

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061842.D
 Acq On : 17 Jun 2020 12:40
 Operator : JC/MD
 Sample : VN0617WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Quant Time: Jun 18 03:52:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	160387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	271000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	251489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118752	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	96940	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
35) Dibromofluoromethane	7.55	113	83526	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	10.06	98	318558	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
62) 4-Bromofluorobenzene	12.37	95	107591	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	40155	19.421	ug/l	98
3) Chloromethane	2.03	50	40912	18.377	ug/l	97
4) Vinyl Chloride	2.16	62	49139	18.515	ug/l	99
5) Bromomethane	2.54	94	35539	17.438	ug/l	99
6) Chloroethane	2.67	64	32020	17.827	ug/l	99
7) Trichlorofluoromethane	2.98	101	57243	18.057	ug/l	99
8) Diethyl Ether	3.37	74	20534	19.267	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30530	18.772	ug/l	99
10) Methyl Iodide	3.91	142	33943	20.772	ug/l	99
11) Tert butyl alcohol	4.73	59	26453	88.870	ug/l	99
12) 1,1-Dichloroethene	3.69	96	29831	18.306	ug/l	94
13) Acrolein	3.57	56	14126	79.403	ug/l	95
14) Allyl chloride	4.27	41	39446	18.238	ug/l	99
15) Acrylonitrile	4.93	53	68991	93.541	ug/l	100
16) Acetone	3.77	43	57735	90.868	ug/l	98
17) Carbon Disulfide	4.01	76	87253	18.299	ug/l	100
18) Methyl Acetate	4.28	43	32119	17.559	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	100806	18.579	ug/l	100
20) Methylene Chloride	4.50	84	35726	17.259	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	33872	18.096	ug/l	96
22) Diisopropyl ether	5.90	45	89062	18.005	ug/l	95
23) Vinyl Acetate	5.84	43	355186	91.296	ug/l	99
24) 1,1-Dichloroethane	5.80	63	57823	17.857	ug/l	98
25) 2-Butanone	6.78	43	83065	89.605	ug/l	99
26) 2,2-Dichloropropane	6.77	77	49363	18.120	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	38812	17.970	ug/l	100
28) Bromochloromethane	7.15	49	27661	19.186	ug/l	97
29) Tetrahydrofuran	7.17	42	54927	90.033	ug/l	99
30) Chloroform	7.33	83	61283	17.709	ug/l	99
31) Cyclohexane	7.61	56	49736	17.546	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	51634	17.520	ug/l	99
36) 1,1-Dichloropropene	7.75	75	44963	18.190	ug/l	99
37) Ethyl Acetate	6.88	43	38690	20.044	ug/l	99
38) Carbon Tetrachloride	7.73	117	43943	17.952	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51727	19.434	ug/l	97
40) Benzene	8.00	78	138641	18.516	ug/l	96
41) Methacrylonitrile	7.12	41	14795	17.925	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	48531	19.009	ug/l	99
43) Isopropyl Acetate	8.12	43	59810	18.386	ug/l #	91
44) Trichloroethene	8.80	130	36762	18.655	ug/l	97
45) 1,2-Dichloropropane	9.08	63	34301	18.641	ug/l	99
46) Dibromomethane	9.17	93	23819	18.382	ug/l	97
47) Bromodichloromethane	9.37	83	48967	18.455	ug/l	98
48) Methyl methacrylate	9.17	41	26293	17.774	ug/l	99
49) 1,4-Dioxane	9.16	88	13025	383.502	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	178650	92.937	ug/l	100
52) Toluene	10.12	92	87407	18.587	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	53062	18.838	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	57595	18.826	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	35890	19.398	ug/l	98
56) Ethyl methacrylate	10.40	69	45800	18.168	ug/l	99
57) 1,3-Dichloropropane	10.68	76	59160	18.874	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	92002	94.219	ug/l	100
59) 2-Hexanone	10.72	43	125425	90.699	ug/l	100
60) Dibromochloromethane	10.87	129	37958	18.386	ug/l	100
61) 1,2-Dibromoethane	10.98	107	35829	18.545	ug/l	99
64) Tetrachloroethene	10.60	164	30839	19.239	ug/l	99
65) Chlorobenzene	11.40	112	95353	17.969	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	34370	18.571	ug/l	100
67) Ethyl Benzene	11.48	91	161491	18.151	ug/l	98
68) m/p-Xylenes	11.59	106	128196	37.366	ug/l	99
69) o-Xylene	11.92	106	60840	18.586	ug/l	99
70) Styrene	11.94	104	100203	18.281	ug/l	99
71) Bromoform	12.10	173	24363	18.054	ug/l #	99
73) Isopropylbenzene	12.22	105	158391	18.770	ug/l	100
74) N-amyl acetate	12.05	43	48586	17.988	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	49605	18.080	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	58963	25.291	ug/l #	100
77) Bromobenzene	12.50	156	39926	18.754	ug/l	98
78) n-propylbenzene	12.56	91	178630	18.551	ug/l	98
79) 2-Chlorotoluene	12.65	91	106108	18.348	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	130011	18.622	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	14727	17.229	ug/l	96
82) 4-Chlorotoluene	12.75	91	111094	18.591	ug/l	98
83) tert-Butylbenzene	12.97	119	109522	18.504	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	131495	19.080	ug/l	99
85) sec-Butylbenzene	13.15	105	143179	18.482	ug/l	99
86) p-Isopropyltoluene	13.26	119	132718	19.226	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	70519	18.161	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	70655	17.777	ug/l	100
89) n-Butylbenzene	13.59	91	106231	18.427	ug/l	98
90) Hexachloroethane	13.85	117	22323	17.666	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	69392	18.563	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	8411	18.884	ug/l	96

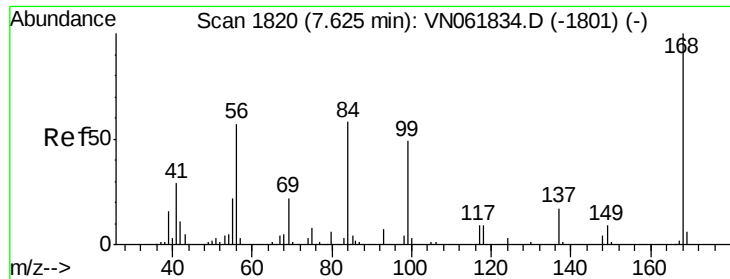
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
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Quant Time: Jun 18 03:52:22 2020
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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	32468	18.407	ug/l	99
94) Hexachlorobutadiene	14.99	225	13224	19.035	ug/l	97
95) Naphthalene	15.10	128	93907	18.273	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	33384	19.110	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

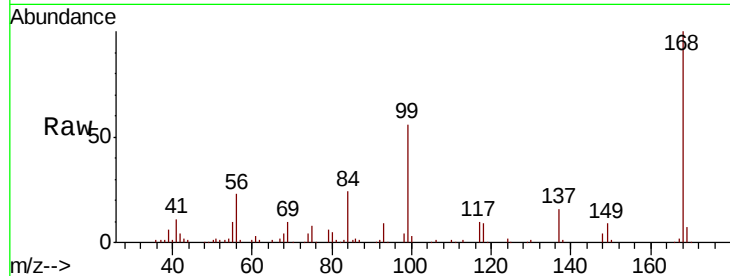
VN0617WBSD01

Tot Ion:168 Resp: 160387

Ion Ratio Lower Upper

168 100

99 56.4 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

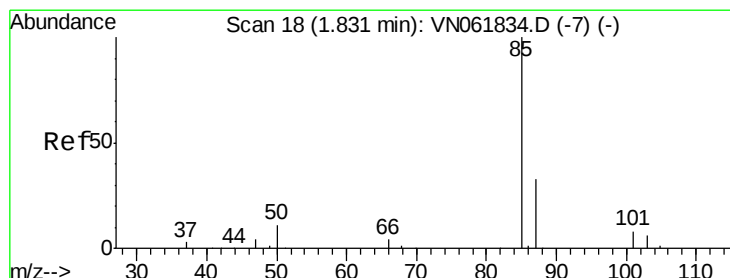
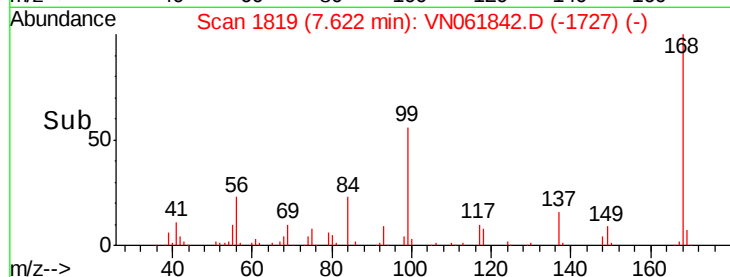
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 19.421 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061842.D

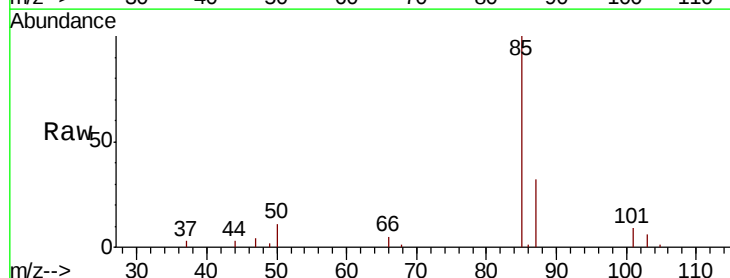
Acq: 17 Jun 2020 12:40

Tgt Ion: 85 Resp: 40155

Ion Ratio Lower Upper

85 100

87 31.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

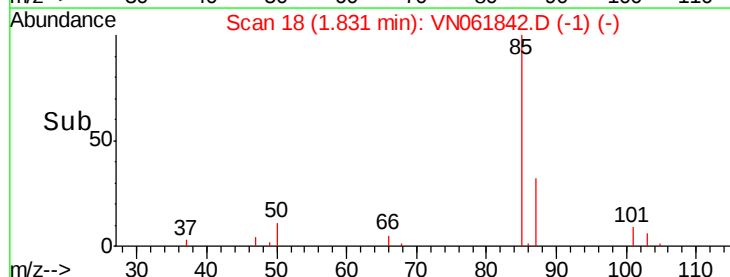
30000

20000

10000

0

Time--> 1.80 1.85 1.90

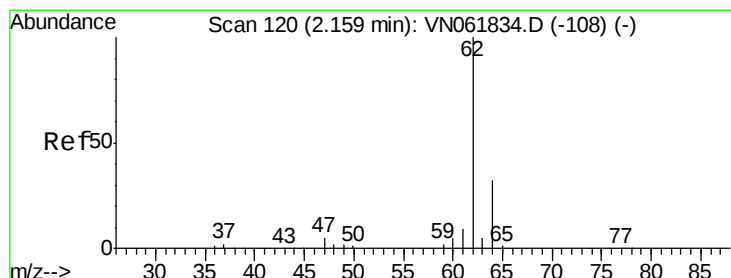
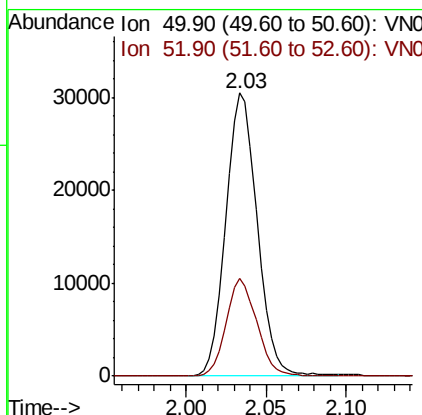
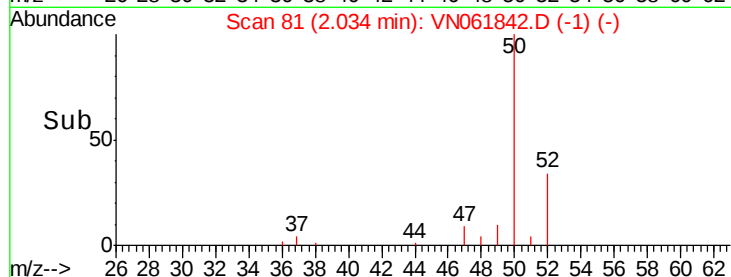
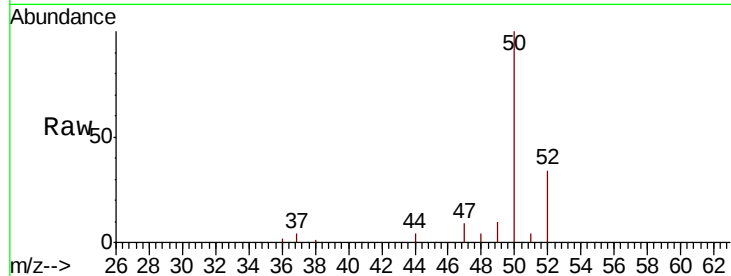




#3
Chloromethane
Concen: 18.377 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

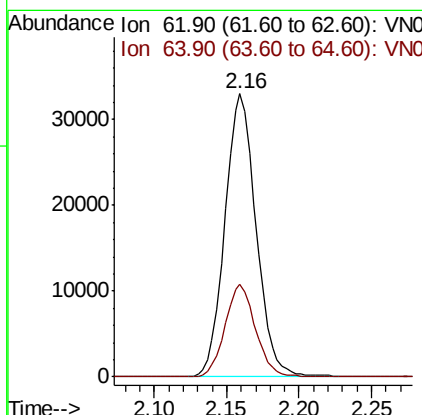
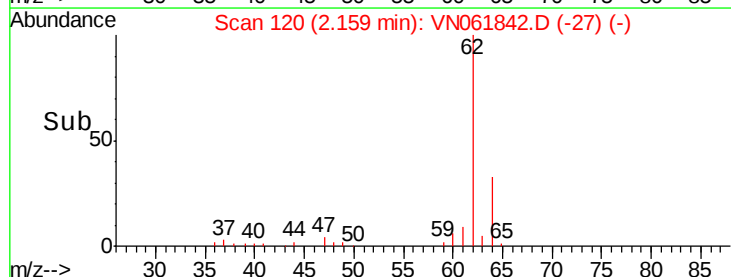
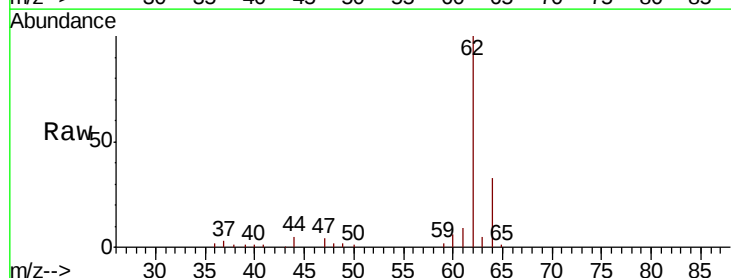
Instrument :
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VN0617WBSD01

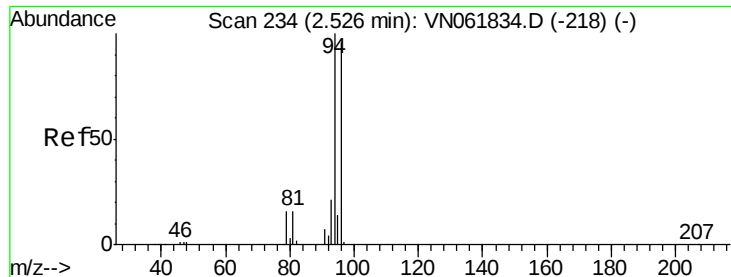
Tot Ion: 50 Resp: 40912
Ion Ratio Lower Upper
50 100
52 34.3 26.0 39.0



#4
Vinyl Chloride
Concen: 18.515 ug/l
RT: 2.16 min Scan# 120
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion: 62 Resp: 49139
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3





#5

Bromomethane

Concen: 17.438 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.01 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

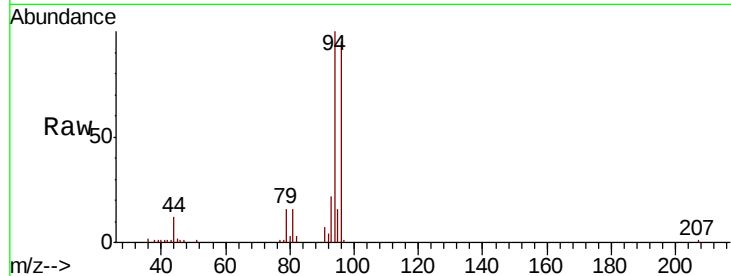
VN0617WBSD01

Tot Ion: 94 Resp: 35539

Ion Ratio Lower Upper

94 100

96 94.8 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN061834.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061834.D (-218) (-)

2.54

20000

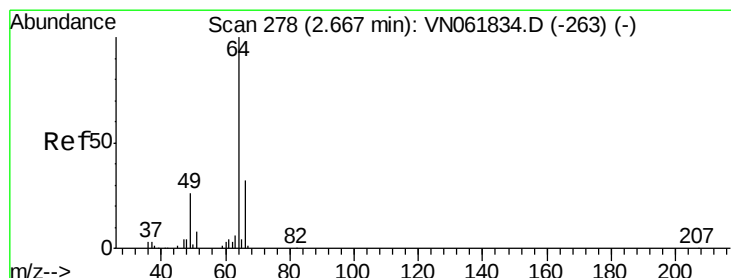
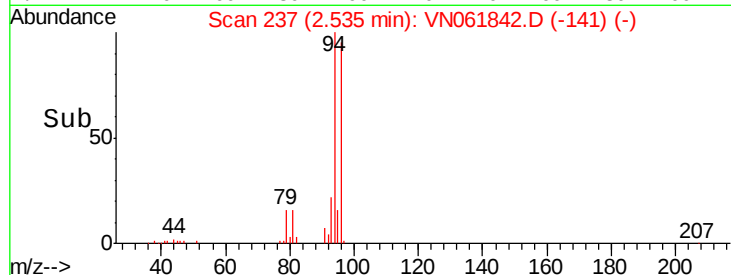
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 17.827 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061842.D

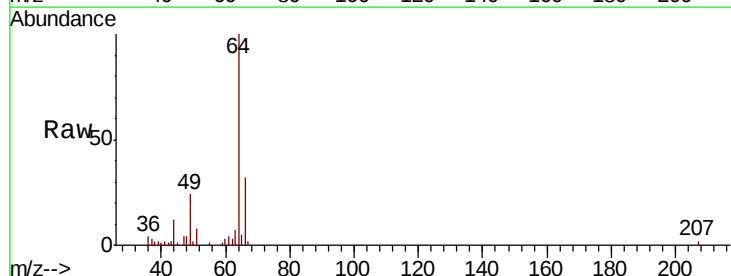
Acq: 17 Jun 2020 12:40

Tgt Ion: 64 Resp: 32020

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN061834.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN061834.D (-263) (-)

2.67

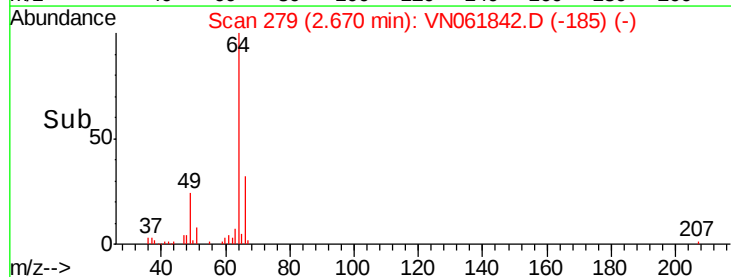
15000

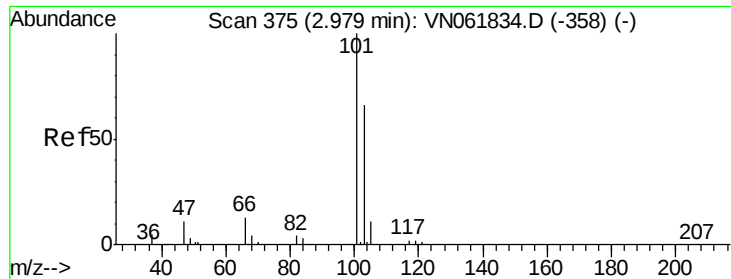
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5000

0

Time-->



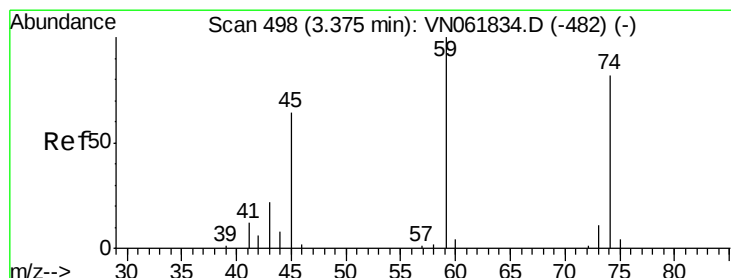
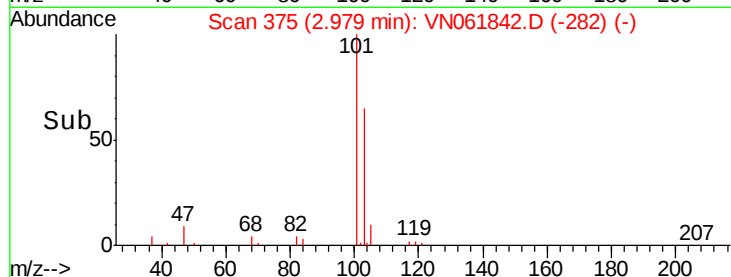
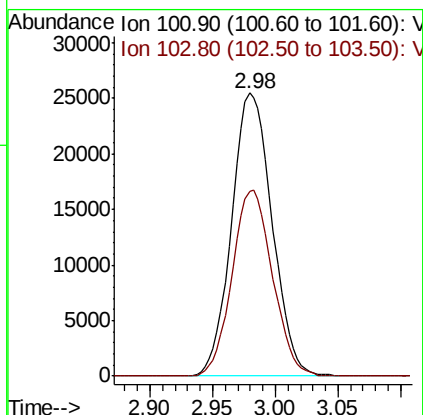
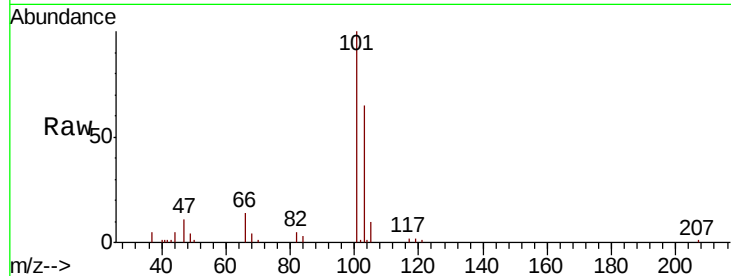


#7

Trichlorofluoromethane
 Concen: 18.057 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Instrument :
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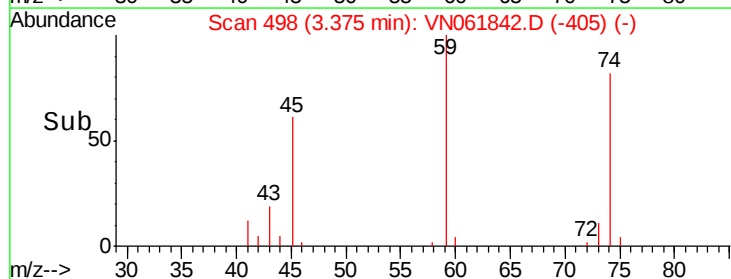
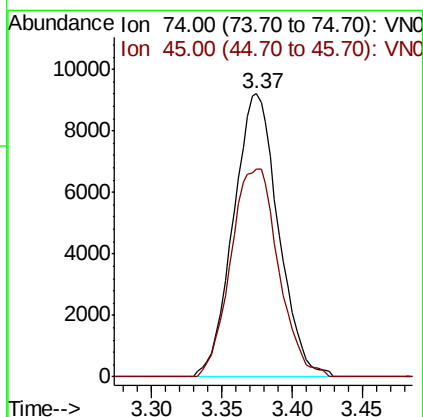
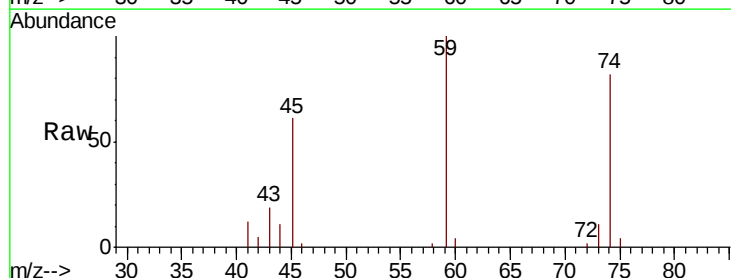
Tot Ion:101 Resp: 57243
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.8 79.2

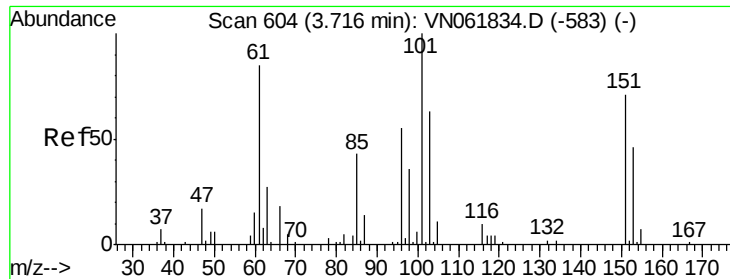


#8

Diethyl Ether
 Concen: 19.267 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion: 74 Resp: 20534
 Ion Ratio Lower Upper
 74 100
 45 78.1 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.772 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

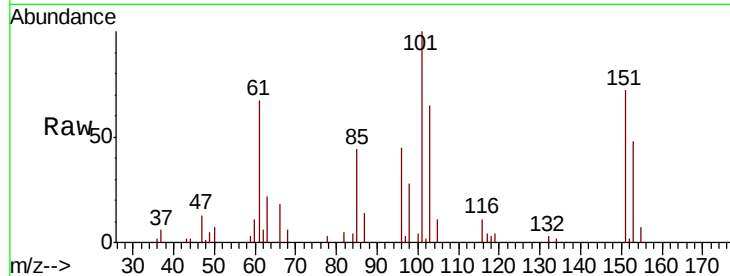
Tot Ion:101 Resp: 30530

Ion Ratio Lower Upper

101 100

85 44.1 35.0 52.6

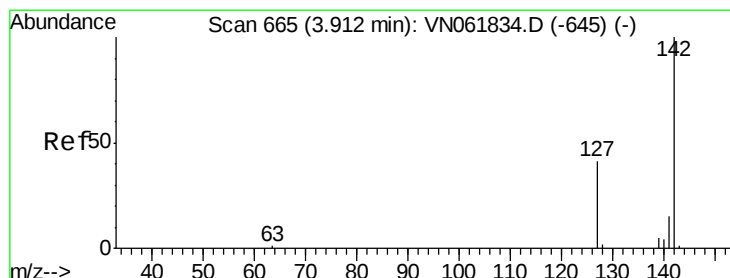
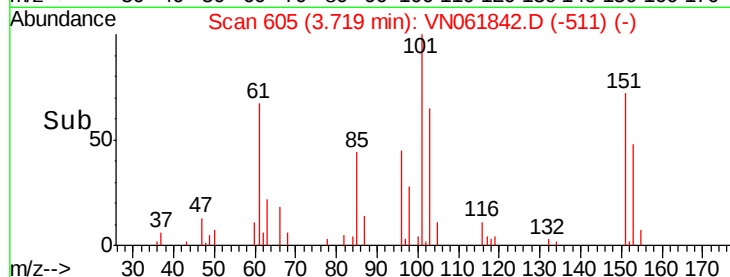
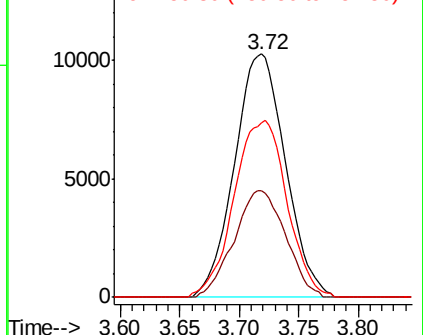
151 75.2 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.772 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

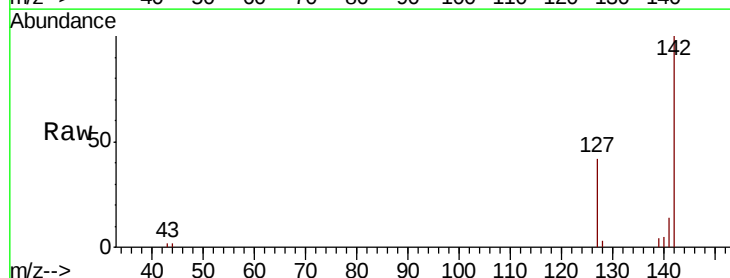
Tgt Ion:142 Resp: 33943

Ion Ratio Lower Upper

142 100

127 41.3 33.4 50.0

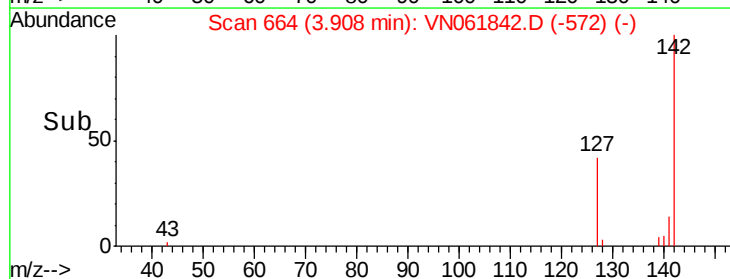
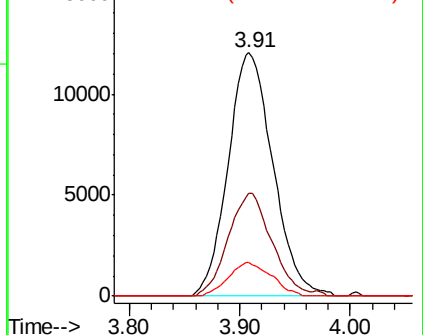
141 13.3 11.3 16.9

