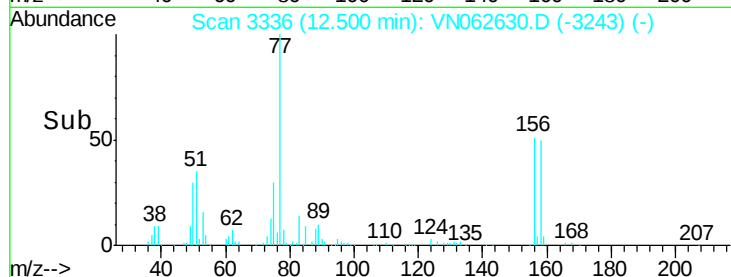
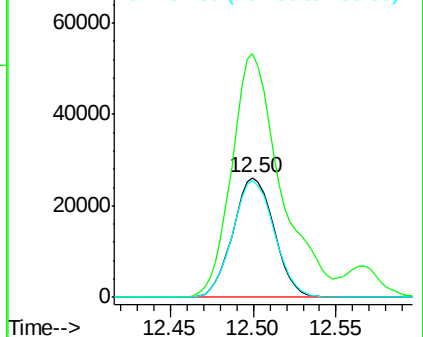
#77
Bromobenzene
Concen: 18.476 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:156 Resp: 45393
Ion Ratio Lower Upper
156 100
77 240.7 122.8 368.3
158 98.7 49.4 148.0

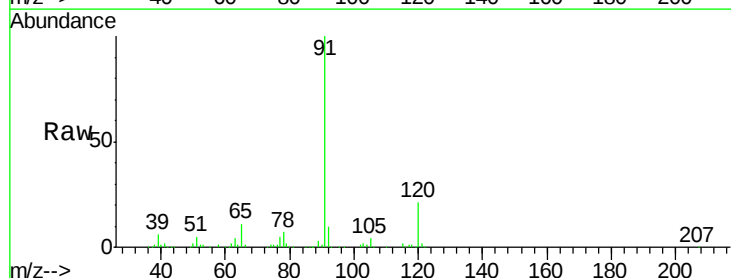


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

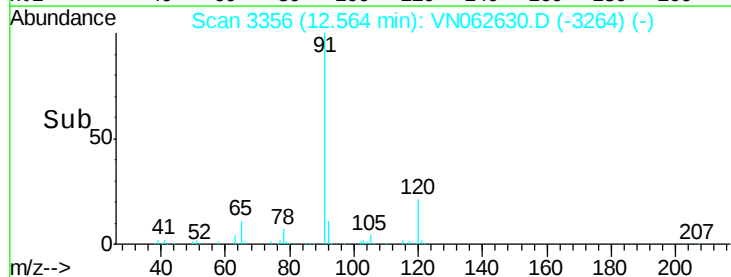
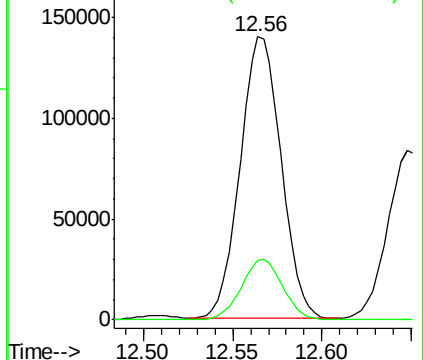


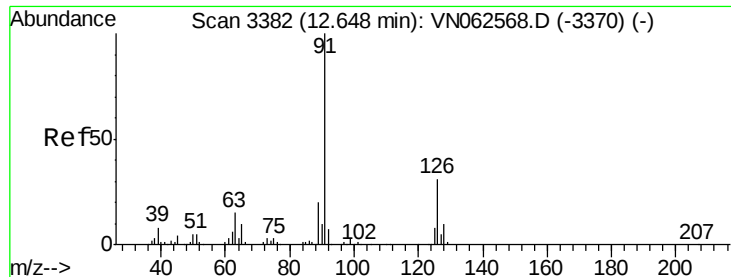
#78
n-propylbenzene
Concen: 18.763 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 91 Resp: 224702
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V

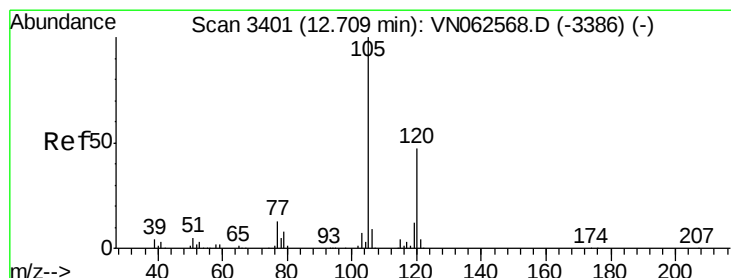
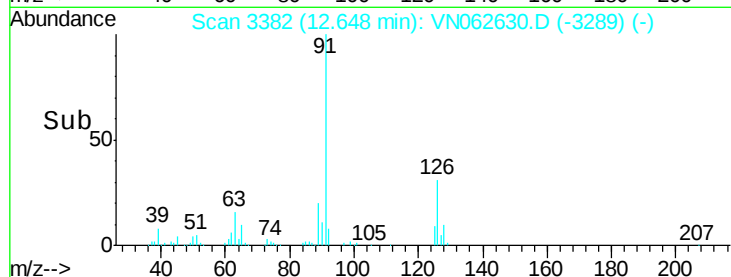
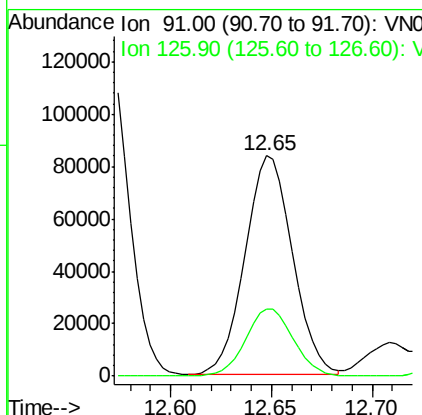
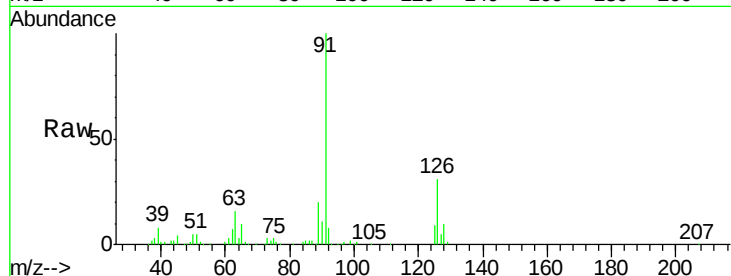




