

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061563.D
 Acq On : 29 May 2020 13:38
 Operator : JC/MD
 Sample : L2182-09 2.5PPB MDL
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 30 07:17:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 30 07:13:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	276931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	492990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	450863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192357	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	184712	55.98	ug/l	0.00
Spiked Amount			Recovery	=	111.96%	
35) Dibromofluoromethane	7.55	113	141815	56.71	ug/l	0.00
Spiked Amount			Recovery	=	113.42%	
50) Toluene-d8	10.06	98	587169	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.37	95	195717	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	5194	1.795	ug/l	95
3) Chloromethane	2.03	50	9055	2.681	ug/l	93
4) Vinyl Chloride	2.16	62	11312	2.444	ug/l	98
5) Bromomethane	2.54	94	7845	2.954	ug/l	96
6) Chloroethane	2.67	64	7729	2.594	ug/l	99
7) Trichlorofluoromethane	2.98	101	14892	2.495	ug/l	96
8) Diethyl Ether	3.37	74	4419	2.421	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	2867	1.082	ug/l #	1
10) Methyl Iodide	3.91	142	9119	2.480	ug/l #	96
11) Tert butyl alcohol	4.74	59	6669	15.196	ug/l #	89
12) 1,1-Dichloroethene	3.69	96	7150	2.527	ug/l	95
13) Acrolein	3.57	56	3565	21.187	ug/l	95
14) Allyl chloride	4.28	41	8780	2.373	ug/l	95
15) Acrylonitrile	4.93	53	15091	12.320	ug/l	98
16) Acetone	3.78	43	15055	12.901	ug/l	97
17) Carbon Disulfide	4.01	76	17187	2.761	ug/l #	91
18) Methyl Acetate	4.28	43	7437	2.490	ug/l	92
19) Methyl tert-butyl Ether	4.99	73	25168	2.610	ug/l	97
20) Methylene Chloride	4.51	84	8633	2.134	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	8519	2.670	ug/l #	85
22) Diisopropyl ether	5.90	45	21276	2.609	ug/l	94
23) Vinyl Acetate	5.84	43	79007	12.157	ug/l	99
24) 1,1-Dichloroethane	5.80	63	13408	2.593	ug/l #	88
25) 2-Butanone	6.79	43	18917	12.098	ug/l	95
26) 2,2-Dichloropropane	6.78	77	12181	2.574	ug/l	94
27) cis-1,2-Dichloroethene	6.79	96	9815	2.716	ug/l	97
28) Bromochloromethane	7.15	49	6334	2.839	ug/l #	93
29) Tetrahydrofuran	7.17	42	12755	12.370	ug/l	99
30) Chloroform	7.33	83	15525	2.714	ug/l	94
31) Cyclohexane	7.62	56	16852	3.624	ug/l #	75
32) 1,1,1-Trichloroethane	7.53	97	12982	2.491	ug/l #	47
36) 1,1-Dichloropropene	7.75	75	10405	2.384	ug/l	98
37) Ethyl Acetate	6.88	43	9418	2.679	ug/l #	83
38) Carbon Tetrachloride	7.73	117	9390	2.231	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061563.D
 Acq On : 29 May 2020 13:38
 Operator : JC/MD
 Sample : L2182-09 2.5PPB MDL
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 30 07:17:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 30 07:13:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	12137	2.256	ug/l	97
40) Benzene	8.00	78	31755	2.358	ug/l	96
41) Methacrylonitrile	7.17	41	12608	7.829	ug/l #	18
42) 1,2-Dichloroethane	8.09	62	11566	2.566	ug/l	94
43) Isopropyl Acetate	8.13	43	14844	2.347	ug/l #	89
44) Trichloroethene	8.80	130	9604	2.321	ug/l	98
45) 1,2-Dichloropropane	9.09	63	7571	2.368	ug/l	95
46) Dibromomethane	9.18	93	5712	2.329	ug/l	91
47) Bromodichloromethane	9.37	83	11193	2.304	ug/l	98
48) Methyl methacrylate	9.17	41	6268	2.203	ug/l	93
49) 1,4-Dioxane	9.17	88	2647	60.052	ug/l #	90
51) 4-Methyl-2-Pentanone	9.95	43	39733	11.149	ug/l	100
52) Toluene	10.13	92	21131	2.404	ug/l	99
53) t-1,3-Dichloropropene	10.36	75	11872	2.268	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	12653	2.248	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	8012	2.288	ug/l	96
56) Ethyl methacrylate	10.40	69	10054	2.055	ug/l #	93
57) 1,3-Dichloropropane	10.68	76	13251	2.366	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	22356	10.695	ug/l	99
59) 2-Hexanone	10.72	43	27887	10.896	ug/l	90
60) Dibromochloromethane	10.88	129	8059	2.024	ug/l	92
61) 1,2-Dibromoethane	10.98	107	7839	2.147	ug/l	95
64) Tetrachloroethene	10.61	164	9467	2.231	ug/l	94
65) Chlorobenzene	11.41	112	22505	2.401	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	7364	2.110	ug/l	93
67) Ethyl Benzene	11.48	91	37277	2.301	ug/l	96
68) m/p-Xylenes	11.60	106	29495	4.592	ug/l	98
69) o-Xylene	11.92	106	13957	2.288	ug/l	100
70) Styrene	11.94	104	20248	2.004	ug/l	96
71) Bromoform	12.10	173	4777	1.777	ug/l #	98
73) Isopropylbenzene	12.22	105	36431	2.595	ug/l	98
74) N-amyl acetate	12.05	43	10618	2.402	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.48	83	9656	2.454	ug/l	92
76) 1,2,3-Trichloropropane	12.53	75	13272	3.794	ug/l #	100
77) Bromobenzene	12.50	156	8745	2.440	ug/l	89
78) n-propylbenzene	12.56	91	40213	2.566	ug/l	98
79) 2-Chlorotoluene	12.65	91	24939	2.668	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	28716	2.447	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.37	75	98096	71.719	ug/l #	15
82) 4-Chlorotoluene	12.75	91	24612	2.503	ug/l	99
83) tert-Butylbenzene	12.97	119	25965	2.504	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	29196	2.504	ug/l	99
85) sec-Butylbenzene	13.15	105	32908	2.463	ug/l	97
86) p-Isopropyltoluene	13.26	119	28788	2.340	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	15134	2.385	ug/l	95
88) 1,4-Dichlorobenzene	13.26	146	15134	2.341	ug/l	95
89) n-Butylbenzene	13.59	91	24721	2.399	ug/l	97
90) Hexachloroethane	13.85	117	3102	2.280	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	15186	2.504	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1679	2.093	ug/l	95

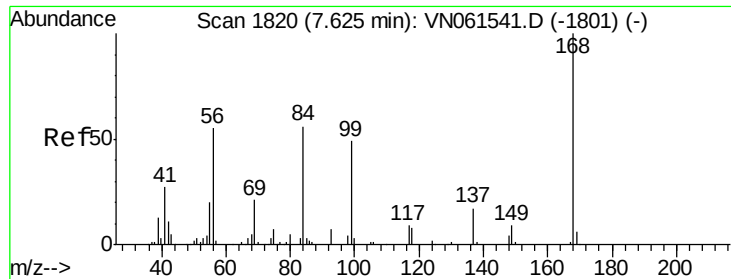
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
Data File : VN061563.D
Acq On : 29 May 2020 13:38
Operator : JC/MD
Sample : L2182-09 2.5PPB MDL
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 30 07:17:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Sat May 30 07:13:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	7078	1.996	ug/l	97
94) Hexachlorobutadiene	14.99	225	3547	2.345	ug/l	97
95) Naphthalene	15.10	128	21606	2.001	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	7738	2.219	ug/l	95

(#) = 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: VN061563.D

Acq: 29 May 2020 13:38

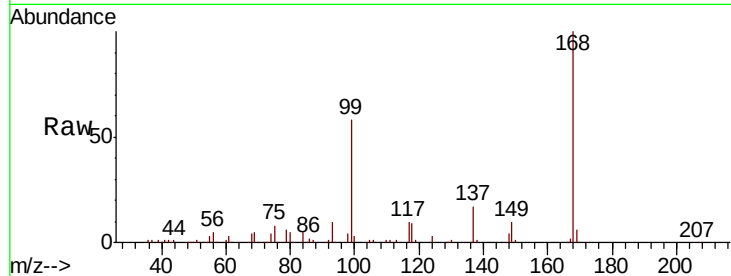
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 276931

Ion Ratio Lower Upper

168 100

99 58.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

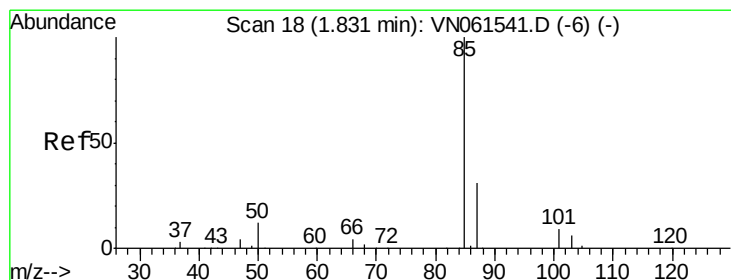
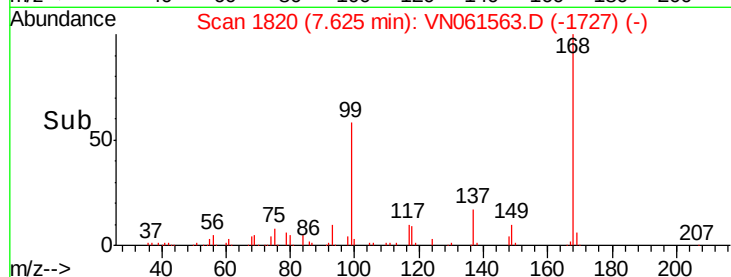
7.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.795 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN061563.D

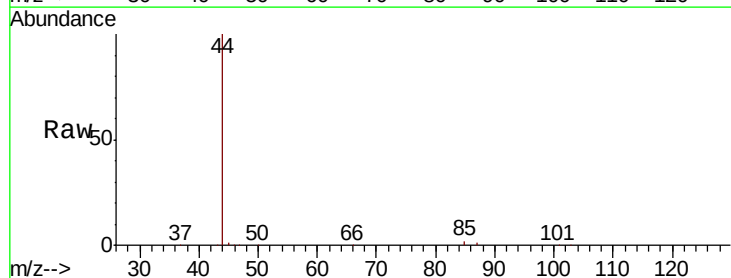
Acq: 29 May 2020 13:38

Tgt Ion: 85 Resp: 5194

Ion Ratio Lower Upper

85 100

87 34.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

4000

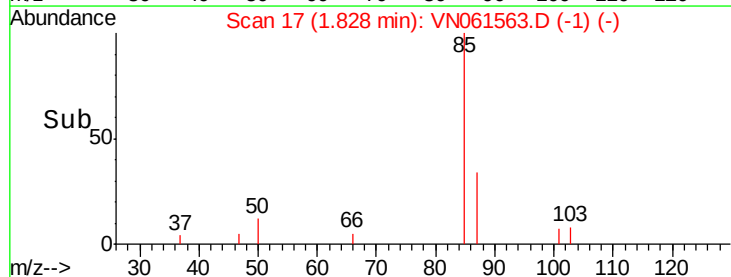
3000

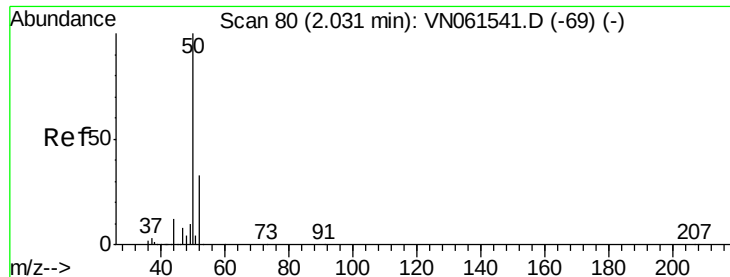
2000

1000

0

Time-->





#3

Chloromethane

Concen: 2.681 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

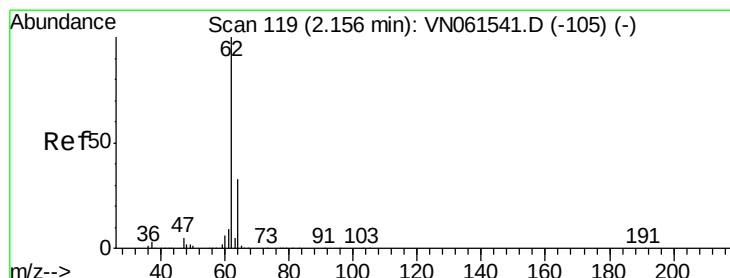
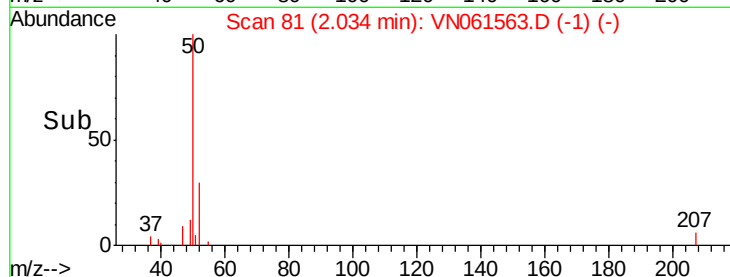
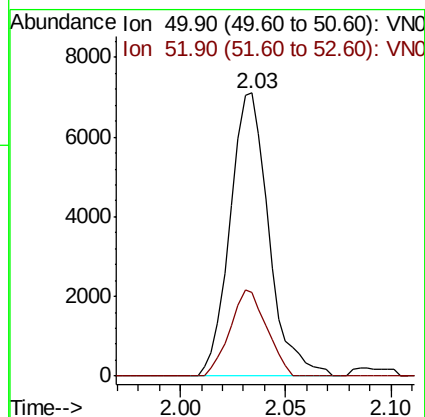
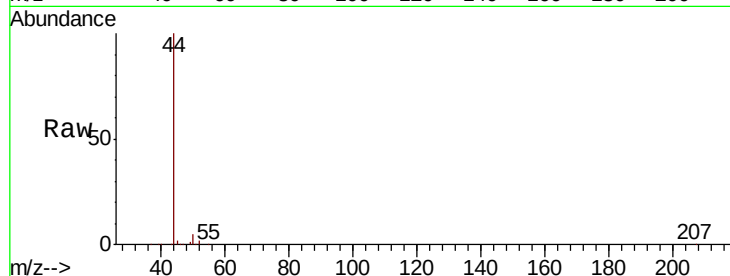
ClientSampleId :

Tot Ion: 50 Resp: 9055

Ion Ratio Lower Upper

50 100

52 29.5 26.7 40.1



#4

Vinyl Chloride

Concen: 2.444 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061563.D

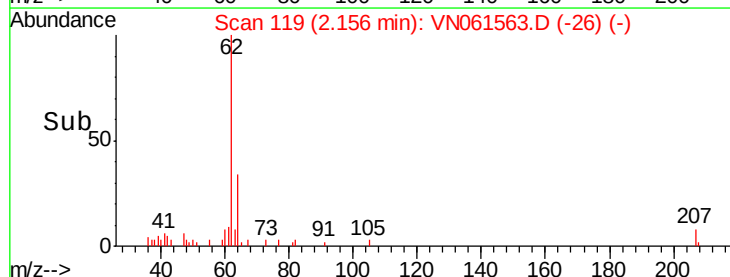
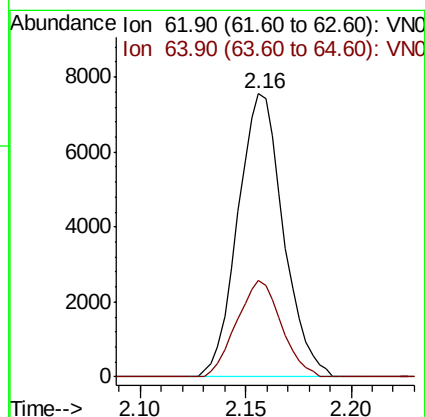
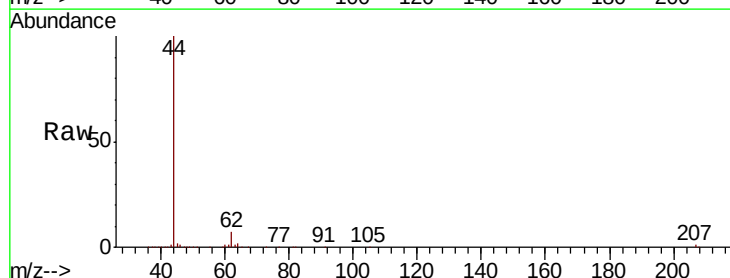
Acq: 29 May 2020 13:38

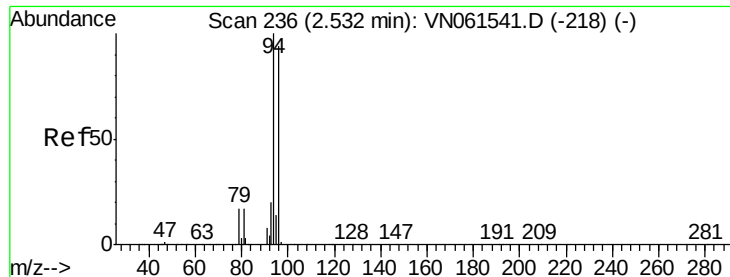
Tgt Ion: 62 Resp: 11312

Ion Ratio Lower Upper

62 100

64 34.0 26.2 39.2





#5

Bromomethane

Concen: 2.954 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

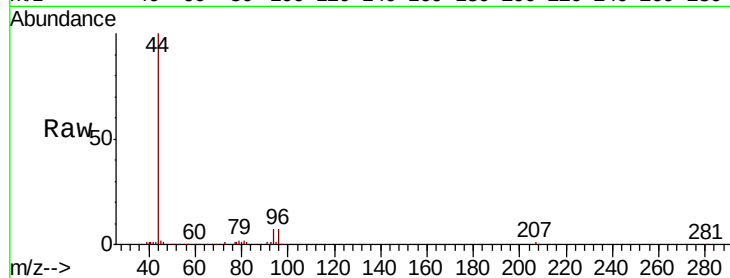
ClientSampleId :

Tot Ion: 94 Resp: 7845

Ion Ratio Lower Upper

94 100

96 89.7 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN061541.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061541.D (-218) (-)

2.54

4000

3000

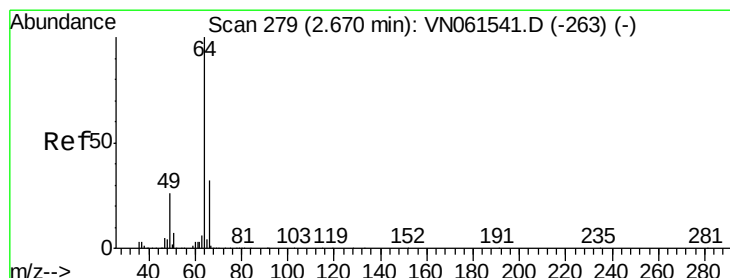
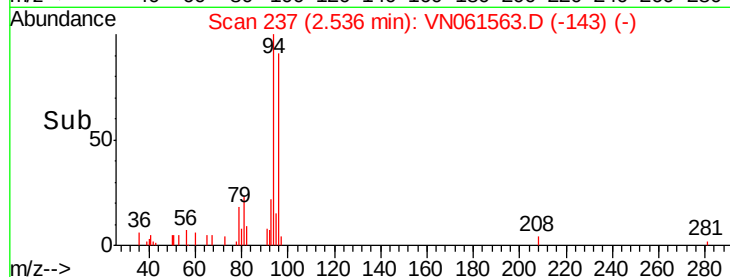
2000

1000

0

2.45 2.50 2.55 2.60

Time-->



#6

Chloroethane

Concen: 2.594 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061563.D

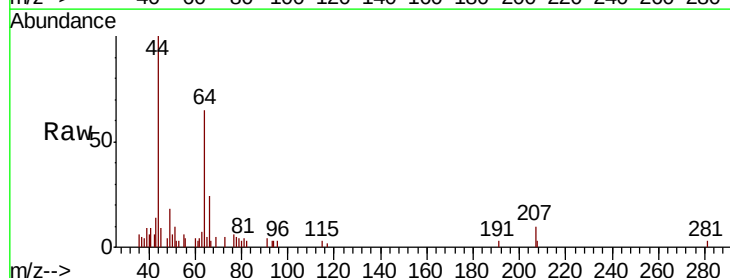
Acq: 29 May 2020 13:38

Tgt Ion: 64 Resp: 7729

Ion Ratio Lower Upper

64 100

66 32.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN061541.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN061541.D (-263) (-)

2.67

4000

3000

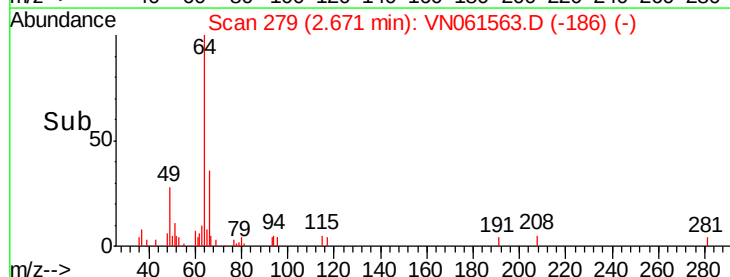
2000

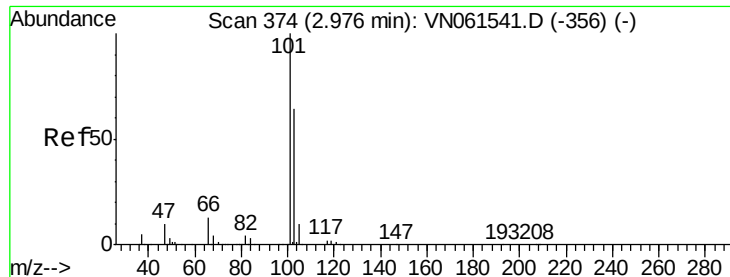
1000

0

2.60 2.65 2.70 2.75

Time-->



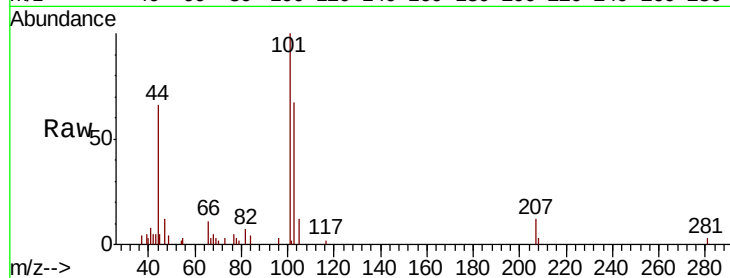


#7

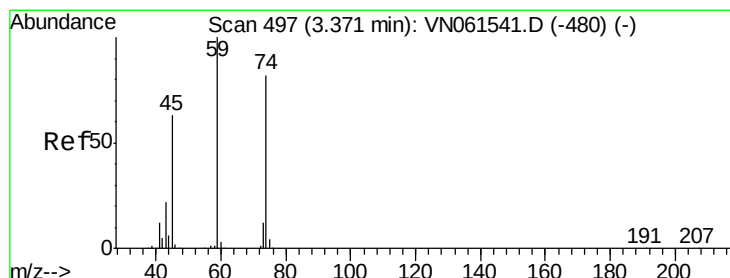
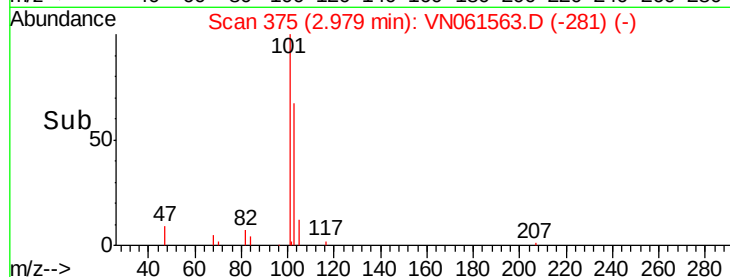
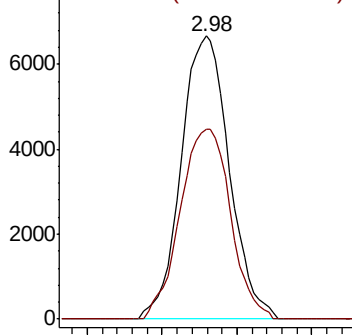
Trichlorofluoromethane
 Concen: 2.495 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 14892
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.4 77.2



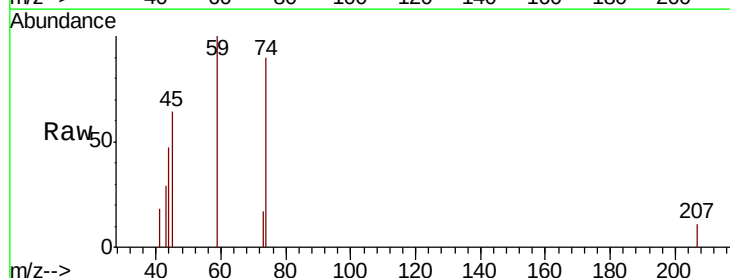
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



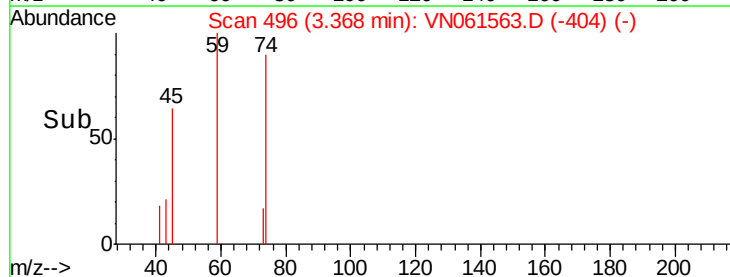
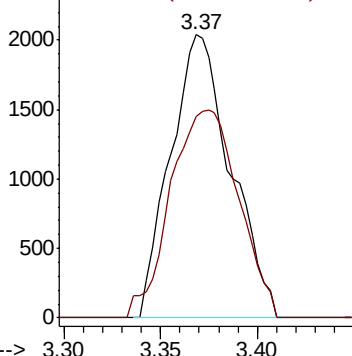
#8

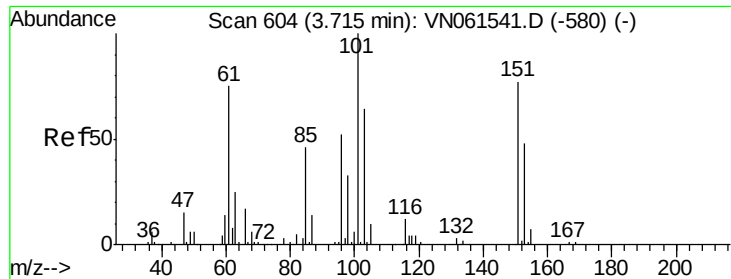
Diethyl Ether
 Concen: 2.421 ug/l
 RT: 3.37 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Tgt Ion: 74 Resp: 4419
 Ion Ratio Lower Upper
 74 100
 45 83.0 39.9 119.7



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.082 ug/l

RT: 3.71 min Scan# 601

Delta R.T. -0.01 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

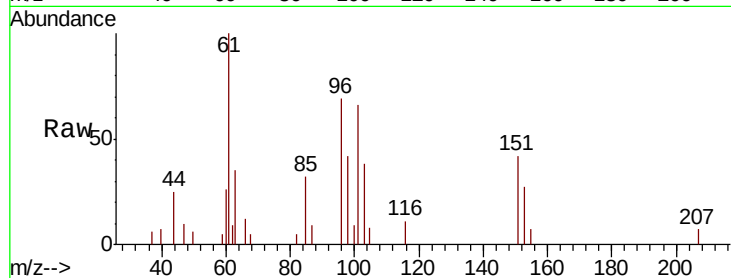
Tot Ion:101 Resp: 2867

Ion Ratio Lower Upper

101 100

85 104.1 35.2 52.8#

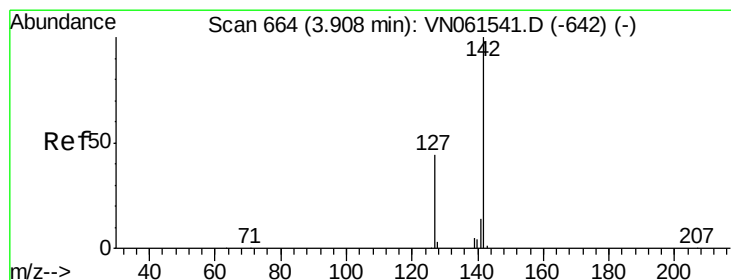
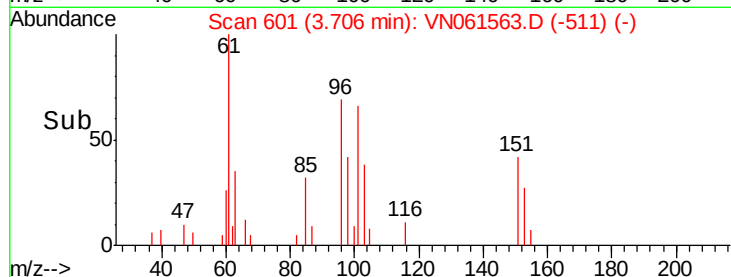
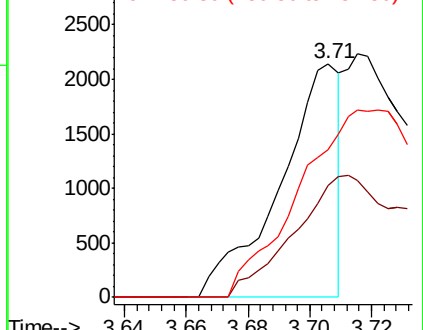
151 175.2 61.0 91.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.480 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

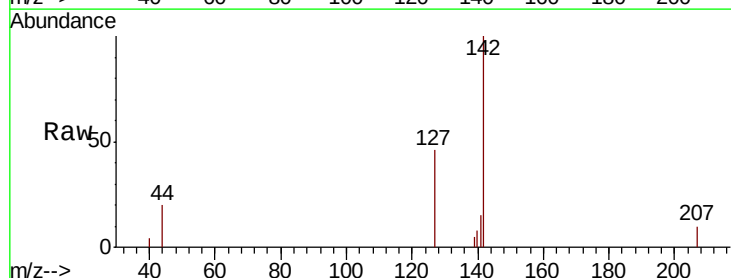
Tgt Ion:142 Resp: 9119

Ion Ratio Lower Upper

142 100

127 45.0 35.5 53.3

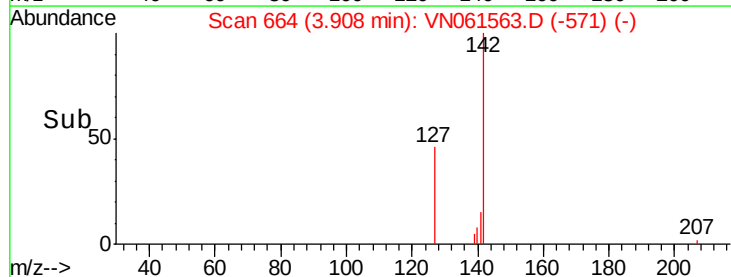
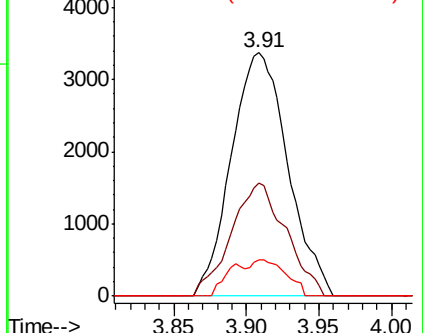
141 8.6 11.5 17.3#

