

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061841.D
 Acq On : 17 Jun 2020 12:11
 Operator : JC/MD
 Sample : VN0617WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Quant Time: Jun 18 03:51:35 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	172204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	270549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	111974	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	7.54	113	94956	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.06	98	369853	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.37	95	123200	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45496	20.478	ug/l	97
3) Chloromethane	2.03	50	45848	19.181	ug/l	98
4) Vinyl Chloride	2.16	62	57119	20.045	ug/l	98
5) Bromomethane	2.53	94	40409	18.467	ug/l	97
6) Chloroethane	2.67	64	37298	19.340	ug/l	98
7) Trichlorofluoromethane	2.98	101	62907	18.482	ug/l	97
8) Diethyl Ether	3.37	74	21885	19.126	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	34672	19.856	ug/l	99
10) Methyl Iodide	3.91	142	37912	21.394	ug/l	99
11) Tert butyl alcohol	4.73	59	30054	94.039	ug/l	99
12) 1,1-Dichloroethene	3.69	96	34552	19.748	ug/l	96
13) Acrolein	3.56	56	15231	79.739	ug/l	98
14) Allyl chloride	4.27	41	44475	19.152	ug/l	100
15) Acrylonitrile	4.92	53	74868	94.543	ug/l	99
16) Acetone	3.77	43	67466	98.897	ug/l	97
17) Carbon Disulfide	4.01	76	99009	19.339	ug/l	99
18) Methyl Acetate	4.27	43	36098	18.380	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	110909	19.038	ug/l	96
20) Methylene Chloride	4.50	84	40031	18.011	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	39028	19.420	ug/l	92
22) Diisopropyl ether	5.90	45	99675	18.768	ug/l	98
23) Vinyl Acetate	5.84	43	390477	93.480	ug/l	99
24) 1,1-Dichloroethane	5.80	63	63944	18.392	ug/l	99
25) 2-Butanone	6.78	43	94070	94.513	ug/l	98
26) 2,2-Dichloropropane	6.77	77	57749	19.743	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	43125	18.597	ug/l	98
28) Bromochloromethane	7.15	49	30569	19.748	ug/l	99
29) Tetrahydrofuran	7.17	42	59647	91.061	ug/l	99
30) Chloroform	7.33	83	68503	18.436	ug/l	99
31) Cyclohexane	7.61	56	56124	18.441	ug/l	# 96
32) 1,1,1-Trichloroethane	7.53	97	58908	18.616	ug/l	99
36) 1,1-Dichloropropene	7.75	75	51289	19.097	ug/l	98
37) Ethyl Acetate	6.88	43	41290	19.687	ug/l	96
38) Carbon Tetrachloride	7.73	117	50216	18.881	ug/l	95

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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	58446	20.210	ug/l	98
40) Benzene	8.00	78	156002	19.175	ug/l	99
41) Methacrylonitrile	7.17	41	55284	61.644	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	53307	19.216	ug/l	100
43) Isopropyl Acetate	8.12	43	67438	19.080	ug/l #	91
44) Trichloroethene	8.80	130	41687	19.470	ug/l	98
45) 1,2-Dichloropropane	9.08	63	37695	18.854	ug/l	99
46) Dibromomethane	9.18	93	26908	19.112	ug/l	98
47) Bromodichloromethane	9.37	83	53905	18.698	ug/l	97
48) Methyl methacrylate	9.17	41	29294	18.225	ug/l	98
49) 1,4-Dioxane	9.17	88	14942	404.907	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	196470	94.067	ug/l	99
52) Toluene	10.12	92	100183	19.607	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	57752	18.870	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	65088	19.580	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	39070	19.435	ug/l	99
56) Ethyl methacrylate	10.40	69	51595	18.729	ug/l	99
57) 1,3-Dichloropropane	10.68	76	64277	18.873	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	104139	98.155	ug/l	100
59) 2-Hexanone	10.72	43	141792	93.825	ug/l	99
60) Dibromochloromethane	10.87	129	42450	18.924	ug/l	99
61) 1,2-Dibromoethane	10.98	107	39811	18.965	ug/l	98
64) Tetrachloroethene	10.60	164	35858	20.795	ug/l	99
65) Chlorobenzene	11.40	112	108968	19.088	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	39737	19.958	ug/l	98
67) Ethyl Benzene	11.48	91	185024	19.330	ug/l	99
68) m/p-Xylenes	11.59	106	144952	39.274	ug/l	100
69) o-Xylene	11.92	106	68482	19.446	ug/l	99
70) Styrene	11.94	104	112941	19.154	ug/l	100
71) Bromoform	12.10	173	27590	19.005	ug/l #	98
73) Isopropylbenzene	12.22	105	177942	19.589	ug/l	98
74) N-amyl acetate	12.05	43	56127	19.081	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	54414	18.425	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	67422	26.866	ug/l #	100
77) Bromobenzene	12.50	156	44900	19.593	ug/l	96
78) n-propylbenzene	12.56	91	200698	19.364	ug/l	99
79) 2-Chlorotoluene	12.65	91	119237	19.155	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	147526	19.631	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	17346	18.852	ug/l	99
82) 4-Chlorotoluene	12.75	91	124607	19.372	ug/l	99
83) tert-Butylbenzene	12.97	119	123391	19.368	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	148760	20.053	ug/l	100
85) sec-Butylbenzene	13.15	105	165314	19.824	ug/l	100
86) p-Isopropyltoluene	13.26	119	151150	20.341	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	79123	18.930	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	78543	18.358	ug/l	99
89) n-Butylbenzene	13.59	91	121859	19.637	ug/l	98
90) Hexachloroethane	13.85	117	26004	19.118	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	77220	19.191	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8785	18.323	ug/l	98

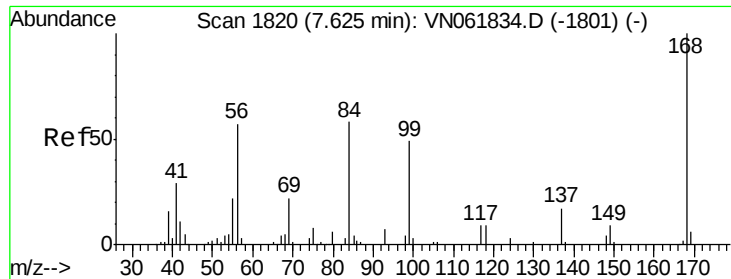
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	36648	19.301	ug/l	99
94) Hexachlorobutadiene	14.98	225	15298	20.457	ug/l	96
95) Naphthalene	15.10	128	102349	18.458	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	36454	19.386	ug/l	99

(#) = 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: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

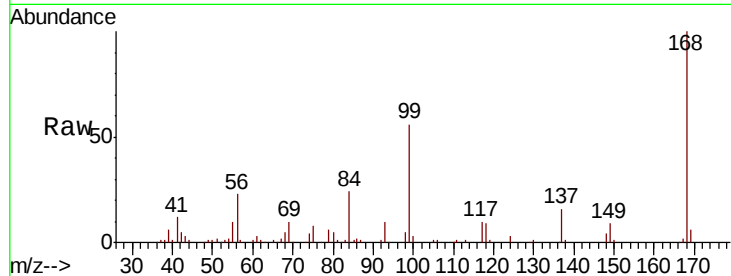
VN0617WBS01

Tot Ion:168 Resp: 172204

Ion Ratio Lower Upper

168 100

99 55.3 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

60000

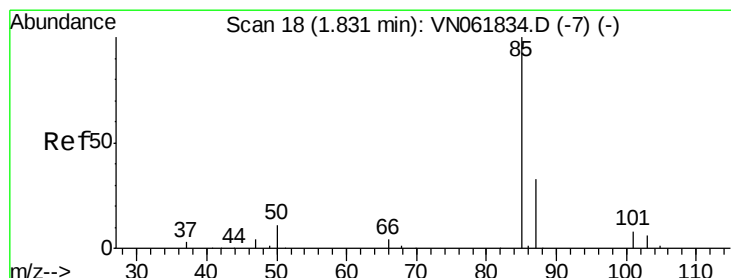
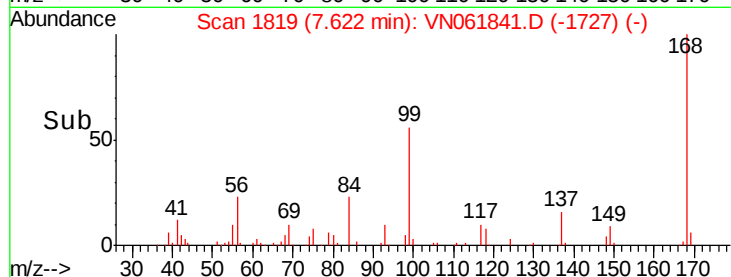
40000

20000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.478 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061841.D

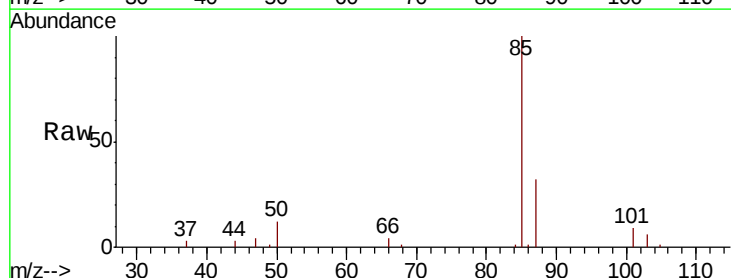
Acq: 17 Jun 2020 12:11

Tgt Ion: 85 Resp: 45496

Ion Ratio Lower Upper

85 100

87 31.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

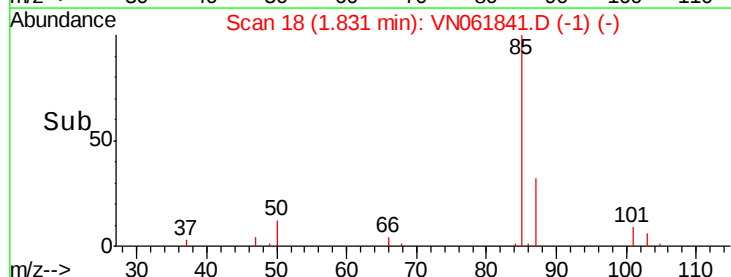
20000

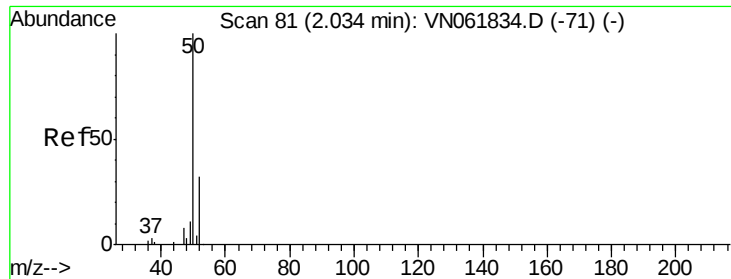
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 19.181 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

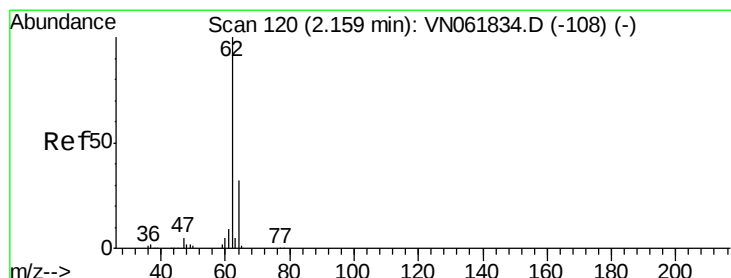
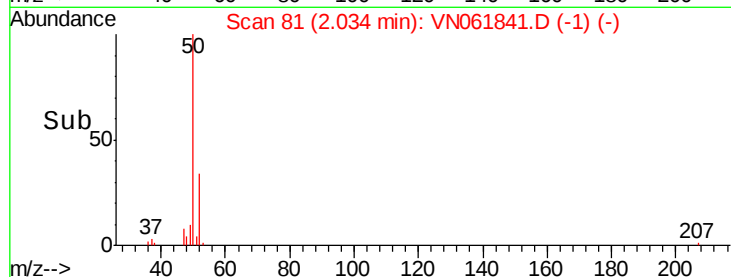
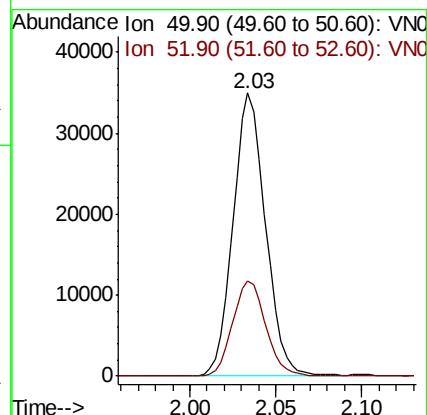
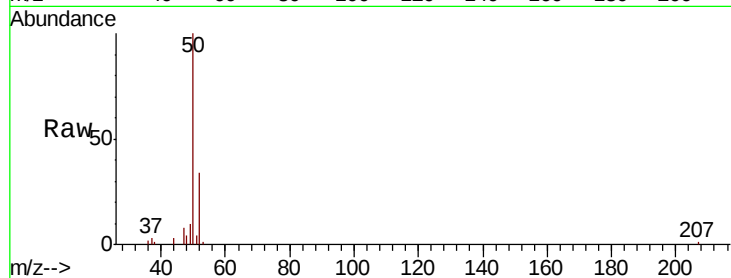
VN0617WBS01

Tot Ion: 50 Resp: 45848

Ion Ratio Lower Upper

50 100

52 33.8 26.0 39.0



#4

Vinyl Chloride

Concen: 20.045 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061841.D

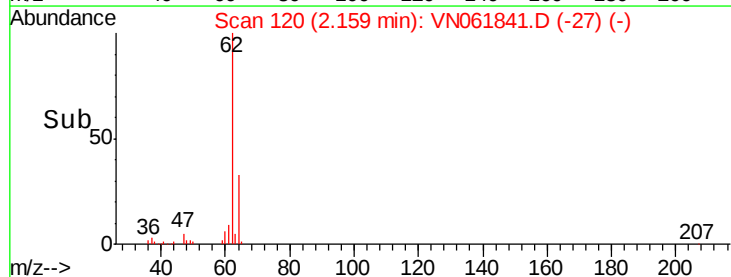
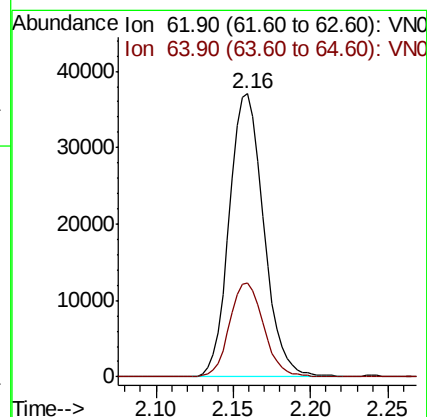
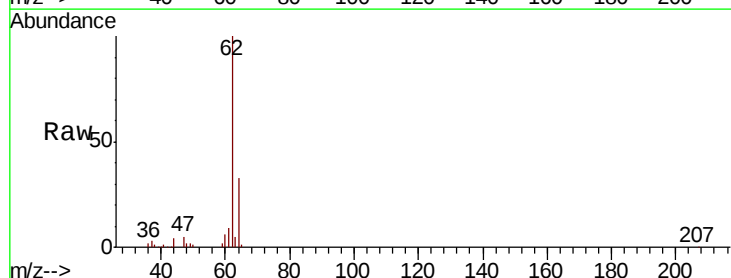
Acq: 17 Jun 2020 12:11

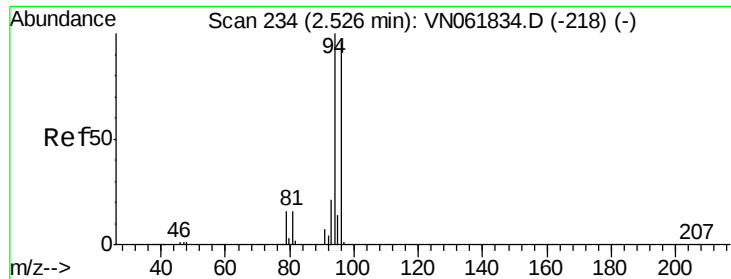
Tgt Ion: 62 Resp: 57119

Ion Ratio Lower Upper

62 100

64 33.1 25.5 38.3





#5

Bromomethane

Concen: 18.467 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

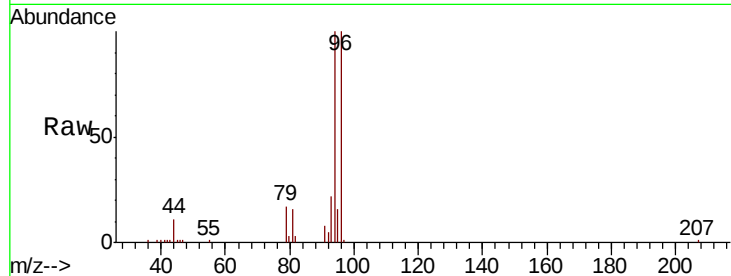
VN0617WBS01

Tot Ion: 94 Resp: 40409

Ion Ratio Lower Upper

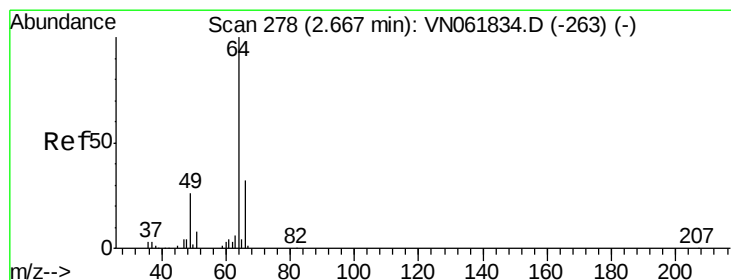
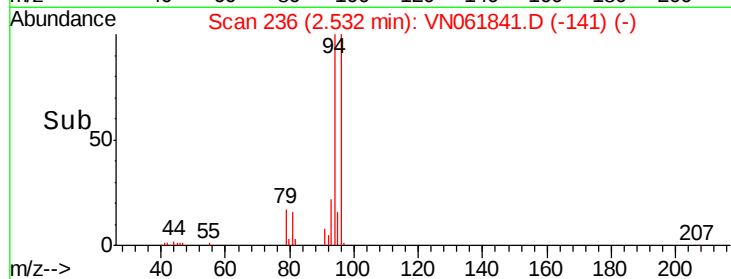
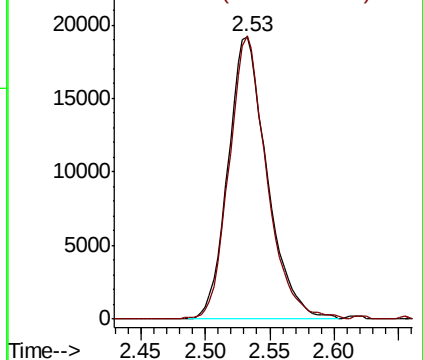
94 100

96 99.3 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.340 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061841.D

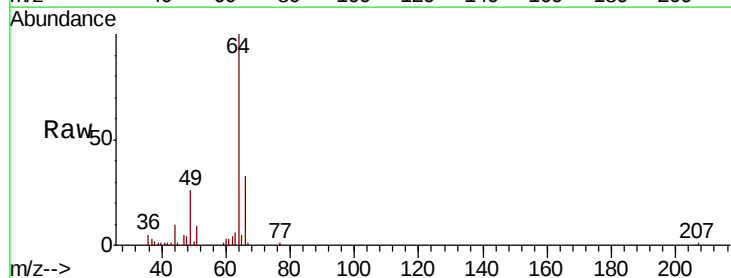
Acq: 17 Jun 2020 12:11

Tgt Ion: 64 Resp: 37298

Ion Ratio Lower Upper

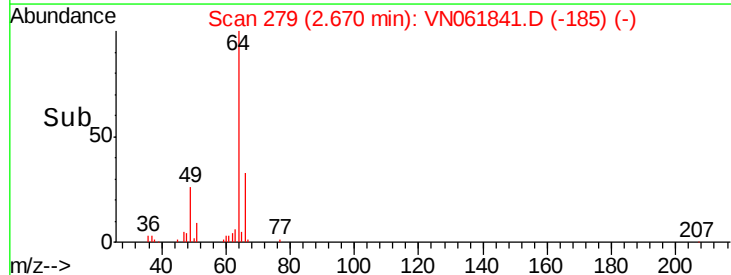
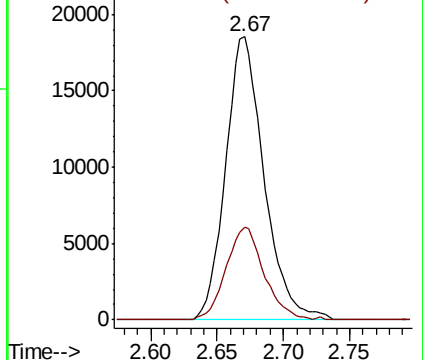
64 100

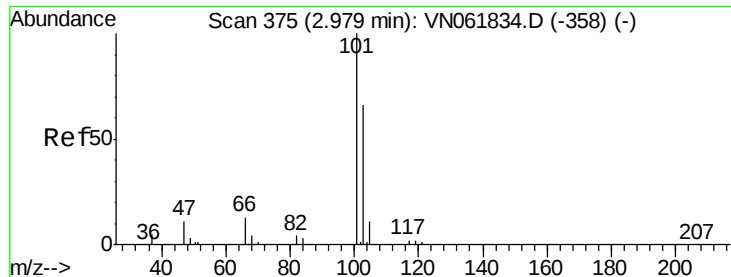
66 32.8 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



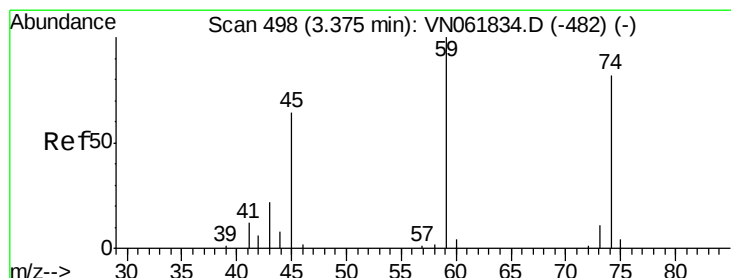
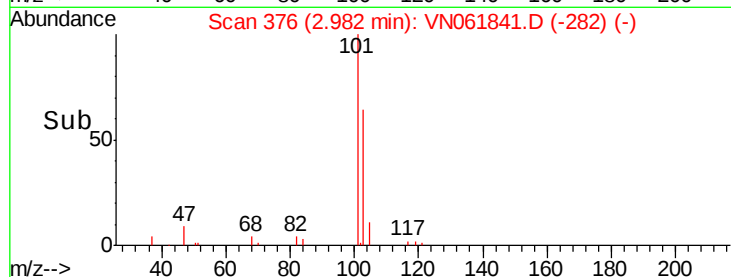
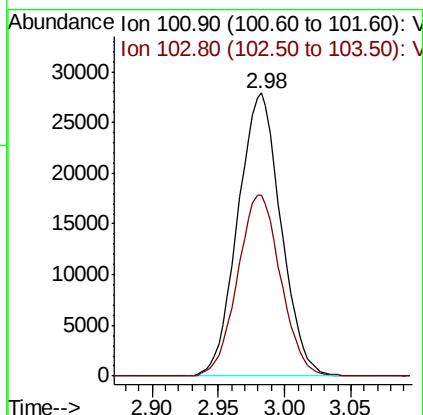
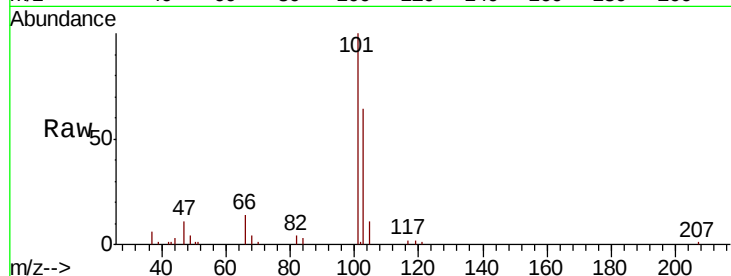


#7

Trichlorofluoromethane
 Concen: 18.482 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Instrument :
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 VN0617WBS01

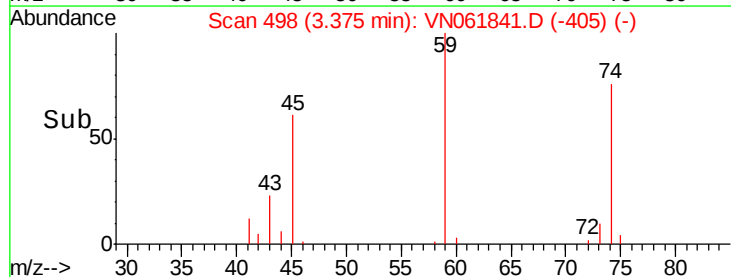
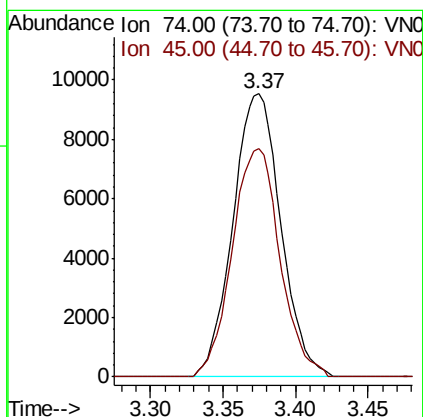
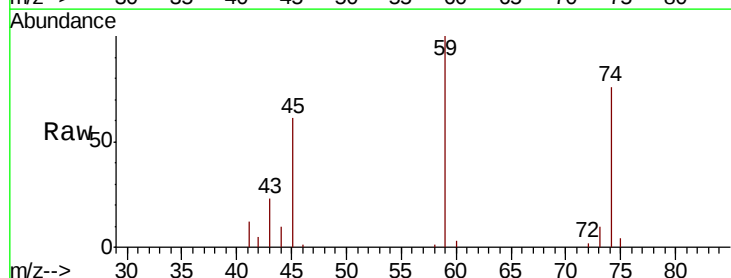
Tot Ion:101 Resp: 62907
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.8 79.2

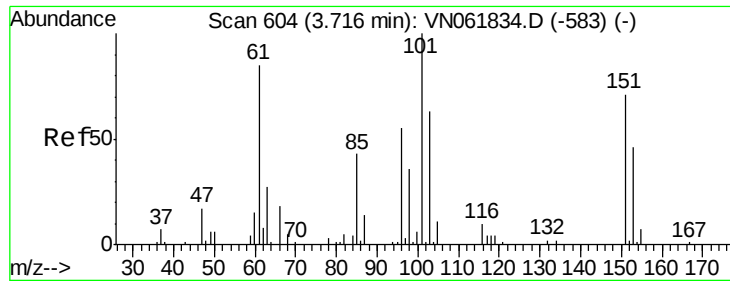


#8

Diethyl Ether
 Concen: 19.126 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion: 74 Resp: 21885
 Ion Ratio Lower Upper
 74 100
 45 80.5 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.856 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

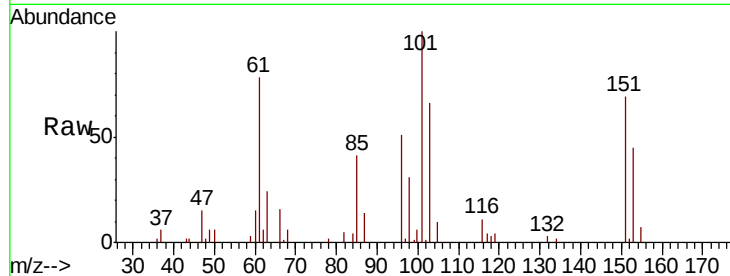
Tot Ion:101 Resp: 34672

Ion Ratio Lower Upper

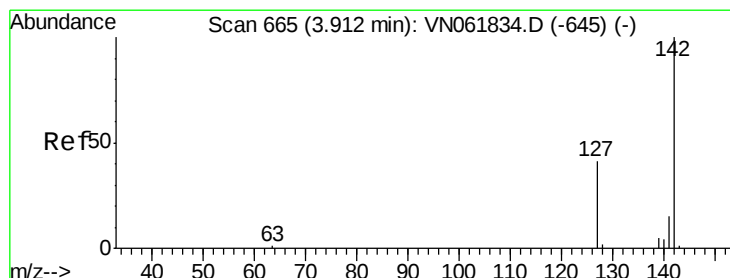
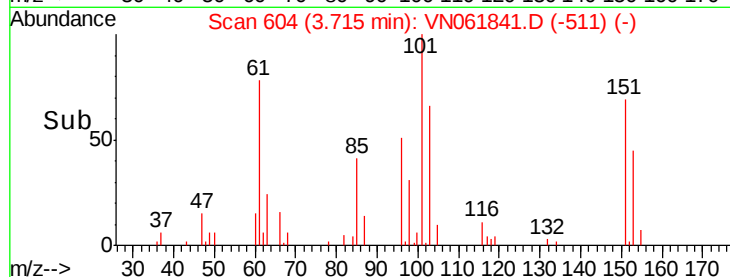
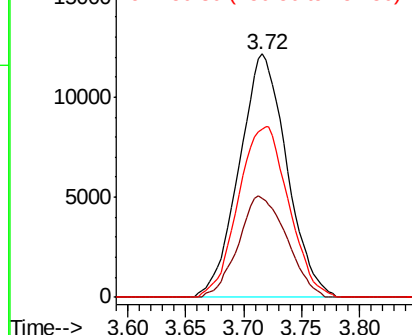
101 100

85 42.3 35.0 52.6

151 74.3 59.2 88.8



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



#10

Methyl Iodide

Concen: 21.394 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

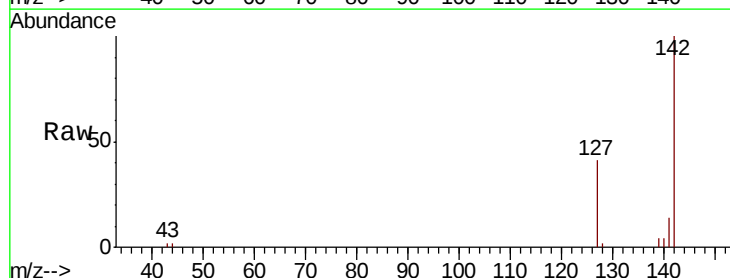
Tgt Ion:142 Resp: 37912

Ion Ratio Lower Upper

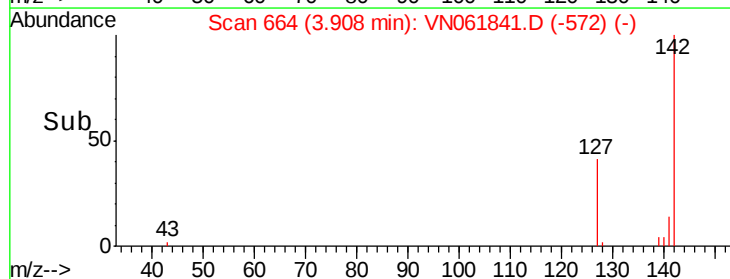
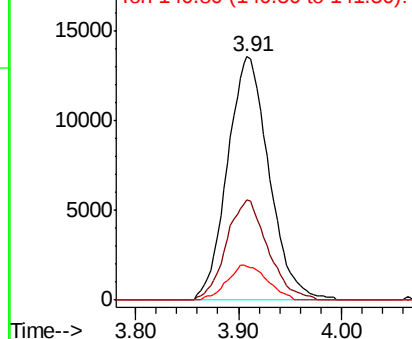
142 100