#79
 2-Chlorotoluene
 Concen: 18.696 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

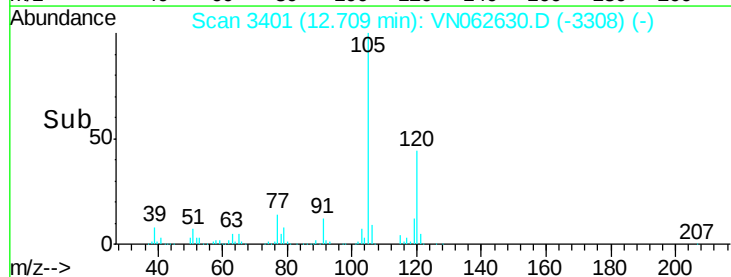
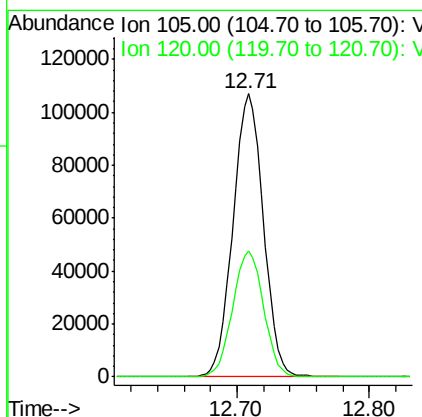
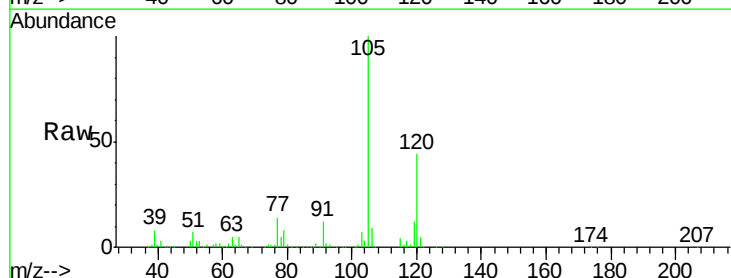
Instrument :
 MSVOA_N
 ClientSampled :

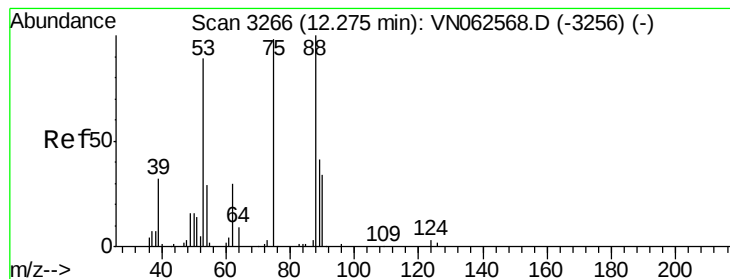
Tot Ion: 91 Resp: 137983
 Ion Ratio Lower Upper
 91 100
 126 31.1 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.080 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 105 Resp: 170289
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.904 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

ClientSampled :

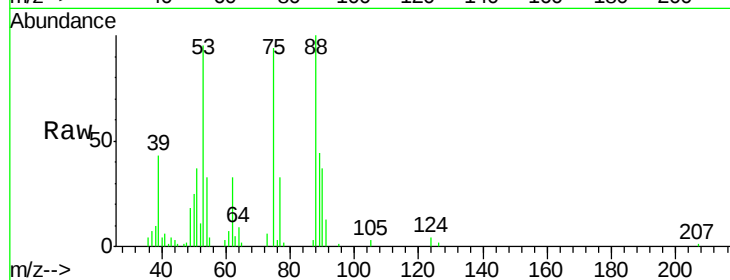
Tot Ion: 75 Resp: 21167

Ion Ratio Lower Upper

75 100

53 99.2 75.4 113.0

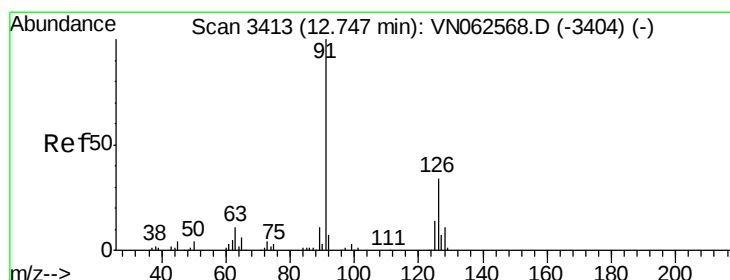
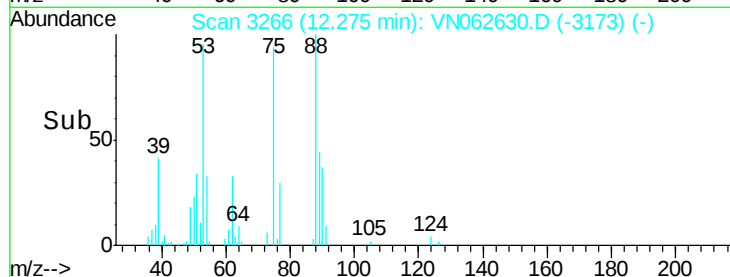
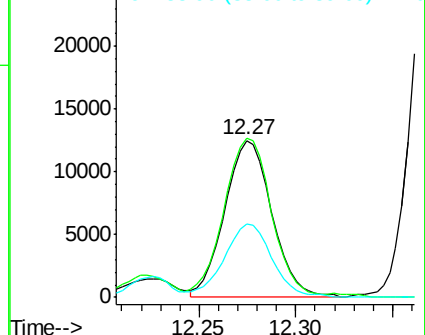
89 47.8 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VN062630.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062630.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062630.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 18.315 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062630.D

