

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061761.D
 Acq On : 11 Jun 2020 20:44
 Operator : JC/MD
 Sample : L2988-11MS 25X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 12 05:50:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	331846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	520697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	501957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	263946	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	177268	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	
35) Dibromofluoromethane	7.55	113	138723	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
50) Toluene-d8	10.06	98	617427	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.37	95	222949	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	165517	43.356	ug/l	96
3) Chloromethane	2.03	50	163446	40.382	ug/l	100
4) Vinyl Chloride	2.16	62	234826	42.338	ug/l	99
5) Bromomethane	2.52	94	150431	47.266	ug/l	100
6) Chloroethane	2.66	64	159014	44.541	ug/l	99
7) Trichlorofluoromethane	2.98	101	298571	41.744	ug/l	99
8) Diethyl Ether	3.37	74	93684	42.836	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	155539	49.006	ug/l	97
10) Methyl Iodide	3.91	142	199589	45.300	ug/l	99
11) Tert butyl alcohol	4.73	59	133061	253.019	ug/l	100
12) 1,1-Dichloroethene	3.70	96	150978	44.525	ug/l	90
13) Acrolein	3.56	56	27150	168.187	ug/l	96
14) Allyl chloride	4.28	41	177340	40.004	ug/l	97
15) Acrylonitrile	4.93	53	327866	223.361	ug/l	100
16) Acetone	3.77	43	251559	230.377	ug/l	98
17) Carbon Disulfide	4.01	76	281284	37.704	ug/l	97
18) Methyl Acetate	4.28	43	157105	43.894	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	499739	43.243	ug/l	99
20) Methylene Chloride	4.50	84	174916	48.626	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	173454	45.359	ug/l	92
22) Diisopropyl ether	5.90	45	429364	43.944	ug/l	98
23) Vinyl Acetate	5.84	43	1562752	200.676	ug/l	96
24) 1,1-Dichloroethane	5.80	63	283000	45.677	ug/l	98
25) 2-Butanone	6.78	43	386783	206.418	ug/l	95
26) 2,2-Dichloropropane	6.78	77	229139	40.407	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	205443	47.445	ug/l	96
28) Bromochloromethane	7.15	49	105872	45.389	ug/l	93
29) Tetrahydrofuran	7.17	42	252441	204.305	ug/l	94
30) Chloroform	7.33	83	324065	47.278	ug/l	98
31) Cyclohexane	7.61	56	222581	39.945	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	291109	46.609	ug/l	99
36) 1,1-Dichloropropene	7.75	75	222154	48.194	ug/l	99
37) Ethyl Acetate	6.88	43	165023	44.449	ug/l	97
38) Carbon Tetrachloride	7.73	117	239679	53.906	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	254853	44.856	ug/l	95
40) Benzene	8.00	78	715610	50.315	ug/l	100
41) Methacrylonitrile	7.17	41	236377	138.963	ug/l #	8
42) 1,2-Dichloroethane	8.09	62	223996	47.043	ug/l	98
43) Isopropyl Acetate	8.13	43	285752	42.781	ug/l	97
44) Trichloroethene	8.80	130	655191	149.898	ug/l	97
45) 1,2-Dichloropropane	9.09	63	170912	50.608	ug/l	97
46) Dibromomethane	9.18	93	129734	50.088	ug/l	97
47) Bromodichloromethane	9.37	83	264018	51.449	ug/l	99
48) Methyl methacrylate	9.17	41	129308	43.028	ug/l	96
49) 1,4-Dioxane	9.17	88	66879	1436.533	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	855465	227.271	ug/l	98
52) Toluene	10.12	92	474983	51.168	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	266889	48.279	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	285634	48.054	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	190233	51.438	ug/l	99
56) Ethyl methacrylate	10.40	69	247318	47.872	ug/l	97
57) 1,3-Dichloropropane	10.68	76	298014	50.383	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	83783	37.949	ug/l	99
59) 2-Hexanone	10.72	43	613852	227.079	ug/l	97
60) Dibromochloromethane	10.87	129	225072	53.531	ug/l	99
61) 1,2-Dibromoethane	10.98	107	198035	51.342	ug/l	99
64) Tetrachloroethene	10.60	164	234395	49.607	ug/l	98
65) Chlorobenzene	11.41	112	530819	50.875	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	205458	52.885	ug/l	99
67) Ethyl Benzene	11.48	91	907110	50.301	ug/l	99
68) m/p-Xylenes	11.59	106	721458	100.897	ug/l	98
69) o-Xylene	11.92	106	345195	50.827	ug/l	99
70) Styrene	11.94	104	592722	52.700	ug/l	99
71) Bromoform	12.10	173	159335	53.224	ug/l #	100
73) Isopropylbenzene	12.22	105	916344	47.566	ug/l	100
74) N-amyl acetate	12.04	43	250760	41.333	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.48	83	246041	45.575	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	313842	65.390	ug/l #	100
77) Bromobenzene	12.50	156	244584	49.738	ug/l	95
78) n-propylbenzene	12.57	91	1026564	47.733	ug/l	100
79) 2-Chlorotoluene	12.65	91	597540	46.595	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	760766	47.248	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	77239	41.154	ug/l	99
82) 4-Chlorotoluene	12.75	91	629938	46.693	ug/l	99
83) tert-Butylbenzene	12.97	119	661229	46.479	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	765590	47.861	ug/l	98
85) sec-Butylbenzene	13.15	105	856572	46.725	ug/l	99
86) p-Isopropyltoluene	13.27	119	794194	47.043	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	436522	50.130	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	435259	49.066	ug/l	98
89) n-Butylbenzene	13.59	91	637546	45.087	ug/l	99
90) Hexachloroethane	13.85	117	118741	63.598	ug/l	91
91) 1,2-Dichlorobenzene	13.63	146	415987	49.988	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	43409	39.427	ug/l	91

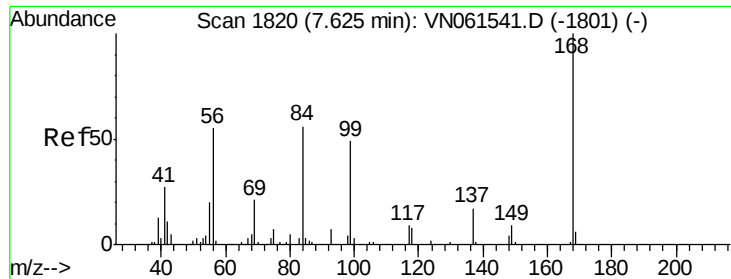
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	231814	47.631	ug/l	99
94) Hexachlorobutadiene	14.99	225	97568	47.006	ug/l	99
95) Naphthalene	15.10	128	638752	43.120	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	227890	47.625	ug/l	99

(#) = 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: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :

MSVOA_N

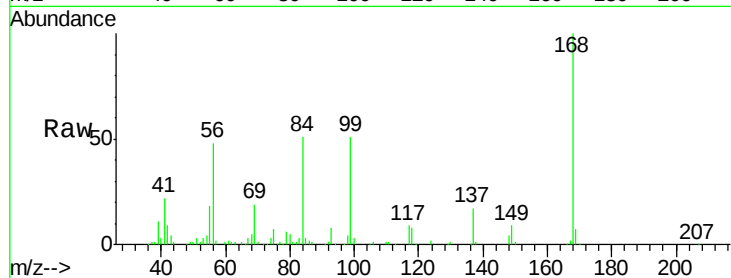
ClientSampled :

Tot Ion:168 Resp: 331846

Ion Ratio Lower Upper

168 100

99 50.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

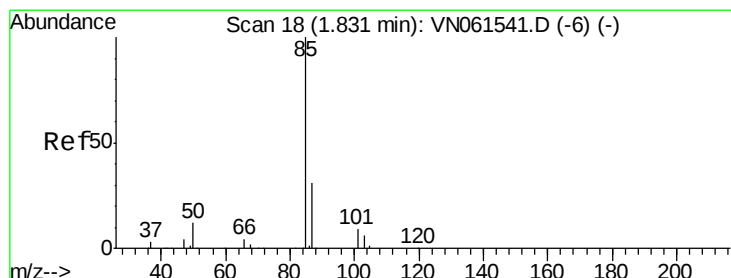
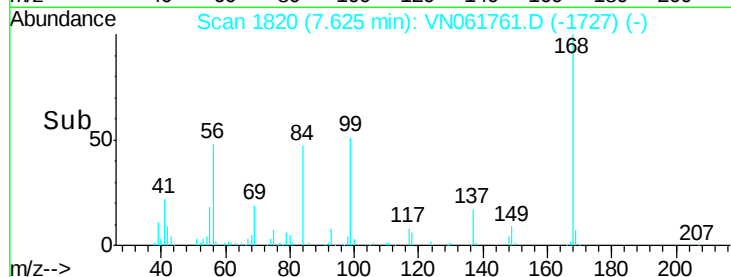
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 43.356 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061761.D

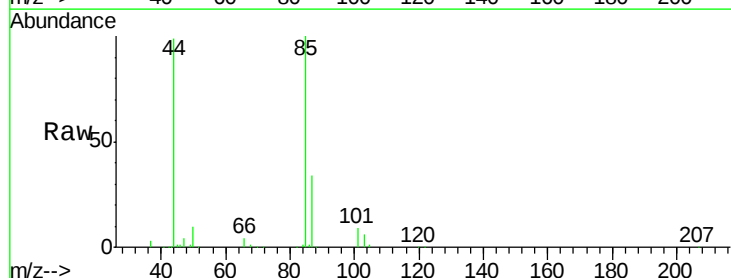
Acq: 11 Jun 2020 20:44

Tgt Ion: 85 Resp: 165517

Ion Ratio Lower Upper

85 100

87 33.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

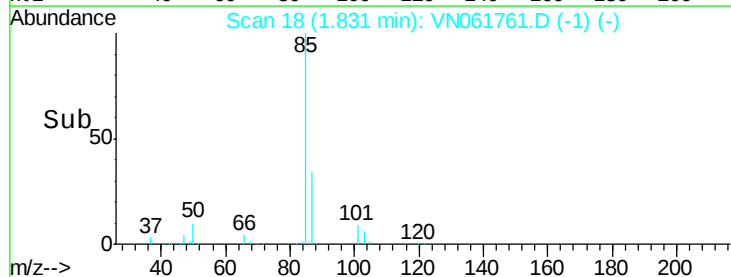
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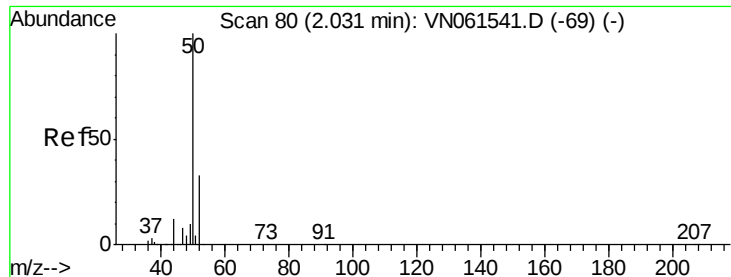
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 40.382 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :

MSVOA_N

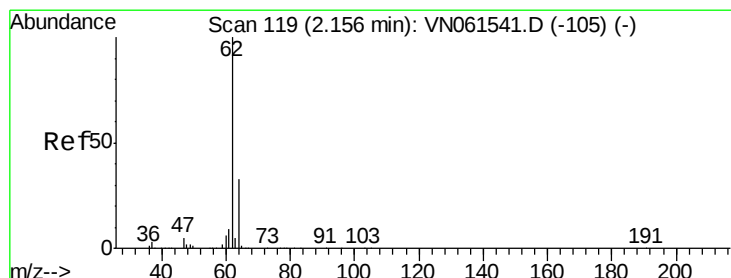
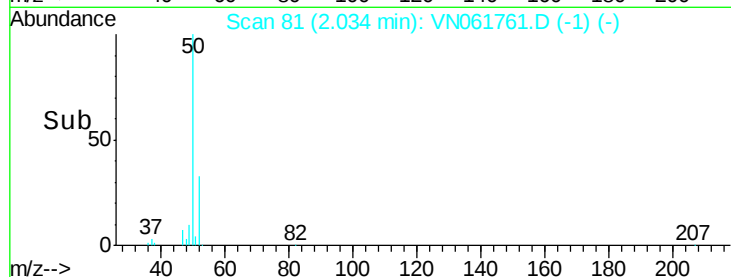
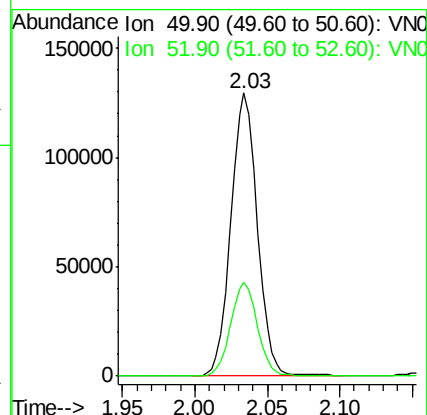
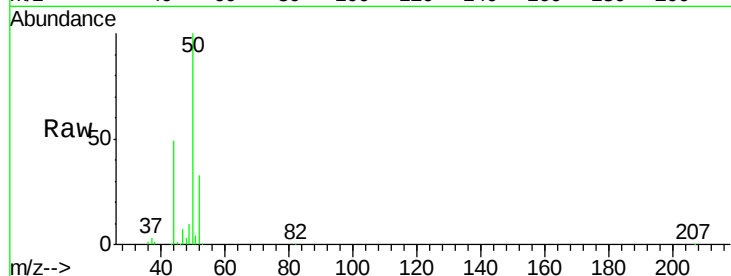
ClientSampleId :

Tot Ion: 50 Resp: 163446

Ion Ratio Lower Upper

50 100

52 33.1 26.7 40.1



#4

Vinyl Chloride

Concen: 42.338 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061761.D

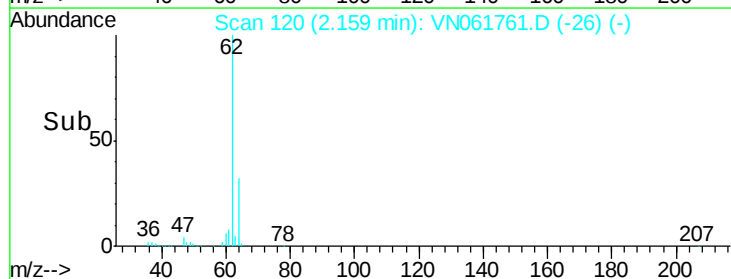
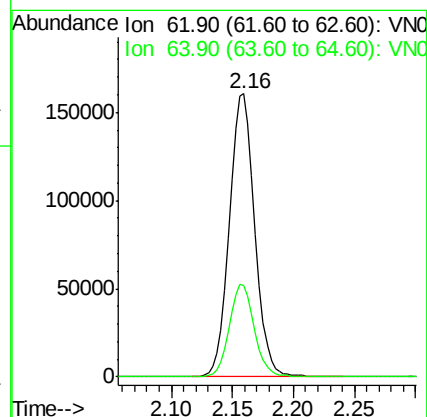
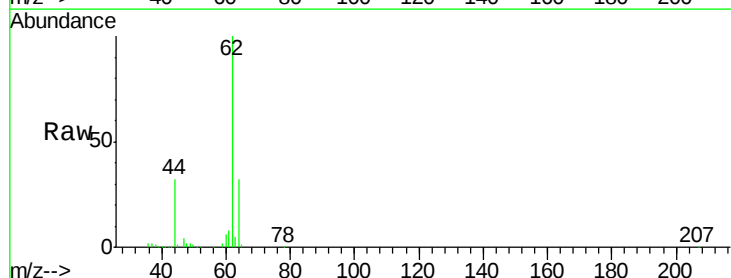
Acq: 11 Jun 2020 20:44

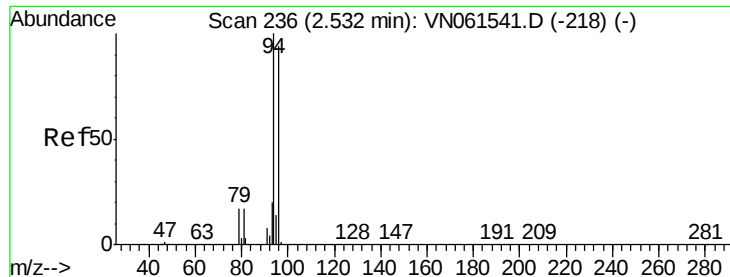
Tgt Ion: 62 Resp: 234826

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.2





#5

Bromomethane

Concen: 47.266 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.02 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :

MSVOA_N

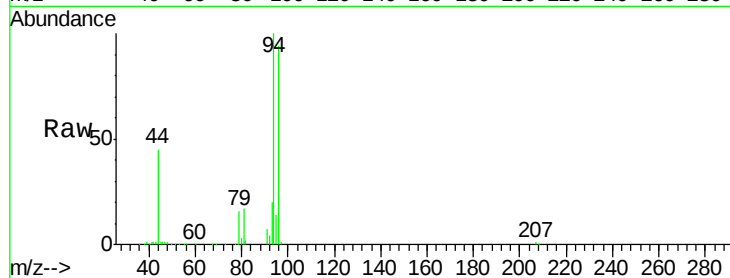
ClientSampled :

Tot Ion: 94 Resp: 150431

Ion Ratio Lower Upper

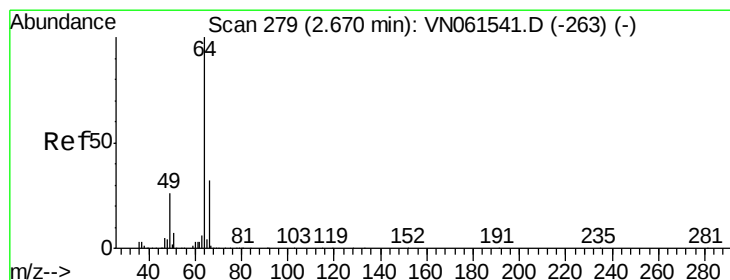
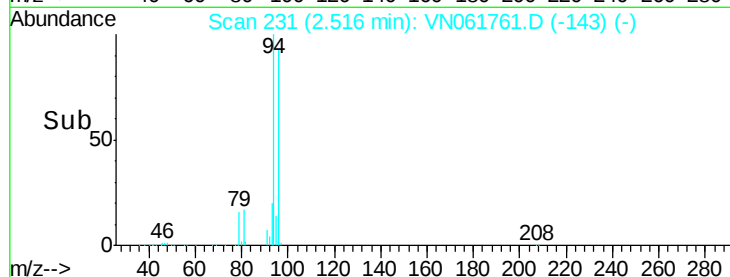
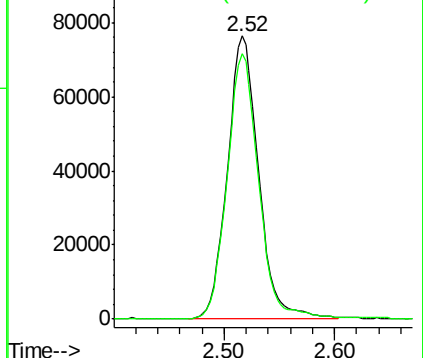
94 100

96 93.4 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 44.541 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.01 min

Lab File: VN061761.D

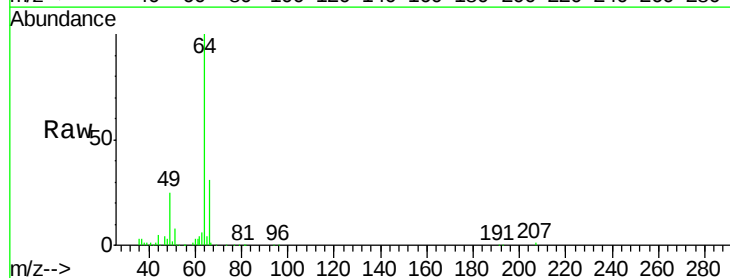
Acq: 11 Jun 2020 20:44

Tgt Ion: 64 Resp: 159014

Ion Ratio Lower Upper

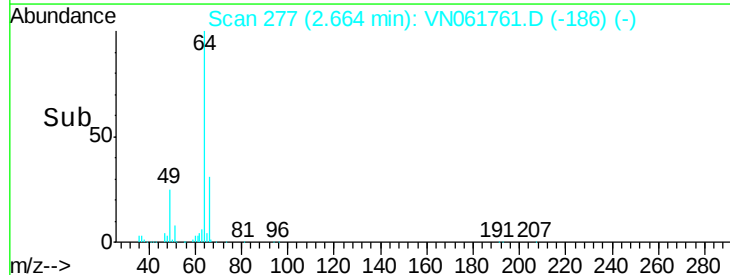
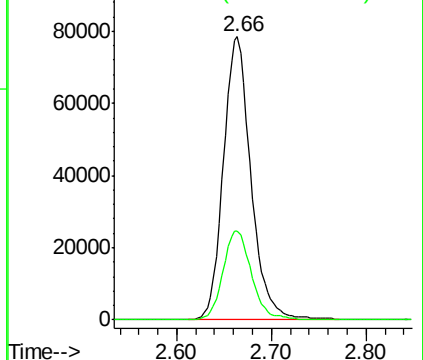
64 100

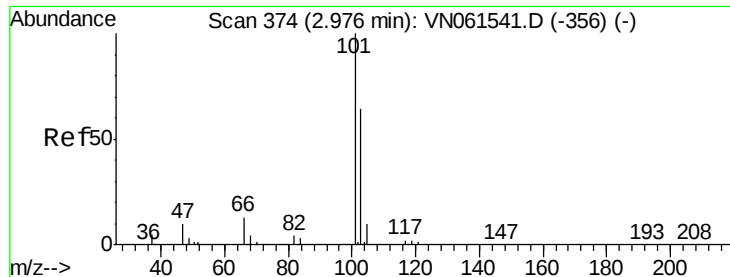
66 31.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



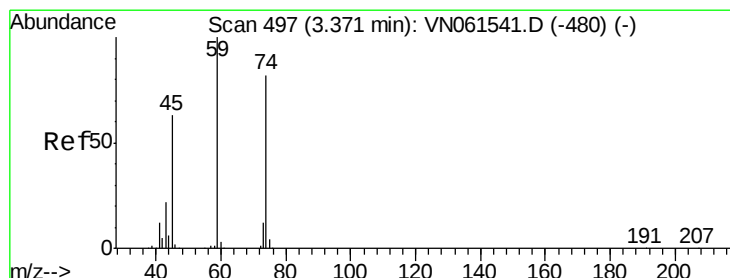
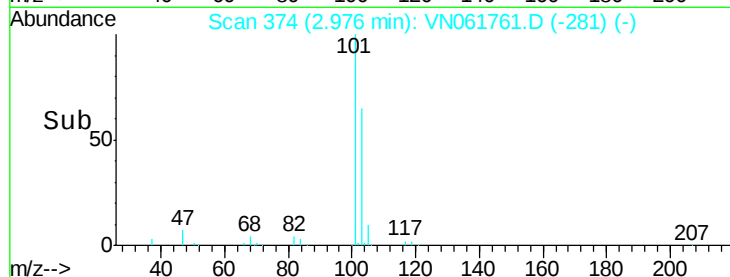
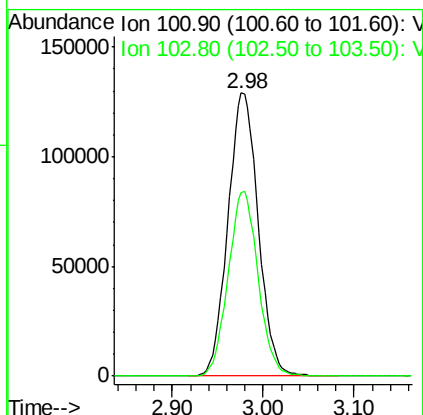
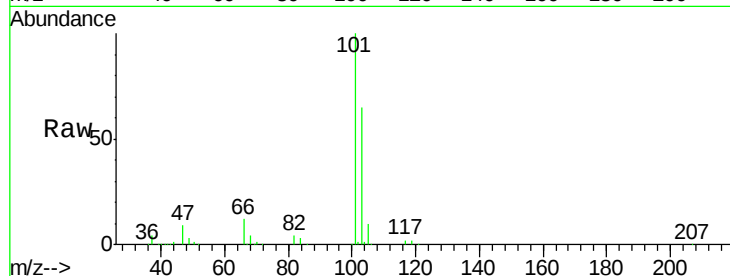


#7

Trichlorofluoromethane
Concen: 41.744 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Instrument :
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ClientSampleId :

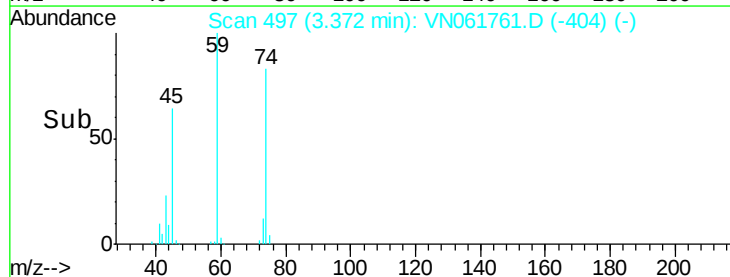
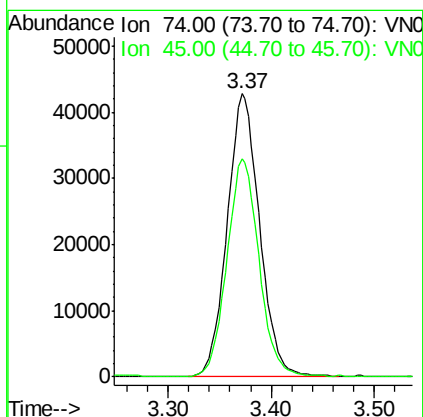
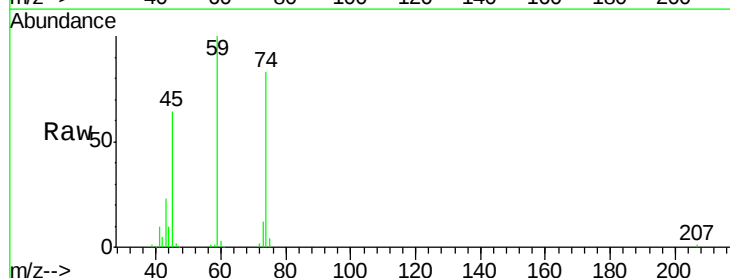
Tot Ion:101 Resp: 298571
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

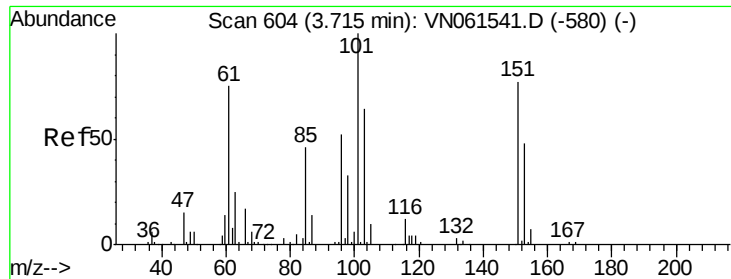


#8

Diethyl Ether
Concen: 42.836 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Tgt Ion: 74 Resp: 93684
Ion Ratio Lower Upper
74 100
45 76.2 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.006 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

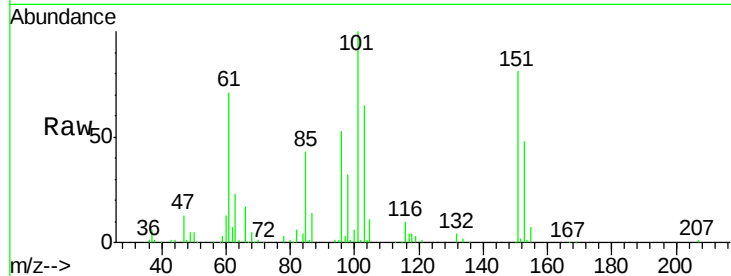
Tot Ion:101 Resp: 155539

Ion Ratio Lower Upper

101 100

85 42.7 35.2 52.8

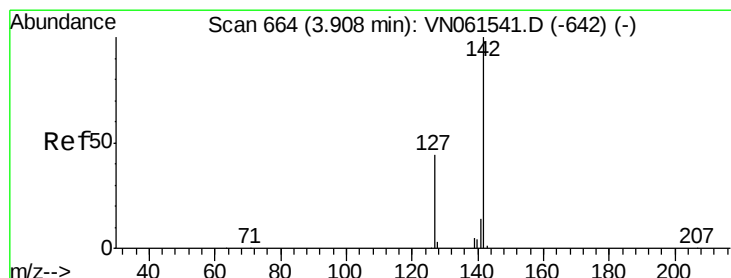
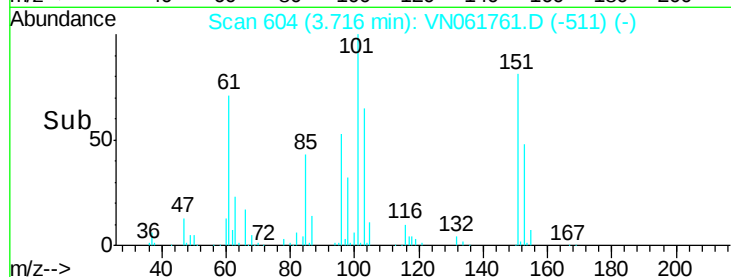
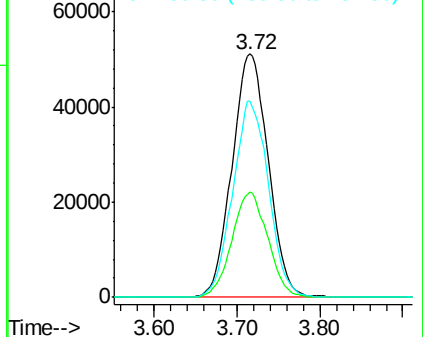
151 79.4 61.0 91.6



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: 45.300 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

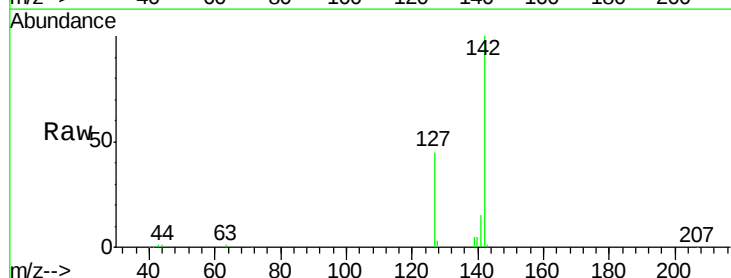
Tgt Ion:142 Resp: 199589

Ion Ratio Lower Upper

142 100

127 43.9 35.5 53.3

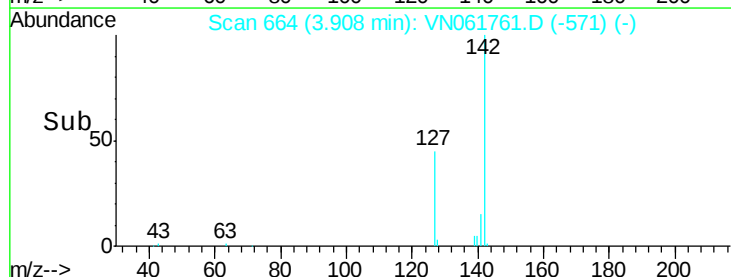
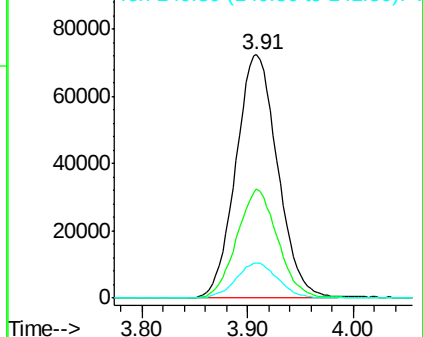
141 14.4 11.5 17.3