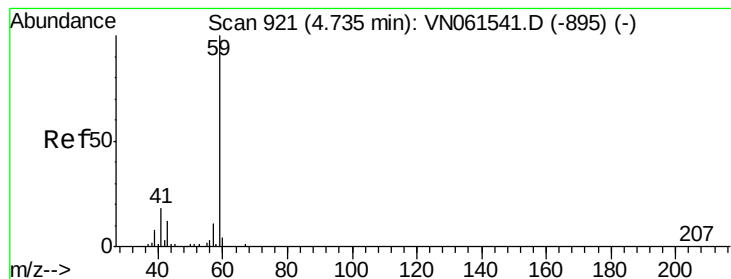


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



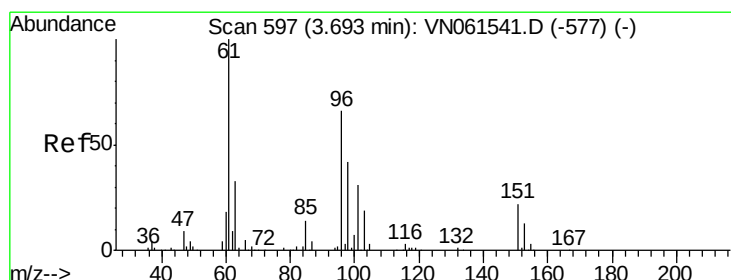
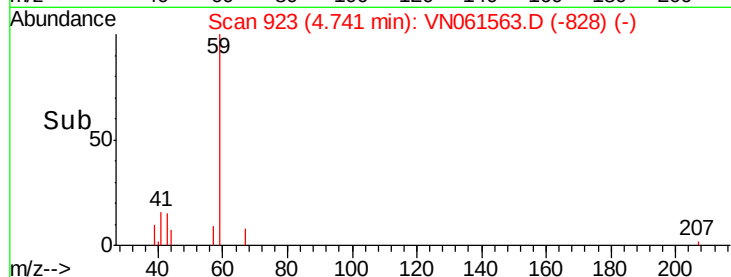
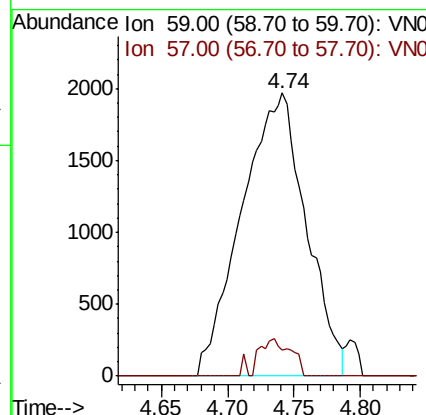
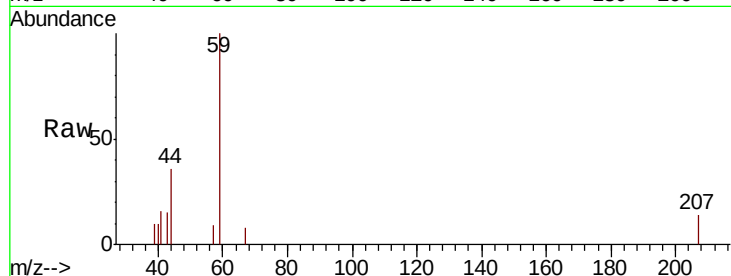


#11

Tert butyl alcohol
Concen: 15.196 ug/l
RT: 4.74 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Instrument :
MSVOA_N
ClientSampled :

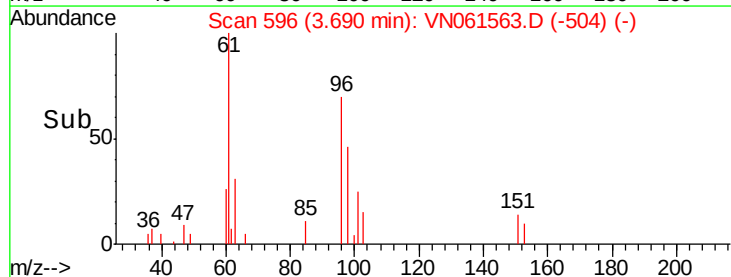
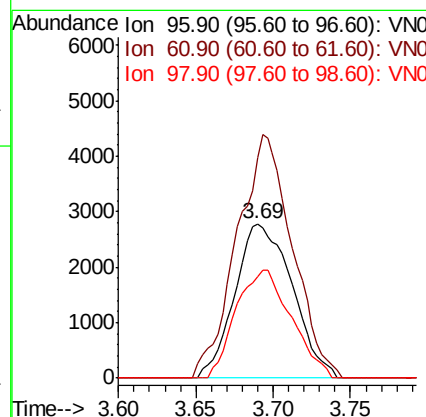
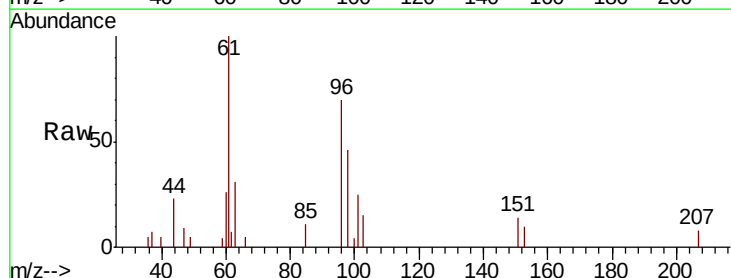
Tot Ion: 59 Resp: 6669
Ion Ratio Lower Upper
59 100
57 6.3 8.4 12.6#

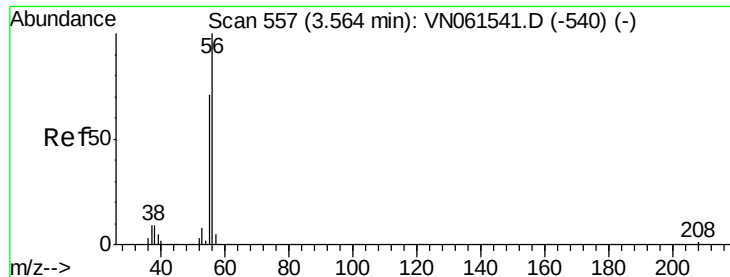


#12

1,1-Dichloroethene
Concen: 2.527 ug/l
RT: 3.69 min Scan# 596
Delta R.T. -0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Tgt Ion: 96 Resp: 7150
Ion Ratio Lower Upper
96 100
61 142.5 120.5 180.7
98 65.7 50.8 76.2





#13

Acrolein

Concen: 21.187 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.01 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

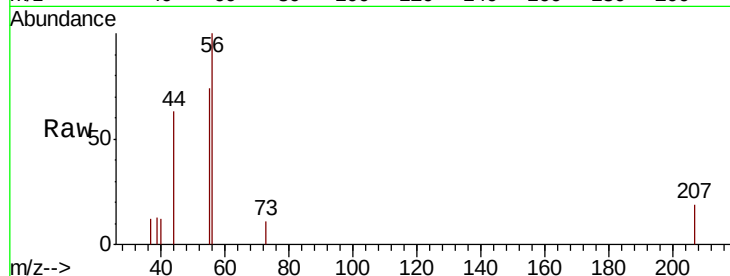
ClientSampleId :

Tot Ion: 56 Resp: 3565

Ion Ratio Lower Upper

56 100

55 76.7 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061541.D (-540) (-)

3.57

1500

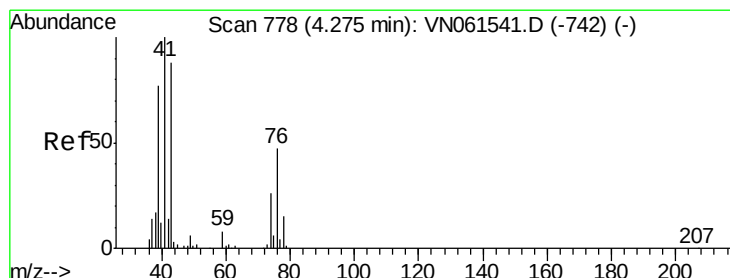
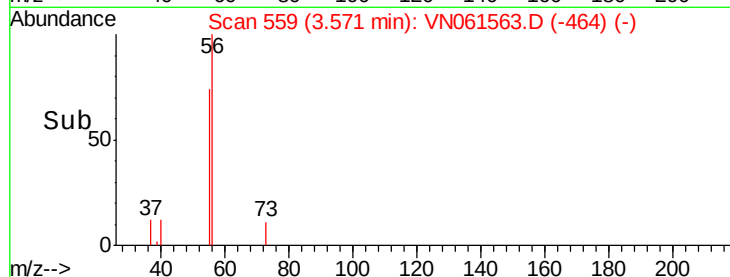
1000

500

0

3.50 3.55 3.60 3.65

Time-->



#14

Allyl chloride

Concen: 2.373 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

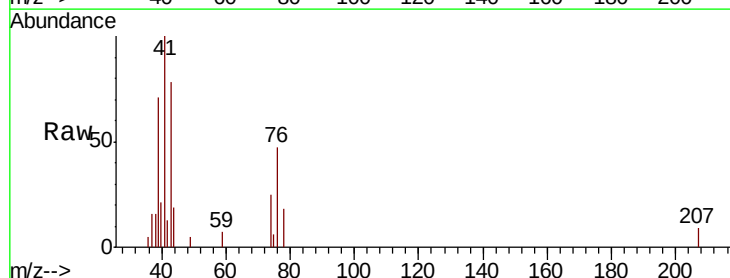
Tgt Ion: 41 Resp: 8780

Ion Ratio Lower Upper

41 100

39 77.3 58.6 88.0

76 45.9 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-742) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-742) (-)

Ion 75.90 (75.60 to 76.60): VN061541.D (-742) (-)

4.28

4000

3000

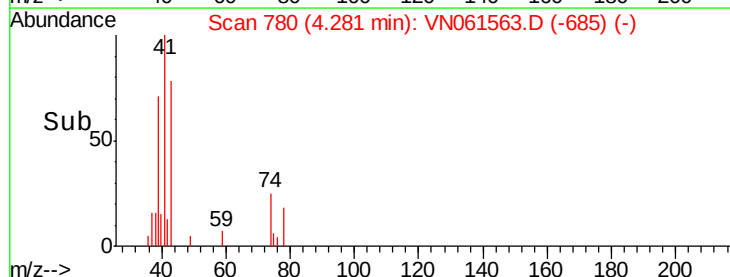
2000

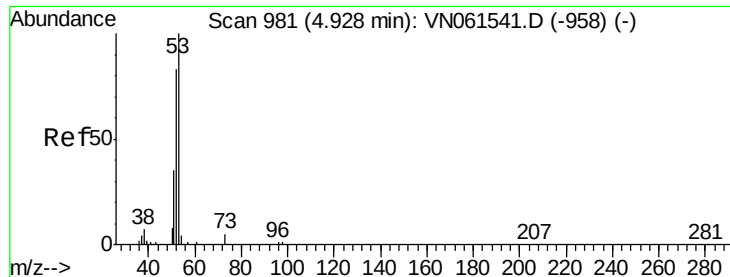
1000

0

4.20 4.25 4.30 4.35

Time-->





#15

Acrylonitrile

Concen: 12.320 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

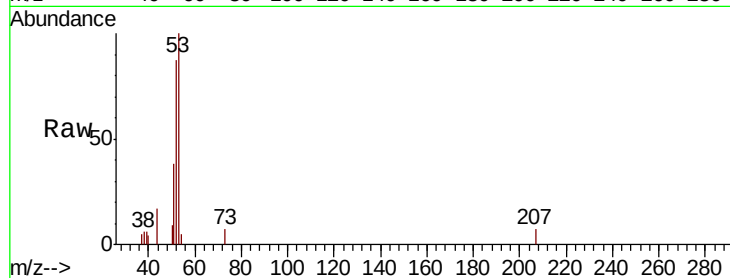
Tot Ion: 53 Resp: 15091

Ion Ratio Lower Upper

53 100

52 82.6 65.4 98.2

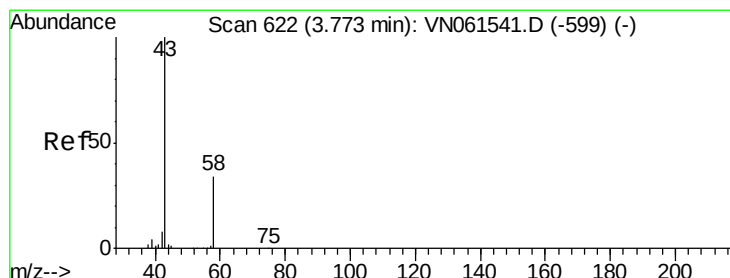
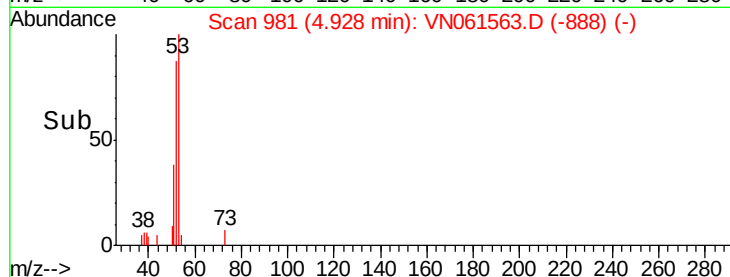
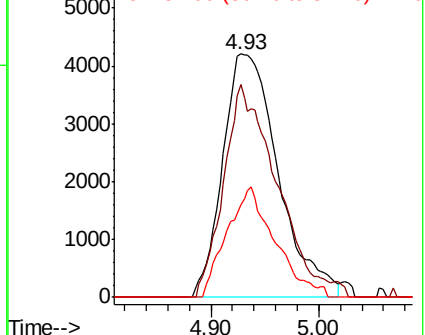
51 39.2 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN061541.D (-958) (-)

Ion 52.00 (51.70 to 52.70): VN061541.D (-958) (-)

Ion 51.00 (50.70 to 51.70): VN061541.D (-958) (-)



#16

Acetone

Concen: 12.901 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061563.D

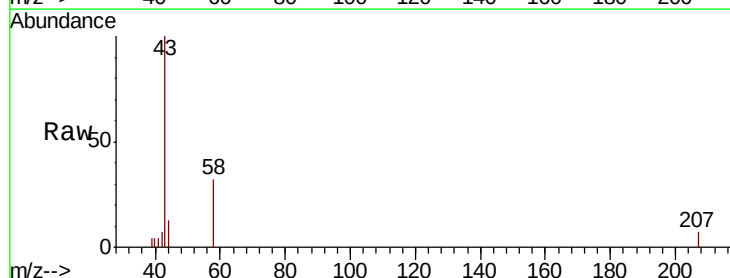
Acq: 29 May 2020 13:38

Tgt Ion: 43 Resp: 15055

Ion Ratio Lower Upper

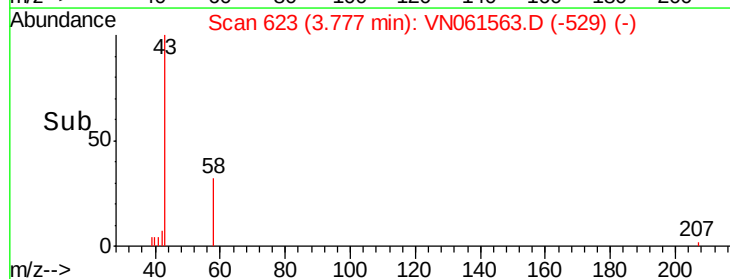
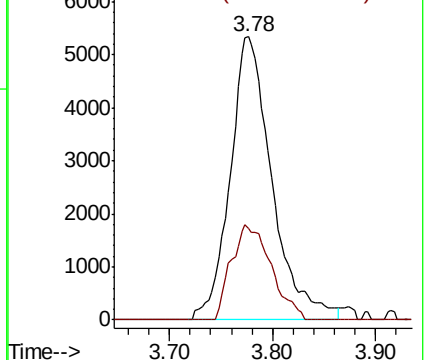
43 100

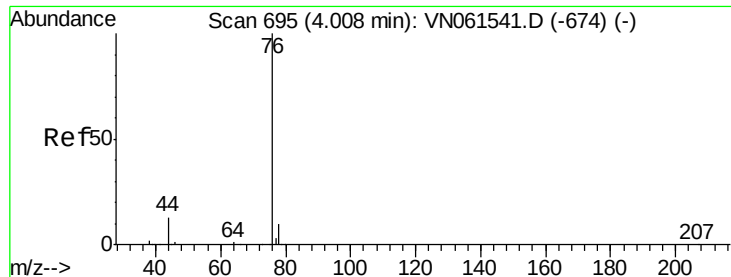
58 32.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-599) (-)





#17

Carbon Disulfide

Concen: 2.761 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

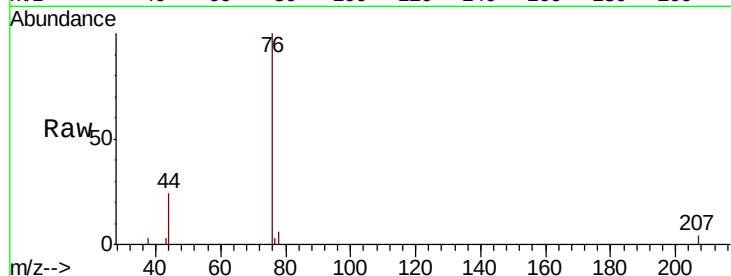
ClientSampleId :

Tot Ion: 76 Resp: 17187

Ion Ratio Lower Upper

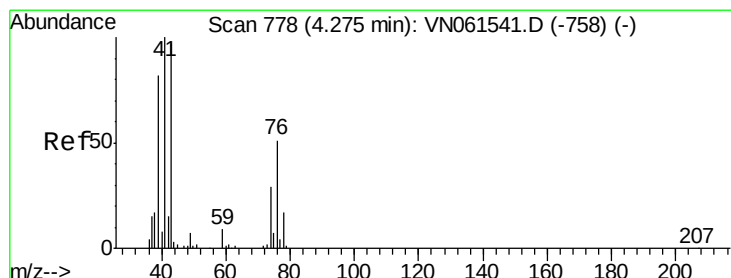
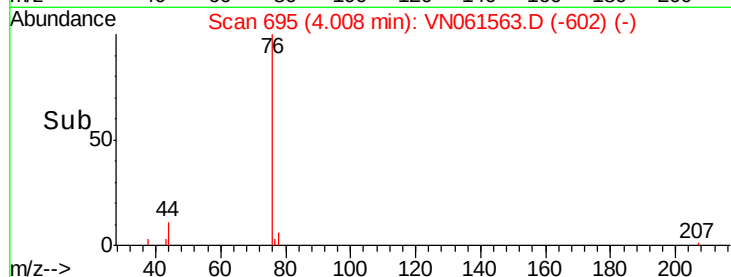
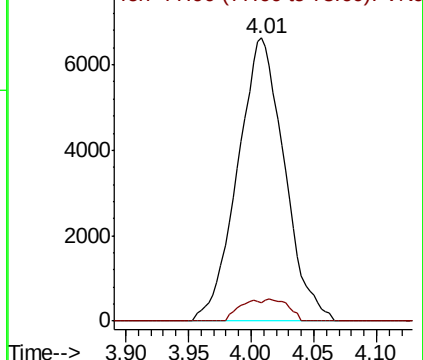
76 100

78 6.5 7.8 11.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 2.490 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN061563.D

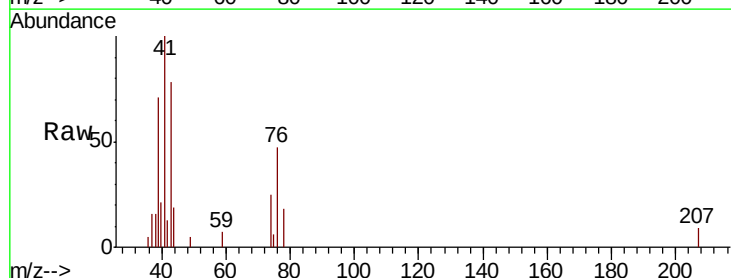
Acq: 29 May 2020 13:38

Tgt Ion: 43 Resp: 7437

Ion Ratio Lower Upper

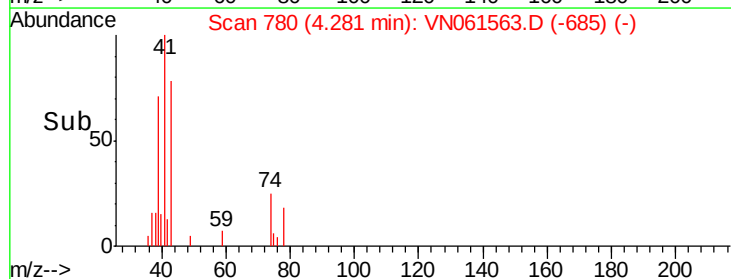
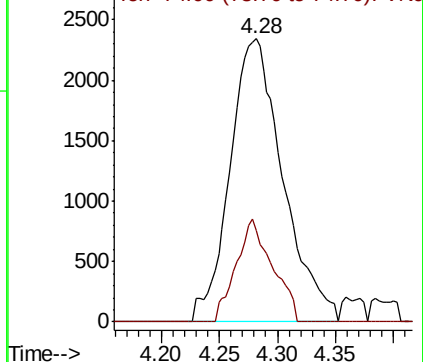
43 100

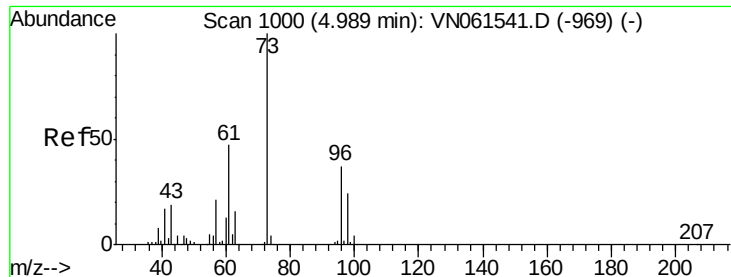
74 24.9 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

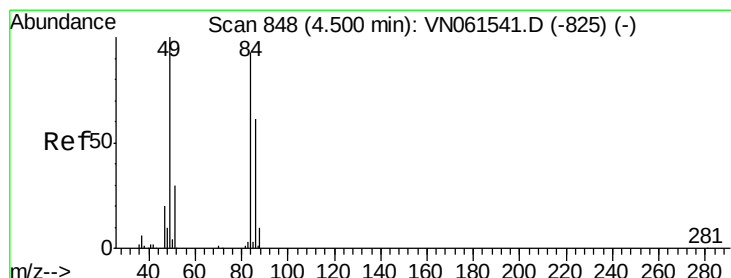
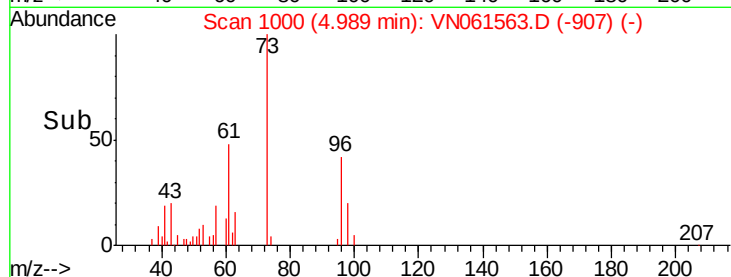
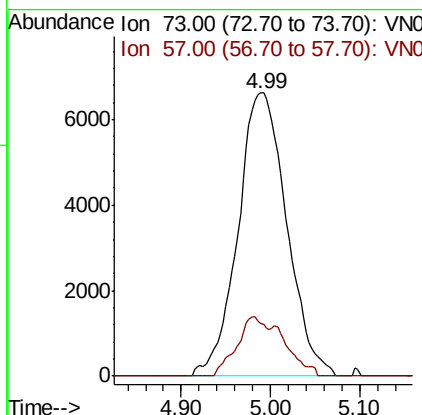
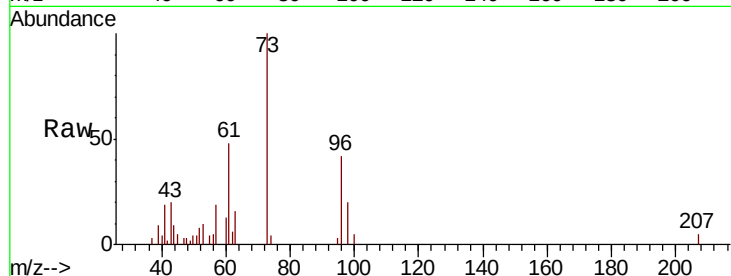




#19
Methyl tert-butyl Ether
Concen: 2.610 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

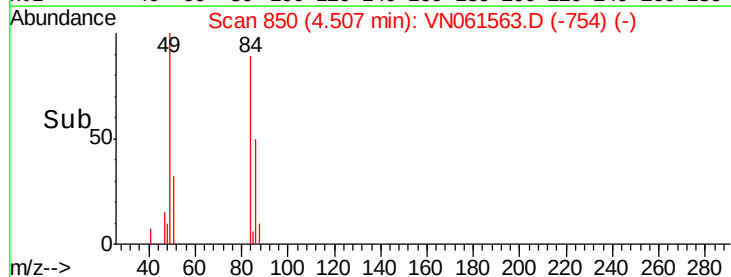
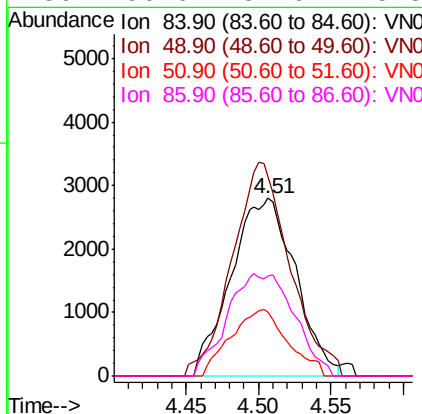
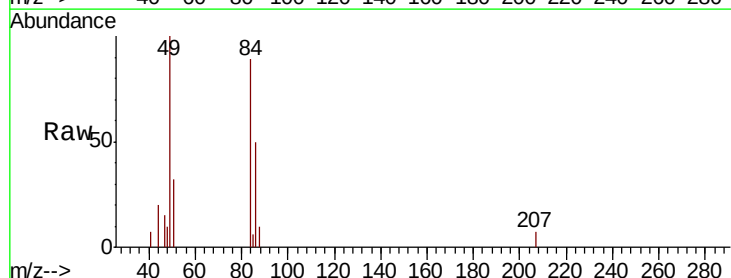
Instrument :
MSVOA_N
ClientSampled :

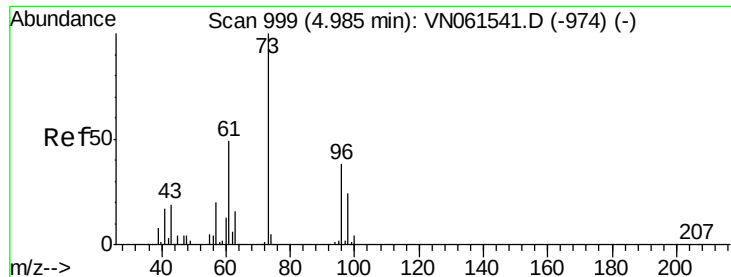
Tot Ion: 73 Resp: 25168
Ion Ratio Lower Upper
73 100
57 18.9 16.4 24.6



#20
Methylene Chloride
Concen: 2.134 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Tgt Ion: 84 Resp: 8633
Ion Ratio Lower Upper
84 100
49 106.2 85.8 128.8
51 35.9 26.2 39.2
86 56.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 2.670 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

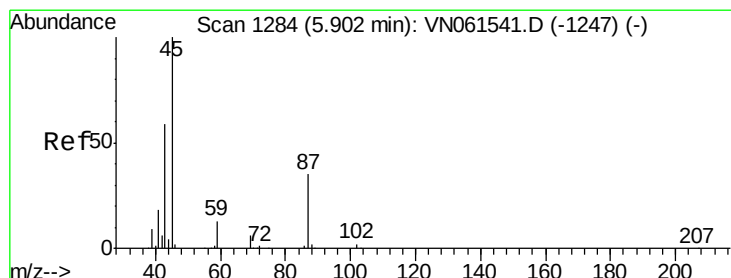
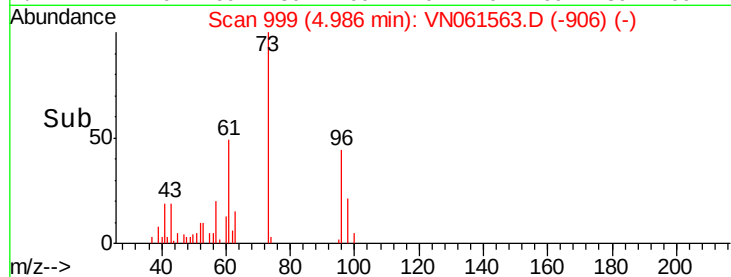
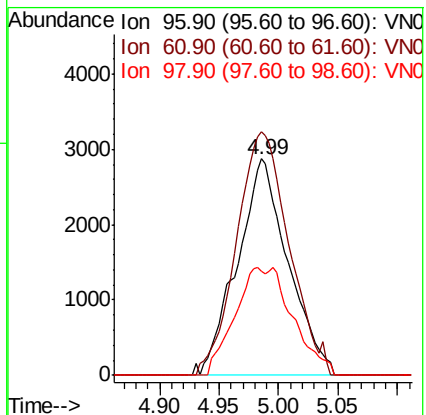
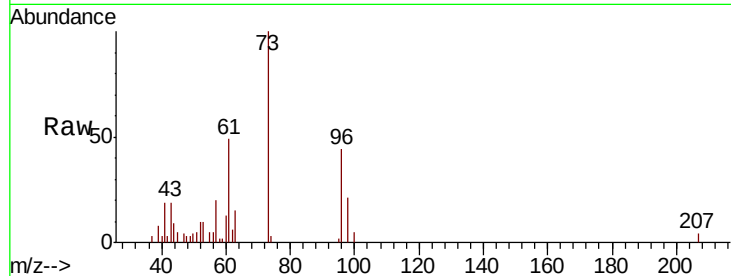
Tot Ion: 96 Resp: 8519

Ion Ratio Lower Upper

96 100

61 112.6 101.4 152.0

98 48.3 50.6 76.0#



#22

Diisopropyl ether

Concen: 2.609 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Tgt Ion: 45 Resp: 21276

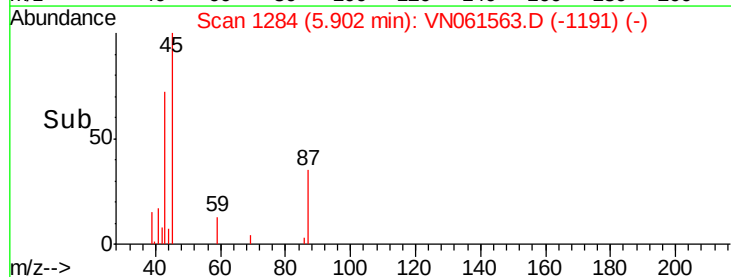
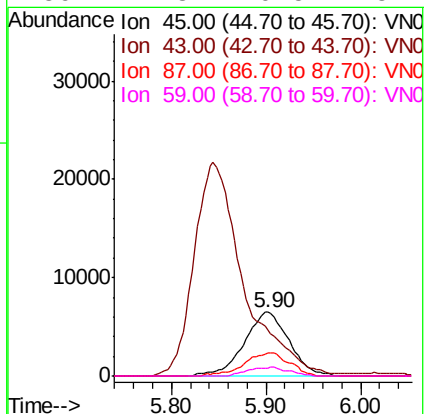
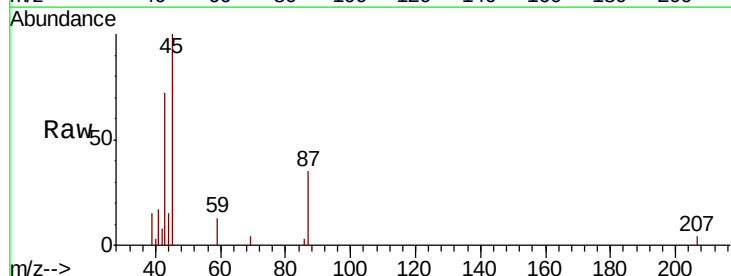
Ion Ratio Lower Upper