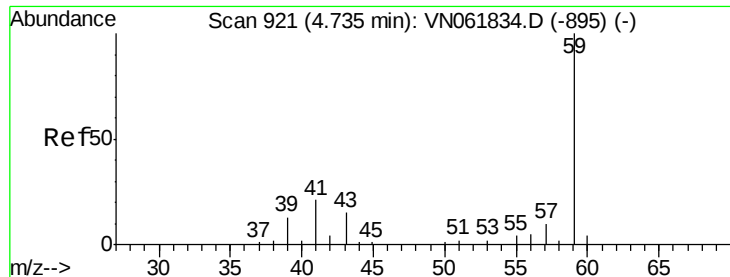
127 41.0 33.4 50.0

141 13.8 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

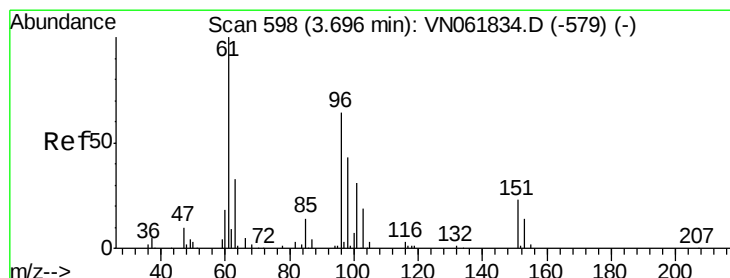
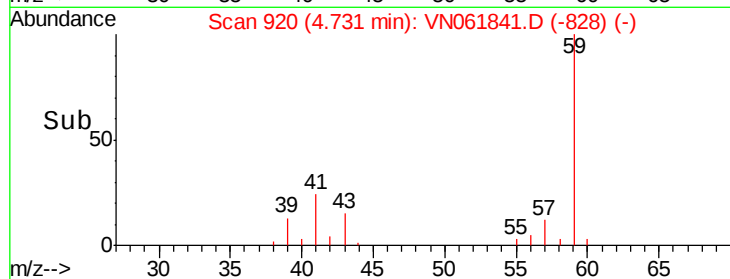
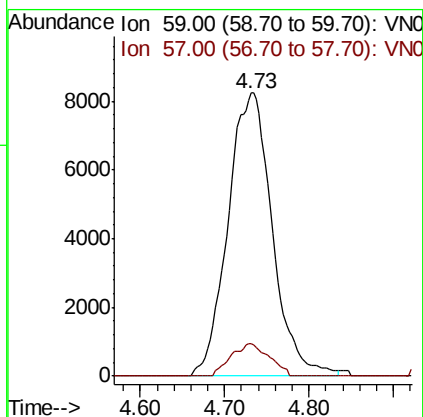
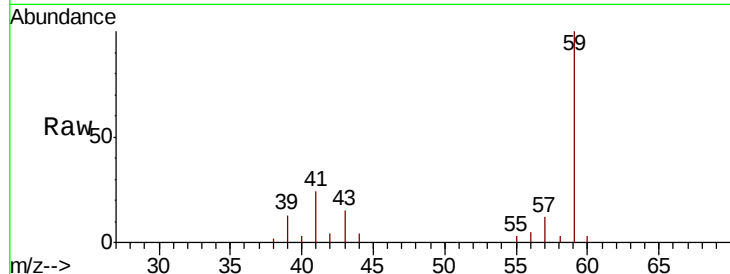




#11
Tert butyl alcohol
Concen: 94.039 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

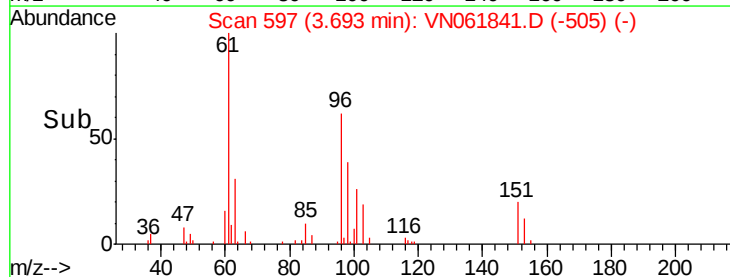
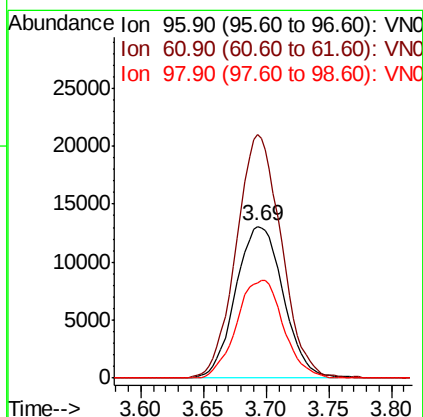
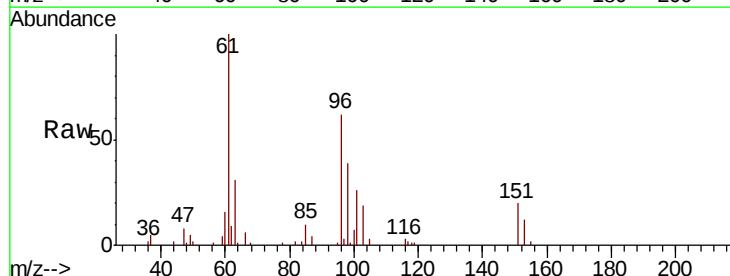
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

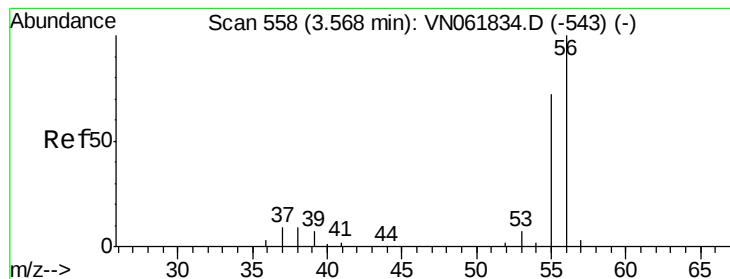
Tot Ion: 59 Resp: 30054
Ion Ratio Lower Upper
59 100
57 9.9 7.7 11.5



#12
1,1-Dichloroethene
Concen: 19.748 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion: 96 Resp: 34552
Ion Ratio Lower Upper
96 100
61 160.1 124.3 186.5
98 62.9 53.1 79.7





#13

Acrolein

Concen: 79.739 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

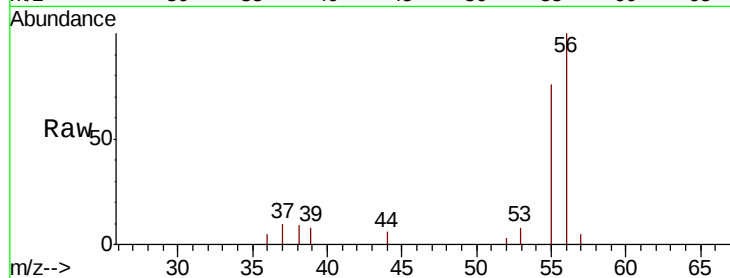
VN0617WBS01

Tot Ion: 56 Resp: 15231

Ion Ratio Lower Upper

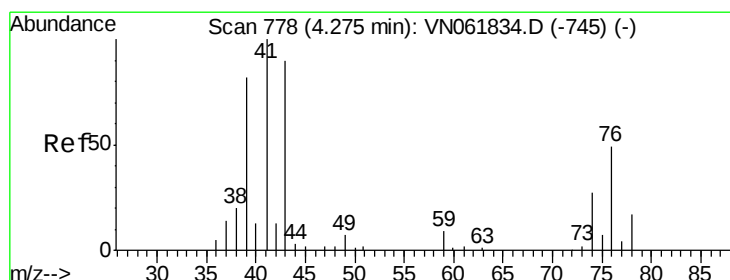
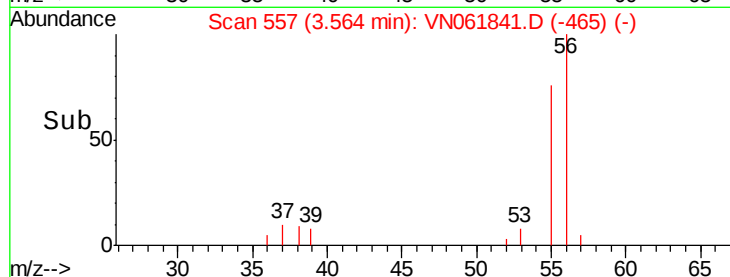
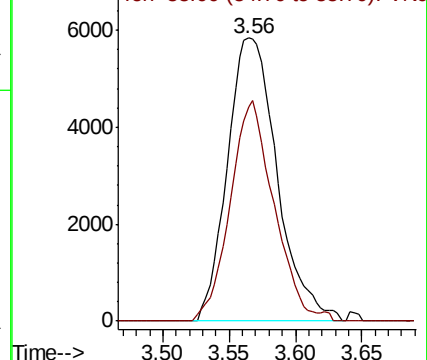
56 100

55 68.8 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.152 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

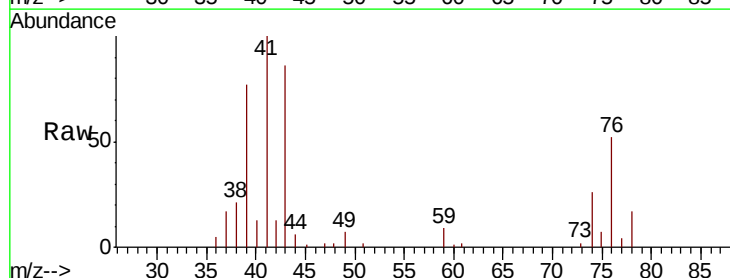
Tgt Ion: 41 Resp: 44475

Ion Ratio Lower Upper

41 100

39 75.1 60.2 90.2

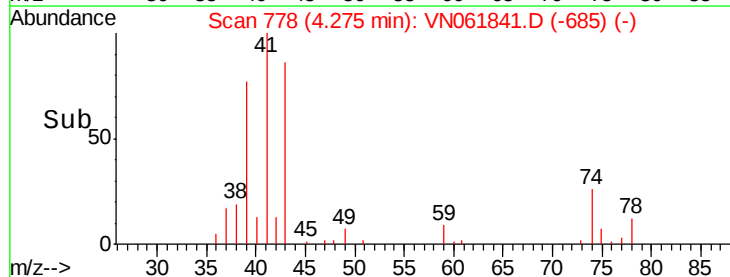
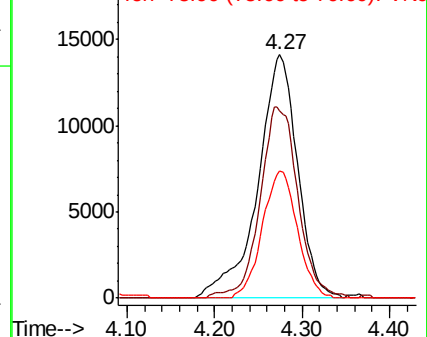
76 46.0 36.3 54.5



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 94.543 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

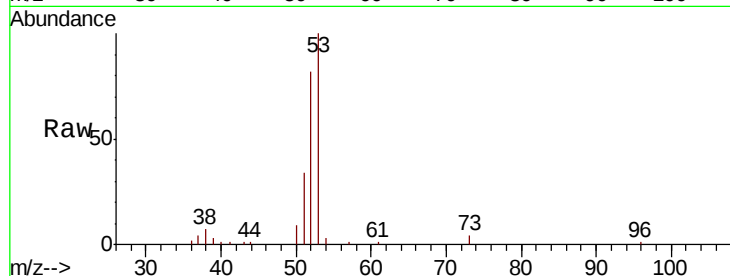
Tot Ion: 53 Resp: 74868

Ion Ratio Lower Upper

53 100

52 82.2 65.2 97.8

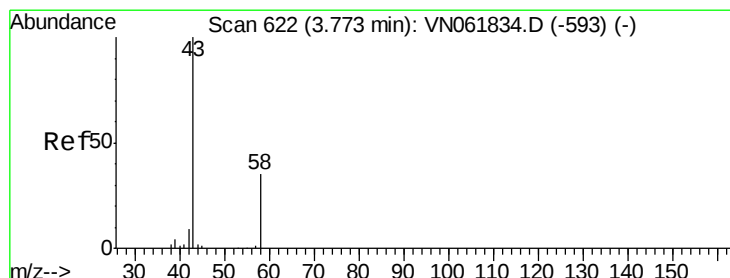
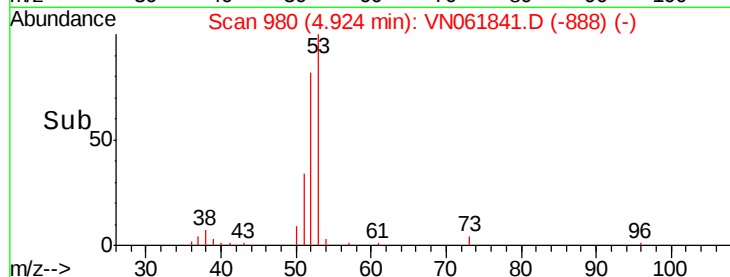
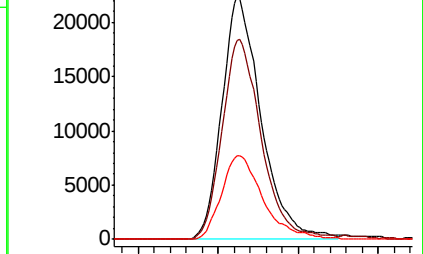
51 36.5 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN061841.D (-888) (-)

Ion 52.00 (51.70 to 52.70): VN061841.D (-888) (-)

Ion 51.00 (50.70 to 51.70): VN061841.D (-888) (-)



#16

Acetone

Concen: 98.897 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061841.D

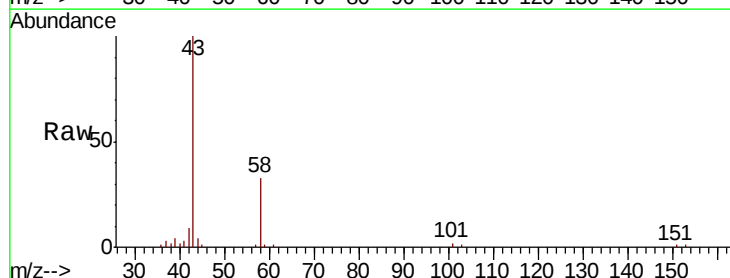
Acq: 17 Jun 2020 12:11

Tgt Ion: 43 Resp: 67466

Ion Ratio Lower Upper

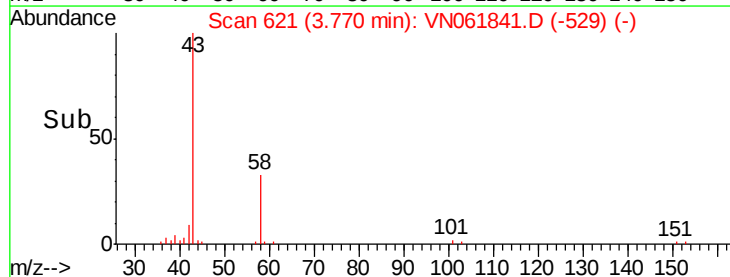
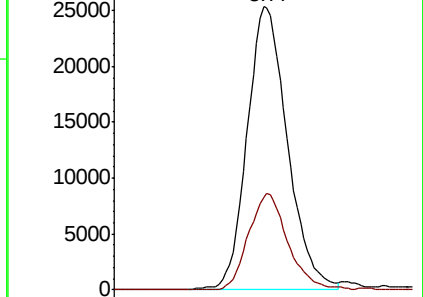
43 100

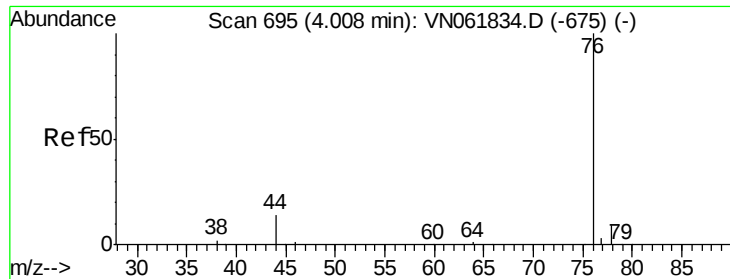
58 32.9 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061841.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061841.D (-529) (-)

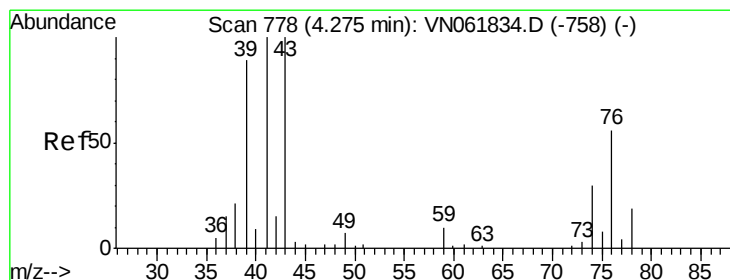
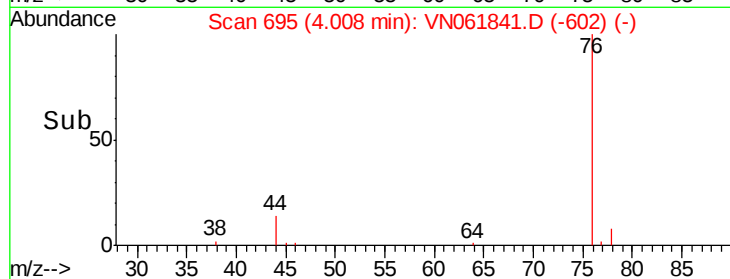
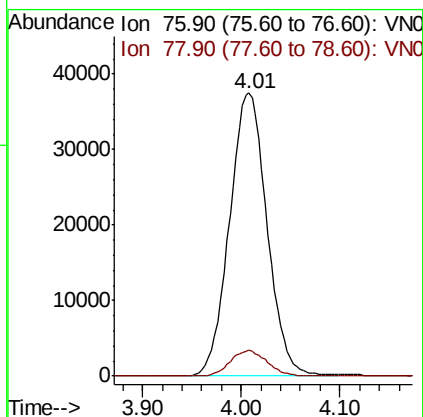
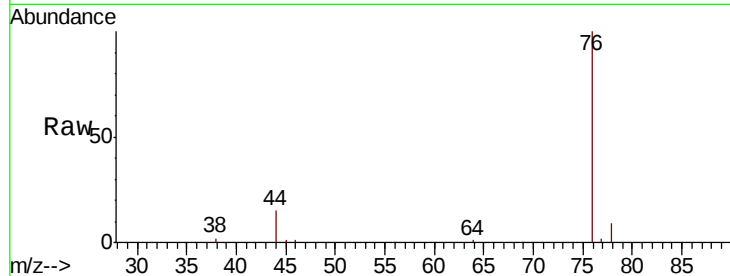




#17
Carbon Disulfide
Concen: 19.339 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

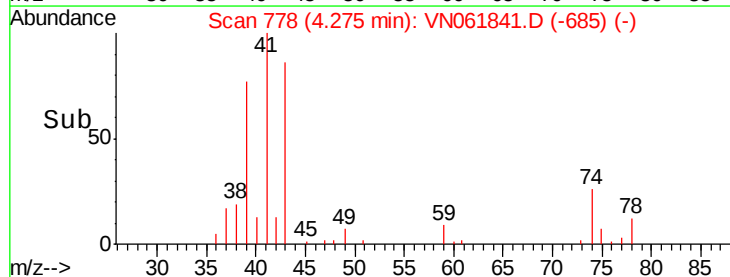
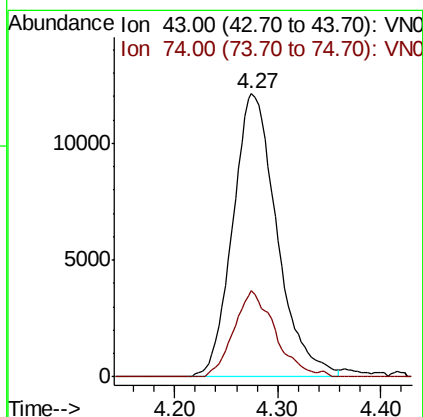
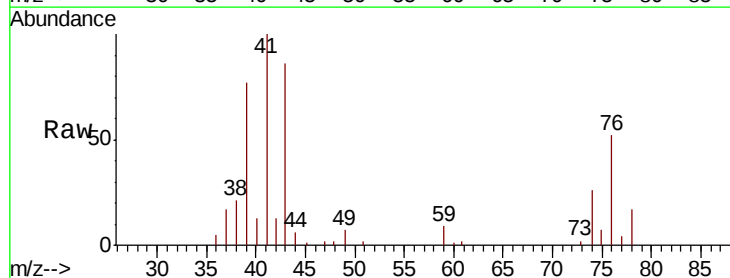
Instrument :
MSVOA_N
ClientSampled :
VN0617WBS01

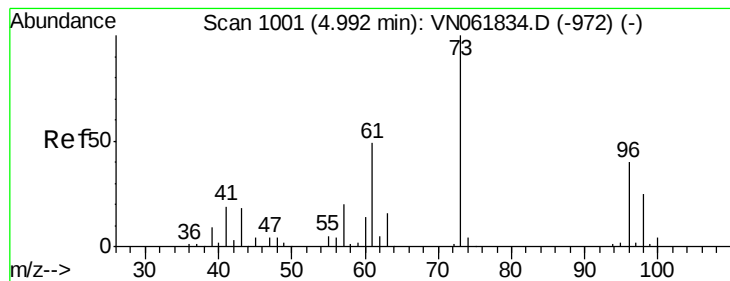
Tot Ion: 76 Resp: 99009
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 18.380 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion: 43 Resp: 36098
Ion Ratio Lower Upper
43 100
74 28.2 23.0 34.4



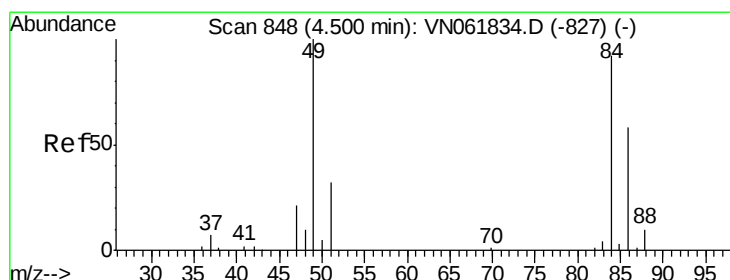
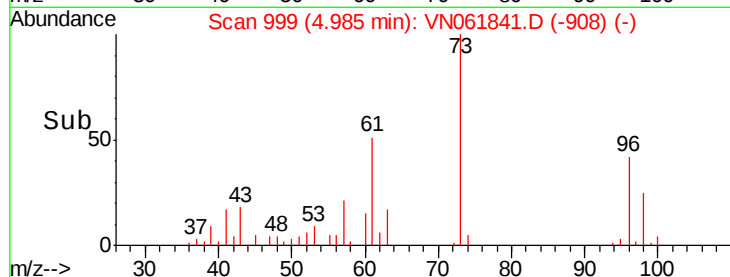
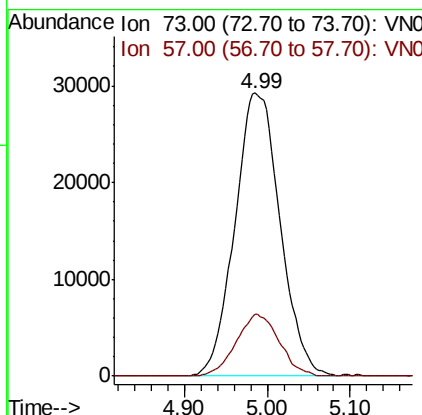
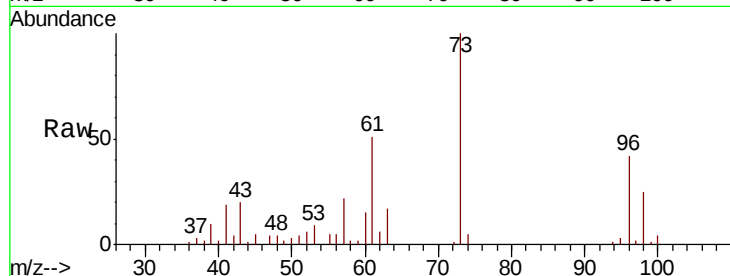


#19

Methyl tert-butyl Ether
 Concen: 19.038 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

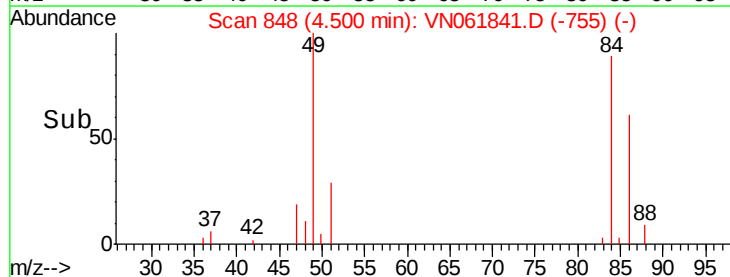
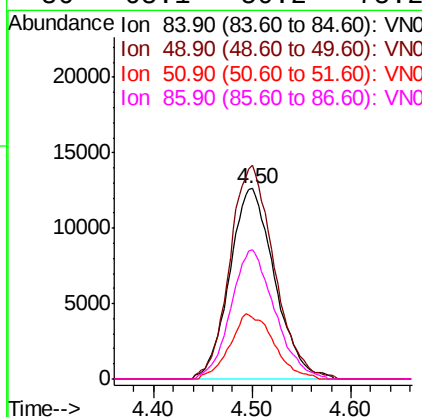
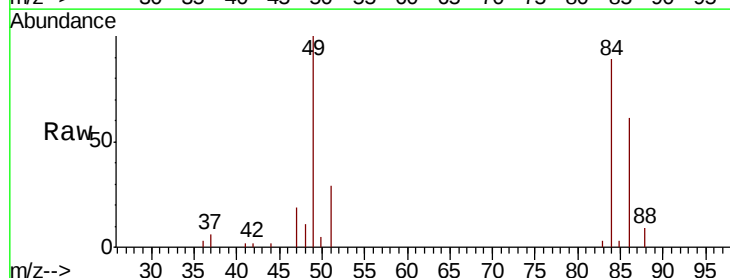
Tot Ion: 73 Resp: 110909
 Ion Ratio Lower Upper
 73 100
 57 22.0 16.2 24.4

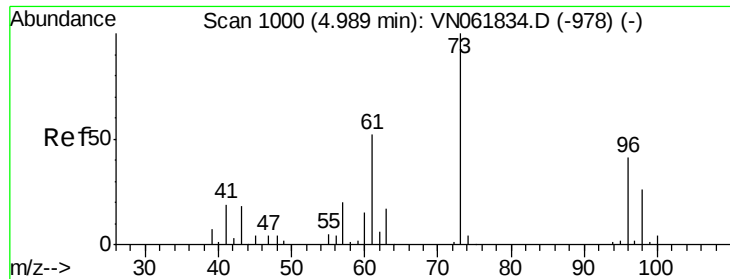


#20

Methylene Chloride
 Concen: 18.011 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion: 84 Resp: 40031
 Ion Ratio Lower Upper
 84 100
 49 112.3 87.0 130.4
 51 32.1 27.8 41.6
 86 68.1 50.2 75.2

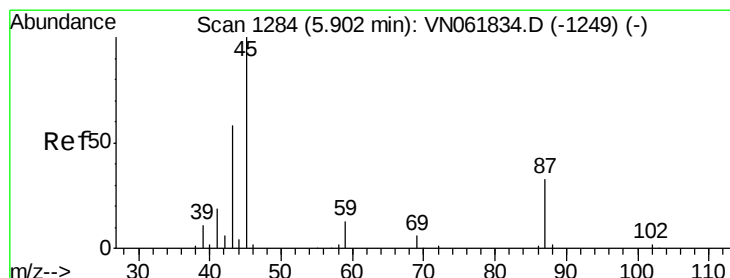
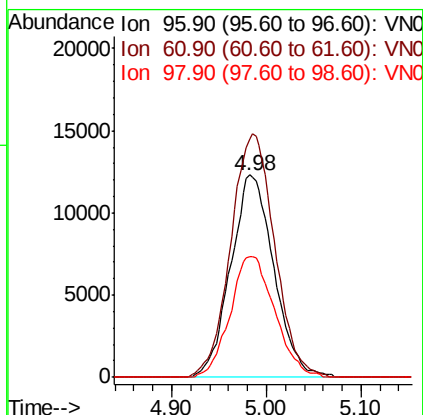
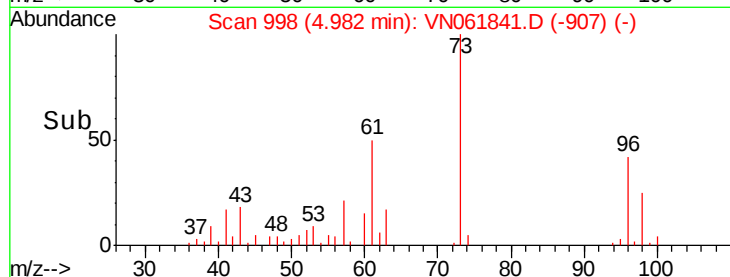
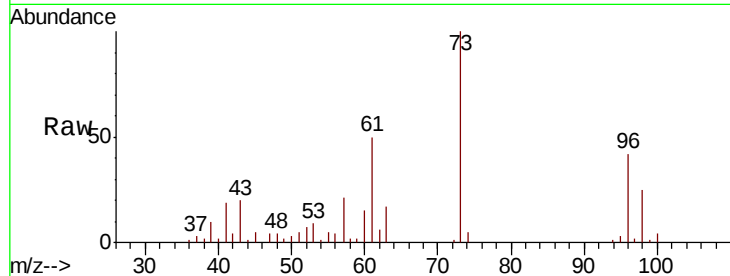




#21
trans-1,2-Dichloroethene
Concen: 19.420 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

