

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061867.D
 Acq On : 17 Jun 2020 23:28
 Operator : JC/MD
 Sample : VN0617WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Quant Time: Jun 18 03:59:08 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	7.63	168	151221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	269103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	245021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	111236	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	98611	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
35) Dibromofluoromethane	7.55	113	85576	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
50) Toluene-d8	10.06	98	326150	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.38	95	106443	45.85	ug/l	0.00
Spiked Amount			Recovery	=	91.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	38020	19.502	ug/l	96
3) Chloromethane	2.03	50	40689	19.385	ug/l	98
4) Vinyl Chloride	2.16	62	51861	20.725	ug/l	98
5) Bromomethane	2.53	94	37049	19.280	ug/l	96
6) Chloroethane	2.67	64	34604	20.433	ug/l	100
7) Trichlorofluoromethane	2.98	101	59609	19.943	ug/l	98
8) Diethyl Ether	3.37	74	19357	19.264	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29894	19.495	ug/l	99
10) Methyl Iodide	3.91	142	32943	21.226	ug/l	100
11) Tert butyl alcohol	4.73	59	24807	88.392	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	30101	19.591	ug/l	94
13) Acrolein	3.56	56	11910	71.005	ug/l	100
14) Allyl chloride	4.27	41	36612	17.954	ug/l	95
15) Acrylonitrile	4.93	53	66518	95.655	ug/l	99
16) Acetone	3.77	43	53249	88.887	ug/l	99
17) Carbon Disulfide	4.01	76	83849	18.651	ug/l	98
18) Methyl Acetate	4.28	43	32047	18.581	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	94608	18.493	ug/l	98
20) Methylene Chloride	4.50	84	35390	18.133	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	33222	18.825	ug/l	97
22) Diisopropyl ether	5.90	45	87376	18.735	ug/l	97
23) Vinyl Acetate	5.84	43	331455	90.361	ug/l	100
24) 1,1-Dichloroethane	5.80	63	56934	18.648	ug/l	98
25) 2-Butanone	6.79	43	80086	91.628	ug/l	100
26) 2,2-Dichloropropane	6.78	77	42760	16.647	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	37826	18.576	ug/l	98
28) Bromochloromethane	7.15	49	25864	19.027	ug/l	97
29) Tetrahydrofuran	7.17	42	53851	93.620	ug/l	99
30) Chloroform	7.33	83	61665	18.899	ug/l	96
31) Cyclohexane	7.62	56	48271	18.061	ug/l #	91
32) 1,1,1-Trichloroethane	7.53	97	52824	19.010	ug/l	99
36) 1,1-Dichloropropene	7.75	75	44696	18.210	ug/l	99
37) Ethyl Acetate	6.88	43	34596	18.049	ug/l	99
38) Carbon Tetrachloride	7.73	117	45425	18.688	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	47424	17.943	ug/l	96
40) Benzene	8.00	78	135596	18.237	ug/l	98
41) Methacrylonitrile	7.17	41	48761	59.492	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	47375	18.687	ug/l	99
43) Isopropyl Acetate	8.13	43	57990	17.953	ug/l #	90
44) Trichloroethene	8.80	130	36319	18.561	ug/l	99
45) 1,2-Dichloropropane	9.08	63	34121	18.674	ug/l	97
46) Dibromomethane	9.17	93	24432	18.988	ug/l	98
47) Bromodichloromethane	9.37	83	48884	18.554	ug/l	99
48) Methyl methacrylate	9.17	41	25581	17.414	ug/l	98
49) 1,4-Dioxane	9.17	88	12724	377.281	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	172318	90.275	ug/l	100
52) Toluene	10.12	92	87711	18.783	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	48198	17.232	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	53752	17.693	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	34753	18.916	ug/l	97
56) Ethyl methacrylate	10.40	69	44372	17.796	ug/l	98
57) 1,3-Dichloropropane	10.68	76	57795	18.568	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	80293	82.807	ug/l	98
59) 2-Hexanone	10.72	43	119277	87.428	ug/l	99
60) Dibromochloromethane	10.87	129	37322	18.205	ug/l	97
61) 1,2-Dibromoethane	10.98	107	35787	18.654	ug/l	97
64) Tetrachloroethene	10.60	164	31558	20.208	ug/l	96
65) Chlorobenzene	11.41	112	95208	18.415	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	34226	18.981	ug/l	99
67) Ethyl Benzene	11.48	91	161117	18.587	ug/l	98
68) m/p-Xylenes	11.60	106	126609	37.878	ug/l	99
69) o-Xylene	11.92	106	59499	18.656	ug/l	99
70) Styrene	11.94	104	99113	18.560	ug/l	99
71) Bromoform	12.10	173	24690	18.779	ug/l #	100
73) Isopropylbenzene	12.22	105	155402	19.660	ug/l	98
74) N-amyl acetate	12.05	43	45153	17.871	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	49042	19.083	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	57810	26.472	ug/l #	100
77) Bromobenzene	12.50	156	39511	19.813	ug/l	94
78) n-propylbenzene	12.57	91	173158	19.198	ug/l	99
79) 2-Chlorotoluene	12.65	91	105038	19.390	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	130573	19.966	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	13808	17.245	ug/l	97
82) 4-Chlorotoluene	12.75	91	109762	19.609	ug/l	99
83) tert-Butylbenzene	12.97	119	108034	19.486	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	130144	20.160	ug/l	100
85) sec-Butylbenzene	13.15	105	143305	19.748	ug/l	99
86) p-Isopropyltoluene	13.26	119	128343	19.848	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	68244	18.763	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	68797	18.479	ug/l	99
89) n-Butylbenzene	13.59	91	96707	17.908	ug/l	99
90) Hexachloroethane	13.85	117	22910	19.355	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	68932	19.686	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8074	19.352	ug/l	97

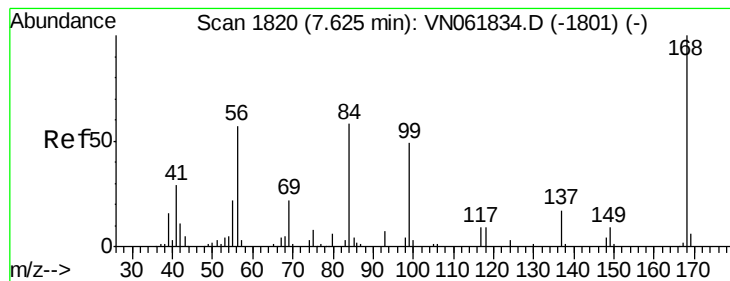
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	29391	17.788	ug/l	99
94) Hexachlorobutadiene	14.98	225	12467	19.157	ug/l	98
95) Naphthalene	15.11	128	84479	17.687	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	30476	18.624	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

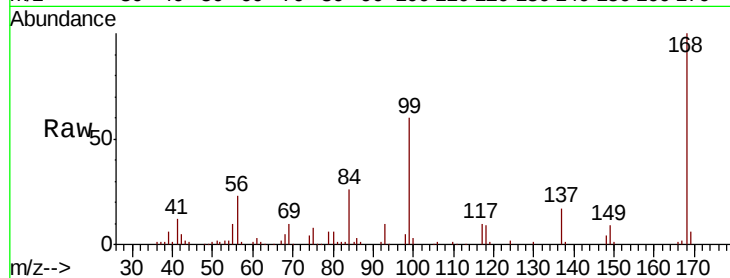
VN0617WBS02

Tot Ion:168 Resp: 151221

Ion Ratio Lower Upper

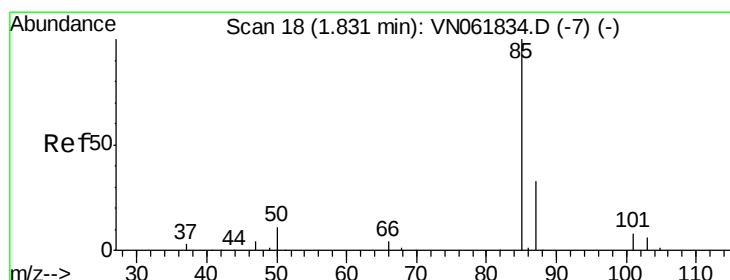
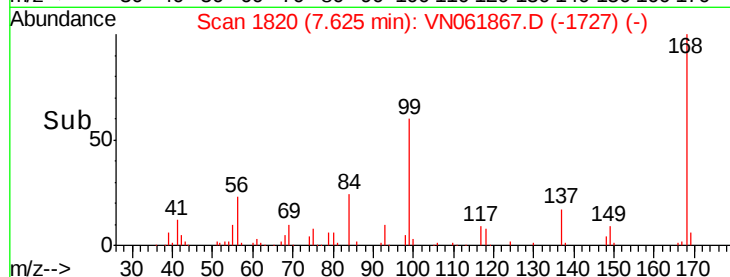
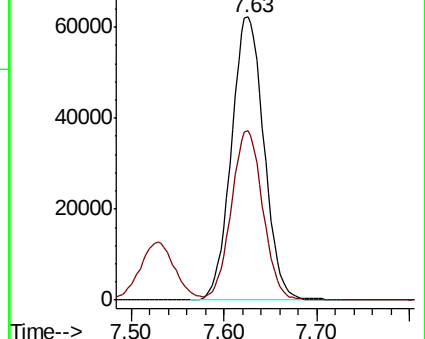
168 100

99 60.1 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 19.502 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061867.D

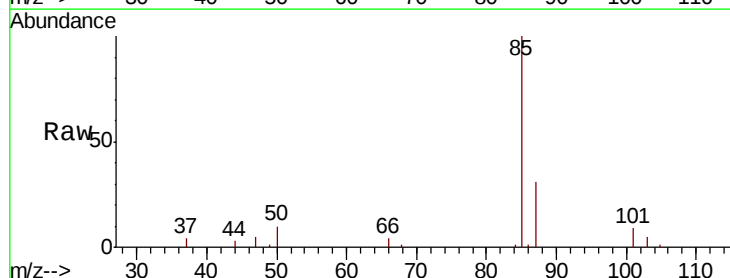
Acq: 17 Jun 2020 23:28

Tgt Ion: 85 Resp: 38020

Ion Ratio Lower Upper

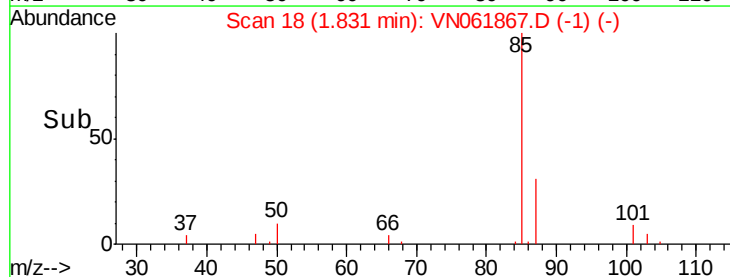
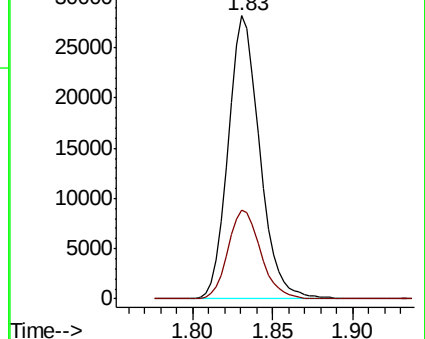
85 100

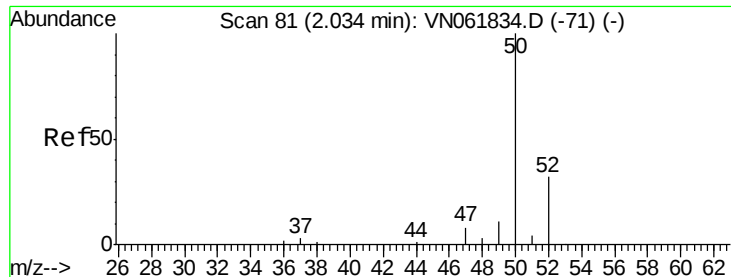
87 31.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 19.385 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

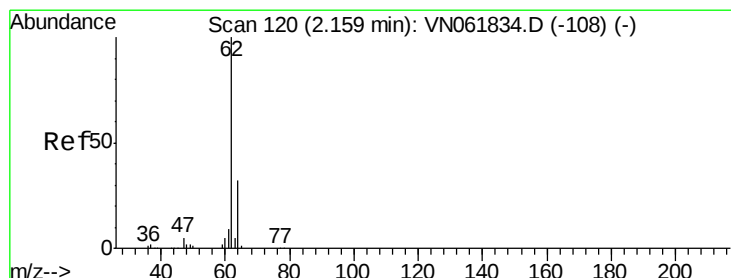
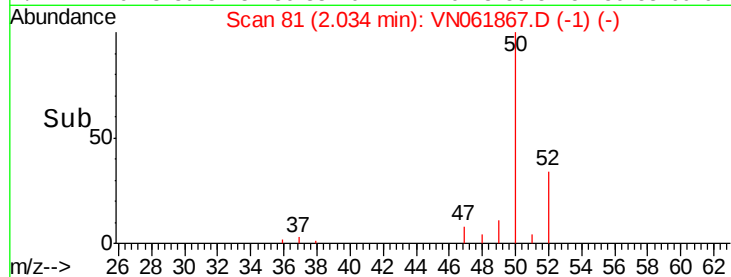
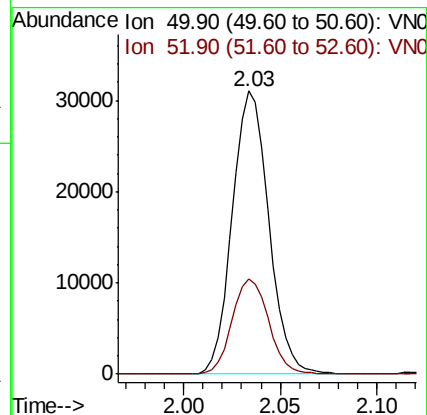
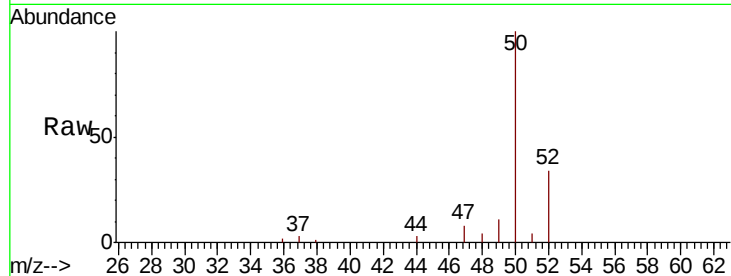
VN0617WBS02

Tot Ion: 50 Resp: 40689

Ion Ratio Lower Upper

50 100

52 33.5 26.0 39.0



#4

Vinyl Chloride

Concen: 20.725 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061867.D

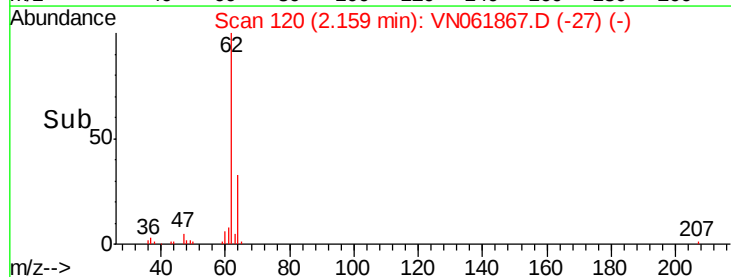
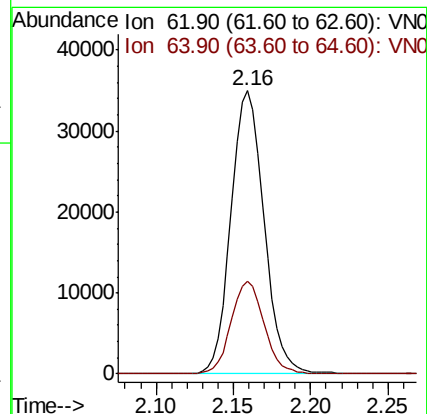
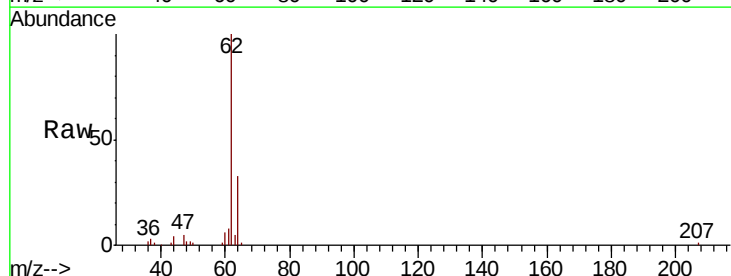
Acq: 17 Jun 2020 23:28

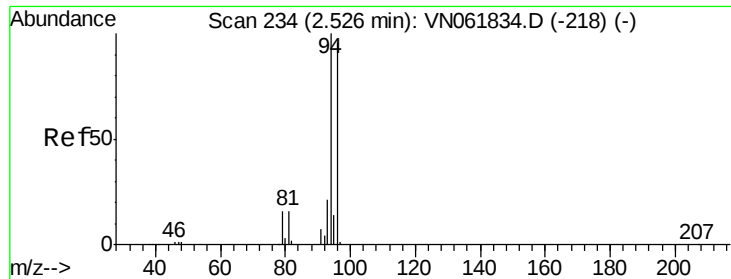
Tgt Ion: 62 Resp: 51861

Ion Ratio Lower Upper

62 100

64 33.0 25.5 38.3





#5

Bromomethane

Concen: 19.280 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

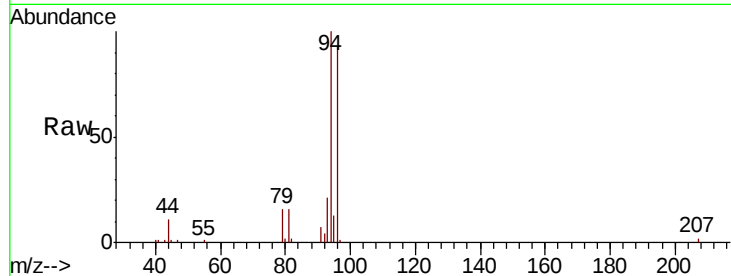
VN0617WBS02

Tot Ion: 94 Resp: 37049

Ion Ratio Lower Upper

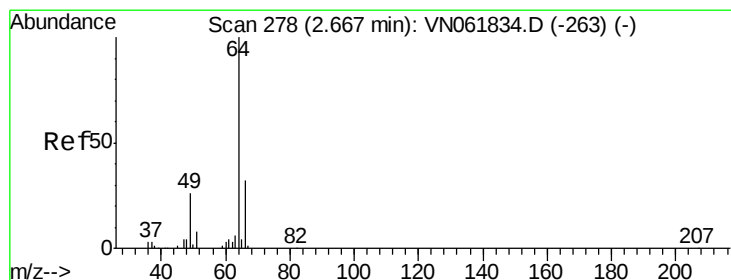
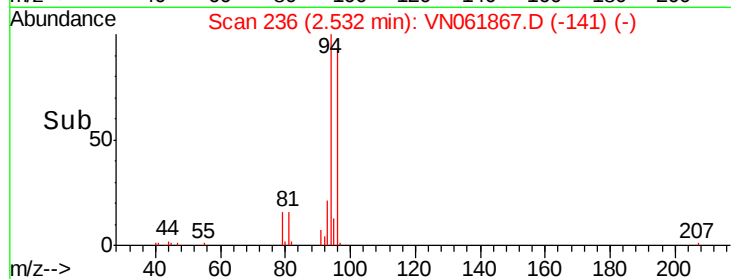
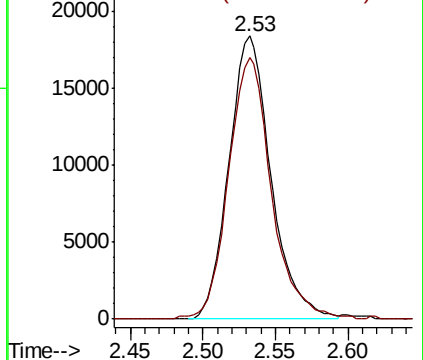
94 100

96 91.5 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.433 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061867.D

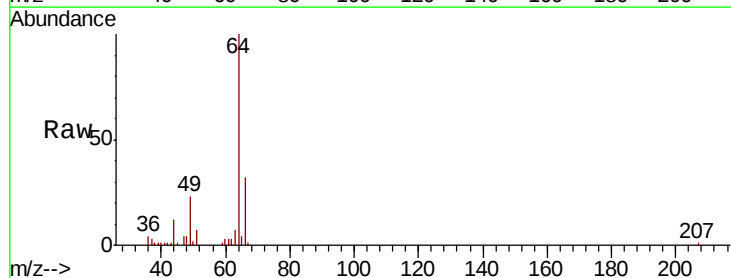
Acq: 17 Jun 2020 23:28

Tgt Ion: 64 Resp: 34604

Ion Ratio Lower Upper

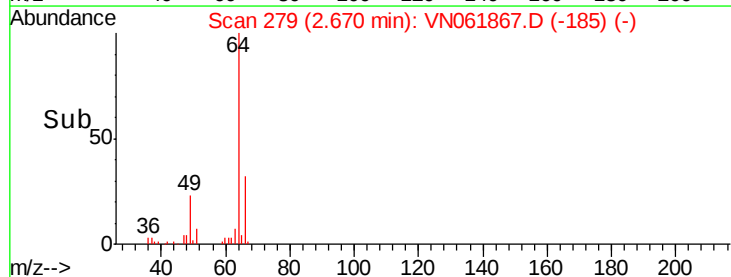
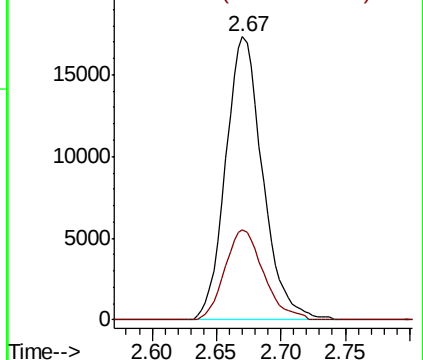
64 100

