

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061946.D
 Acq On : 19 Jun 2020 12:46
 Operator : JC/MD
 Sample : VN0619WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01

Quant Time: Jun 20 07:31:46 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	158853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	271660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	254415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	117152	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	108021	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
35) Dibromofluoromethane	7.54	113	91968	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
50) Toluene-d8	10.06	98	354468	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.37	95	120088	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	41092	20.056	ug/l 96
3) Chloromethane	2.03	50	42695	19.363	ug/l 96
4) Vinyl Chloride	2.16	62	53150	20.220	ug/l 98
5) Bromomethane	2.53	94	38887	19.265	ug/l 99
6) Chloroethane	2.67	64	35473	19.940	ug/l 98
7) Trichlorofluoromethane	2.98	101	63267	20.150	ug/l 99
8) Diethyl Ether	3.37	74	21731	20.587	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	33573	20.842	ug/l 98
10) Methyl Iodide	3.91	142	37510	22.561	ug/l 99
11) Tert butyl alcohol	4.73	59	27197	92.252	ug/l 100
12) 1,1-Dichloroethene	3.69	96	32762	20.298	ug/l 96
13) Acrolein	3.56	56	15130	85.868	ug/l 97
14) Allyl chloride	4.27	41	41967	19.591	ug/l 97
15) Acrylonitrile	4.93	53	72740	99.576	ug/l 99
16) Acetone	3.77	43	62763	99.735	ug/l 96
17) Carbon Disulfide	4.01	76	89521	18.956	ug/l 100
18) Methyl Acetate	4.27	43	36239	20.002	ug/l 100
19) Methyl tert-butyl Ether	4.99	73	104398	19.427	ug/l 98
20) Methylene Chloride	4.50	84	38781	18.915	ug/l 95
21) trans-1,2-Dichloroethene	4.99	96	35945	19.389	ug/l 91
22) Diisopropyl ether	5.90	45	95478	19.488	ug/l 96
23) Vinyl Acetate	5.84	43	367115	95.274	ug/l 99
24) 1,1-Dichloroethane	5.79	63	63610	19.834	ug/l 99
25) 2-Butanone	6.78	43	90736	98.825	ug/l 98
26) 2,2-Dichloropropane	6.77	77	53112	19.684	ug/l 98
27) cis-1,2-Dichloroethene	6.78	96	41021	19.177	ug/l 96
28) Bromochloromethane	7.15	49	29996	21.006	ug/l 97
29) Tetrahydrofuran	7.16	42	58652	97.068	ug/l 100
30) Chloroform	7.33	83	65508	19.112	ug/l 97
31) Cyclohexane	7.61	56	53454	19.040	ug/l 97
32) 1,1,1-Trichloroethane	7.52	97	55482	19.007	ug/l 98
36) 1,1-Dichloropropene	7.75	75	48242	19.469	ug/l 99
37) Ethyl Acetate	6.88	43	39406	20.365	ug/l 97
38) Carbon Tetrachloride	7.73	117	47550	19.378	ug/l 98

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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)
39) Methylcyclohexane	9.05	83	54225	20.323	ug/l	97
40) Benzene	8.00	78	148002	19.718	ug/l	96
41) Methacrylonitrile	7.16	41	54204	65.510	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	51584	20.155	ug/l	99
43) Isopropyl Acetate	8.12	43	63318	19.418	ug/l	99
44) Trichloroethene	8.80	130	38718	19.600	ug/l	99
45) 1,2-Dichloropropane	9.08	63	36713	19.903	ug/l	96
46) Dibromomethane	9.17	93	25874	19.919	ug/l	97
47) Bromodichloromethane	9.37	83	51870	19.502	ug/l	98
48) Methyl methacrylate	9.17	41	29022	19.571	ug/l	96
49) 1,4-Dioxane	9.17	88	13193	387.505	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	188236	97.686	ug/l	100
52) Toluene	10.12	92	94784	20.107	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	55148	19.531	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	61156	19.941	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	38184	20.588	ug/l	98
56) Ethyl methacrylate	10.40	69	47761	18.783	ug/l	98
57) 1,3-Dichloropropane	10.68	76	62486	19.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	78140	79.828	ug/l	100
59) 2-Hexanone	10.72	43	133786	95.651	ug/l	100
60) Dibromochloromethane	10.87	129	40779	19.704	ug/l	100
61) 1,2-Dibromoethane	10.98	107	37656	19.444	ug/l	99
64) Tetrachloroethene	10.60	164	32020	19.746	ug/l	98
65) Chlorobenzene	11.41	112	102479	19.089	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	36372	19.426	ug/l	97
67) Ethyl Benzene	11.48	91	175658	19.516	ug/l	99
68) m/p-Xylenes	11.60	106	137314	39.564	ug/l	99
69) o-Xylene	11.92	106	64849	19.582	ug/l	100
70) Styrene	11.94	104	107211	19.335	ug/l	99
71) Bromoform	12.10	173	25080	18.371	ug/l #	99
73) Isopropylbenzene	12.22	105	171294	20.576	ug/l	100
74) N-amyl acetate	12.04	43	50782	18.876	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	53664	19.827	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	66268	28.812	ug/l #	100
77) Bromobenzene	12.50	156	42215	20.100	ug/l	99
78) n-propylbenzene	12.56	91	195803	20.613	ug/l	100
79) 2-Chlorotoluene	12.65	91	114660	20.098	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	142103	20.632	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	17103	20.281	ug/l	98
82) 4-Chlorotoluene	12.75	91	118461	20.095	ug/l	100
83) tert-Butylbenzene	12.97	119	117516	20.126	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	139366	20.499	ug/l	99
85) sec-Butylbenzene	13.15	105	156831	20.521	ug/l	100
86) p-Isopropyltoluene	13.26	119	142325	20.899	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	75251	19.645	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	74986	19.124	ug/l	98
89) n-Butylbenzene	13.59	91	113231	19.909	ug/l	99
90) Hexachloroethane	13.85	117	25218	20.229	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	72116	19.556	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	8710	19.822	ug/l	97

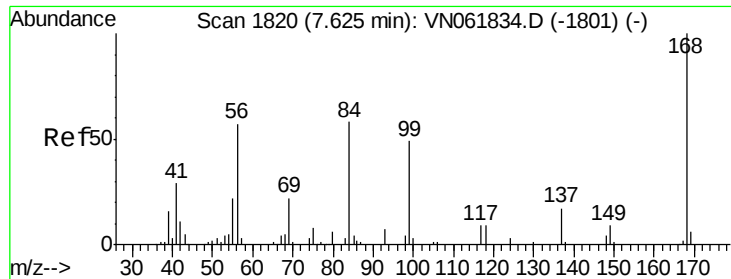
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QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	33122	19.034	ug/l	99
94) Hexachlorobutadiene	14.98	225	14209	20.732	ug/l	97
95) Naphthalene	15.10	128	89000	17.692	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	32376	18.786	ug/l	98

(#) = 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: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

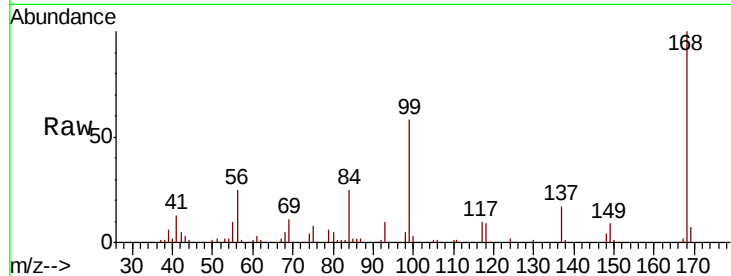
VN0619WBS01

Tot Ion:168 Resp: 158853

Ion Ratio Lower Upper

168 100

99 58.4 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

60000

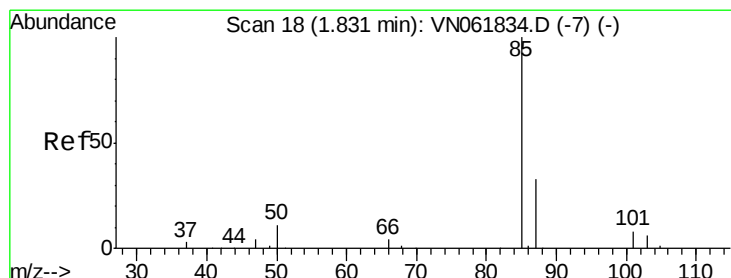
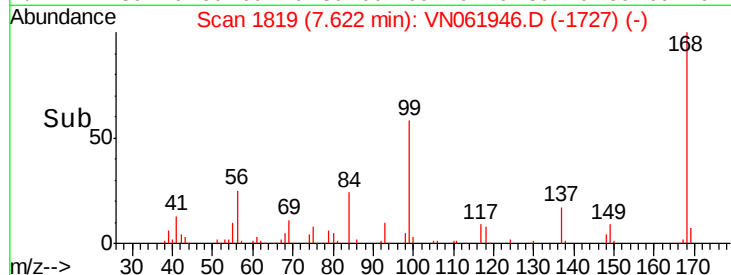
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.056 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061946.D

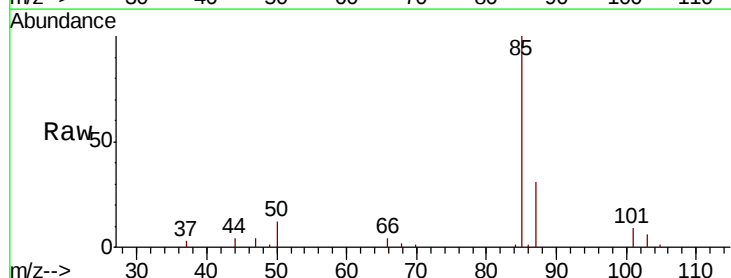
Acq: 19 Jun 2020 12:46

Tgt Ion: 85 Resp: 41092

Ion Ratio Lower Upper

85 100

87 30.7 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

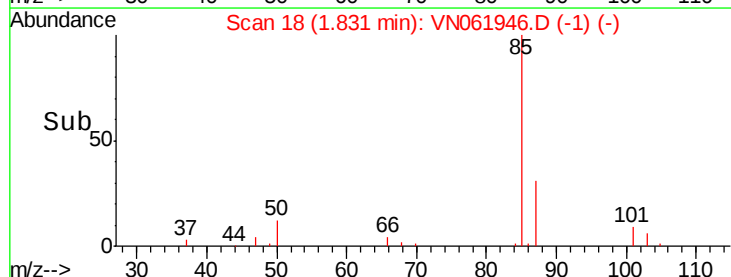
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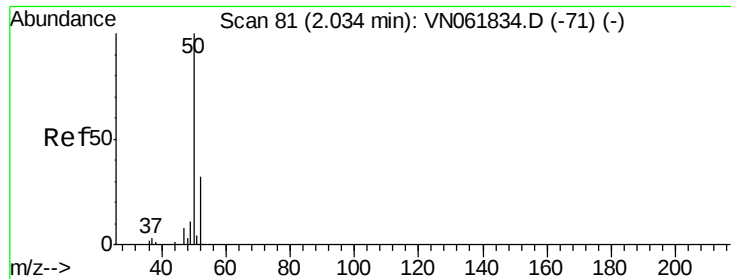
10000

0

1.80 1.85 1.90

Time-->

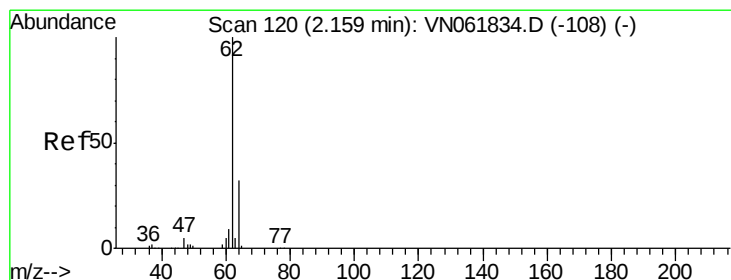
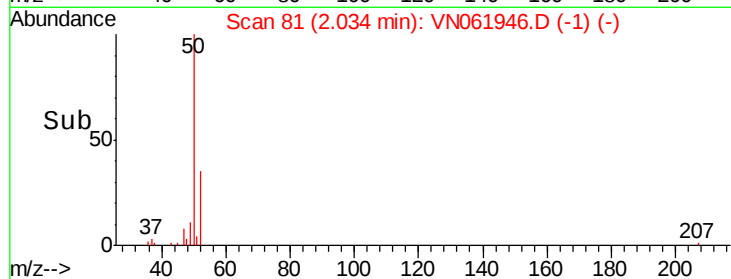
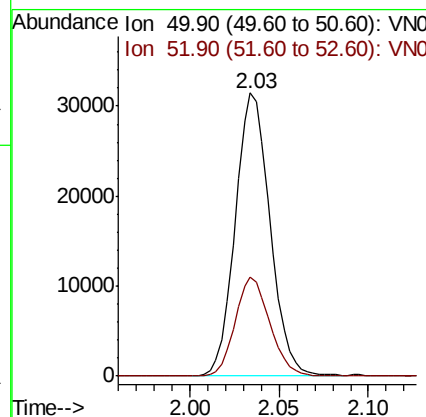
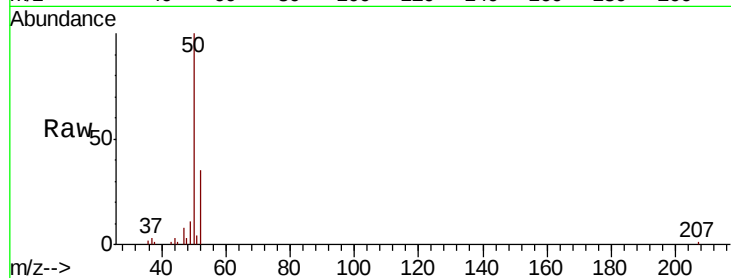




#3
Chloromethane
Concen: 19.363 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

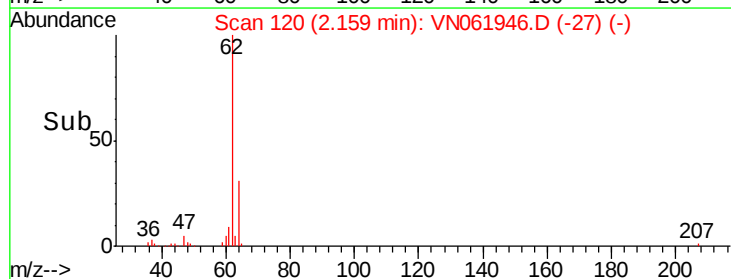
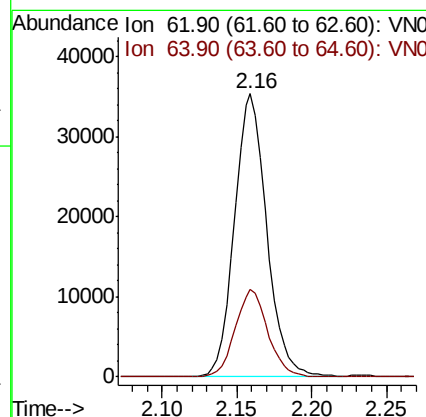
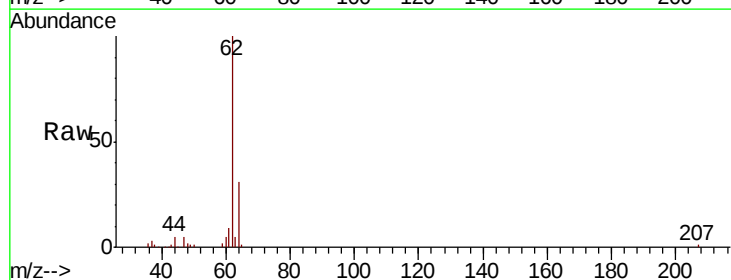
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

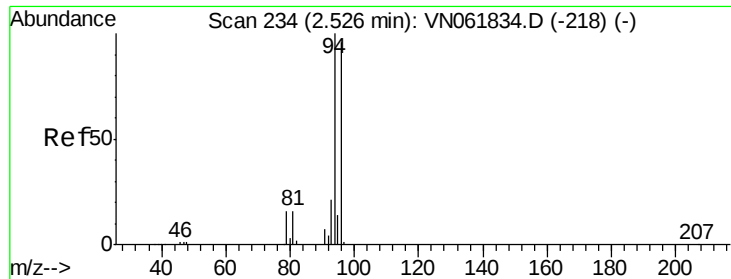
Tot Ion: 50 Resp: 42695
Ion Ratio Lower Upper
50 100
52 35.0 26.0 39.0



#4
Vinyl Chloride
Concen: 20.220 ug/l
RT: 2.16 min Scan# 120
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Tgt Ion: 62 Resp: 53150
Ion Ratio Lower Upper
62 100
64 30.8 25.5 38.3





#5

Bromomethane

Concen: 19.265 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

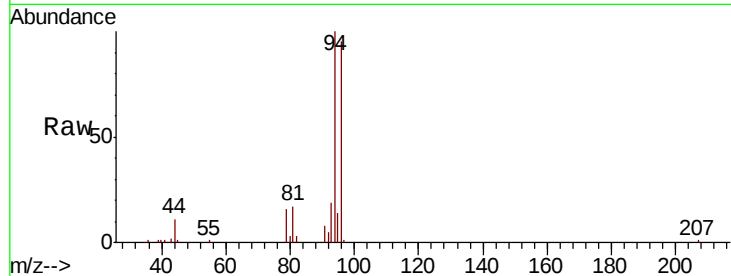
VN0619WBS01

Tot Ion: 94 Resp: 38887

Ion Ratio Lower Upper

94 100

96 94.7 76.7 115.1



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

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

2.53

20000

15000

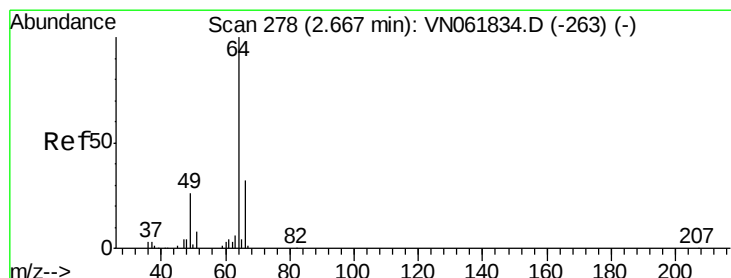
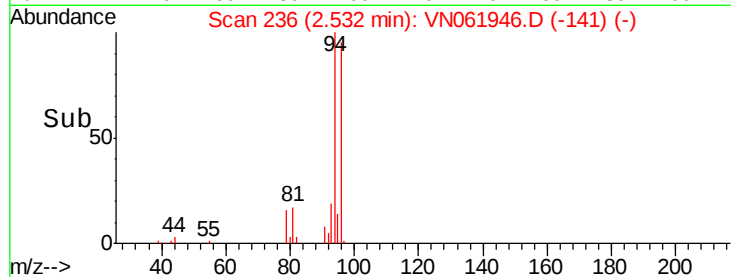
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 19.940 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061946.D

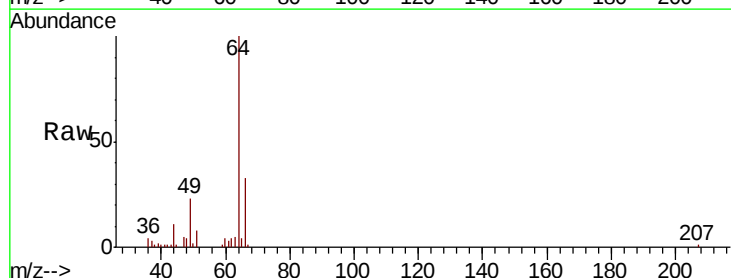
Acq: 19 Jun 2020 12:46

Tgt Ion: 64 Resp: 35473

Ion Ratio Lower Upper

64 100

66 32.7 25.4 38.2



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

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

2.67

20000

15000

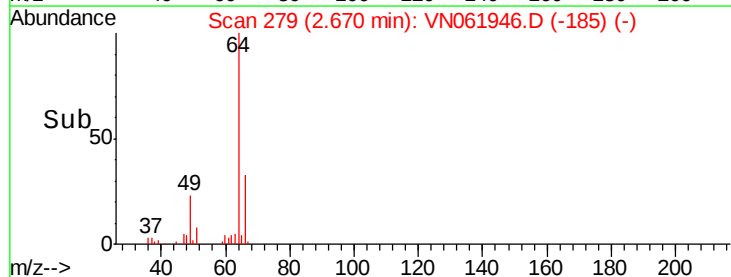
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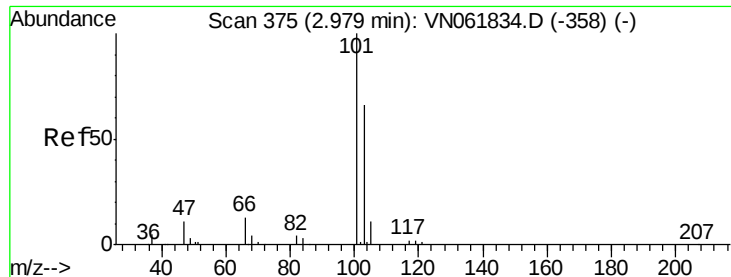
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0

Time-->

2.60 2.65 2.70 2.75



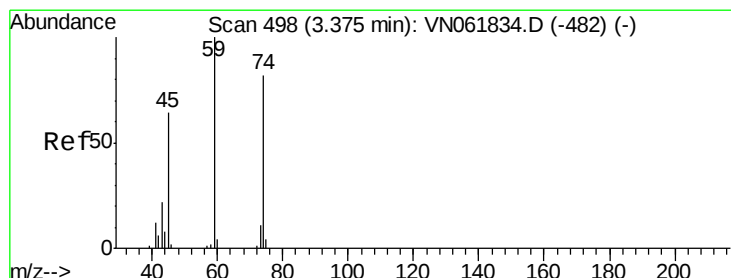
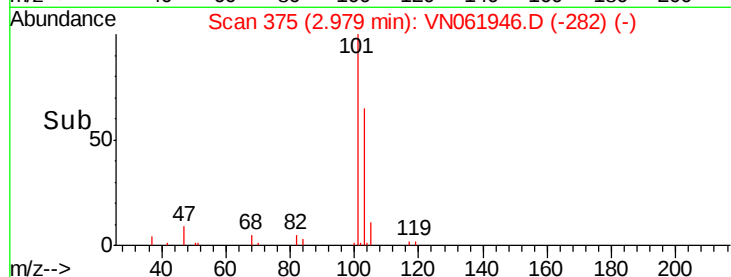
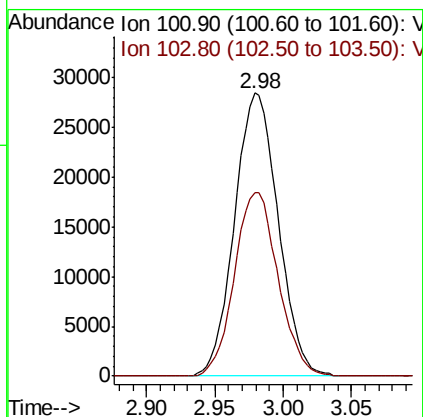
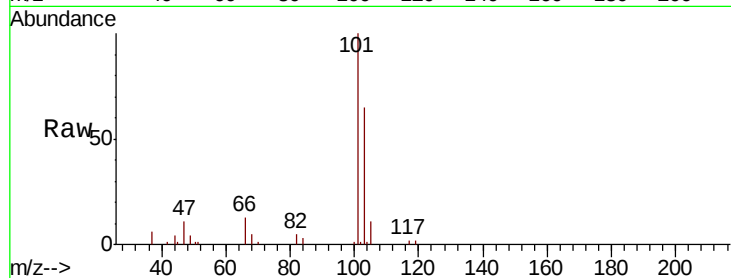


#7

Trichlorofluoromethane
 Concen: 20.150 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

Instrument :
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 VN0619WBS01

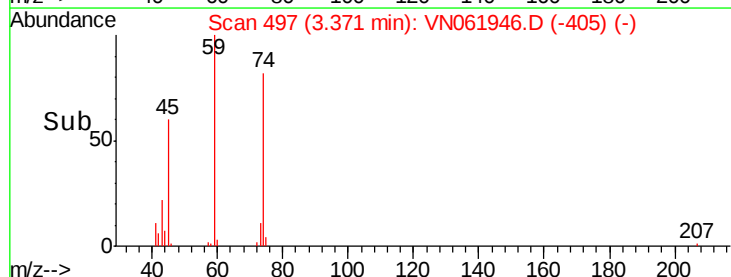
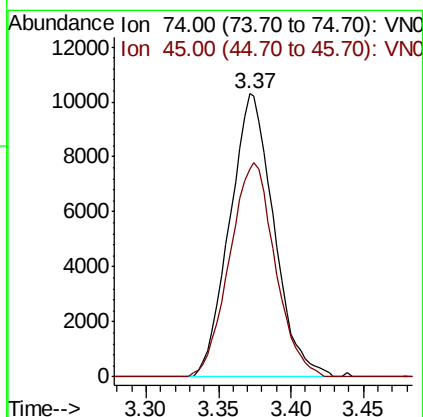
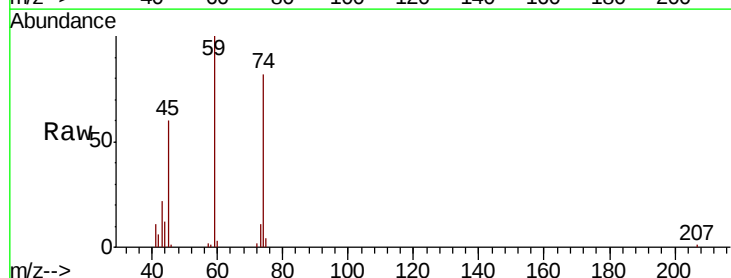
Tot Ion:101 Resp: 63267
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.8 79.2

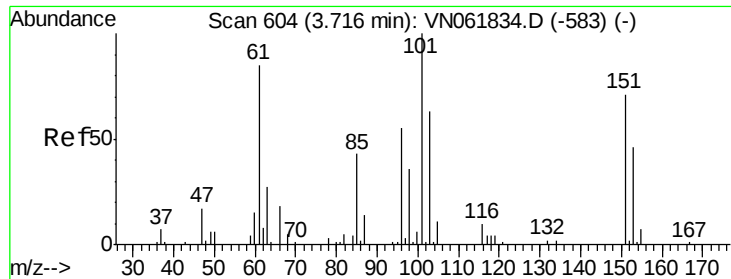


#8

Diethyl Ether
 Concen: 20.587 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

Tgt Ion: 74 Resp: 21731
 Ion Ratio Lower Upper
 74 100
 45 78.2 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.842 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

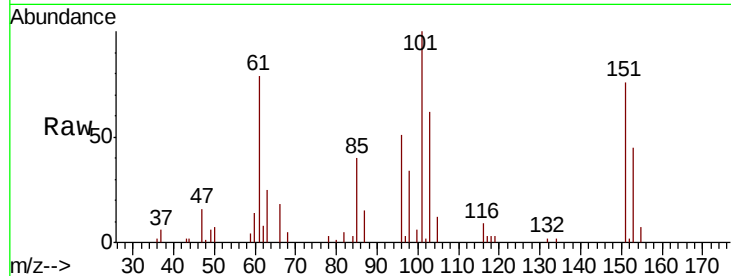
Tot Ion:101 Resp: 33573

Ion Ratio Lower Upper

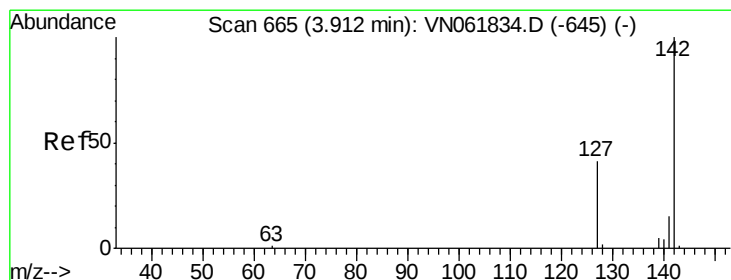
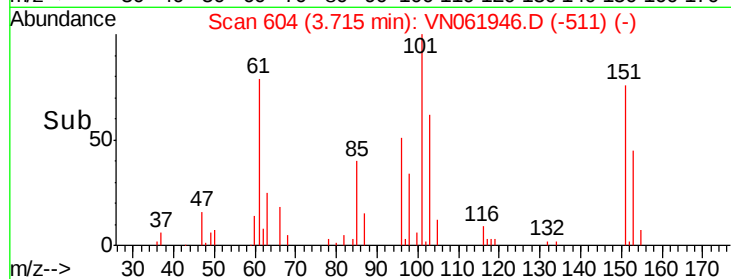
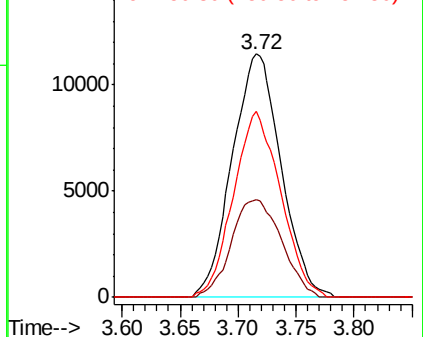
101 100

85 41.2 35.0 52.6

151 73.6 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: 22.561 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

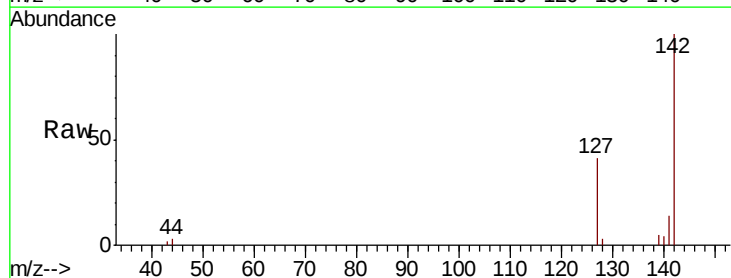
Tgt Ion:142 Resp: 37510

Ion Ratio Lower Upper

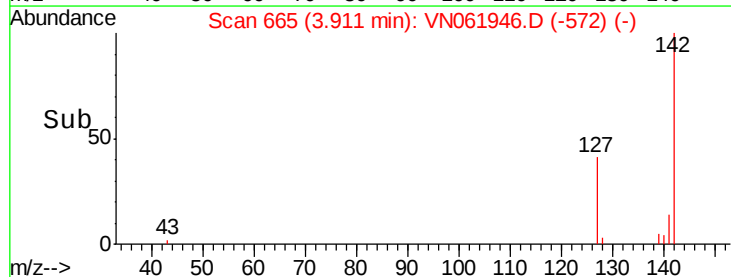
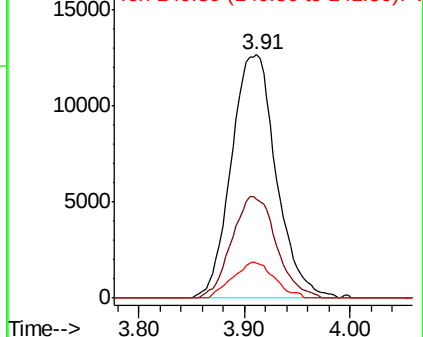
142 100

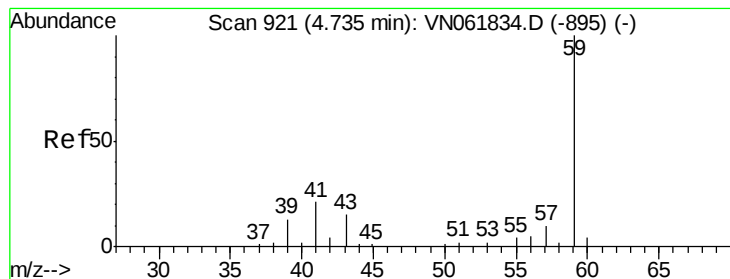
127 41.3 33.4 50.0

141 13.7 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: 92.252 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.01 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