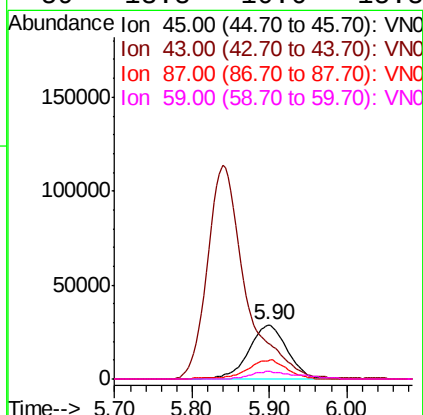
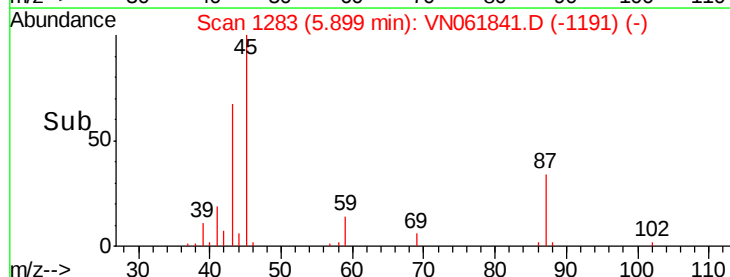
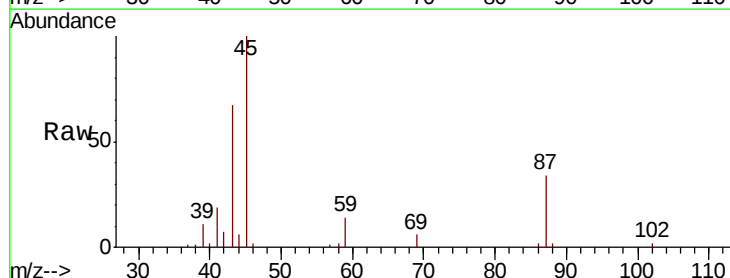
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

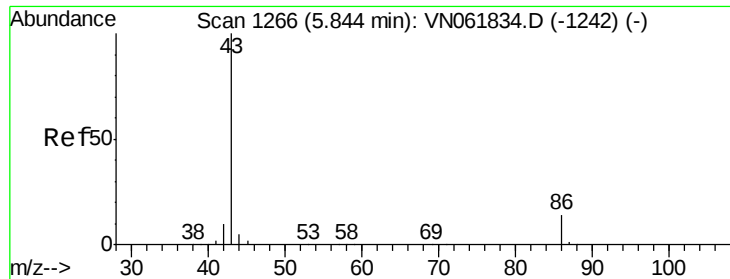
Tot Ion: 96 Resp: 39028
Ion Ratio Lower Upper
96 100
61 118.1 102.2 153.4
98 59.5 51.2 76.8



#22
Diisopropyl ether
Concen: 18.768 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion: 45 Resp: 99675
Ion Ratio Lower Upper
45 100
43 64.3 49.4 74.2
87 34.3 27.4 41.0
59 13.8 10.6 15.8





#23

Vinyl Acetate

Concen: 93.480 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

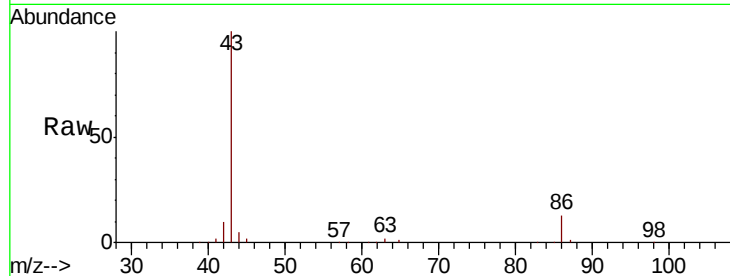
VN0617WBS01

Tot Ion: 43 Resp: 390477

Ion Ratio Lower Upper

43 100

86 13.3 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

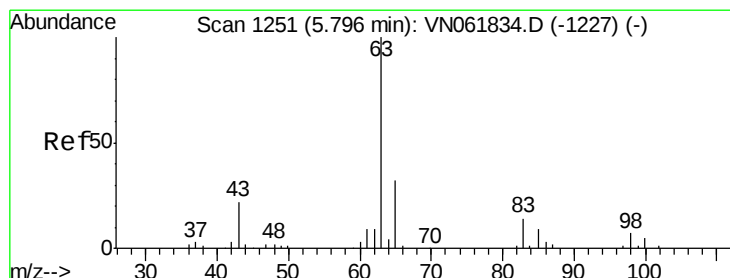
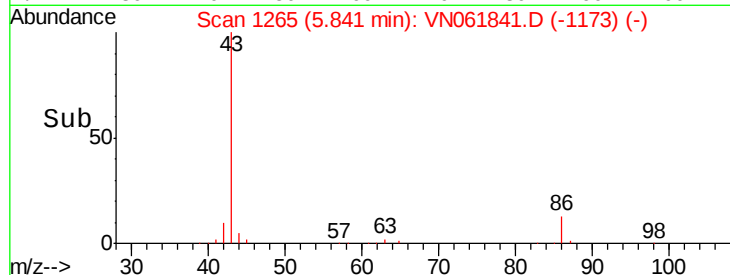
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.392 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

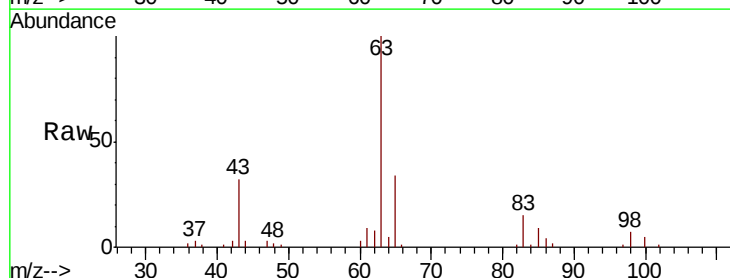
Tgt Ion: 63 Resp: 63944

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.6 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) (-)

25000

20000

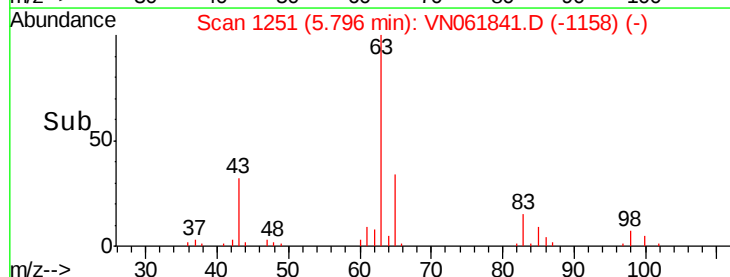
15000

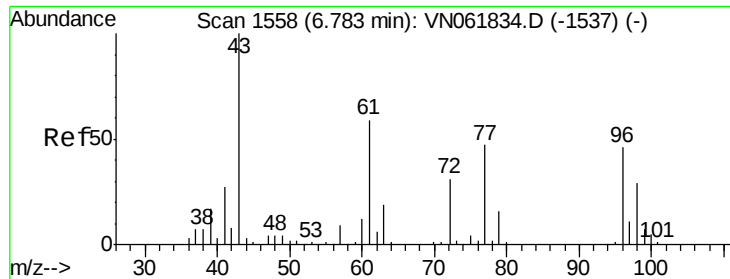
10000

5000

0

Time-->





#25

2-Butanone

Concen: 94.513 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampled :

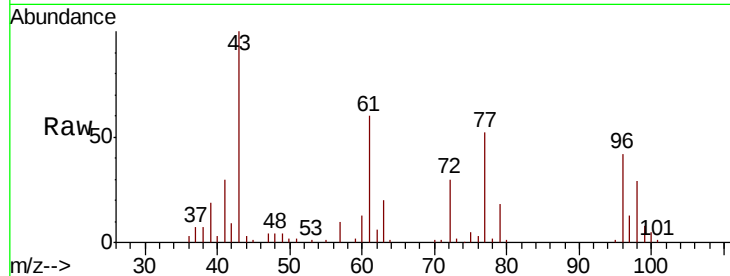
VN0617WBS01

Tot Ion: 43 Resp: 94070

Ion Ratio Lower Upper

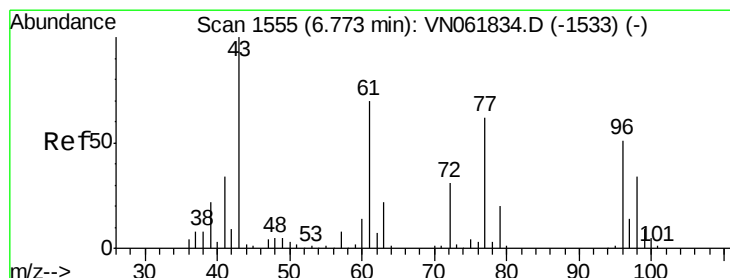
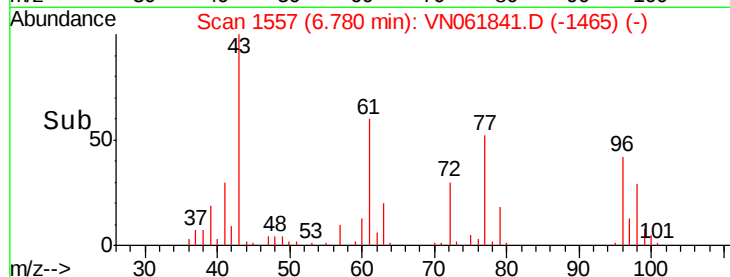
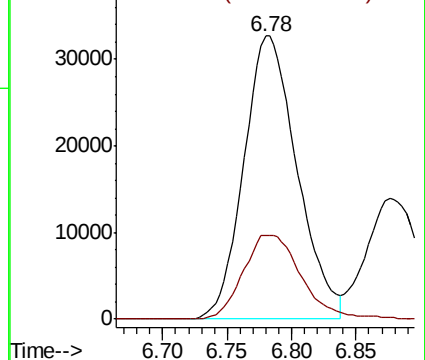
43 100

72 29.7 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 19.743 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN061841.D

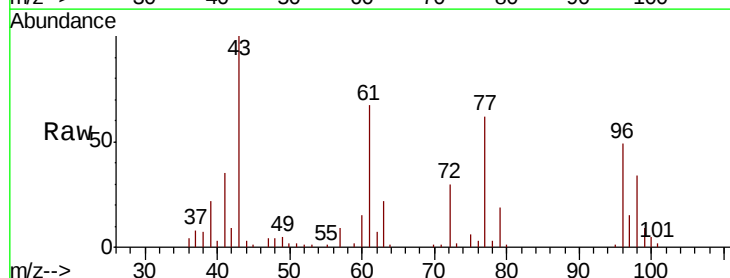
Acq: 17 Jun 2020 12:11

Tgt Ion: 77 Resp: 57749

Ion Ratio Lower Upper

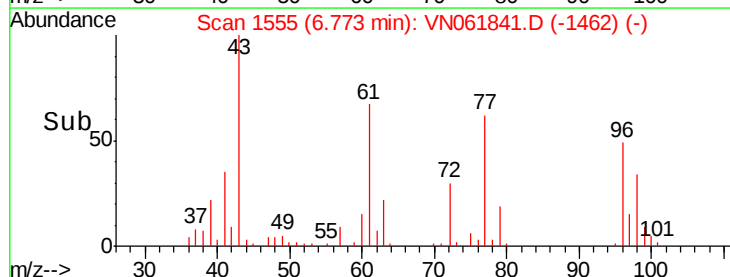
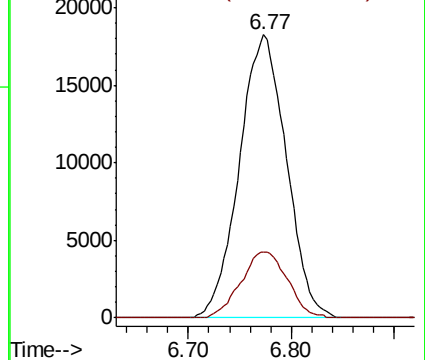
77 100

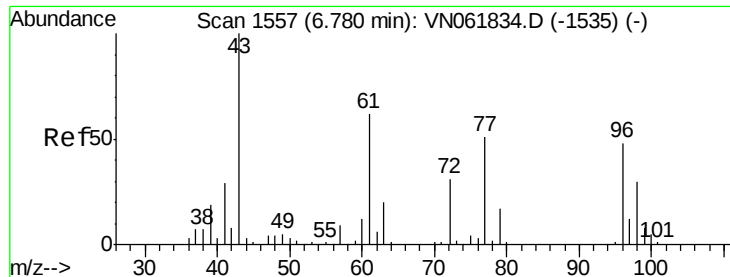
97 23.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.597 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampled :

VN0617WBS01

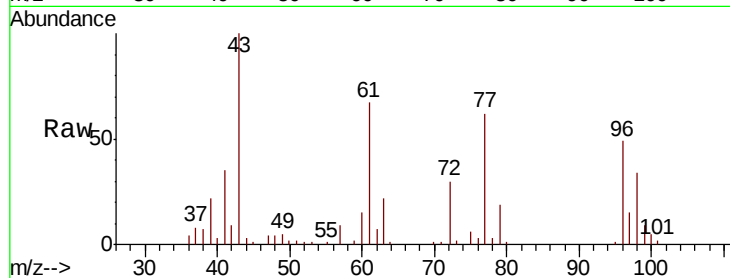
Tot Ion: 96 Resp: 43125

Ion Ratio Lower Upper

96 100

61 134.3 0.0 265.6

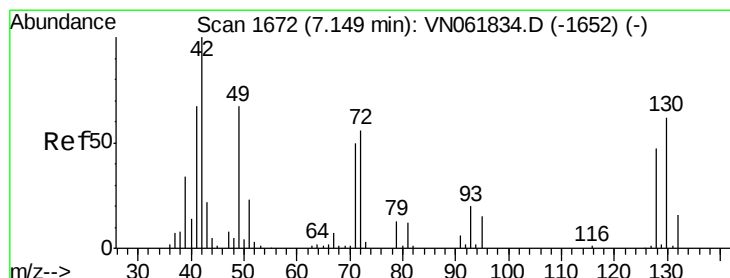
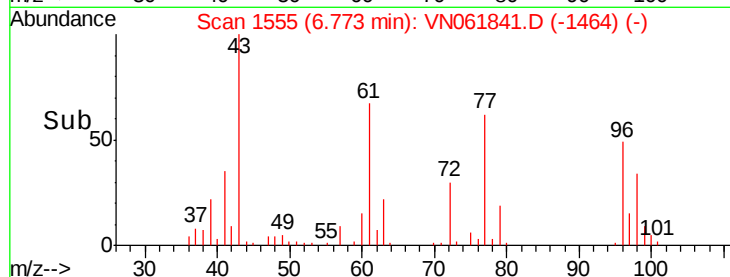
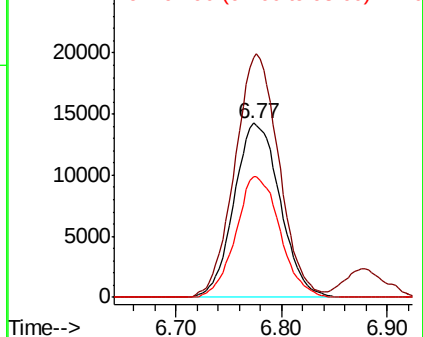
98 66.6 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1535) (-)



#28

Bromochloromethane

Concen: 19.748 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

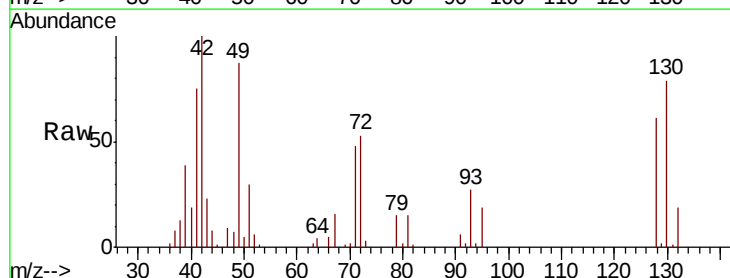
Tgt Ion: 49 Resp: 30569

Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.0

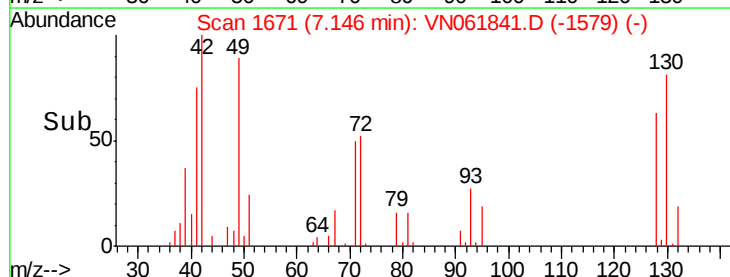
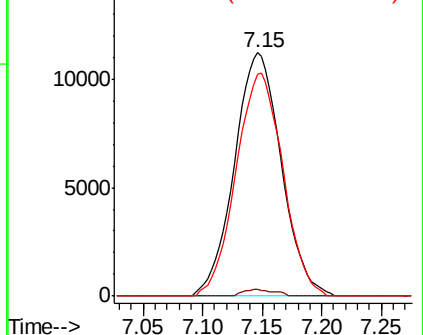
130 91.5 72.2 108.2



Abundance Ion 48.90 (48.60 to 49.60): VN061834.D (-1652) (-)

Ion 128.80 (128.50 to 129.50): VN061834.D (-1652) (-)

Ion 129.80 (129.50 to 130.50): VN061834.D (-1652) (-)

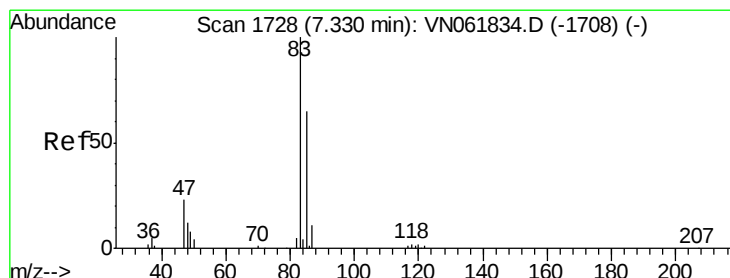
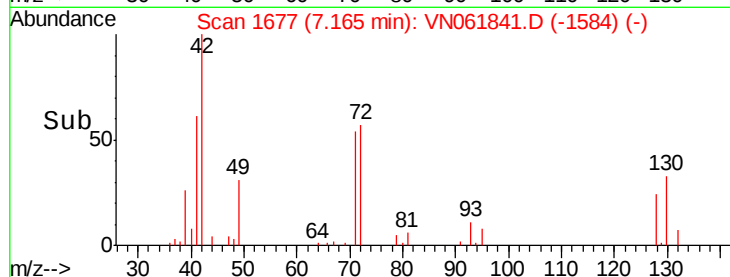
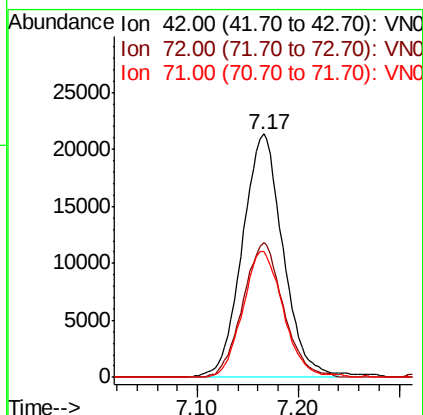
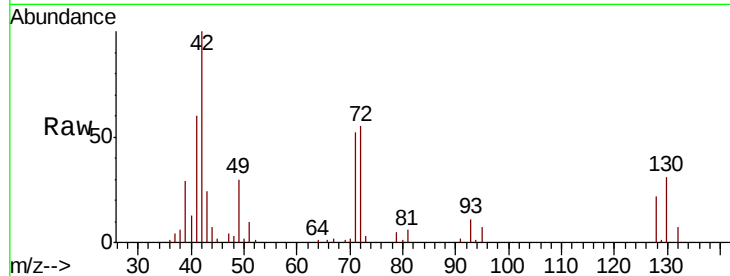




#29
Tetrahydrofuran
Concen: 91.061 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

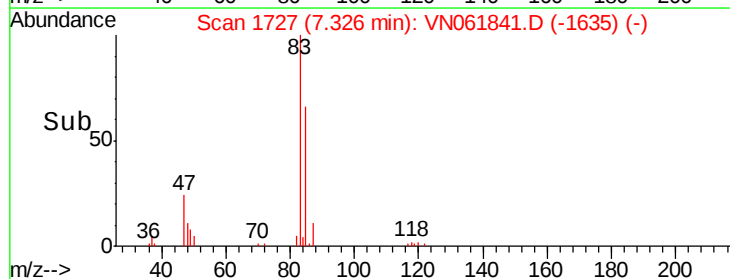
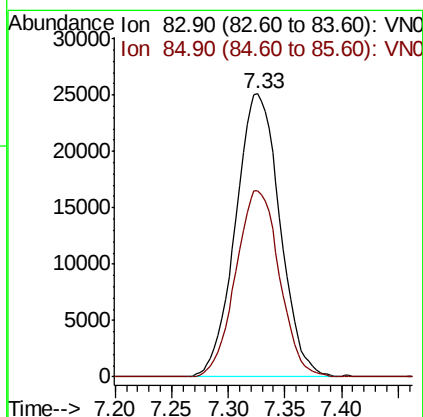
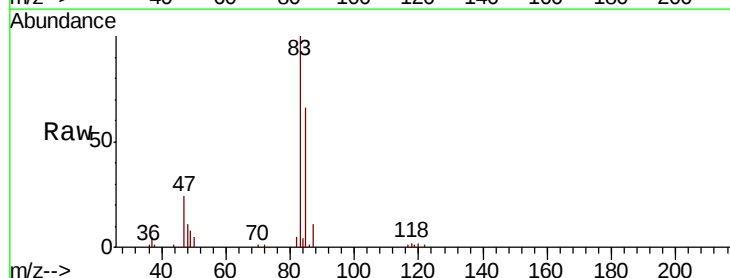
Instrument :
MSVOA_N
ClientSampled :
VN0617WBS01

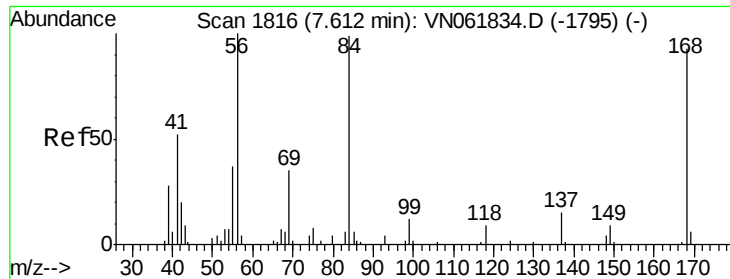
Tot Ion	Ratio	Lower	Upper
42	100		
72	55.2	44.0	66.0
71	51.7	40.0	60.0



#30
Chloroform
Concen: 18.436 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.0	78.0

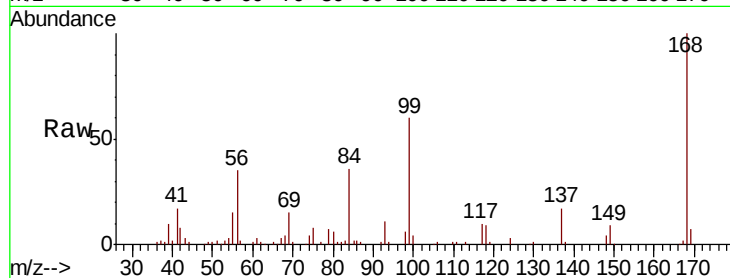




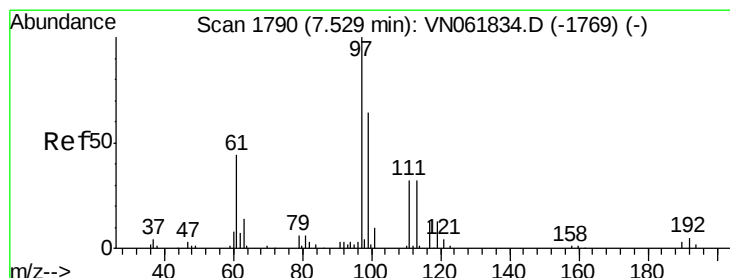
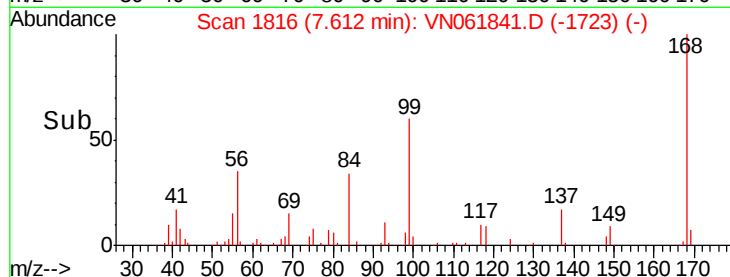
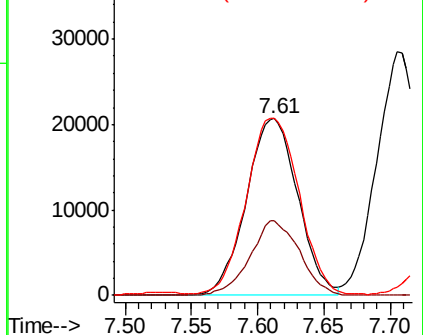
#31
Cyclohexane
Concen: 18.441 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion: 56 Resp: 56124
Ion Ratio Lower Upper
56 100
69 42.0 27.7 41.5#
84 99.2 79.1 118.7

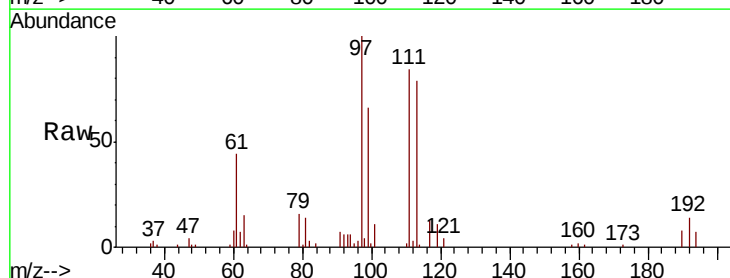


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

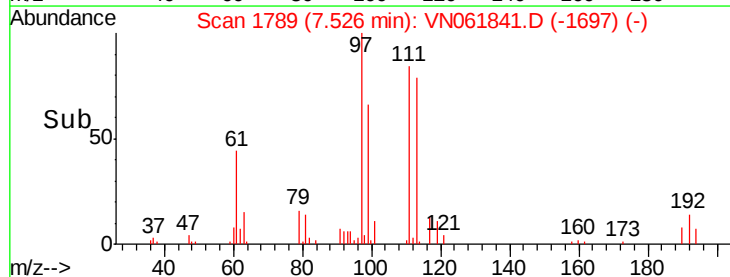
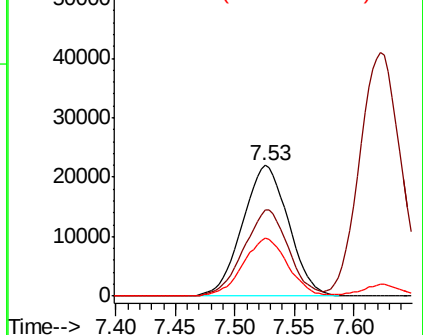


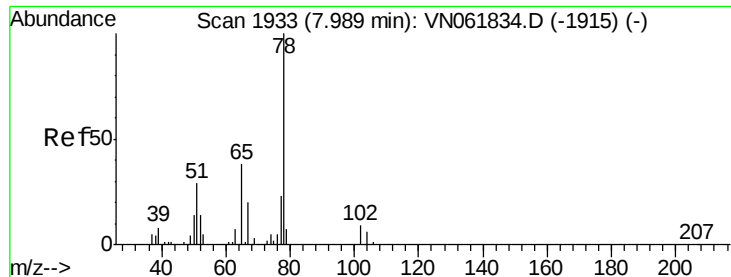
#32
1,1,1-Trichloroethane
Concen: 18.616 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion: 97 Resp: 58908
Ion Ratio Lower Upper
97 100
99 64.0 51.5 77.3
61 43.0 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: 48.484 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

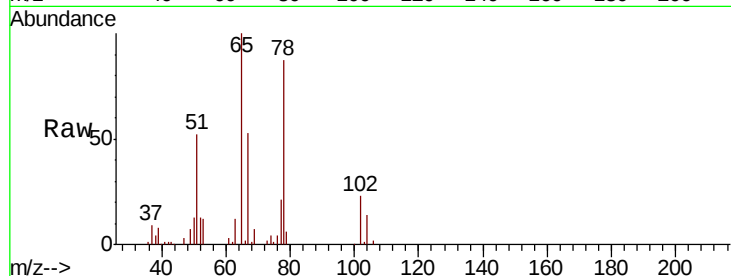
VN0617WBS01

Tot Ion: 65 Resp: 111974

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN061834.D (-1915) (-)

7.99

50000

40000

30000

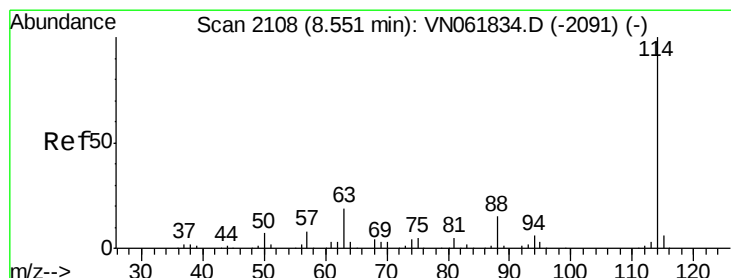
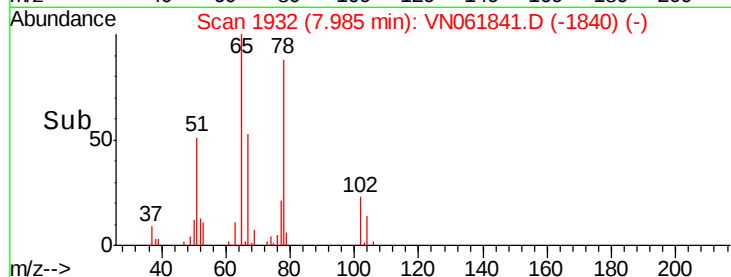
20000

10000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

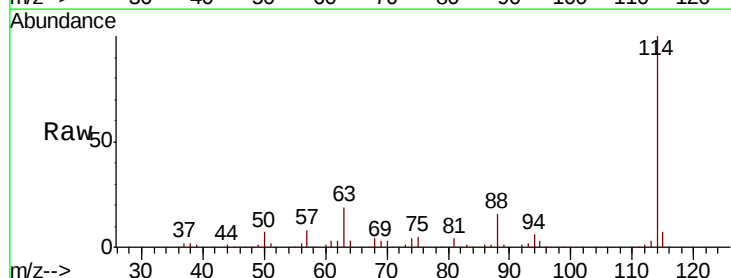
Tgt Ion: 114 Resp: 294451

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

88 15.7 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN061834.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN061834.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN061834.D (-2091) (-)