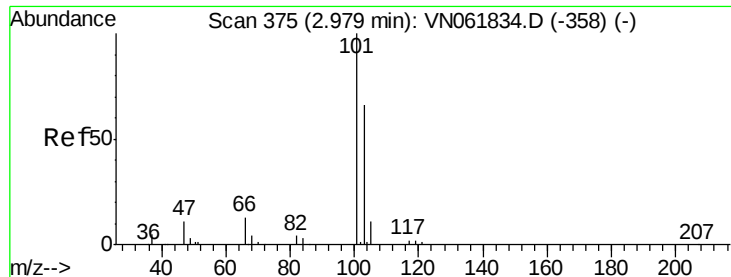
66 32.0 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



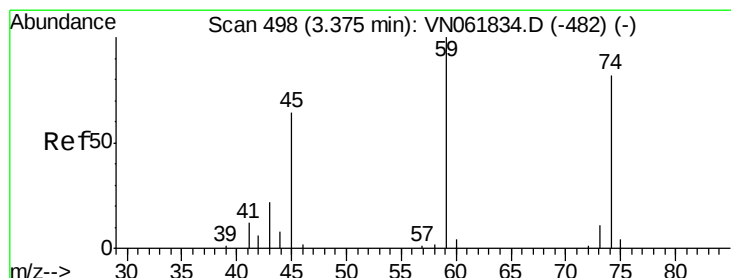
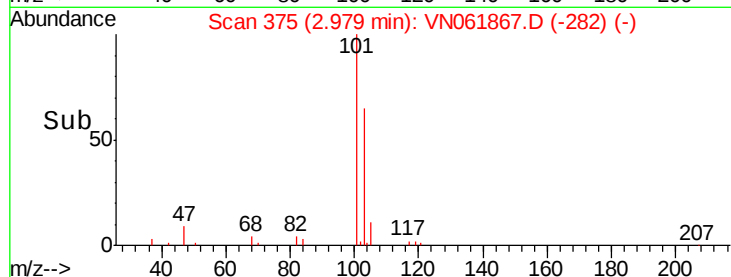
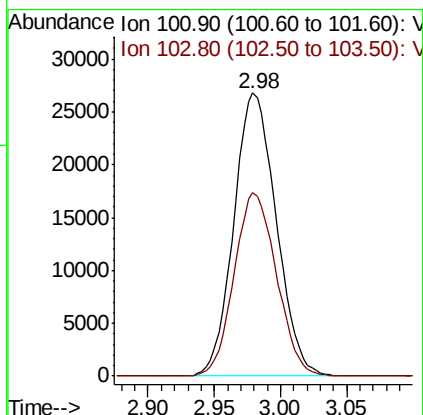
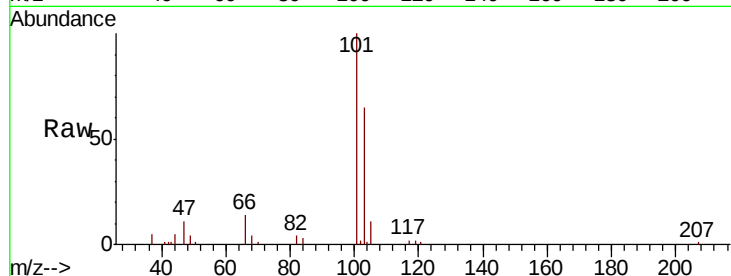


#7

Trichlorofluoromethane
 Concen: 19.943 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Instrument :
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 VN0617WBS02

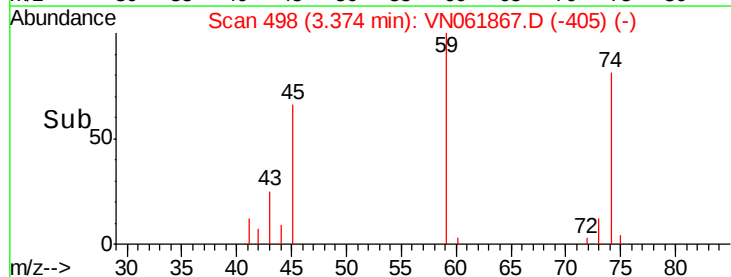
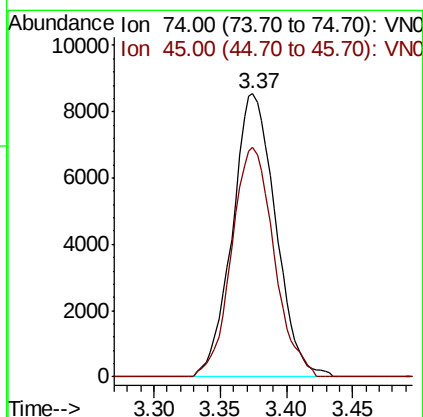
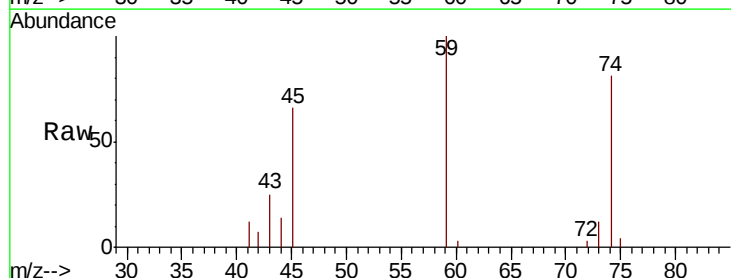
Tot Ion:101 Resp: 59609
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.8 79.2

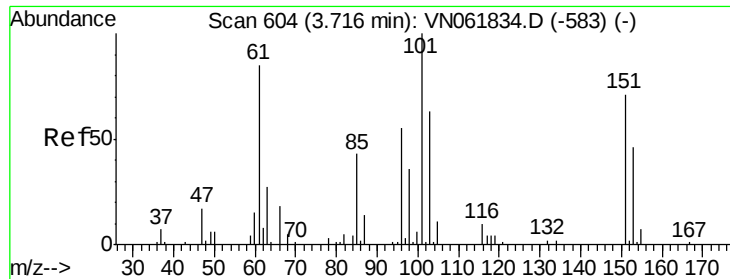


#8

Diethyl Ether
 Concen: 19.264 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion: 74 Resp: 19357
 Ion Ratio Lower Upper
 74 100
 45 79.6 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.495 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS02

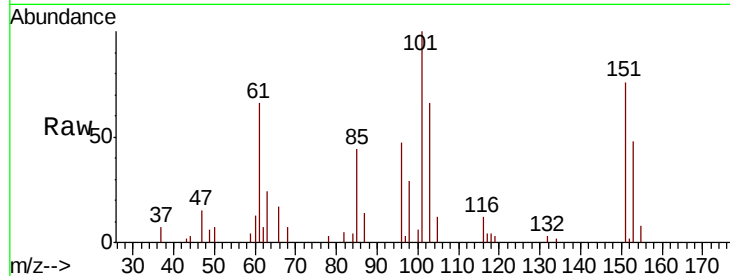
Tot Ion:101 Resp: 29894

Ion Ratio Lower Upper

101 100

85 43.2 35.0 52.6

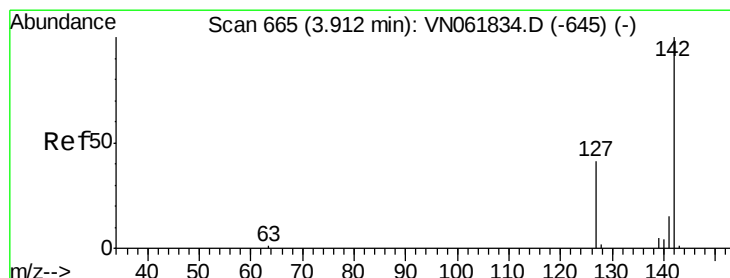
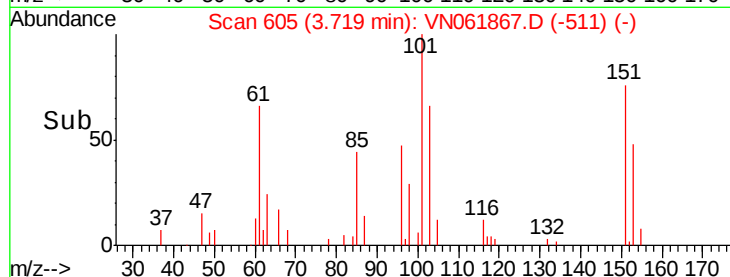
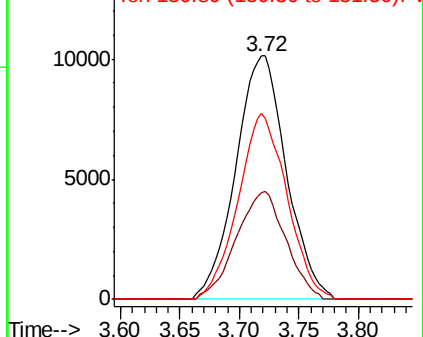
151 73.6 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.226 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

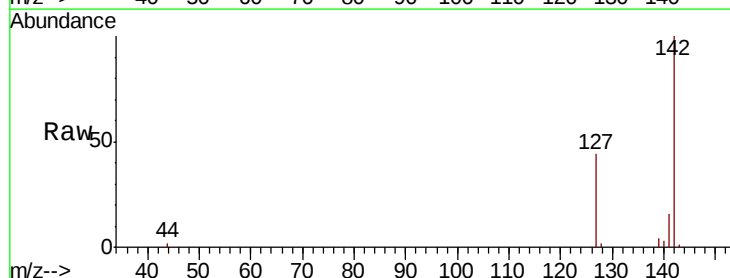
Tgt Ion:142 Resp: 32943

Ion Ratio Lower Upper

142 100

127 41.7 33.4 50.0

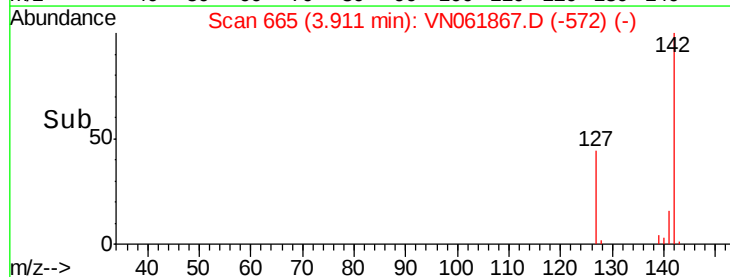
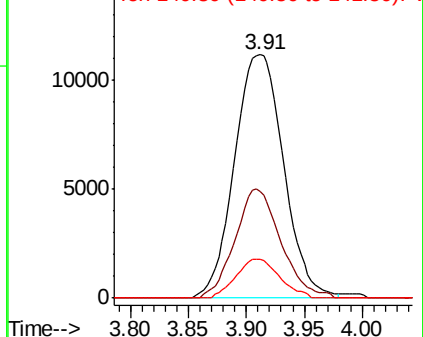
141 14.3 11.3 16.9

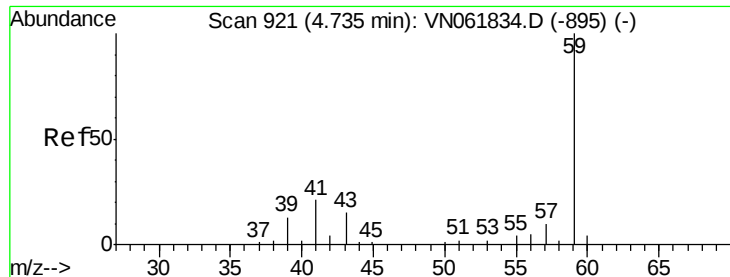


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

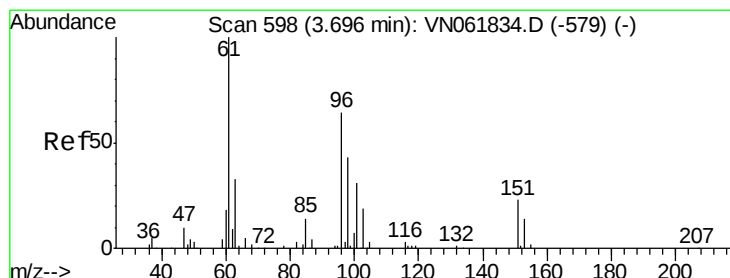
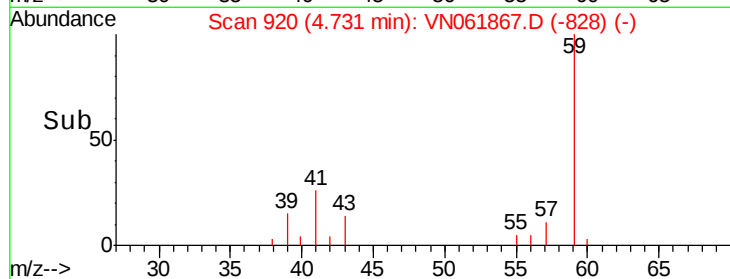
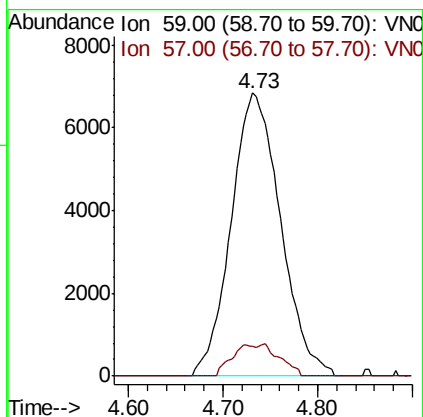
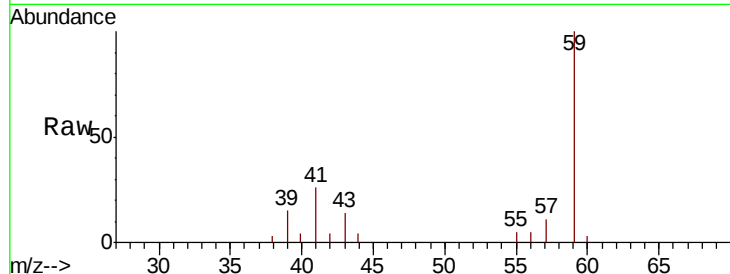




#11
Tert butyl alcohol
Concen: 88.392 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

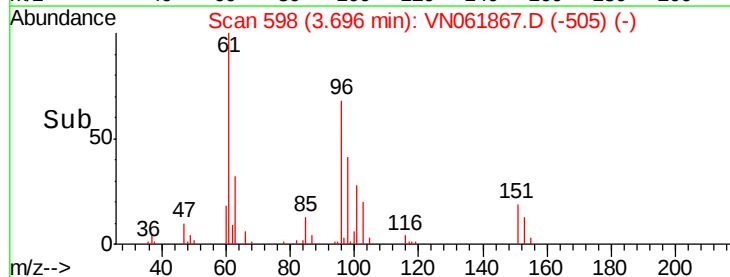
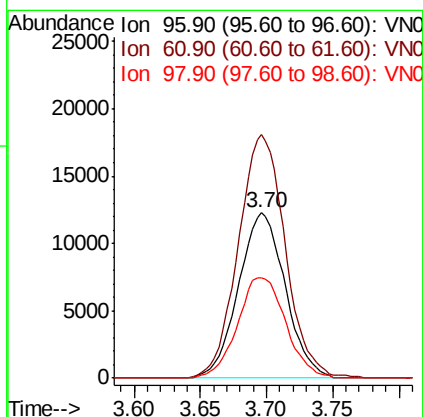
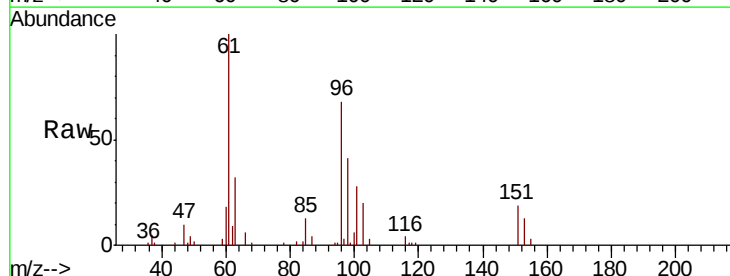
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

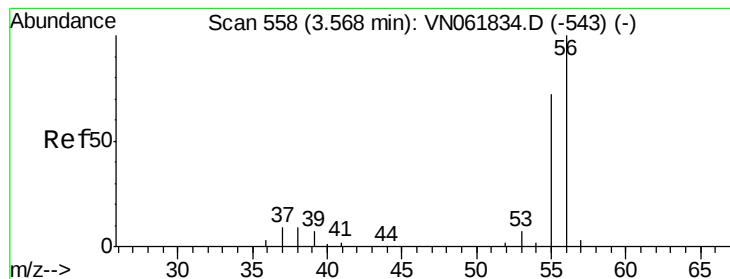
Tot Ion: 59 Resp: 24807
Ion Ratio Lower Upper
59 100
57 5.5 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 19.591 ug/l
RT: 3.70 min Scan# 598
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion: 96 Resp: 30101
Ion Ratio Lower Upper
96 100
61 147.5 124.3 186.5
98 60.5 53.1 79.7





#13

Acrolein

Concen: 71.005 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampled :

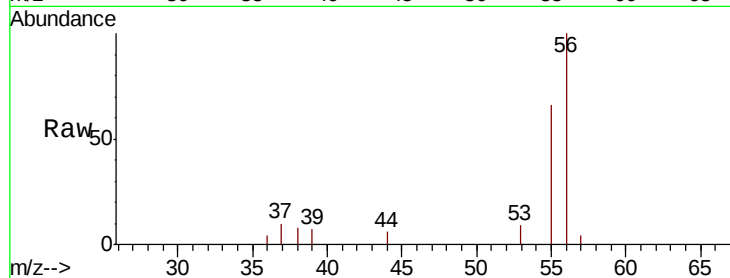
VN0617WBS02

Tot Ion: 56 Resp: 11910

Ion Ratio Lower Upper

56 100

55 70.2 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) (-)

3.56

5000

4000

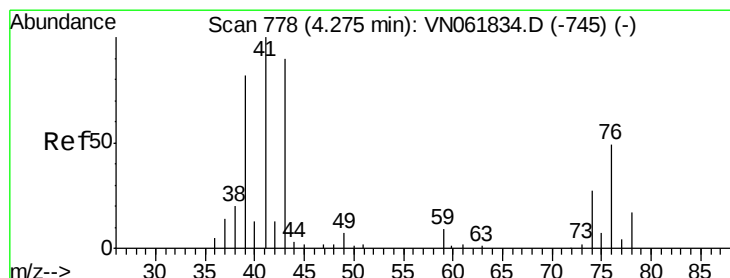
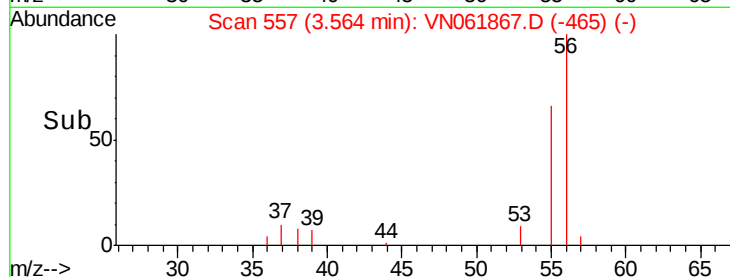
3000

2000

1000

0

Time-->



#14

Allyl chloride

Concen: 17.954 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

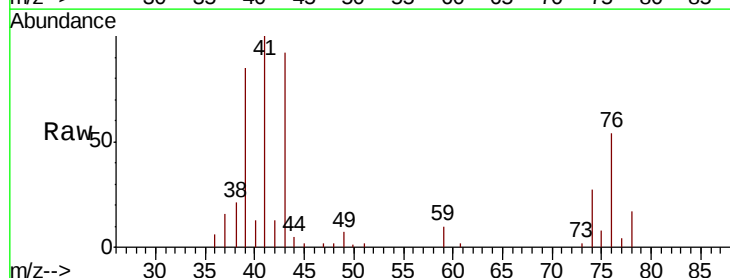
Tgt Ion: 41 Resp: 36612

Ion Ratio Lower Upper

41 100

39 79.8 60.2 90.2

76 47.6 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) (-)

4.27

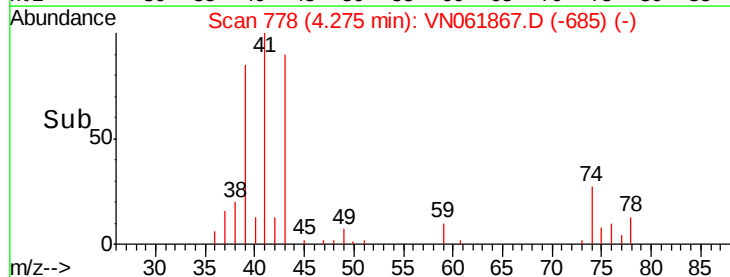
15000

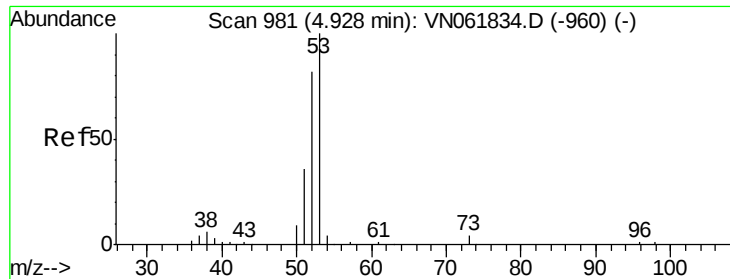
10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 95.655 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.01 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS02