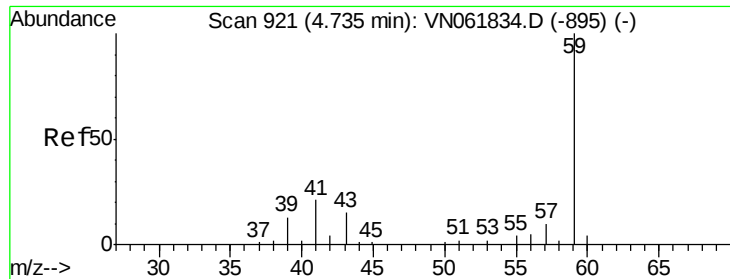


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

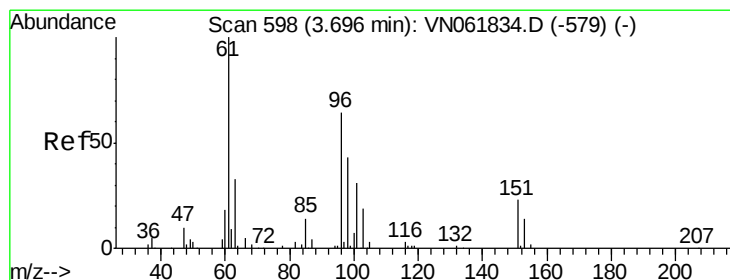
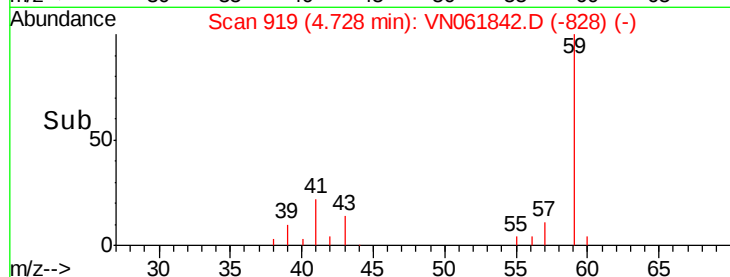
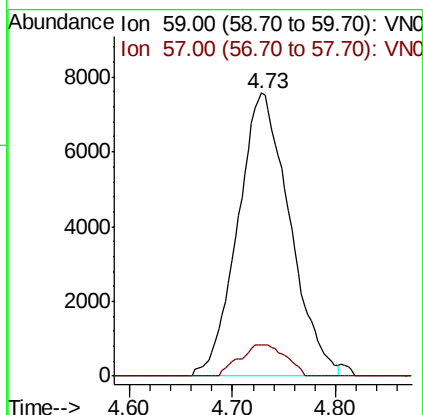
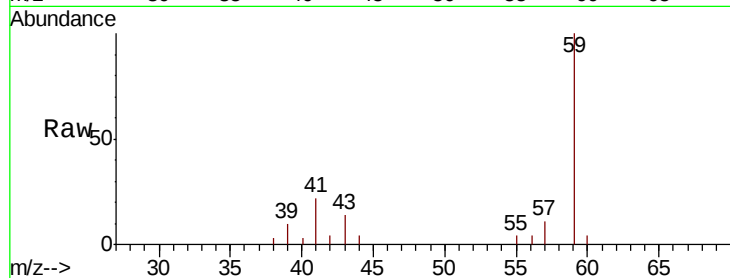




#11
Tert butyl alcohol
Concen: 88.870 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

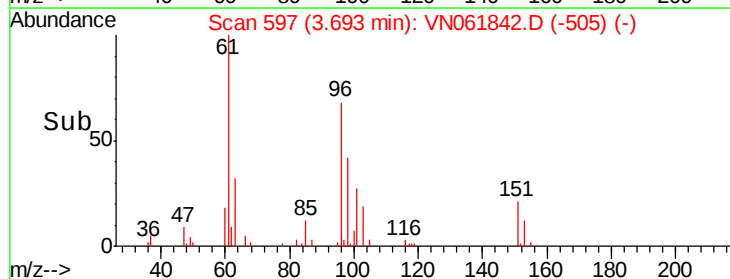
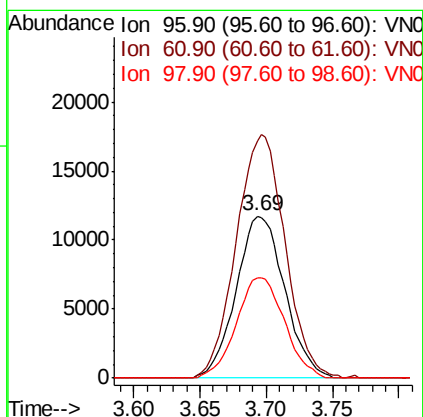
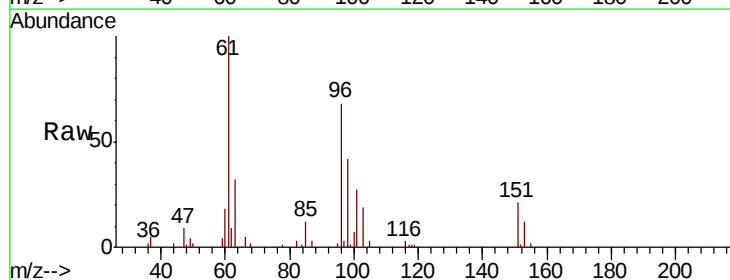
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

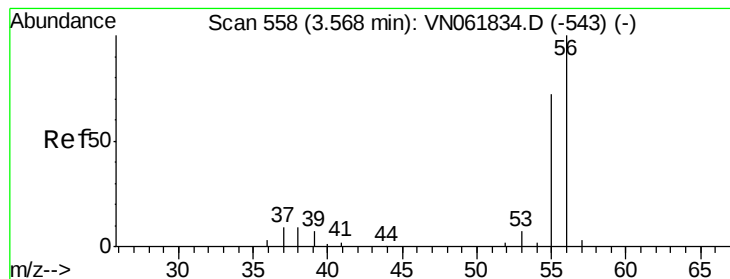
Tot Ion: 59 Resp: 26453
Ion Ratio Lower Upper
59 100
57 9.8 7.7 11.5



#12
1,1-Dichloroethene
Concen: 18.306 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion: 96 Resp: 29831
Ion Ratio Lower Upper
96 100
61 146.7 124.3 186.5
98 61.7 53.1 79.7





#13

Acrolein

Concen: 79.403 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

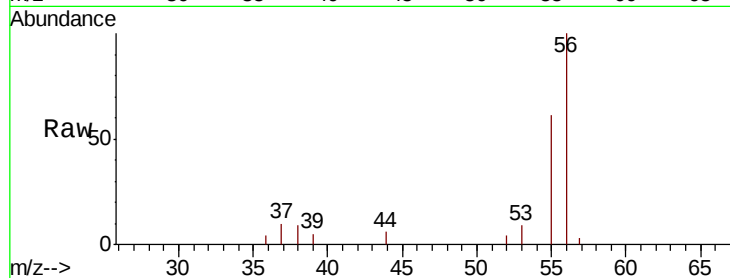
VN0617WBSD01

Tot Ion: 56 Resp: 14126

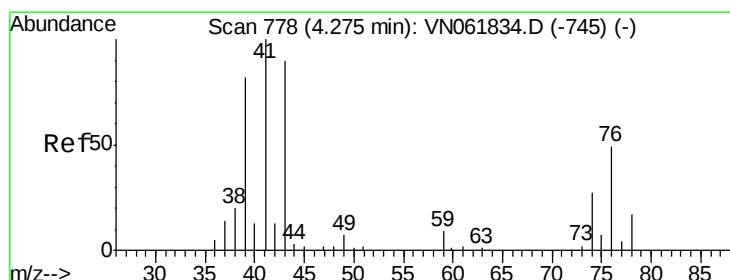
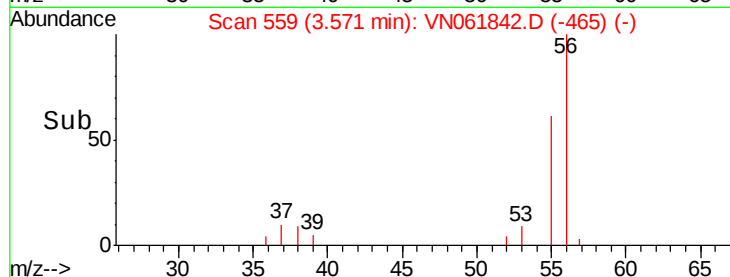
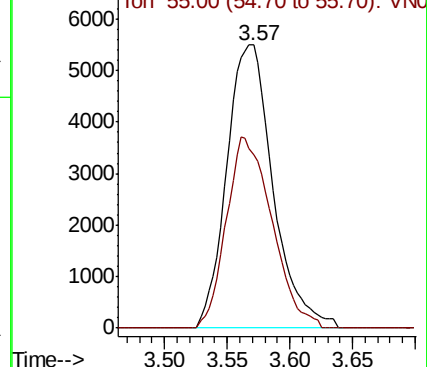
Ion Ratio Lower Upper

56 100

55 66.4 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-543) (-)



#14

Allyl chloride

Concen: 18.238 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

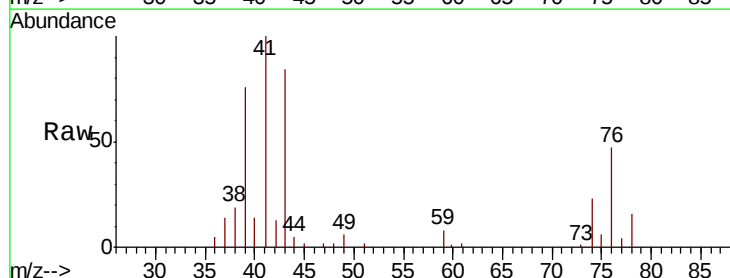
Tgt Ion: 41 Resp: 39446

Ion Ratio Lower Upper

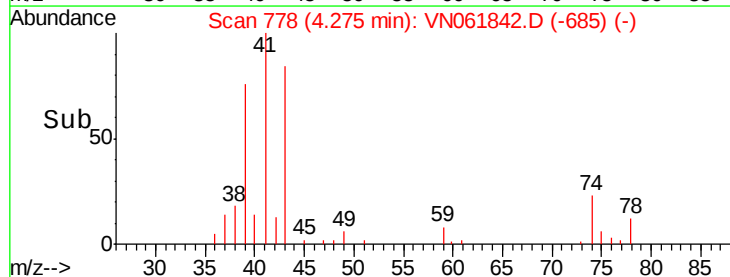
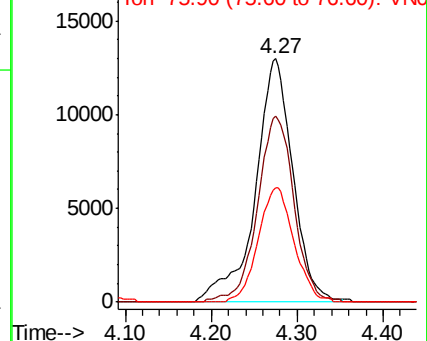
41 100

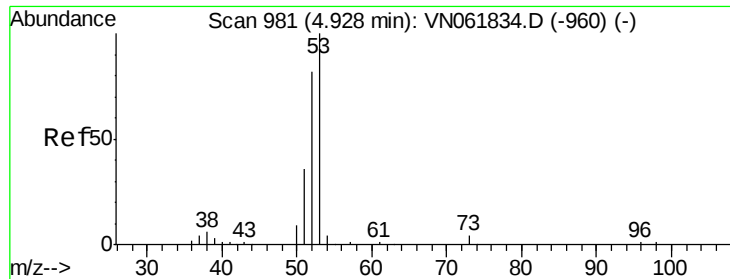
39 74.3 60.2 90.2

76 44.8 36.3 54.5



Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)





#15

Acrylonitrile

Concen: 93.541 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

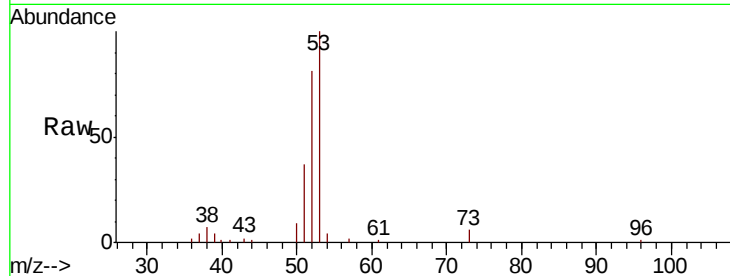
Tot Ion: 53 Resp: 68991

Ion Ratio Lower Upper

53 100

52 81.3 65.2 97.8

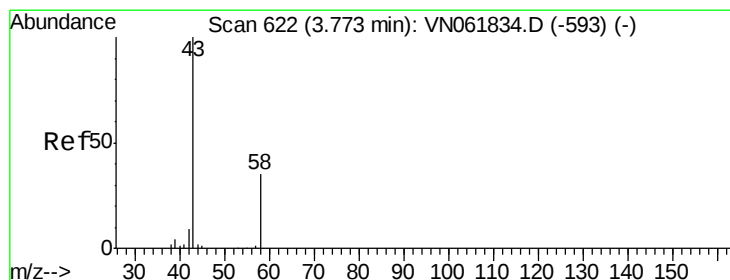
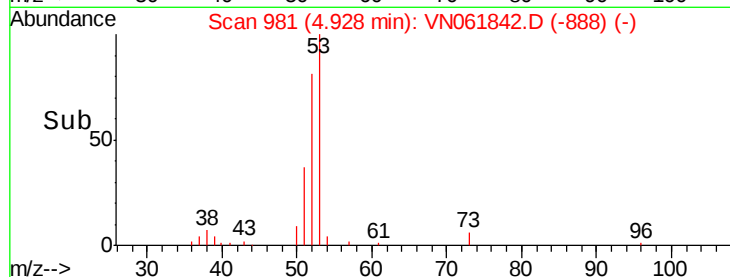
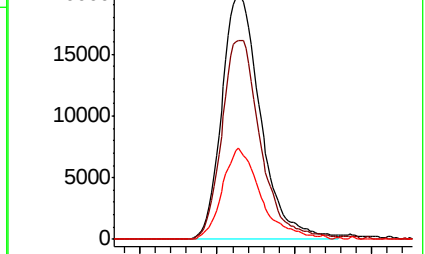
51 36.7 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN061834.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN061834.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN061834.D (-960) (-)



#16

Acetone

Concen: 90.868 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061842.D

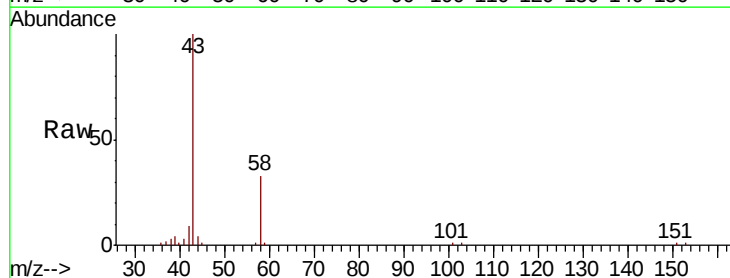
Acq: 17 Jun 2020 12:40

Tgt Ion: 43 Resp: 57735

Ion Ratio Lower Upper

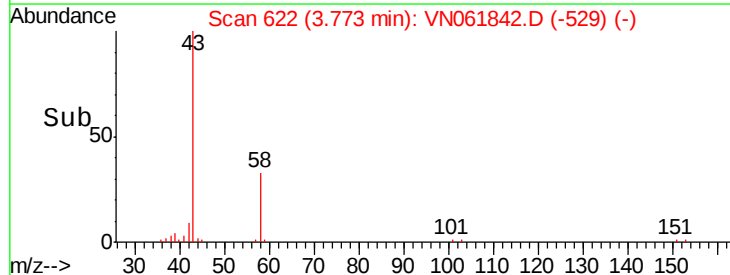
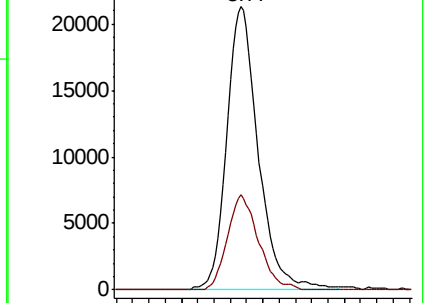
43 100

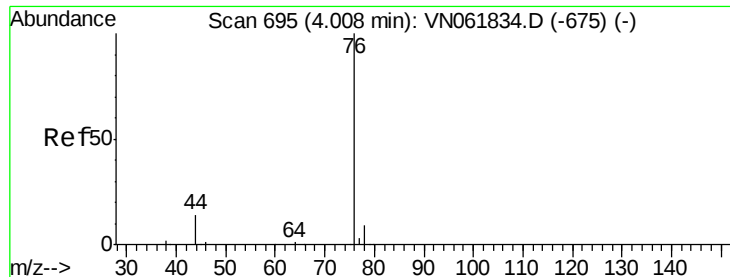
58 33.4 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)

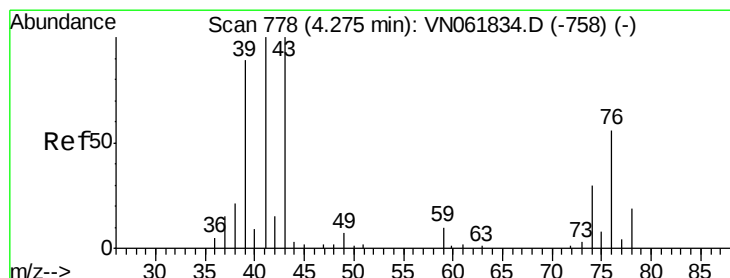
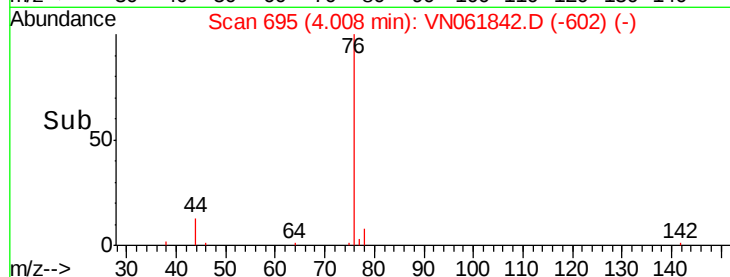
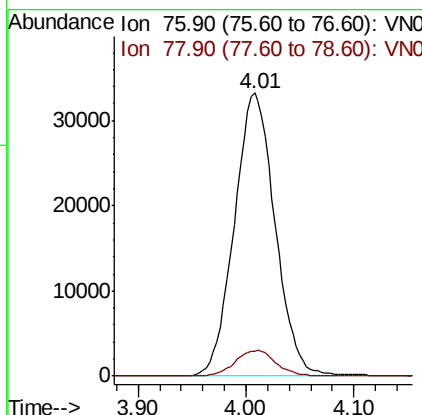
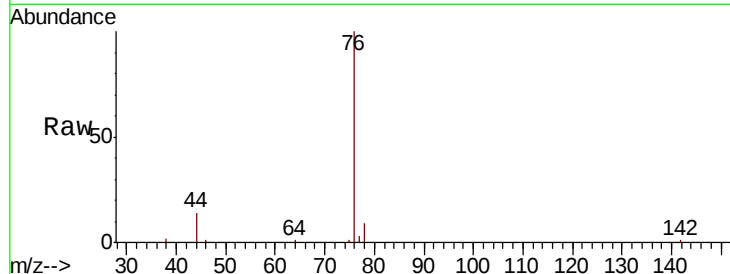




#17
Carbon Disulfide
Concen: 18.299 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

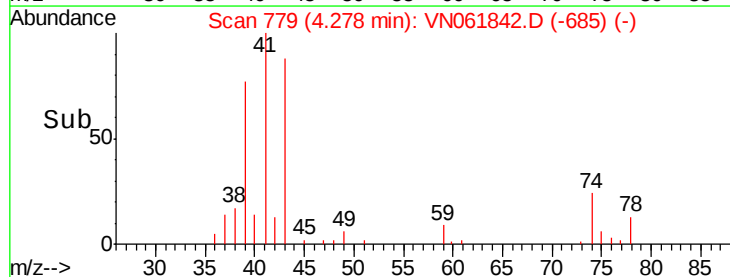
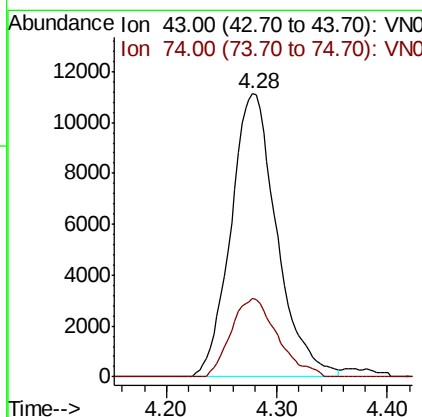
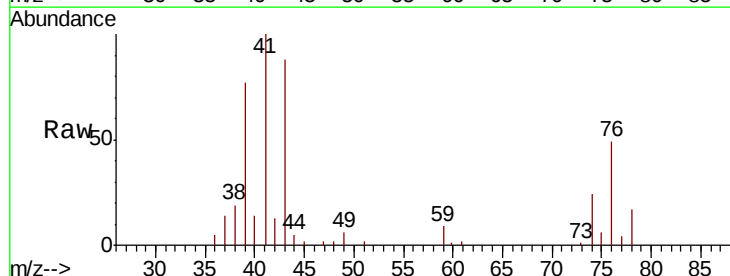
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

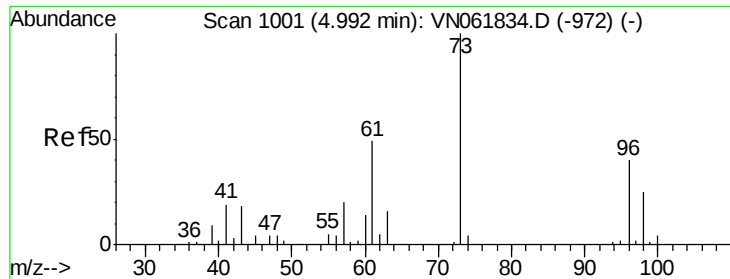
Tot Ion: 76 Resp: 87253
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 17.559 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion: 43 Resp: 32119
Ion Ratio Lower Upper
43 100
74 28.0 23.0 34.4



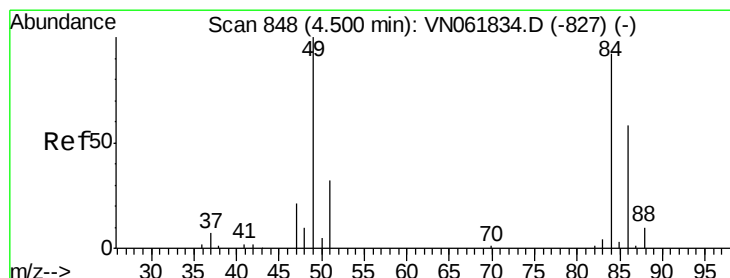
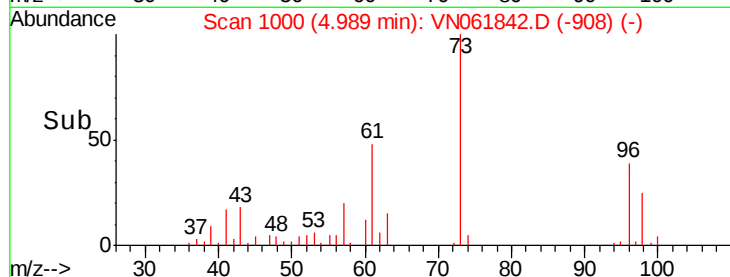
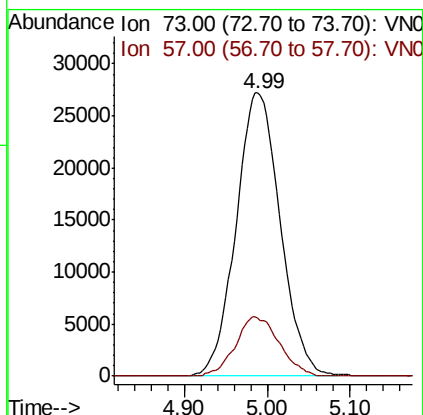
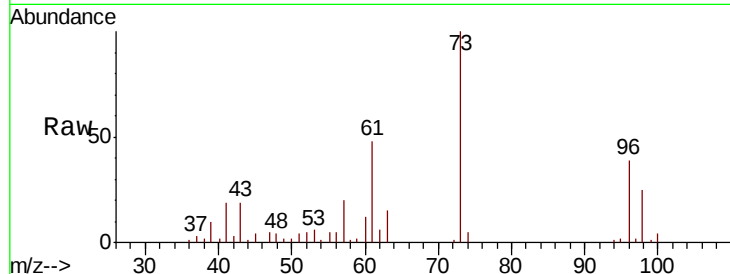


#19

Methyl tert-butyl Ether
 Concen: 18.579 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0617WBSD01

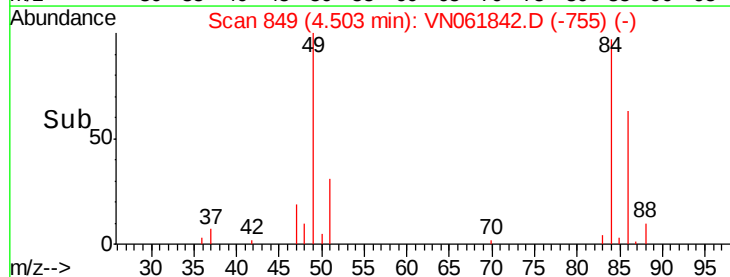
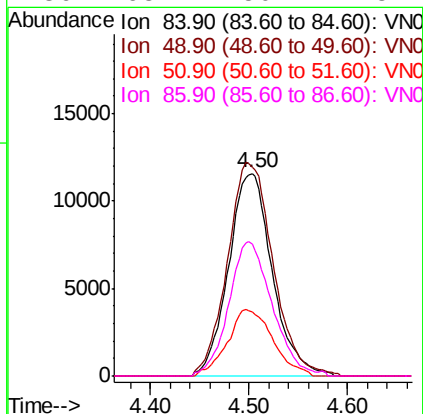
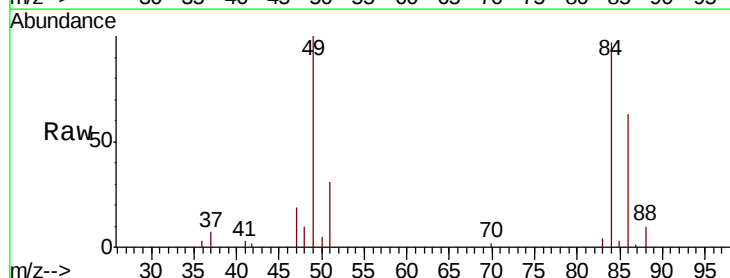
Tot Ion: 73 Resp: 100806
 Ion Ratio Lower Upper
 73 100
 57 20.4 16.2 24.4

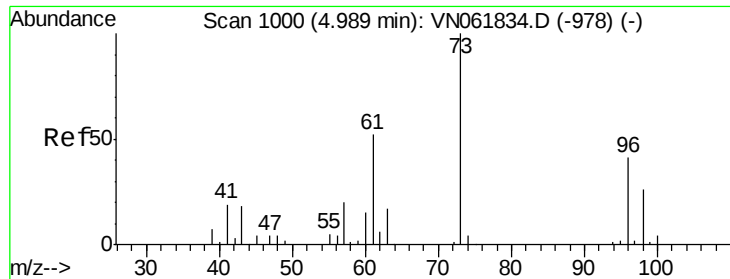


#20

Methylene Chloride
 Concen: 17.259 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion: 84 Resp: 35726
 Ion Ratio Lower Upper
 84 100
 49 102.8 87.0 130.4
 51 31.3 27.8 41.6
 86 65.1 50.2 75.2

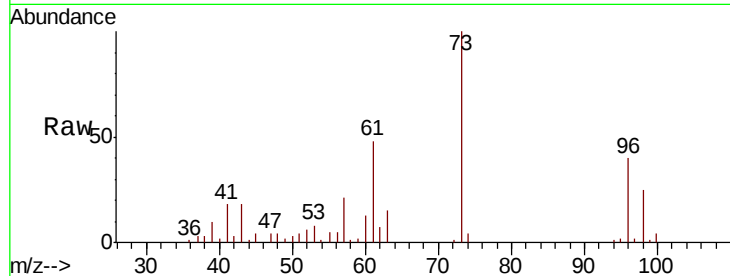




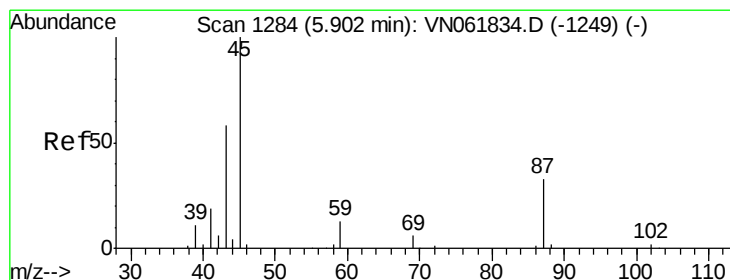
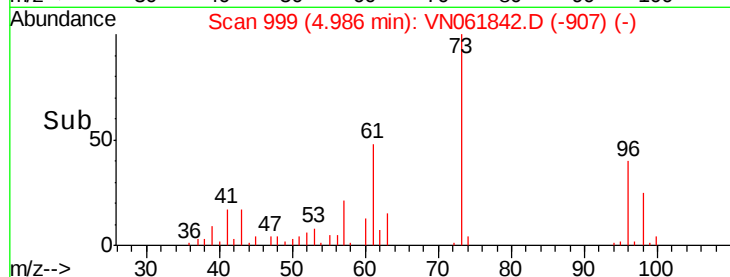
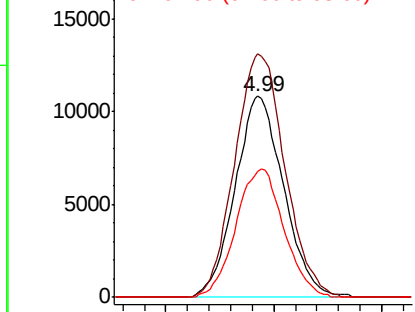
#21
trans-1,2-Dichloroethene
Concen: 18.096 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion: 96 Resp: 33872
Ion Ratio Lower Upper
96 100
61 121.0 102.2 153.4
98 62.8 51.2 76.8

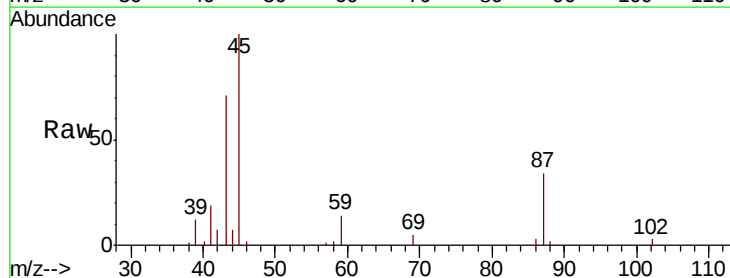


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

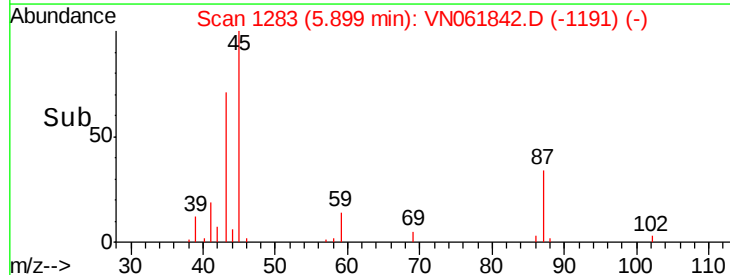
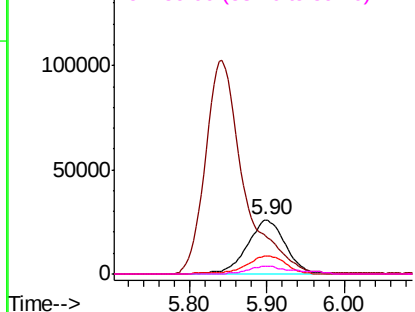


