

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061782.D
 Acq On : 12 Jun 2020 11:43
 Operator : JC/MD
 Sample : VN0612WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Quant Time: Jun 13 05:09:32 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	7.62	168	324084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	504305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	482678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241930	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	188103	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	7.54	113	150631	58.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.76%	
50) Toluene-d8	10.06	98	630449	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
62) 4-Bromofluorobenzene	12.38	95	223475	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	67257	18.710	ug/l	98
3) Chloromethane	2.03	50	66215	16.751	ug/l	100
4) Vinyl Chloride	2.16	62	89426	16.509	ug/l	97
5) Bromomethane	2.53	94	60100	19.336	ug/l	99
6) Chloroethane	2.67	64	61289	17.579	ug/l	99
7) Trichlorofluoromethane	2.98	101	127298	18.224	ug/l	99
8) Diethyl Ether	3.37	74	40025	18.739	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	62951	20.309	ug/l	96
10) Methyl Iodide	3.91	142	84395	19.613	ug/l	97
11) Tert butyl alcohol	4.72	59	53016	103.226	ug/l #	83
12) 1,1-Dichloroethene	3.69	96	57992	17.512	ug/l	97
13) Acrolein	3.57	56	10226	43.407	ug/l	100
14) Allyl chloride	4.27	41	70540	16.293	ug/l	96
15) Acrylonitrile	4.93	53	130290	90.887	ug/l	99
16) Acetone	3.77	43	103239	93.124	ug/l	95
17) Carbon Disulfide	4.01	76	122153	16.766	ug/l	98
18) Methyl Acetate	4.27	43	63884	18.276	ug/l	96
19) Methyl tert-butyl Ether	4.98	73	204134	18.087	ug/l	98
20) Methylene Chloride	4.50	84	71154	19.203	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	66917	17.918	ug/l	90
22) Diisopropyl ether	5.90	45	174535	18.291	ug/l	97
23) Vinyl Acetate	5.84	43	636910	83.746	ug/l	97
24) 1,1-Dichloroethane	5.79	63	111288	18.392	ug/l	99
25) 2-Butanone	6.78	43	156698	85.629	ug/l	95
26) 2,2-Dichloropropane	6.77	77	101425	18.314	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	79036	18.690	ug/l	99
28) Bromochloromethane	7.15	49	45423	19.135	ug/l	93
29) Tetrahydrofuran	7.16	42	103368	85.661	ug/l	98
30) Chloroform	7.32	83	129831	19.395	ug/l	99
31) Cyclohexane	7.61	56	90291	16.592	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	110235	18.072	ug/l	99
36) 1,1-Dichloropropene	7.75	75	86788	19.440	ug/l	100
37) Ethyl Acetate	6.88	43	65825	18.306	ug/l	96
38) Carbon Tetrachloride	7.73	117	89368	20.753	ug/l	96

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 Misc : 5.00mL/MSVOA N/WATER
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Instrument :
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Quant Time: Jun 13 05:09:32 2020
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.04	83	98339	17.871	ug/l	95
40) Benzene	8.00	78	280304	20.349	ug/l	100
41) Methacrylonitrile	7.12	41	29127	17.680	ug/l	97
42) 1,2-Dichloroethane	8.09	62	91341	19.807	ug/l	98
43) Isopropyl Acetate	8.12	43	112831	17.441	ug/l #	90
44) Trichloroethene	8.80	130	86474	20.427	ug/l	93
45) 1,2-Dichloropropane	9.08	63	68891	21.062	ug/l	99
46) Dibromomethane	9.17	93	50464	20.116	ug/l	95
47) Bromodichloromethane	9.37	83	103257	20.776	ug/l	100
48) Methyl methacrylate	9.17	41	49866	17.133	ug/l	96
49) 1,4-Dioxane	9.16	88	25854	573.384	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	337697	92.632	ug/l	99
52) Toluene	10.12	92	186285	20.720	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	105900	19.779	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	117295	20.375	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	78043	21.788	ug/l	96
56) Ethyl methacrylate	10.40	69	95810	19.148	ug/l	98
57) 1,3-Dichloropropane	10.68	76	119711	20.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	193906	90.684	ug/l	99
59) 2-Hexanone	10.72	43	233701	89.262	ug/l	97
60) Dibromochloromethane	10.87	129	87793	21.559	ug/l	99
61) 1,2-Dibromoethane	10.98	107	79181	21.196	ug/l	99
64) Tetrachloroethene	10.60	164	90593	19.939	ug/l	98
65) Chlorobenzene	11.40	112	205850	20.517	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	79615	21.311	ug/l	99
67) Ethyl Benzene	11.48	91	343094	19.785	ug/l	99
68) m/p-Xylenes	11.59	106	269468	39.191	ug/l	98
69) o-Xylene	11.92	106	126170	19.320	ug/l	99
70) Styrene	11.94	104	216003	19.972	ug/l	99
71) Bromoform	12.10	173	60094	20.876	ug/l #	99
73) Isopropylbenzene	12.22	105	338281	19.158	ug/l	99
74) N-amyl acetate	12.04	43	93160	16.753	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	97391	19.682	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	121266	27.565	ug/l #	100
77) Bromobenzene	12.50	156	89632	19.886	ug/l	99
78) n-propylbenzene	12.57	91	379725	19.263	ug/l	98
79) 2-Chlorotoluene	12.65	91	224387	19.090	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	282711	19.156	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	29175	16.959	ug/l	95
82) 4-Chlorotoluene	12.75	91	233916	18.917	ug/l	97
83) tert-Butylbenzene	12.97	119	240544	18.447	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	284690	19.417	ug/l	99
85) sec-Butylbenzene	13.15	105	310954	18.506	ug/l	100
86) p-Isopropyltoluene	13.26	119	295663	19.107	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	161474	20.231	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	164246	20.200	ug/l	99
89) n-Butylbenzene	13.59	91	230267	17.766	ug/l	99
90) Hexachloroethane	13.85	117	41358	24.167	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	159817	20.953	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	16407	16.258	ug/l	88

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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

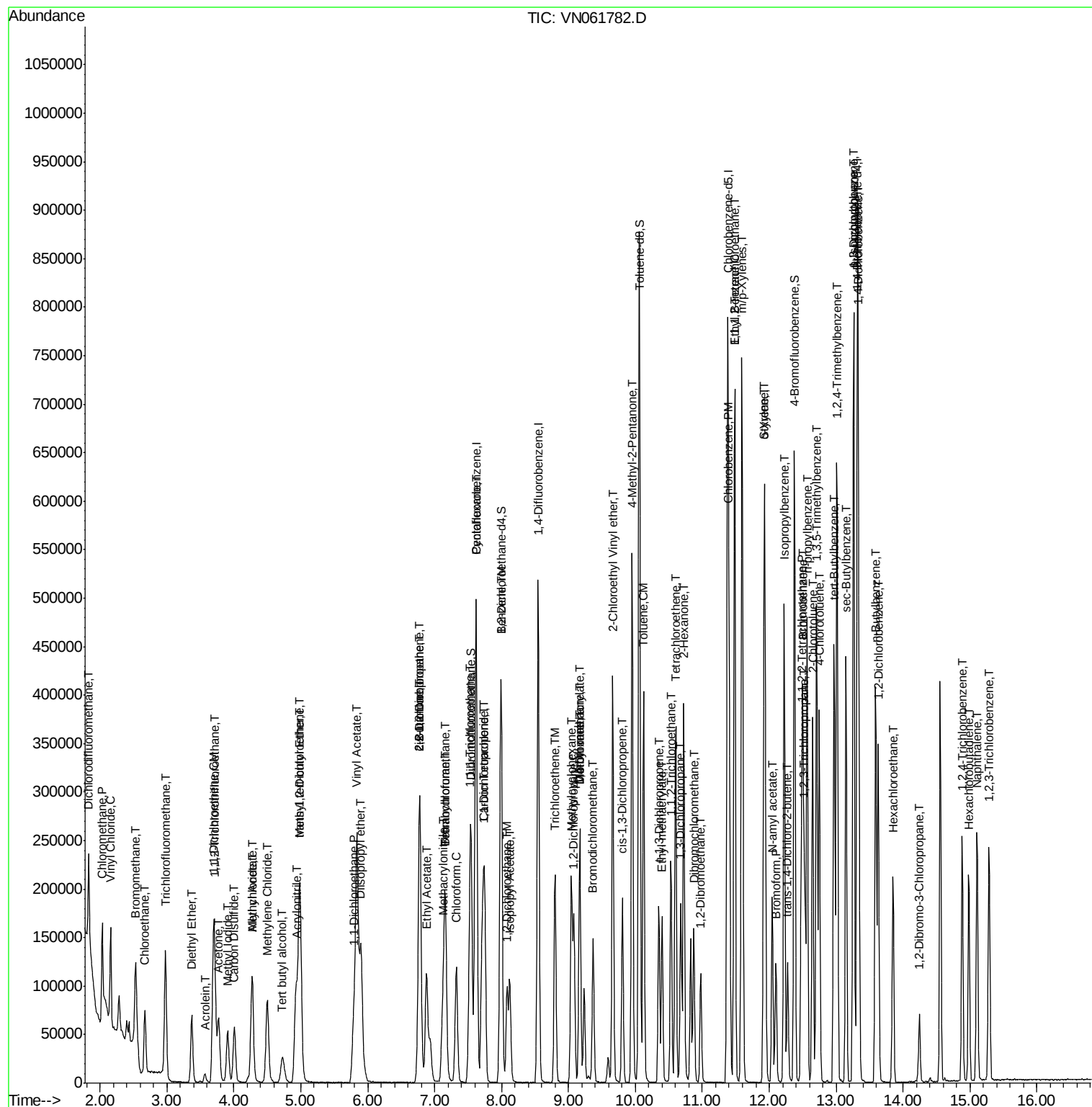
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	85423	19.149	ug/l	99
94) Hexachlorobutadiene	14.99	225	39635	20.833	ug/l	100
95) Naphthalene	15.10	128	234720	17.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	85684	19.536	ug/l	98

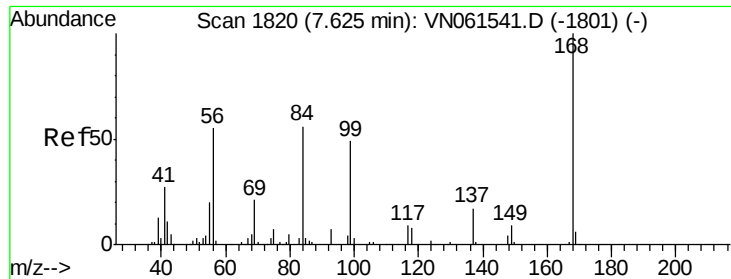
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
Data File : VN061782.D
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Sample : VN0612WBSD01
Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
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Quant Time: Jun 13 05:09:32 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

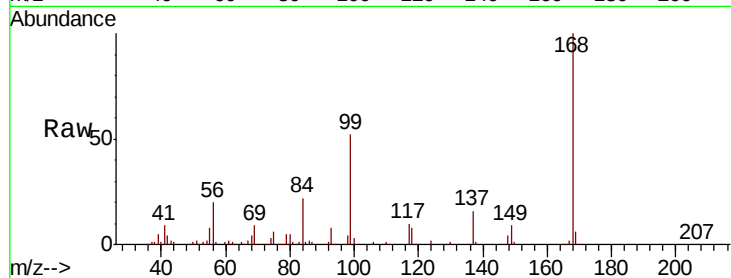
VN0612WBSD01

Tot Ion:168 Resp: 324084

Ion Ratio Lower Upper

168 100

99 51.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

150000

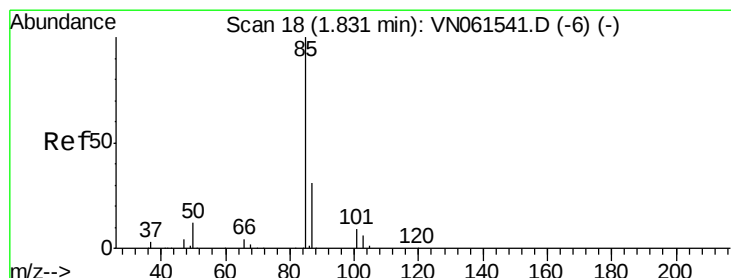
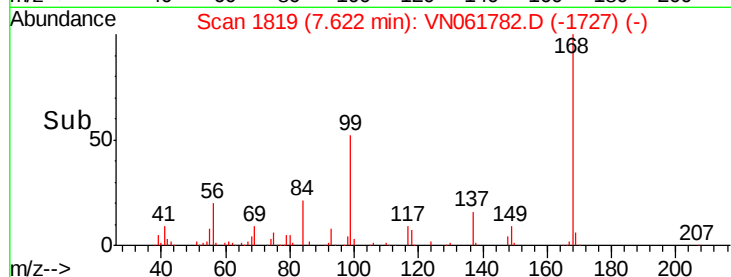
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.710 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061782.D

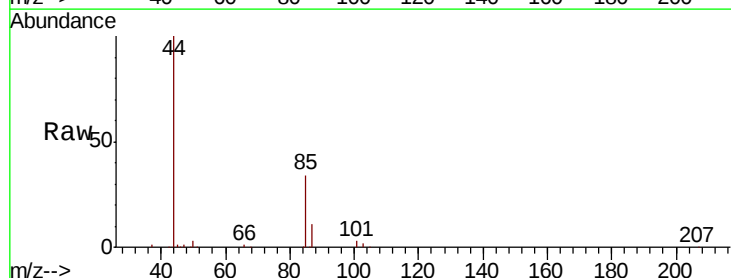
Acq: 12 Jun 2020 11:43

Tgt Ion: 85 Resp: 67257

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

50000

40000

30000

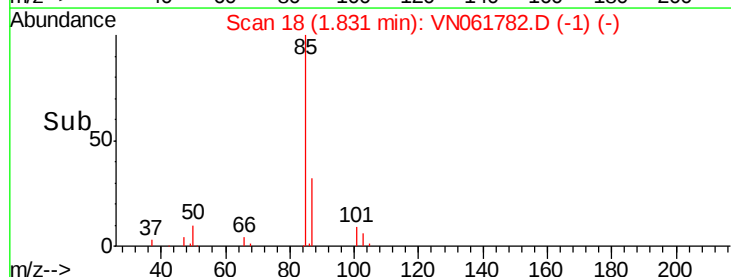
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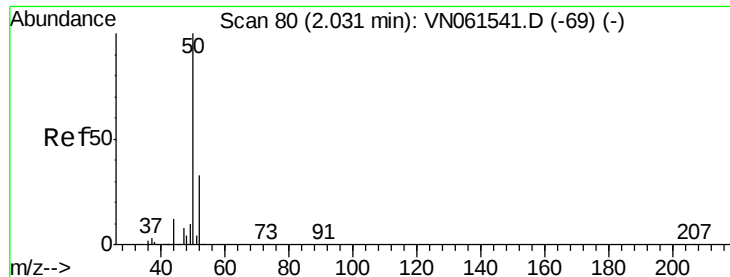
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 16.751 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

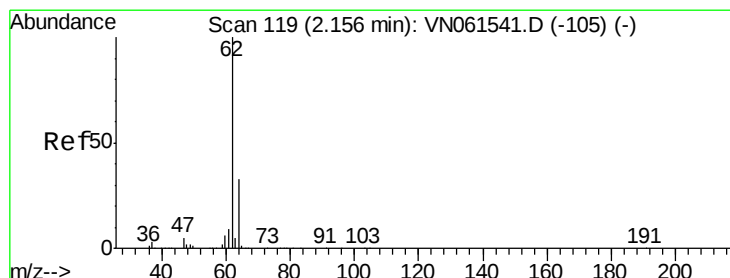
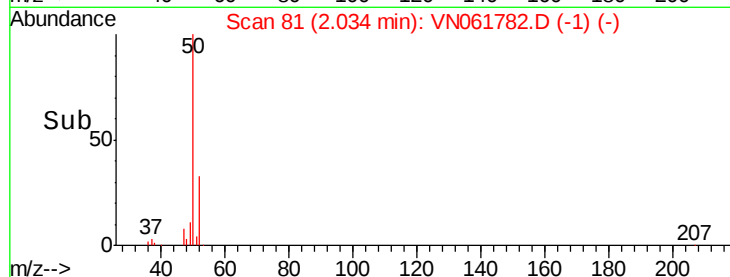
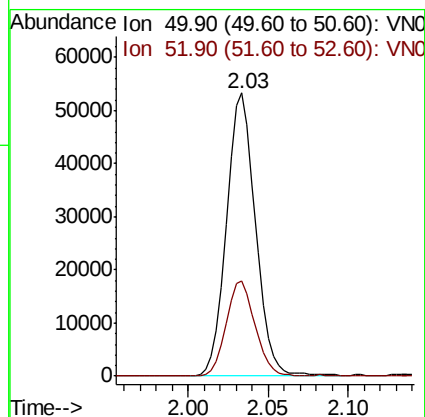
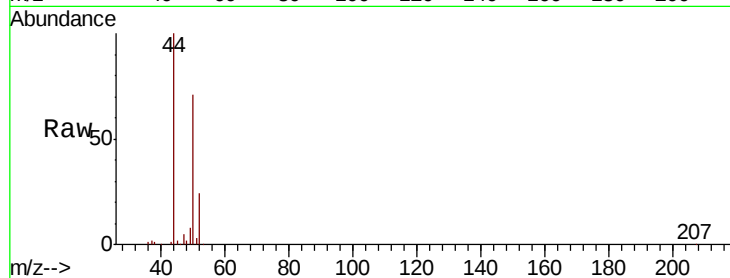
VN0612WBSD01

Tot Ion: 50 Resp: 66215

Ion Ratio Lower Upper

50 100

52 33.4 26.7 40.1



#4

Vinyl Chloride

Concen: 16.509 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061782.D

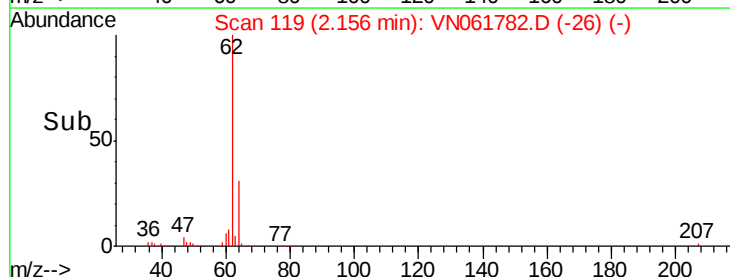
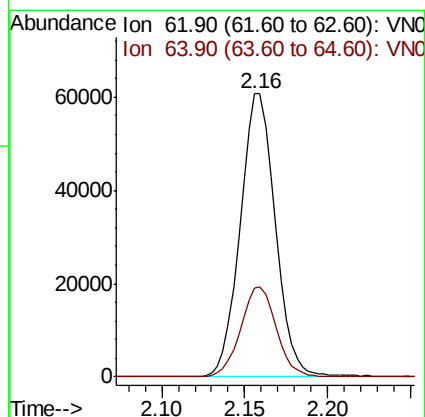
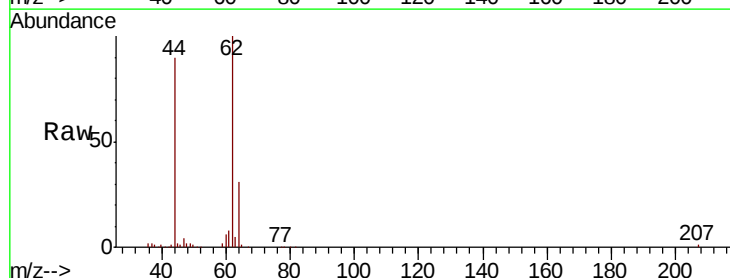
Acq: 12 Jun 2020 11:43

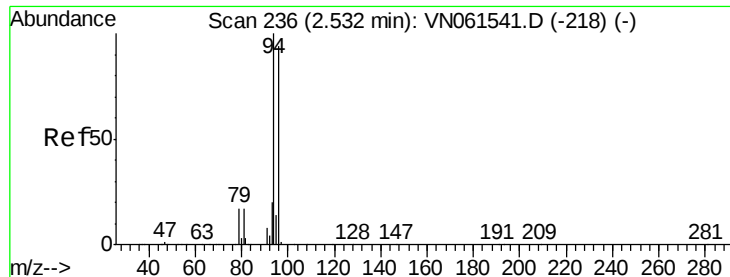
Tgt Ion: 62 Resp: 89426

Ion Ratio Lower Upper

62 100

64 31.3 26.2 39.2





#5

Bromomethane

Concen: 19.336 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

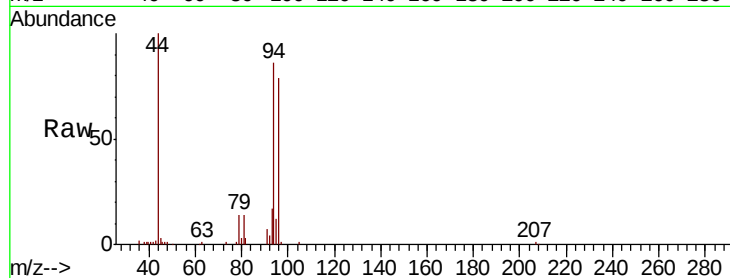
VN0612WBSD01

Tot Ion: 94 Resp: 60100

Ion Ratio Lower Upper

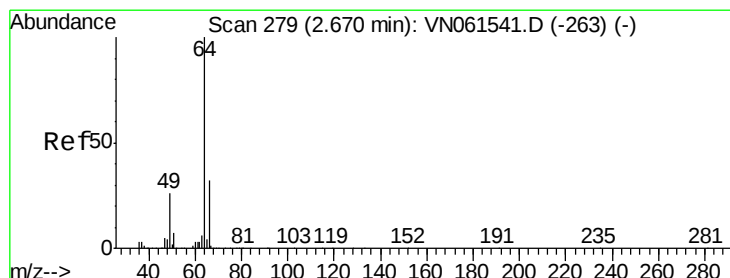
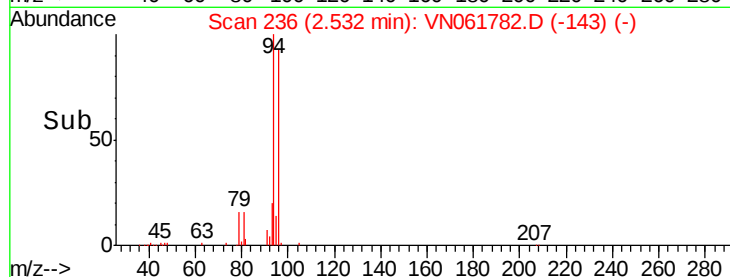
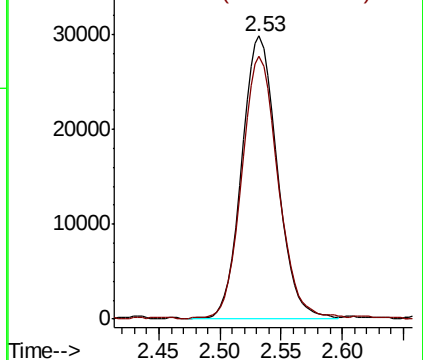
94 100

96 92.7 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: 17.579 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061782.D

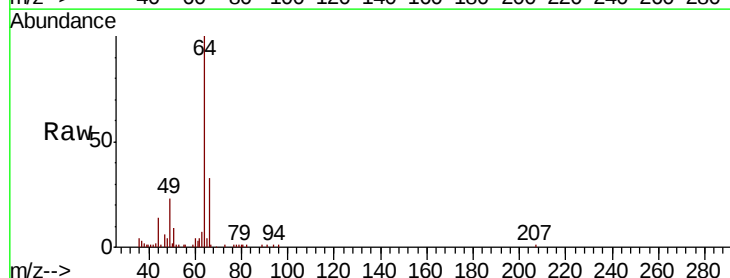
Acq: 12 Jun 2020 11:43

Tgt Ion: 64 Resp: 61289

Ion Ratio Lower Upper

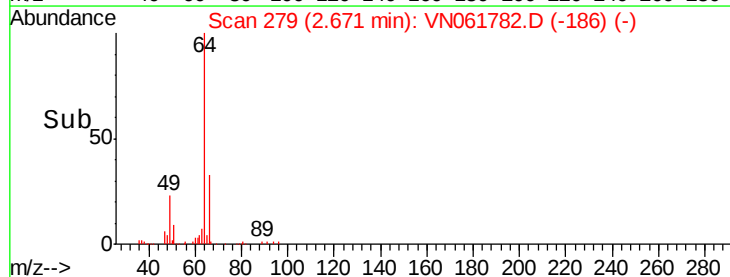
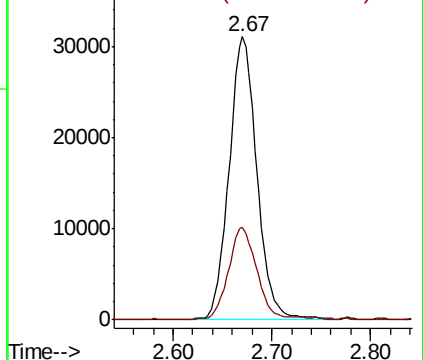
64 100

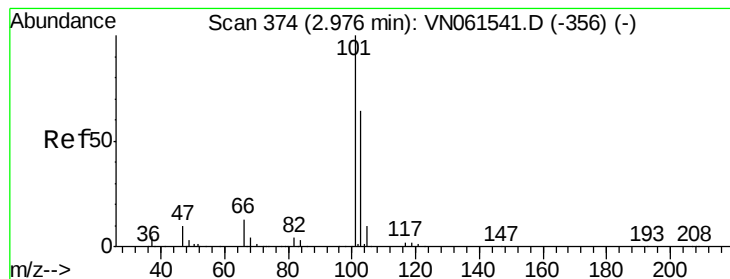
66 32.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



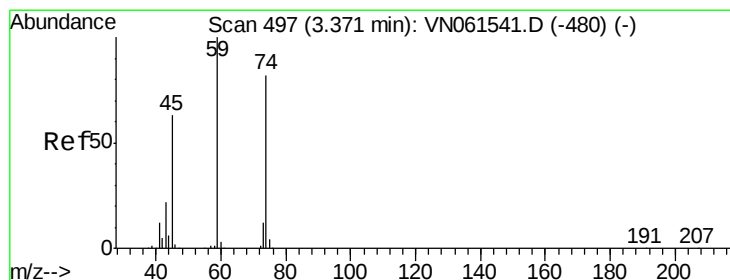
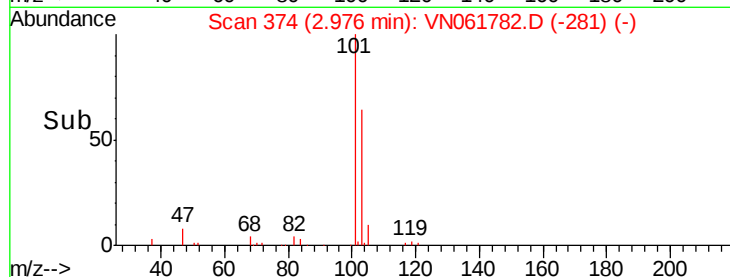
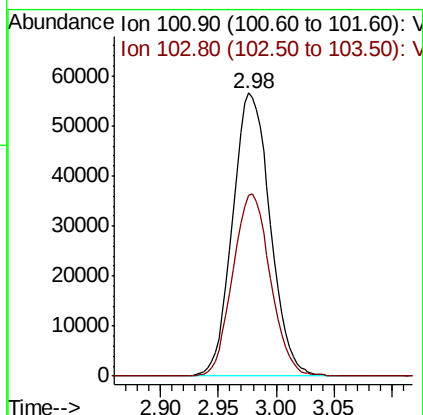
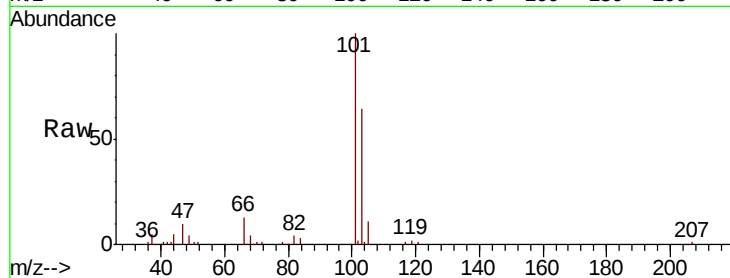


#7

Trichlorofluoromethane
 Concen: 18.224 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Instrument :
 MSVOA_N
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 VN0612WBSD01

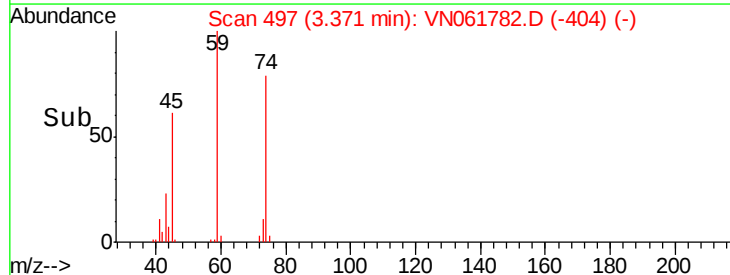
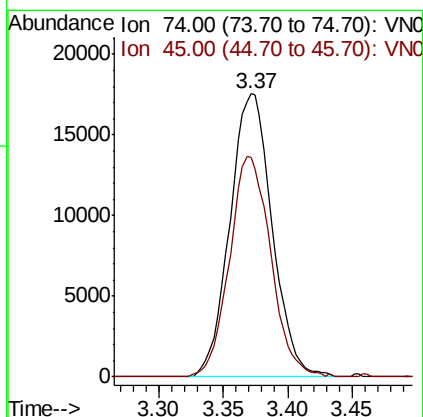
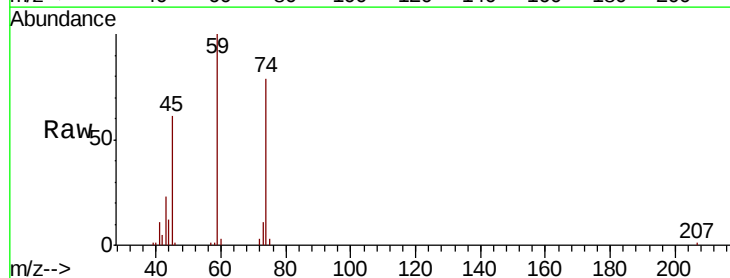
Tot Ion:101 Resp: 127298
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.2

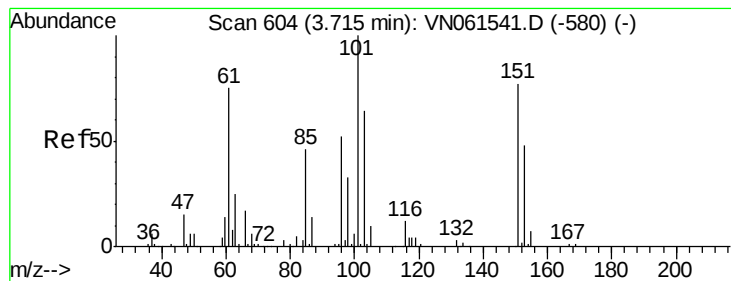


#8

Diethyl Ether
 Concen: 18.739 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion: 74 Resp: 40025
 Ion Ratio Lower Upper
 74 100
 45 76.1 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.309 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

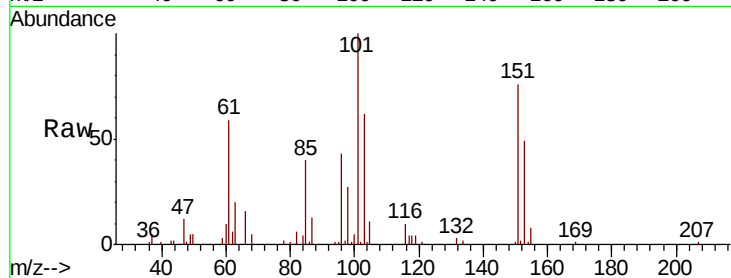
Tot Ion:101 Resp: 62951

Ion Ratio Lower Upper

101 100

85 41.2 35.2 52.8

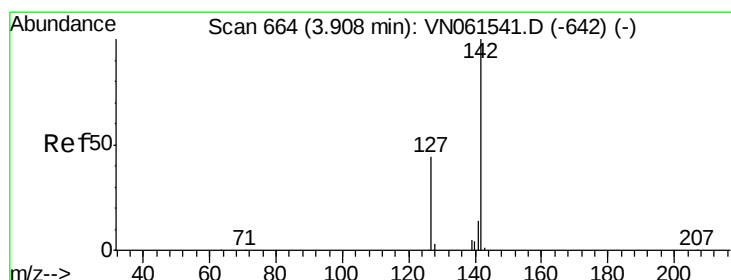
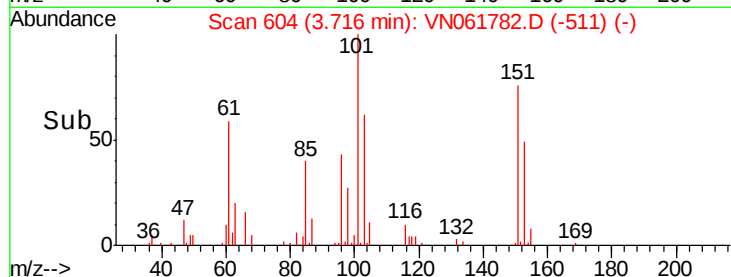
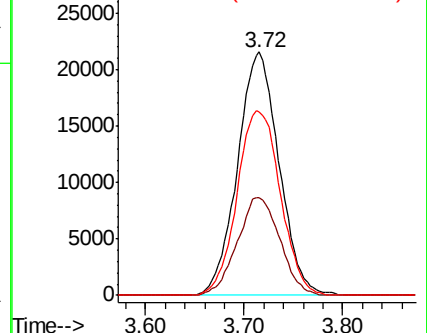
151 79.0 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.613 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