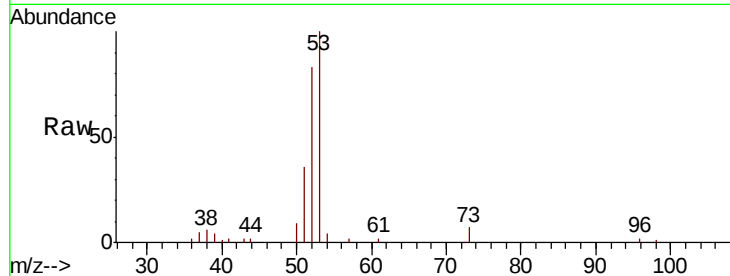
Tot Ion: 53 Resp: 66518

Ion Ratio Lower Upper

53 100

52 80.2 65.2 97.8

51 36.7 29.3 43.9



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

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

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

4.93

25000

20000

15000

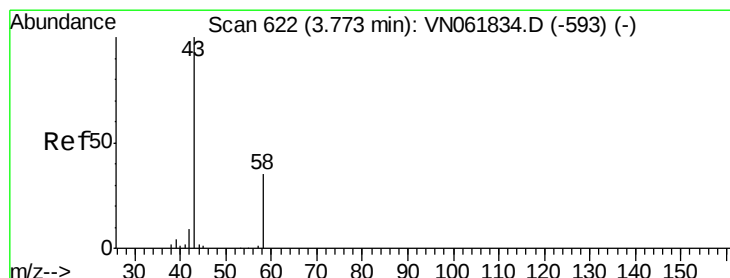
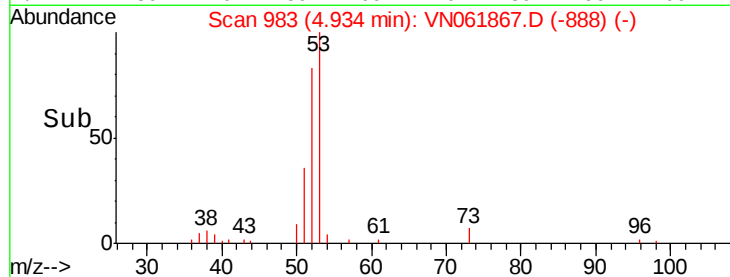
10000

5000

0

Time-->

4.80 4.90 5.00 5.10



#16

Acetone

Concen: 88.887 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061867.D

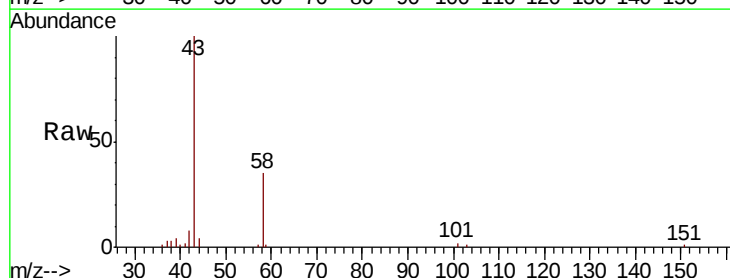
Acq: 17 Jun 2020 23:28

Tgt Ion: 43 Resp: 53249

Ion Ratio Lower Upper

43 100

58 35.2 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) (-)

3.77

20000

15000

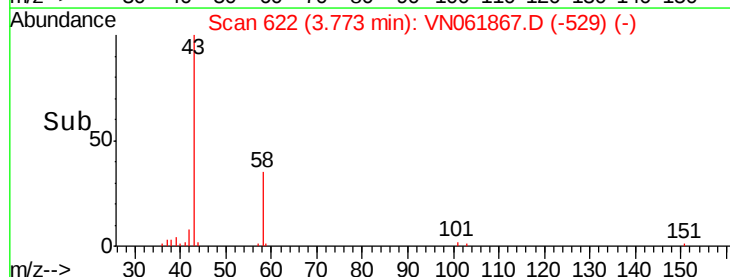
10000

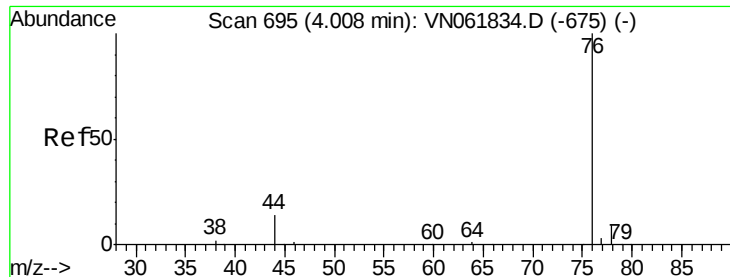
5000

0

Time-->

3.70 3.80 3.90

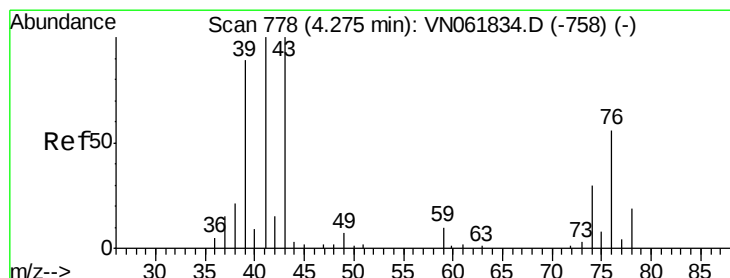
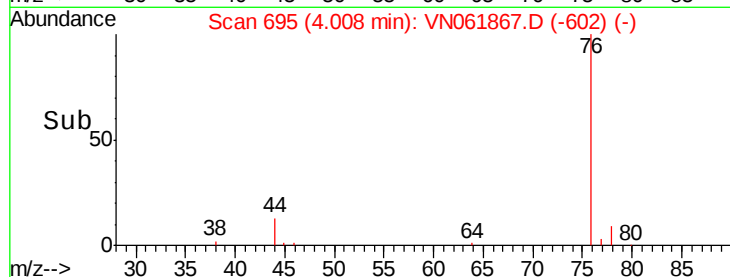
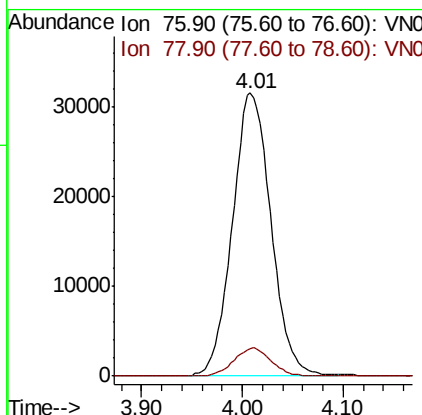
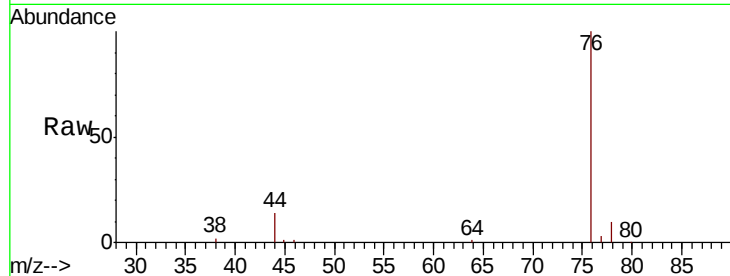




#17
Carbon Disulfide
Concen: 18.651 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

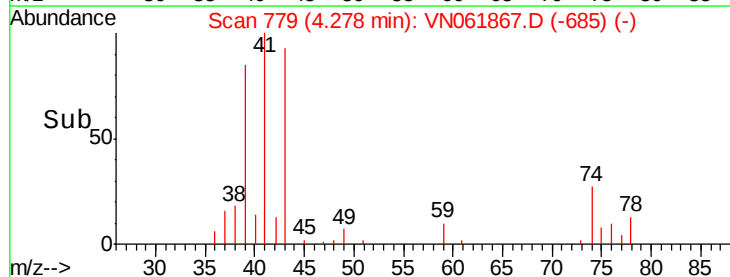
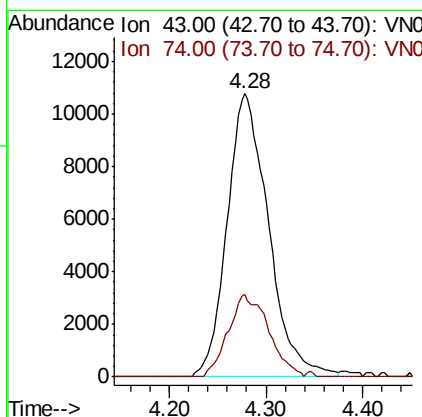
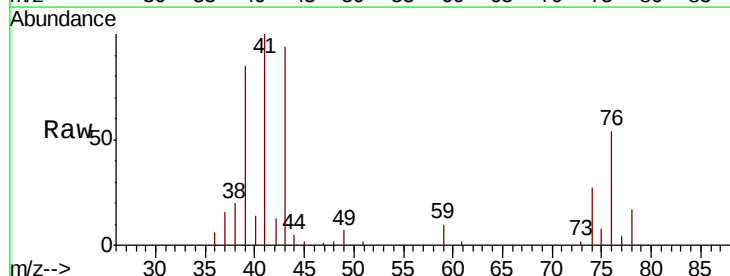
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

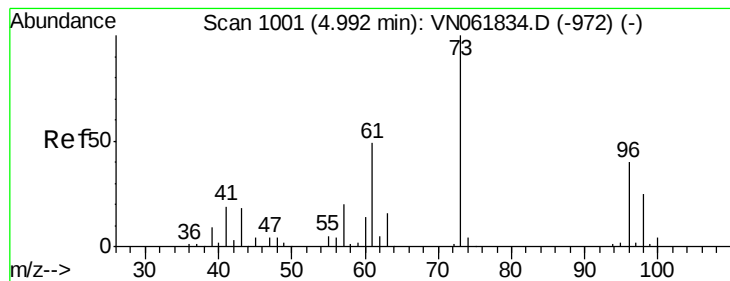
Tot Ion: 76 Resp: 83849
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#18
Methyl Acetate
Concen: 18.581 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion: 43 Resp: 32047
Ion Ratio Lower Upper
43 100
74 28.5 23.0 34.4



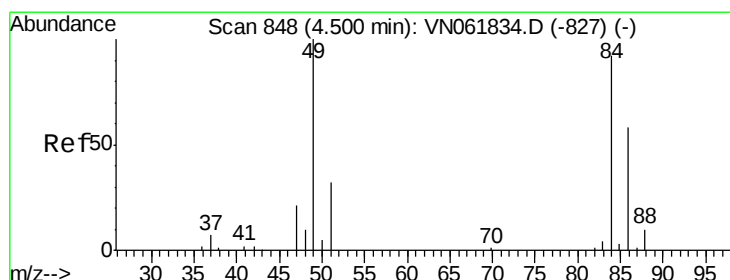
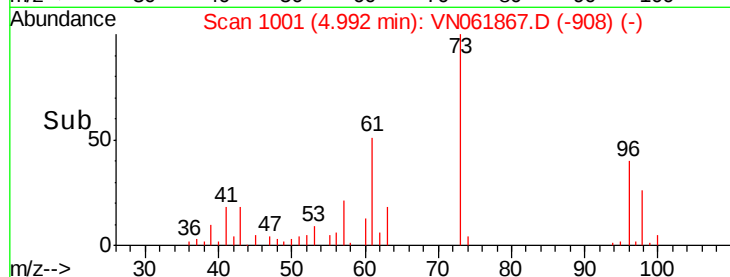
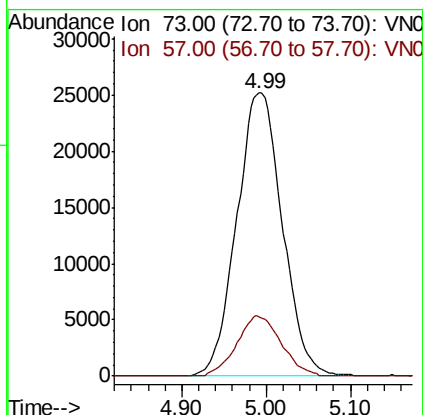
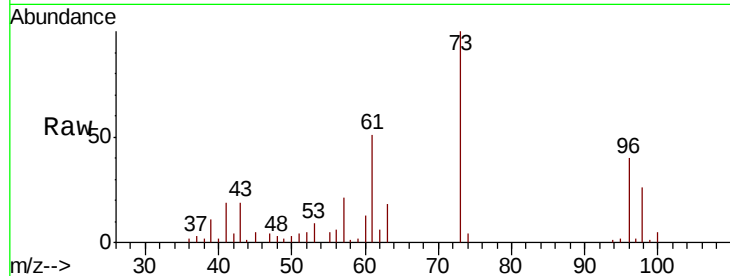


#19

Methyl tert-butyl Ether
 Concen: 18.493 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

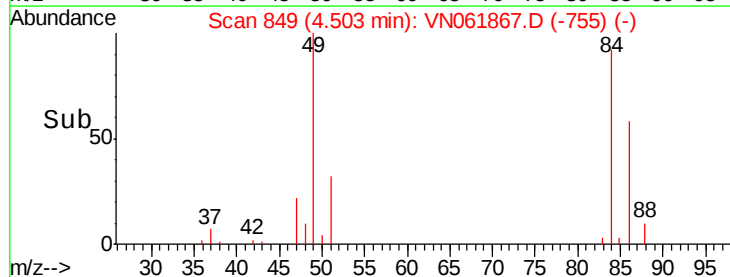
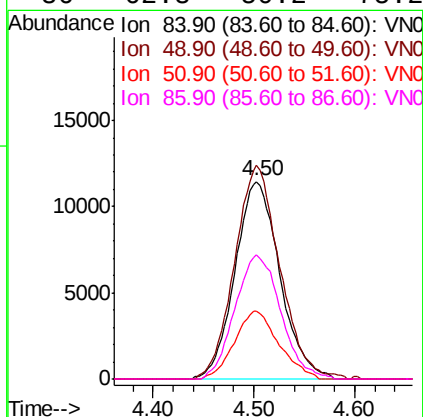
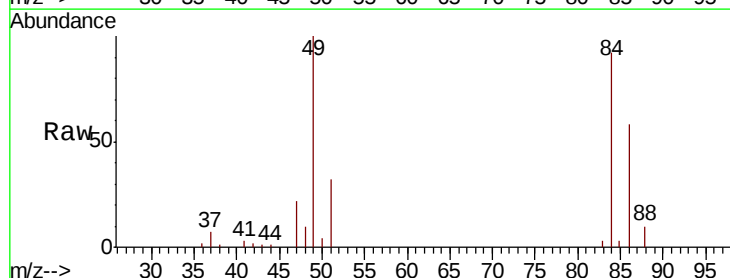
Tot Ion: 73 Resp: 94608
 Ion Ratio Lower Upper
 73 100
 57 21.1 16.2 24.4

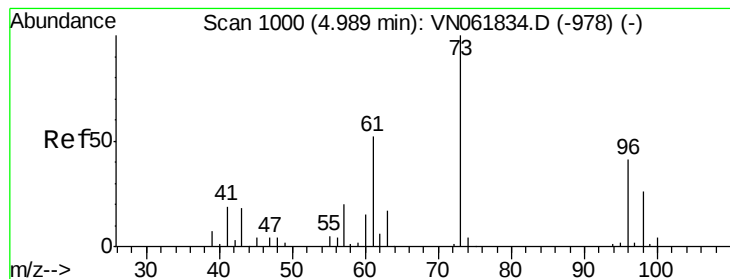


#20

Methylene Chloride
 Concen: 18.133 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion: 84 Resp: 35390
 Ion Ratio Lower Upper
 84 100
 49 108.3 87.0 130.4
 51 34.6 27.8 41.6
 86 62.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.825 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS02

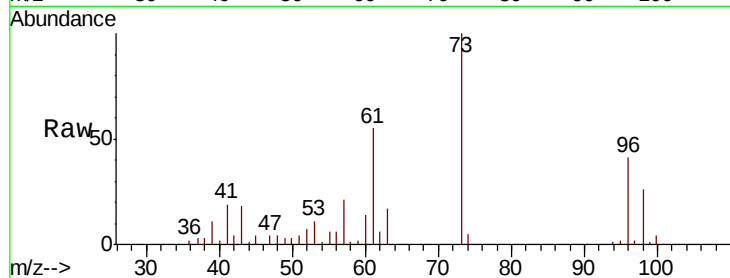
Tot Ion: 96 Resp: 33222

Ion Ratio Lower Upper

96 100

61 131.8 102.2 153.4

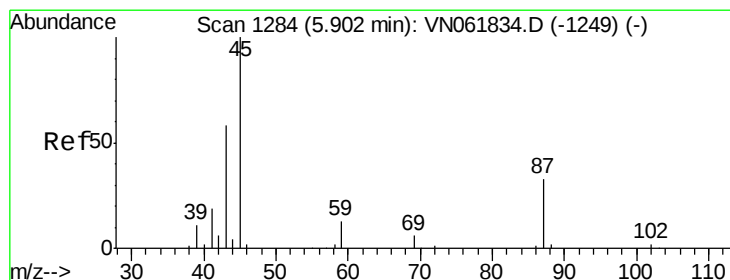
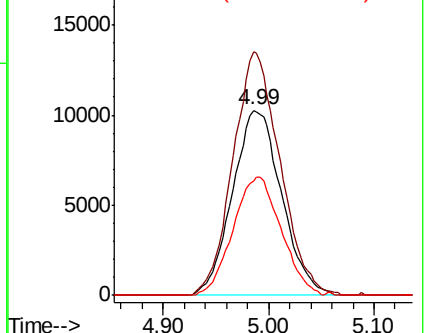
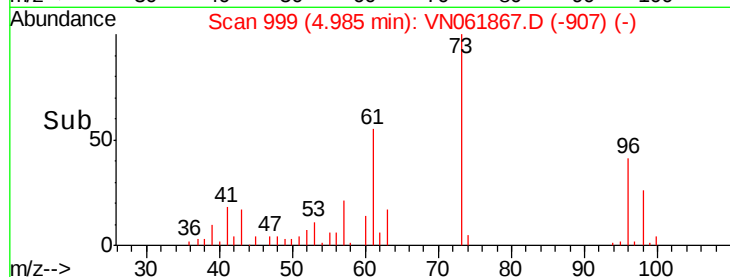
98 62.1 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VN061867.D (-907) (-)

Ion 60.90 (60.60 to 61.60): VN061867.D (-907) (-)

Ion 97.90 (97.60 to 98.60): VN061867.D (-907) (-)



#22

Diisopropyl ether

Concen: 18.735 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Tgt Ion: 45 Resp: 87376

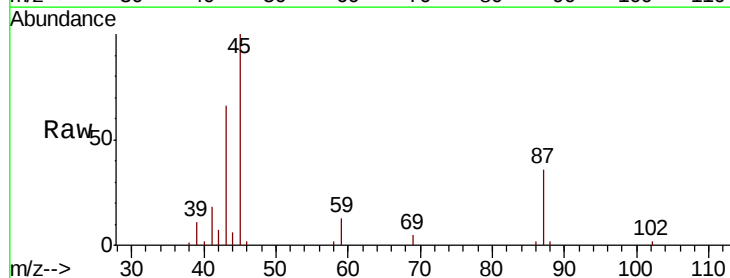
Ion Ratio Lower Upper

45 100

43 64.1 49.4 74.2

87 35.7 27.4 41.0

59 12.8 10.6 15.8

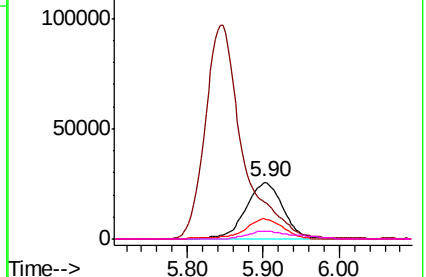
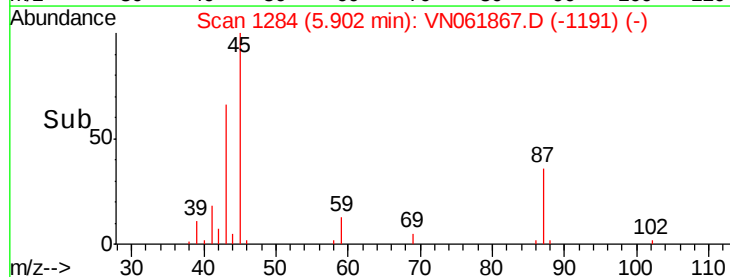


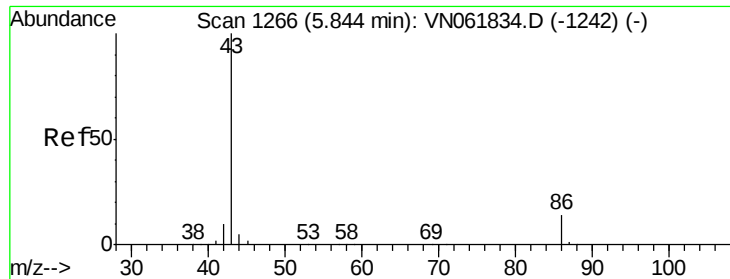
Abundance Ion 45.00 (44.70 to 45.70): VN061867.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061867.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061867.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061867.D (-1191) (-)