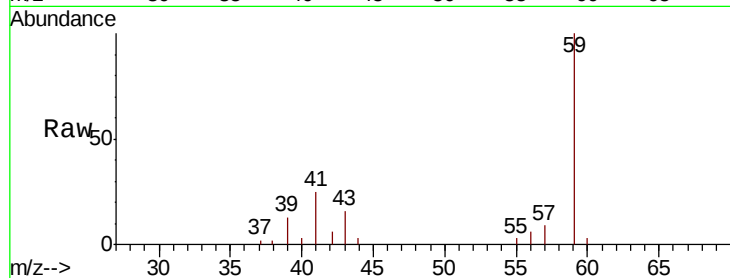
VN0619WBS01

Tot Ion: 59 Resp: 27197

Ion Ratio Lower Upper

59 100

57 9.5 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VN061834.D (-895) (-)

Ion 57.00 (56.70 to 57.70): VN061834.D (-895) (-)

4.73

8000

6000

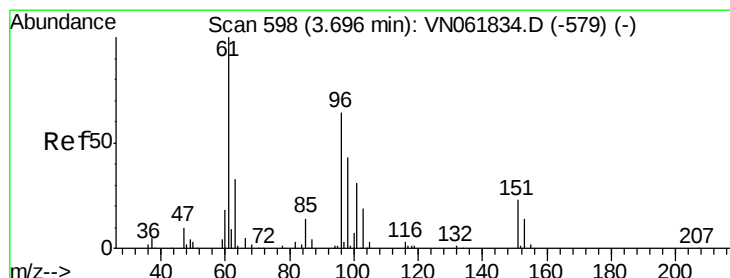
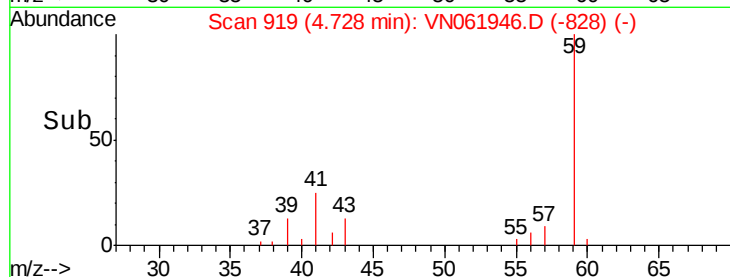
4000

2000

0

Time-->

4.60 4.70 4.80



#12

1,1-Dichloroethene

Concen: 20.298 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

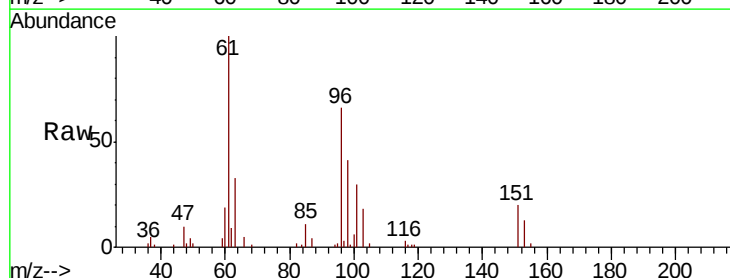
Tgt Ion: 96 Resp: 32762

Ion Ratio Lower Upper

96 100

61 150.6 124.3 186.5

98 61.9 53.1 79.7



Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-579) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-579) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-579) (-)

3.69

25000

20000

15000

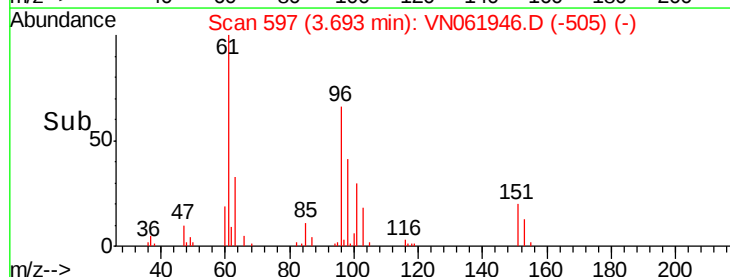
10000

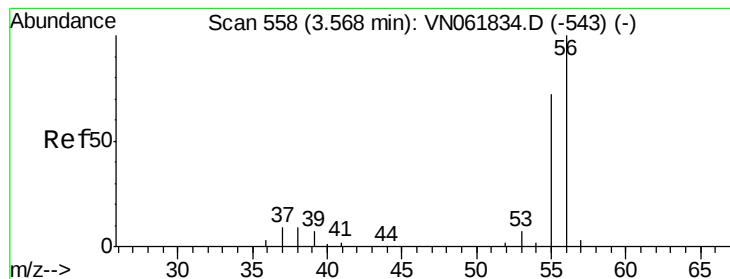
5000

0

Time-->

3.60 3.65 3.70 3.75 3.80





#13

Acrolein

Concen: 85.868 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

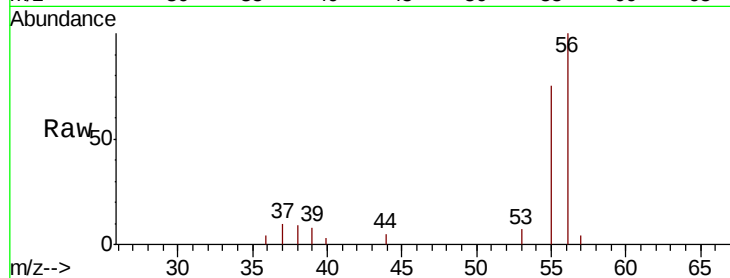
VN0619WBS01

Tot Ion: 56 Resp: 15130

Ion Ratio Lower Upper

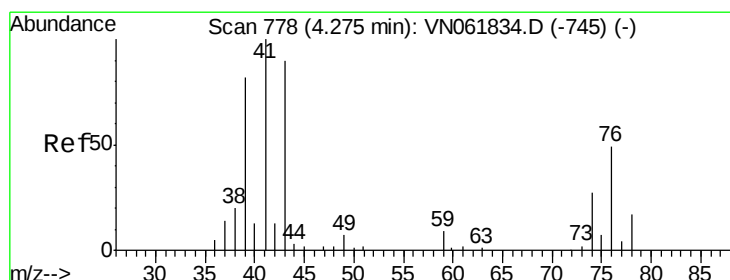
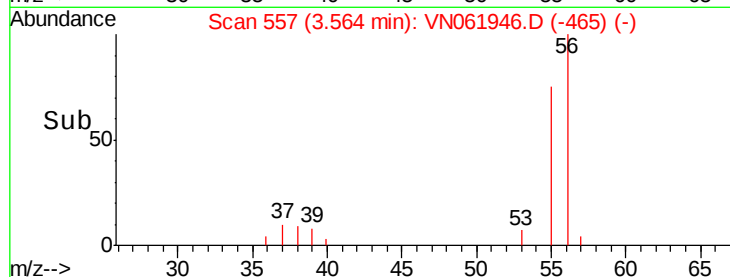
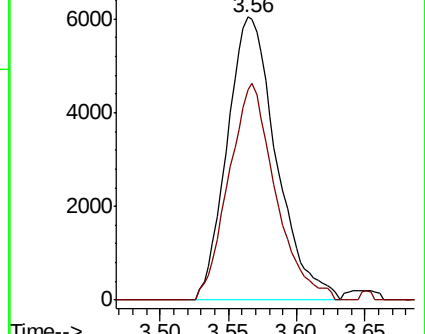
56 100

55 72.9 56.2 84.4



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

Ion 55.00 (54.70 to 55.70): VN061834.D (-543) (-)



#14

Allyl chloride

Concen: 19.591 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

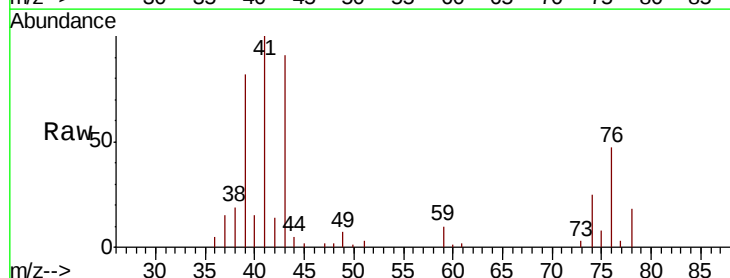
Tgt Ion: 41 Resp: 41967

Ion Ratio Lower Upper

41 100

39 72.0 60.2 90.2

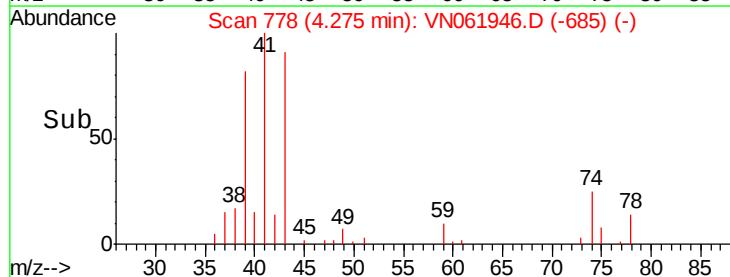
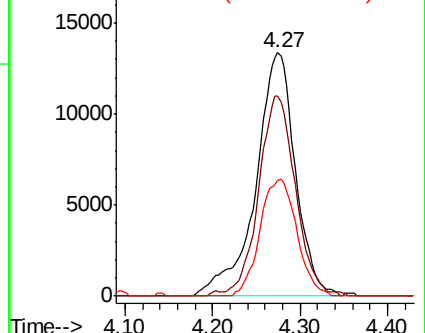
76 44.5 36.3 54.5



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

Ion 39.00 (38.70 to 39.70): VN061834.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN061834.D (-745) (-)





#15

Acrylonitrile

Concen: 99.576 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampled :

VN0619WBS01

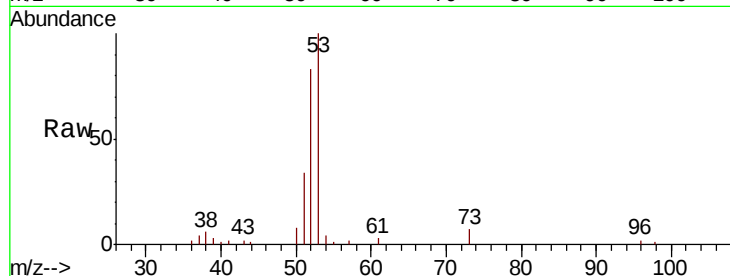
Tot Ion: 53 Resp: 72740

Ion Ratio Lower Upper

53 100

52 81.9 65.2 97.8

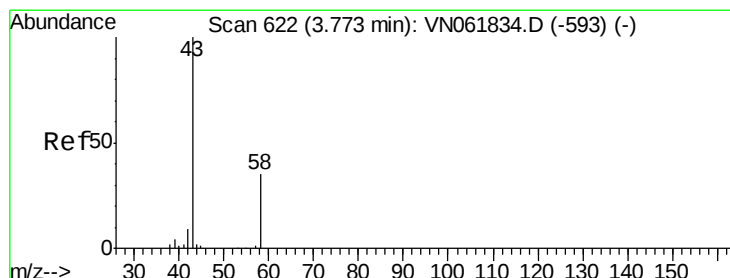
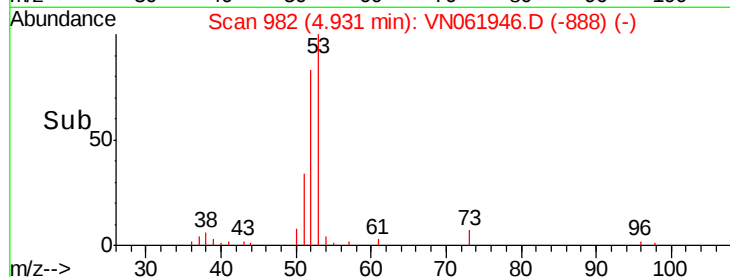
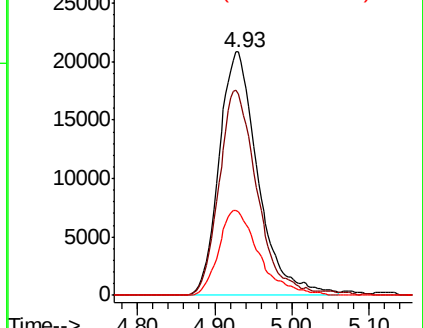
51 36.2 29.3 43.9



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

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

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



#16

Acetone

Concen: 99.735 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061946.D

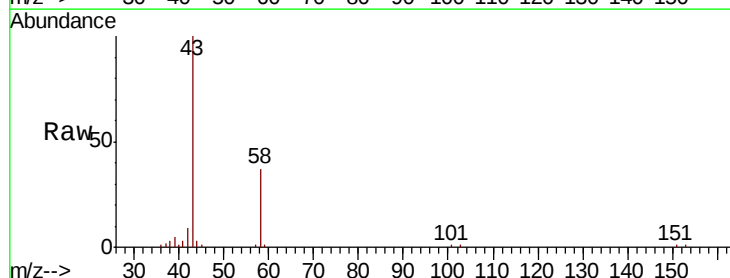
Acq: 19 Jun 2020 12:46

Tgt Ion: 43 Resp: 62763

Ion Ratio Lower Upper

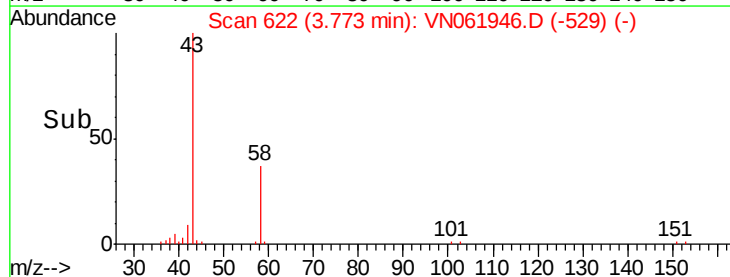
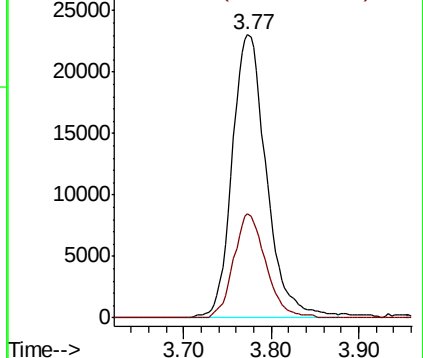
43 100

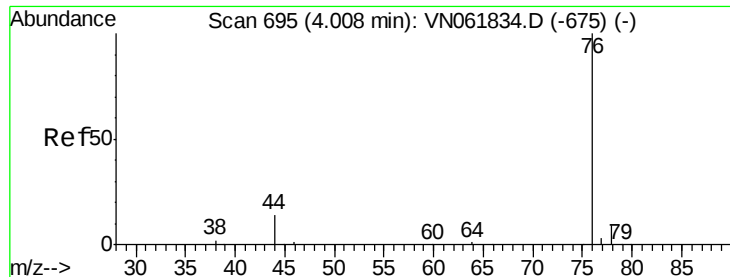
58 36.9 27.8 41.8



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

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

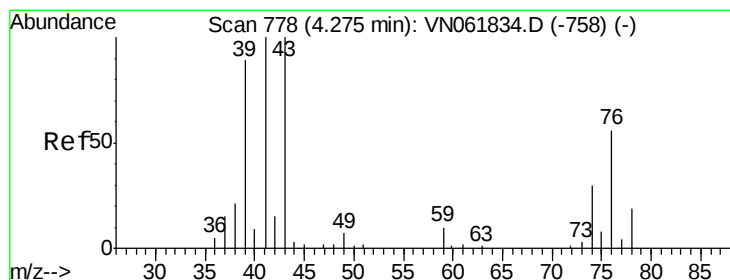
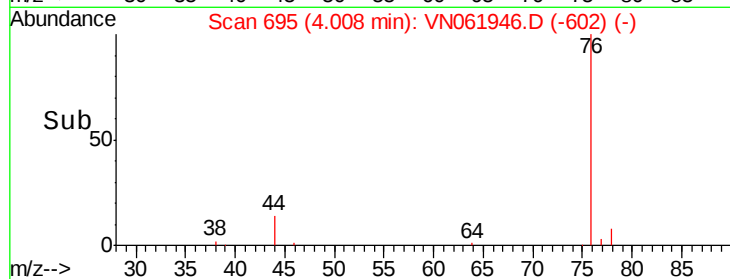
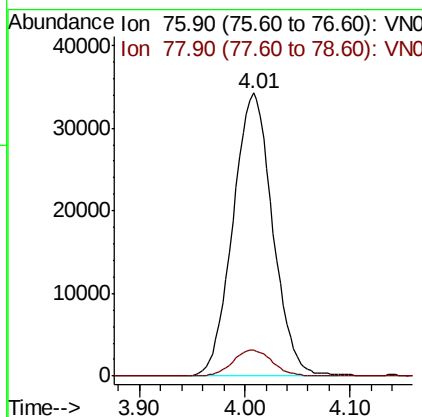
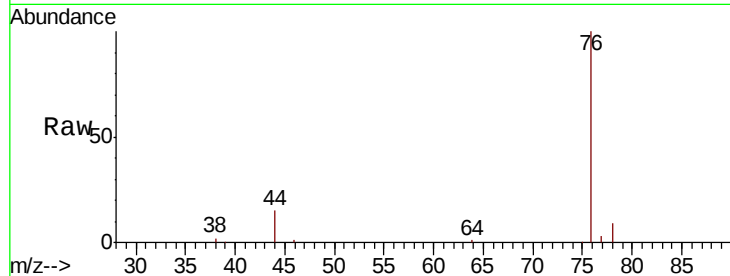




#17
Carbon Disulfide
Concen: 18.956 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

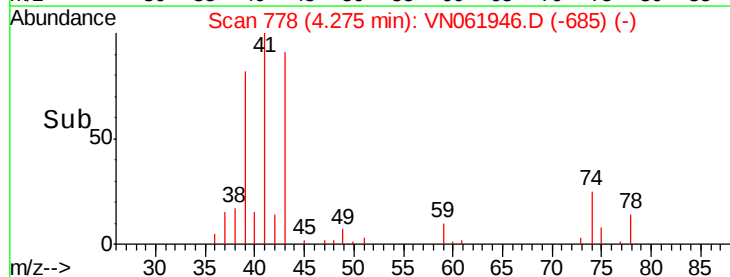
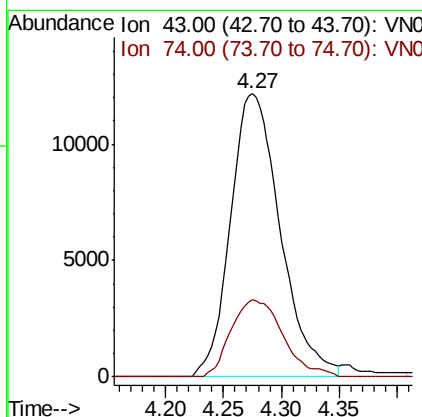
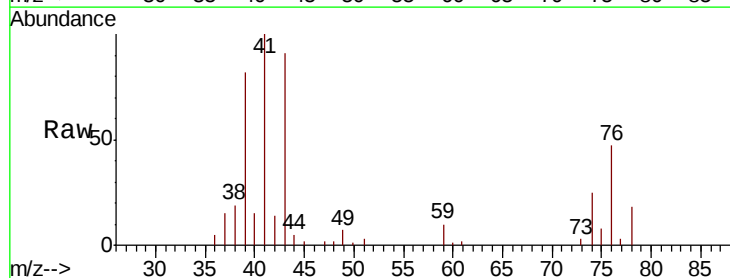
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

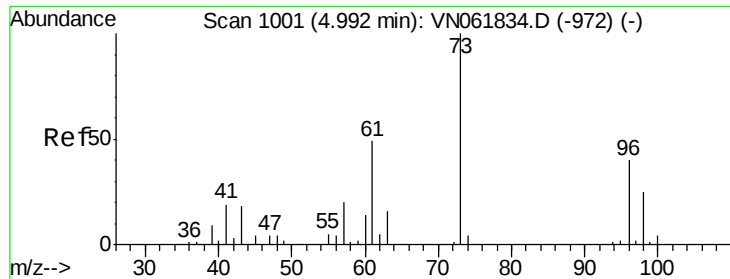
Tot Ion: 76 Resp: 89521
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 20.002 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Tgt Ion: 43 Resp: 36239
Ion Ratio Lower Upper
43 100
74 28.5 23.0 34.4

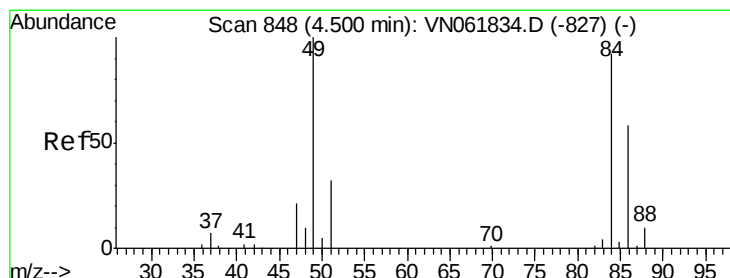
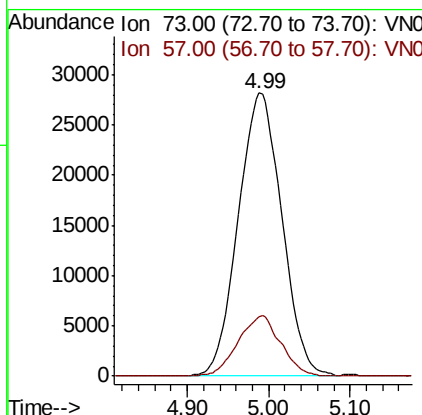
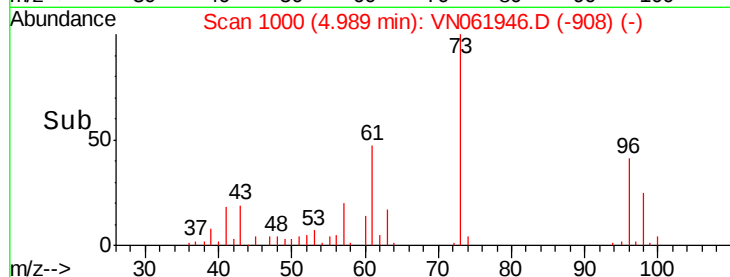
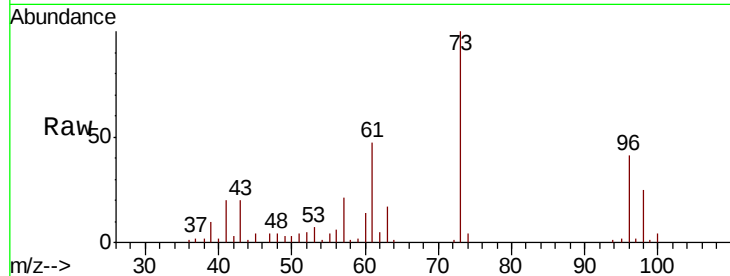




#19
Methvl tert-butvl Ether
Concen: 19.427 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

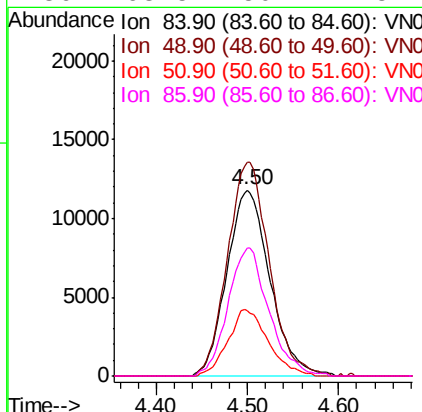
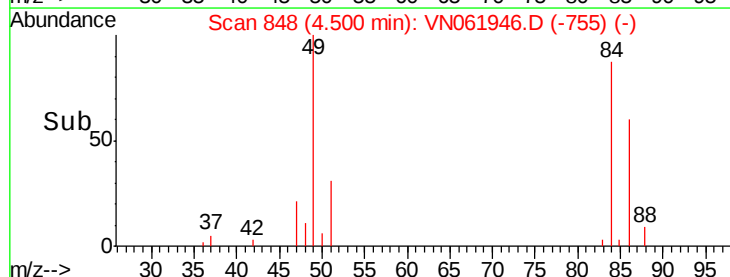
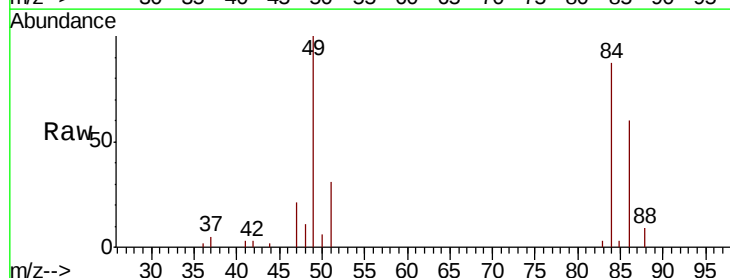
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

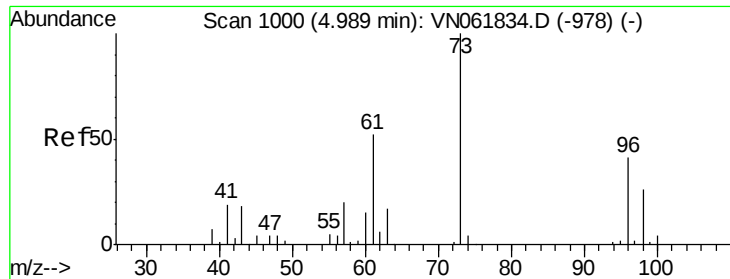
Tot Ion: 73 Resp: 104398
Ion Ratio Lower Upper
73 100
57 21.0 16.2 24.4



#20
Methylene Chloride
Concen: 18.915 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Tgt Ion: 84 Resp: 38781
Ion Ratio Lower Upper
84 100
49 114.7 87.0 130.4
51 35.1 27.8 41.6
86 68.5 50.2 75.2

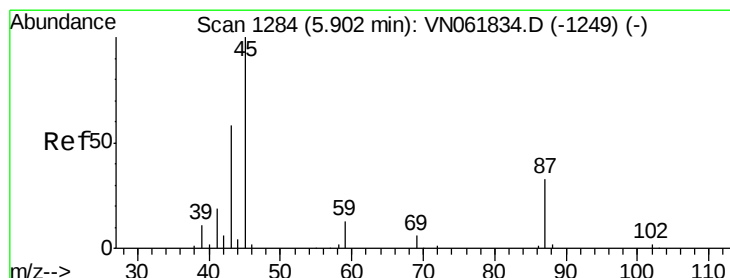
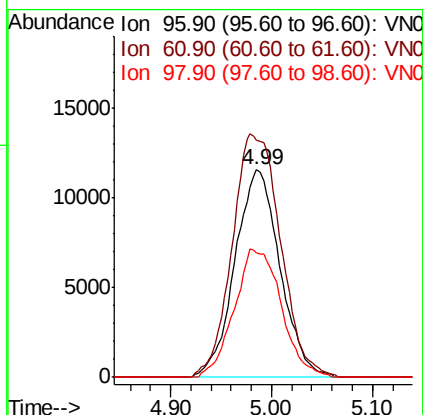
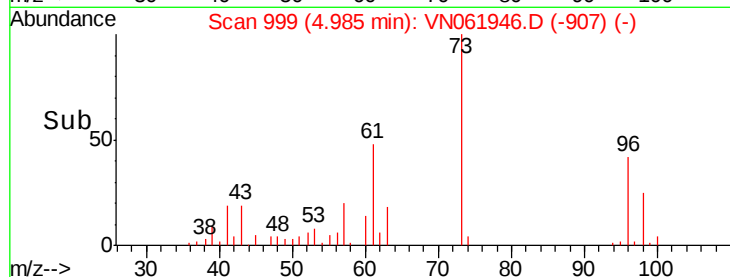
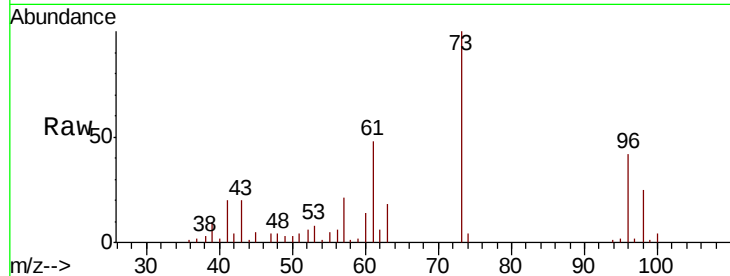




#21
trans-1,2-Dichloroethene
Concen: 19.389 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

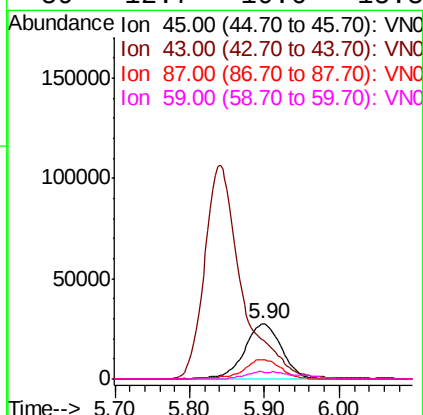
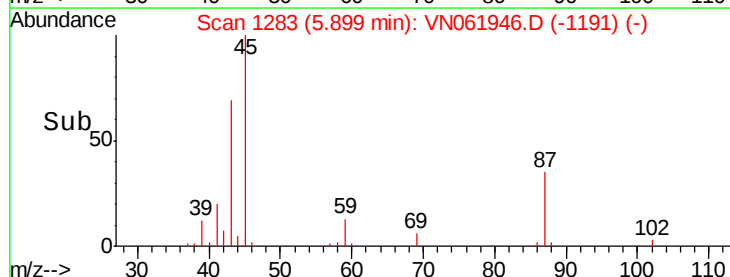
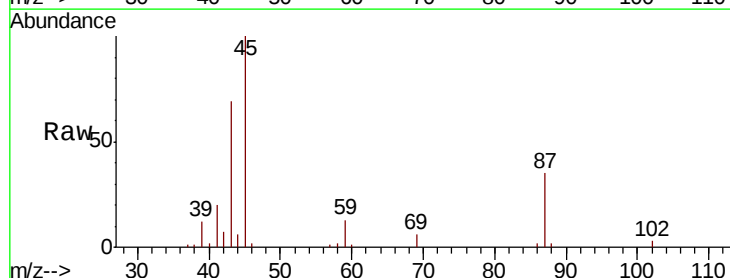
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

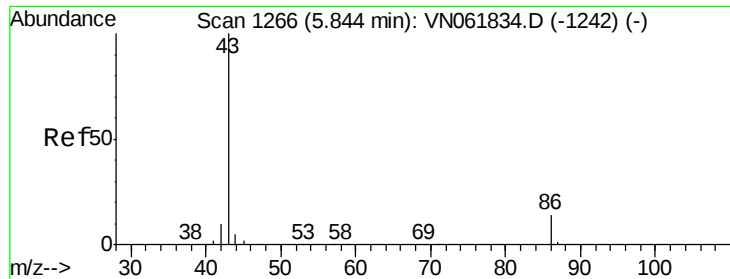
Tot Ion: 96 Resp: 35945
Ion Ratio Lower Upper
96 100
61 114.3 102.2 153.4
98 60.0 51.2 76.8



#22
Diisopropyl ether
Concen: 19.488 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Tgt Ion: 45 Resp: 95478
Ion Ratio Lower Upper
45 100
43 67.2 49.4 74.2
87 34.6 27.4 41.0
59 12.7 10.6 15.8