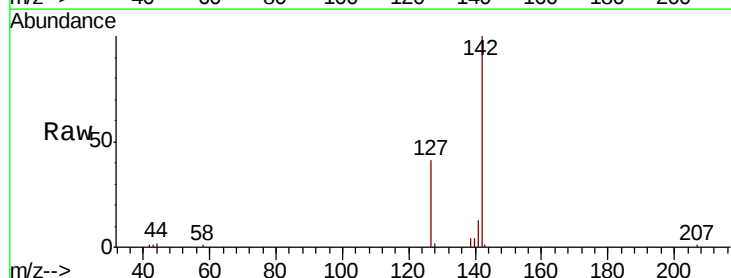
Tgt Ion:142 Resp: 84395

Ion Ratio Lower Upper

142 100

127 42.5 35.5 53.3

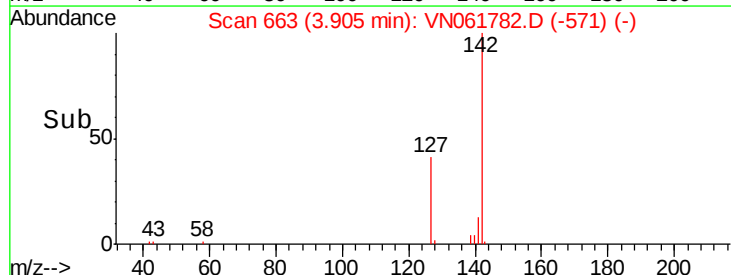
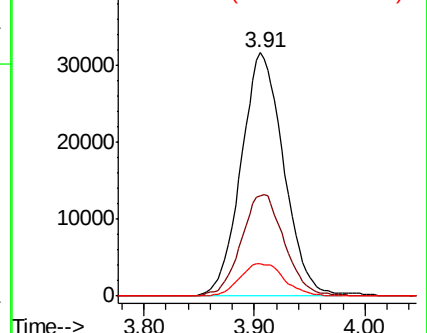
141 13.8 11.5 17.3

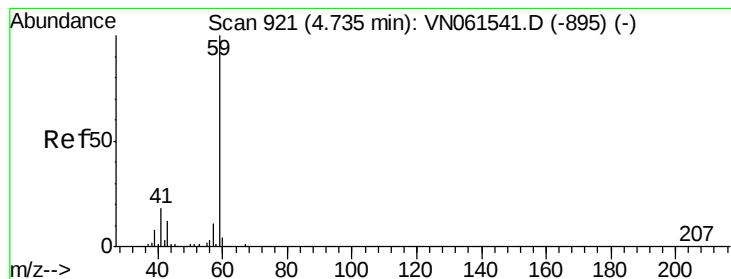


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



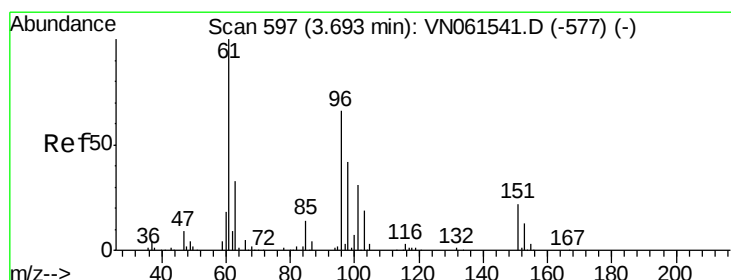
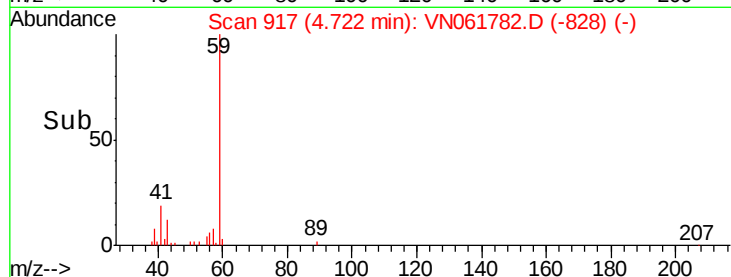
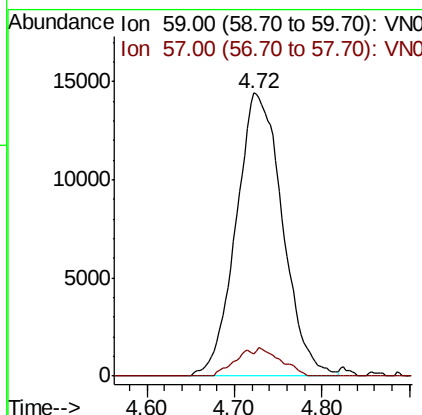
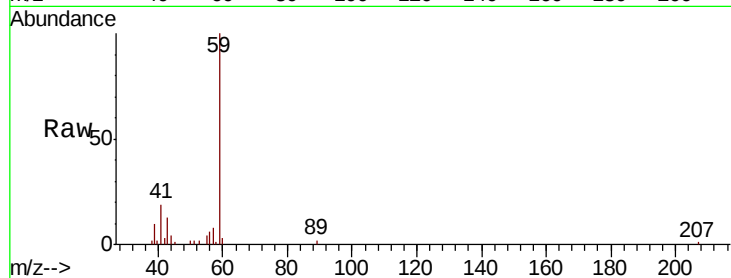


#11

Tert butyl alcohol
Concen: 103.226 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

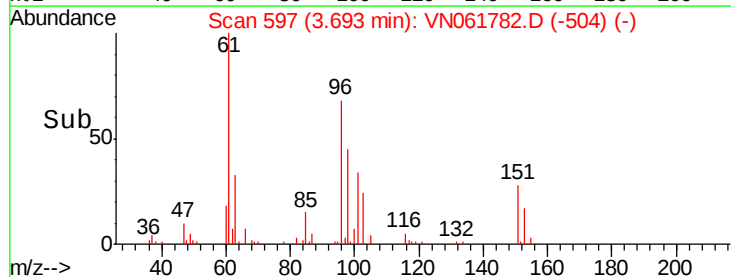
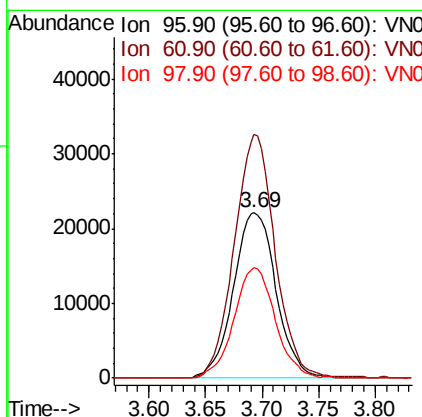
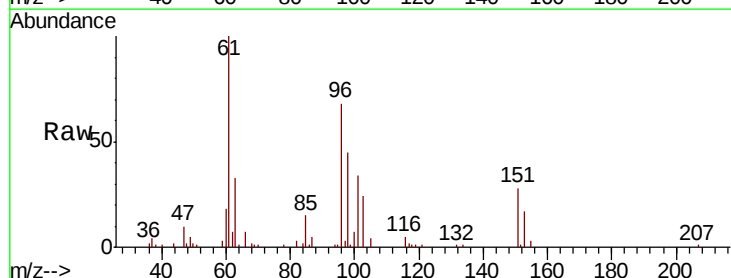
Tot Ion: 59 Resp: 53016
Ion Ratio Lower Upper
59 100
57 4.0 8.4 12.6#

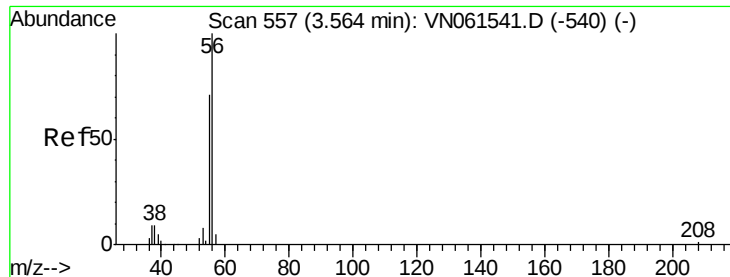


#12

1,1-Dichloroethene
Concen: 17.512 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion: 96 Resp: 57992
Ion Ratio Lower Upper
96 100
61 147.2 120.5 180.7
98 66.6 50.8 76.2





#13

Acrolein

Concen: 43.407 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.01 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

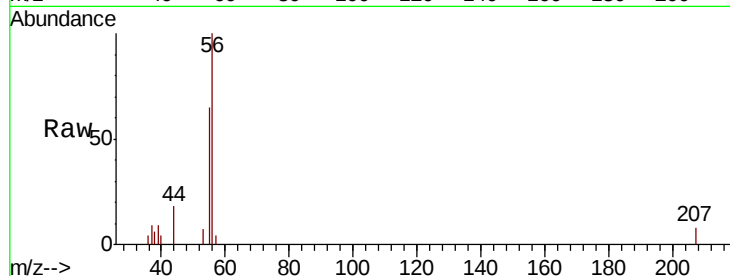
VN0612WBSD01

Tot Ion: 56 Resp: 10226

Ion Ratio Lower Upper

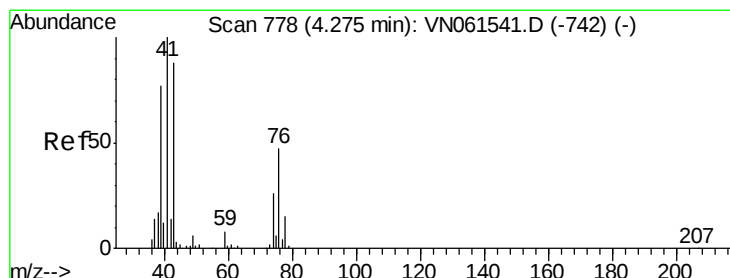
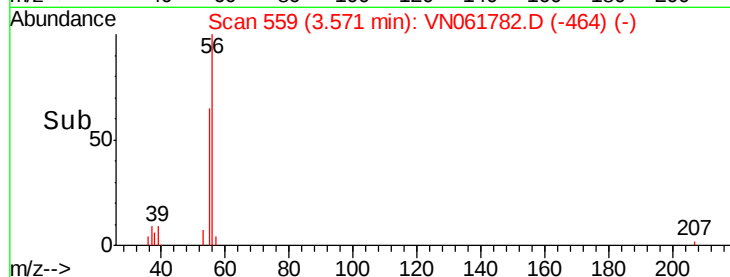
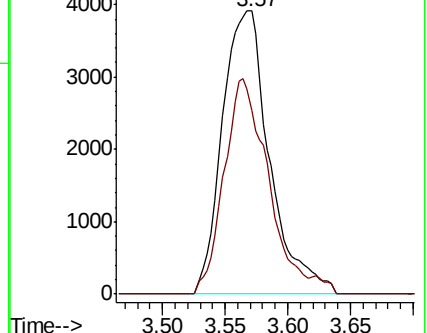
56 100

55 72.6 58.0 87.0



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

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



#14

Allyl chloride

Concen: 16.293 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

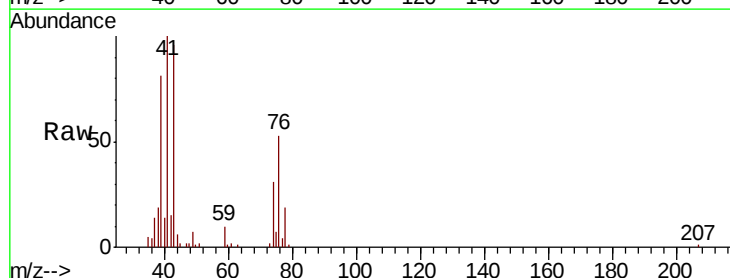
Tgt Ion: 41 Resp: 70540

Ion Ratio Lower Upper

41 100

39 74.1 58.6 88.0

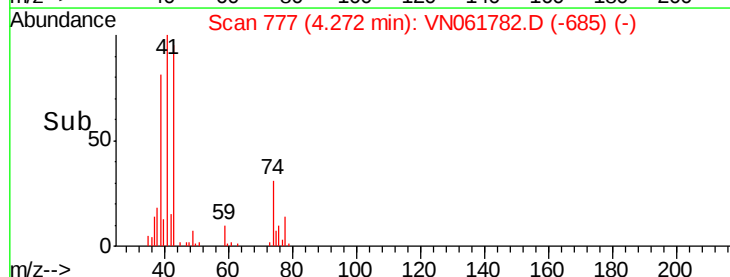
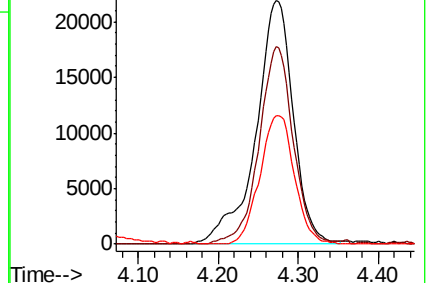
76 48.8 34.2 51.4

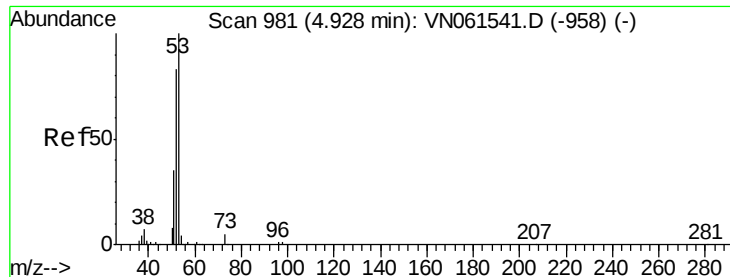


Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-742) (-)

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

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





#15

Acrylonitrile

Concen: 90.887 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

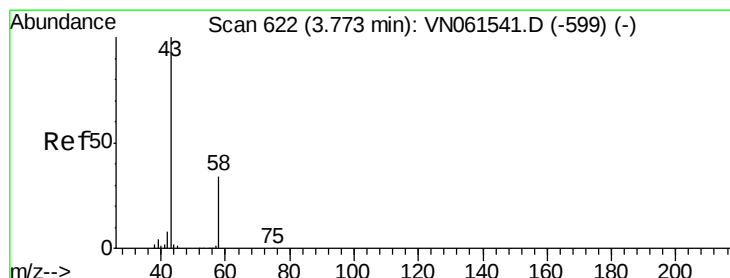
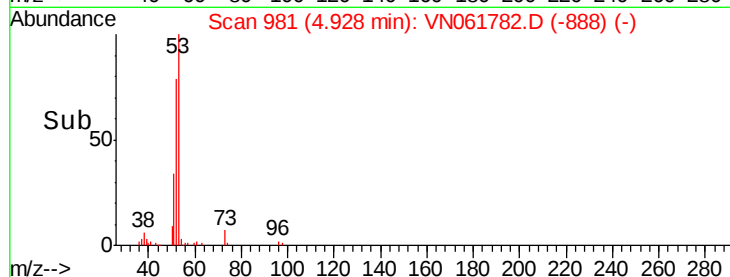
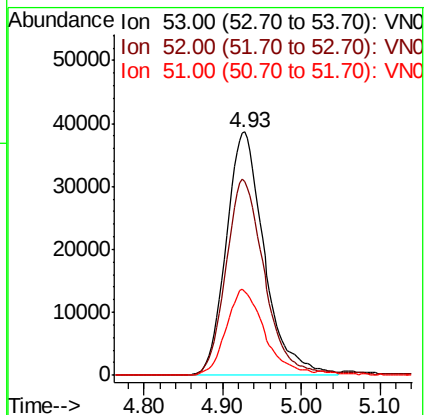
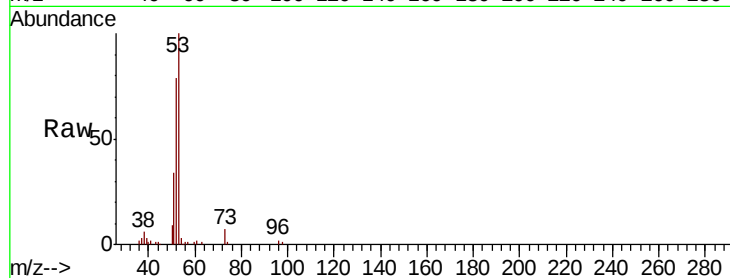
Tot Ion: 53 Resp: 130290

Ion Ratio Lower Upper

53 100

52 80.7 65.4 98.2

51 35.6 29.0 43.6



#16

Acetone

Concen: 93.124 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061782.D

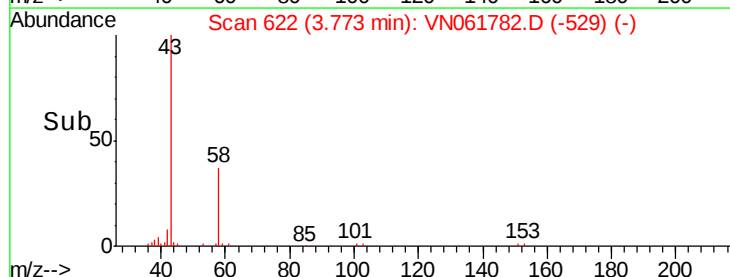
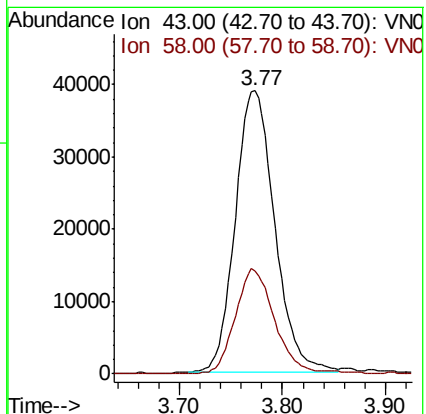
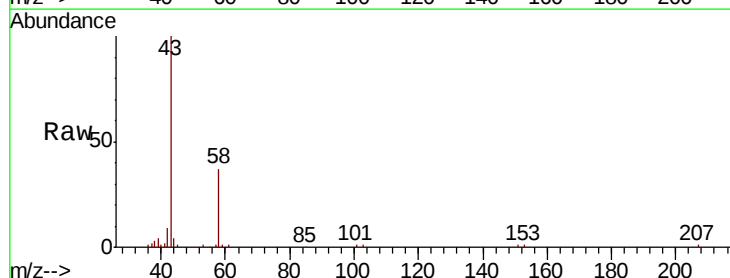
Acq: 12 Jun 2020 11:43

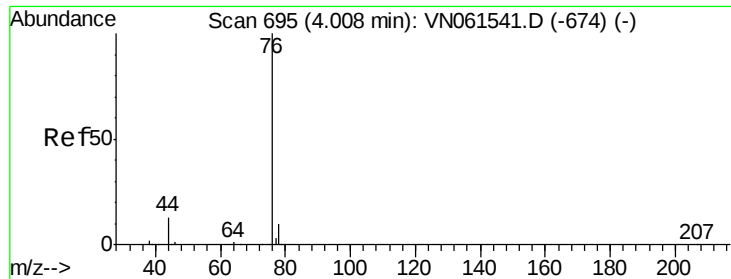
Tgt Ion: 43 Resp: 103239

Ion Ratio Lower Upper

43 100

58 36.8 27.2 40.8

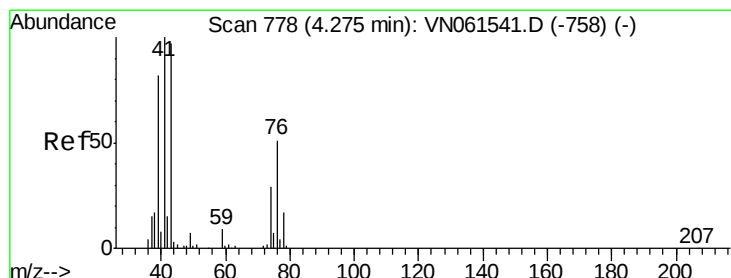
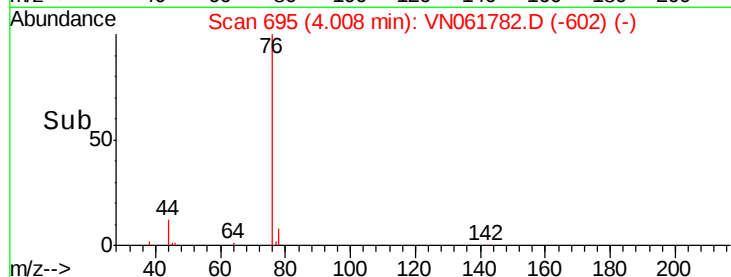
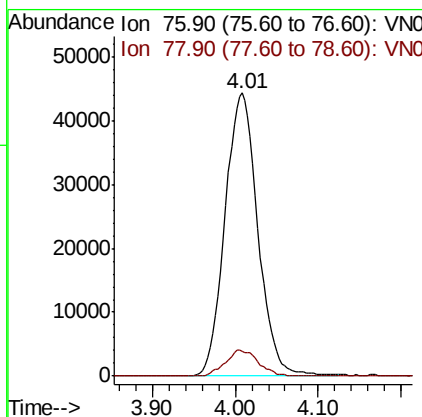
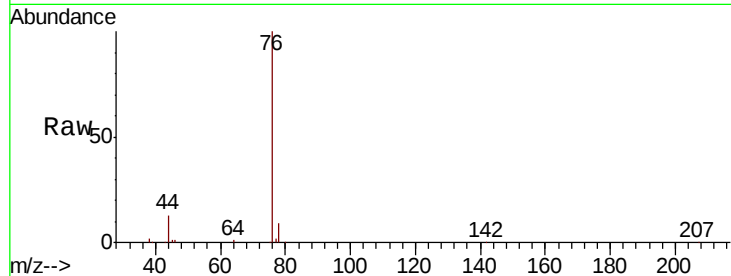




#17
Carbon Disulfide
Concen: 16.766 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

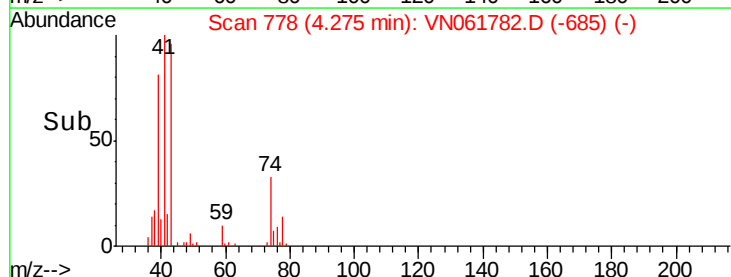
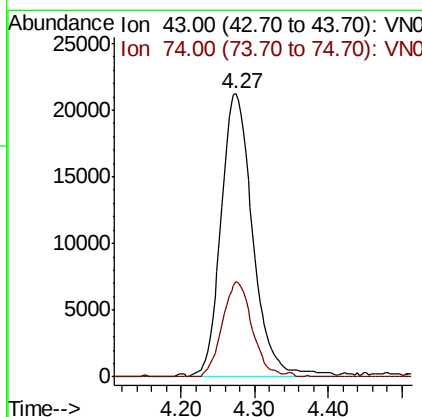
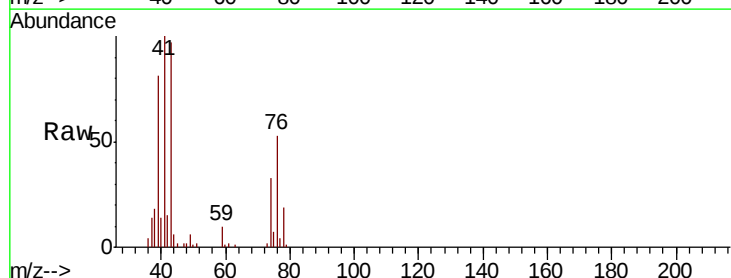
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

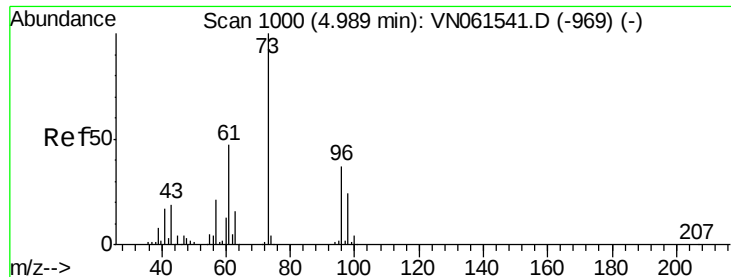
Tot Ion: 76 Resp: 122153
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6



#18
Methyl Acetate
Concen: 18.276 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion: 43 Resp: 63884
Ion Ratio Lower Upper
43 100
74 31.2 23.2 34.8



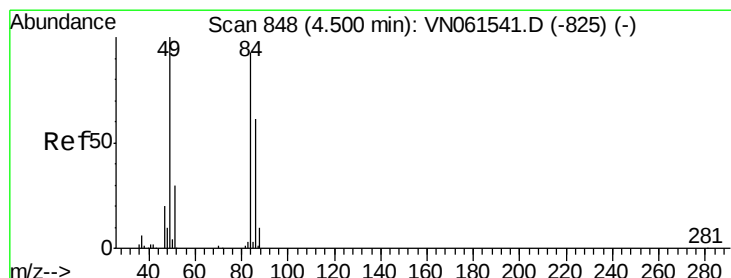
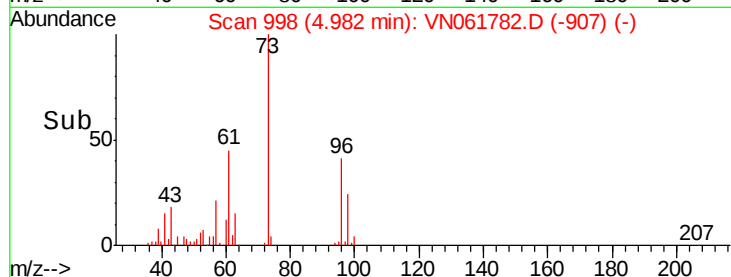
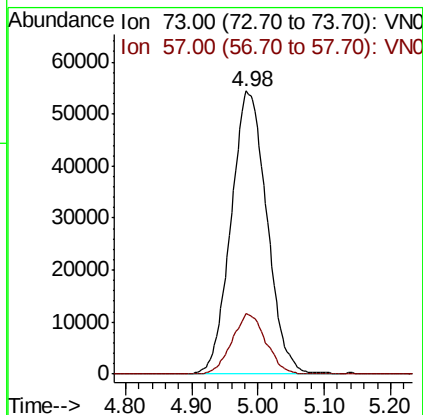
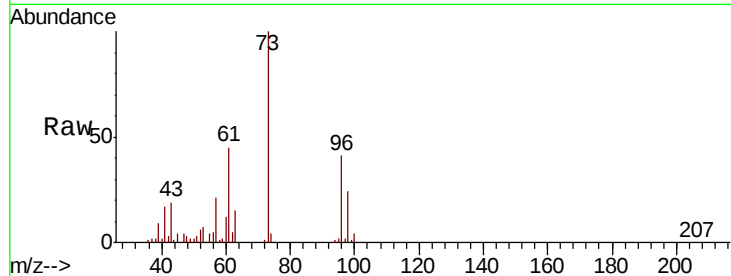


#19

Methyl tert-butyl Ether
 Concen: 18.087 ug/l
 RT: 4.98 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

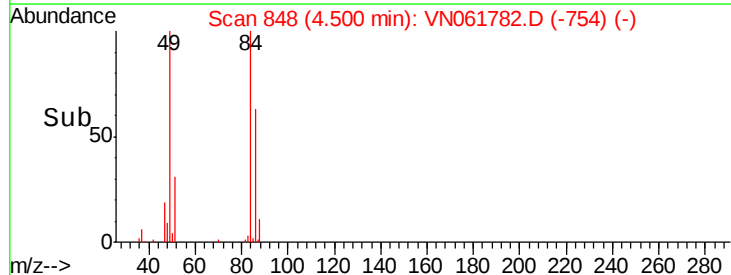
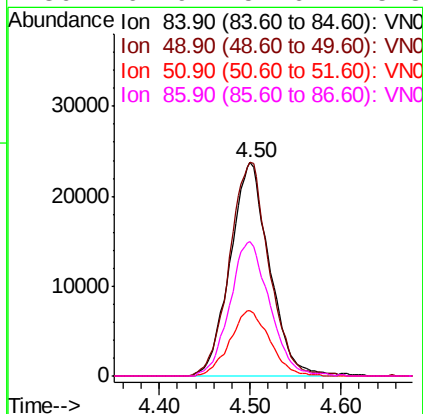
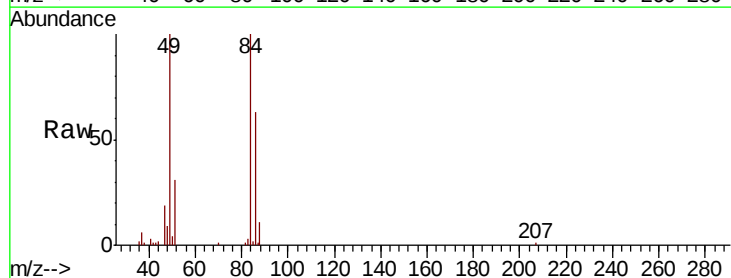
Tot Ion: 73 Resp: 204134
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.4 24.6

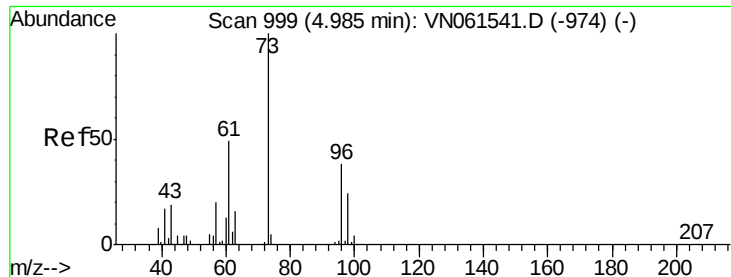


#20

Methylene Chloride
 Concen: 19.203 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion: 84 Resp: 71154
 Ion Ratio Lower Upper
 84 100
 49 100.0 85.8 128.8
 51 30.6 26.2 39.2
 86 62.9 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 17.918 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

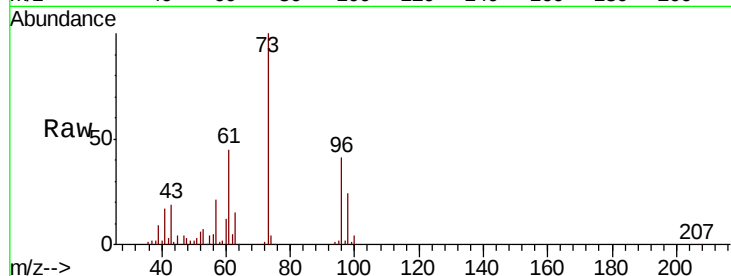
Tot Ion: 96 Resp: 66917

Ion Ratio Lower Upper

96 100

61 111.8 101.4 152.0

98 59.8 50.6 76.0

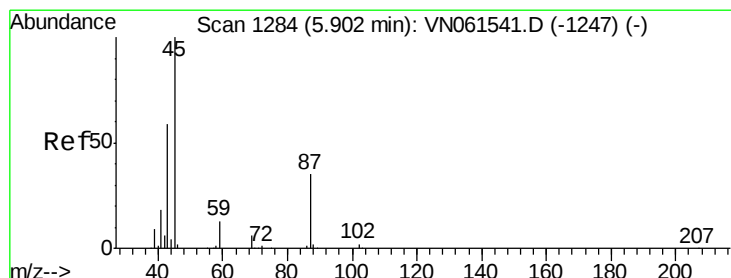
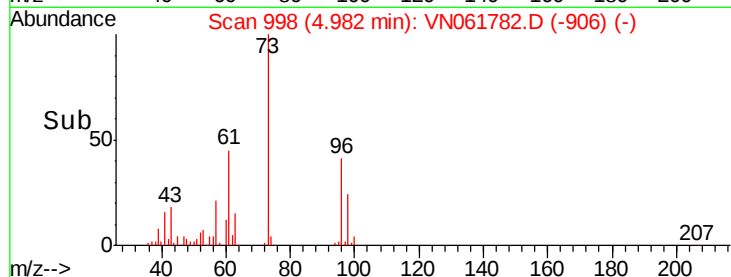
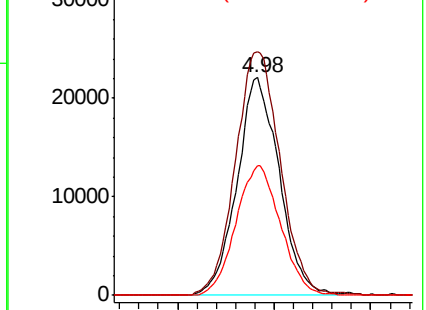