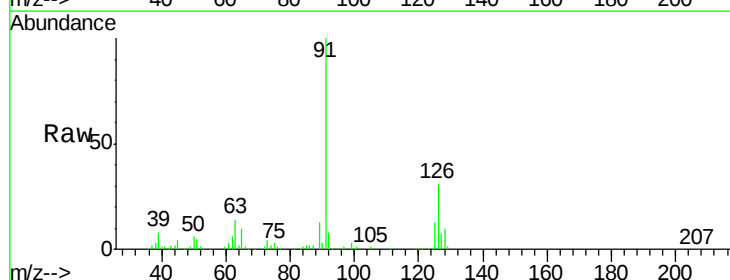
Acq: 28 Jul 2020 13:17

Tgt Ion: 91 Resp: 140694

Ion Ratio Lower Upper

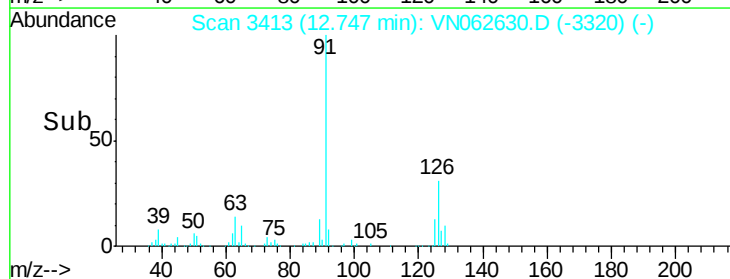
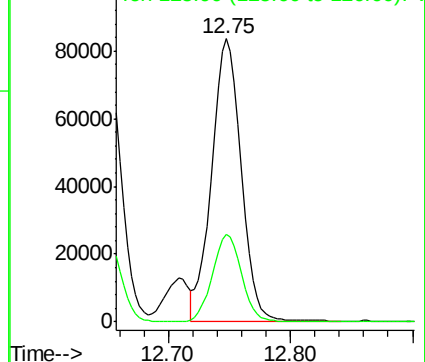
91 100

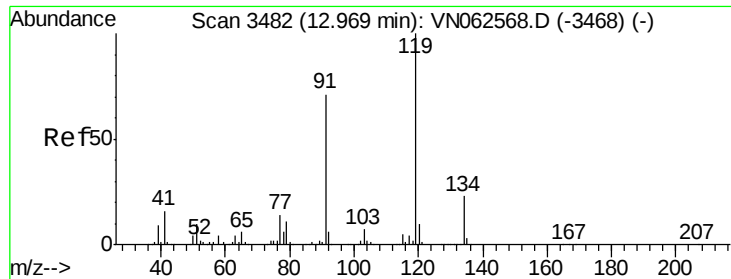
126 30.9 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN062630.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062630.D (-3320) (-)

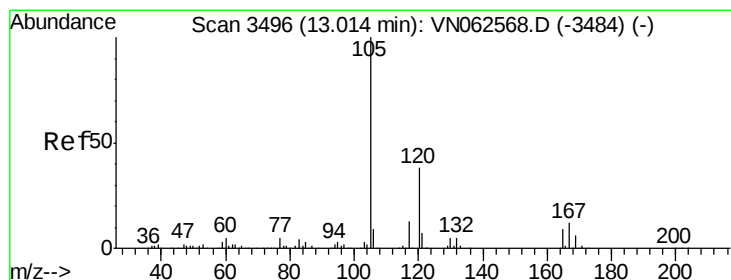
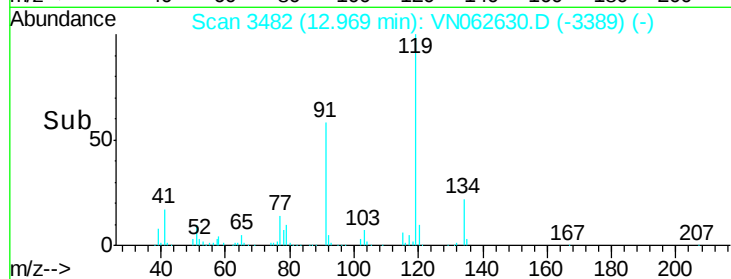
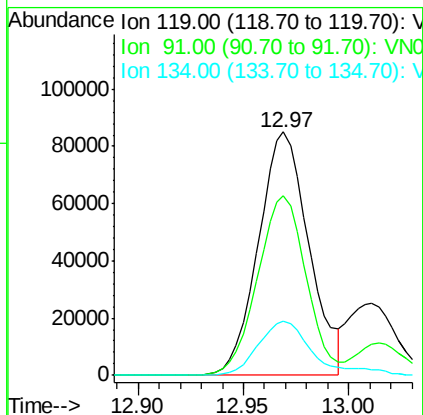
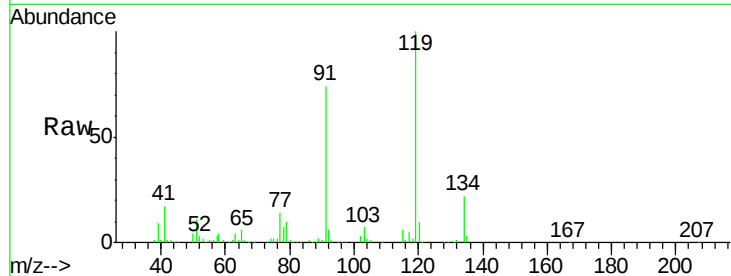




#83
 tert-Butylbenzene
 Concen: 20.140 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

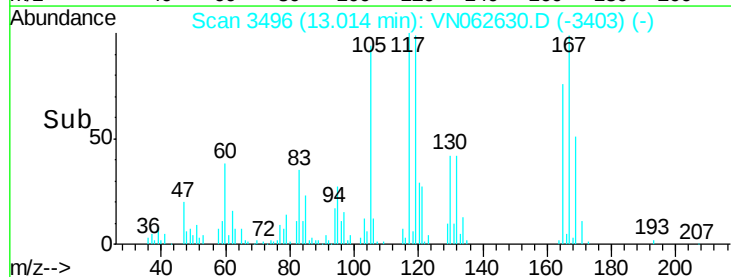
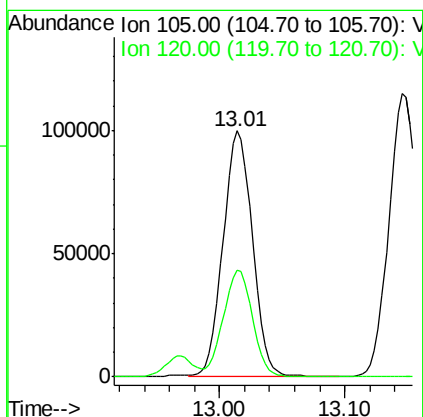
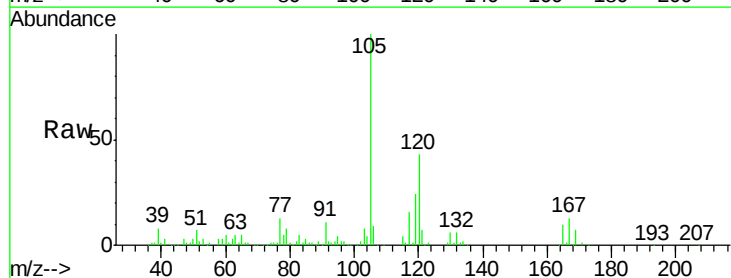
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 141824
 Ion Ratio Lower Upper
 119 100
 91 71.0 34.6 103.8
 134 24.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.406 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion:105 Resp: 161447
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.666 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_N