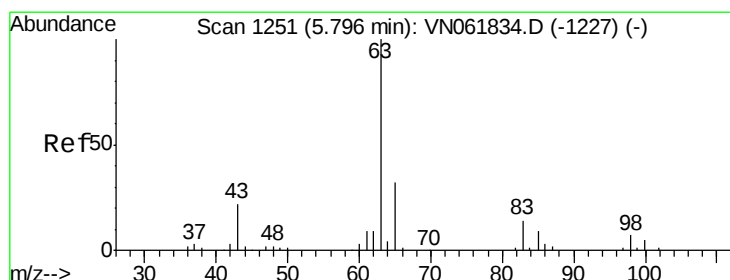
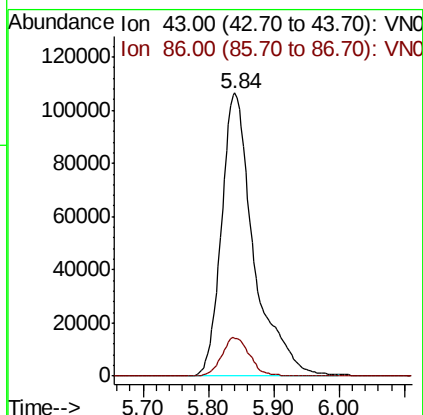
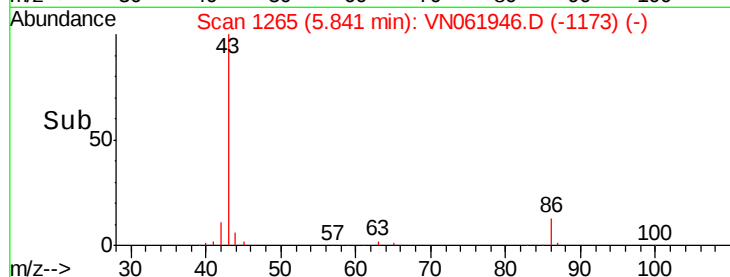
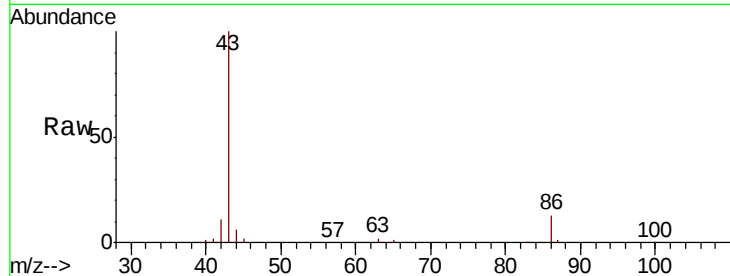




#23
 Vinyl Acetate
 Concen: 95.274 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

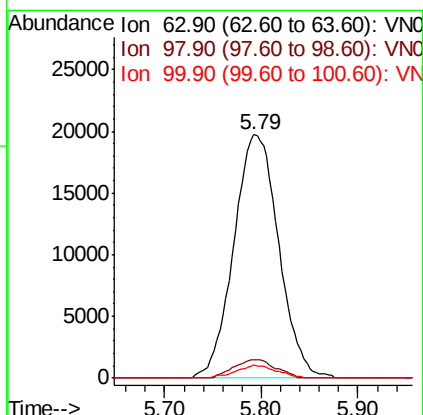
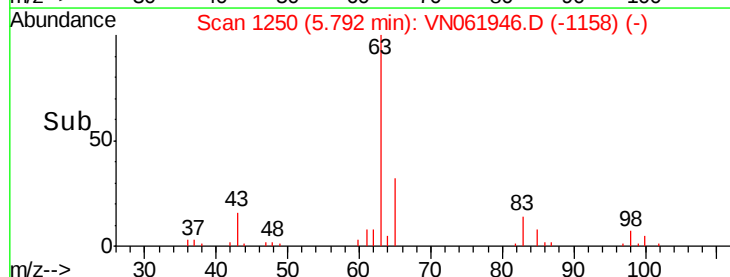
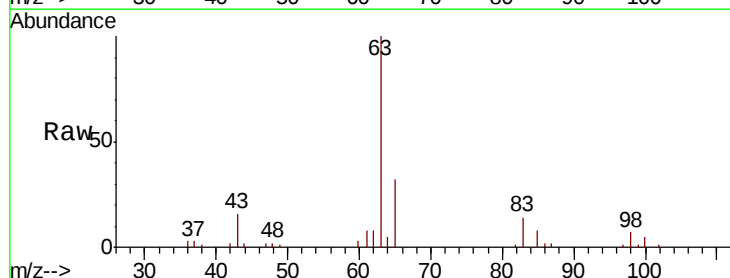
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01

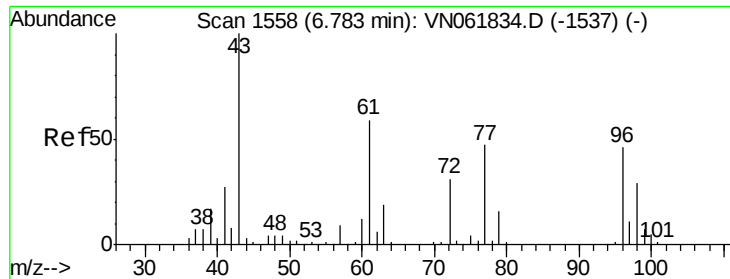
Tot Ion: 43 Resp: 367115
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 19.834 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

Tgt Ion: 63 Resp: 63610
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 5.3 2.5 7.4





#25

2-Butanone

Concen: 98.825 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampled :

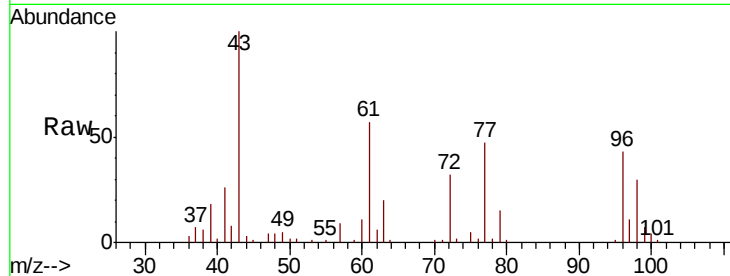
VN0619WBS01

Tot Ion: 43 Resp: 90736

Ion Ratio Lower Upper

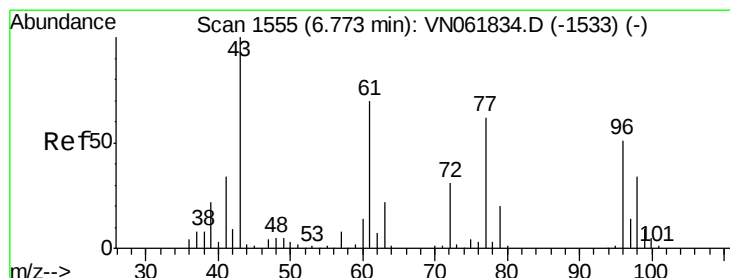
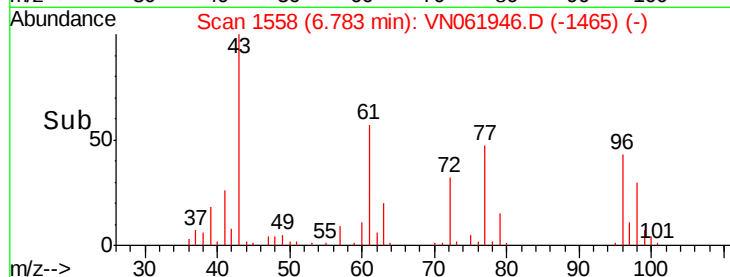
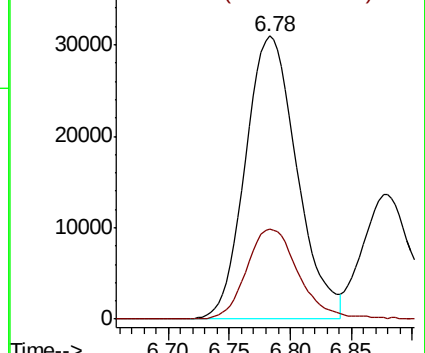
43 100

72 31.7 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: 19.684 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN061946.D

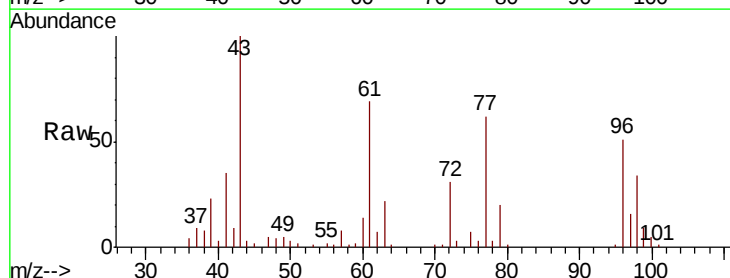
Acq: 19 Jun 2020 12:46

Tgt Ion: 77 Resp: 53112

Ion Ratio Lower Upper

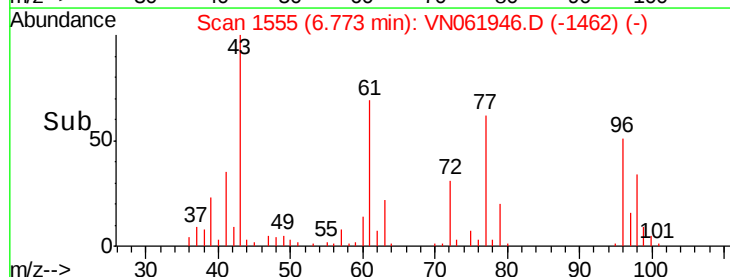
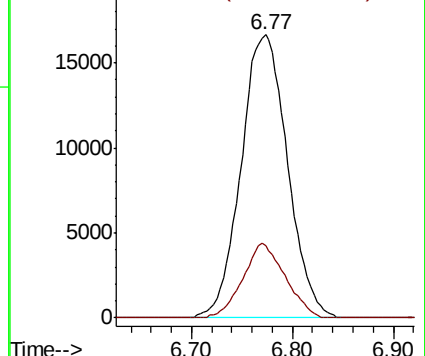
77 100

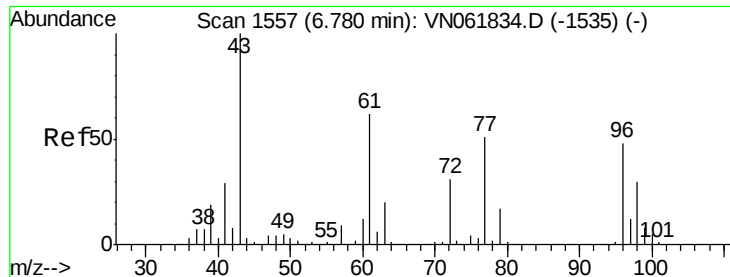
97 24.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

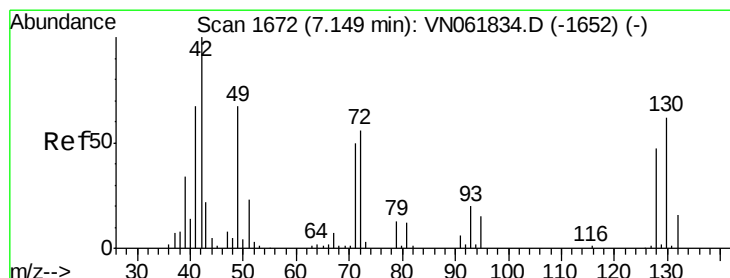
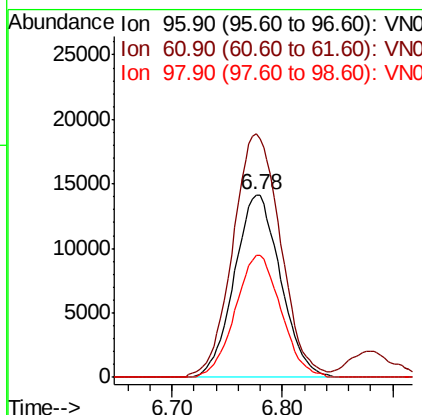
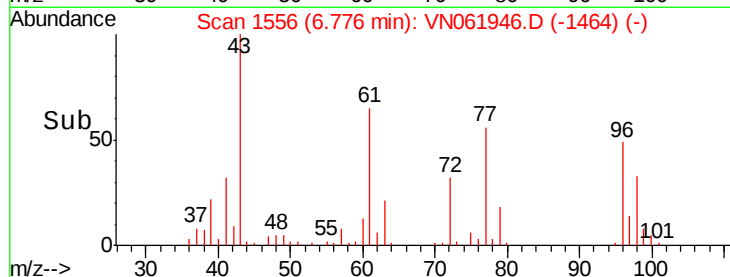
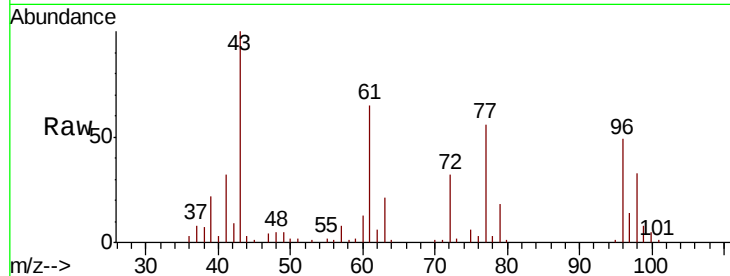




#27
 cis-1,2-Dichloroethene
 Concen: 19.177 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

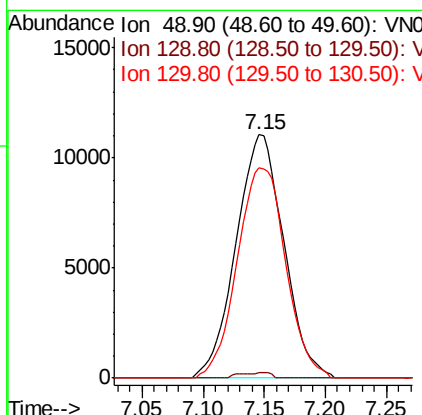
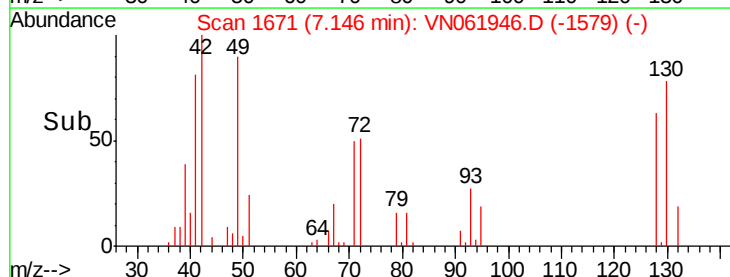
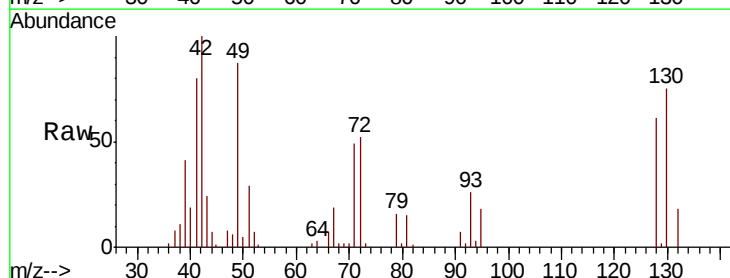
Instrument :
 MSVOA_N
 ClientSampled :
 VN0619WBS01

Tot Ion: 96 Resp: 41021
 Ion Ratio Lower Upper
 96 100
 61 138.2 0.0 265.6
 98 66.1 0.0 128.2



#28
 Bromochloromethane
 Concen: 21.006 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

Tgt Ion: 49 Resp: 29996
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.0
 130 87.6 72.2 108.2

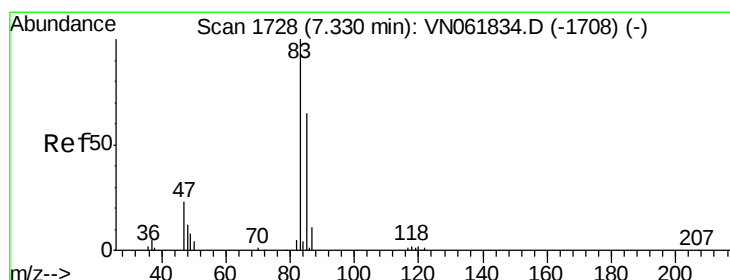
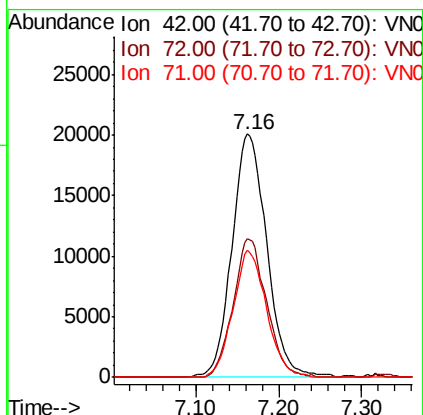
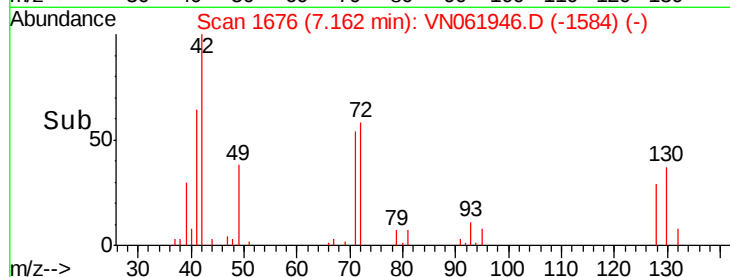
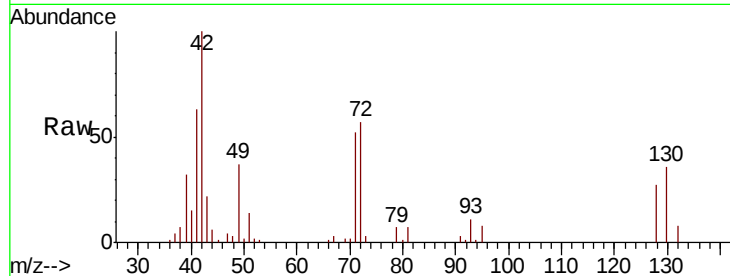




#29
Tetrahydrofuran
Concen: 97.068 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

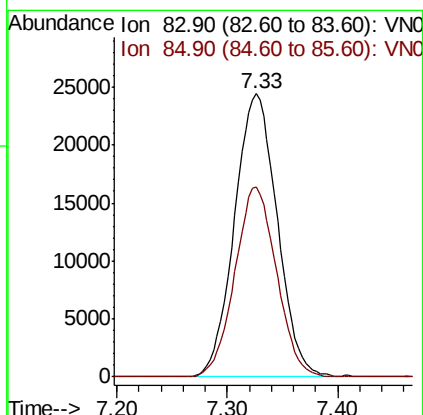
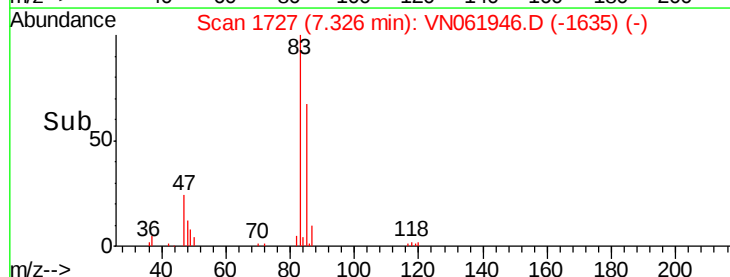
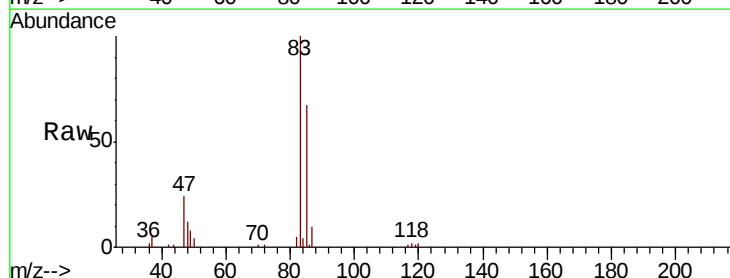
Instrument :
MSVOA_N
ClientSampled :
VN0619WBS01

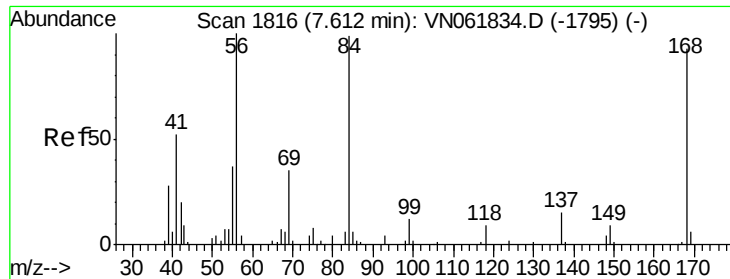
Tot Ion	Ratio	Lower	Upper
42	100		
72	54.6	44.0	66.0
71	50.1	40.0	60.0



#30
Chloroform
Concen: 19.112 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	52.0	78.0

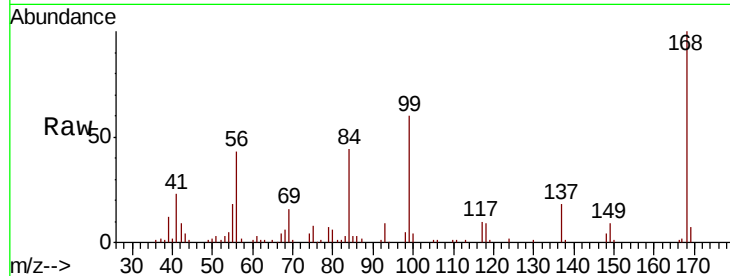




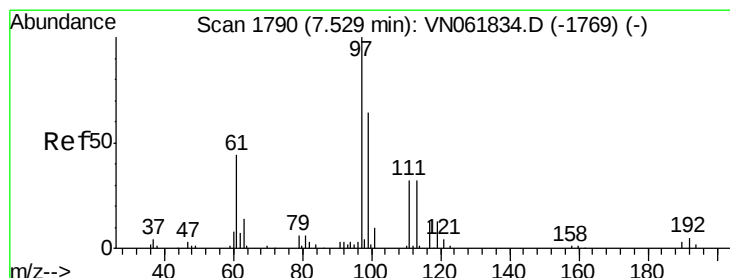
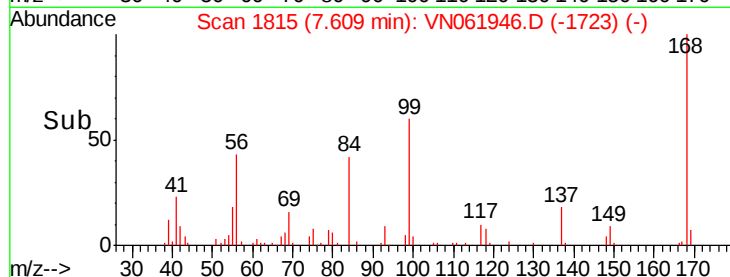
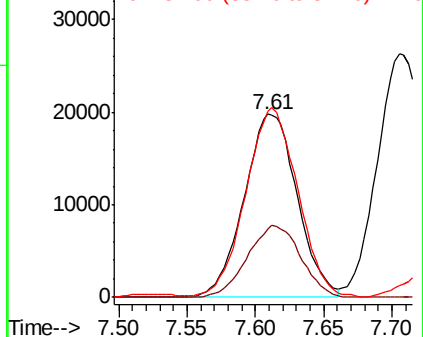
#31
Cyclohexane
Concen: 19.040 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Instrument :
MSVOA_N
ClientSampled :
VN0619WBS01

Tot Ion: 56 Resp: 53454
Ion Ratio Lower Upper
56 100
69 37.4 27.7 41.5
84 100.6 79.1 118.7

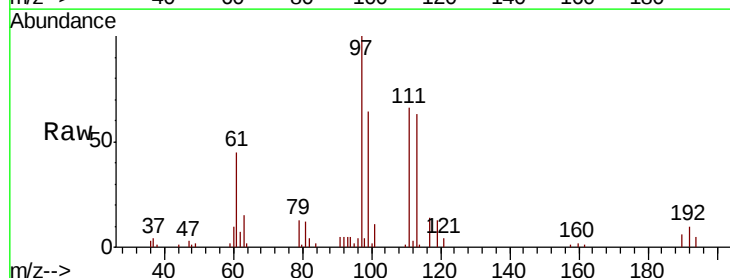


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

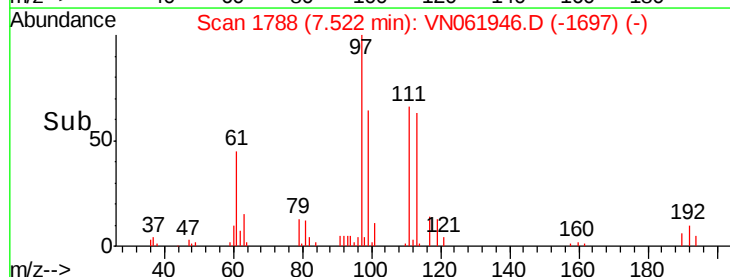
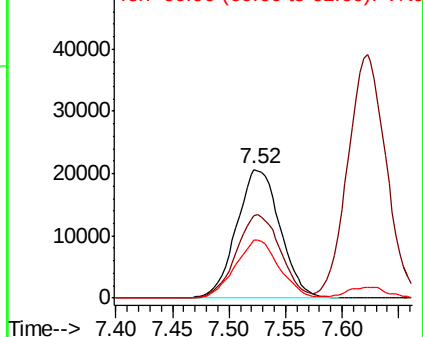


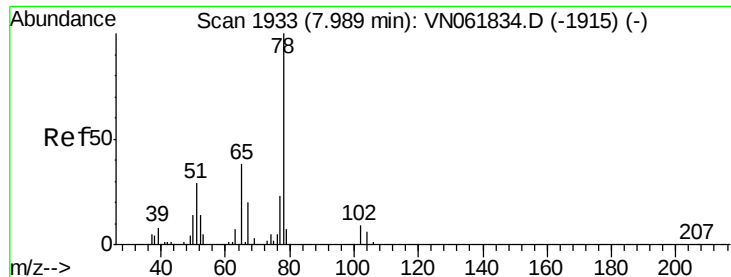
#32
1,1,1-Trichloroethane
Concen: 19.007 ug/l
RT: 7.52 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Tgt Ion: 97 Resp: 55482
Ion Ratio Lower Upper
97 100
99 65.7 51.5 77.3
61 45.3 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: 50.703 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

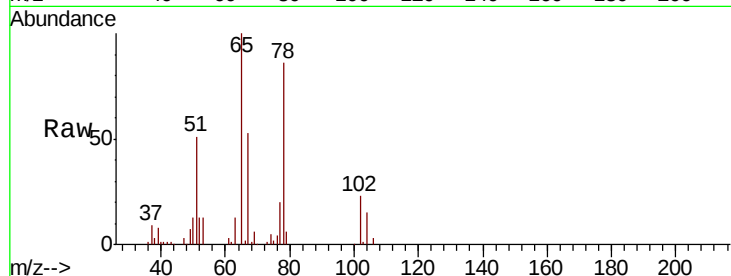
VN0619WBS01

Tot Ion: 65 Resp: 108021

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.2

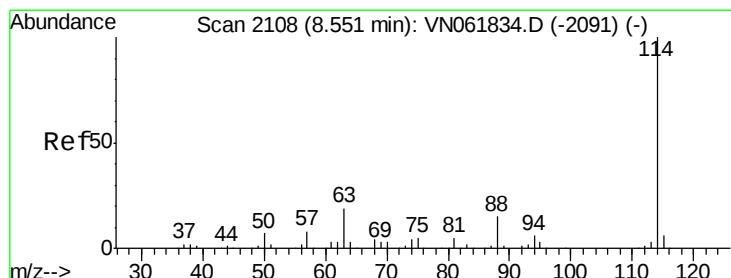
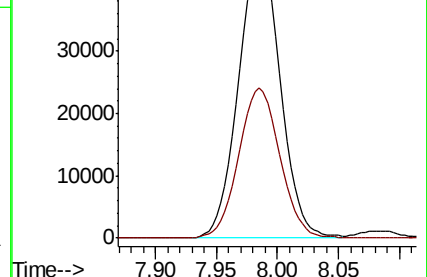
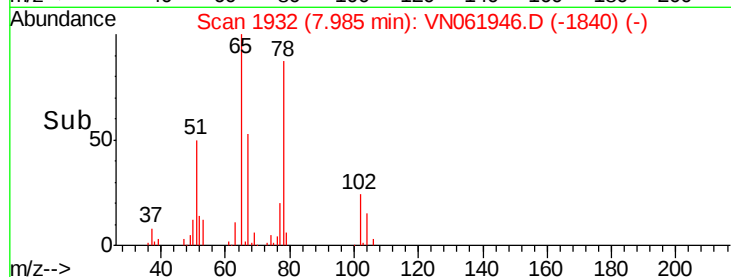


Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)

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

7.99

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

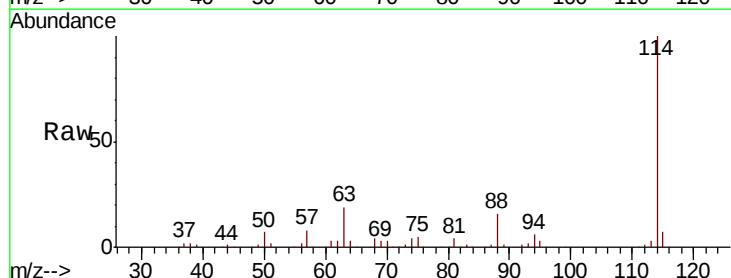
Tgt Ion: 114 Resp: 271660

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.6

88 15.5 0.0 31.0



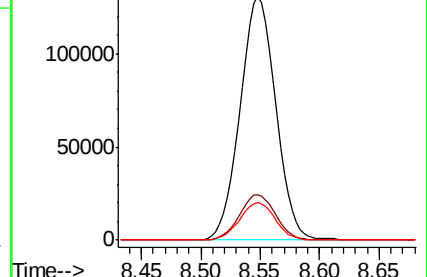
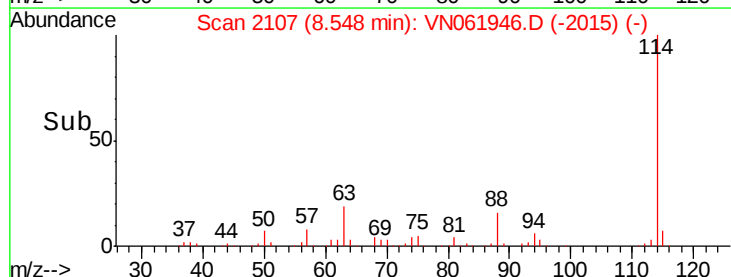
Abundance Ion 113.90 (113.60 to 114.60): VN061834.D (-2091) (-)