#23

Vinyl Acetate

Concen: 90.361 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

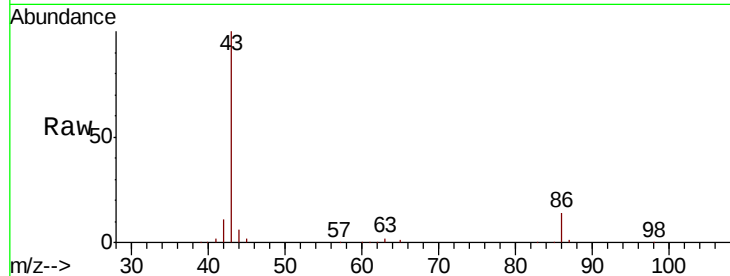
VN0617WBS02

Tot Ion: 43 Resp: 331455

Ion Ratio Lower Upper

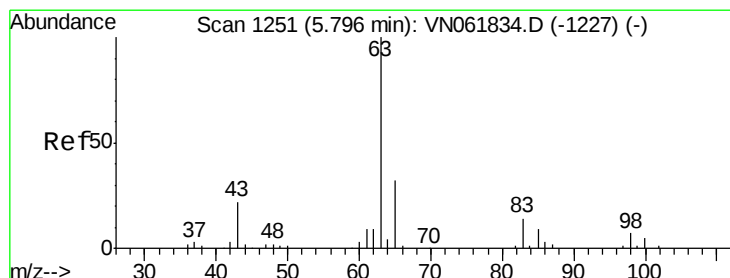
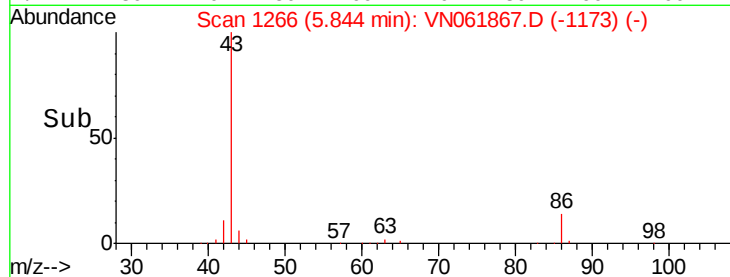
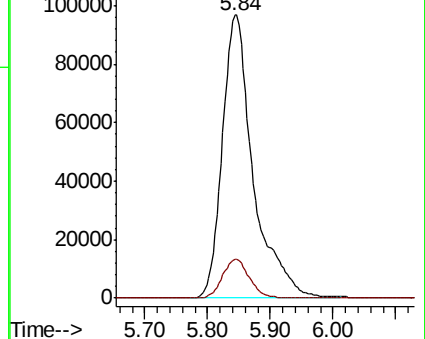
43 100

86 13.7 10.9 16.3



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

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



#24

1,1-Dichloroethane

Concen: 18.648 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

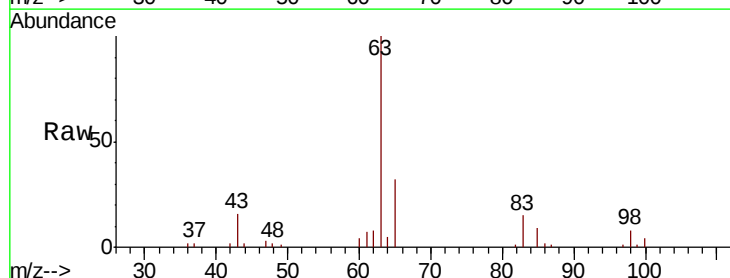
Tgt Ion: 63 Resp: 56934

Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

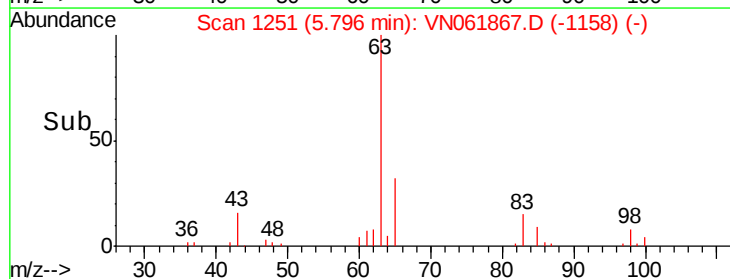
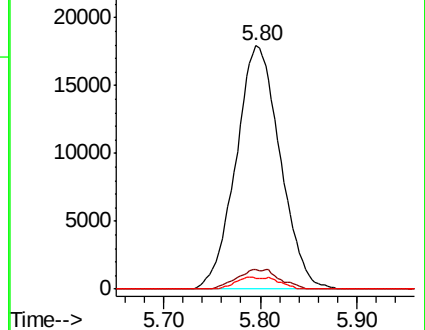
100 4.4 2.5 7.4

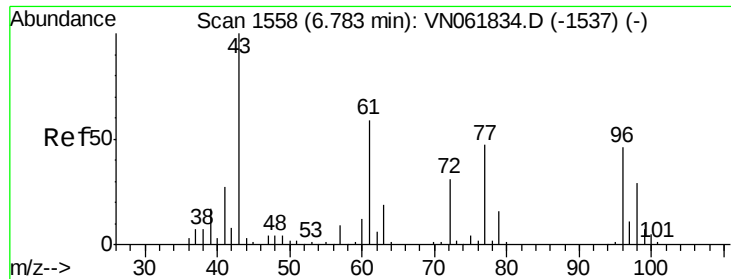


Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-1227) (-)

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

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

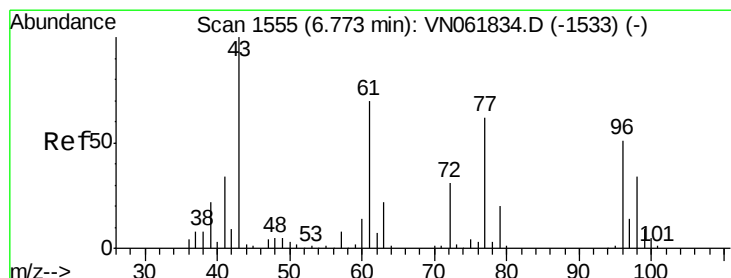
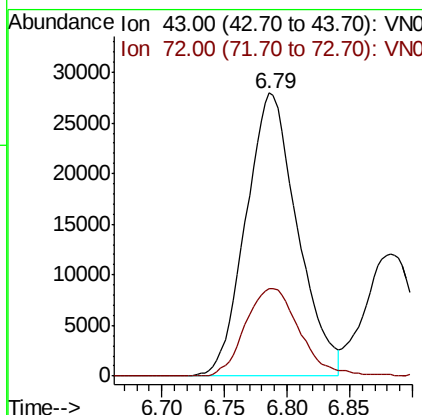
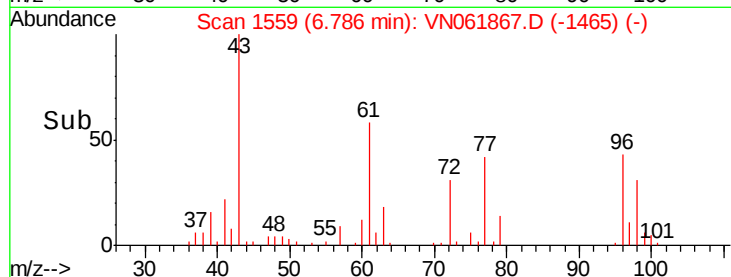
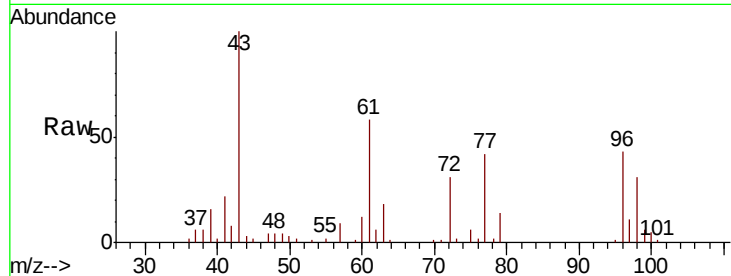




#25
2-Butanone
Concen: 91.628 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

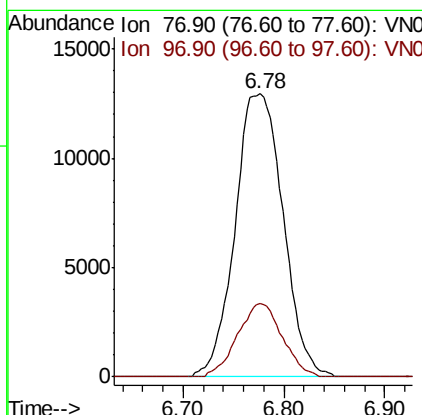
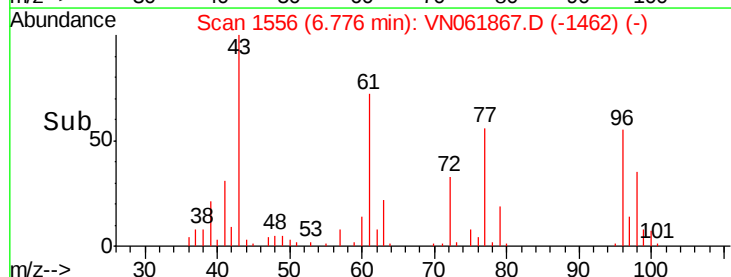
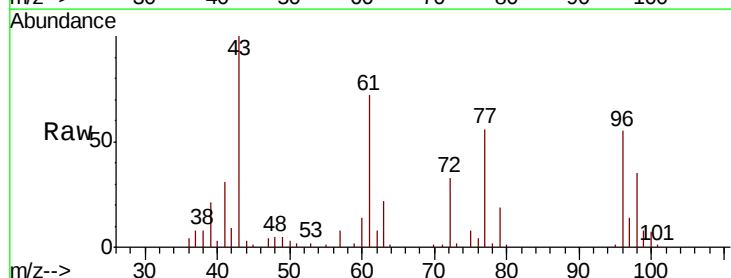
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

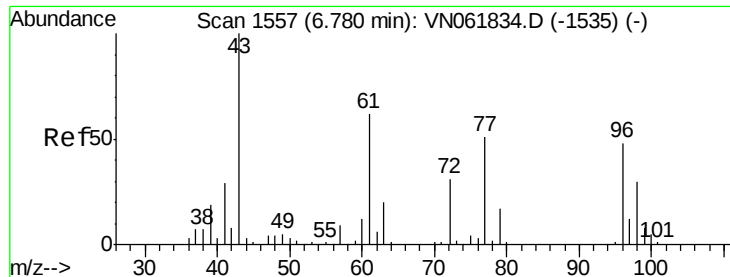
Tot Ion: 43 Resp: 80086
Ion Ratio Lower Upper
43 100
72 30.9 24.6 37.0



#26
2,2-Dichloropropane
Concen: 16.647 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion: 77 Resp: 42760
Ion Ratio Lower Upper
77 100
97 24.2 11.7 35.0

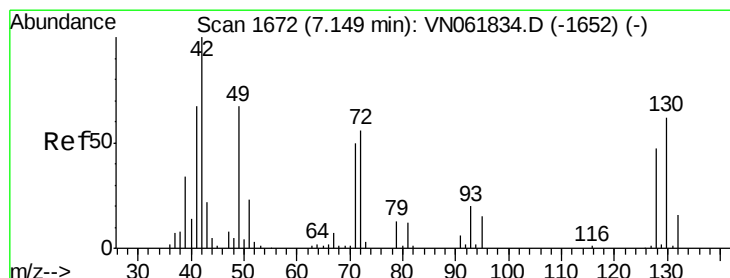
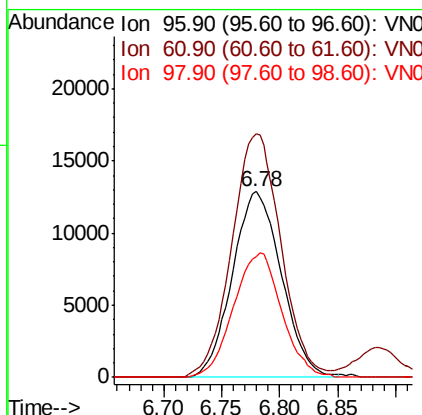
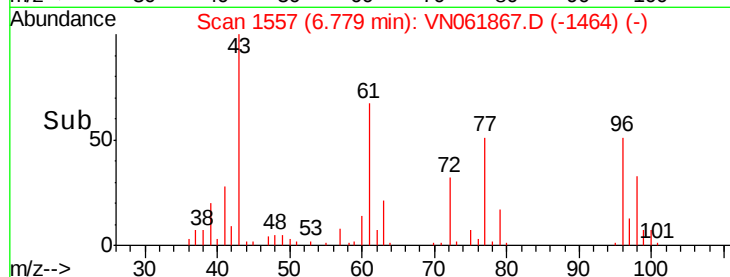
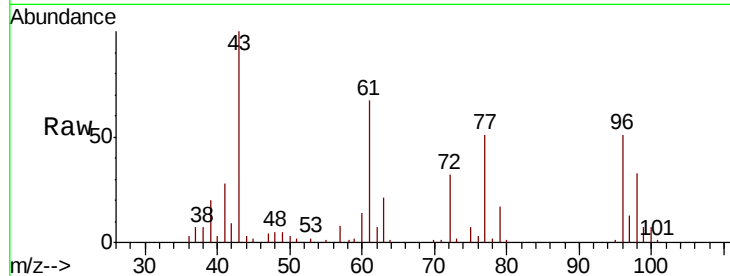




#27
 cis-1,2-Dichloroethene
 Concen: 18.576 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

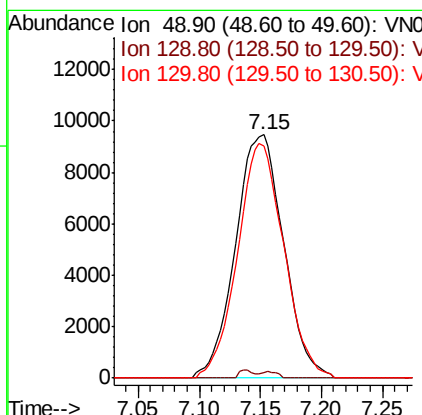
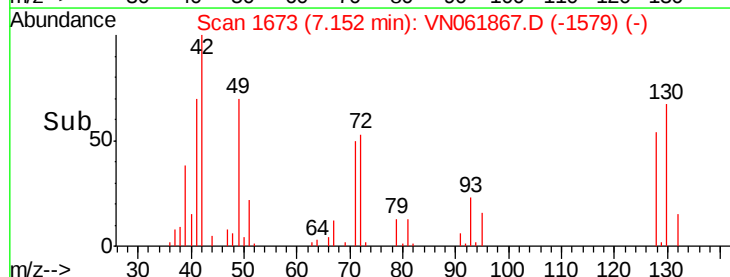
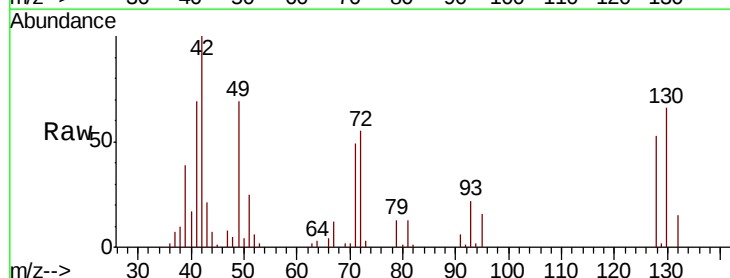
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

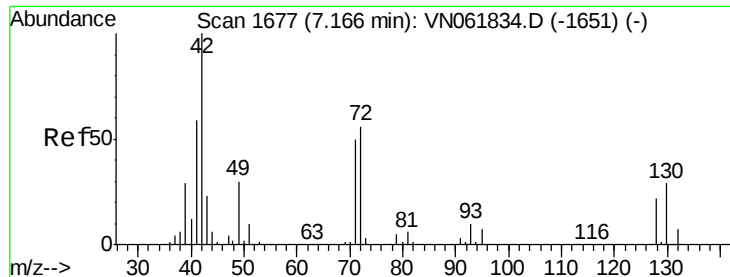
Tot Ion: 96 Resp: 37826
 Ion Ratio Lower Upper
 96 100
 61 131.5 0.0 265.6
 98 66.0 0.0 128.2



#28
 Bromochloromethane
 Concen: 19.027 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion: 49 Resp: 25864
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.0
 130 92.6 72.2 108.2

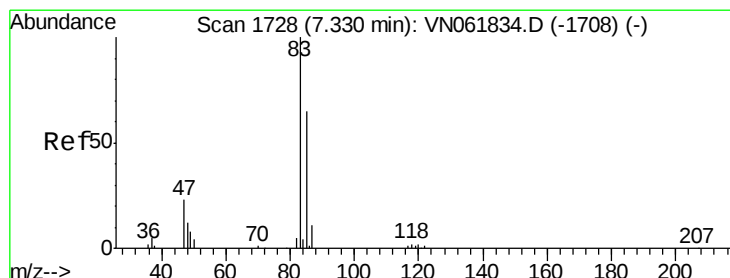
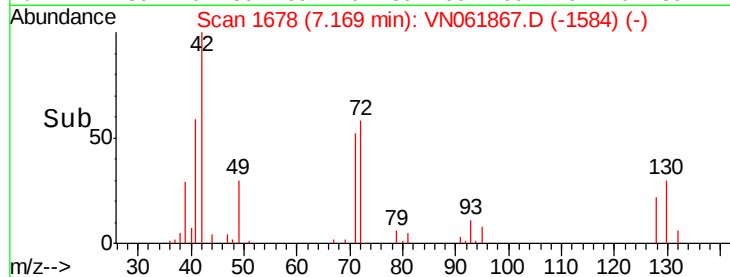
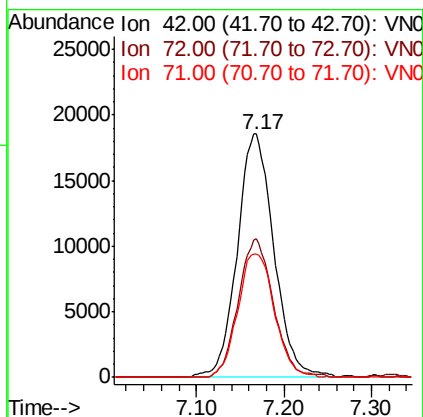
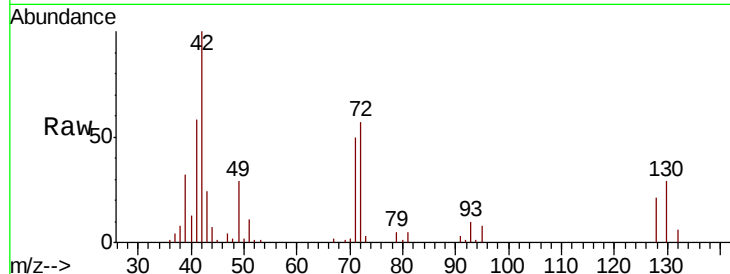




#29
Tetrahydrofuran
Concen: 93.620 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

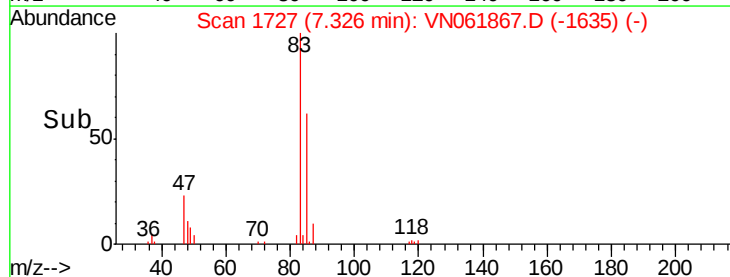
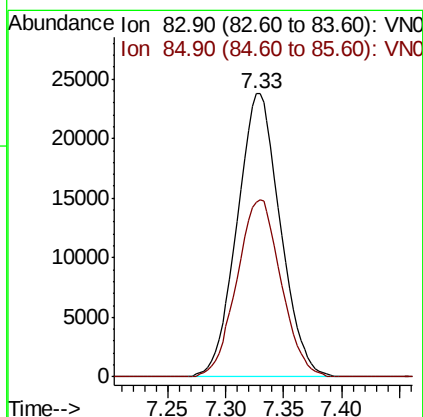
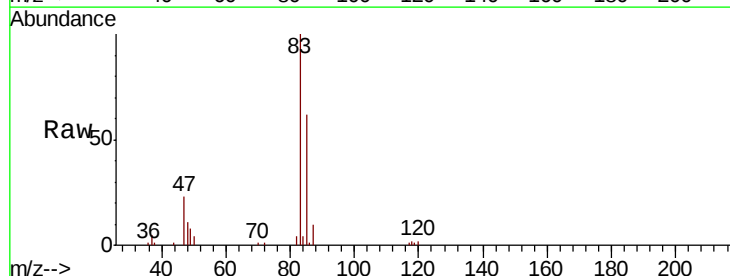
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

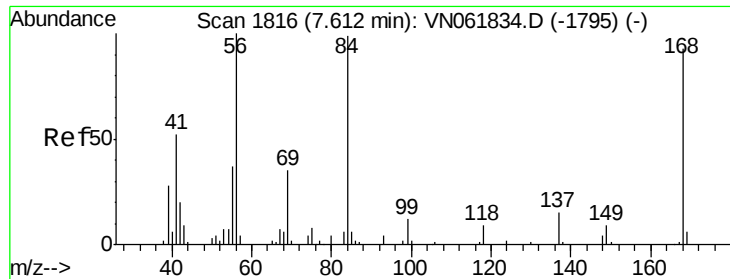
Tot Ion	Ratio	Lower	Upper
42	100		
72	54.7	44.0	66.0
71	50.8	40.0	60.0



#30
Chloroform
Concen: 18.899 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	52.0	78.0

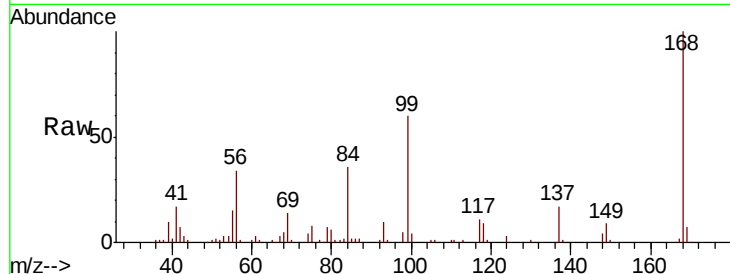




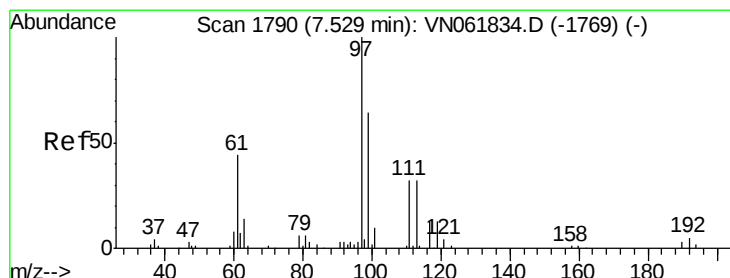
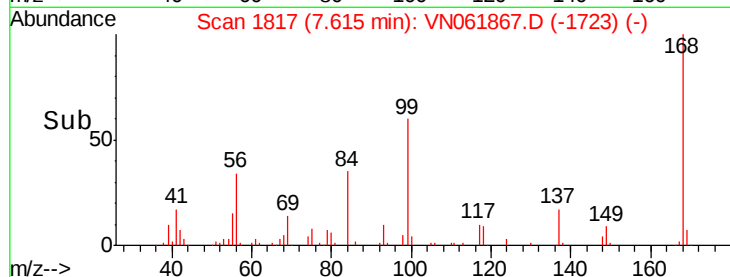
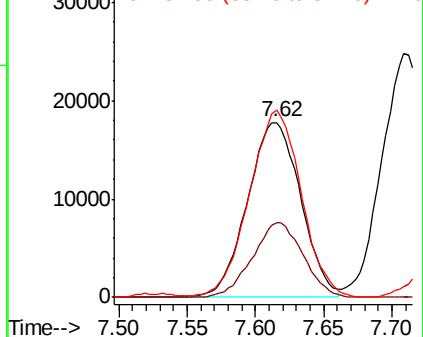
#31
Cyclohexane
Concen: 18.061 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion: 56 Resp: 48271
Ion Ratio Lower Upper
56 100
69 42.6 27.7 41.5#
84 106.3 79.1 118.7