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.291 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Tgt Ion: 45 Resp: 174535

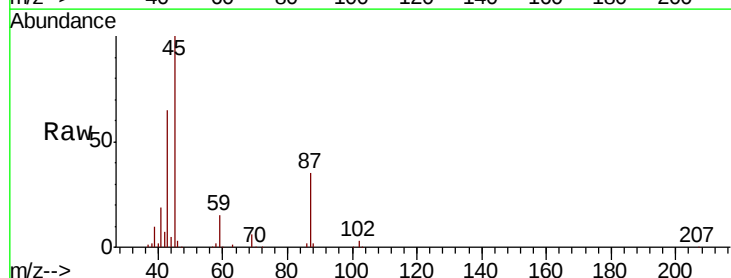
Ion Ratio Lower Upper

45 100

43 62.8 47.9 71.9

87 35.5 28.4 42.6

59 14.6 10.5 15.7



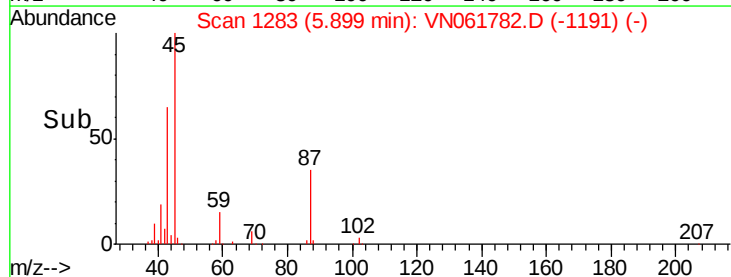
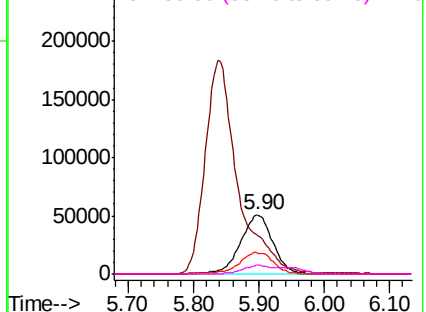
Abundance

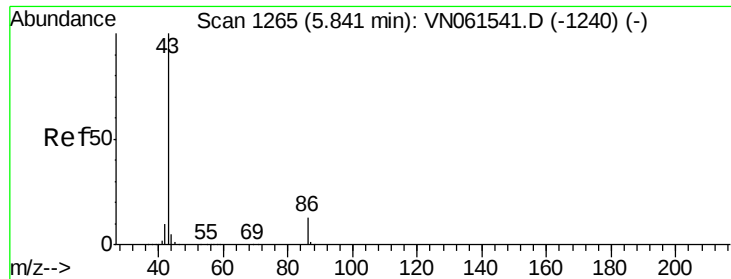
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

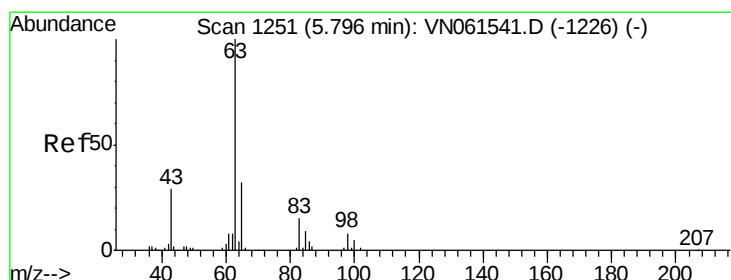
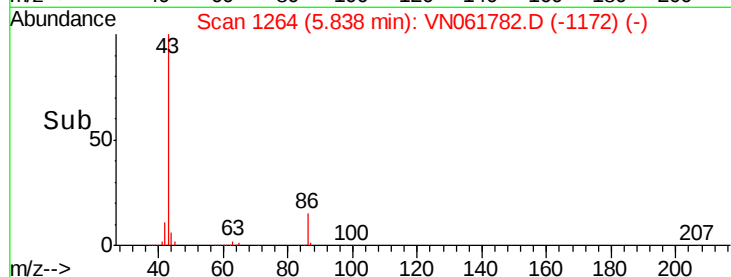
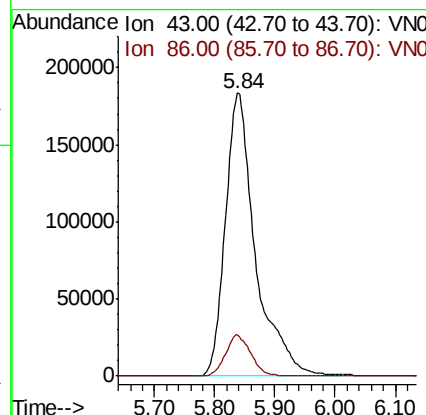
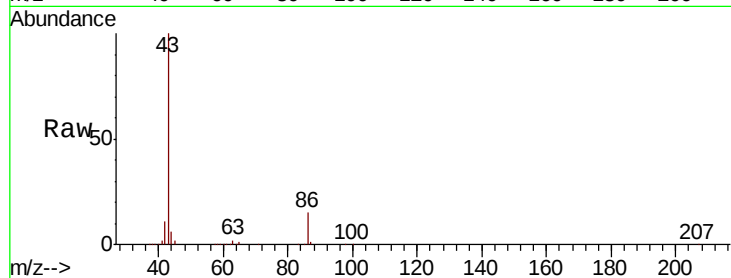




#23
 Vinyl Acetate
 Concen: 83.746 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

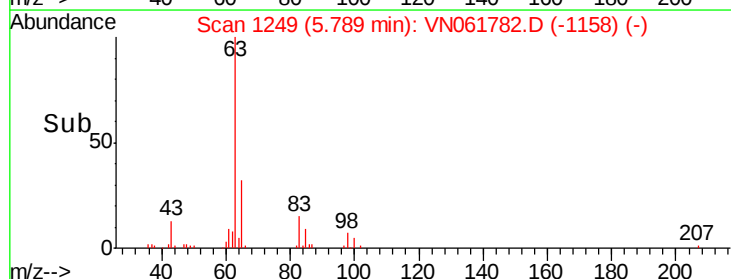
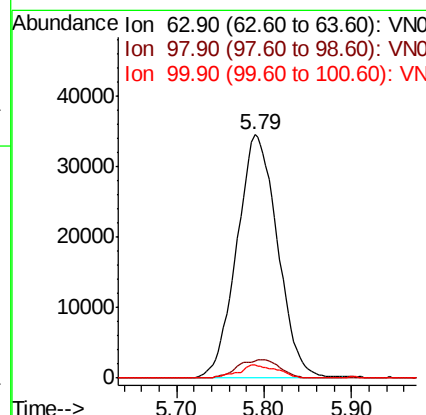
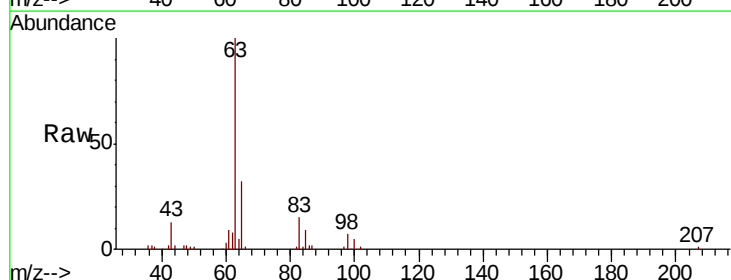
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

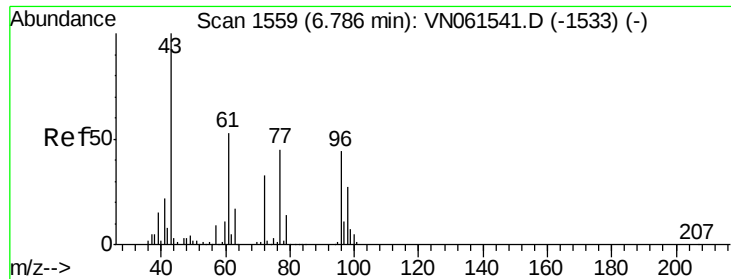
Tot Ion: 43 Resp: 636910
 Ion Ratio Lower Upper
 43 100
 86 14.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 18.392 ug/l
 RT: 5.79 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion: 63 Resp: 111288
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 5.5 2.5 7.6

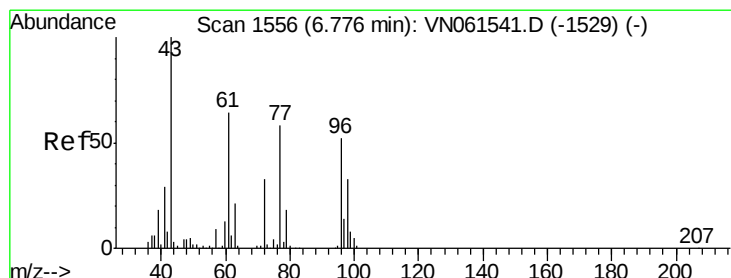
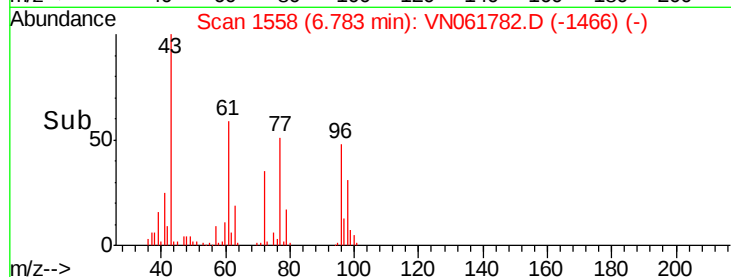
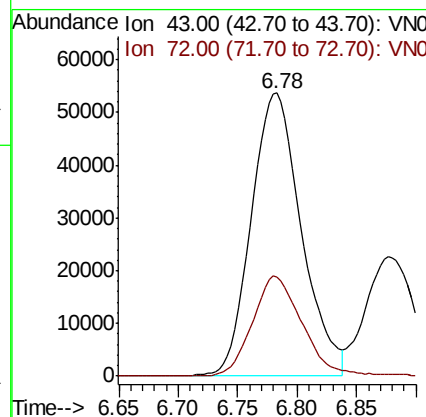
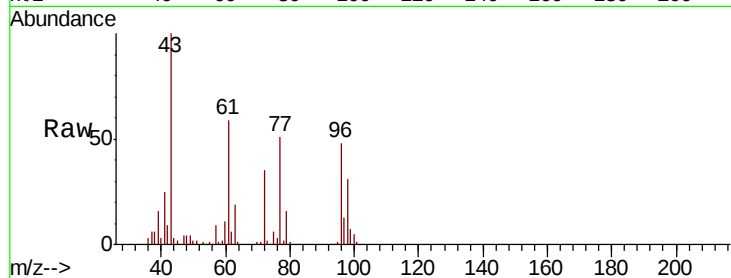




#25
 2-Butanone
 Concen: 85.629 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

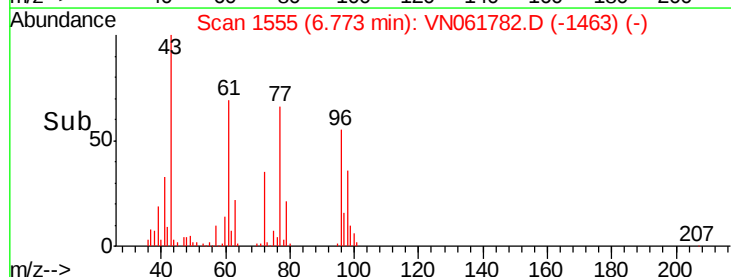
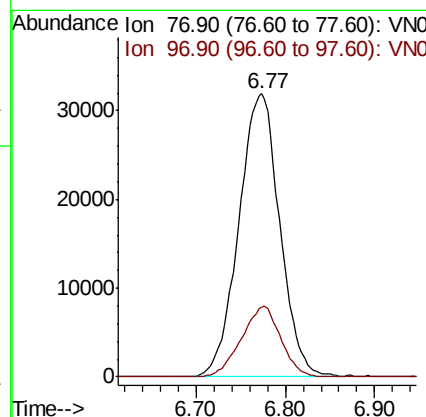
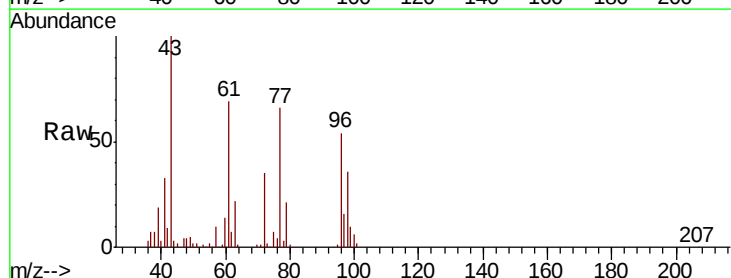
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

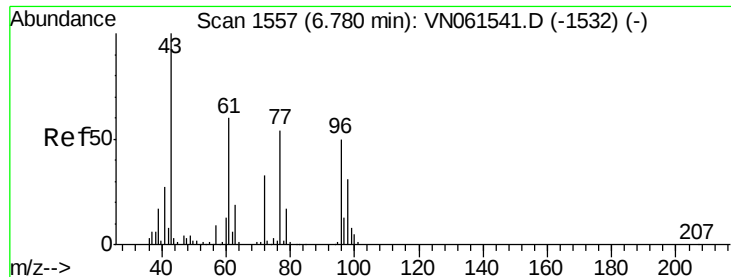
Tot Ion: 43 Resp: 156698
 Ion Ratio Lower Upper
 43 100
 72 35.2 26.0 39.0



#26
 2,2-Dichloropropane
 Concen: 18.314 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion: 77 Resp: 101425
 Ion Ratio Lower Upper
 77 100
 97 24.0 12.0 36.0

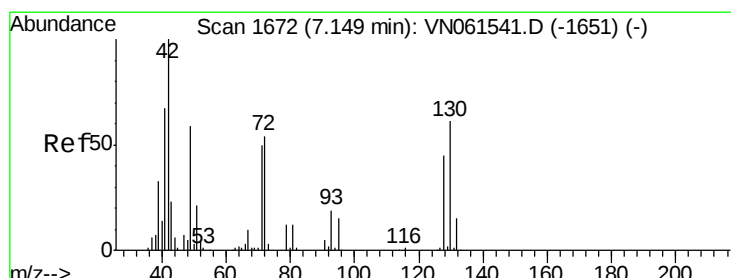
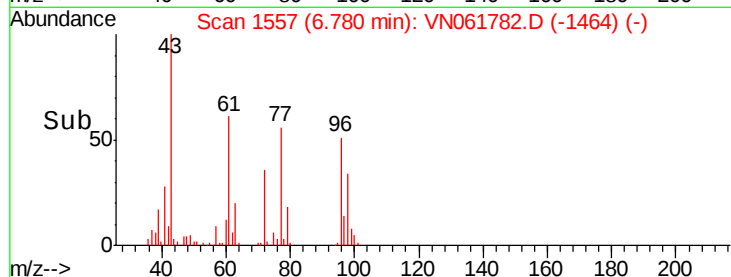
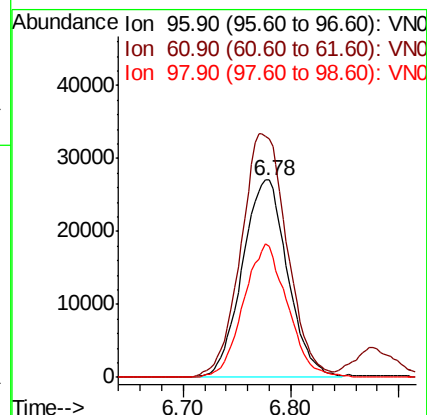
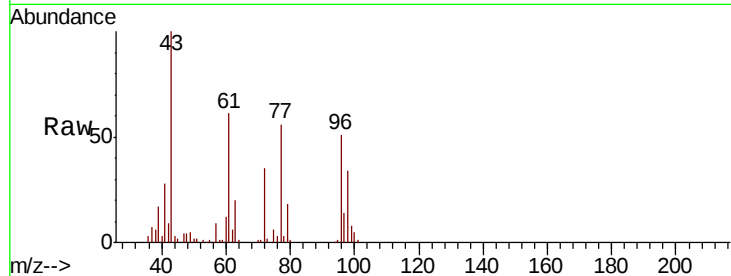




#27
 cis-1,2-Dichloroethene
 Concen: 18.690 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

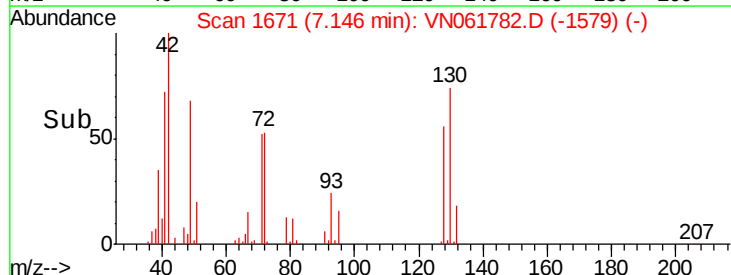
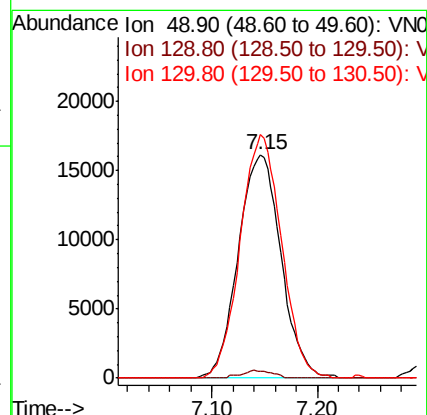
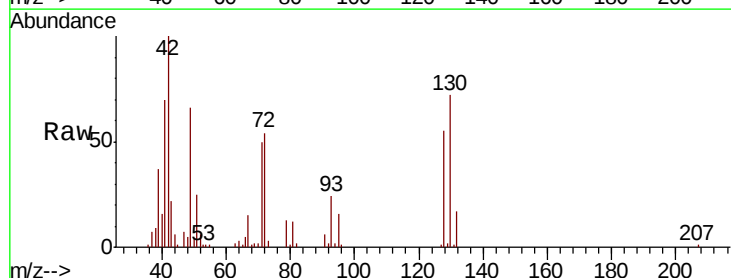
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

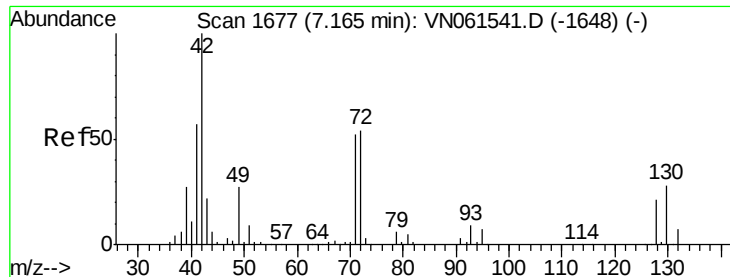
Tot Ion: 96 Resp: 79036
 Ion Ratio Lower Upper
 96 100
 61 125.8 0.0 252.2
 98 65.4 0.0 129.2



#28
 Bromochloromethane
 Concen: 19.135 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion: 49 Resp: 45423
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 105.4 78.8 118.2

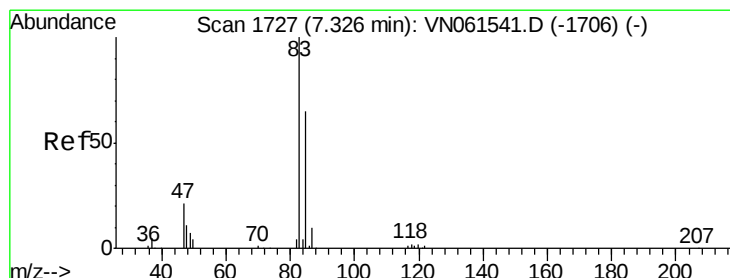
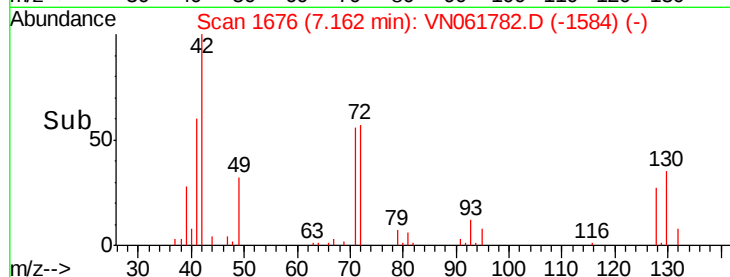
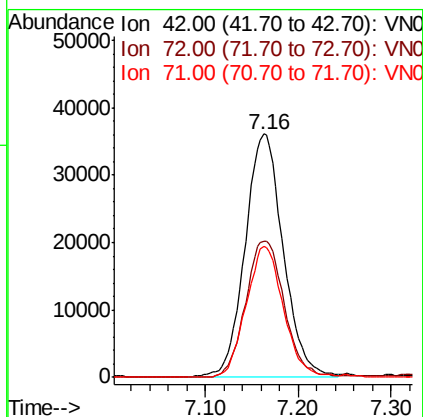
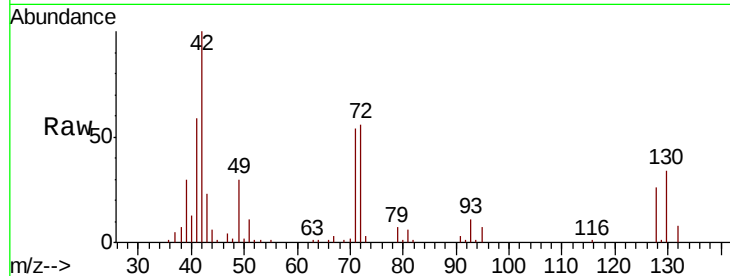




#29
Tetrahydrofuran
Concen: 85.661 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

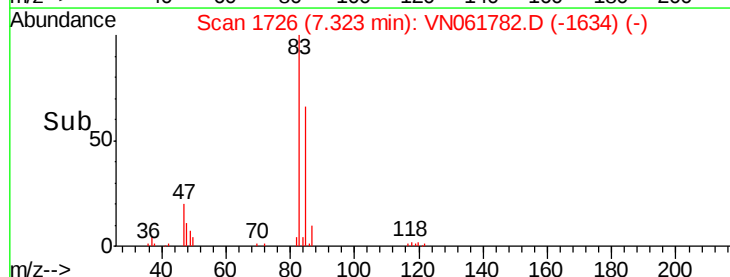
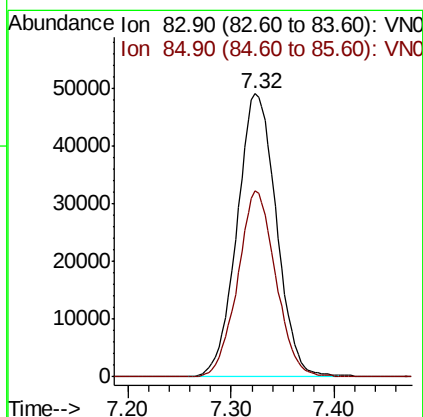
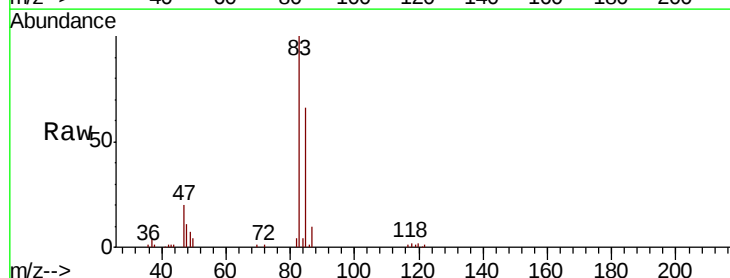
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

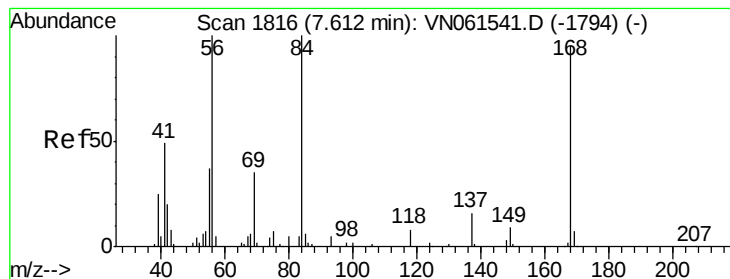
Tot Ion: 42 Resp: 103368
Ion Ratio Lower Upper
42 100
72 56.6 43.6 65.4
71 52.5 41.2 61.8



#30
Chloroform
Concen: 19.395 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion: 83 Resp: 129831
Ion Ratio Lower Upper
83 100
85 65.6 51.7 77.5





#31

Cyclohexane

Concen: 16.592 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

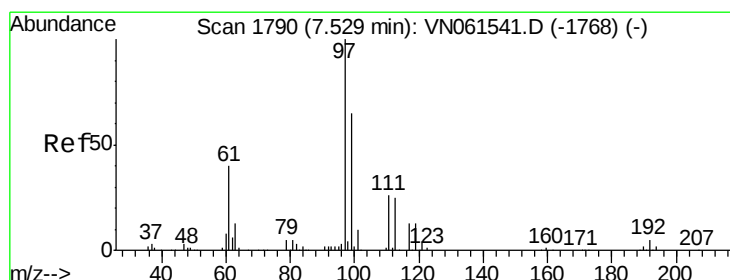
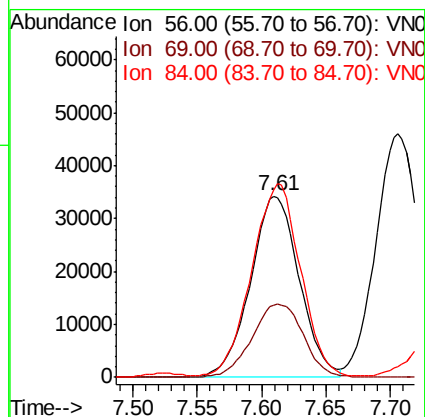
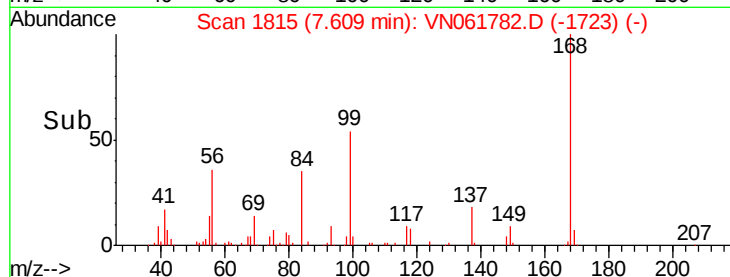
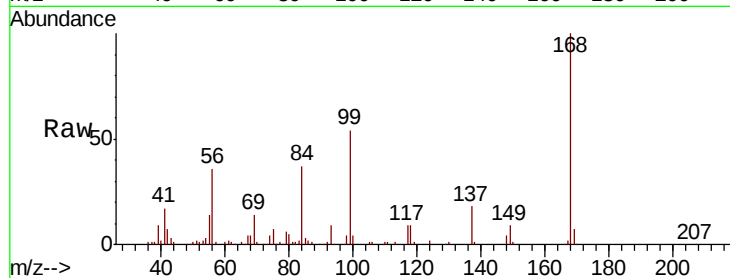
Tot Ion: 56 Resp: 90291

Ion Ratio Lower Upper

56 100

69 40.0 27.8 41.8

84 102.4 79.9 119.9



#32

1,1,1-Trichloroethane

Concen: 18.072 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

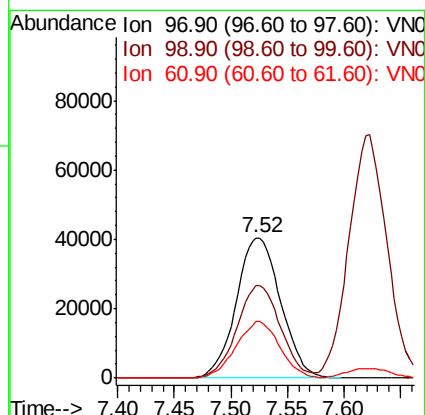
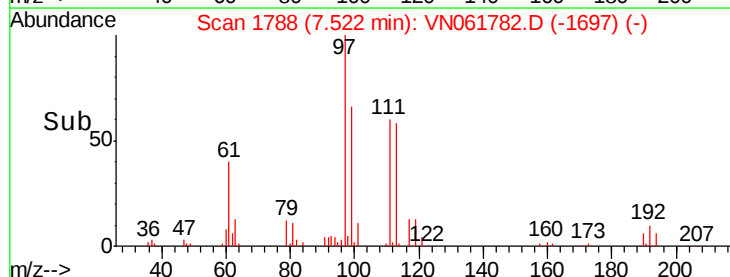
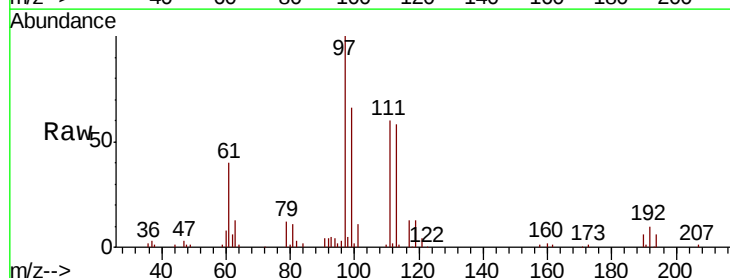
Tgt Ion: 97 Resp: 110235

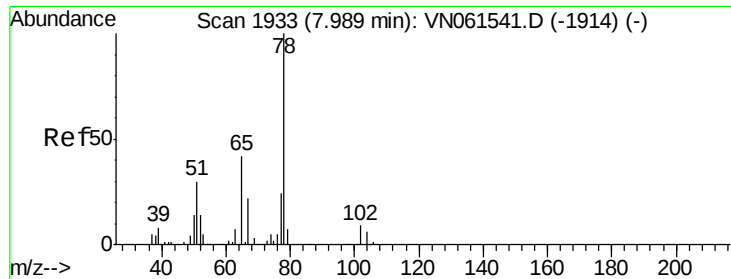
Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.0

61 40.0 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 48.715 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

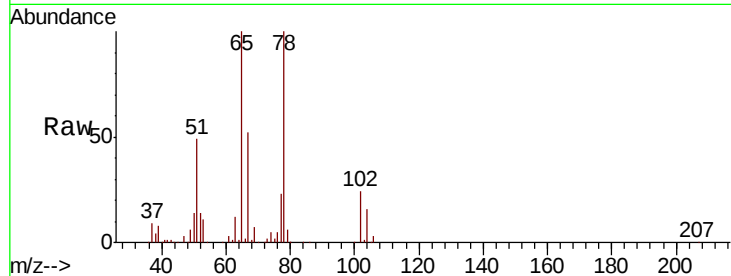
VN0612WBSD01

Tot Ion: 65 Resp: 188103

Ion Ratio Lower Upper

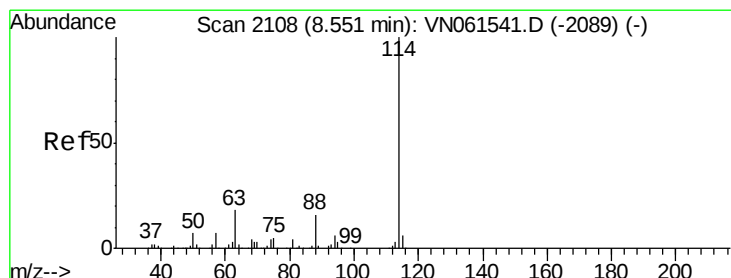
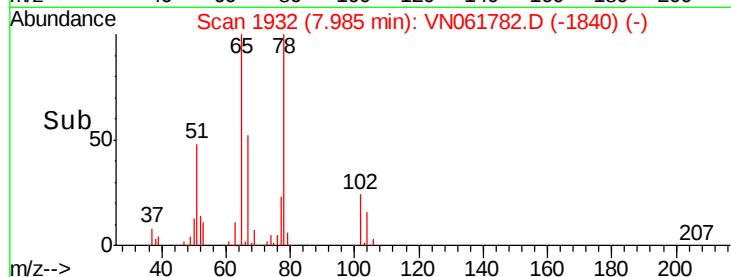
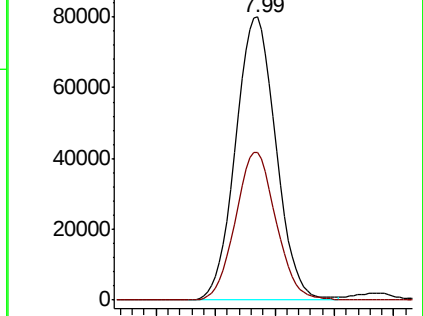
65 100