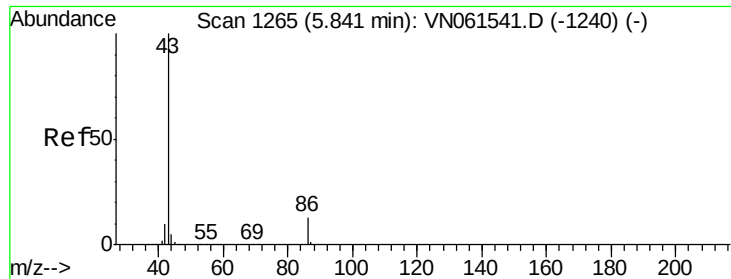
45 100

43 67.5 47.9 71.9

87 35.5 28.4 42.6

59 12.8 10.5 15.7

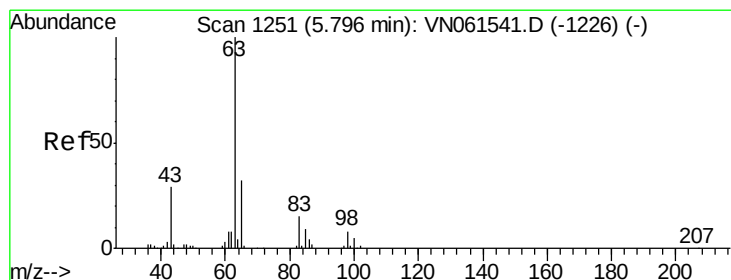
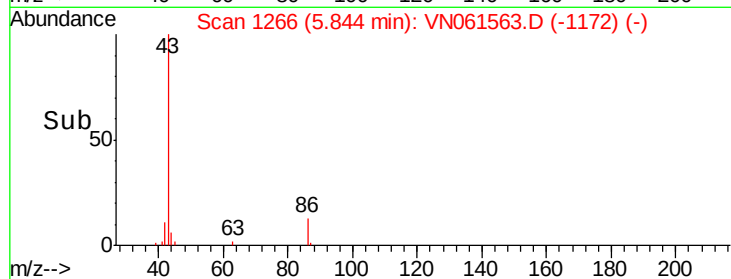
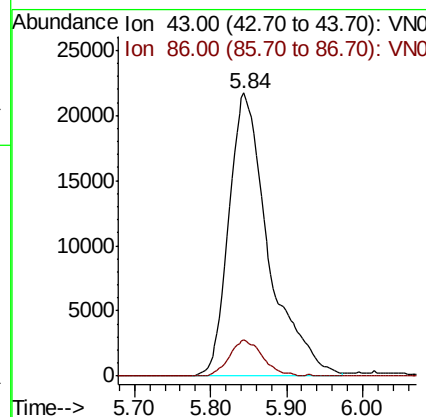
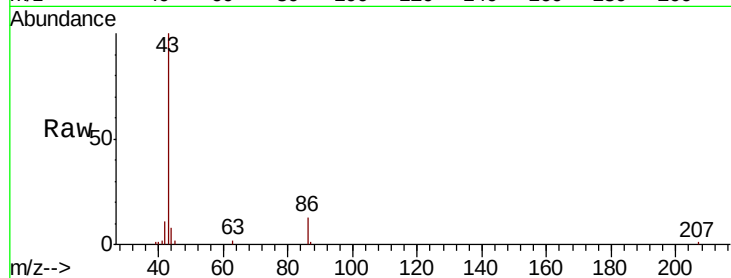




#23
 Vinyl Acetate
 Concen: 12.157 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

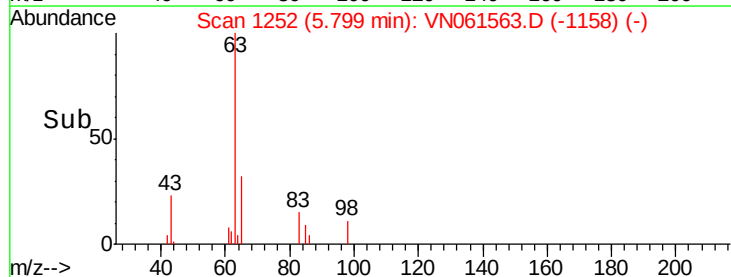
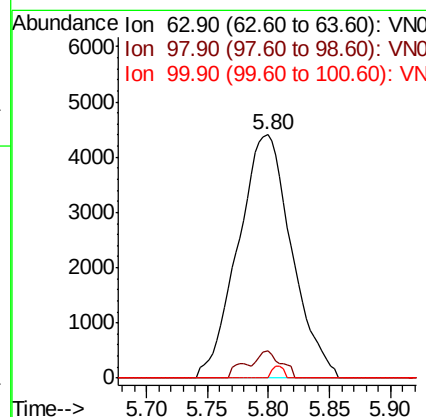
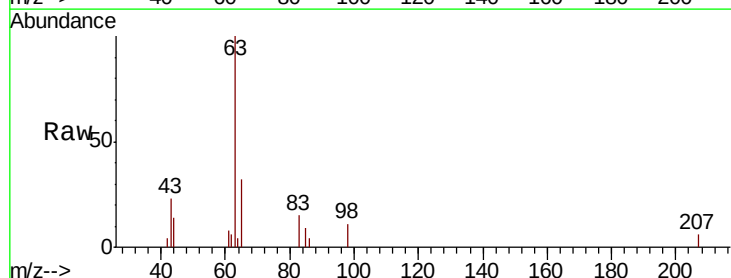
Instrument :
 MSVOA_N
 ClientSampleId :

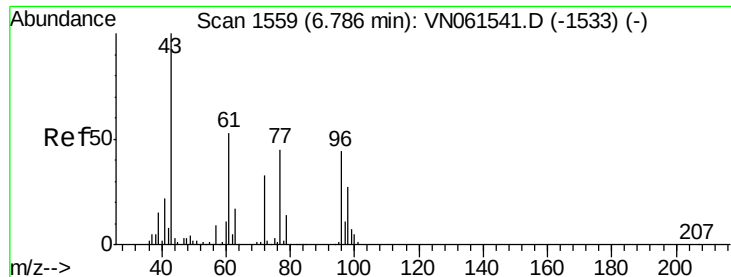
Tot Ion: 43 Resp: 79007
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 2.593 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Tgt Ion: 63 Resp: 13408
 Ion Ratio Lower Upper
 63 100
 98 11.1 3.8 11.4
 100 0.0 2.5 7.6#

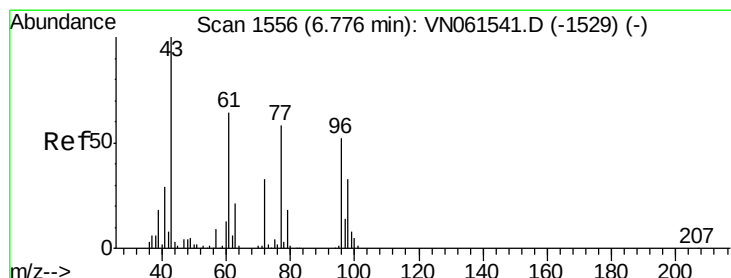
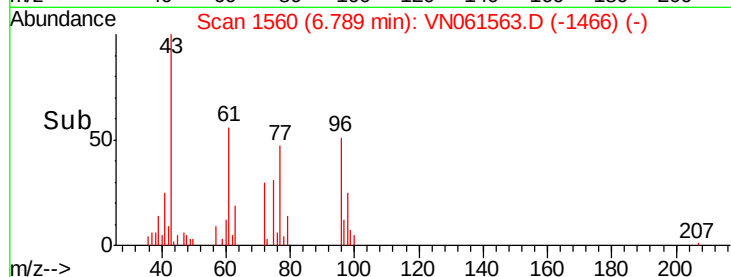
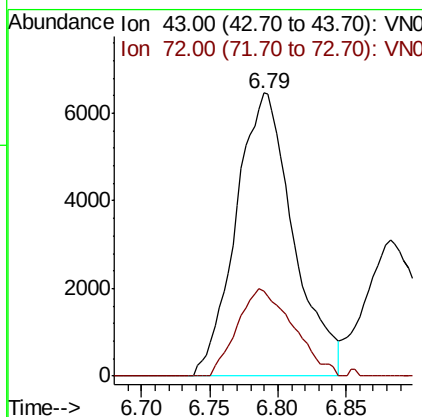
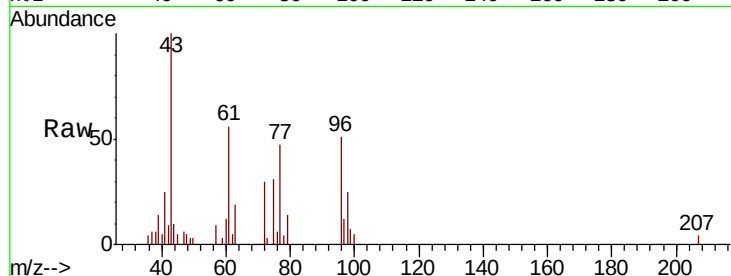




#25
2-Butanone
Concen: 12.098 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

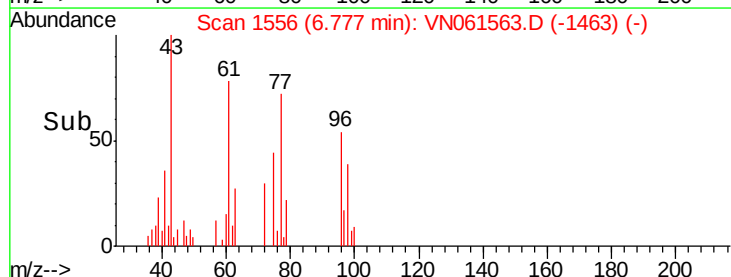
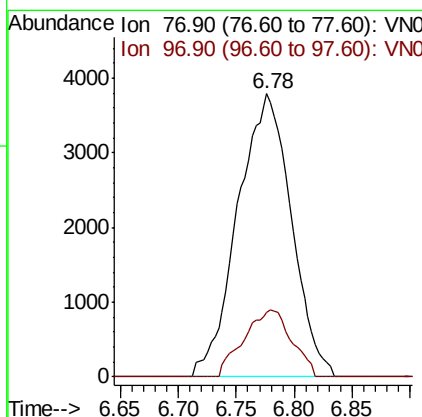
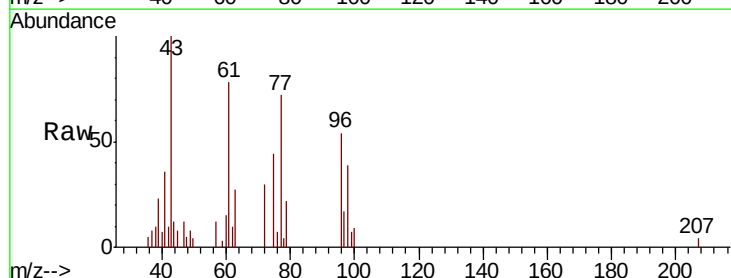
Instrument :
MSVOA_N
ClientSampled :

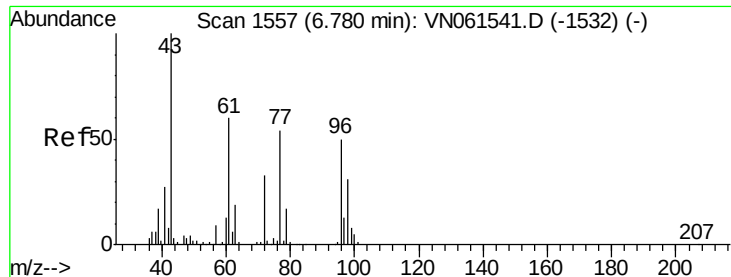
Tot Ion: 43 Resp: 18917
Ion Ratio Lower Upper
43 100
72 29.9 26.0 39.0



#26
2,2-Dichloropropane
Concen: 2.574 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Tgt Ion: 77 Resp: 12181
Ion Ratio Lower Upper
77 100
97 21.1 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 2.716 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :
MSVOA_N
ClientSampled :

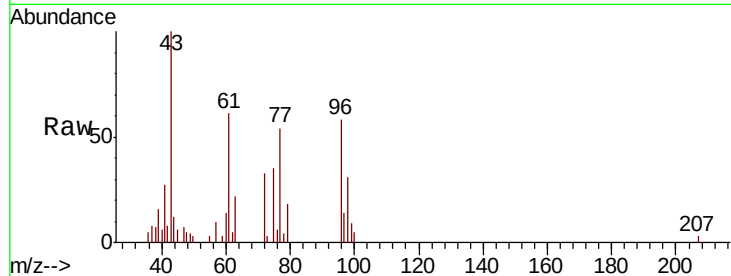
Tot Ion: 96 Resp: 9815

Ion Ratio Lower Upper

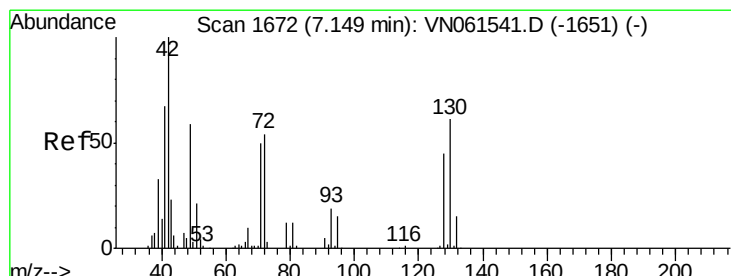
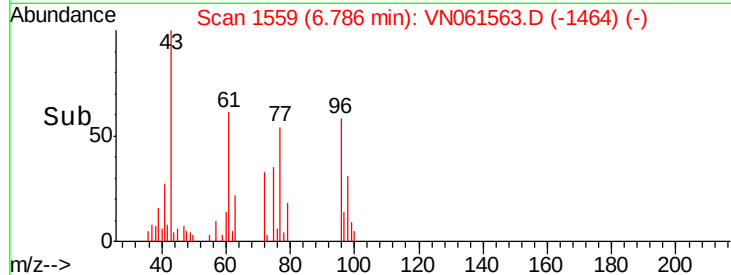
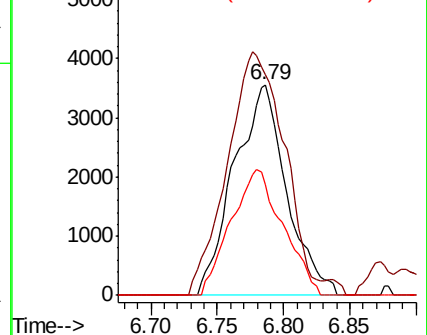
96 100

61 125.1 0.0 252.2

98 59.0 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 2.839 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

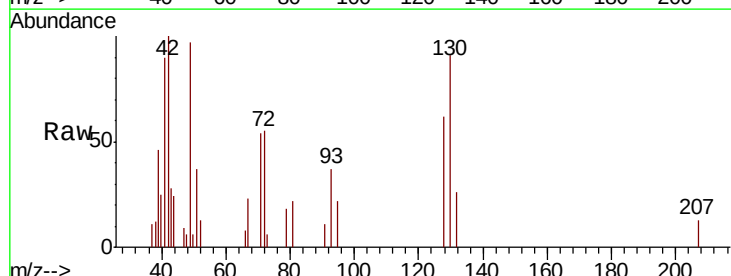
Tgt Ion: 49 Resp: 6334

Ion Ratio Lower Upper

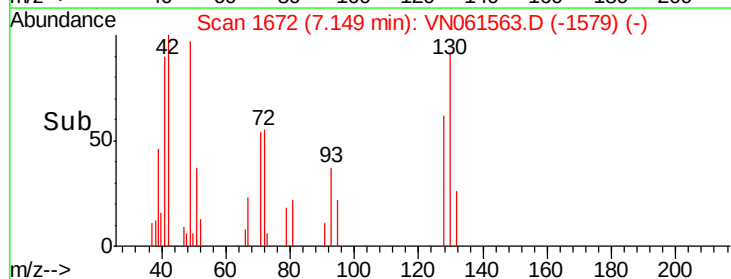
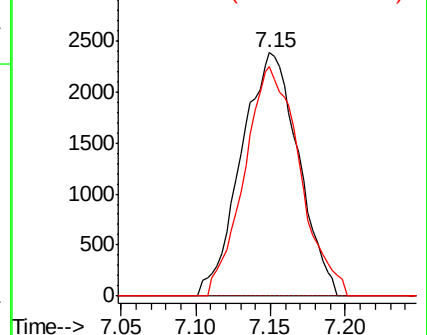
49 100

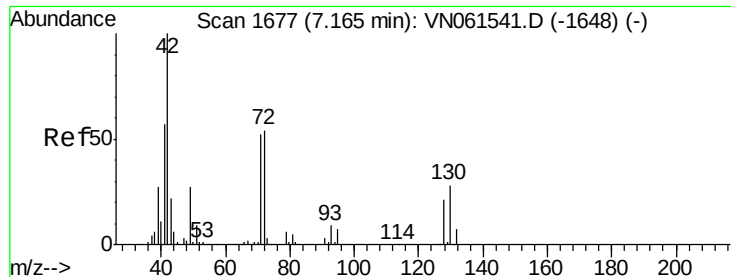
129 0.0 0.0 4.8

130 91.3 78.8 118.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

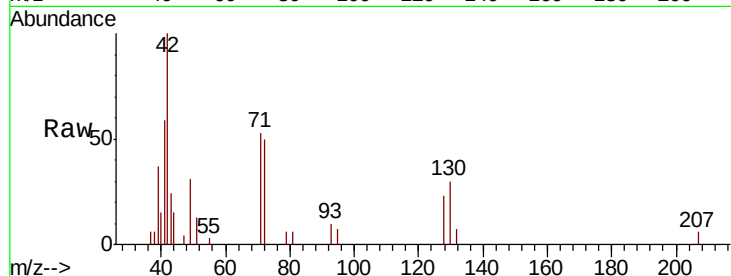




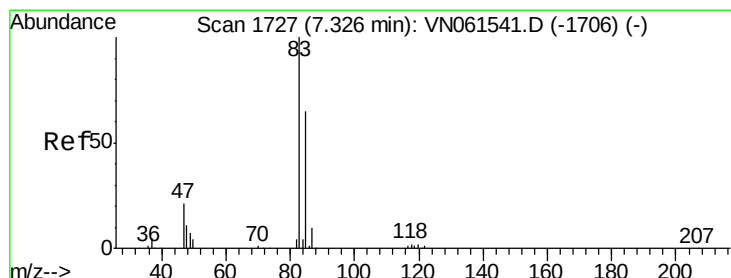
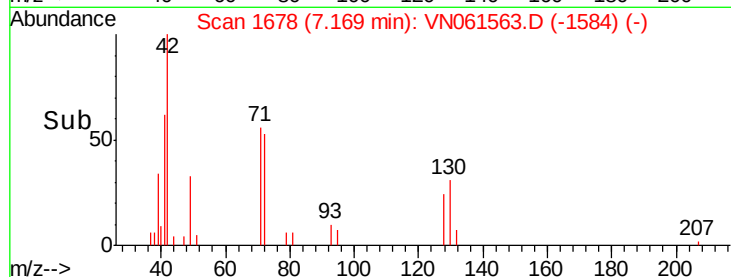
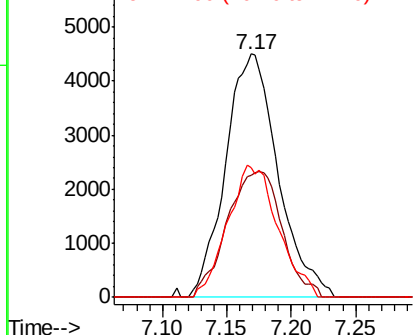
#29
Tetrahydrofuran
Concen: 12.370 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 12755
Ion Ratio Lower Upper
42 100
72 54.0 43.6 65.4
71 51.8 41.2 61.8

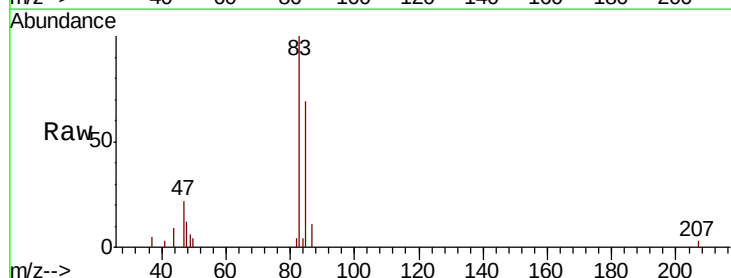


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

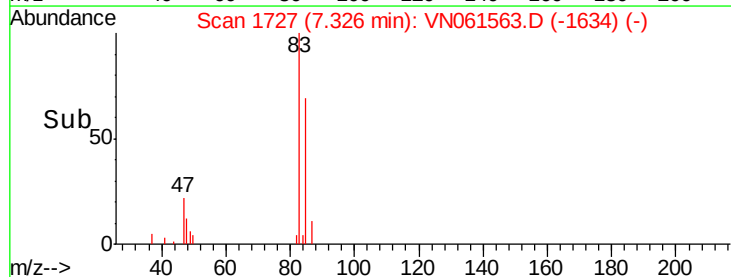
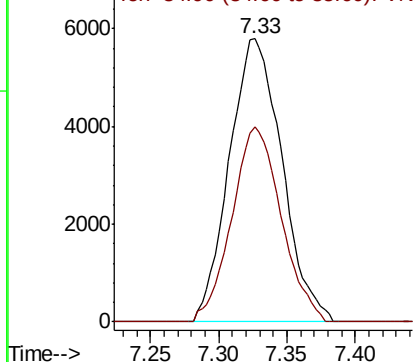


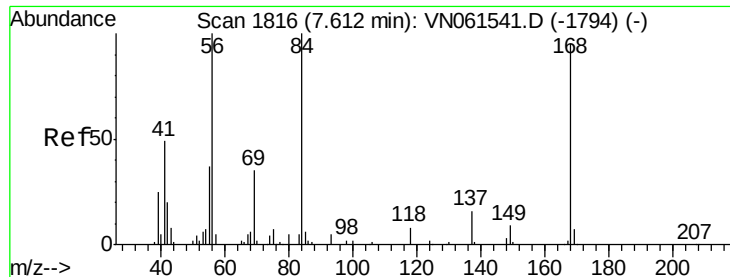
#30
Chloroform
Concen: 2.714 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Tgt Ion: 83 Resp: 15525
Ion Ratio Lower Upper
83 100
85 69.1 51.7 77.5



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

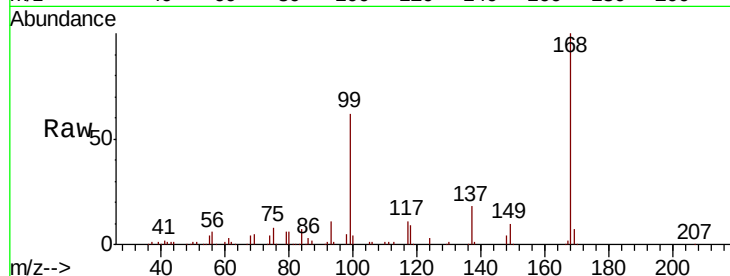




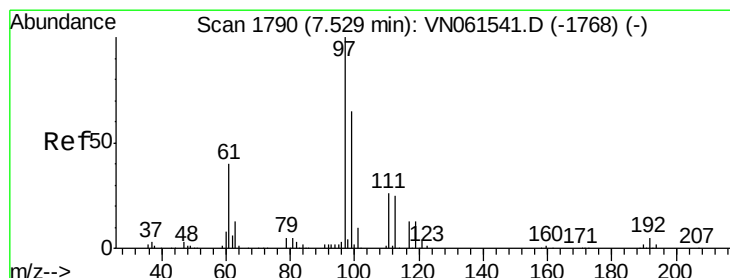
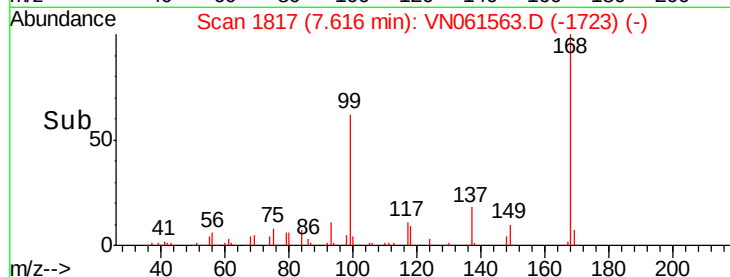
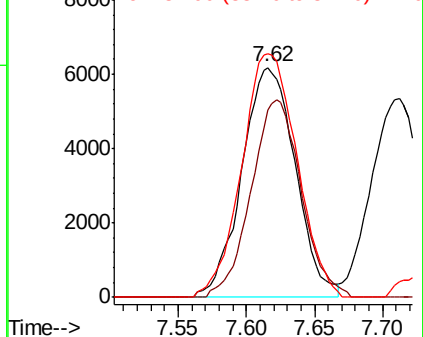
#31
Cyclohexane
Concen: 3.624 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 16852
Ion Ratio Lower Upper
56 100
69 81.4 27.8 41.8#
84 105.8 79.9 119.9

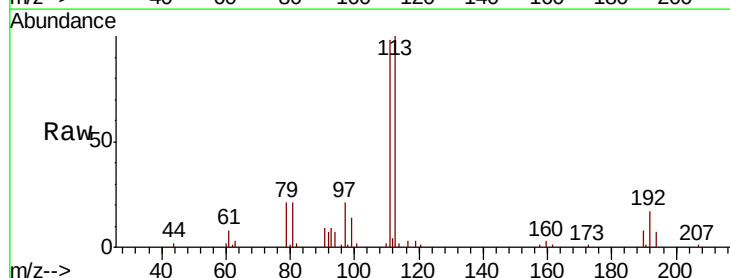


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

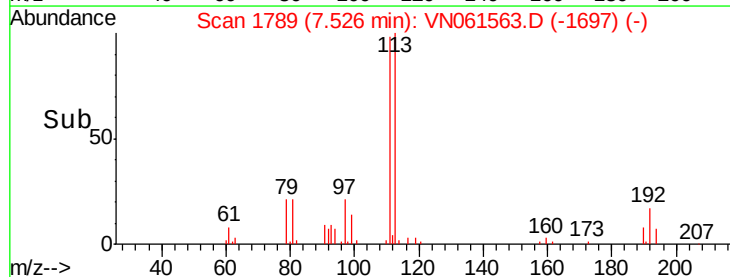
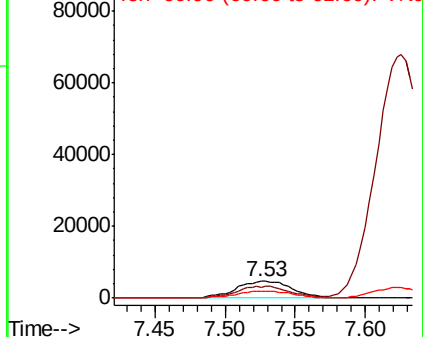


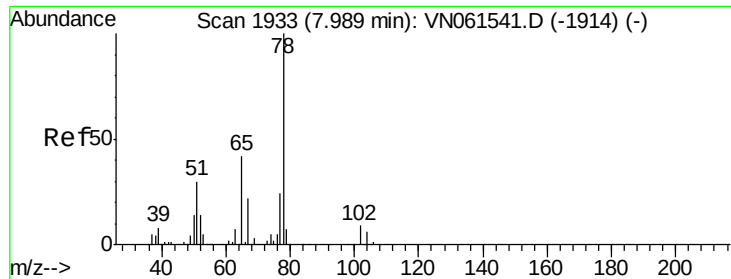
#32
1,1,1-Trichloroethane
Concen: 2.491 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Tgt Ion: 97 Resp: 12982
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 42.1 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

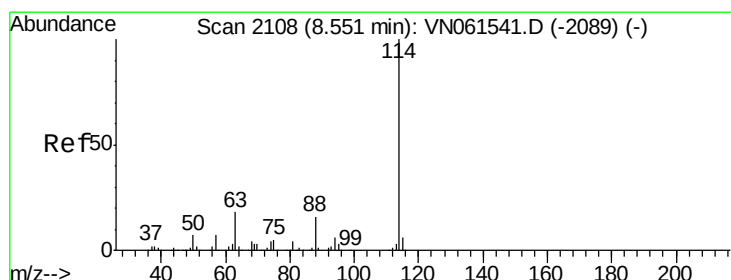
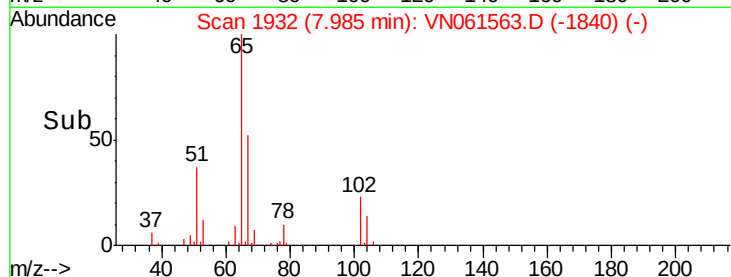
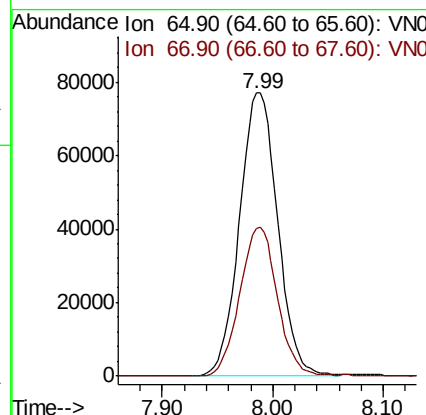
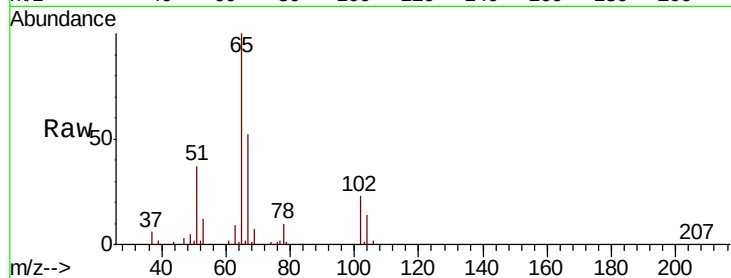




#33
 1,2-Dichloroethane-d4
 Concen: 55.983 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

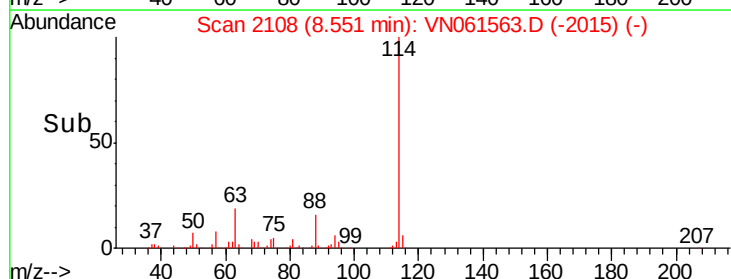
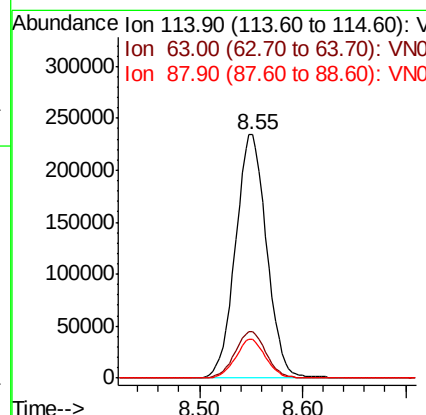
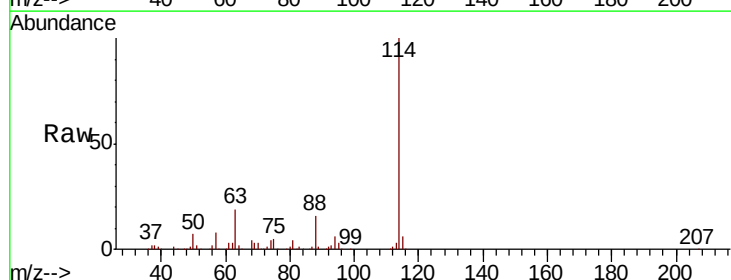
Instrument :
 MSVOA_N
 ClientSampleId :

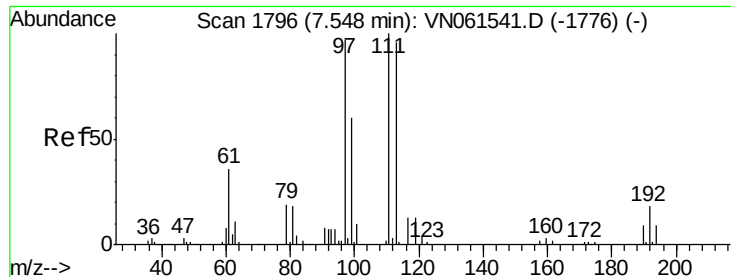
Tot Ion: 65 Resp: 184712
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Tgt Ion: 114 Resp: 492990
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 35.8
 88 15.7 0.0 31.0