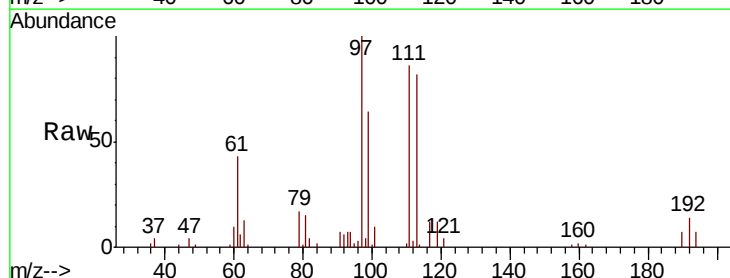


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

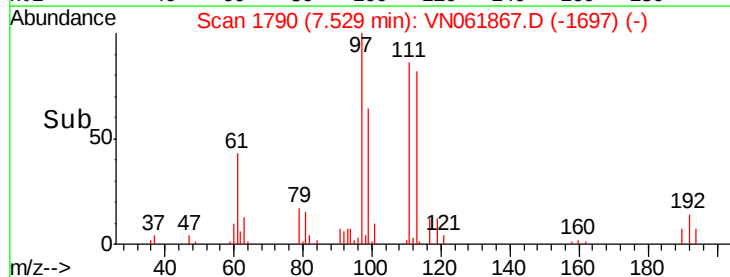
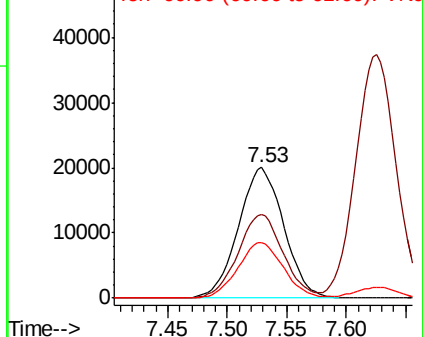


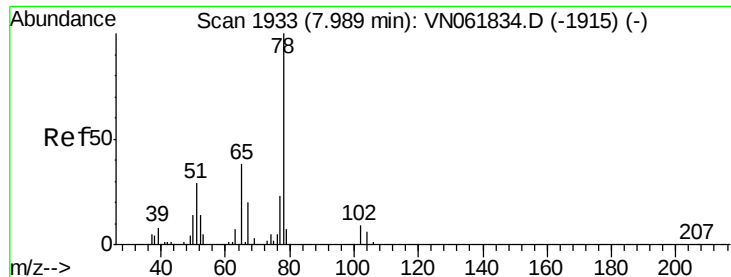
#32
1,1,1-Trichloroethane
Concen: 19.010 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion: 97 Resp: 52824
Ion Ratio Lower Upper
97 100
99 63.7 51.5 77.3
61 42.7 35.1 52.7



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





#33

1,2-Dichloroethane-d4

Concen: 48.622 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

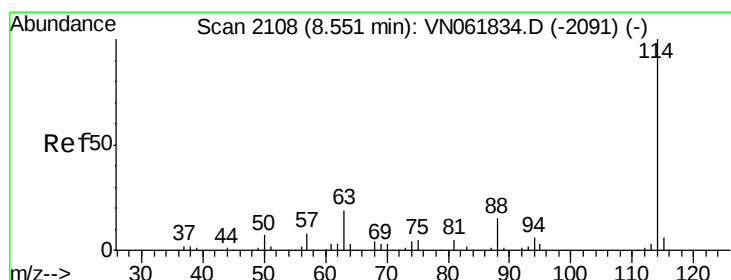
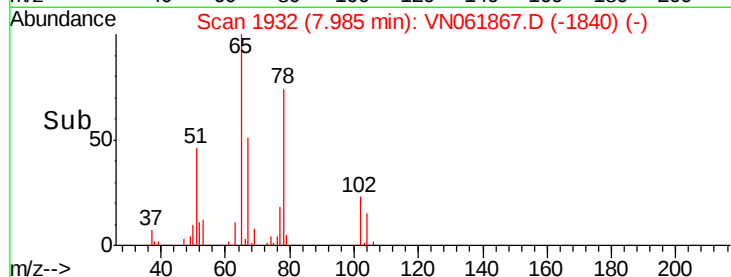
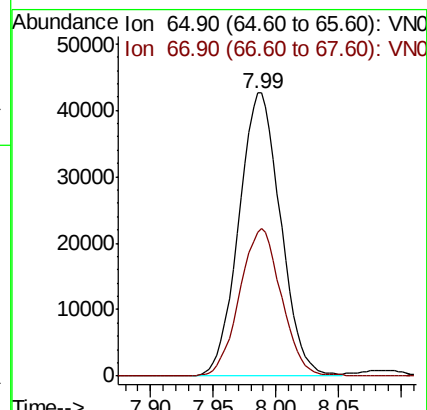
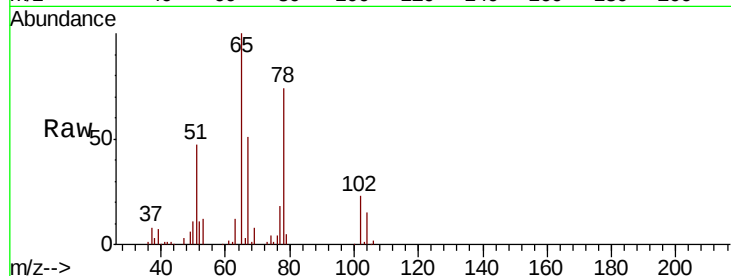
VN0617WBS02

Tot Ion: 65 Resp: 98611

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

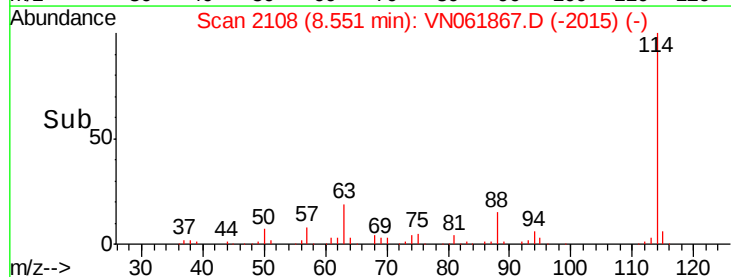
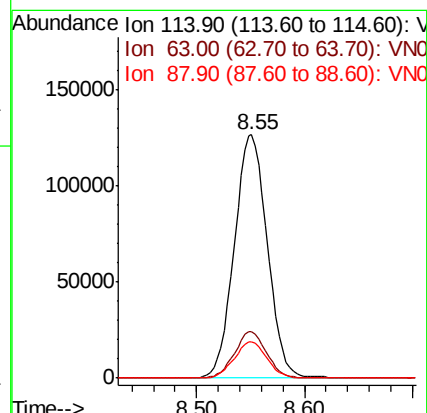
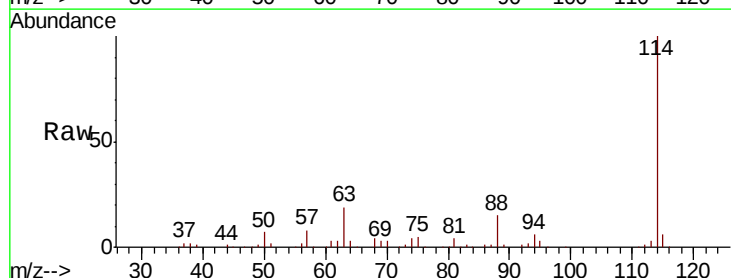
Tgt Ion: 114 Resp: 269103

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.6

88 14.9 0.0 31.0

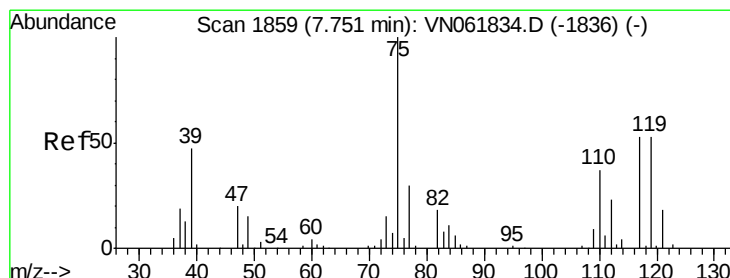
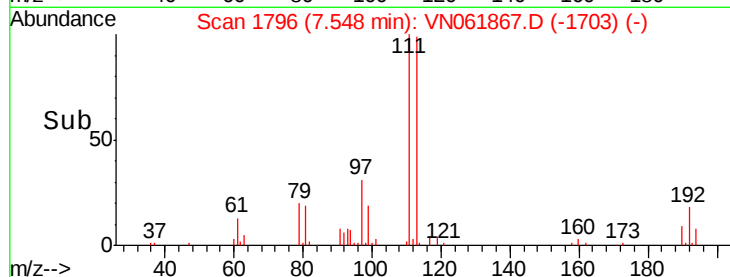
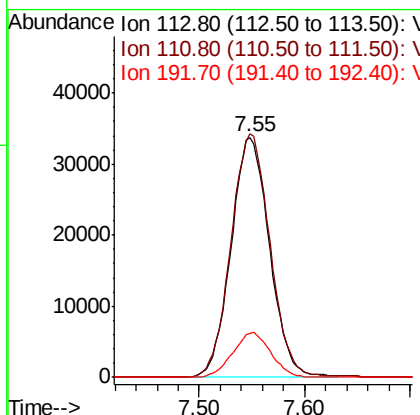
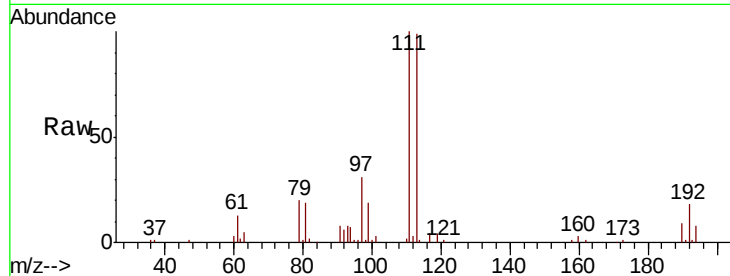




#35
 Dibromofluoromethane
 Concen: 49.708 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

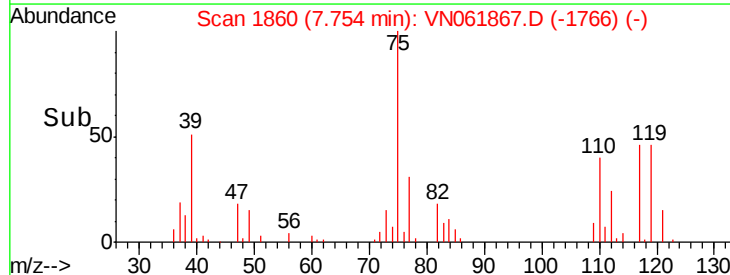
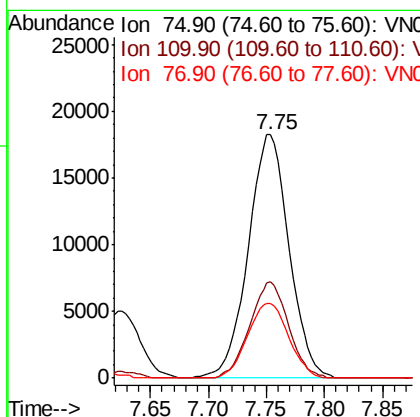
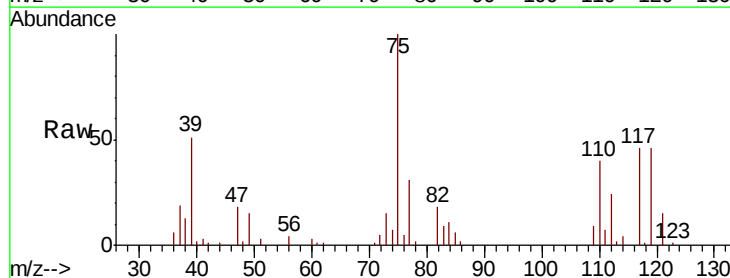
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

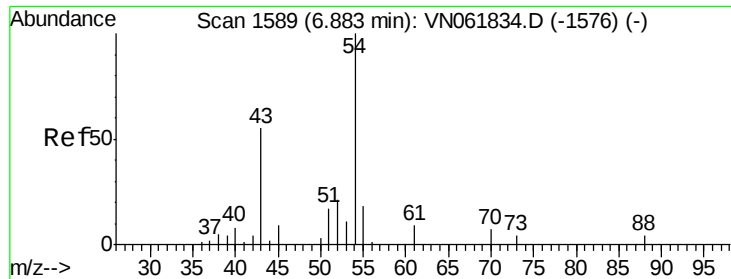
Tot Ion:113 Resp: 85576
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.7 125.5
 192 18.4 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 18.210 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion: 75 Resp: 44696
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.2 54.6
 77 30.9 24.2 36.4

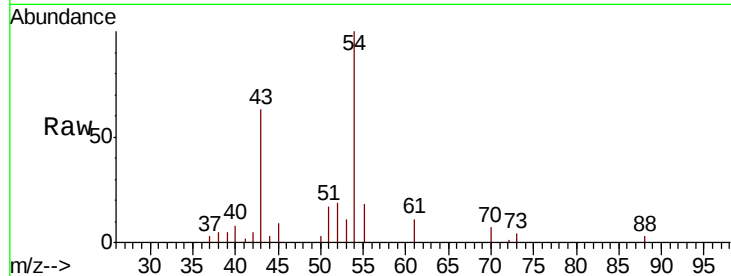




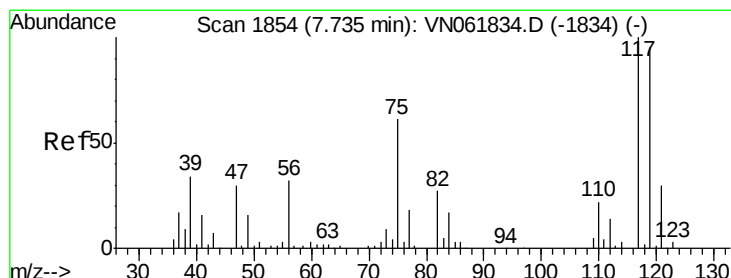
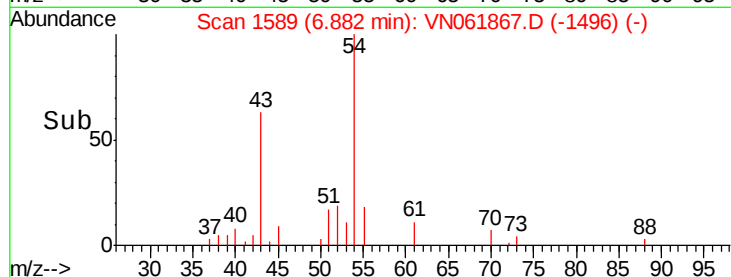
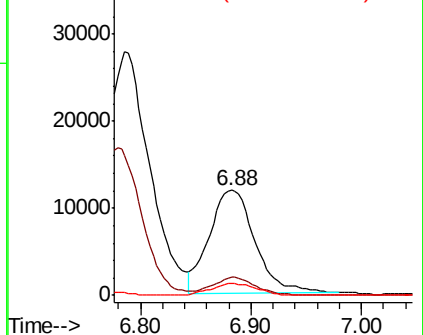
#37
Ethyl Acetate
Concen: 18.049 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion: 43 Resp: 34596
Ion Ratio Lower Upper
43 100
61 16.3 13.0 19.4
70 11.1 9.4 14.2

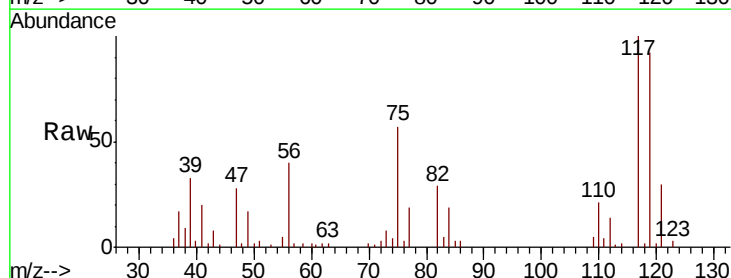


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

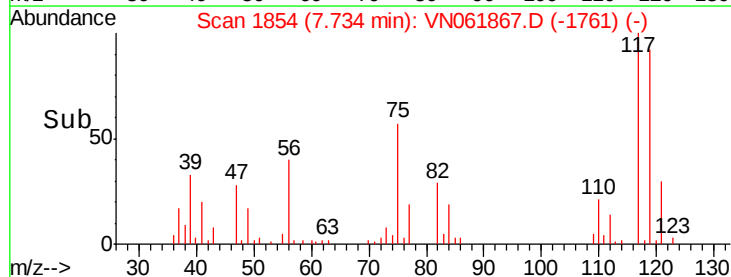
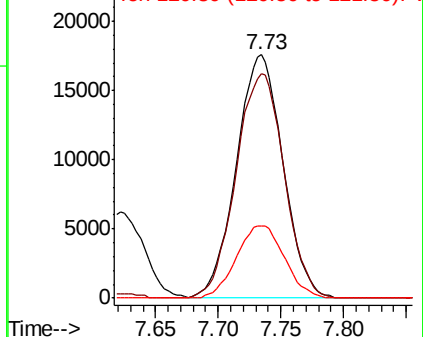


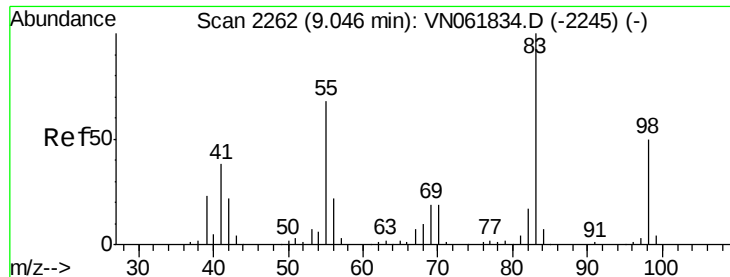
#38
Carbon Tetrachloride
Concen: 18.688 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion: 117 Resp: 45425
Ion Ratio Lower Upper
117 100
119 92.0 75.8 113.6
121 29.8 23.8 35.6



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

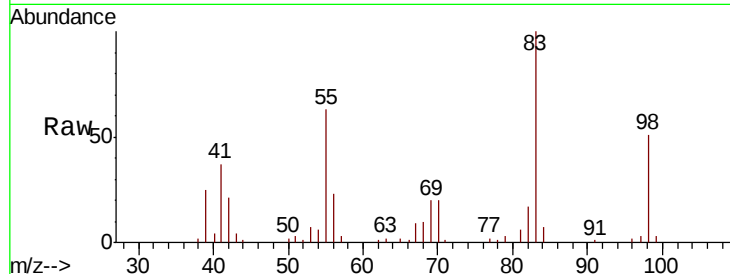




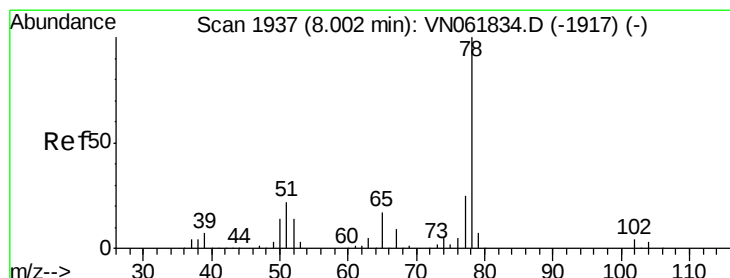
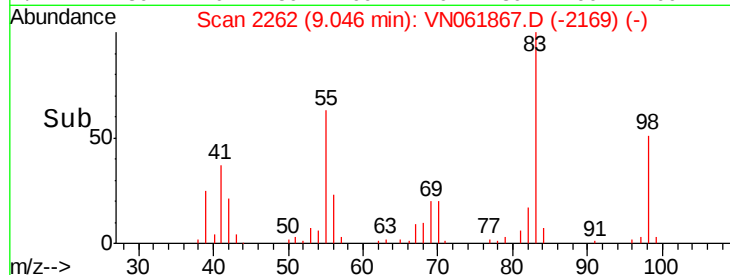
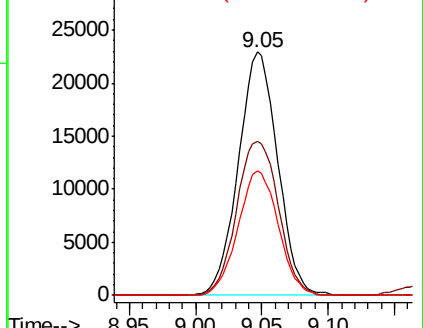
#39
Methvlcvclohexane
Concen: 17.943 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion: 83 Resp: 47424
Ion Ratio Lower Upper
83 100
55 63.2 54.2 81.4
98 51.2 39.8 59.6