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

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

8.55

Time-->

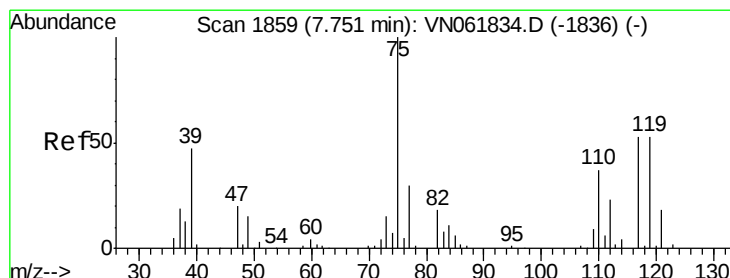
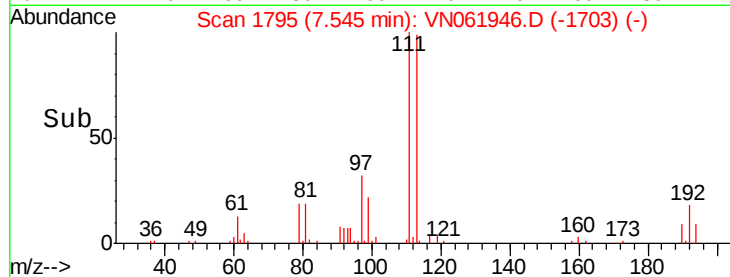
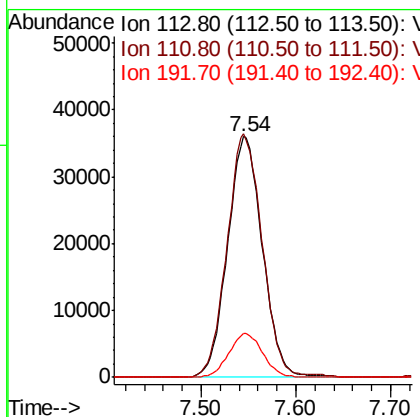
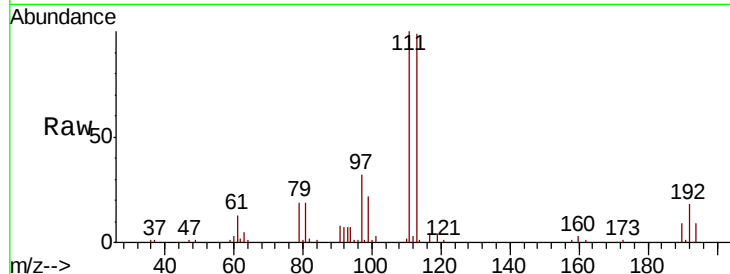




#35
 Dibromofluoromethane
 Concen: 52.918 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

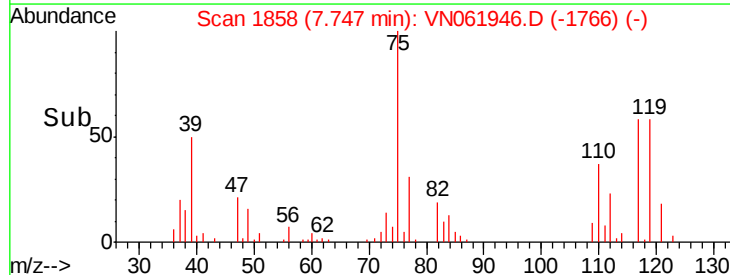
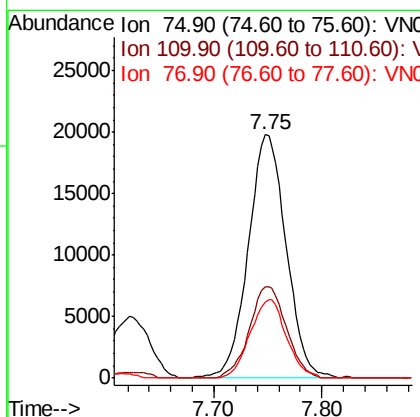
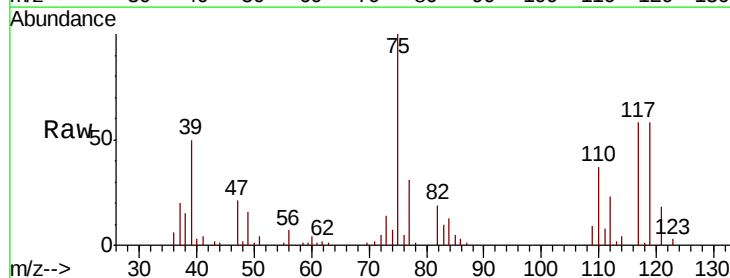
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01

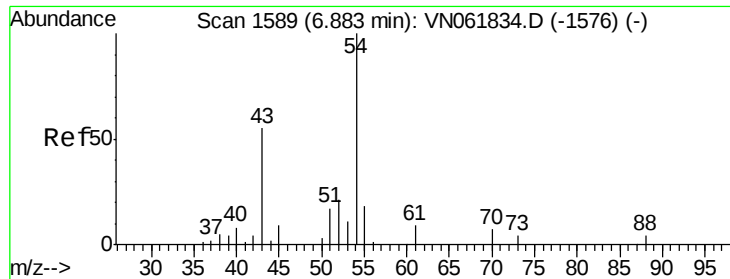
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.7	125.5
192	17.8	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 19.469 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.2	54.6
77	30.8	24.2	36.4

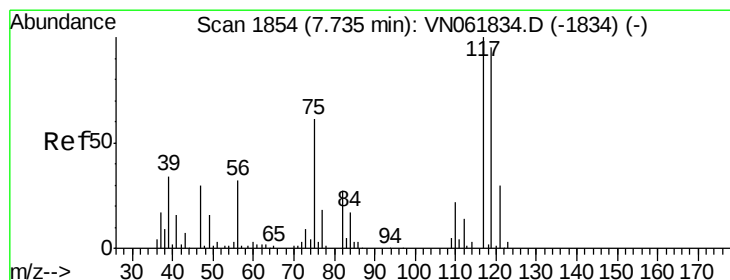
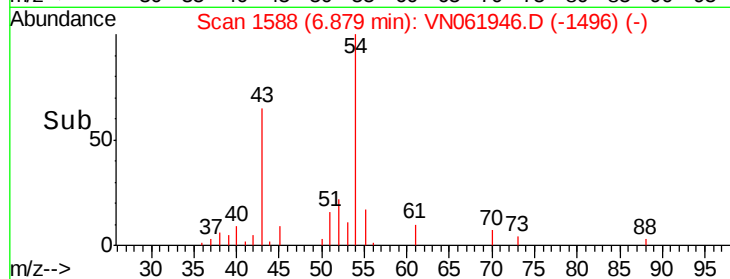
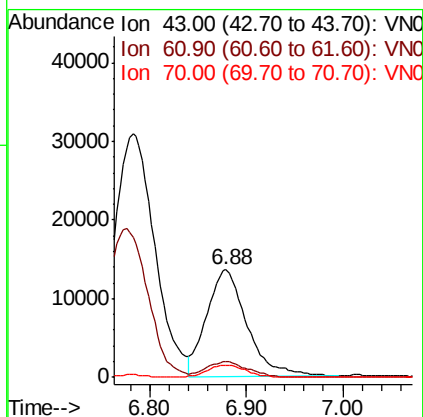
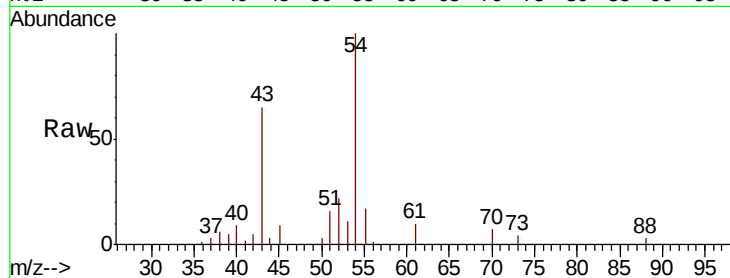




#37
Ethyl Acetate
Concen: 20.365 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

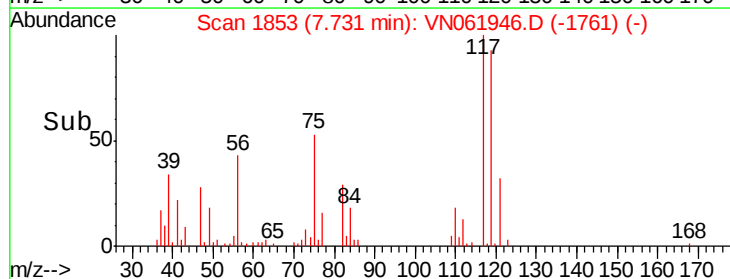
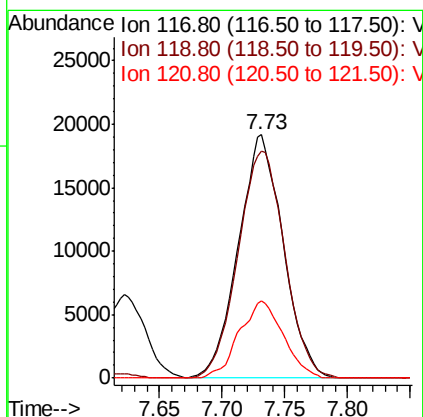
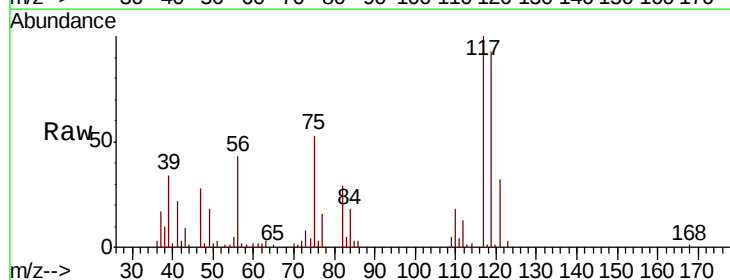
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tot Ion: 43 Resp: 39406
Ion Ratio Lower Upper
43 100
61 14.9 13.0 19.4
70 10.9 9.4 14.2



#38
Carbon Tetrachloride
Concen: 19.378 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Tgt Ion: 117 Resp: 47550
Ion Ratio Lower Upper
117 100
119 93.0 75.8 113.6
121 31.5 23.8 35.6

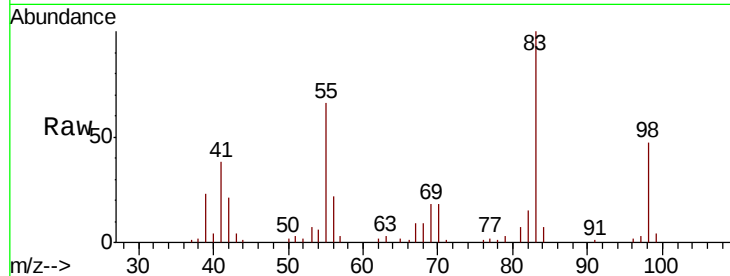




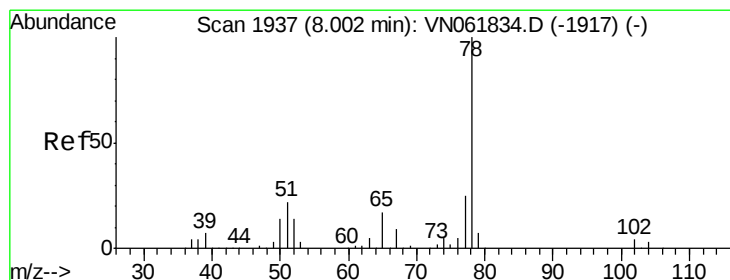
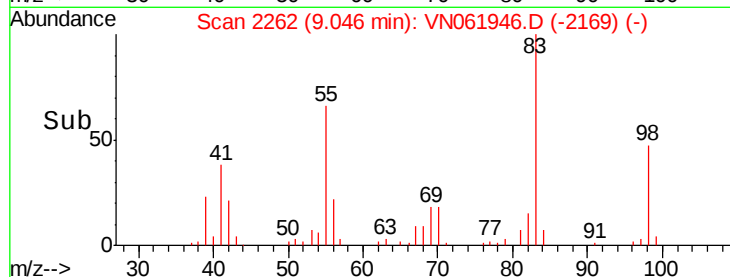
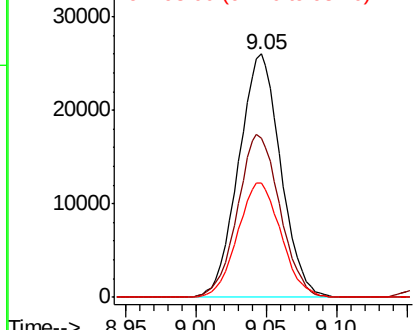
#39
Methvlcvclohexane
Concen: 20.323 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tot Ion: 83 Resp: 54225
Ion Ratio Lower Upper
83 100
55 65.5 54.2 81.4
98 47.2 39.8 59.6

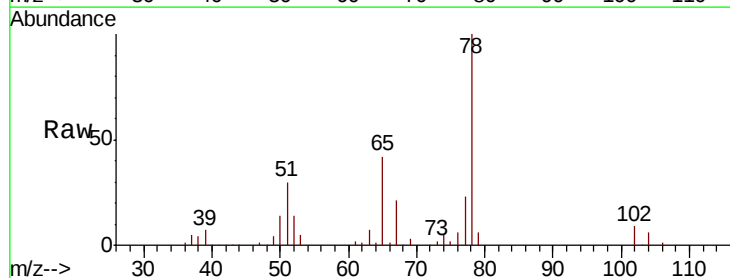


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

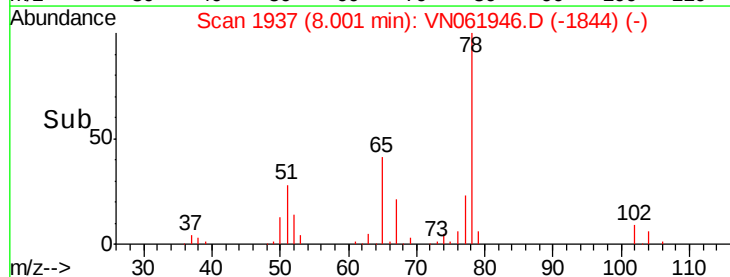
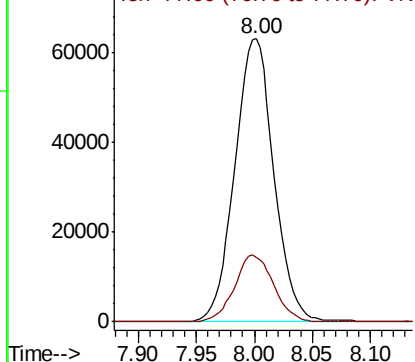


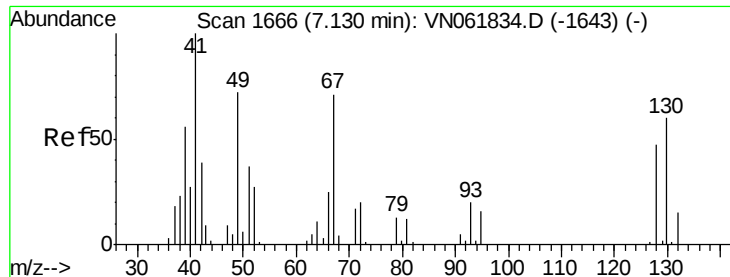
#40
Benzene
Concen: 19.718 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Tgt Ion: 78 Resp: 148002
Ion Ratio Lower Upper
78 100
77 22.8 19.7 29.5



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

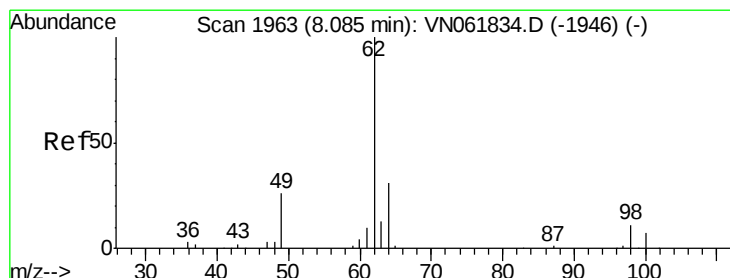
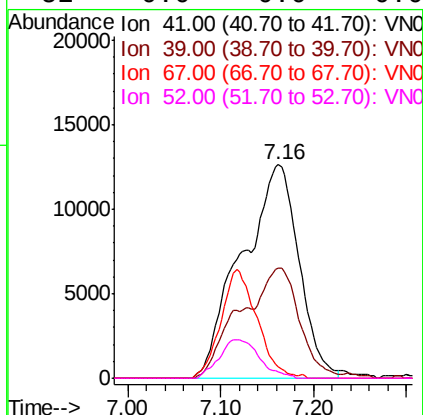
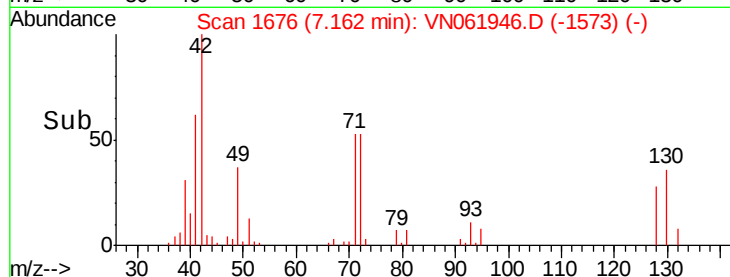
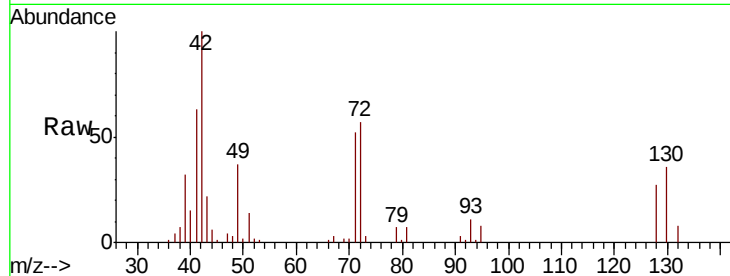




#41
Methacrylonitrile
Concen: 65.510 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.03 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

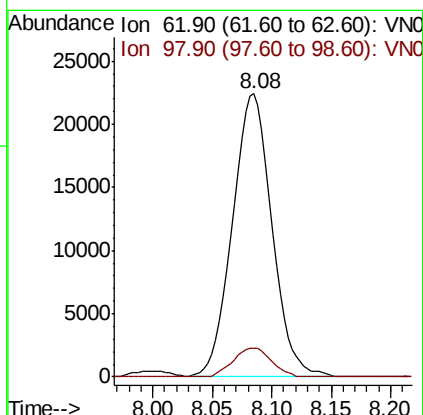
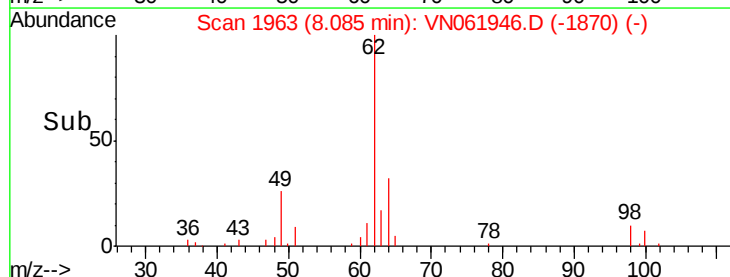
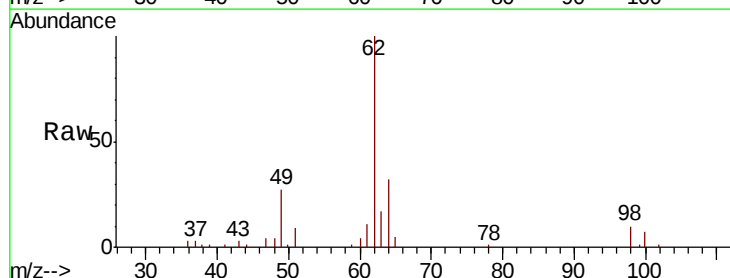
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

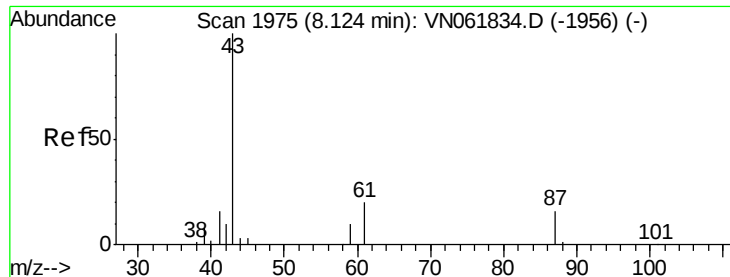
Tot Ion: 41 Resp: 54204
Ion Ratio Lower Upper
41 100
39 31.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.155 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Tgt Ion: 62 Resp: 51584
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.4





#43

Isopropyl Acetate

Concen: 19.418 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

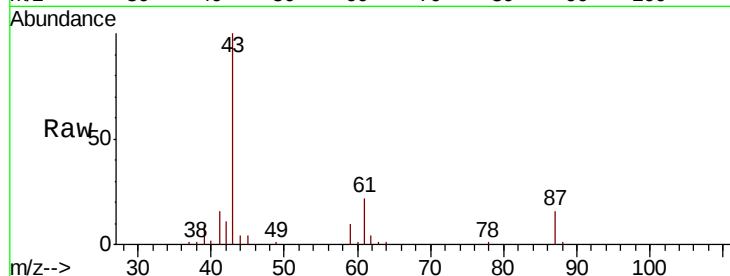
Tot Ion: 43 Resp: 63318

Ion Ratio Lower Upper

43 100

61 30.7 24.0 36.0

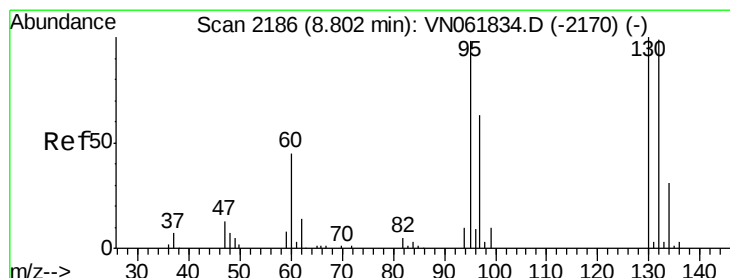
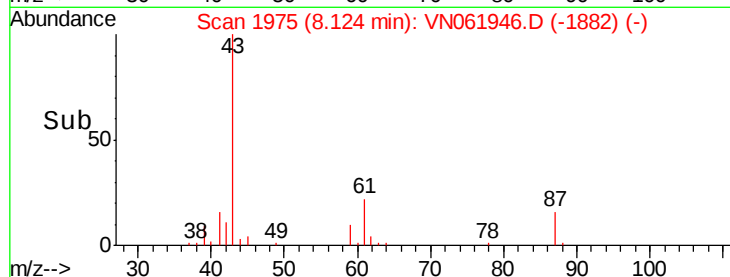
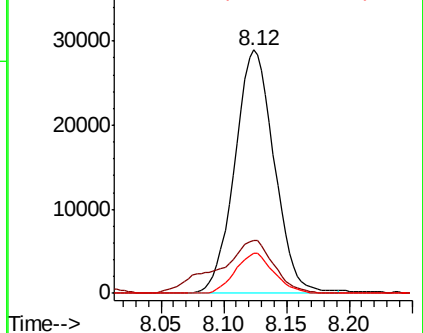
87 16.0 12.5 18.7



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

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

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



#44

Trichloroethene

Concen: 19.600 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061946.D

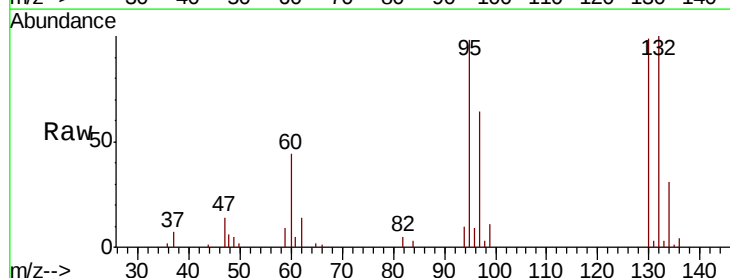
Acq: 19 Jun 2020 12:46

Tgt Ion:130 Resp: 38718

Ion Ratio Lower Upper

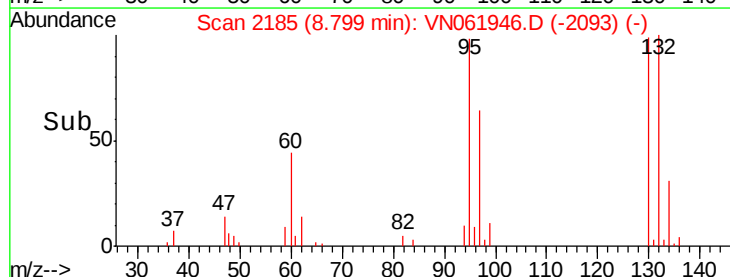
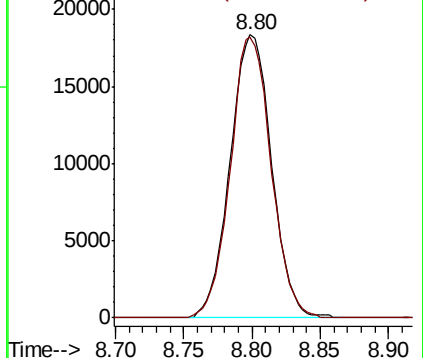
130 100

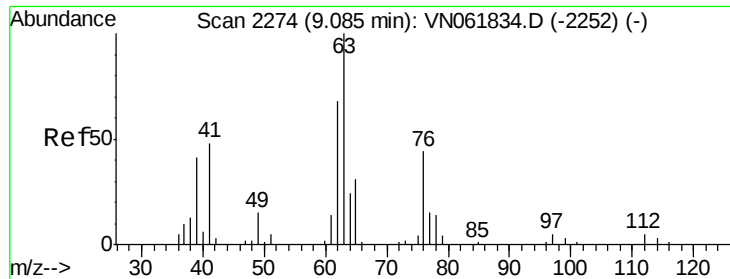
95 99.0 0.0 195.6



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

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





#45

1,2-Dichloropropane

Concen: 19.903 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampled :

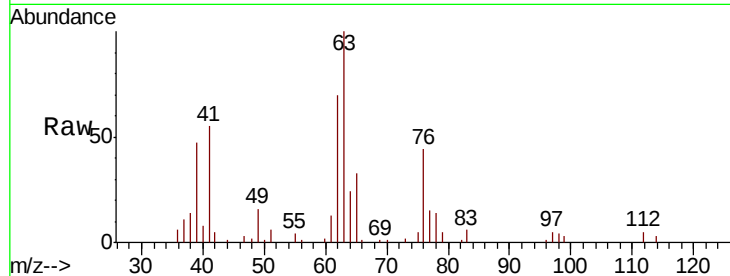
VN0619WBS01

Tot Ion: 63 Resp: 36713

Ion Ratio Lower Upper

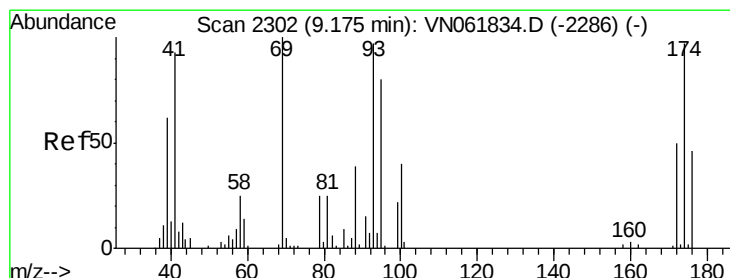
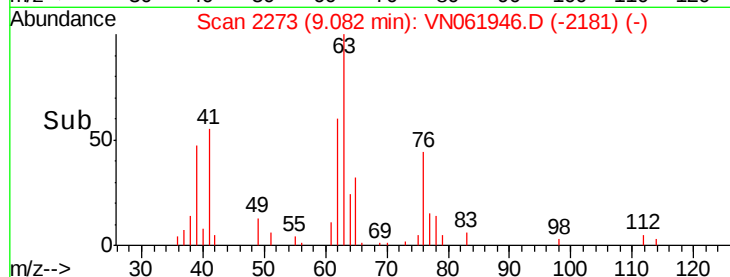
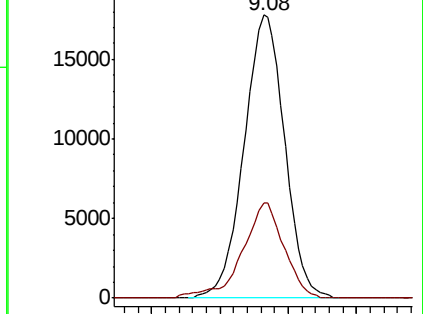
63 100

65 33.5 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-2252) (-)

Ion 64.90 (64.60 to 65.60): VN061834.D (-2252) (-)



#46

Dibromomethane

Concen: 19.919 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

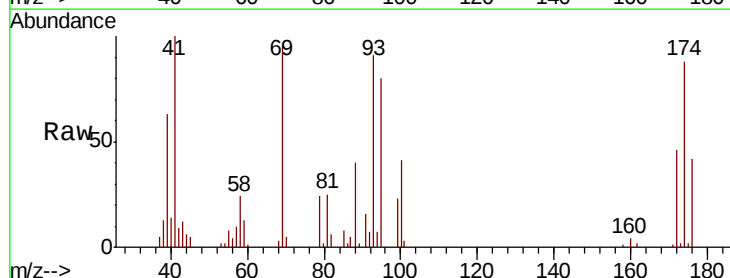
Tgt Ion: 93 Resp: 25874

Ion Ratio Lower Upper

93 100

95 83.7 65.8 98.6

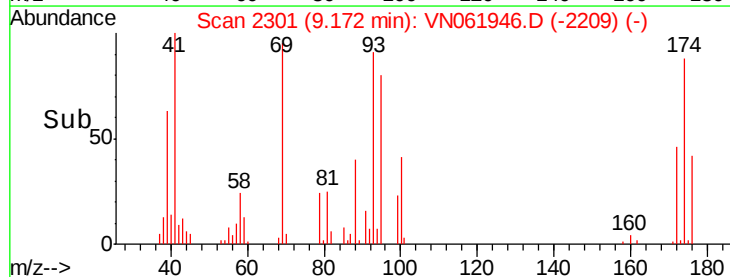
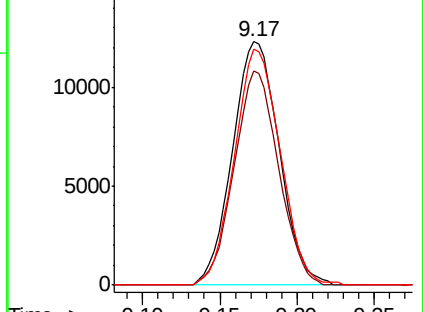
174 94.8 78.5 117.7

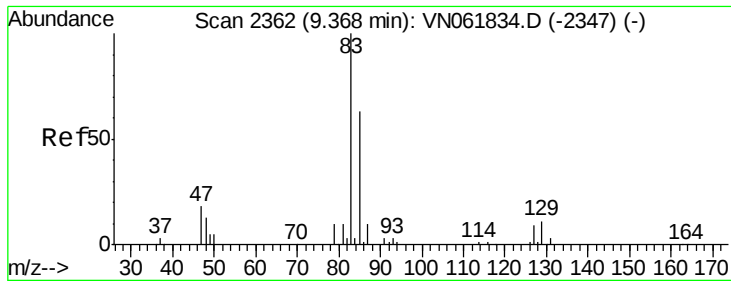


Abundance Ion 92.80 (92.50 to 93.50): VN061834.D (-2286) (-)

Ion 94.80 (94.50 to 95.50): VN061834.D (-2286) (-)

Ion 173.70 (173.40 to 174.40): VN061834.D (-2286) (-)





#47

Bromodichloromethane

Concen: 19.502 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampled :