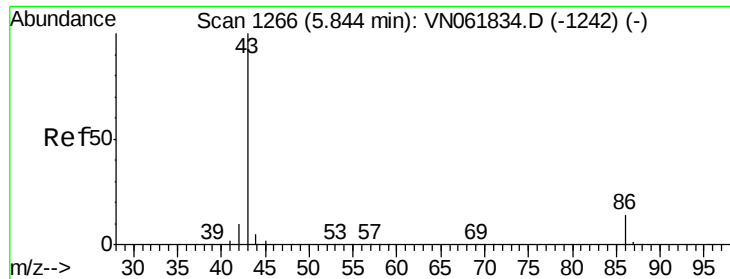
#22
Diisopropyl ether
Concen: 18.005 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion: 45 Resp: 89062
Ion Ratio Lower Upper
45 100
43 68.5 49.4 74.2
87 34.4 27.4 41.0
59 13.6 10.6 15.8



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: 91.296 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

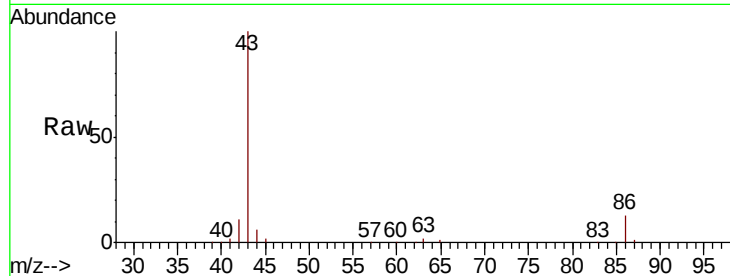
VN0617WBSD01

Tot Ion: 43 Resp: 355186

Ion Ratio Lower Upper

43 100

86 13.1 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1242) (-)

Ion 86.00 (85.70 to 86.70): VN061834.D (-1242) (-)

5.84

120000

100000

80000

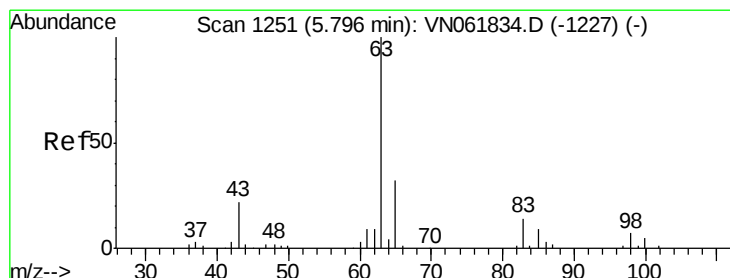
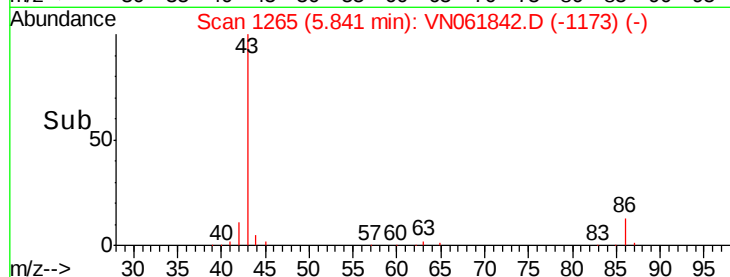
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 17.857 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

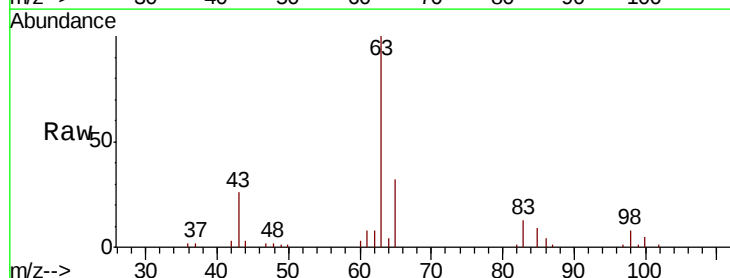
Tgt Ion: 63 Resp: 57823

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 5.2 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN061834.D (-1227) (-)

5.80

25000

20000

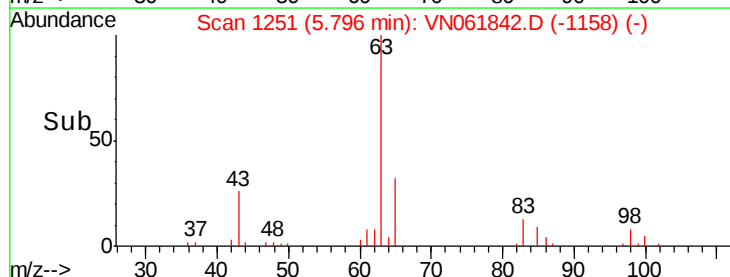
15000

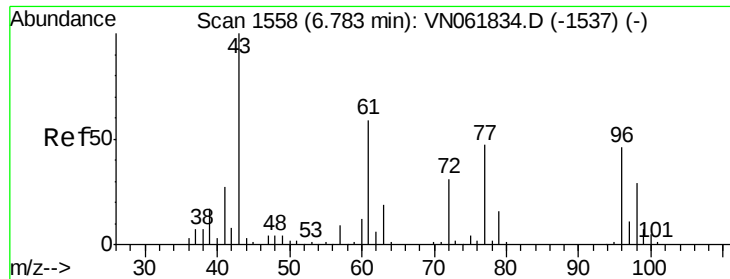
10000

5000

0

Time-->





#25

2-Butanone

Concen: 89.605 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

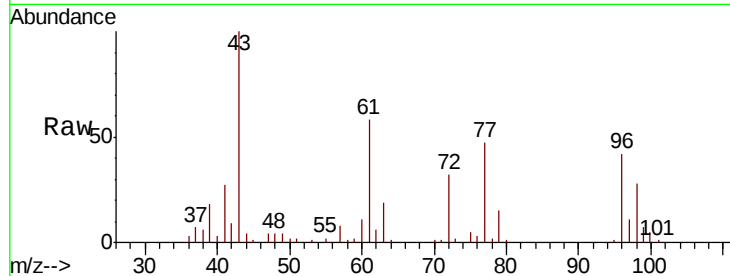
VN0617WBSD01

Tot Ion: 43 Resp: 83065

Ion Ratio Lower Upper

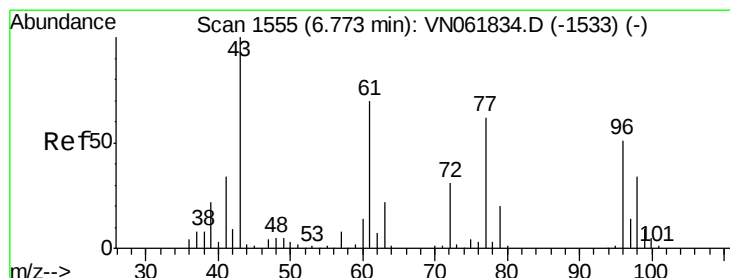
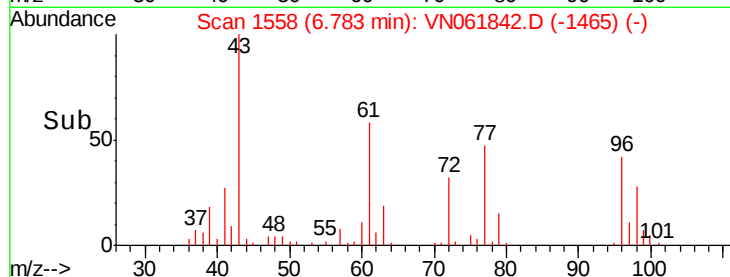
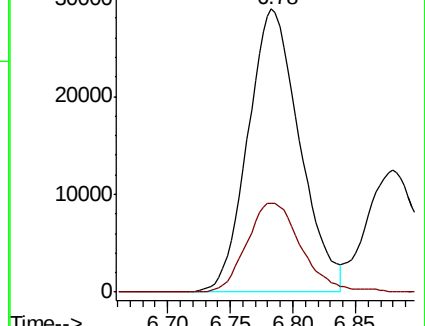
43 100

72 31.6 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN061834.D (-1537) (-)



#26

2,2-Dichloropropane

Concen: 18.120 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VN061842.D

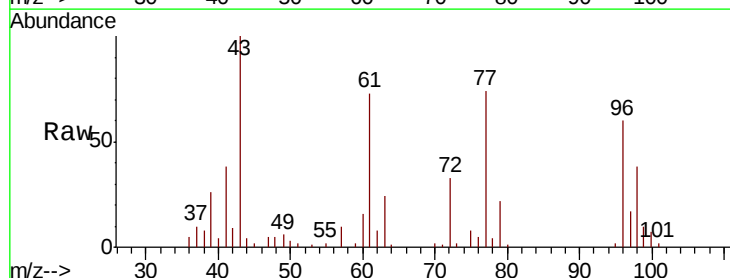
Acq: 17 Jun 2020 12:40

Tgt Ion: 77 Resp: 49363

Ion Ratio Lower Upper

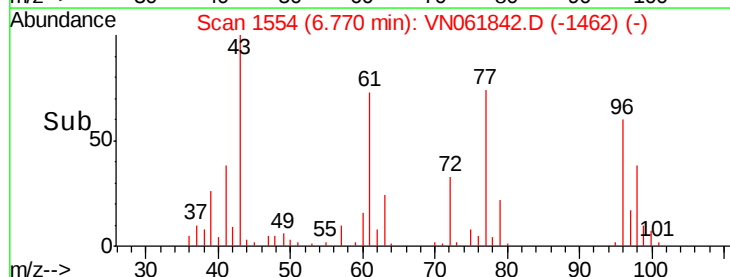
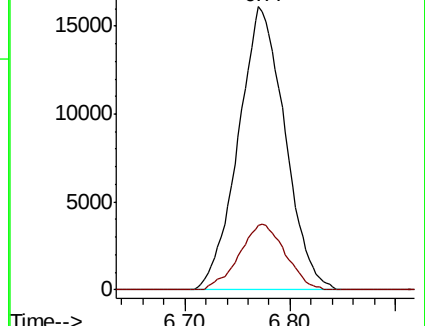
77 100

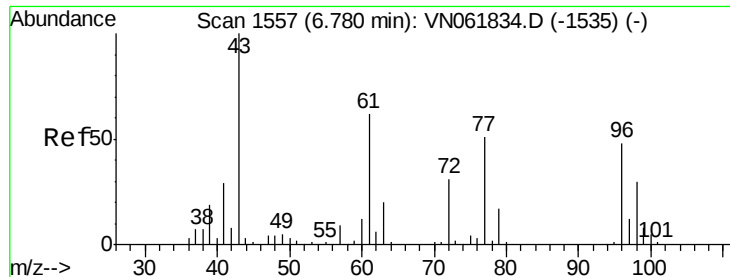
97 22.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN061834.D (-1533) (-)

Ion 96.90 (96.60 to 97.60): VN061834.D (-1533) (-)





#27

cis-1,2-Dichloroethene

Concen: 17.970 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

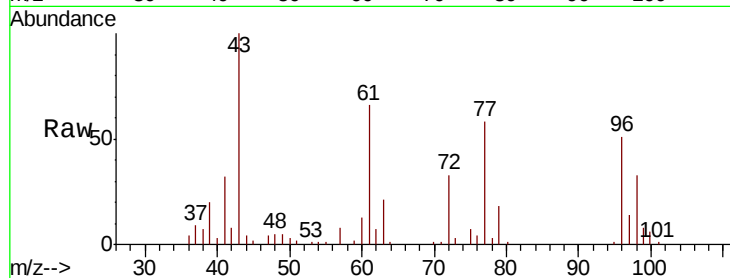
Tot Ion: 96 Resp: 38812

Ion Ratio Lower Upper

96 100

61 132.7 0.0 265.6

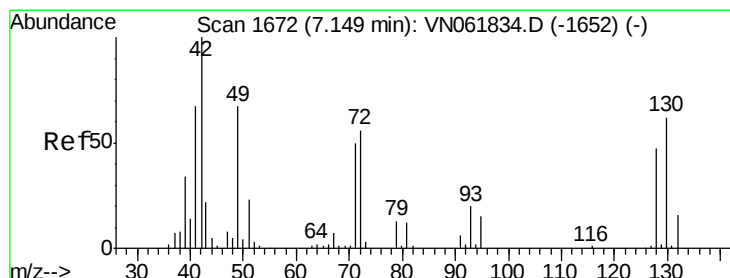
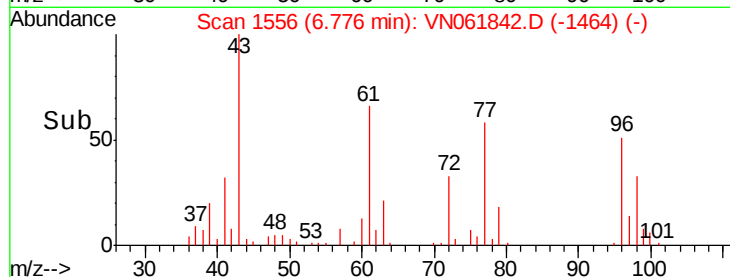
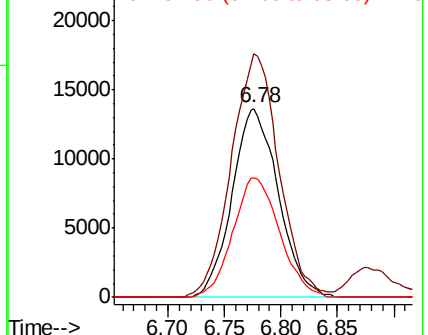
98 64.0 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.186 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

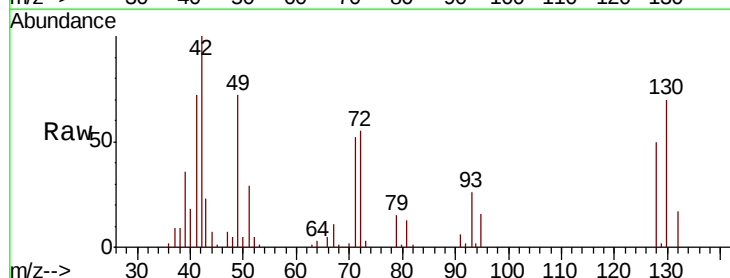
Tgt Ion: 49 Resp: 27661

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

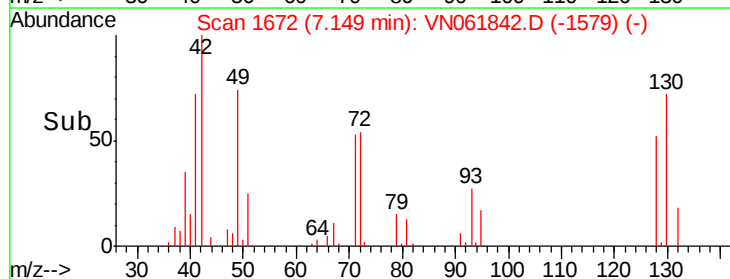
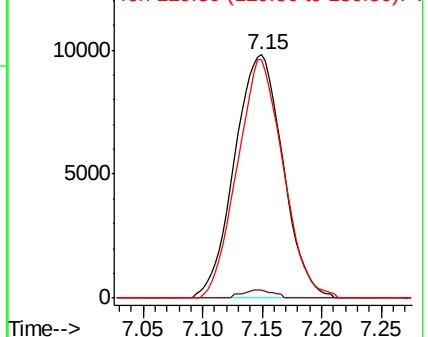
130 92.9 72.2 108.2



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

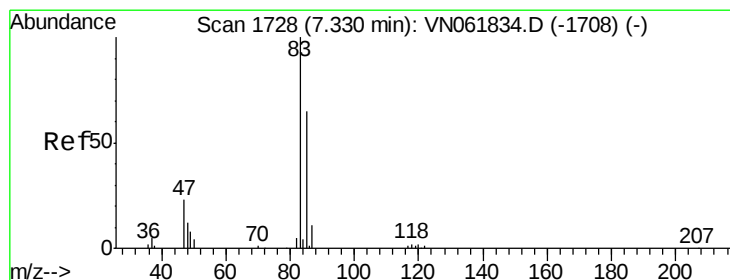
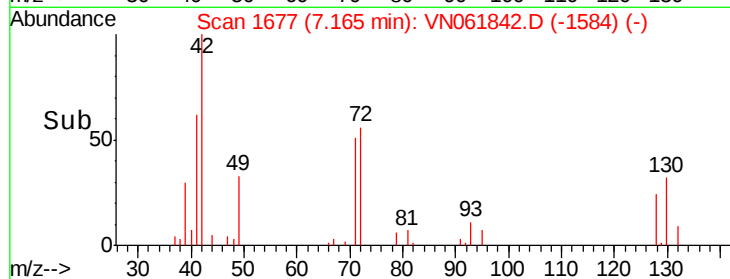
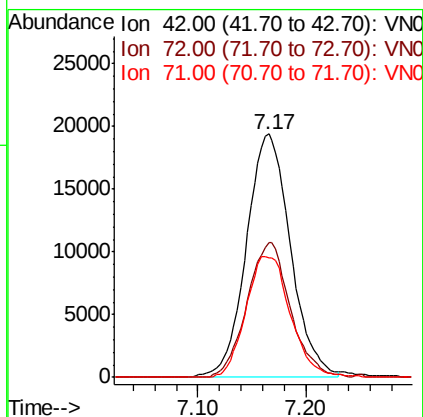
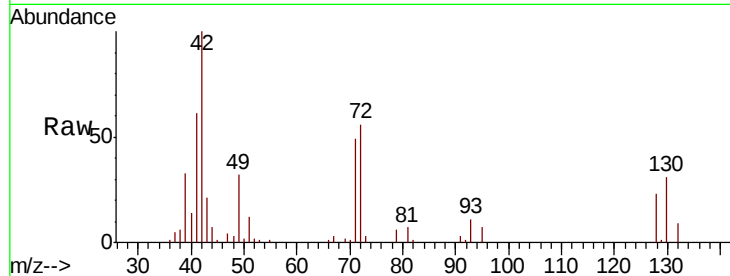




#29
Tetrahydrofuran
Concen: 90.033 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

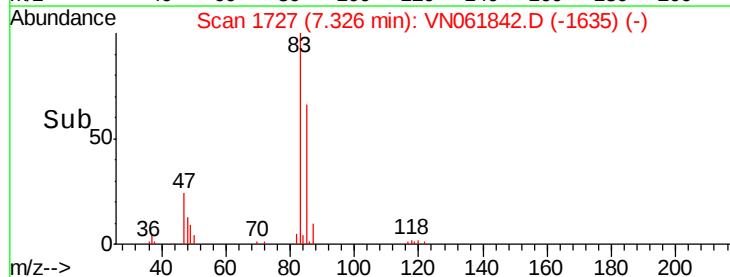
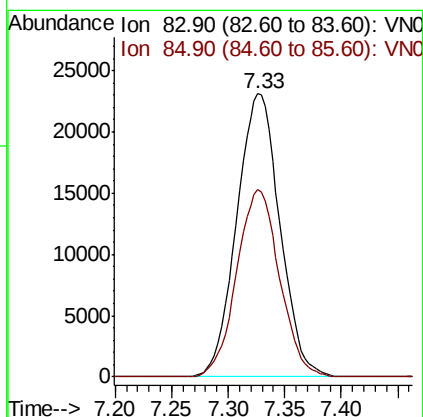
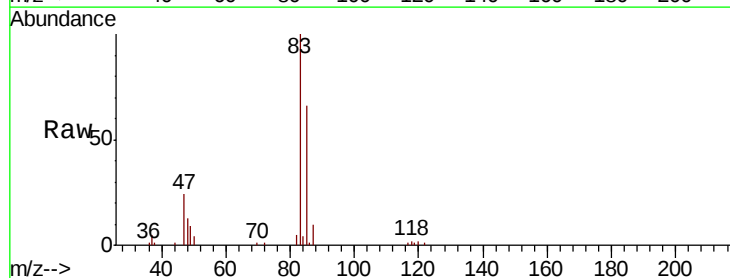
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

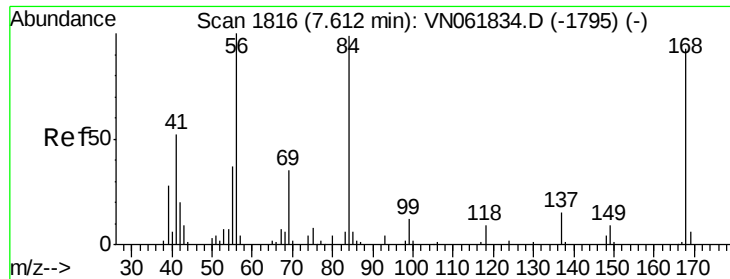
Tot Ion	Ratio	Lower	Upper
42	100		
72	54.4	44.0	66.0
71	50.3	40.0	60.0



#30
Chloroform
Concen: 17.709 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	52.0	78.0

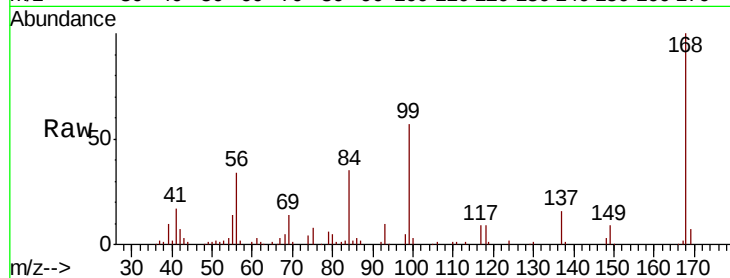




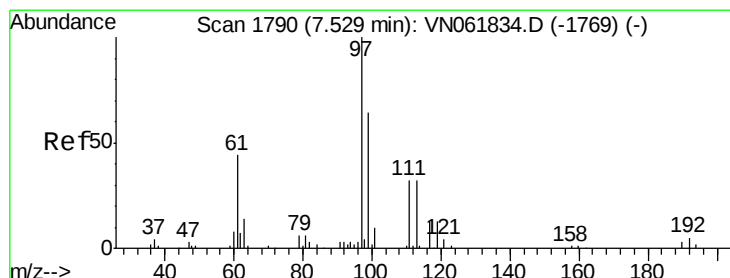
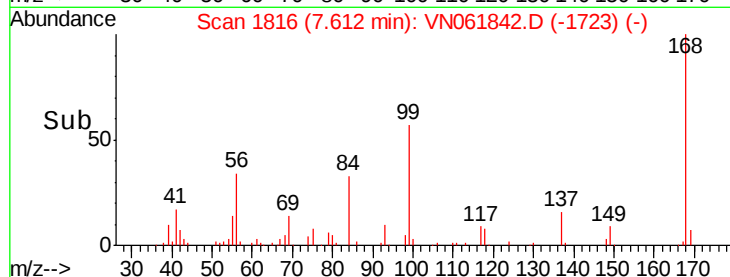
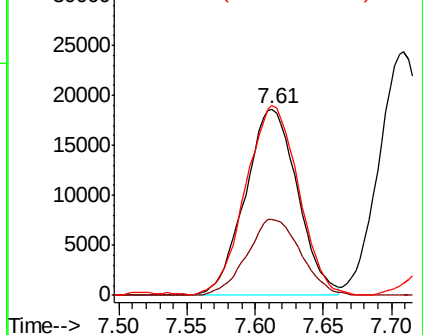
#31
Cyclohexane
Concen: 17.546 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion: 56 Resp: 49736
Ion Ratio Lower Upper
56 100
69 40.6 27.7 41.5
84 102.4 79.1 118.7

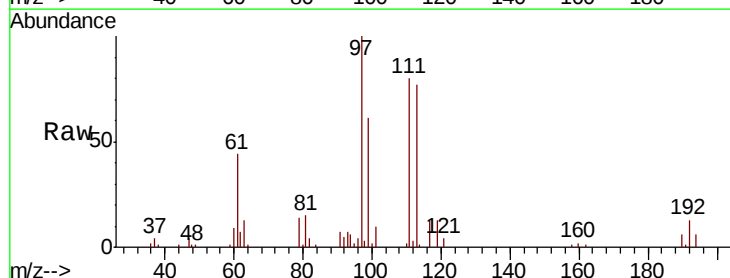


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

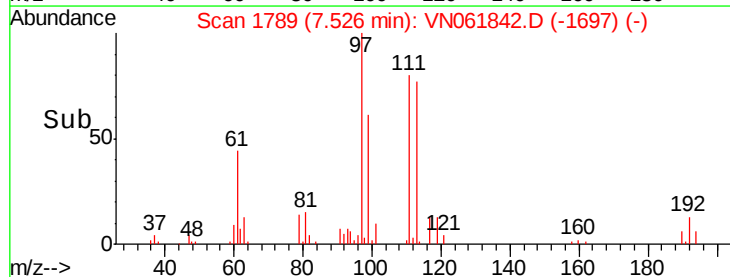
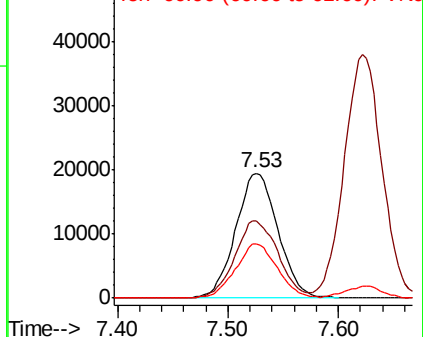


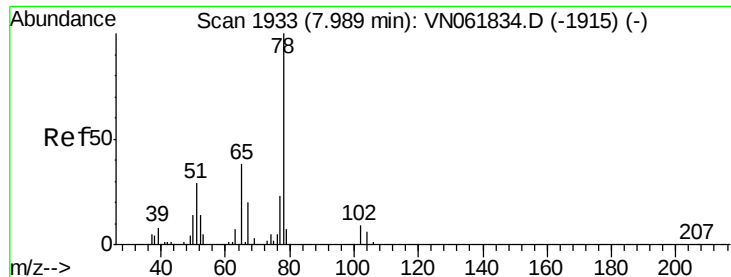
#32
1,1,1-Trichloroethane
Concen: 17.520 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion: 97 Resp: 51634
Ion Ratio Lower Upper
97 100
99 63.5 51.5 77.3
61 43.1 35.1 52.7



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

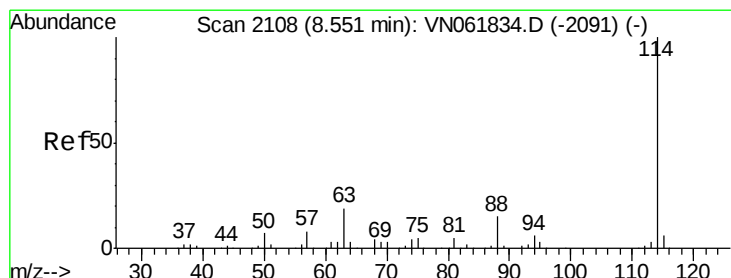
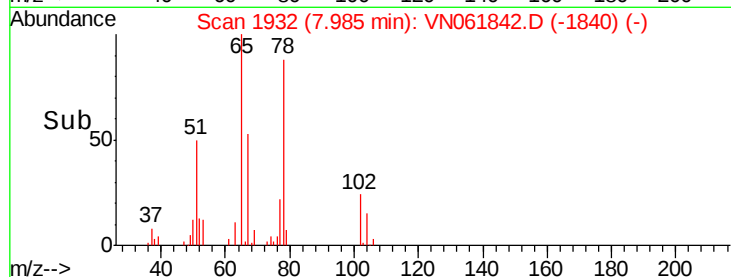
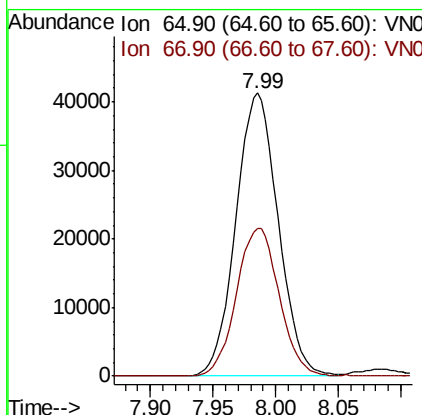
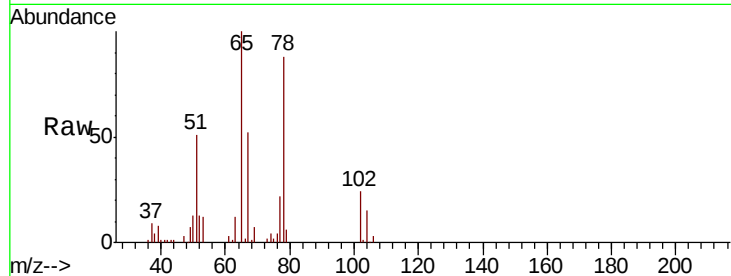




#33
 1,2-Dichloroethane-d4
 Concen: 45.067 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

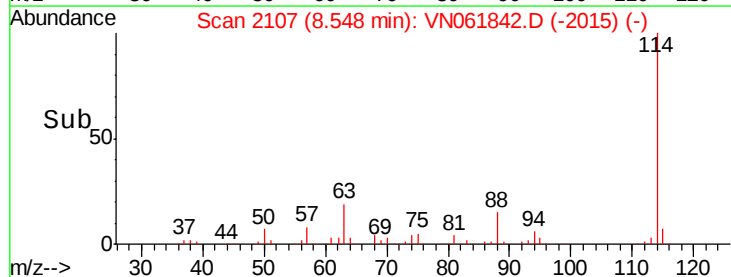
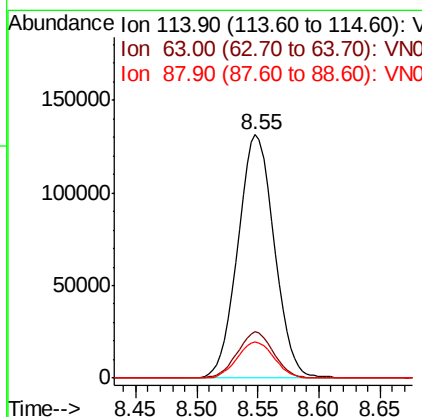
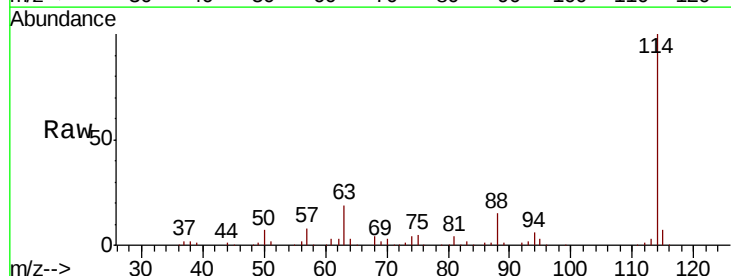
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

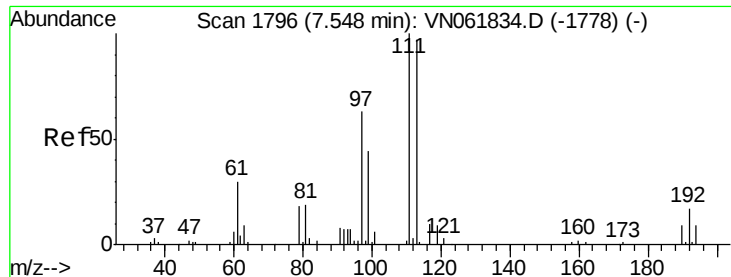
Tot Ion: 65 Resp: 96940
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion: 114 Resp: 271000
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.6
 88 14.9 0.0 31.0