67 52.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN061541.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN061541.D (-1914) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

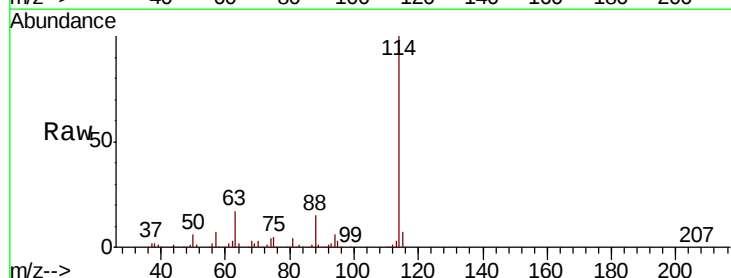
Tgt Ion: 114 Resp: 504305

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.8

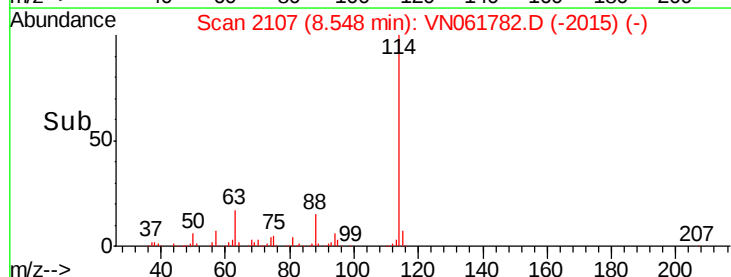
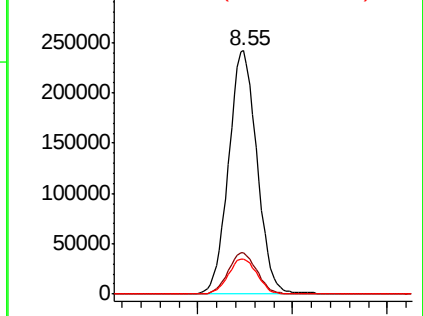
88 14.5 0.0 31.0

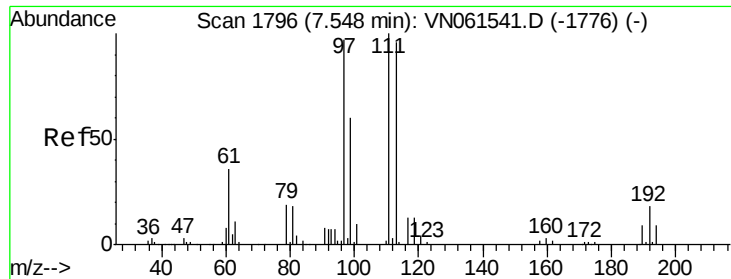


Abundance Ion 113.90 (113.60 to 114.60): VN061541.D (-2089) (-)

Ion 63.00 (62.70 to 63.70): VN061541.D (-2089) (-)

Ion 87.90 (87.60 to 88.60): VN061541.D (-2089) (-)

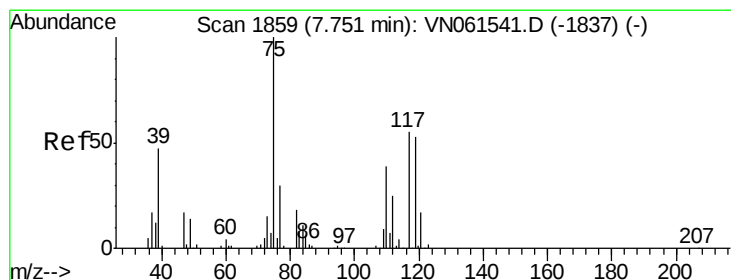
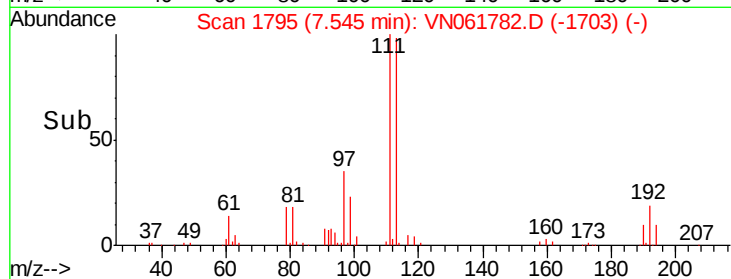
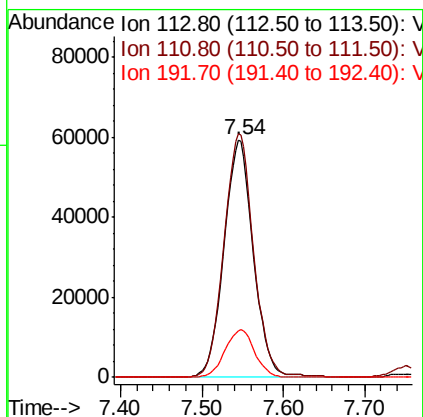
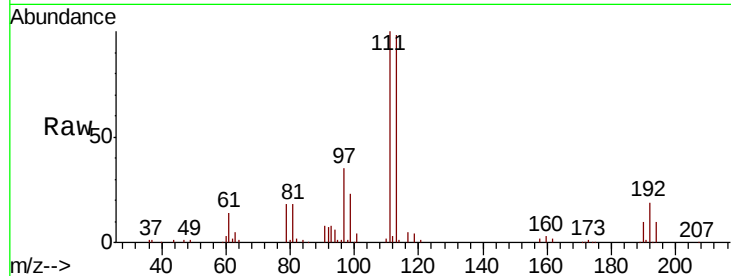




#35
 Dibromofluoromethane
 Concen: 58.881 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

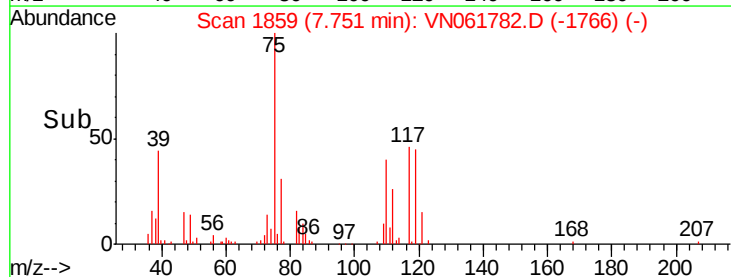
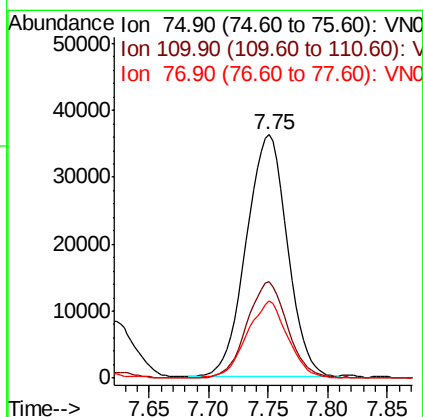
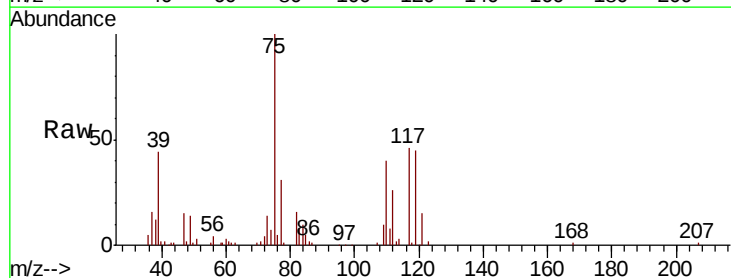
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

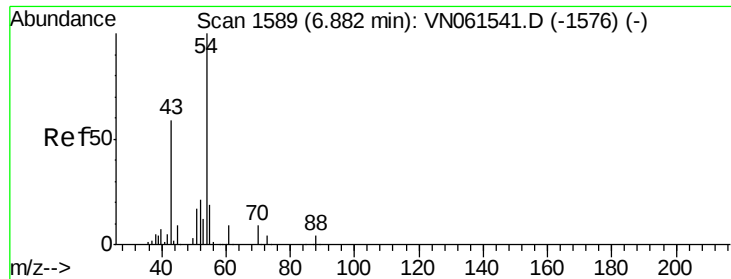
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.0
192	20.2	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 19.440 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.0	19.5	58.5
77	31.4	24.7	37.1

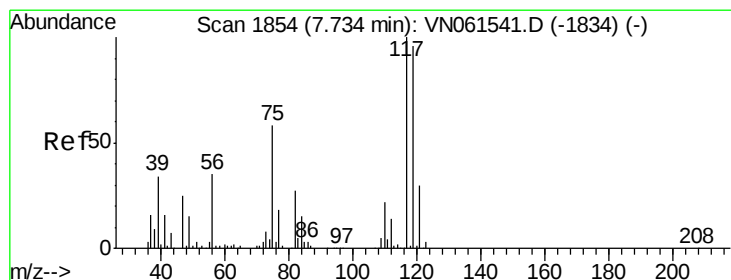
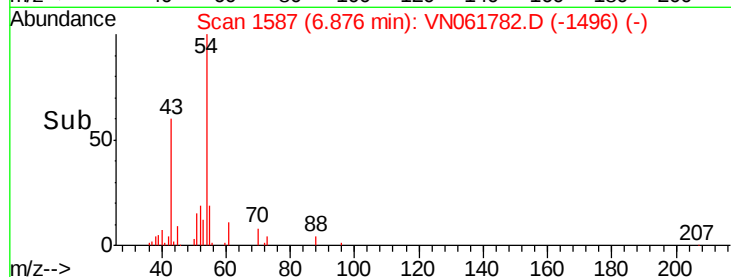
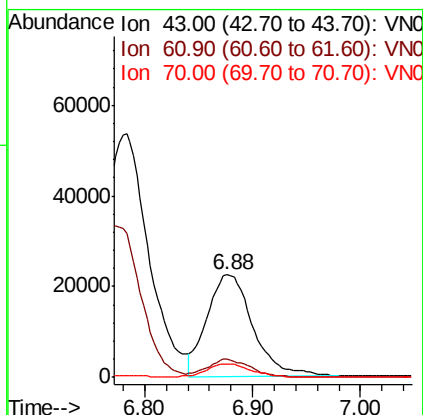
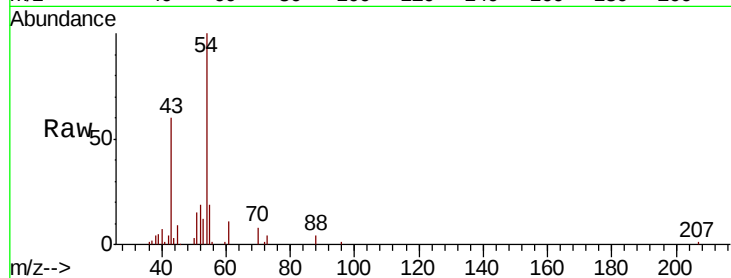




#37
Ethyl Acetate
Concen: 18.306 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

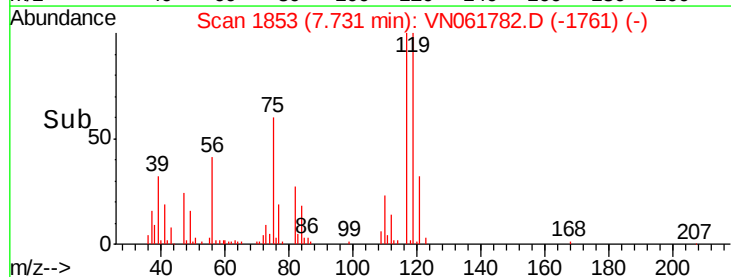
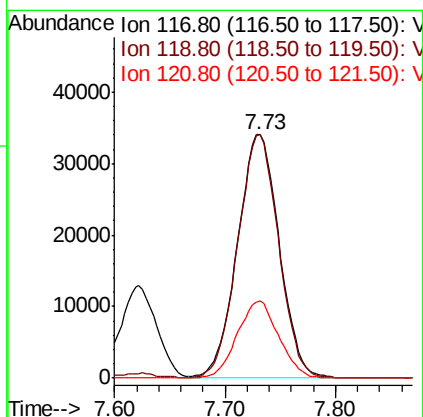
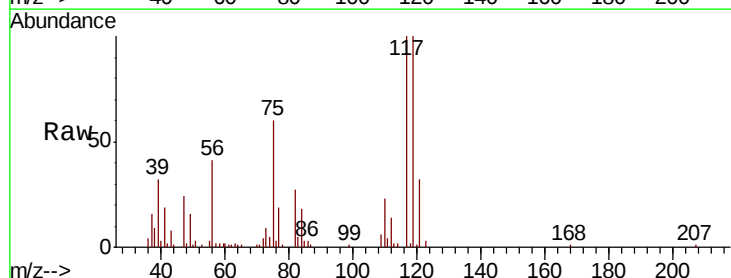
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

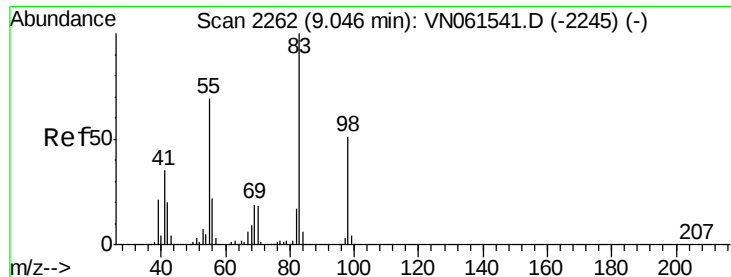
Tot Ion: 43 Resp: 65825
Ion Ratio Lower Upper
43 100
61 17.1 12.2 18.4
70 13.1 9.4 14.2



#38
Carbon Tetrachloride
Concen: 20.753 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion: 117 Resp: 89368
Ion Ratio Lower Upper
117 100
119 100.0 76.5 114.7
121 31.6 24.1 36.1

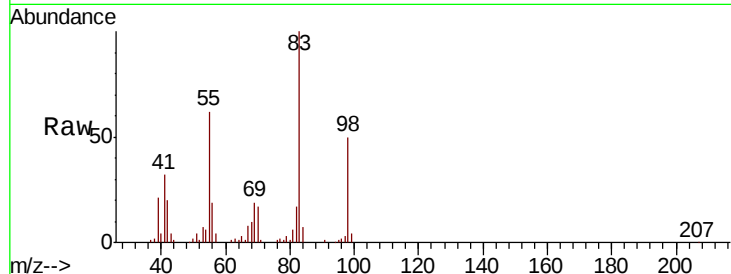




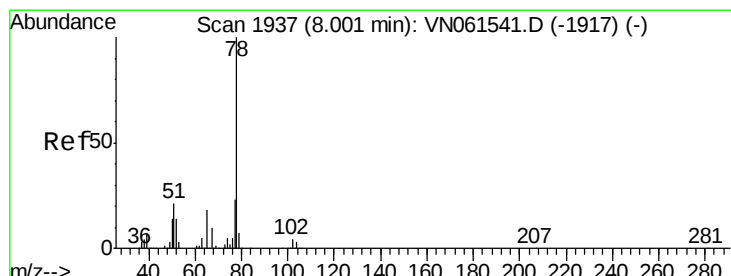
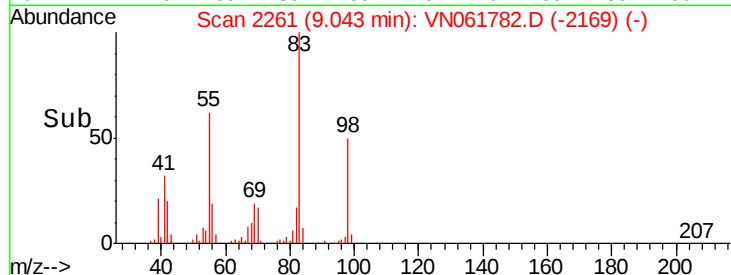
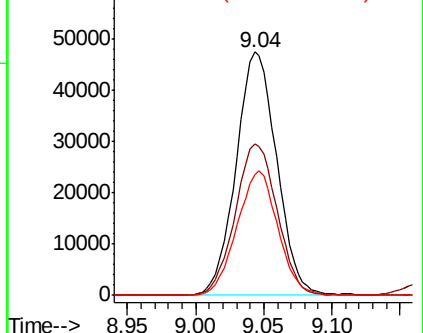
#39
Methvlcvclohexane
Concen: 17.871 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	83	Resp	98339
Ion Ratio	Lower	Upper	
83	100		
55	62.3	54.9	82.3
98	49.8	41.0	61.4

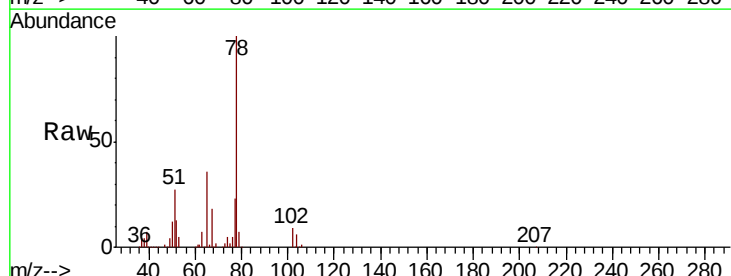


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

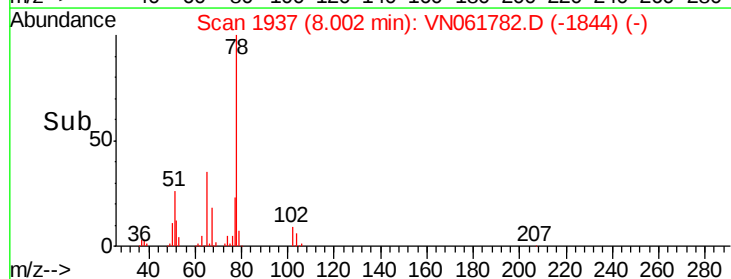
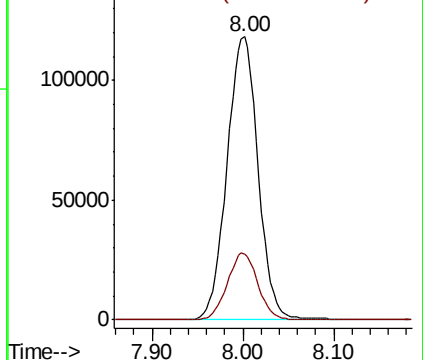


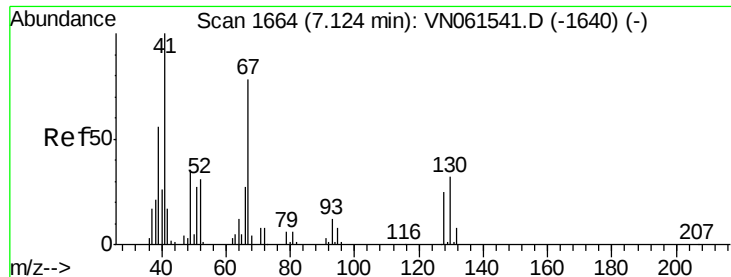
#40
Benzene
Concen: 20.349 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	78	Resp	280304
Ion Ratio	Lower	Upper	
78	100		
77	23.2	18.6	28.0



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

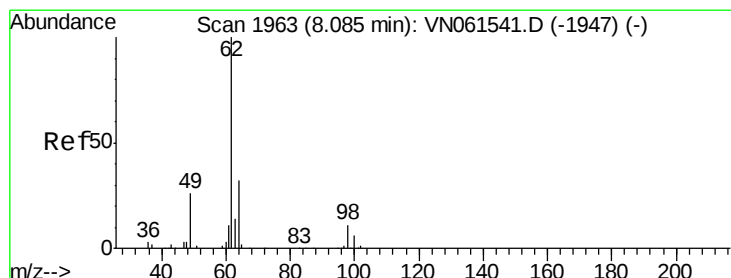
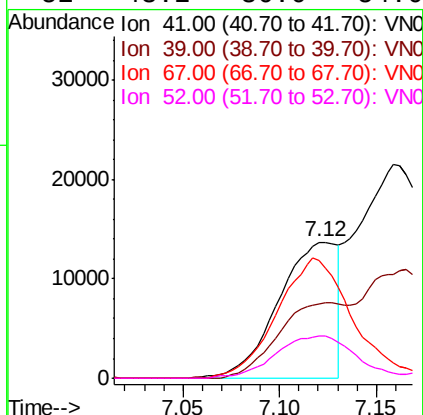
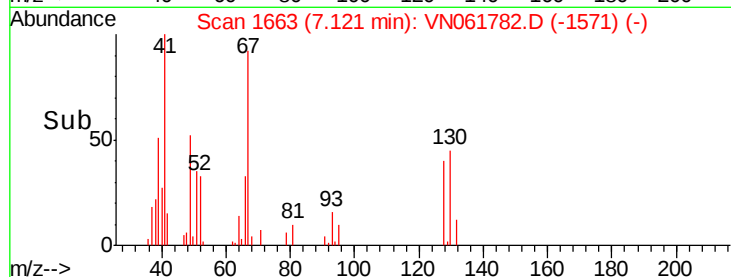
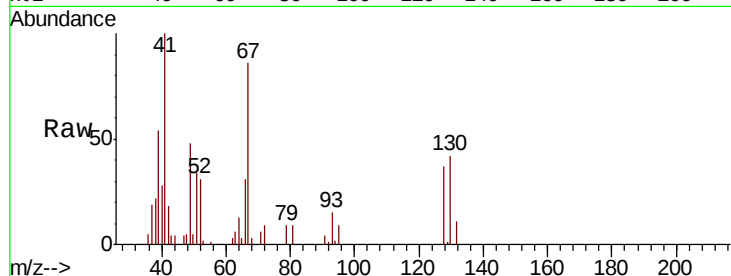




#41
Methacrylonitrile
Concen: 17.680 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

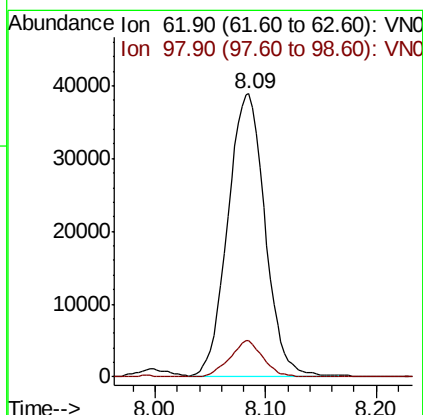
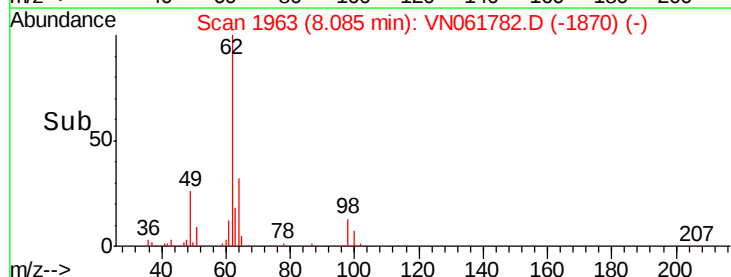
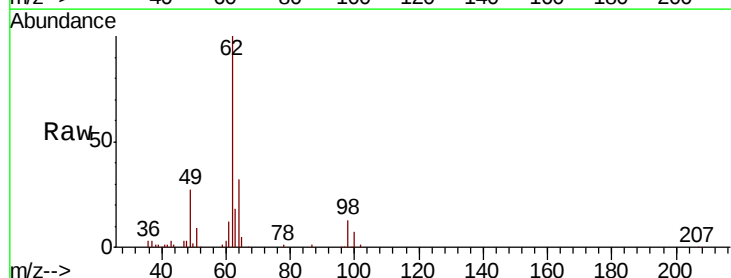
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

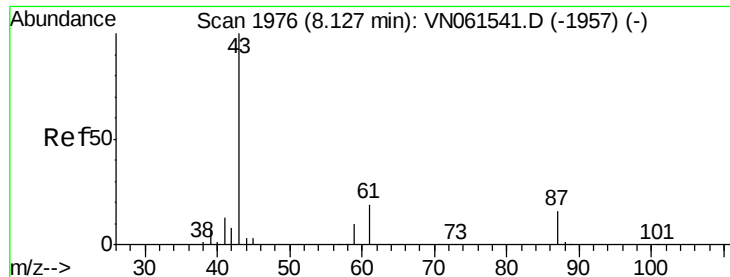
Tot Ion:	41	Resp:	29127
Ion	Ratio	Lower	Upper
41	100		
39	60.8	53.8	80.6
67	112.7	91.1	136.7
52	43.2	36.0	54.0



#42
1,2-Dichloroethane
Concen: 19.807 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion:	62	Resp:	91341
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	21.4





#43

Isopropyl Acetate

Concen: 17.441 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

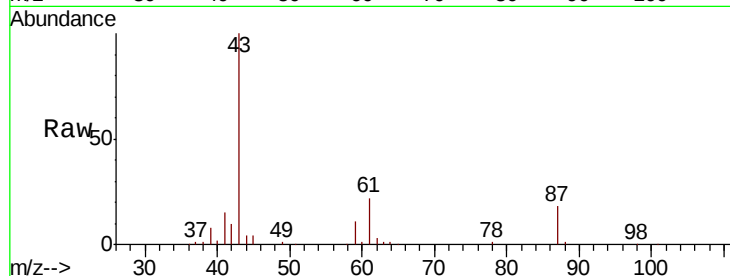
Tot Ion: 43 Resp: 112831

Ion Ratio Lower Upper

43 100

61 22.3 23.6 35.4#

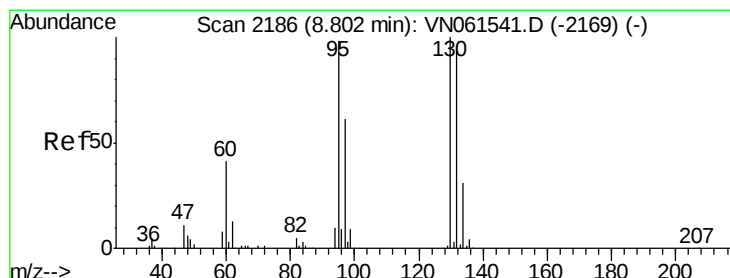
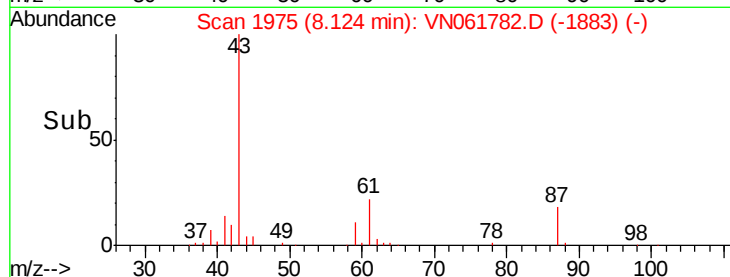
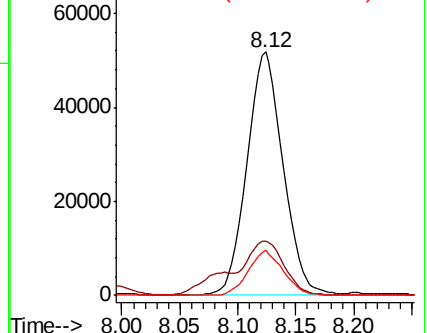
87 17.8 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN061541.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN061541.D (-1957) (-)



#44

Trichloroethene

Concen: 20.427 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061782.D

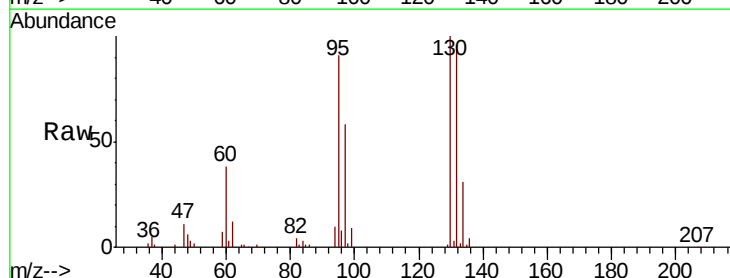
Acq: 12 Jun 2020 11:43

Tgt Ion:130 Resp: 86474

Ion Ratio Lower Upper

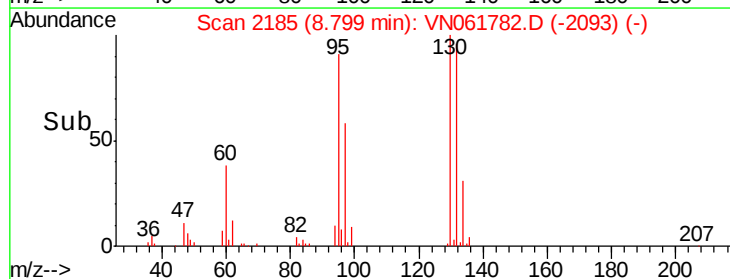
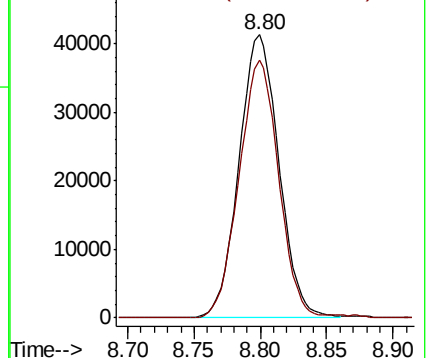
130 100

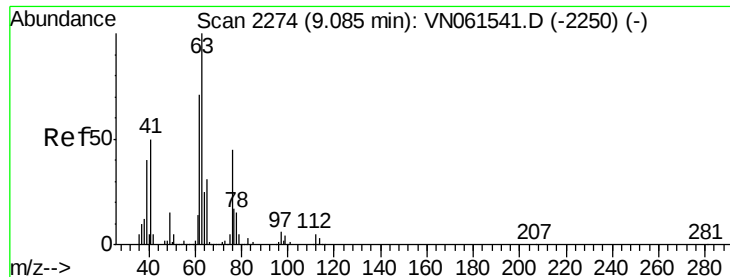
95 91.1 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): VN061541.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN061541.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 21.062 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

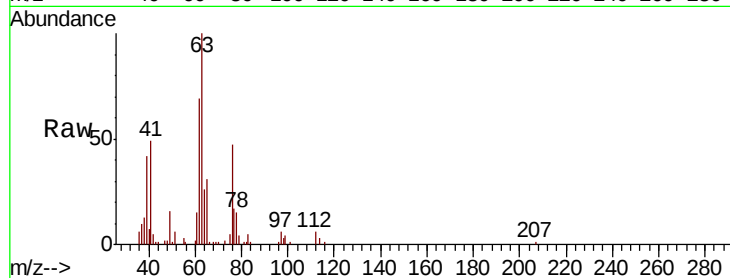
VN0612WBSD01

Tot Ion: 63 Resp: 68891

Ion Ratio Lower Upper

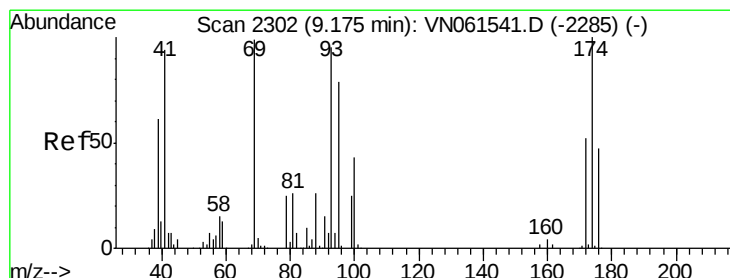
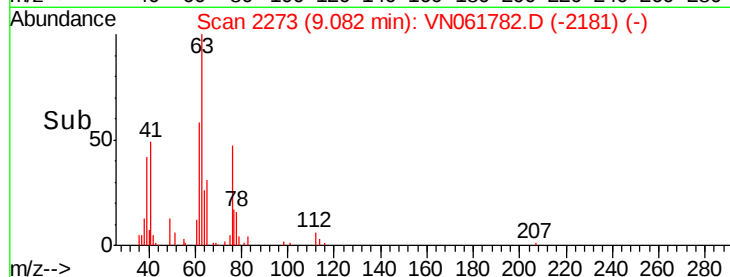
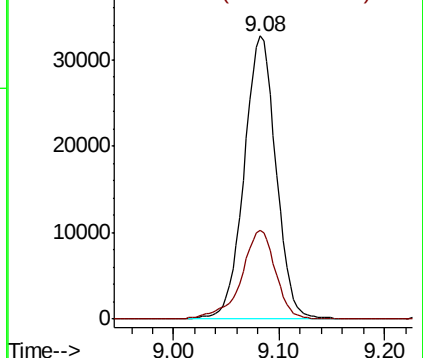
63 100