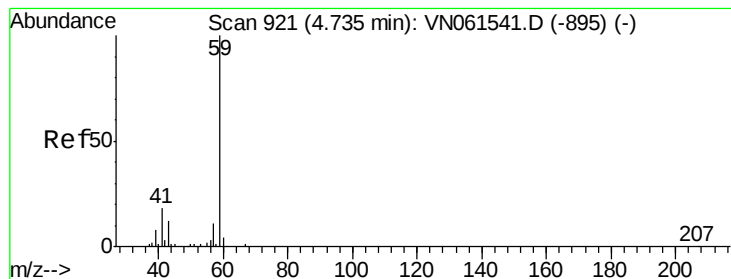


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



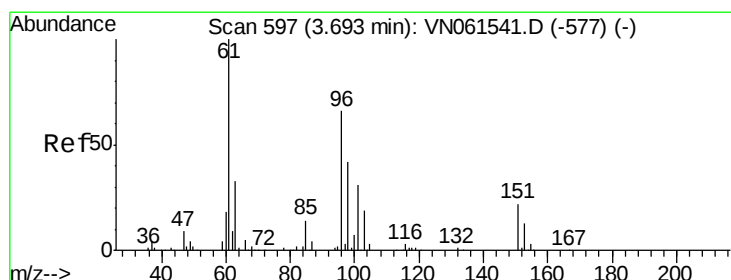
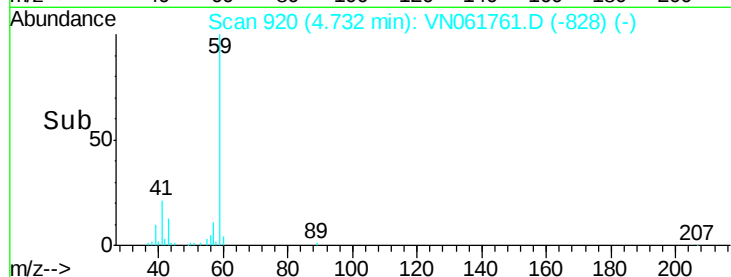
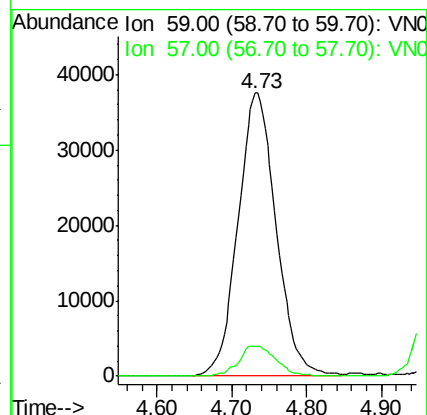
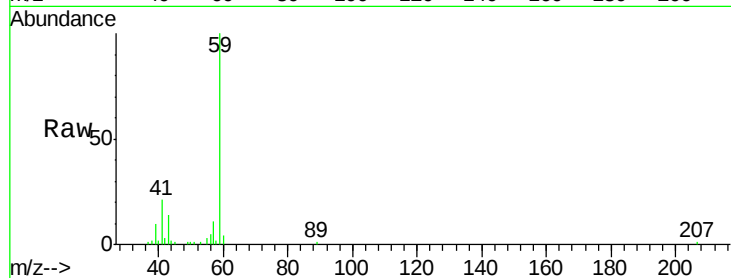


#11

Tert butyl alcohol
Concen: 253.019 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Instrument :
MSVOA_N
ClientSampleId :

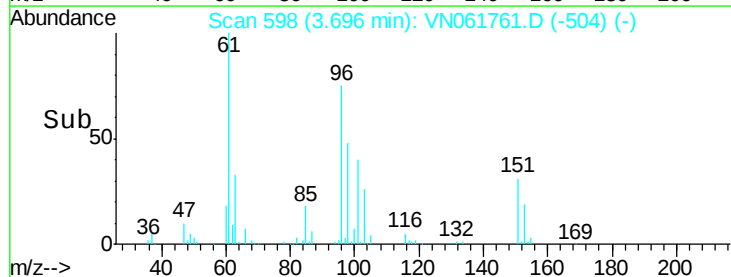
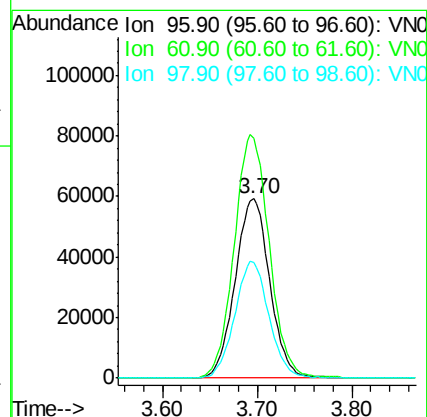
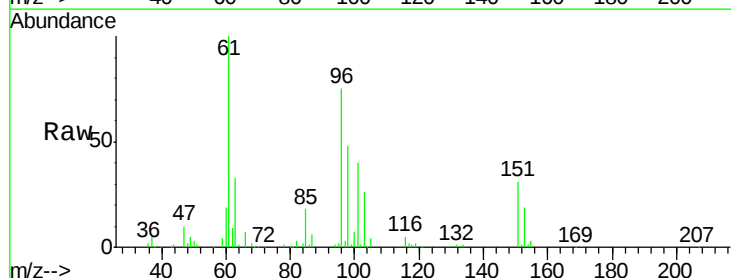
Tot Ion: 59 Resp: 133061
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

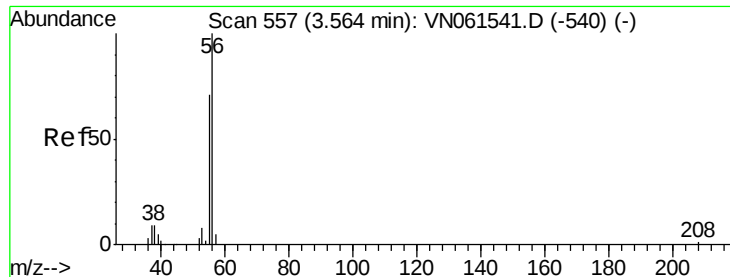


#12

1,1-Dichloroethene
Concen: 44.525 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Tgt Ion: 96 Resp: 150978
Ion Ratio Lower Upper
96 100
61 133.4 120.5 180.7
98 64.5 50.8 76.2





#13

Acrolein

Concen: 168.187 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

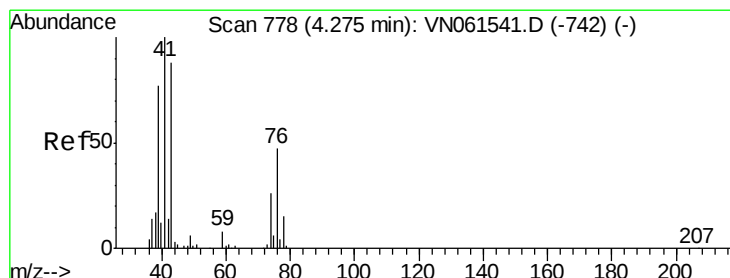
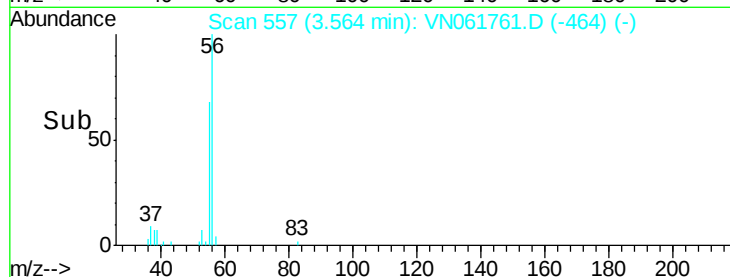
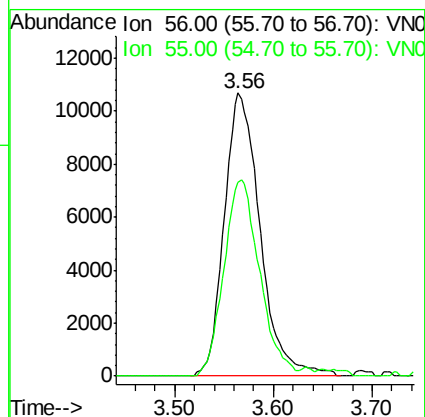
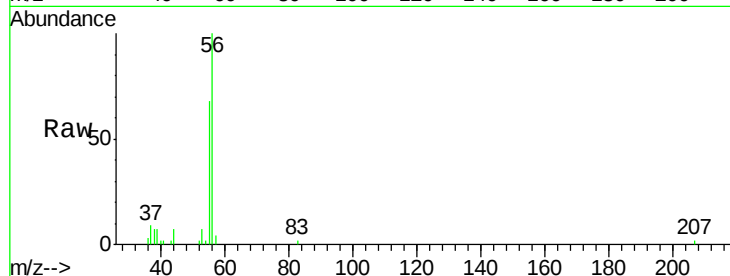
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 27150

Ion Ratio Lower Upper

56 100

55 69.0 58.0 87.0



#14

Allyl chloride

Concen: 40.004 ug/l

RT: 4.28 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

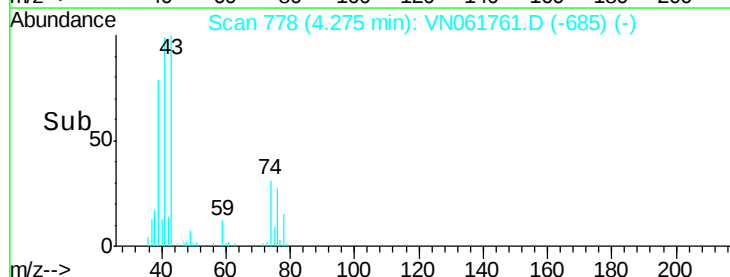
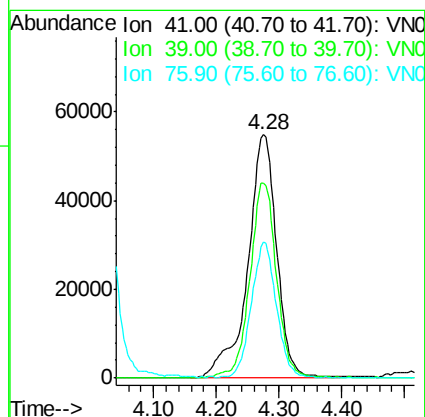
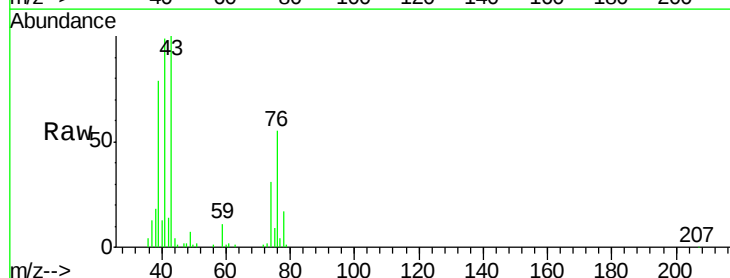
Tgt Ion: 41 Resp: 177340

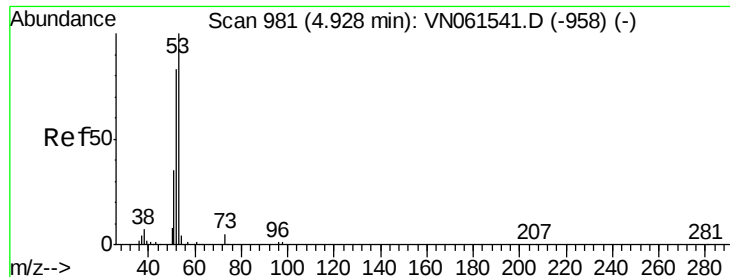
Ion Ratio Lower Upper

41 100

39 73.4 58.6 88.0

76 47.3 34.2 51.4





#15

Acrylonitrile

Concen: 223.361 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

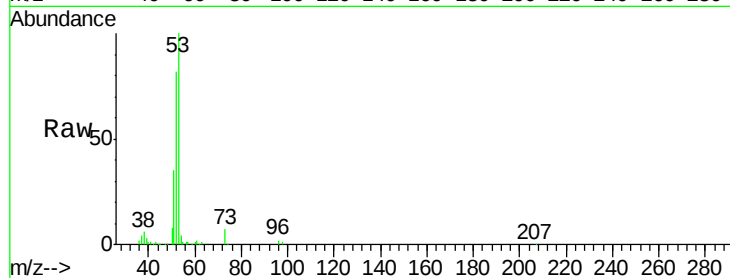
Tot Ion: 53 Resp: 327866

Ion Ratio Lower Upper

53 100

52 81.3 65.4 98.2

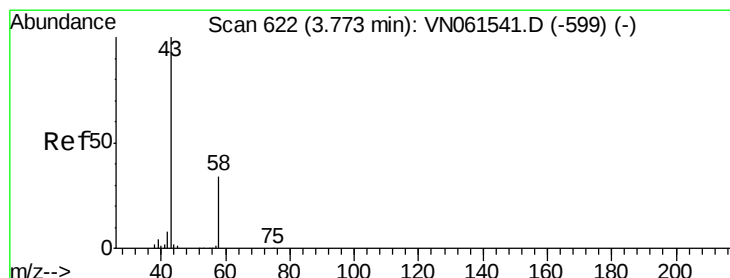
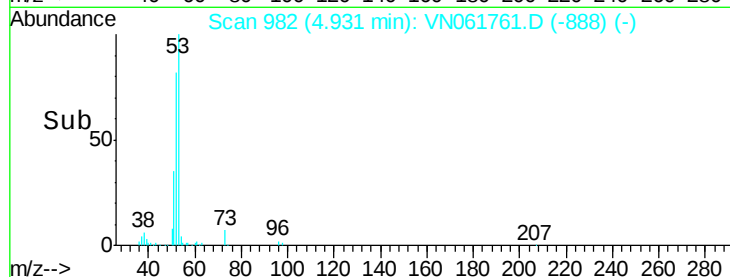
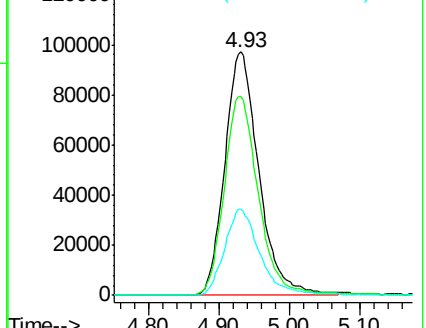
51 36.4 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN061761.D (-958) (-)

Ion 52.00 (51.70 to 52.70): VN061761.D (-958) (-)

Ion 51.00 (50.70 to 51.70): VN061761.D (-958) (-)



#16

Acetone

Concen: 230.377 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061761.D

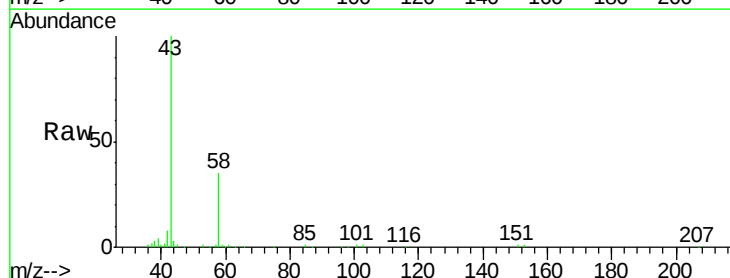
Acq: 11 Jun 2020 20:44

Tgt Ion: 43 Resp: 251559

Ion Ratio Lower Upper

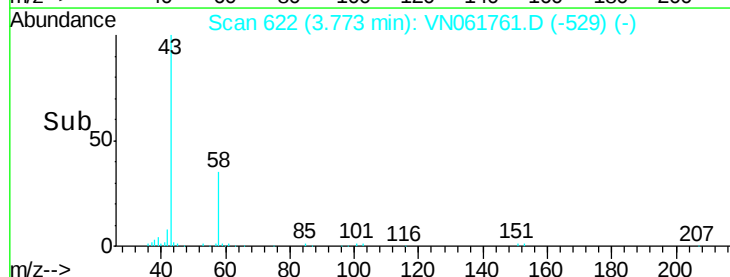
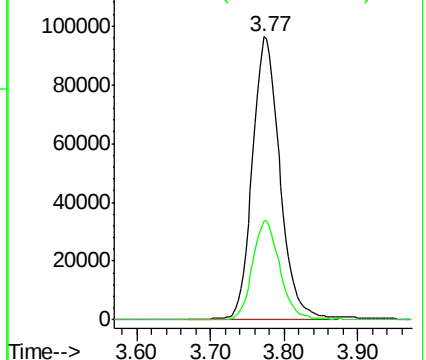
43 100

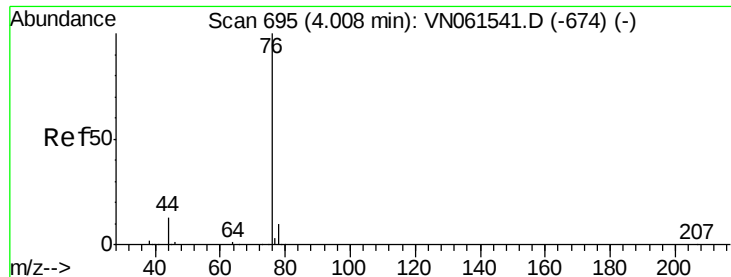
58 34.9 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061761.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061761.D (-529) (-)

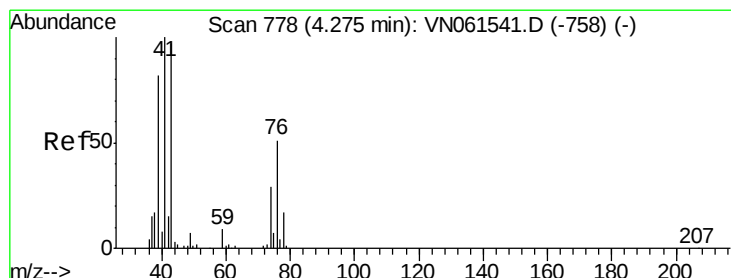
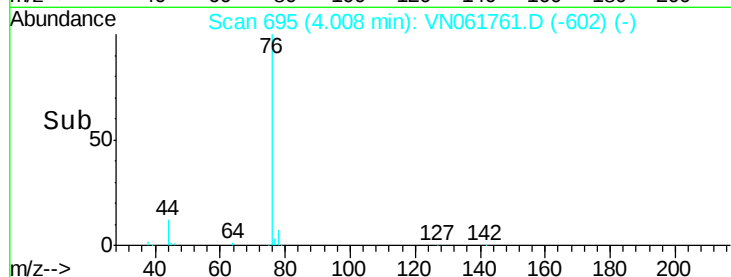
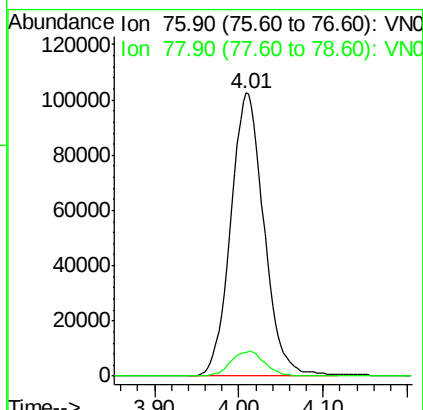
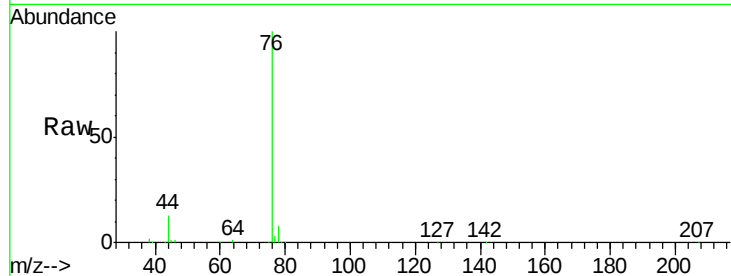




#17
Carbon Disulfide
Concen: 37.704 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

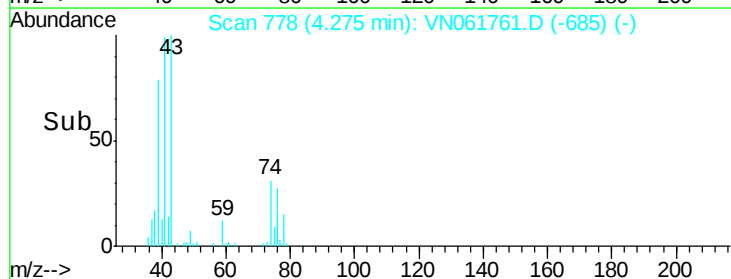
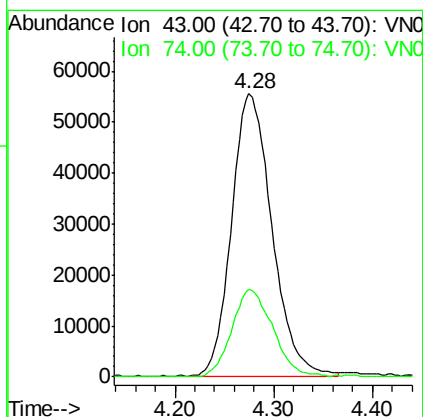
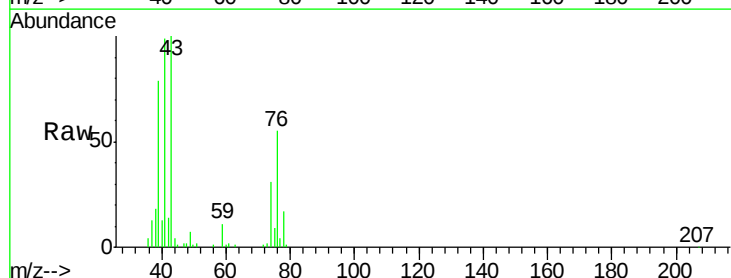
Instrument :
MSVOA_N
ClientSampled :

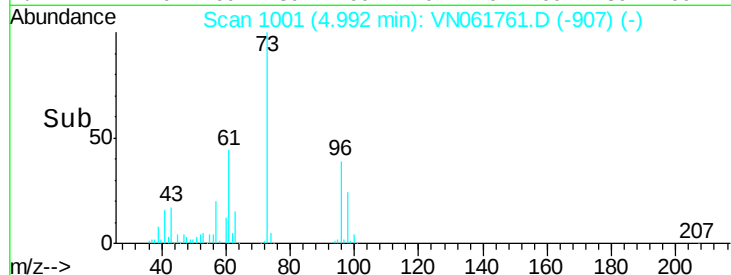
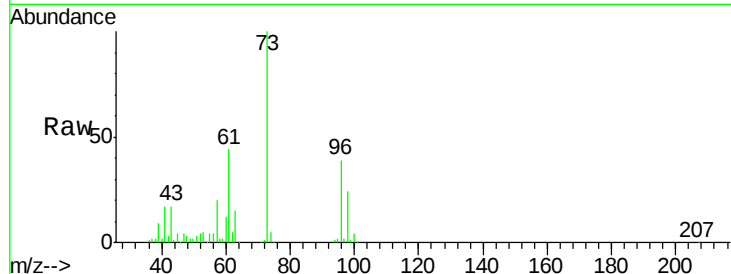
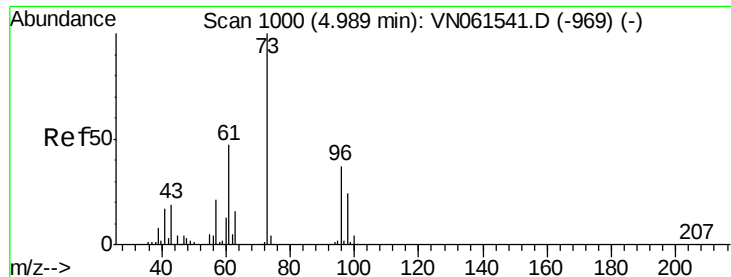
Tot Ion: 76 Resp: 281284
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.6



#18
Methyl Acetate
Concen: 43.894 ug/l
RT: 4.28 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

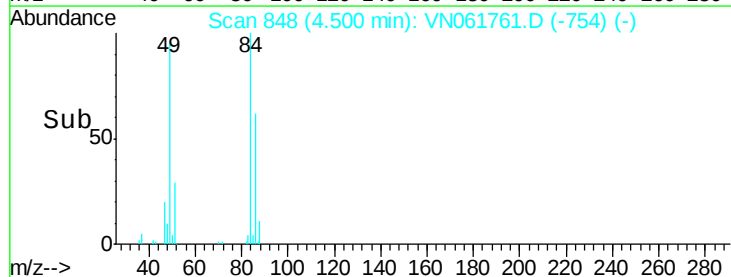
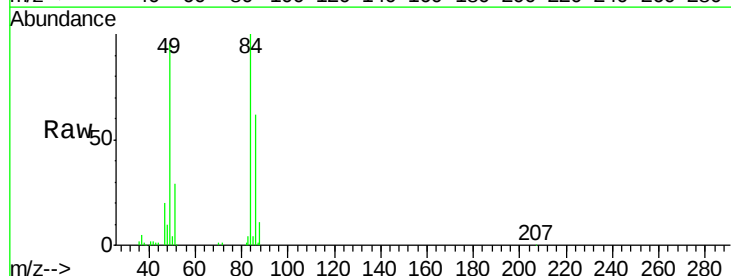
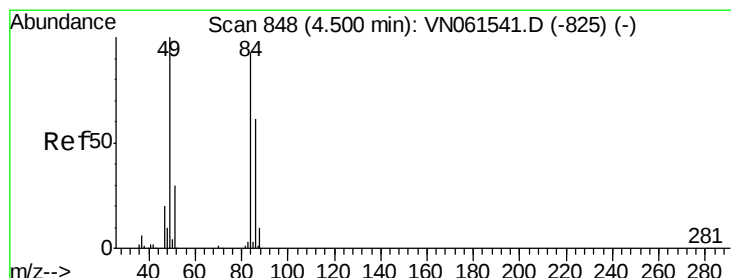
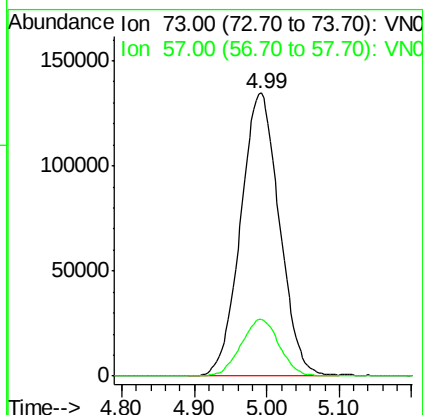
Tgt Ion: 43 Resp: 157105
Ion Ratio Lower Upper
43 100
74 31.6 23.2 34.8





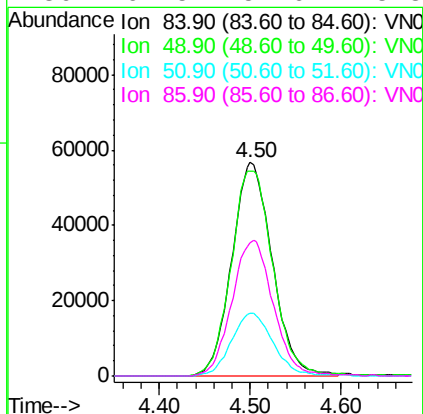
#19
Methvl tert-butvl Ether
Concen: 43.243 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

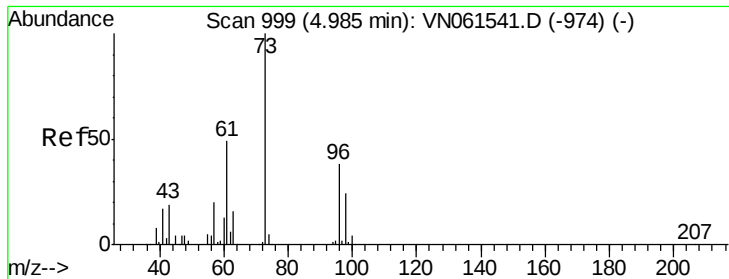
Tot Ion: 73 Resp: 499739
Ion Ratio Lower Upper
73 100
57 20.2 16.4 24.6



#20
Methylene Chloride
Concen: 48.626 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Tgt Ion: 84 Resp: 174916
Ion Ratio Lower Upper
84 100
49 96.0 85.8 128.8
51 29.4 26.2 39.2
86 62.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 45.359 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

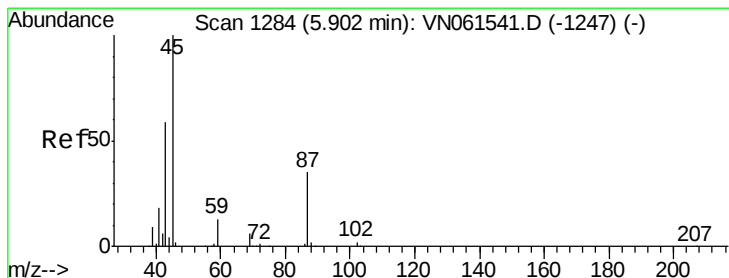
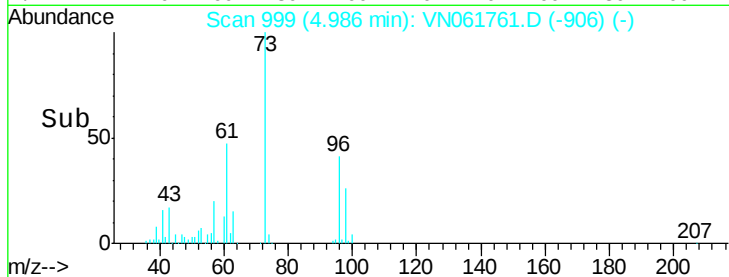
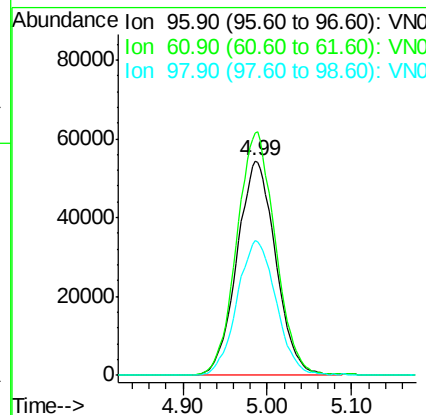
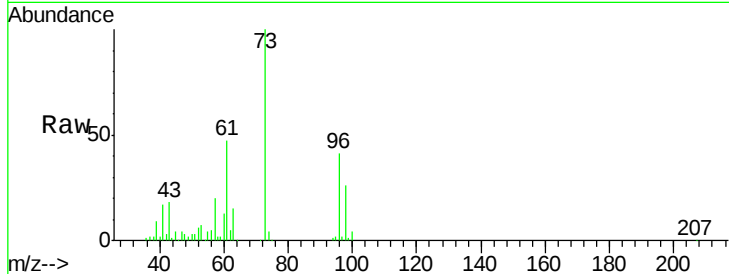
Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 173454

Ion	Ratio	Lower	Upper
96	100		
61	112.7	101.4	152.0
98	62.6	50.6	76.0



#22

Diisopropyl ether

Concen: 43.944 ug/l

RT: 5.90 min Scan# 1284

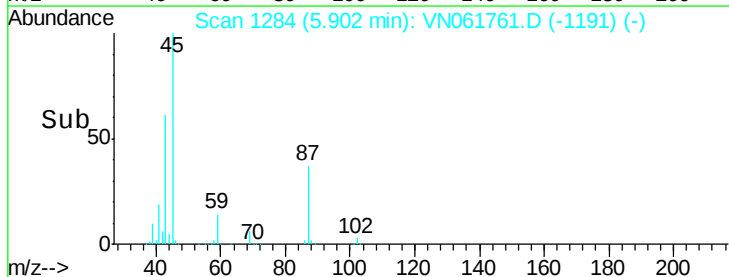
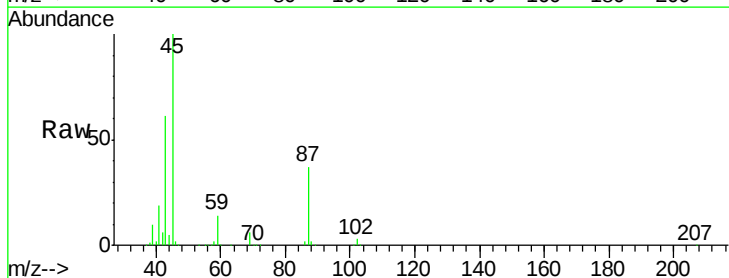
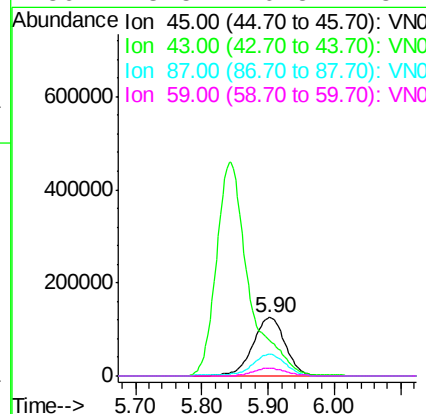
Delta R.T. 0.00 min

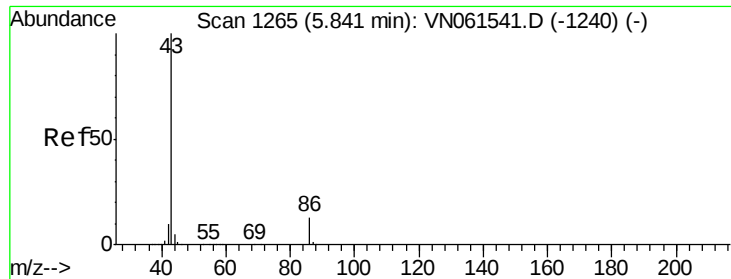
Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Tgt Ion: 45 Resp: 429364

Ion	Ratio	Lower	Upper
45	100		
43	59.2	47.9	71.9
87	37.2	28.4	42.6
59	13.5	10.5	15.7