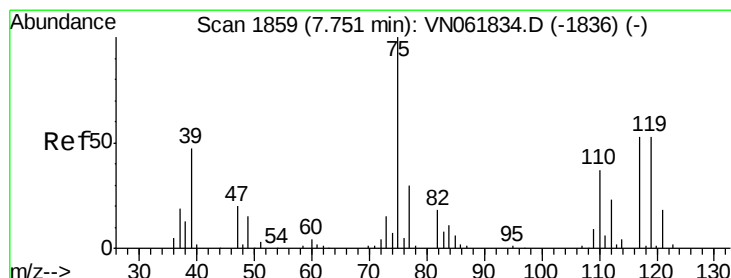
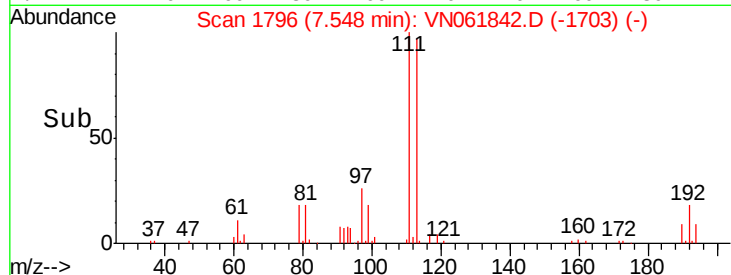
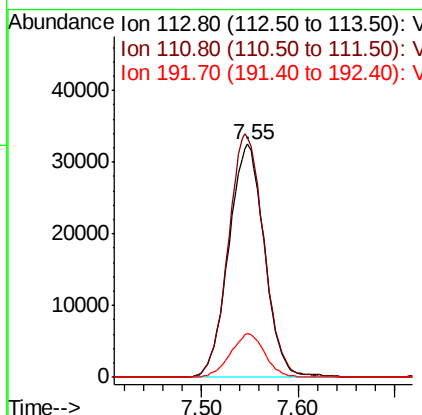
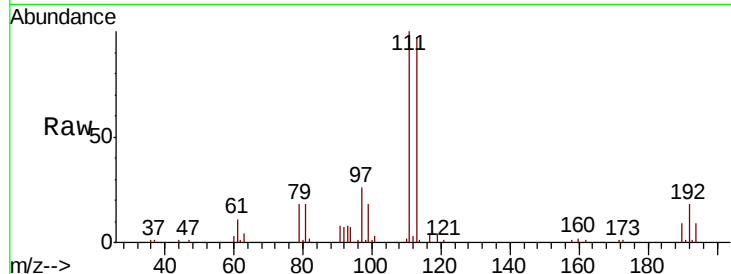




#35
 Dibromofluoromethane
 Concen: 48.177 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

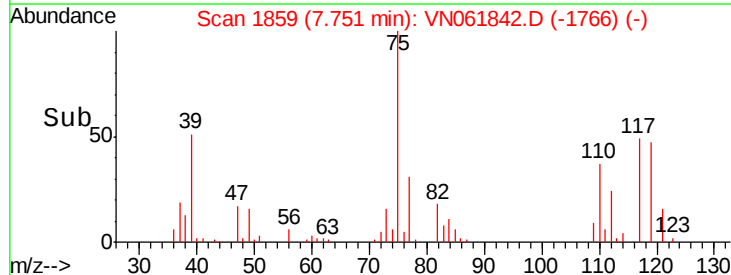
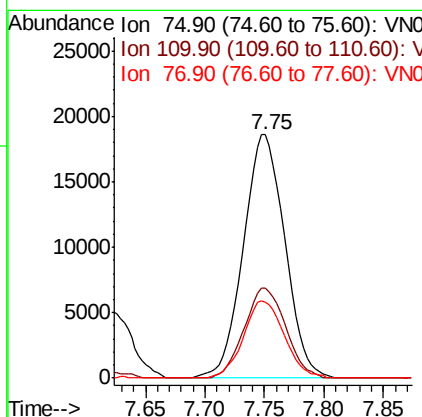
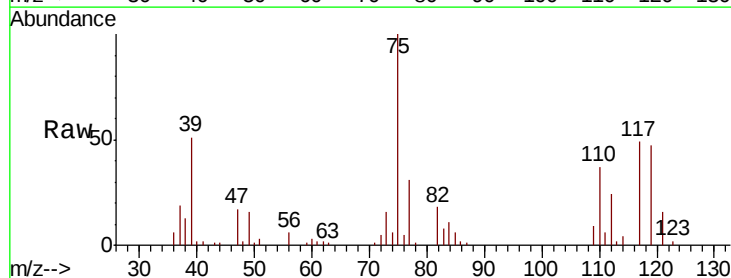
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

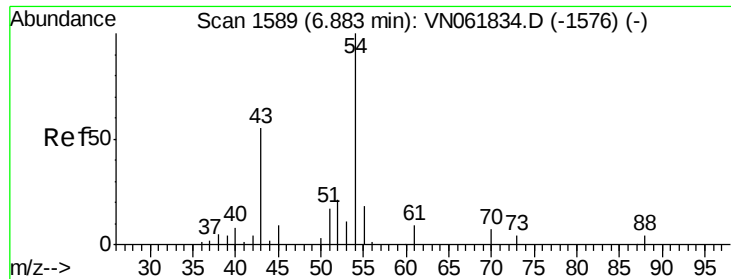
Tot Ion:113 Resp: 83526
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.7 125.5
 192 17.9 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 18.190 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion: 75 Resp: 44963
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.2 54.6
 77 31.2 24.2 36.4

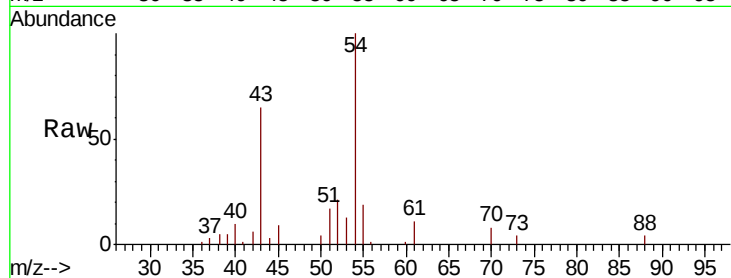




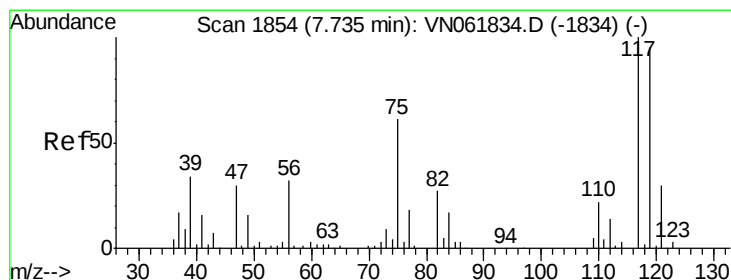
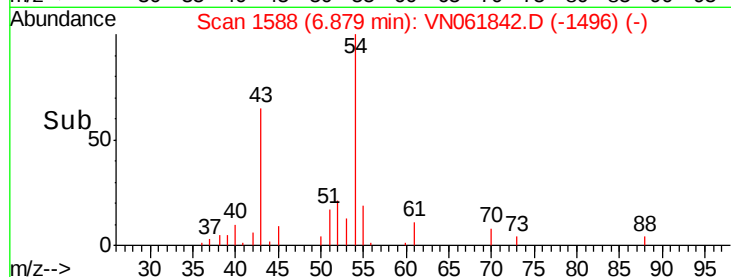
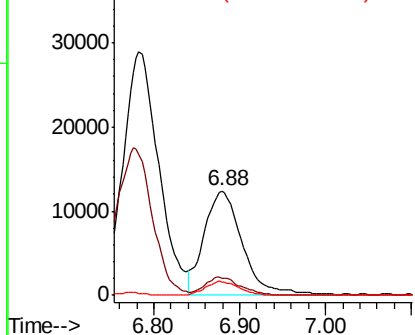
#37
Ethyl Acetate
Concen: 20.044 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion: 43 Resp: 38690
Ion Ratio Lower Upper
43 100
61 15.7 13.0 19.4
70 11.4 9.4 14.2

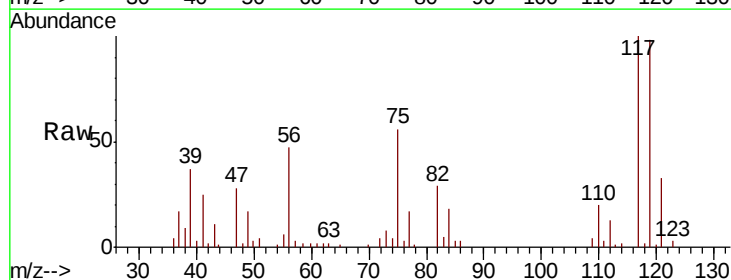


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

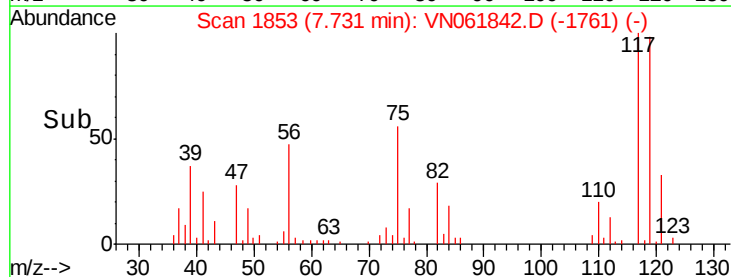
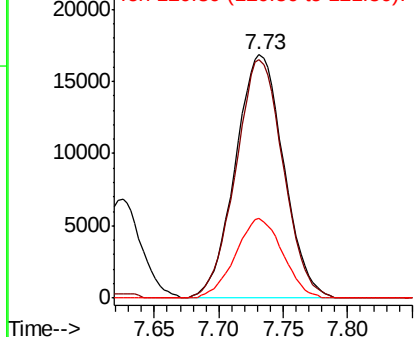


#38
Carbon Tetrachloride
Concen: 17.952 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion: 117 Resp: 43943
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.6
121 32.6 23.8 35.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

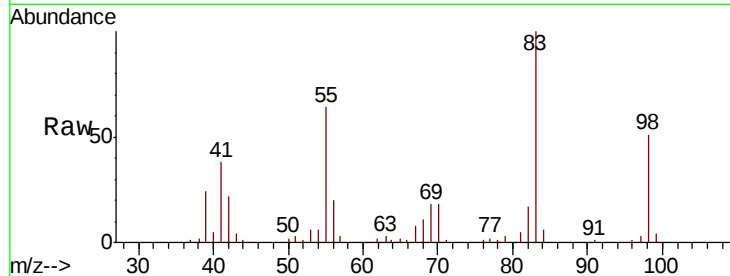




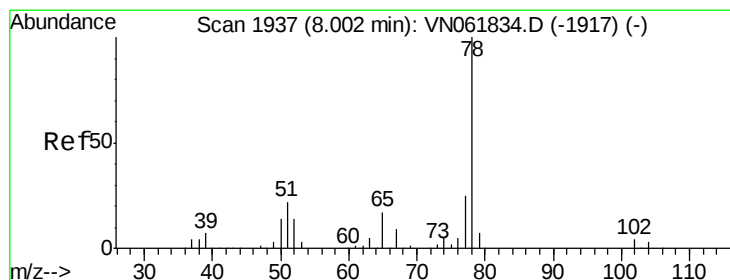
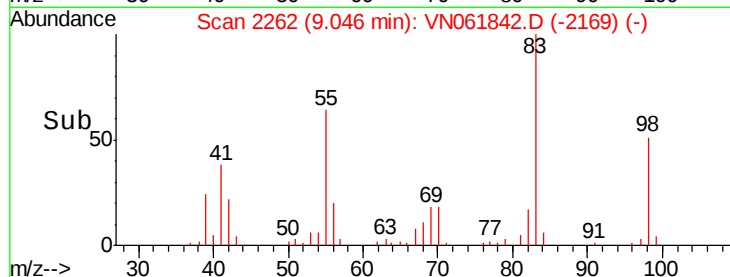
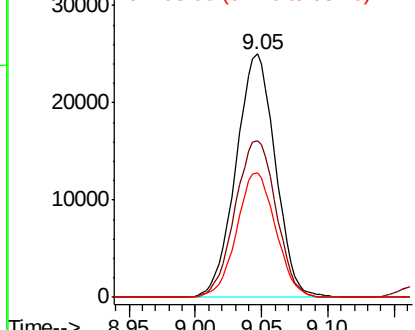
#39
Methvlcvclohexane
Concen: 19.434 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion: 83 Resp: 51727
Ion Ratio Lower Upper
83 100
55 64.3 54.2 81.4
98 51.2 39.8 59.6

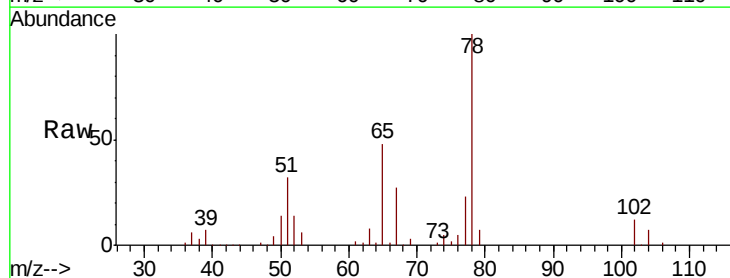


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

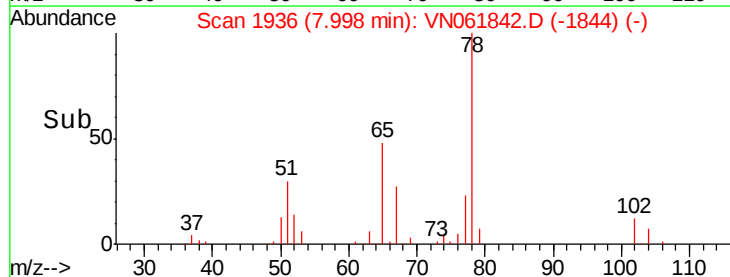
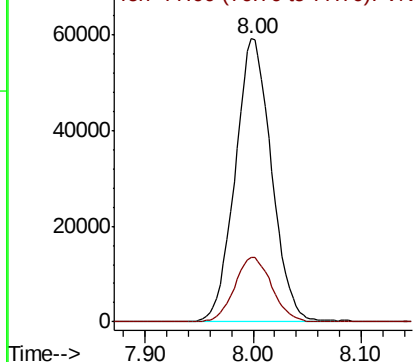


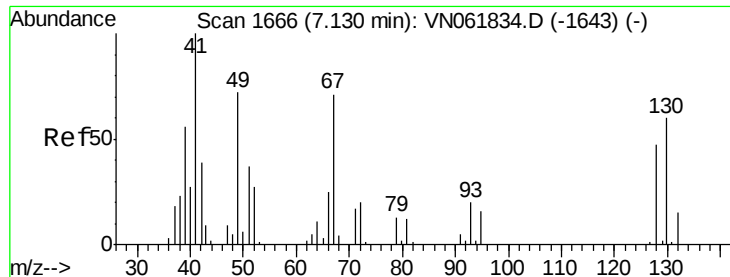
#40
Benzene
Concen: 18.516 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion: 78 Resp: 138641
Ion Ratio Lower Upper
78 100
77 22.8 19.7 29.5



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

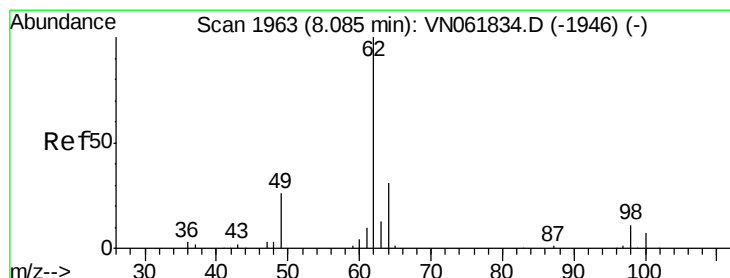
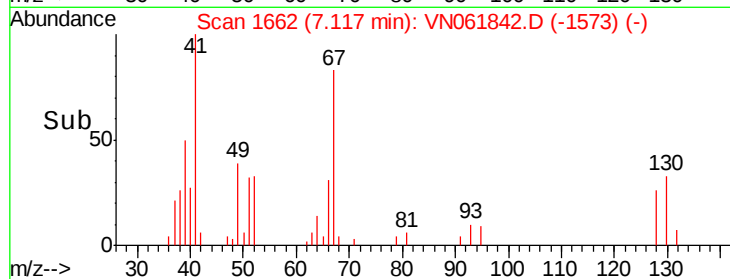
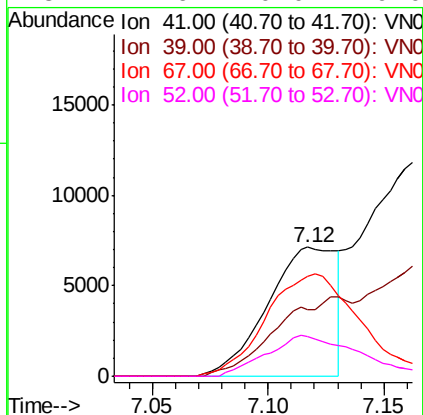
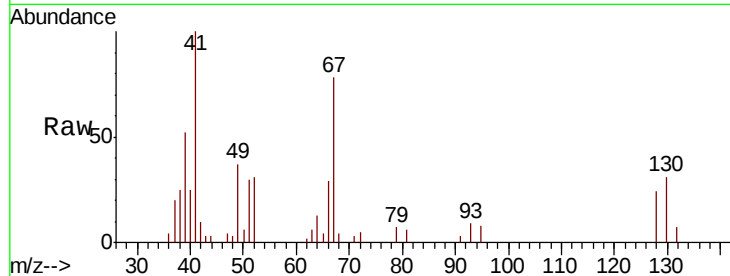




#41
Methacrylonitrile
Concen: 17.925 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.01 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

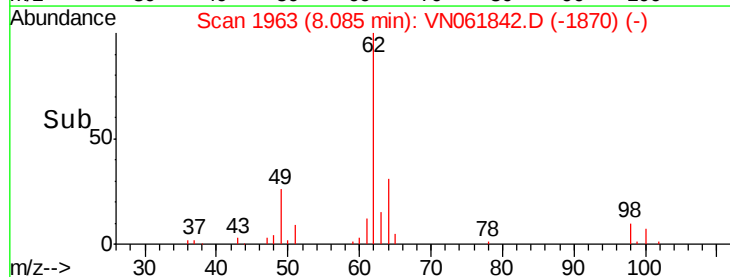
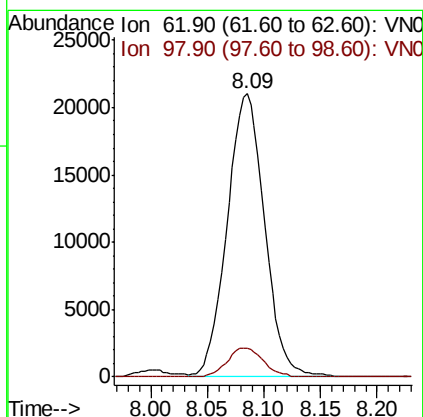
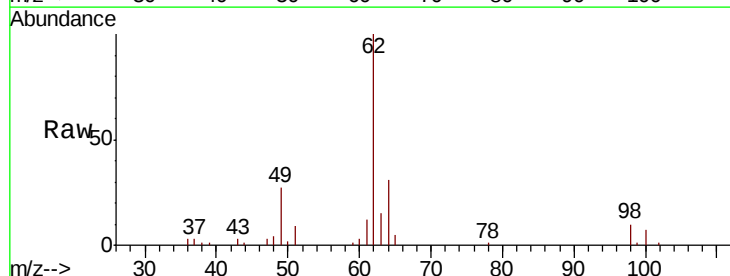
Instrument :
MSVOA_N
ClientSampled :
VN0617WBSD01

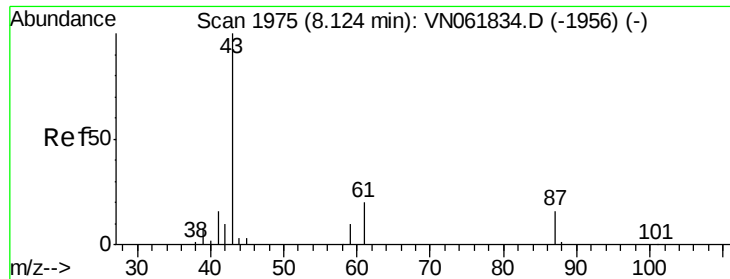
Tot Ion: 41 Resp: 14795
Ion Ratio Lower Upper
41 100
39 66.7 0.0 0.0#
67 107.9 0.0 0.0#
52 42.6 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.009 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion: 62 Resp: 48531
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.4





#43

Isopropyl Acetate

Concen: 18.386 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

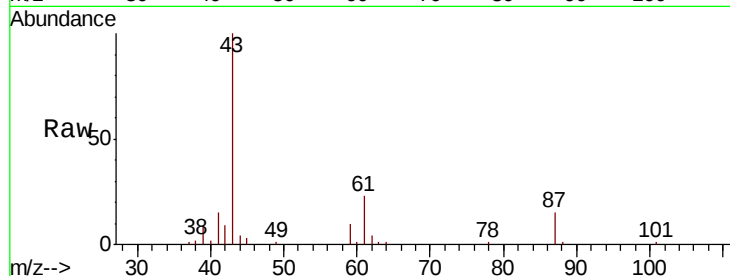
Tot Ion: 43 Resp: 59810

Ion Ratio Lower Upper

43 100

61 22.9 24.0 36.0#

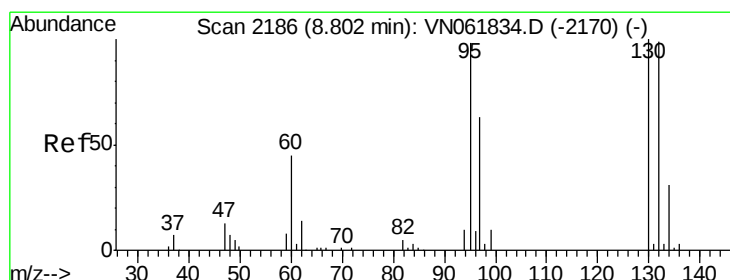
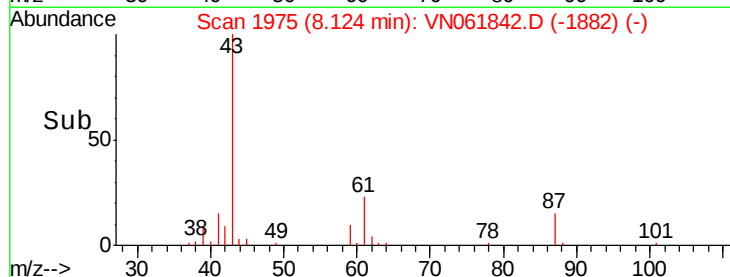
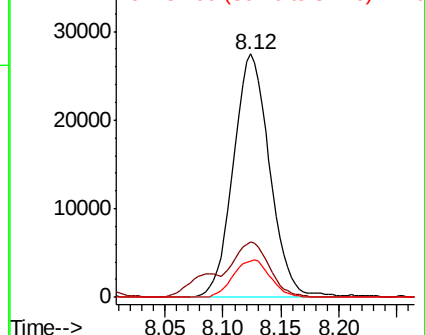
87 15.4 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061834.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1956) (-)



#44

Trichloroethene

Concen: 18.655 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061842.D

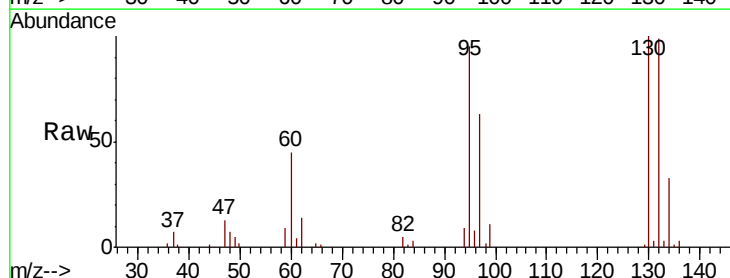
Acq: 17 Jun 2020 12:40

Tgt Ion:130 Resp: 36762

Ion Ratio Lower Upper

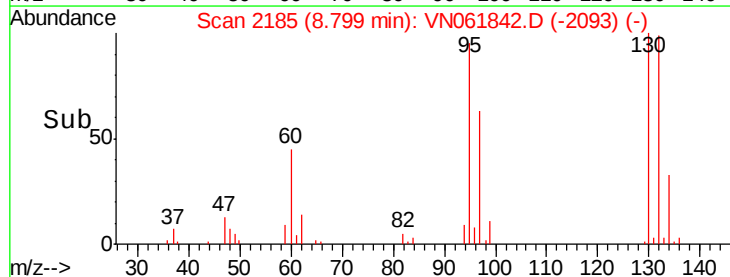
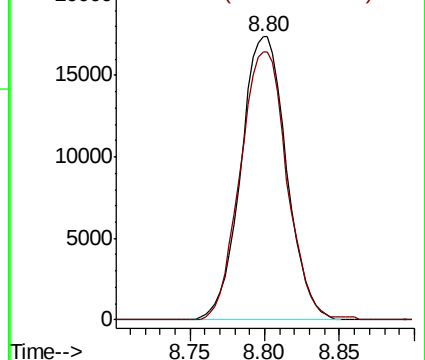
130 100

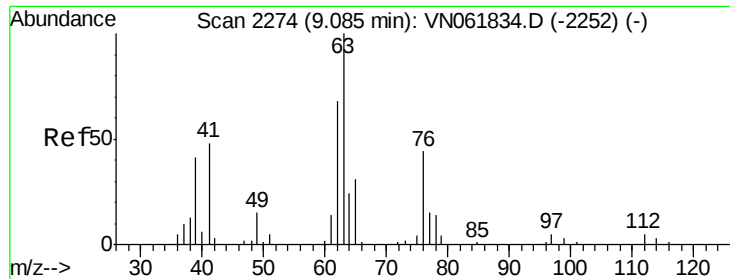
95 94.8 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)

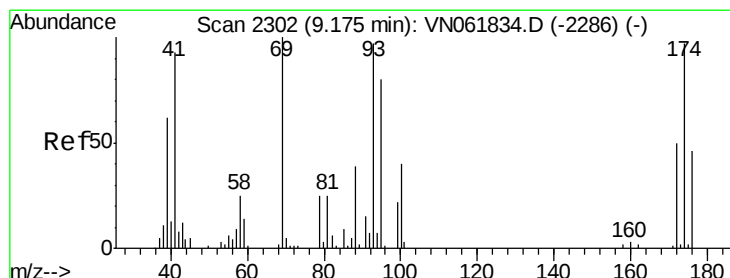
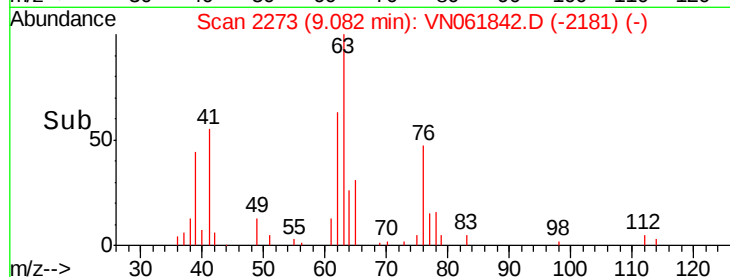
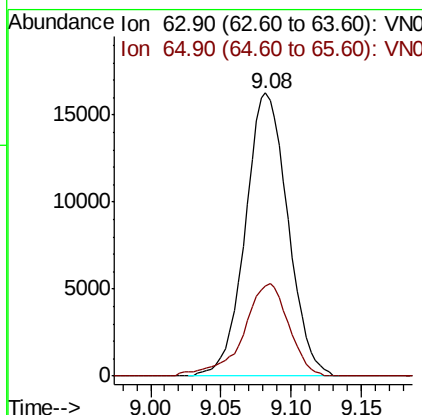
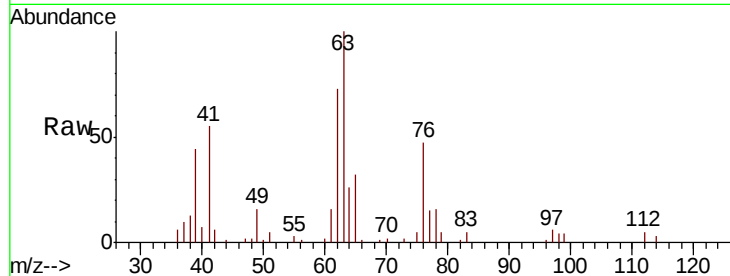




#45
 1,2-Dichloropropane
 Concen: 18.641 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

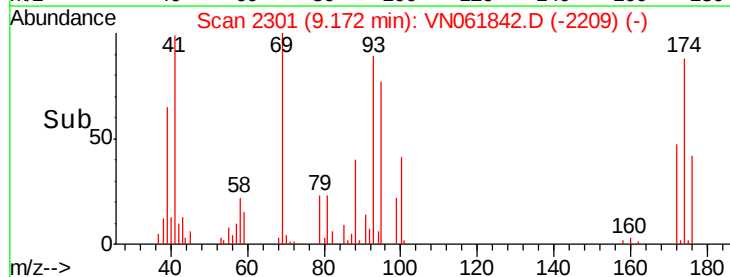
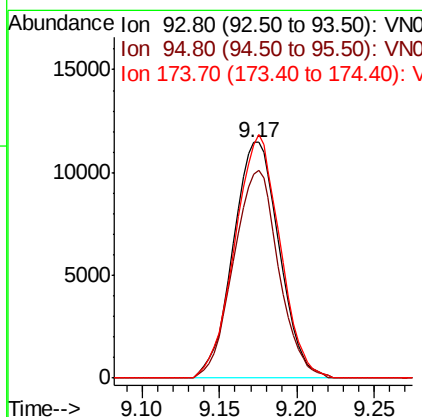
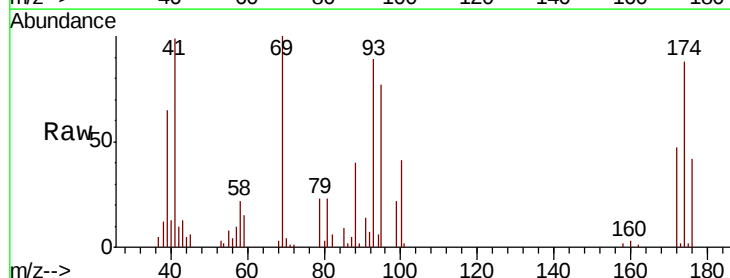
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Tot Ion: 63 Resp: 34301
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.1 37.7



#46
 Dibromomethane
 Concen: 18.382 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion: 93 Resp: 23819
 Ion Ratio Lower Upper
 93 100
 95 86.0 65.8 98.6
 174 100.8 78.5 117.7