8.55

150000

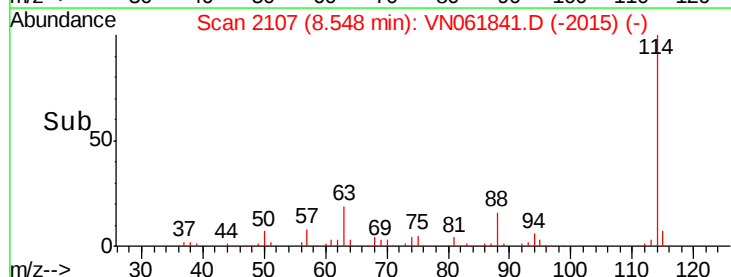
100000

50000

0

8.50 8.55 8.60 8.65 8.70

Time-->

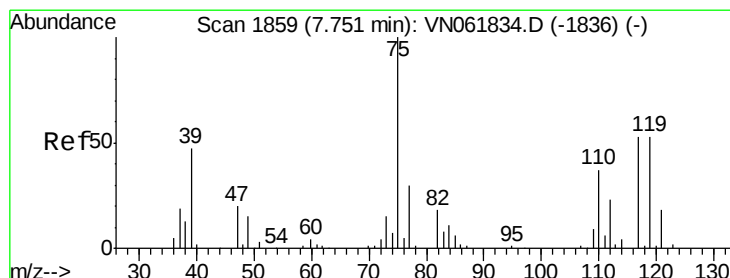
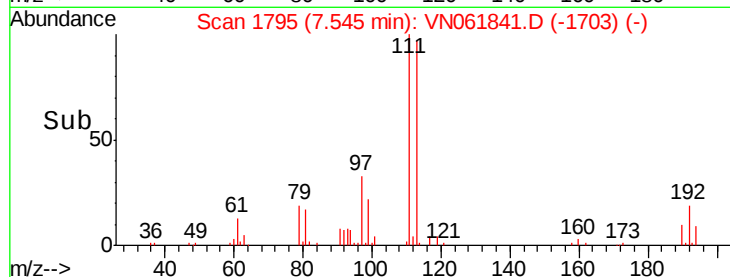
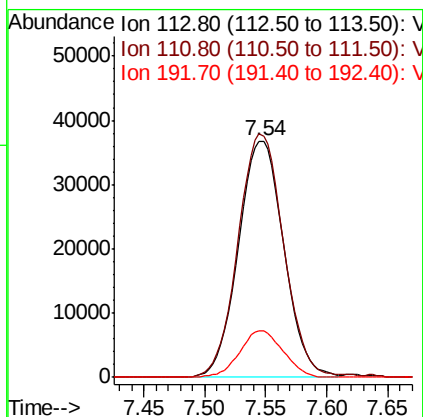
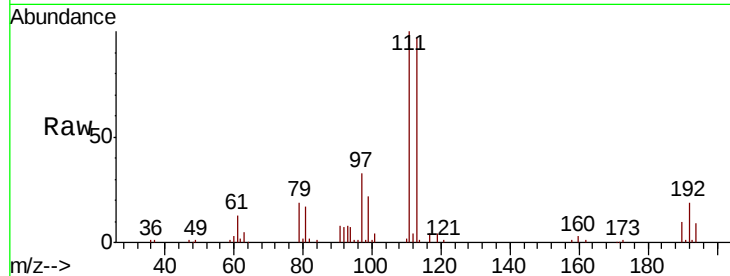




#35
 Dibromofluoromethane
 Concen: 50.408 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

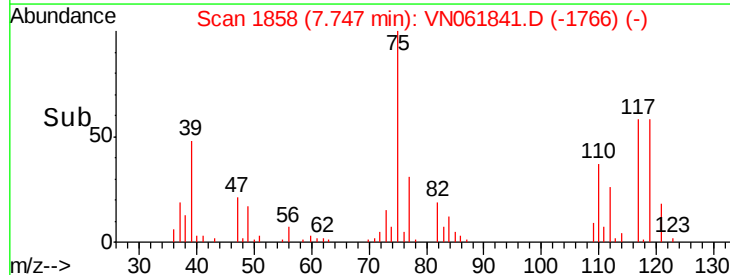
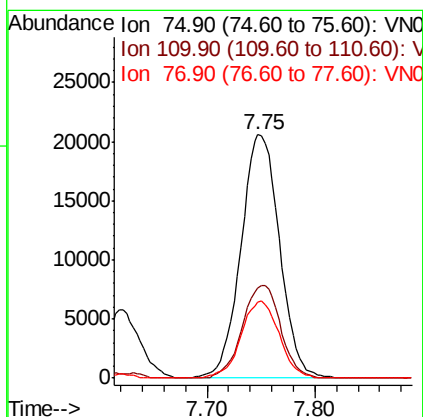
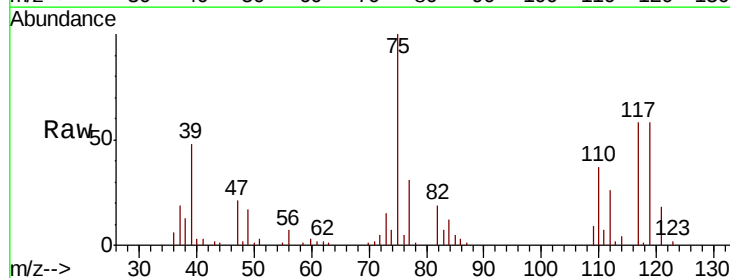
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

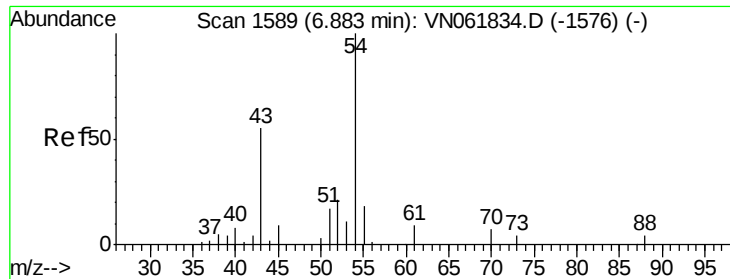
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.7	125.5
192	18.7	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 19.097 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.2	54.6
77	31.3	24.2	36.4

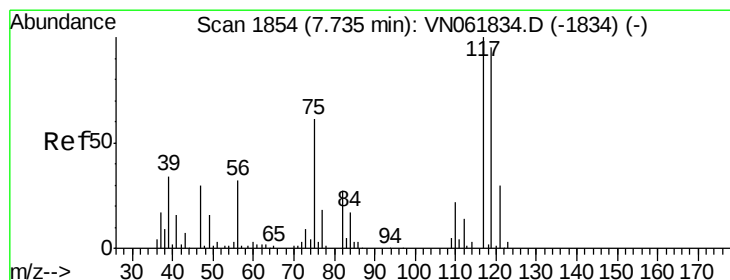
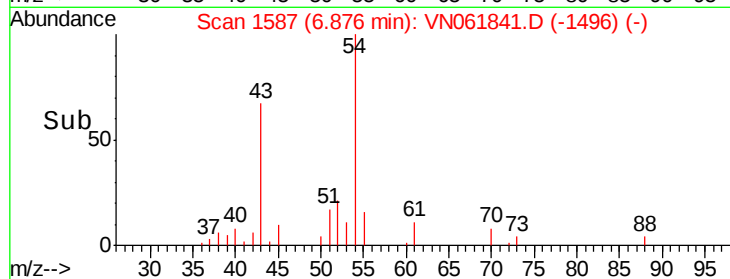
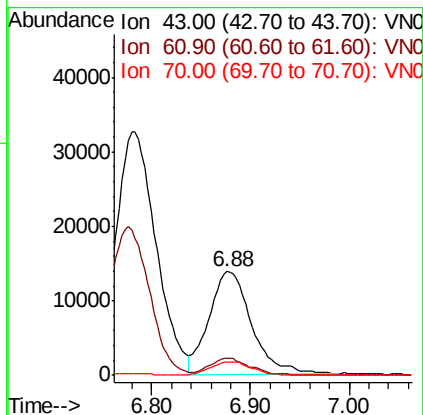
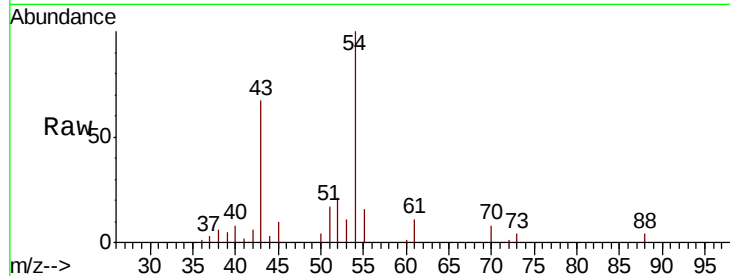




#37
Ethyl Acetate
Concen: 19.687 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

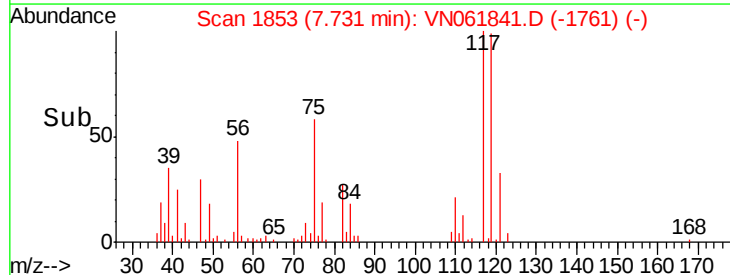
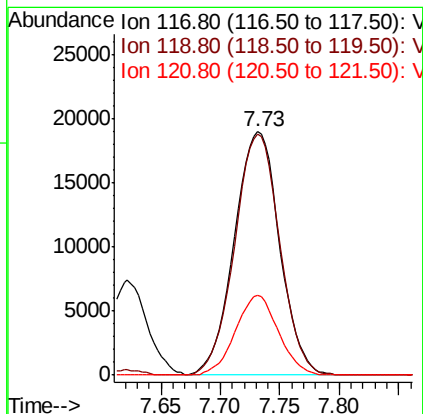
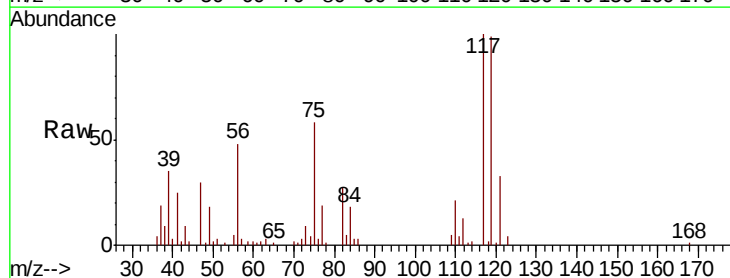
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion: 43 Resp: 41290
Ion Ratio Lower Upper
43 100
61 13.9 13.0 19.4
70 12.6 9.4 14.2



#38
Carbon Tetrachloride
Concen: 18.881 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion: 117 Resp: 50216
Ion Ratio Lower Upper
117 100
119 98.8 75.8 113.6
121 32.9 23.8 35.6

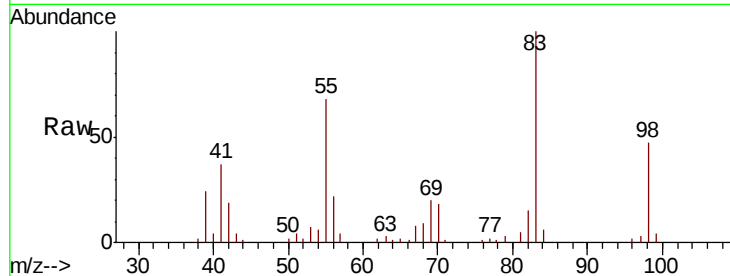




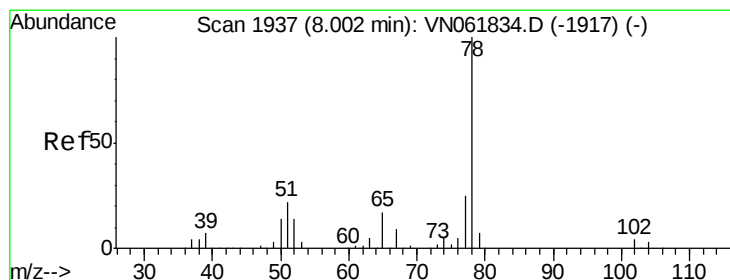
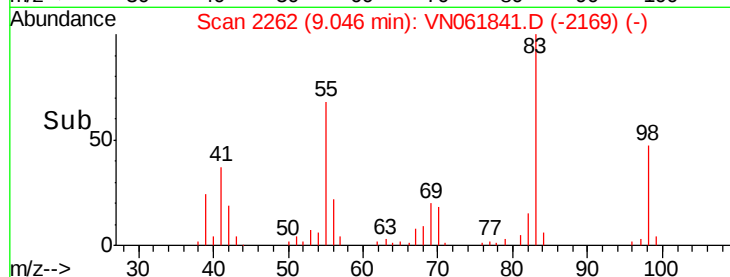
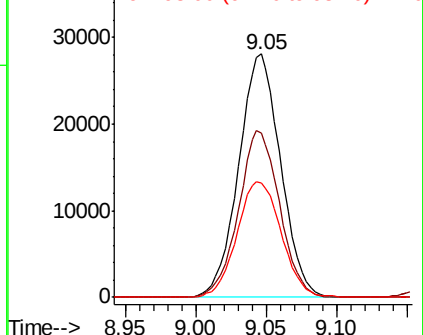
#39
Methvlcvclohexane
Concen: 20.210 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion: 83 Resp: 58446
Ion Ratio Lower Upper
83 100
55 67.5 54.2 81.4
98 46.9 39.8 59.6

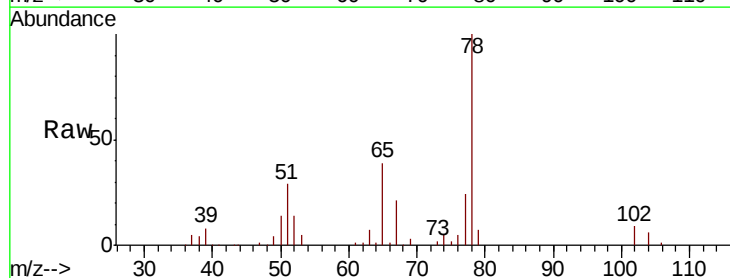


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

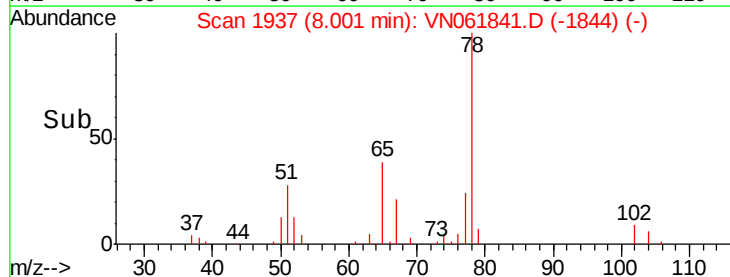
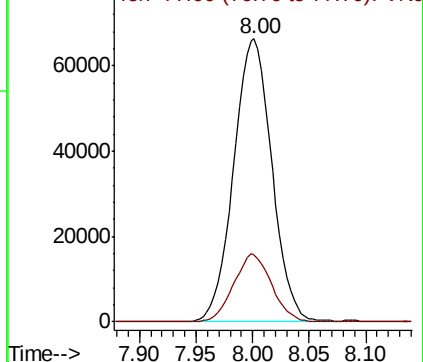


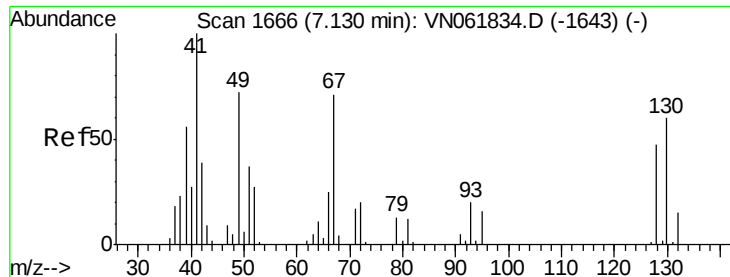
#40
Benzene
Concen: 19.175 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion: 78 Resp: 156002
Ion Ratio Lower Upper
78 100
77 23.9 19.7 29.5



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

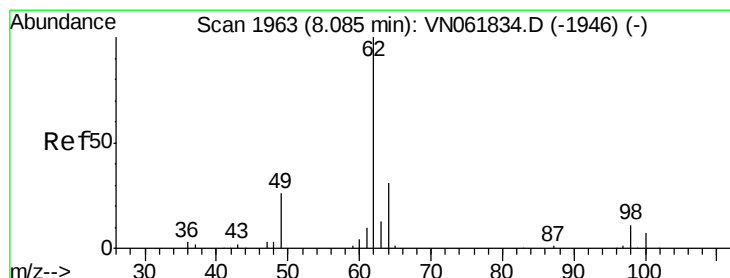
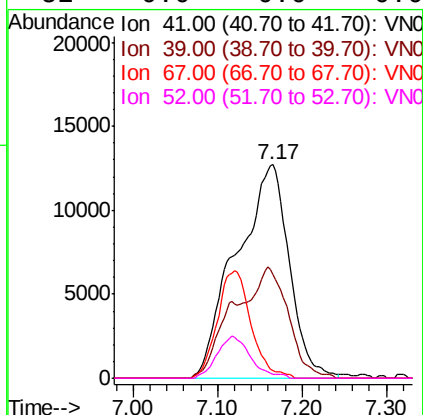
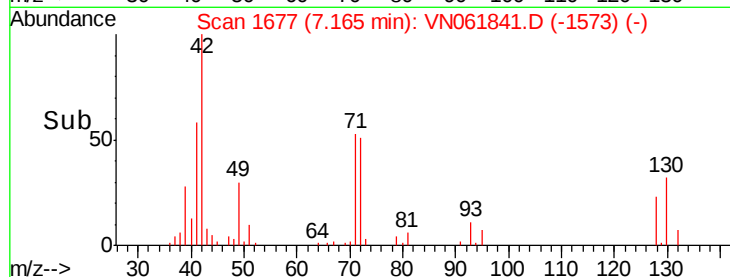
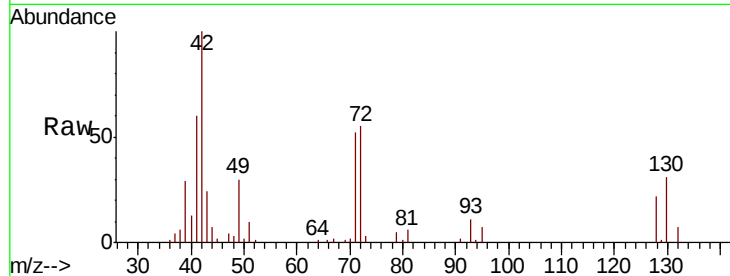




#41
Methacrylonitrile
Concen: 61.644 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

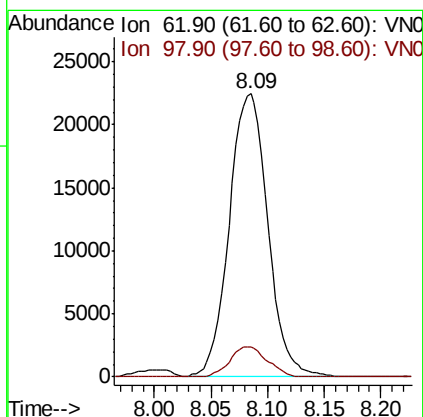
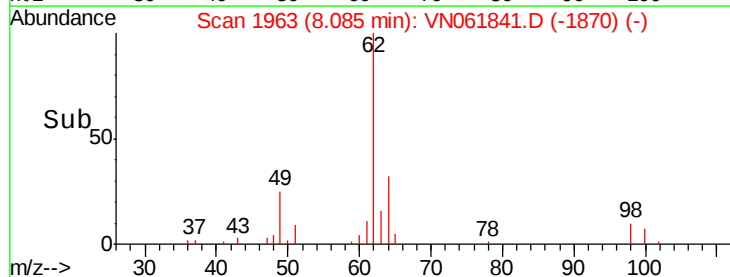
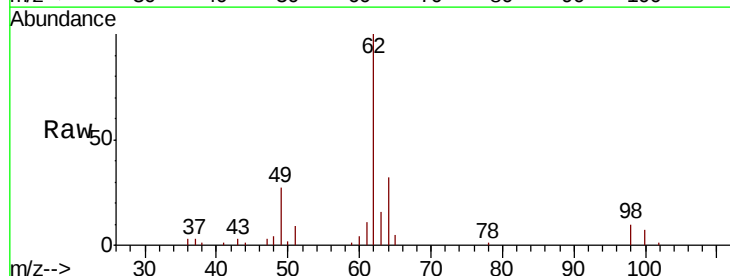
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

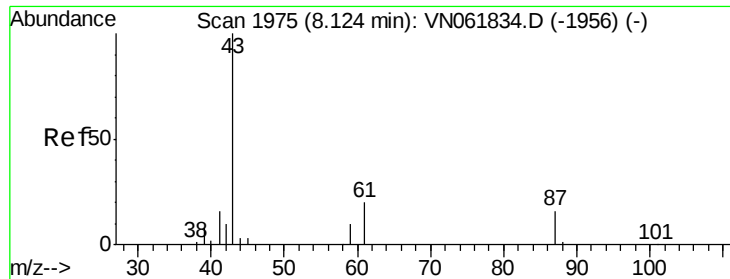
Tot Ion:	41	Resp:	55284
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.216 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion:	62	Resp:	53307
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4





#43

Isopropyl Acetate

Concen: 19.080 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

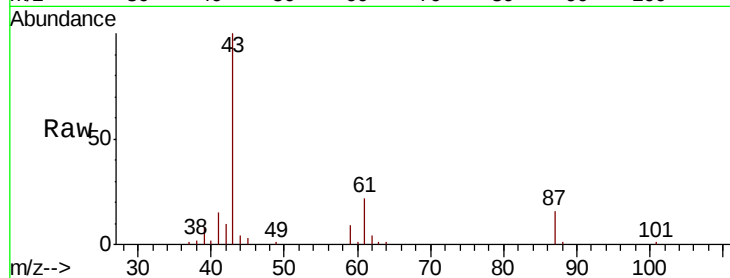
MSVOA_N

ClientSampleId :

VN0617WBS01

Tot Ion: 43 Resp: 67438

Ion	Ratio	Lower	Upper
43	100		
61	22.8	24.0	36.0#
87	15.5	12.5	18.7



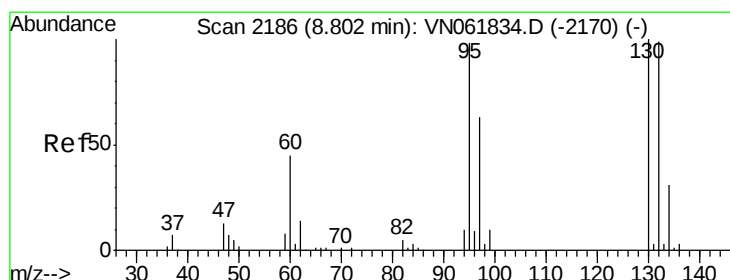
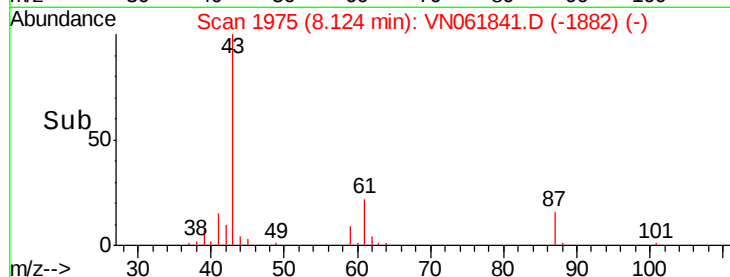
Abundance Ion 43.00 (42.70 to 43.70): VN061841.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061841.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061841.D (-1956) (-)

8.12

Time-->



#44

Trichloroethene

Concen: 19.470 ug/l

RT: 8.80 min Scan# 2185

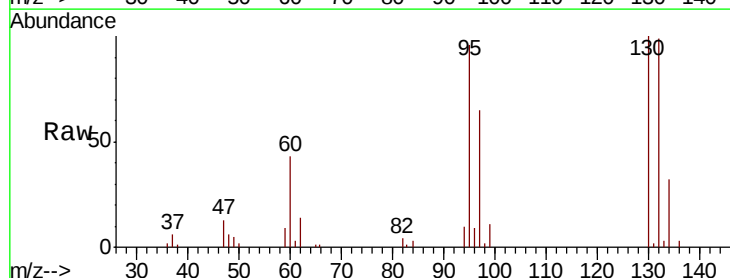
Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Tgt Ion:130 Resp: 41687

Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	195.6

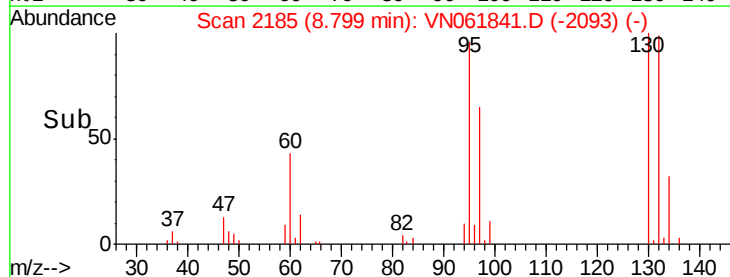


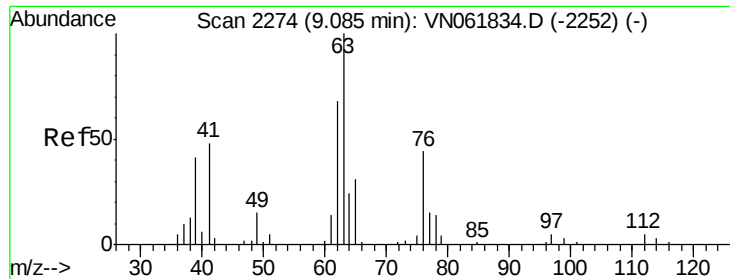
Abundance Ion 129.80 (129.50 to 130.50): VN061841.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN061841.D (-2093) (-)

8.80

Time-->

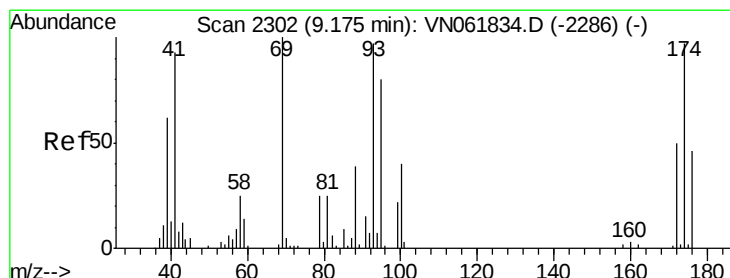
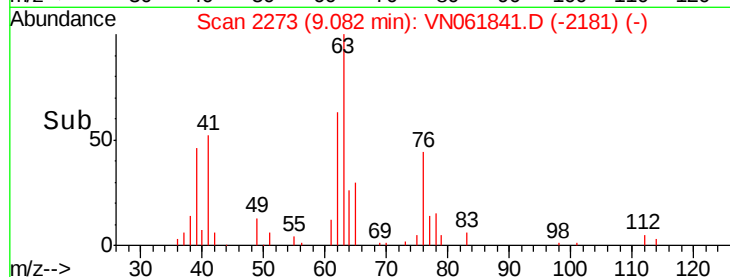
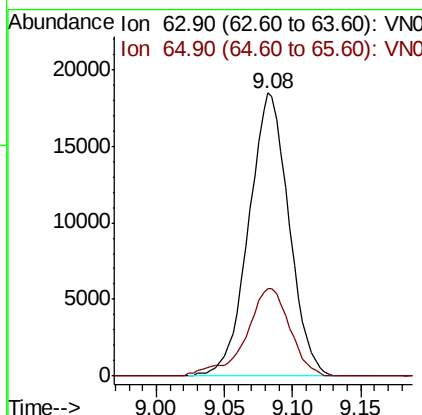
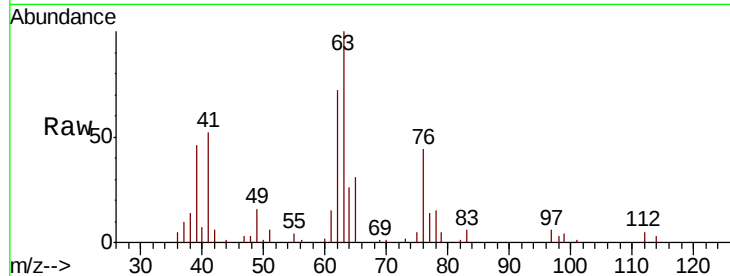




#45
 1,2-Dichloropropane
 Concen: 18.854 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

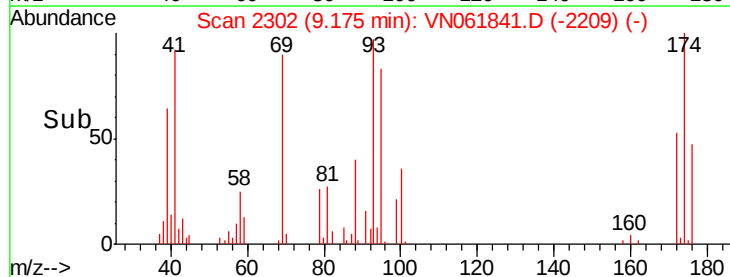
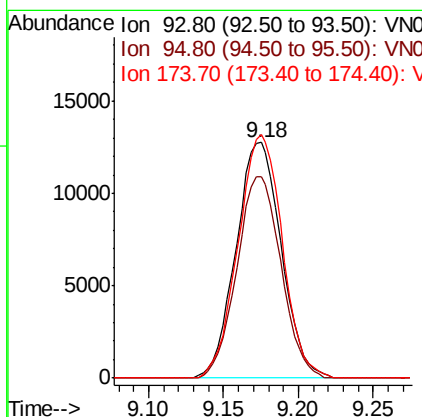
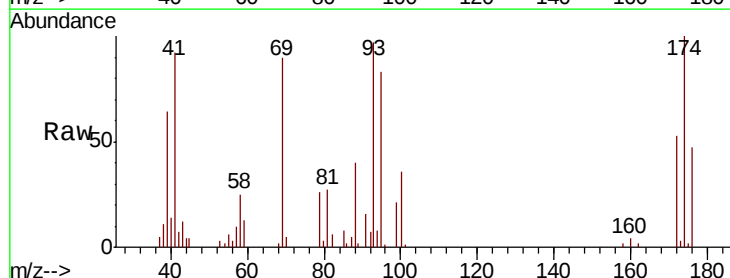
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tot Ion: 63 Resp: 37695
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.1 37.7



#46
 Dibromomethane
 Concen: 19.112 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion: 93 Resp: 26908
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.8 98.6
 174 100.7 78.5 117.7