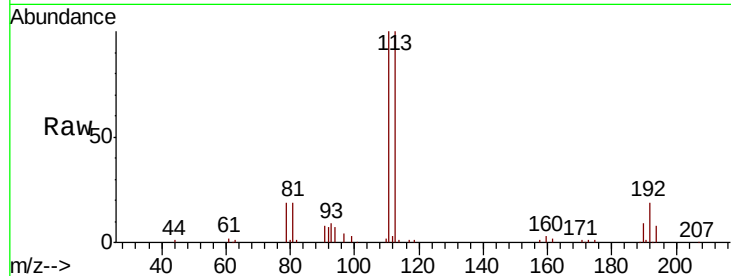




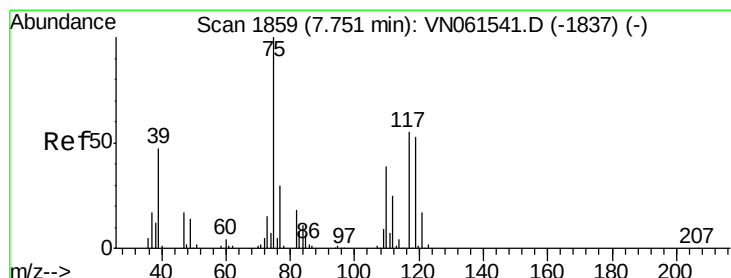
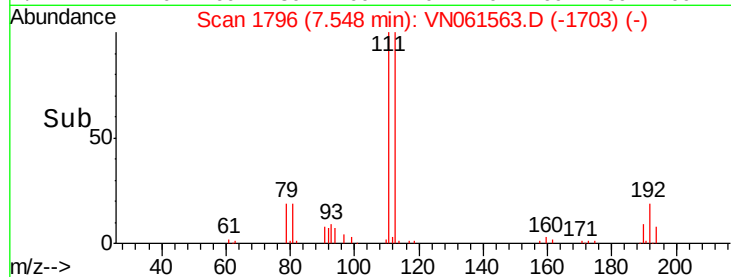
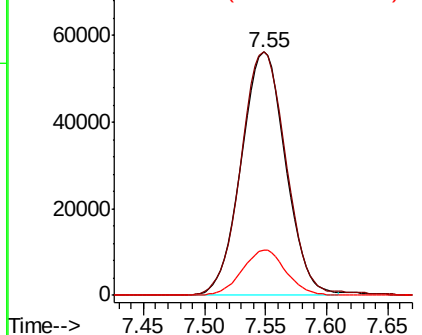
#35
 Dibromofluoromethane
 Concen: 56.707 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 141815
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.4 125.0
 192 18.3 15.4 23.2

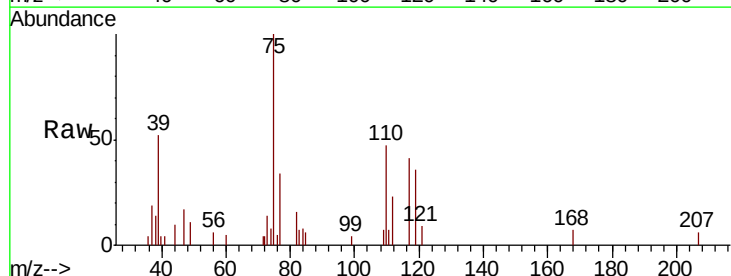


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

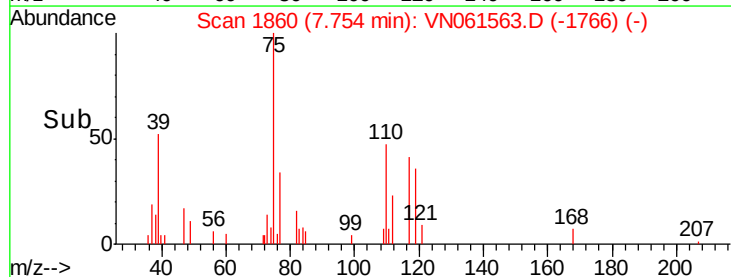
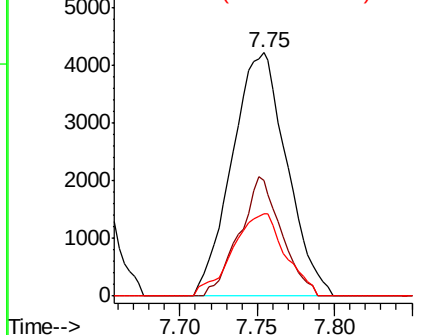


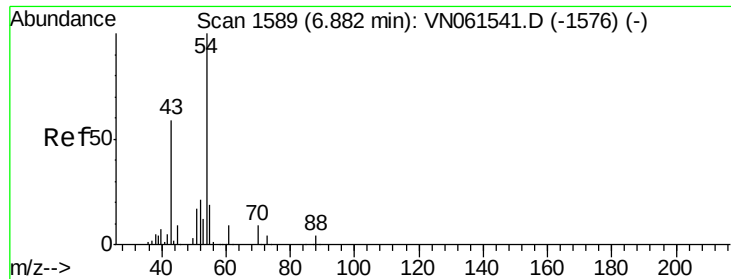
#36
 1,1-Dichloropropene
 Concen: 2.384 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Tgt Ion: 75 Resp: 10405
 Ion Ratio Lower Upper
 75 100
 110 37.7 19.5 58.5
 77 32.5 24.7 37.1



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

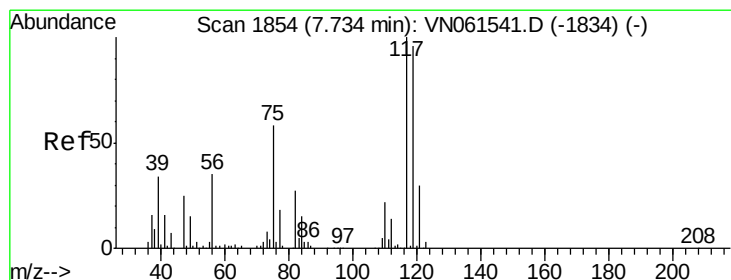
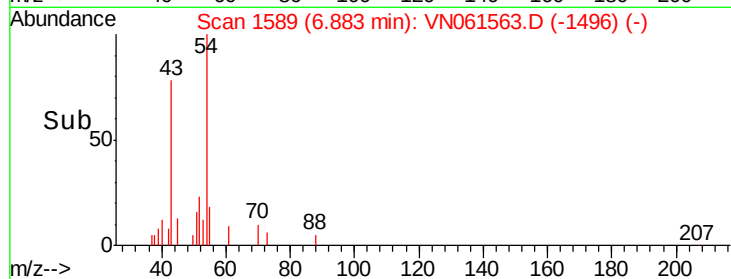
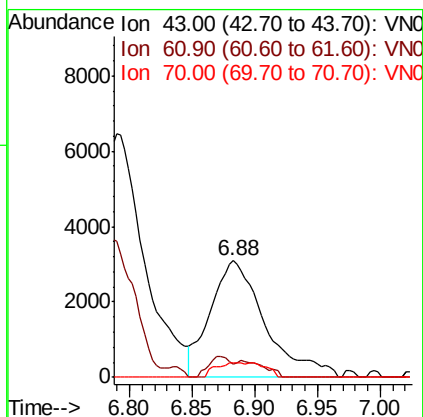
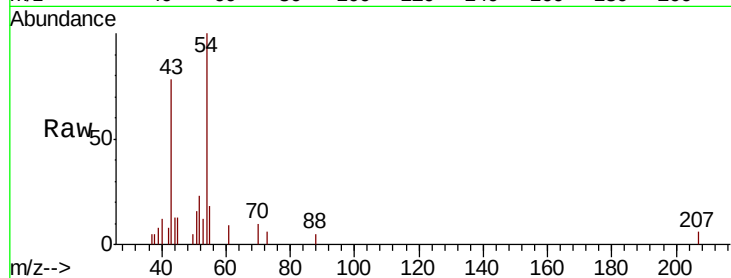




#37
Ethyl Acetate
Concen: 2.679 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

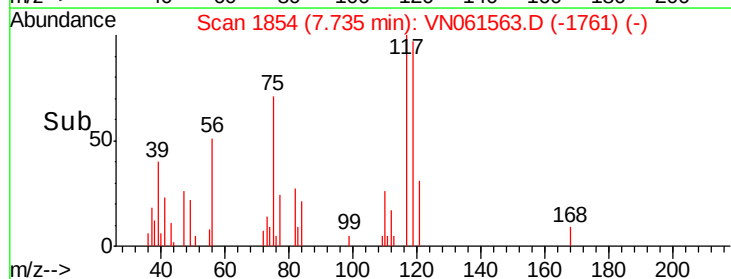
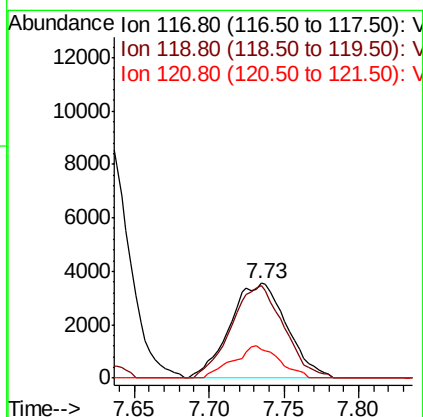
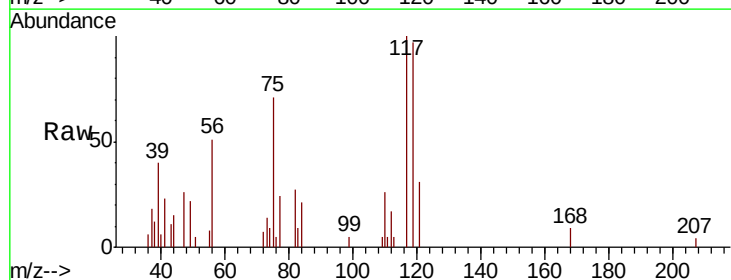
Instrument :
MSVOA_N
ClientSampled :

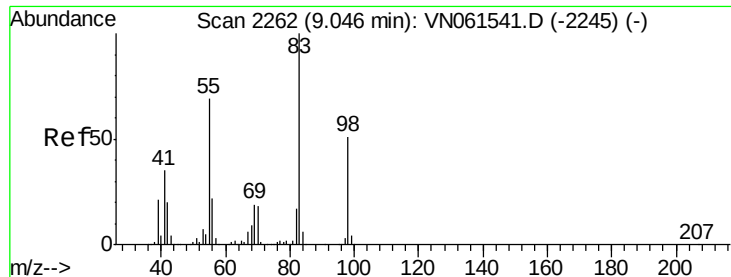
Tot Ion: 43 Resp: 9418
Ion Ratio Lower Upper
43 100
61 7.1 12.2 18.4#
70 6.8 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 2.231 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Tgt Ion: 117 Resp: 9390
Ion Ratio Lower Upper
117 100
119 97.5 76.5 114.7
121 30.6 24.1 36.1

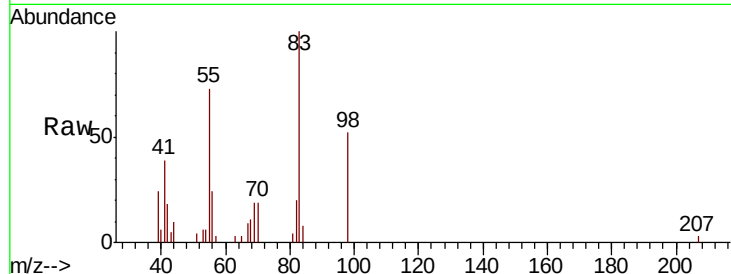




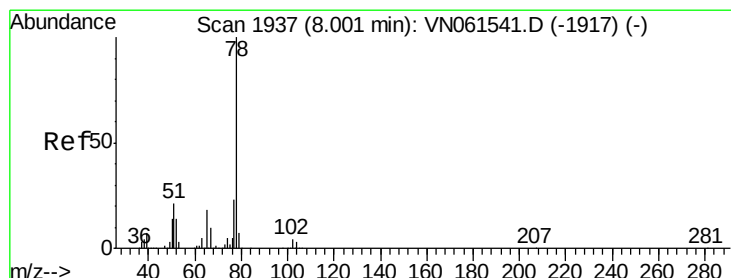
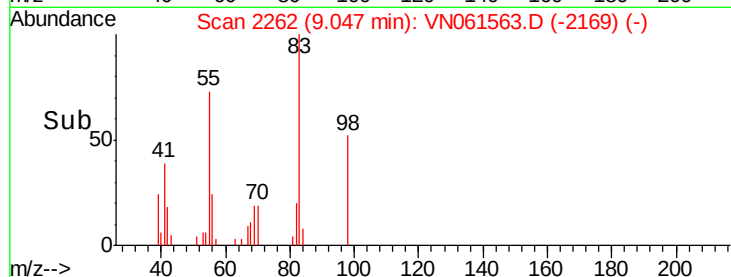
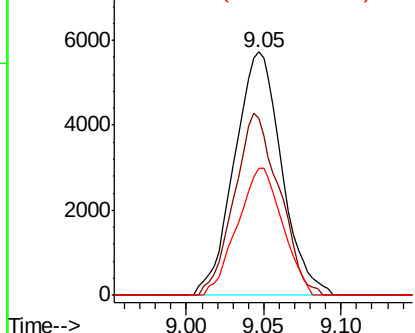
#39
Methylvlcyclohexane
Concen: 2.256 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	83	Resp	12137
Ion	Ratio	Lower	Upper
83	100		
55	72.7	54.9	82.3
98	52.1	41.0	61.4

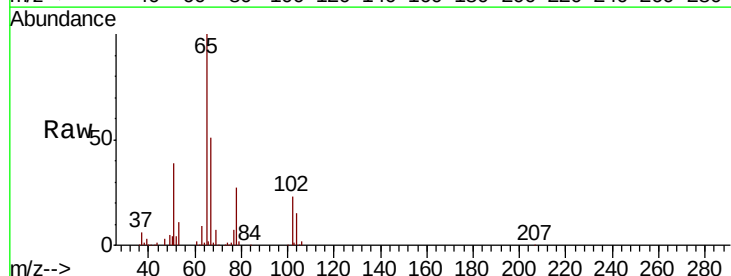


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

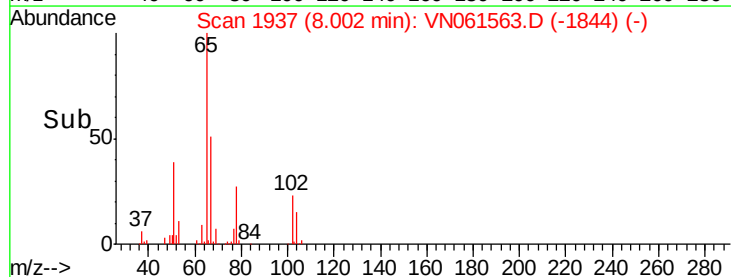
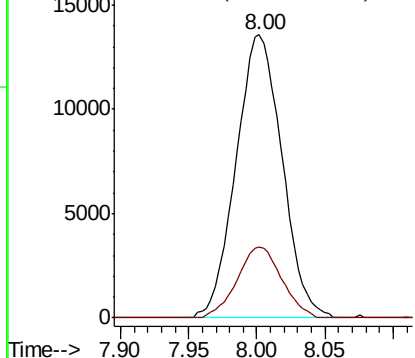


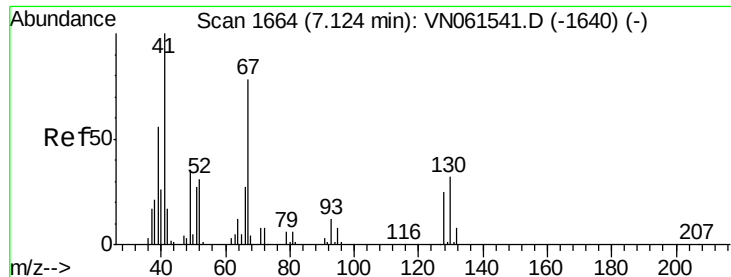
#40
Benzene
Concen: 2.358 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Tgt Ion	78	Resp	31755
Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.6	28.0



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

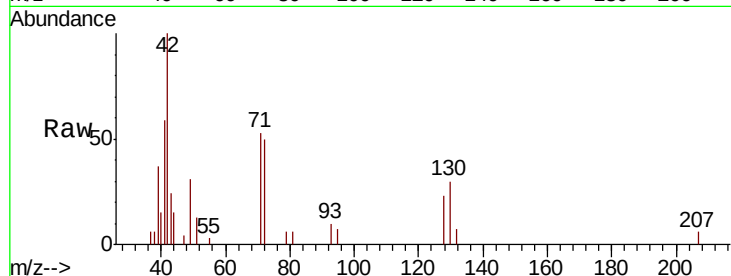




#41
Methacrylonitrile
Concen: 7.829 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.05 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
41	100		
39	27.3	53.8	80.6#
67	0.0	91.1	136.7#
52	0.0	36.0	54.0#



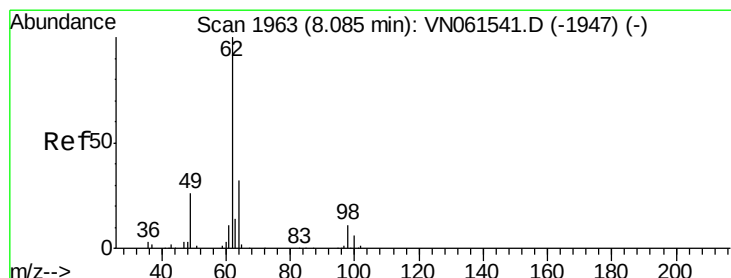
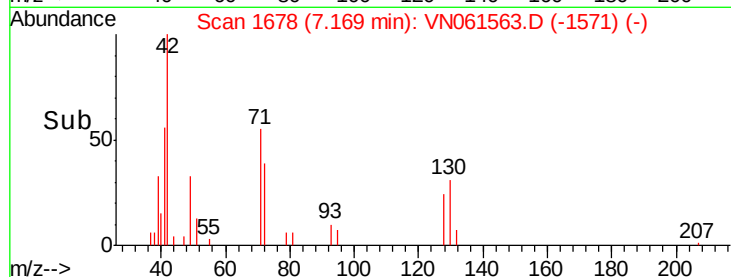
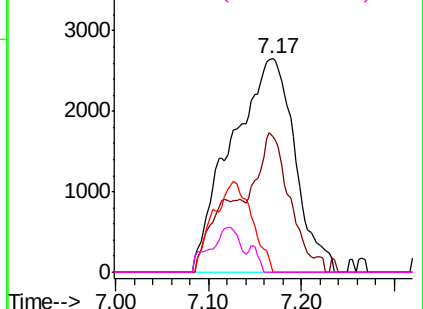
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

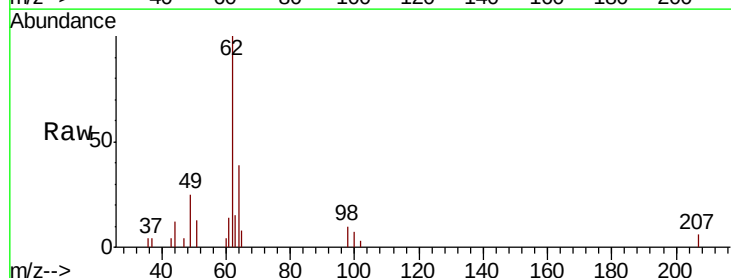
Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42
1,2-Dichloroethane
Concen: 2.566 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

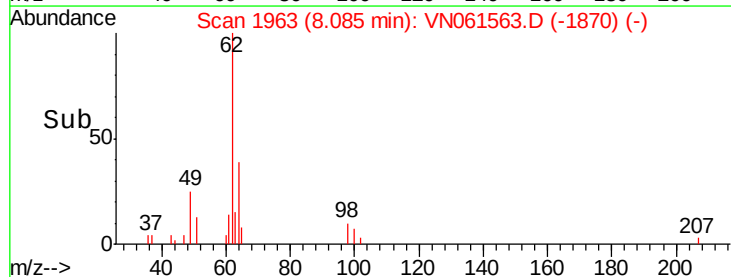
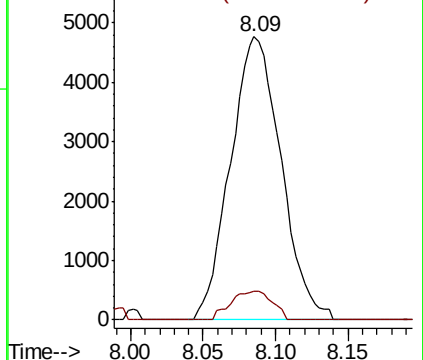
Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	21.4

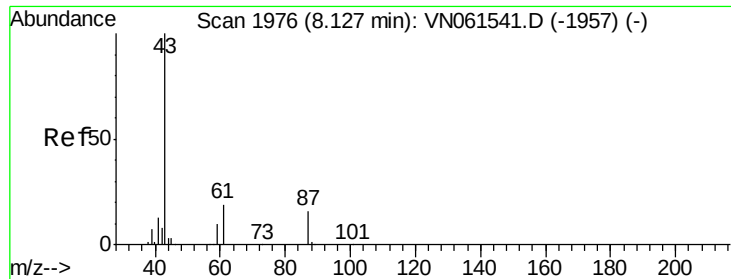


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

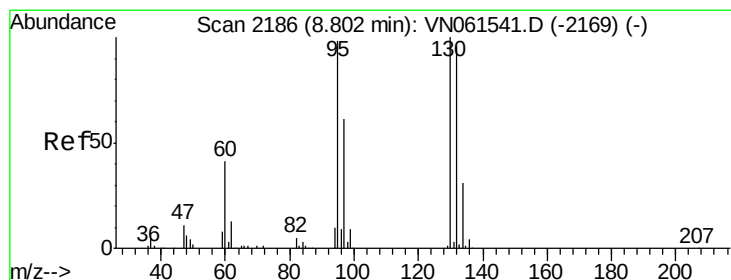
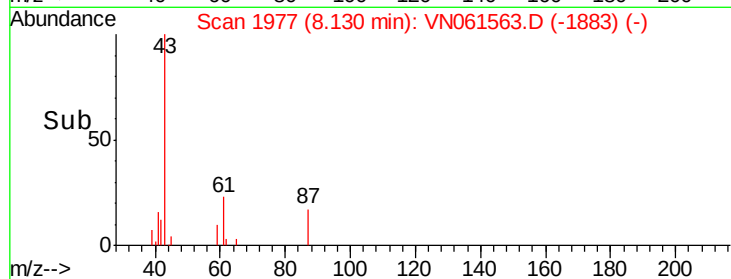
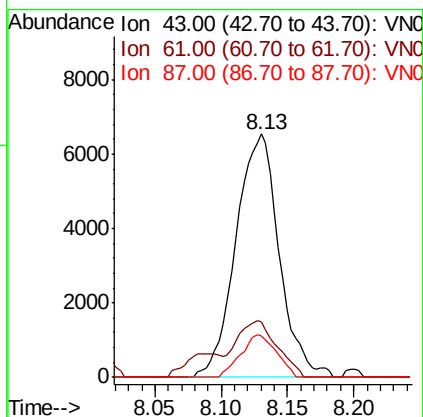
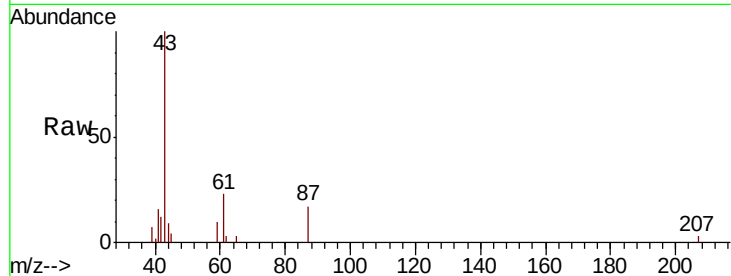




#43
Isopropyl Acetate
Concen: 2.347 ug/l
RT: 8.13 min Scan# 1977
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

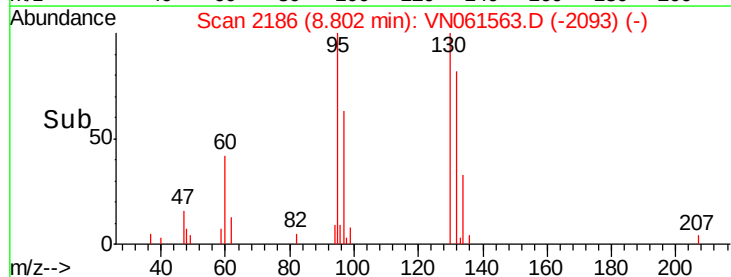
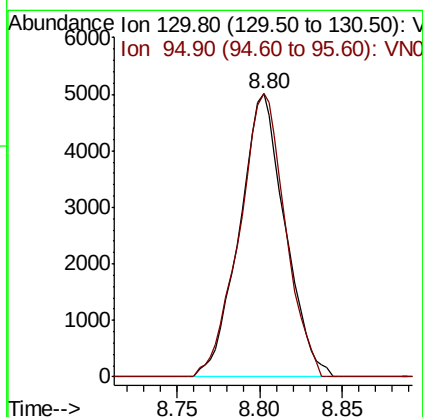
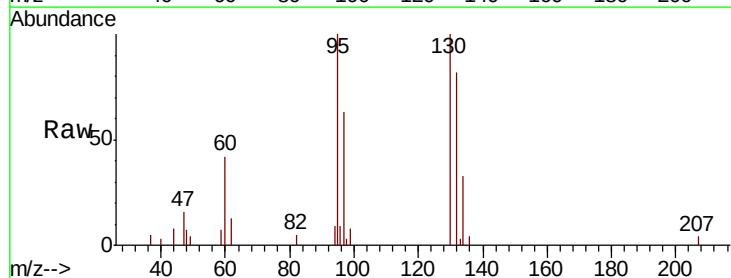
Instrument :
MSVOA_N
ClientSampleId :

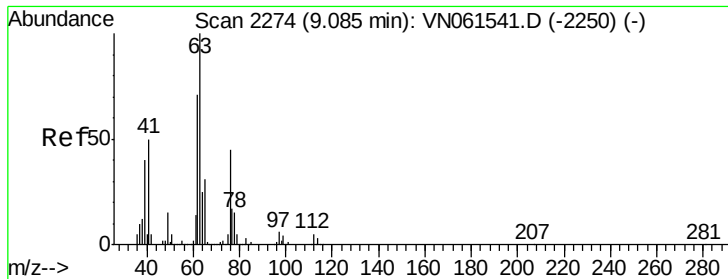
Tot Ion: 43 Resp: 14844
Ion Ratio Lower Upper
43 100
61 21.9 23.6 35.4#
87 14.3 13.0 19.6



#44
Trichloroethene
Concen: 2.321 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Tgt Ion:130 Resp: 9604
Ion Ratio Lower Upper
130 100
95 100.1 0.0 196.6





#45

1,2-Dichloropropane

Concen: 2.368 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

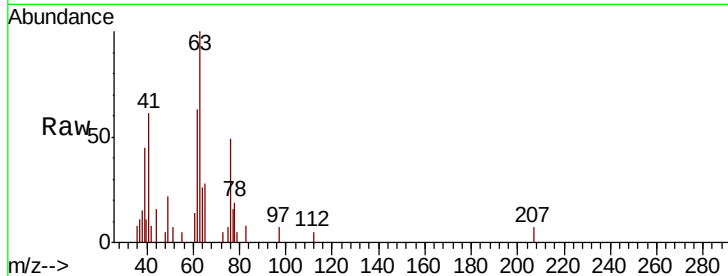
ClientSampleId :

Tot Ion: 63 Resp: 7571

Ion Ratio Lower Upper

63 100

65 28.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-2250) (-)

Ion 64.90 (64.60 to 65.60): VN061541.D (-2250) (-)

9.09

4000

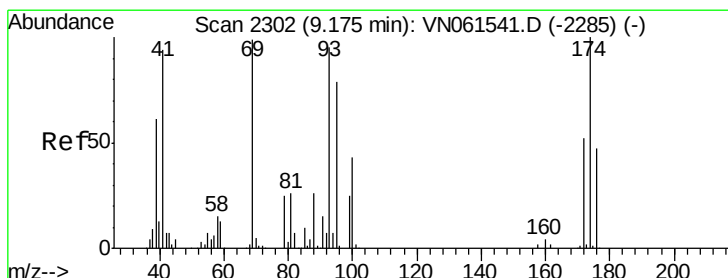
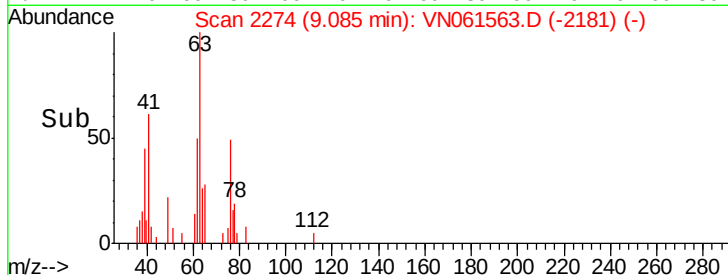
3000

2000

1000

0

Time--> 9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 2.329 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

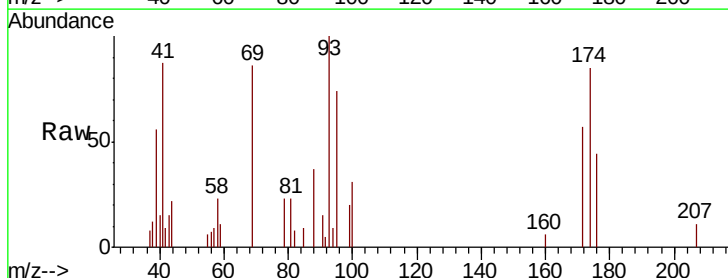
Tgt Ion: 93 Resp: 5712

Ion Ratio Lower Upper

93 100

95 75.9 66.0 99.0

174 92.8 82.5 123.7



Abundance Ion 92.80 (92.50 to 93.50): VN061541.D (-2285) (-)

Ion 94.80 (94.50 to 95.50): VN061541.D (-2285) (-)

Ion 173.70 (173.40 to 174.40): VN061541.D (-2285) (-)

9.18

4000

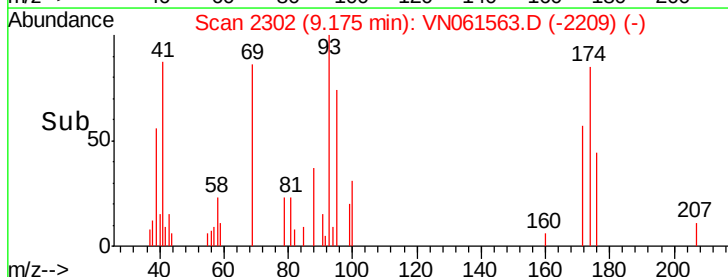
3000

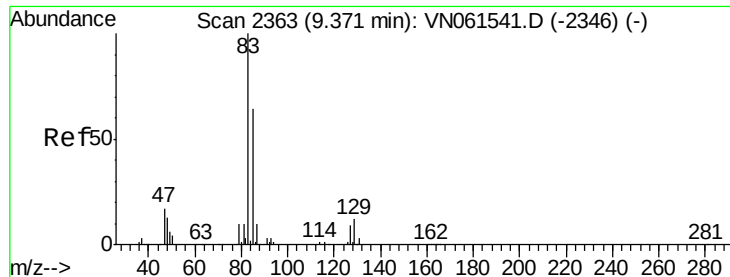
2000

1000

0

Time--> 9.15 9.20





#47

Bromodichloromethane

Concen: 2.304 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

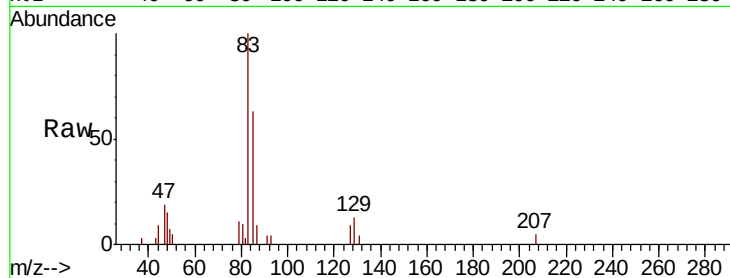
Tot Ion: 83 Resp: 11193

Ion Ratio Lower Upper

83 100

85 62.6 51.1 76.7

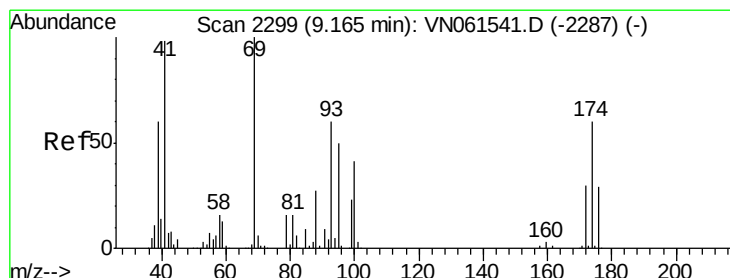
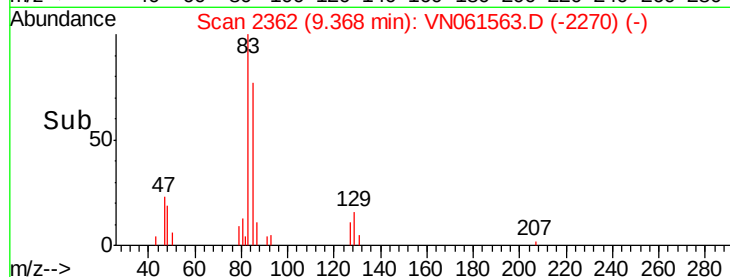
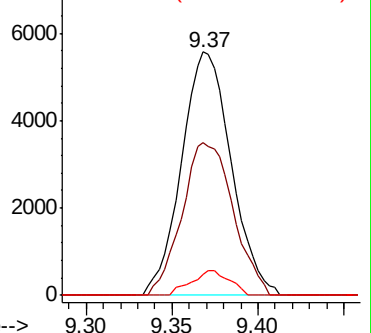
127 8.8 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-2346) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-2346) (-)