65 31.5 24.7 37.1



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

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



#46

Dibromomethane

Concen: 20.116 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

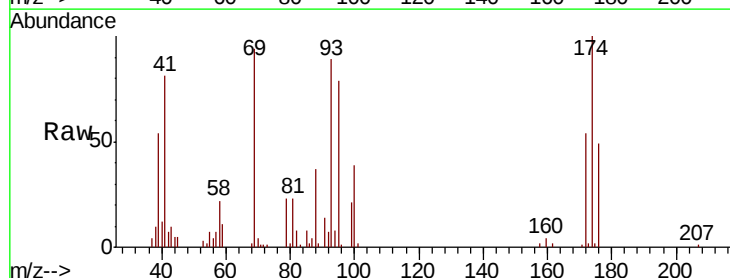
Tgt Ion: 93 Resp: 50464

Ion Ratio Lower Upper

93 100

95 86.0 66.0 99.0

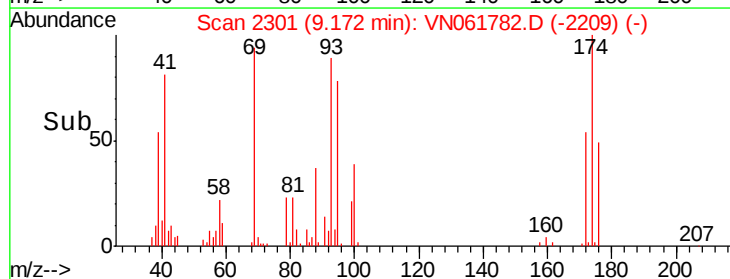
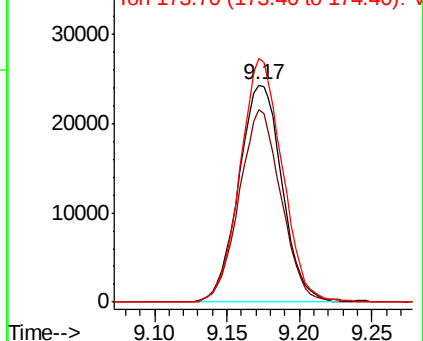
174 109.4 82.5 123.7

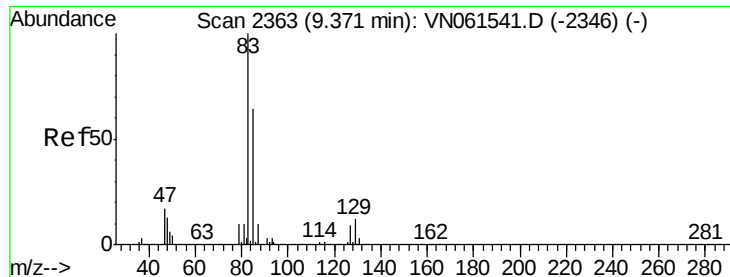


Abundance Ion 92.80 (92.50 to 93.50): VN061541.D (-2285) (-)

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

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





#47

Bromodichloromethane

Concen: 20.776 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampled :

VN0612WBSD01

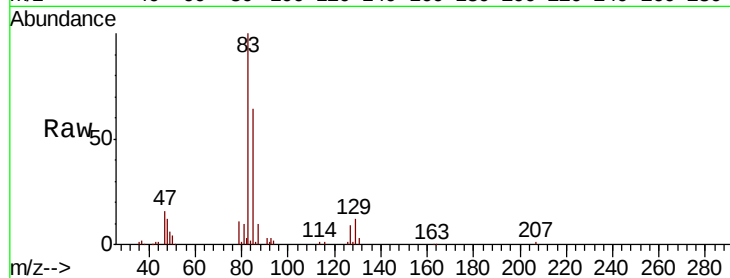
Tot Ion: 83 Resp: 103257

Ion Ratio Lower Upper

83 100

85 63.5 51.1 76.7

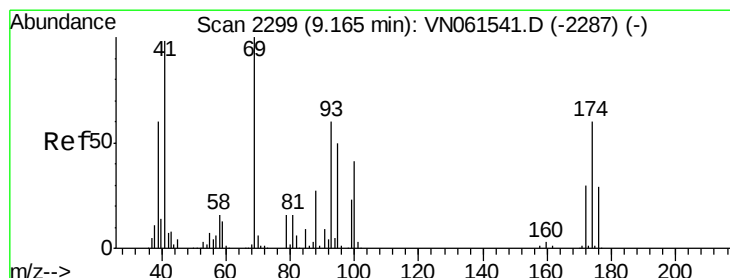
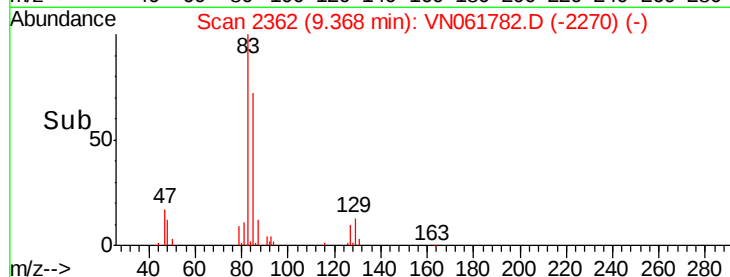
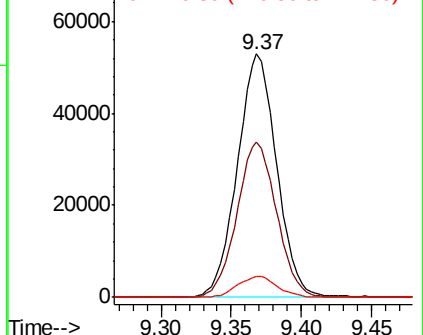
127 8.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 17.133 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

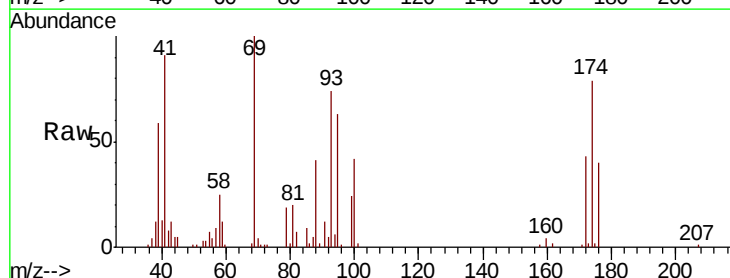
Tgt Ion: 41 Resp: 49866

Ion Ratio Lower Upper

41 100

69 111.1 83.9 125.9

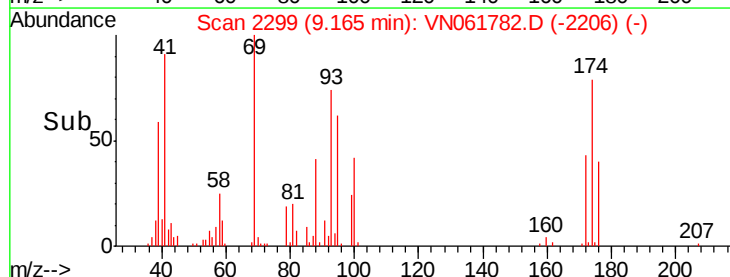
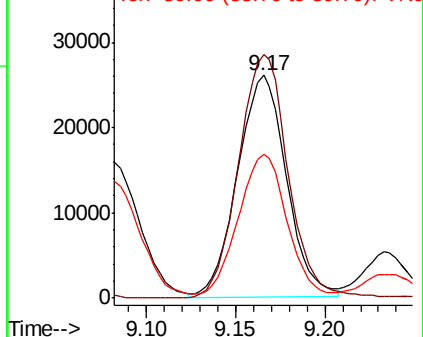
39 65.2 52.1 78.1

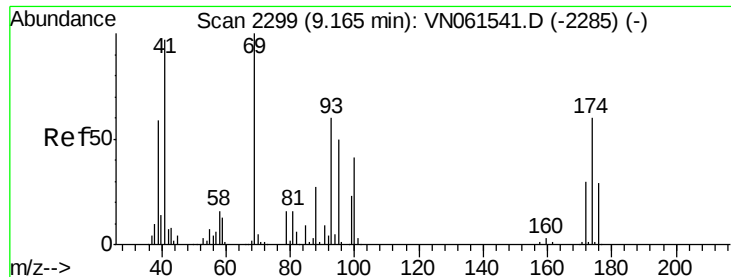


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

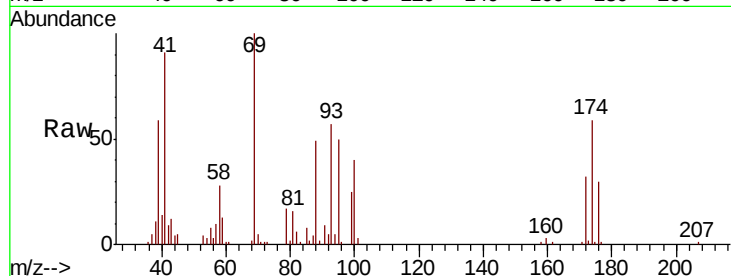




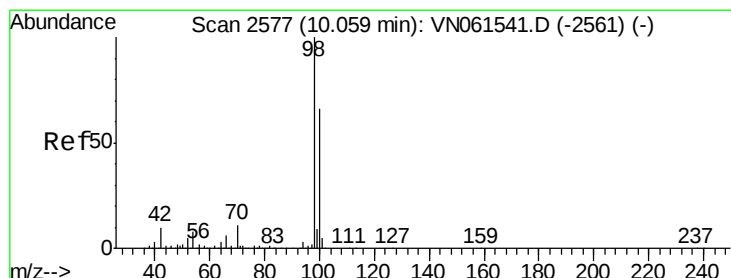
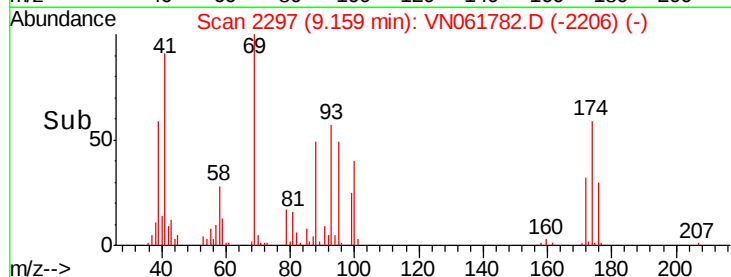
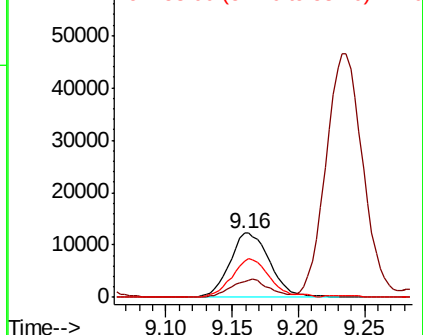
#49
 1,4-Dioxane
 Concen: 573.384 ug/l
 RT: 9.16 min Scan# 2297
 Delta R.T. -0.01 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Tot Ion: 88 Resp: 25854
 Ion Ratio Lower Upper
 88 100
 43 26.7 23.1 34.7
 58 57.0 48.3 72.5

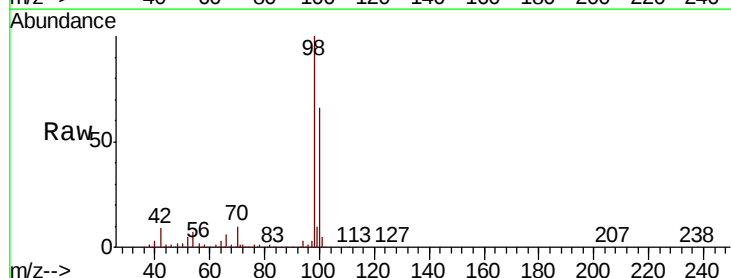


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

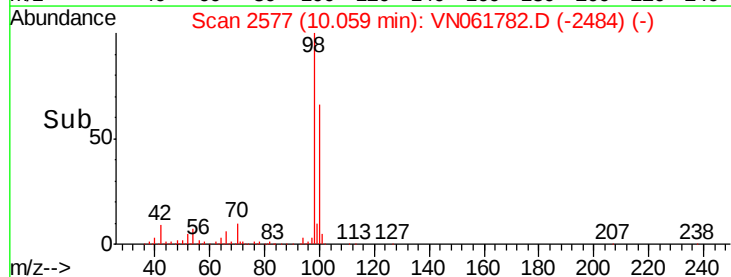
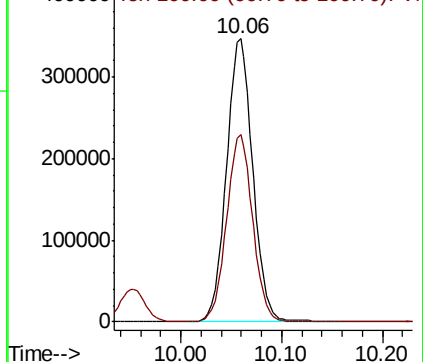


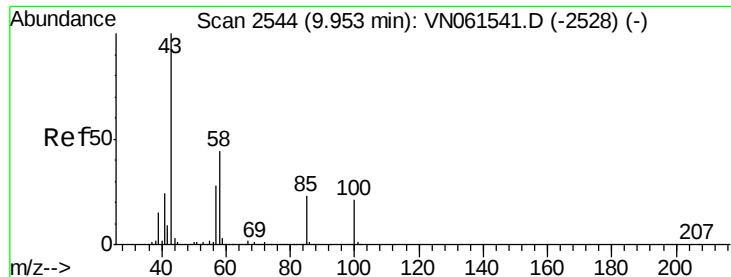
#50
 Toluene-d8
 Concen: 53.179 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion: 98 Resp: 630449
 Ion Ratio Lower Upper
 98 100
 100 65.6 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: 92.632 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

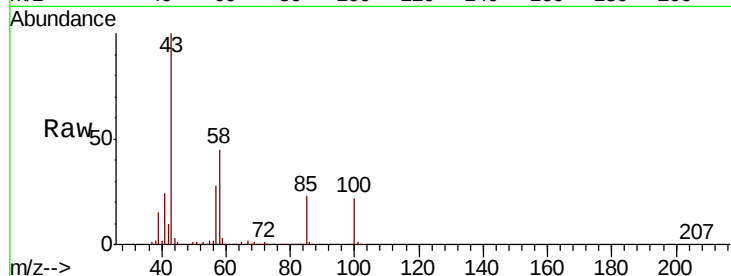
VN0612WBSD01

Tot Ion: 43 Resp: 337697

Ion Ratio Lower Upper

43 100

58 44.7 35.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-2528) (-)

9.95

200000

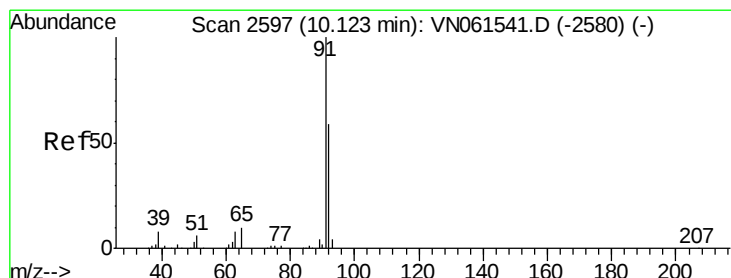
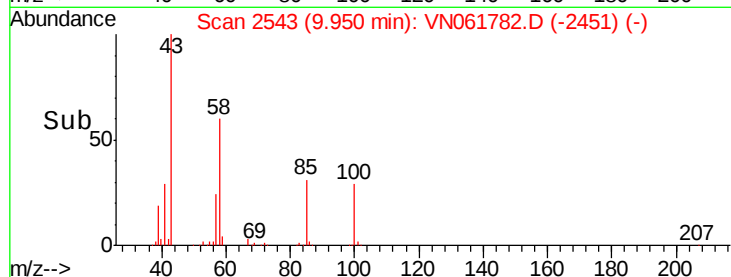
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.720 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061782.D

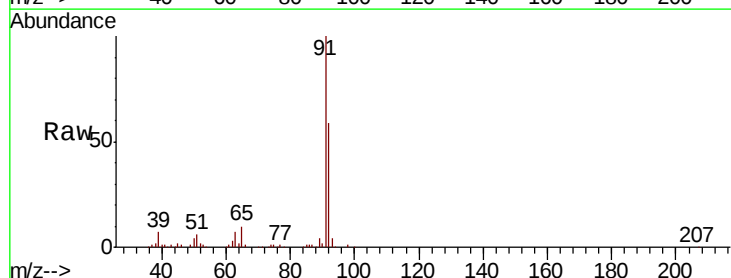
Acq: 12 Jun 2020 11:43

Tgt Ion: 92 Resp: 186285

Ion Ratio Lower Upper

92 100

91 168.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VN061541.D (-2580) (-)

Ion 91.00 (90.70 to 91.70): VN061541.D (-2580) (-)

10.12

200000

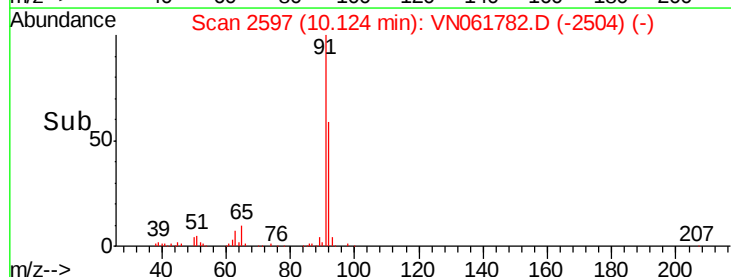
150000

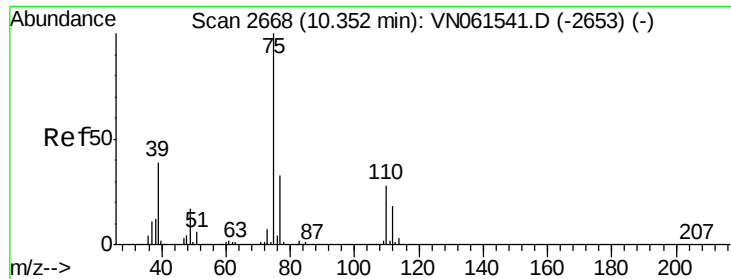
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.779 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

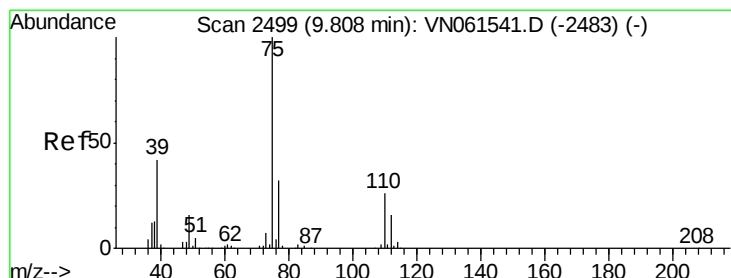
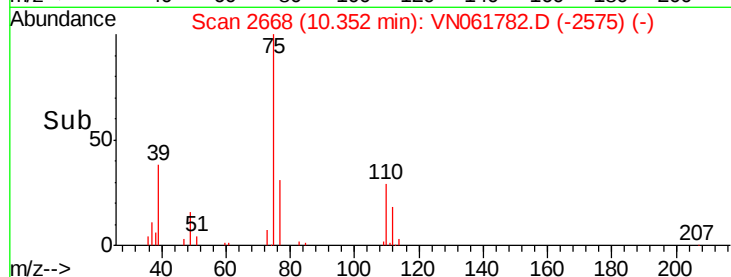
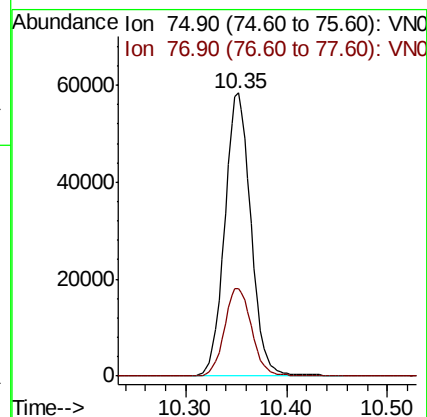
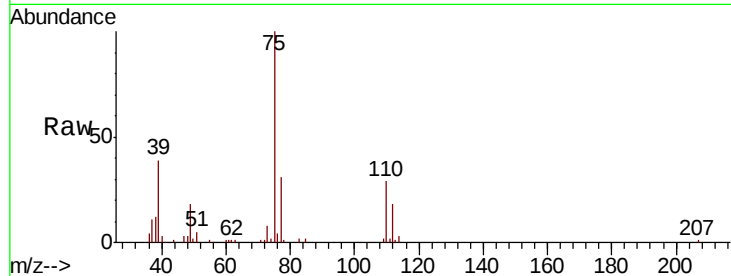
VN0612WBSD01

Tot Ion: 75 Resp: 105900

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 20.375 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

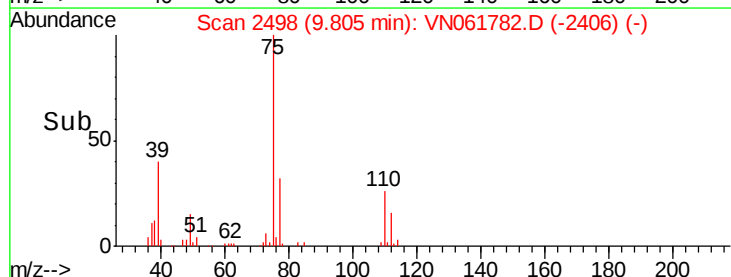
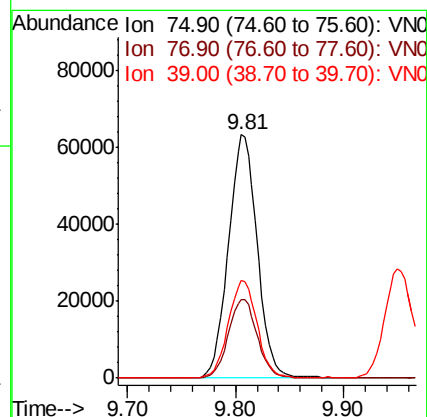
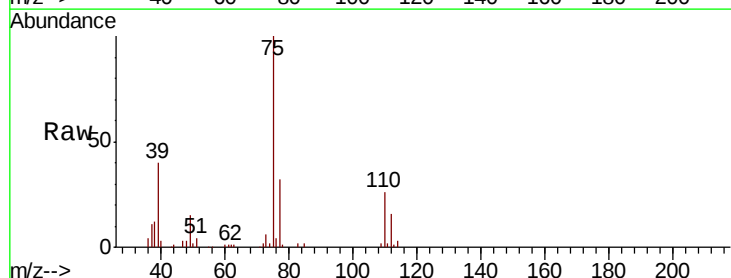
Tgt Ion: 75 Resp: 117295

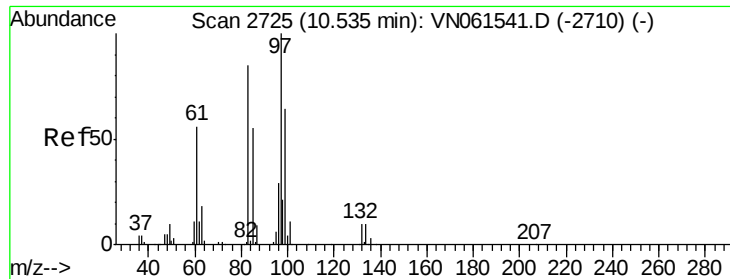
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2

39 40.2 33.8 50.6

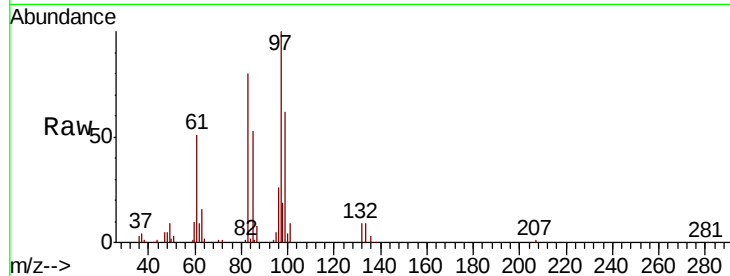




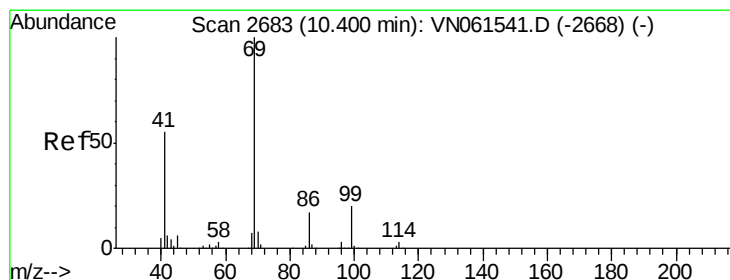
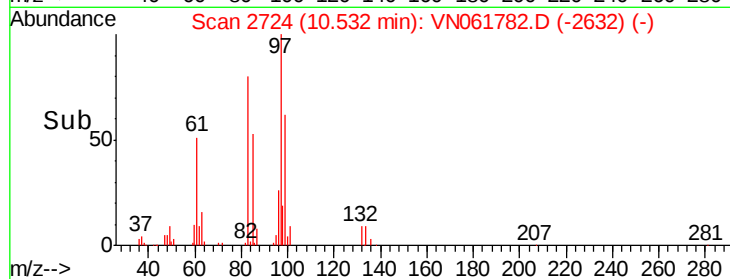
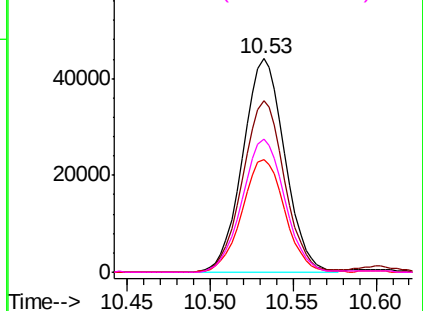
#55
 1,1,2-Trichloroethane
 Concen: 21.788 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Tot Ion: 97 Resp: 78043
 Ion Ratio Lower Upper
 97 100
 83 80.1 68.1 102.1
 85 52.7 44.1 66.1
 99 62.2 51.1 76.7

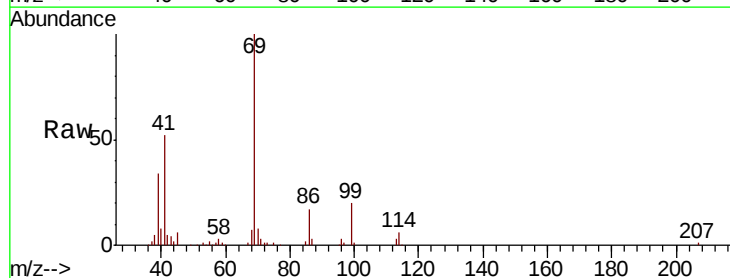


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

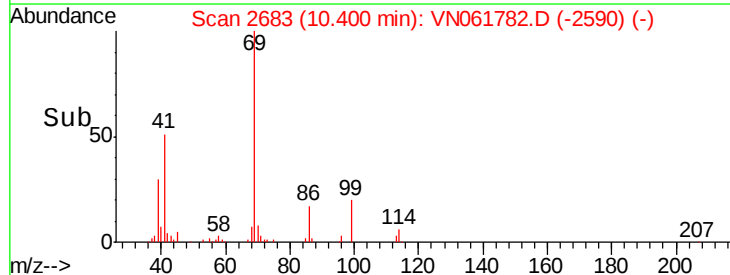
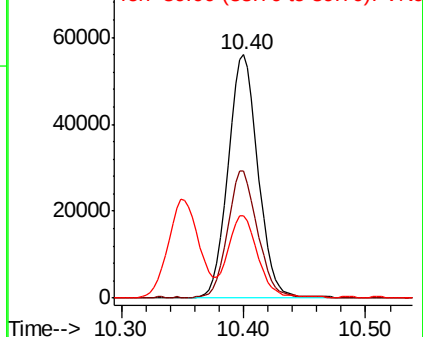


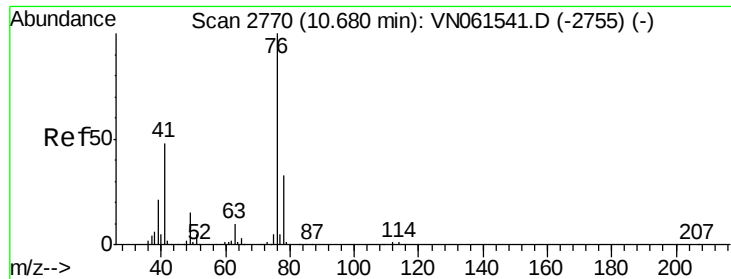
#56
 Ethyl methacrylate
 Concen: 19.148 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion: 69 Resp: 95810
 Ion Ratio Lower Upper
 69 100
 41 51.8 43.5 65.3
 39 33.9 27.0 40.6



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





#57

1,3-Dichloropropane

Concen: 20.896 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

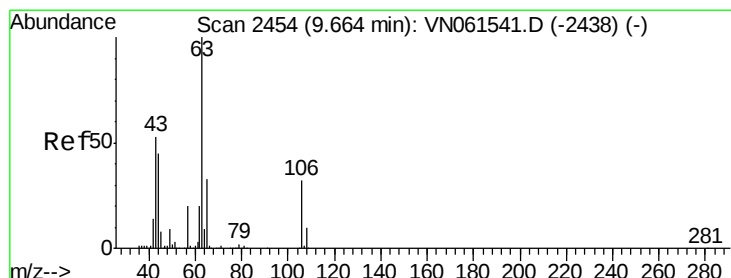
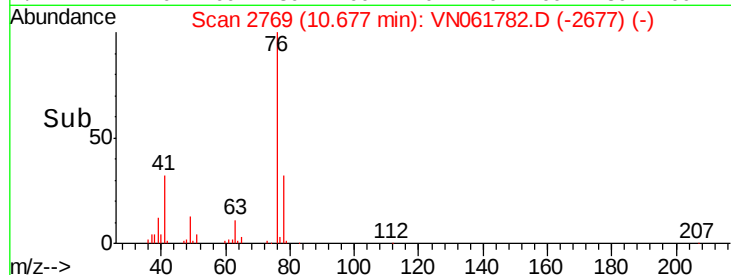
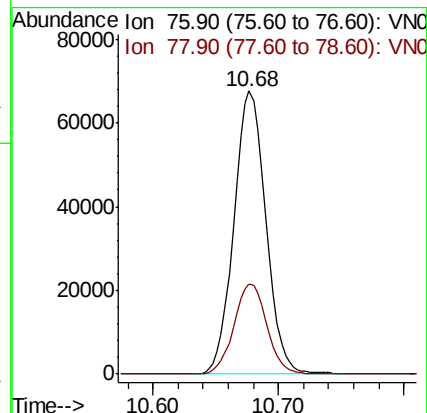
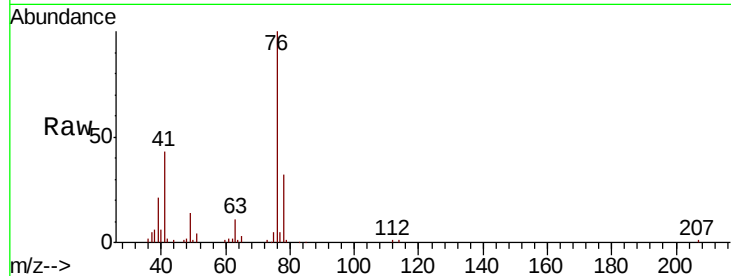
VN0612WBSD01

Tot Ion: 76 Resp: 119711

Ion Ratio Lower Upper

76 100

78 32.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 90.684 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN061782.D