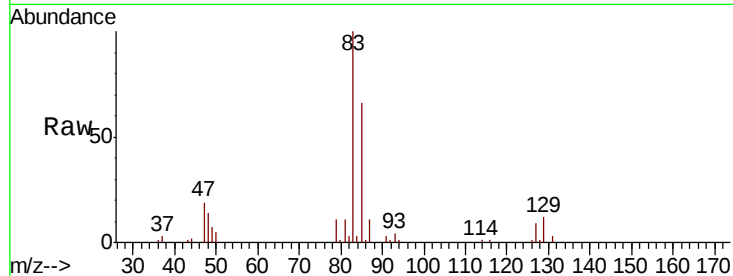




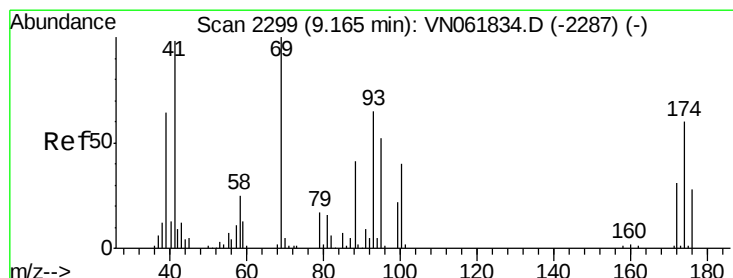
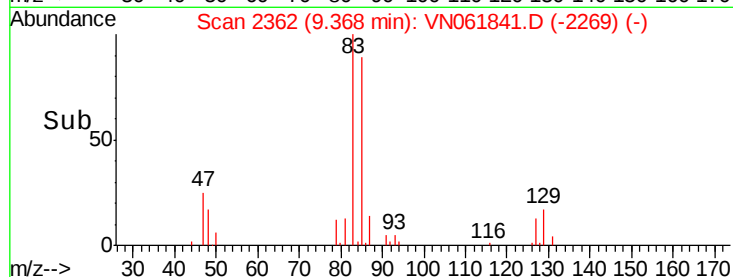
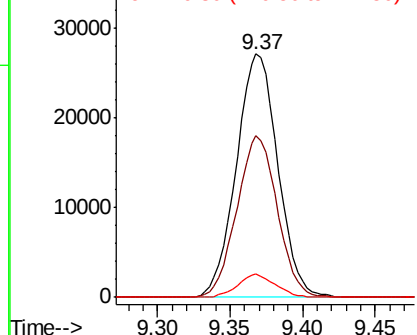
#47
 Bromodichloromethane
 Concen: 18.698 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tot Ion: 83 Resp: 53905
 Ion Ratio Lower Upper
 83 100
 85 66.3 50.8 76.2
 127 9.4 7.0 10.4

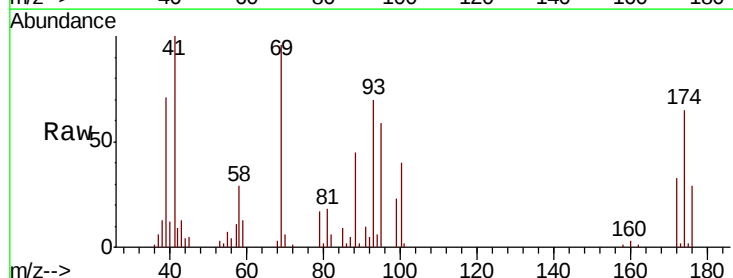


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

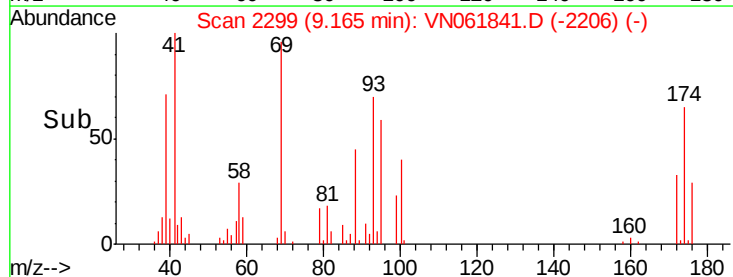
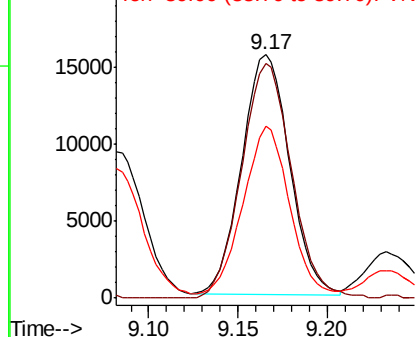


#48
 Methyl methacrylate
 Concen: 18.225 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion: 41 Resp: 29294
 Ion Ratio Lower Upper
 41 100
 69 102.4 83.0 124.4
 39 67.4 55.1 82.7



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

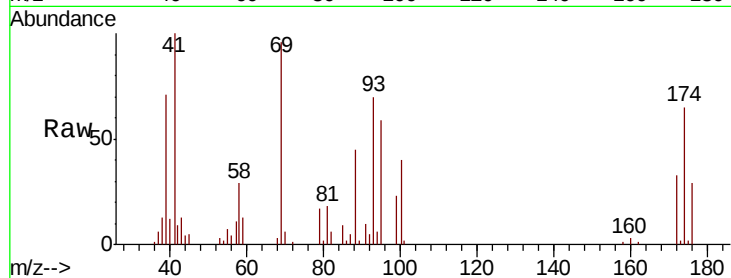




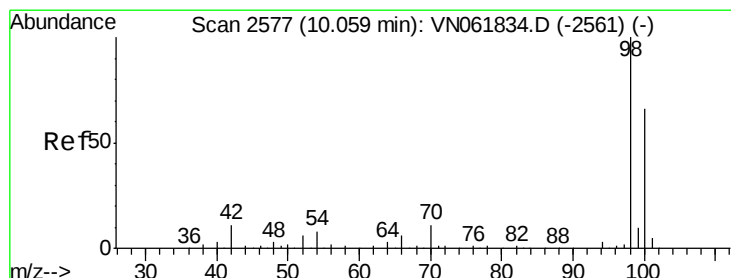
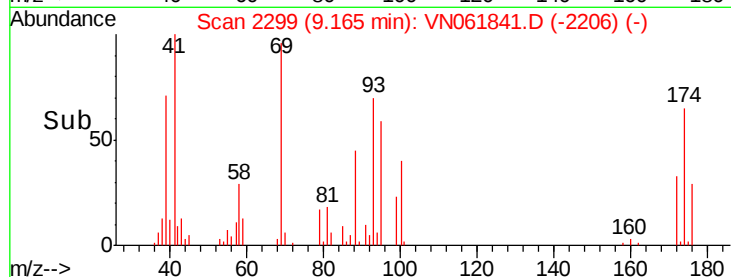
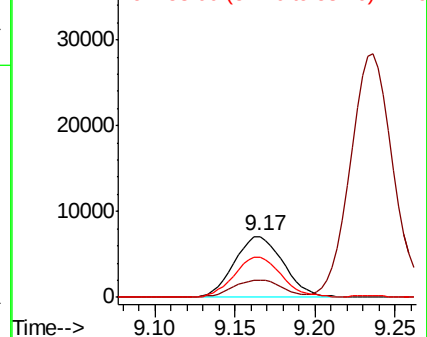
#49
1,4-Dioxane
Concen: 404.907 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion: 88 Resp: 14942
Ion Ratio Lower Upper
88 100
43 28.5 23.4 35.2
58 63.5 49.8 74.6

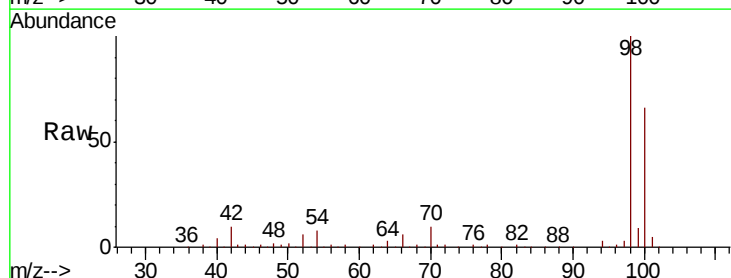


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

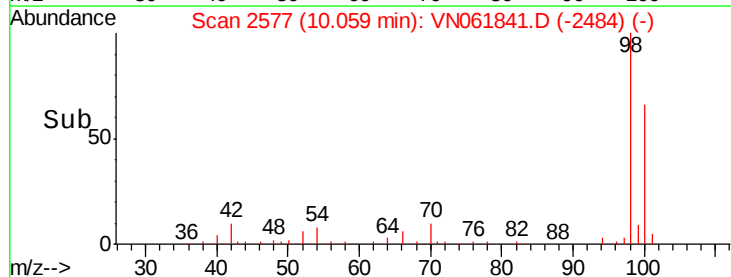
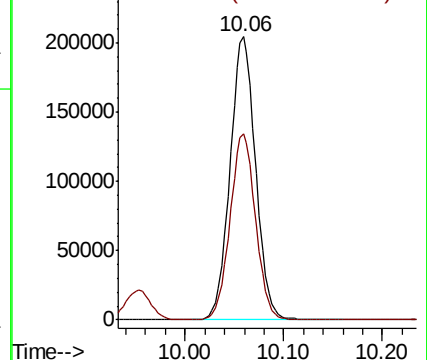


#50
Toluene-d8
Concen: 49.941 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion: 98 Resp: 369853
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



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





#51

4-Methyl-2-Pentanone

Concen: 94.067 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

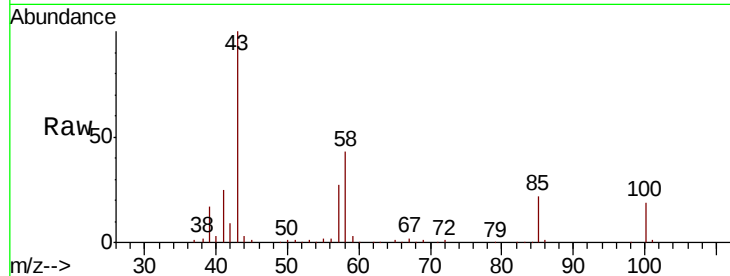
VN0617WBS01

Tot Ion: 43 Resp: 196470

Ion Ratio Lower Upper

43 100

58 43.0 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

120000

100000

80000

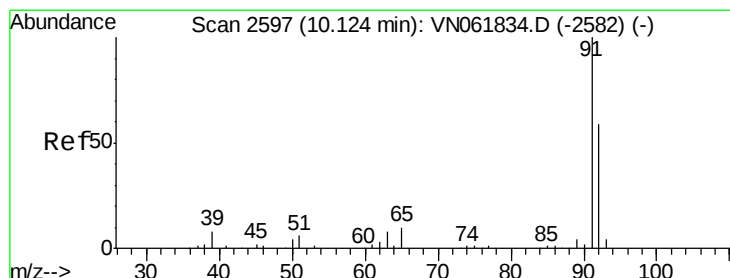
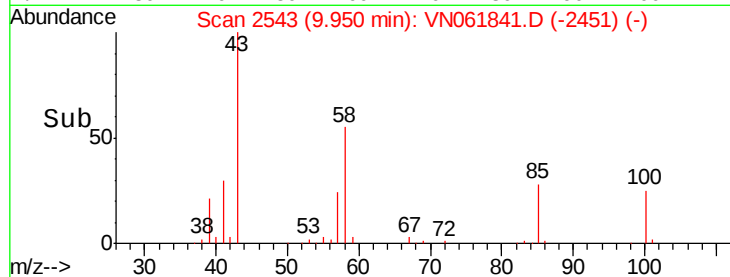
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 19.607 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061841.D

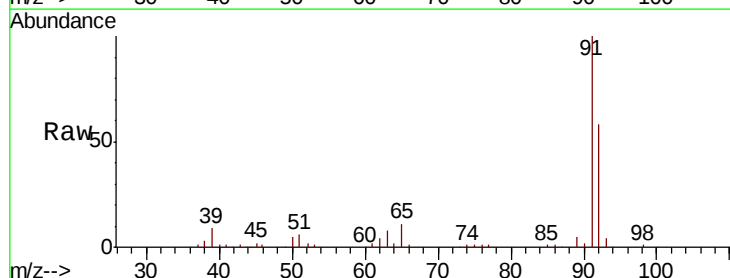
Acq: 17 Jun 2020 12:11

Tgt Ion: 92 Resp: 100183

Ion Ratio Lower Upper

92 100

91 171.2 137.1 205.7



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

100000

80000

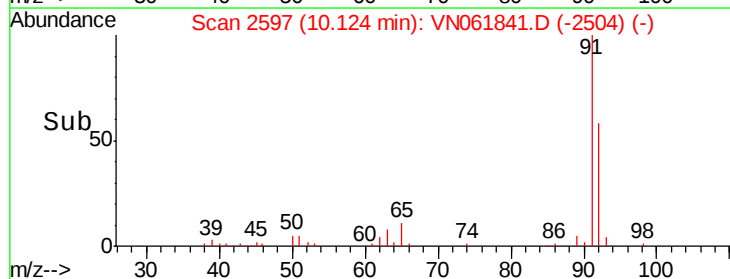
60000

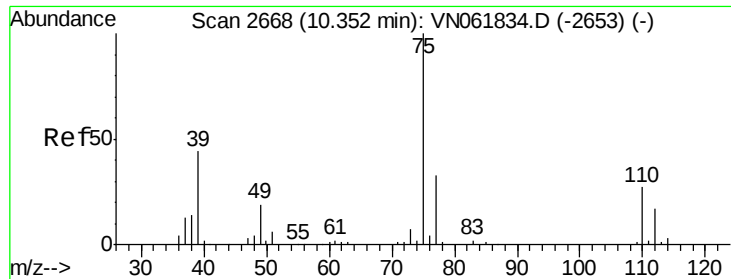
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.870 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

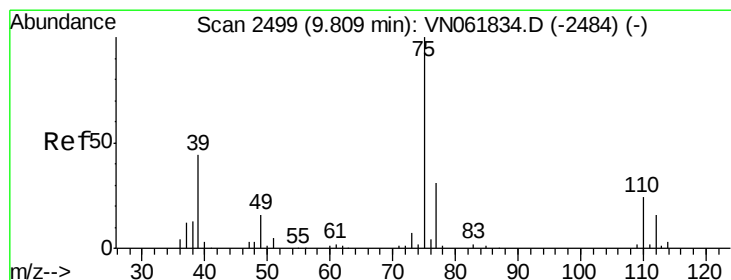
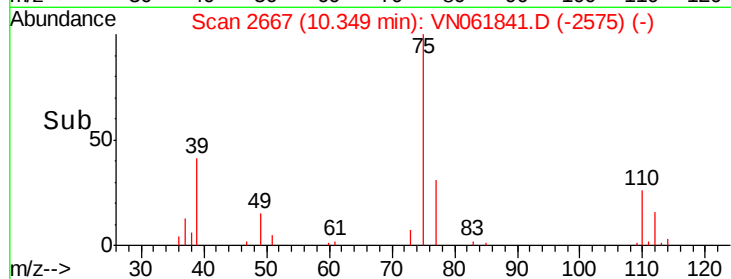
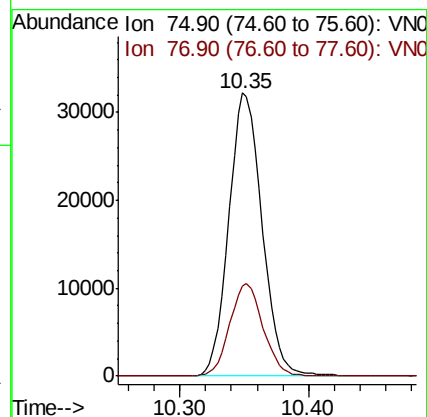
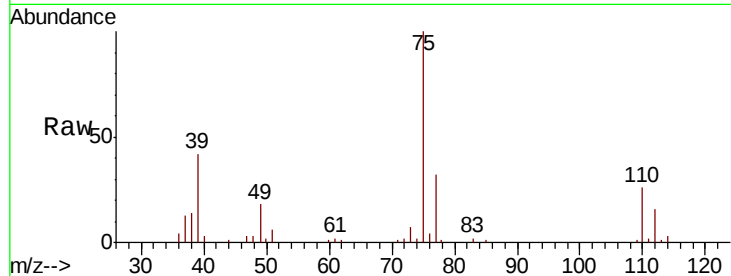
VN0617WBS01

Tot Ion: 75 Resp: 57752

Ion Ratio Lower Upper

75 100

77 31.9 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 19.580 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

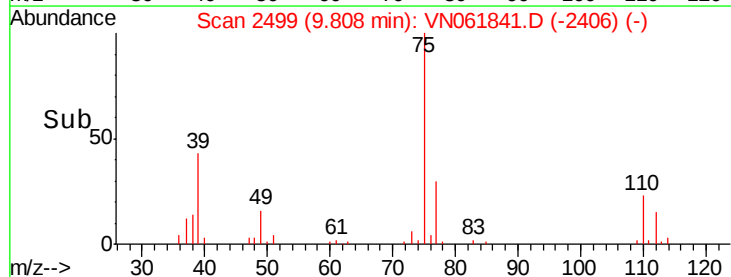
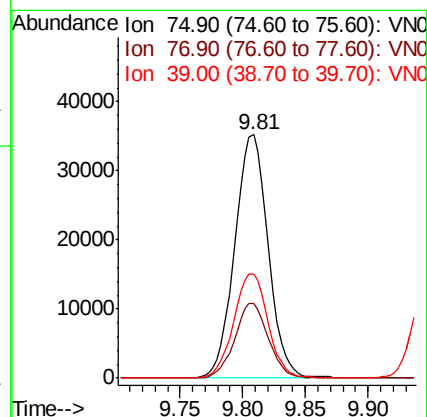
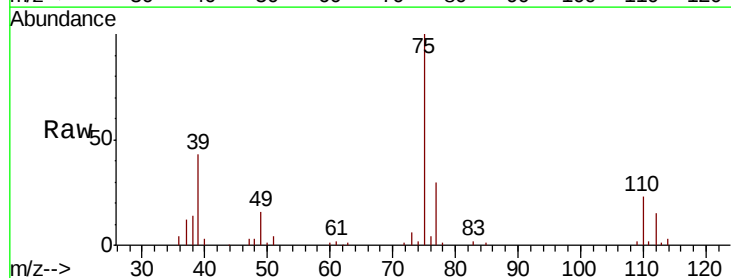
Tgt Ion: 75 Resp: 65088

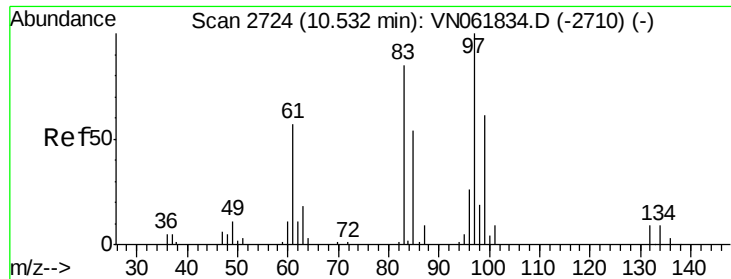
Ion Ratio Lower Upper

75 100

77 30.4 24.8 37.2

39 42.8 35.4 53.0

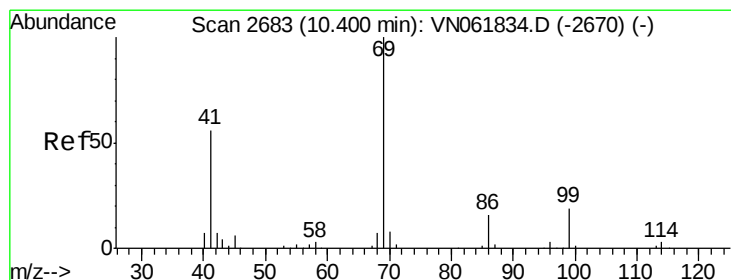
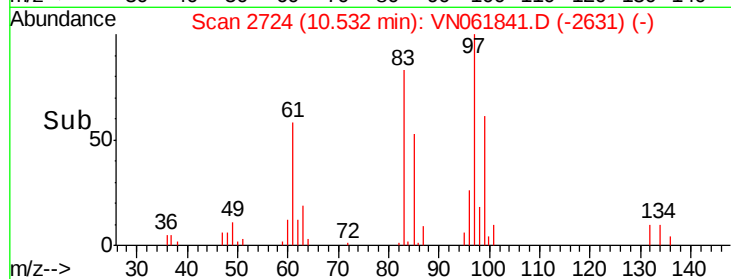
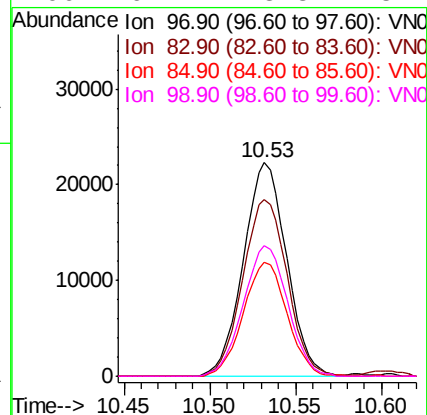
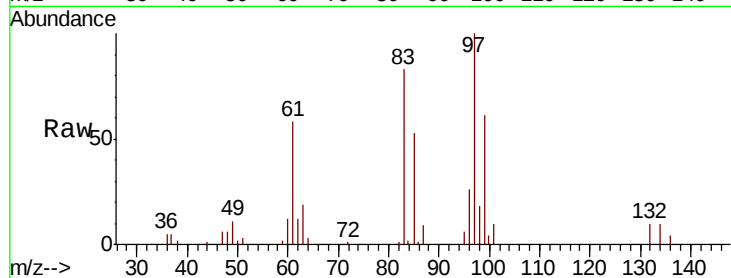




#55
 1,1,2-Trichloroethane
 Concen: 19.435 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

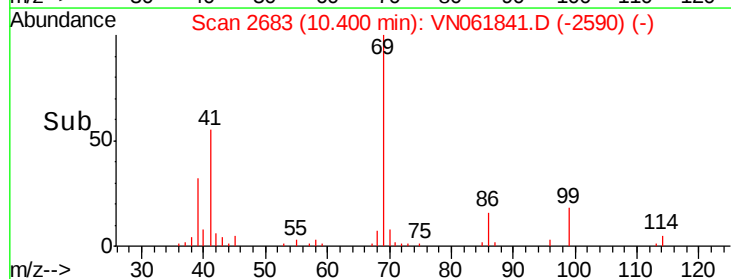
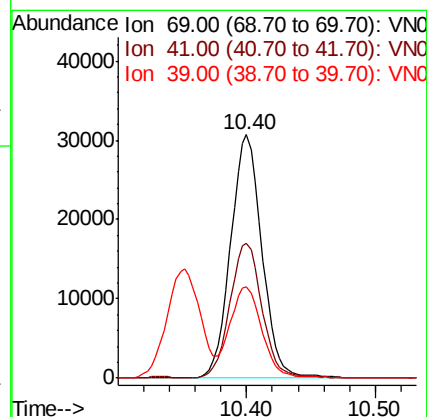
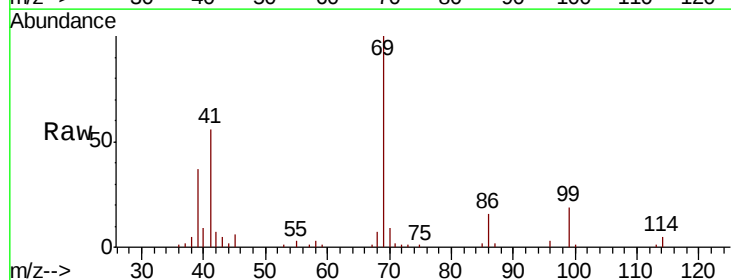
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

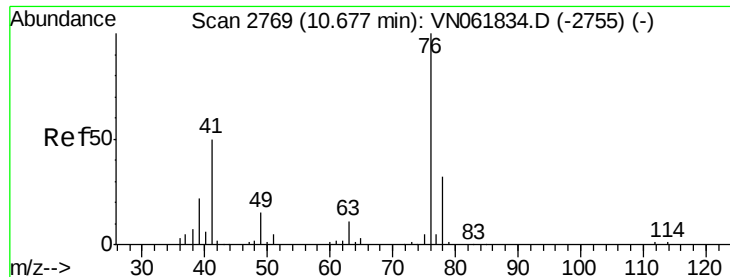
Tot Ion: 97 Resp: 39070
 Ion Ratio Lower Upper
 97 100
 83 83.0 67.7 101.5
 85 53.1 43.4 65.0
 99 61.1 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 18.729 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion: 69 Resp: 51595
 Ion Ratio Lower Upper
 69 100
 41 56.9 44.9 67.3
 39 37.0 30.0 45.0

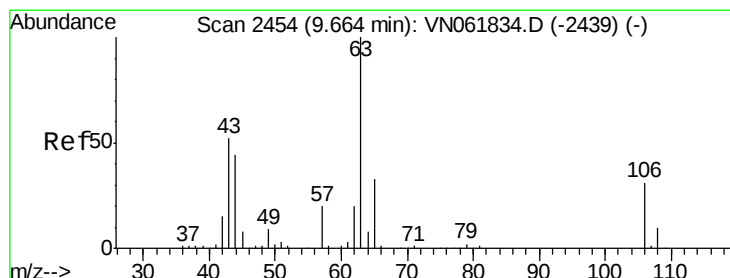
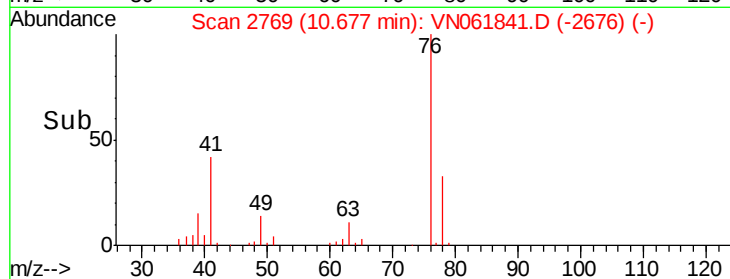
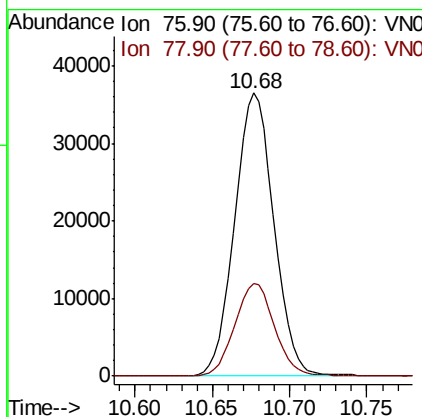
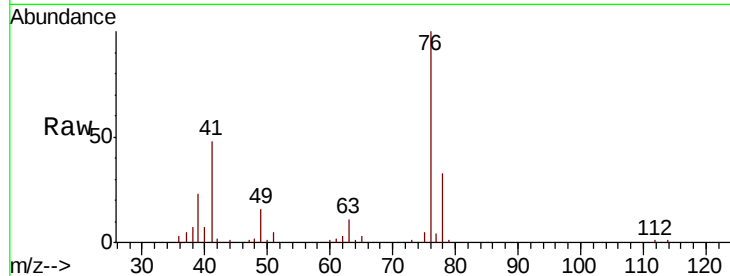




#57
 1,3-Dichloropropane
 Concen: 18.873 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

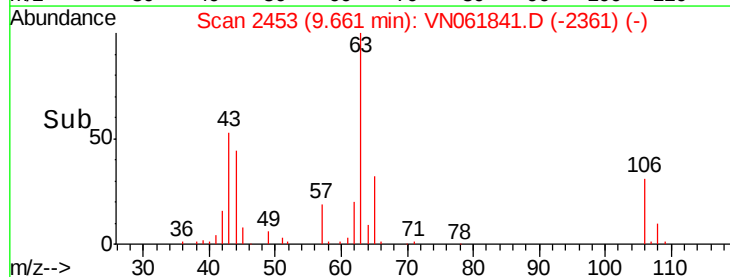
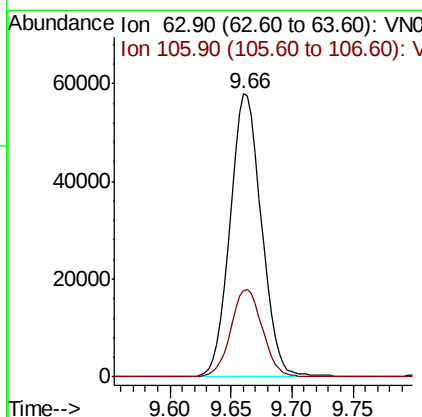
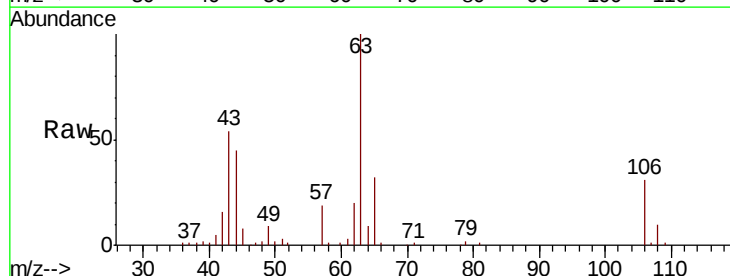
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

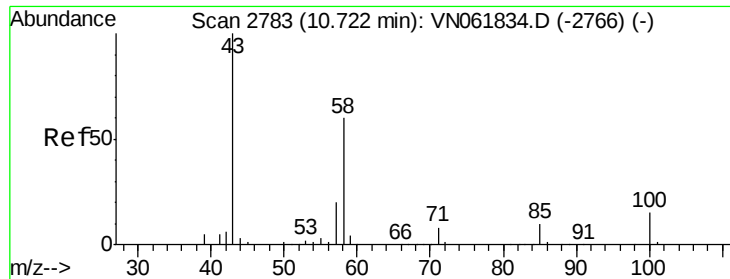
Tot Ion: 76 Resp: 64277
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.155 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion: 63 Resp: 104139
 Ion Ratio Lower Upper
 63 100
 106 31.0 24.6 36.8

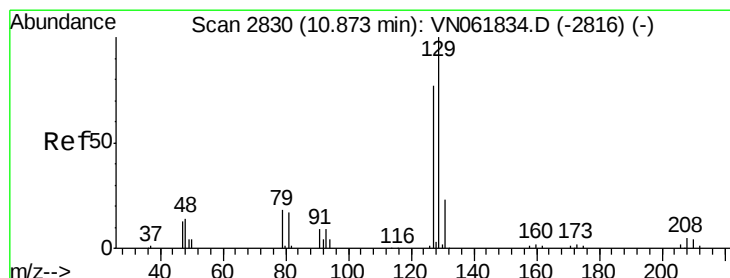
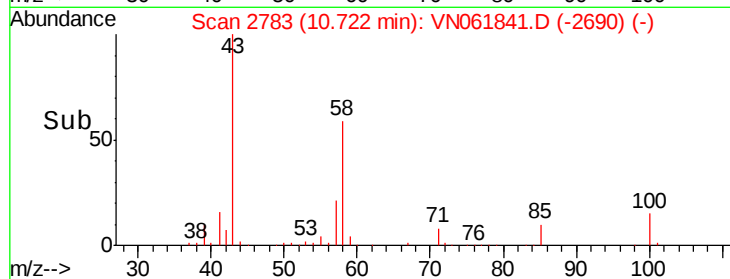
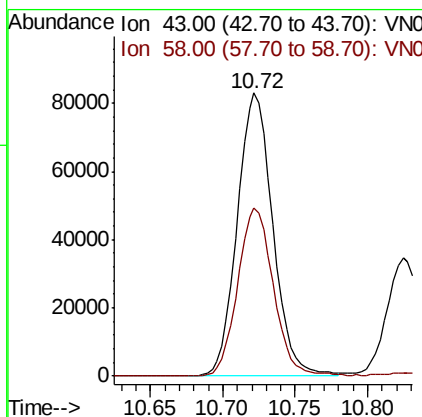
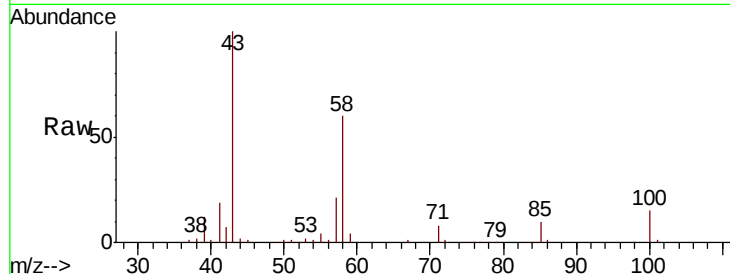