Ion 126.80 (126.50 to 127.50): VN061541.D (-2346) (-)



#48

Methyl methacrylate

Concen: 2.203 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

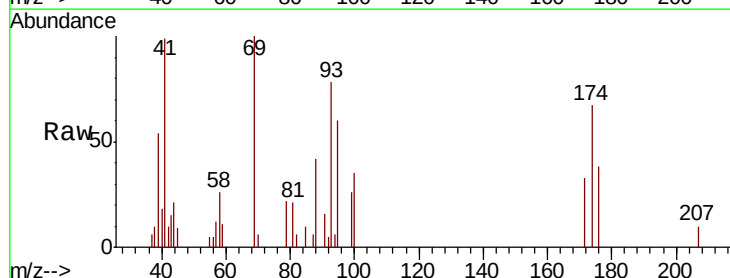
Tgt Ion: 41 Resp: 6268

Ion Ratio Lower Upper

41 100

69 95.1 83.9 125.9

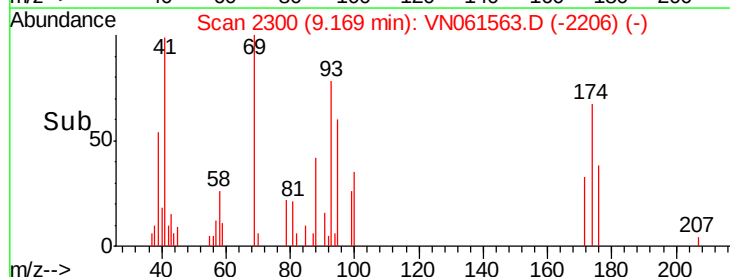
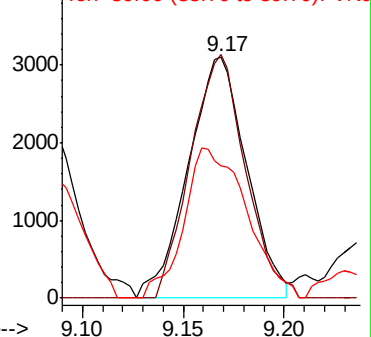
39 67.0 52.1 78.1

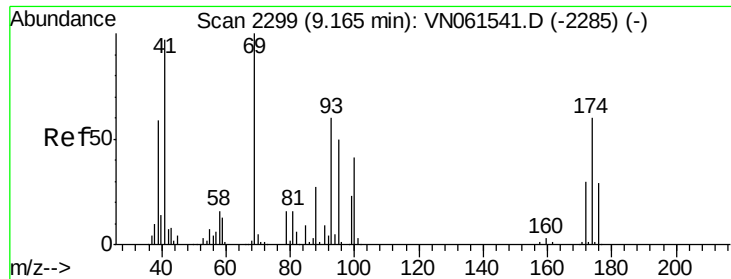


Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN061541.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-2287) (-)

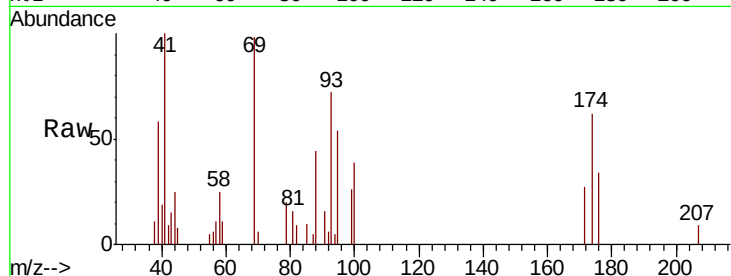




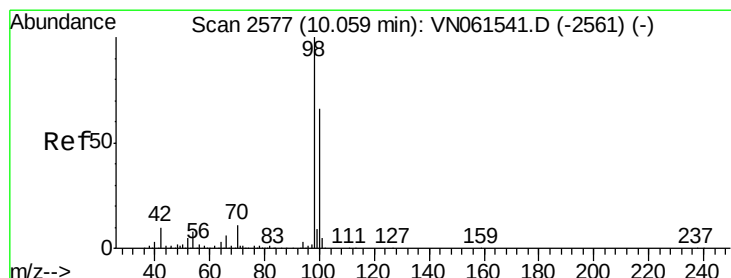
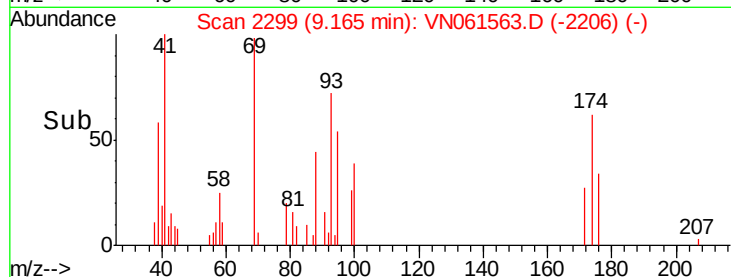
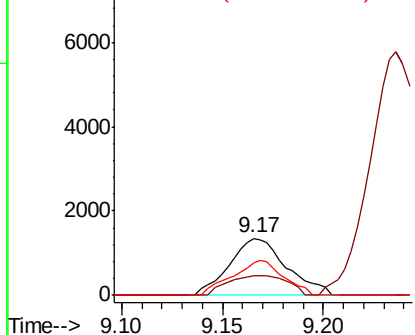
#49
 1,4-Dioxane
 Concen: 60.052 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 2647
 Ion Ratio Lower Upper
 88 100
 43 37.0 23.1 34.7#
 58 54.7 48.3 72.5

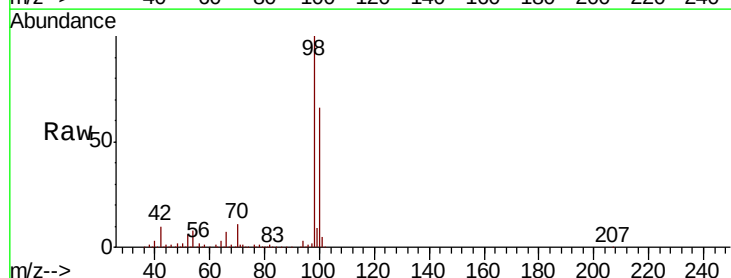


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

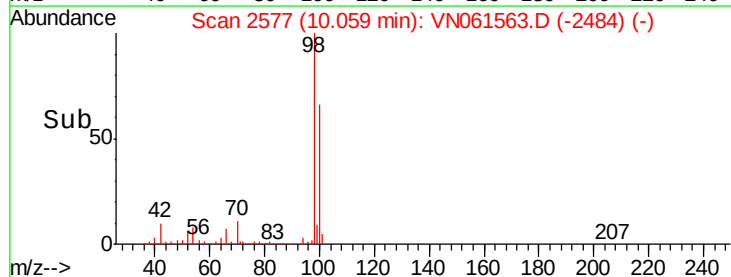
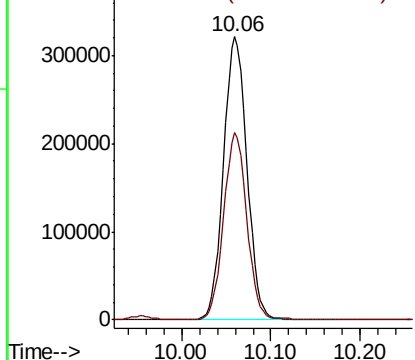


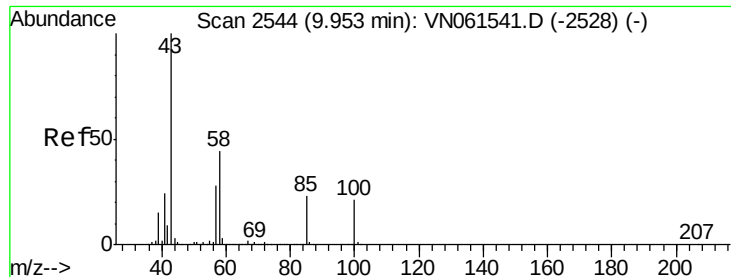
#50
 Toluene-d8
 Concen: 50.665 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Tgt Ion: 98 Resp: 587169
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.8 79.2



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

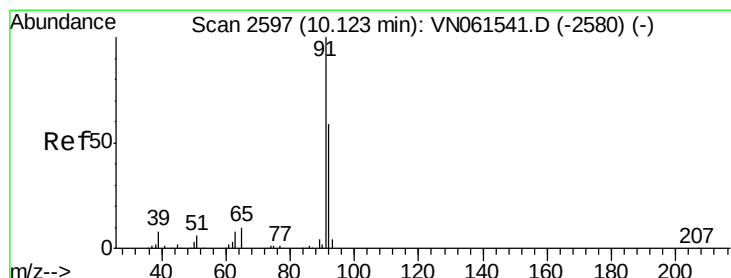
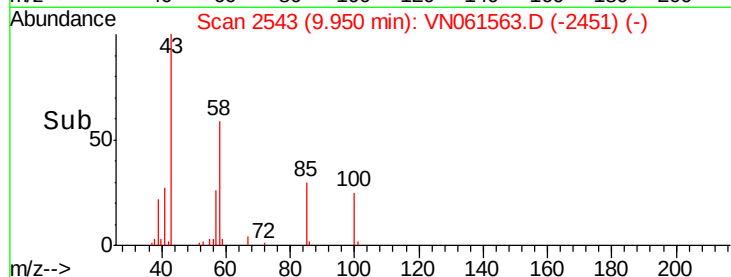
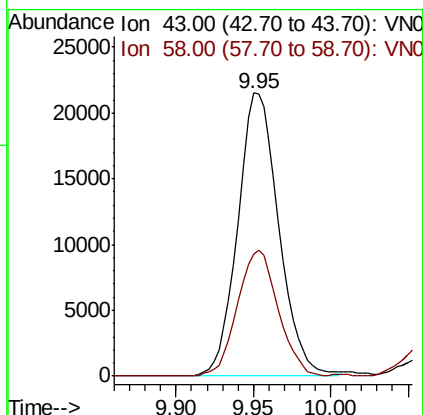
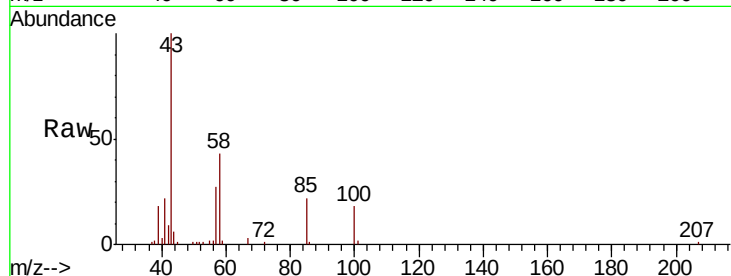




#51
 4-Methyl-2-Pentanone
 Concen: 11.149 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

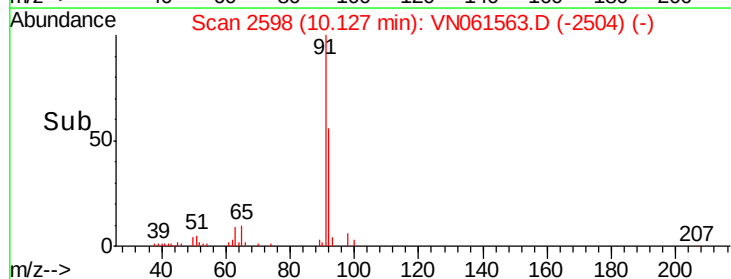
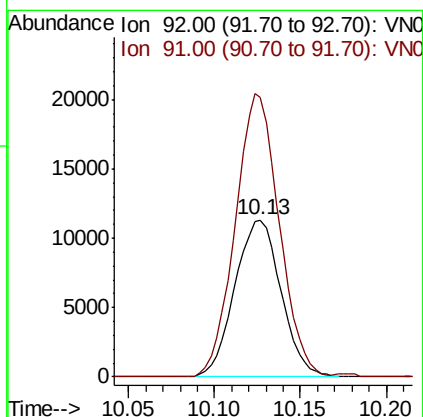
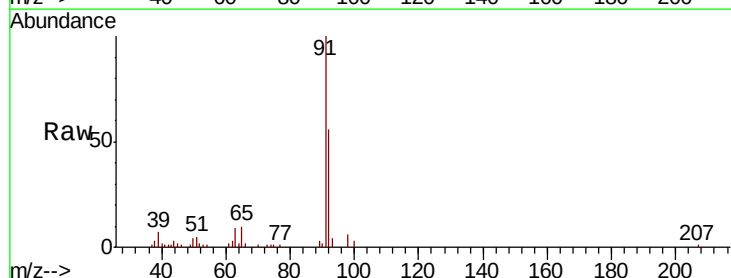
Instrument :
 MSVOA_N
 ClientSampled :

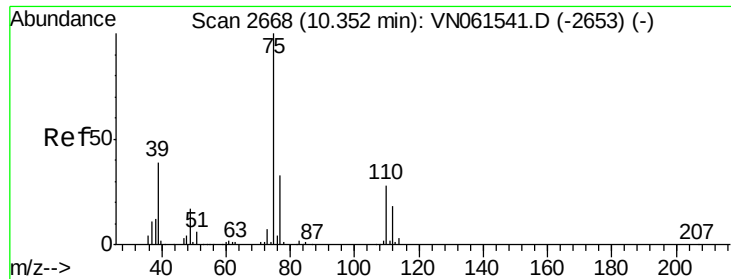
Tot Ion: 43 Resp: 39733
 Ion Ratio Lower Upper
 43 100
 58 44.0 35.0 52.6



#52
 Toluene
 Concen: 2.404 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Tgt Ion: 92 Resp: 21131
 Ion Ratio Lower Upper
 92 100
 91 171.7 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 2.268 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

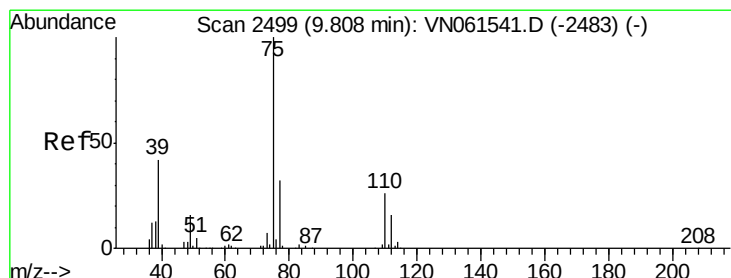
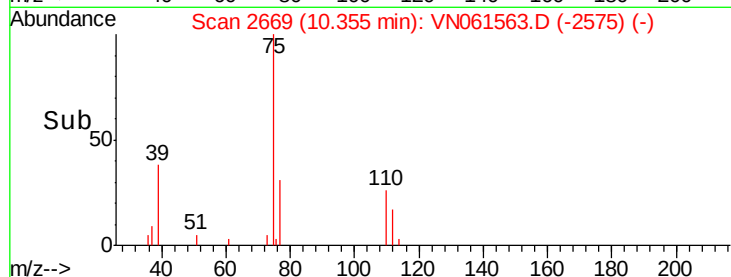
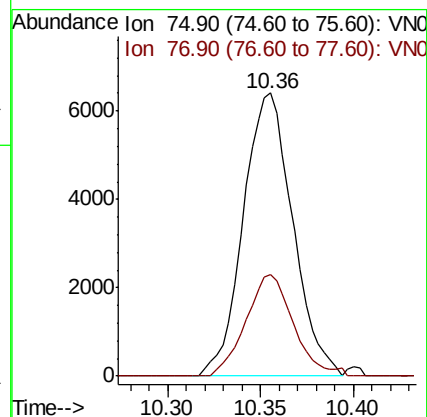
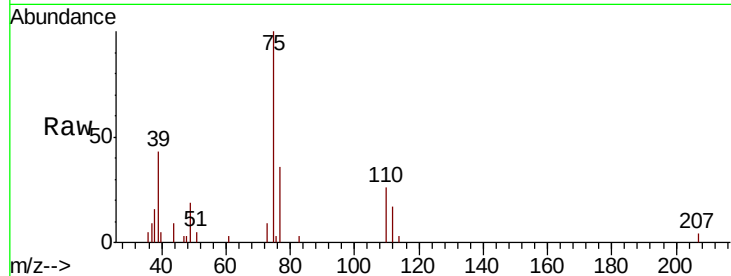
ClientSampled :

Tot Ion: 75 Resp: 11872

Ion Ratio Lower Upper

75 100

77 35.8 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 2.248 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

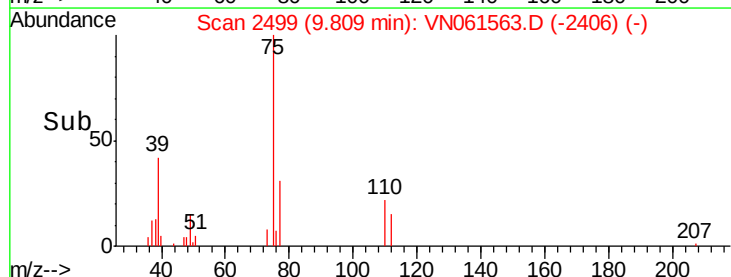
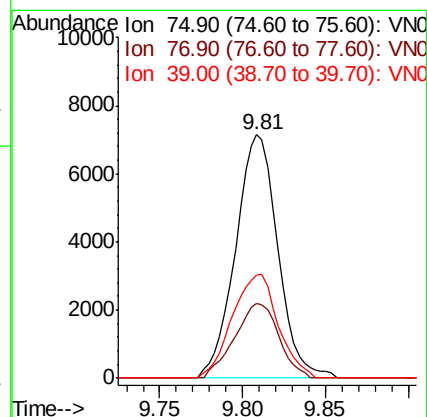
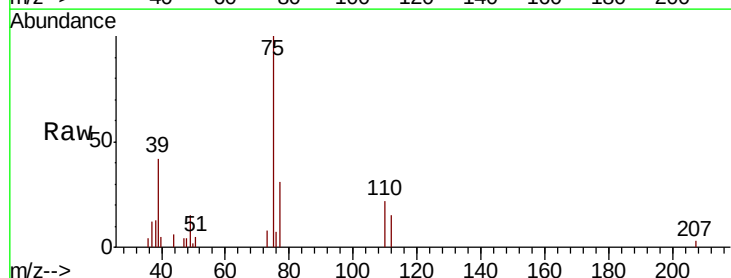
Tgt Ion: 75 Resp: 12653

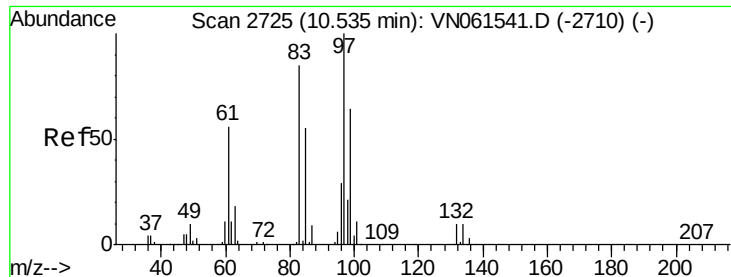
Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2

39 42.4 33.8 50.6

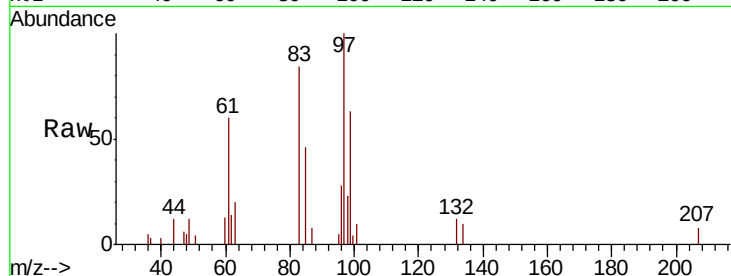




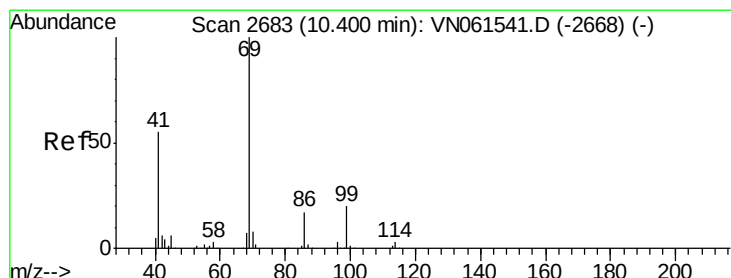
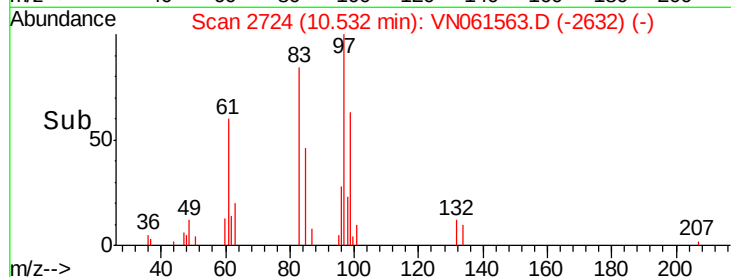
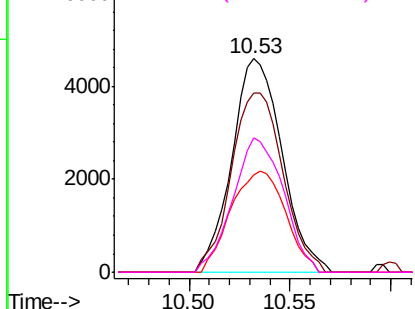
#55
 1,1,2-Trichloroethane
 Concen: 2.288 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	8012
Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.1	102.1
85	45.7	44.1	66.1
99	62.7	51.1	76.7

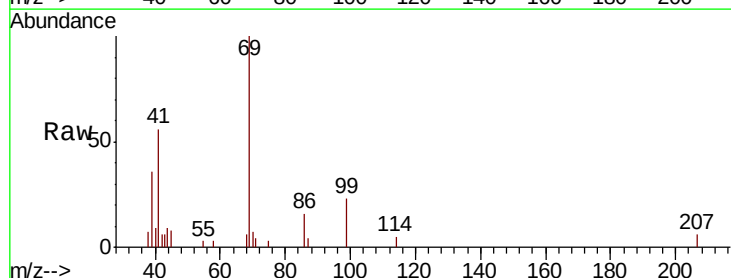


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

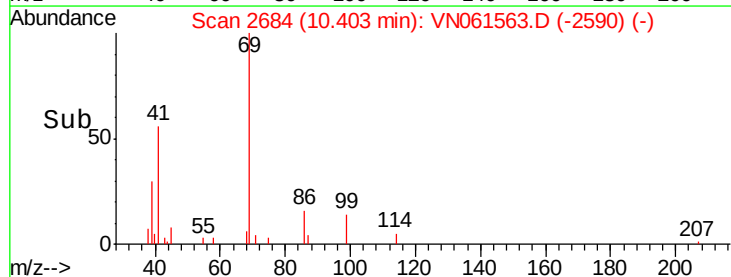
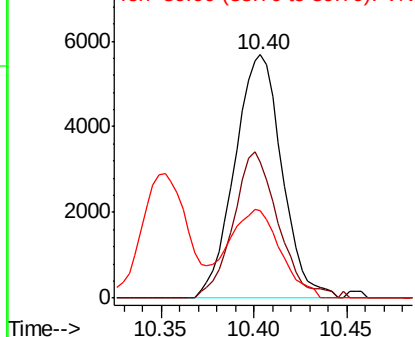


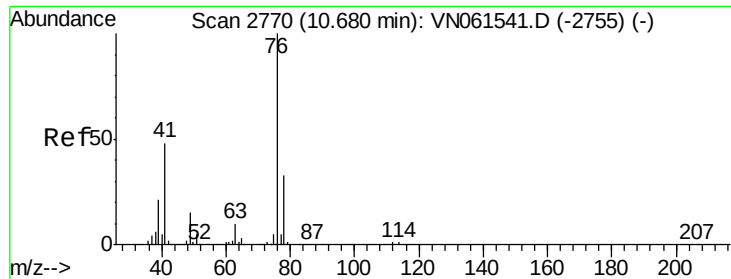
#56
 Ethyl methacrylate
 Concen: 2.055 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Tgt Ion:	69	Resp:	10054
Ion	Ratio	Lower	Upper
69	100		
41	57.5	43.5	65.3
39	40.7	27.0	40.6#



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

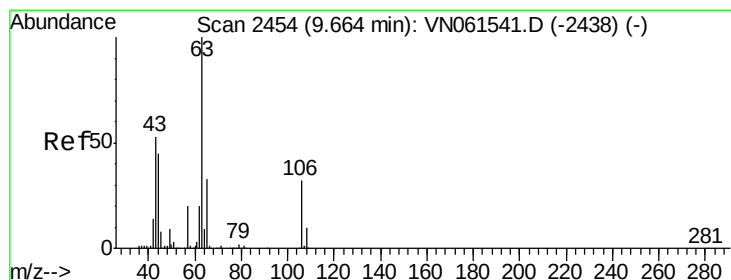
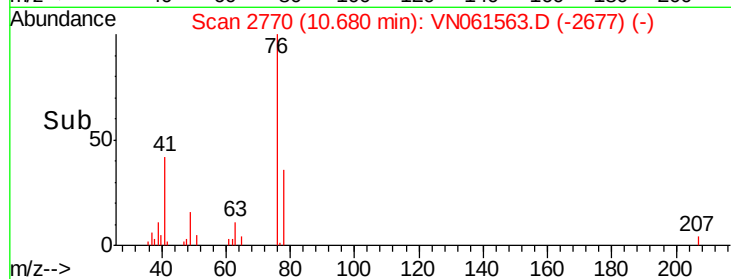
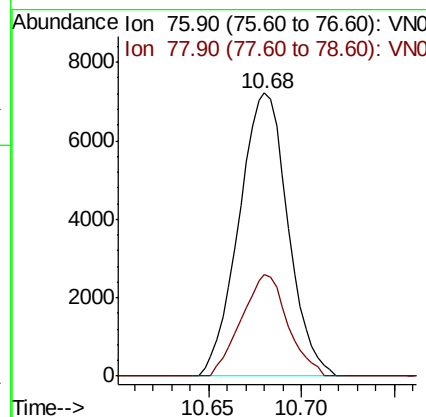
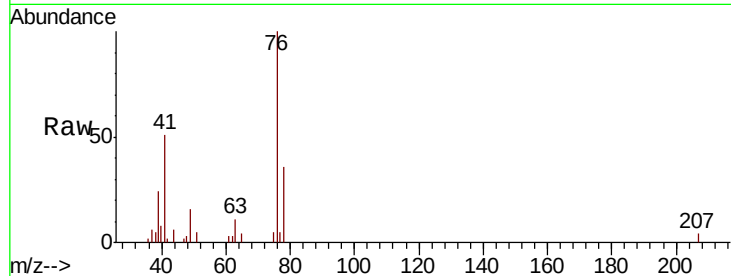




#57
 1,3-Dichloropropane
 Concen: 2.366 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

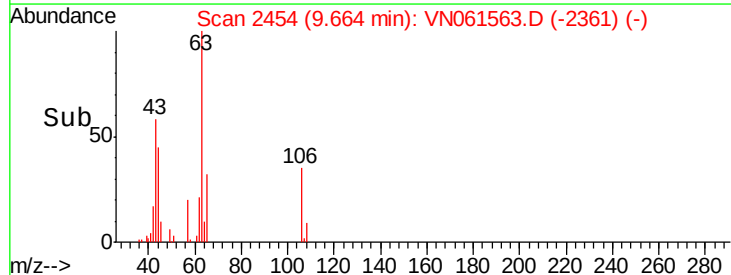
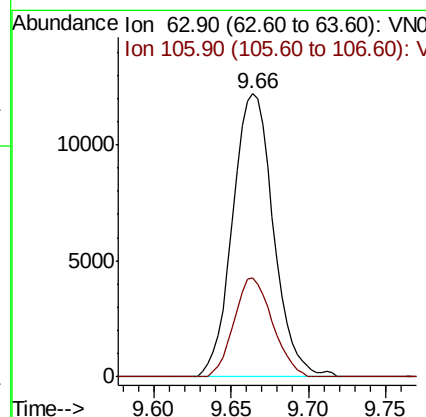
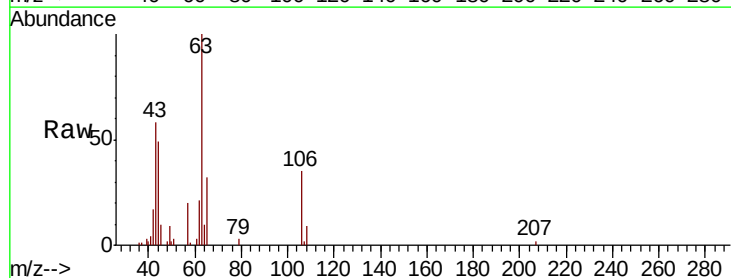
Instrument :
 MSVOA_N
 ClientSampled :

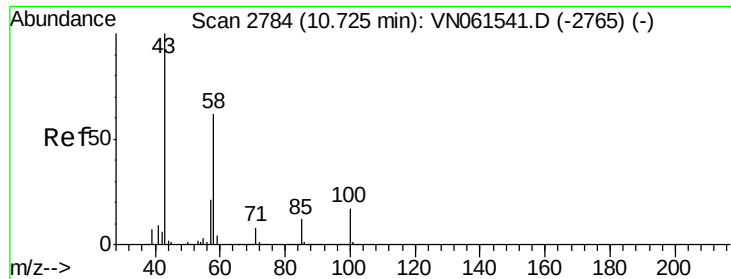
Tot Ion: 76 Resp: 13251
 Ion Ratio Lower Upper
 76 100
 78 33.8 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 10.695 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Tgt Ion: 63 Resp: 22356
 Ion Ratio Lower Upper
 63 100
 106 32.8 25.9 38.9

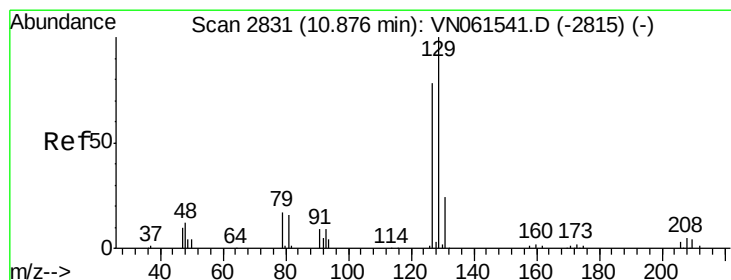
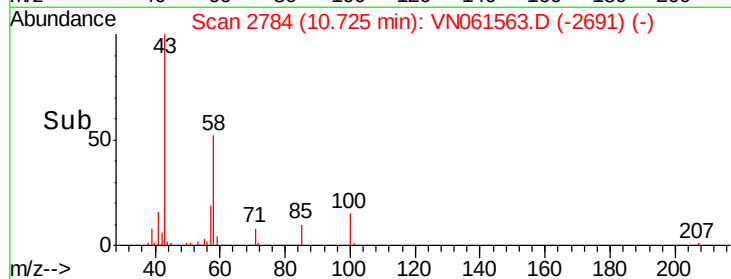
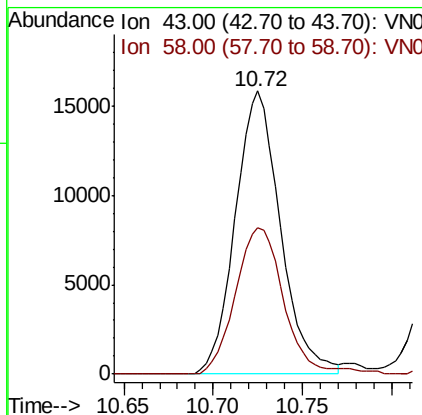
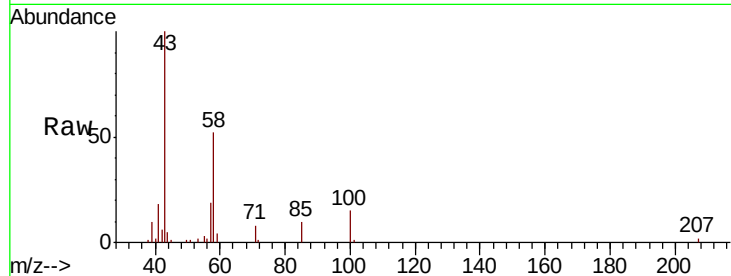