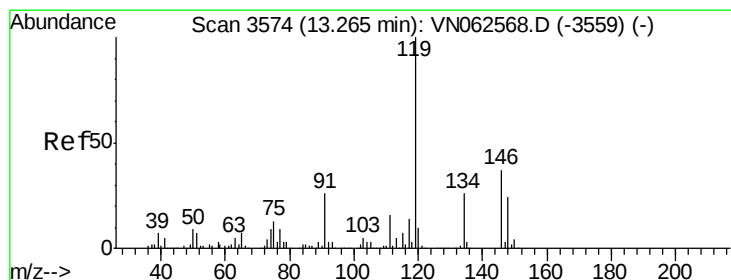
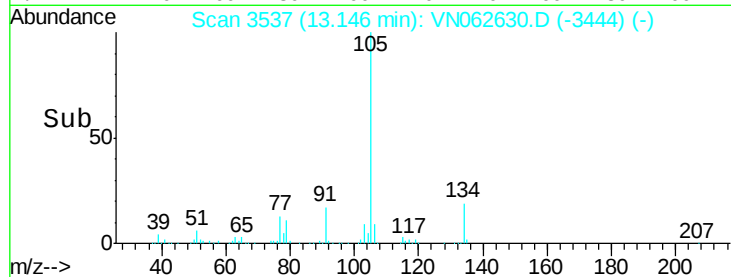
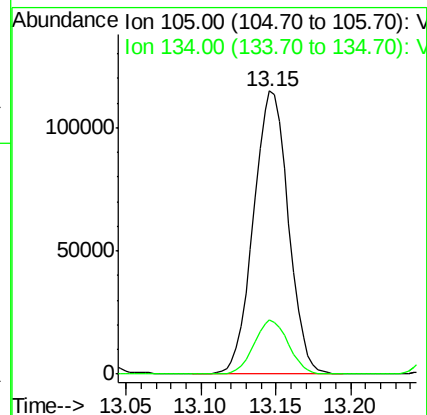
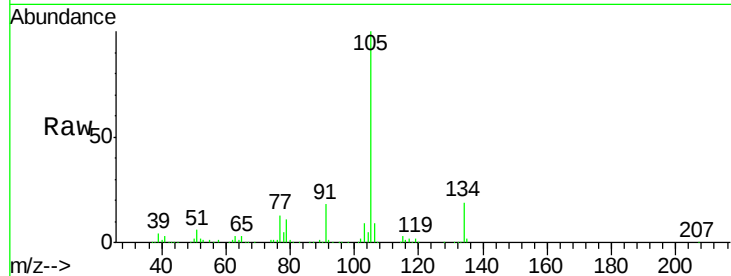
ClientSampled :

Tot Ion:105 Resp: 185401

Ion Ratio Lower Upper

105 100

134 18.9 9.5 28.5



#86

p-Isopropyltoluene

Concen: 20.057 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062630.D

Acq: 28 Jul 2020 13:17

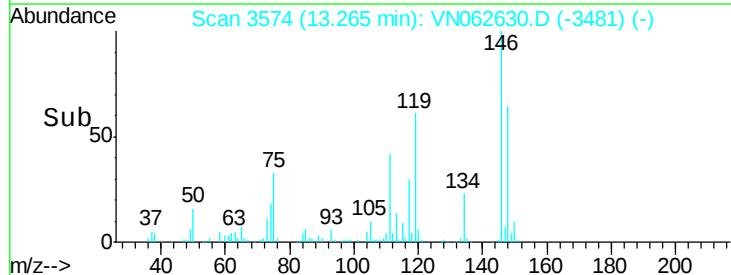
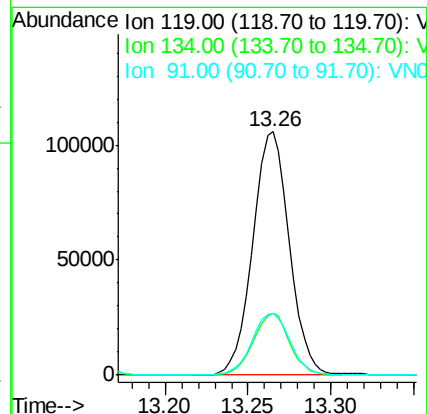
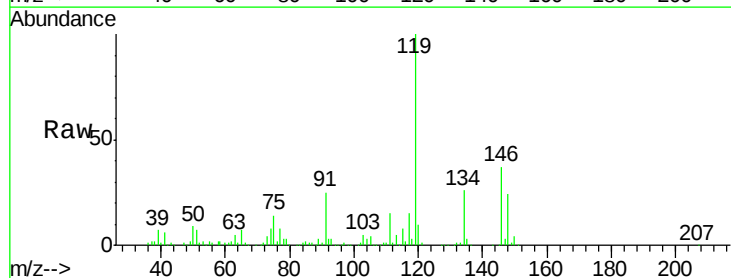
Tgt Ion:119 Resp: 162634

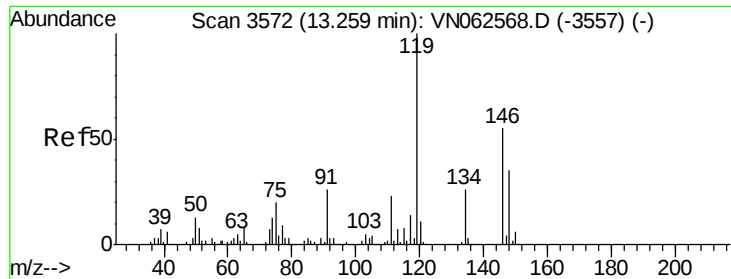
Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