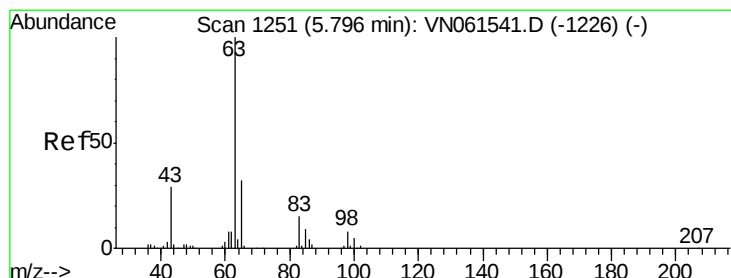
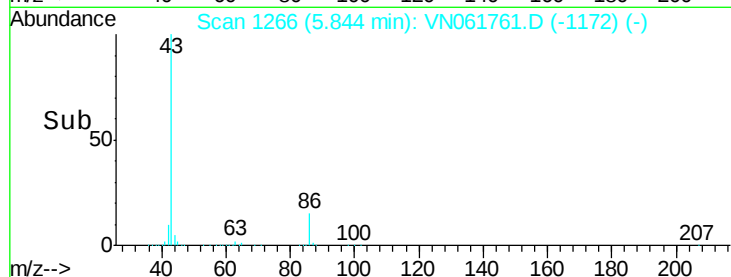
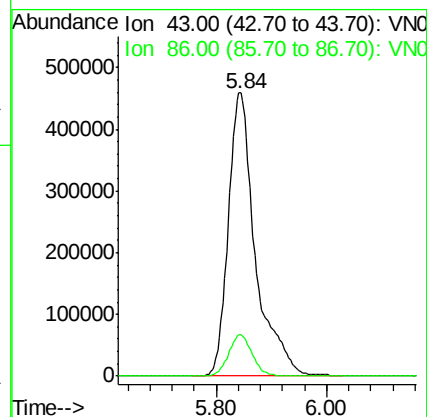
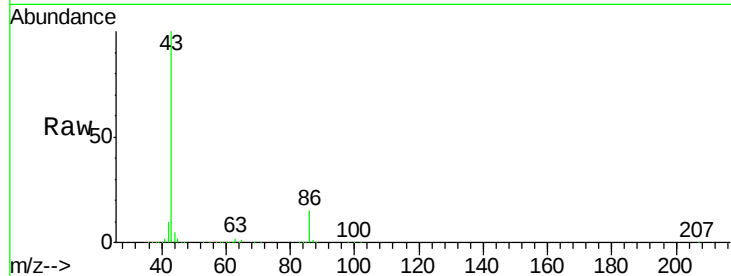




#23
 Vinyl Acetate
 Concen: 200.676 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

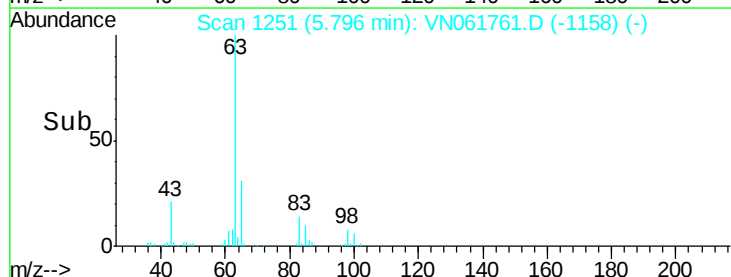
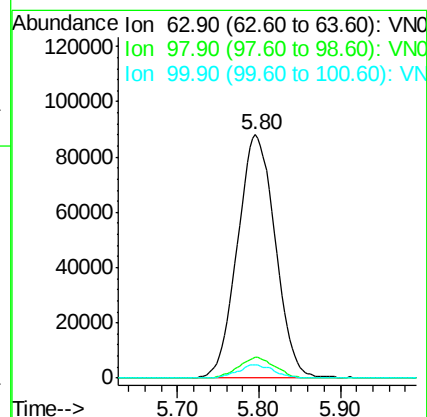
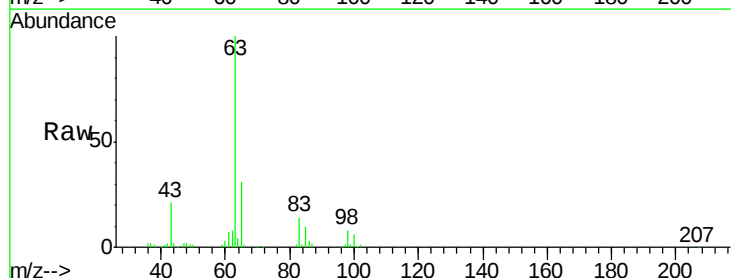
Instrument :
 MSVOA_N
 ClientSampled :

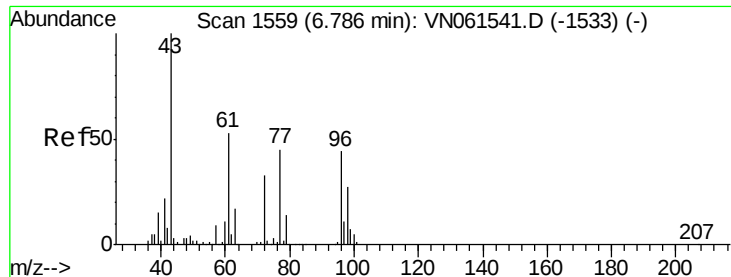
Tot Ion: 43 Resp: 1562752
 Ion Ratio Lower Upper
 43 100
 86 14.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 45.677 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

Tgt Ion: 63 Resp: 283000
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.8 11.4
 100 5.5 2.5 7.6





#25

2-Butanone

Concen: 206.418 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :

MSVOA_N

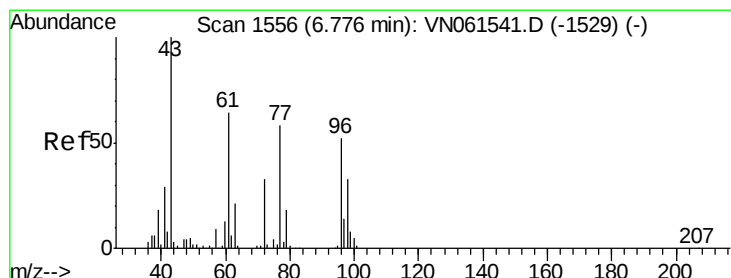
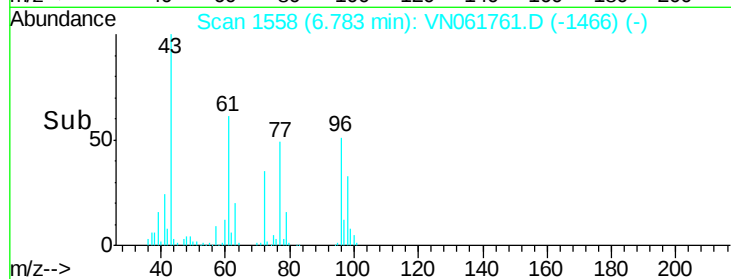
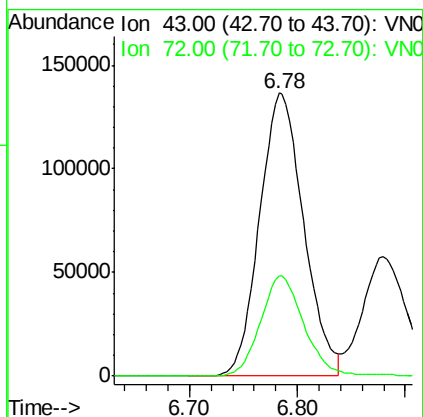
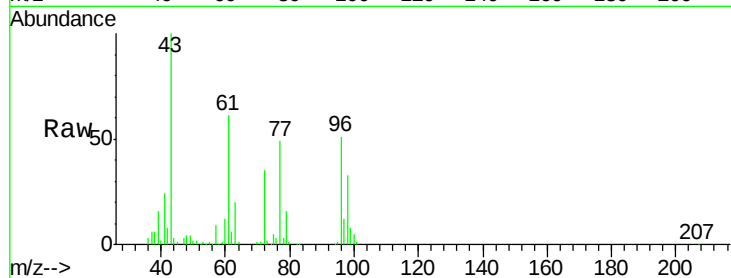
ClientSampled :

Tot Ion: 43 Resp: 386783

Ion Ratio Lower Upper

43 100

72 35.4 26.0 39.0



#26

2,2-Dichloropropane

Concen: 40.407 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN061761.D

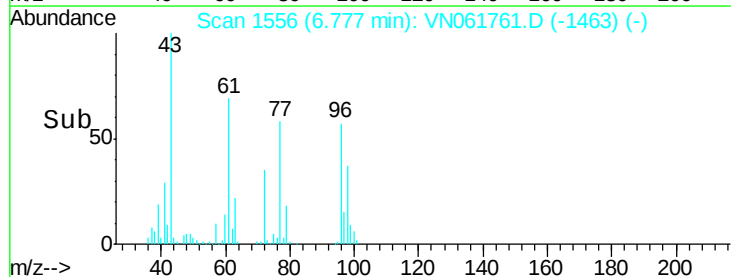
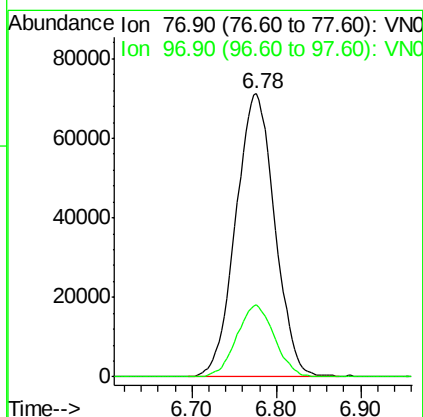
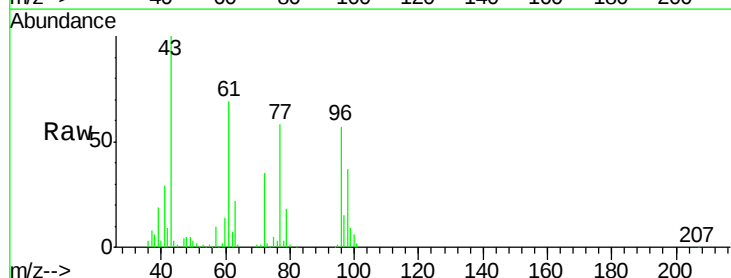
Acq: 11 Jun 2020 20:44

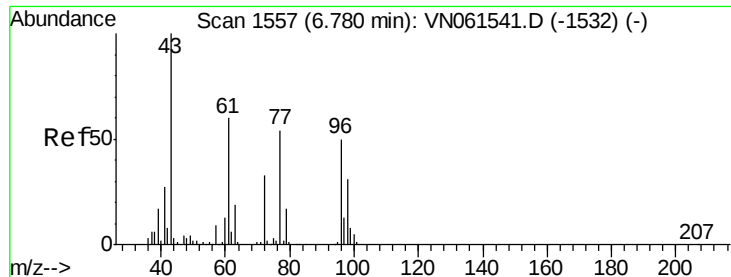
Tgt Ion: 77 Resp: 229139

Ion Ratio Lower Upper

77 100

97 24.6 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 47.445 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

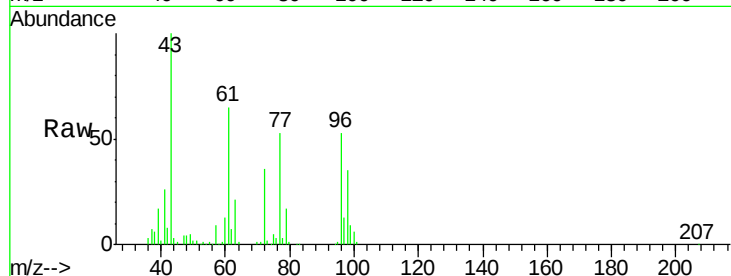
Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

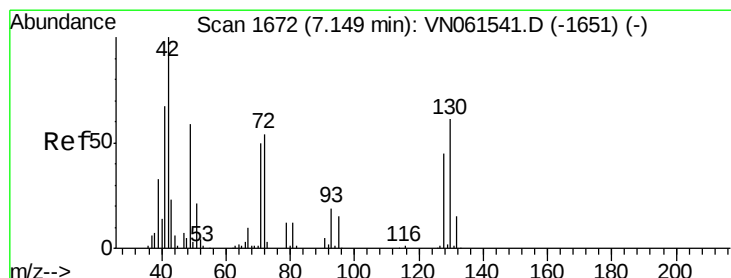
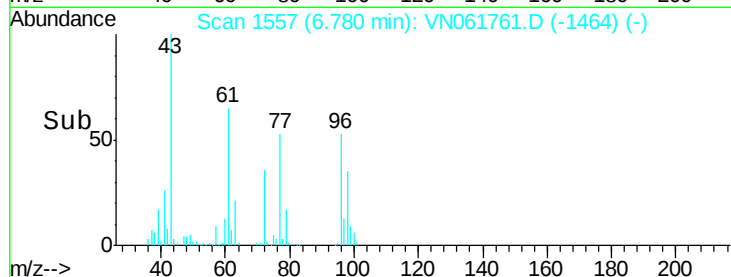
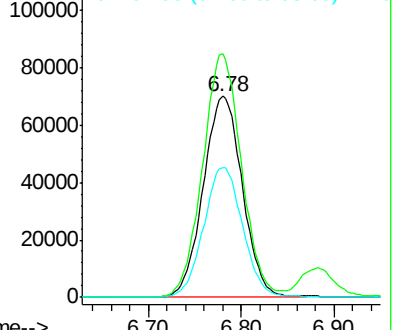
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 205443

Ion	Ratio	Lower	Upper
96	100		
61	119.8	0.0	252.2
98	64.5	0.0	129.2



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



#28

Bromochloromethane

Concen: 45.389 ug/l

RT: 7.15 min Scan# 1672

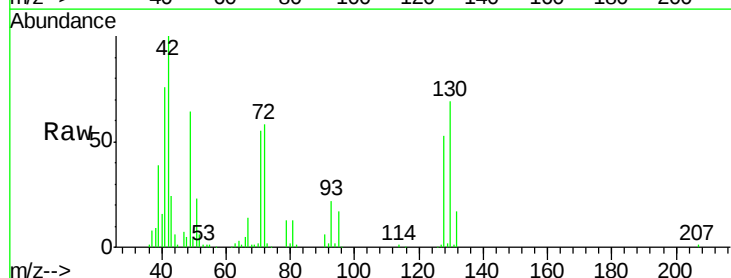
Delta R.T. 0.00 min

Lab File: VN061761.D

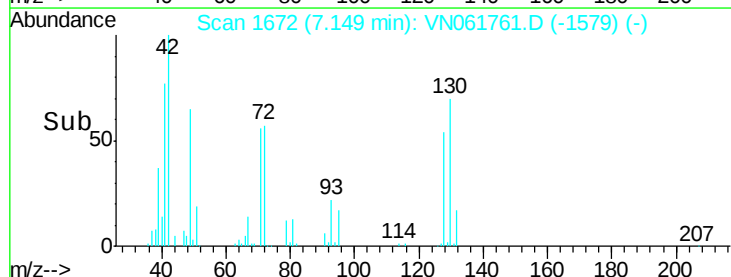
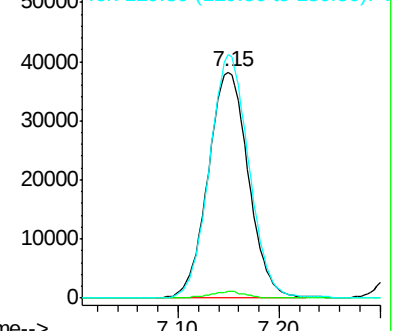
Acq: 11 Jun 2020 20:44

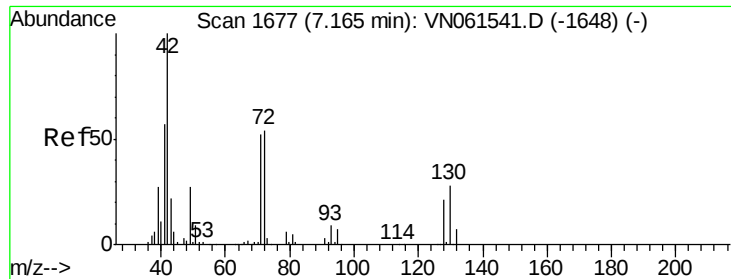
Tgt Ion: 49 Resp: 105872

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	105.2	78.8	118.2



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

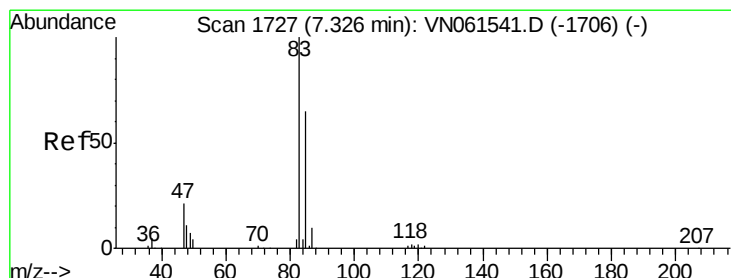
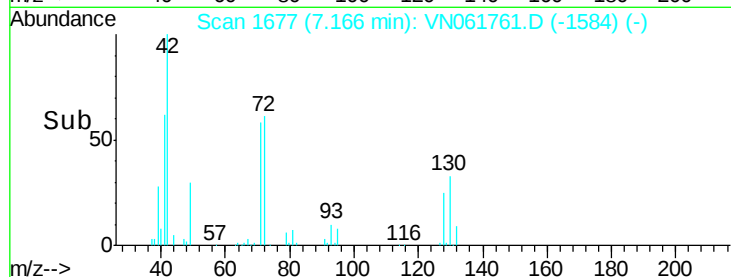
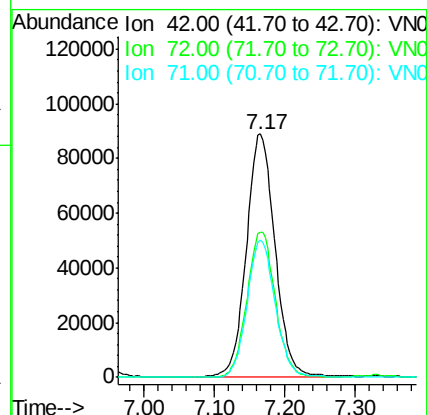
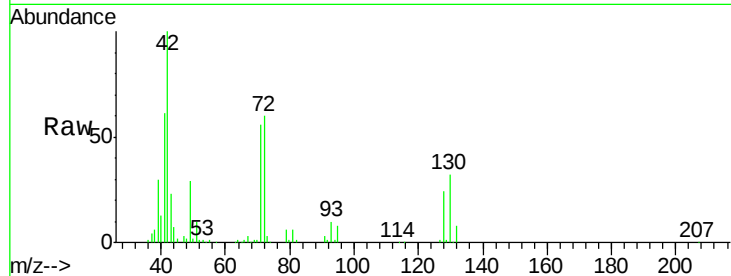




#29
Tetrahydrofuran
Concen: 204.305 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

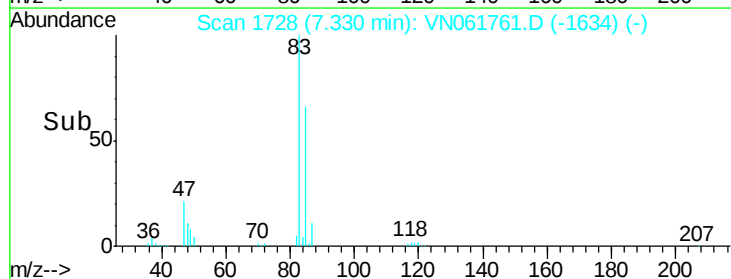
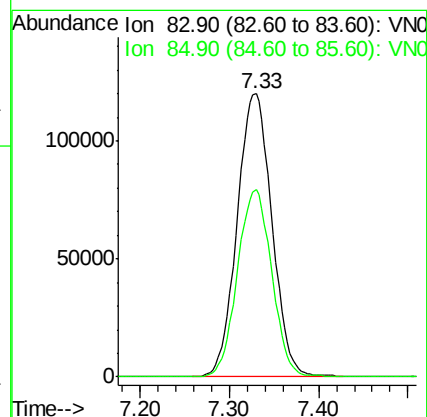
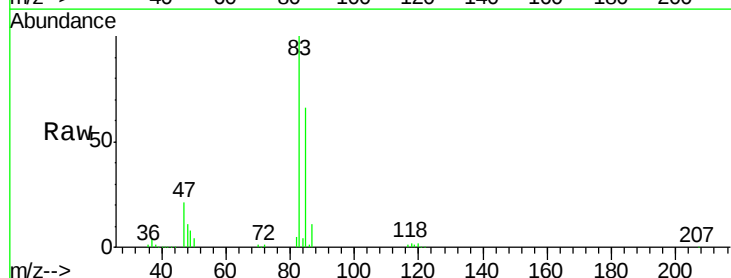
Instrument :
MSVOA_N
ClientSampleId :

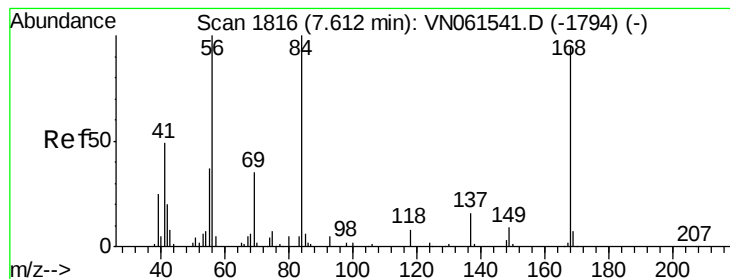
Tot Ion: 42 Resp: 252441
Ion Ratio Lower Upper
42 100
72 59.1 43.6 65.4
71 55.3 41.2 61.8



#30
Chloroform
Concen: 47.278 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Tgt Ion: 83 Resp: 324065
Ion Ratio Lower Upper
83 100
85 66.3 51.7 77.5





#31

Cyclohexane

Concen: 39.945 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :
MSVOA_N
ClientSampled :

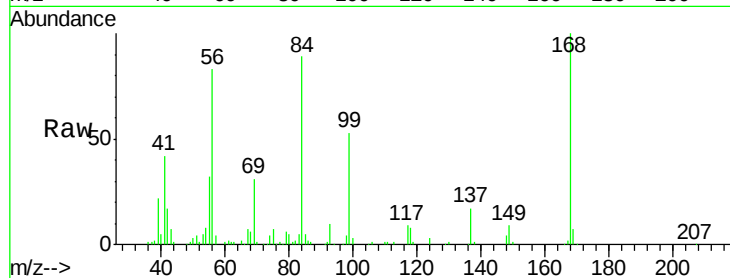
Tot Ion: 56 Resp: 222581

Ion Ratio Lower Upper

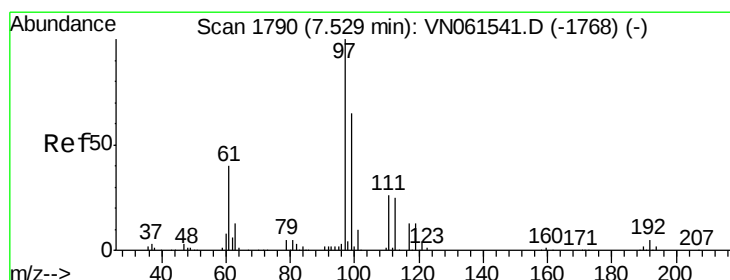
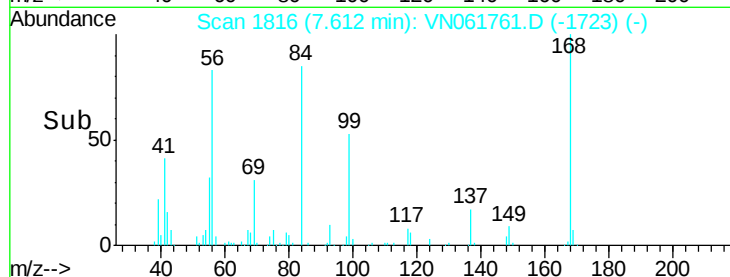
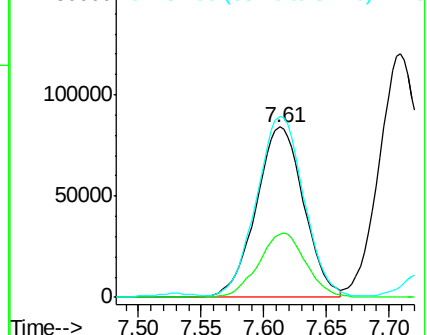
56 100

69 36.9 27.8 41.8

84 104.7 79.9 119.9



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



#32

1,1,1-Trichloroethane

Concen: 46.609 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

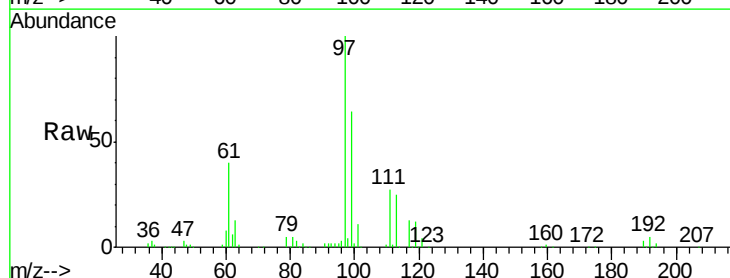
Tgt Ion: 97 Resp: 291109

Ion Ratio Lower Upper

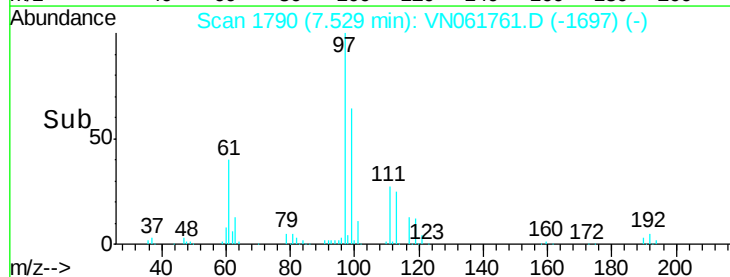
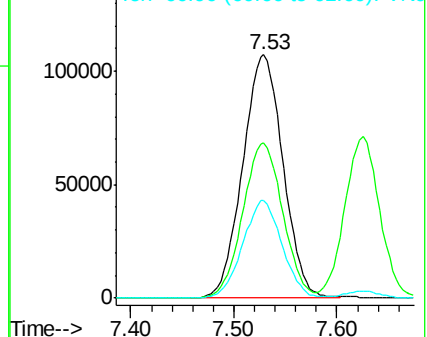
97 100

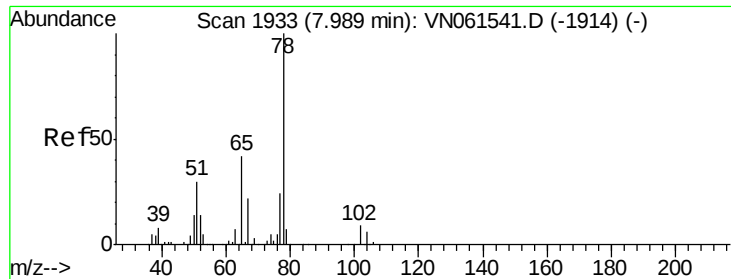
99 63.3 51.4 77.0

61 39.2 31.4 47.0



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

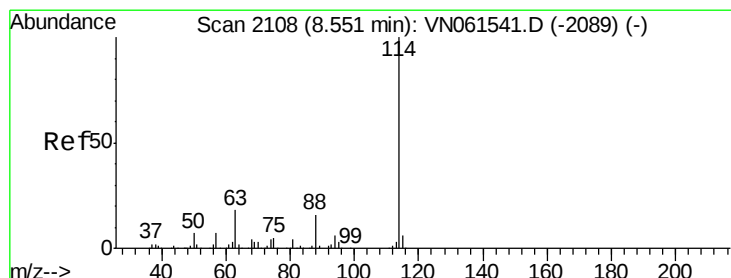
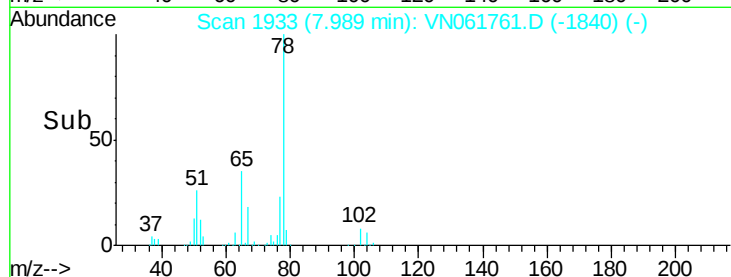
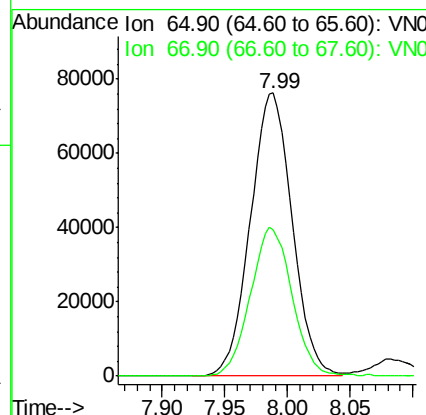
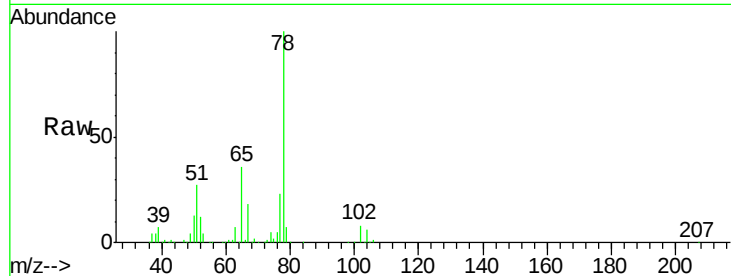




#33
 1,2-Dichloroethane-d4
 Concen: 44.836 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

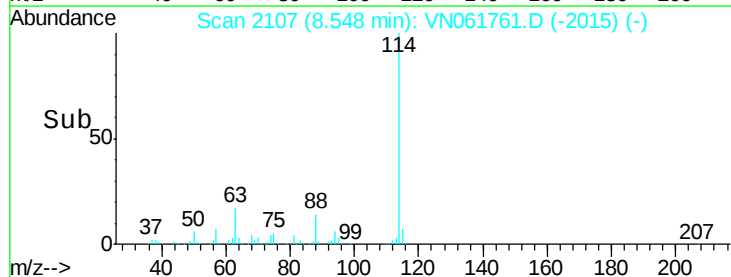
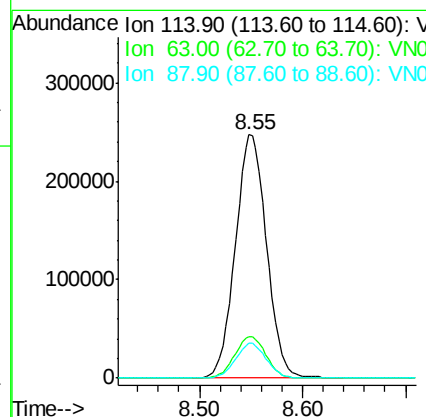
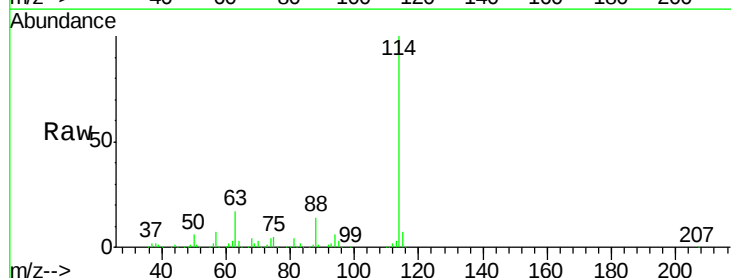
Instrument :
 MSVOA_N
 ClientSampleId :

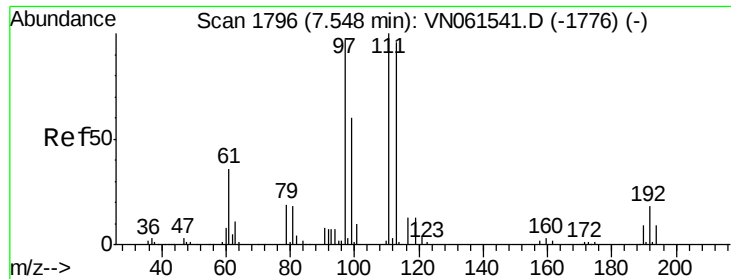
Tot Ion: 65 Resp: 177268
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

Tgt Ion:114 Resp: 520697
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.8
 88 14.2 0.0 31.0