#59
2-Hexanone
Concen: 10.896 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

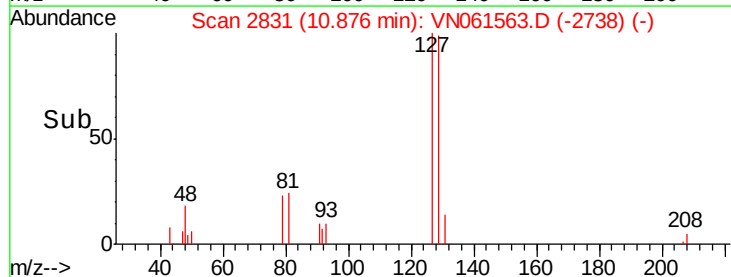
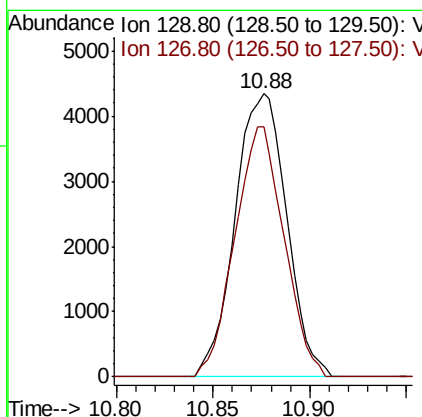
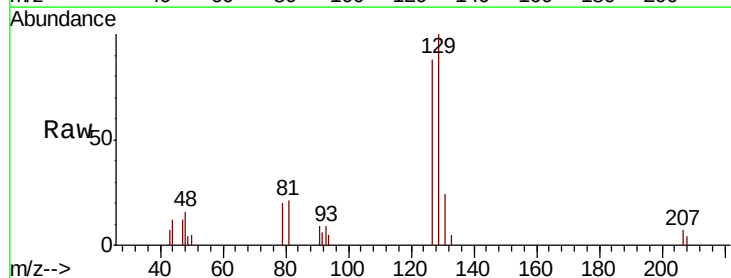
Instrument :
MSVOA_N
ClientSampleId :

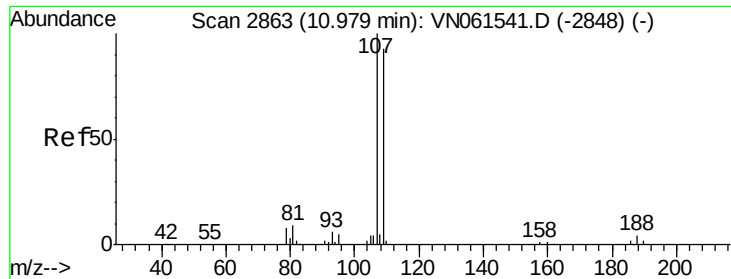
Tot Ion: 43 Resp: 27887
Ion Ratio Lower Upper
43 100
58 54.1 30.7 92.1



#60
Dibromochloromethane
Concen: 2.024 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Tgt Ion: 129 Resp: 8059
Ion Ratio Lower Upper
129 100
127 84.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 2.147 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

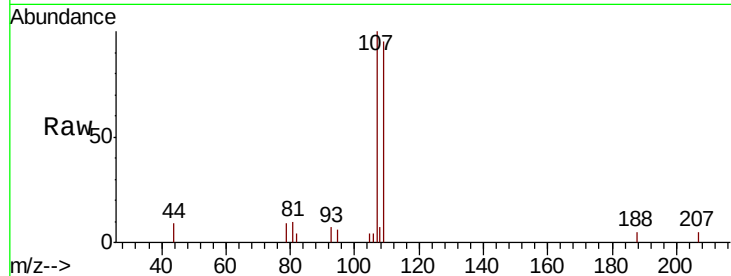
ClientSampleId :

Tot Ion: 107 Resp: 7839

Ion Ratio Lower Upper

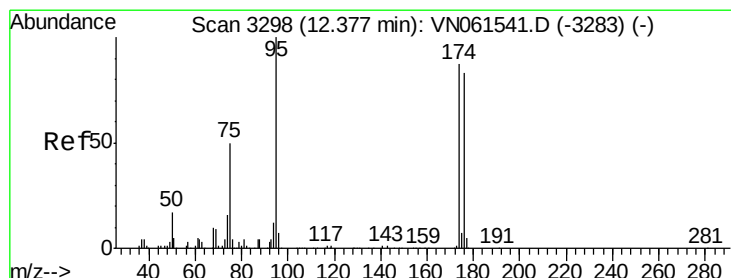
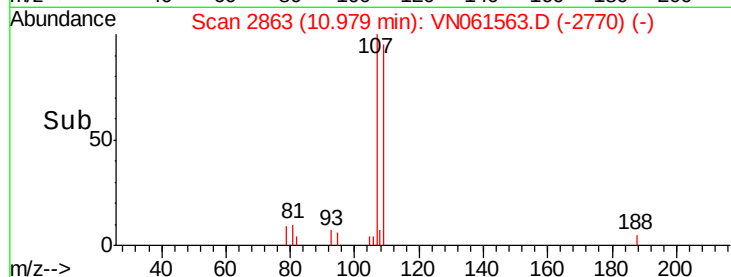
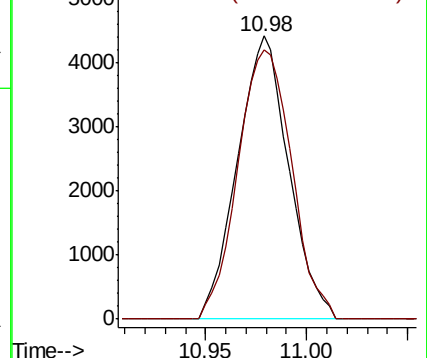
107 100

109 100.0 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.289 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

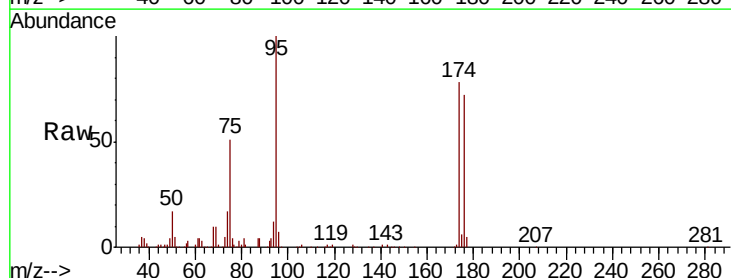
Tgt Ion: 95 Resp: 195717

Ion Ratio Lower Upper

95 100

174 76.9 0.0 172.8

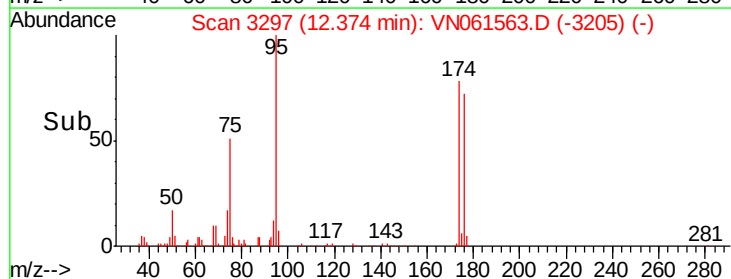
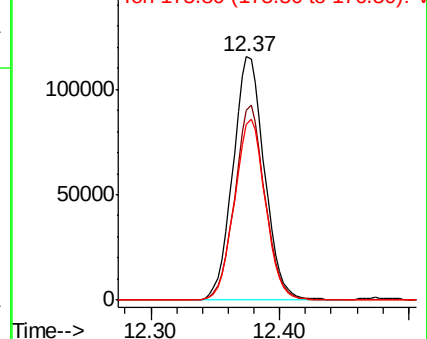
176 73.0 0.0 164.8

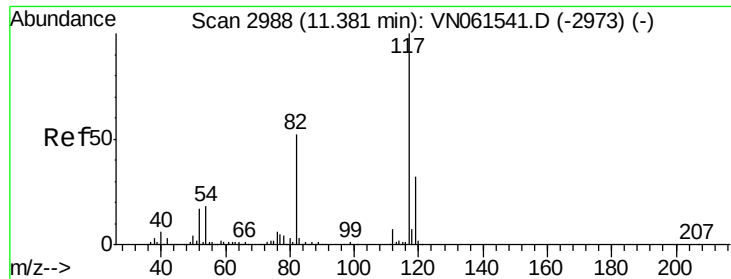


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

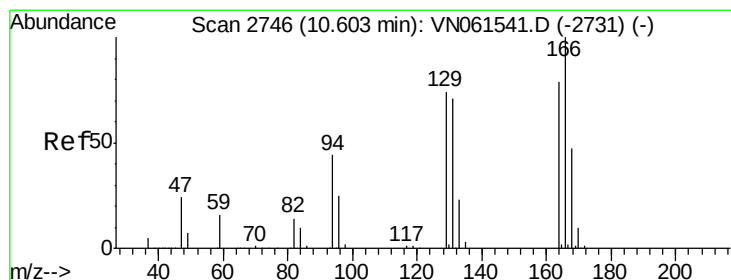
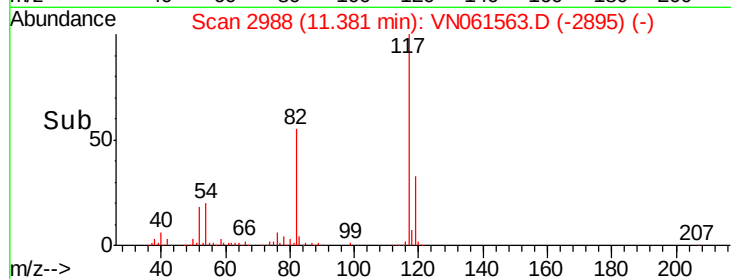
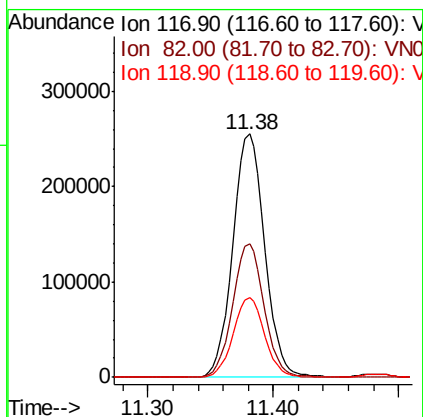
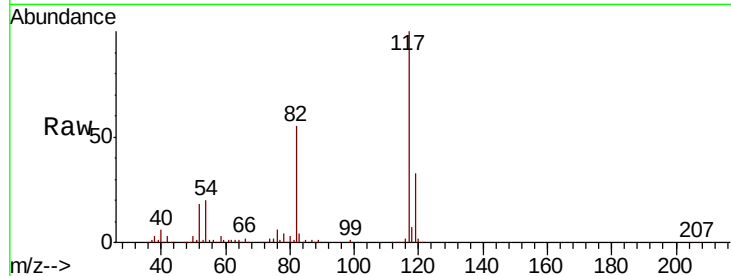




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

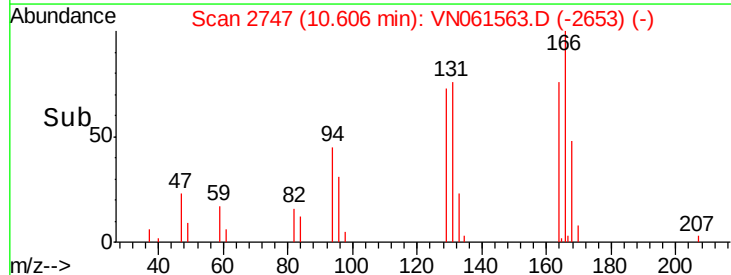
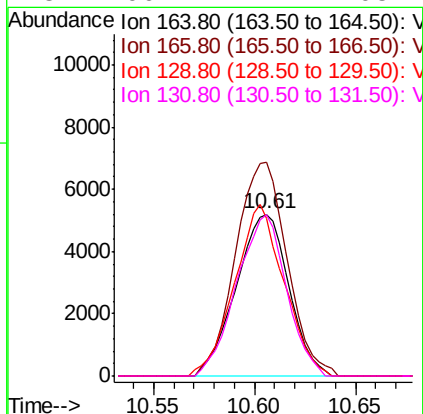
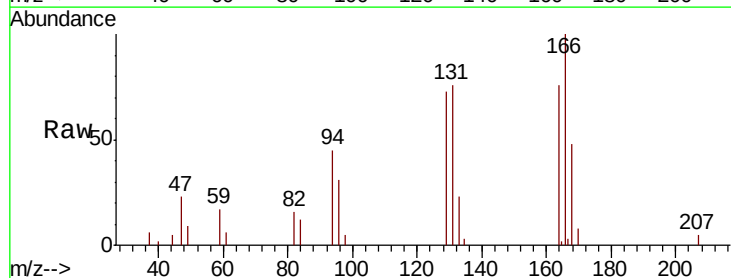
Instrument :
MSVOA_N
ClientSampleId :

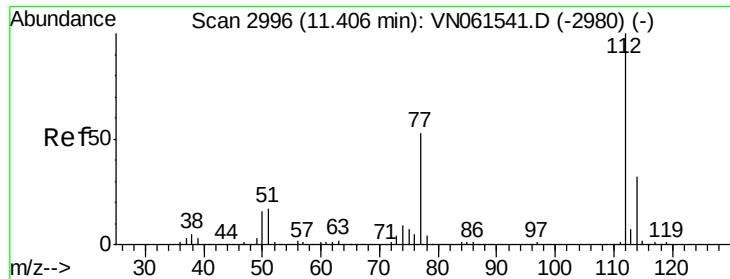
Tot Ion:117 Resp: 450863
Ion Ratio Lower Upper
117 100
82 54.8 41.5 62.3
119 32.9 25.6 38.4



#64
Tetrachloroethene
Concen: 2.231 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Tgt Ion:164 Resp: 9467
Ion Ratio Lower Upper
164 100
166 132.0 101.5 152.3
129 97.0 74.9 112.3
131 100.1 72.2 108.2

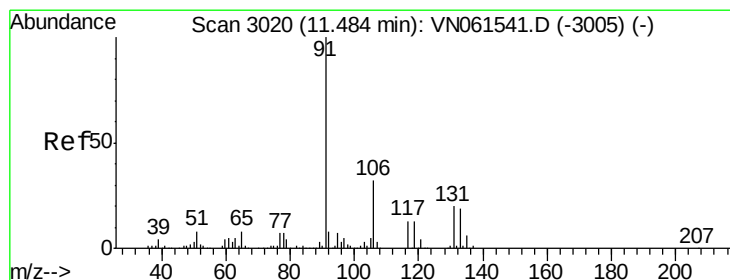
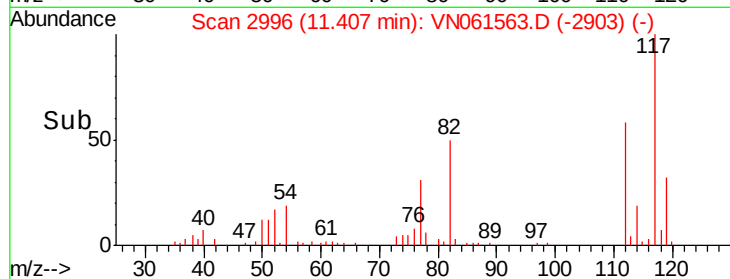
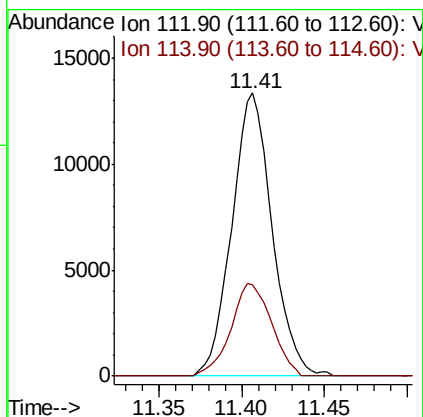
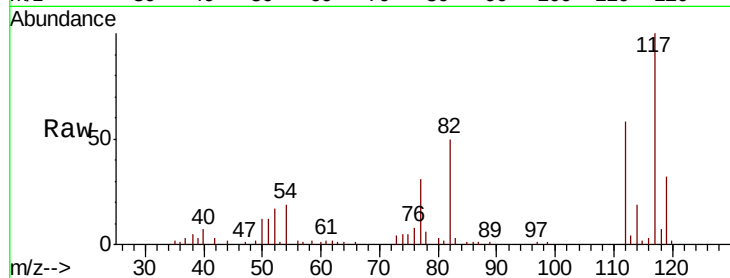




#65
Chlorobenzene
Concen: 2.401 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

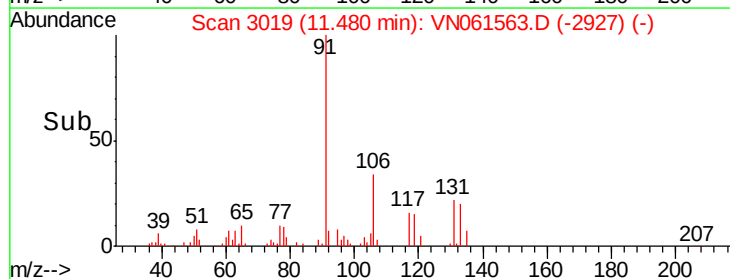
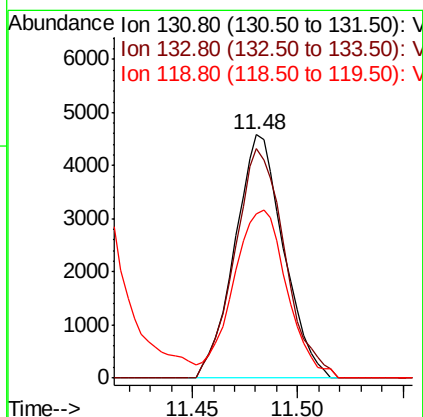
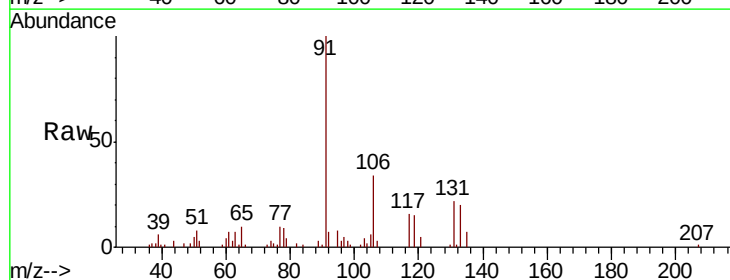
Instrument :
MSVOA_N
ClientSampleId :

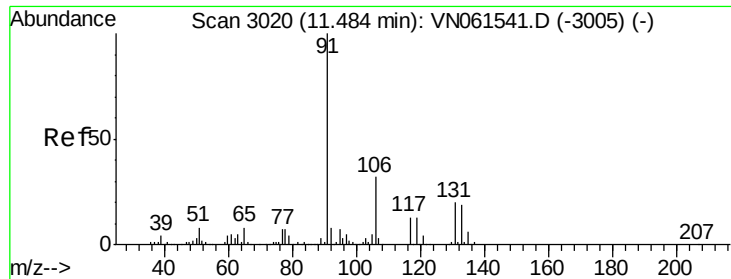
Tot Ion:112 Resp: 22505
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 2.110 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Tgt Ion:131 Resp: 7364
Ion Ratio Lower Upper
131 100
133 97.4 47.4 142.2
119 76.5 32.6 97.8





#67

Ethyl Benzene

Concen: 2.301 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

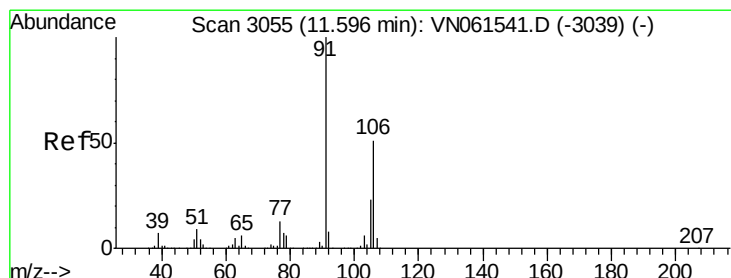
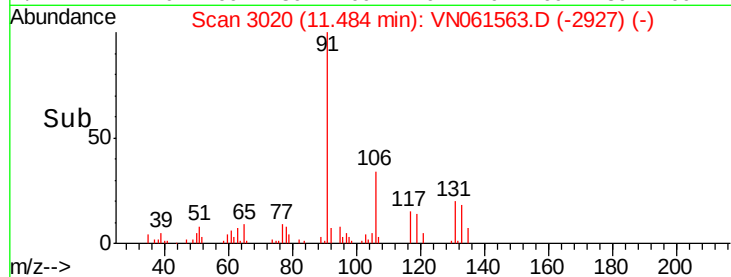
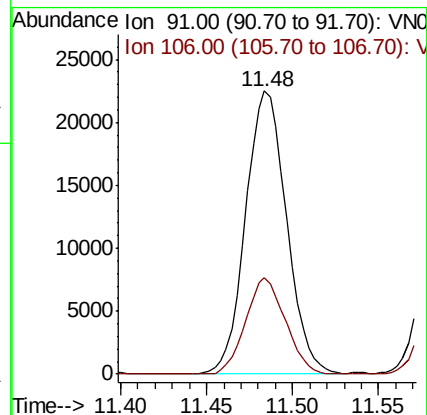
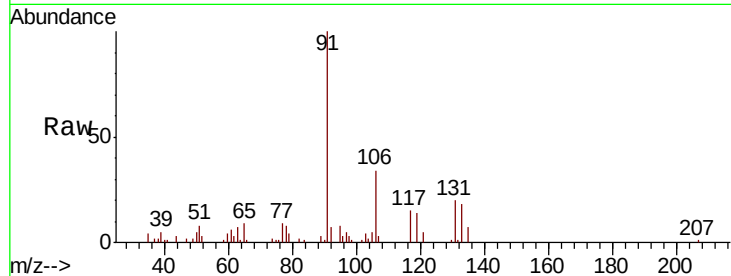
ClientSampleId :

Tot Ion: 91 Resp: 37277

Ion Ratio Lower Upper

91 100

106 34.2 25.6 38.4



#68

m/p-Xylenes

Concen: 4.592 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN061563.D

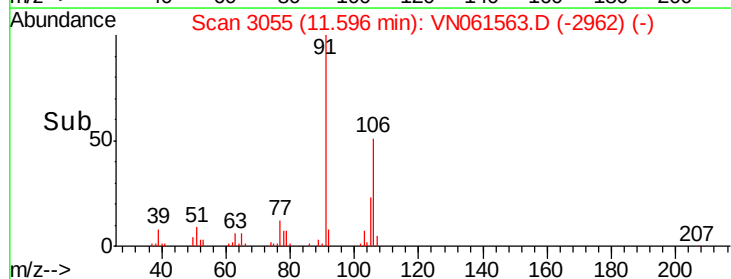
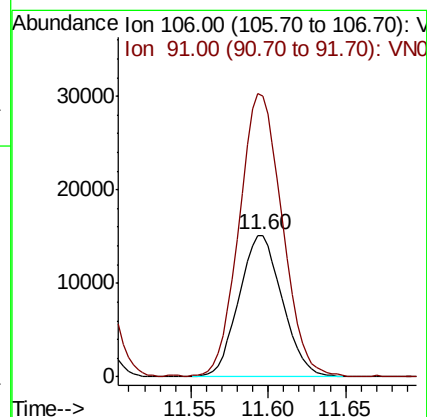
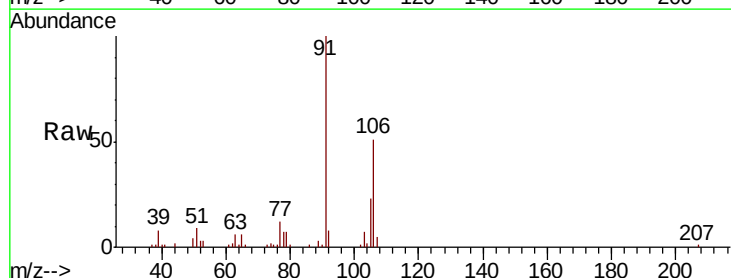
Acq: 29 May 2020 13:38

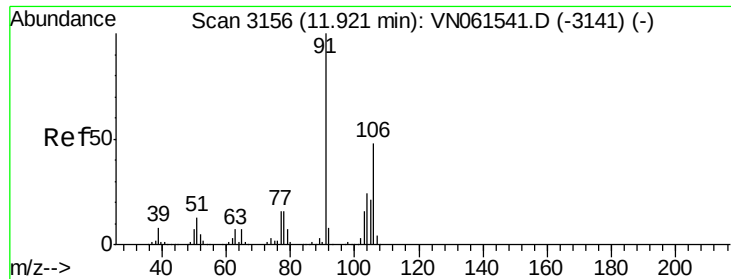
Tgt Ion: 106 Resp: 29495

Ion Ratio Lower Upper

106 100

91 198.8 156.2 234.4

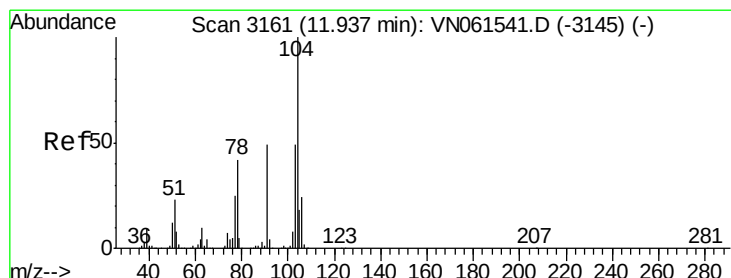
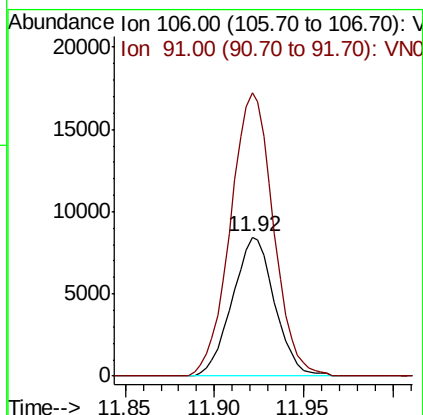
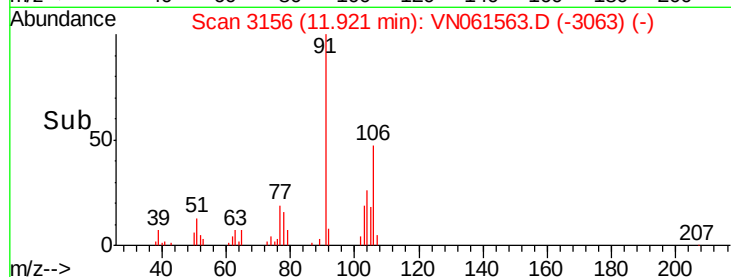
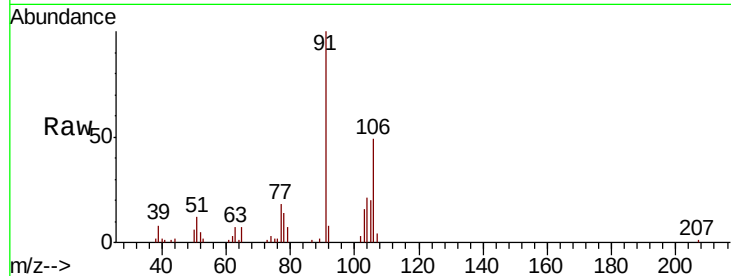




#69
o-Xylene
Concen: 2.288 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

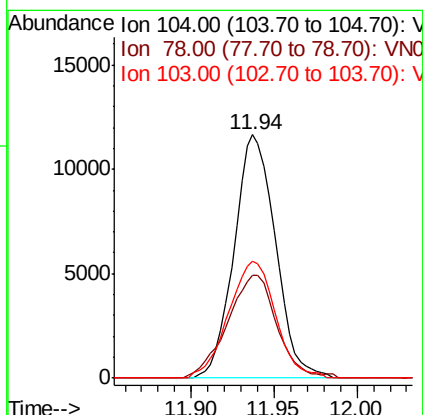
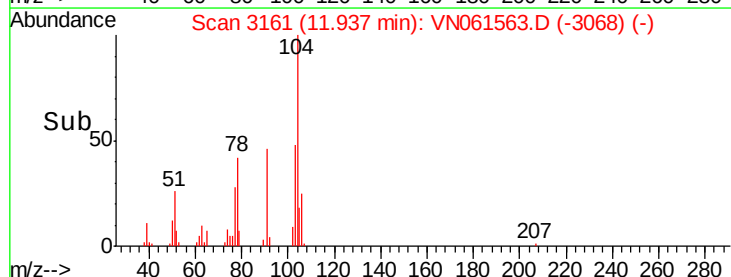
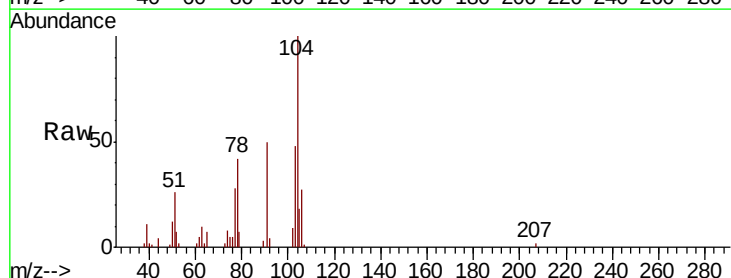
Instrument :
MSVOA_N
ClientSampleId :

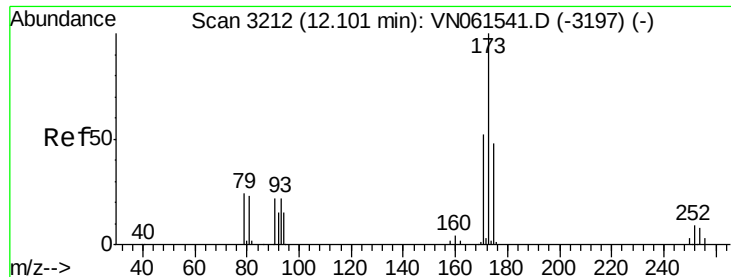
Tot Ion:106 Resp: 13957
Ion Ratio Lower Upper
106 100
91 207.0 103.3 309.8



#70
Styrene
Concen: 2.004 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Tgt Ion:104 Resp: 20248
Ion Ratio Lower Upper
104 100
78 50.4 37.4 56.0
103 54.3 42.3 63.5





#71

Bromoform

Concen: 1.777 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

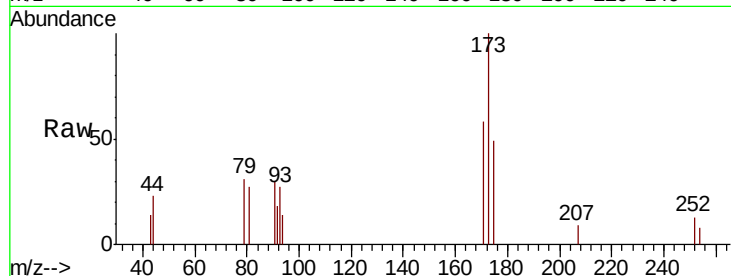
Tot Ion:173 Resp: 4777

Ion Ratio Lower Upper

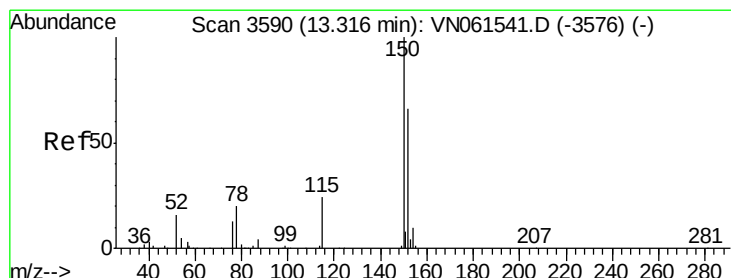
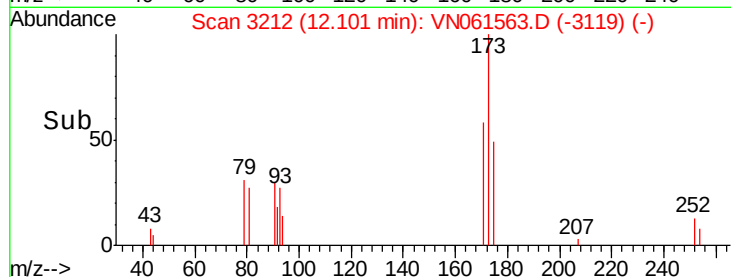
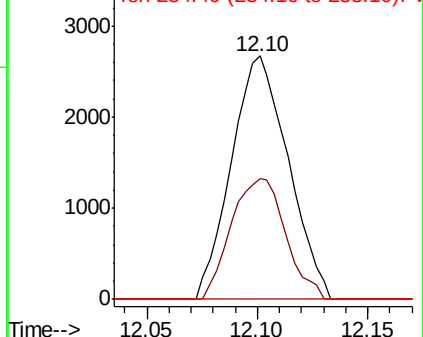
173 100