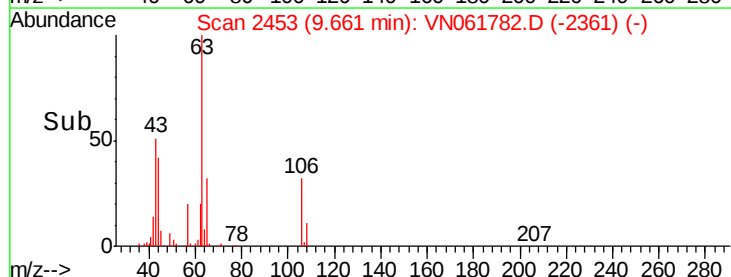
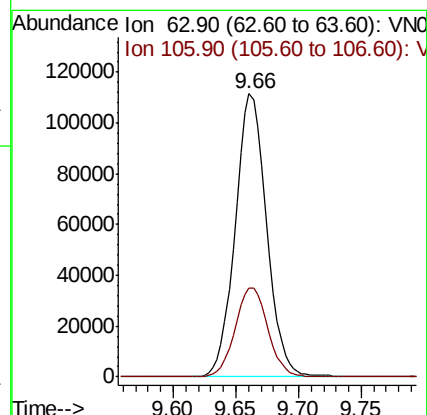
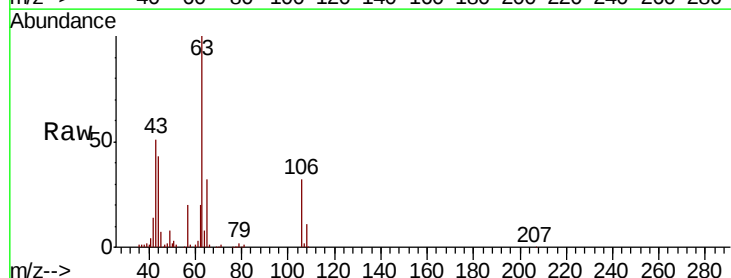
Acq: 12 Jun 2020 11:43

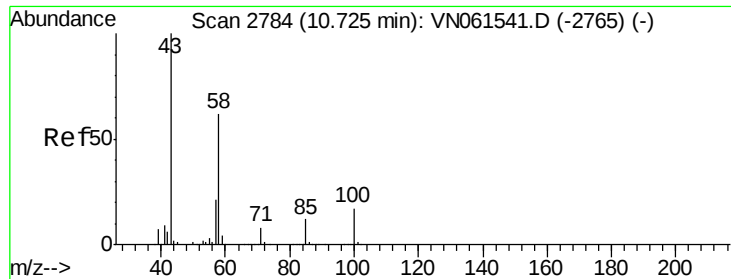
Tgt Ion: 63 Resp: 193906

Ion Ratio Lower Upper

63 100

106 32.8 25.9 38.9

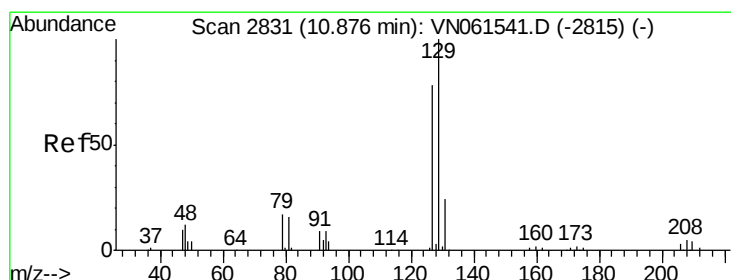
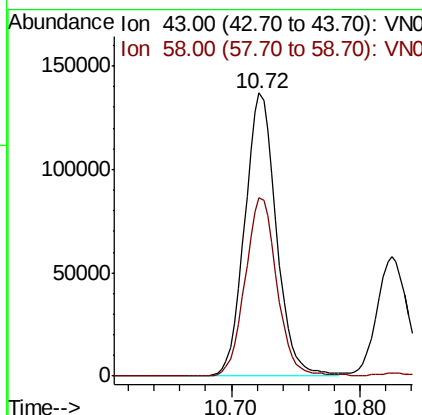
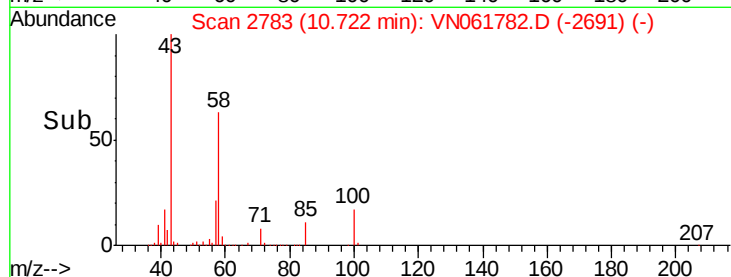
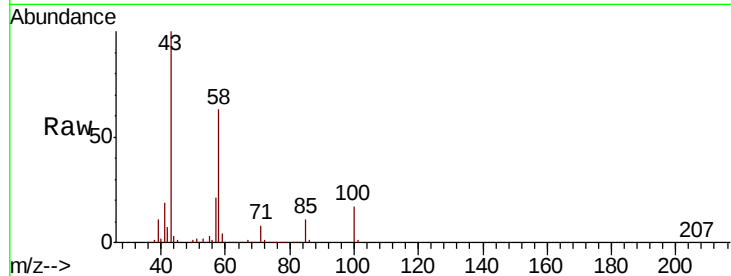




#59
2-Hexanone
Concen: 89.262 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

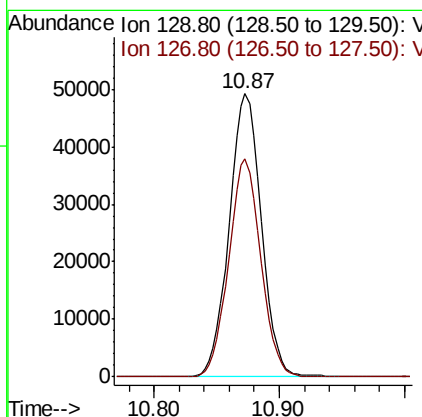
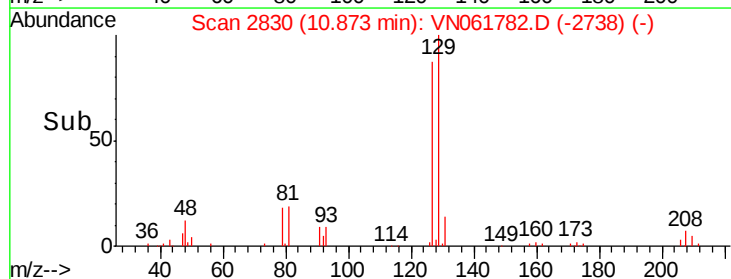
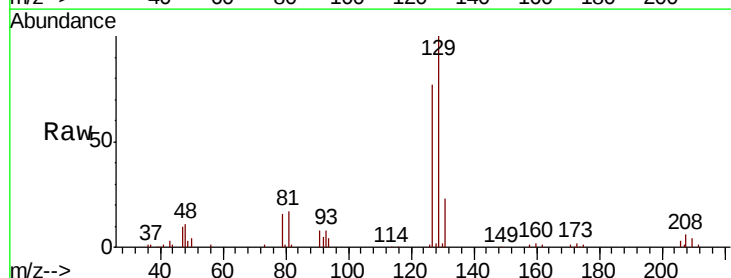
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

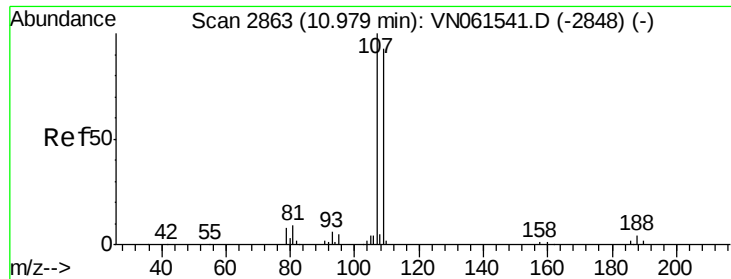
Tot Ion: 43 Resp: 233701
Ion Ratio Lower Upper
43 100
58 63.6 30.7 92.1



#60
Dibromochloromethane
Concen: 21.559 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion: 129 Resp: 87793
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.3

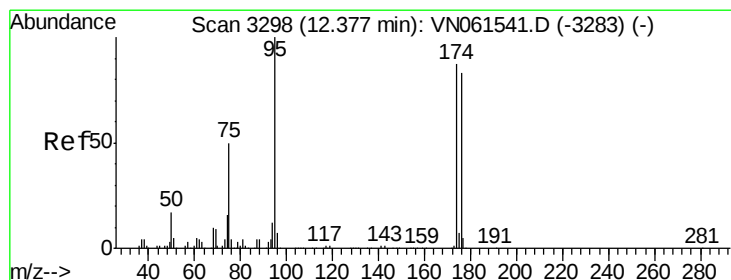
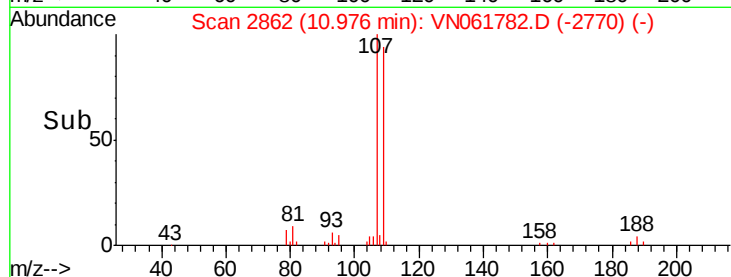
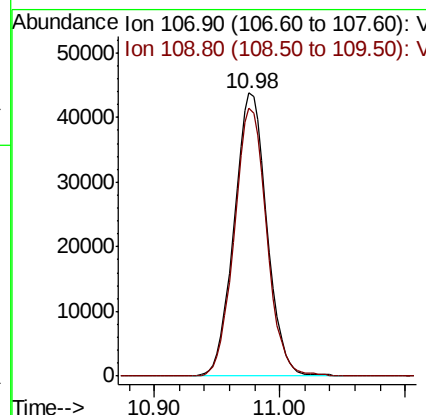
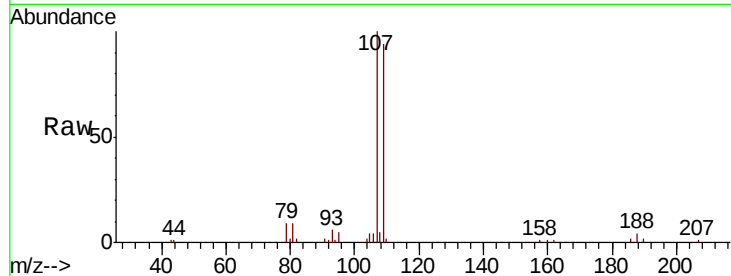




#61
 1,2-Dibromoethane
 Concen: 21.196 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

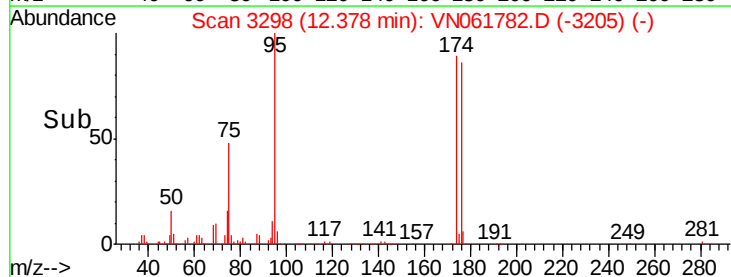
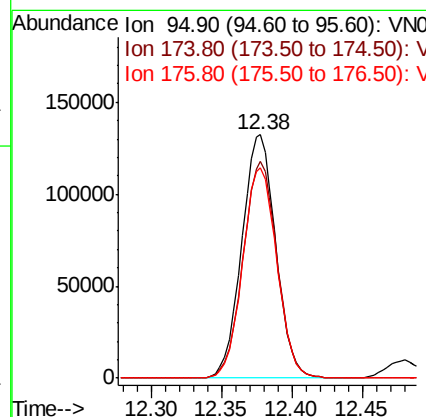
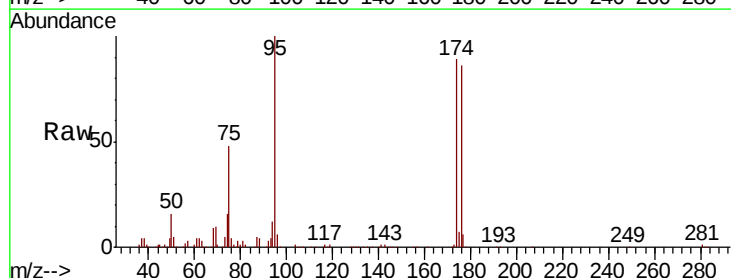
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

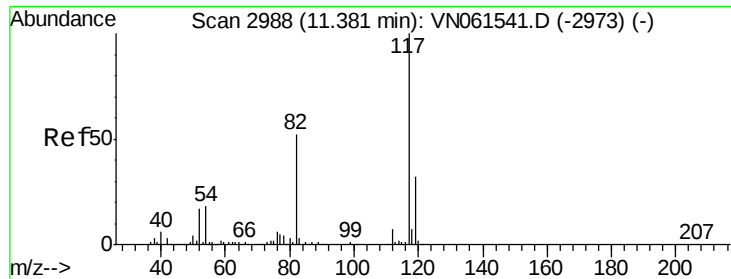
Tot Ion:107 Resp: 79181
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 51.668 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion: 95 Resp: 223475
 Ion Ratio Lower Upper
 95 100
 174 89.2 0.0 172.8
 176 87.2 0.0 164.8

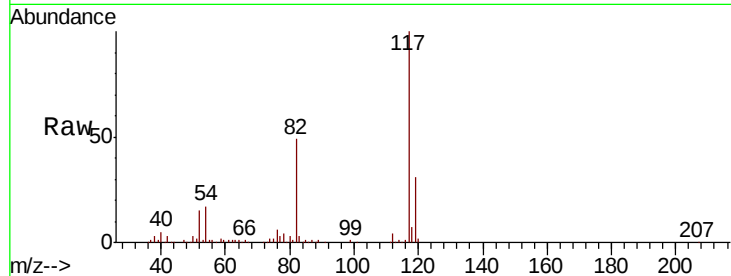




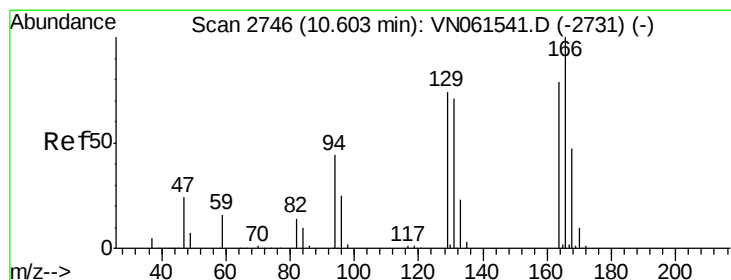
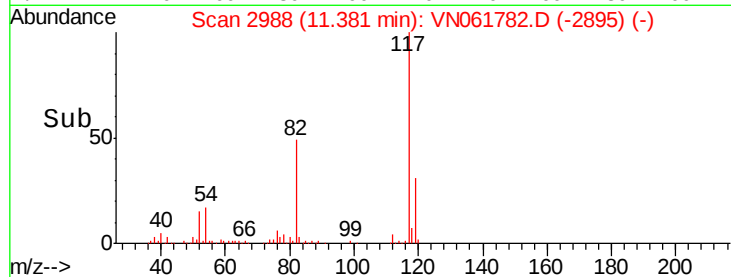
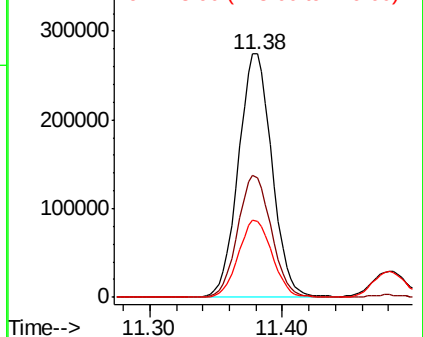
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampled :
VN0612WBSD01

Tot Ion:117 Resp: 482678
Ion Ratio Lower Upper
117 100
82 49.1 41.5 62.3
119 31.4 25.6 38.4

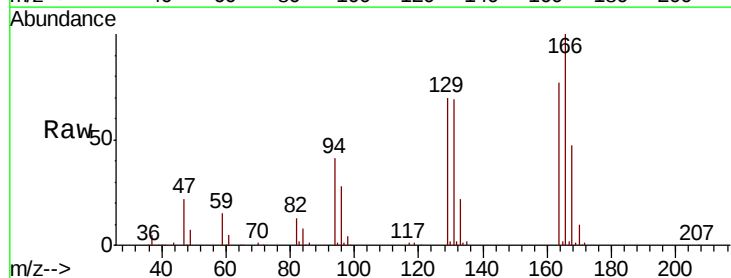


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

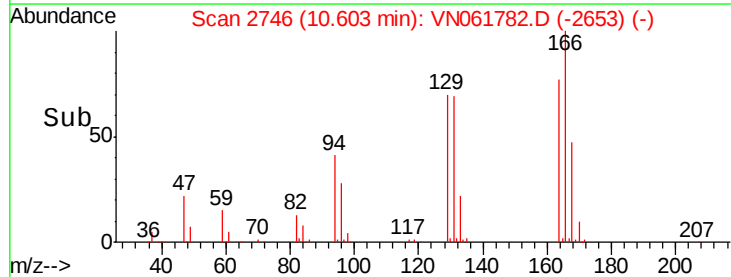
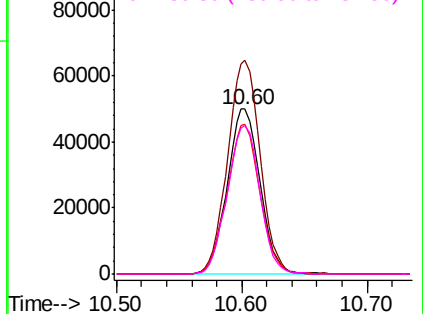


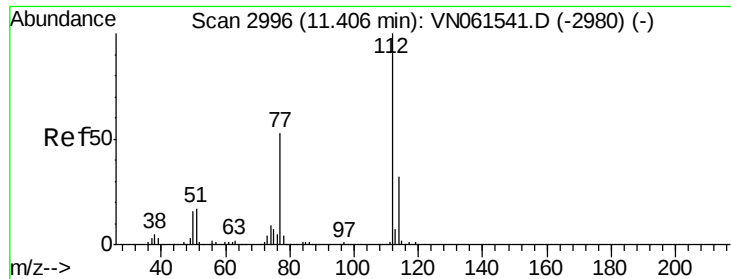
#64
Tetrachloroethene
Concen: 19.939 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion:164 Resp: 90593
Ion Ratio Lower Upper
164 100
166 129.6 101.5 152.3
129 90.8 74.9 112.3
131 89.9 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: 20.517 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampled :

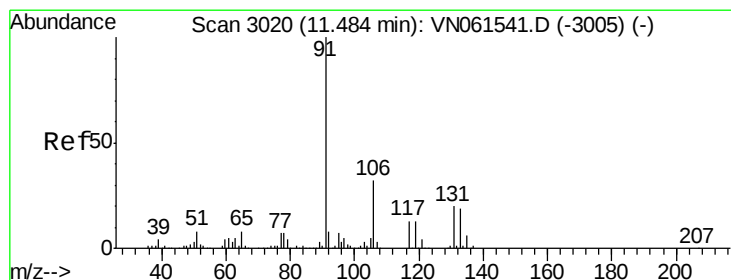
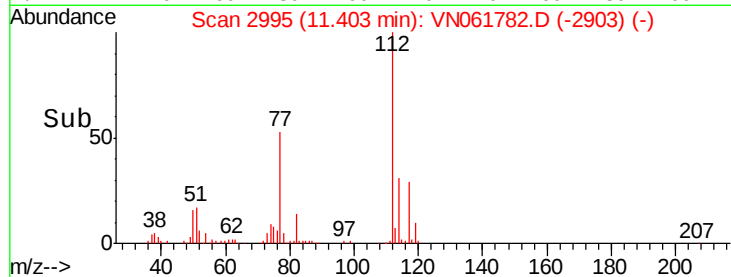
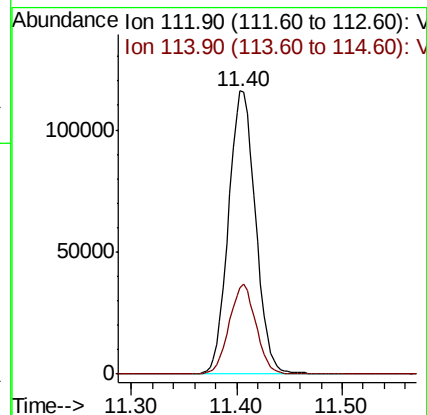
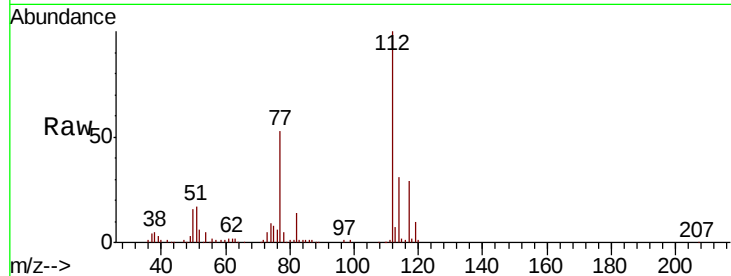
VN0612WBSD01

Tot Ion:112 Resp: 205850

Ion Ratio Lower Upper

112 100

114 30.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 21.311 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

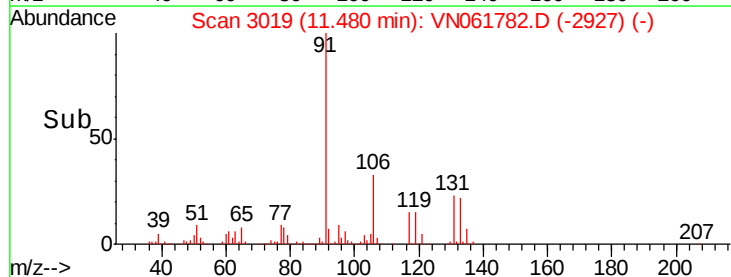
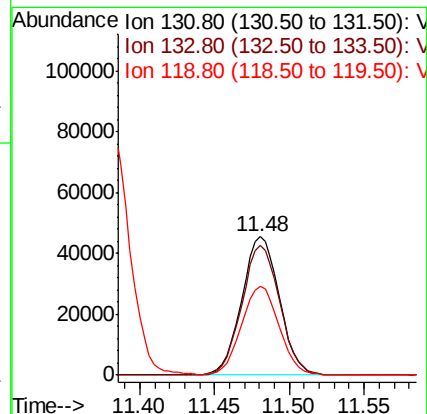
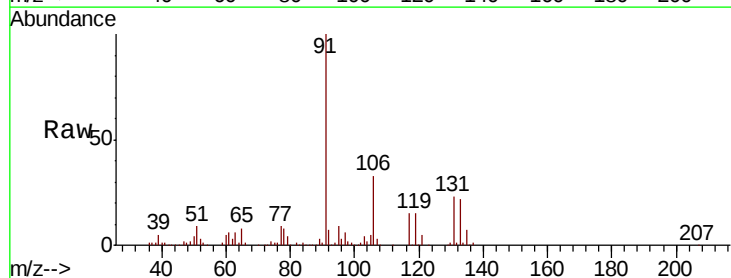
Tgt Ion:131 Resp: 79615

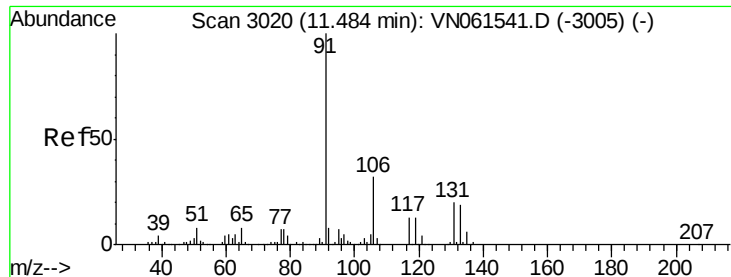
Ion Ratio Lower Upper

131 100

133 94.2 47.4 142.2

119 64.7 32.6 97.8

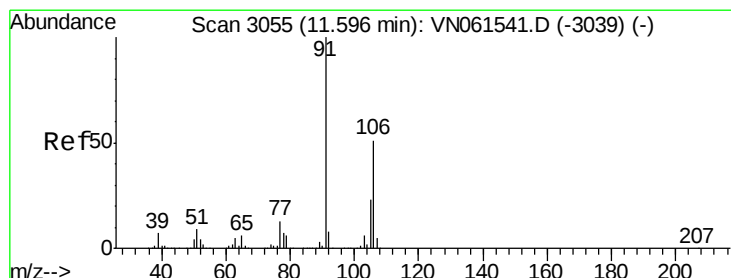
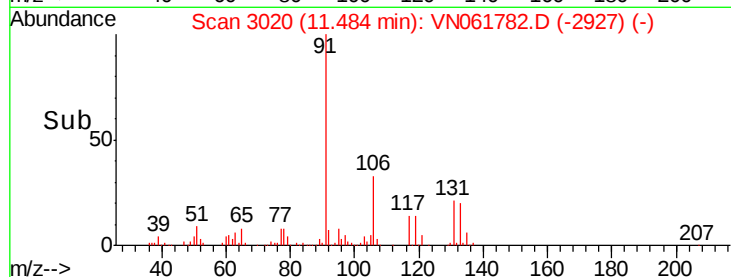
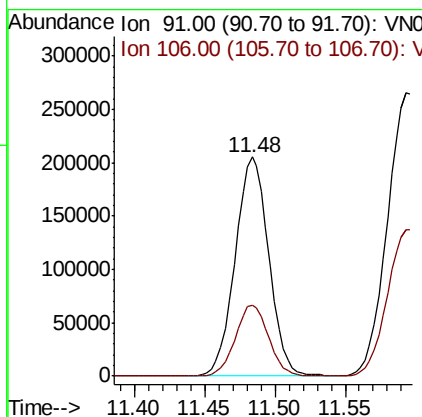
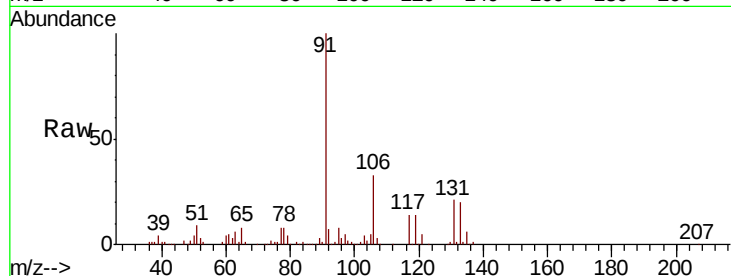




#67
Ethyl Benzene
Concen: 19.785 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

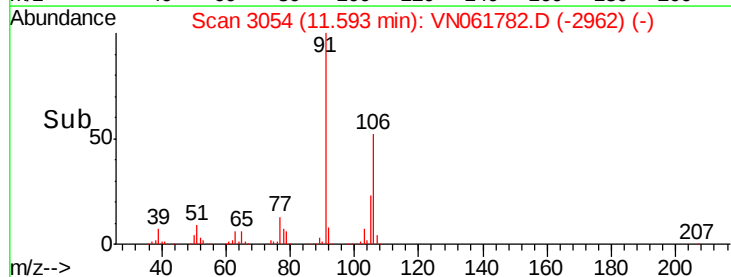
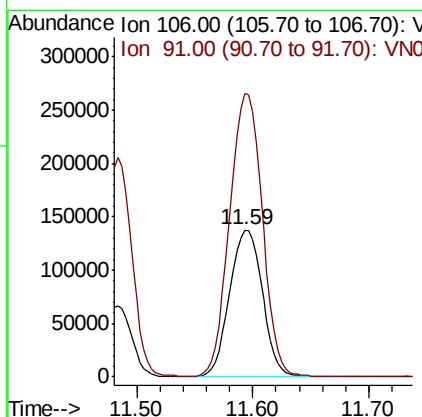
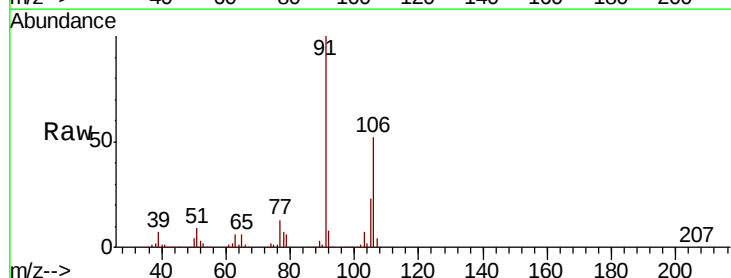
Instrument :
MSVOA_N
ClientSampled :
VN0612WBSD01

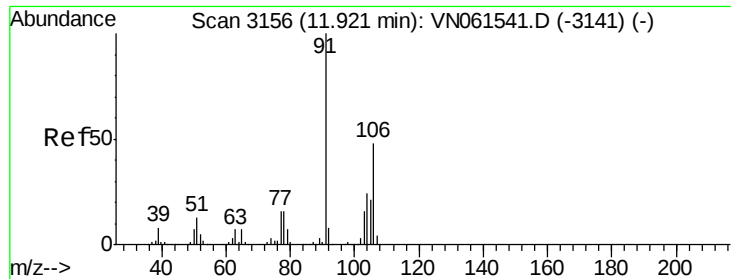
Tot Ion: 91 Resp: 343094
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4



#68
m/p-Xylenes
Concen: 39.191 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion: 106 Resp: 269468
Ion Ratio Lower Upper
106 100
91 193.0 156.2 234.4

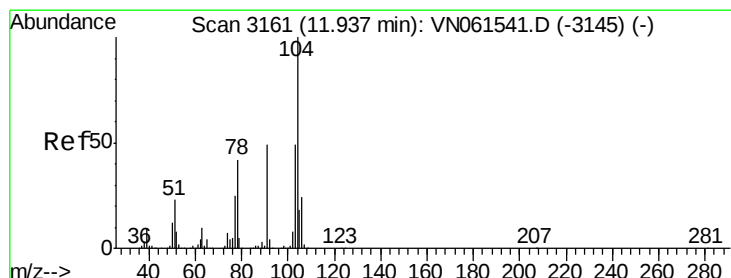
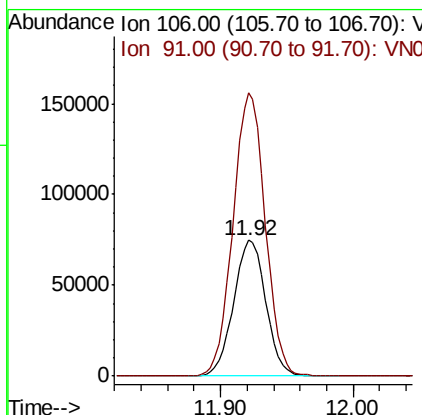
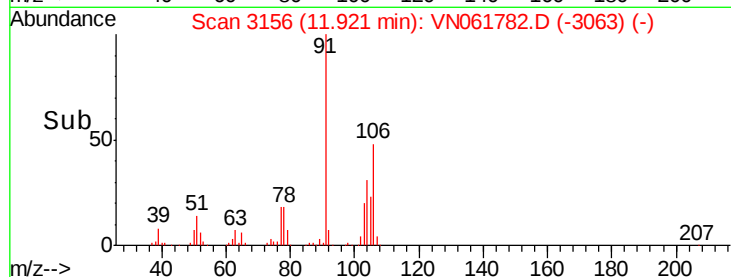
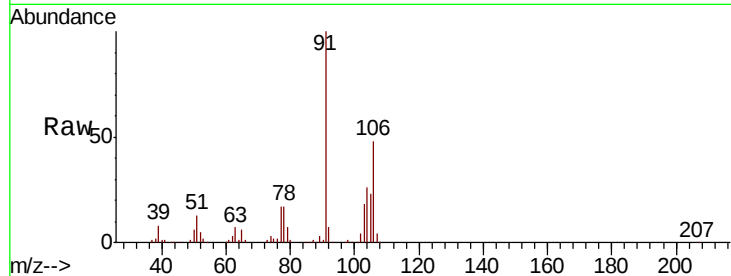




#69
o-Xylene
Concen: 19.320 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

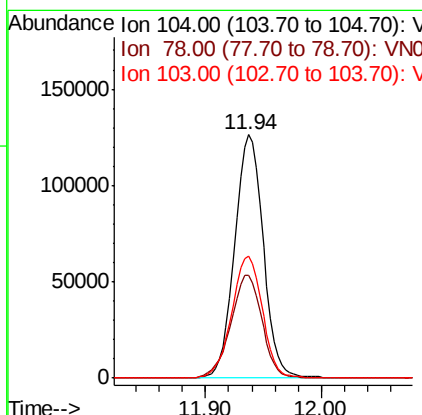
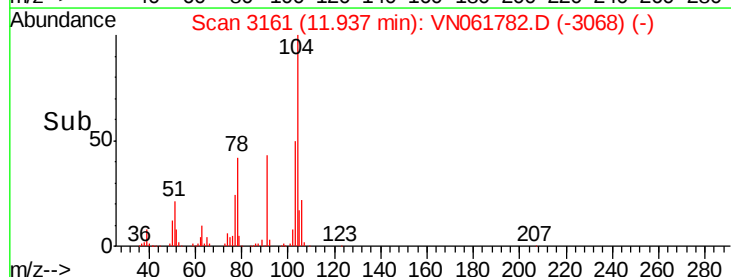
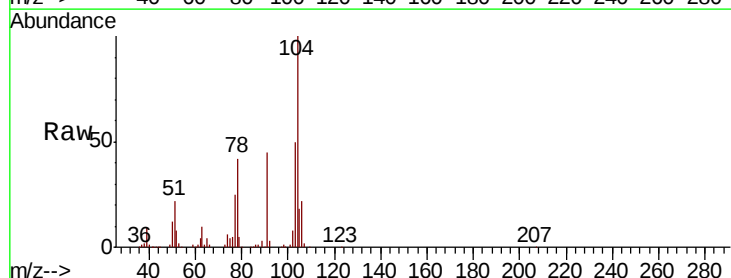
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