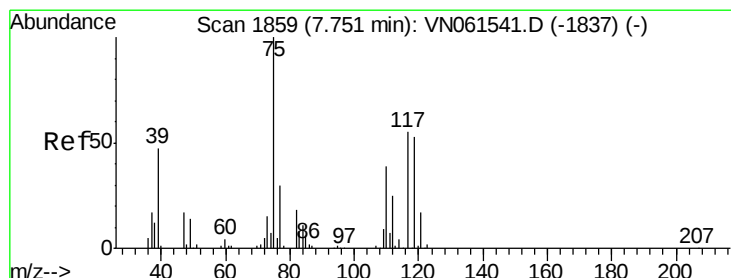
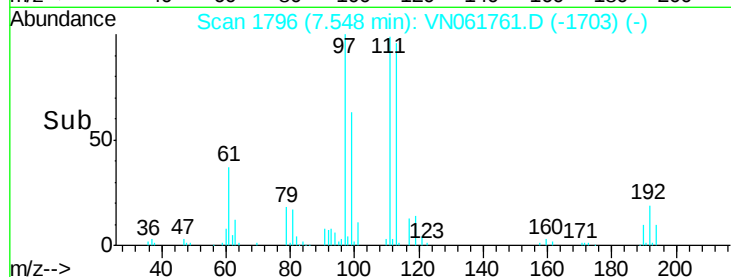
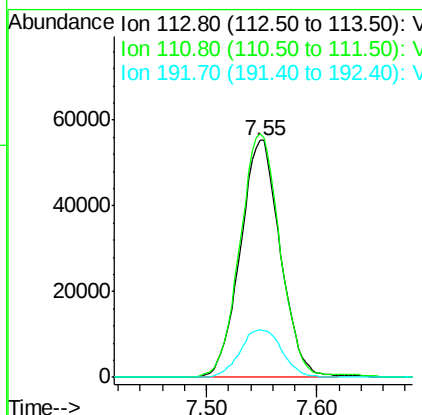
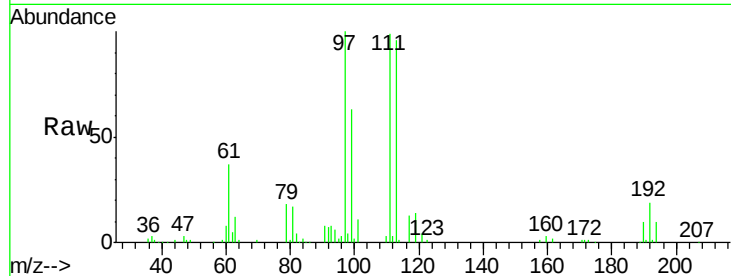




#35
 Dibromofluoromethane
 Concen: 52.519 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

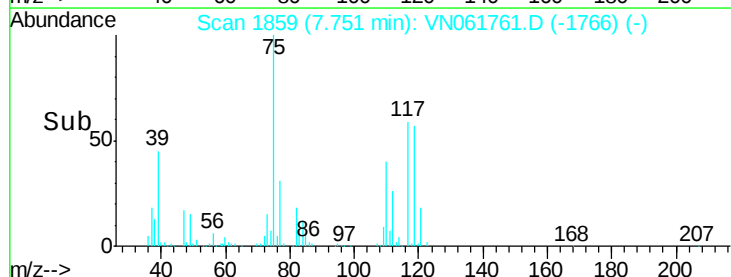
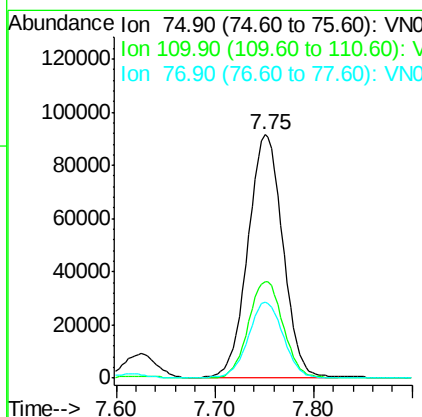
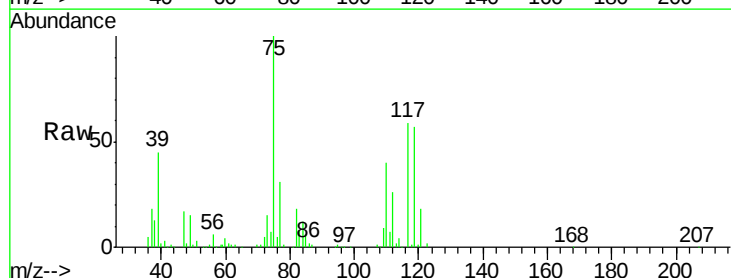
Instrument :
 MSVOA_N
 ClientSampleId :

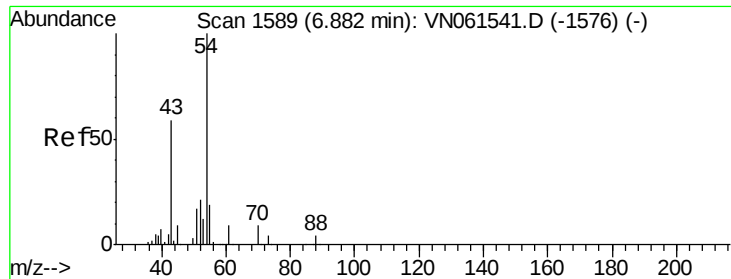
Tot Ion:113 Resp: 138723
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.4 125.0
 192 21.1 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 48.194 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

Tgt Ion: 75 Resp: 222154
 Ion Ratio Lower Upper
 75 100
 110 39.9 19.5 58.5
 77 31.4 24.7 37.1

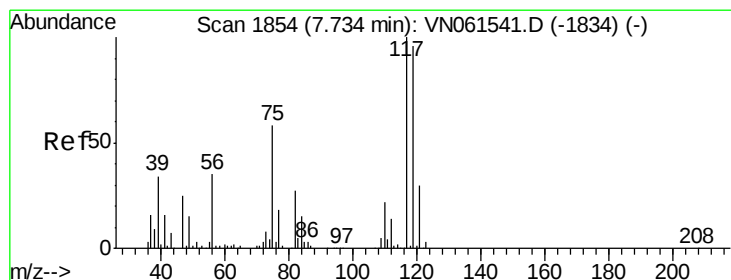
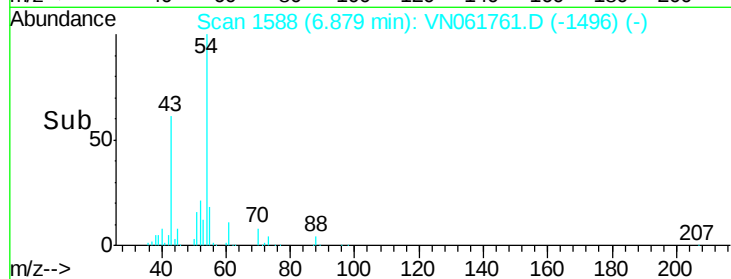
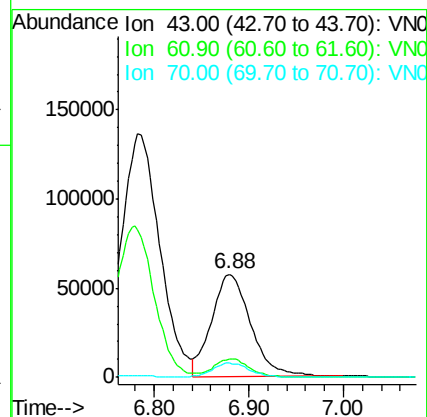
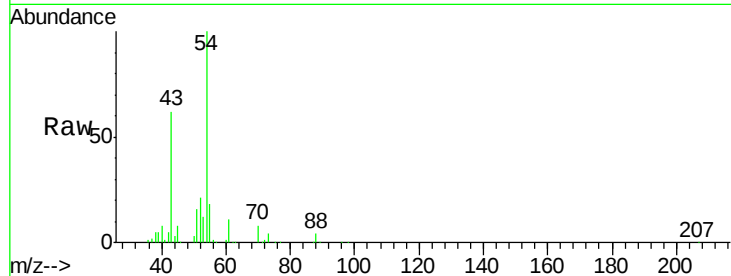




#37
Ethyl Acetate
Concen: 44.449 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

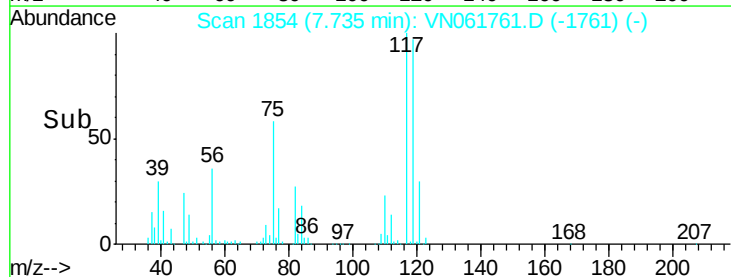
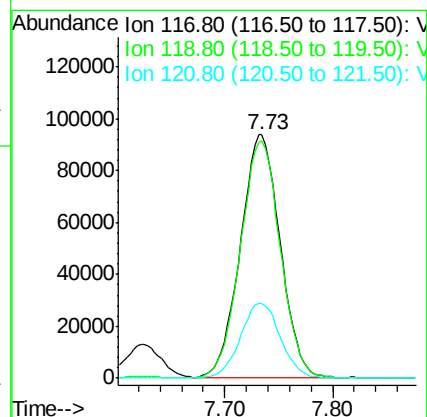
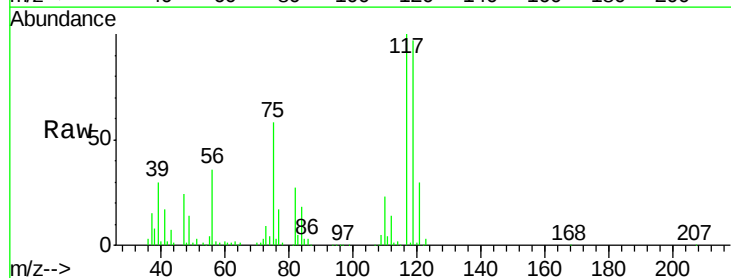
Instrument :
MSVOA_N
ClientSampleId :

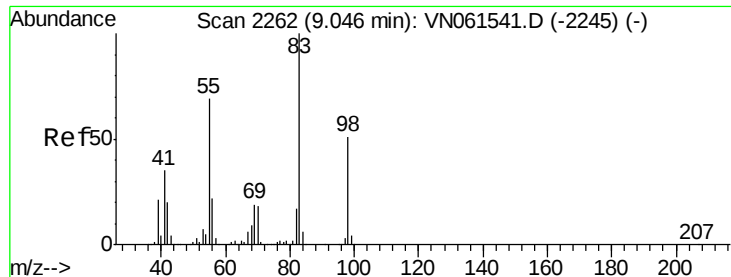
Tot Ion: 43 Resp: 165023
Ion Ratio Lower Upper
43 100
61 16.9 12.2 18.4
70 12.5 9.4 14.2



#38
Carbon Tetrachloride
Concen: 53.906 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Tgt Ion: 117 Resp: 239679
Ion Ratio Lower Upper
117 100
119 97.6 76.5 114.7
121 30.6 24.1 36.1

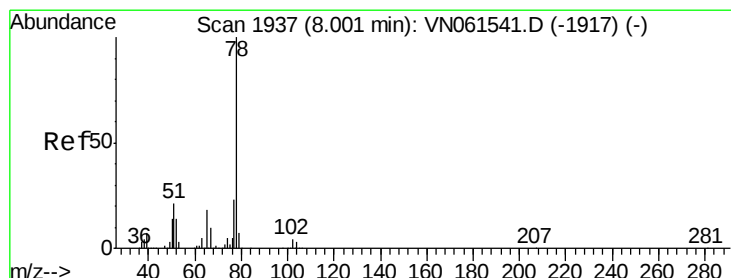
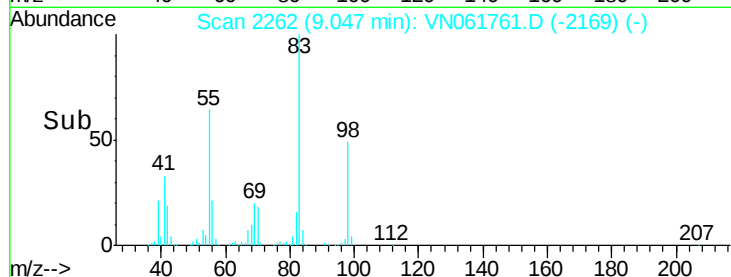
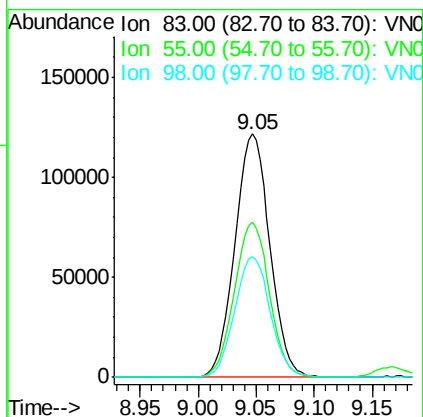
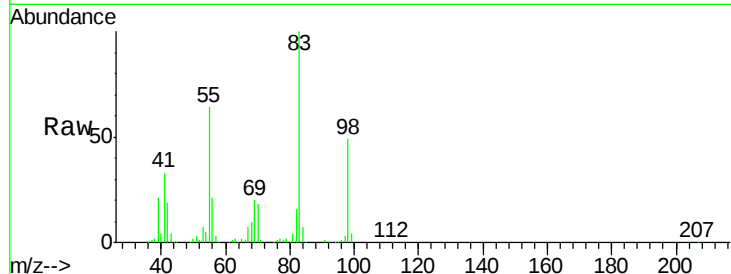




#39
Methvlcvclohexane
Concen: 44.856 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

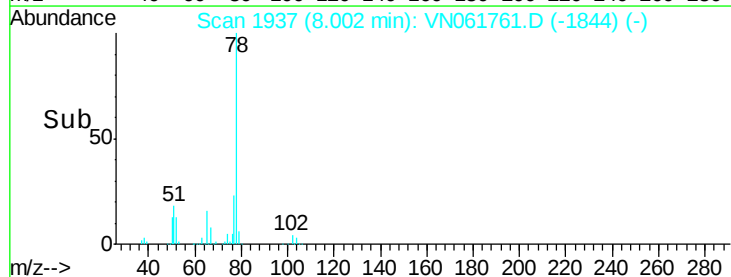
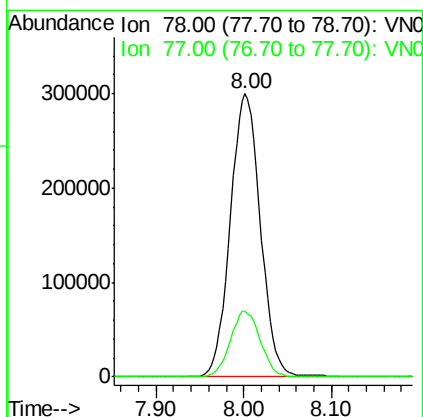
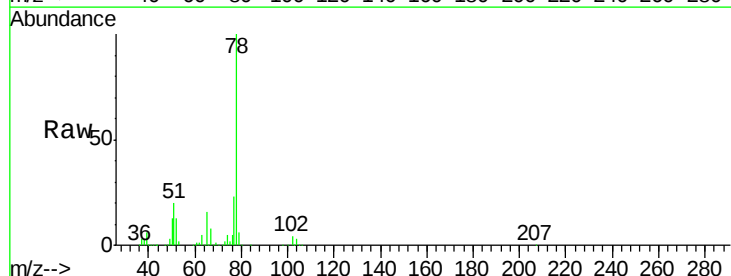
Instrument :
MSVOA_N
ClientSampled :

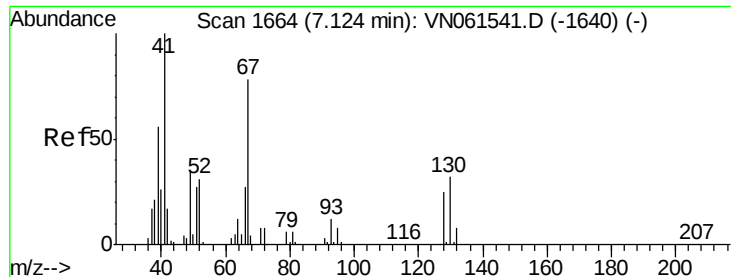
Tot Ion	83	Resp	254853
Ion	Ratio	Lower	Upper
83	100		
55	63.6	54.9	82.3
98	49.4	41.0	61.4



#40
Benzene
Concen: 50.315 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Tgt Ion	78	Resp	715610
Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0

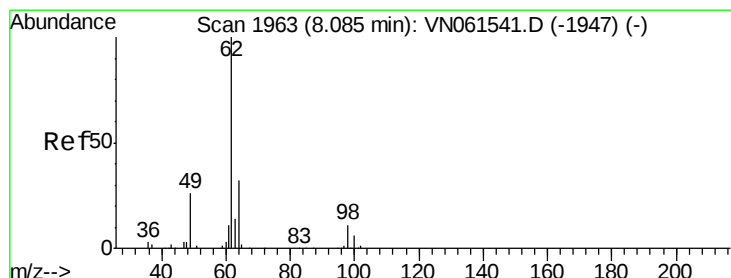
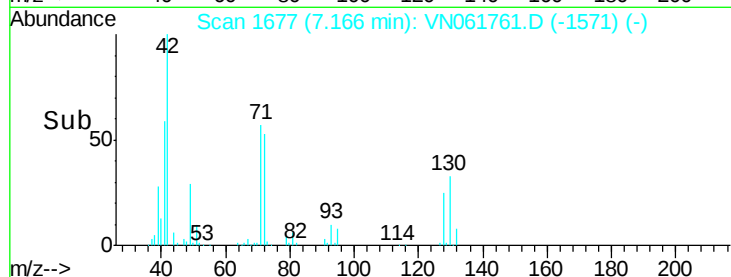
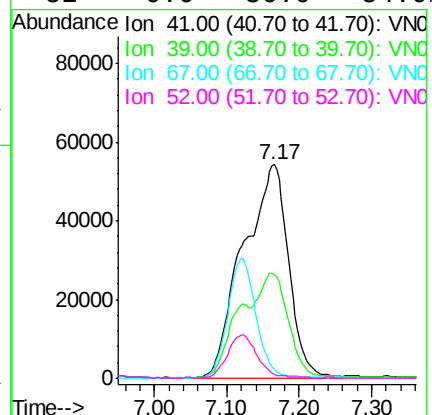
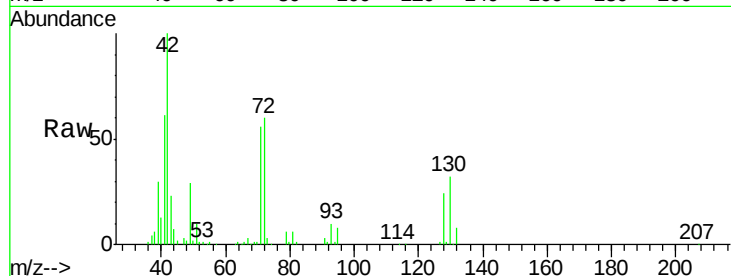




#41
Methacrylonitrile
Concen: 138.963 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

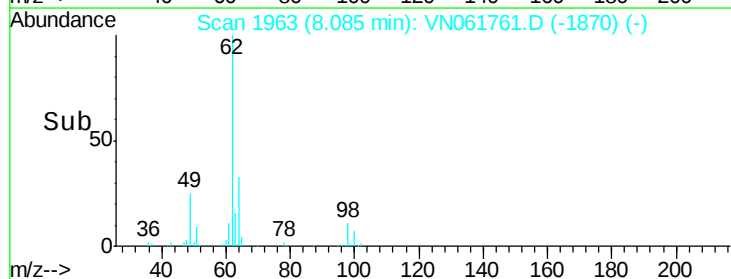
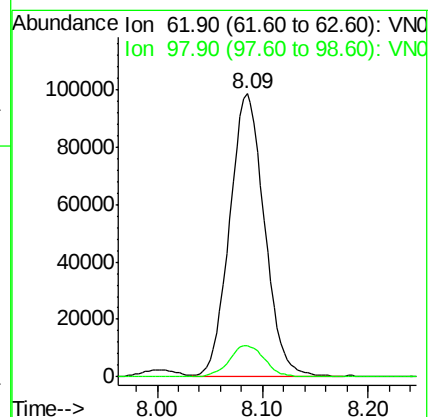
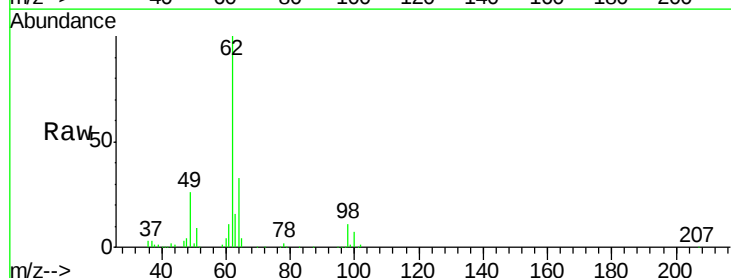
Instrument :
MSVOA_N
ClientSampled :

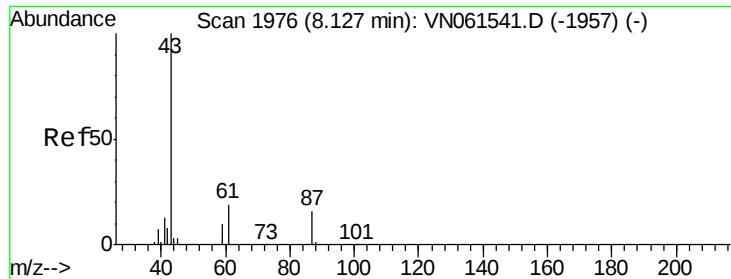
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.8	80.6#
67	0.0	91.1	136.7#
52	0.0	36.0	54.0#



#42
1,2-Dichloroethane
Concen: 47.043 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	21.4

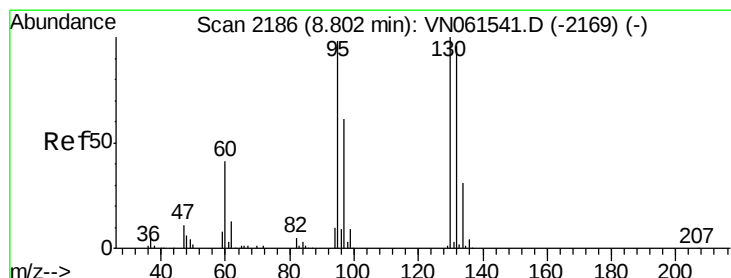
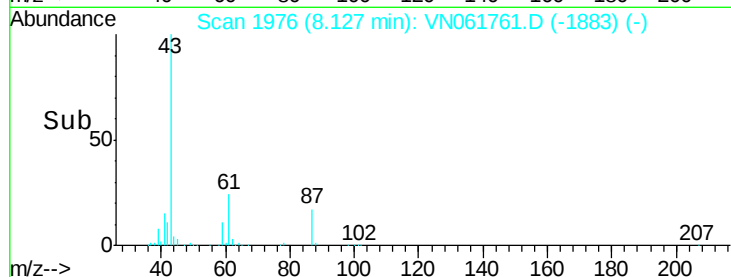
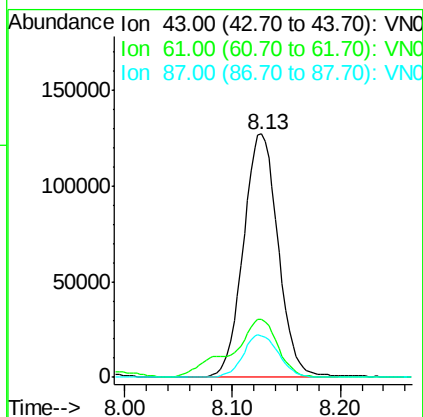
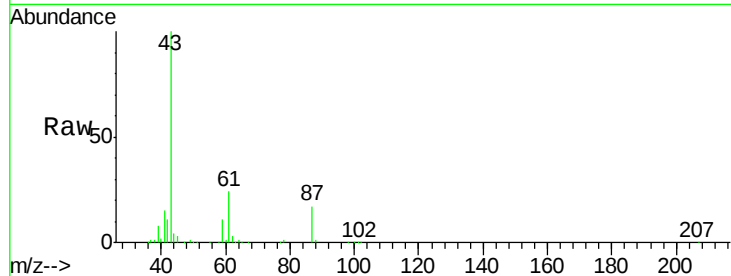




#43
Isopropyl Acetate
Concen: 42.781 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

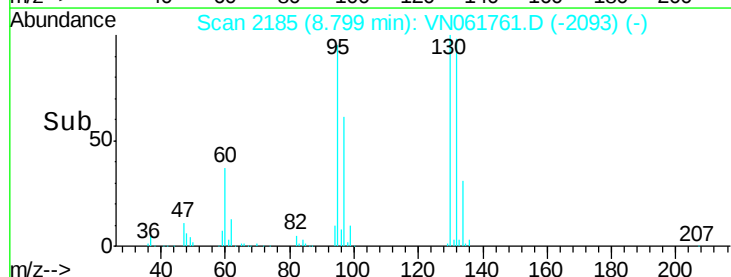
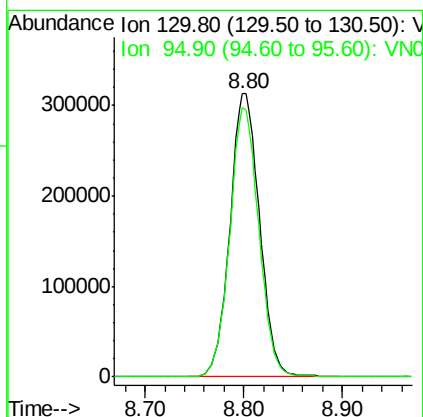
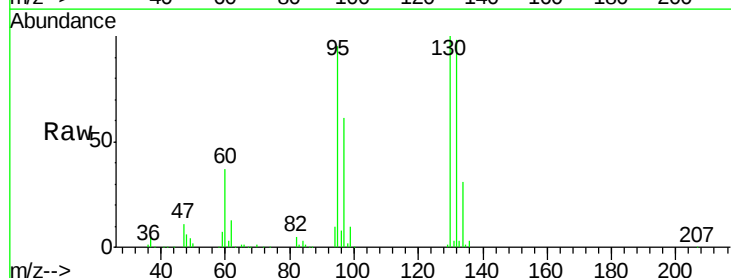
Instrument :
MSVOA_N
ClientSampleId :

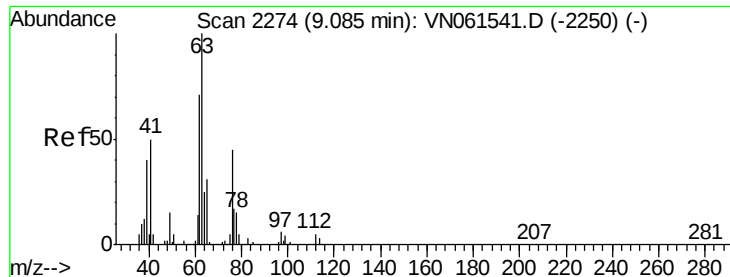
Tot Ion: 43 Resp: 285752
Ion Ratio Lower Upper
43 100
61 31.4 23.6 35.4
87 17.8 13.0 19.6



#44
Trichloroethene
Concen: 149.898 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Tgt Ion:130 Resp: 655191
Ion Ratio Lower Upper
130 100
95 95.1 0.0 196.6

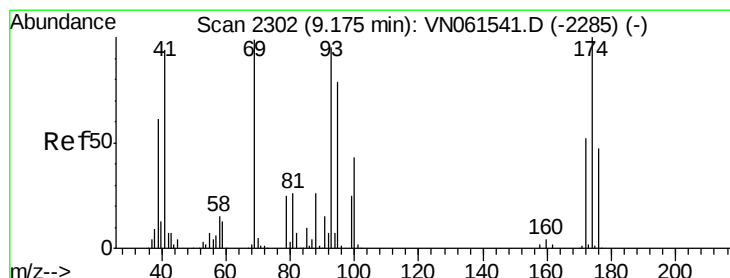
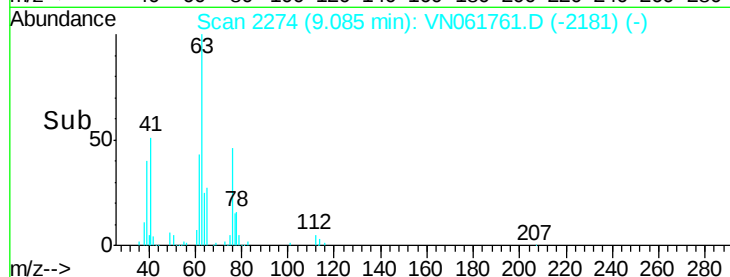
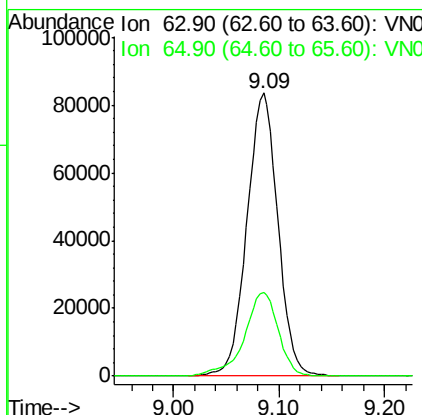
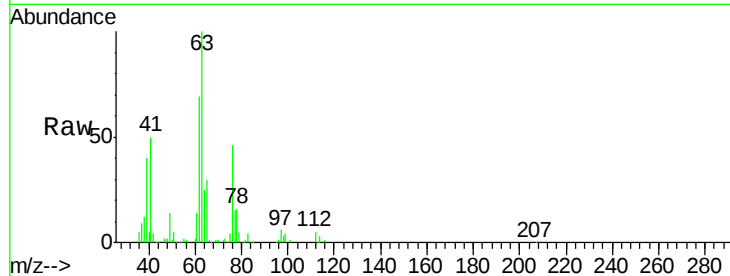




#45
 1,2-Dichloropropane
 Concen: 50.608 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

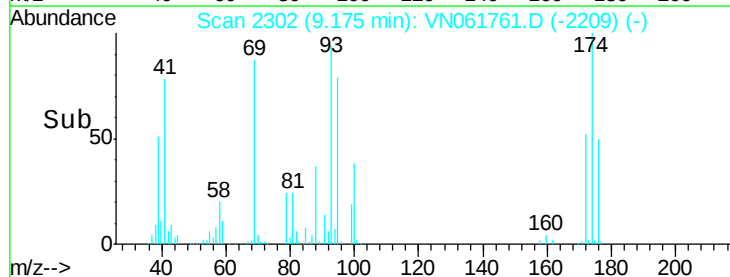
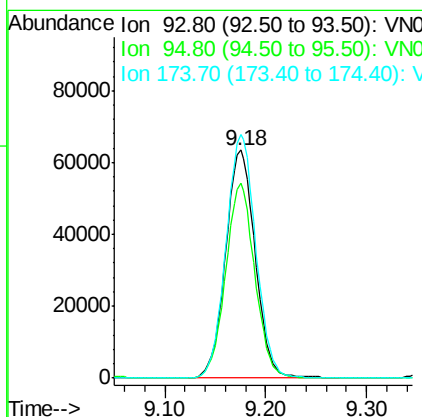
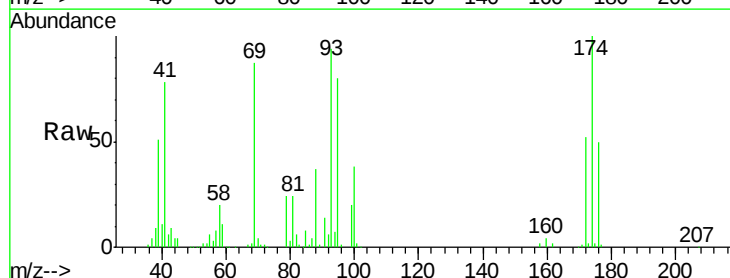
Instrument :
 MSVOA_N
 ClientSampleId :

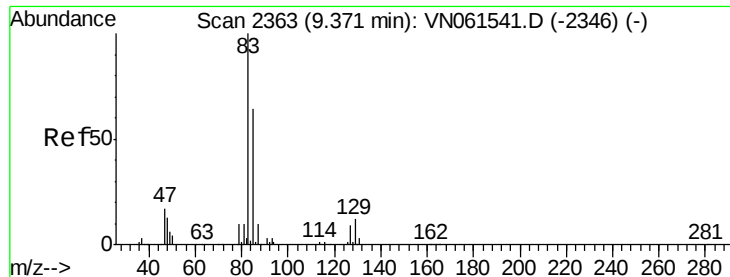
Tot Ion: 63 Resp: 170912
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.7 37.1



#46
 Dibromomethane
 Concen: 50.088 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

Tgt Ion: 93 Resp: 129734
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.0 99.0
 174 107.3 82.5 123.7