#59
2-Hexanone
Concen: 93.825 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

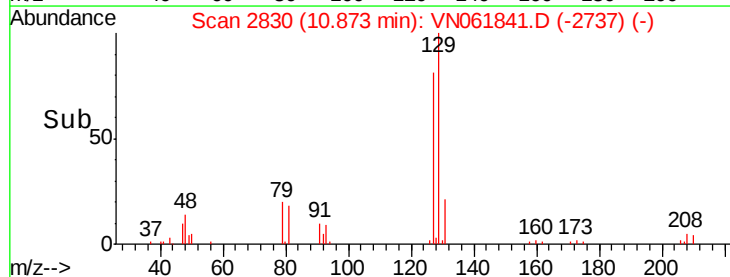
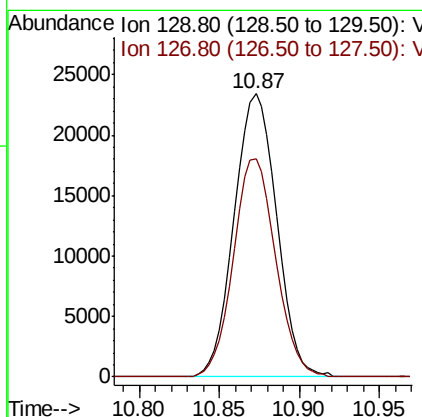
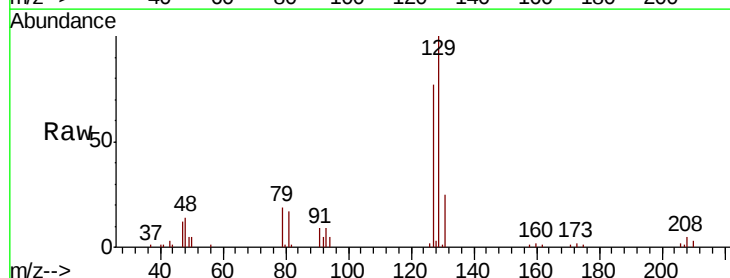
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion: 43 Resp: 141792
Ion Ratio Lower Upper
43 100
58 59.7 30.1 90.5



#60
Dibromochloromethane
Concen: 18.924 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion: 129 Resp: 42450
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5

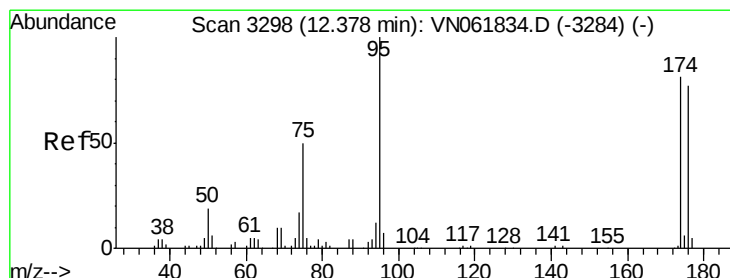
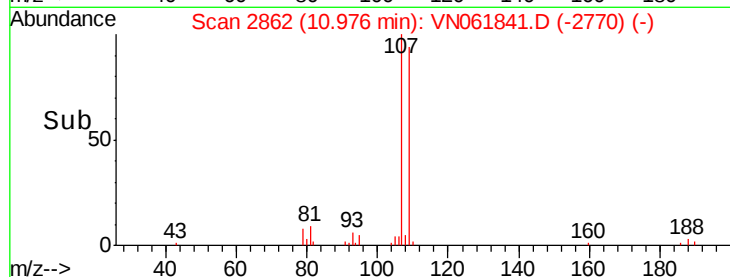
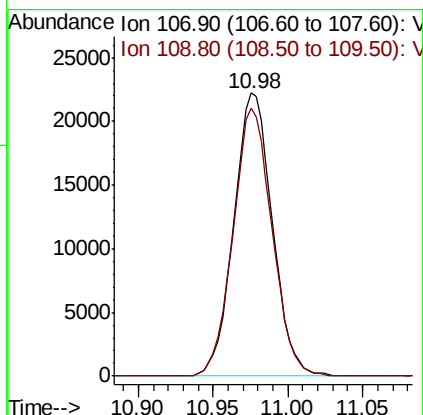
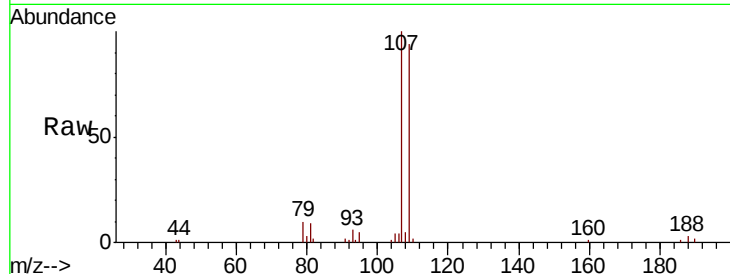




#61
 1,2-Dibromoethane
 Concen: 18.965 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

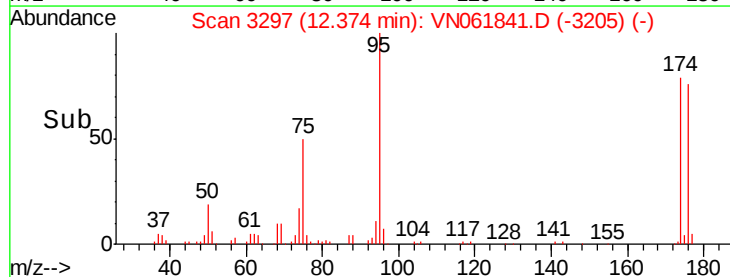
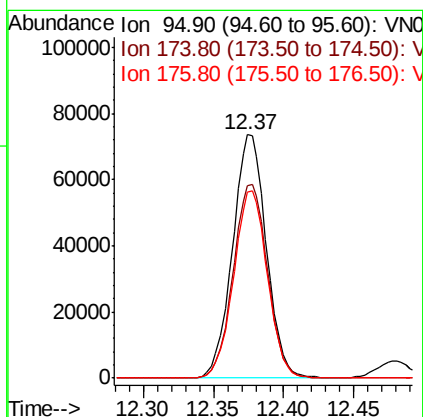
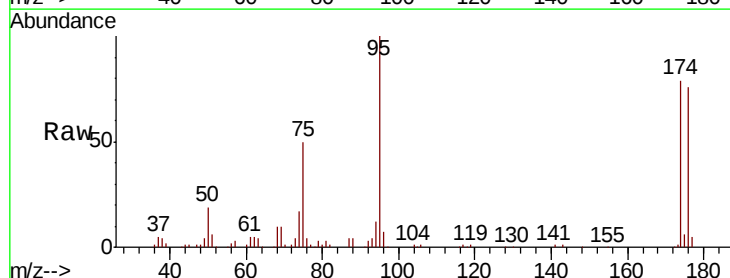
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tot Ion:107 Resp: 39811
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.498 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion: 95 Resp: 123200
 Ion Ratio Lower Upper
 95 100
 174 81.0 0.0 158.6
 176 77.3 0.0 152.0

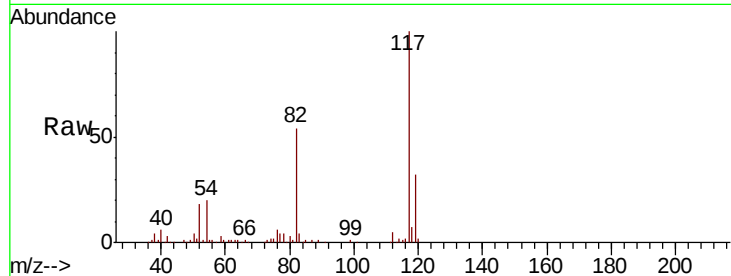




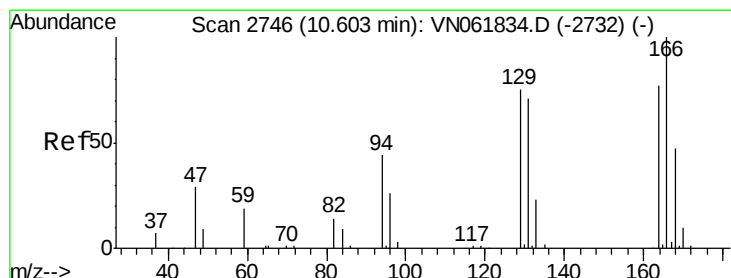
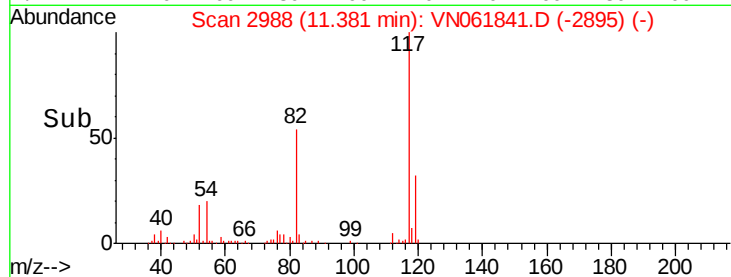
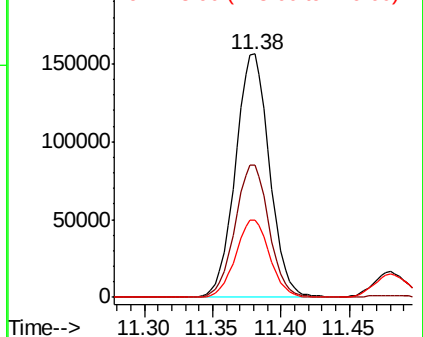
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion:117 Resp: 270549
Ion Ratio Lower Upper
117 100
82 54.1 42.6 64.0
119 31.9 24.7 37.1

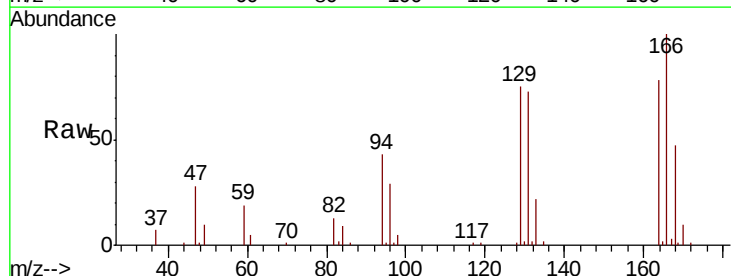


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

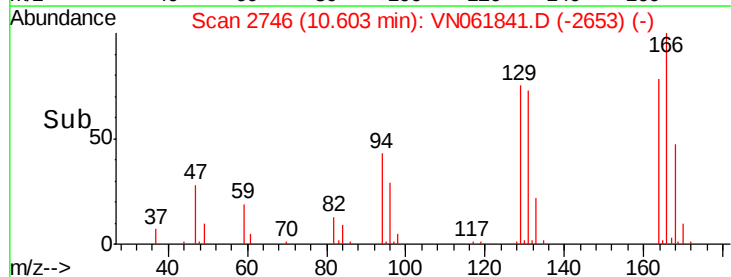
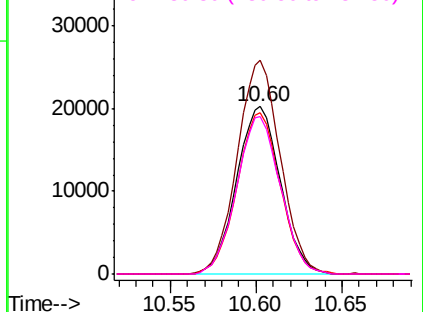


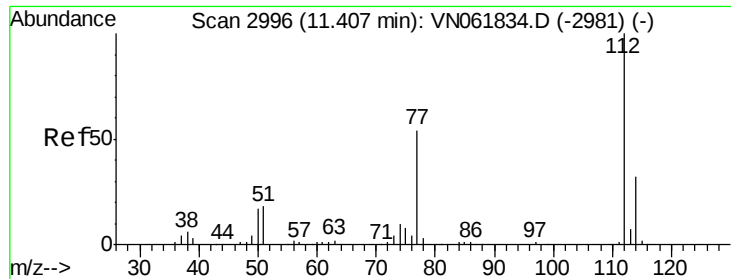
#64
Tetrachloroethene
Concen: 20.795 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion:164 Resp: 35858
Ion Ratio Lower Upper
164 100
166 127.7 103.5 155.3
129 96.1 77.5 116.3
131 93.8 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

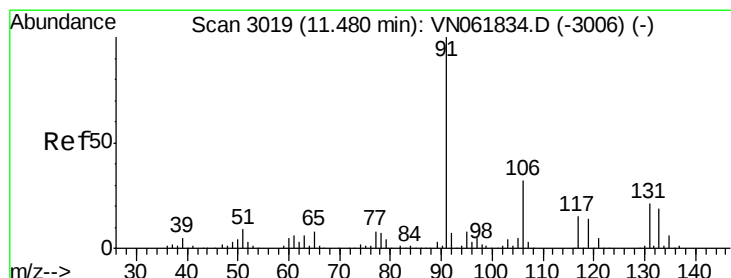
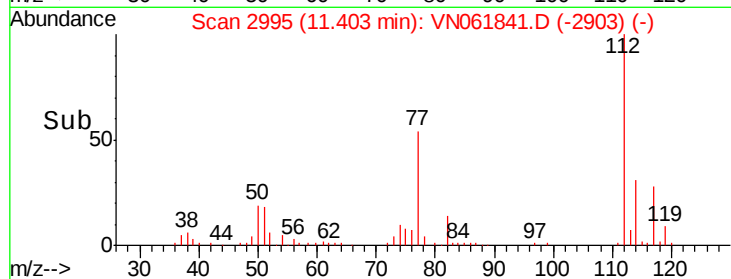
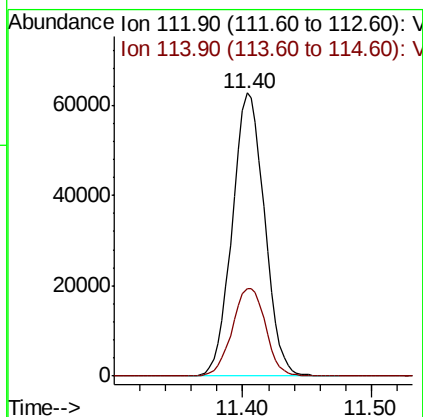
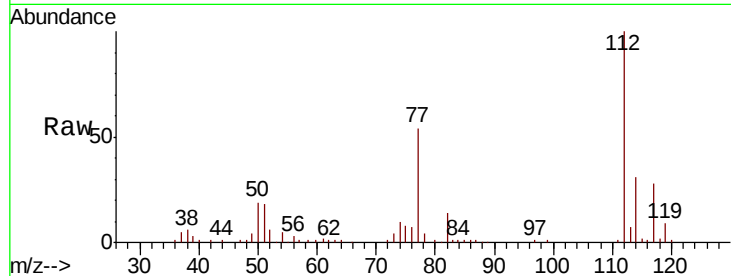




#65
Chlorobenzene
Concen: 19.088 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

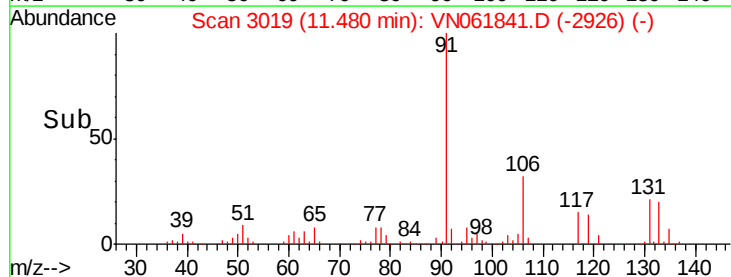
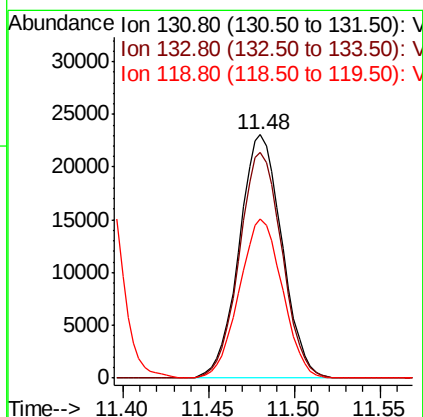
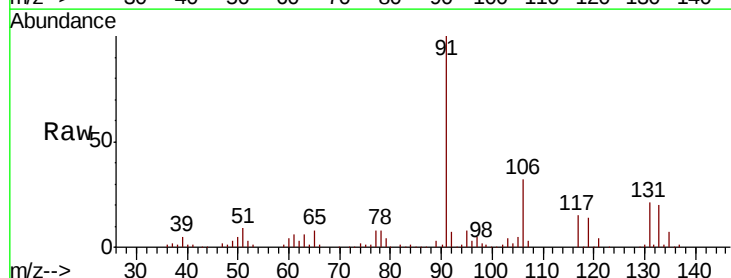
Instrument :
MSVOA_N
ClientSampled :
VN0617WBS01

Tot Ion:112 Resp: 108968
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.958 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion:131 Resp: 39737
Ion Ratio Lower Upper
131 100
133 92.6 47.5 142.5
119 65.9 34.0 101.8

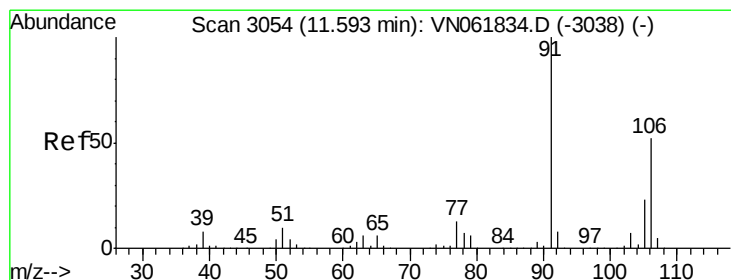
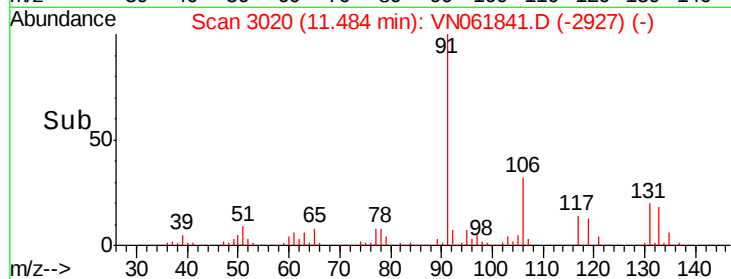
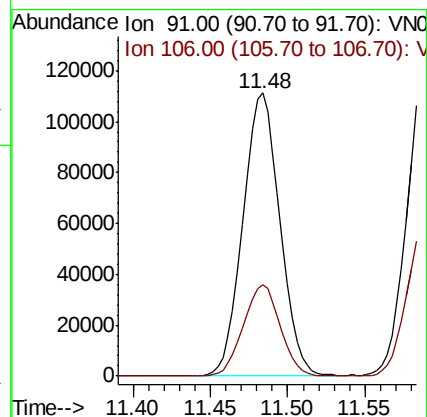
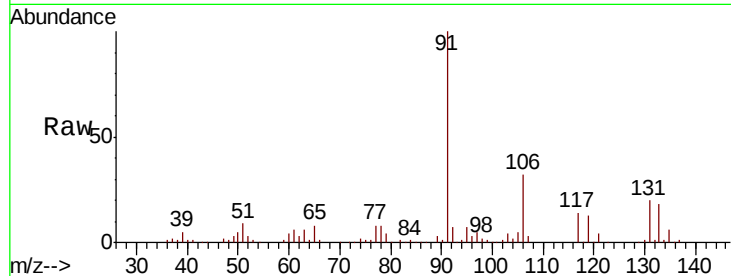




#67
Ethyl Benzene
Concen: 19.330 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

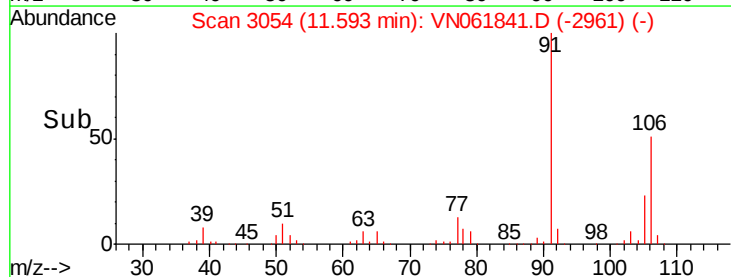
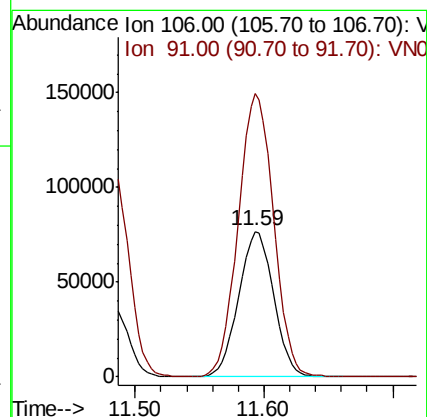
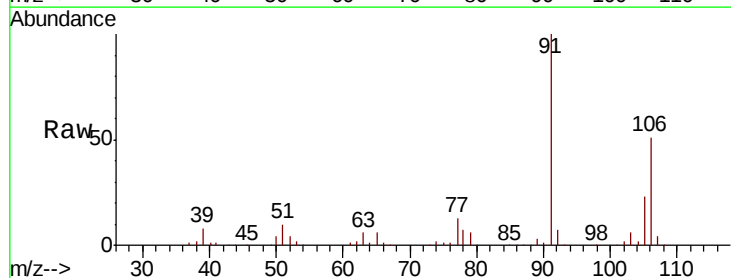
Instrument :
MSVOA_N
ClientSampled :
VN0617WBS01

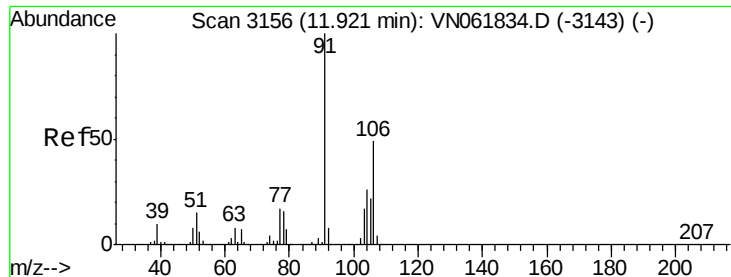
Tot Ion: 91 Resp: 185024
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2



#68
m/p-Xylenes
Concen: 39.274 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion: 106 Resp: 144952
Ion Ratio Lower Upper
106 100
91 196.3 157.0 235.6

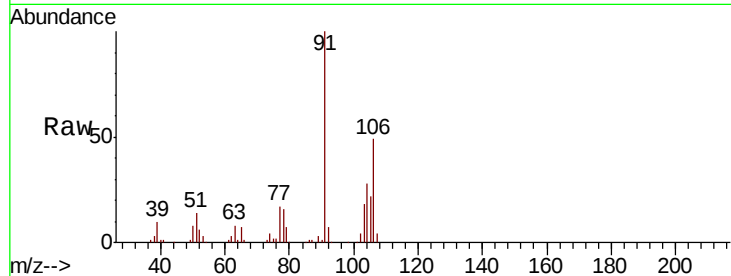




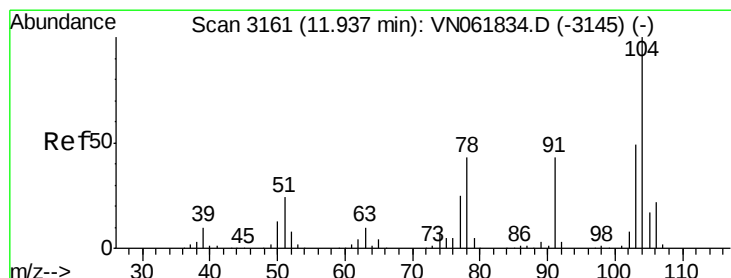
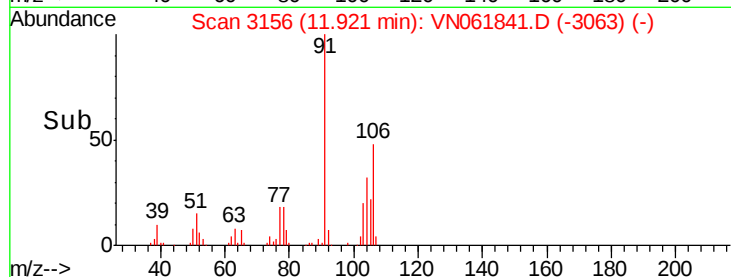
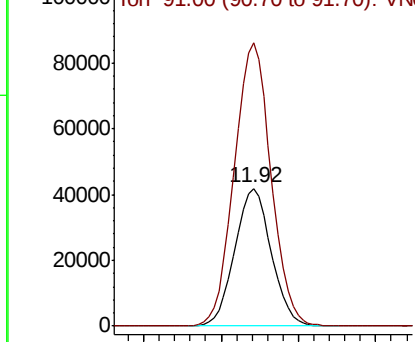
#69
o-Xylene
Concen: 19.446 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampled :
VN0617WBS01

Tot Ion:106 Resp: 68482
Ion Ratio Lower Upper
106 100
91 207.6 103.0 308.9

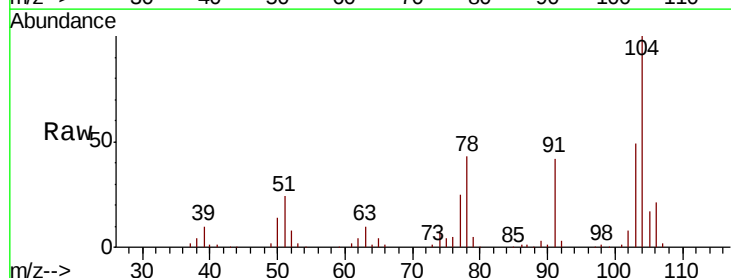


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

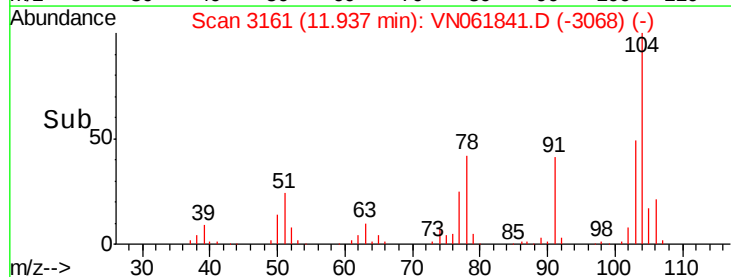
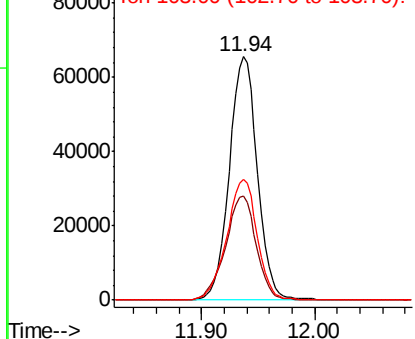


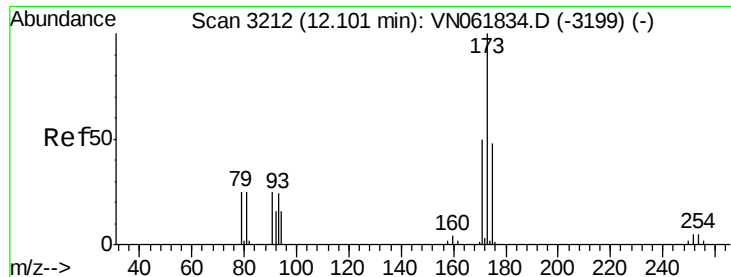
#70
Styrene
Concen: 19.154 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion:104 Resp: 112941
Ion Ratio Lower Upper
104 100
78 46.7 37.6 56.4
103 53.8 43.0 64.4



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





#71

Bromoform

Concen: 19.005 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

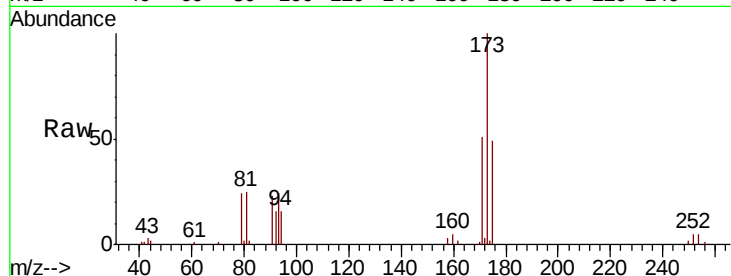
Tot Ion:173 Resp: 27590

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.7

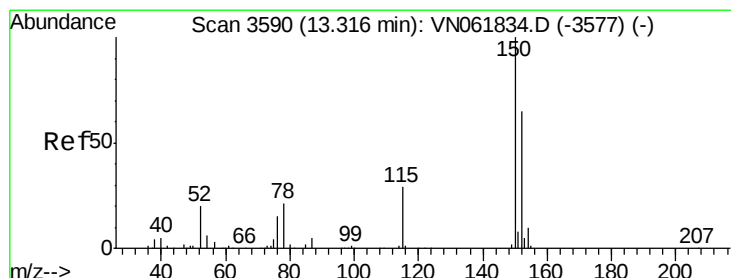
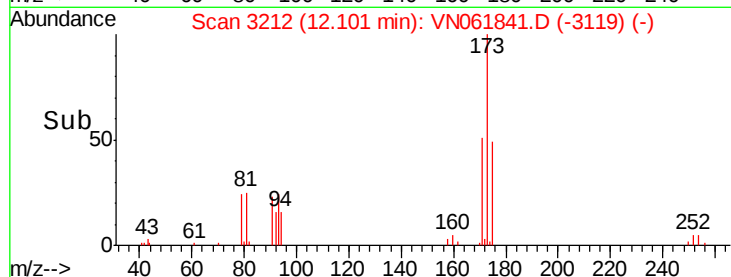
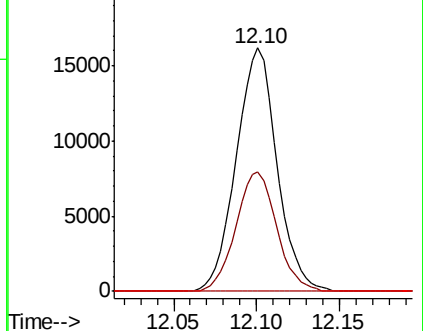
254 0.0 0.0 0.0