#47

Bromodichloromethane

Concen: 18.455 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

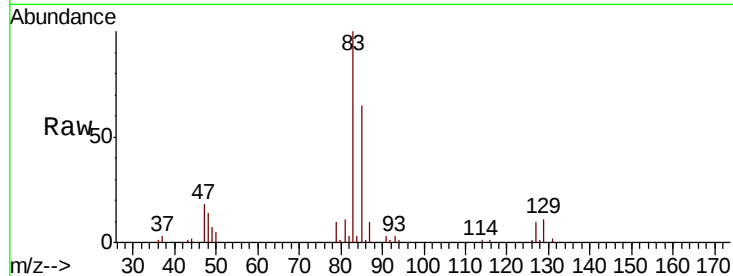
Tot Ion: 83 Resp: 48967

Ion Ratio Lower Upper

83 100

85 64.6 50.8 76.2

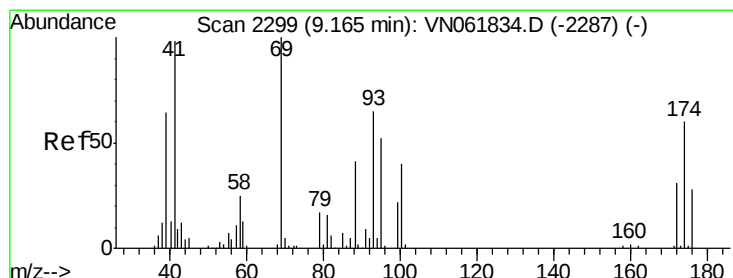
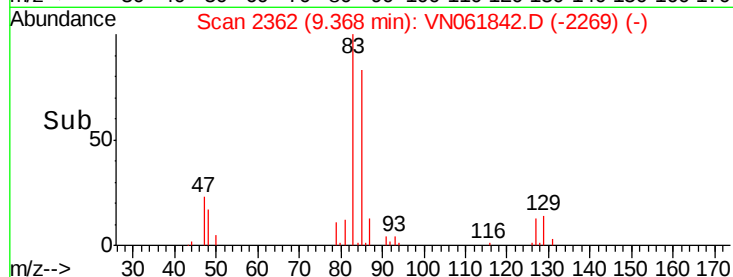
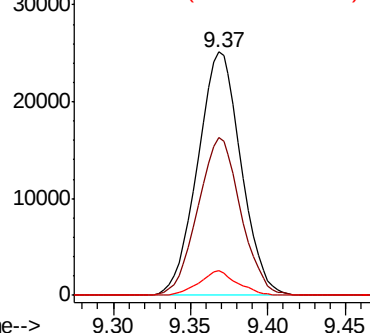
127 10.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN061834.D (-2347) (-)



#48

Methyl methacrylate

Concen: 17.774 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

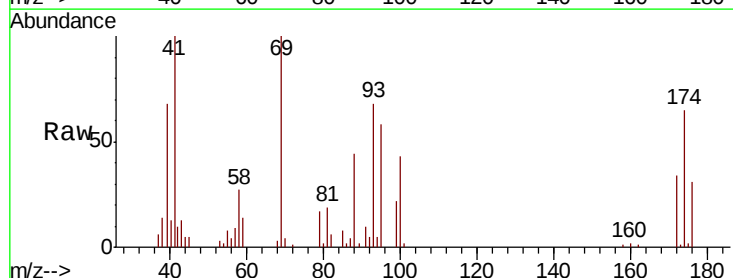
Tgt Ion: 41 Resp: 26293

Ion Ratio Lower Upper

41 100

69 103.5 83.0 124.4

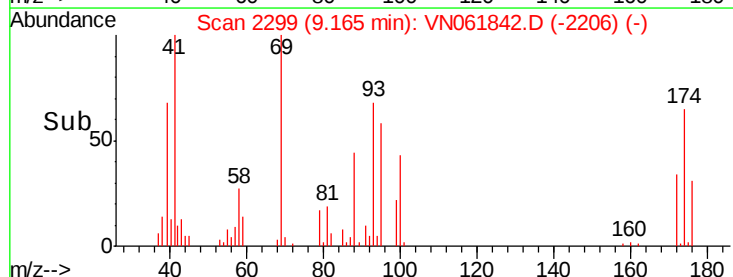
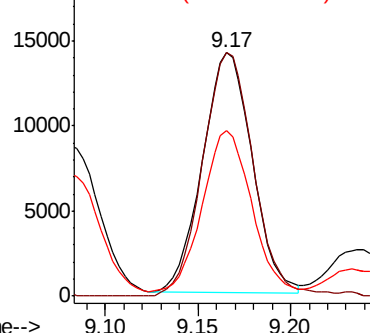
39 70.4 55.1 82.7



Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN061834.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-2287) (-)





#49

1,4-Dioxane

Concen: 383.502 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

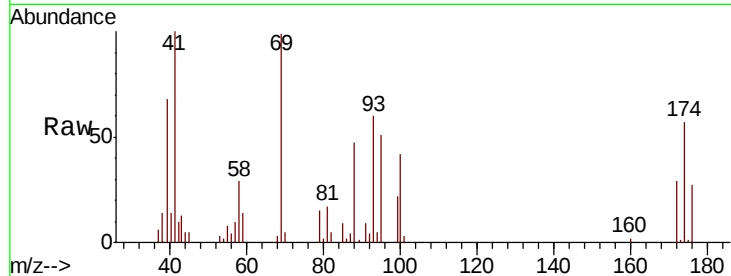
Tot Ion: 88 Resp: 13025

Ion Ratio Lower Upper

88 100

43 28.5 23.4 35.2

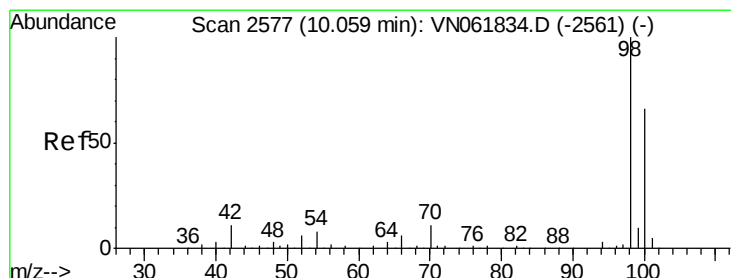
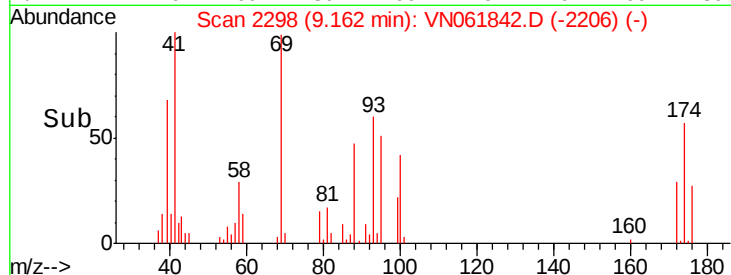
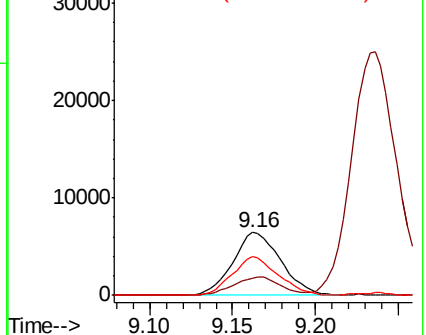
58 58.3 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN061834.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN061834.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2285) (-)



#50

Toluene-d8

Concen: 46.737 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061842.D

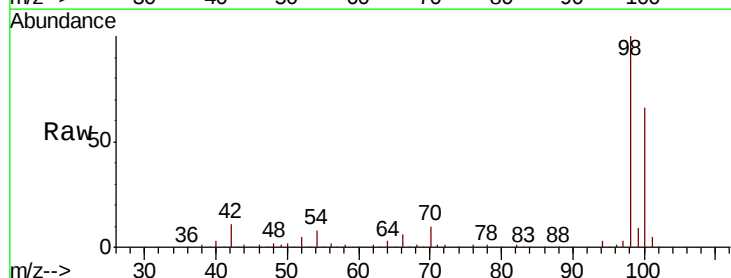
Acq: 17 Jun 2020 12:40

Tgt Ion: 98 Resp: 318558

Ion Ratio Lower Upper

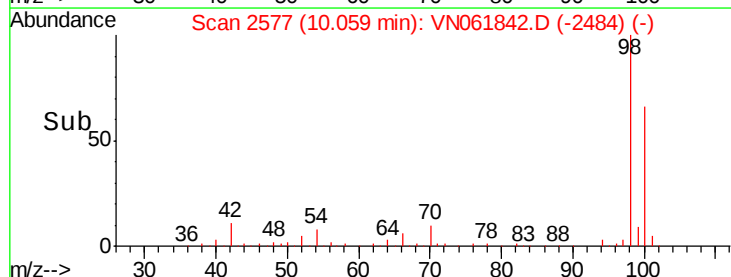
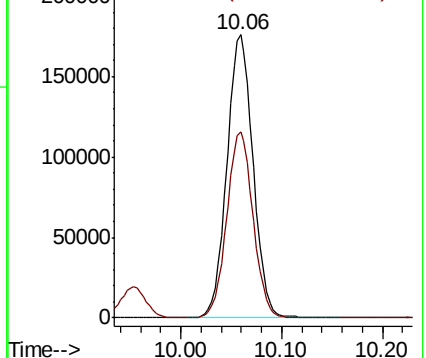
98 100

100 65.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)





#51

4-Methyl-2-Pentanone

Concen: 92.937 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

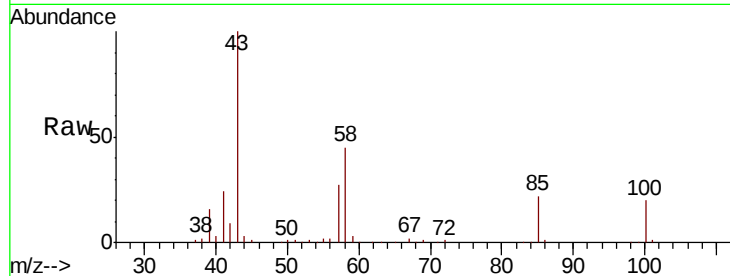
VN0617WBSD01

Tot Ion: 43 Resp: 178650

Ion Ratio Lower Upper

43 100

58 43.4 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

9.95

100000

80000

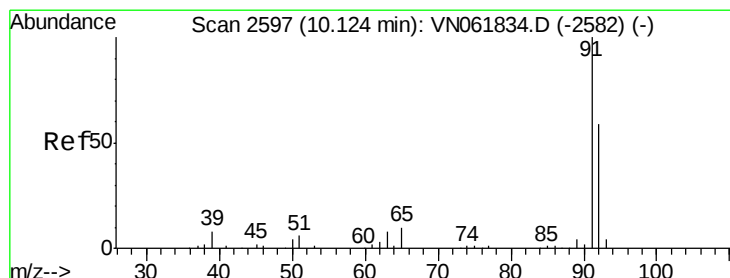
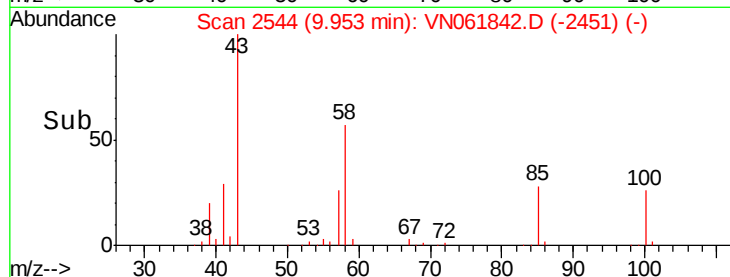
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 18.587 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061842.D

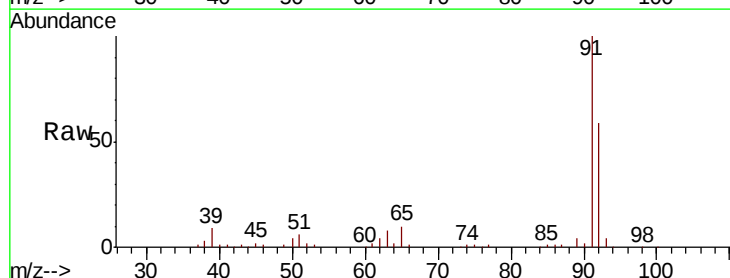
Acq: 17 Jun 2020 12:40

Tgt Ion: 92 Resp: 87407

Ion Ratio Lower Upper

92 100

91 172.2 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.12

80000

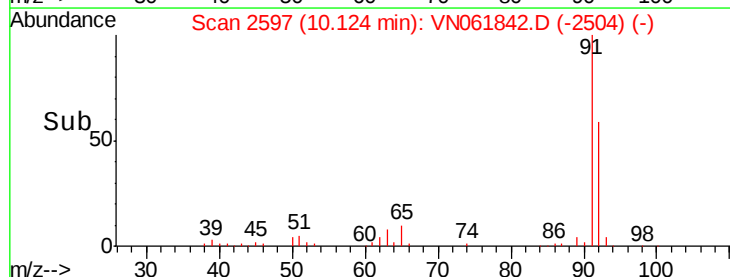
60000

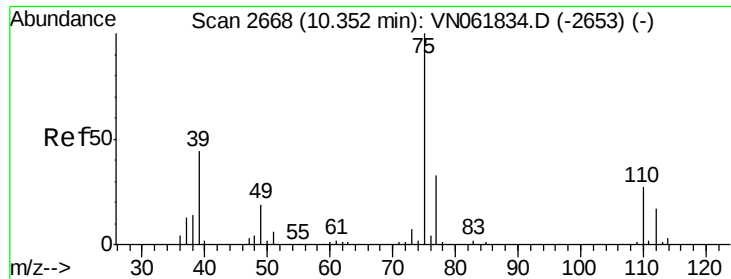
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.838 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

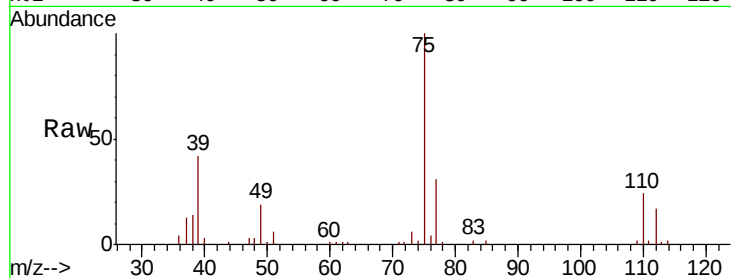
VN0617WBSD01

Tot Ion: 75 Resp: 53062

Ion Ratio Lower Upper

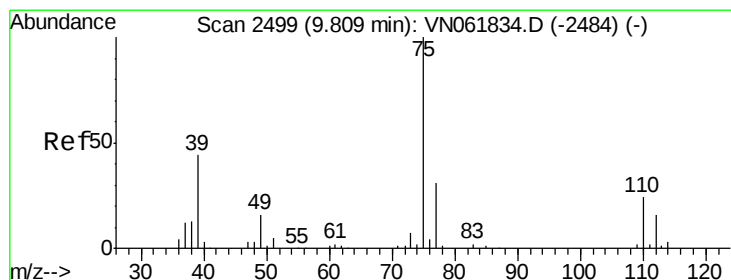
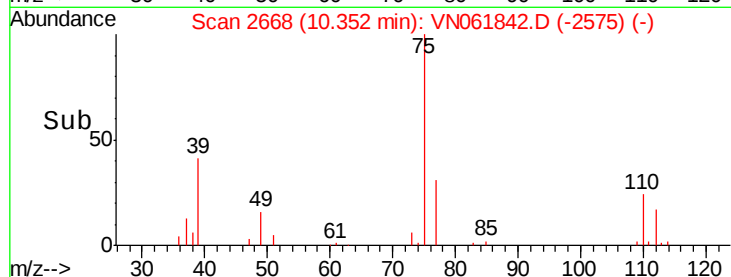
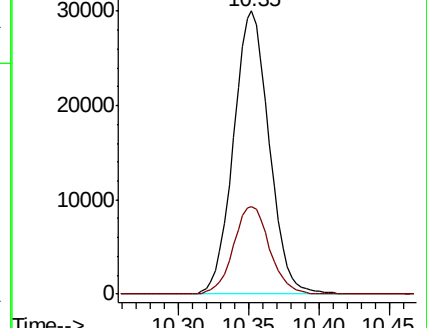
75 100

77 31.0 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-2653) (-)

Ion 76.90 (76.60 to 77.60): VN061834.D (-2653) (-)



#54

cis-1,3-Dichloropropene

Concen: 18.826 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

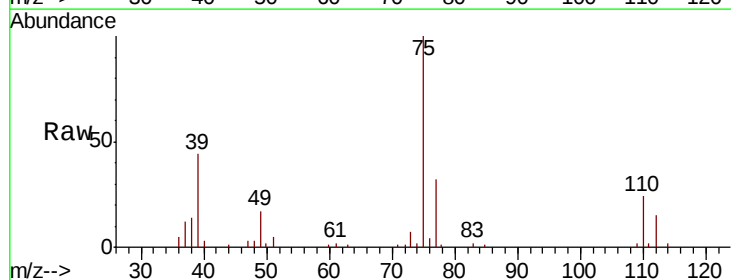
Tgt Ion: 75 Resp: 57595

Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

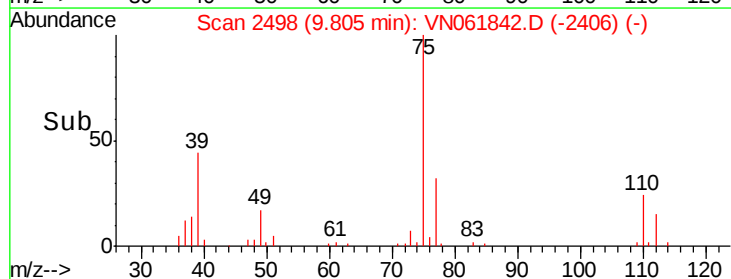
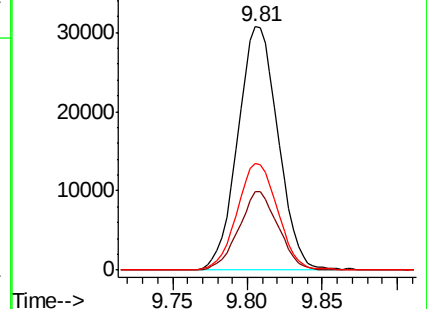
39 43.8 35.4 53.0

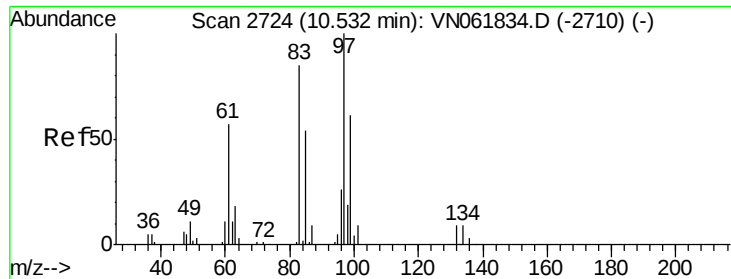


Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-2484) (-)

Ion 76.90 (76.60 to 77.60): VN061834.D (-2484) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-2484) (-)





#55

1,1,2-Trichloroethane

Concen: 19.398 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tot Ion: 97 Resp: 35890

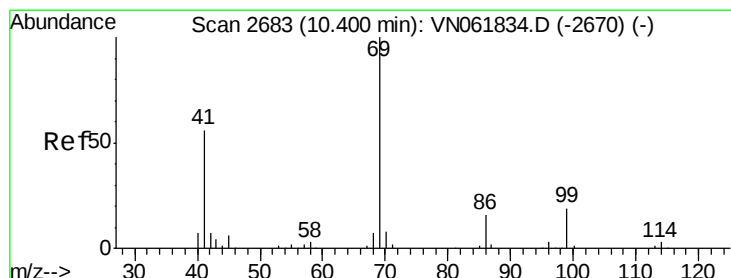
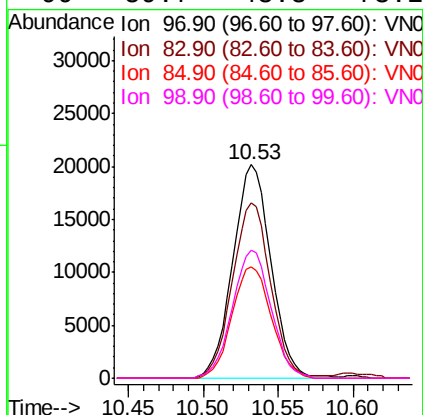
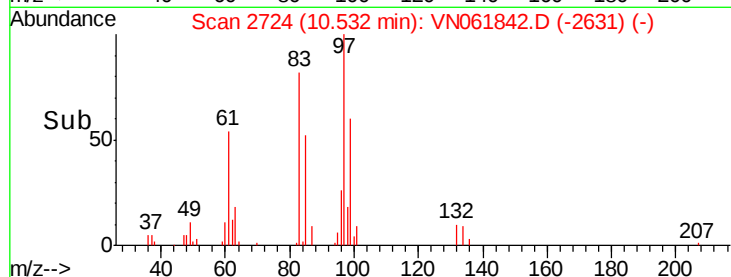
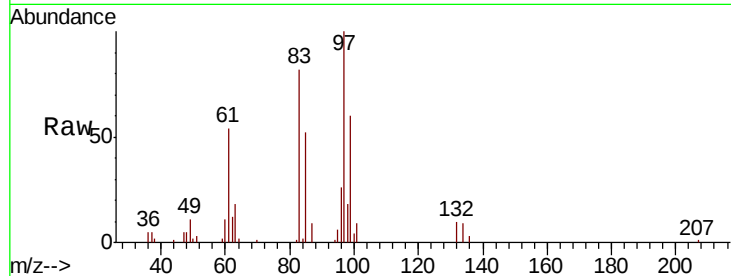
Ion Ratio Lower Upper

97 100

83 82.4 67.7 101.5

85 52.2 43.4 65.0

99 59.7 48.8 73.2



#56

Ethyl methacrylate

Concen: 18.168 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

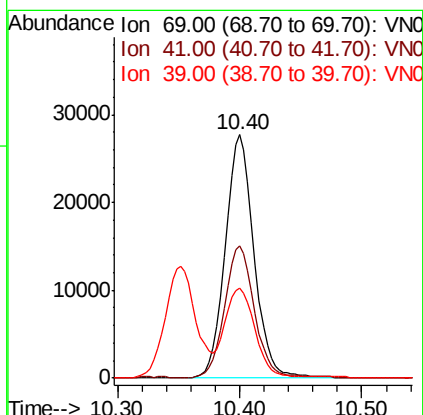
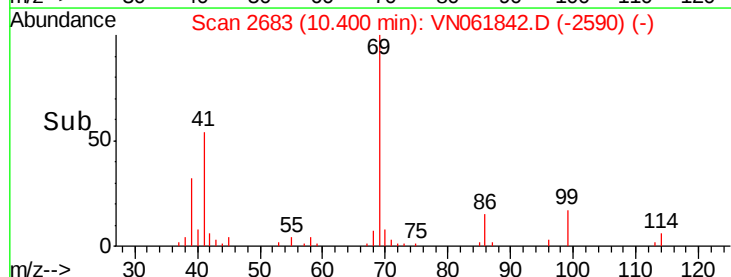
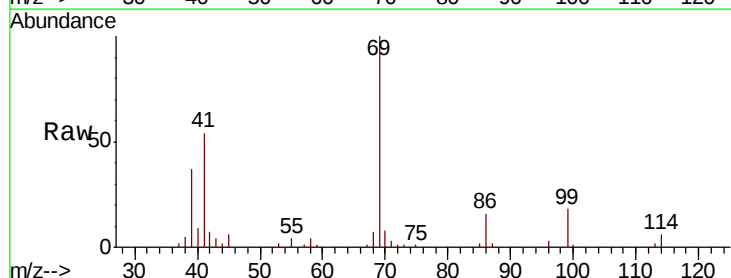
Tgt Ion: 69 Resp: 45800

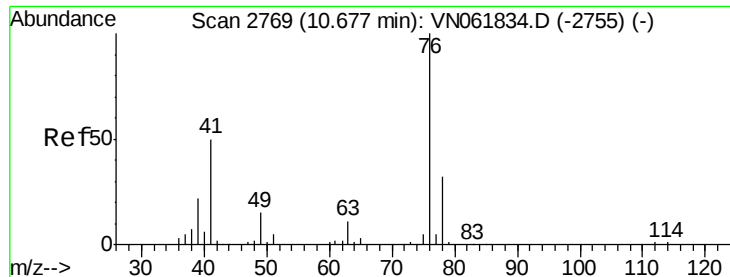
Ion Ratio Lower Upper

69 100

41 56.5 44.9 67.3

39 37.9 30.0 45.0

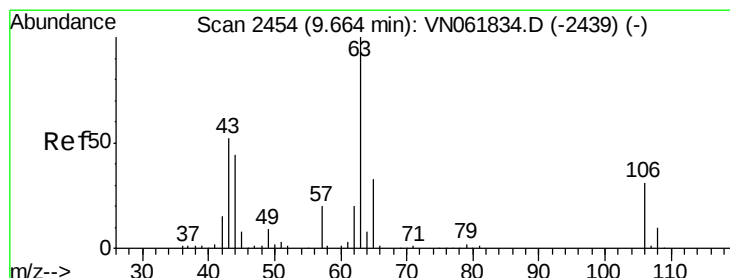
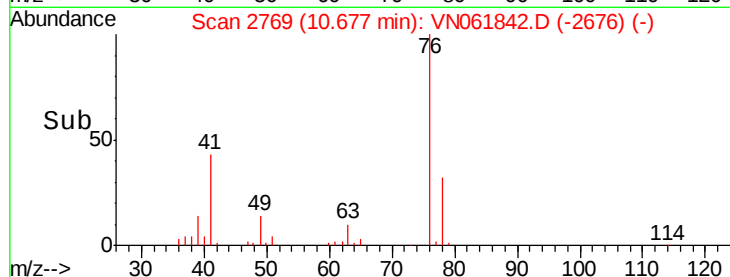
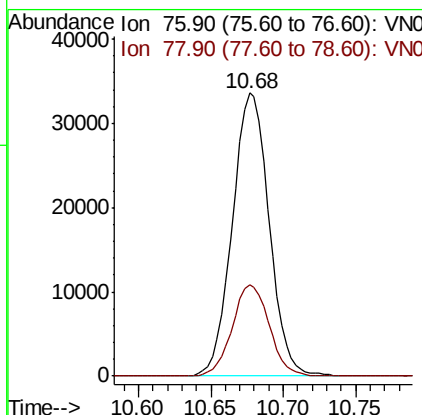
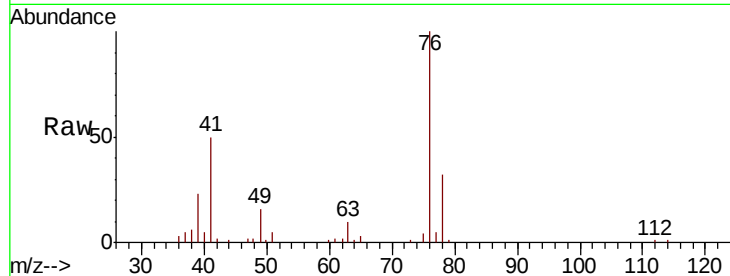




#57
 1,3-Dichloropropane
 Concen: 18.874 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

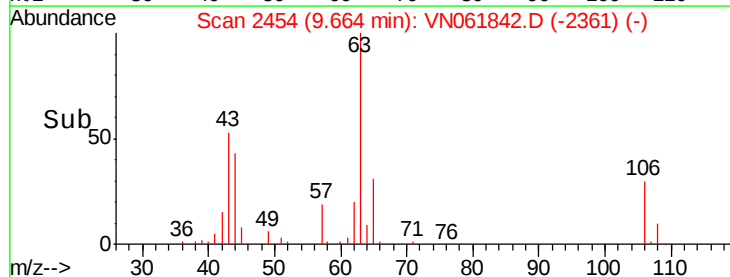
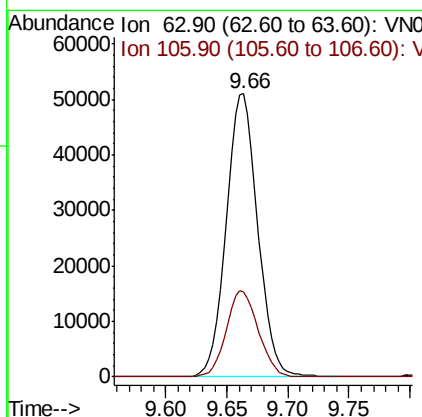
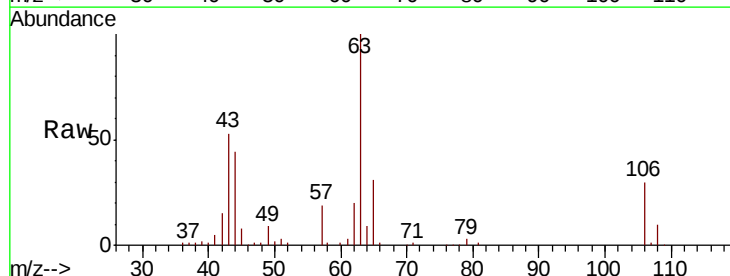
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

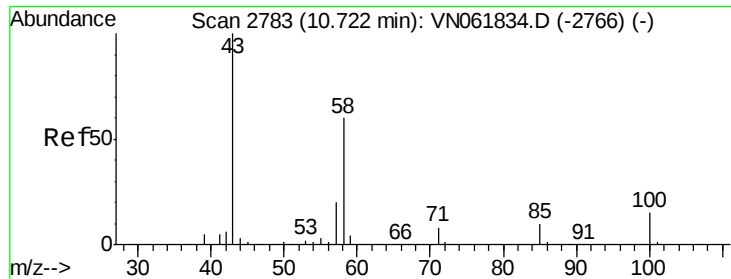
Tot Ion: 76 Resp: 59160
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.219 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion: 63 Resp: 92002
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.6 36.8

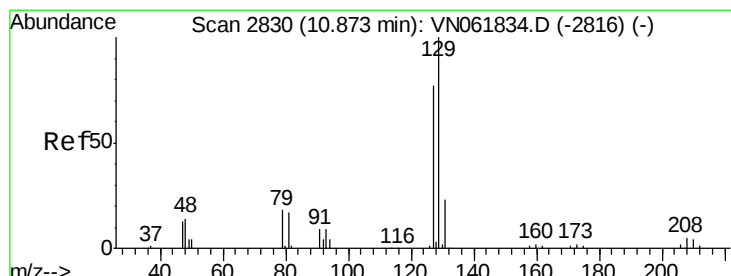
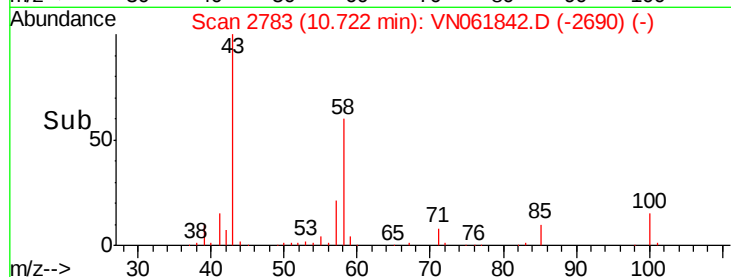
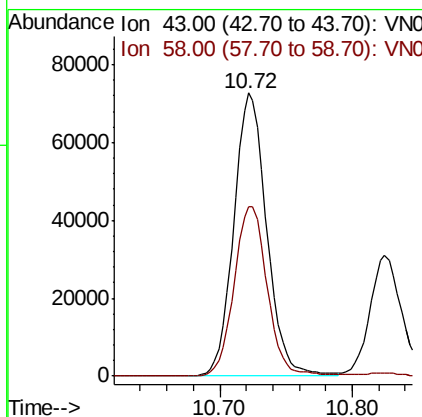
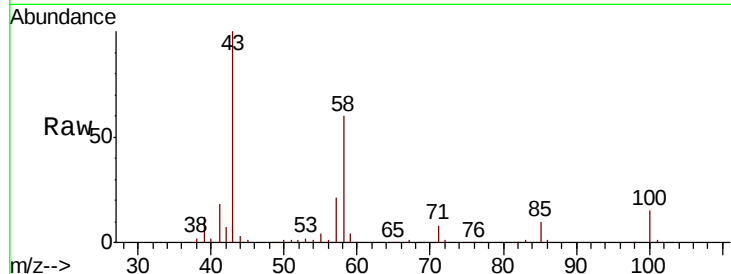