#47

Bromodichloromethane

Concen: 51.449 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

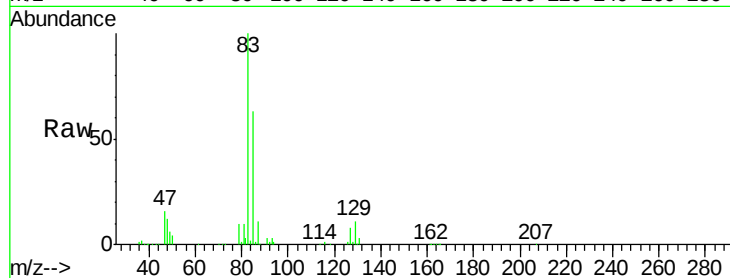
Tot Ion: 83 Resp: 264018

Ion Ratio Lower Upper

83 100

85 63.3 51.1 76.7

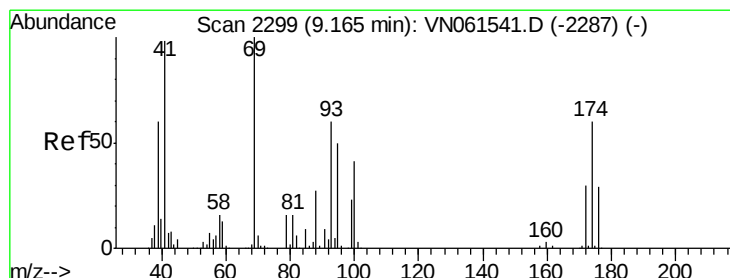
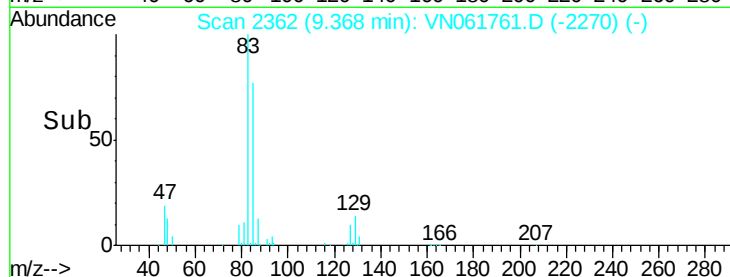
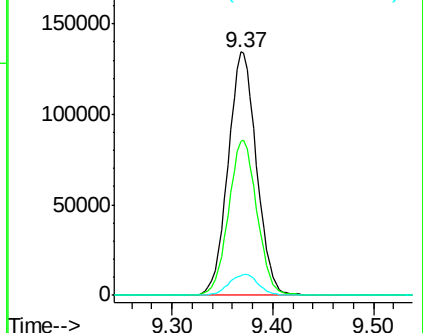
127 8.3 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061761.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061761.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061761.D (-2270) (-)



#48

Methyl methacrylate

Concen: 43.028 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

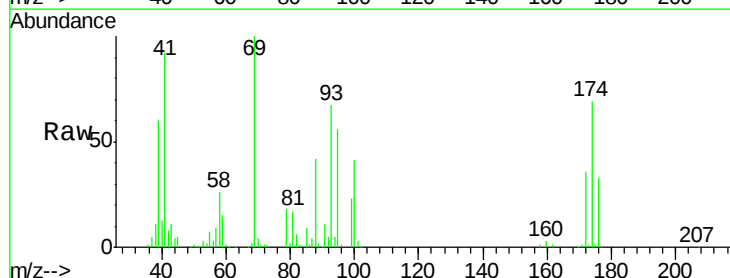
Tgt Ion: 41 Resp: 129308

Ion Ratio Lower Upper

41 100

69 111.0 83.9 125.9

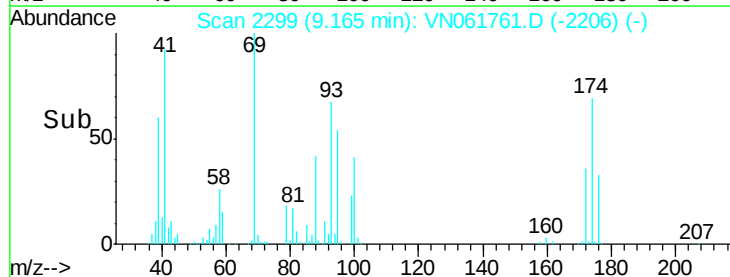
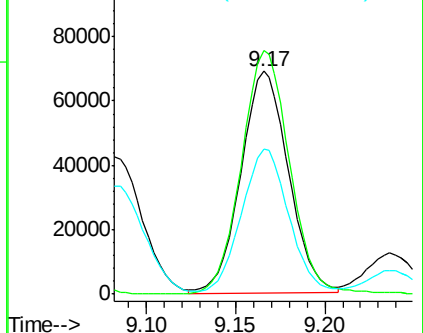
39 65.0 52.1 78.1

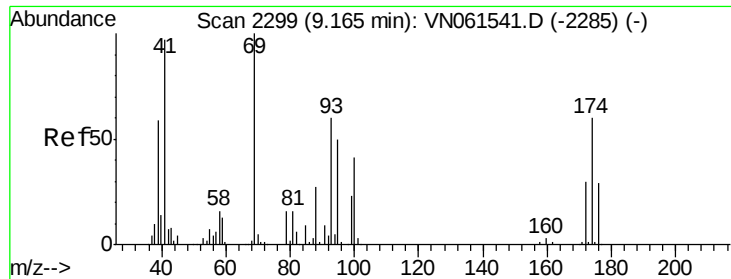


Abundance Ion 41.00 (40.70 to 41.70): VN061761.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061761.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061761.D (-2206) (-)

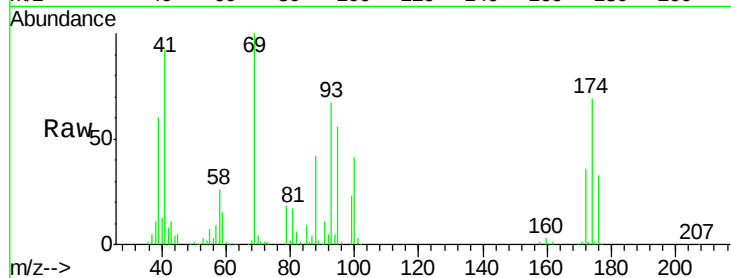




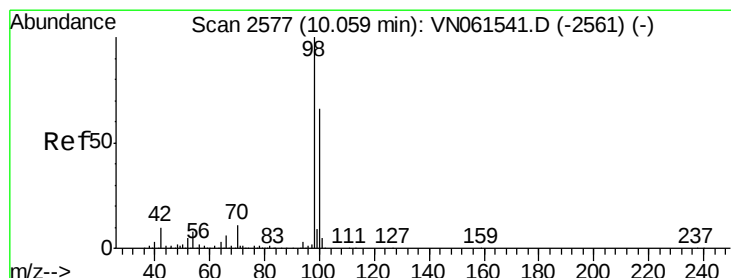
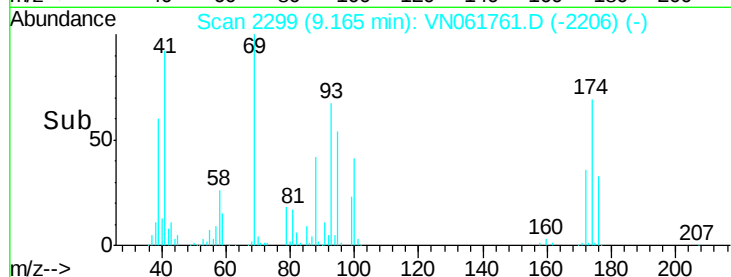
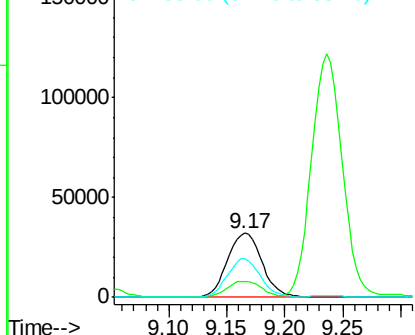
#49
 1,4-Dioxane
 Concen: 1436.533 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 66879
 Ion Ratio Lower Upper
 88 100
 43 25.3 23.1 34.7
 58 57.2 48.3 72.5

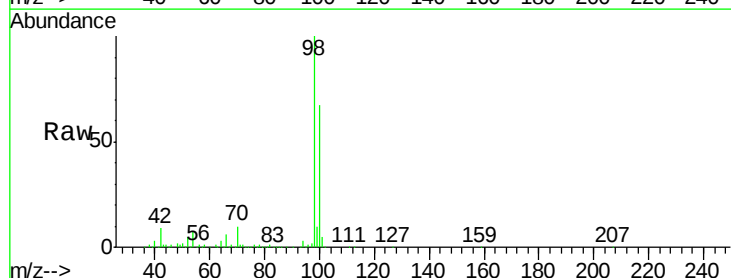


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

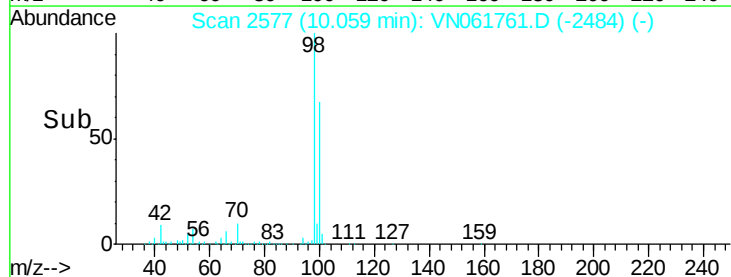
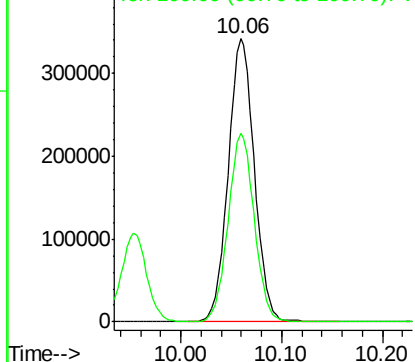


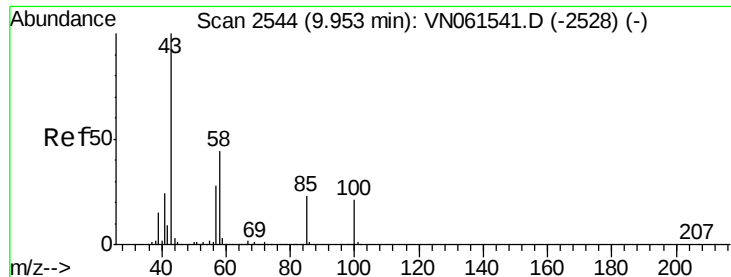
#50
 Toluene-d8
 Concen: 50.441 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

Tgt Ion: 98 Resp: 617427
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.8 79.2



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

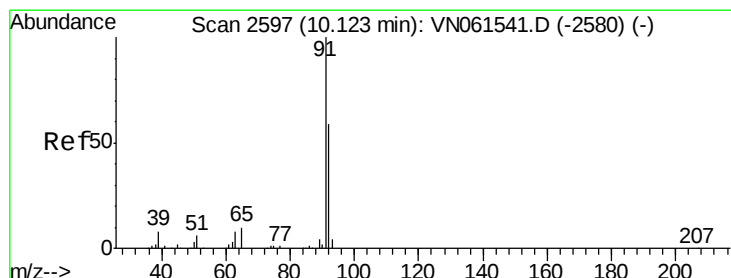
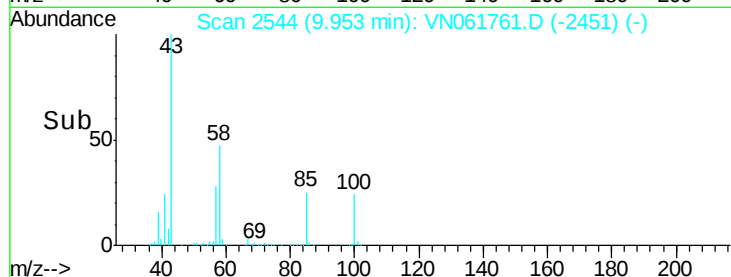
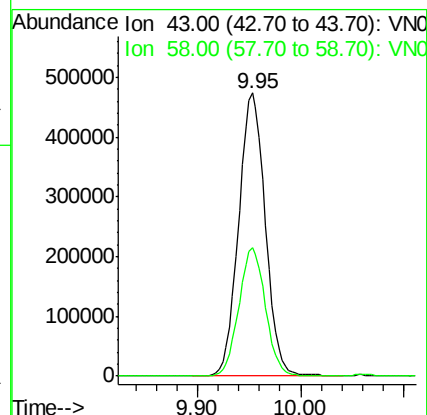
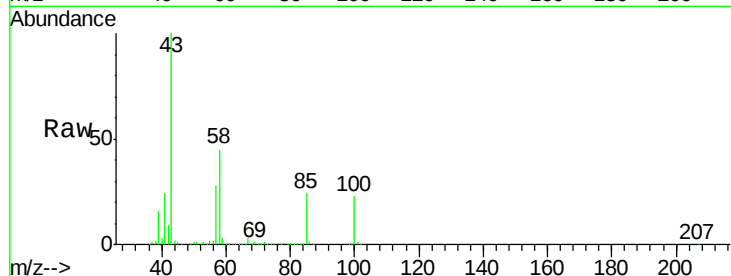




#51
4-Methyl-2-Pentanone
Concen: 227.271 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

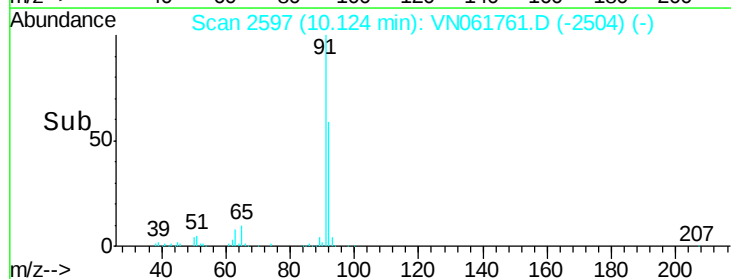
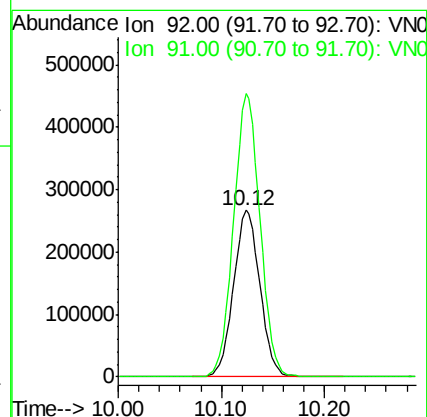
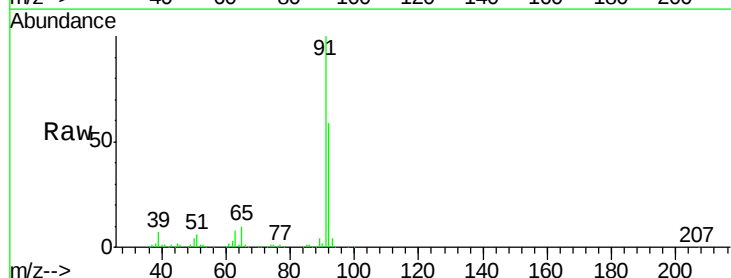
Instrument :
MSVOA_N
ClientSampled :

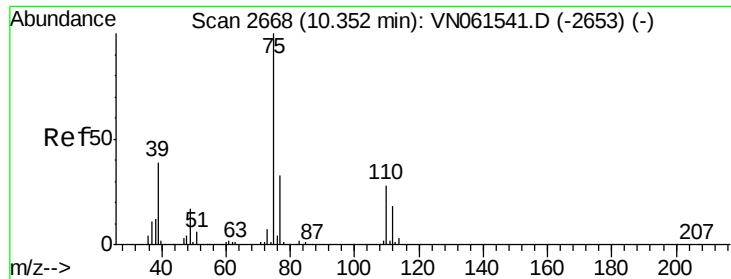
Tot Ion: 43 Resp: 855465
Ion Ratio Lower Upper
43 100
58 45.1 35.0 52.6



#52
Toluene
Concen: 51.168 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Tgt Ion: 92 Resp: 474983
Ion Ratio Lower Upper
92 100
91 170.5 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 48.279 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :

MSVOA_N

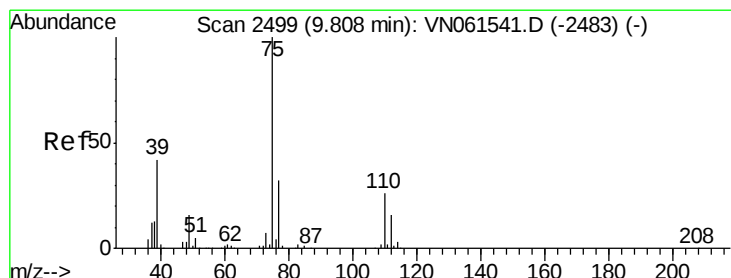
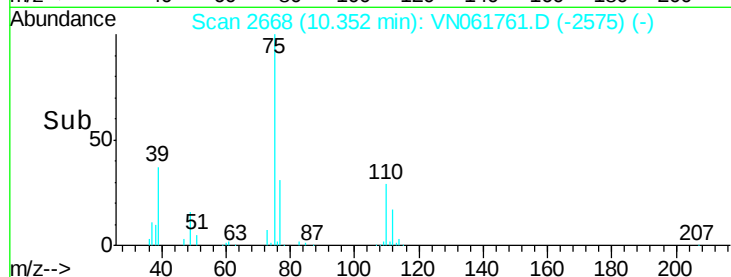
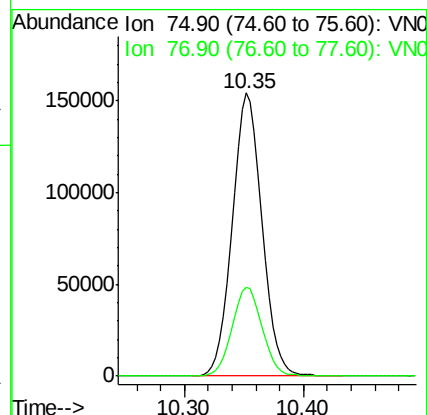
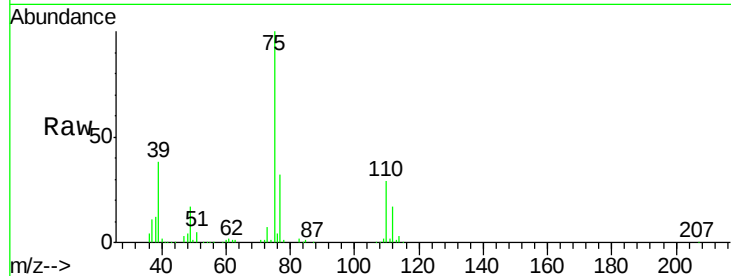
ClientSampleId :

Tot Ion: 75 Resp: 266889

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 48.054 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

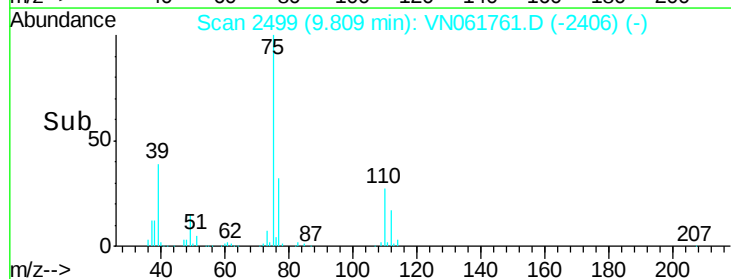
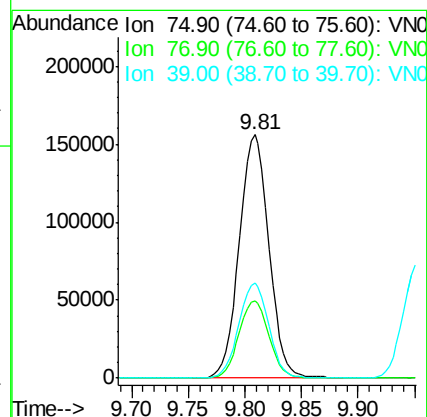
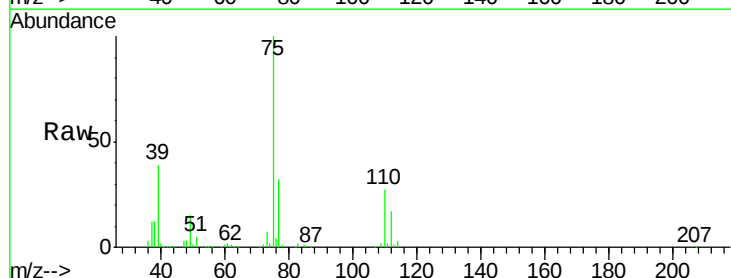
Tgt Ion: 75 Resp: 285634

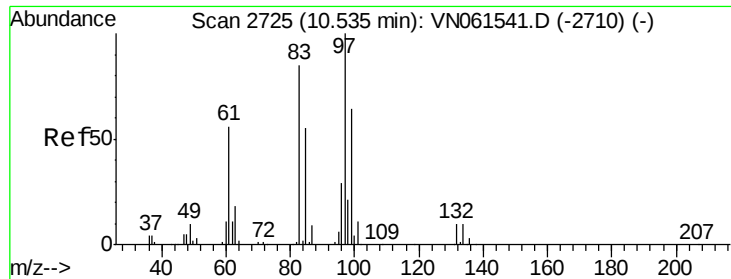
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 39.1 33.8 50.6

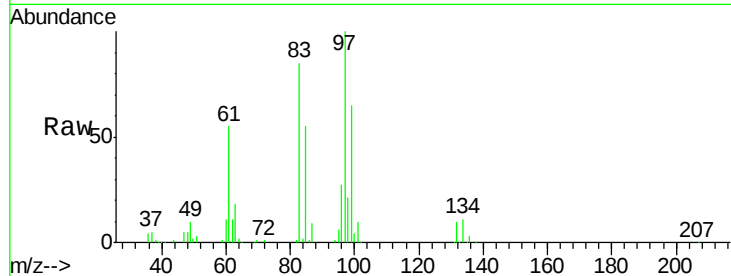




#55
 1,1,2-Trichloroethane
 Concen: 51.438 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	97	Resp	190233
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.1	102.1
85	55.2	44.1	66.1
99	65.0	51.1	76.7



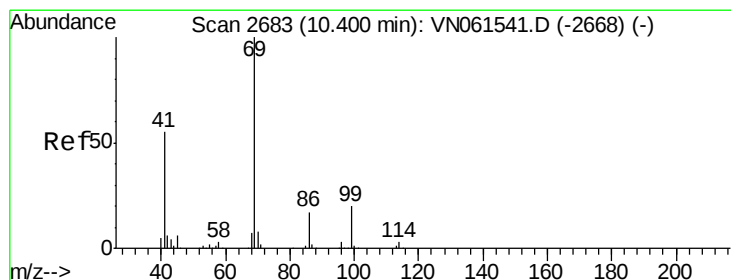
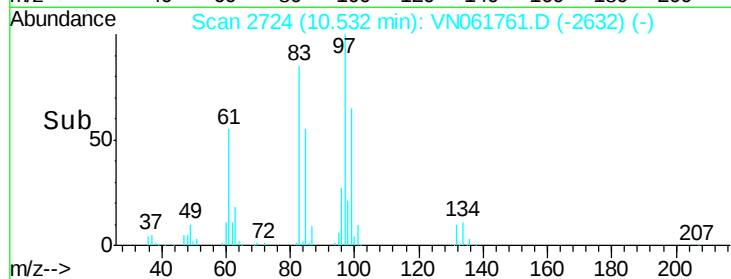
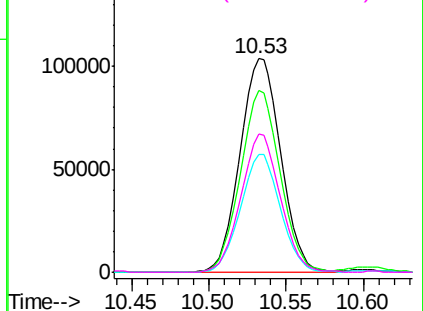
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

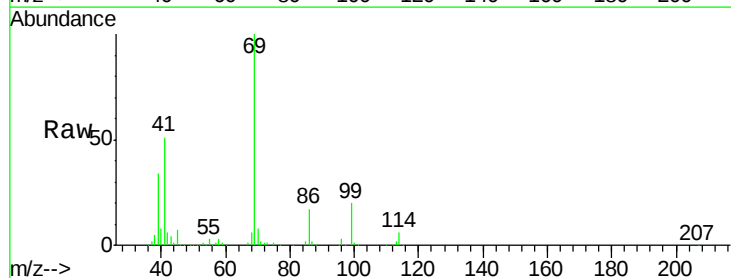
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 47.872 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

Tgt Ion	69	Resp	247318
Ion	Ratio	Lower	Upper
69	100		
41	51.0	43.5	65.3
39	33.8	27.0	40.6

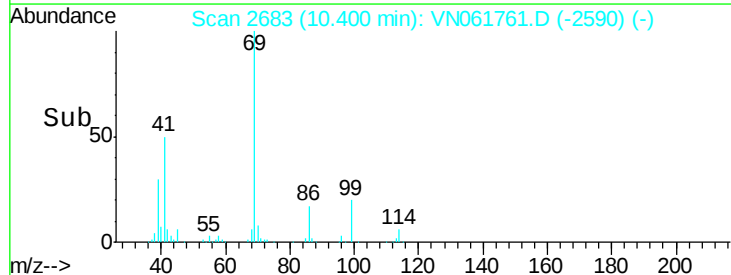
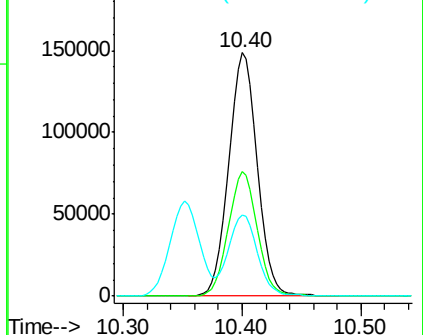


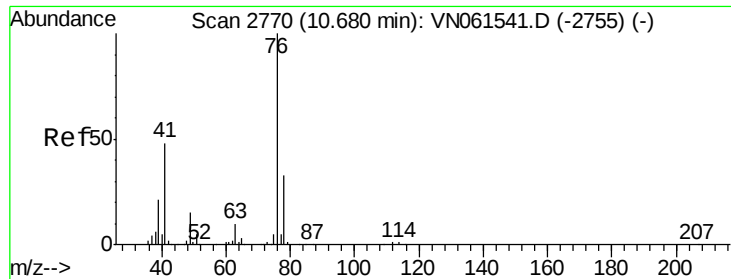
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

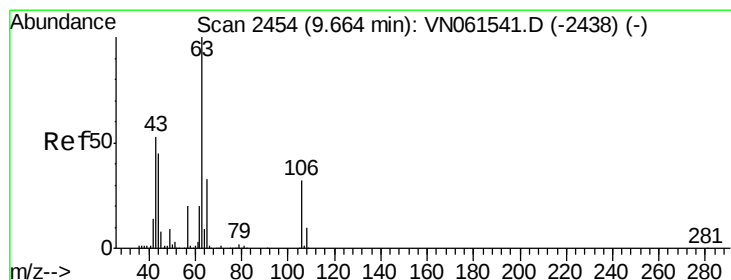
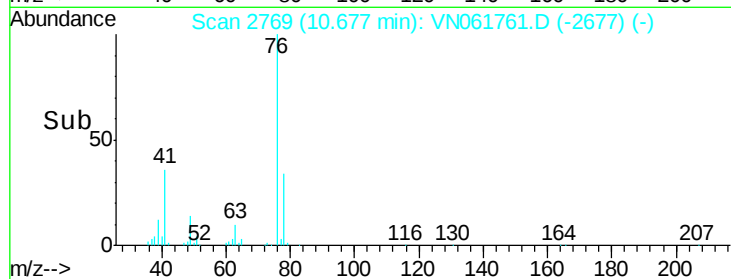
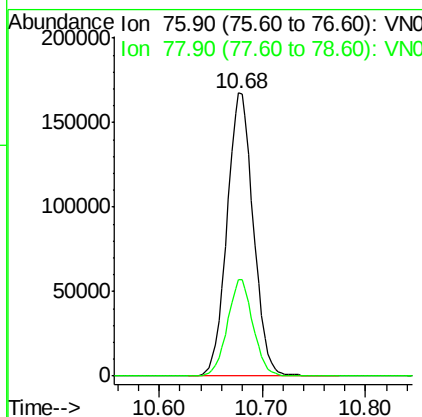
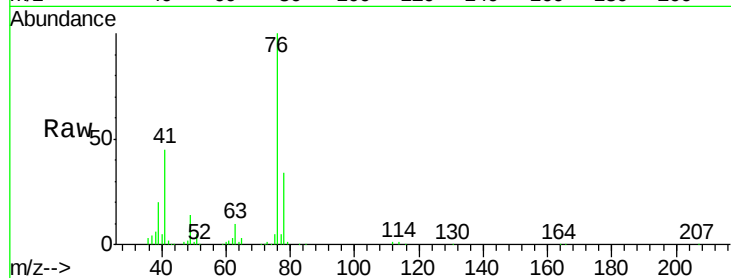




#57
 1,3-Dichloropropane
 Concen: 50.383 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

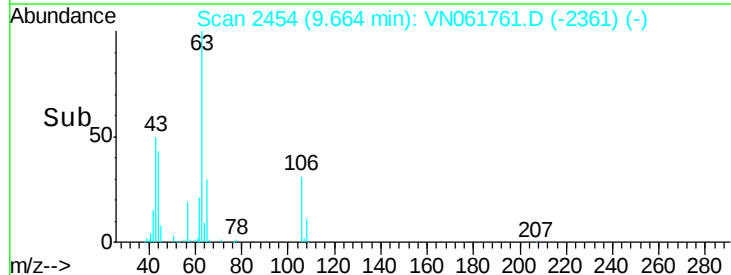
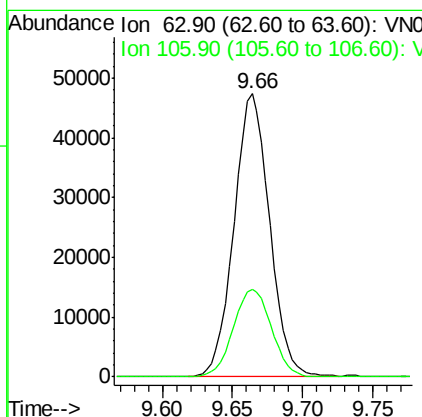
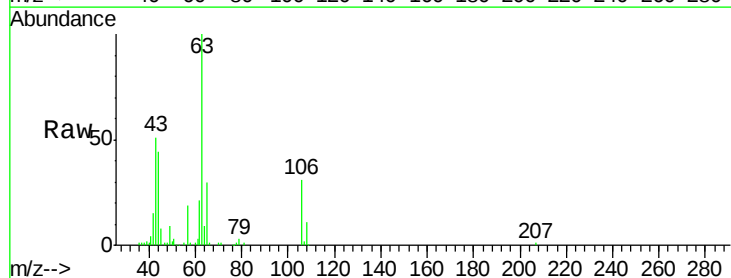
Instrument :
 MSVOA_N
 ClientSampleId :

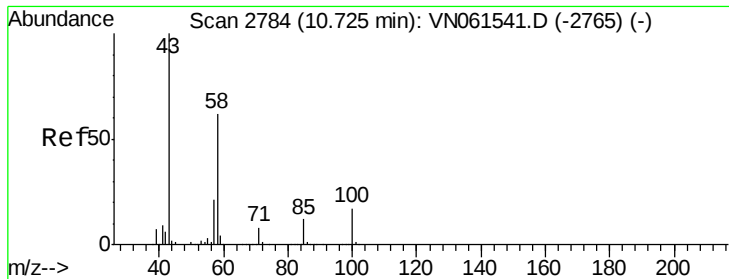
Tot Ion: 76 Resp: 298014
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 37.949 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