91 25.7 12.7 38.1

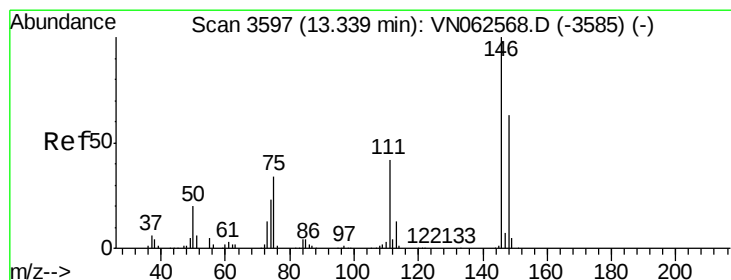
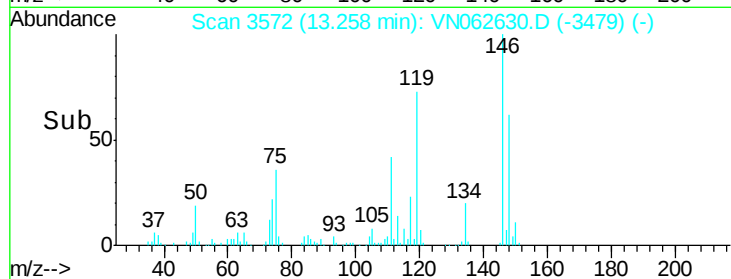
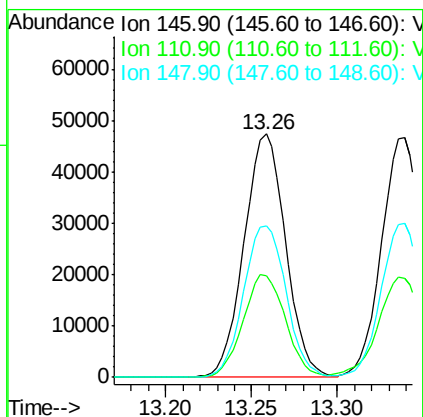
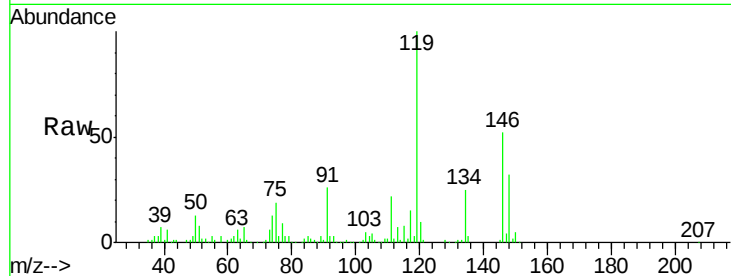




#87
 1,3-Dichlorobenzene
 Concen: 18.438 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

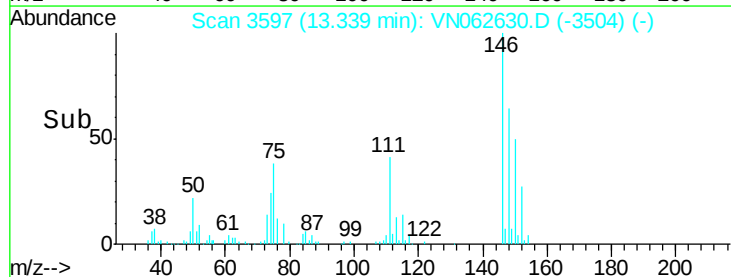
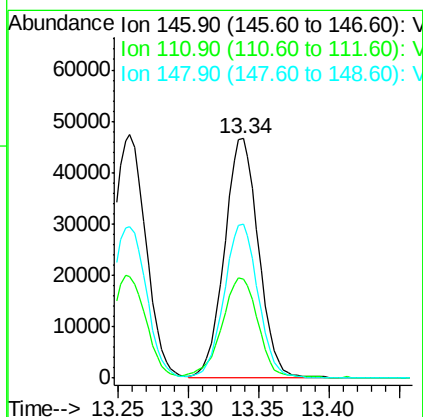
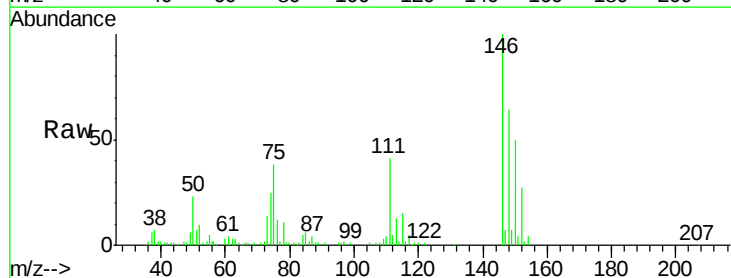
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:146 Resp: 79496
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.6 64.6
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.607 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion:146 Resp: 78974
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.1 63.1
 148 63.2 31.6 94.8

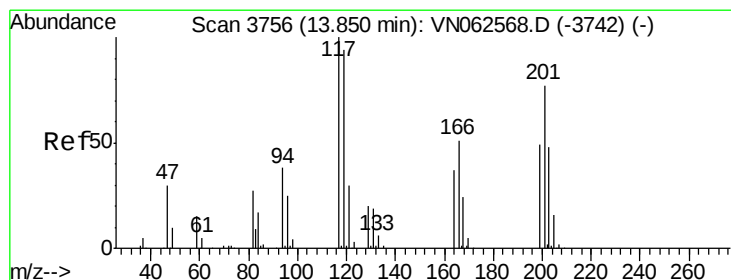
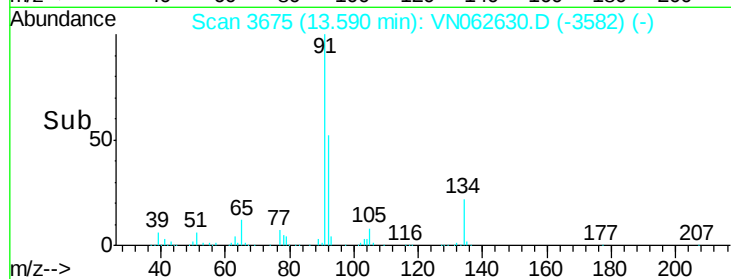
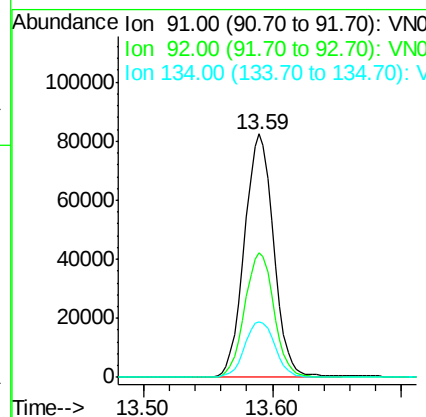
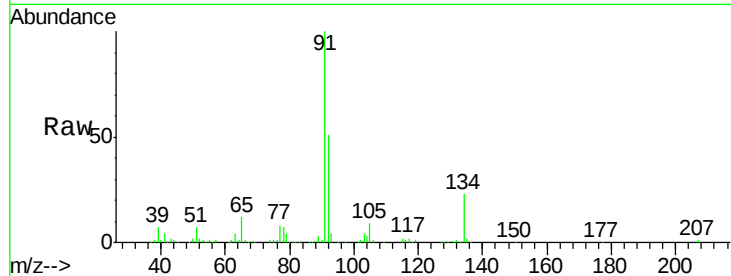