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: VN061841.D

Acq: 17 Jun 2020 12:11

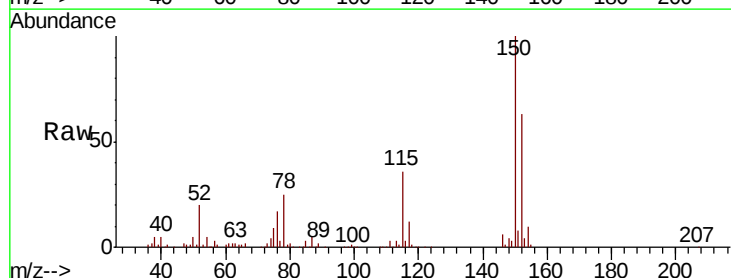
Tgt Ion:152 Resp: 127827

Ion Ratio Lower Upper

152 100

115 56.8 29.1 87.3

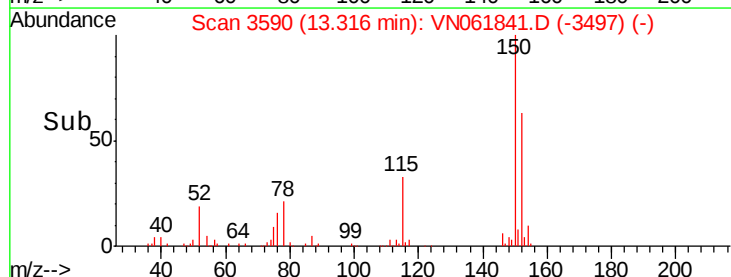
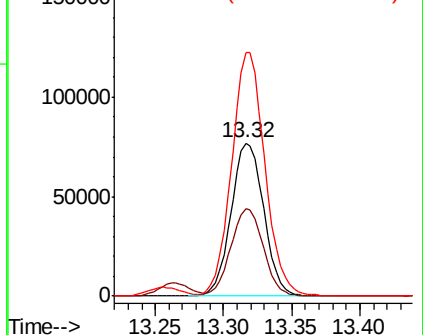
150 161.9 0.0 347.6

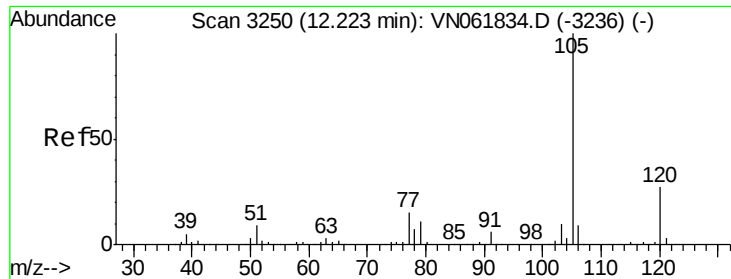


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.589 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

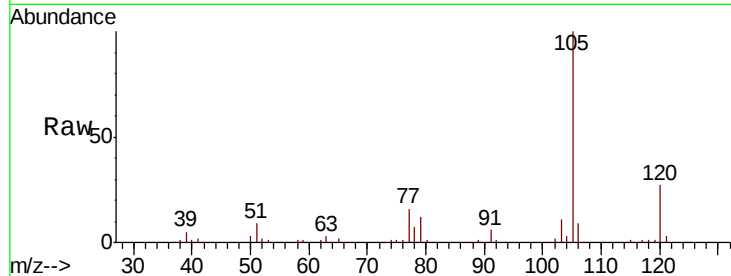
VN0617WBS01

Tot Ion:105 Resp: 177942

Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

40000

20000

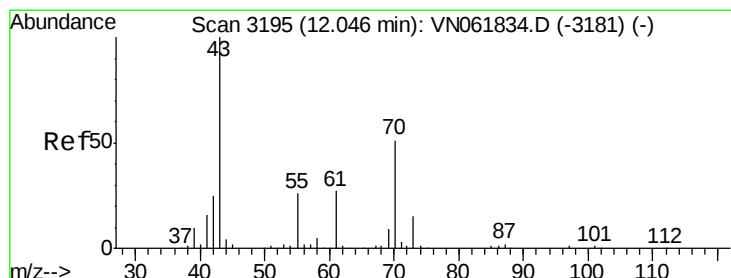
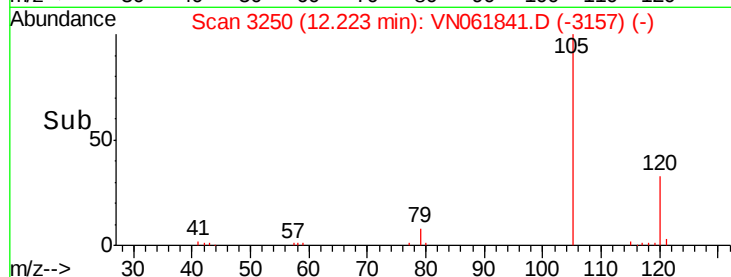
0

12.22

12.20

12.30

Time-->



#74

N-ethyl acetate

Concen: 19.081 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Tgt Ion: 43 Resp: 56127

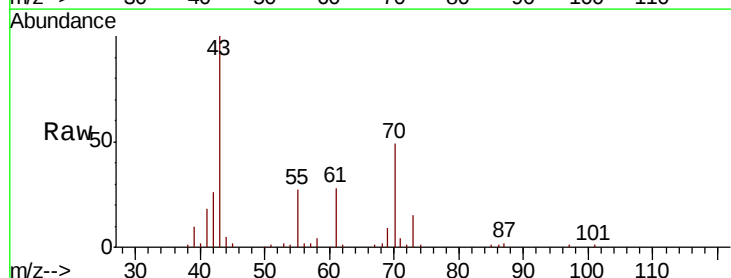
Ion Ratio Lower Upper

43 100

70 48.5 40.6 60.8

55 26.1 21.5 32.3

61 26.5 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

50000

40000

30000

20000

10000

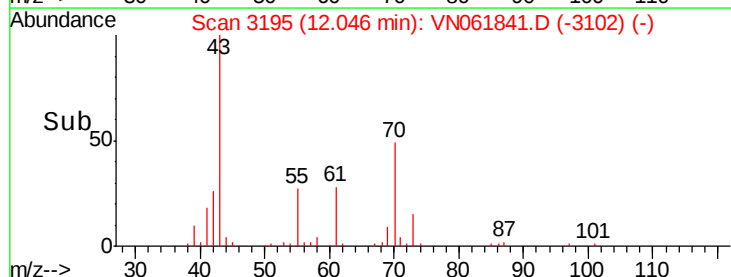
0

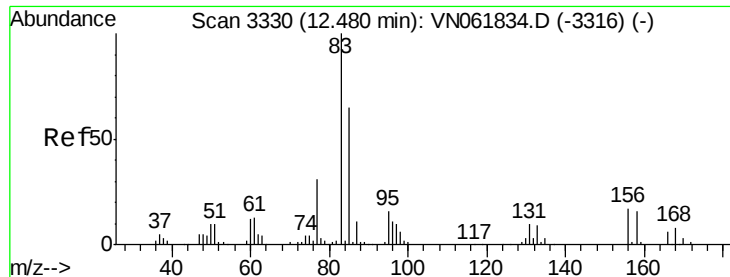
12.05

12.00

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.425 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

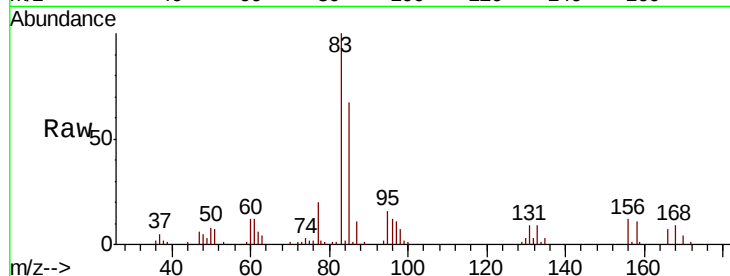
Tot Ion: 83 Resp: 54414

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

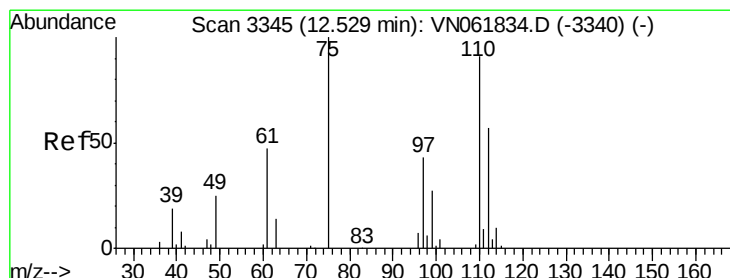
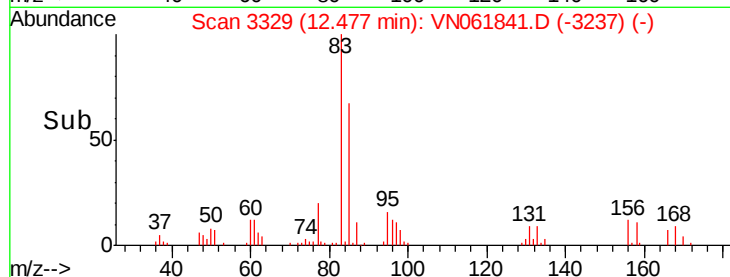
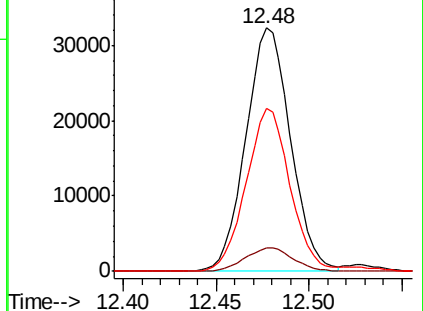
85 66.9 32.4 97.2



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: 26.866 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061841.D

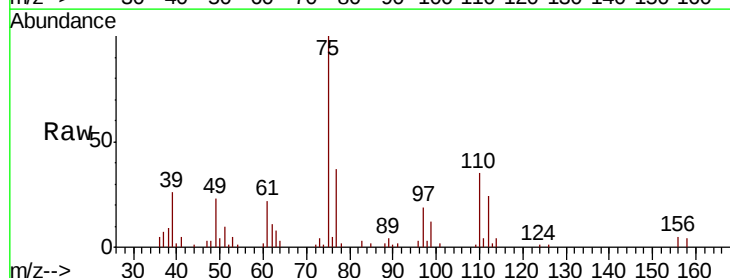
Acq: 17 Jun 2020 12:11

Tgt Ion: 75 Resp: 67422

Ion Ratio Lower Upper

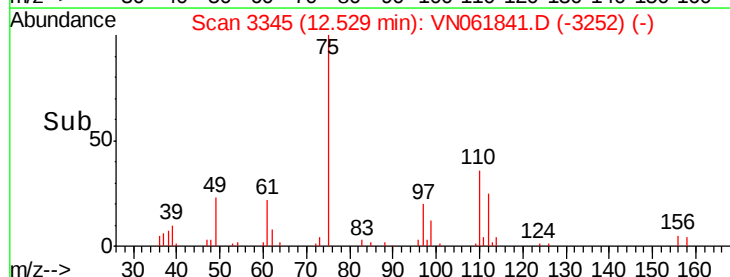
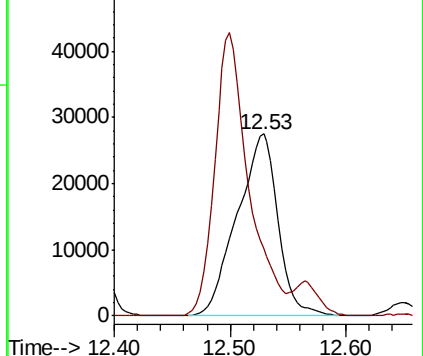
75 100

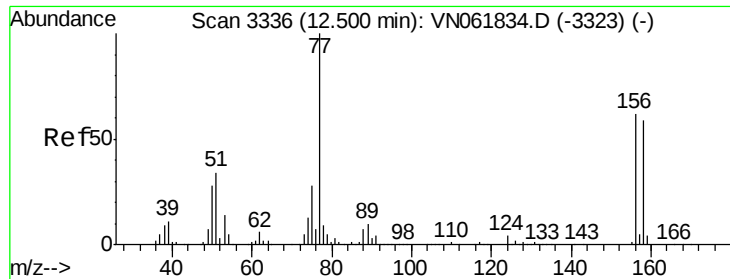
77 0.0 0.0 0.0



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: 19.593 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

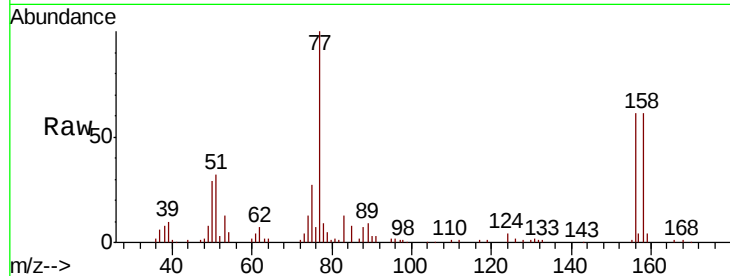
Tot Ion:156 Resp: 44900

Ion Ratio Lower Upper

156 100

77 194.0 100.7 302.1

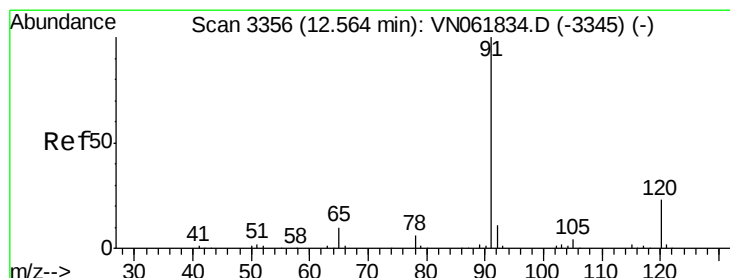
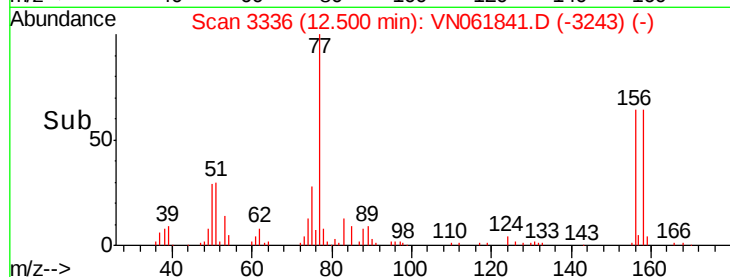
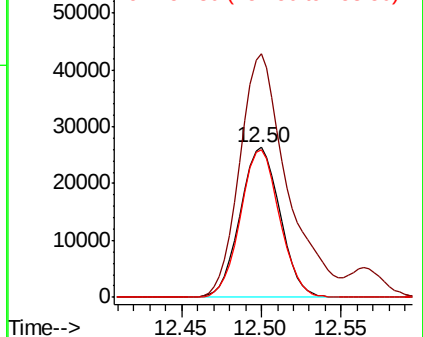
158 96.4 48.5 145.5



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: 19.364 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061841.D

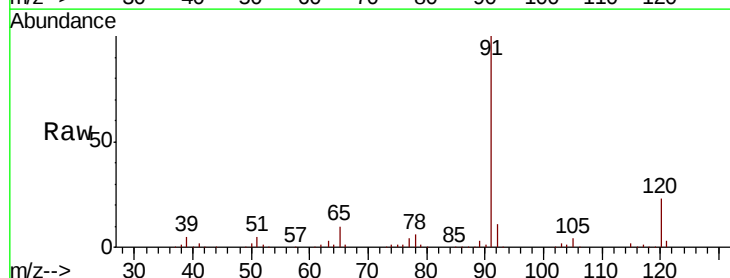
Acq: 17 Jun 2020 12:11

Tgt Ion: 91 Resp: 200698

Ion Ratio Lower Upper

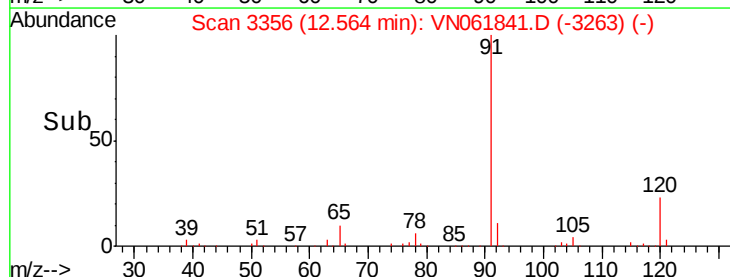
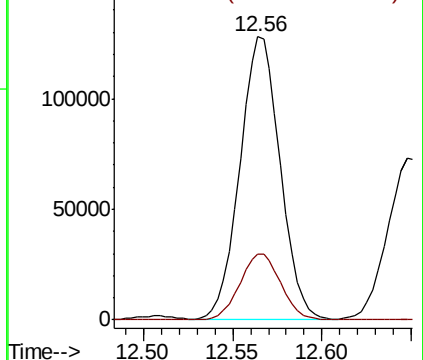
91 100

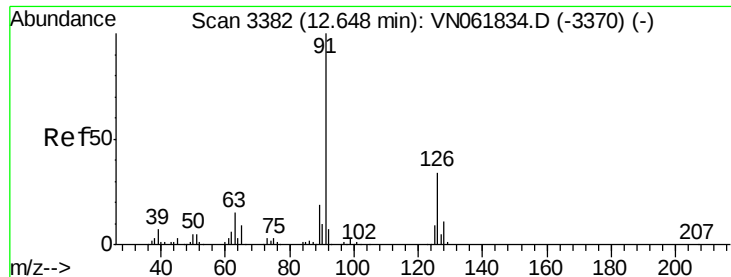
120 23.8 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

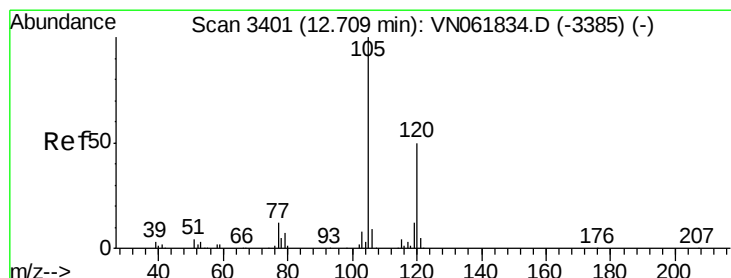
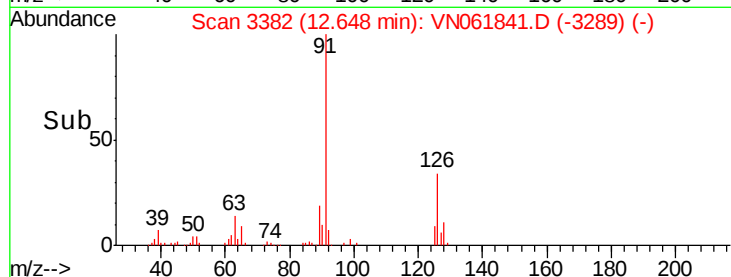
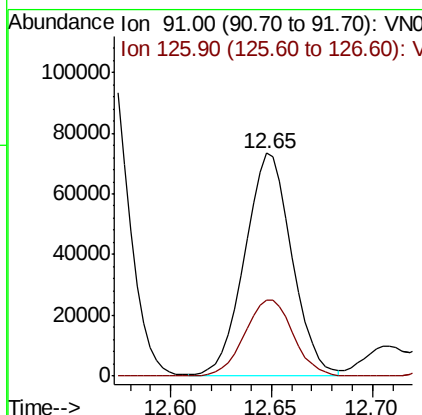
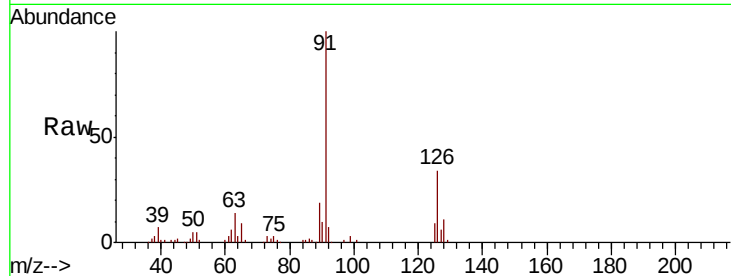




#79
 2-Chlorotoluene
 Concen: 19.155 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

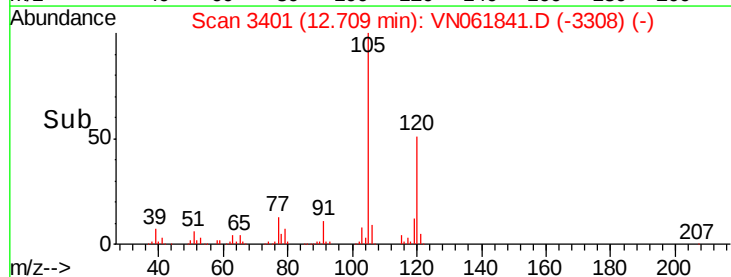
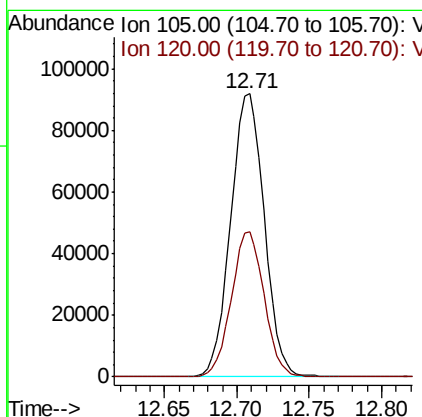
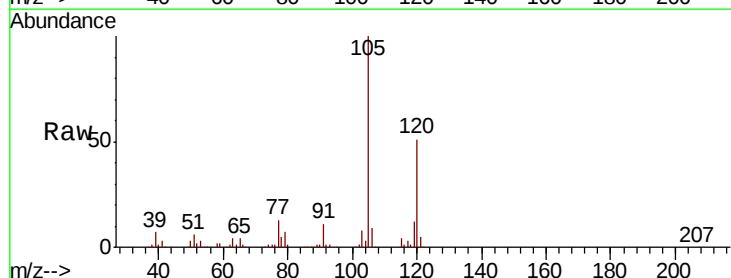
Instrument :
 MSVOA_N
 ClientSampled :
 VN0617WBS01

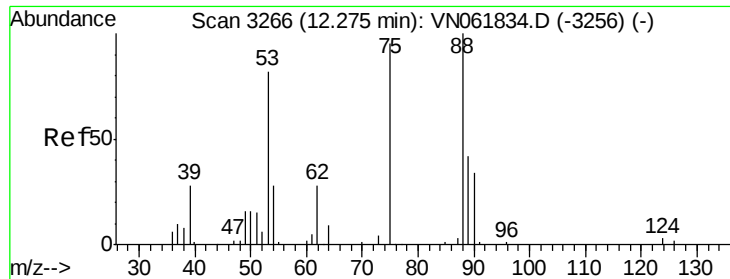
Tot Ion: 91 Resp: 119237
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.631 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion: 105 Resp: 147526
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 18.852 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

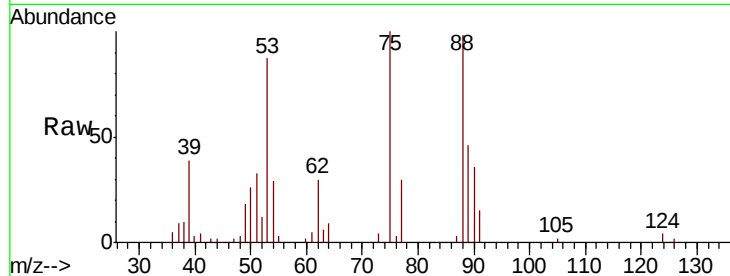
Tot Ion: 75 Resp: 17346

Ion Ratio Lower Upper

75 100

53 88.7 70.4 105.6

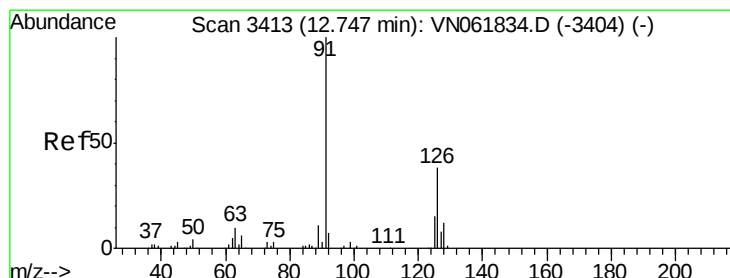
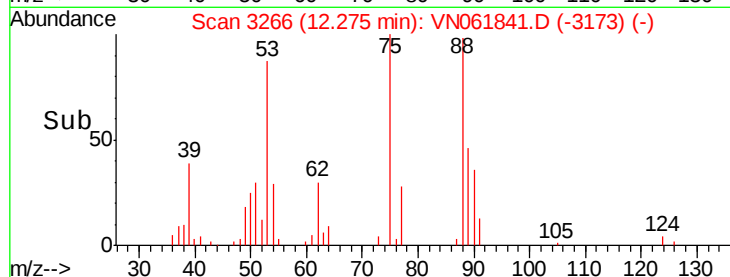
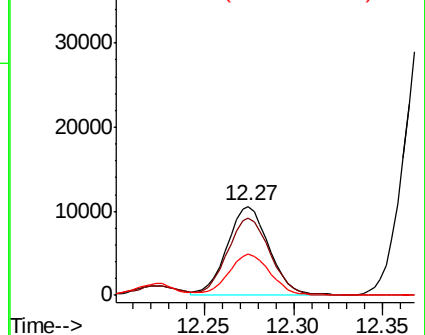
89 45.8 36.0 54.0



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: 19.372 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061841.D

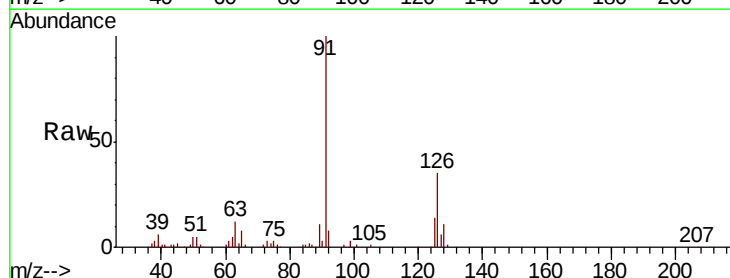
Acq: 17 Jun 2020 12:11

Tgt Ion: 91 Resp: 124607

Ion Ratio Lower Upper

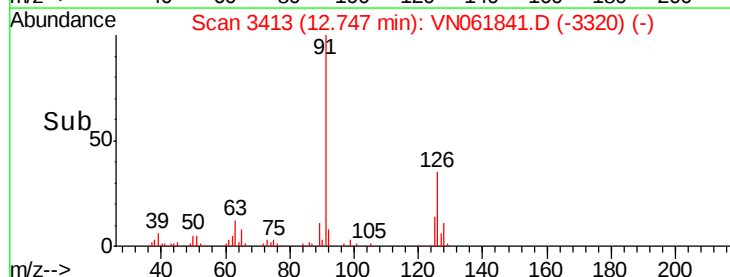
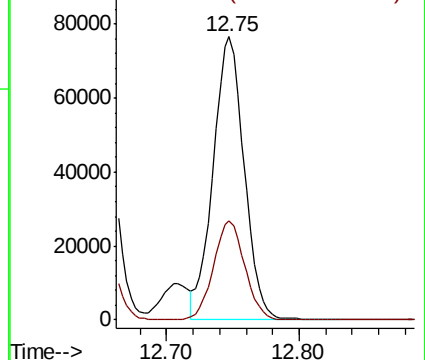
91 100

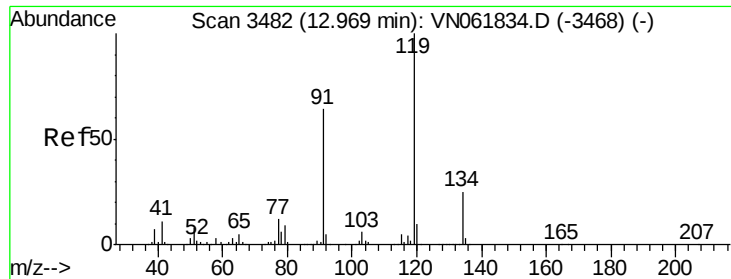
126 35.1 17.2 51.6



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

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

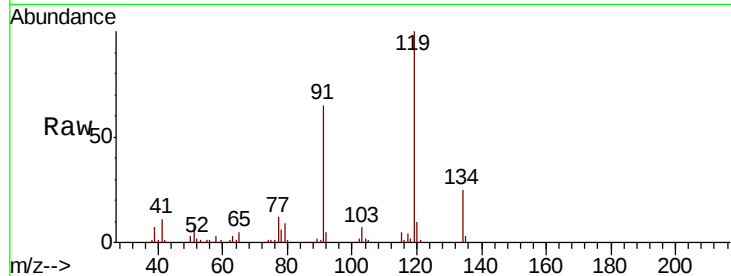




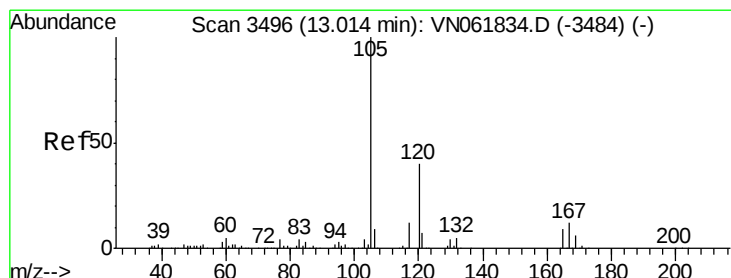
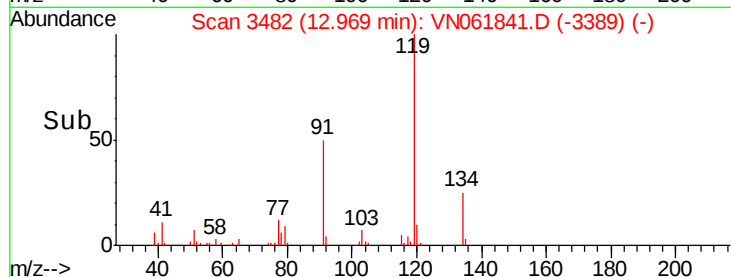
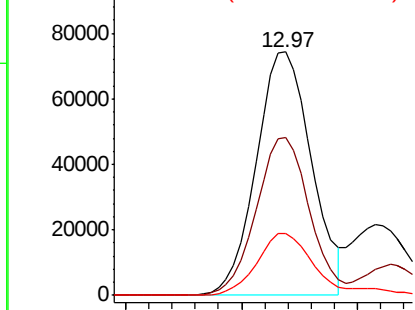
#83
tert-Butylbenzene
Concen: 19.368 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	31.5	94.5
134	25.3	13.3	39.9