#59
2-Hexanone
Concen: 90.699 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

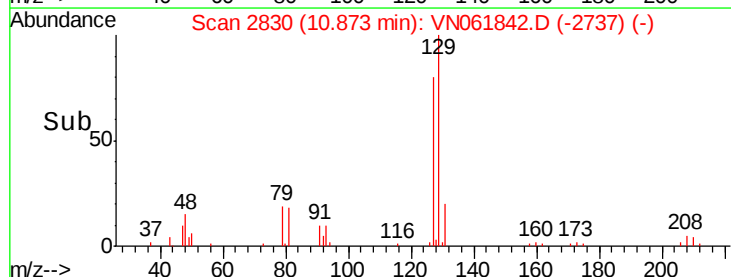
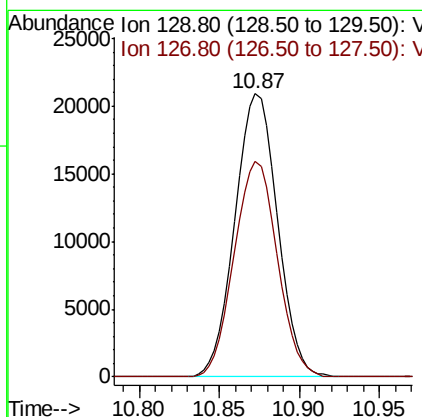
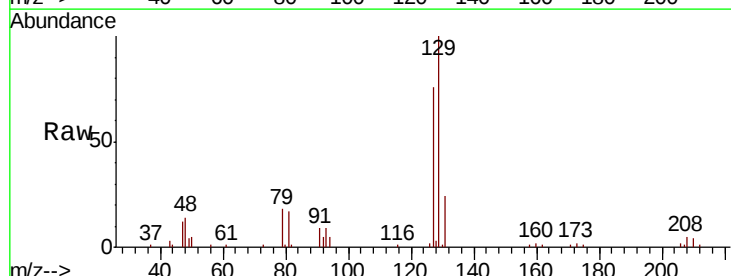
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

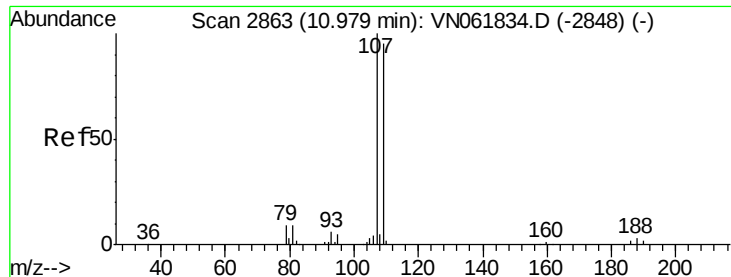
Tot Ion: 43 Resp: 125425
Ion Ratio Lower Upper
43 100
58 60.5 30.1 90.5



#60
Dibromochloromethane
Concen: 18.386 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion: 129 Resp: 37958
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

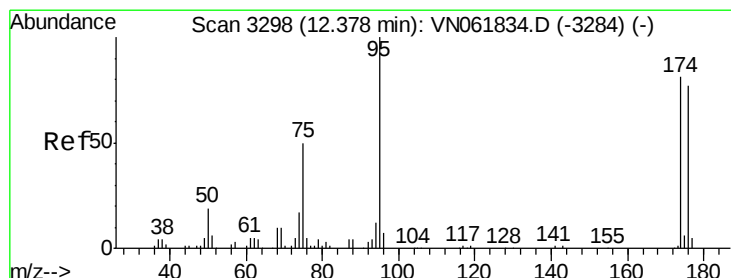
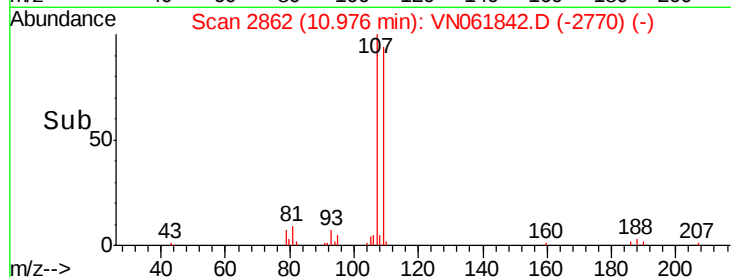
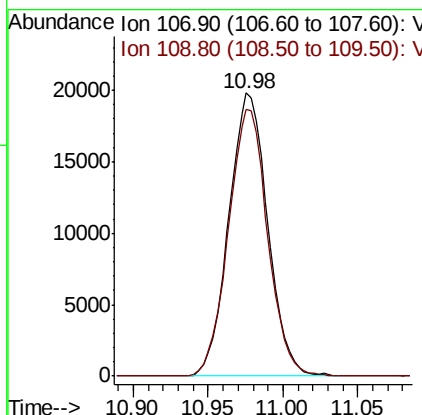
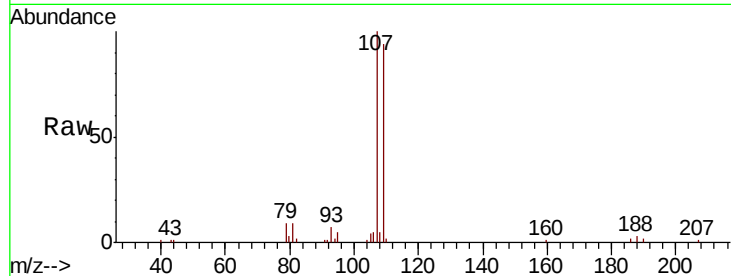




#61
 1,2-Dibromoethane
 Concen: 18.545 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

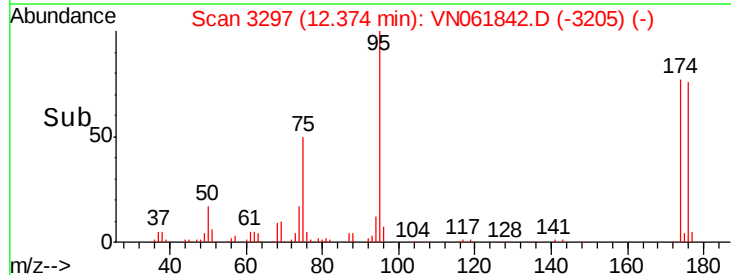
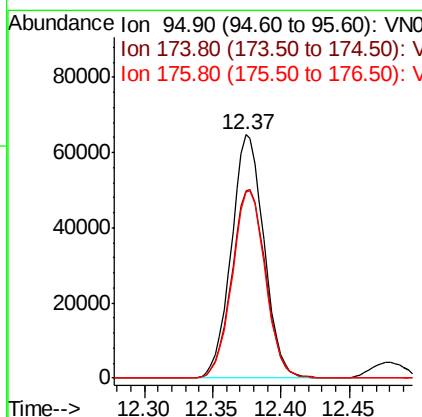
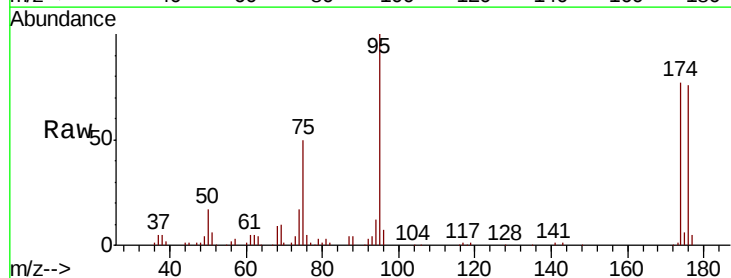
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Tot Ion:107 Resp: 35829
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 46.019 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion: 95 Resp: 107591
 Ion Ratio Lower Upper
 95 100
 174 80.0 0.0 158.6
 176 77.9 0.0 152.0

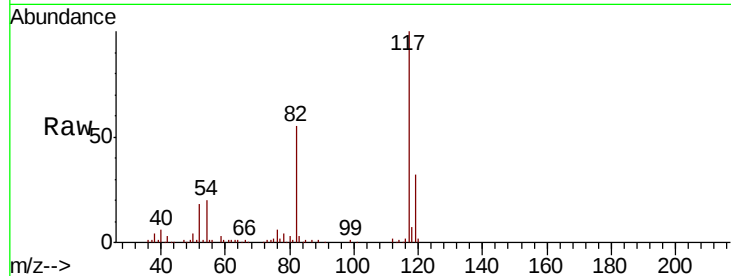




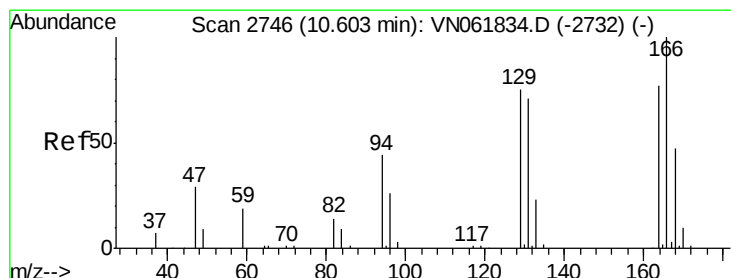
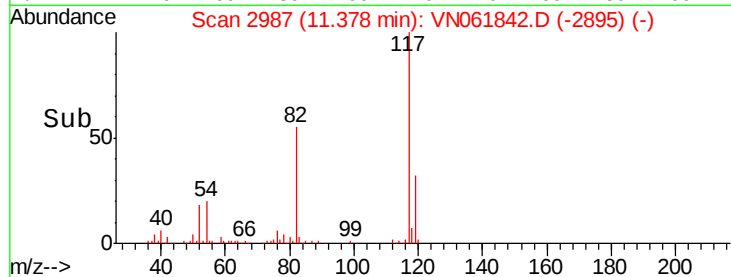
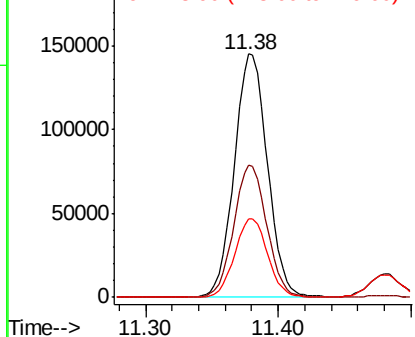
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion:117 Resp: 251489
Ion Ratio Lower Upper
117 100
82 54.5 42.6 64.0
119 32.3 24.7 37.1

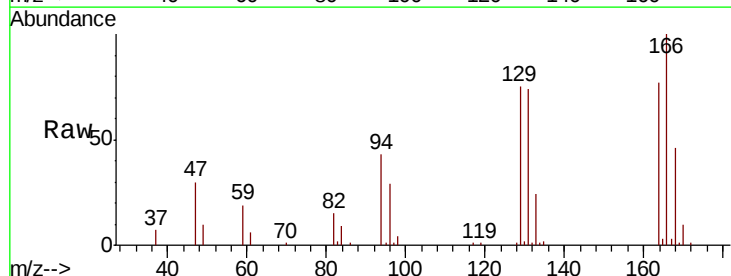


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

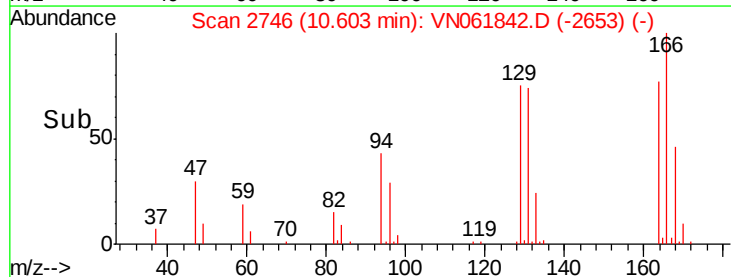
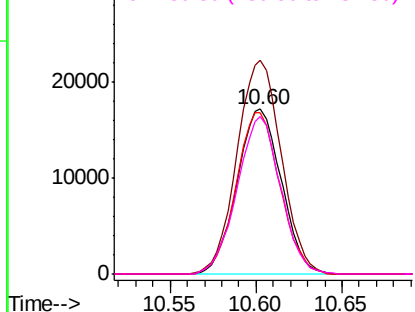


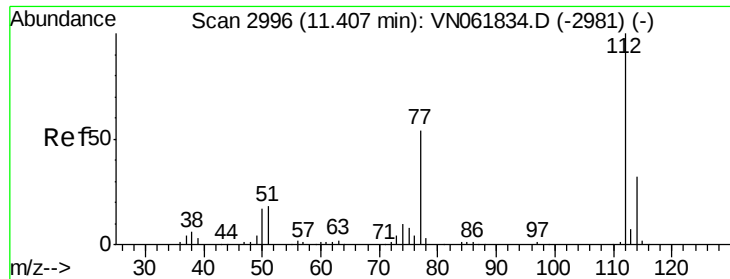
#64
Tetrachloroethene
Concen: 19.239 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion:164 Resp: 30839
Ion Ratio Lower Upper
164 100
166 129.4 103.5 155.3
129 97.6 77.5 116.3
131 95.4 73.8 110.8



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: 17.969 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

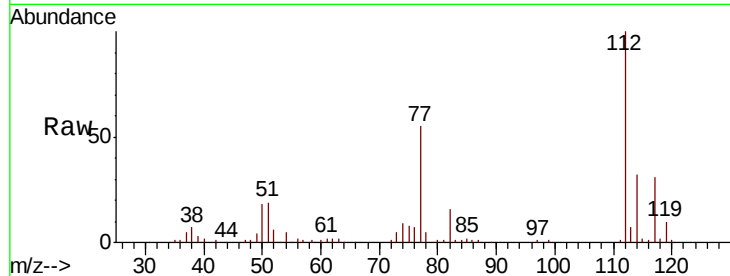
VN0617WBSD01

Tot Ion:112 Resp: 95353

Ion Ratio Lower Upper

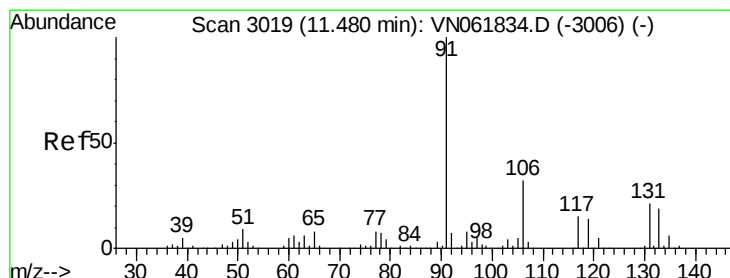
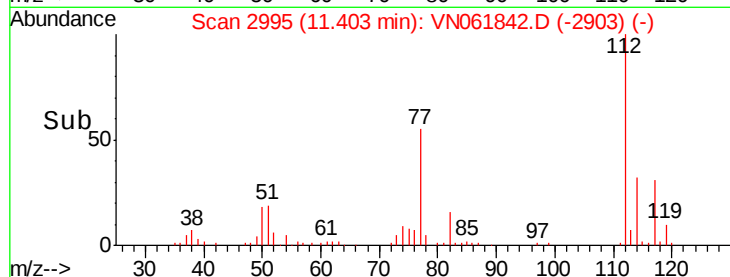
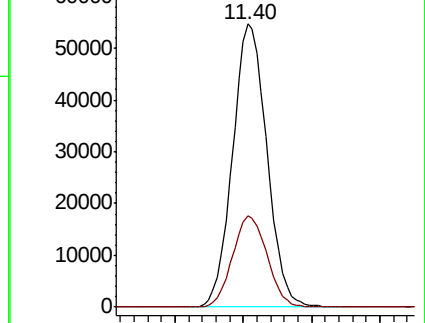
112 100

114 32.1 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.571 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

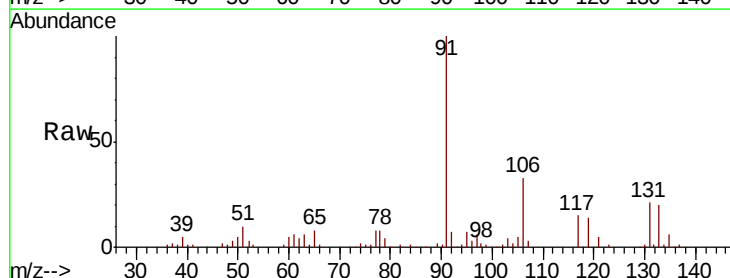
Tgt Ion:131 Resp: 34370

Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.5

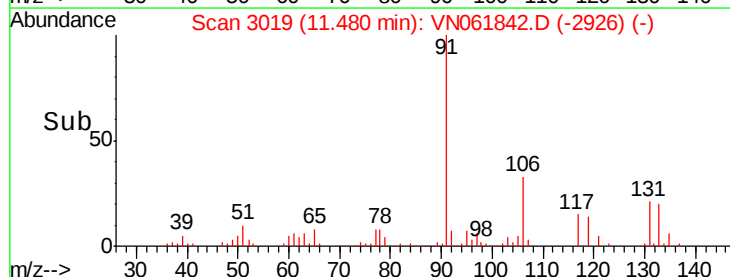
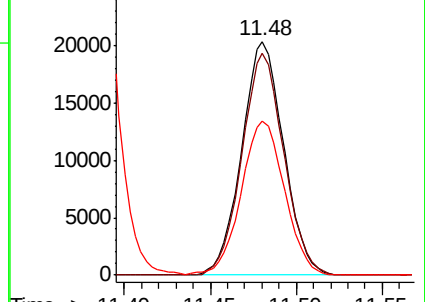
119 68.1 34.0 101.8

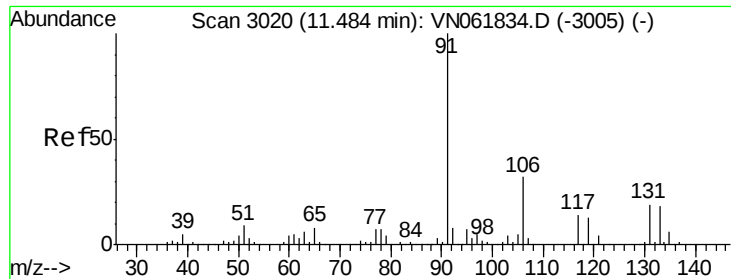


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

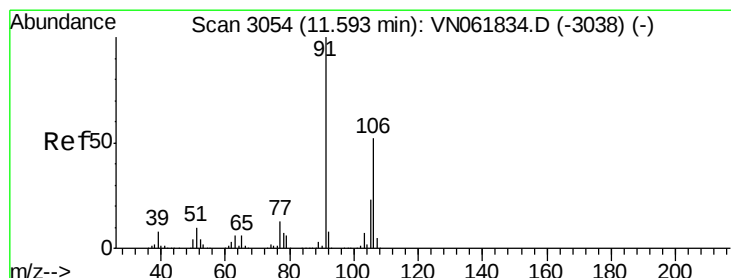
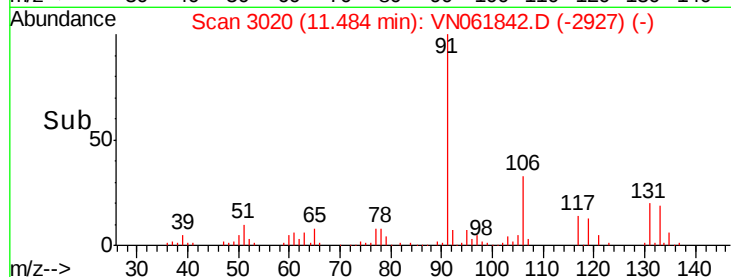
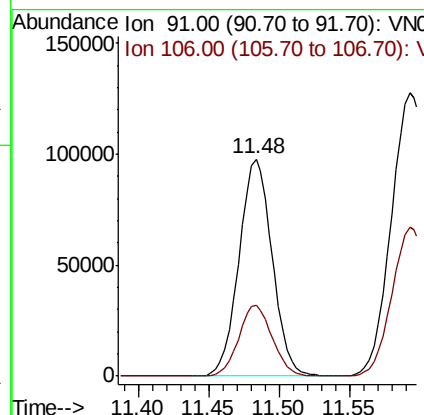
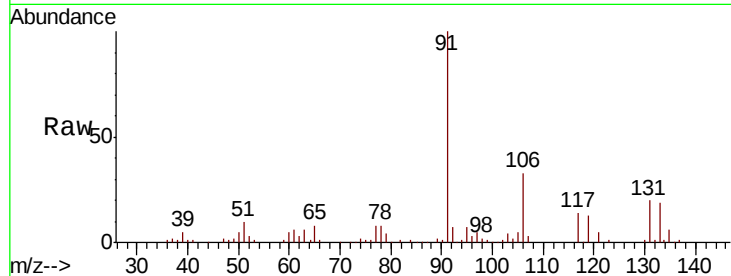




#67
Ethyl Benzene
Concen: 18.151 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

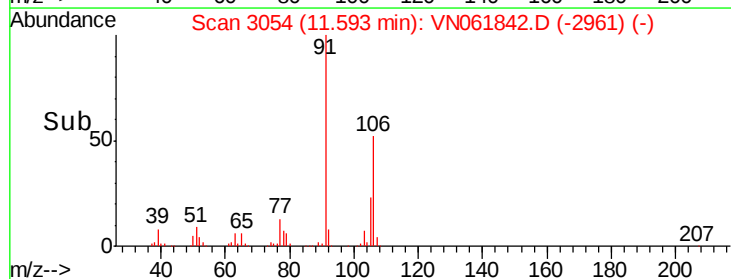
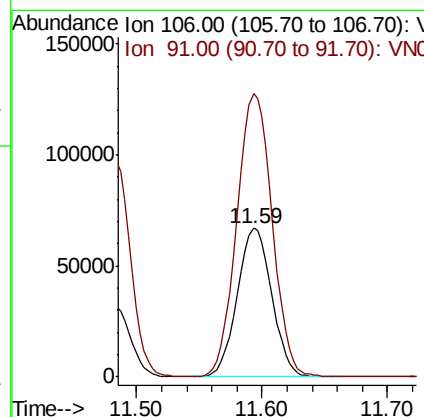
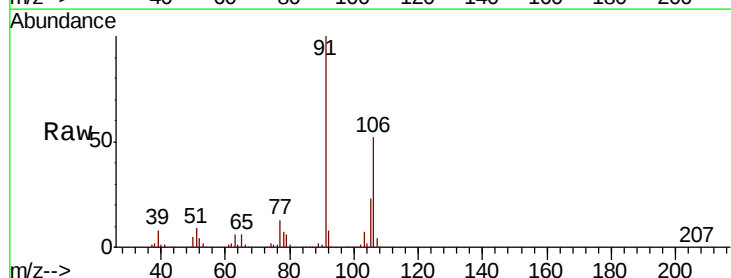
Instrument :
MSVOA_N
ClientSampled :
VN0617WBSD01

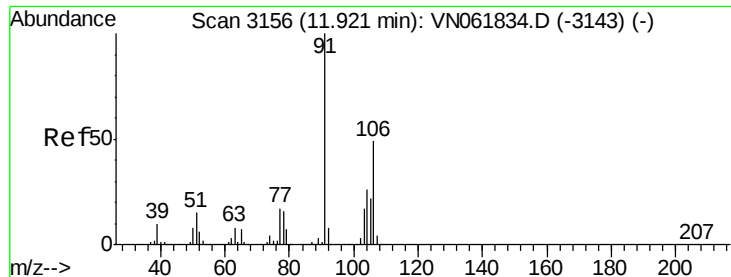
Tot Ion: 91 Resp: 161491
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.2



#68
m/p-Xylenes
Concen: 37.366 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion: 106 Resp: 128196
Ion Ratio Lower Upper
106 100
91 194.6 157.0 235.6

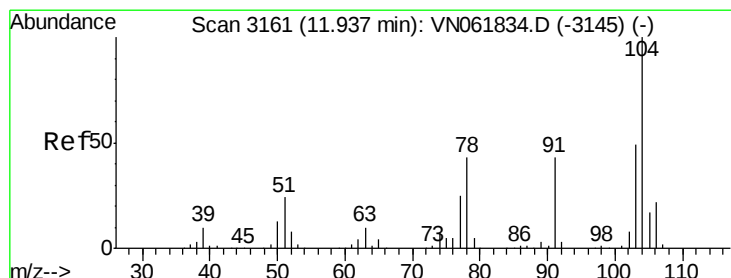
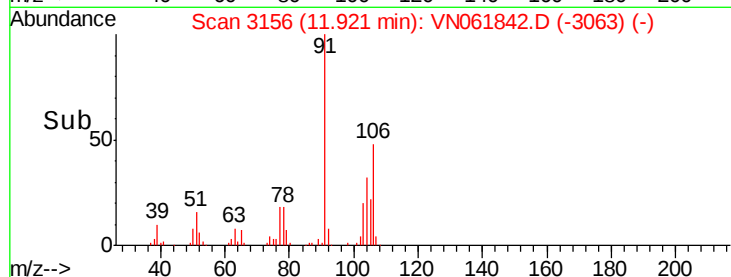
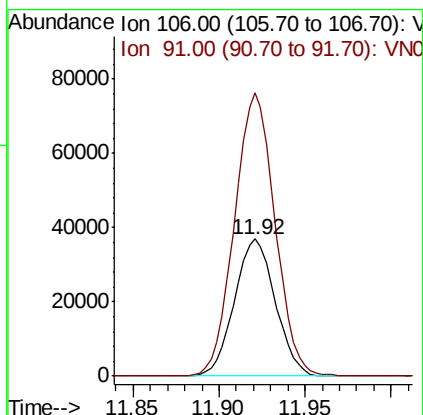
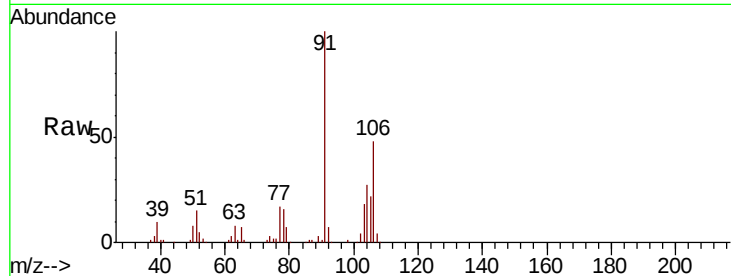




#69
o-Xylene
Concen: 18.586 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

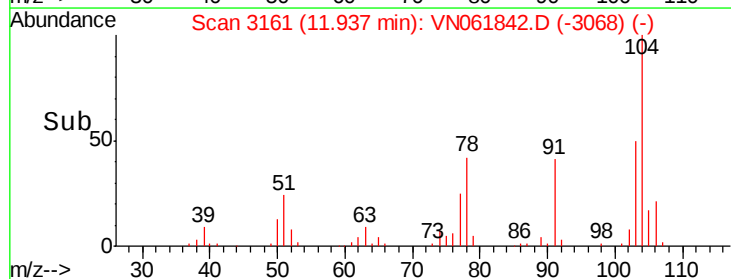
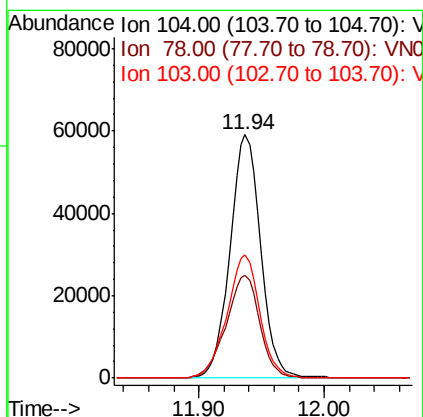
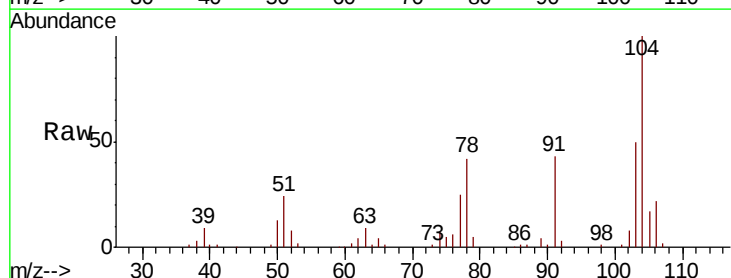
Instrument :
MSVOA_N
ClientSampled :
VN0617WBSD01

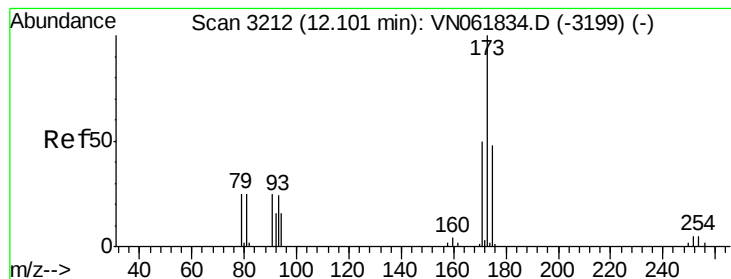
Tot Ion:106 Resp: 60840
Ion Ratio Lower Upper
106 100
91 204.8 103.0 308.9



#70
Styrene
Concen: 18.281 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion:104 Resp: 100203
Ion Ratio Lower Upper
104 100
78 46.4 37.6 56.4
103 54.0 43.0 64.4





#71

Bromoform

Concen: 18.054 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

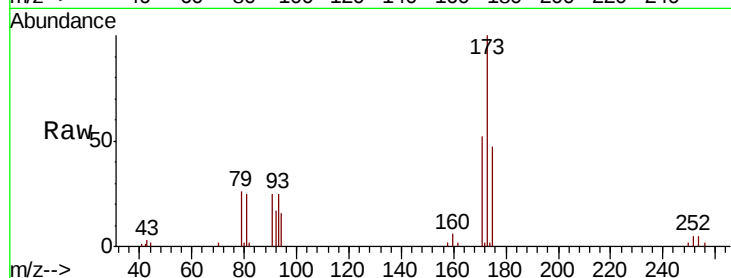
Tot Ion:173 Resp: 24363

Ion Ratio Lower Upper

173 100

175 47.1 23.9 71.7

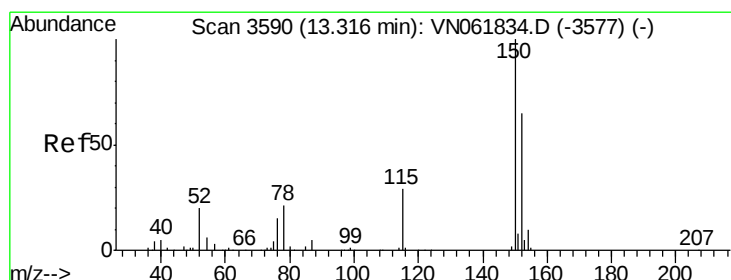
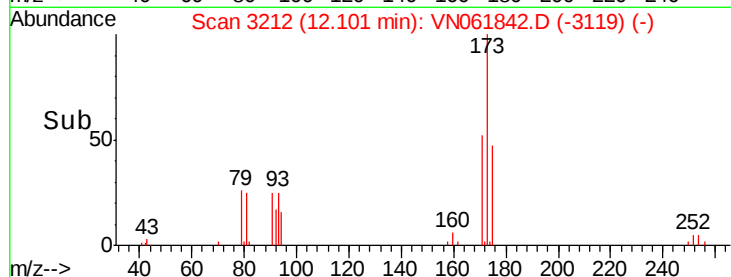
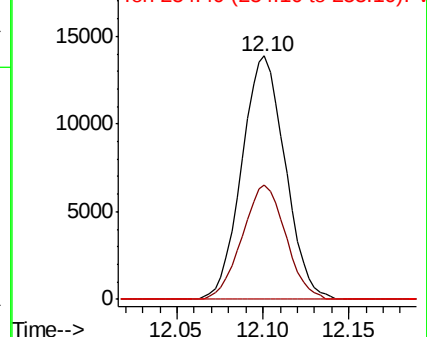
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