Tgt Ion: 63 Resp: 83783
 Ion Ratio Lower Upper
 63 100
 106 33.2 25.9 38.9

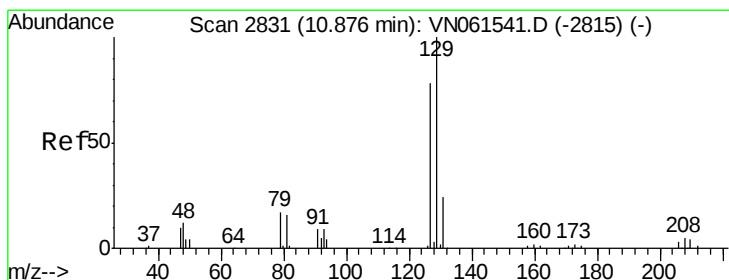
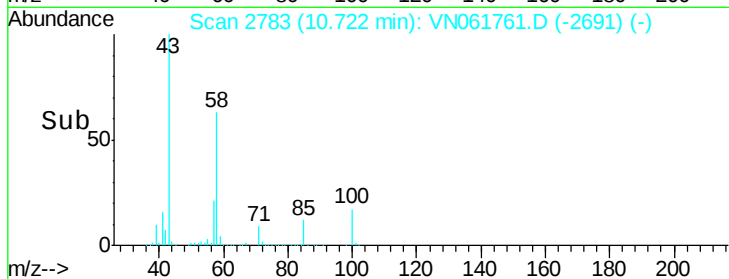
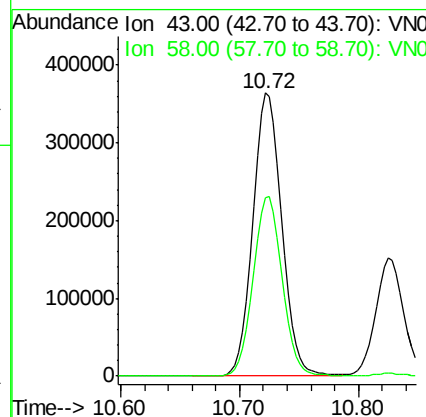
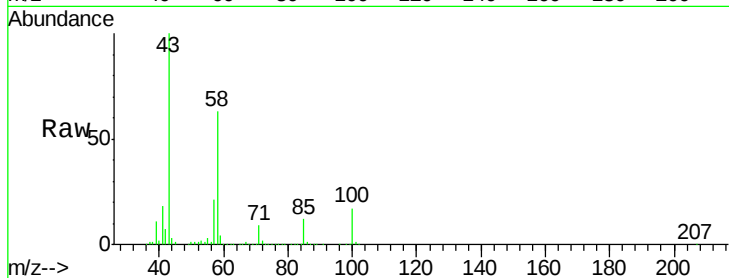




#59
2-Hexanone
Concen: 227.079 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

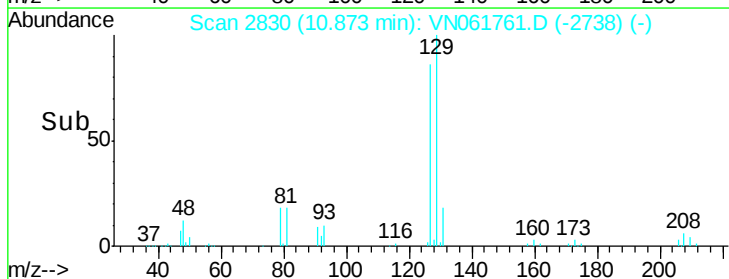
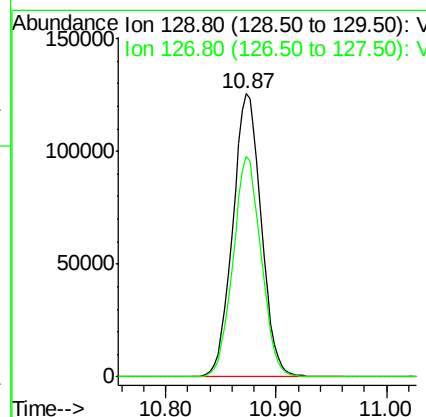
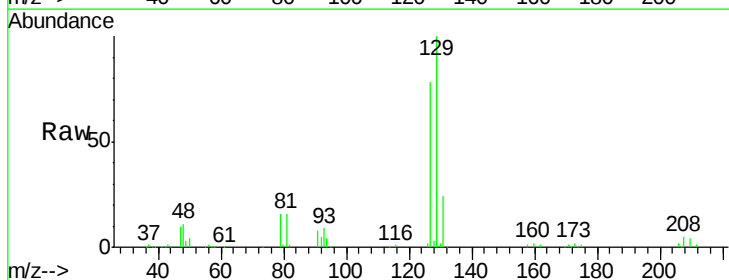
Instrument :
MSVOA_N
ClientSampled :

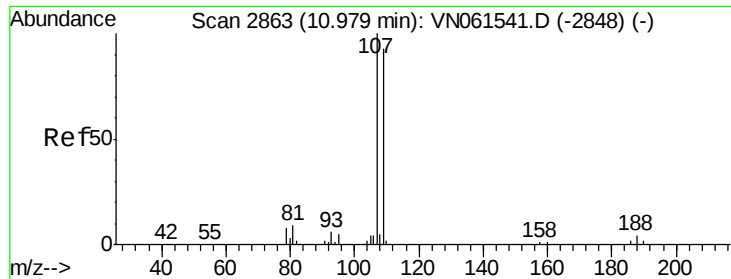
Tot Ion: 43 Resp: 613852
Ion Ratio Lower Upper
43 100
58 63.8 30.7 92.1



#60
Dibromochloromethane
Concen: 53.531 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Tgt Ion: 129 Resp: 225072
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.3

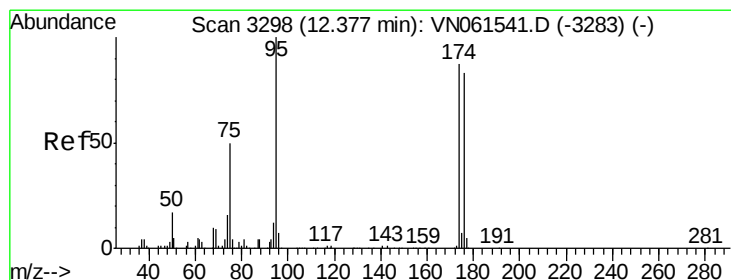
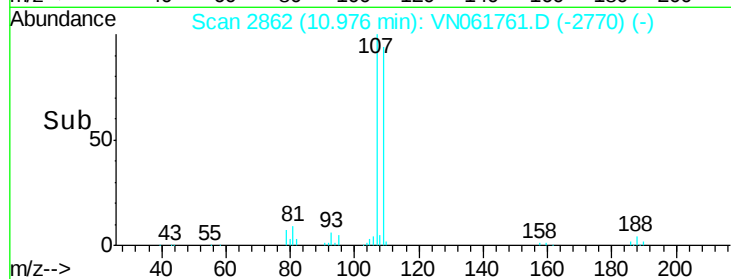
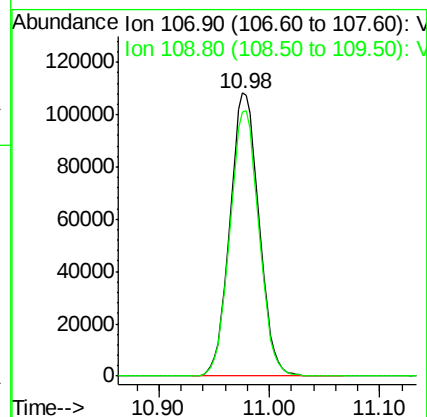
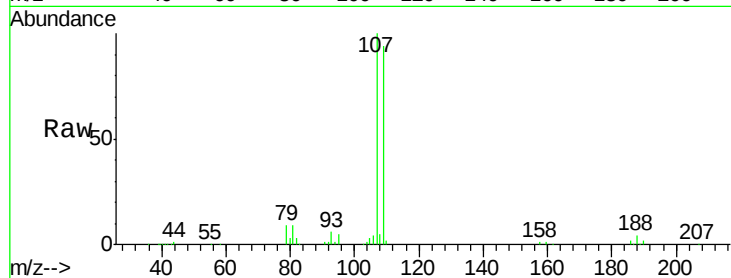




#61
 1,2-Dibromoethane
 Concen: 51.342 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

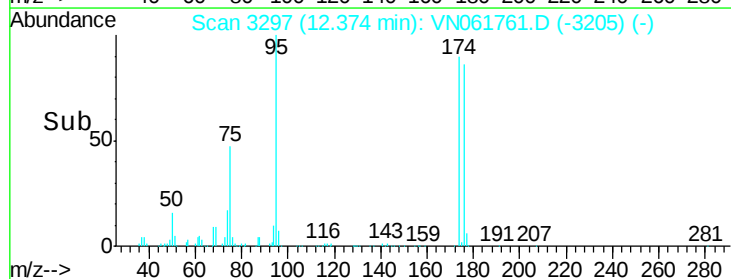
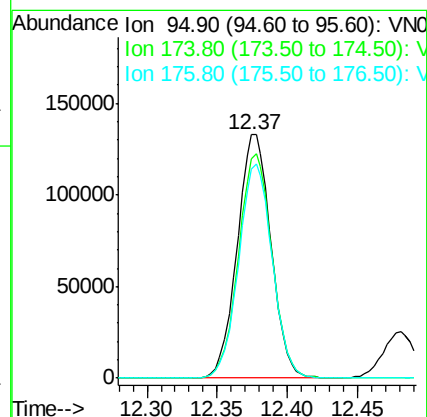
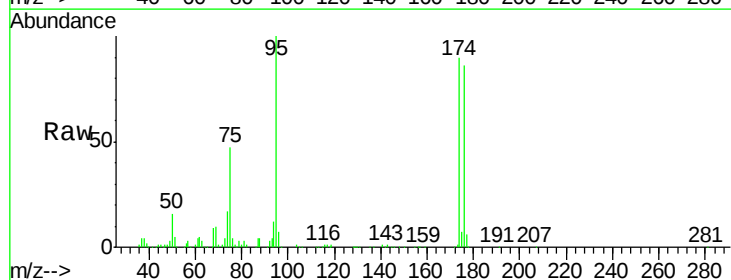
Instrument :
 MSVOA_N
 ClientSampleId :

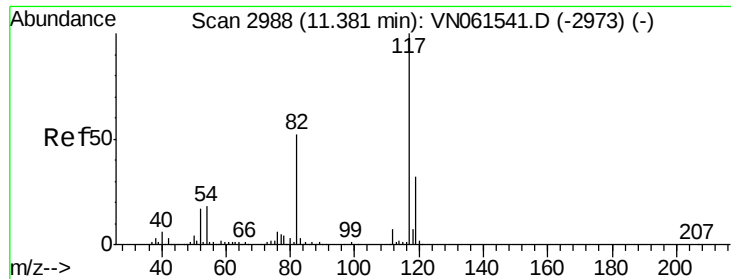
Tot Ion: 107 Resp: 198035
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 49.924 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

Tgt Ion: 95 Resp: 222949
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 172.8
 176 87.7 0.0 164.8

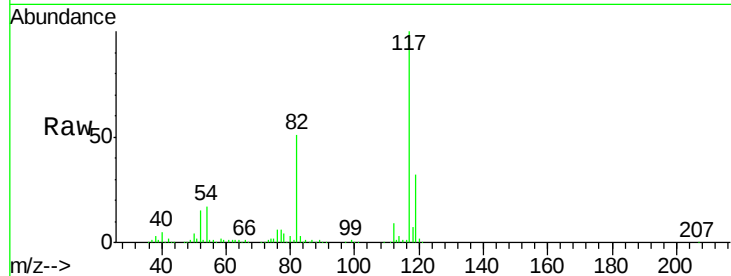




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.5	62.3
119	31.9	25.6	38.4

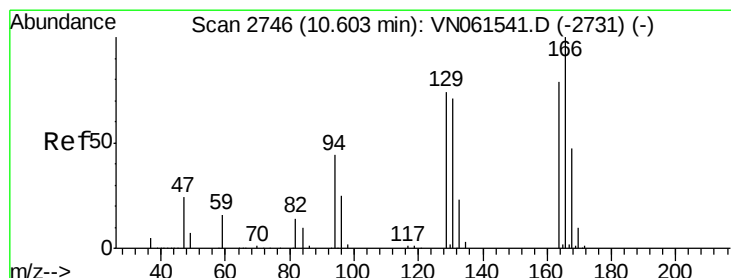
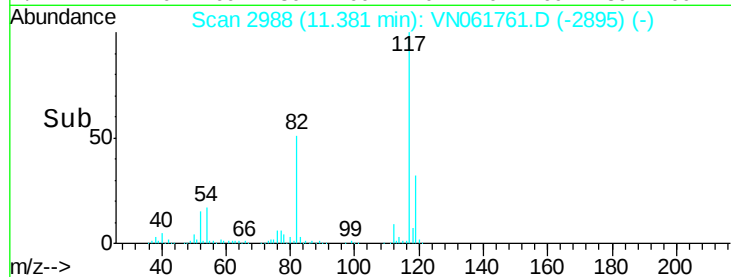
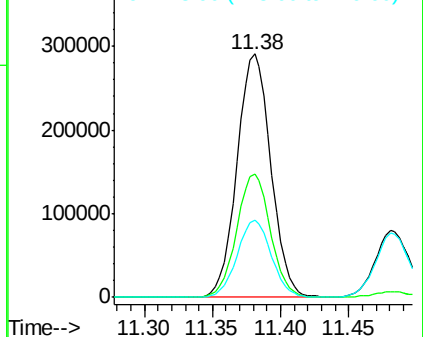


Abundance

Ion 116.90 (116.60 to 117.60): V

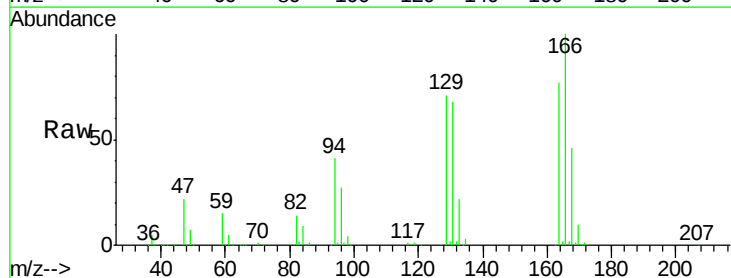
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.607 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	101.5	152.3
129	92.4	74.9	112.3
131	88.0	72.2	108.2



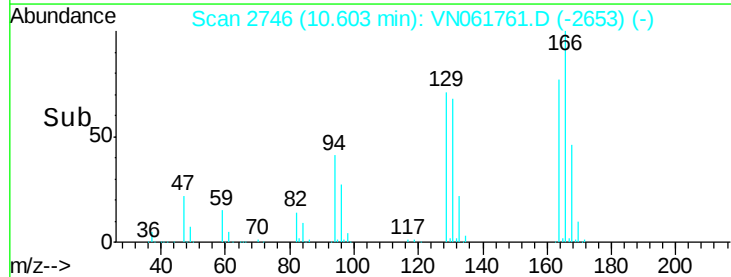
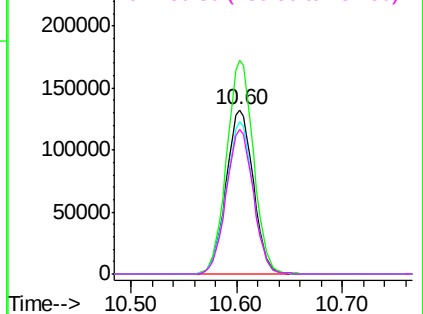
Abundance

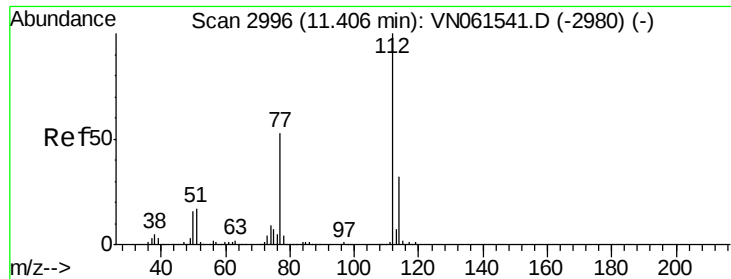
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

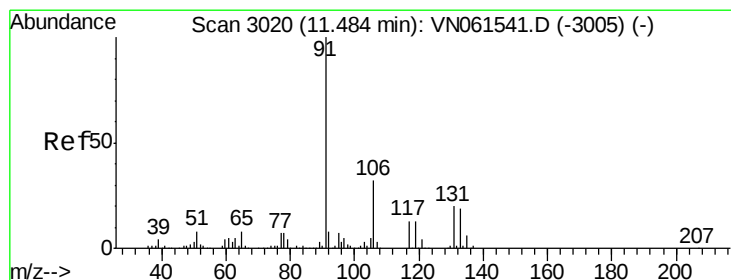
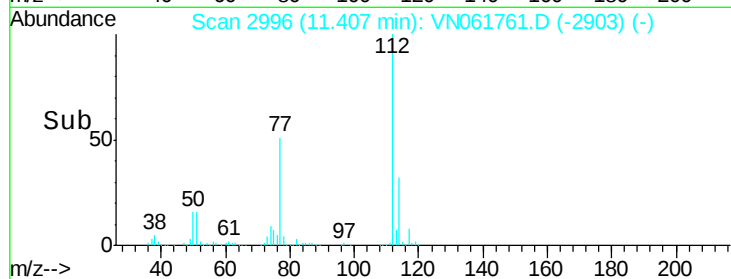
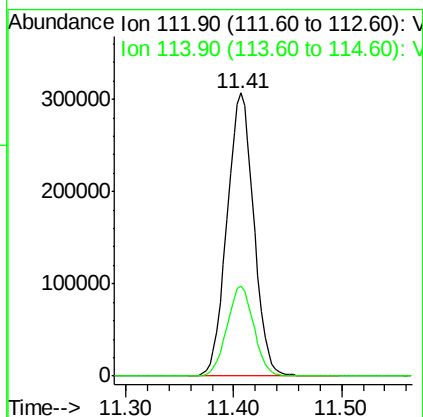
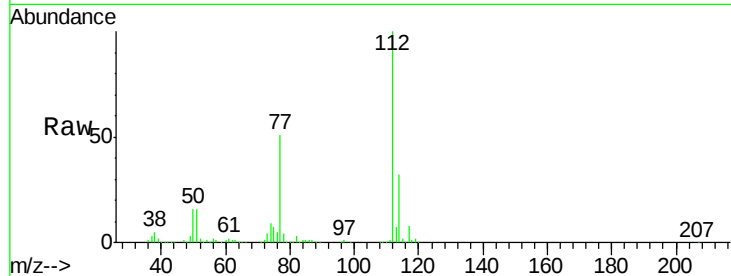




#65
Chlorobenzene
Concen: 50.875 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

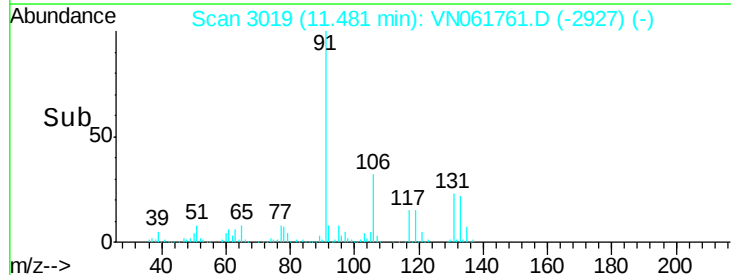
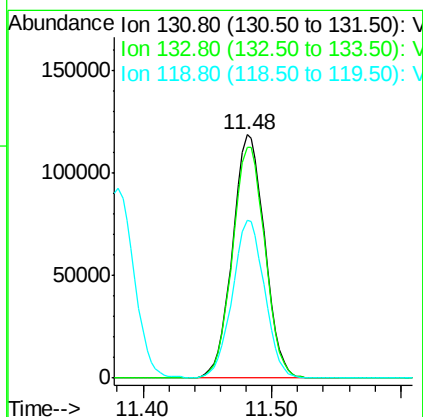
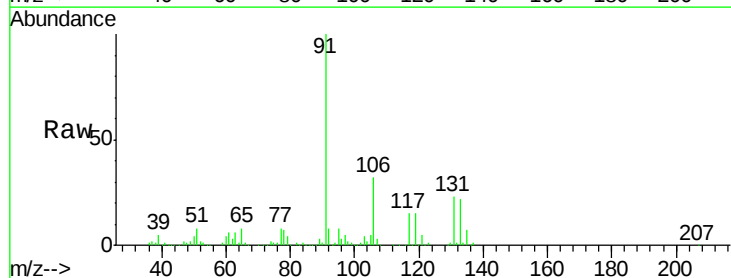
Instrument :
MSVOA_N
ClientSampleId :

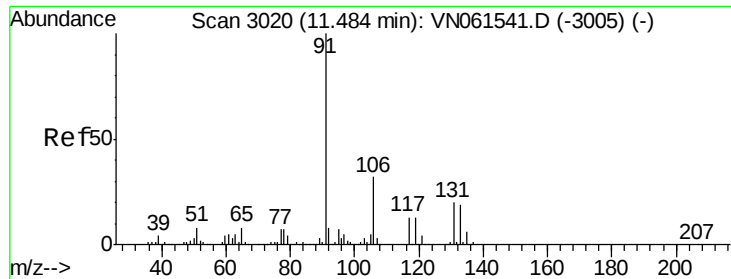
Tot Ion:112 Resp: 530819
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.885 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Tgt Ion:131 Resp: 205458
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 64.8 32.6 97.8

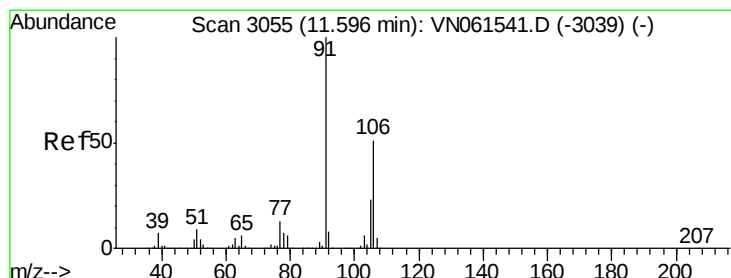
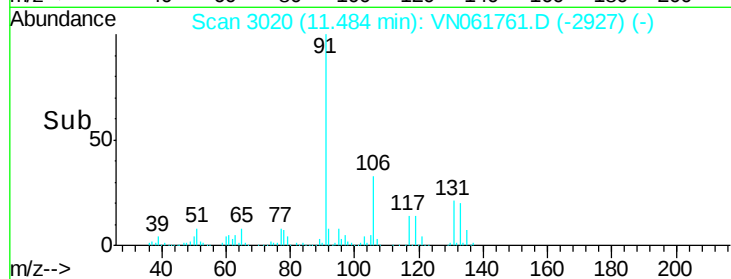
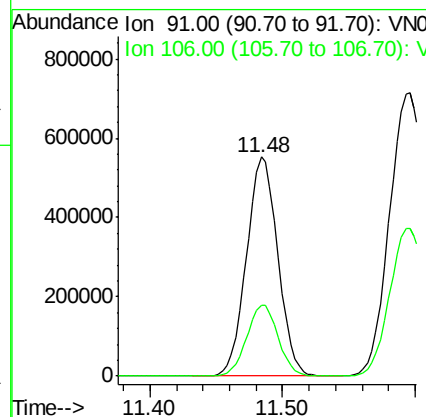
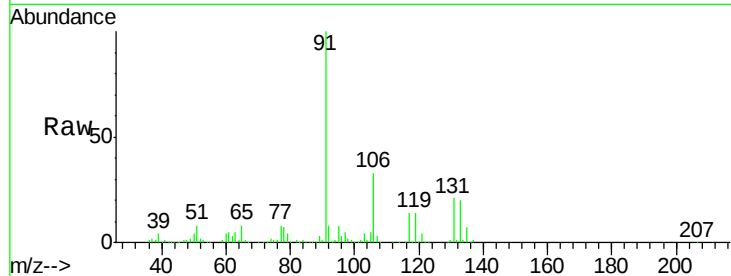




#67
Ethyl Benzene
Concen: 50.301 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

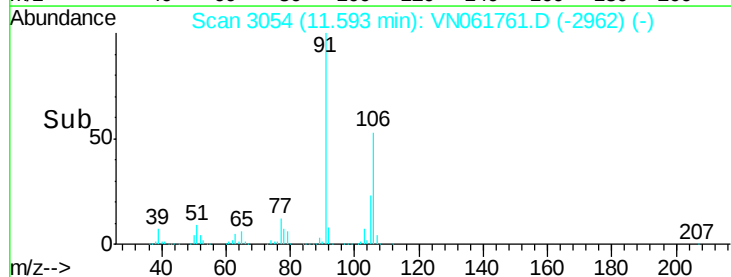
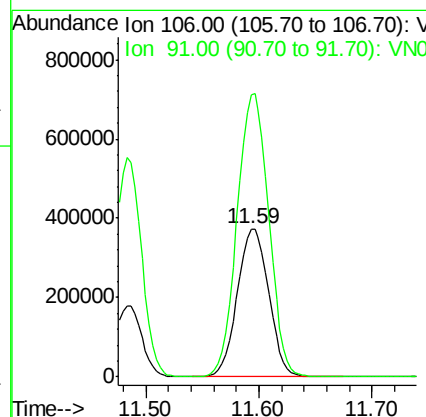
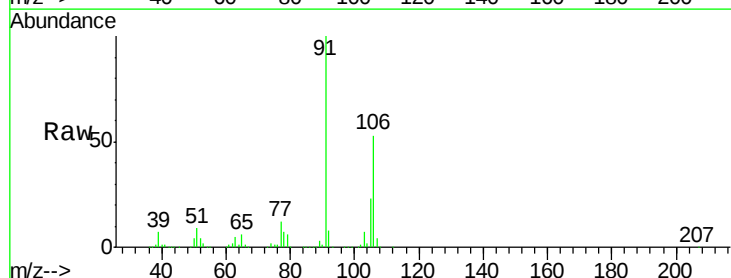
Instrument :
MSVOA_N
ClientSampled :

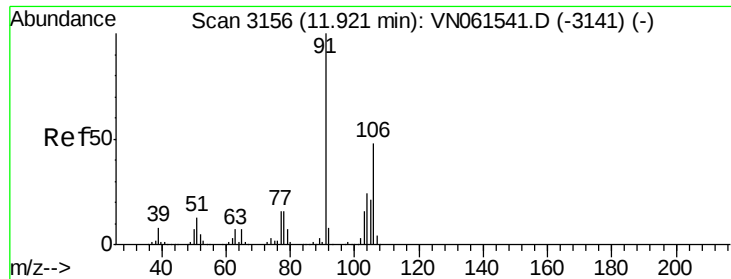
Tot Ion: 91 Resp: 907110
Ion Ratio Lower Upper
91 100
106 32.6 25.6 38.4



#68
m/p-Xylenes
Concen: 100.897 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Tgt Ion: 106 Resp: 721458
Ion Ratio Lower Upper
106 100
91 192.5 156.2 234.4

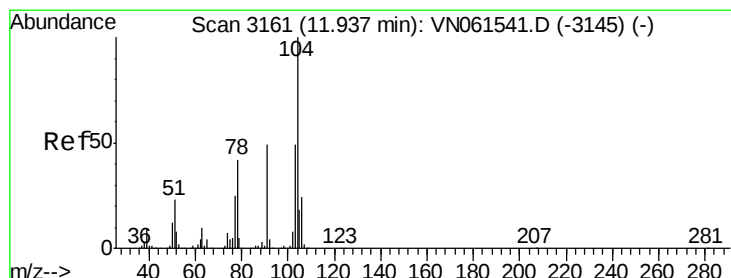
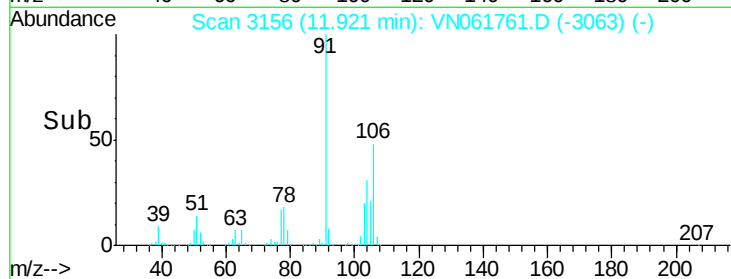
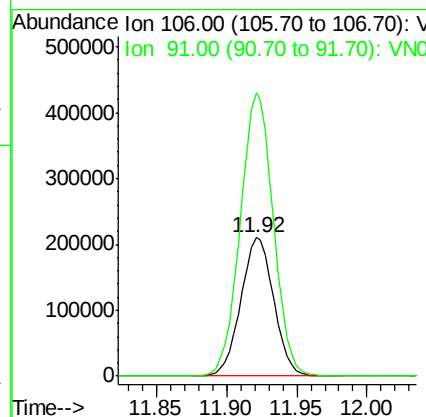
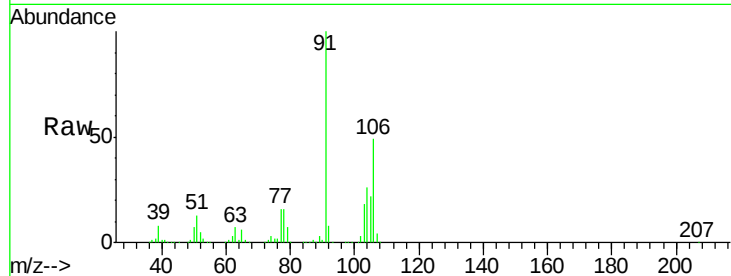




#69
o-Xylene
Concen: 50.827 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

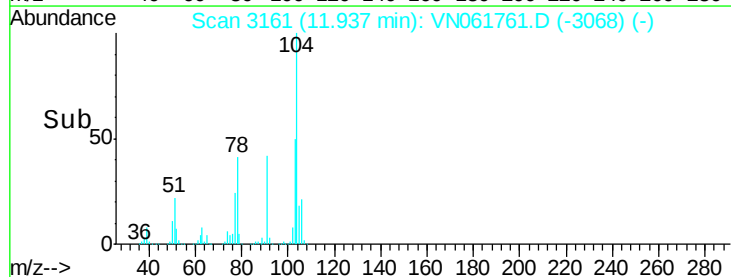
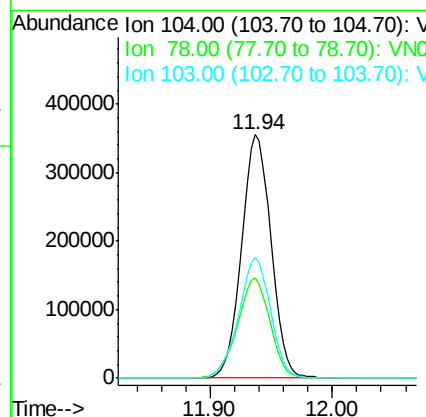
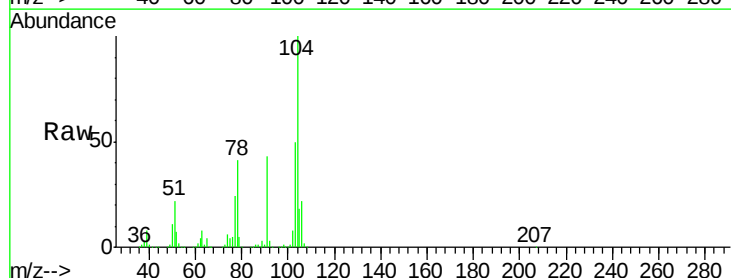
Instrument :
MSVOA_N
ClientSampled :

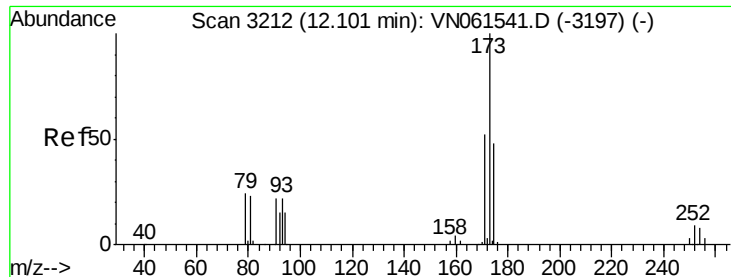
Tot Ion:106 Resp: 345195
Ion Ratio Lower Upper
106 100
91 204.6 103.3 309.8



#70
Styrene
Concen: 52.700 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Tgt Ion:104 Resp: 592722
Ion Ratio Lower Upper
104 100
78 45.6 37.4 56.0
103 53.7 42.3 63.5