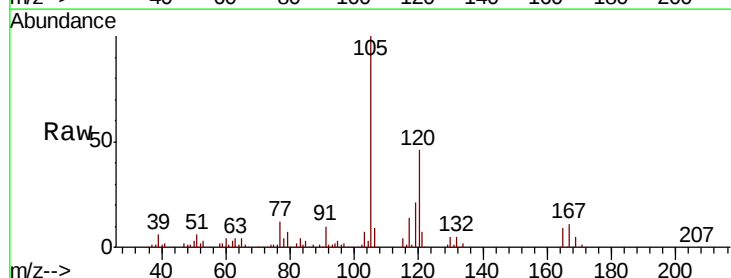


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

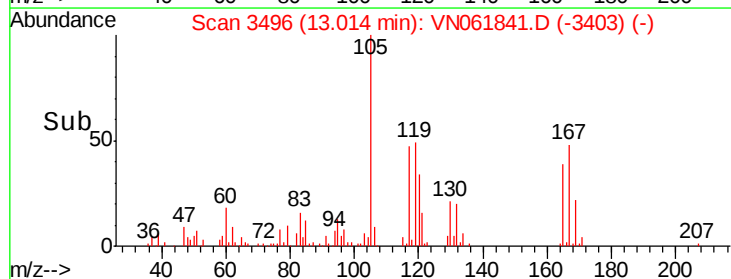
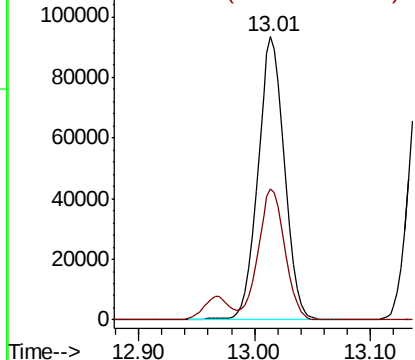


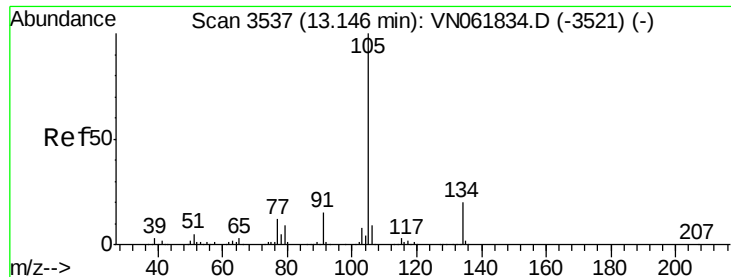
#84
1,2,4-Trimethylbenzene
Concen: 20.053 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.3	69.9



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





#85

sec-Butylbenzene

Concen: 19.824 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

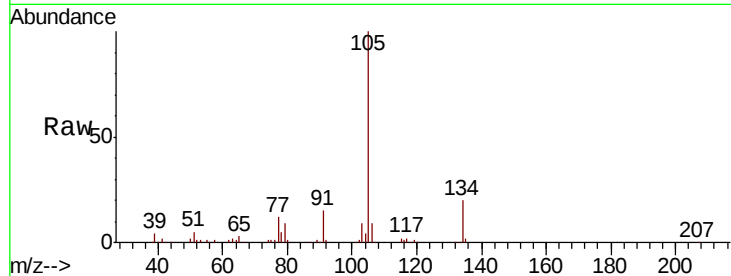
VN0617WBS01

Tot Ion:105 Resp: 165314

Ion Ratio Lower Upper

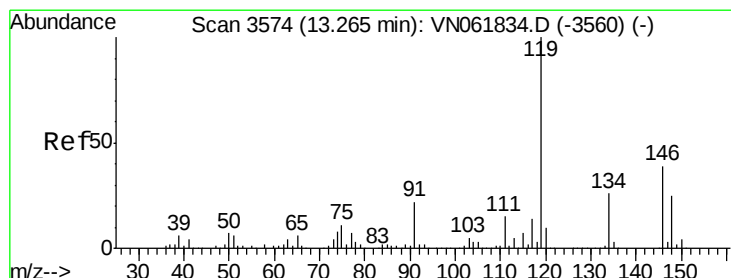
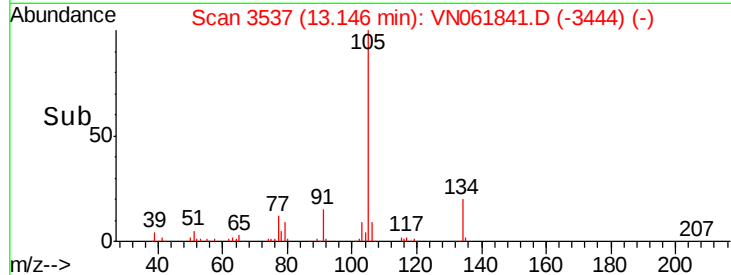
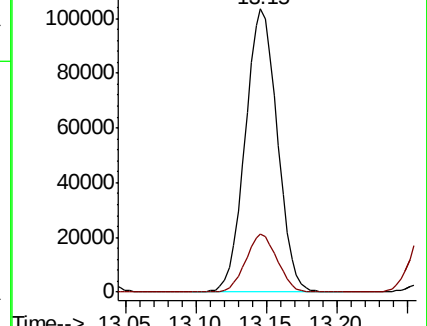
105 100

134 20.1 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: 20.341 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

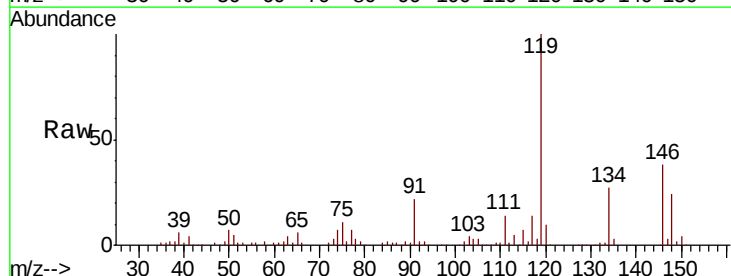
Tgt Ion:119 Resp: 151150

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

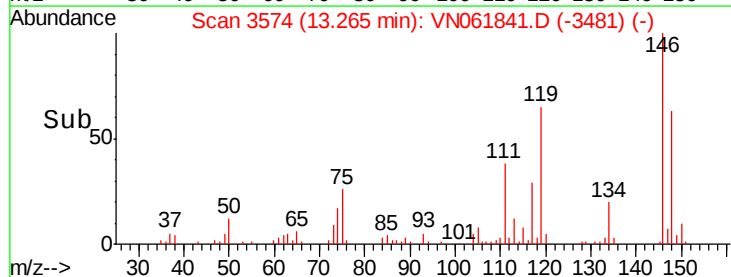
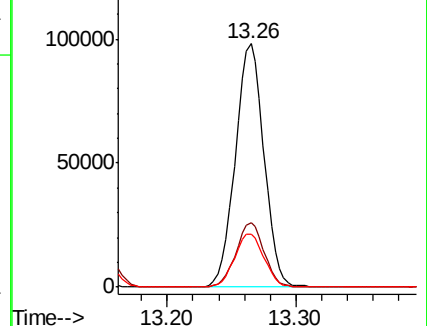
91 22.6 11.2 33.6



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

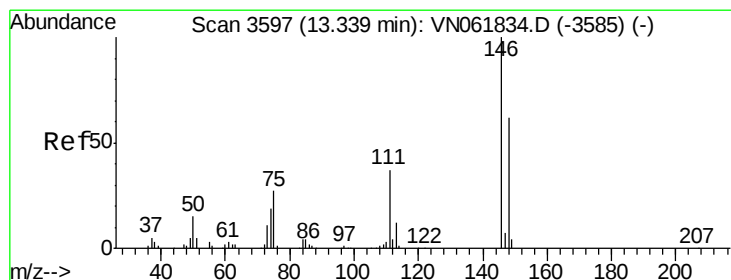
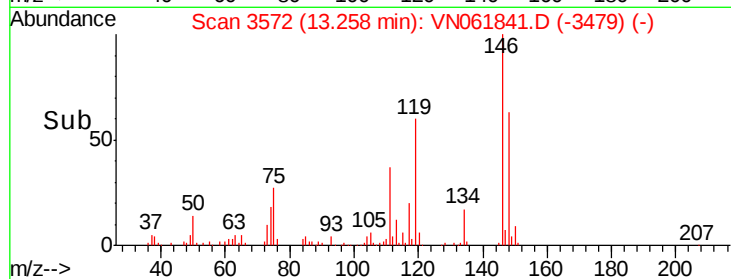
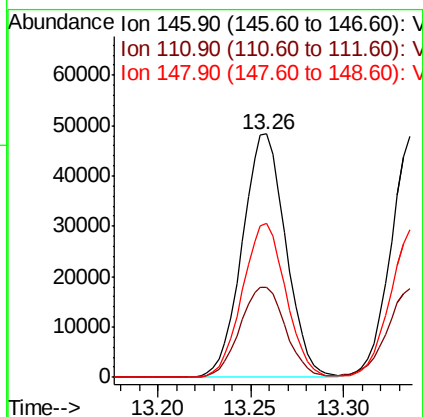
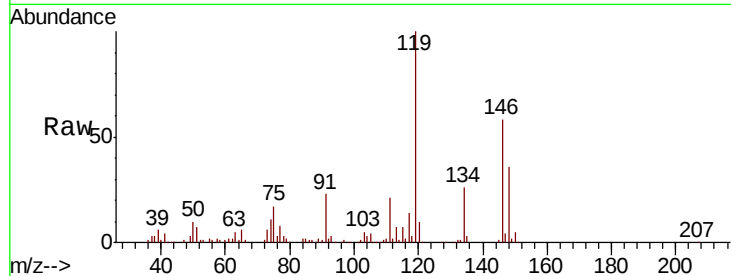




#87
 1,3-Dichlorobenzene
 Concen: 18.930 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

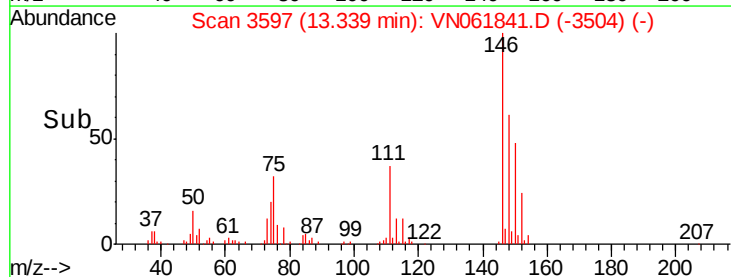
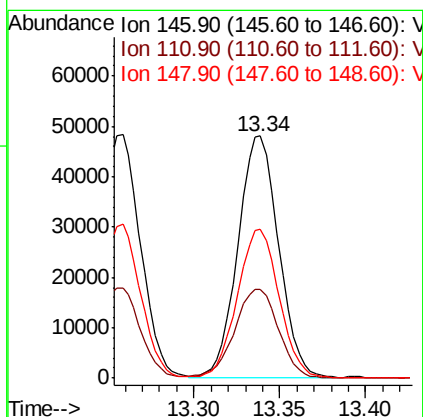
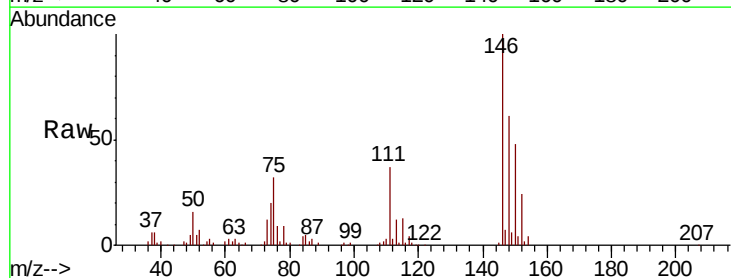
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tot Ion:146 Resp: 79123
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.6 58.8
 148 63.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.358 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion:146 Resp: 78543
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.3 57.8
 148 63.7 31.6 94.7

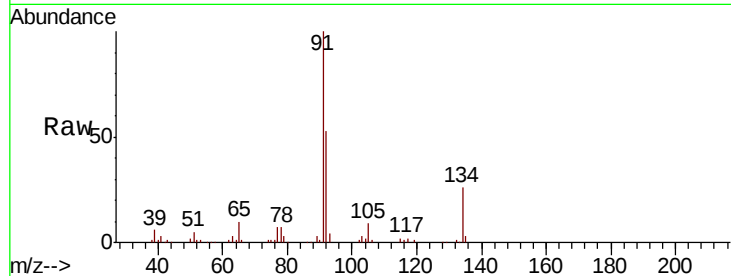




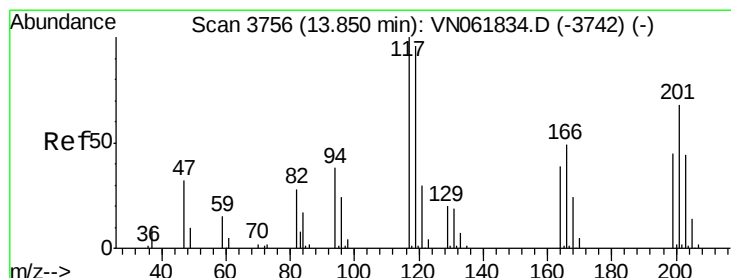
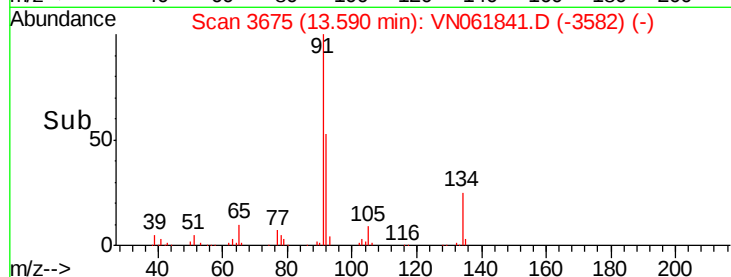
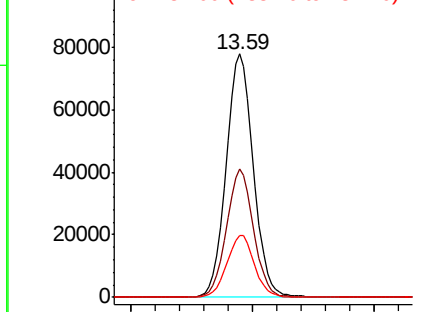
#89
n-Butylbenzene
Concen: 19.637 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Instrument :
MSVOA_N
ClientSampled :
VN0617WBS01

Tot Ion: 91 Resp: 121859
Ion Ratio Lower Upper
91 100
92 52.2 27.0 80.8
134 25.6 13.0 39.0

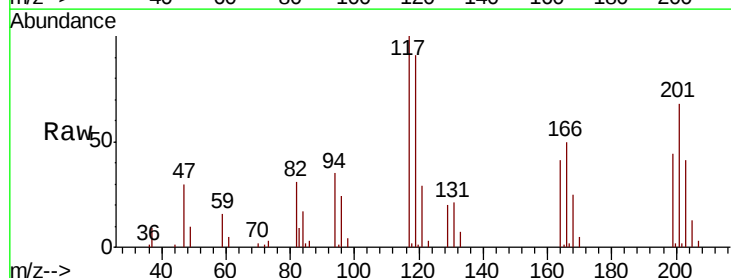


Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3661) (-)
Ion 92.00 (91.70 to 92.70): VN061834.D (-3661) (-)
Ion 134.00 (133.70 to 134.70): VN061834.D (-3661) (-)

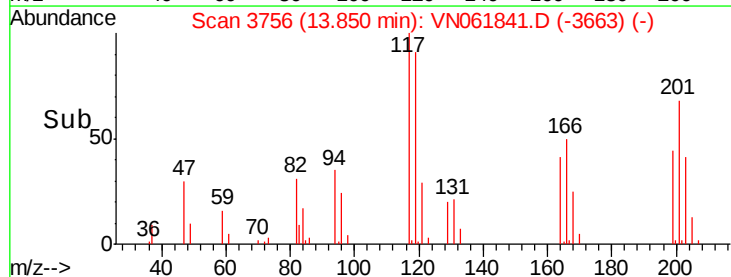
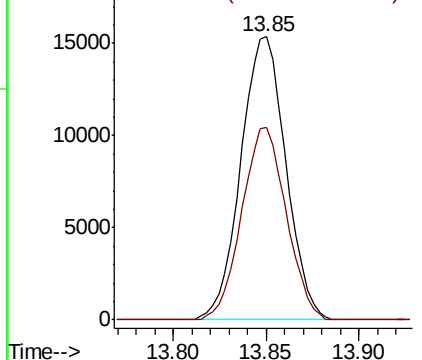


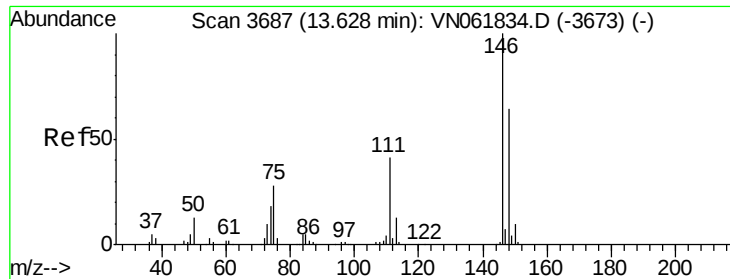
#90
Hexachloroethane
Concen: 19.118 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061841.D
Acq: 17 Jun 2020 12:11

Tgt Ion: 117 Resp: 26004
Ion Ratio Lower Upper
117 100
201 67.2 34.6 103.8



Abundance Ion 116.80 (116.50 to 117.50): VN061834.D (-3742) (-)
Ion 200.70 (200.40 to 201.40): VN061834.D (-3742) (-)

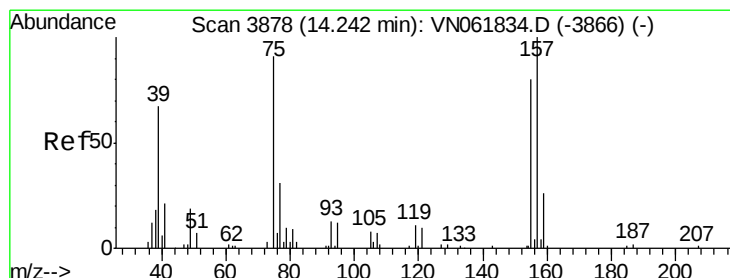
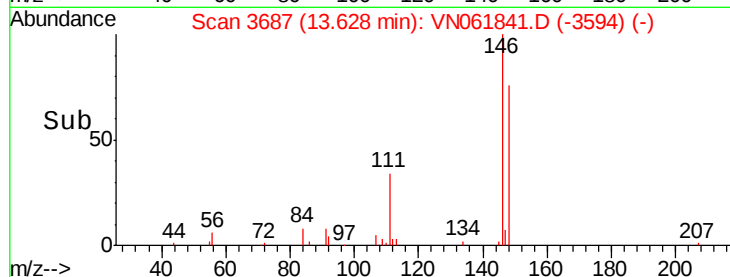
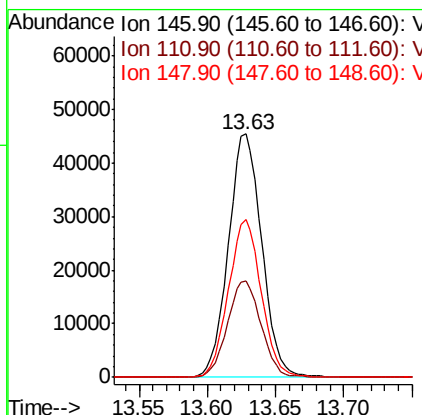
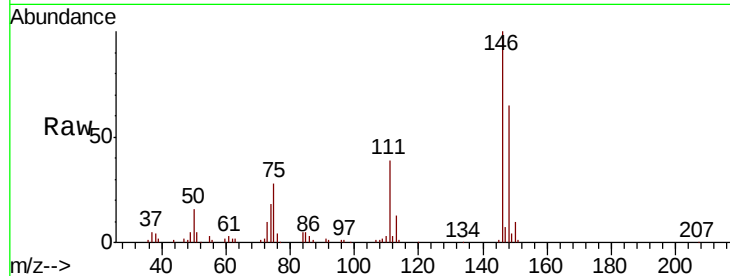




#91
 1,2-Dichlorobenzene
 Concen: 19.191 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

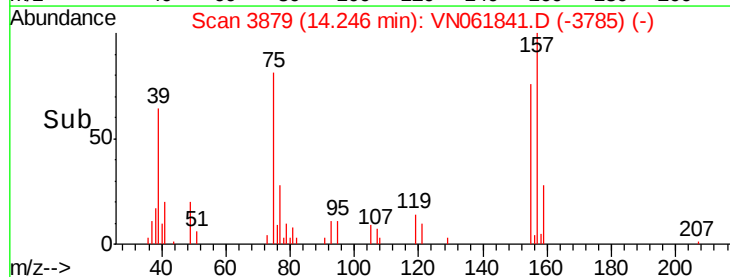
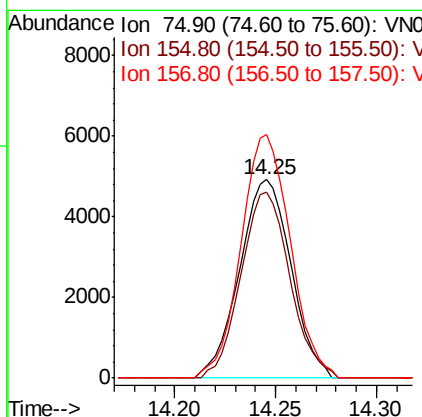
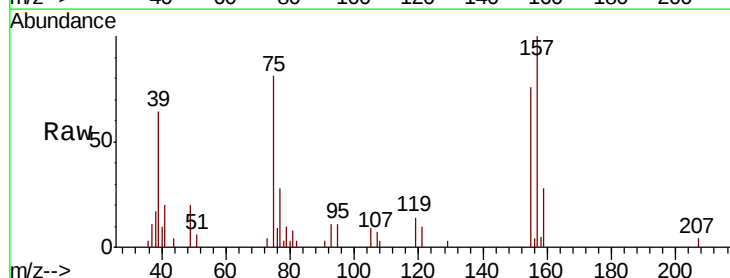
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

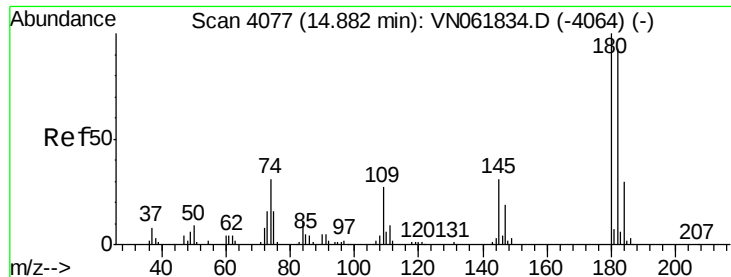
Tot Ion:146 Resp: 77220
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.4 61.2
 148 63.6 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.323 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion: 75 Resp: 8785
 Ion Ratio Lower Upper
 75 100
 155 89.1 44.4 133.2
 157 117.7 57.0 171.2

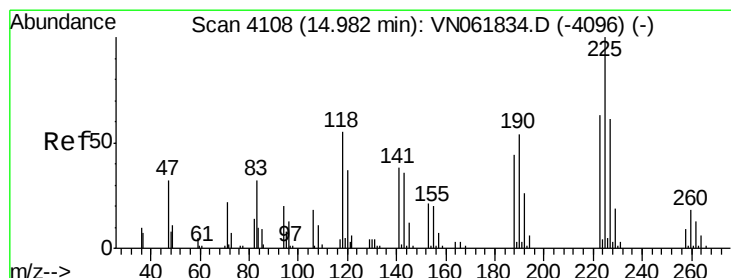
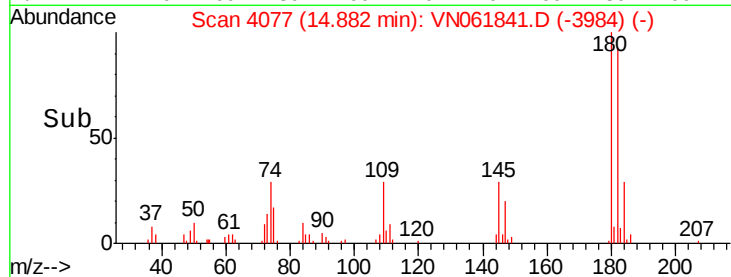
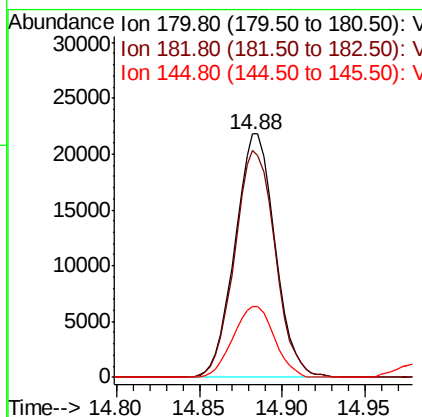
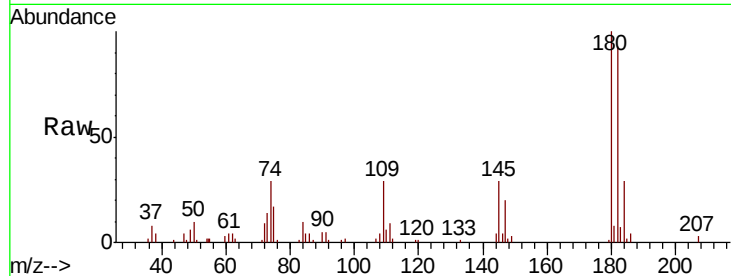




#93
 1,2,4-Trichlorobenzene
 Concen: 19.301 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

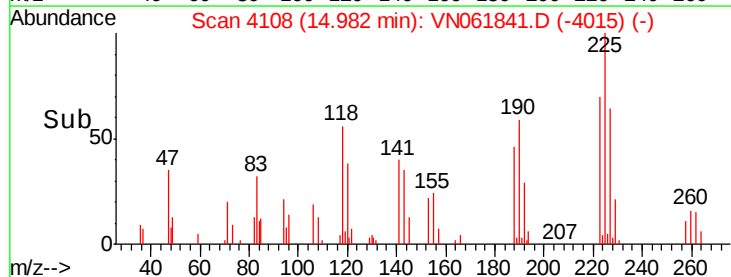
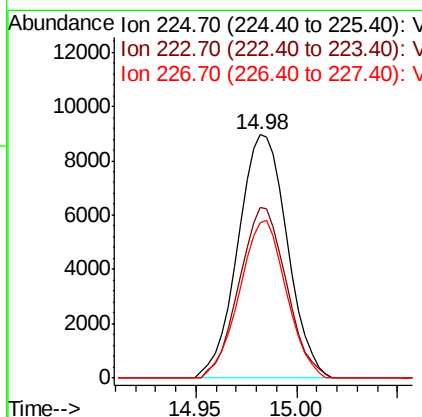
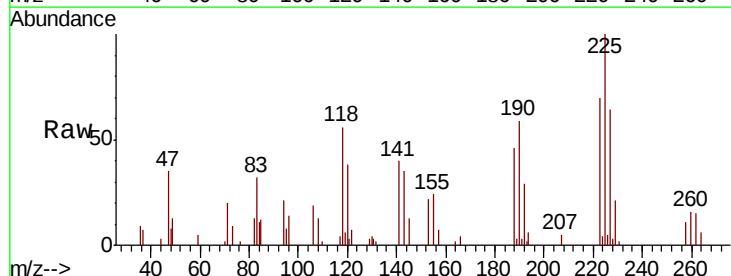
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

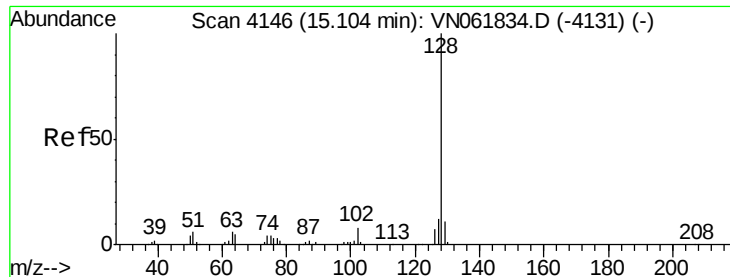
Tot Ion:180 Resp: 36648
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.0 141.2
 145 29.9 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 20.457 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061841.D
 Acq: 17 Jun 2020 12:11

Tgt Ion:225 Resp: 15298
 Ion Ratio Lower Upper
 225 100
 223 67.4 31.7 95.1
 227 61.6 30.1 90.3





#95

Naphthalene

Concen: 18.458 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

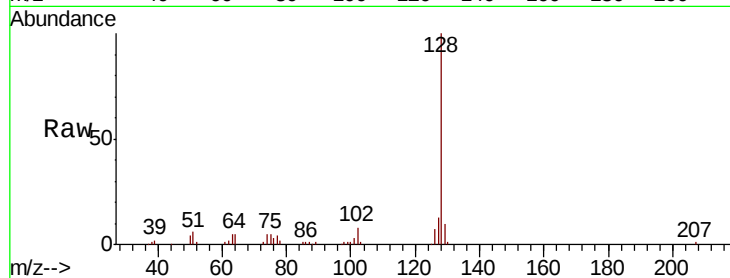
Tot Ion:128 Resp: 102349

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

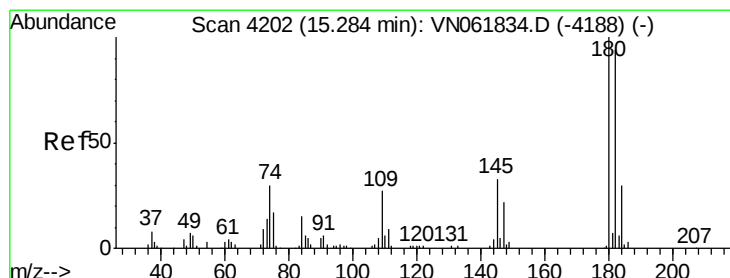
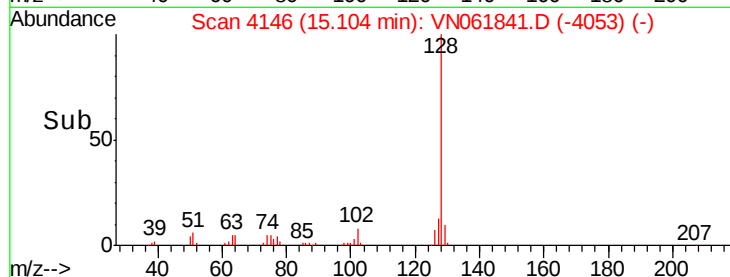
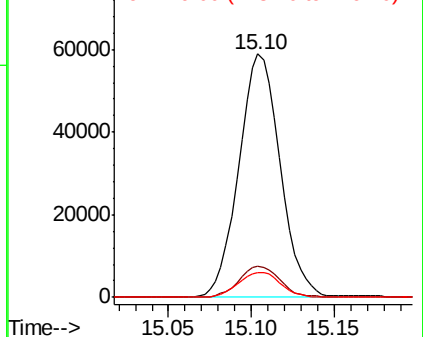
129 10.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.386 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN061841.D

Acq: 17 Jun 2020 12:11

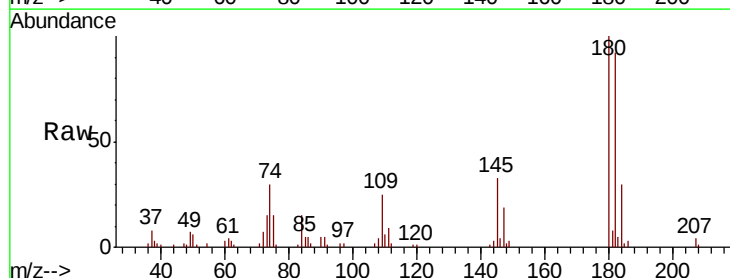
Tgt Ion:180 Resp: 36454

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.6

145 33.8 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