175 47.4 24.4 73.2

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# 3591

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

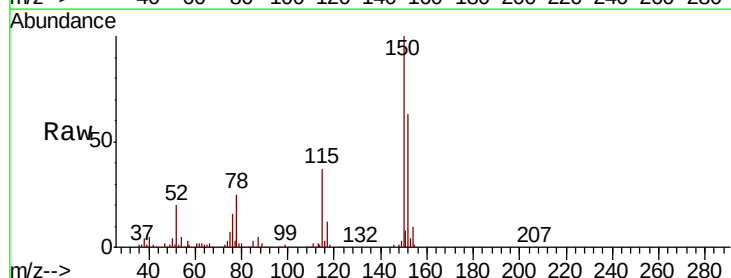
Tgt Ion:152 Resp: 192357

Ion Ratio Lower Upper

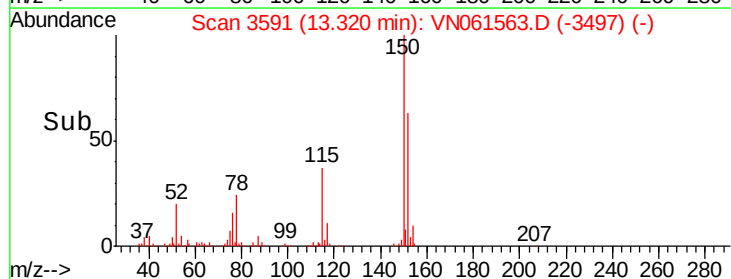
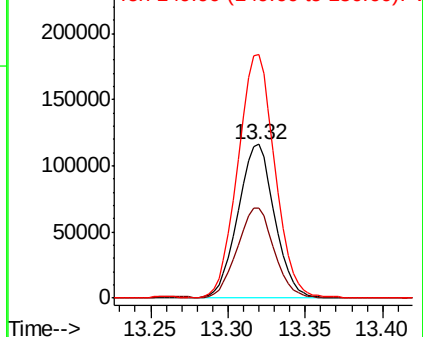
152 100

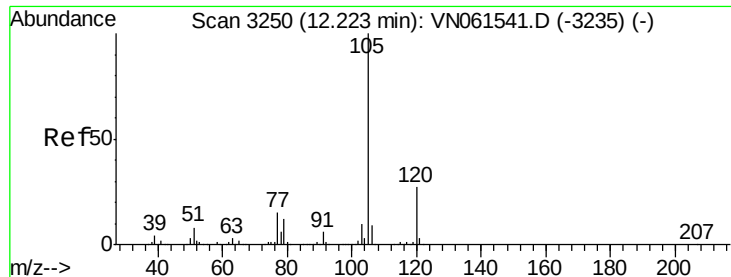
115 59.1 28.0 84.0

150 159.1 0.0 344.0



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: 2.595 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

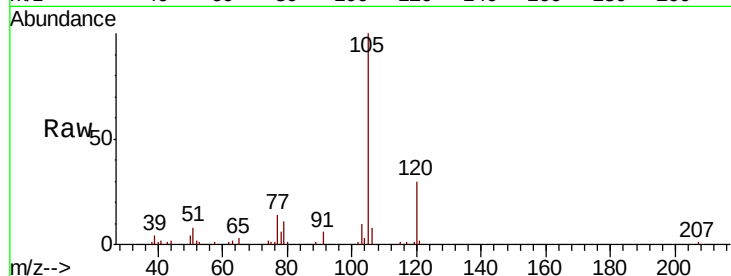
ClientSampled :

Tot Ion:105 Resp: 36431

Ion Ratio Lower Upper

105 100

120 28.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

25000

20000

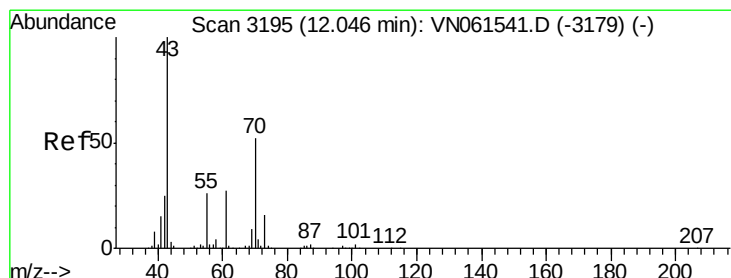
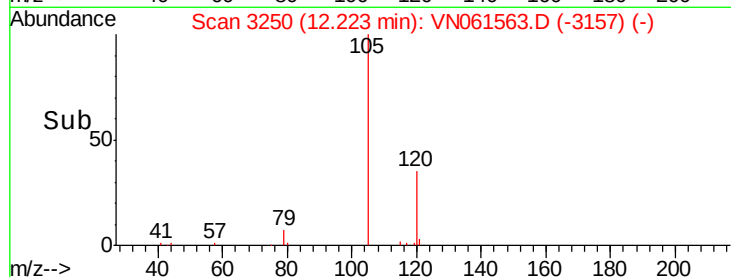
15000

10000

5000

0

Time--> 12.15 12.20 12.25



#74

N-ethyl acetate

Concen: 2.402 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Tgt Ion: 43 Resp: 10618

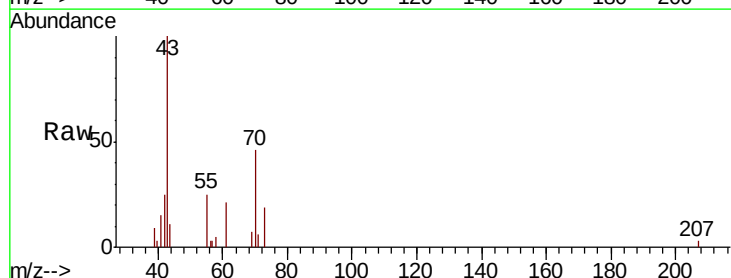
Ion Ratio Lower Upper

43 100

70 43.8 40.5 60.7

55 24.0 20.6 31.0

61 21.2 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

8000

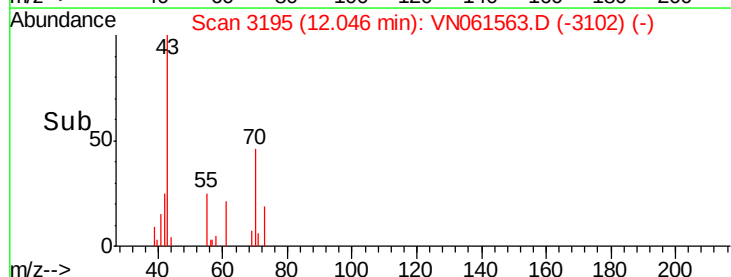
6000

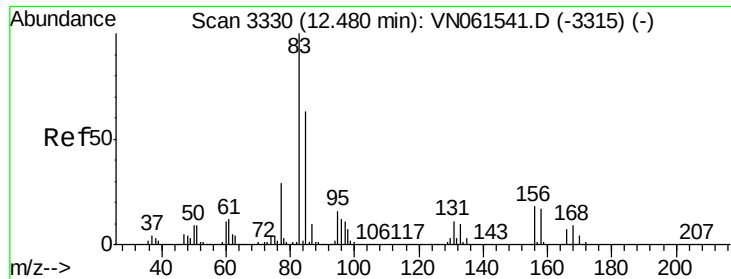
4000

2000

0

Time--> 12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 2.454 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

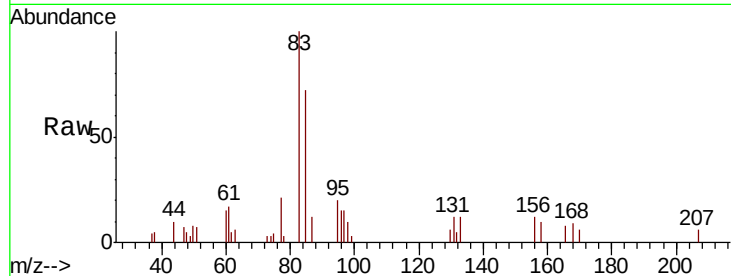
Tot Ion: 83 Resp: 9656

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.5

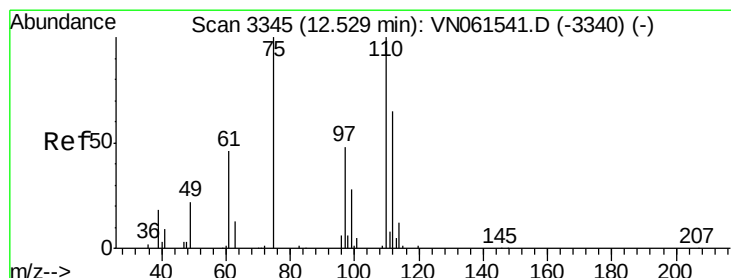
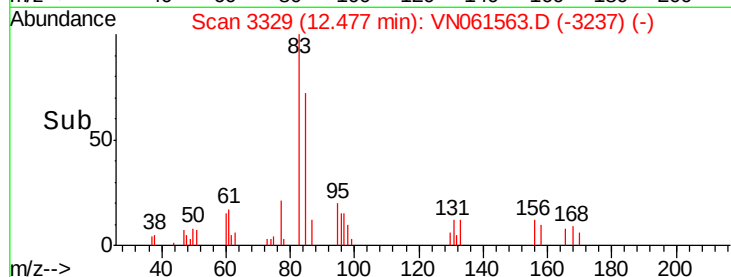
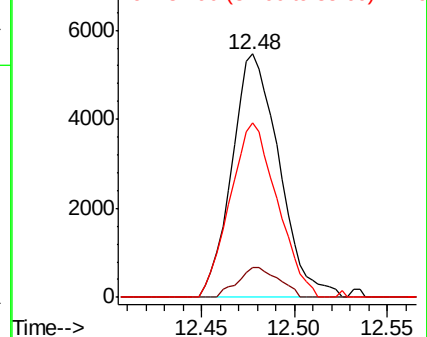
85 71.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN061541.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 3.794 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061563.D

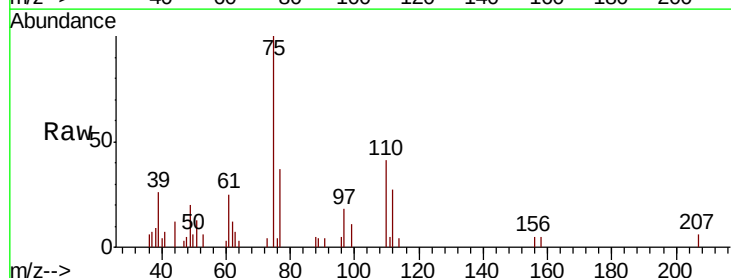
Acq: 29 May 2020 13:38

Tgt Ion: 75 Resp: 13272

Ion Ratio Lower Upper

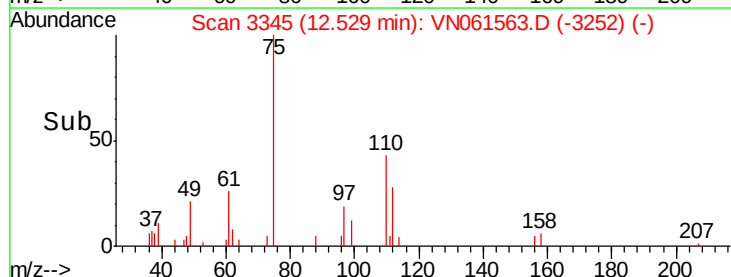
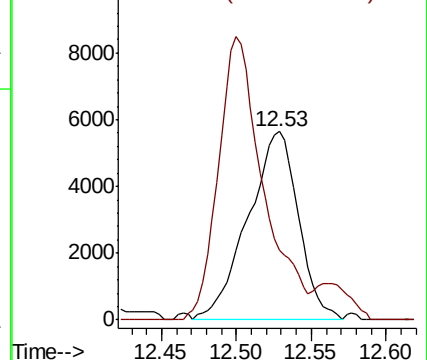
75 100

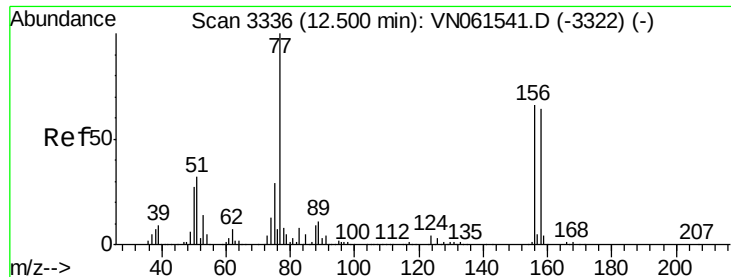
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061541.D (-3340) (-)





#77

Bromobenzene

Concen: 2.440 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

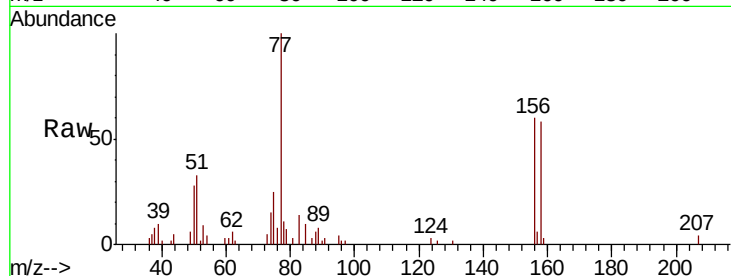
Tot Ion:156 Resp: 8745

Ion Ratio Lower Upper

156 100

77 203.0 90.9 272.7

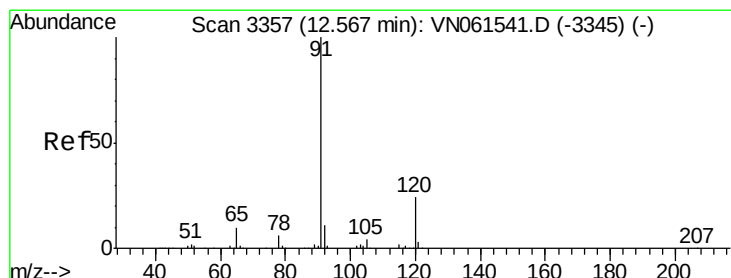
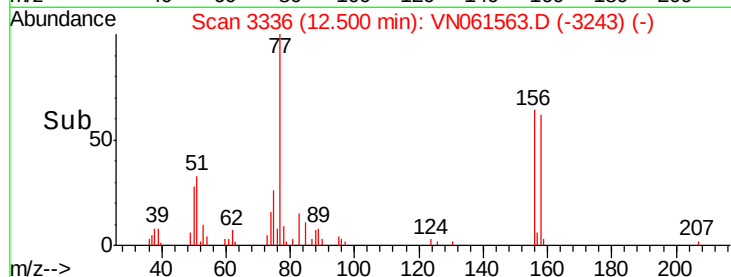
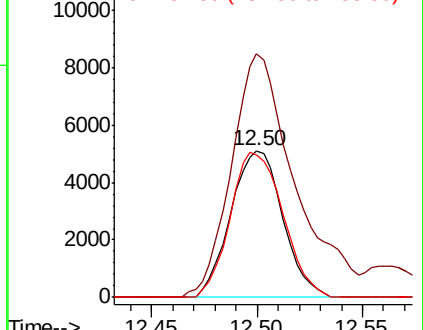
158 100.5 48.4 145.3



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: 2.566 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061563.D

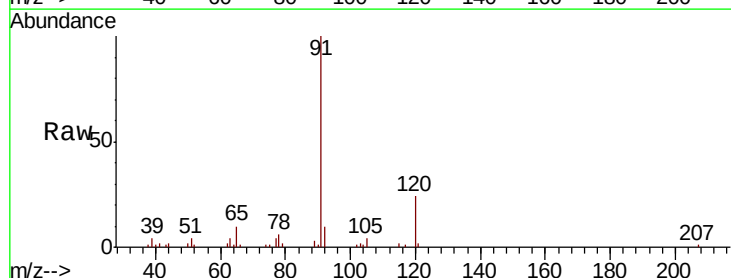
Acq: 29 May 2020 13:38

Tgt Ion: 91 Resp: 40213

Ion Ratio Lower Upper

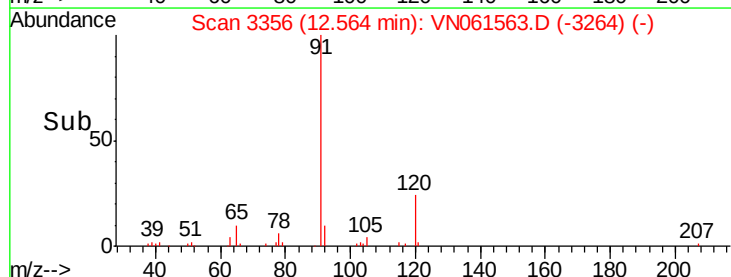
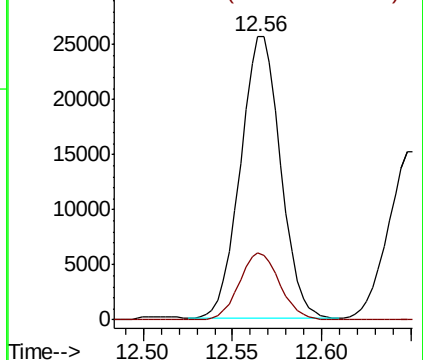
91 100

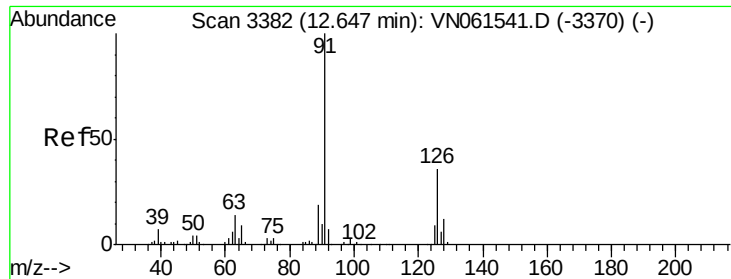
120 23.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.668 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

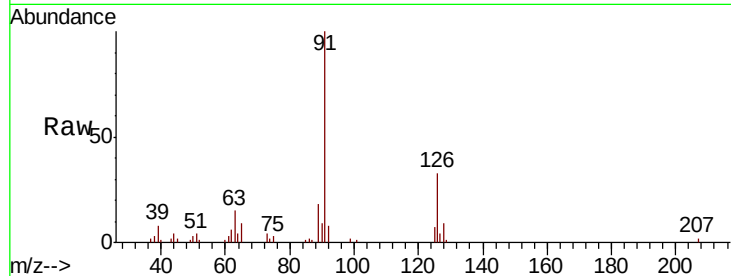
ClientSampleId :

Tot Ion: 91 Resp: 24939

Ion Ratio Lower Upper

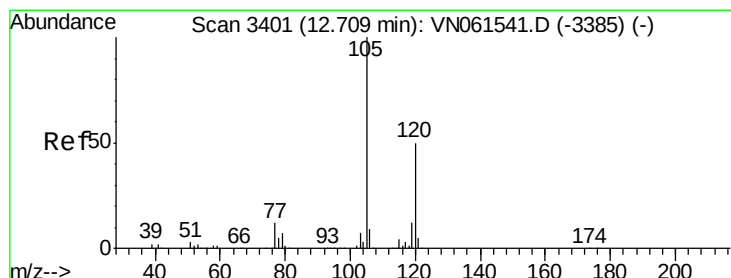
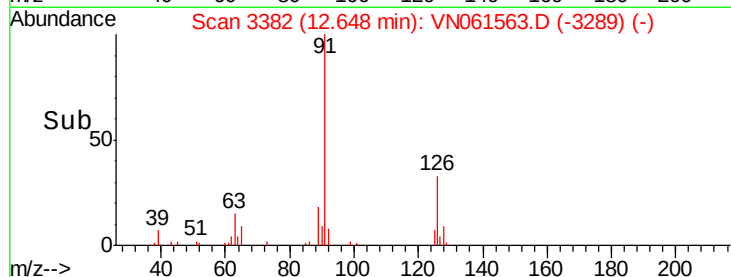
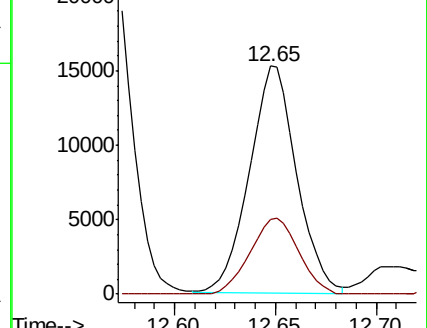
91 100

126 34.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061541.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.447 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061563.D

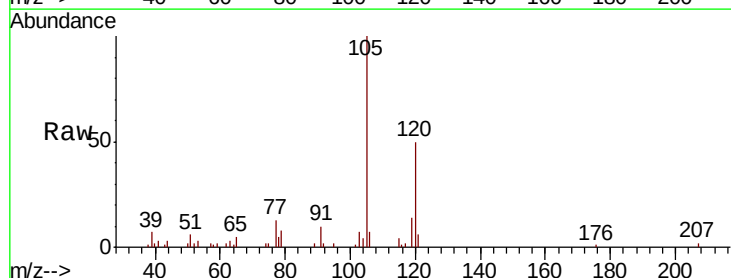
Acq: 29 May 2020 13:38

Tgt Ion:105 Resp: 28716

Ion Ratio Lower Upper

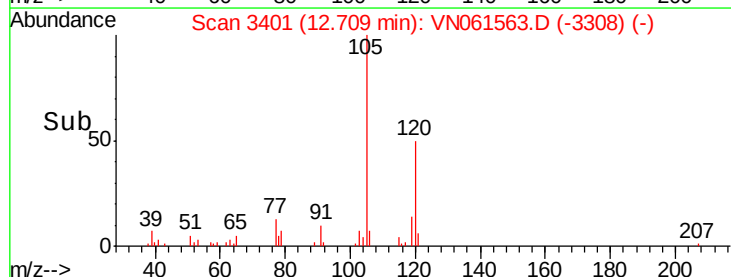
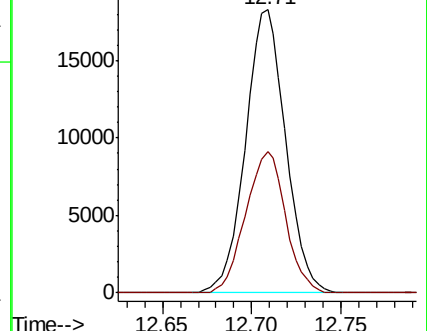
105 100

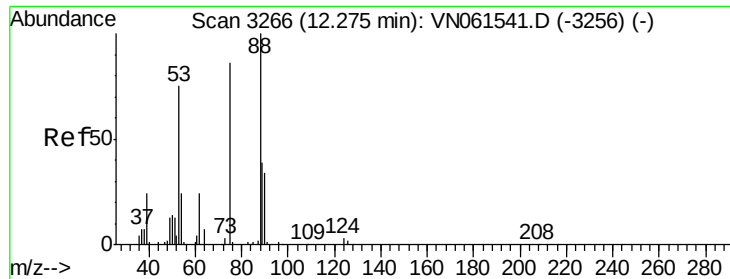
120 49.8 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061541.D (-3385) (-)

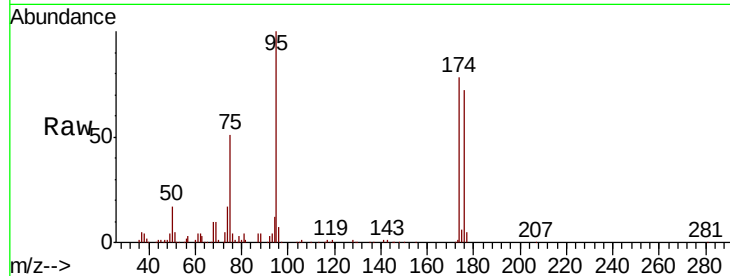




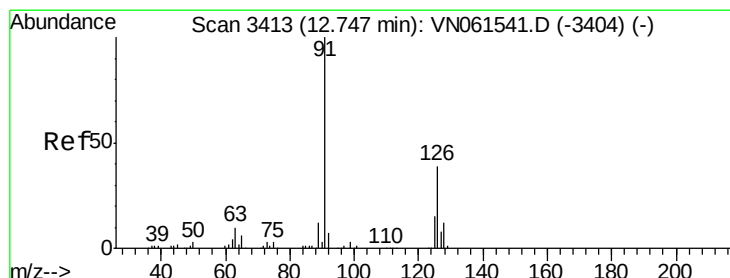
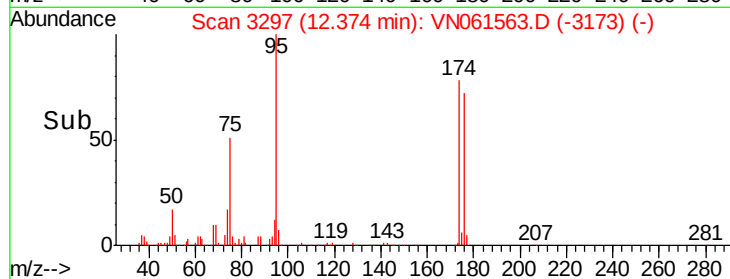
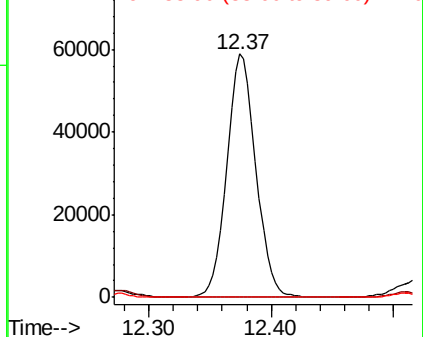
#81
trans-1,4-Dichloro-2-butene
Concen: 71.719 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.10 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 98096
Ion Ratio Lower Upper
75 100
53 0.0 67.8 101.8#
89 0.0 37.1 55.7#

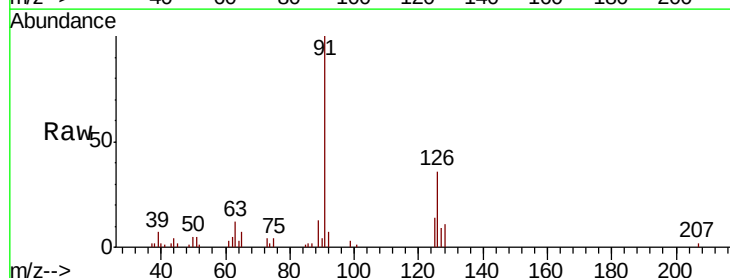


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

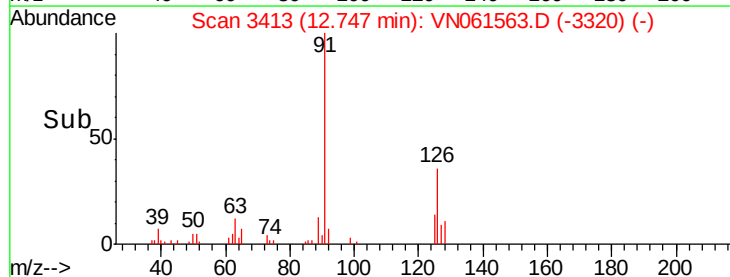
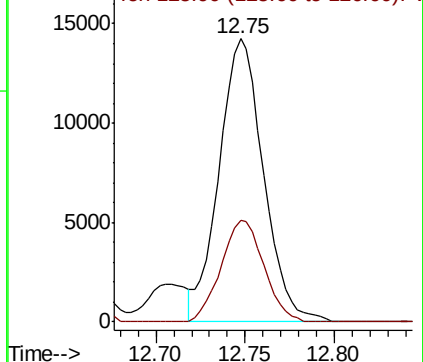


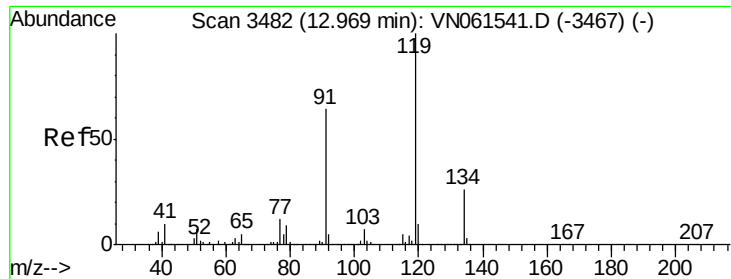
#82
4-Chlorotoluene
Concen: 2.503 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Tgt Ion: 91 Resp: 24612
Ion Ratio Lower Upper
91 100
126 34.6 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

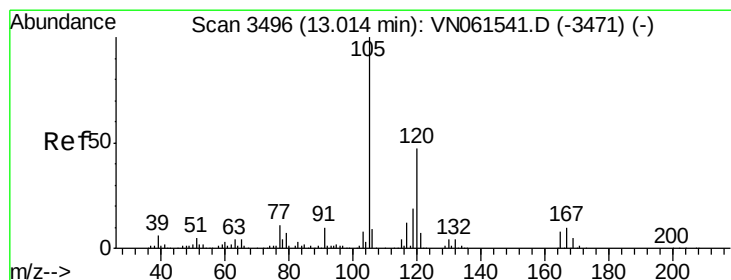
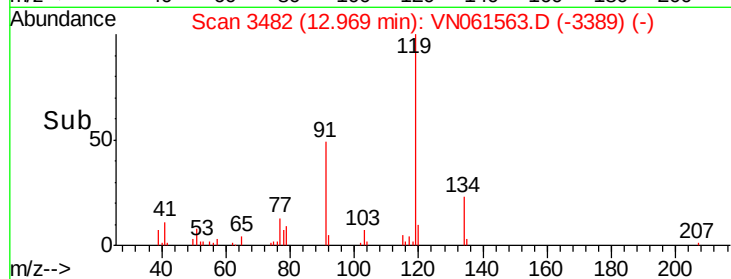
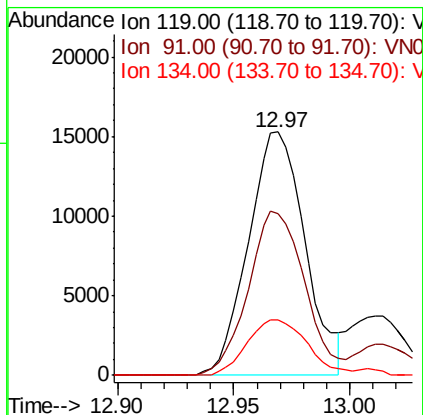
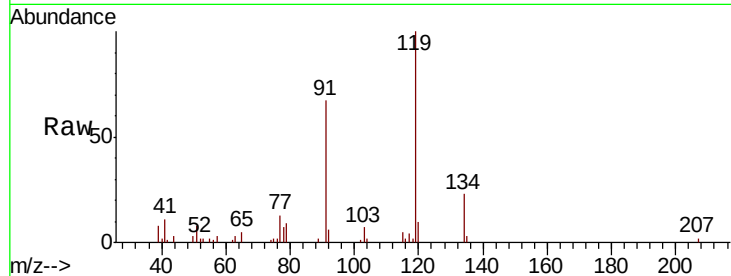




#83
 tert-Butylbenzene
 Concen: 2.504 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