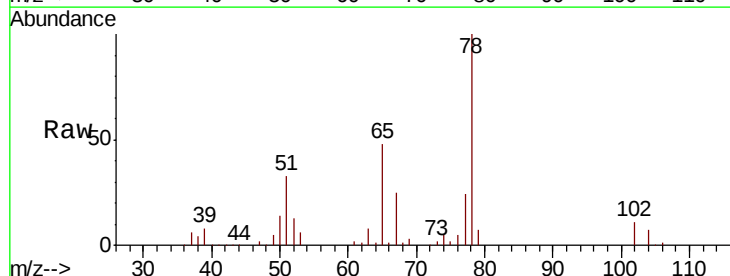


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

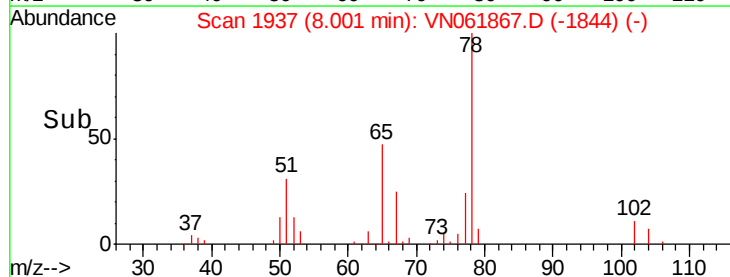
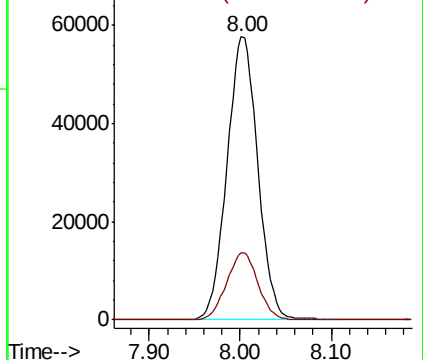


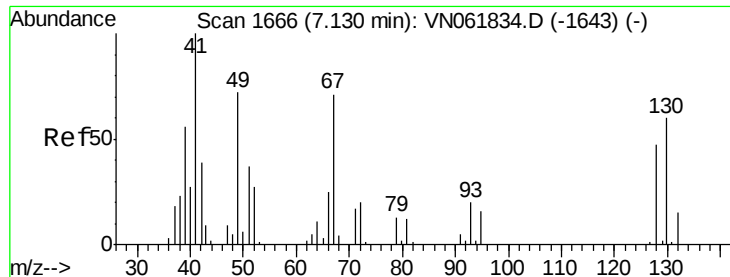
#40
Benzene
Concen: 18.237 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion: 78 Resp: 135596
Ion Ratio Lower Upper
78 100
77 23.5 19.7 29.5



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

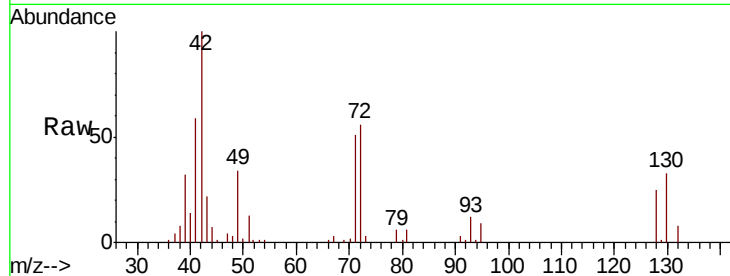




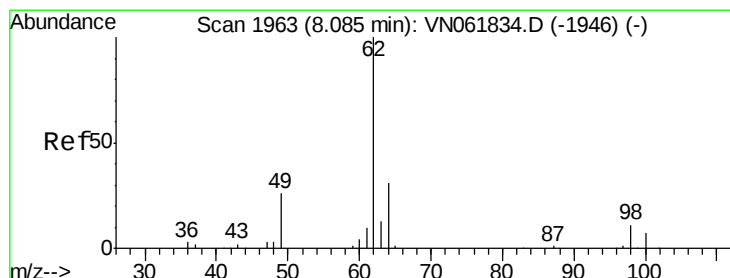
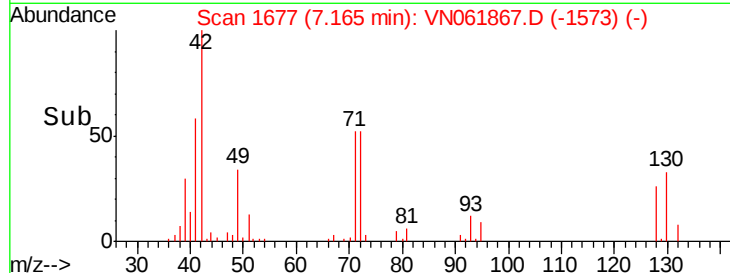
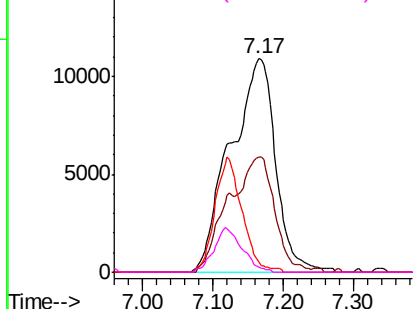
#41
Methacrylonitrile
Concen: 59.492 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion:	41	Resp:	48761
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

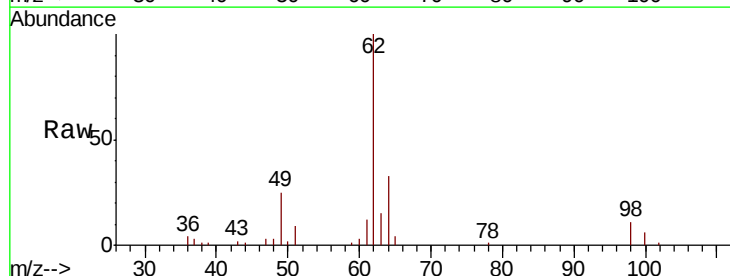


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

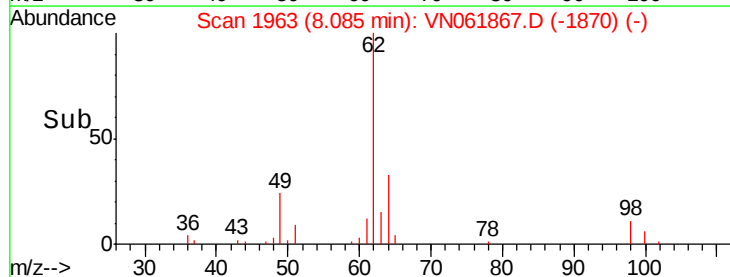
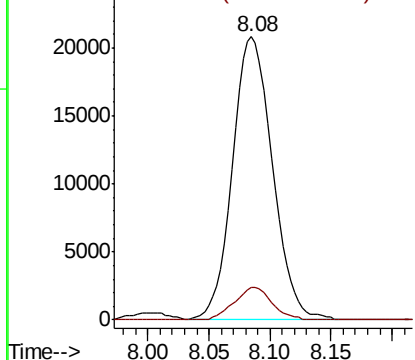


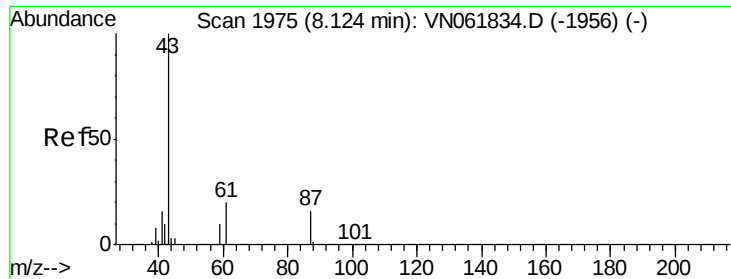
#42
1,2-Dichloroethane
Concen: 18.687 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion:	62	Resp:	47375
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 17.953 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS02

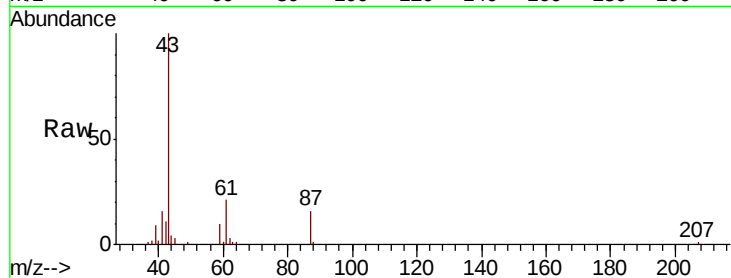
Tot Ion: 43 Resp: 57990

Ion Ratio Lower Upper

43 100

61 21.6 24.0 36.0#

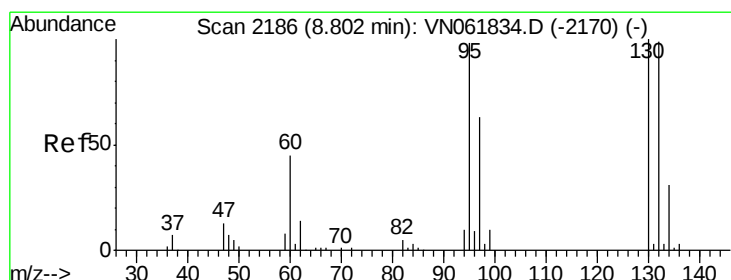
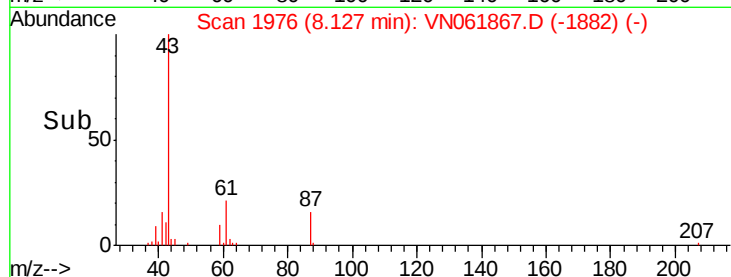
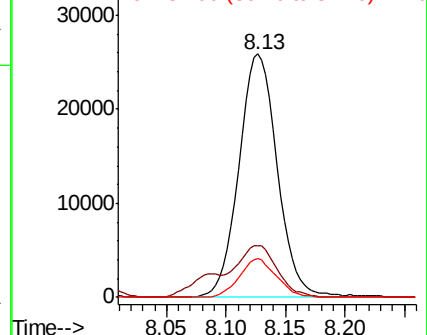
87 15.3 12.5 18.7



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

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

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



#44

Trichloroethene

Concen: 18.561 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061867.D

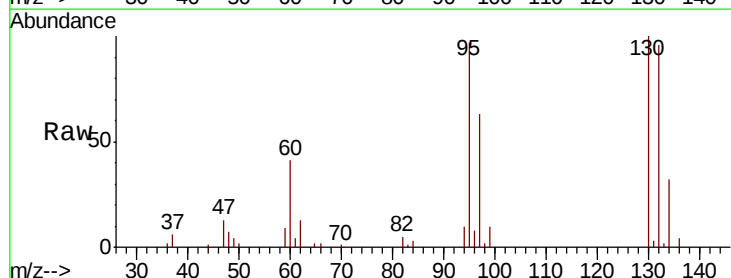
Acq: 17 Jun 2020 23:28

Tgt Ion:130 Resp: 36319

Ion Ratio Lower Upper

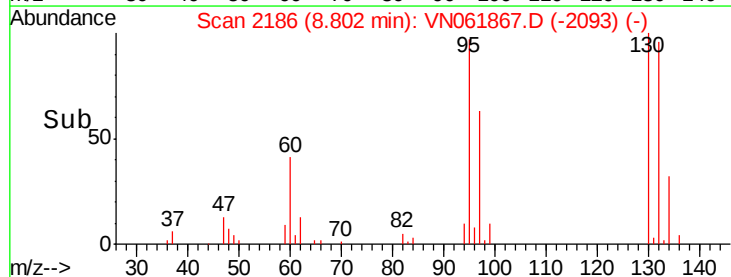
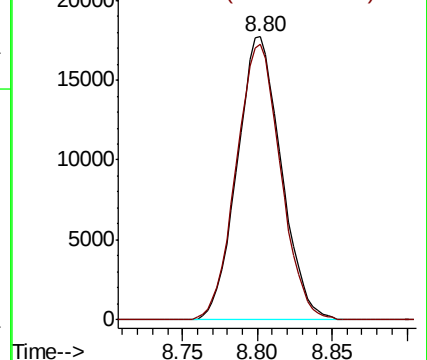
130 100

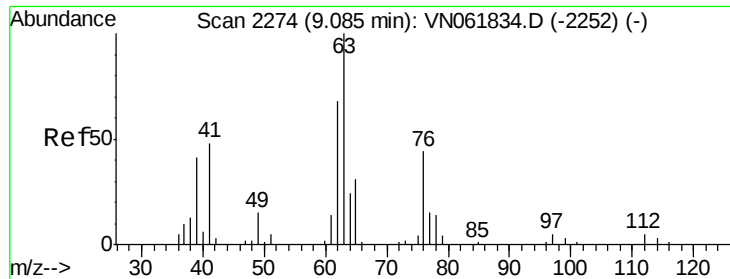
95 97.3 0.0 195.6



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

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





#45

1,2-Dichloropropane

Concen: 18.674 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

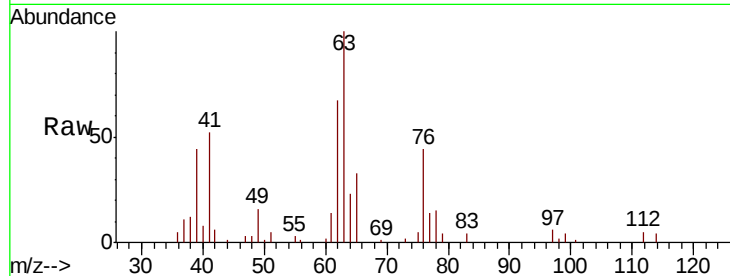
VN0617WBS02

Tot Ion: 63 Resp: 34121

Ion Ratio Lower Upper

63 100

65 32.8 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) (-)

9.08

15000

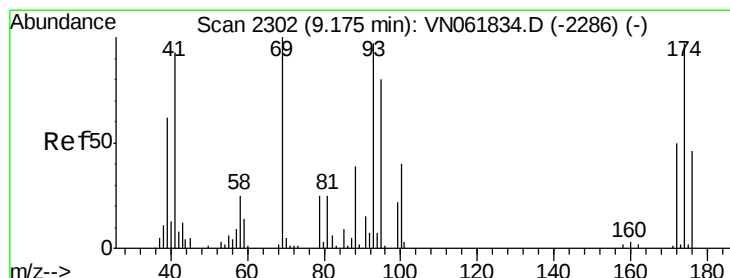
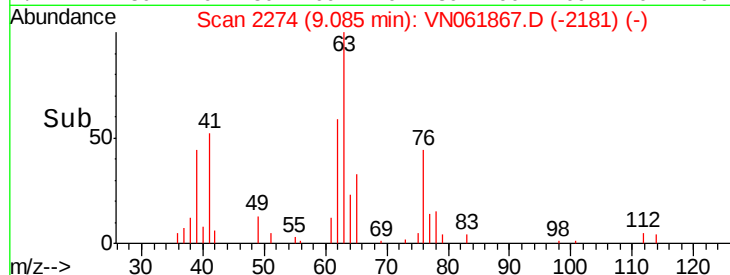
10000

5000

0

9.00 9.05 9.10 9.15

Time-->



#46

Dibromomethane

Concen: 18.988 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

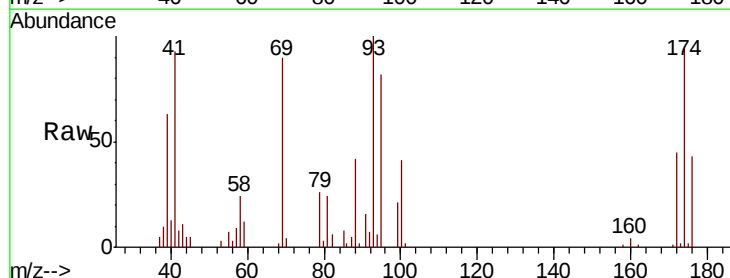
Tgt Ion: 93 Resp: 24432

Ion Ratio Lower Upper

93 100

95 81.9 65.8 98.6

174 94.6 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) (-)

9.17

15000

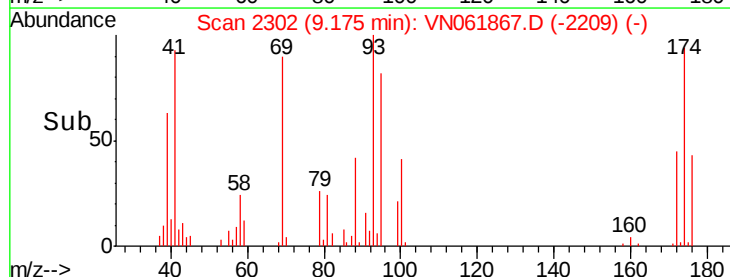
10000

5000

0

9.10 9.15 9.20 9.25

Time-->





#47

Bromodichloromethane

Concen: 18.554 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS02

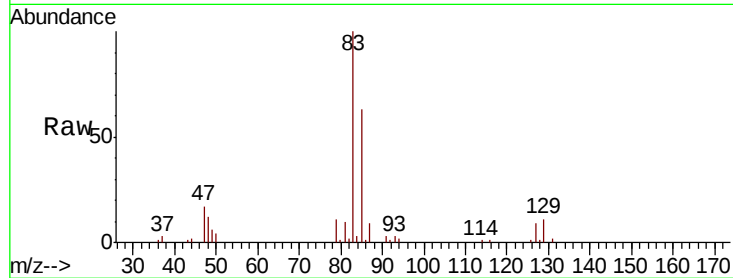
Tot Ion: 83 Resp: 48884

Ion Ratio Lower Upper

83 100

85 62.9 50.8 76.2

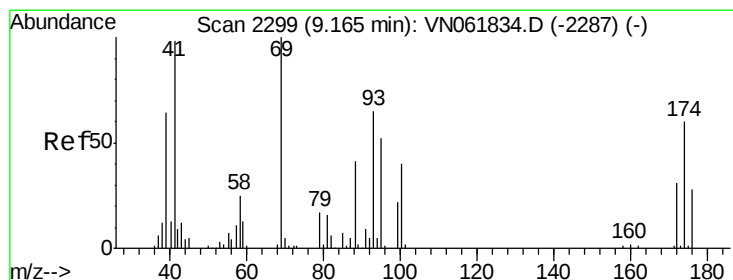
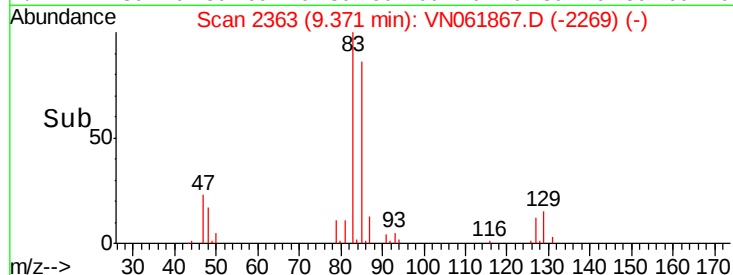
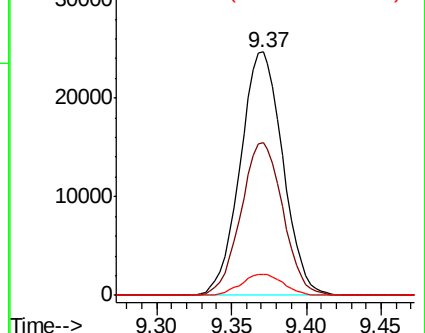
127 8.6 7.0 10.4



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

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

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



#48

Methyl methacrylate

Concen: 17.414 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

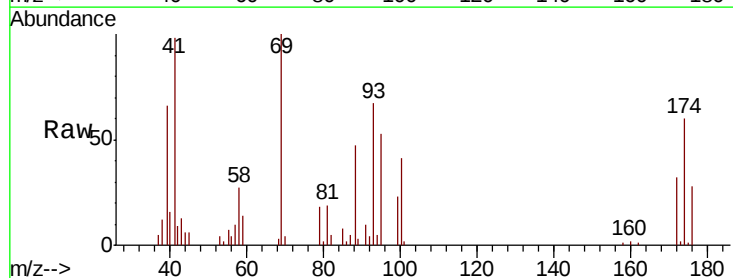
Tgt Ion: 41 Resp: 25581

Ion Ratio Lower Upper

41 100

69 102.6 83.0 124.4

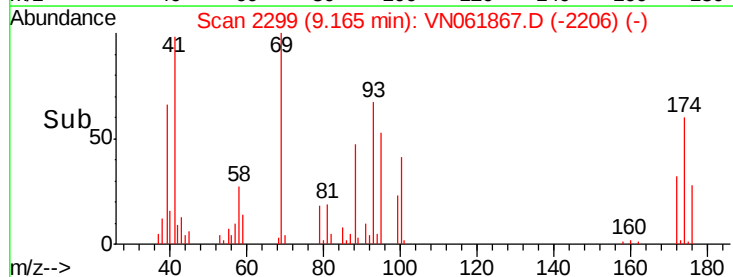
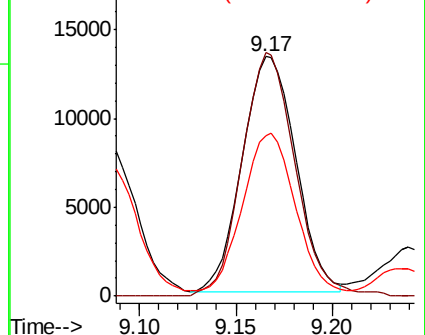
39 66.1 55.1 82.7