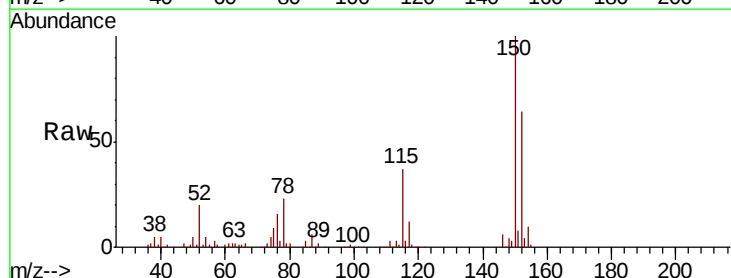
Tgt Ion:152 Resp: 118752

Ion Ratio Lower Upper

152 100

115 57.2 29.1 87.3

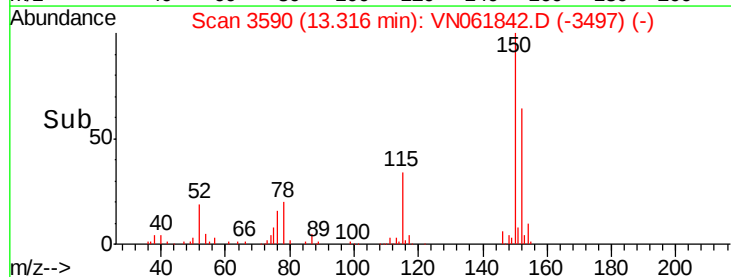
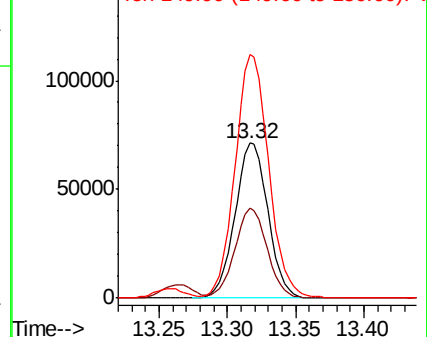
150 160.6 0.0 347.6

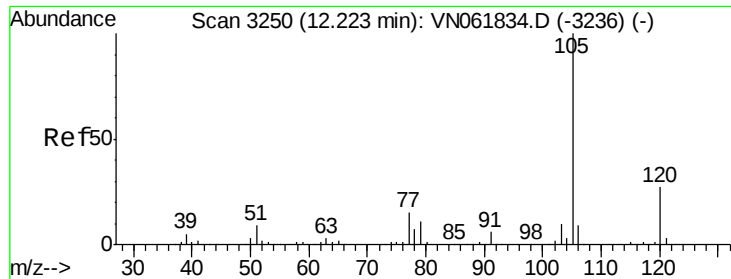


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.770 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleID :

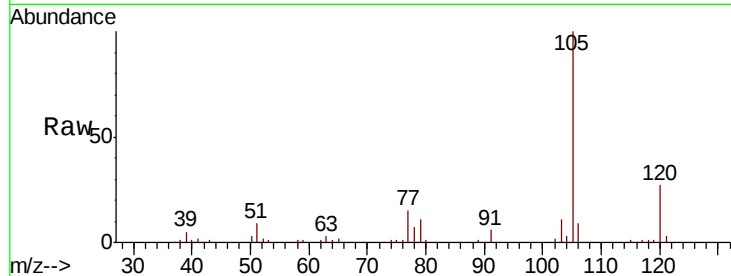
VN0617WBSD01

Tot Ion:105 Resp: 158391

Ion Ratio Lower Upper

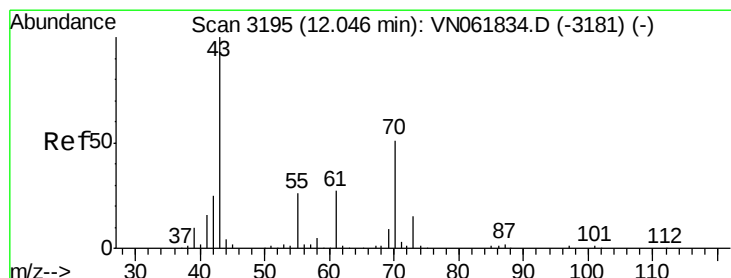
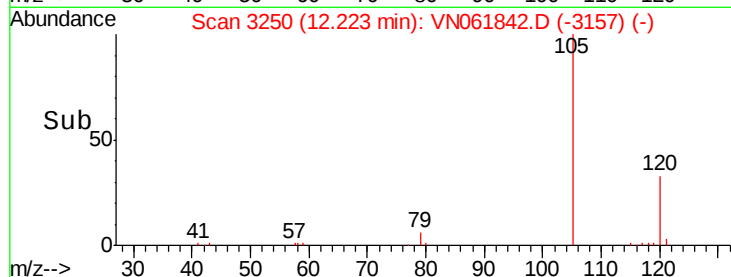
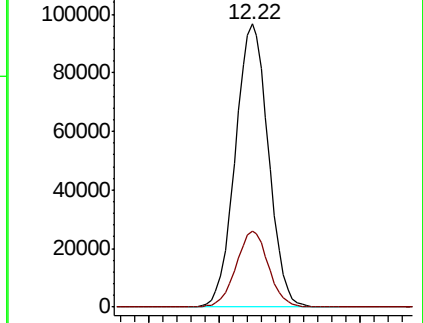
105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.988 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Tgt Ion: 43 Resp: 48586

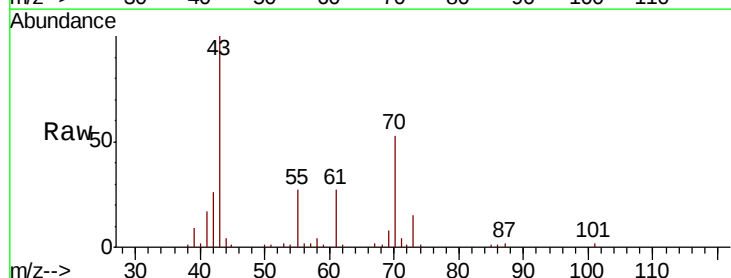
Ion Ratio Lower Upper

43 100

70 51.4 40.6 60.8

55 27.7 21.5 32.3

61 26.3 21.6 32.4

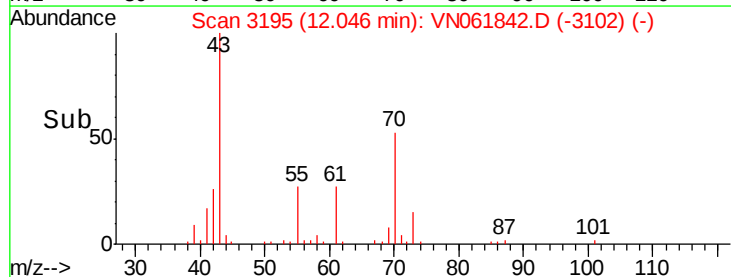
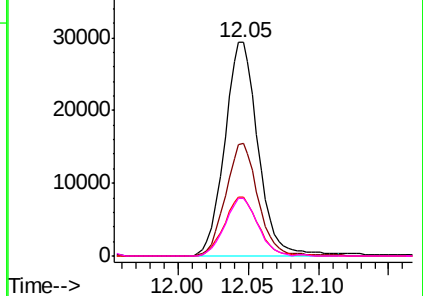


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.080 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

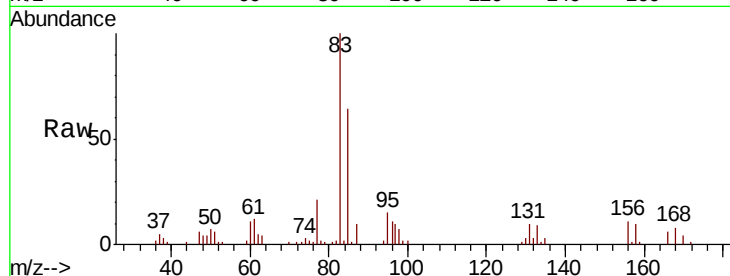
Tot Ion: 83 Resp: 49605

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

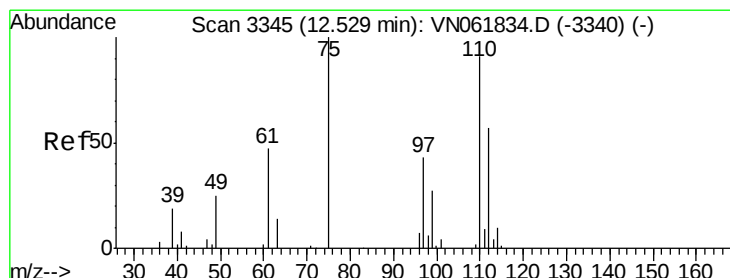
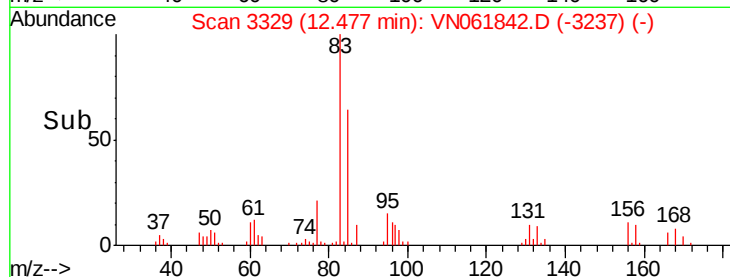
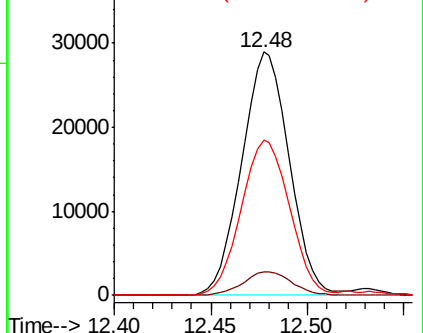
85 64.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN061834.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 25.291 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061842.D

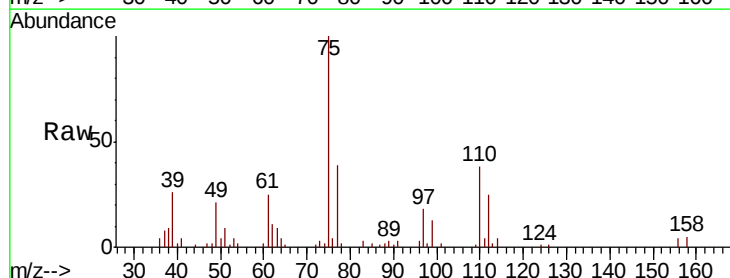
Acq: 17 Jun 2020 12:40

Tgt Ion: 75 Resp: 58963

Ion Ratio Lower Upper

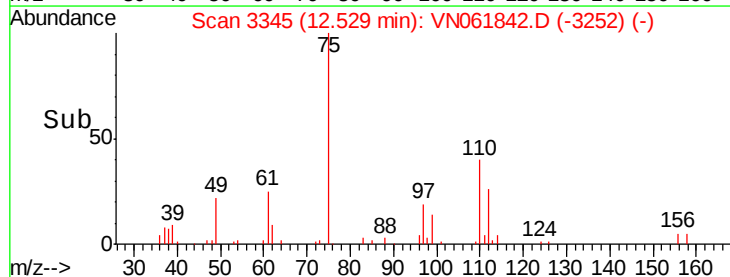
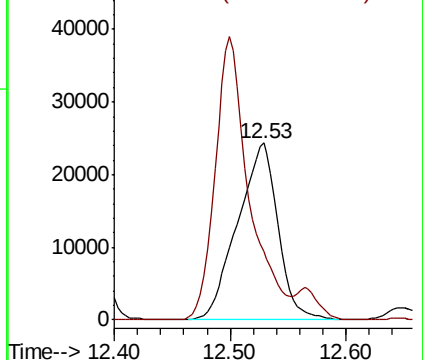
75 100

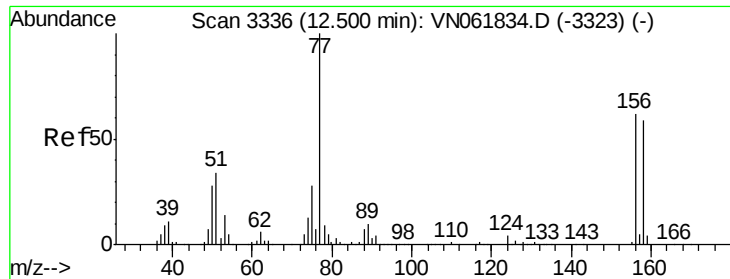
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061834.D (-3340) (-)





#77

Bromobenzene

Concen: 18.754 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

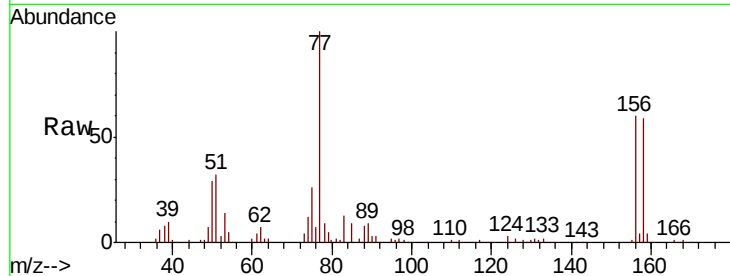
Tot Ion:156 Resp: 39926

Ion Ratio Lower Upper

156 100

77 197.8 100.7 302.1

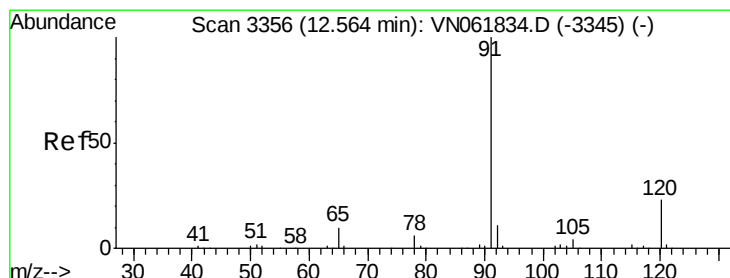
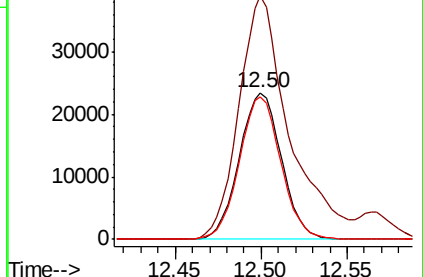
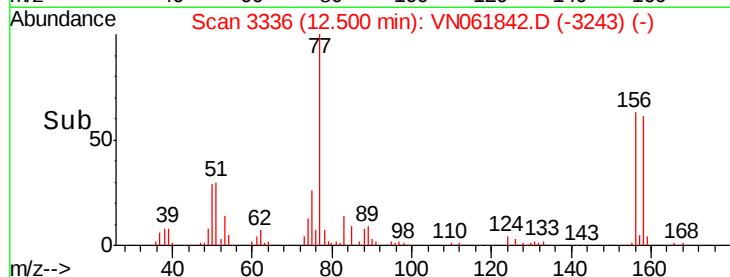
158 95.4 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.551 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061842.D

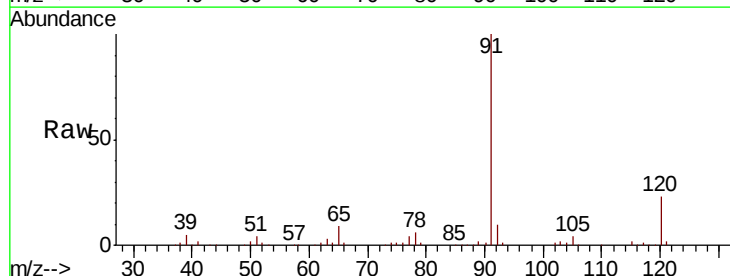
Acq: 17 Jun 2020 12:40

Tgt Ion: 91 Resp: 178630

Ion Ratio Lower Upper

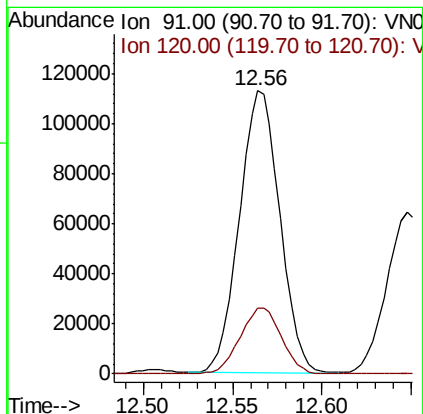
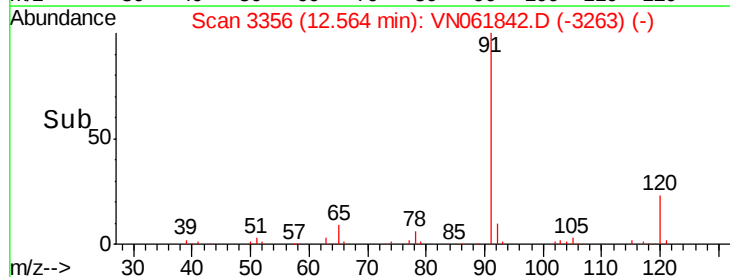
91 100

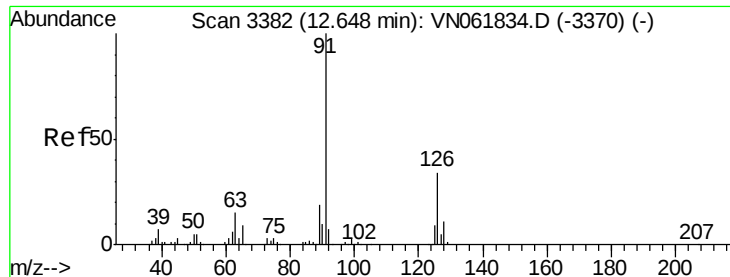
120 24.1 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

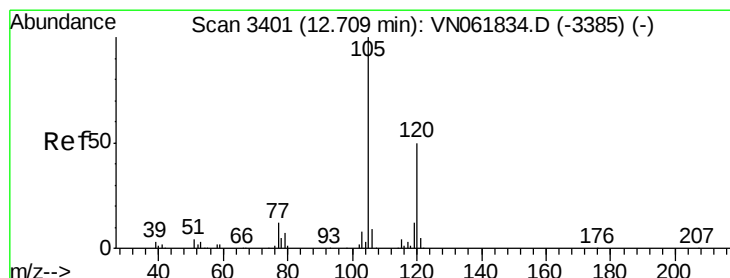
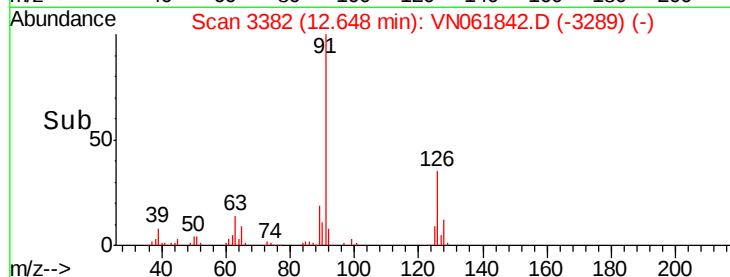
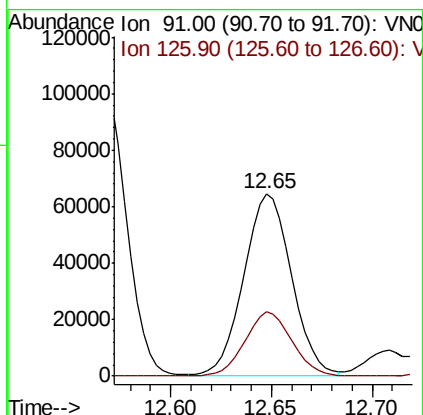
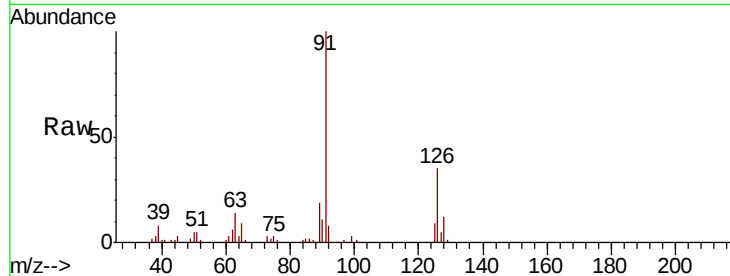




#79
 2-Chlorotoluene
 Concen: 18.348 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

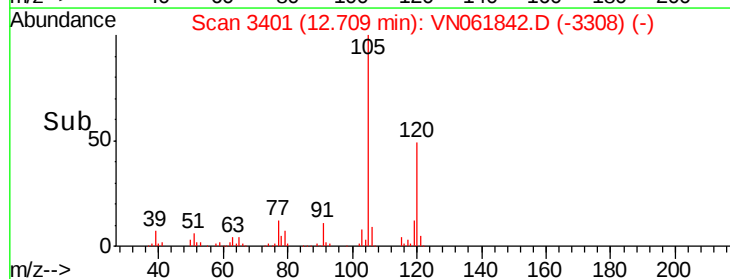
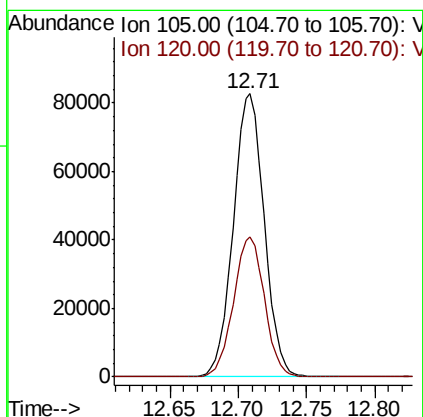
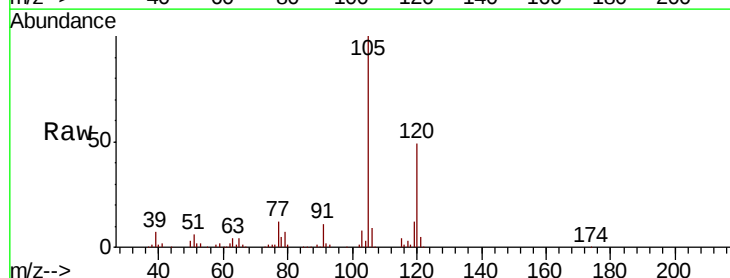
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Tot Ion: 91 Resp: 106108
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.622 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion: 105 Resp: 130011
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 17.229 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

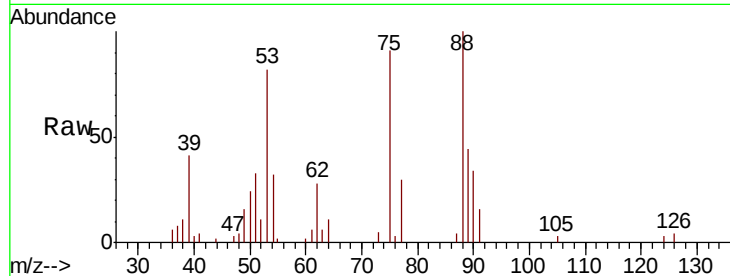
Tot Ion: 75 Resp: 14727

Ion Ratio Lower Upper

75 100

53 91.9 70.4 105.6

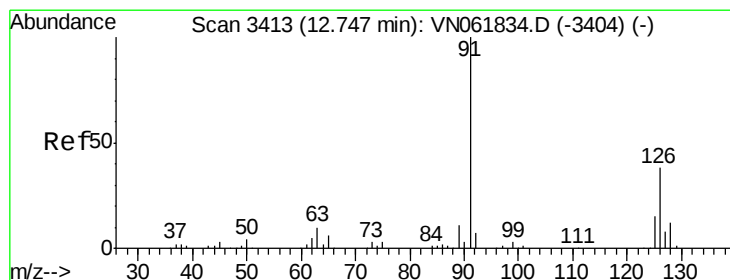
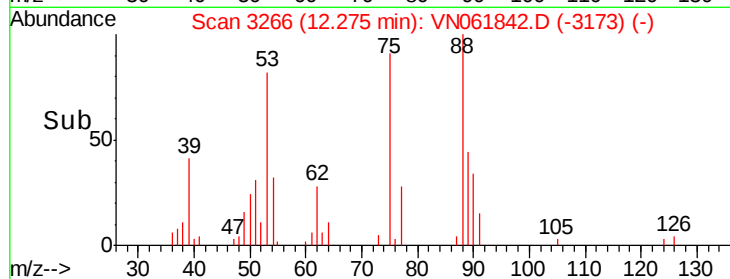
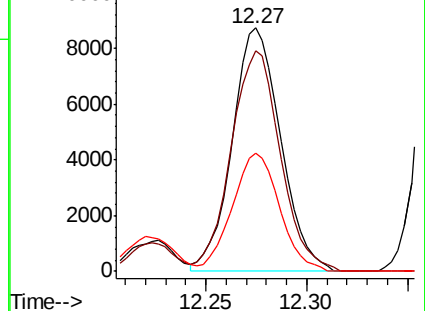
89 47.4 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061834.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061834.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 18.591 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061842.D

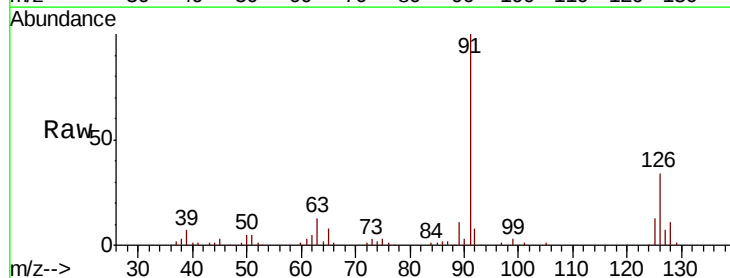
Acq: 17 Jun 2020 12:40

Tgt Ion: 91 Resp: 111094

Ion Ratio Lower Upper

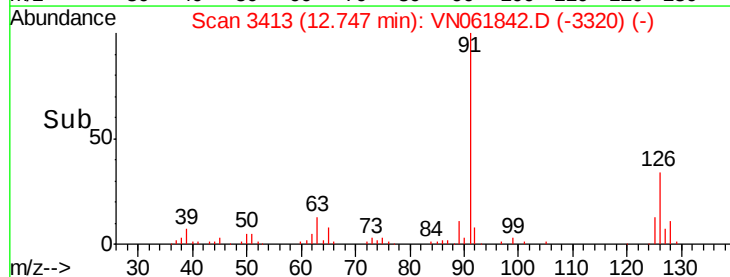
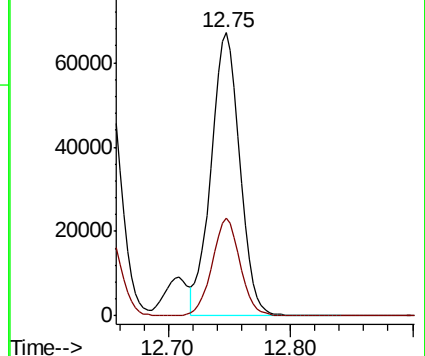
91 100

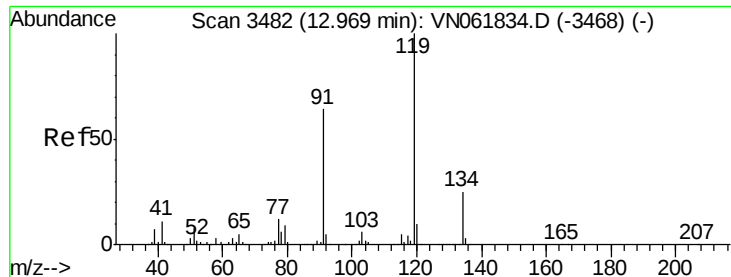
126 33.3 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3404) (-)

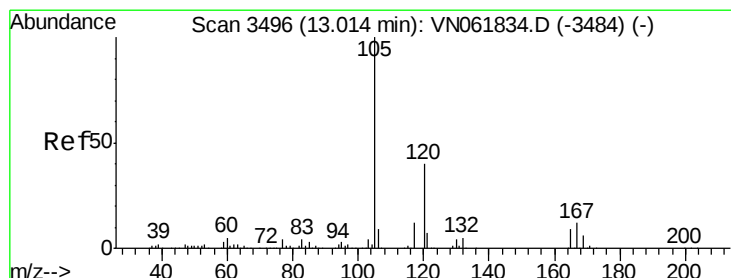
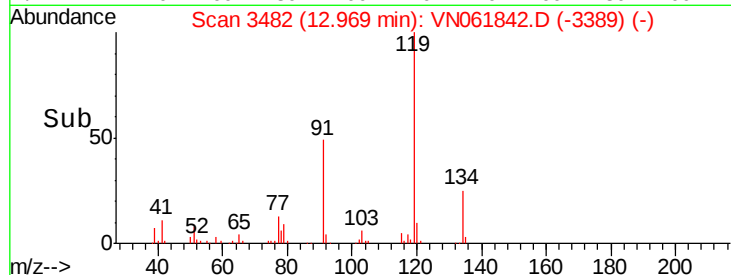
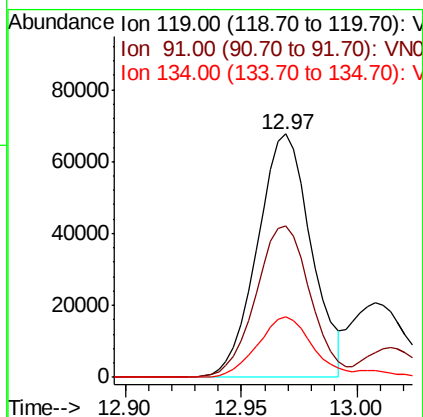
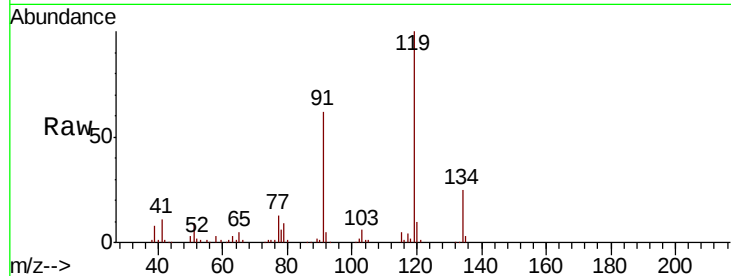