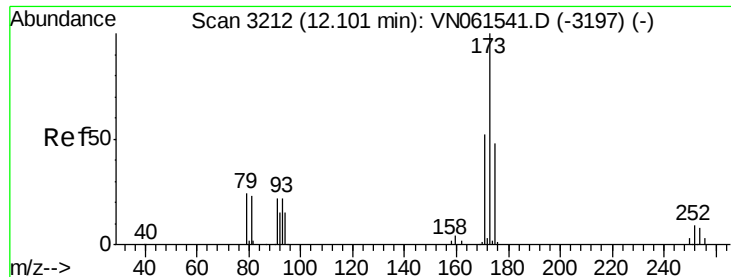
Tot Ion:106 Resp: 126170
Ion Ratio Lower Upper
106 100
91 208.1 103.3 309.8



#70
Styrene
Concen: 19.972 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion:104 Resp: 216003
Ion Ratio Lower Upper
104 100
78 46.2 37.4 56.0
103 53.9 42.3 63.5

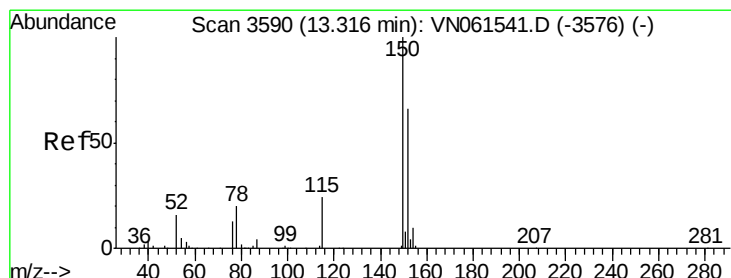
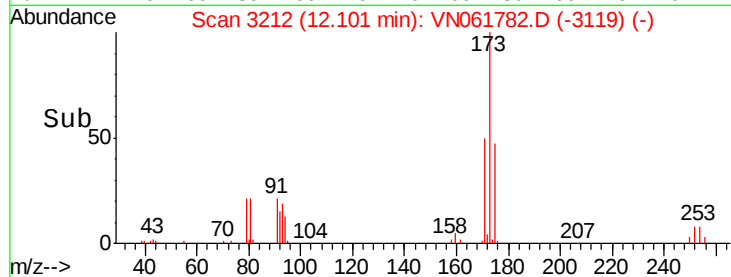
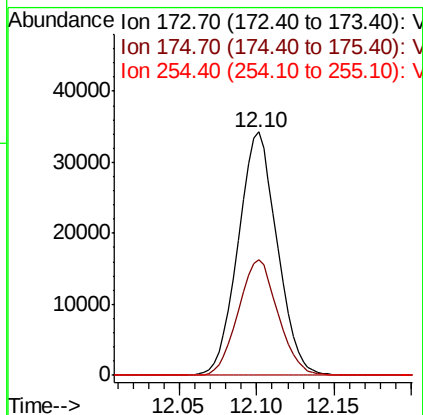
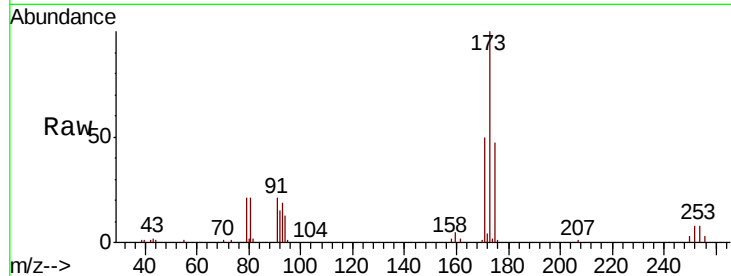




#71
Bromoform
Concen: 20.876 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

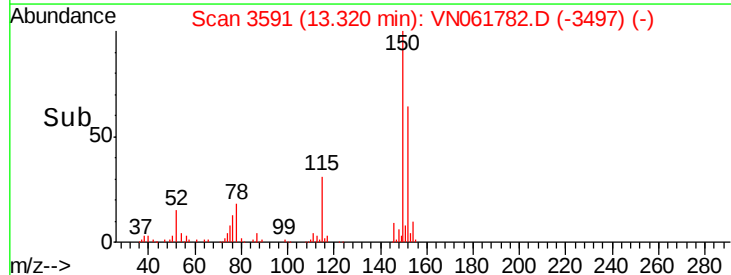
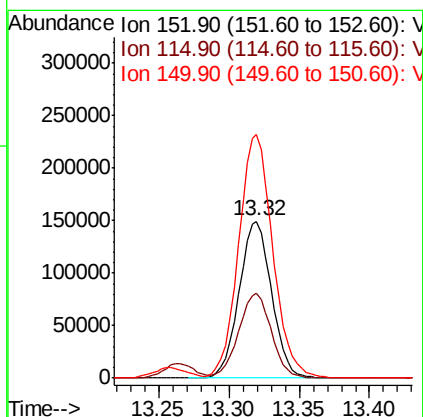
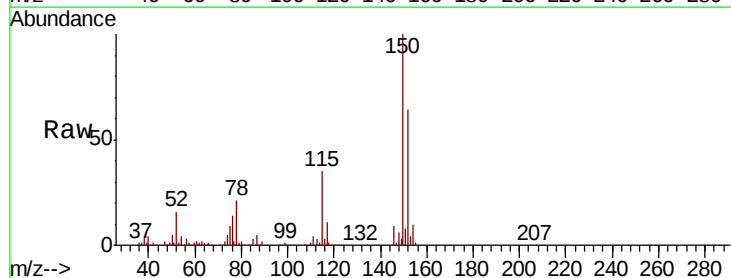
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

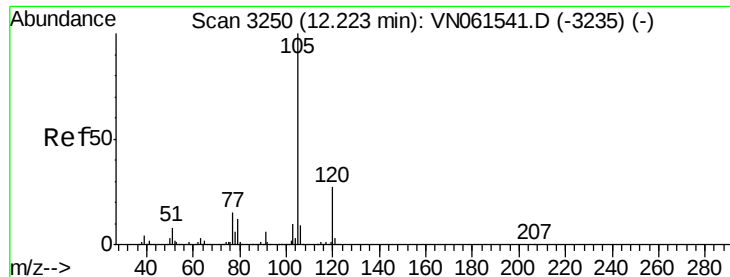
Tot Ion:173 Resp: 60094
Ion Ratio Lower Upper
173 100
175 48.1 24.4 73.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion:152 Resp: 241930
Ion Ratio Lower Upper
152 100
115 54.4 28.0 84.0
150 162.8 0.0 344.0





#73

Isopropylbenzene

Concen: 19.158 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

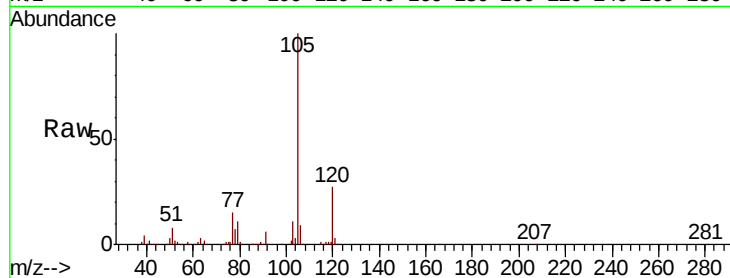
VN0612WBSD01

Tot Ion:105 Resp: 338281

Ion Ratio Lower Upper

105 100

120 27.1 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

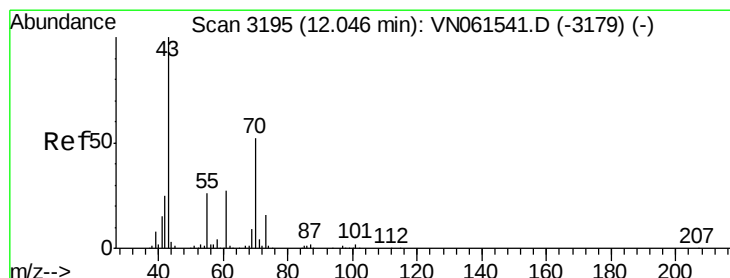
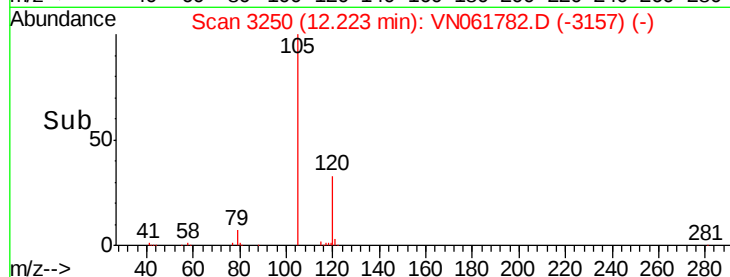
50000

0

12.22

12.30

Time-->



#74

N-ethyl acetate

Concen: 16.753 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Tgt Ion: 43 Resp: 93160

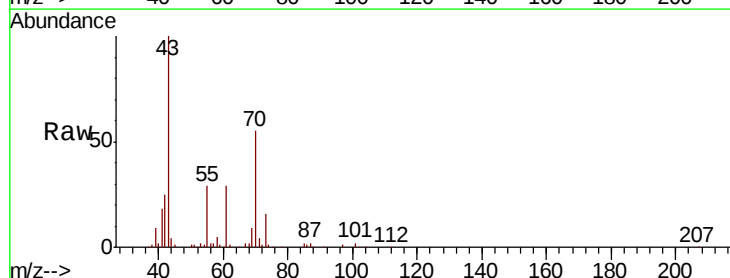
Ion Ratio Lower Upper

43 100

70 53.8 40.5 60.7

55 28.7 20.6 31.0

61 28.4 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

40000

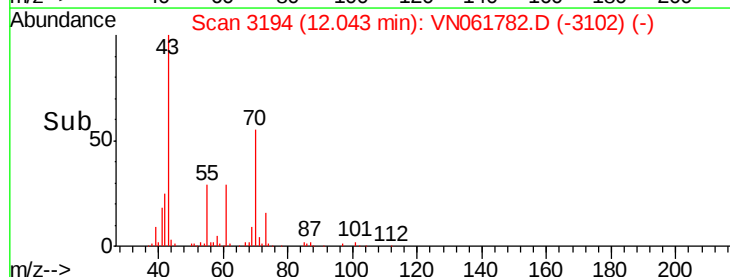
20000

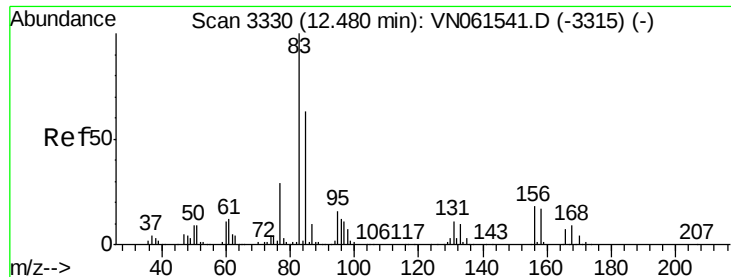
0

12.04

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.682 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

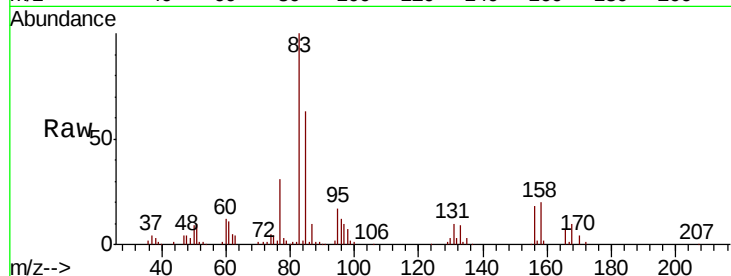
Tot Ion: 83 Resp: 97391

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.5

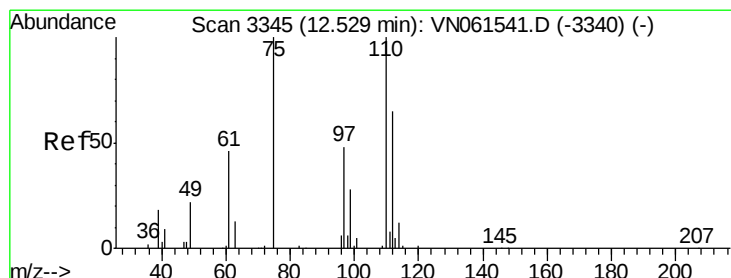
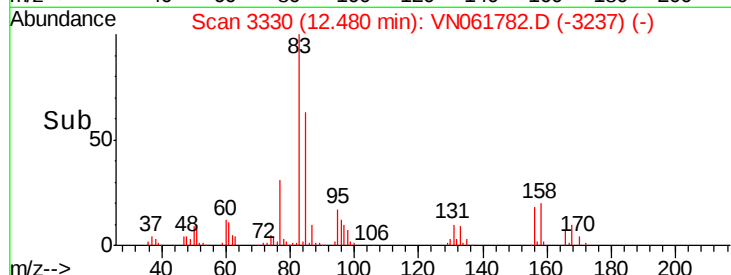
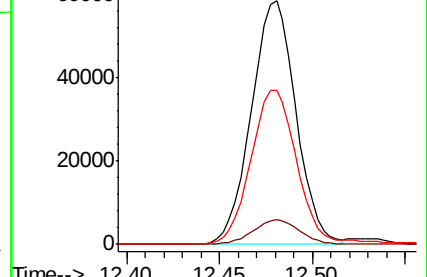
85 66.1 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061782.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061782.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061782.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 27.565 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061782.D

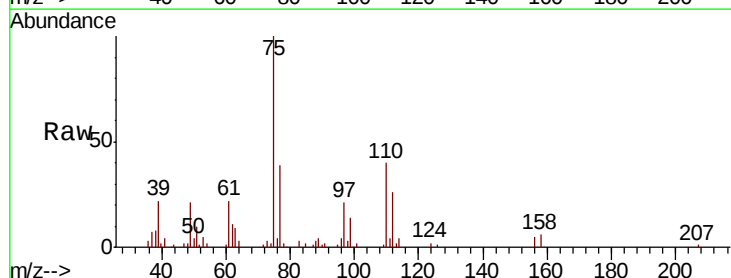
Acq: 12 Jun 2020 11:43

Tgt Ion: 75 Resp: 121266

Ion Ratio Lower Upper

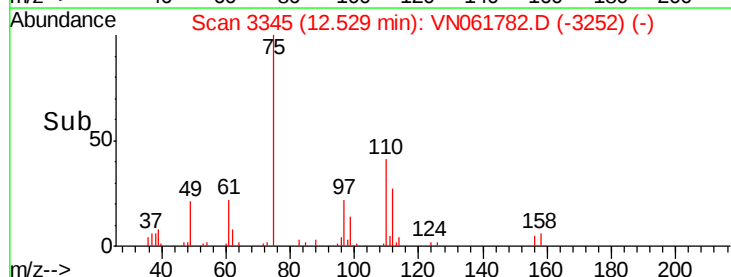
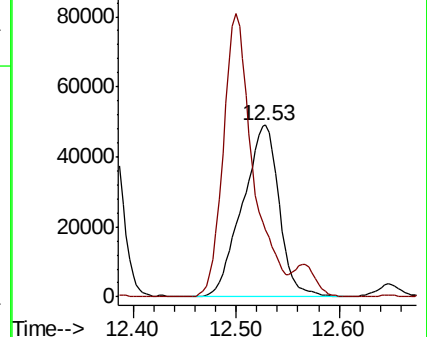
75 100

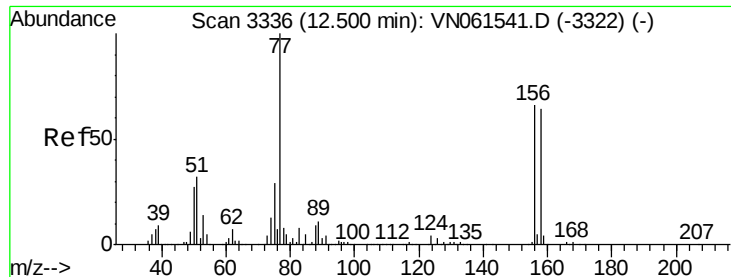
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061782.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061782.D (-3252) (-)





#77

Bromobenzene

Concen: 19.886 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

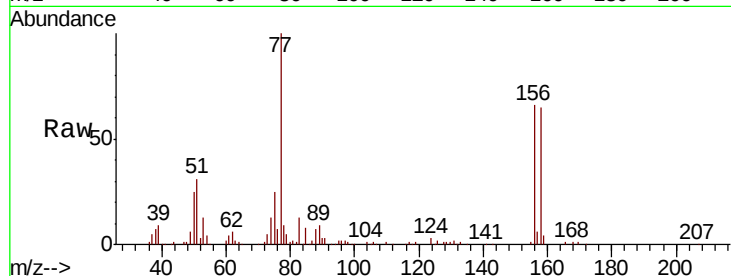
Tot Ion:156 Resp: 89632

Ion Ratio Lower Upper

156 100

77 181.9 90.9 272.7

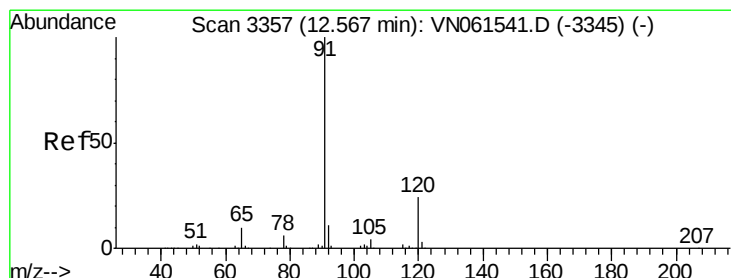
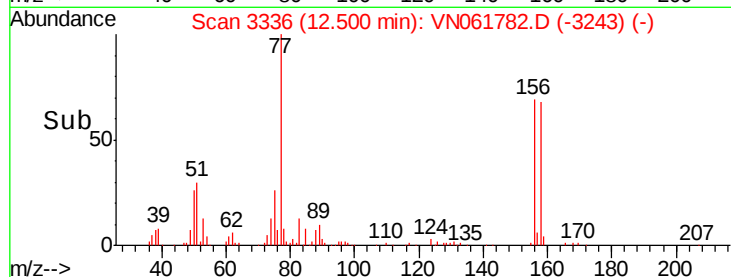
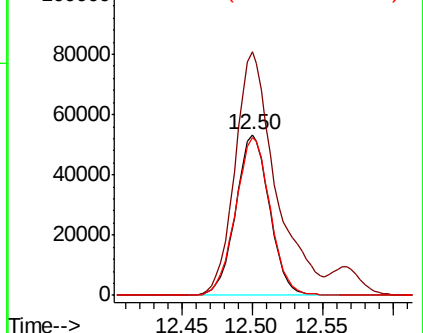
158 100.7 48.4 145.3



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: 19.263 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061782.D

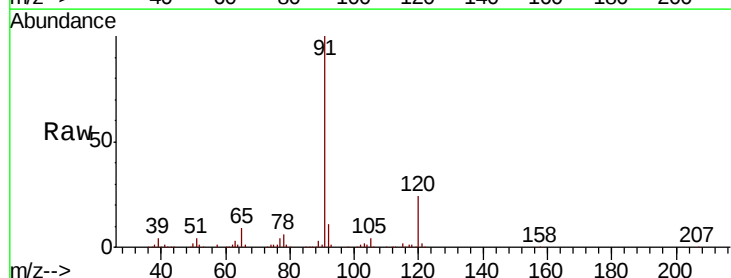
Acq: 12 Jun 2020 11:43

Tgt Ion: 91 Resp: 379725

Ion Ratio Lower Upper

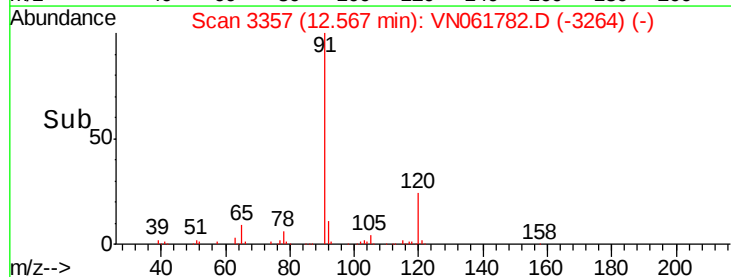
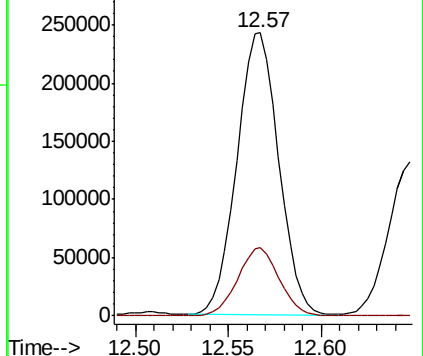
91 100

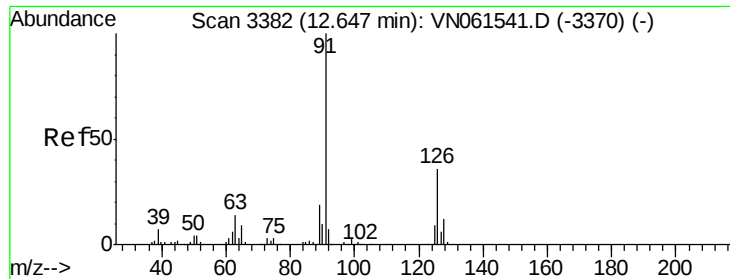
120 23.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

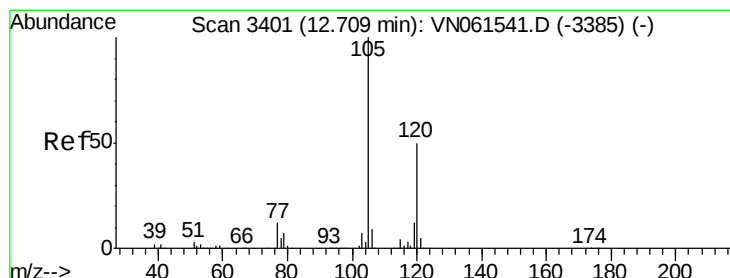
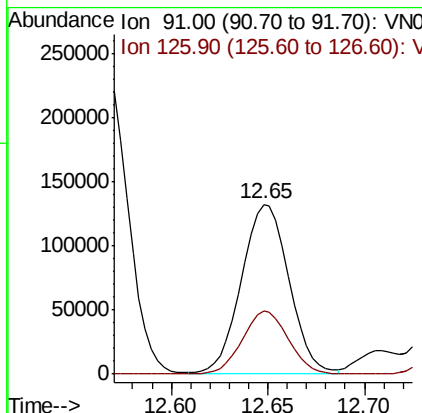
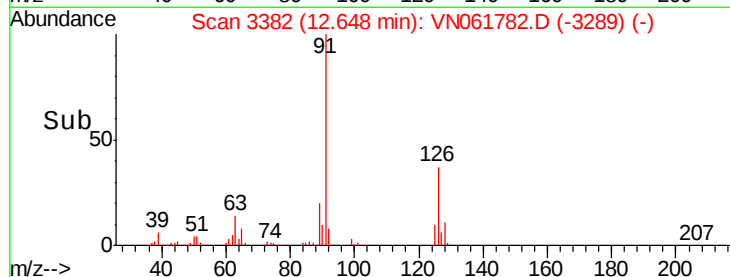
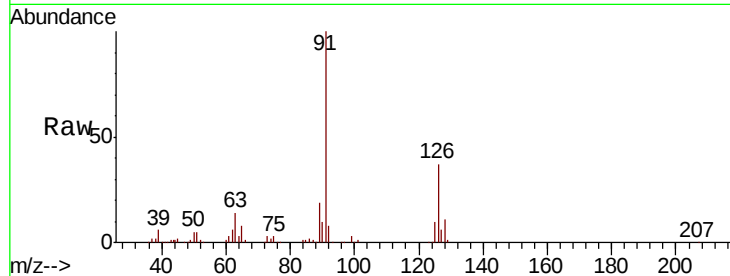




#79
 2-Chlorotoluene
 Concen: 19.090 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

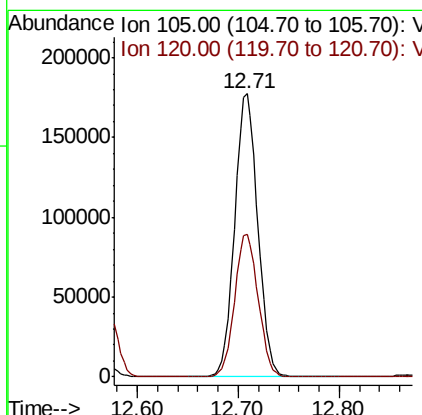
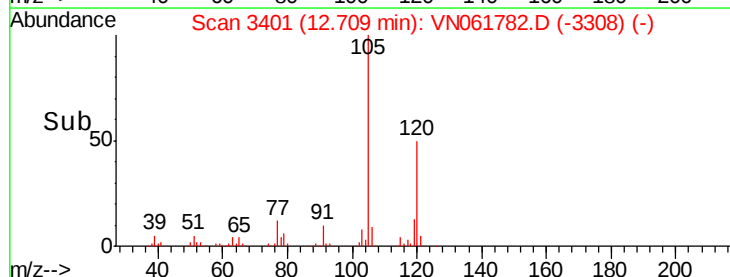
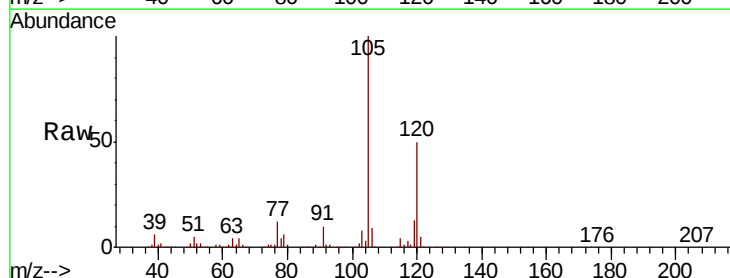
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

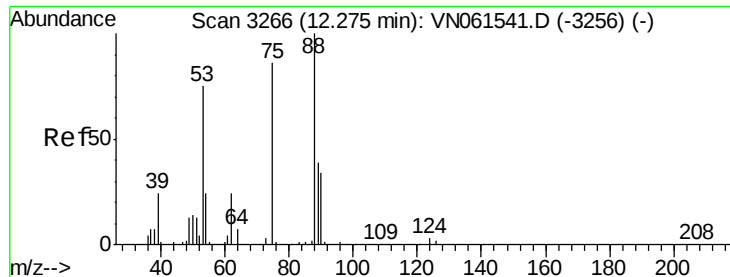
Tot Ion: 91 Resp: 224387
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.156 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion: 105 Resp: 282711
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.959 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

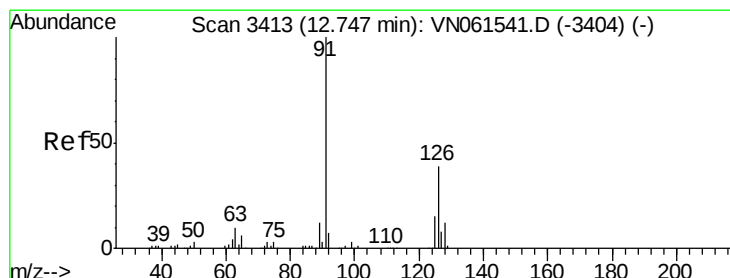
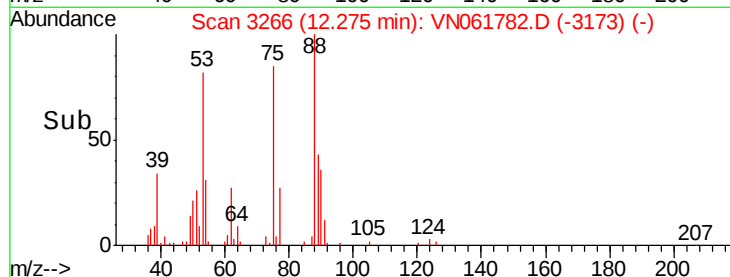
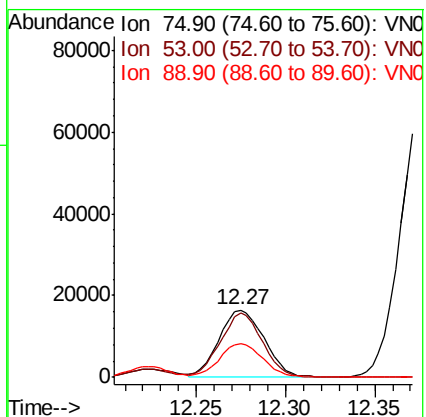
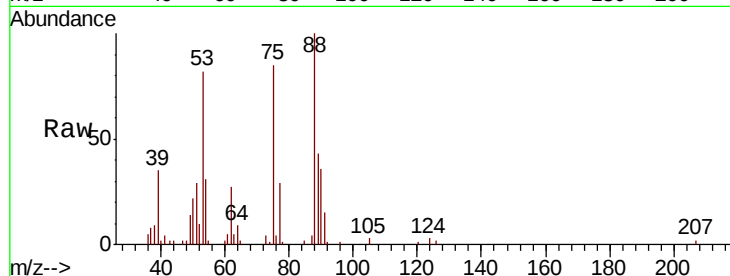
Tot Ion: 75 Resp: 29175

Ion Ratio Lower Upper

75 100

53 90.3 67.8 101.8

89 47.8 37.1 55.7



#82

4-Chlorotoluene

Concen: 18.917 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061782.D

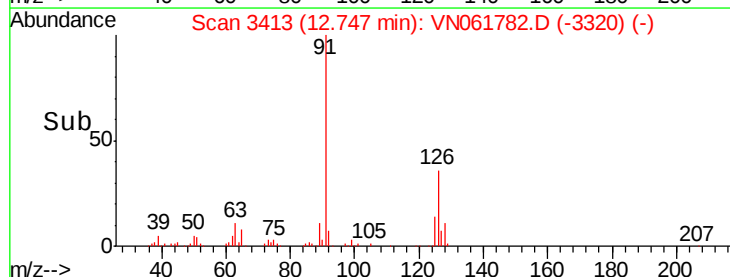
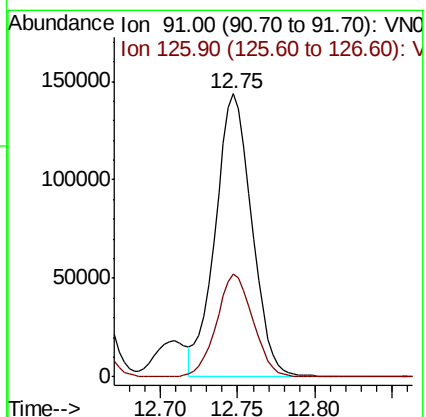
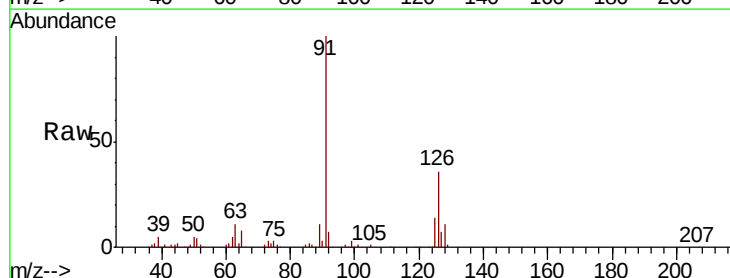
Acq: 12 Jun 2020 11:43