#89
n-Butylbenzene
Concen: 18.746 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

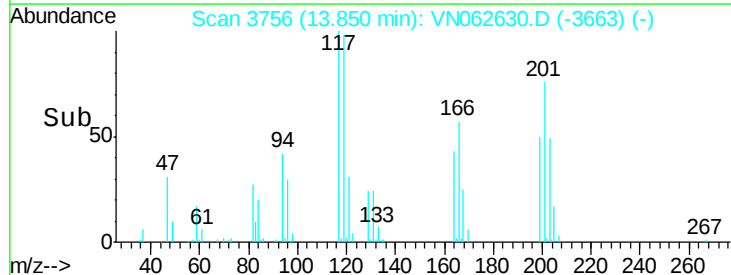
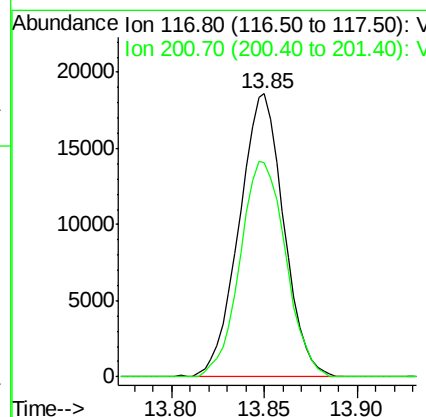
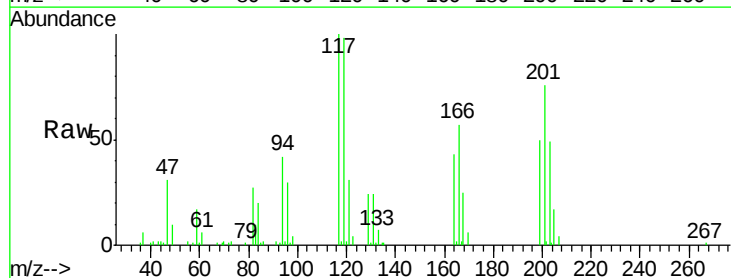
Instrument :
MSVOA_N
ClientSampled :

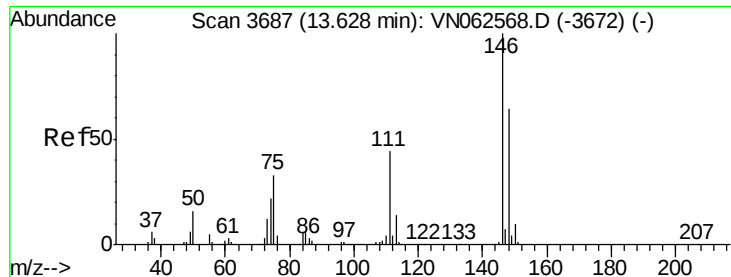
Tot Ion: 91 Resp: 130606
Ion Ratio Lower Upper
91 100
92 51.0 25.8 77.3
134 23.6 11.8 35.3



#90
Hexachloroethane
Concen: 18.051 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 117 Resp: 31158
Ion Ratio Lower Upper
117 100
201 78.0 39.2 117.6

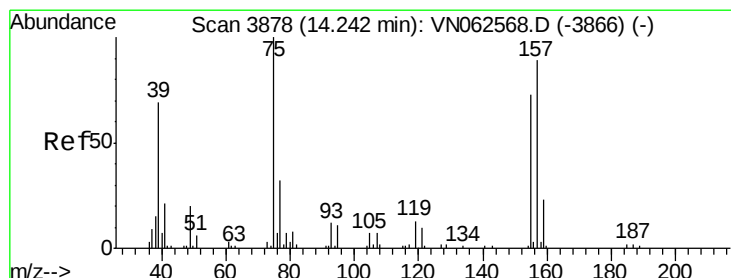
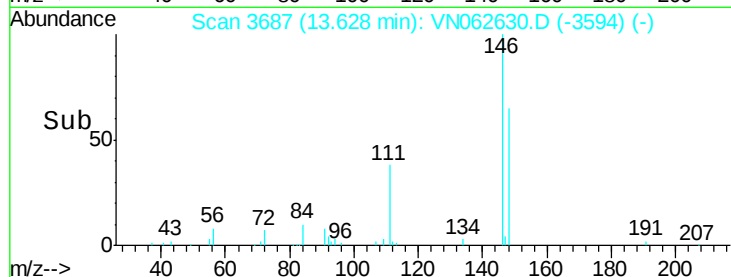
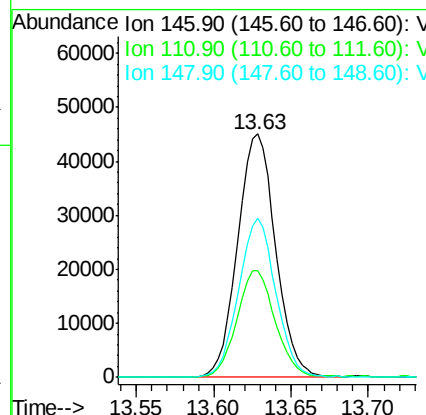
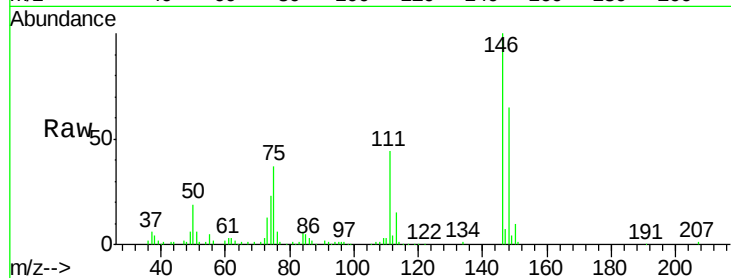