#83
tert-Butylbenzene
Concen: 18.504 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

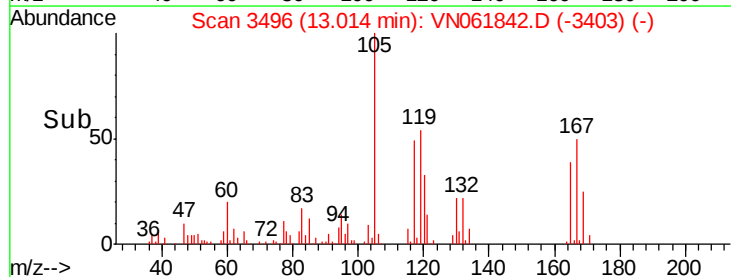
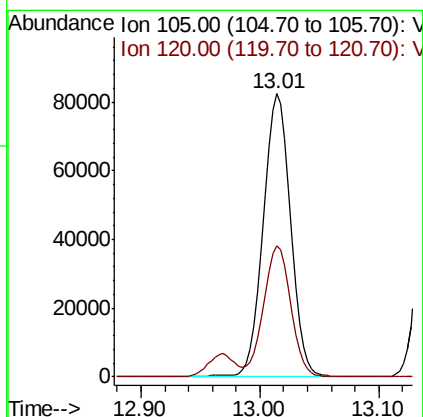
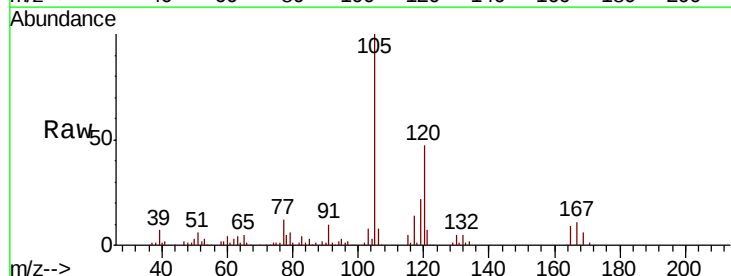
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

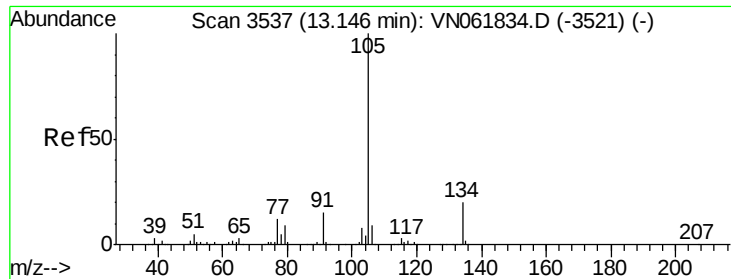
Tot Ion:119 Resp: 109522
Ion Ratio Lower Upper
119 100
91 62.9 31.5 94.5
134 25.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.080 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion:105 Resp: 131495
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.9





#85

sec-Butylbenzene

Concen: 18.482 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

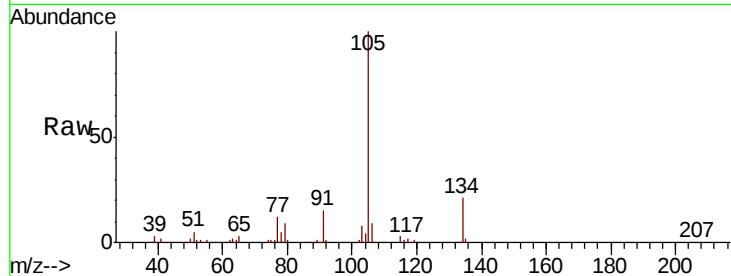
VN0617WBSD01

Tot Ion:105 Resp: 143179

Ion Ratio Lower Upper

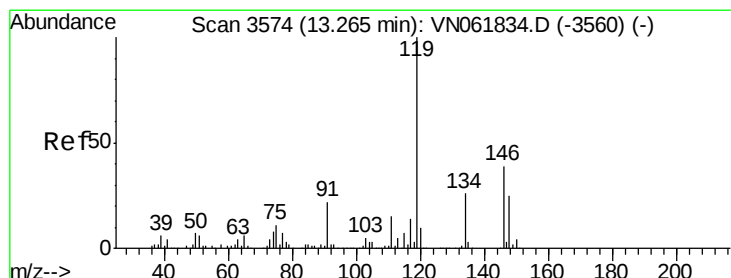
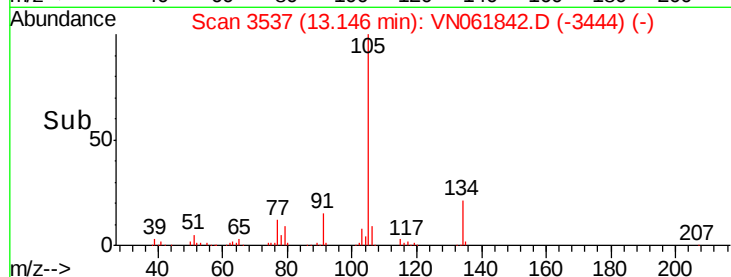
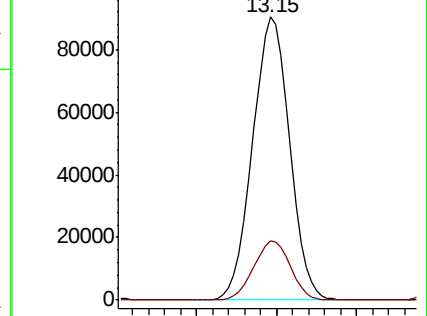
105 100

134 20.6 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.226 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

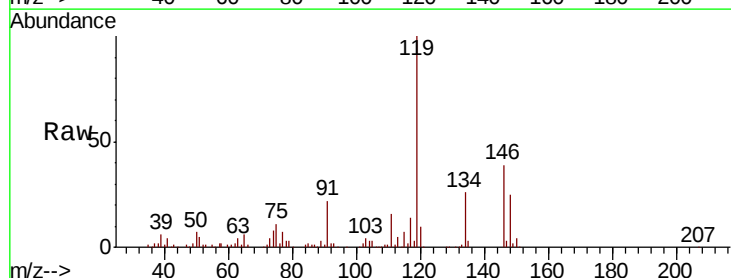
Tgt Ion:119 Resp: 132718

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

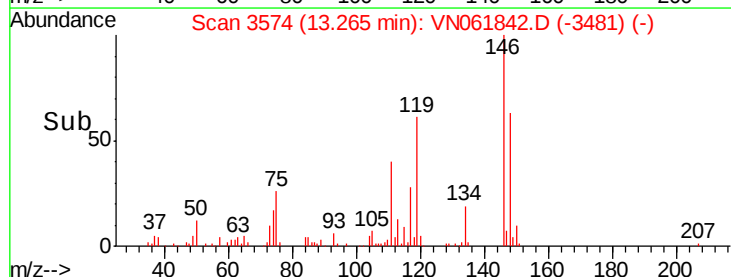
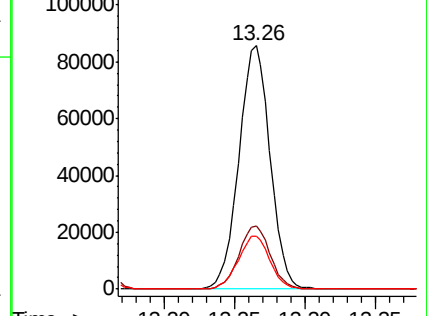
91 22.2 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.161 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

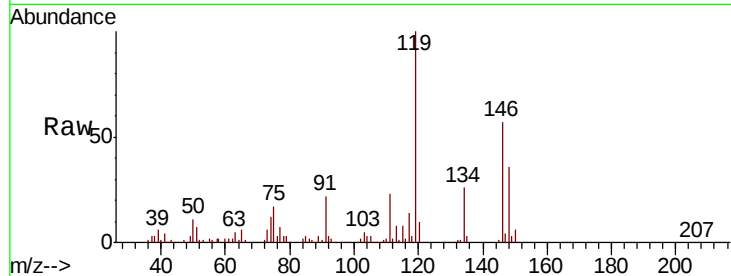
Tot Ion:146 Resp: 70519

Ion Ratio Lower Upper

146 100

111 40.3 19.6 58.8

148 62.2 31.8 95.4

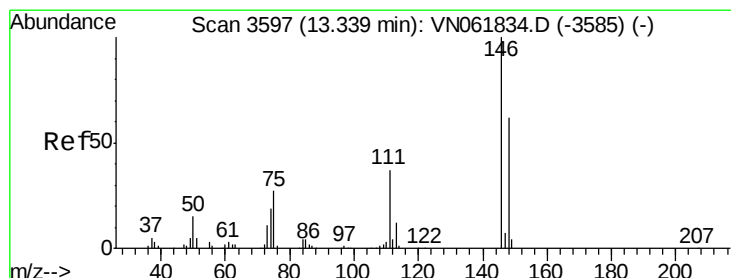
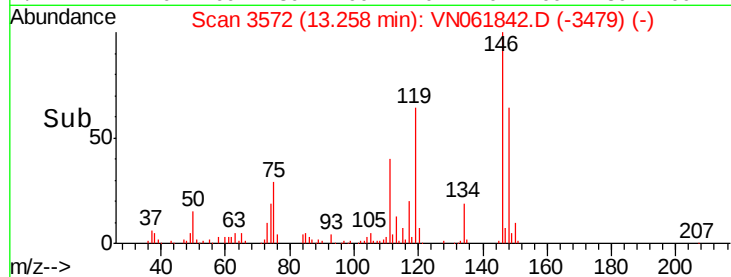
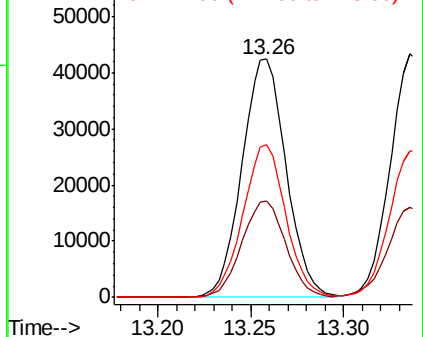


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.777 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

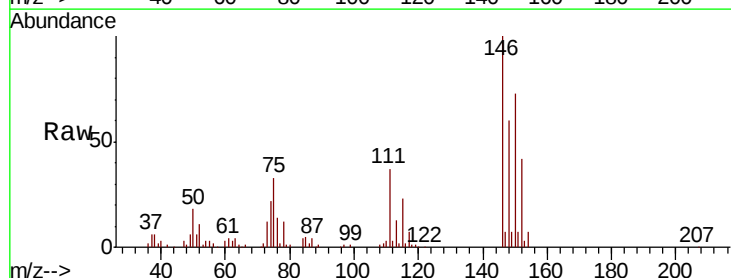
Tgt Ion:146 Resp: 70655

Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.8

148 63.3 31.6 94.7

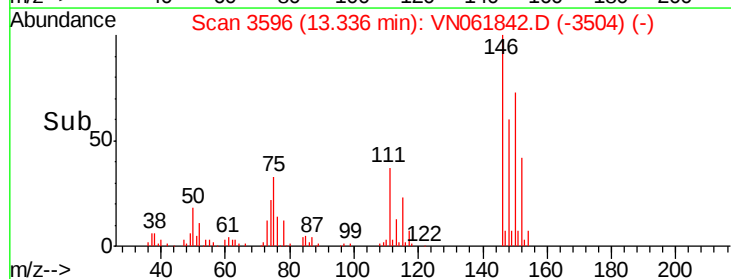
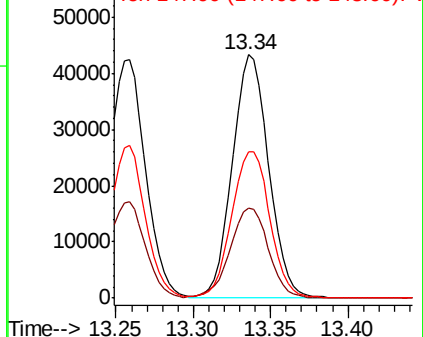


Abundance

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

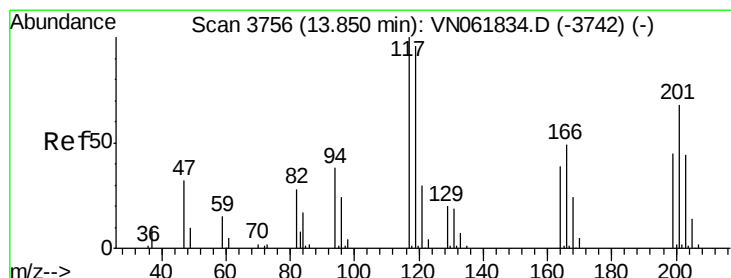
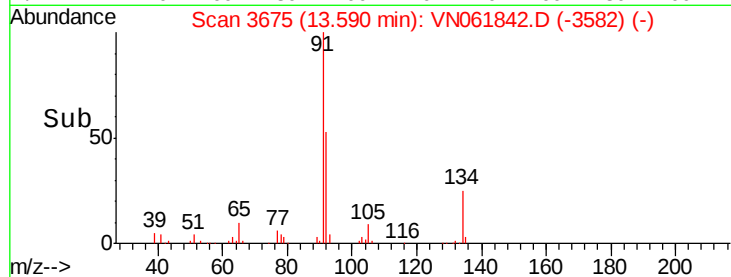
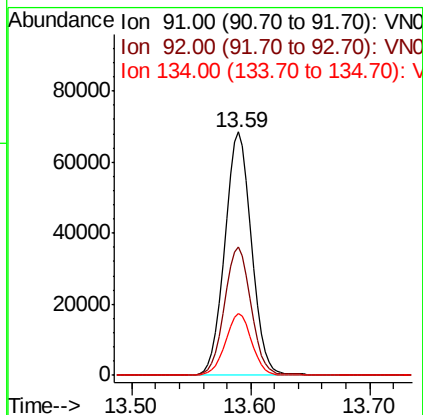
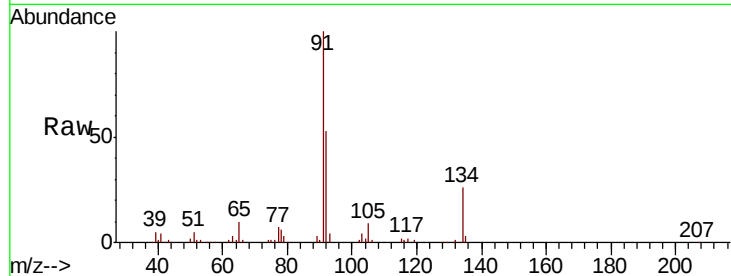




#89
n-Butylbenzene
Concen: 18.427 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

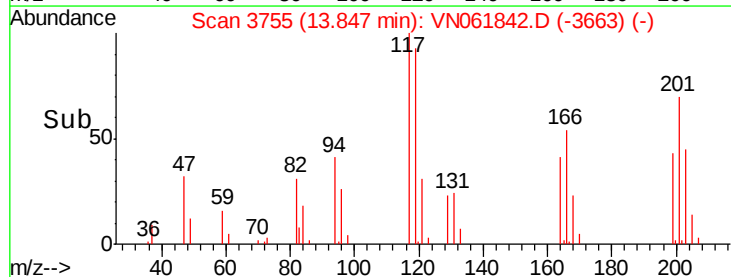
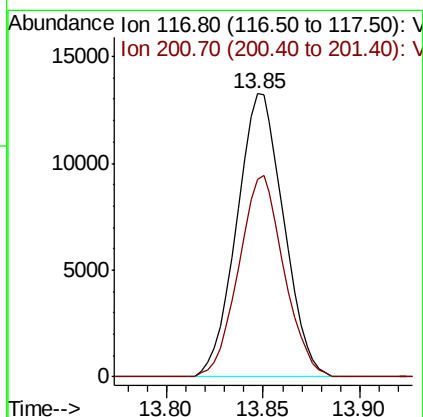
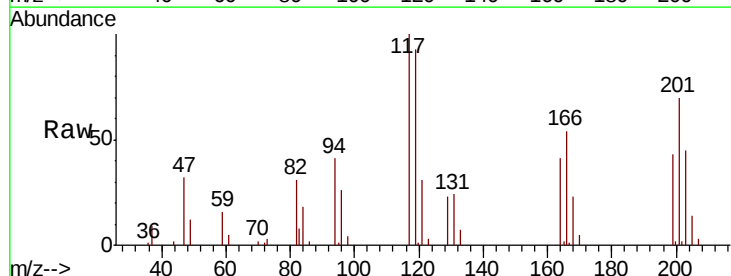
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

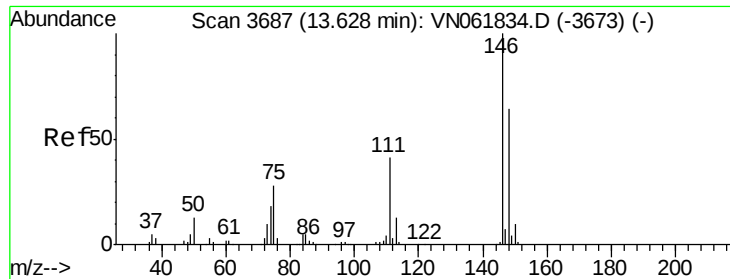
Tot Ion: 91 Resp: 106231
Ion Ratio Lower Upper
91 100
92 52.4 27.0 80.8
134 24.9 13.0 39.0



#90
Hexachloroethane
Concen: 17.666 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion: 117 Resp: 22323
Ion Ratio Lower Upper
117 100
201 68.8 34.6 103.8

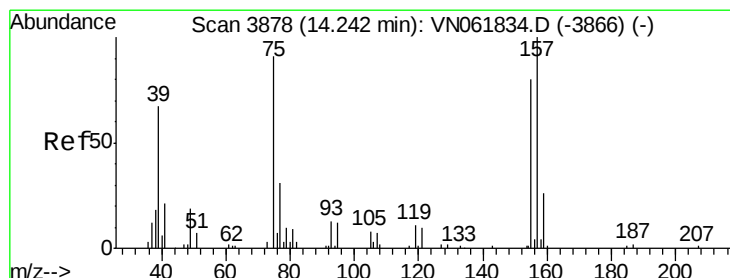
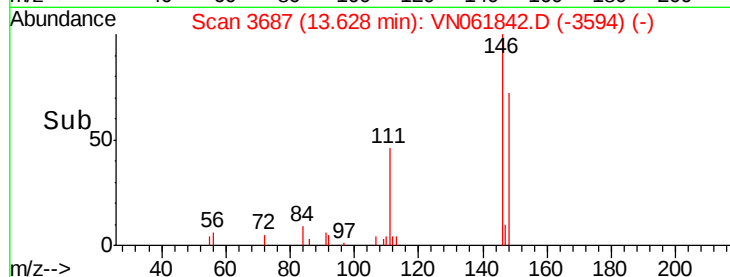
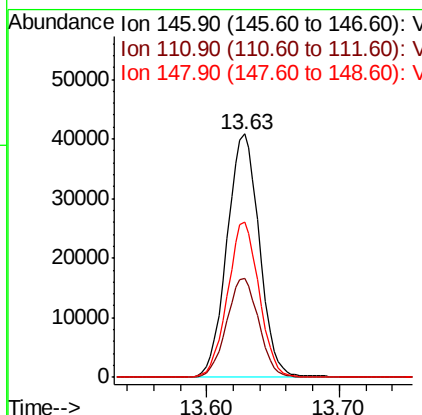
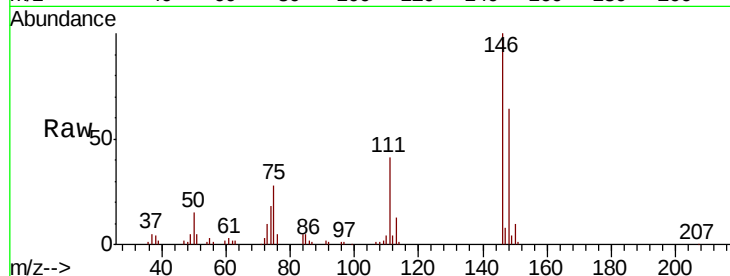




#91
 1,2-Dichlorobenzene
 Concen: 18.563 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

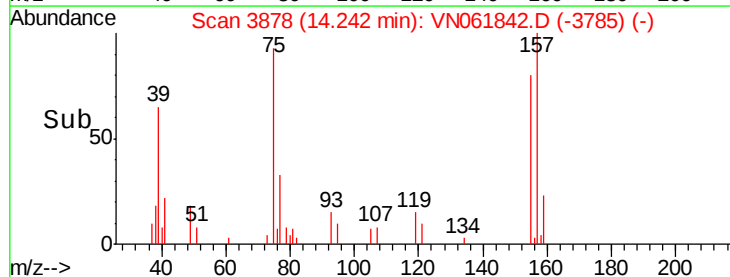
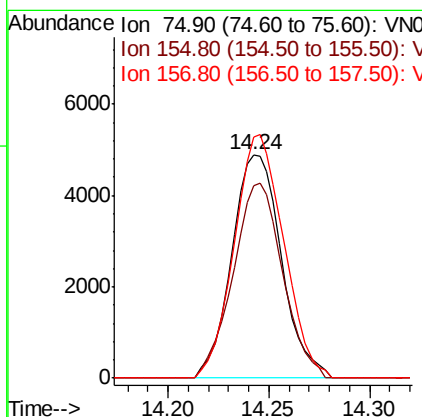
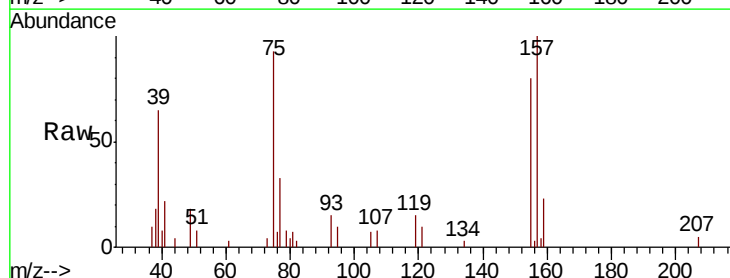
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

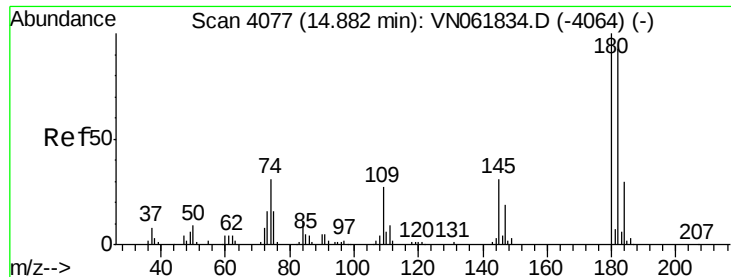
Tot Ion:146 Resp: 69392
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.4 61.2
 148 61.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.884 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion: 75 Resp: 8411
 Ion Ratio Lower Upper
 75 100
 155 87.1 44.4 133.2
 157 108.8 57.0 171.2

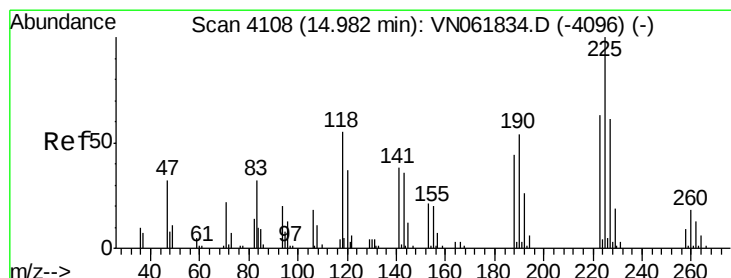
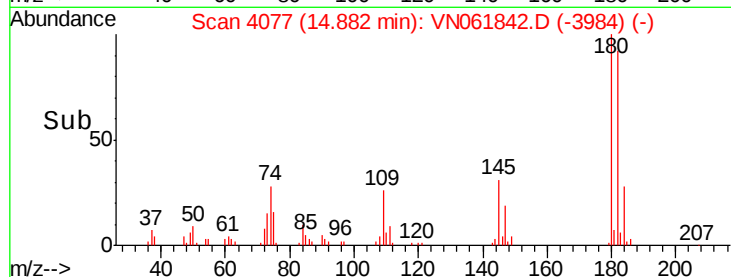
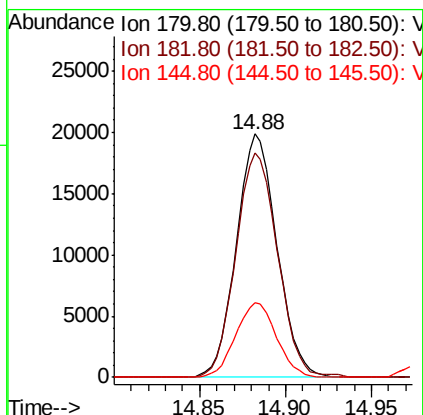
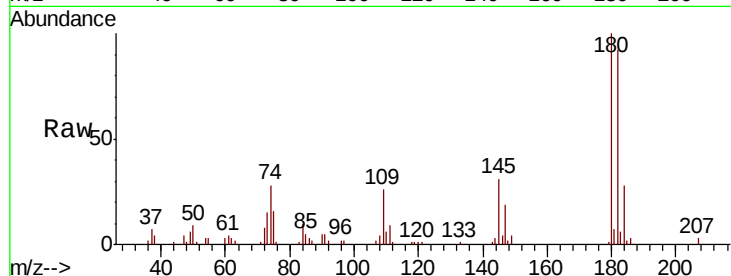




#93
 1,2,4-Trichlorobenzene
 Concen: 18.407 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

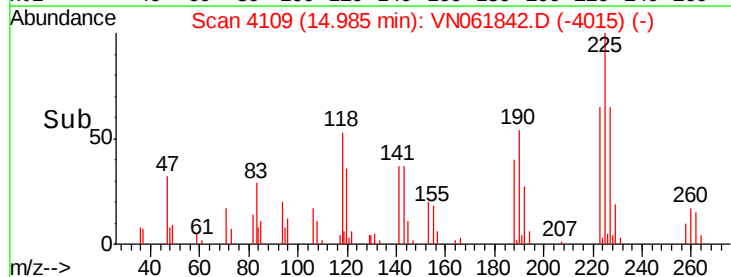
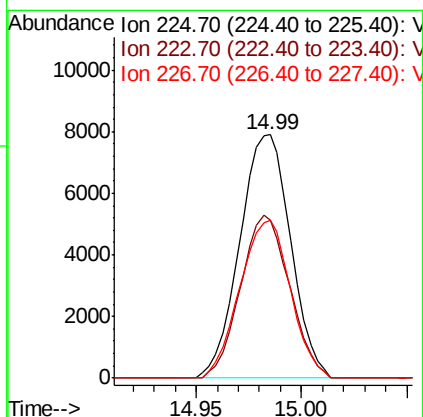
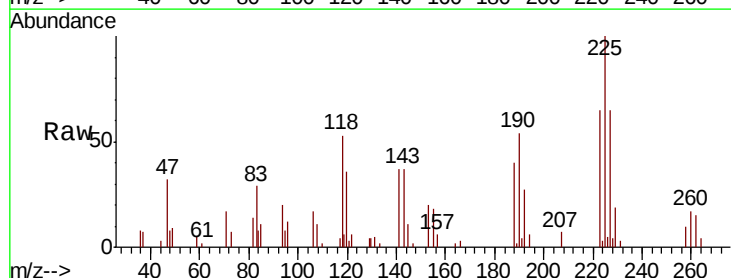
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

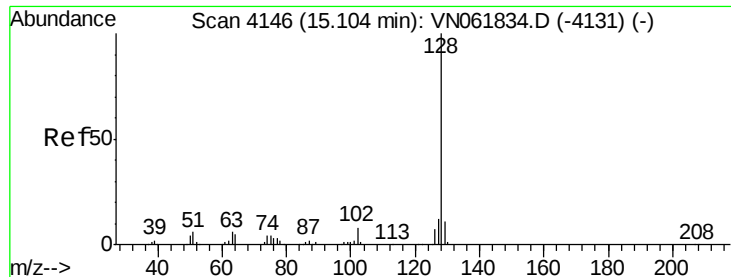
Tot Ion:180 Resp: 32468
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.0 141.2
 145 30.7 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 19.035 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion:225 Resp: 13224
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.7 95.1
 227 64.4 30.1 90.3

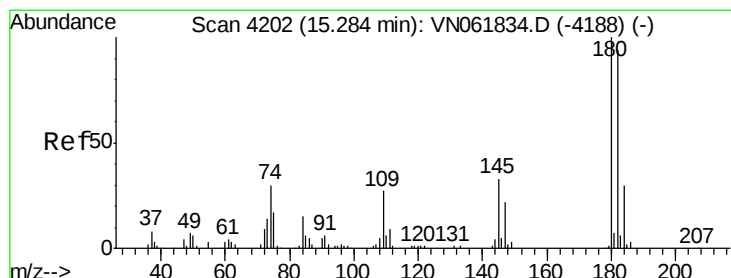
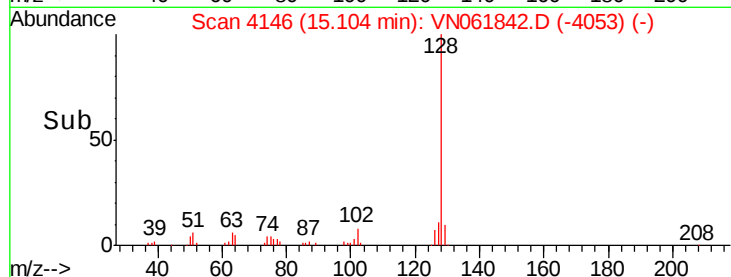
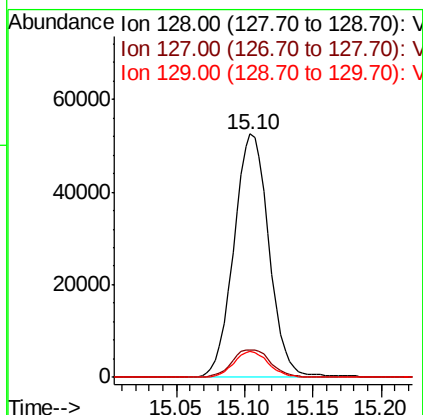
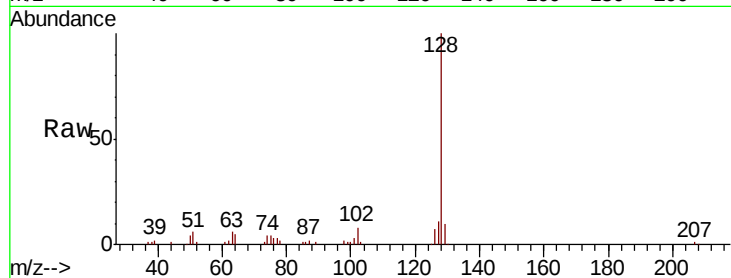




#95
Naphthalene
Concen: 18.273 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion:128 Resp: 93907
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.110 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion:180 Resp: 33384
Ion Ratio Lower Upper
180 100
182 91.4 47.9 143.6
145 31.6 16.5 49.5