#71

Bromoform

Concen: 53.224 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

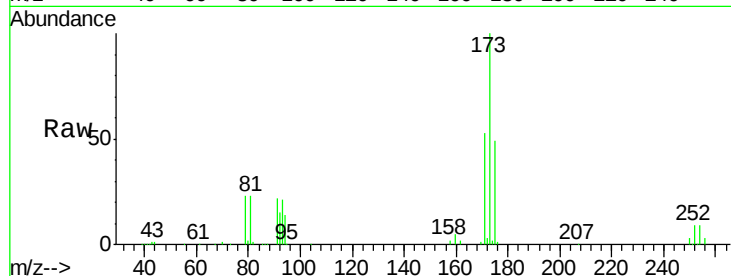
Tot Ion:173 Resp: 159335

Ion Ratio Lower Upper

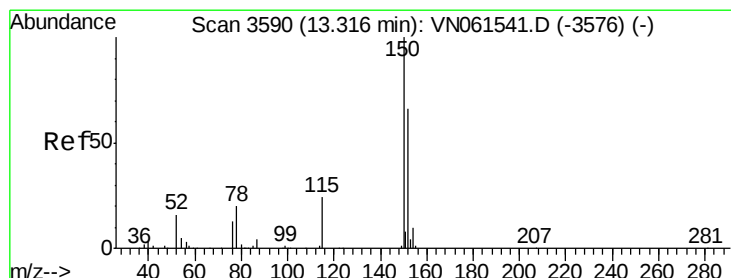
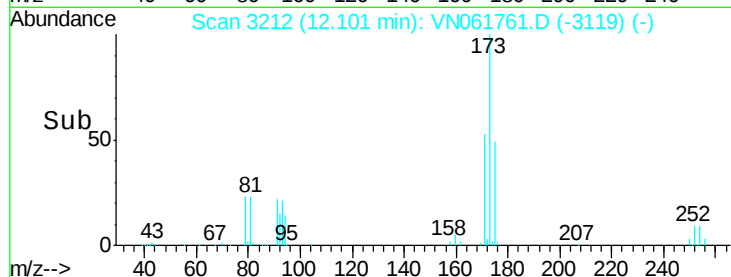
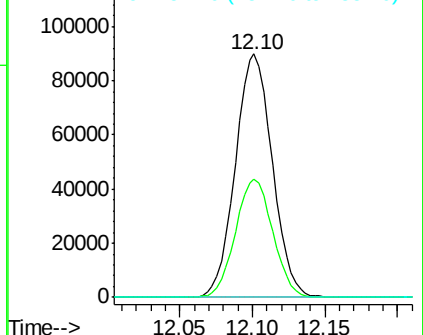
173 100

175 49.0 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: VN061761.D

Acq: 11 Jun 2020 20:44

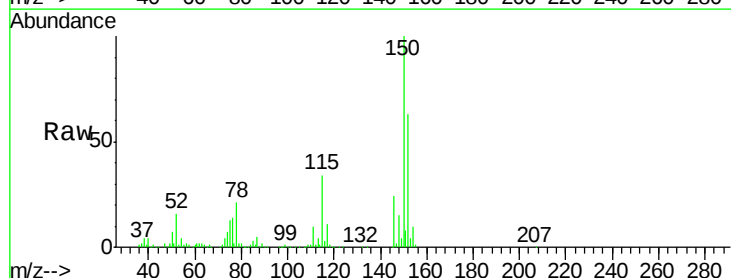
Tgt Ion:152 Resp: 263946

Ion Ratio Lower Upper

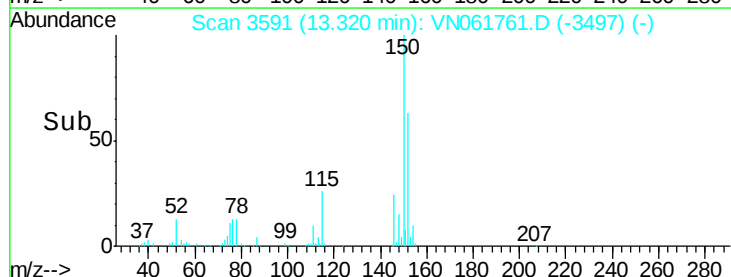
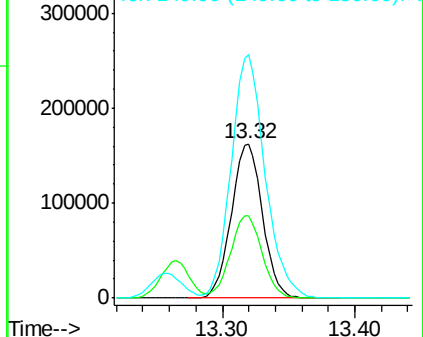
152 100

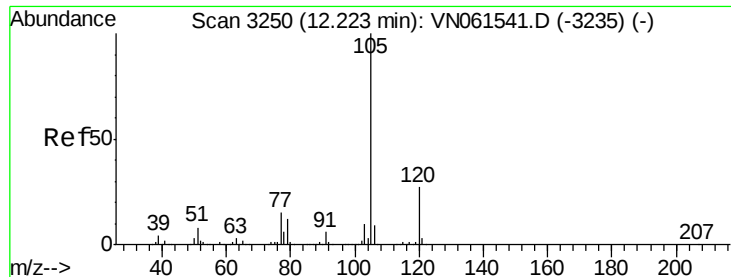
115 54.1 28.0 84.0

150 172.9 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: 47.566 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :

MSVOA_N

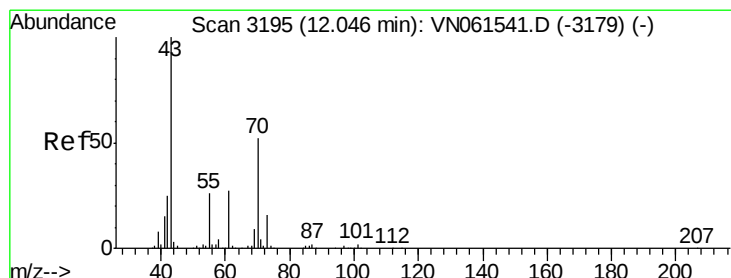
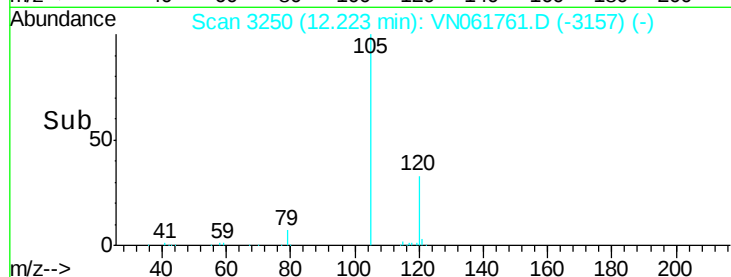
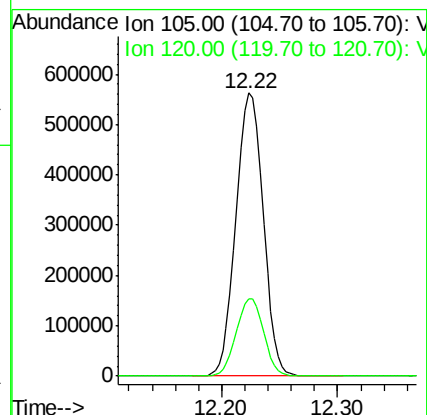
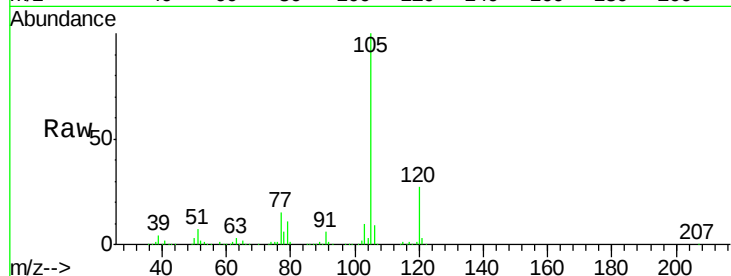
ClientSampled :

Tot Ion:105 Resp: 916344

Ion Ratio Lower Upper

105 100

120 27.3 13.8 41.3



#74

N-ethyl acetate

Concen: 41.333 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Tgt Ion: 43 Resp: 250760

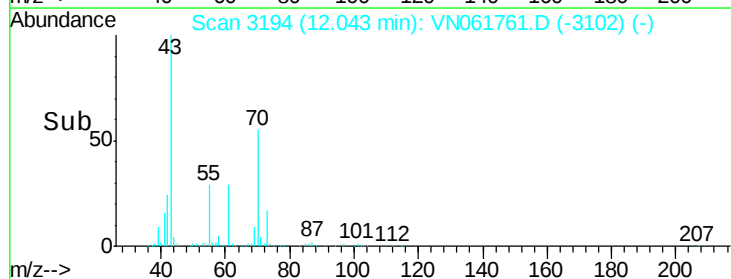
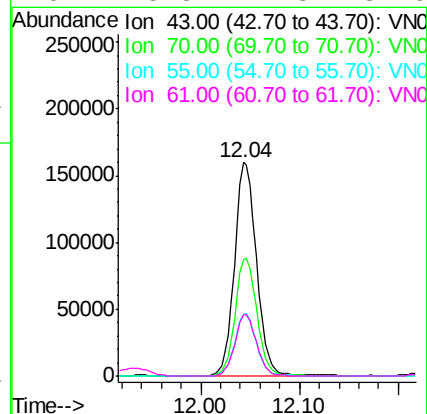
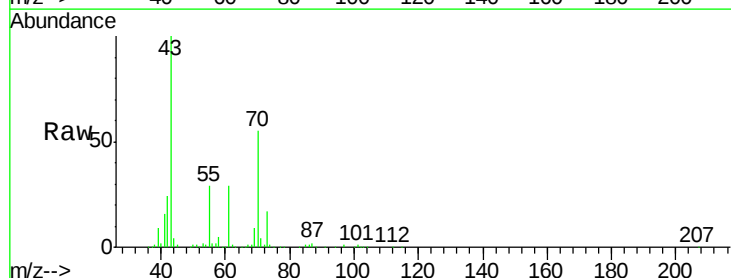
Ion Ratio Lower Upper

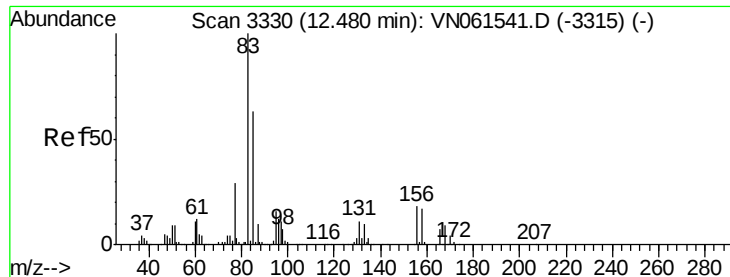
43 100

70 54.6 40.5 60.7

55 29.0 20.6 31.0

61 28.3 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.575 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

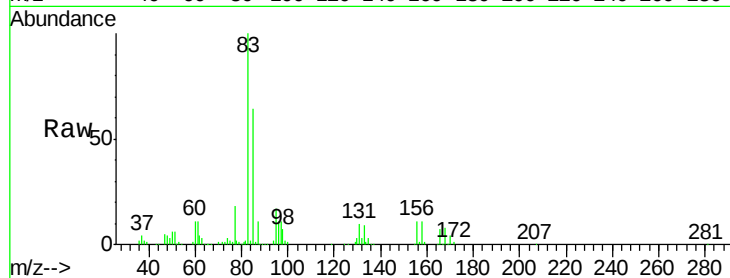
Tot Ion: 83 Resp: 246041

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.5

85 65.1 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO

12.48

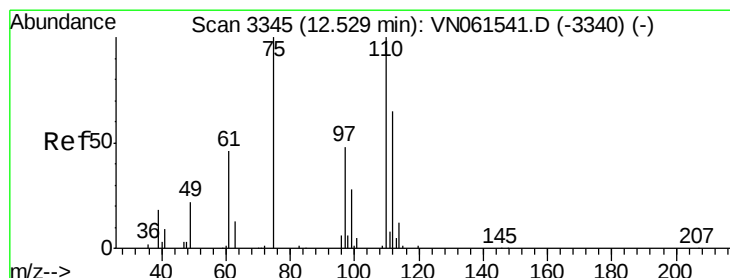
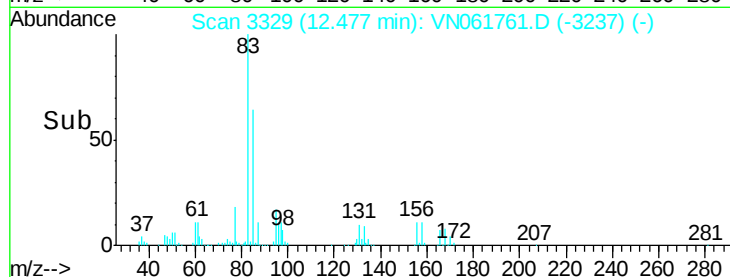
150000

100000

50000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 65.390 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061761.D

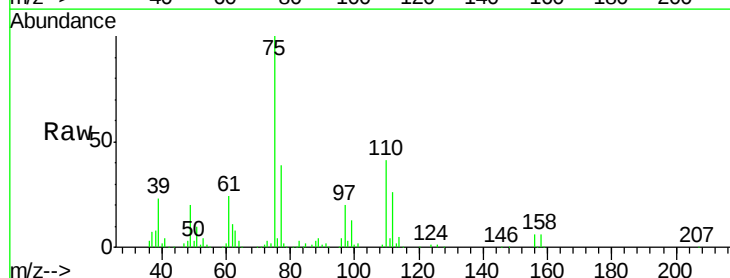
Acq: 11 Jun 2020 20:44

Tgt Ion: 75 Resp: 313842

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO

12.53

250000

200000

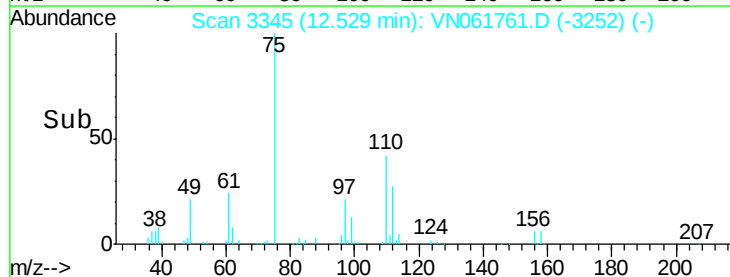
150000

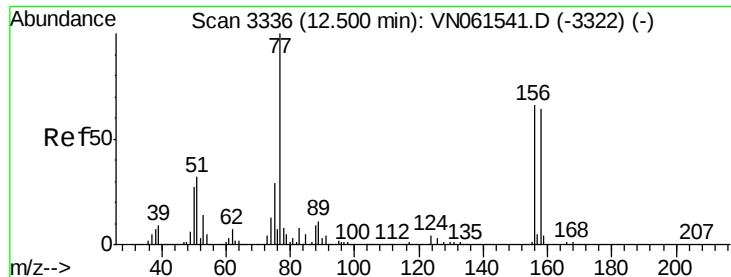
100000

50000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 49.738 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :

MSVOA_N

ClientSampled :

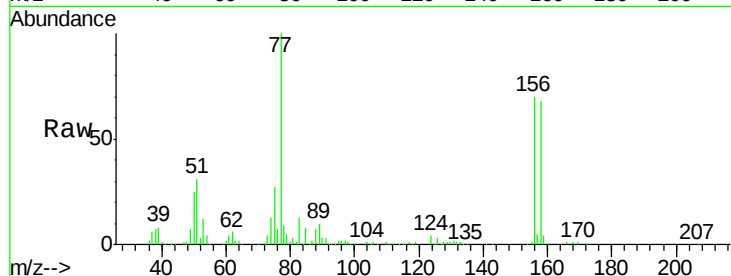
Tot Ion:156 Resp: 244584

Ion Ratio Lower Upper

156 100

77 172.3 90.9 272.7

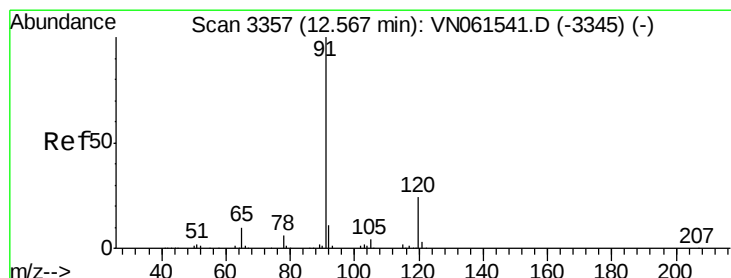
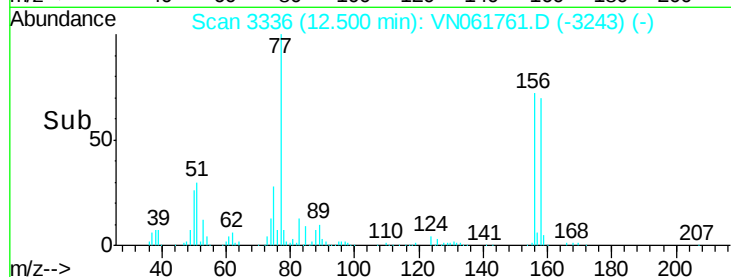
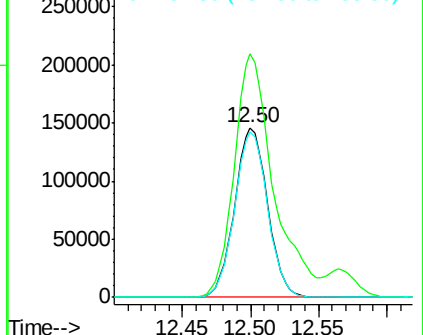
158 97.8 48.4 145.3



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: 47.733 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061761.D

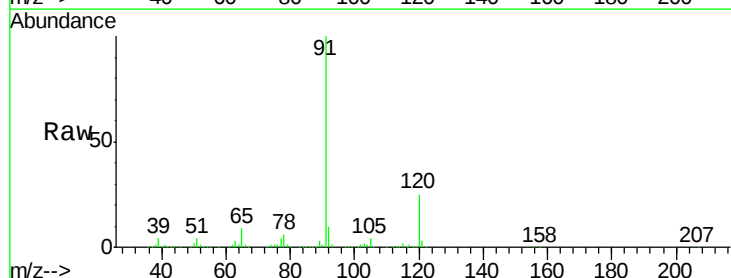
Acq: 11 Jun 2020 20:44

Tgt Ion: 91 Resp: 1026564

Ion Ratio Lower Upper

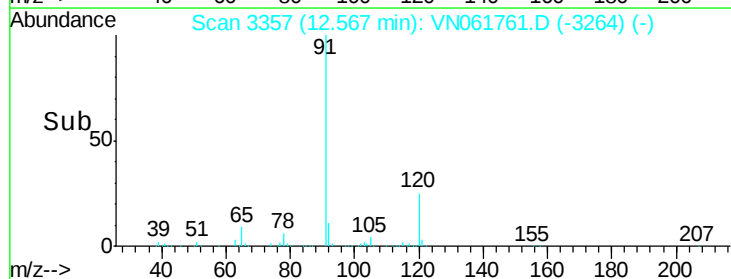
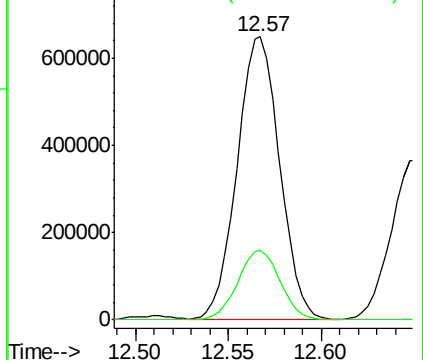
91 100

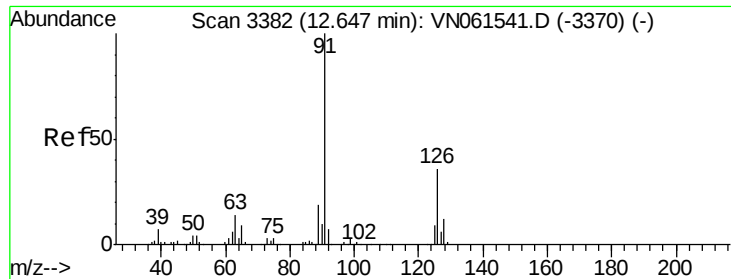
120 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.595 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :

MSVOA_N

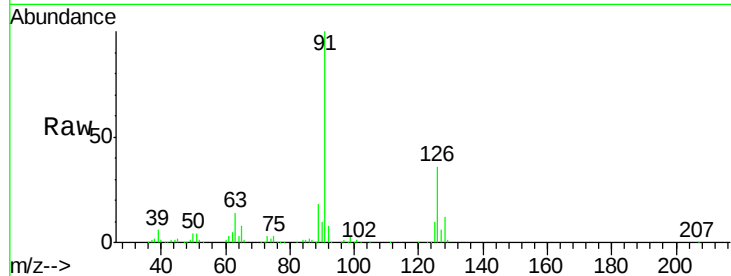
ClientSampleId :

Tot Ion: 91 Resp: 597540

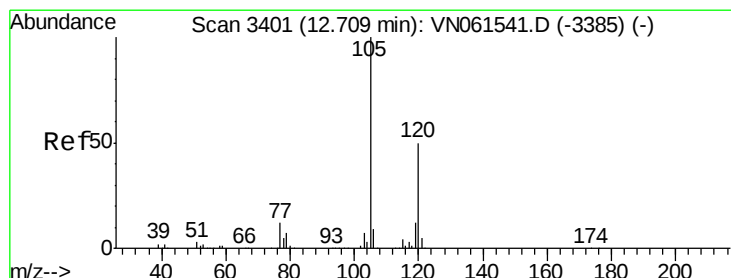
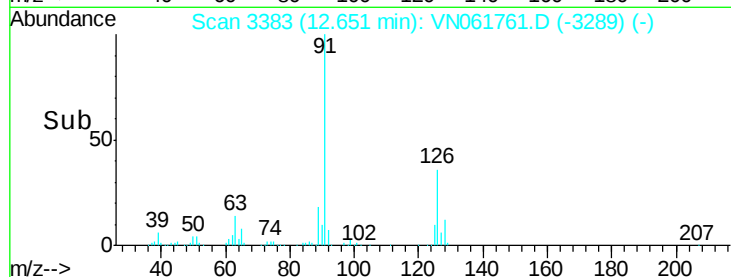
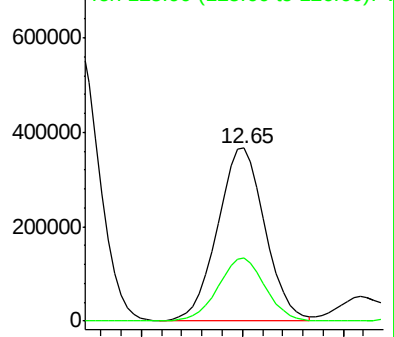
Ion Ratio Lower Upper

91 100

126 36.6 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN061761.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.248 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061761.D

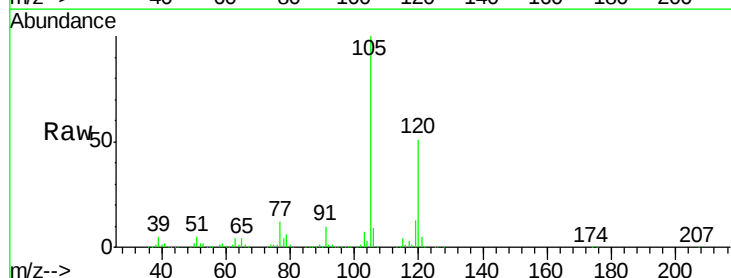
Acq: 11 Jun 2020 20:44

Tgt Ion: 105 Resp: 760766

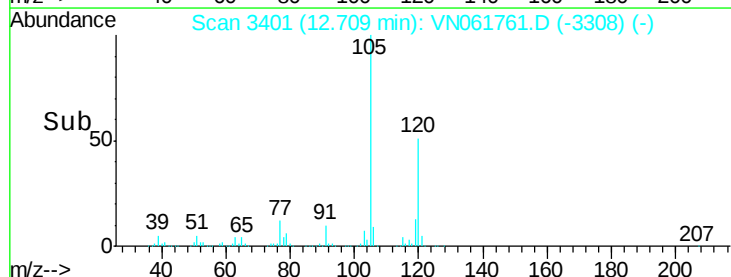
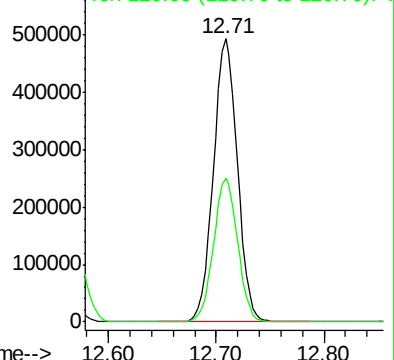
Ion Ratio Lower Upper

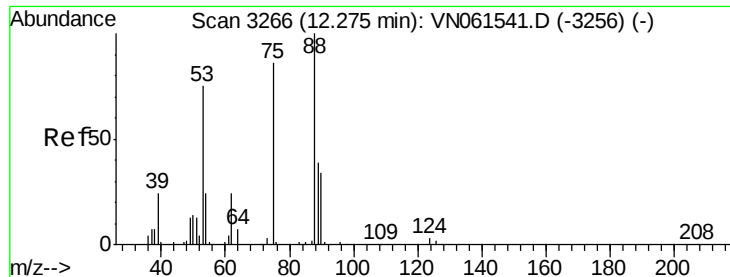
105 100

120 51.2 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061761.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.154 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

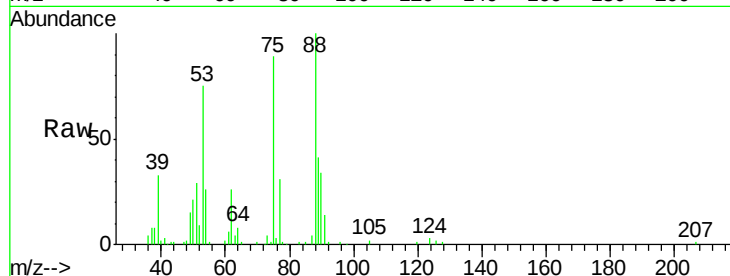
Tot Ion: 75 Resp: 77239

Ion Ratio Lower Upper

75 100

53 85.1 67.8 101.8

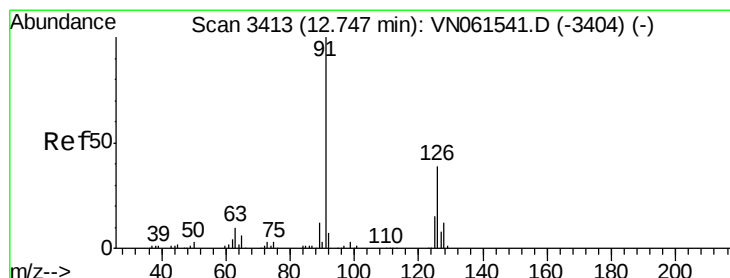
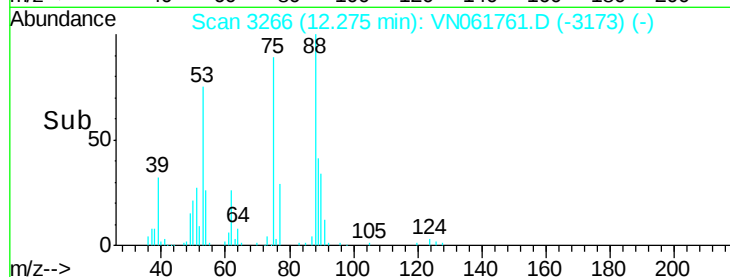
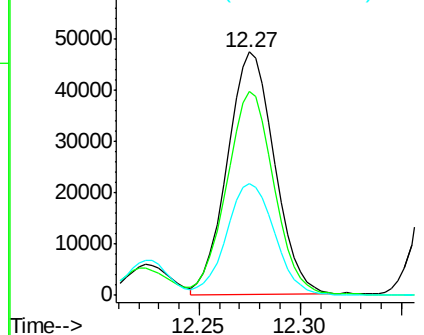
89 47.2 37.1 55.7



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: 46.693 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061761.D

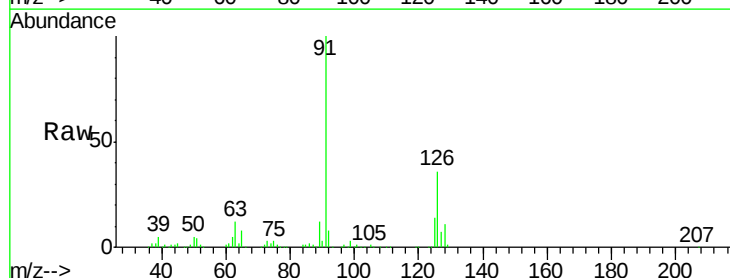
Acq: 11 Jun 2020 20:44

Tgt Ion: 91 Resp: 629938

Ion Ratio Lower Upper

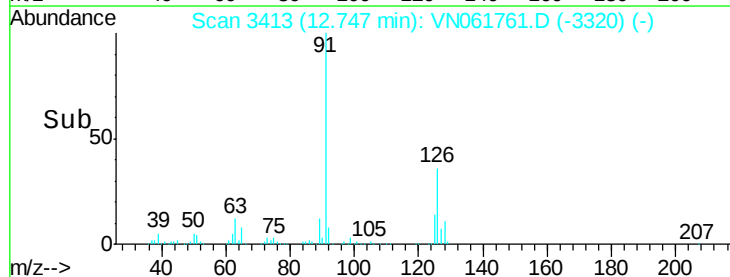
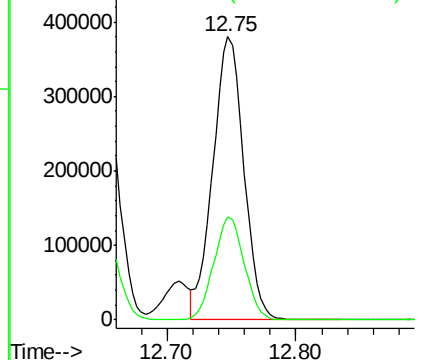
91 100

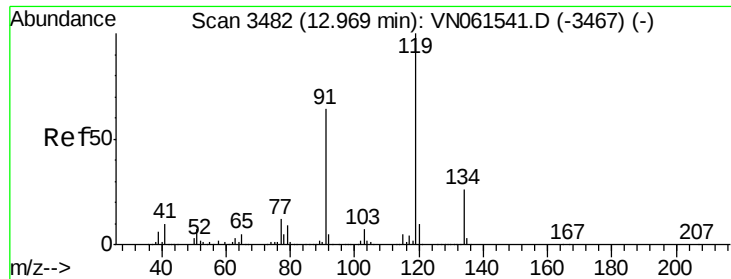
126 35.9 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

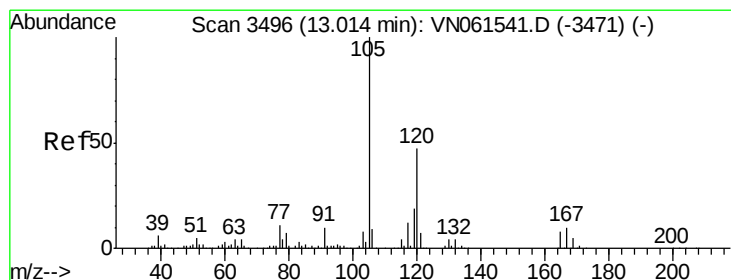
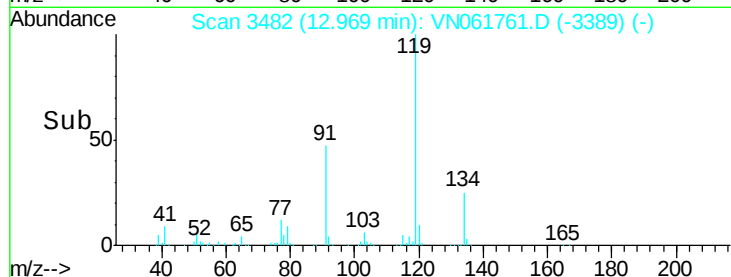
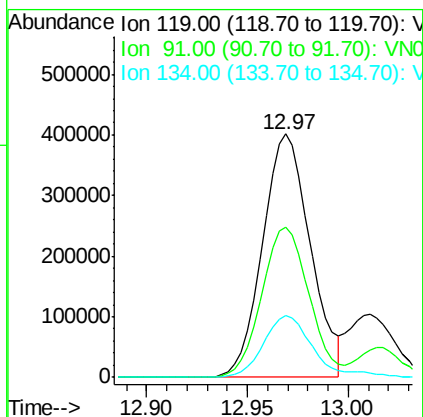
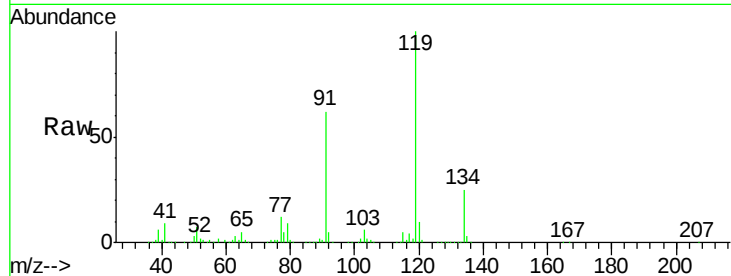




#83
tert-Butylbenzene
Concen: 46.479 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