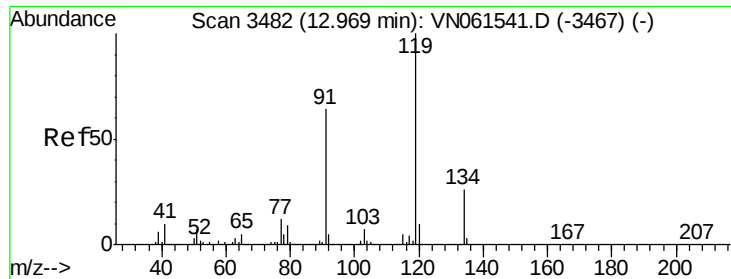
Tgt Ion: 91 Resp: 233916

Ion Ratio Lower Upper

91 100

126 36.6 17.5 52.6

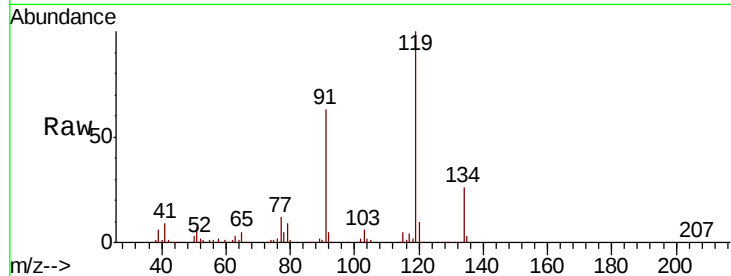




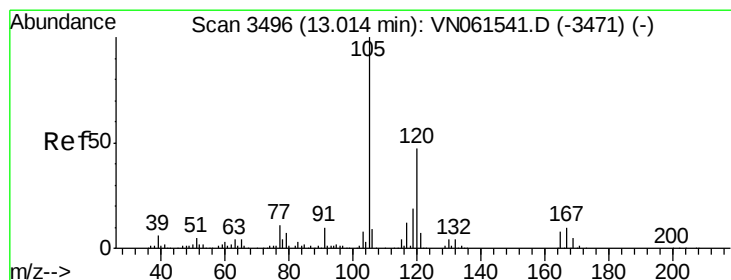
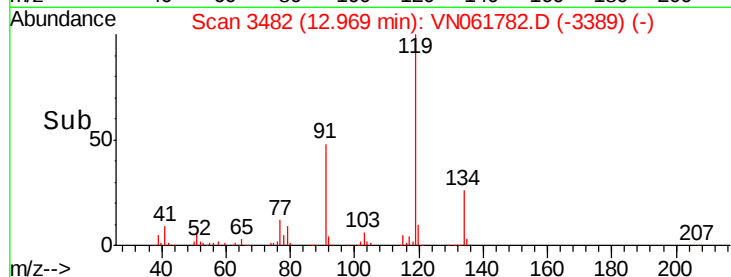
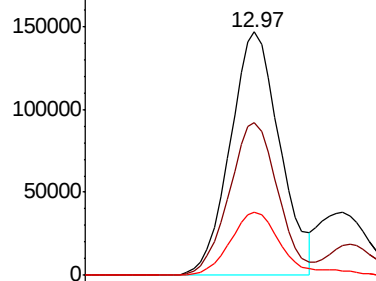
#83
tert-Butylbenzene
Concen: 18.447 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	31.3	93.8
134	27.1	13.5	40.4

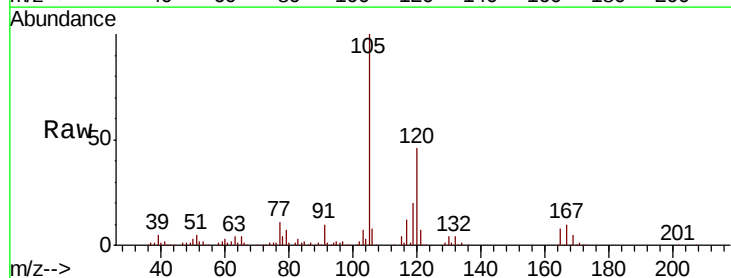


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

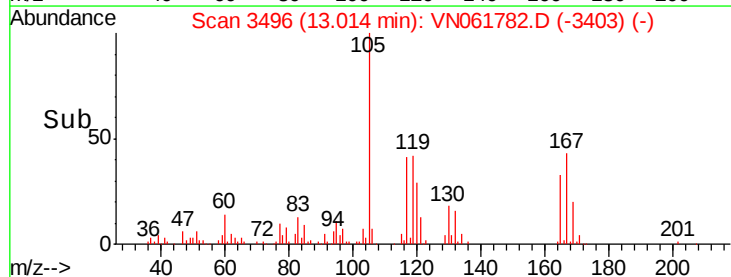
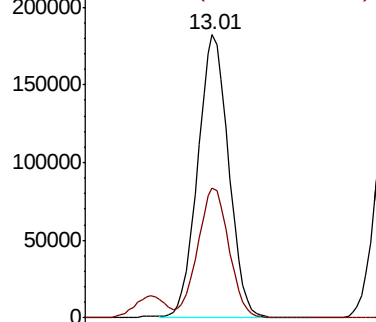


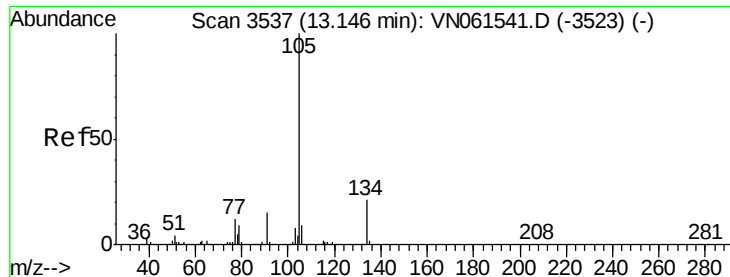
#84
1,2,4-Trimethylbenzene
Concen: 19.417 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.2	69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.506 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampled :

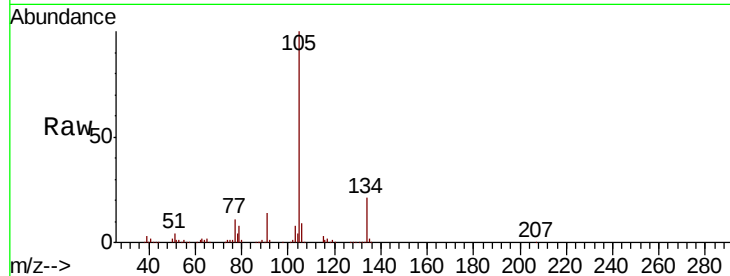
VN0612WBSD01

Tot Ion:105 Resp: 310954

Ion Ratio Lower Upper

105 100

134 21.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

200000

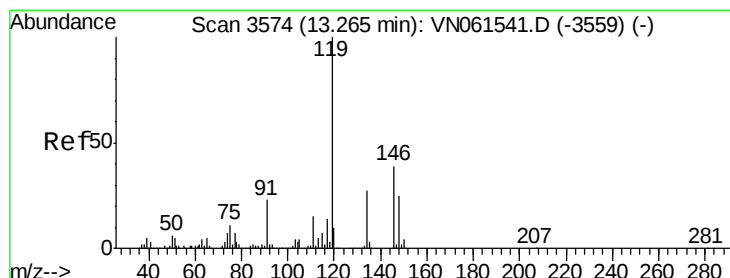
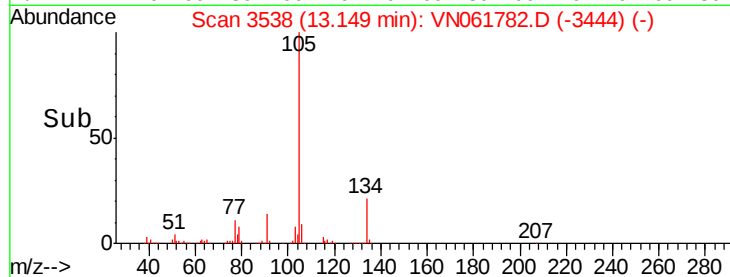
150000

100000

50000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 19.107 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

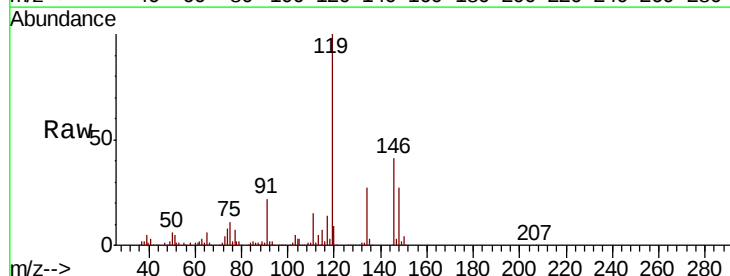
Tgt Ion:119 Resp: 295663

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

91 21.5 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

250000

200000

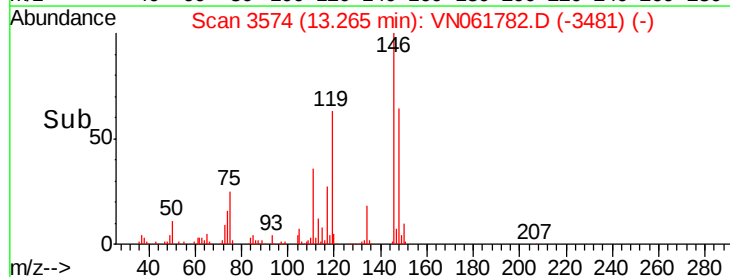
150000

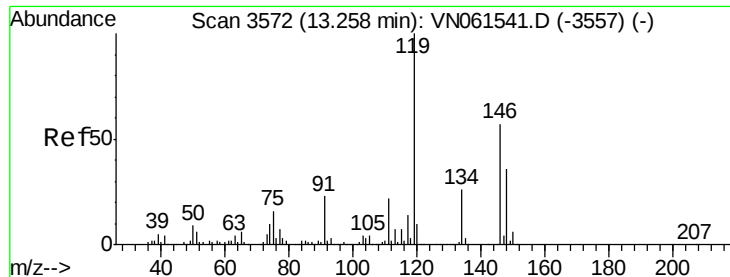
100000

50000

0

Time--> 13.20 13.30 13.40





#87

1,3-Dichlorobenzene

Concen: 20.231 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampled :

VN0612WBSD01

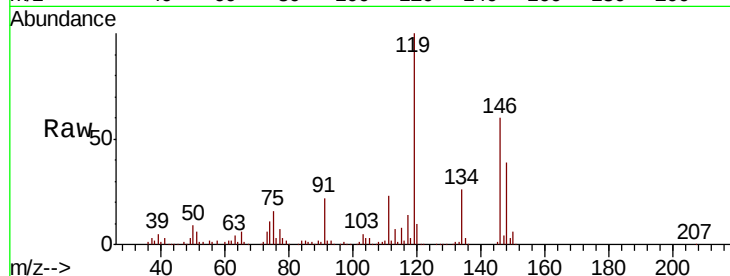
Tot Ion:146 Resp: 161474

Ion Ratio Lower Upper

146 100

111 37.4 19.2 57.6

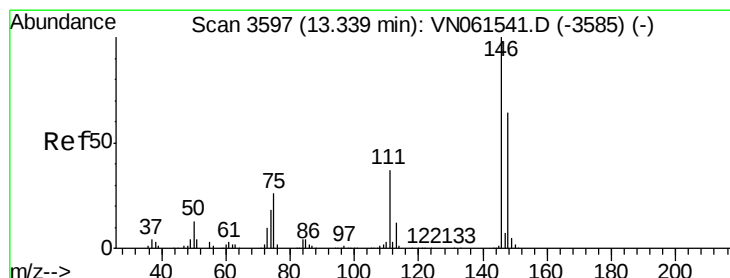
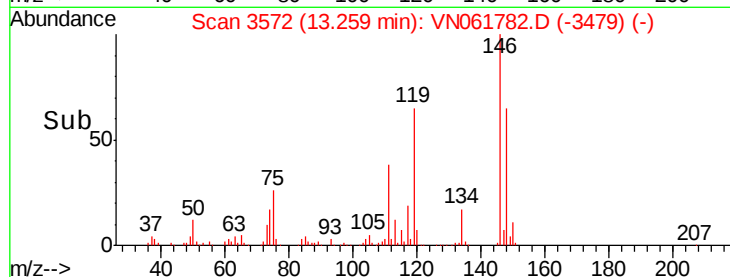
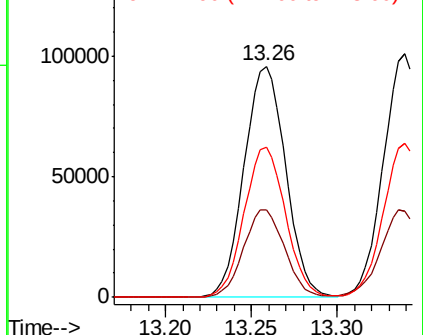
148 64.5 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.200 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

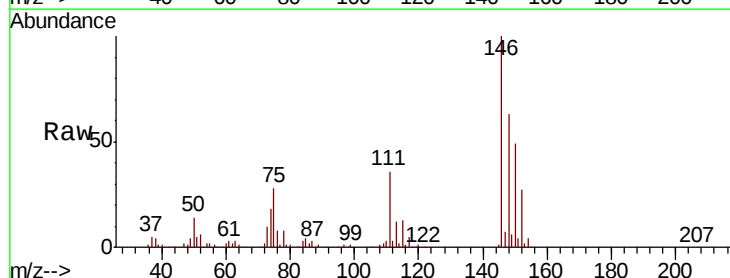
Tgt Ion:146 Resp: 164246

Ion Ratio Lower Upper

146 100

111 37.3 18.9 56.9

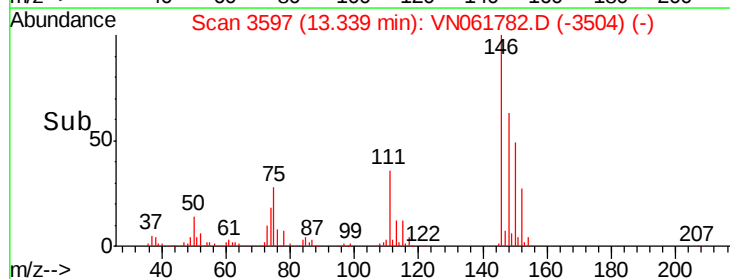
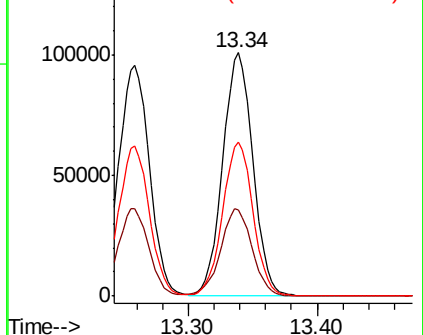
148 63.2 31.8 95.3

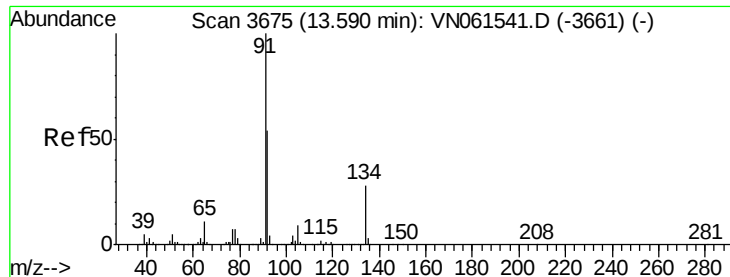


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.766 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061782.D

Acq: 12 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

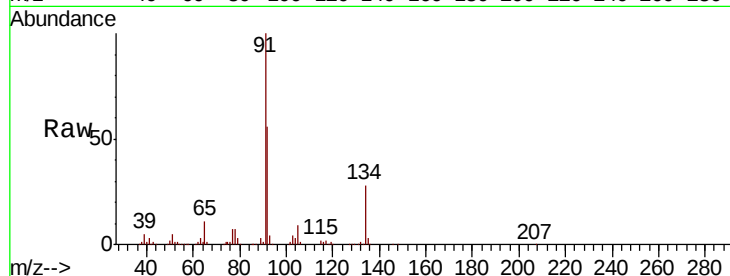
Tot Ion: 91 Resp: 230267

Ion Ratio Lower Upper

91 100

92 54.0 27.2 81.6

134 27.7 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)

13.59

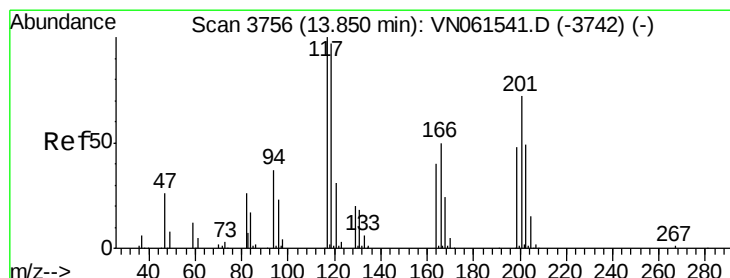
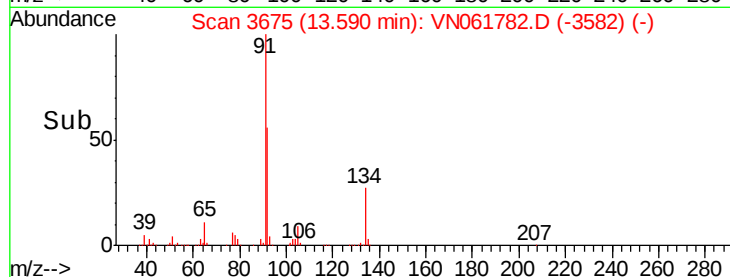
150000

100000

50000

0

13.50 13.55 13.60 13.65



#90

Hexachloroethane

Concen: 24.167 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061782.D

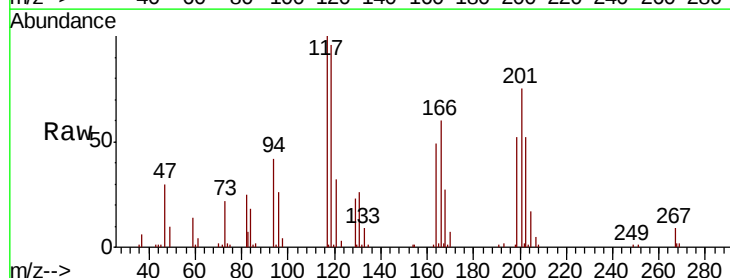
Acq: 12 Jun 2020 11:43

Tgt Ion: 117 Resp: 41358

Ion Ratio Lower Upper

117 100

201 77.0 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)

13.85

25000

20000

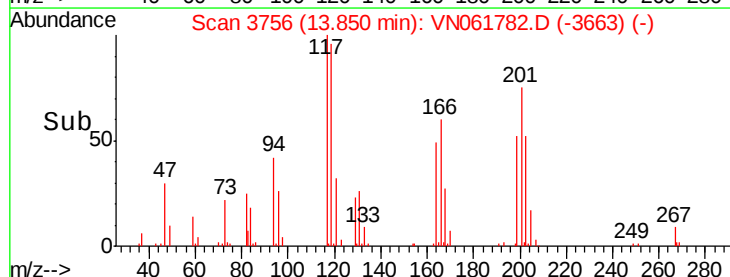
15000

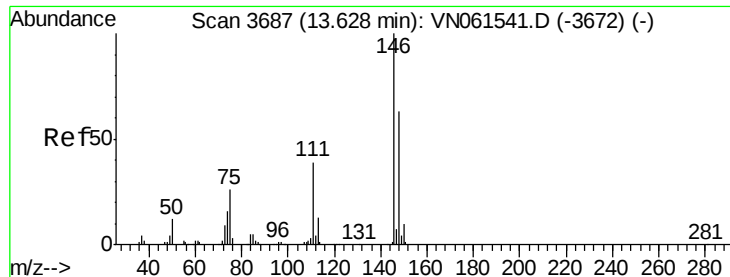
10000

5000

0

13.80 13.85 13.90

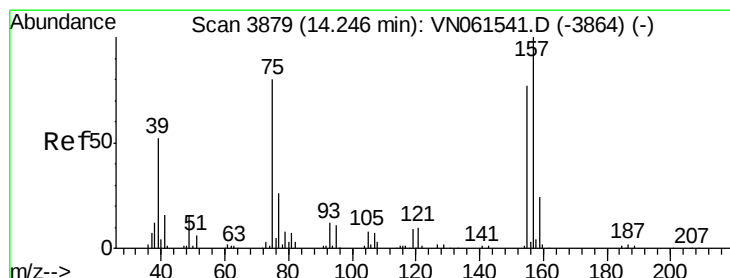
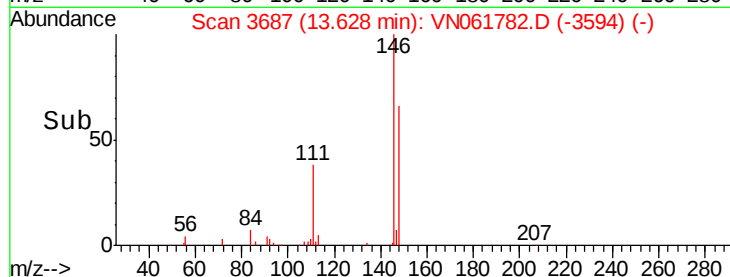
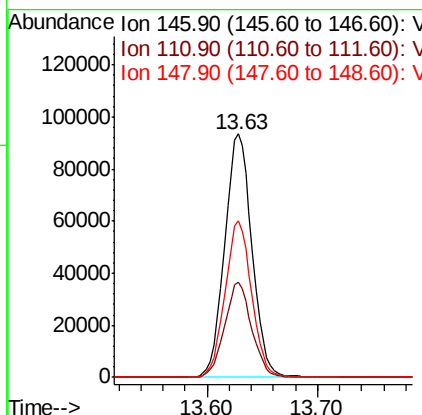
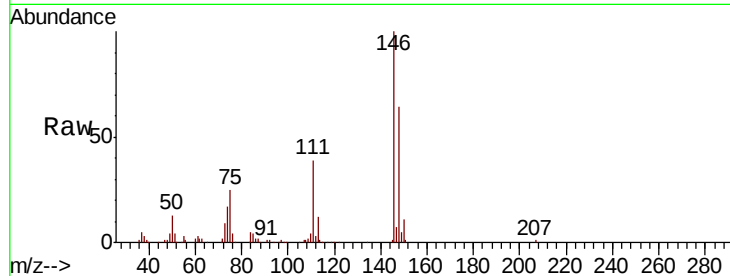




#91
 1,2-Dichlorobenzene
 Concen: 20.953 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

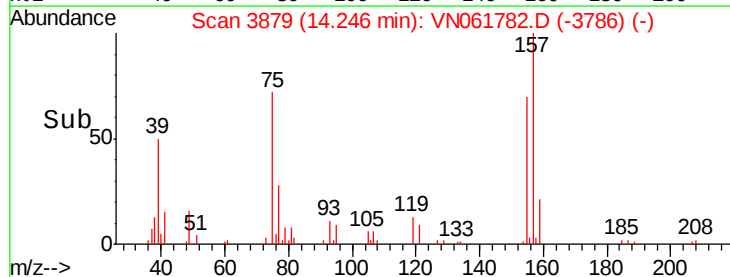
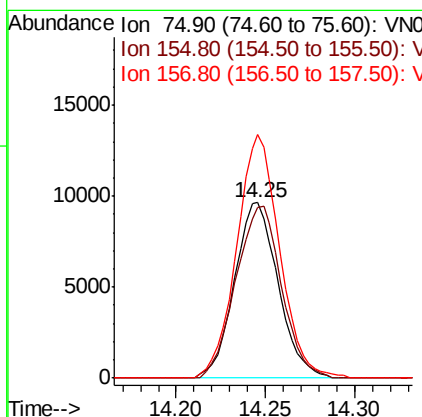
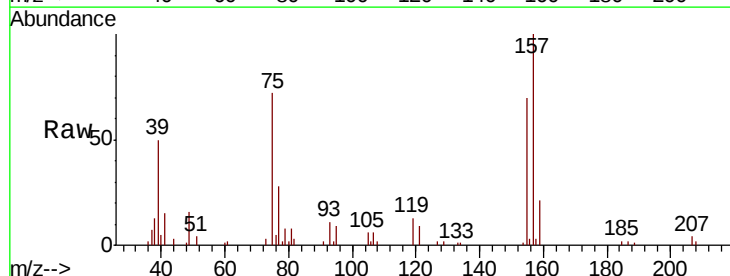
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

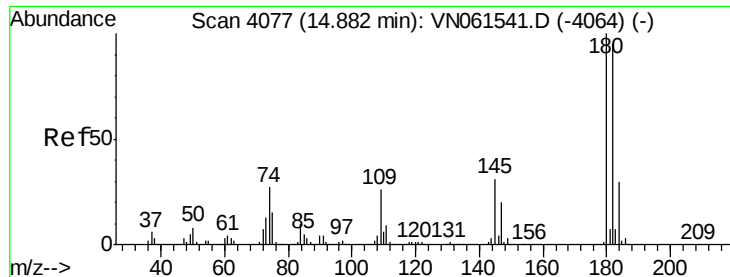
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.1	60.2
148	63.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.258 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.8	47.1	141.4
157	136.4	60.3	180.8

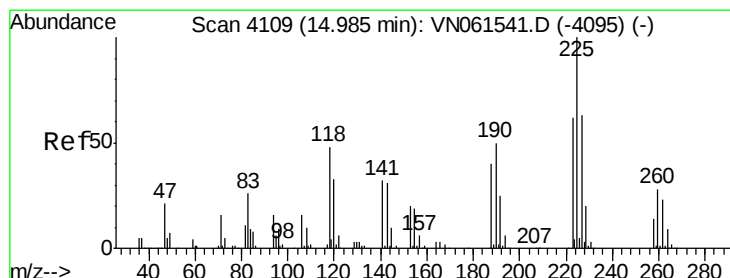
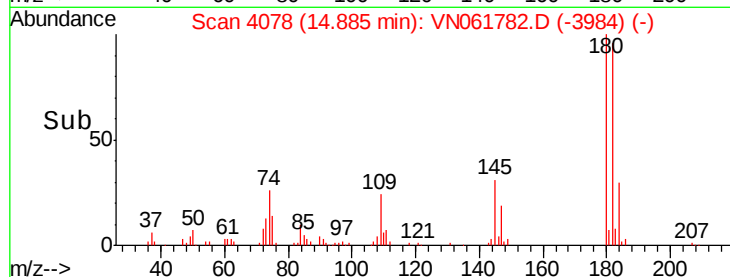
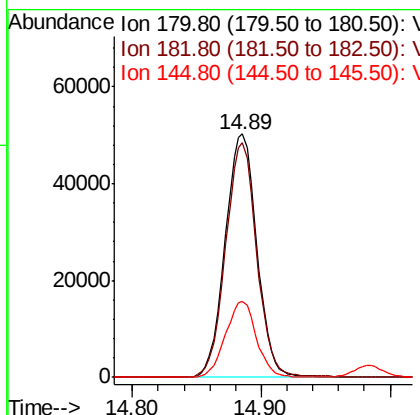
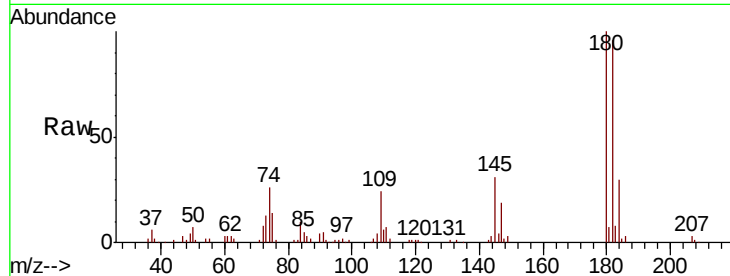




#93
 1,2,4-Trichlorobenzene
 Concen: 19.149 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

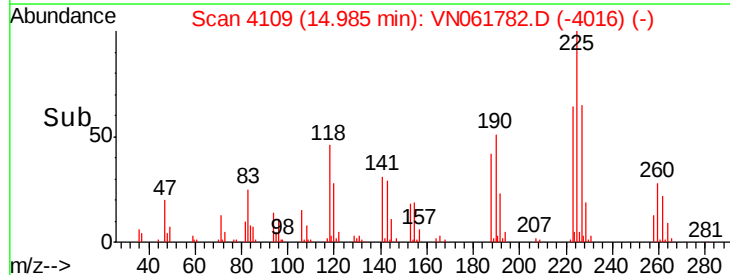
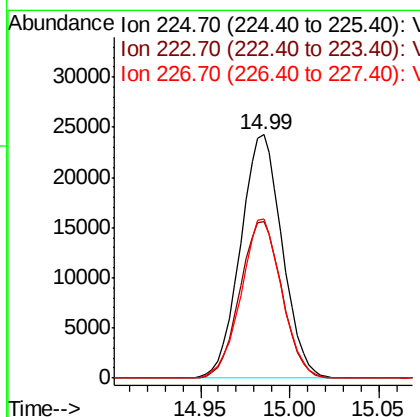
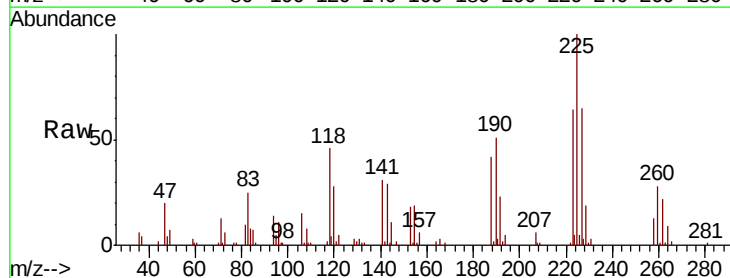
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

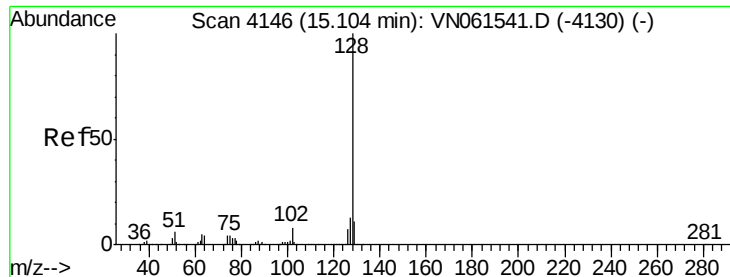
Tot Ion:180 Resp: 85423
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.3
 145 30.4 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 20.833 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061782.D
 Acq: 12 Jun 2020 11:43

Tgt Ion:225 Resp: 39635
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.9 95.5
 227 63.9 31.9 95.9

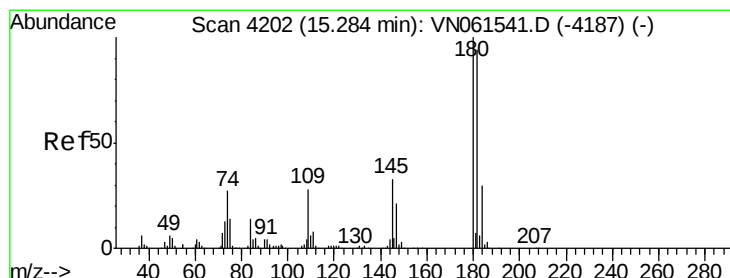
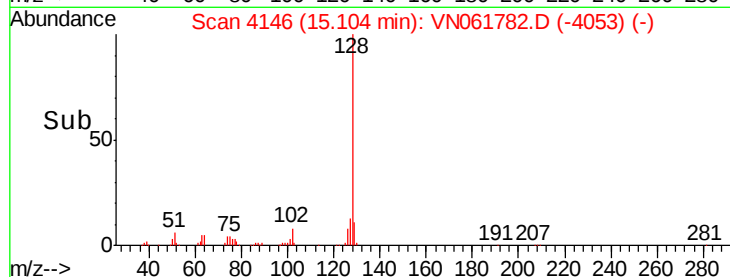
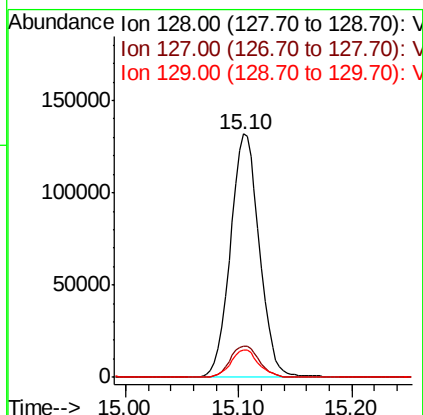
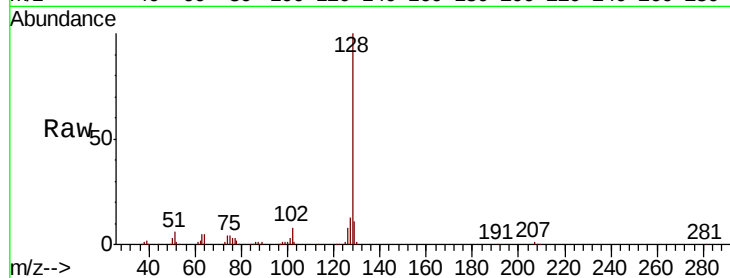




#95
Naphthalene
Concen: 17.287 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampled :
VN0612WBSD01

Tot Ion:128 Resp: 234720
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 19.536 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061782.D
Acq: 12 Jun 2020 11:43

Tgt Ion:180 Resp: 85684
Ion Ratio Lower Upper
180 100
182 96.9 47.1 141.3
145 32.1 16.3 48.9