#91
 1,2-Dichlorobenzene
 Concen: 18.679 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

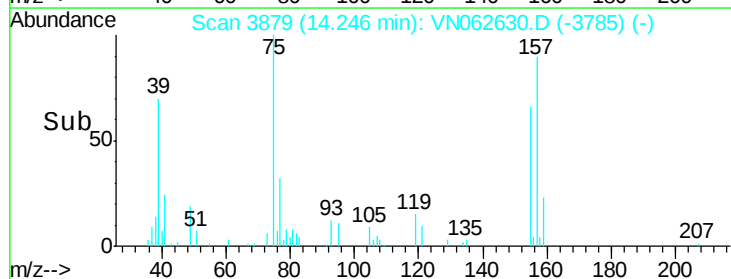
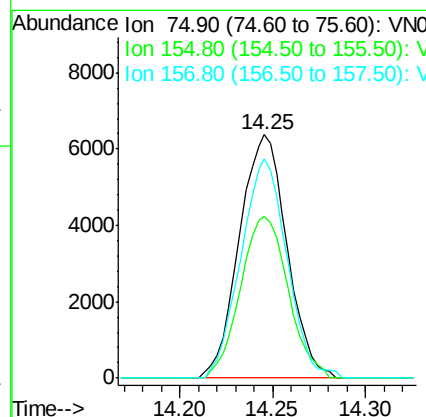
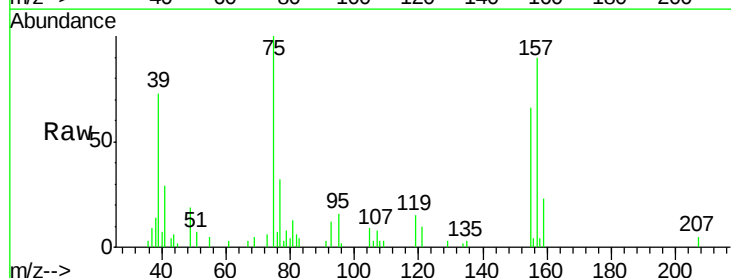
Instrument :
 MSVOA_N
 ClientSampled :

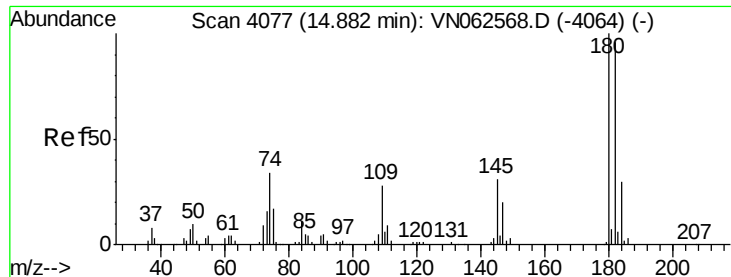
Tot Ion:146 Resp: 77008
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.9 65.8
 148 63.8 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.671 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 75 Resp: 11398
 Ion Ratio Lower Upper
 75 100
 155 66.4 35.9 107.5
 157 87.2 45.0 135.0

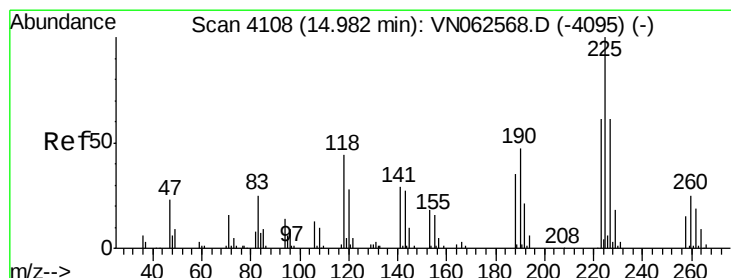
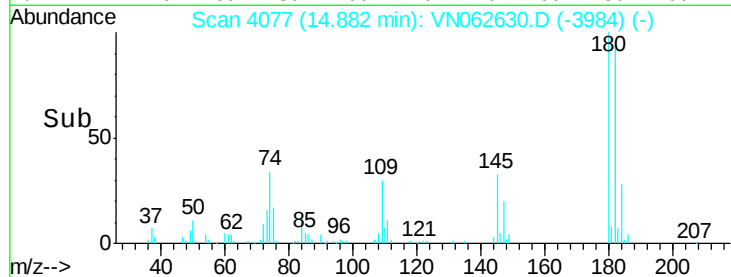
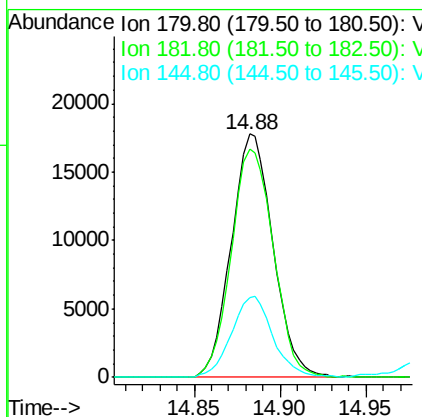
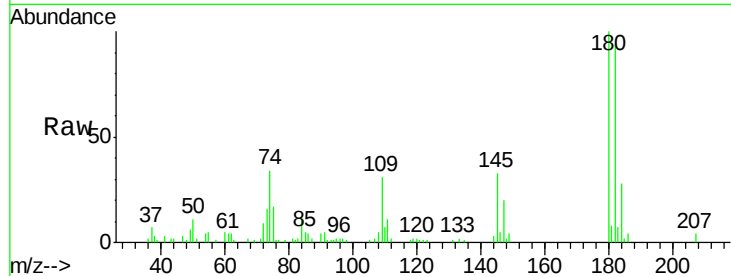




#93
 1,2,4-Trichlorobenzene
 Concen: 16.049 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