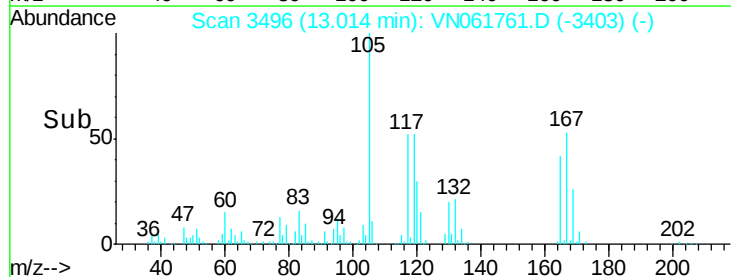
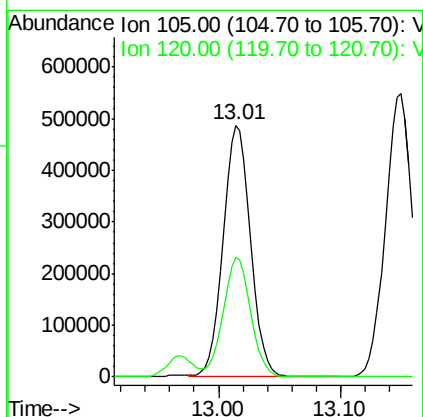
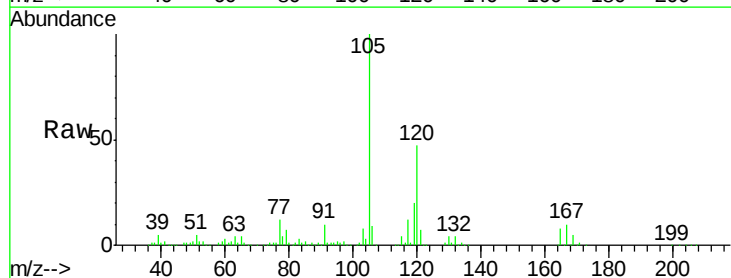
Instrument :
MSVOA_N
ClientSampled :

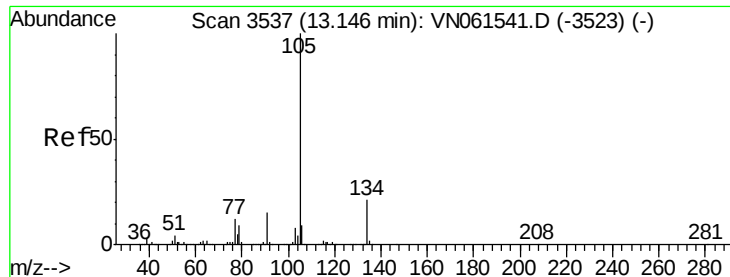
Tot Ion:119 Resp: 661229
Ion Ratio Lower Upper
119 100
91 61.3 31.3 93.8
134 26.5 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 47.861 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Tgt Ion:105 Resp: 765590
Ion Ratio Lower Upper
105 100
120 47.8 23.2 69.5





#85

sec-Butylbenzene

Concen: 46.725 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :

MSVOA_N

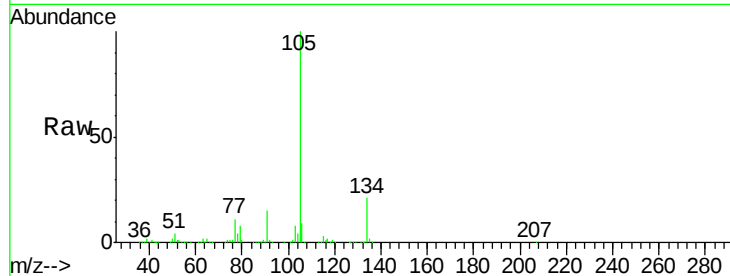
ClientSampled :

Tot Ion:105 Resp: 856572

Ion Ratio Lower Upper

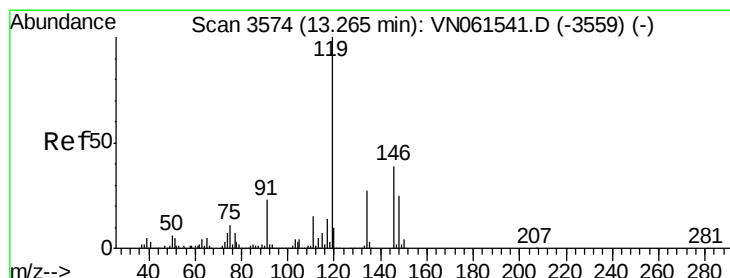
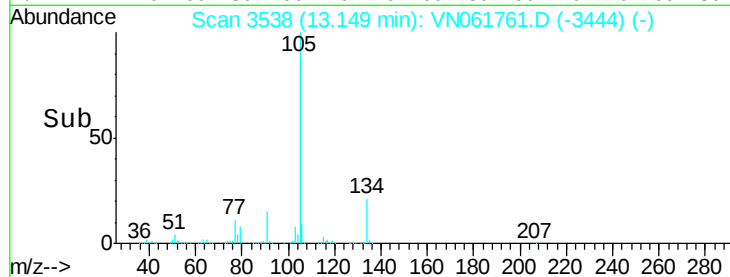
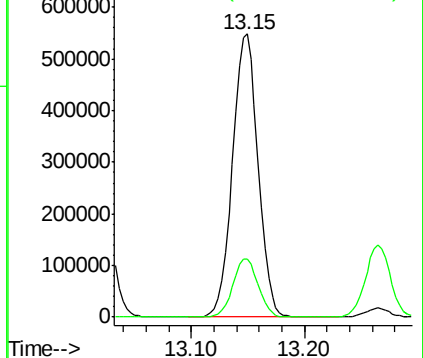
105 100

134 20.7 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: 47.043 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

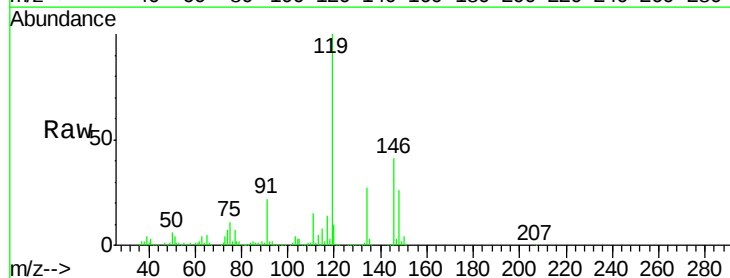
Tgt Ion:119 Resp: 794194

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

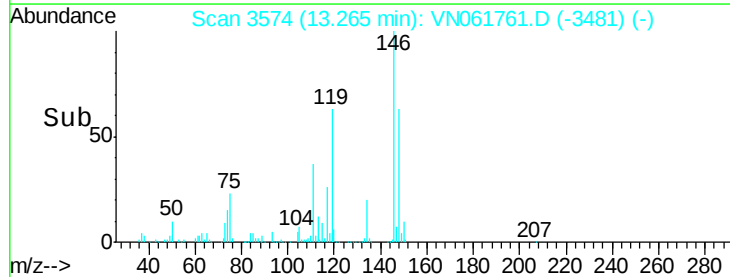
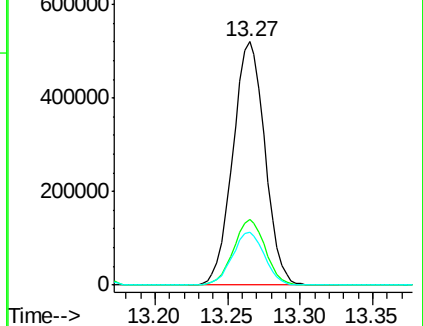
91 21.6 11.4 34.1

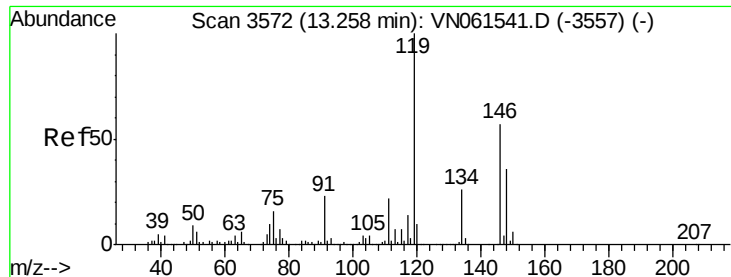


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

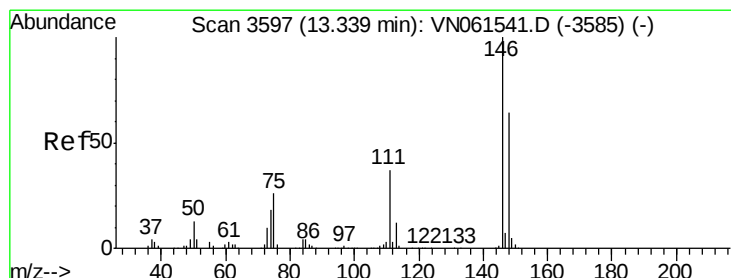
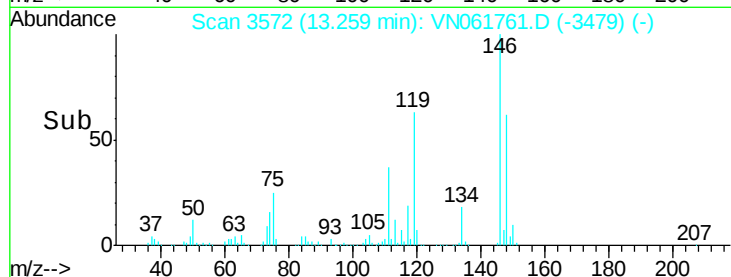
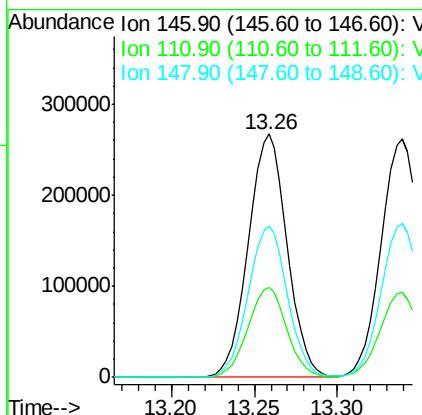
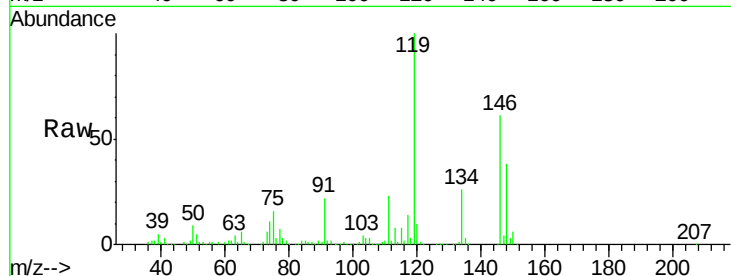




#87
 1,3-Dichlorobenzene
 Concen: 50.130 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

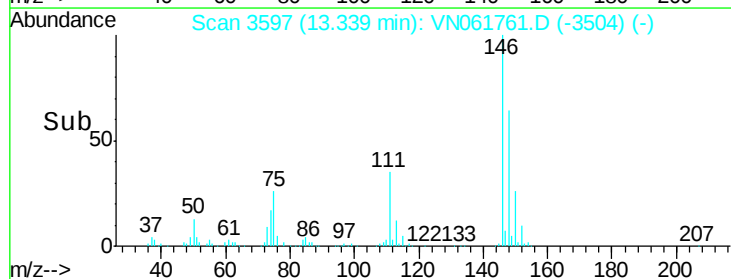
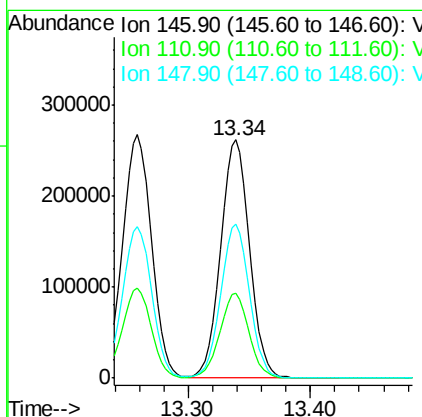
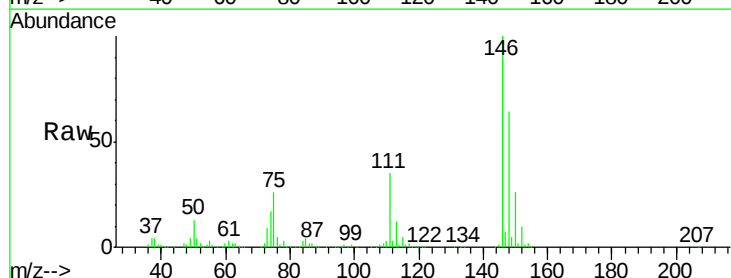
Instrument :
 MSVOA_N
 ClientSampleId :

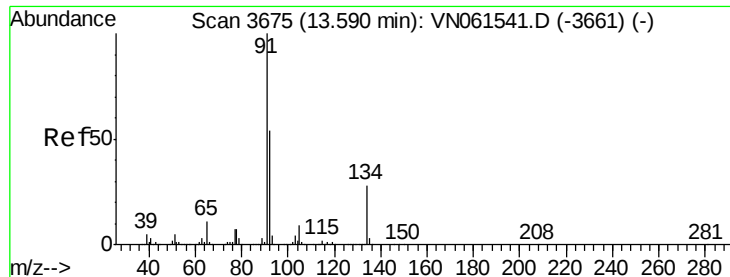
Tot Ion:146 Resp: 436522
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.2 57.6
 148 62.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 49.066 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

Tgt Ion:146 Resp: 435259
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.9 56.9
 148 64.6 31.8 95.3

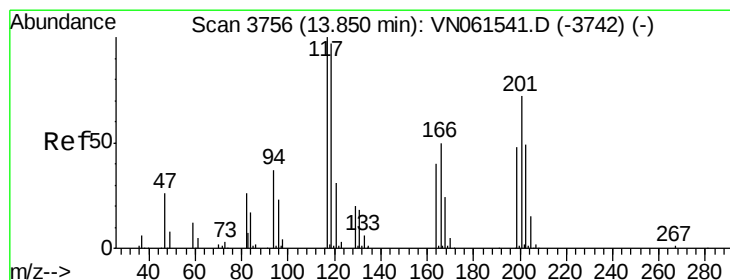
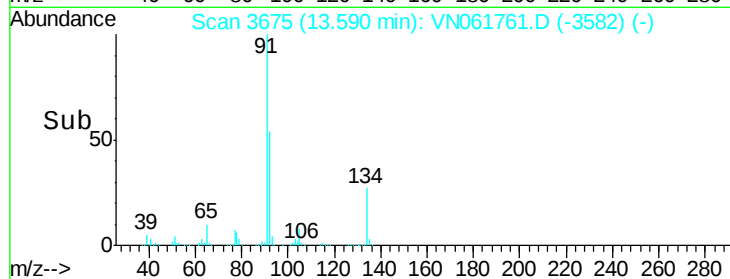
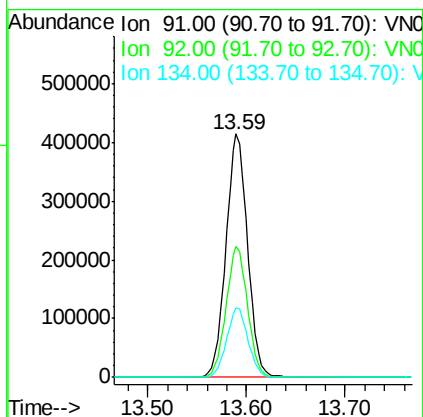
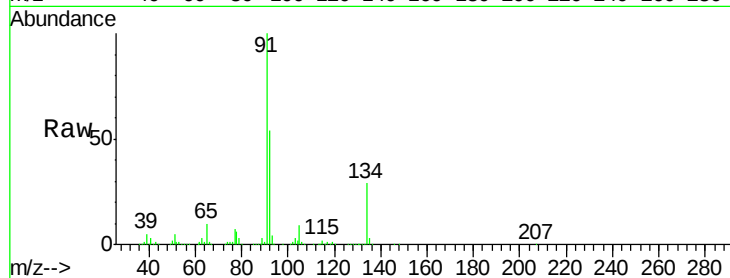




#89
n-Butylbenzene
Concen: 45.087 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

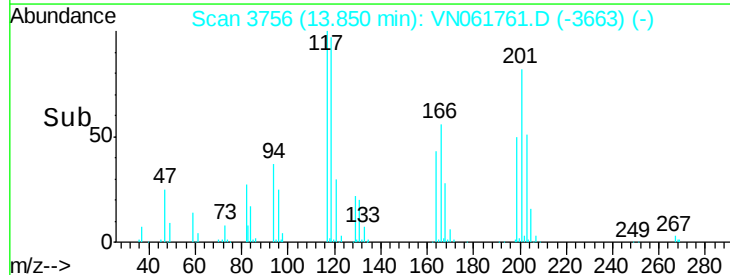
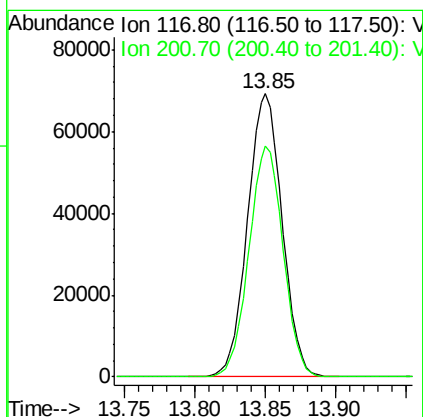
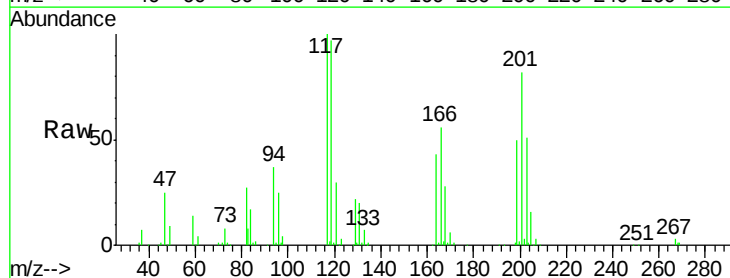
Instrument :
MSVOA_N
ClientSampled :

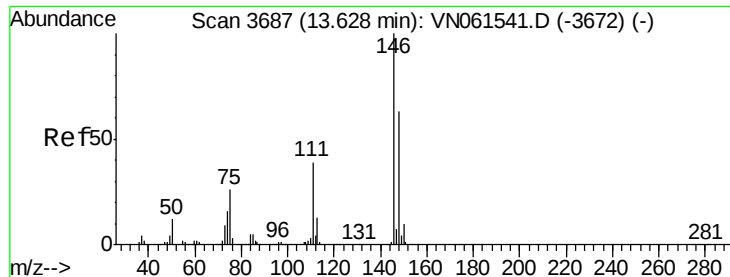
Tot Ion: 91 Resp: 637546
Ion Ratio Lower Upper
91 100
92 53.4 27.2 81.6
134 28.3 14.0 42.0



#90
Hexachloroethane
Concen: 63.598 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061761.D
Acq: 11 Jun 2020 20:44

Tgt Ion: 117 Resp: 118741
Ion Ratio Lower Upper
117 100
201 80.7 36.7 110.1

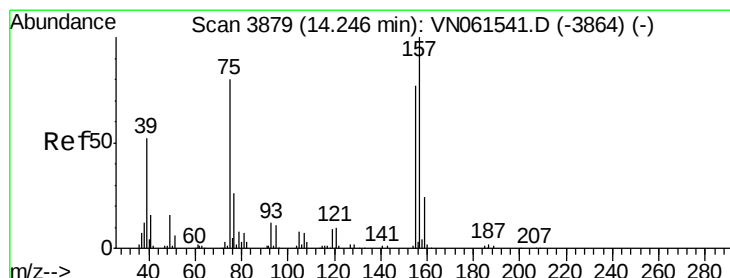
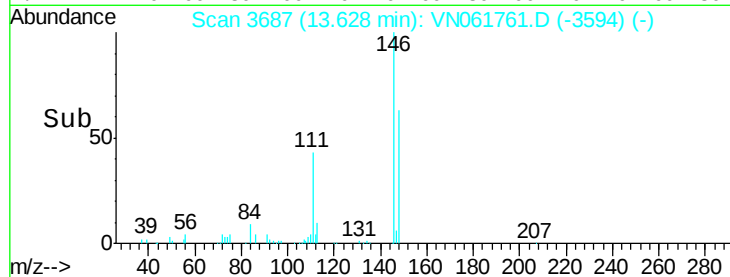
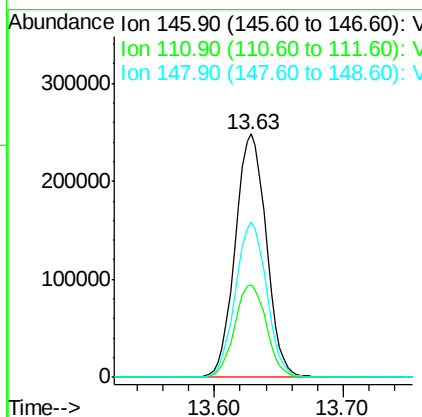
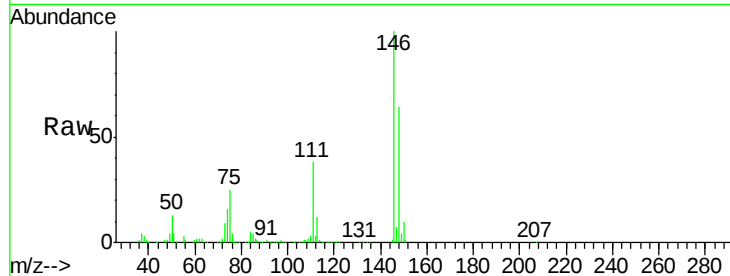




#91
 1,2-Dichlorobenzene
 Concen: 49.988 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

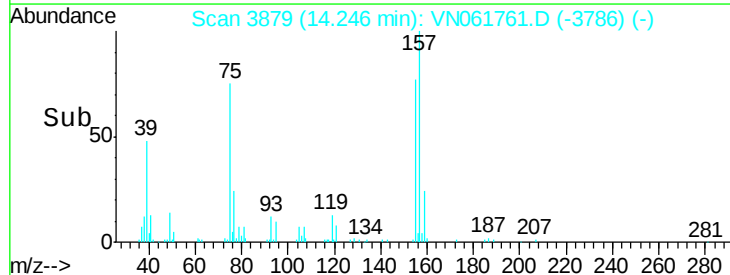
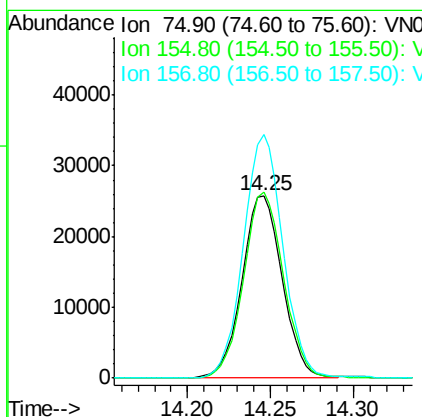
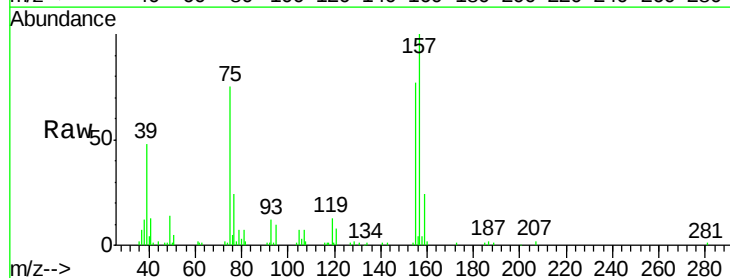
Instrument :
 MSVOA_N
 ClientSampleId :

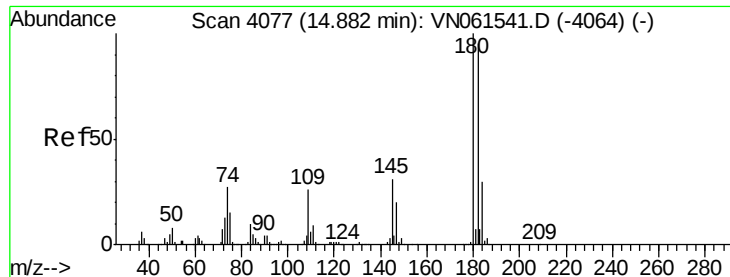
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.1	60.2
148	64.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.427 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.4	47.1	141.4
157	131.5	60.3	180.8

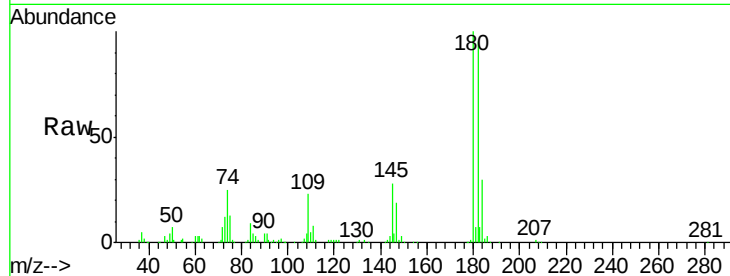




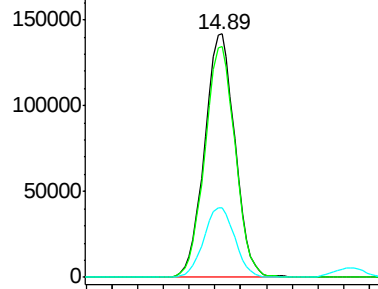
#93
 1,2,4-Trichlorobenzene
 Concen: 47.631 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

Instrument :
 MSVOA_N
 ClientSampleId :

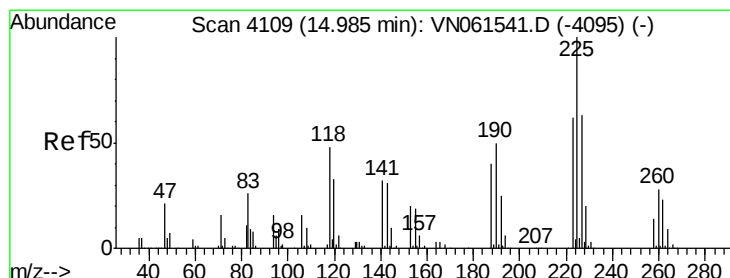
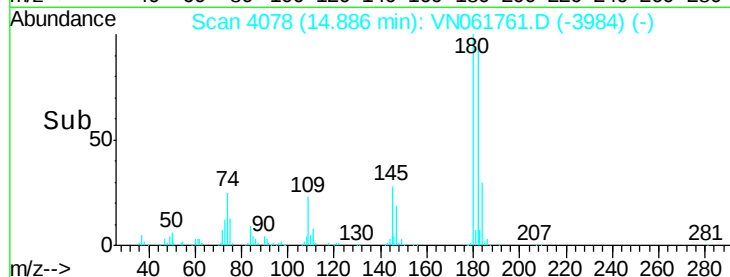
Tot Ion:180 Resp: 231814
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.8 143.3
 145 29.4 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

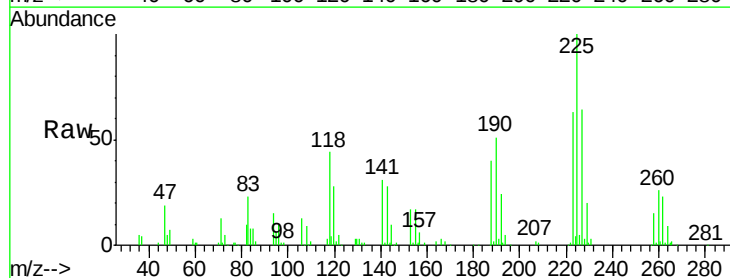


Time--> 14.80 14.90

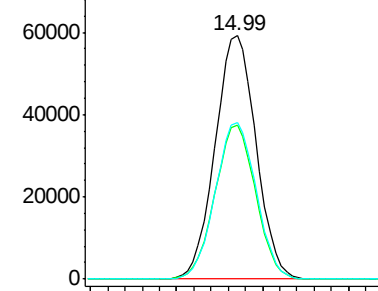


#94
 Hexachlorobutadiene
 Concen: 47.006 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061761.D
 Acq: 11 Jun 2020 20:44

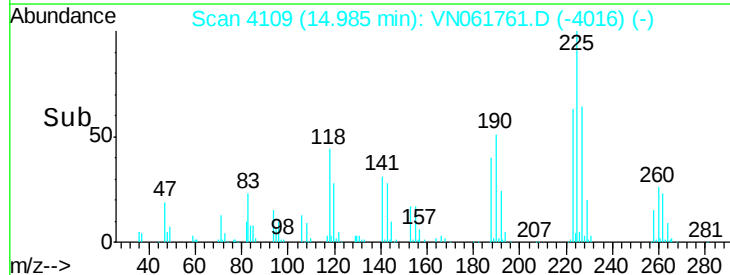
Tgt Ion:225 Resp: 97568
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.9 95.5
 227 64.2 31.9 95.9

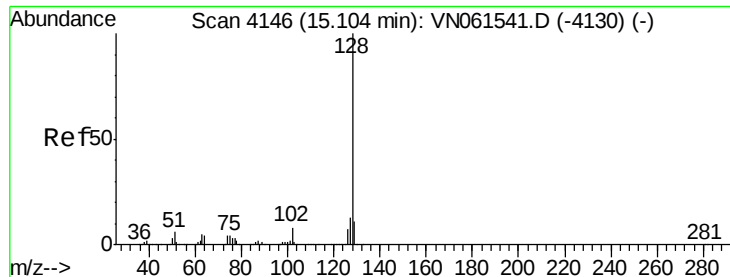


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time--> 14.90 14.95 15.00 15.05





#95

Naphthalene

Concen: 43.120 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

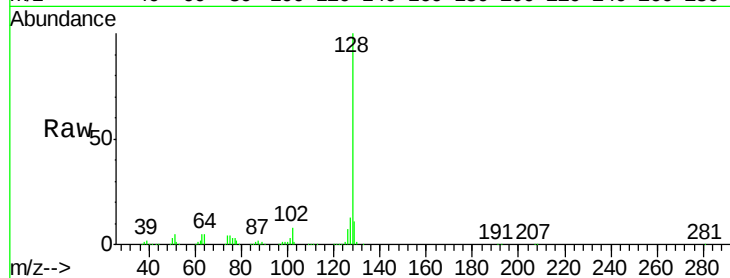
Tot Ion:128 Resp: 638752

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

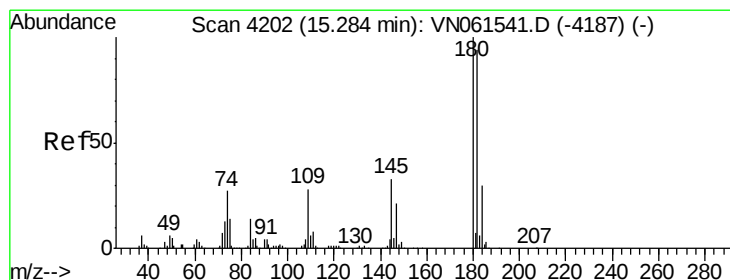
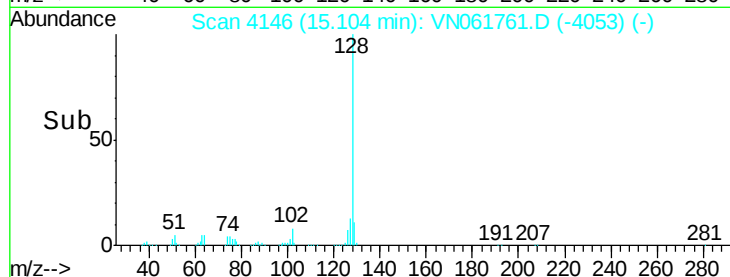
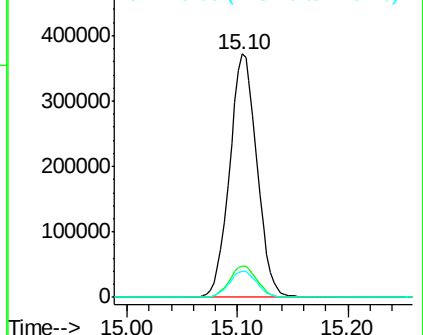
129 10.9 8.5 12.7



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: 47.625 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061761.D

Acq: 11 Jun 2020 20:44

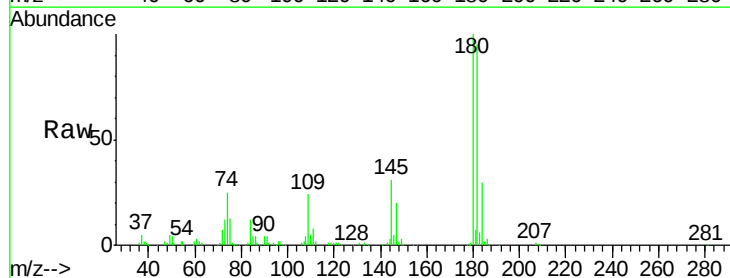
Tgt Ion:180 Resp: 227890

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.3

145 31.5 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