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

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

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

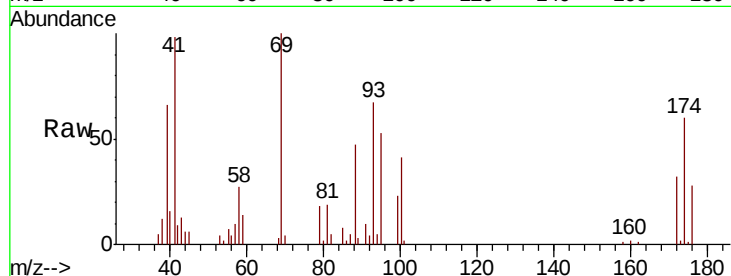




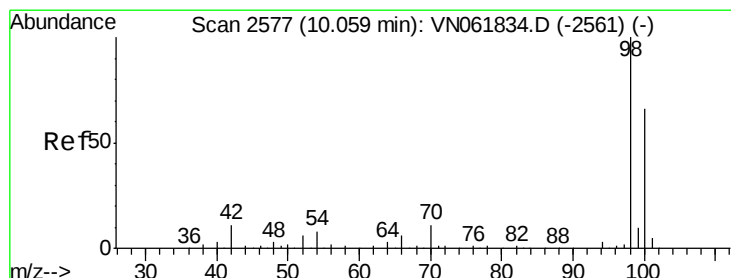
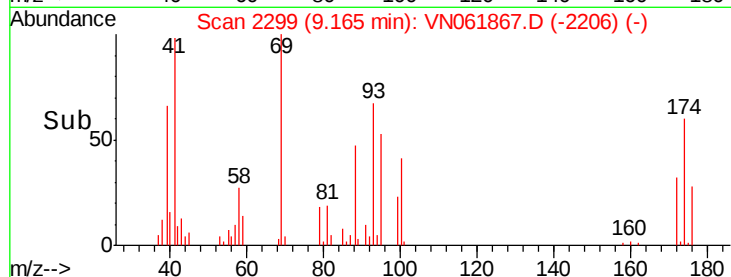
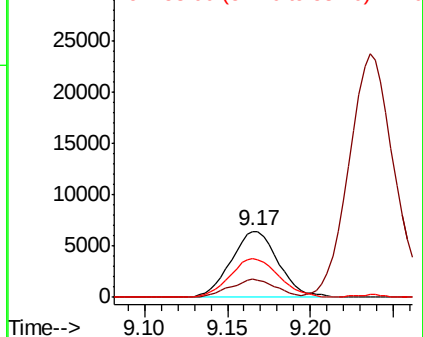
#49
1,4-Dioxane
Concen: 377.281 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion: 88 Resp: 12724
Ion Ratio Lower Upper
88 100
43 26.7 23.4 35.2
58 60.6 49.8 74.6

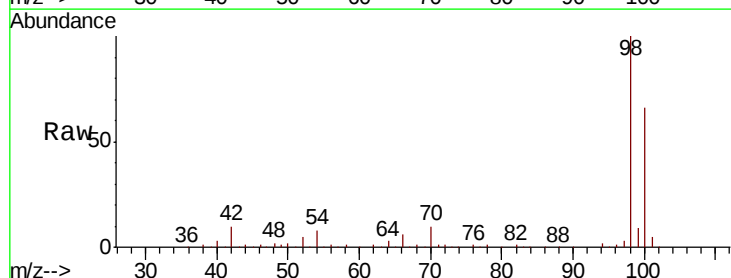


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

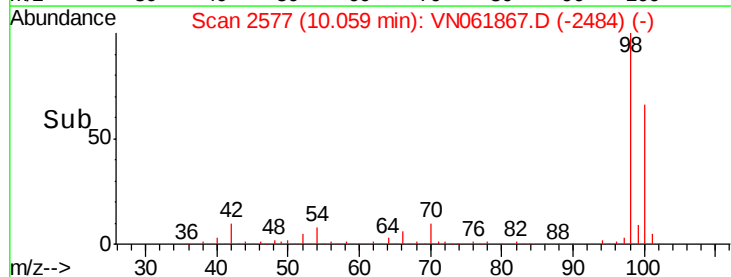
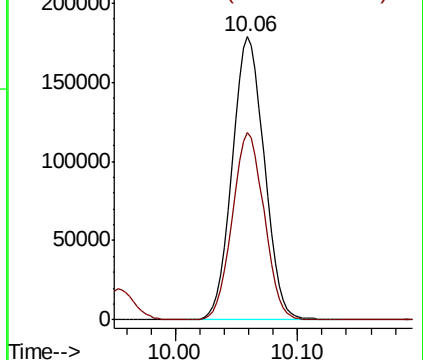


#50
Toluene-d8
Concen: 48.188 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion: 98 Resp: 326150
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1



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





#51

4-Methyl-2-Pentanone

Concen: 90.275 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampled :

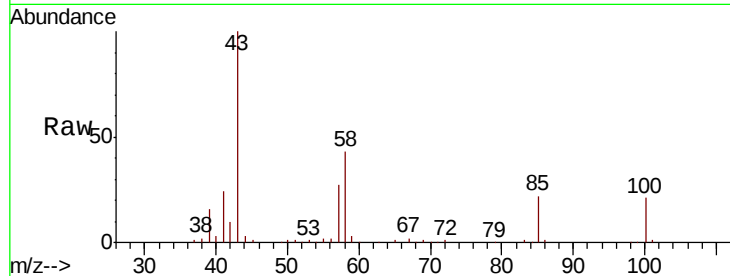
VN0617WBS02

Tot Ion: 43 Resp: 172318

Ion Ratio Lower Upper

43 100

58 43.3 34.6 52.0



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

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

9.95

100000

80000

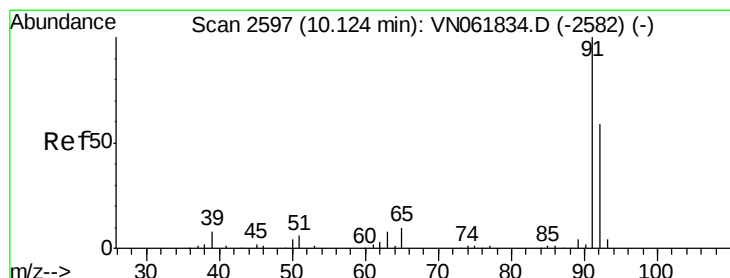
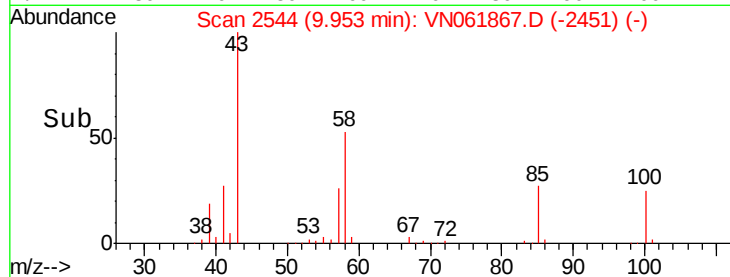
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 18.783 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061867.D

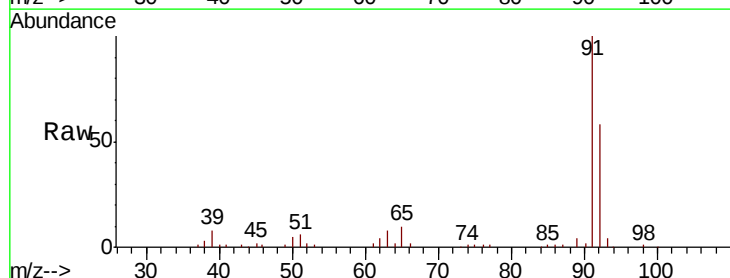
Acq: 17 Jun 2020 23:28

Tgt Ion: 92 Resp: 87711

Ion Ratio Lower Upper

92 100

91 172.0 137.1 205.7



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

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

10.12

100000

80000

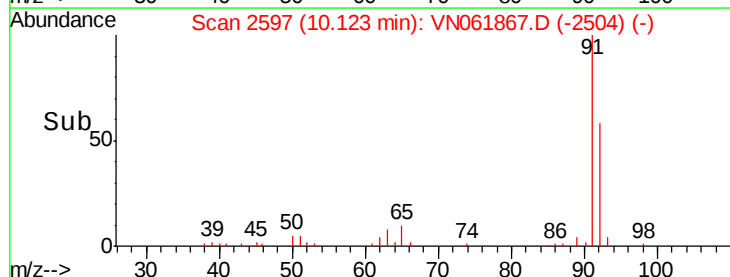
60000

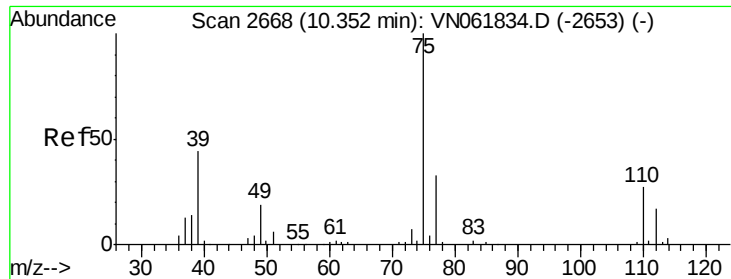
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.232 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

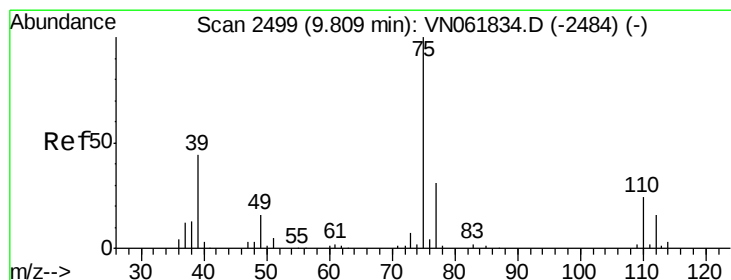
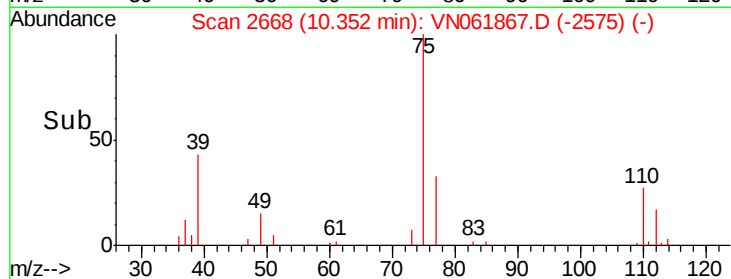
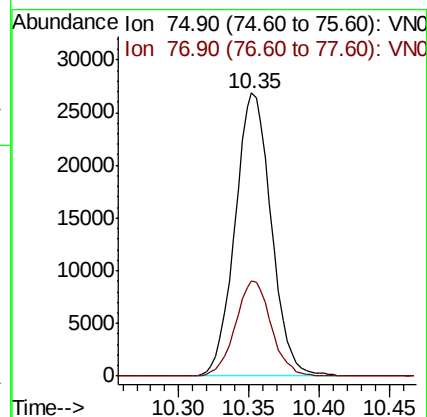
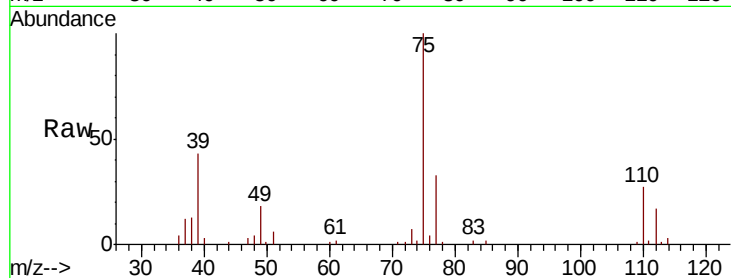
VN0617WBS02

Tot Ion: 75 Resp: 48198

Ion Ratio Lower Upper

75 100

77 33.4 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 17.693 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

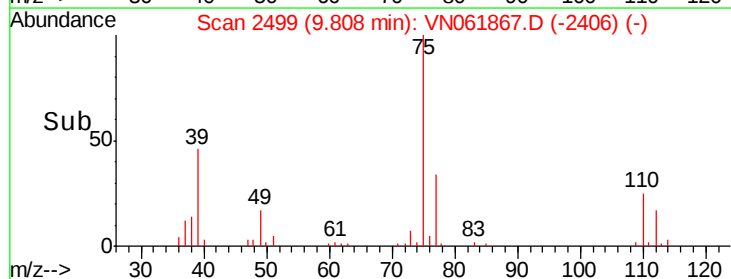
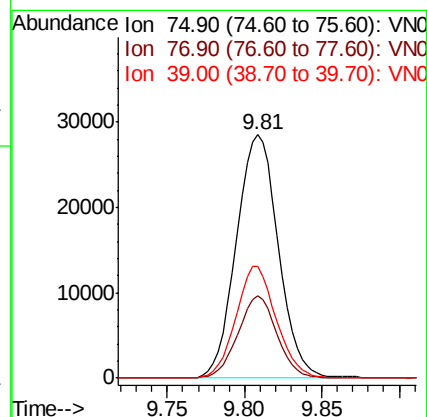
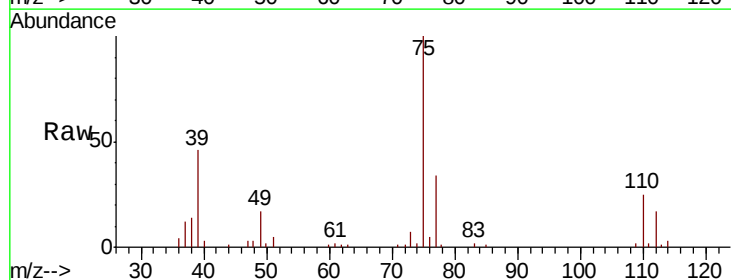
Tgt Ion: 75 Resp: 53752

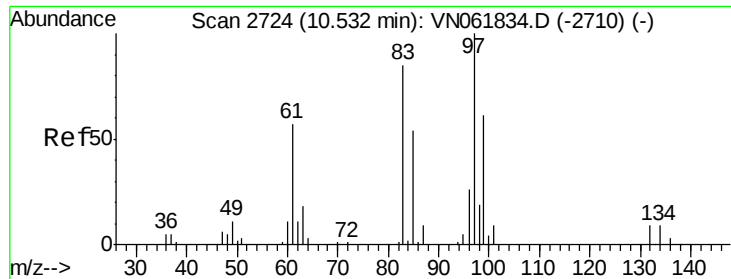
Ion Ratio Lower Upper

75 100

77 33.6 24.8 37.2

39 45.7 35.4 53.0

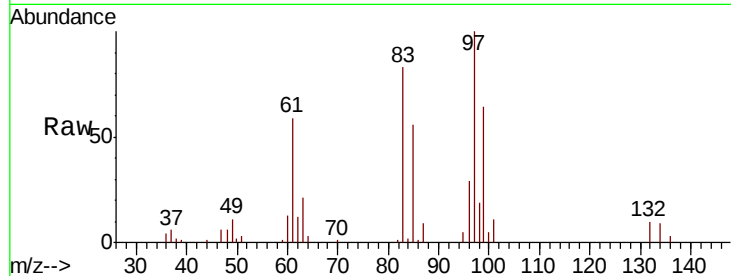




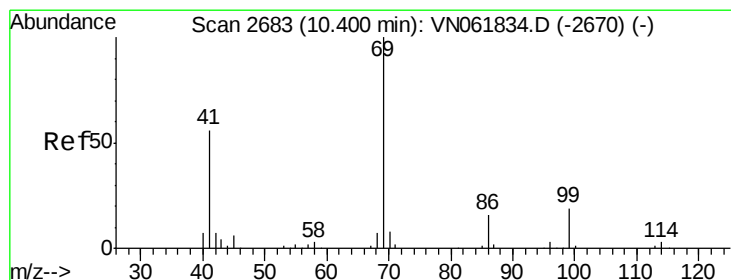
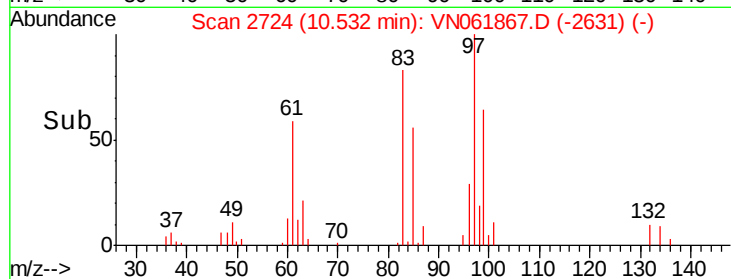
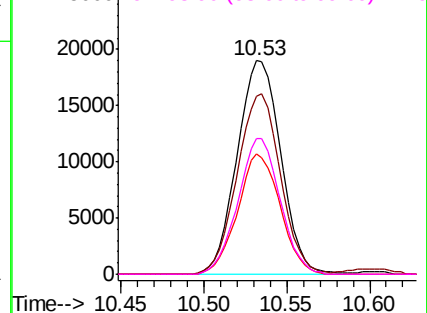
#55
 1,1,2-Trichloroethane
 Concen: 18.916 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Tot Ion: 97 Resp: 34753
 Ion Ratio Lower Upper
 97 100
 83 83.4 67.7 101.5
 85 56.5 43.4 65.0
 99 63.8 48.8 73.2

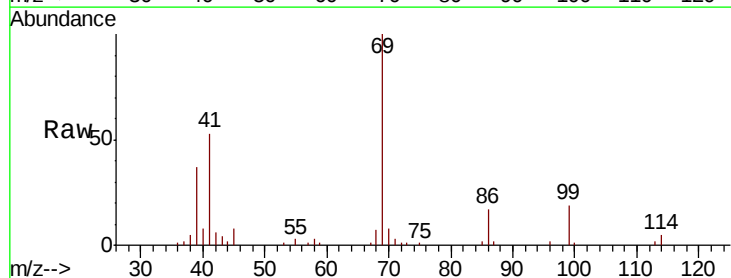


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

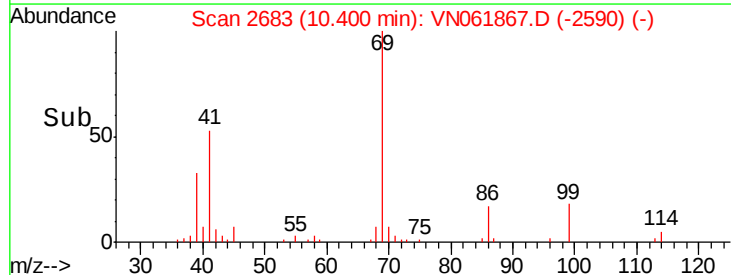
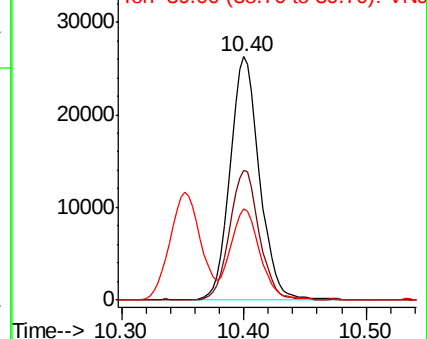


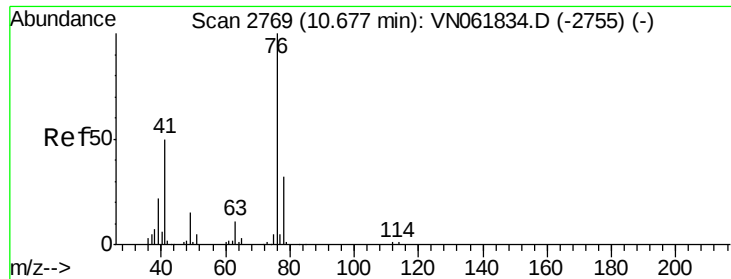
#56
 Ethyl methacrylate
 Concen: 17.796 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion: 69 Resp: 44372
 Ion Ratio Lower Upper
 69 100
 41 53.8 44.9 67.3
 39 38.0 30.0 45.0



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

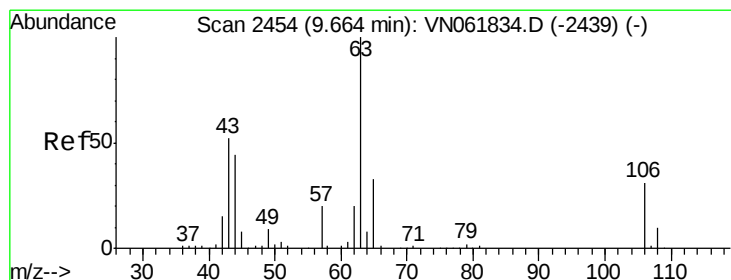
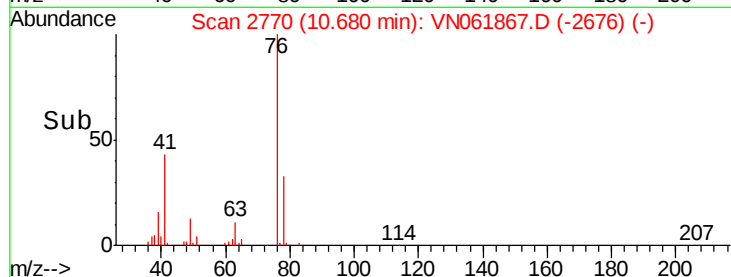
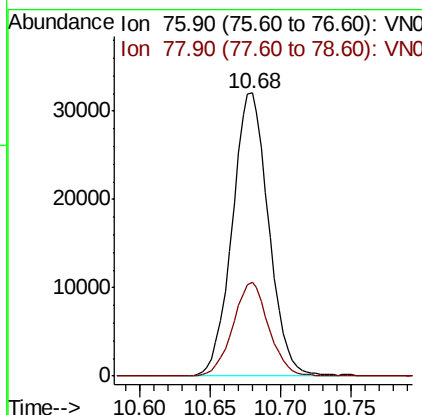
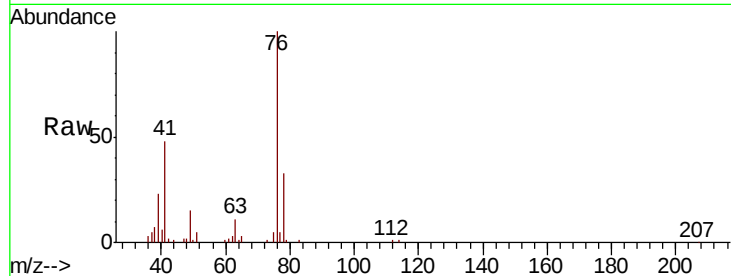