VN0619WBS01

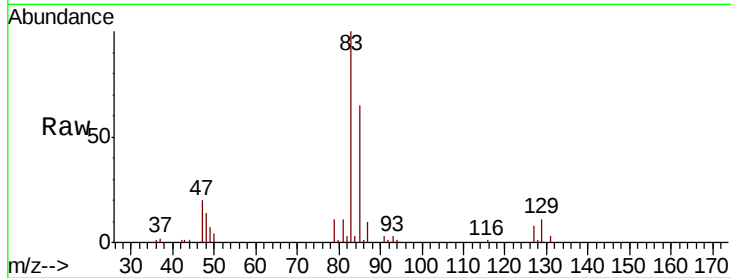
Tot Ion: 83 Resp: 51870

Ion Ratio Lower Upper

83 100

85 65.4 50.8 76.2

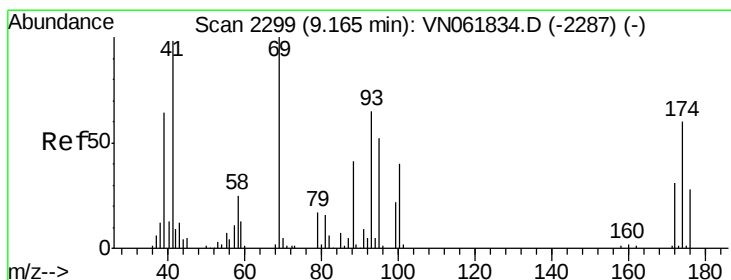
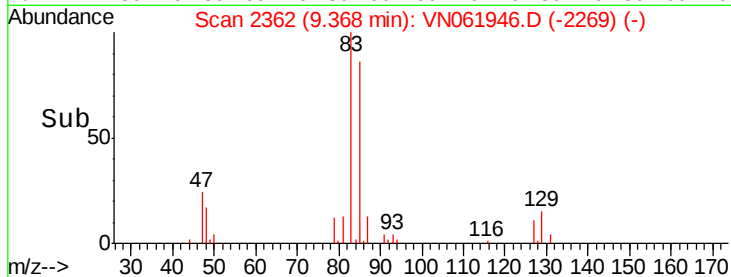
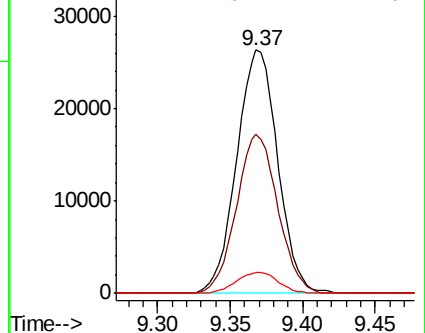
127 8.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN061946.D (-2269) (-)

Ion 84.90 (84.60 to 85.60): VN061946.D (-2269) (-)

Ion 126.80 (126.50 to 127.50): VN061946.D (-2269) (-)



#48

Methyl methacrylate

Concen: 19.571 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

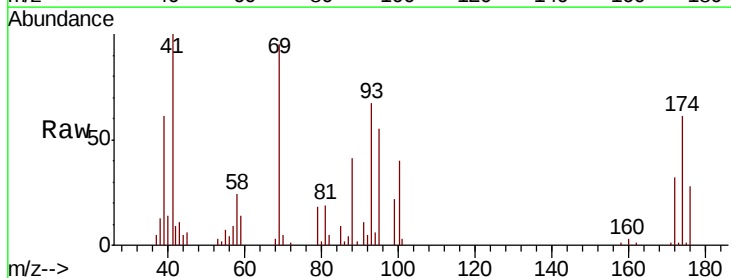
Tgt Ion: 41 Resp: 29022

Ion Ratio Lower Upper

41 100

69 99.7 83.0 124.4

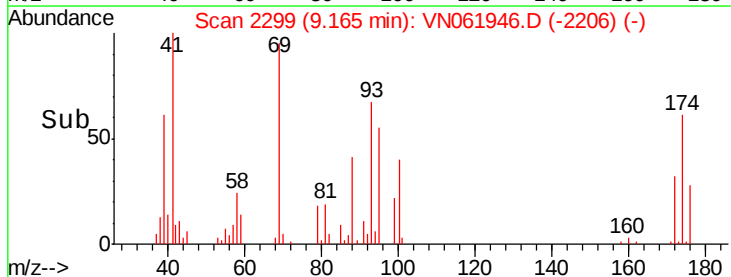
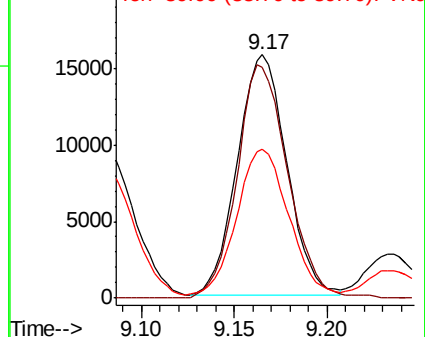
39 66.6 55.1 82.7



Abundance Ion 41.00 (40.70 to 41.70): VN061946.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061946.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061946.D (-2206) (-)





#49

1,4-Dioxane

Concen: 387.505 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

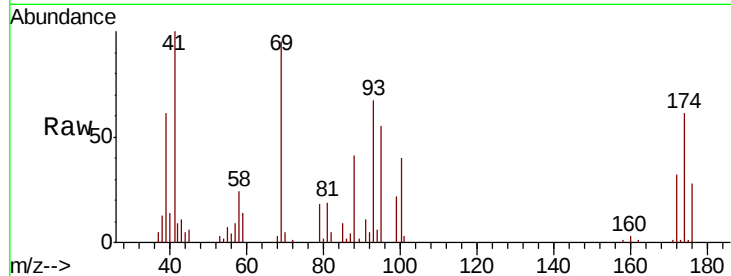
Tot Ion: 88 Resp: 13193

Ion Ratio Lower Upper

88 100

43 28.5 23.4 35.2

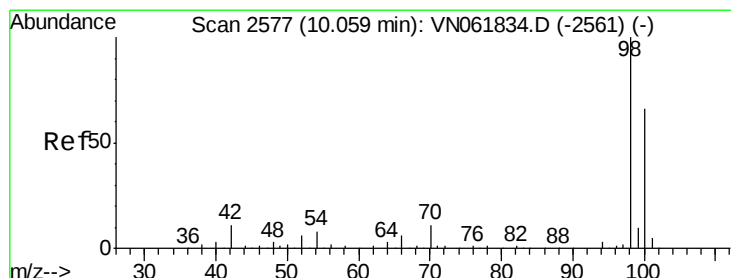
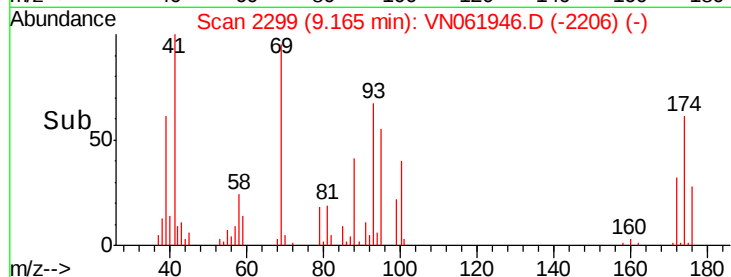
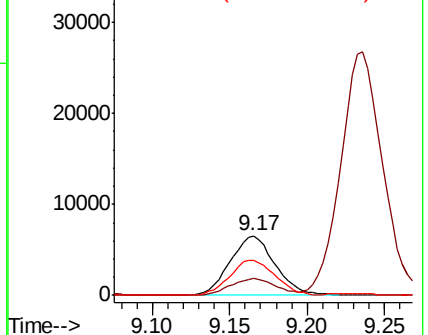
58 59.0 49.8 74.6



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

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

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



#50

Toluene-d8

Concen: 51.879 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061946.D

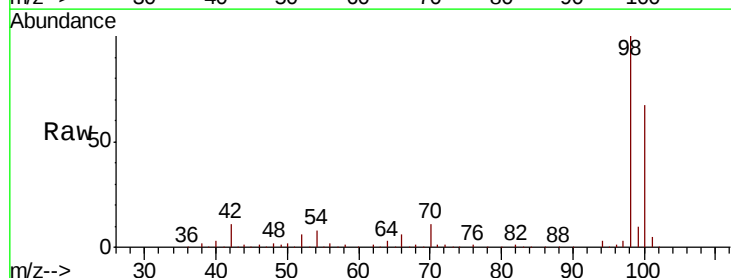
Acq: 19 Jun 2020 12:46

Tgt Ion: 98 Resp: 354468

Ion Ratio Lower Upper

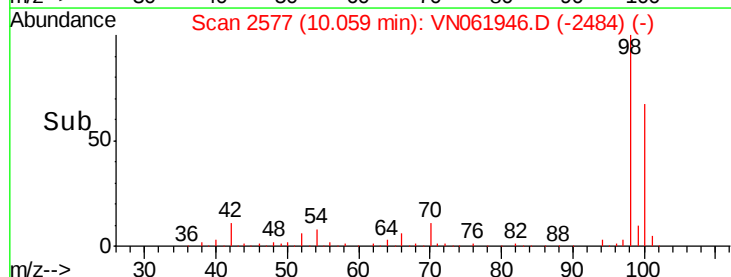
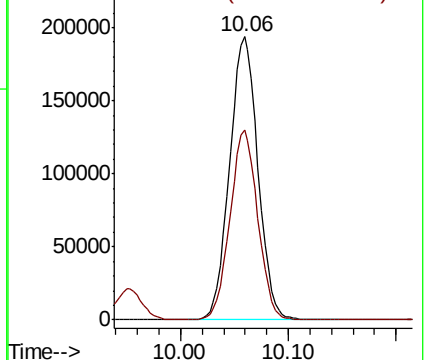
98 100

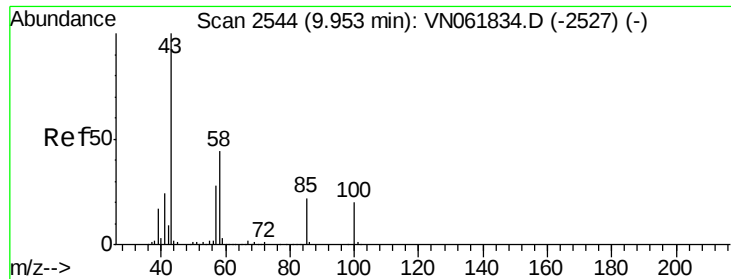
100 65.9 52.7 79.1



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

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





#51

4-Methyl-2-Pentanone

Concen: 97.686 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampled :

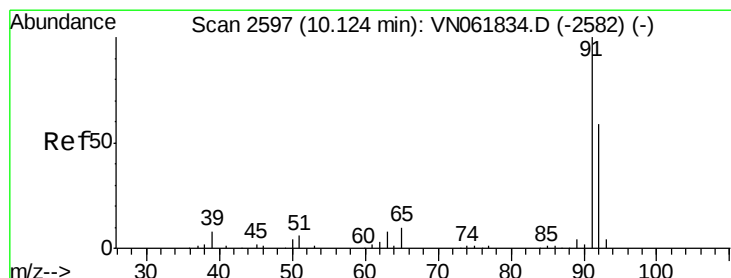
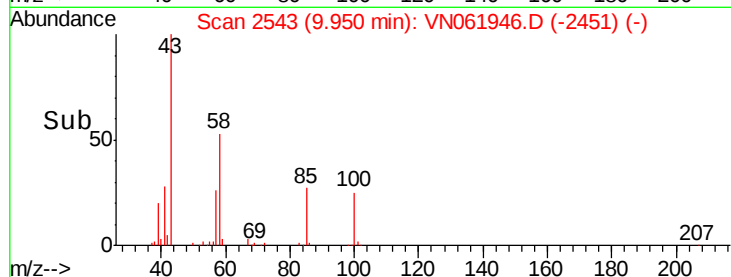
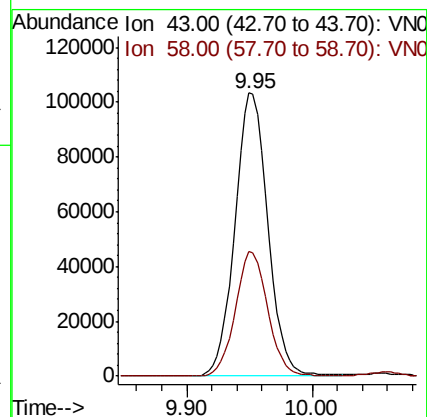
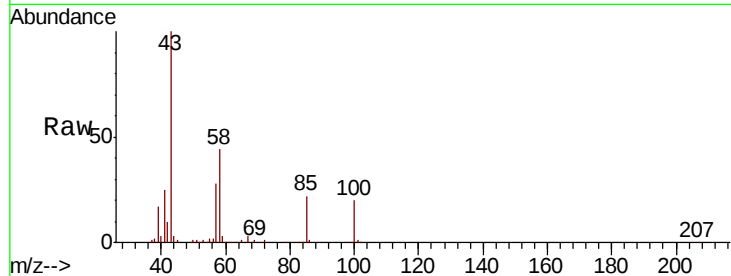
VN0619WBS01

Tot Ion: 43 Resp: 188236

Ion Ratio Lower Upper

43 100

58 43.2 34.6 52.0



#52

Toluene

Concen: 20.107 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061946.D

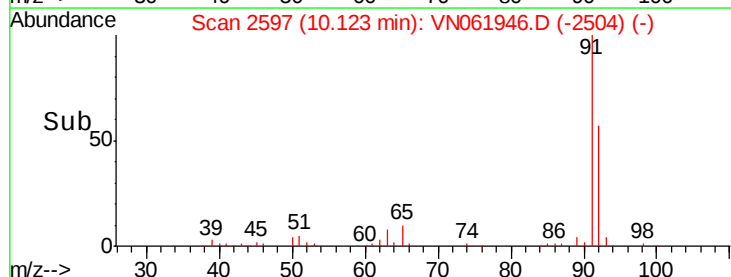
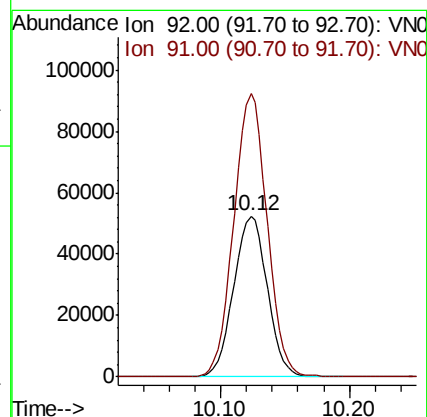
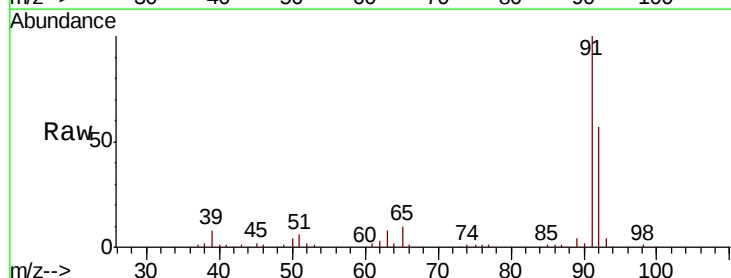
Acq: 19 Jun 2020 12:46

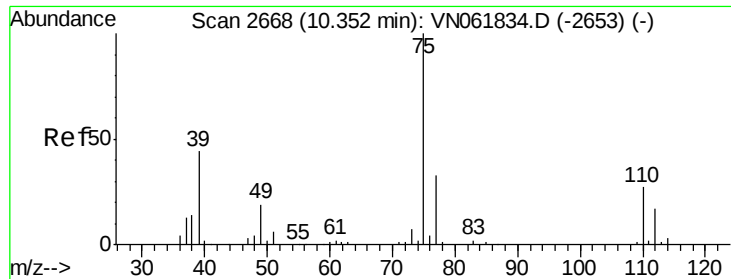
Tgt Ion: 92 Resp: 94784

Ion Ratio Lower Upper

92 100

91 175.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 19.531 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

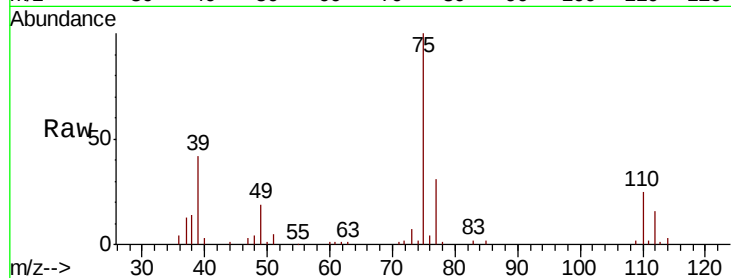
VN0619WBS01

Tot Ion: 75 Resp: 55148

Ion Ratio Lower Upper

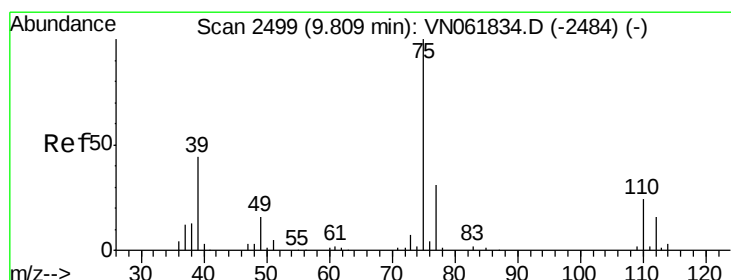
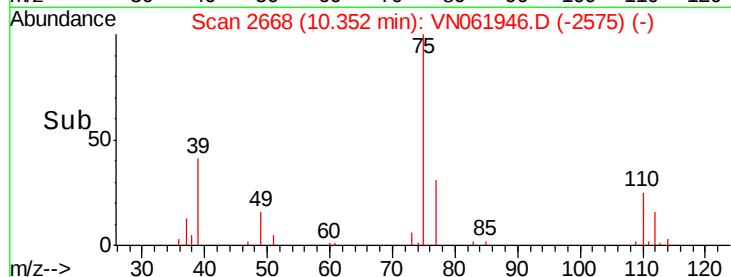
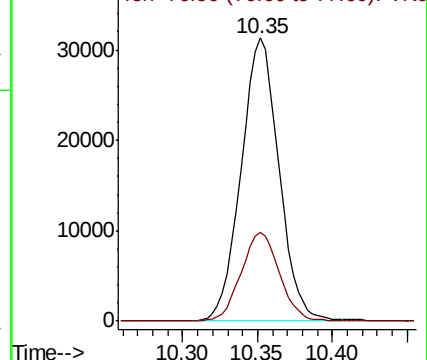
75 100

77 31.3 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.941 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

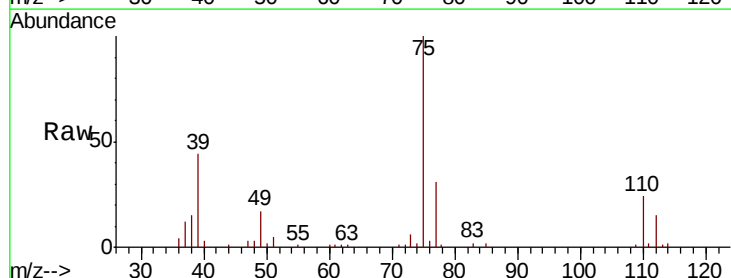
Tgt Ion: 75 Resp: 61156

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

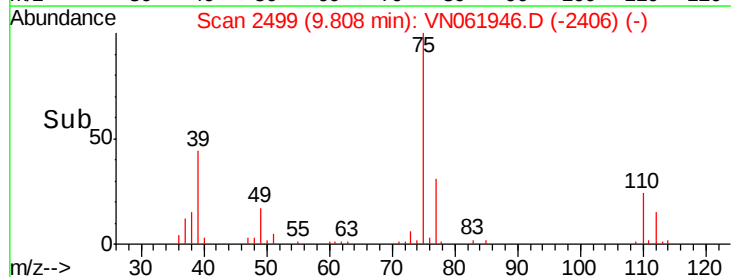
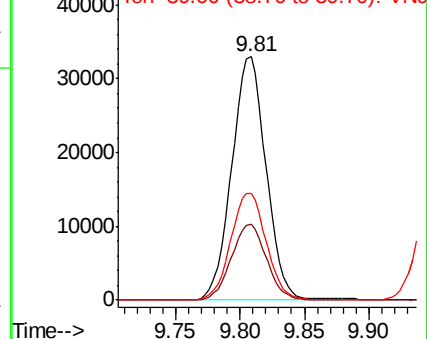
39 43.8 35.4 53.0

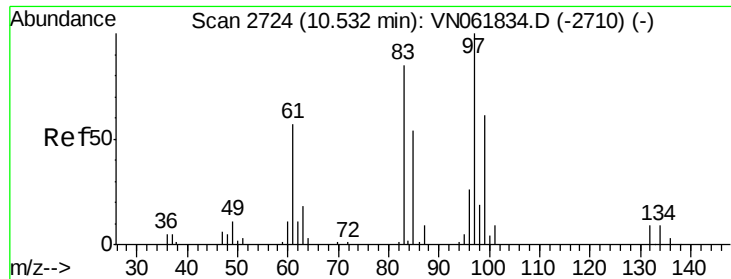


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

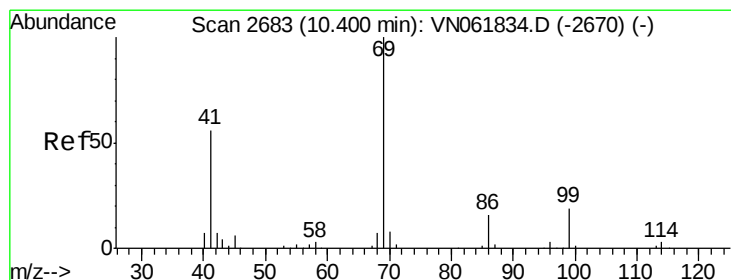
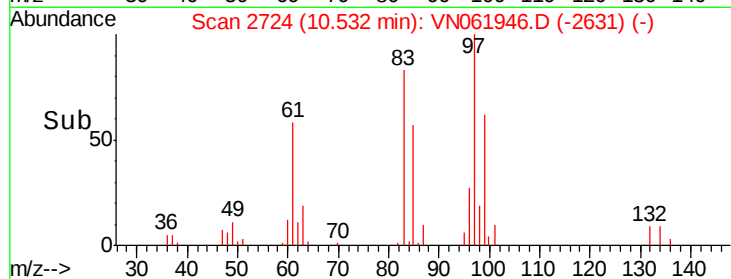
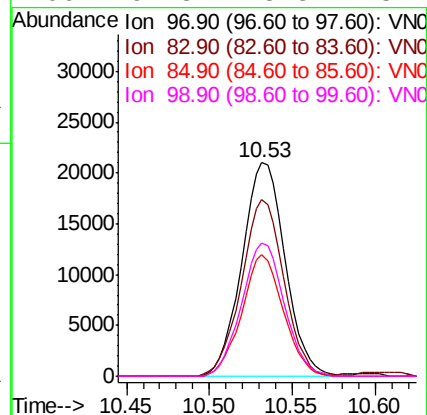
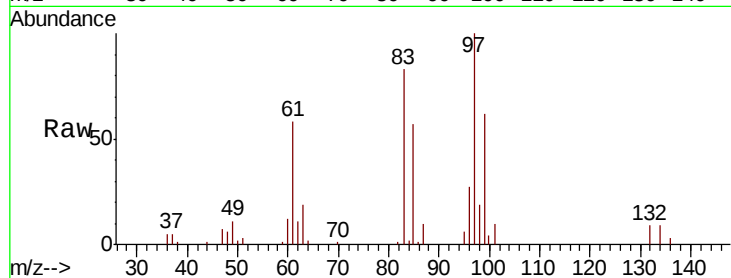




#55
 1,1,2-Trichloroethane
 Concen: 20.588 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

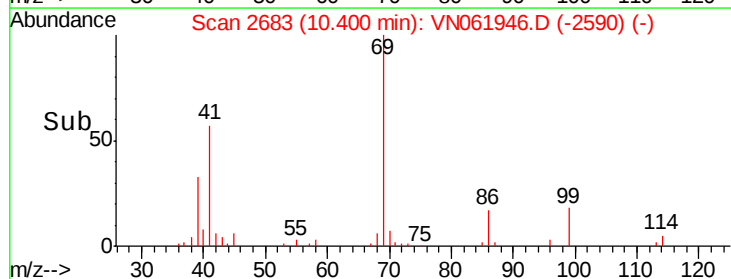
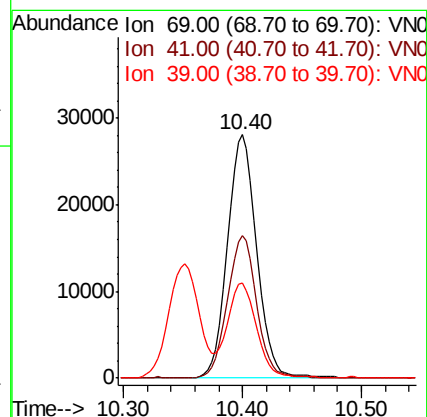
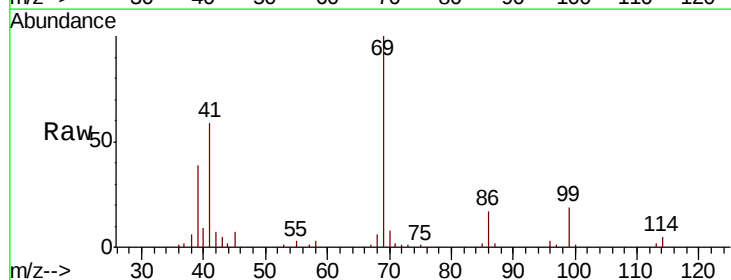
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01

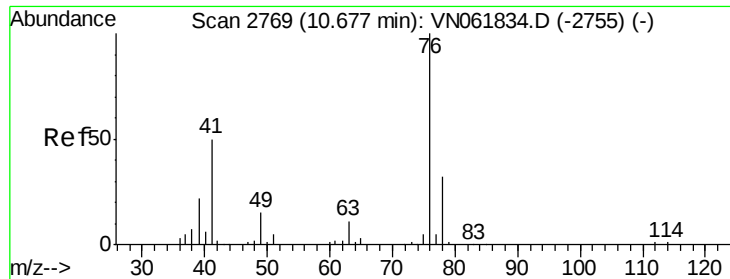
Tot Ion: 97 Resp: 38184
 Ion Ratio Lower Upper
 97 100
 83 82.6 67.7 101.5
 85 56.7 43.4 65.0
 99 62.3 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 18.783 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

Tgt Ion: 69 Resp: 47761
 Ion Ratio Lower Upper
 69 100
 41 58.6 44.9 67.3
 39 37.6 30.0 45.0

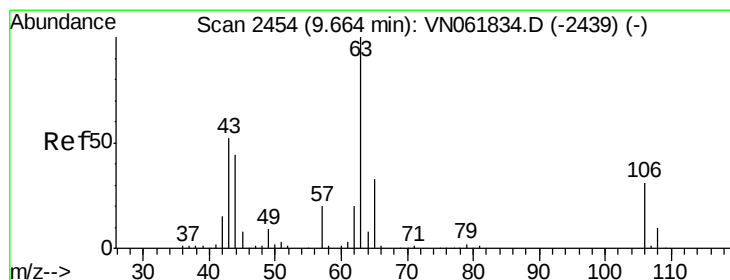
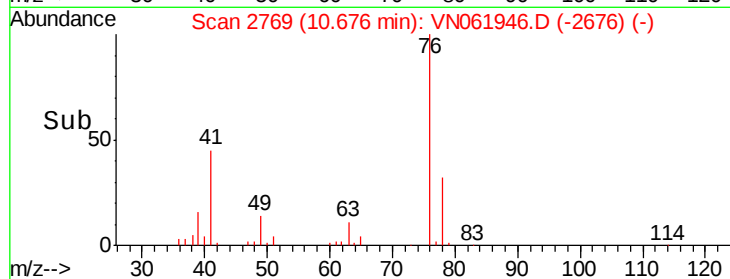
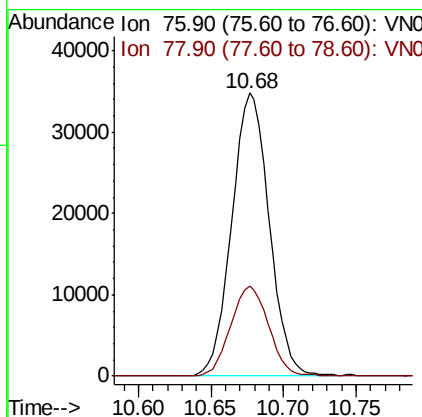
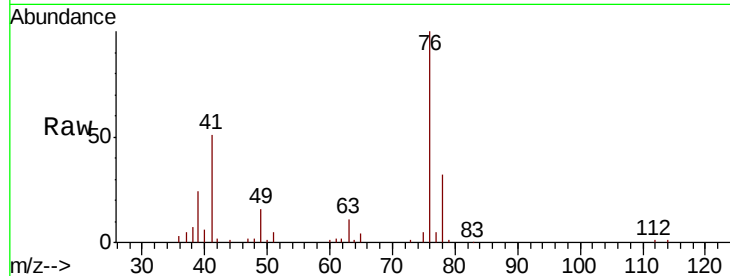




#57
 1,3-Dichloropropane
 Concen: 19.887 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

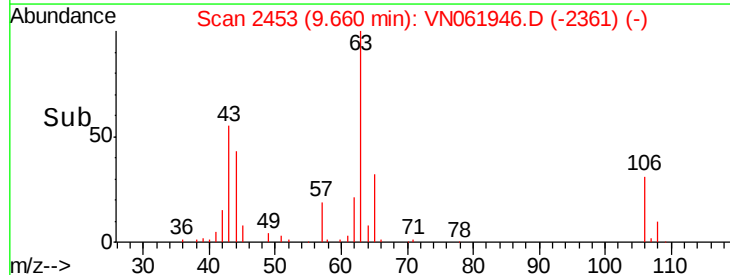
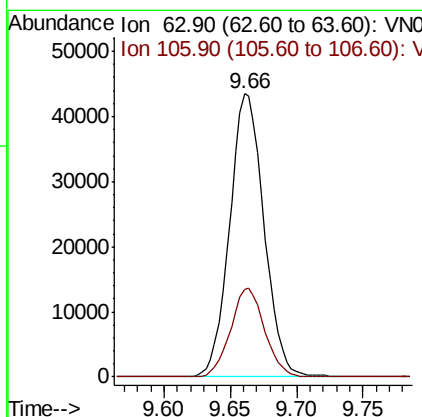
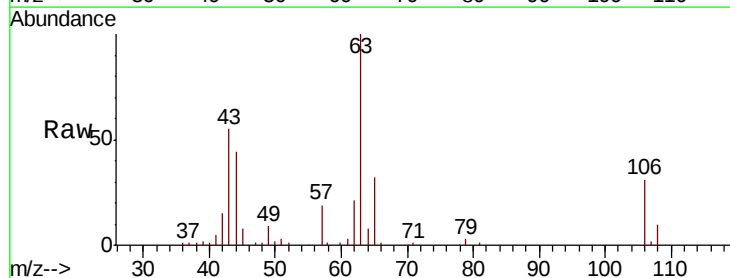
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01

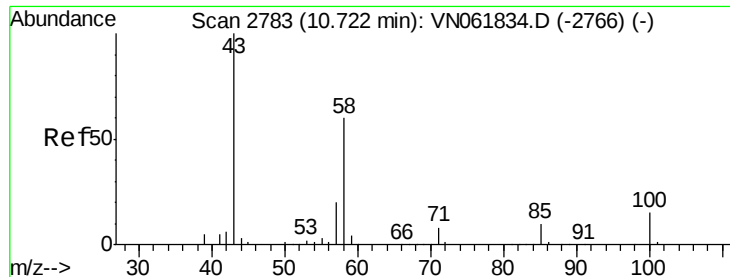
Tot Ion: 76 Resp: 62486
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 79.828 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

Tgt Ion: 63 Resp: 78140
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.6 36.8