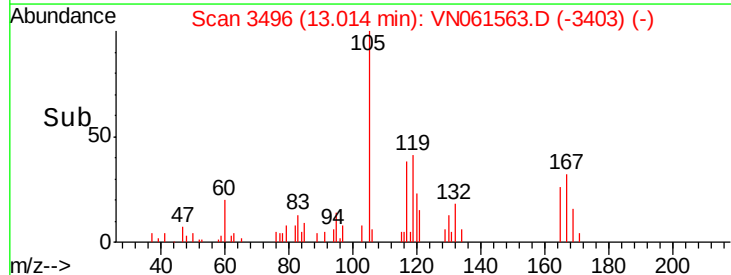
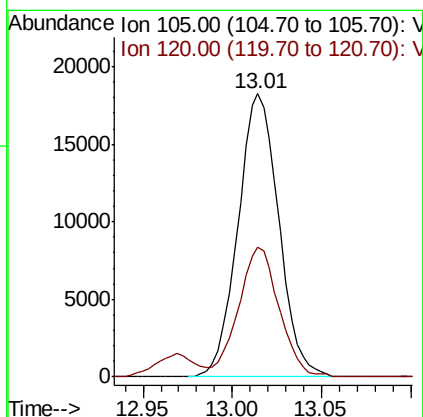
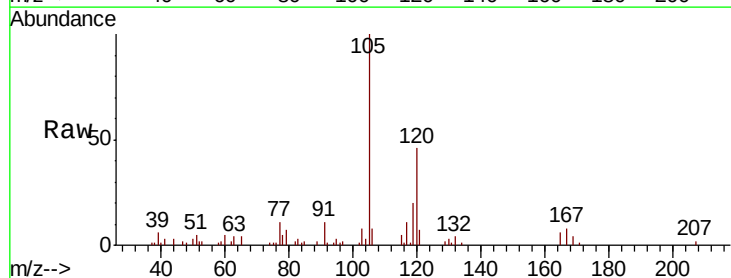
Instrument :
 MSVOA_N
 ClientSampled :

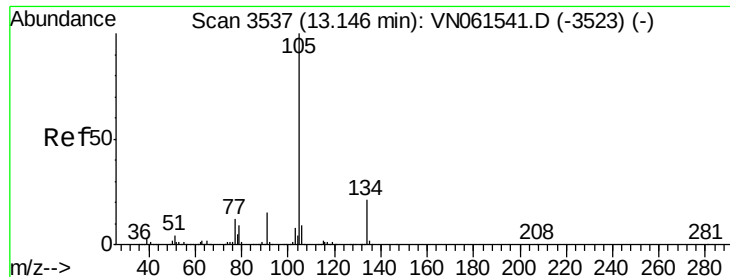
Tot Ion:119 Resp: 25965
 Ion Ratio Lower Upper
 119 100
 91 67.4 31.3 93.8
 134 24.2 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 2.504 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Tgt Ion:105 Resp: 29196
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.2 69.5





#85

sec-Butylbenzene

Concen: 2.463 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

Instrument :

MSVOA_N

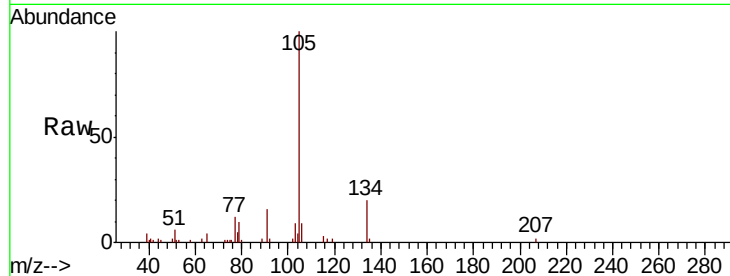
ClientSampled :

Tot Ion:105 Resp: 32908

Ion Ratio Lower Upper

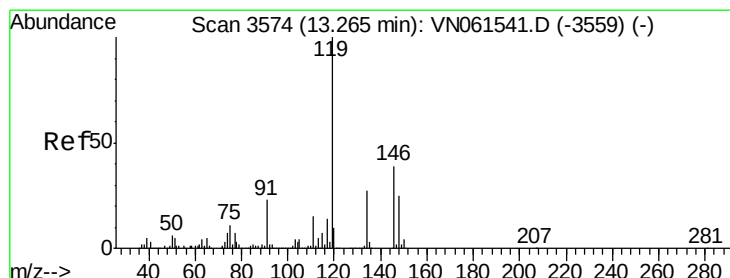
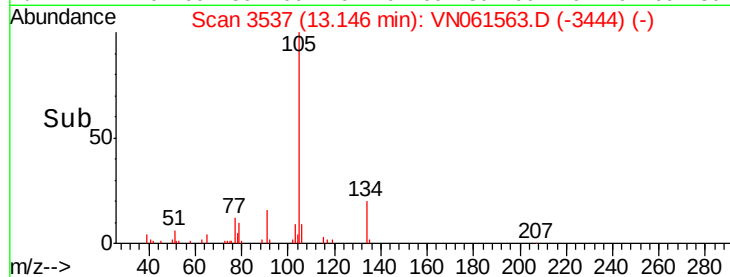
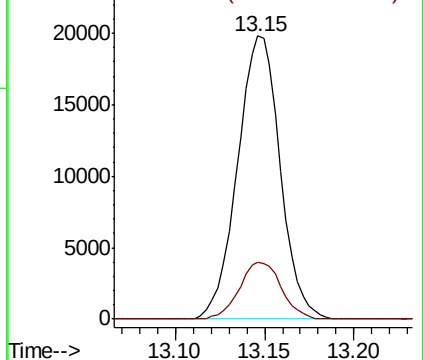
105 100

134 19.8 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.340 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061563.D

Acq: 29 May 2020 13:38

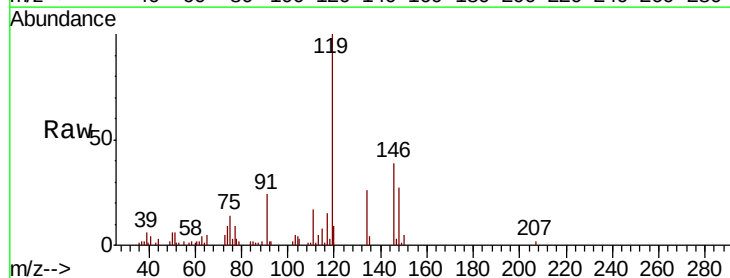
Tgt Ion:119 Resp: 28788

Ion Ratio Lower Upper

119 100

134 26.0 13.5 40.5

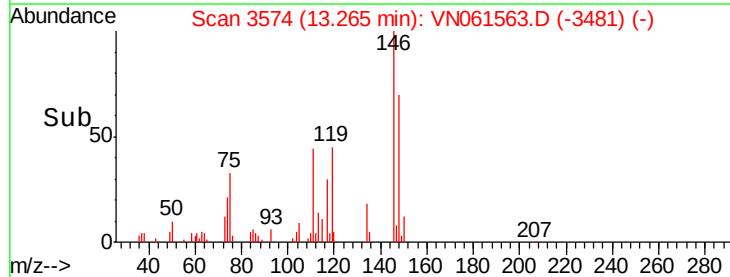
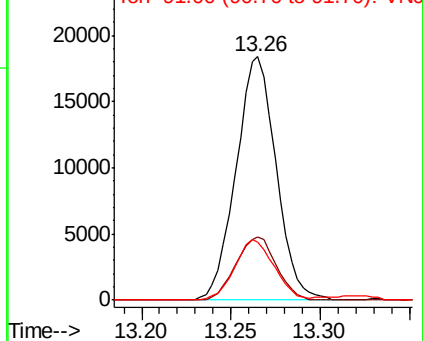
91 24.5 11.4 34.1

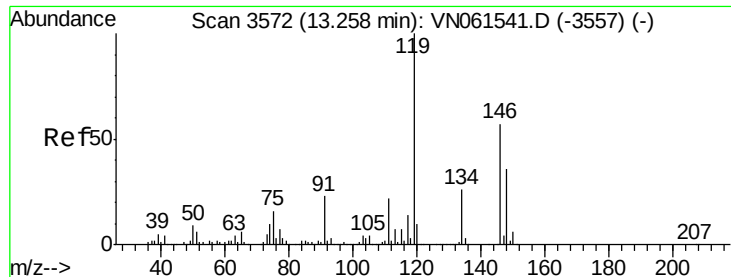


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

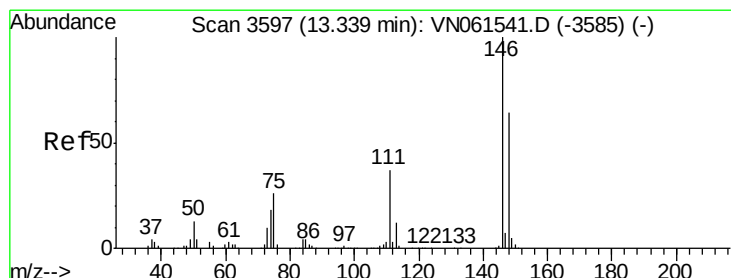
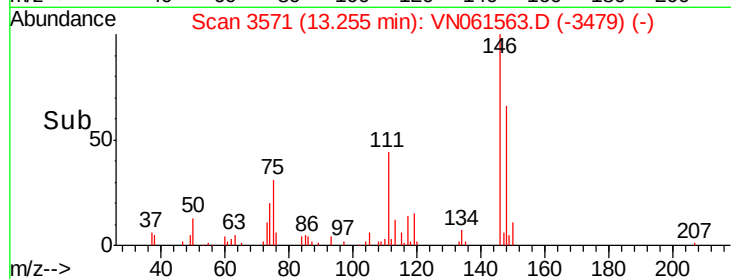
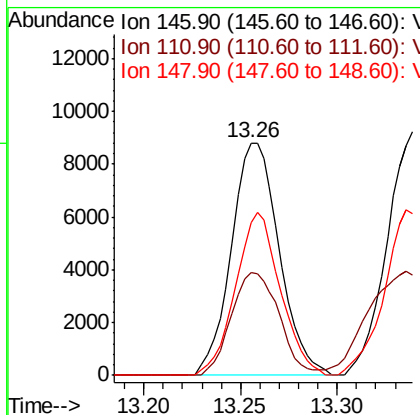
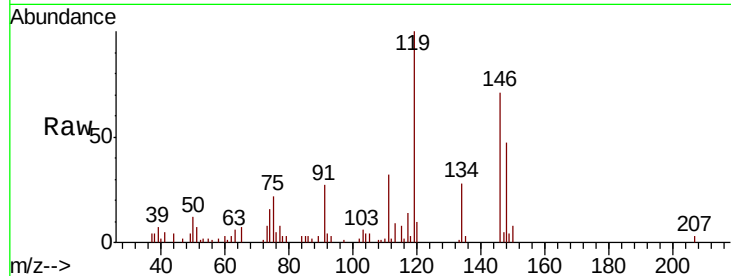




#87
 1,3-Dichlorobenzene
 Concen: 2.385 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

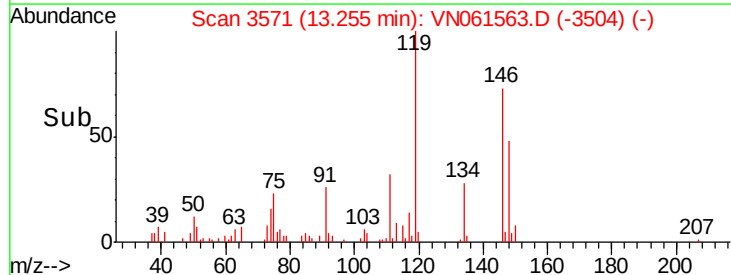
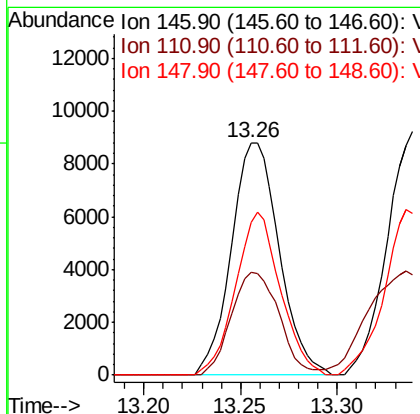
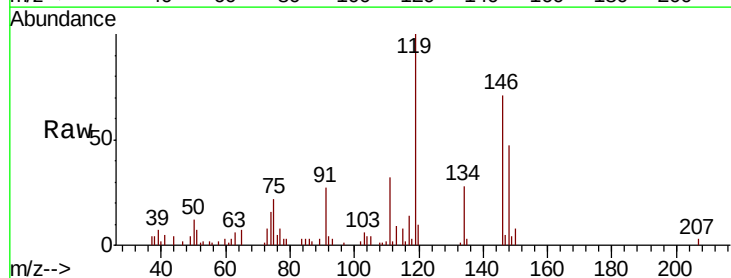
Instrument :
 MSVOA_N
 ClientSampleId :

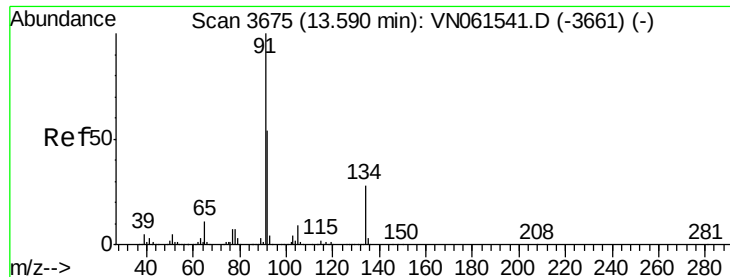
Tot Ion:146 Resp: 15134
 Ion Ratio Lower Upper
 146 100
 111 44.1 19.2 57.6
 148 65.5 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 2.341 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.08 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Tgt Ion:146 Resp: 15134
 Ion Ratio Lower Upper
 146 100
 111 44.1 18.9 56.9
 148 65.5 31.8 95.3

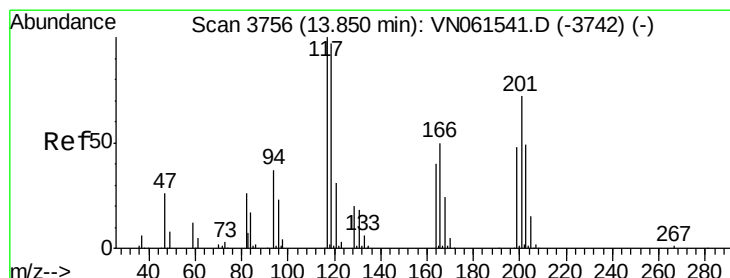
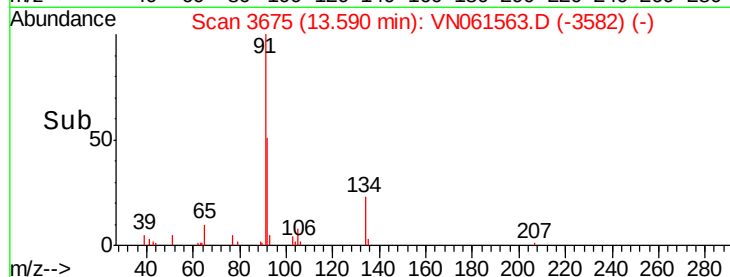
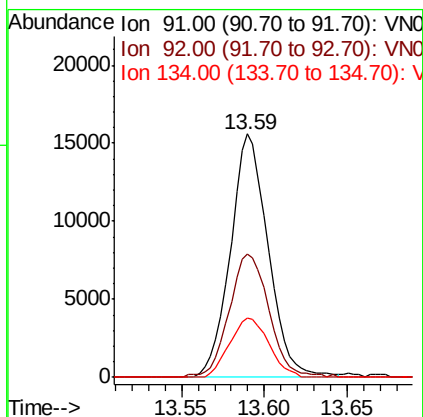
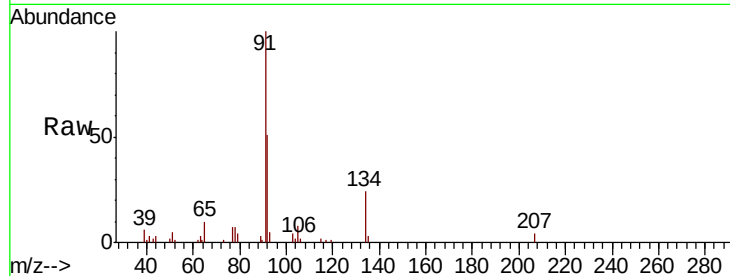




#89
n-Butylbenzene
Concen: 2.399 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

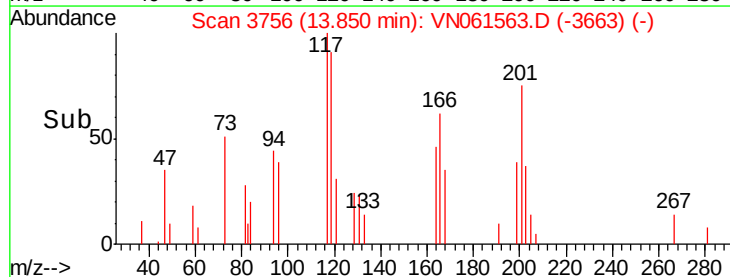
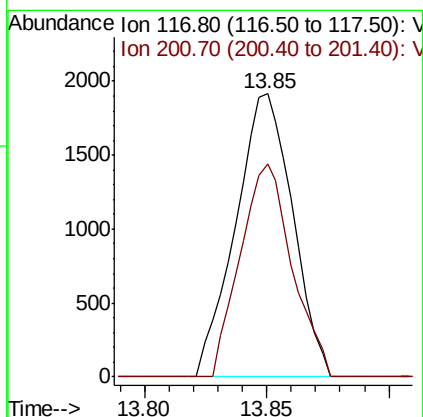
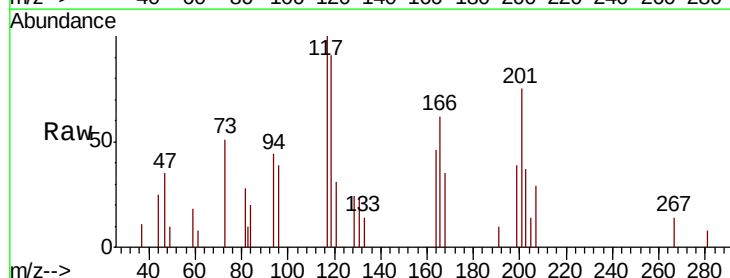
Instrument :
MSVOA_N
ClientSampleId :

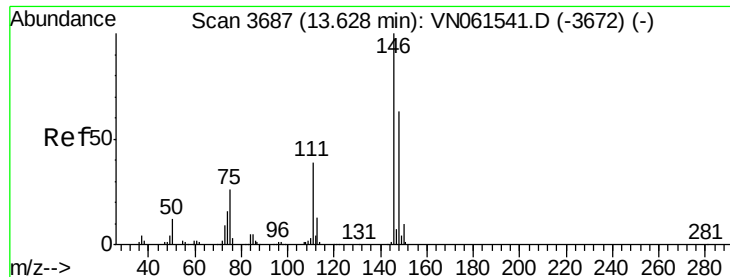
Tot Ion: 91 Resp: 24721
Ion Ratio Lower Upper
91 100
92 53.2 27.2 81.6
134 25.2 14.0 42.0



#90
Hexachloroethane
Concen: 2.280 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Tgt Ion: 117 Resp: 3102
Ion Ratio Lower Upper
117 100
201 68.4 36.7 110.1

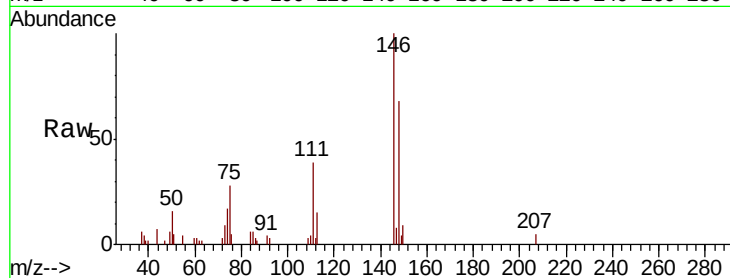




#91
 1,2-Dichlorobenzene
 Concen: 2.504 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.1	60.2
148	63.6	31.9	95.5

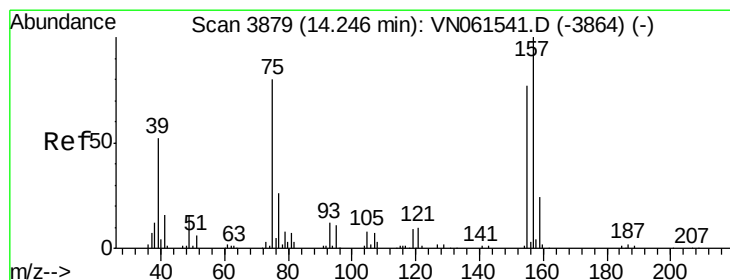
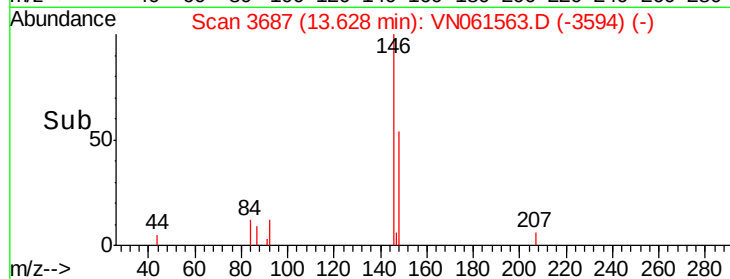
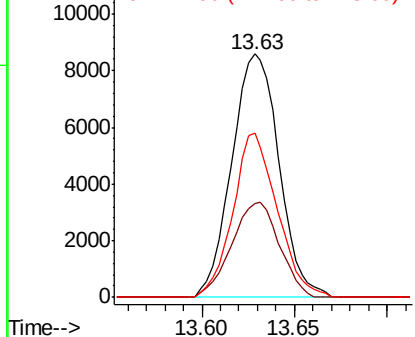


Abundance

Ion 145.90 (145.60 to 146.60): V

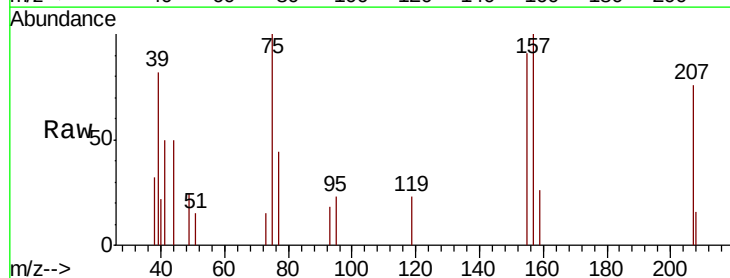
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.093 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.7	47.1	141.4
157	113.2	60.3	180.8

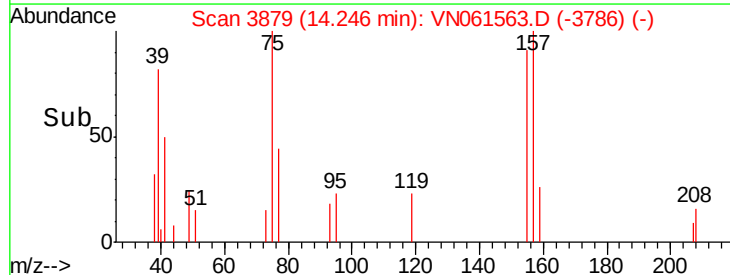
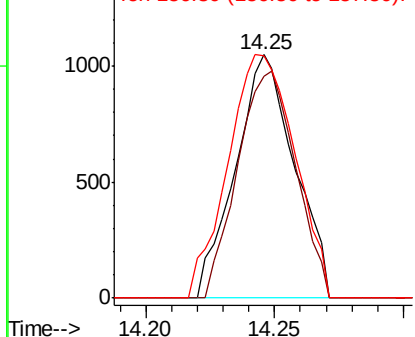


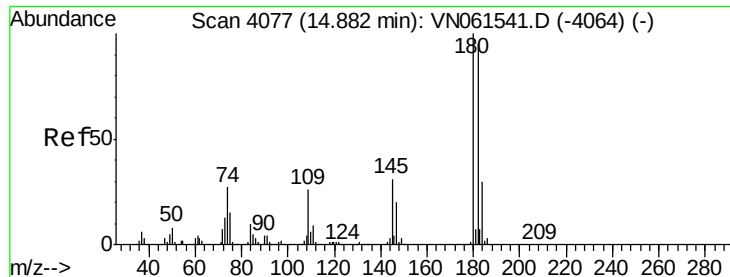
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

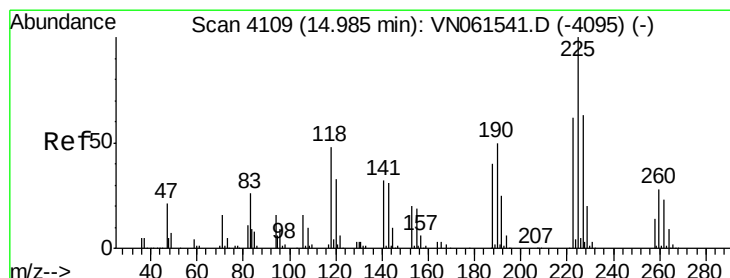
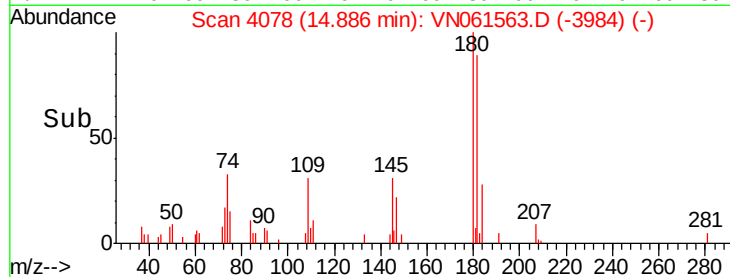
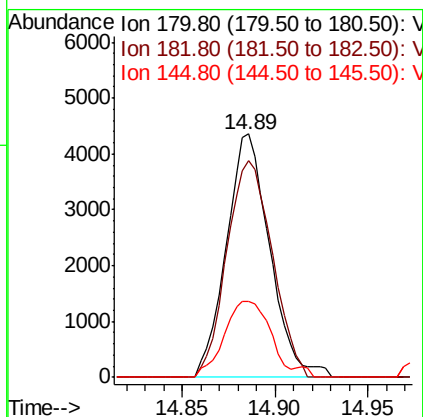
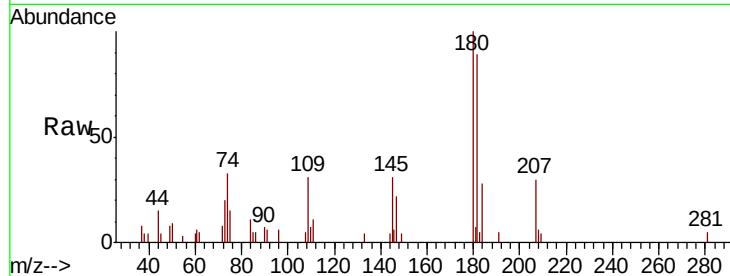




#93
 1,2,4-Trichlorobenzene
 Concen: 1.996 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

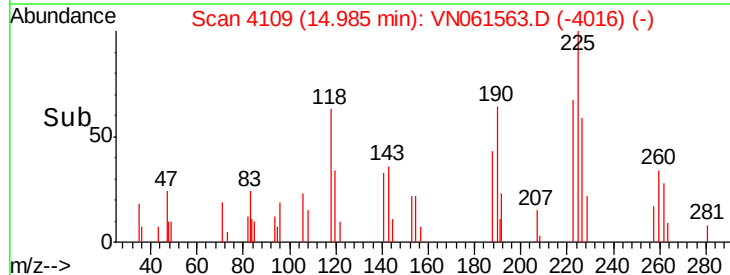
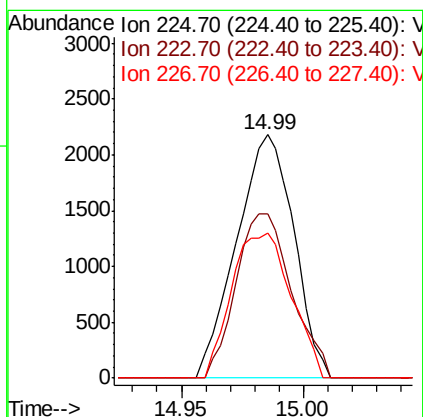
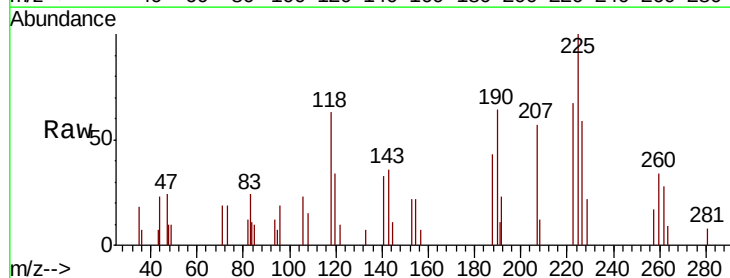
Instrument :
 MSVOA_N
 ClientSampleId :

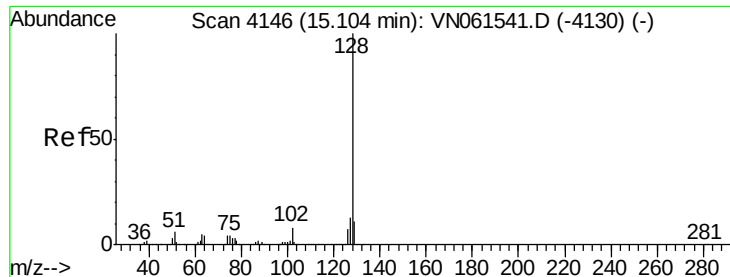
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.8	143.3
145	34.2	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 2.345 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061563.D
 Acq: 29 May 2020 13:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	31.9	95.5
227	62.0	31.9	95.9

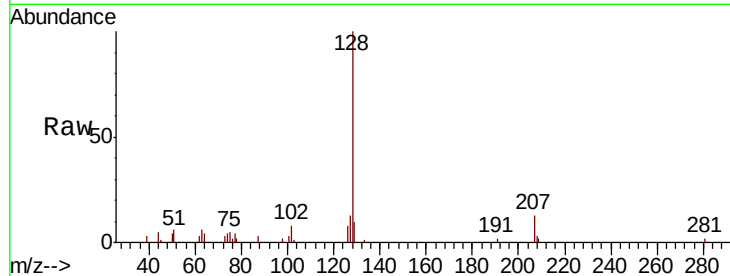




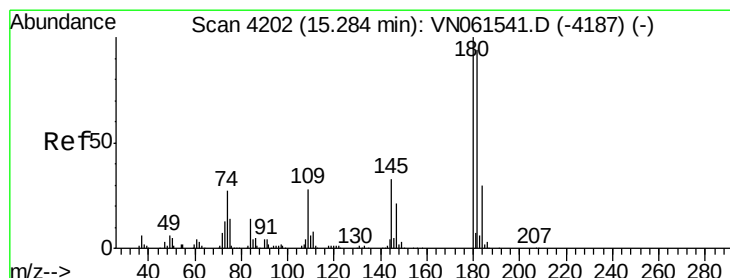
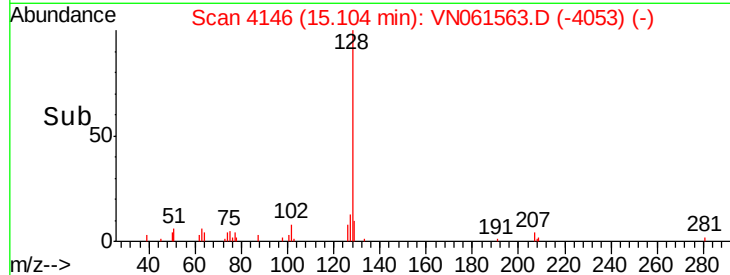
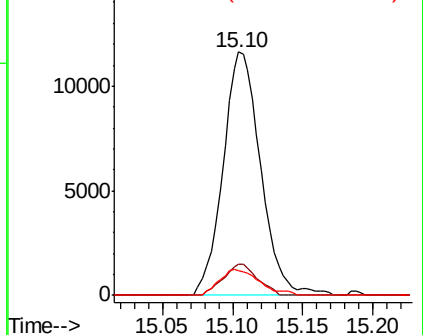
#95
Naphthalene
Concen: 2.001 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 21606
Ion Ratio Lower Upper
128 100
127 11.6 10.0 15.0
129 11.3 8.5 12.7

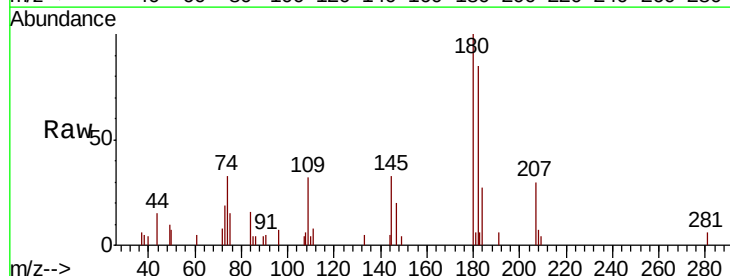


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 2.219 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061563.D
Acq: 29 May 2020 13:38

Tgt Ion:180 Resp: 7738
Ion Ratio Lower Upper
180 100
182 88.3 47.1 141.3
145 33.8 16.3 48.9



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