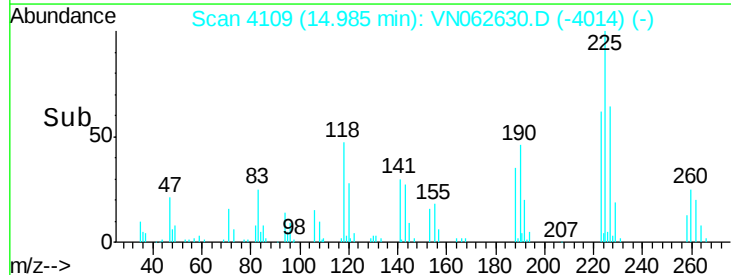
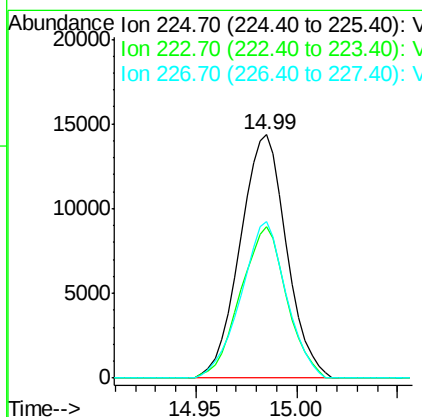
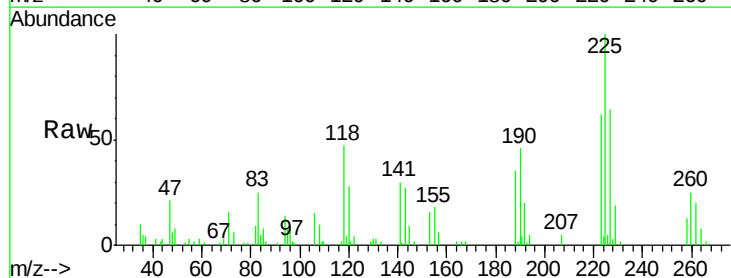
Instrument :
 MSVOA_N
 ClientSampleId :

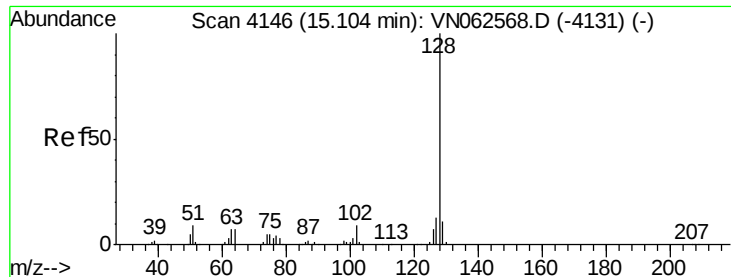
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.3
145	33.2	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 20.500 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062630.D
 Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	32.0	96.0
227	62.6	31.1	93.2

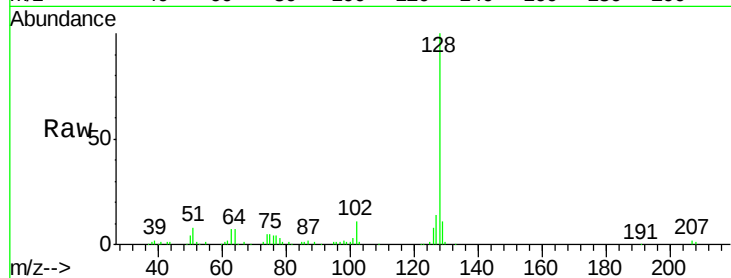




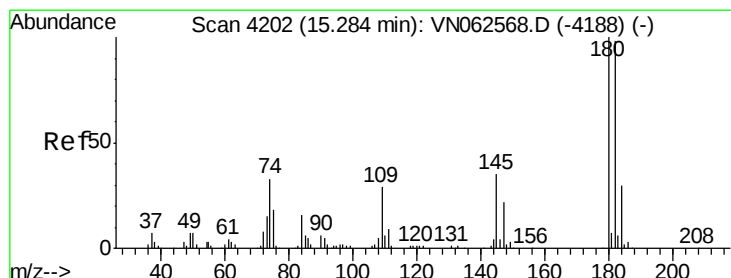
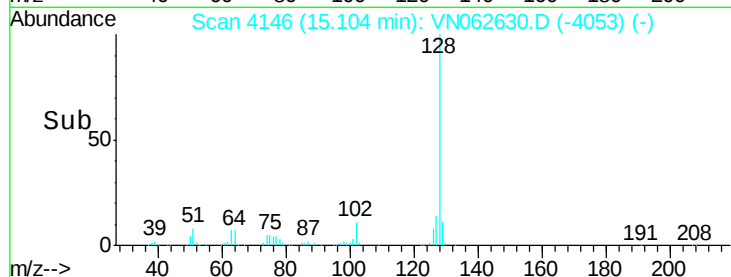
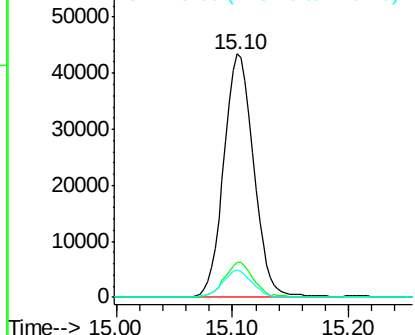
#95
Naphthalene
Concen: 16.226 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 77500
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 10.8 8.7 13.1

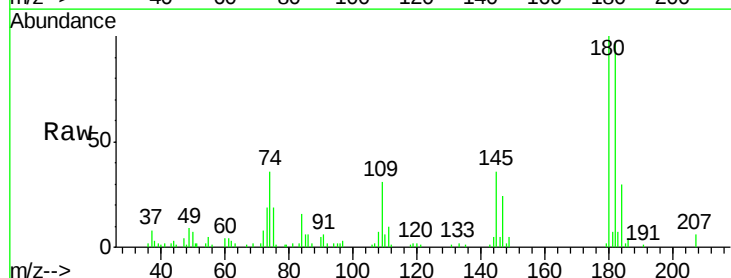


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 15.693 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062630.D
Acq: 28 Jul 2020 13:17

Tgt Ion:180 Resp: 30489
Ion Ratio Lower Upper
180 100
182 97.0 48.1 144.3
145 35.5 16.7 50.1



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