#59

2-Hexanone

Concen: 95.651 ug/l

RT: 10.72 min Scan# 2783

Delta R.T. 0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

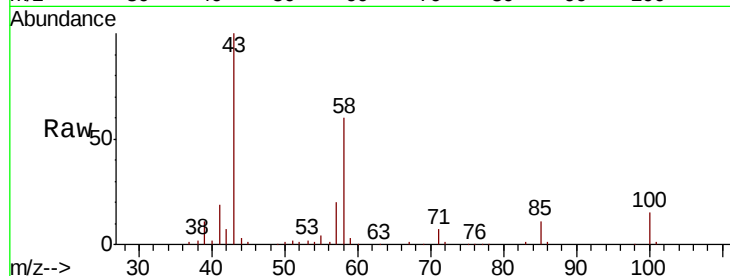
VN0619WBS01

Tot Ion: 43 Resp: 133786

Ion Ratio Lower Upper

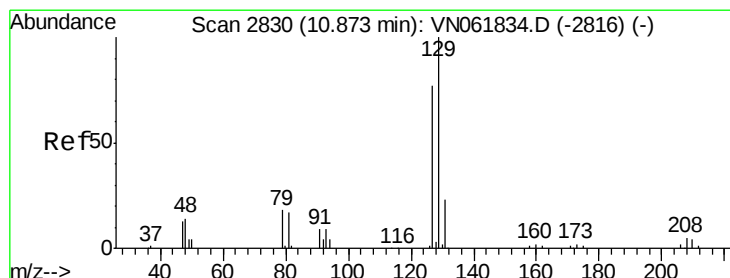
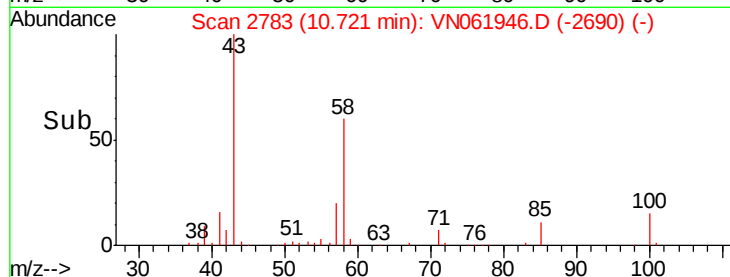
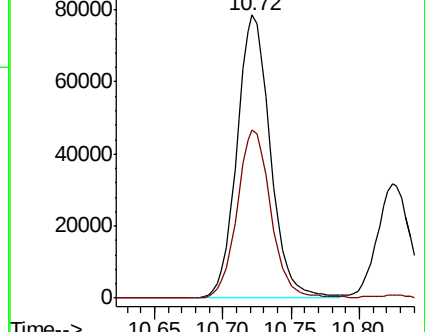
43 100

58 59.9 30.1 90.5



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2766) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2766) (-)



#60

Dibromochloromethane

Concen: 19.704 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN061946.D

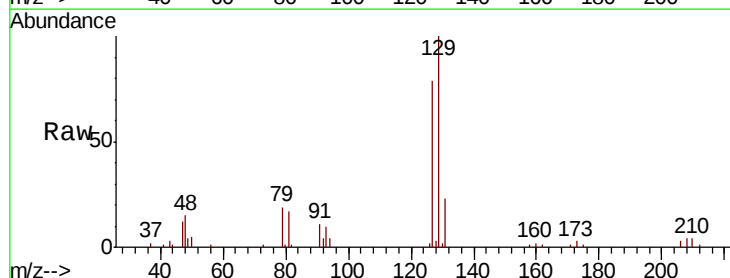
Acq: 19 Jun 2020 12:46

Tgt Ion: 129 Resp: 40779

Ion Ratio Lower Upper

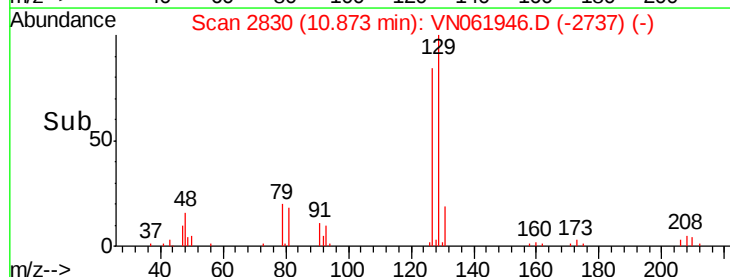
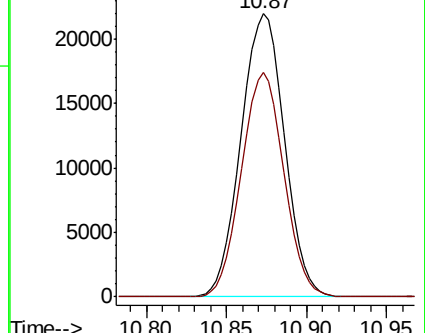
129 100

127 77.3 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): VN061834.D (-2816) (-)

Ion 126.80 (126.50 to 127.50): VN061834.D (-2816) (-)





#61

1,2-Dibromoethane

Concen: 19.444 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

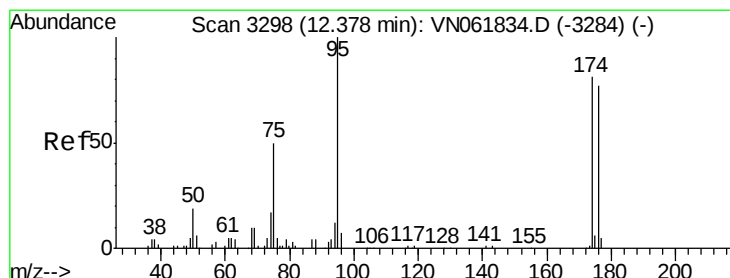
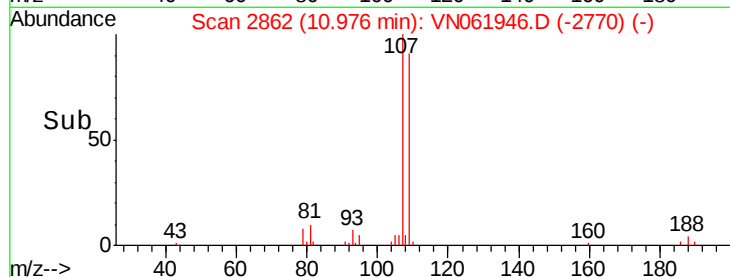
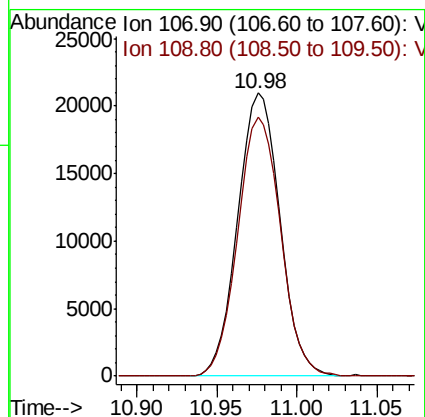
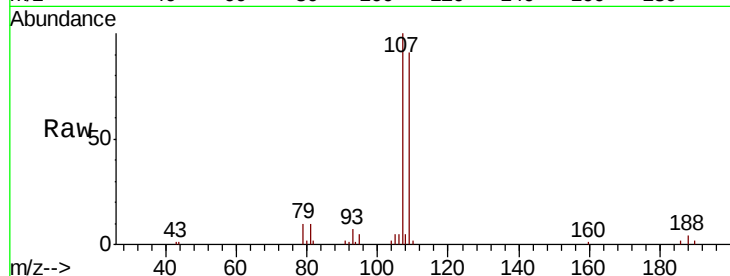
VN0619WBS01

Tot Ion:107 Resp: 37656

Ion Ratio Lower Upper

107 100

109 93.0 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 51.239 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

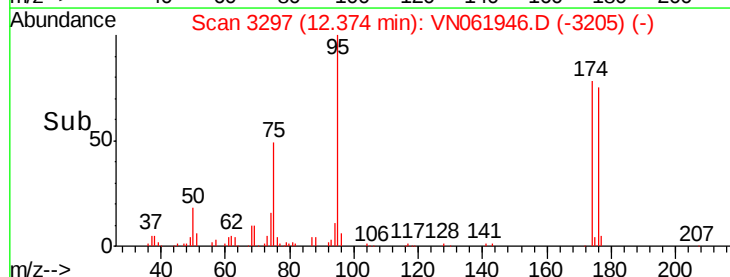
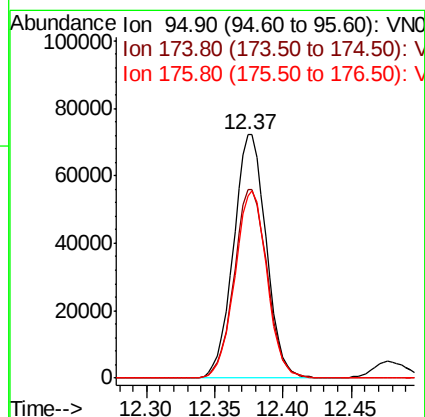
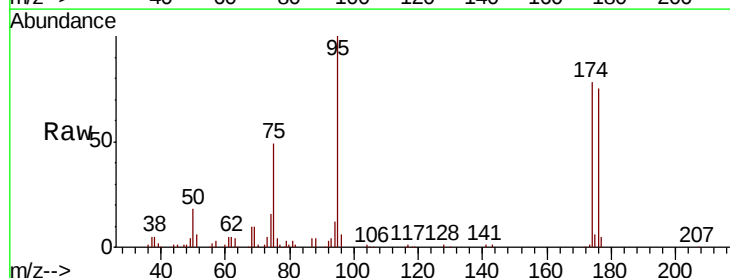
Tgt Ion: 95 Resp: 120088

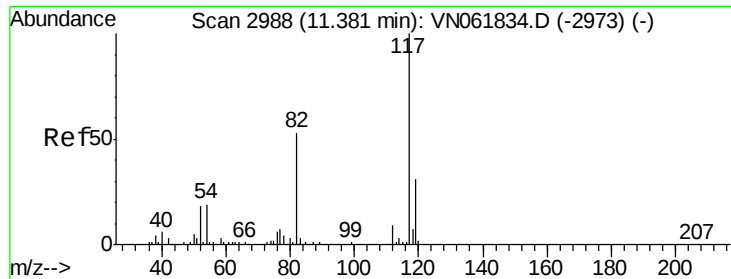
Ion Ratio Lower Upper

95 100

174 78.4 0.0 158.6

176 75.5 0.0 152.0

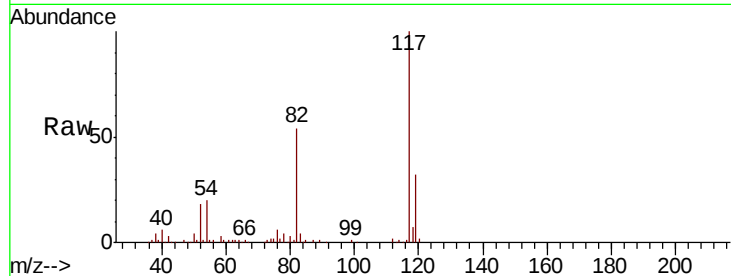




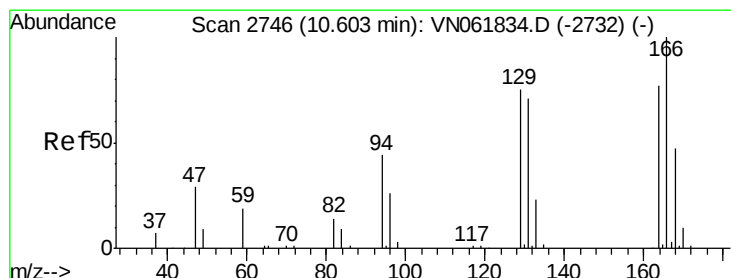
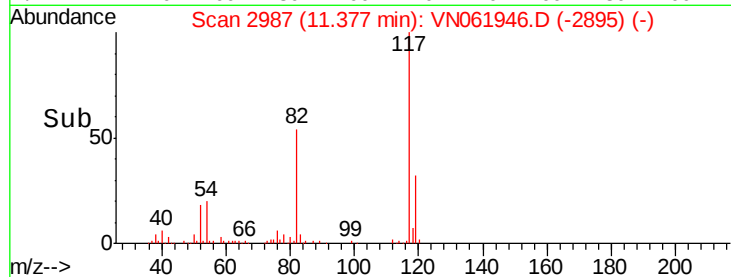
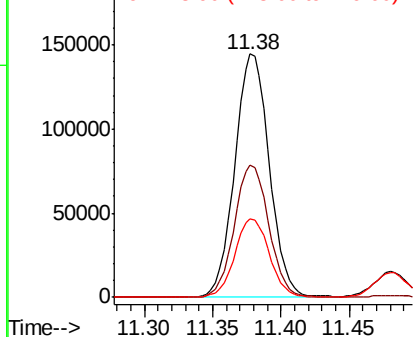
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tot Ion:117 Resp: 254415
Ion Ratio Lower Upper
117 100
82 54.2 42.6 64.0
119 32.5 24.7 37.1

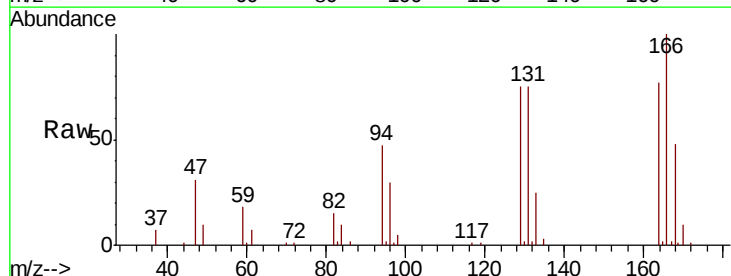


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

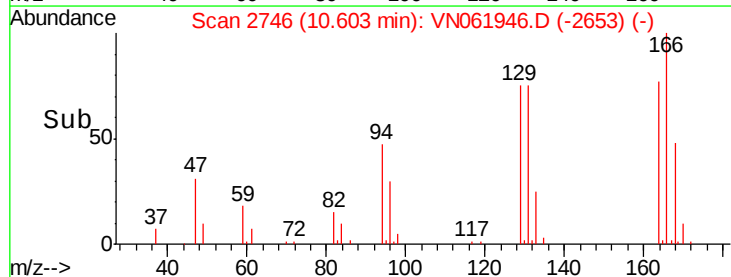
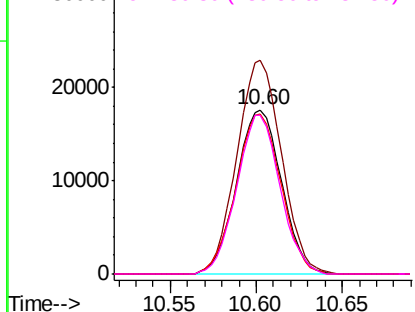


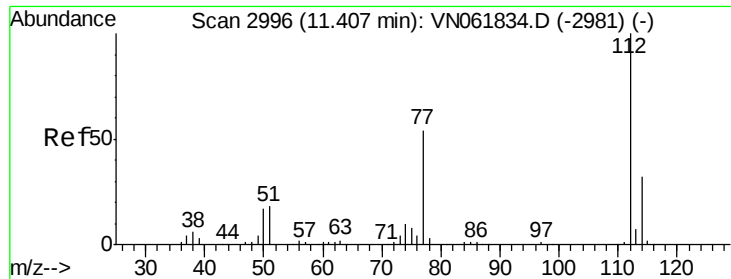
#64
Tetrachloroethene
Concen: 19.746 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Tgt Ion:164 Resp: 32020
Ion Ratio Lower Upper
164 100
166 130.2 103.5 155.3
129 97.5 77.5 116.3
131 97.1 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

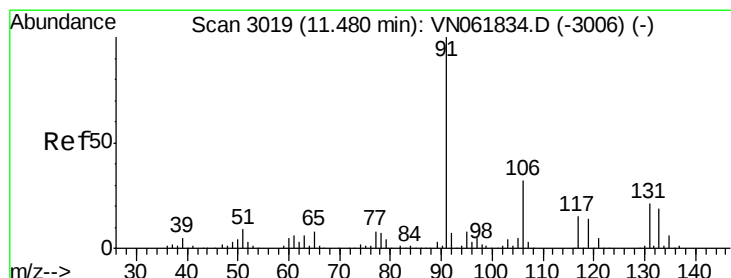
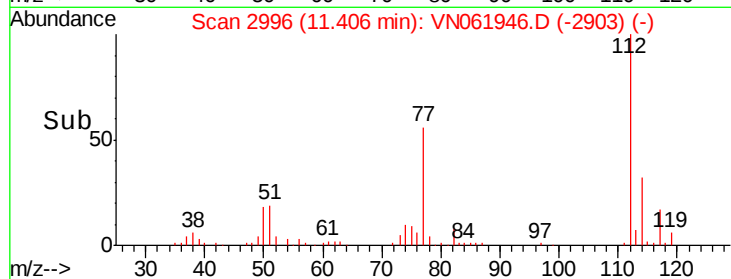
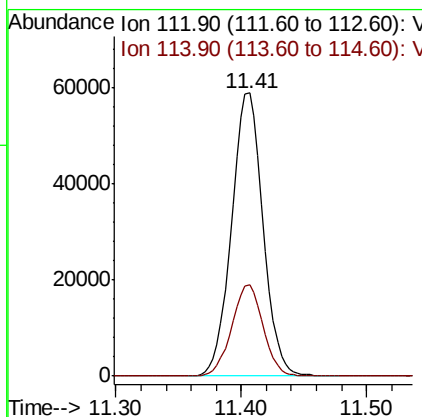
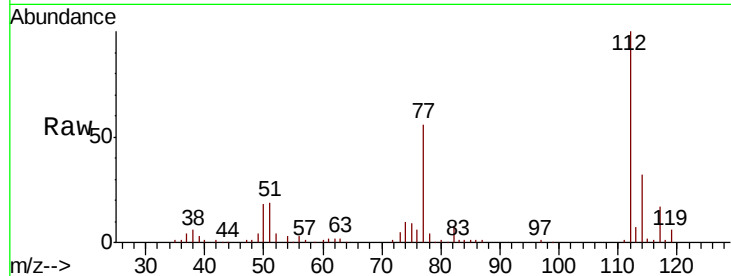




#65
Chlorobenzene
Concen: 19.089 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

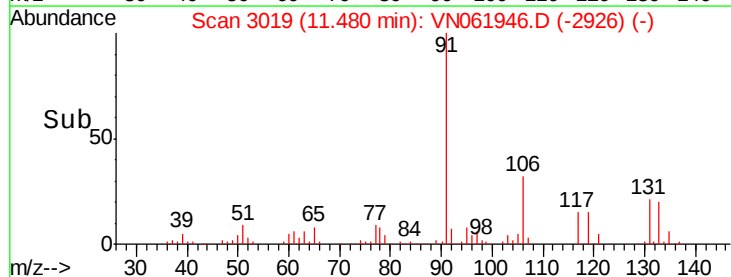
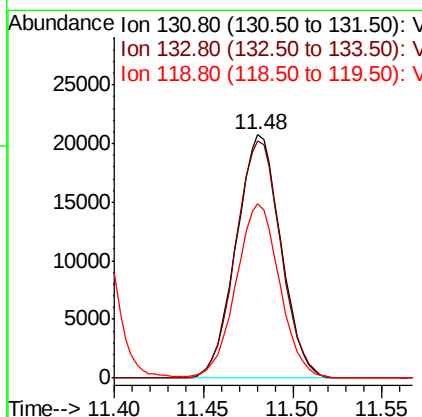
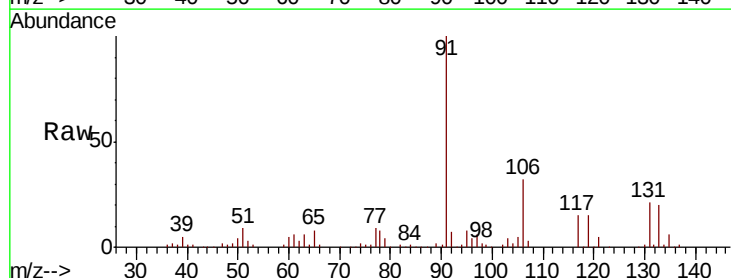
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tot Ion:112 Resp: 102479
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.426 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Tgt Ion:131 Resp: 36372
Ion Ratio Lower Upper
131 100
133 98.4 47.5 142.5
119 70.1 34.0 101.8

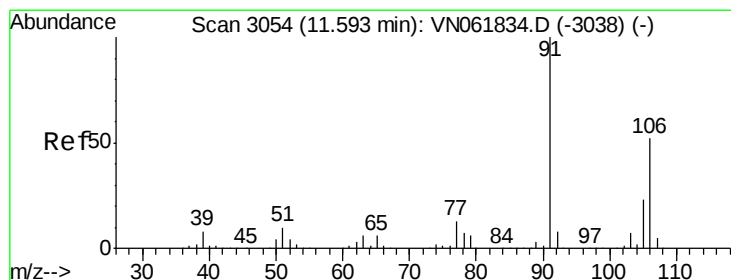
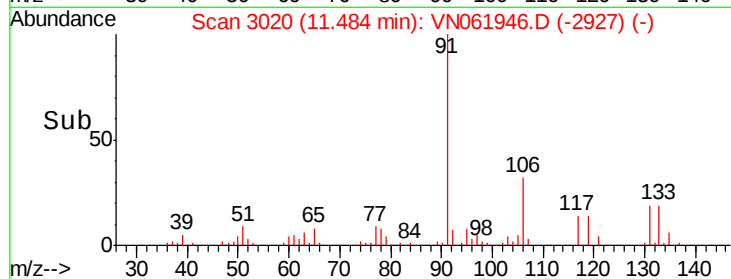
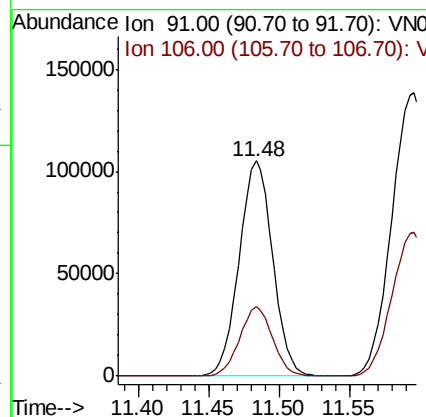
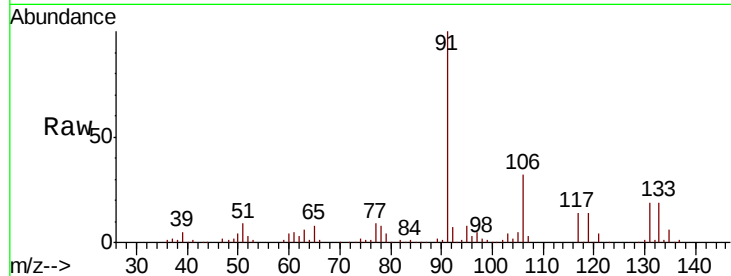




#67
Ethyl Benzene
Concen: 19.516 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

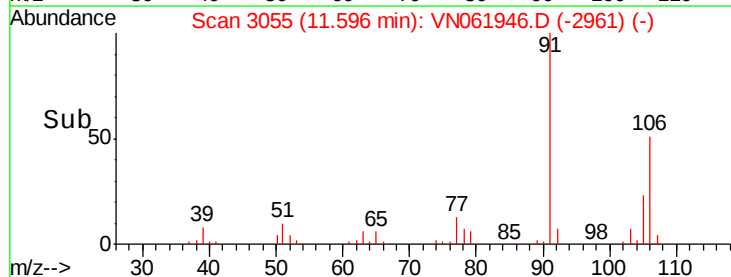
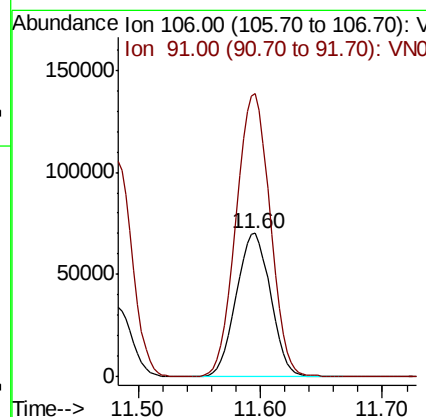
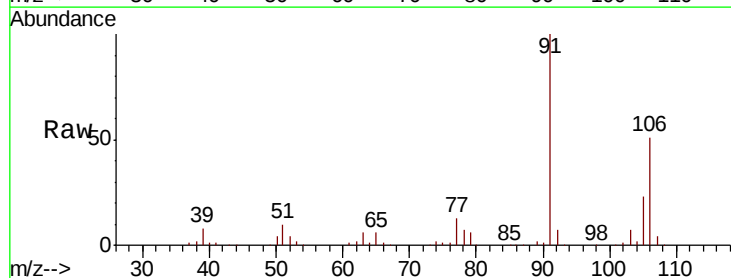
Instrument :
MSVOA_N
ClientSampled :
VN0619WBS01

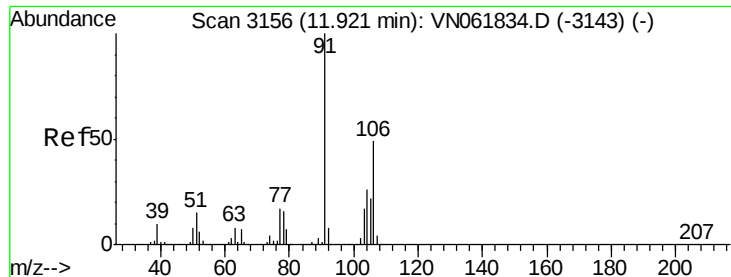
Tot Ion: 91 Resp: 175658
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2



#68
m/p-Xylenes
Concen: 39.564 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Tgt Ion: 106 Resp: 137314
Ion Ratio Lower Upper
106 100
91 194.9 157.0 235.6

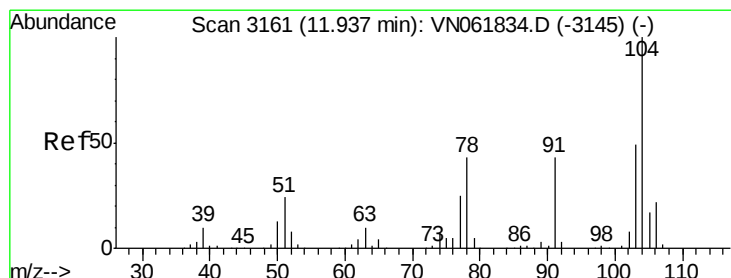
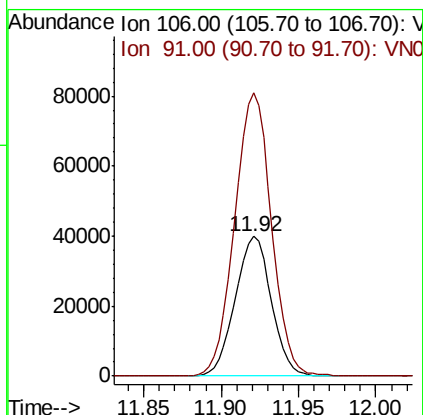
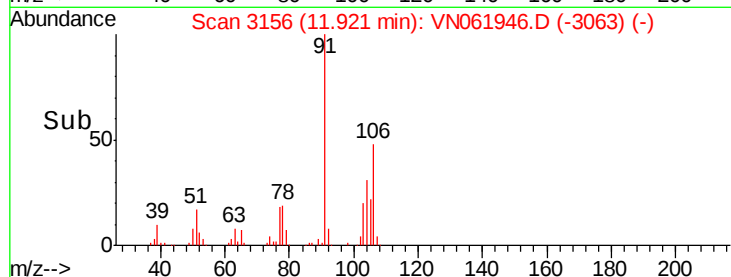
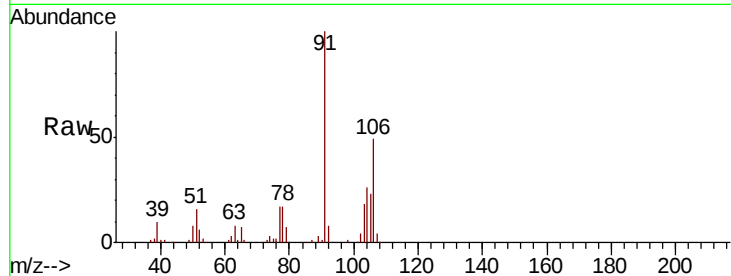




#69
o-Xylene
Concen: 19.582 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

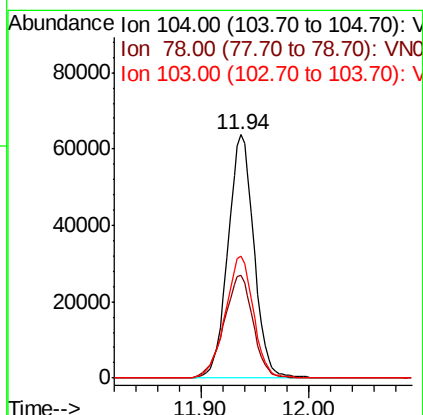
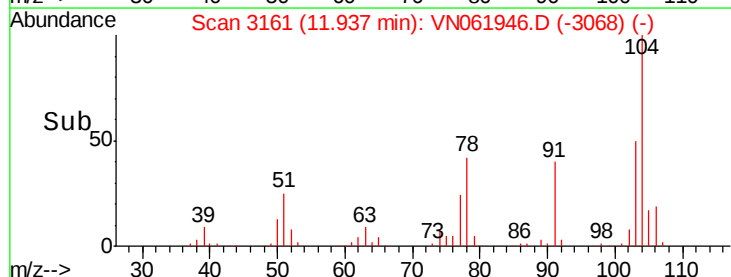
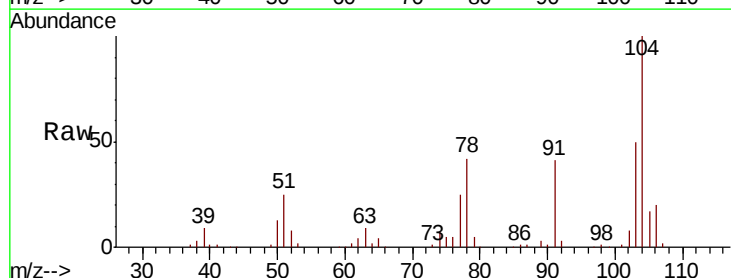
Instrument :
MSVOA_N
ClientSampled :
VN0619WBS01

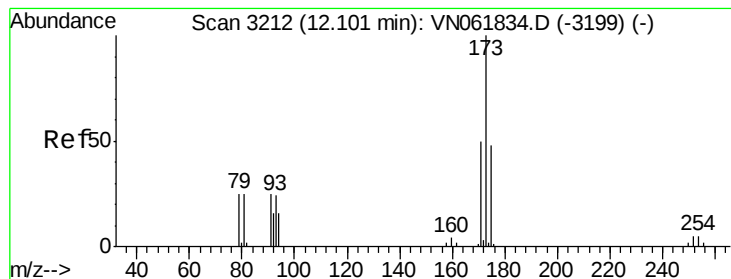
Tot Ion:106 Resp: 64849
Ion Ratio Lower Upper
106 100
91 206.3 103.0 308.9



#70
Styrene
Concen: 19.335 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Tgt Ion:104 Resp: 107211
Ion Ratio Lower Upper
104 100
78 47.3 37.6 56.4
103 54.2 43.0 64.4





#71

Bromoform

Concen: 18.371 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

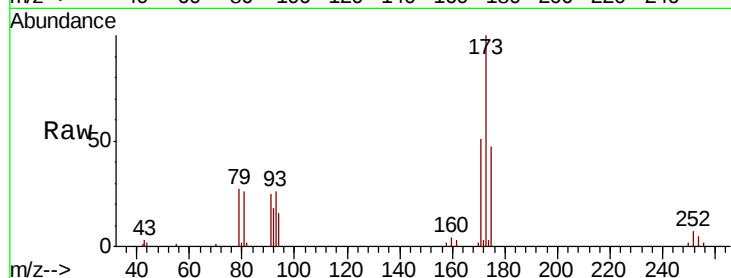
Tot Ion:173 Resp: 25080

Ion Ratio Lower Upper

173 100

175 47.2 23.9 71.7

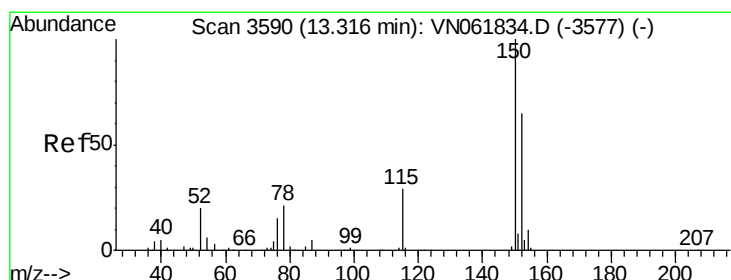
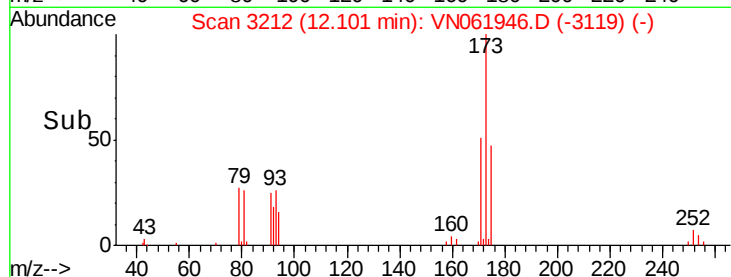
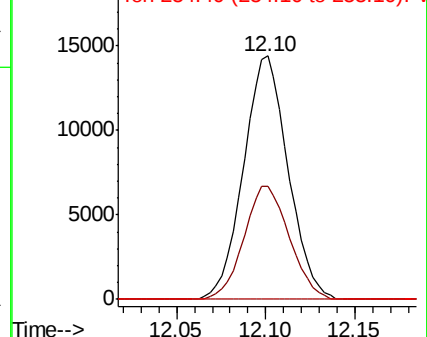
254 0.0 0.0 0.0



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: VN061946.D

Acq: 19 Jun 2020 12:46

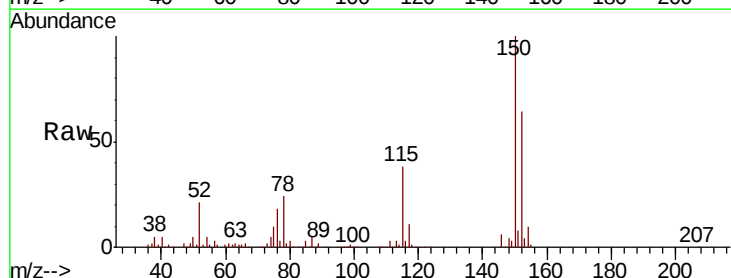
Tgt Ion:152 Resp: 117152

Ion Ratio Lower Upper

152 100

115 59.3 29.1 87.3

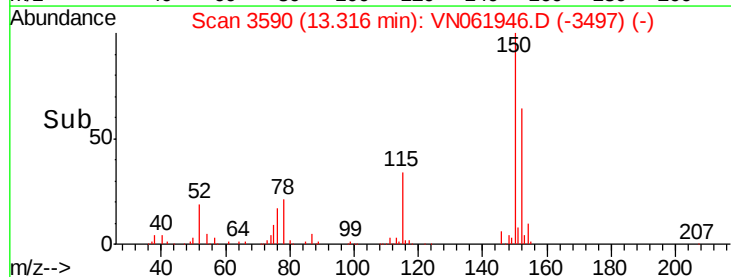
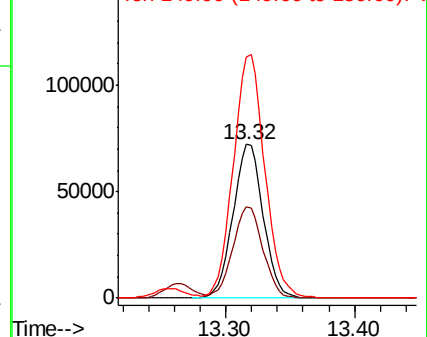
150 164.8 0.0 347.6

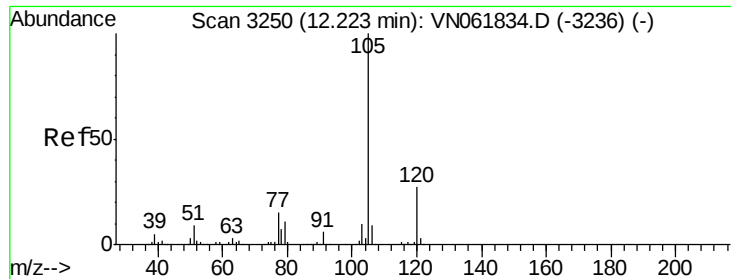


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.576 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

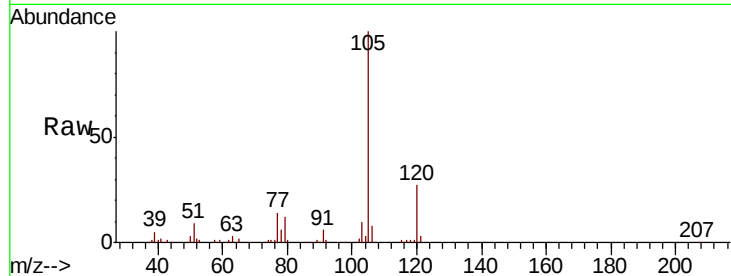
VN0619WBS01

Tot Ion:105 Resp: 171294

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

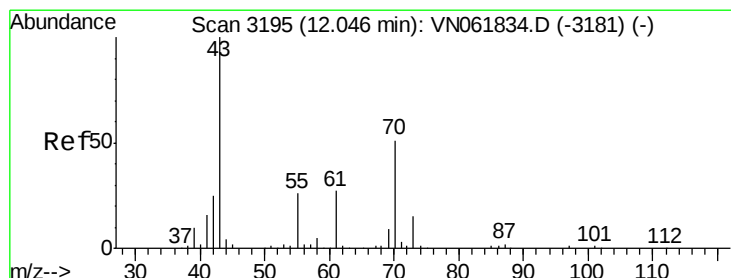
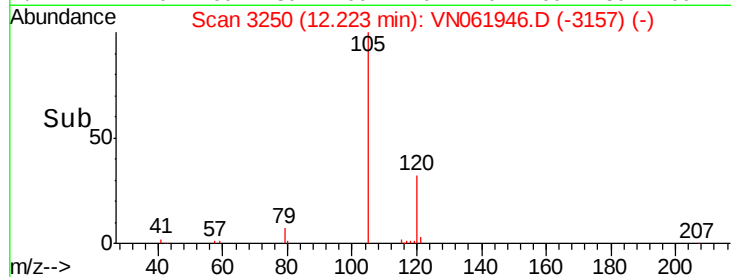
40000

20000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 18.876 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Tgt Ion: 43 Resp: 50782

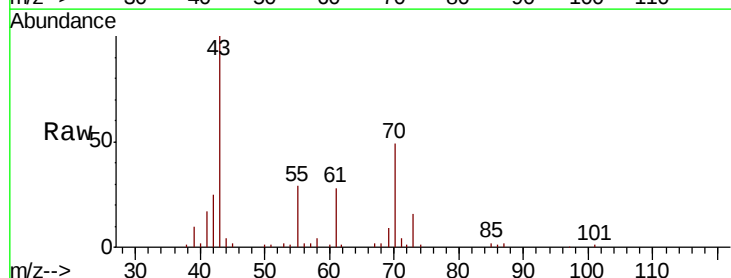
Ion Ratio Lower Upper

43 100

70 50.7 40.6 60.8

55 29.7 21.5 32.3

61 27.8 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

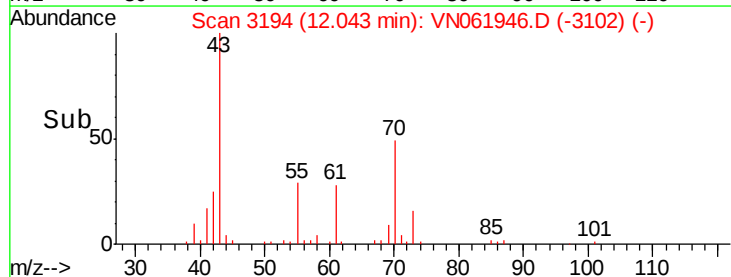
20000

10000

0

12.00 12.05 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.827 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

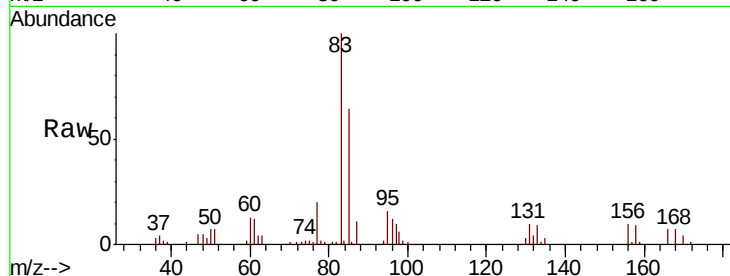
Tot Ion: 83 Resp: 53664

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

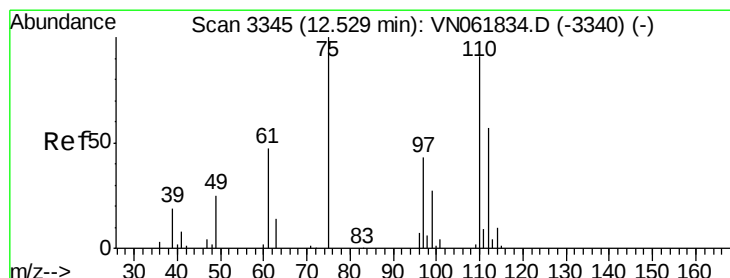
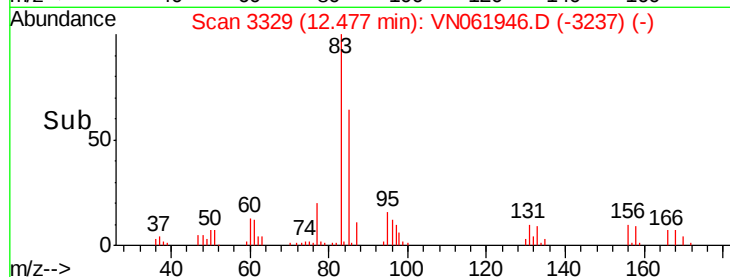
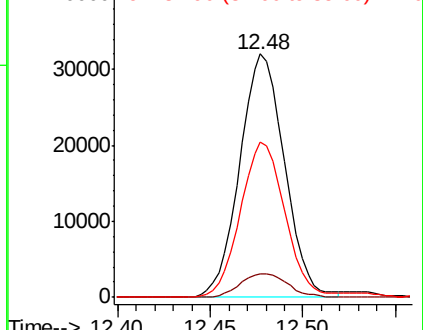
85 63.6 32.4 97.2



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: 28.812 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061946.D

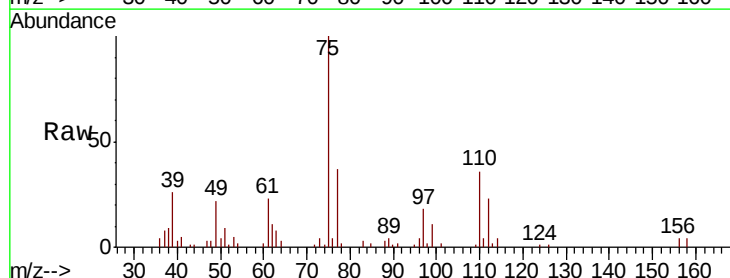
Acq: 19 Jun 2020 12:46

Tgt Ion: 75 Resp: 66268

Ion Ratio Lower Upper

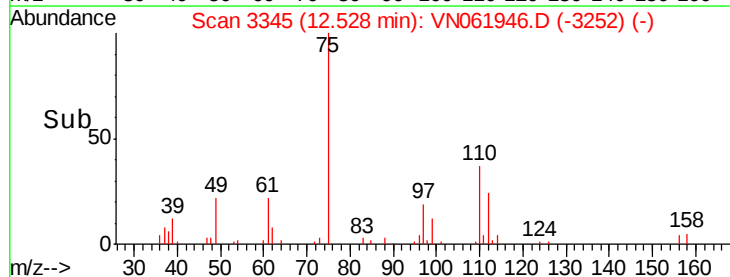
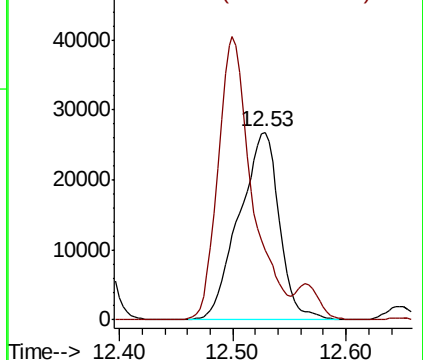
75 100

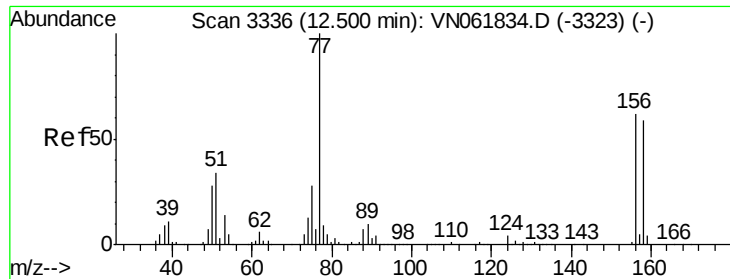
77 0.0 0.0 0.0



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: 20.100 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampled :

VN0619WBS01

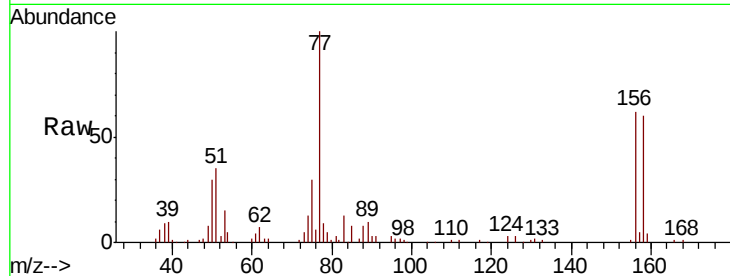
Tot Ion:156 Resp: 42215

Ion Ratio Lower Upper

156 100

77 200.1 100.7 302.1

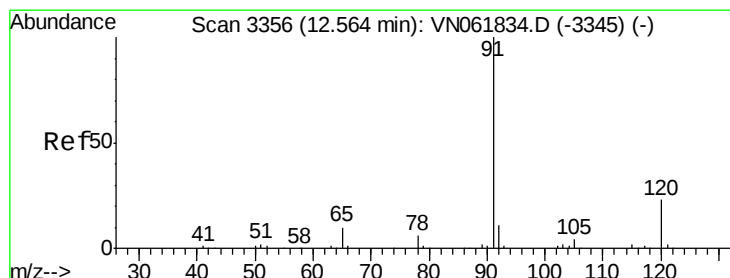
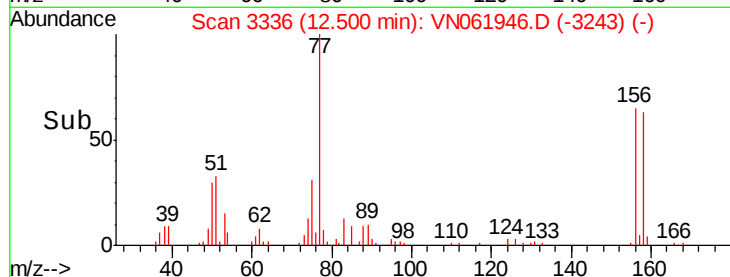
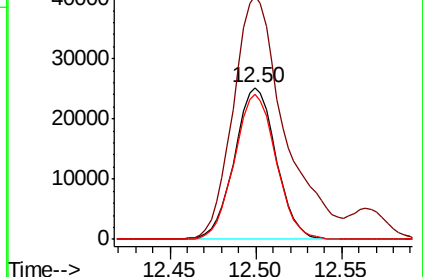
158 95.8 48.5 145.5



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: 20.613 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061946.D

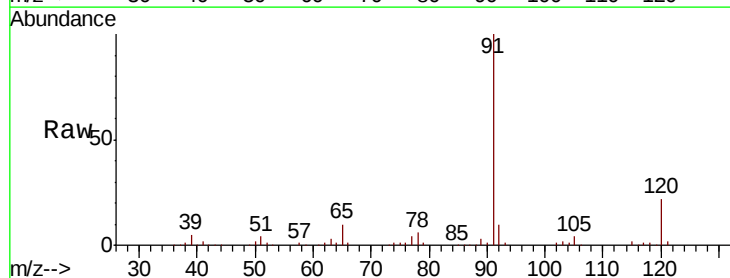
Acq: 19 Jun 2020 12:46

Tgt Ion: 91 Resp: 195803

Ion Ratio Lower Upper

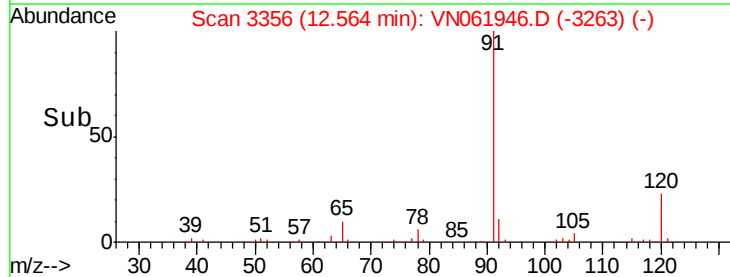
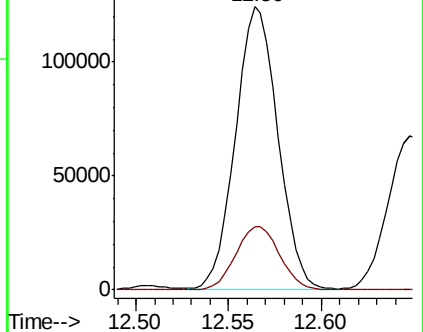
91 100

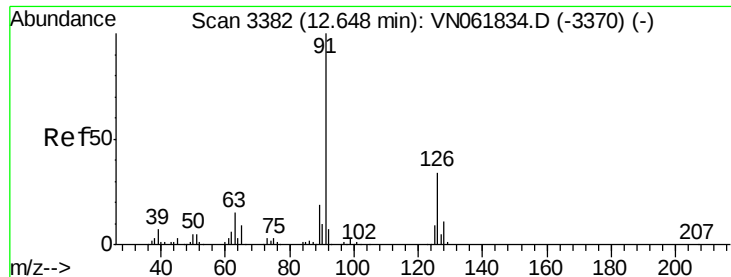
120 23.1 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

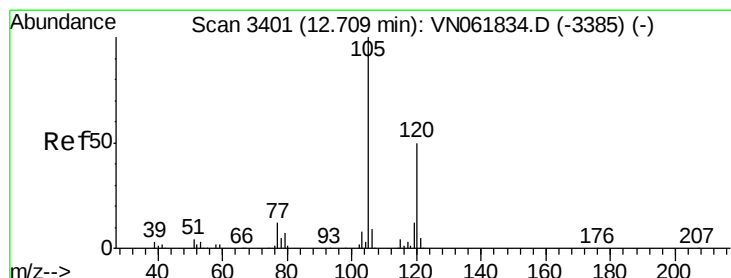
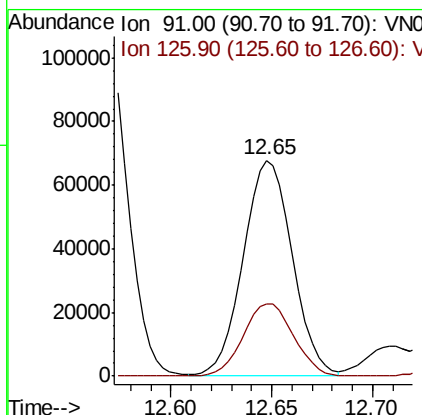
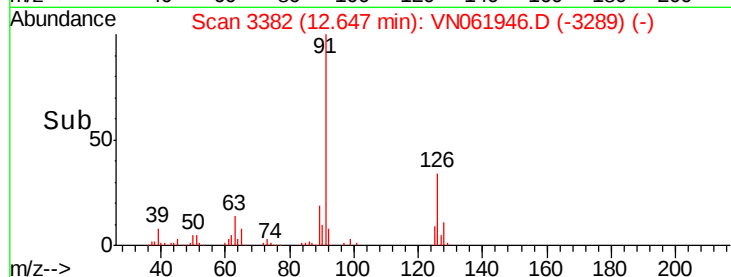
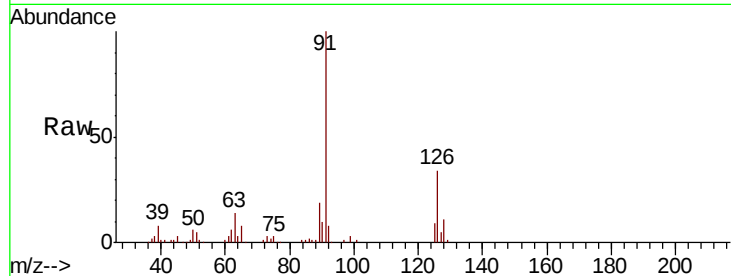




#79
 2-Chlorotoluene
 Concen: 20.098 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

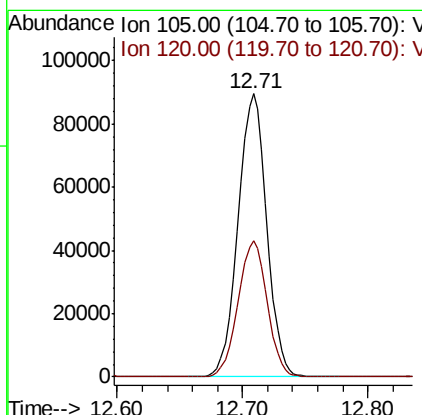
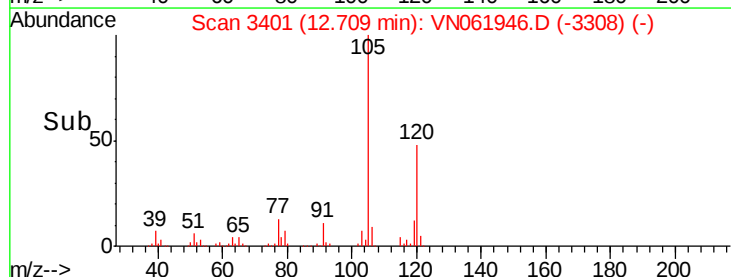
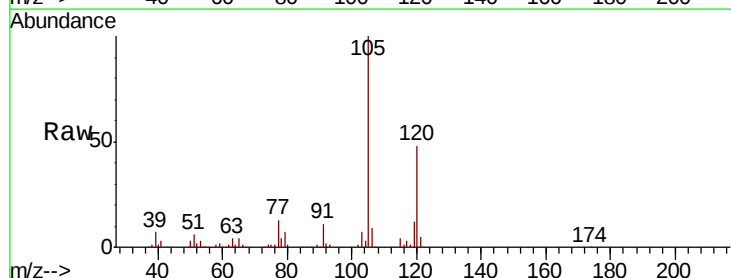
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01

Tot Ion: 91 Resp: 114660
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.632 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

Tgt Ion: 105 Resp: 142103
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 20.281 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

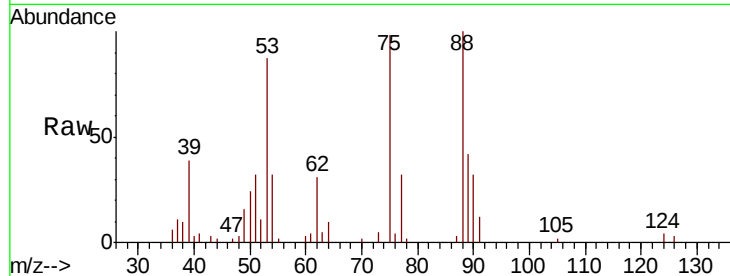
Tot Ion: 75 Resp: 17103

Ion Ratio Lower Upper

75 100

53 87.2 70.4 105.6

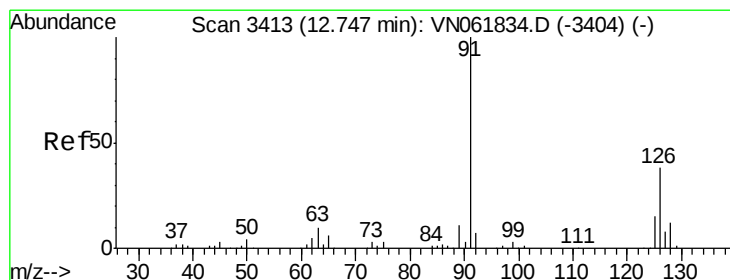
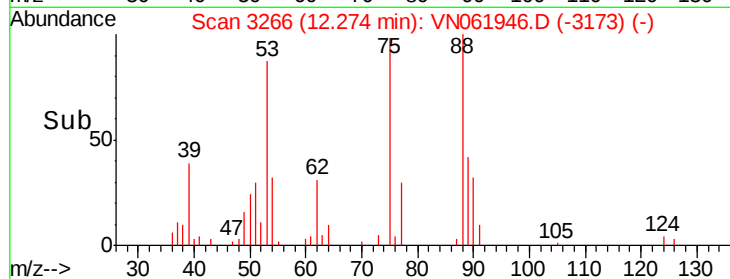
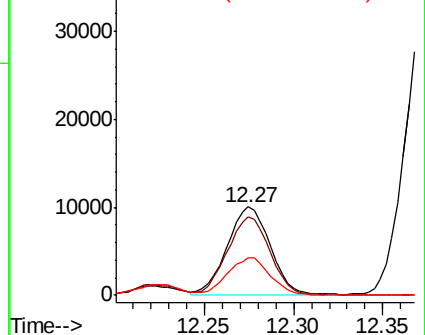
89 42.3 36.0 54.0



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: 20.095 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061946.D

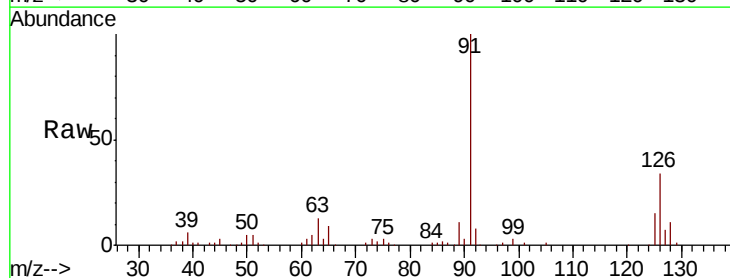
Acq: 19 Jun 2020 12:46

Tgt Ion: 91 Resp: 118461

Ion Ratio Lower Upper

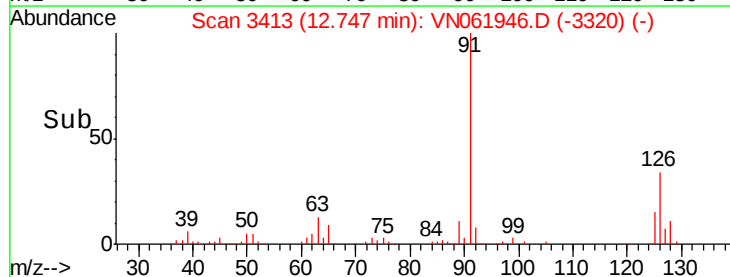
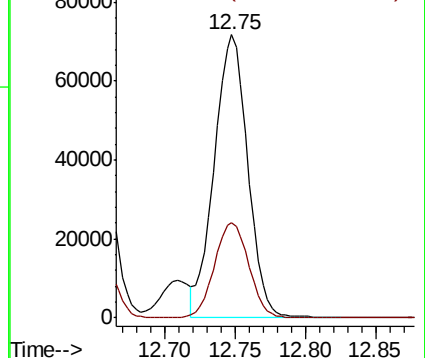
91 100

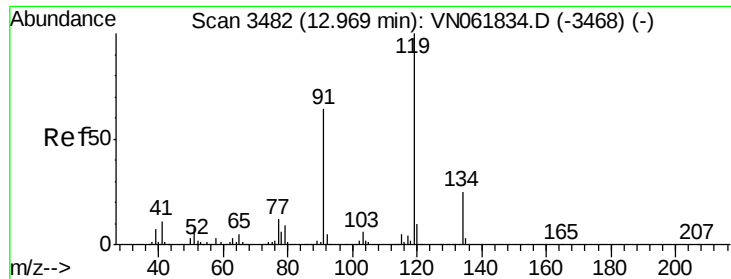
126 34.3 17.2 51.6



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

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

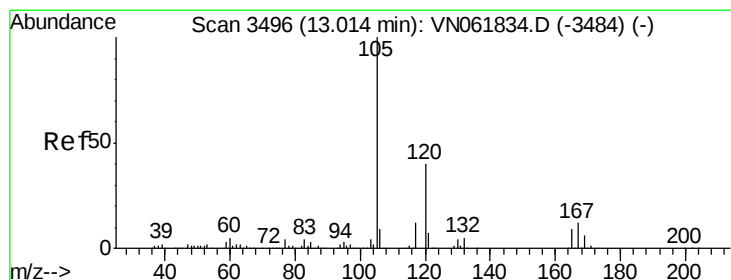
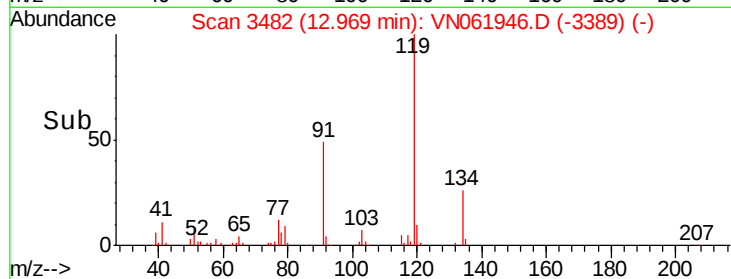
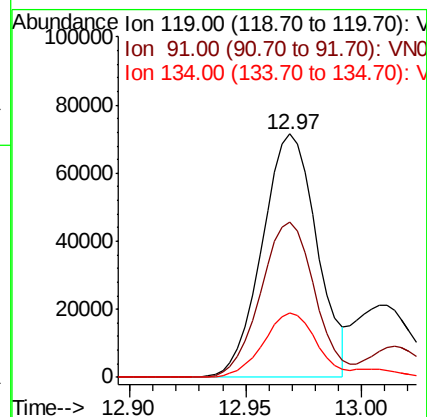
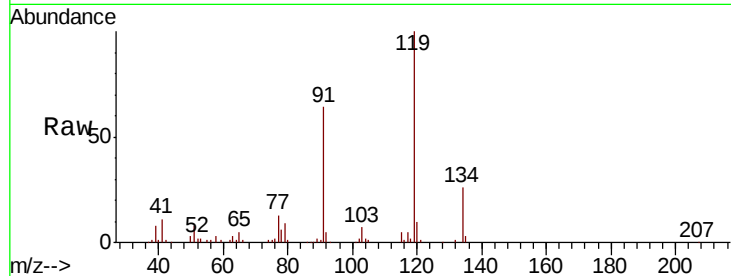




#83
tert-Butylbenzene
Concen: 20.126 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

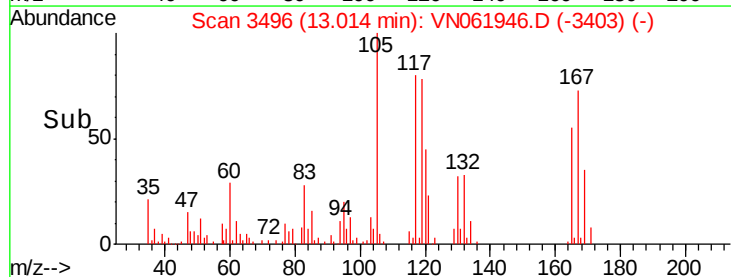
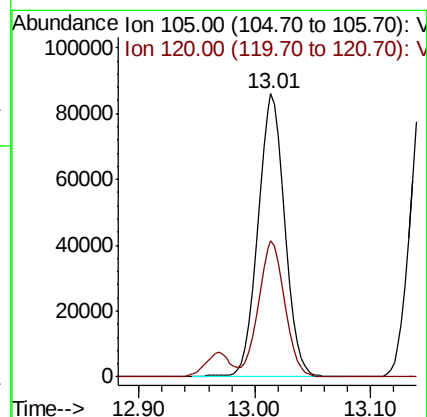
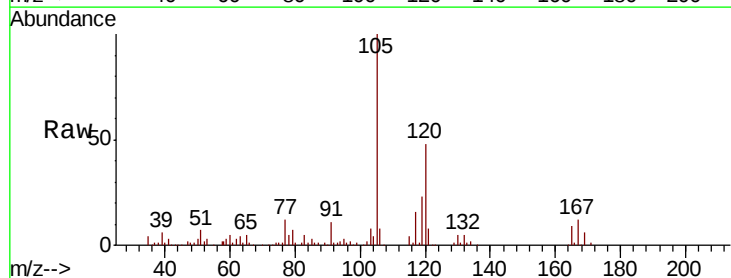
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

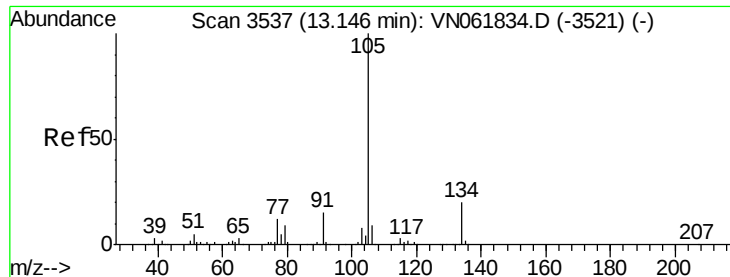
Tot Ion:119 Resp: 117516
Ion Ratio Lower Upper
119 100
91 62.9 31.5 94.5
134 26.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.499 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Tgt Ion:105 Resp: 139366
Ion Ratio Lower Upper
105 100
120 47.3 23.3 69.9





#85

sec-Butylbenzene

Concen: 20.521 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

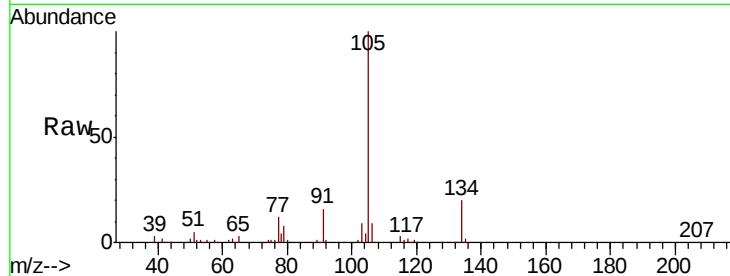
VN0619WBS01

Tot Ion:105 Resp: 156831

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

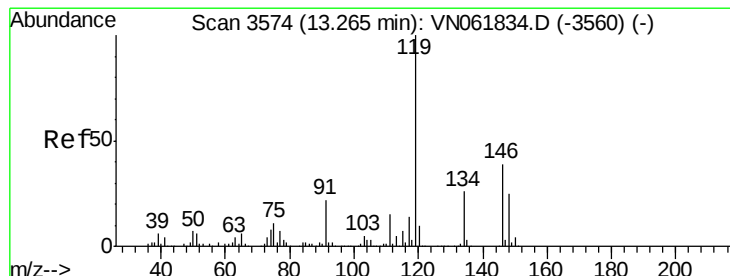
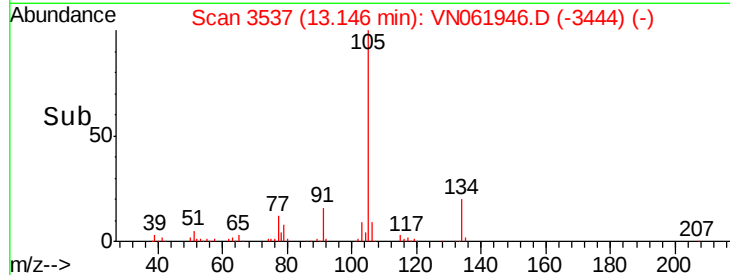
40000

20000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 20.899 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061946.D

Acq: 19 Jun 2020 12:46

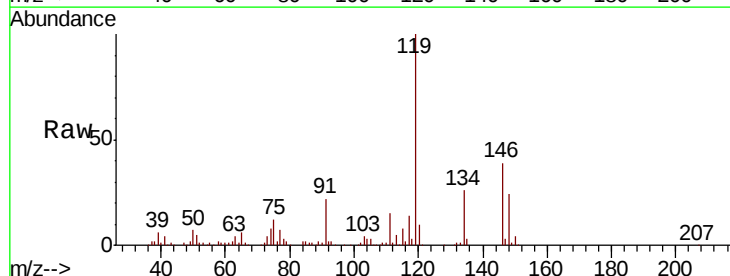
Tgt Ion:119 Resp: 142325

Ion Ratio Lower Upper

119 100

134 25.8 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

120000

100000

80000

60000

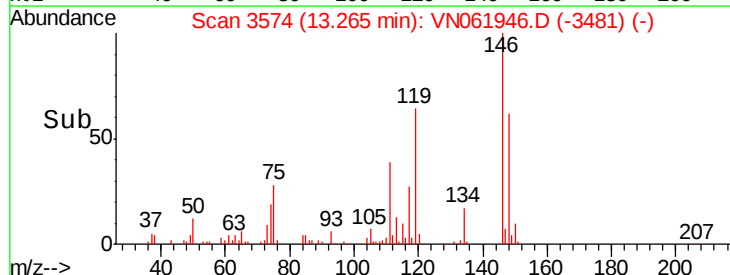
40000

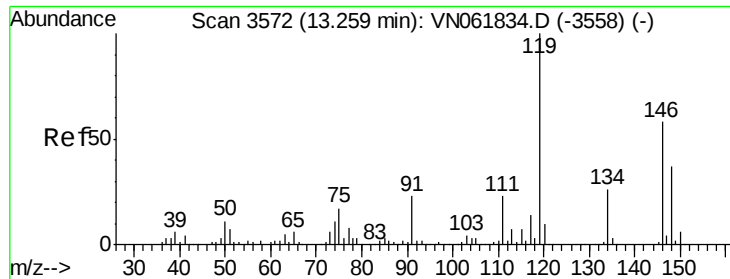
20000

0

13.20 13.30

Time-->

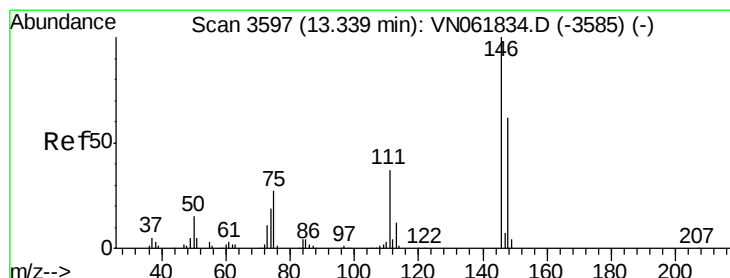
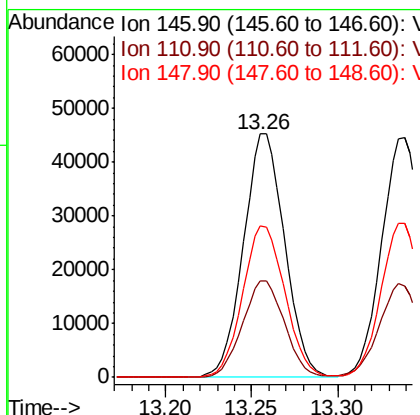
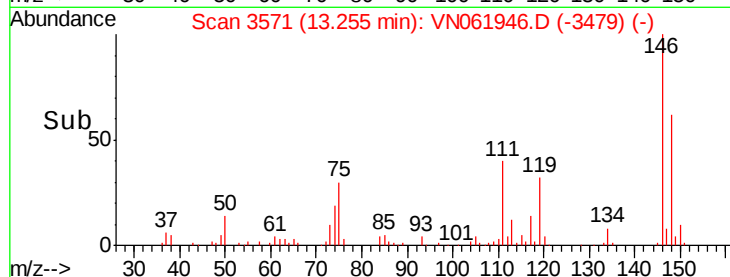
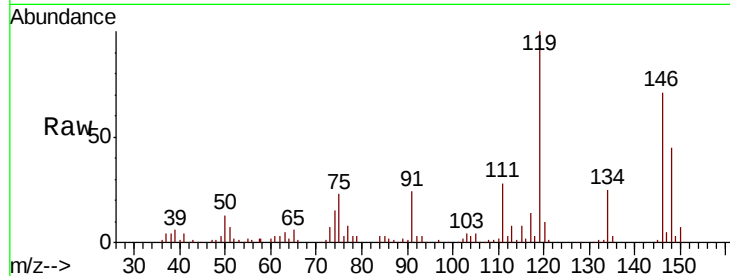




#87
 1,3-Dichlorobenzene
 Concen: 19.645 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

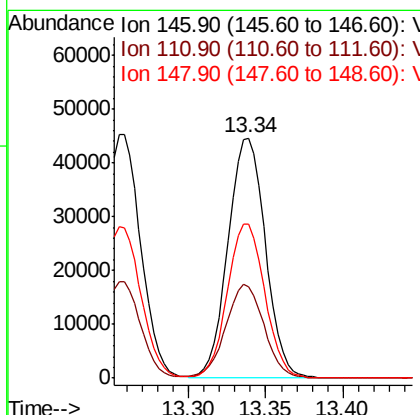
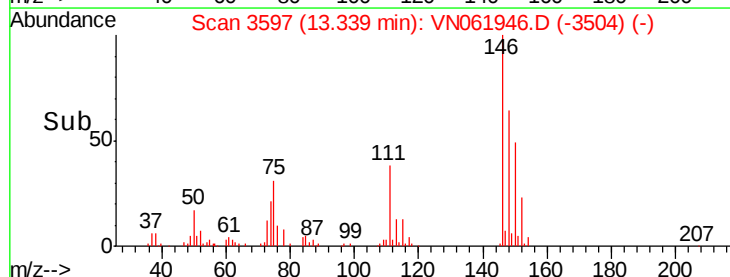
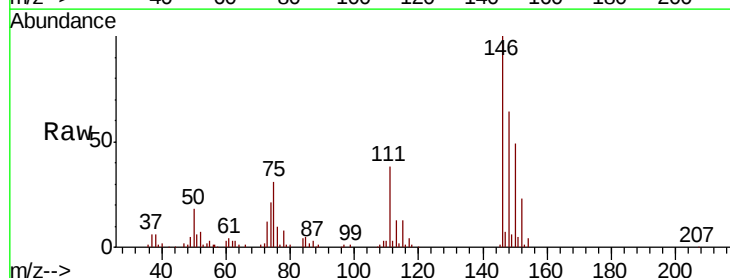
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01

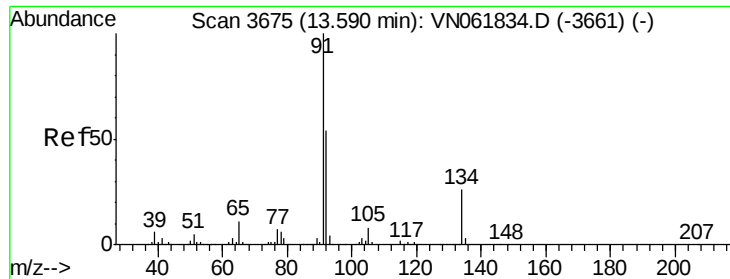
Tot Ion:146 Resp: 75251
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.6 58.8
 148 63.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.124 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

Tgt Ion:146 Resp: 74986
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.3 57.8
 148 64.3 31.6 94.7

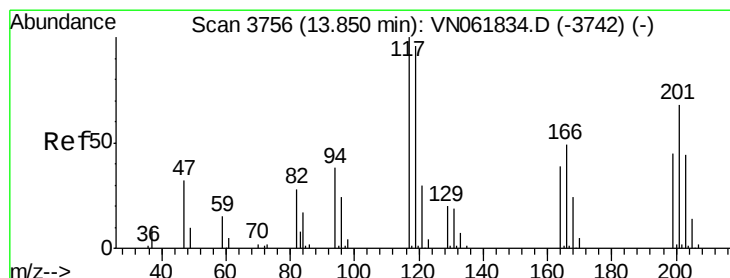
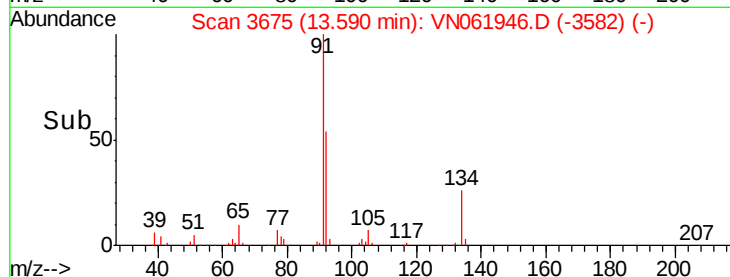
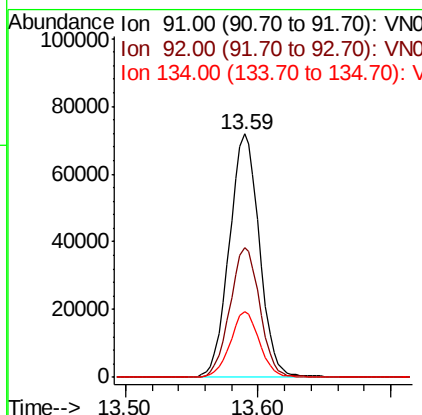
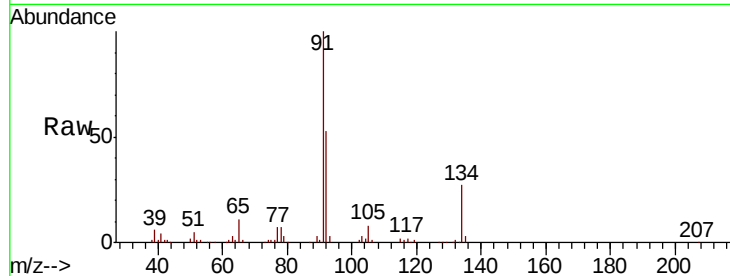




#89
n-Butylbenzene
Concen: 19.909 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

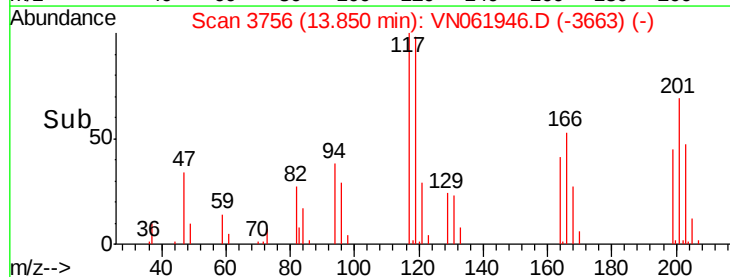
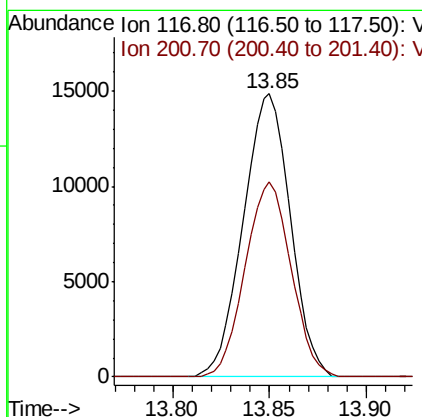
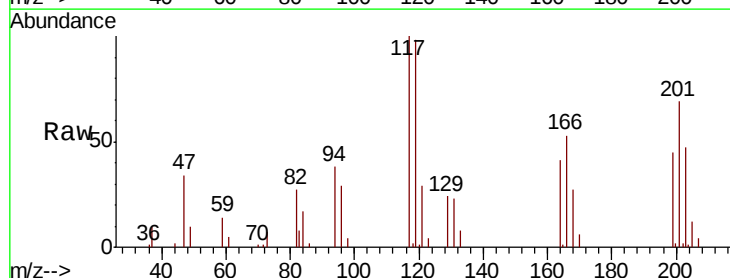
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

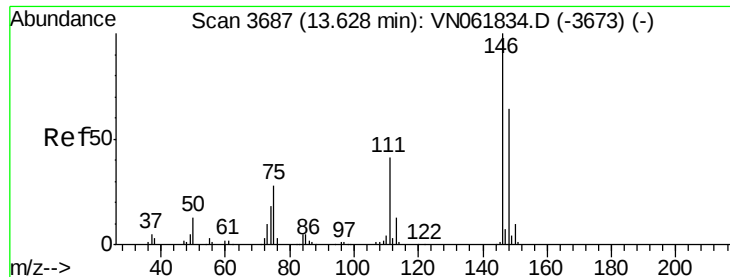
Tot Ion: 91 Resp: 113231
Ion Ratio Lower Upper
91 100
92 52.8 27.0 80.8
134 26.1 13.0 39.0



#90
Hexachloroethane
Concen: 20.229 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Tgt Ion: 117 Resp: 25218
Ion Ratio Lower Upper
117 100
201 67.1 34.6 103.8

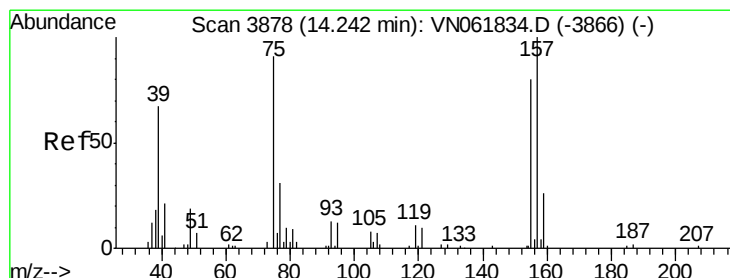
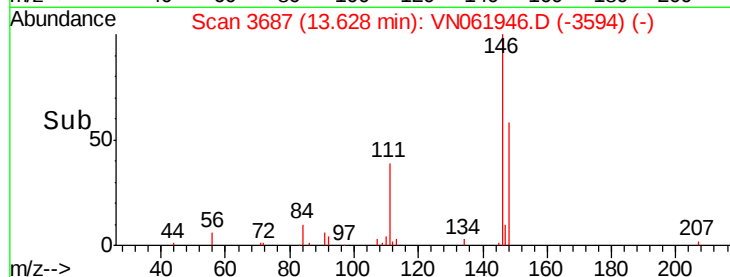
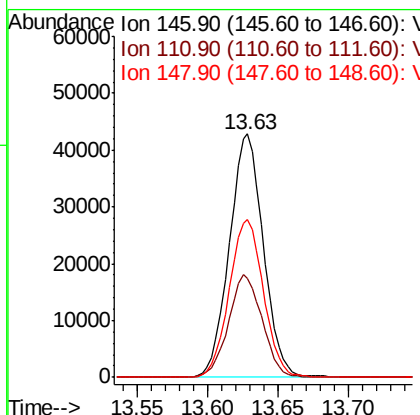
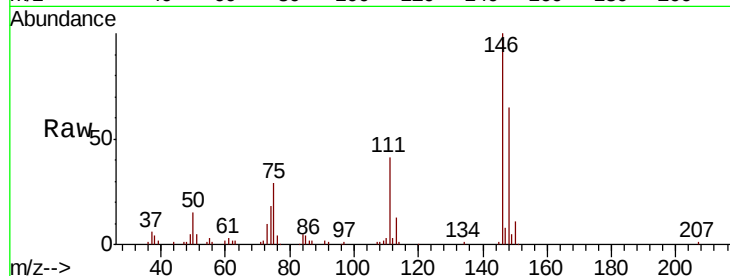




#91
 1,2-Dichlorobenzene
 Concen: 19.556 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

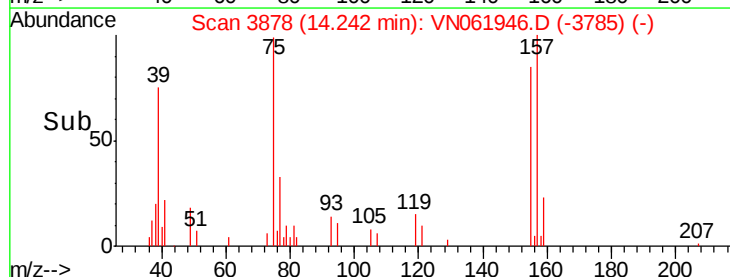
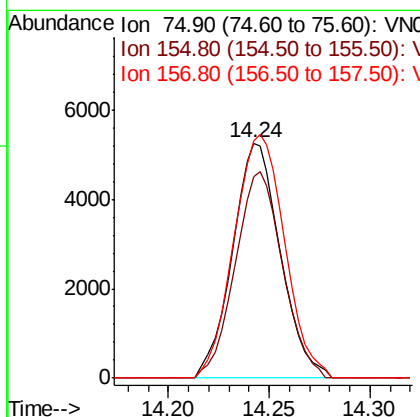
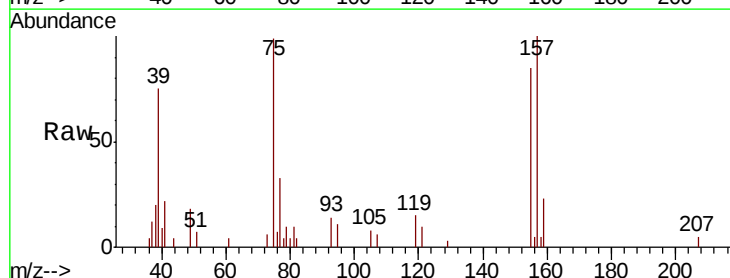
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01

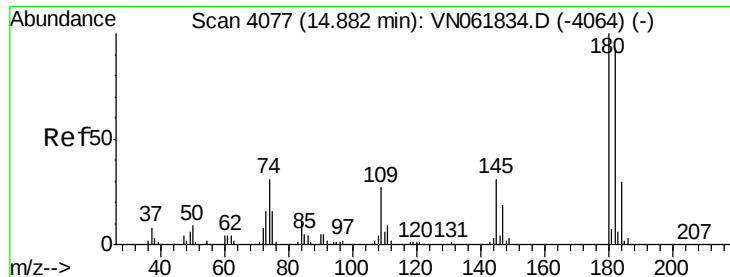
Tot Ion:146 Resp: 72116
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.4 61.2
 148 65.4 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.822 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

Tgt Ion: 75 Resp: 8710
 Ion Ratio Lower Upper
 75 100
 155 87.2 44.4 133.2
 157 109.9 57.0 171.2

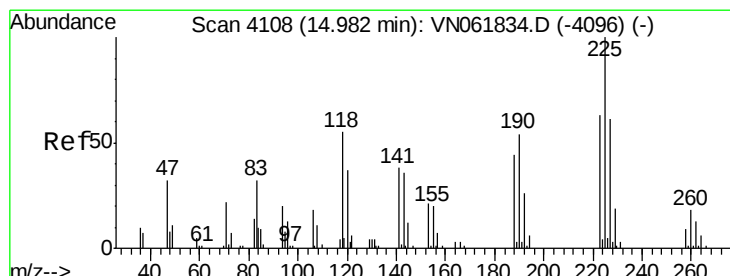
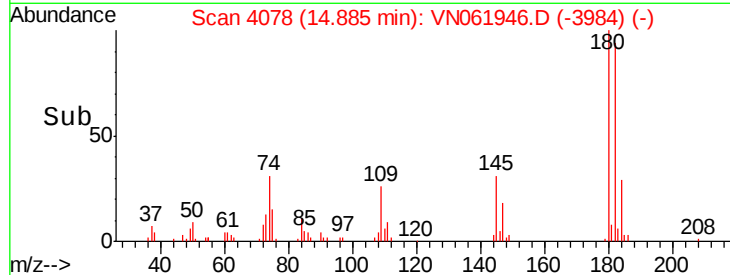
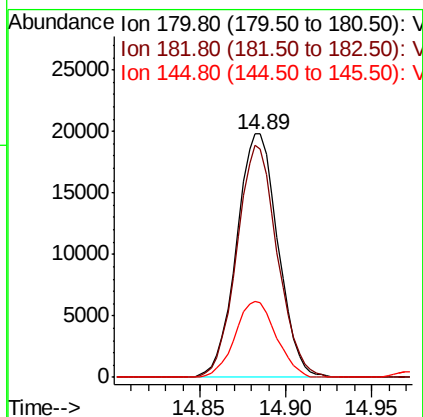
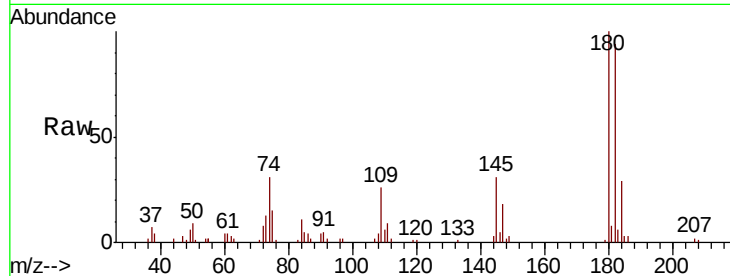




#93
 1,2,4-Trichlorobenzene
 Concen: 19.034 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

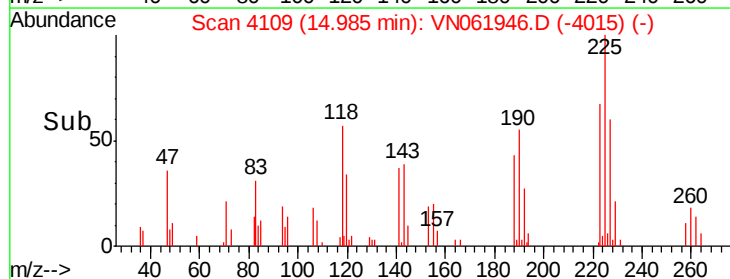
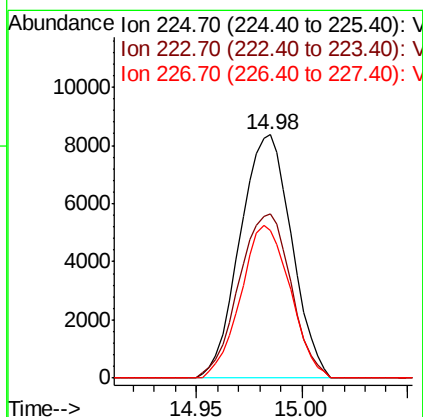
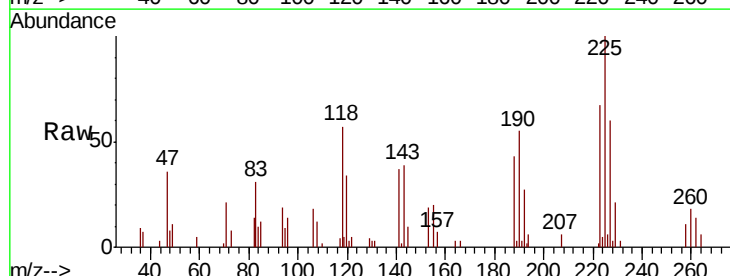
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01

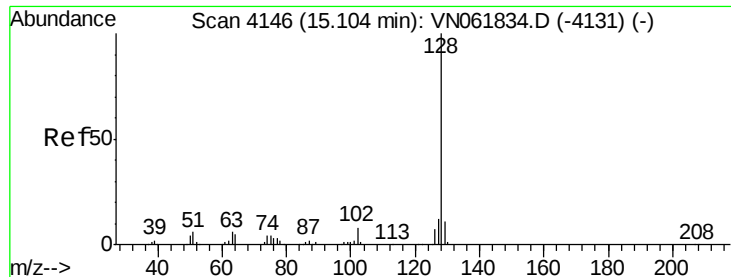
Tot Ion:180 Resp: 33122
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.0 141.2
 145 31.1 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 20.732 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061946.D
 Acq: 19 Jun 2020 12:46

Tgt Ion:225 Resp: 14209
 Ion Ratio Lower Upper
 225 100
 223 68.3 31.7 95.1
 227 60.3 30.1 90.3

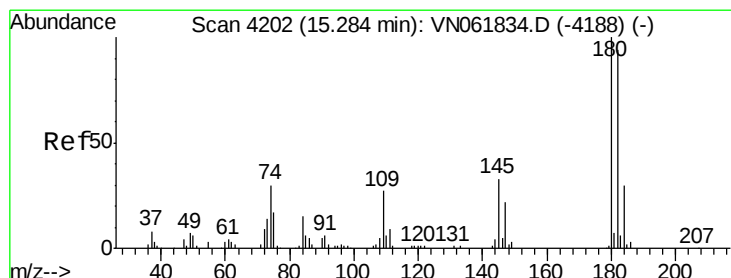
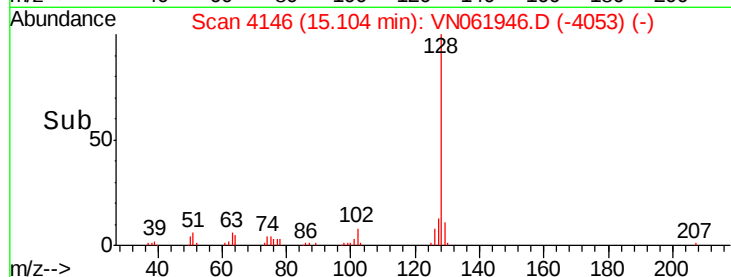
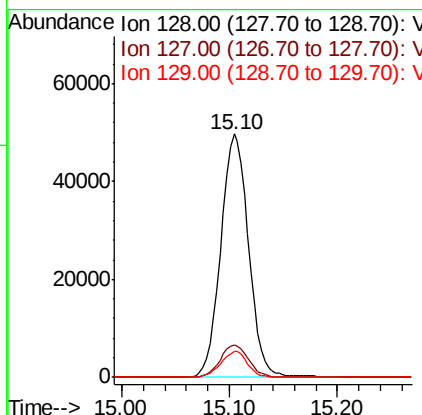
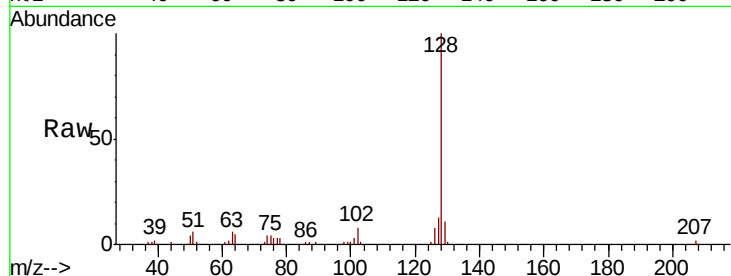




#95
Naphthalene
Concen: 17.692 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tot Ion:128 Resp: 89000
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.786 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061946.D
Acq: 19 Jun 2020 12:46

Tgt Ion:180 Resp: 32376
Ion Ratio Lower Upper
180 100
182 97.6 47.9 143.6
145 33.7 16.5 49.5