#57
 1,3-Dichloropropane
 Concen: 18.568 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

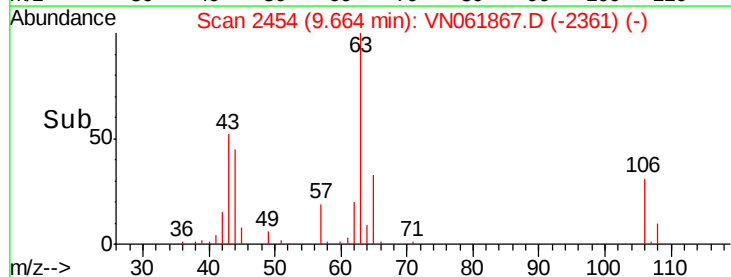
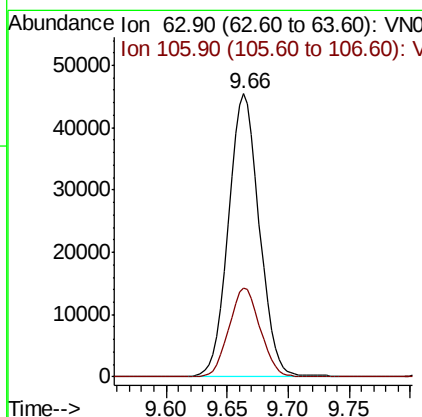
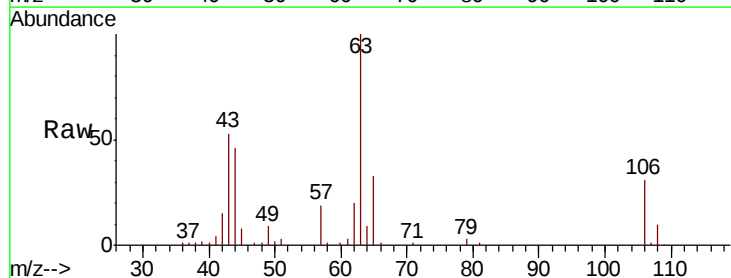
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

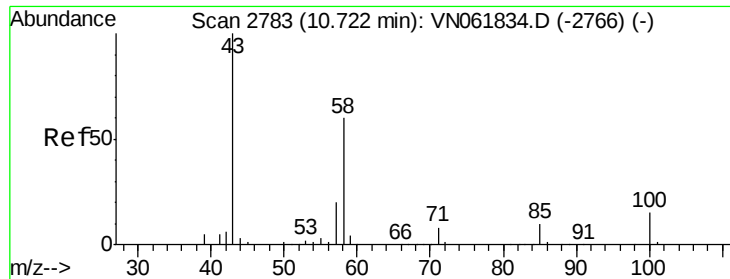
Tot Ion: 76 Resp: 57795
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.807 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion: 63 Resp: 80293
 Ion Ratio Lower Upper
 63 100
 106 31.7 24.6 36.8

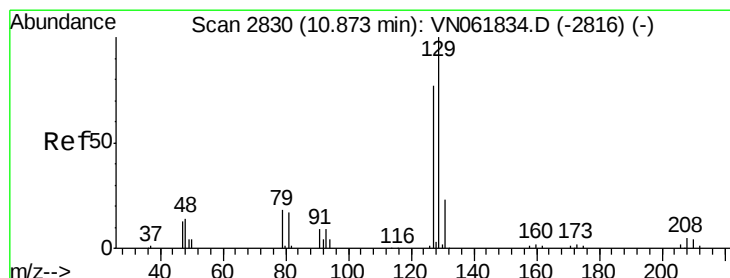
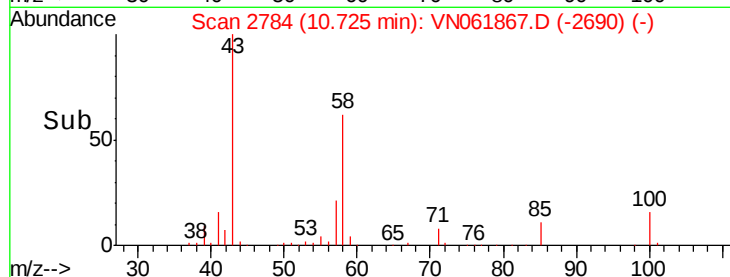
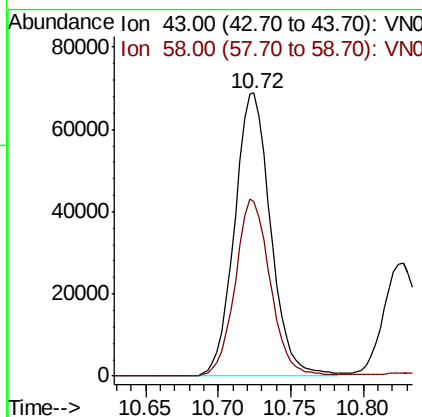
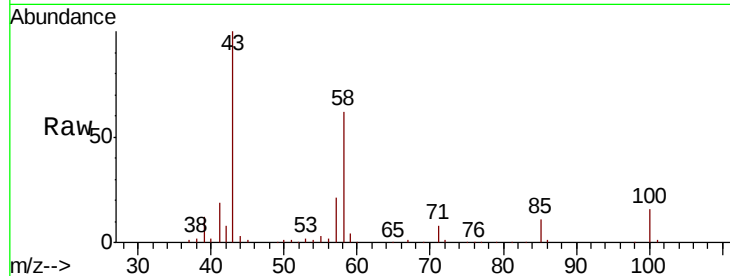




#59
2-Hexanone
Concen: 87.428 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

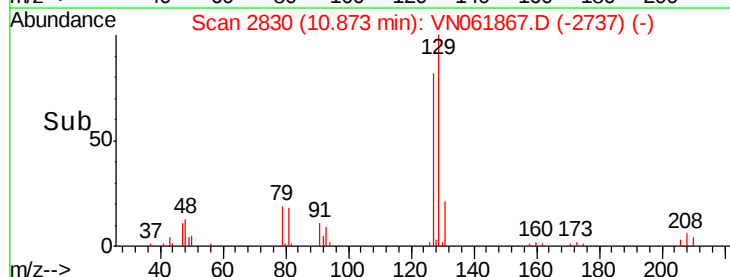
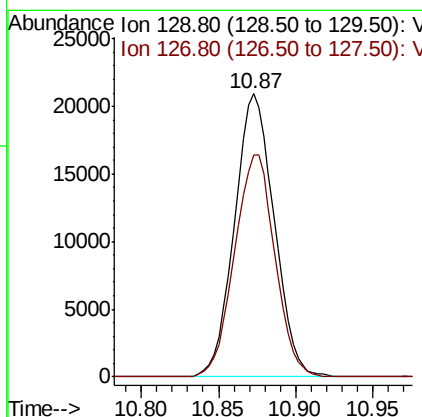
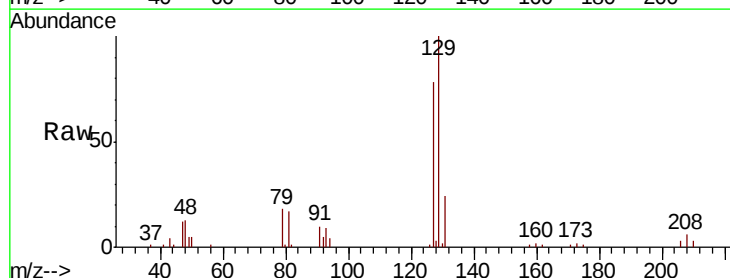
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion: 43 Resp: 119277
Ion Ratio Lower Upper
43 100
58 60.8 30.1 90.5



#60
Dibromochloromethane
Concen: 18.205 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion: 129 Resp: 37322
Ion Ratio Lower Upper
129 100
127 79.8 38.5 115.5

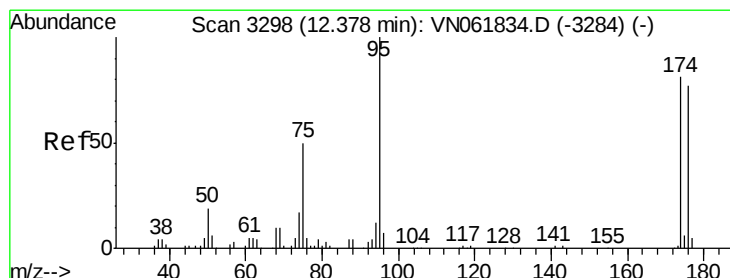
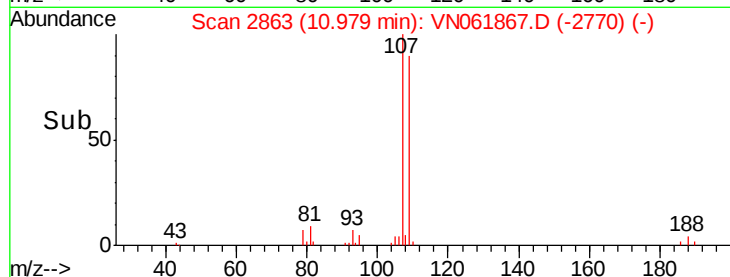
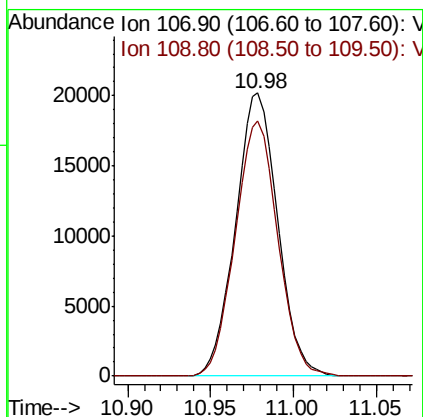
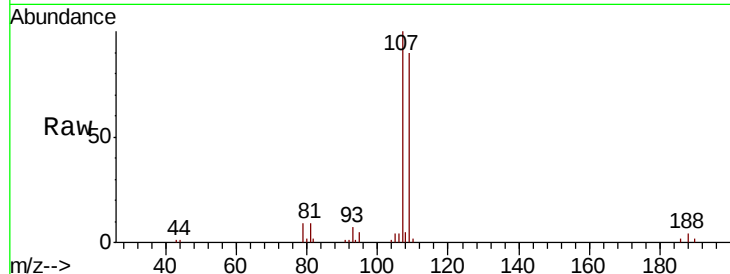




#61
 1,2-Dibromoethane
 Concen: 18.654 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

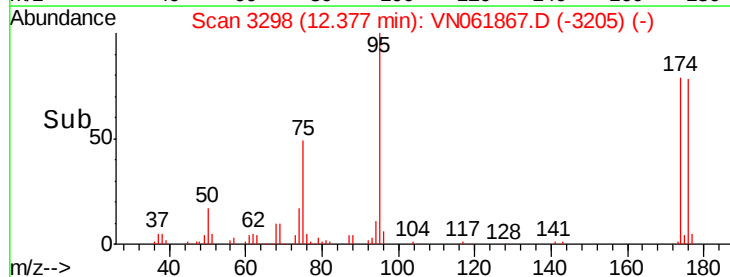
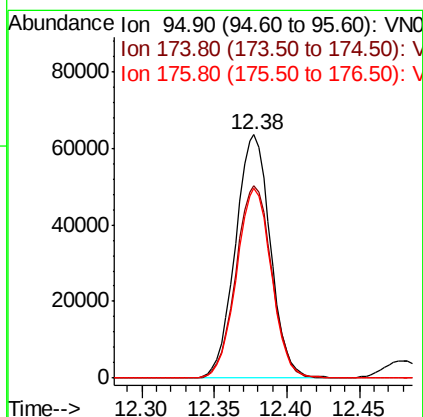
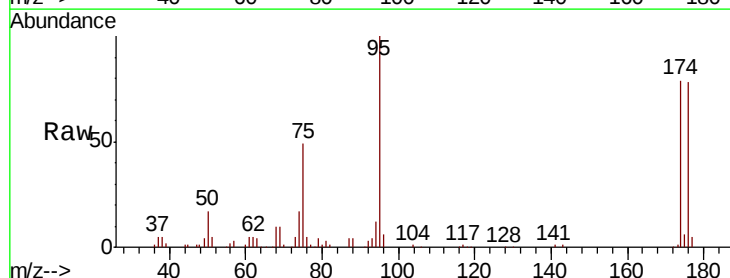
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Tot Ion: 107 Resp: 35787
 Ion Ratio Lower Upper
 107 100
 109 90.9 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 45.849 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion: 95 Resp: 106443
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 158.6
 176 78.0 0.0 152.0

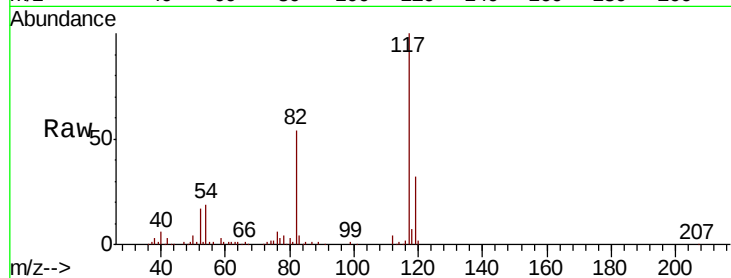




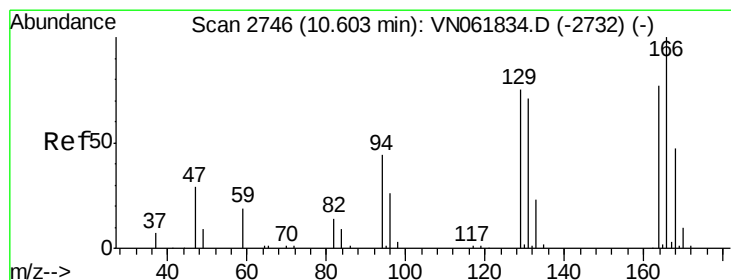
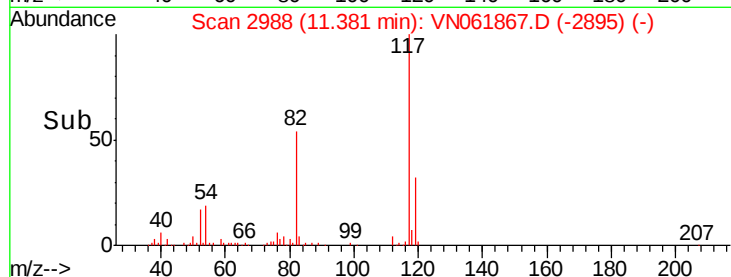
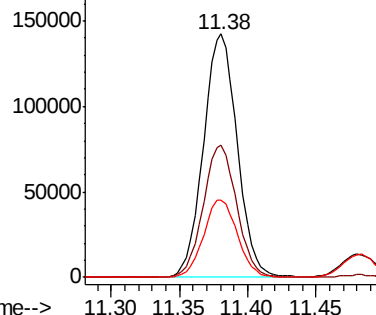
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion:117 Resp: 245021
Ion Ratio Lower Upper
117 100
82 54.1 42.6 64.0
119 31.9 24.7 37.1

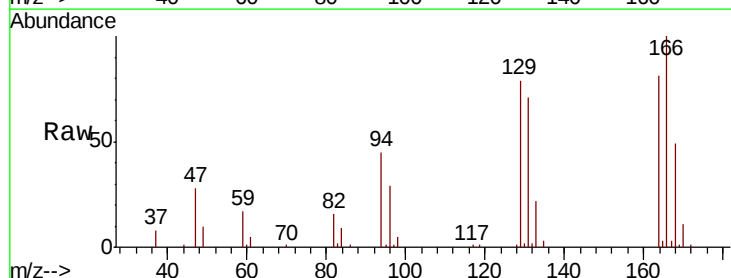


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

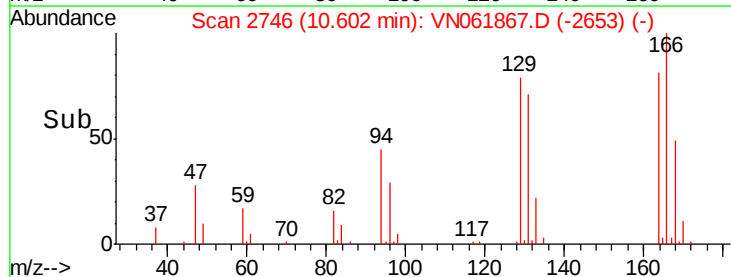
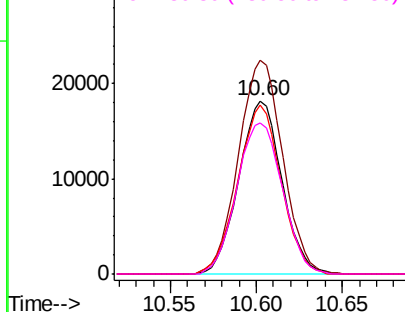


#64
Tetrachloroethene
Concen: 20.208 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion:164 Resp: 31558
Ion Ratio Lower Upper
164 100
166 123.4 103.5 155.3
129 97.4 77.5 116.3
131 87.2 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

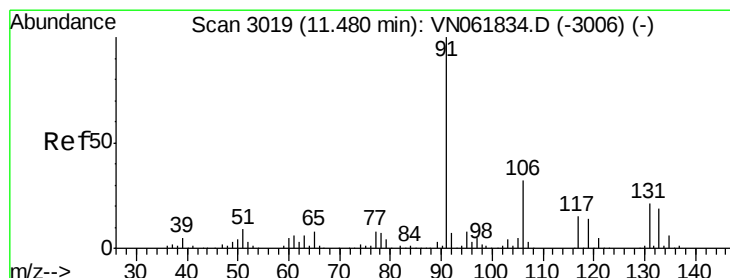
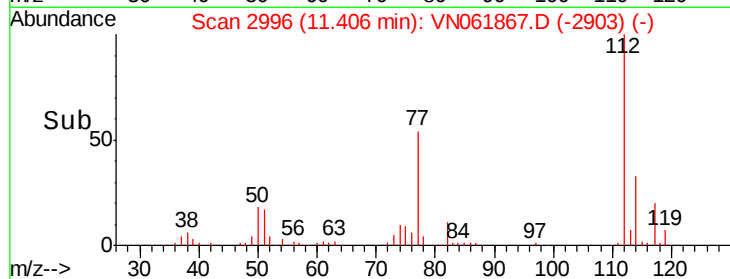
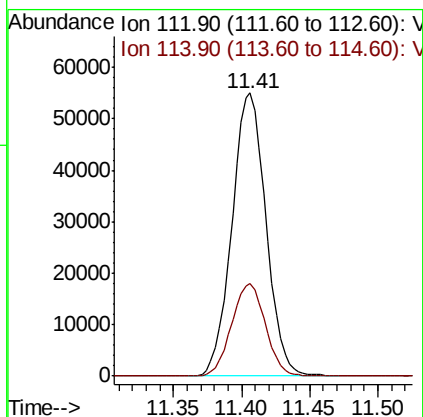
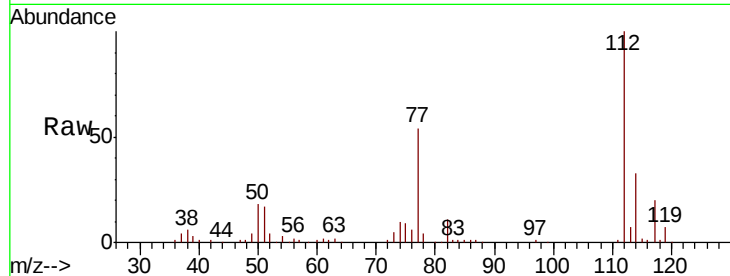




#65
Chlorobenzene
Concen: 18.415 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

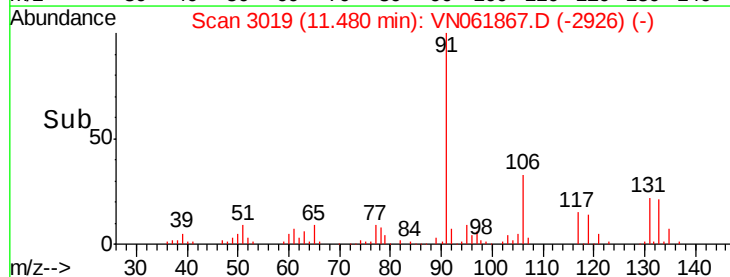
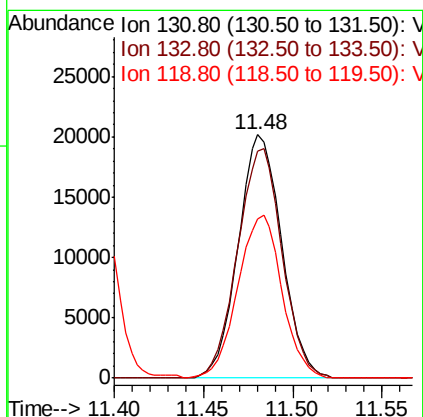
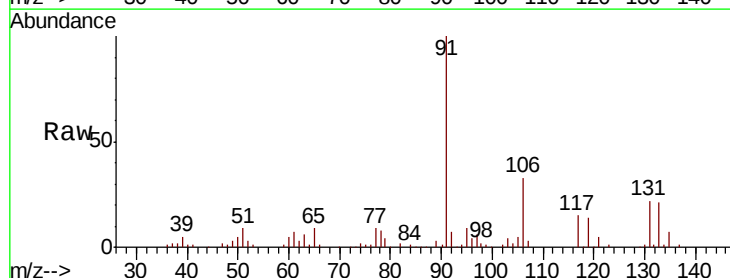
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion:112 Resp: 95208
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.981 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion:131 Resp: 34226
Ion Ratio Lower Upper
131 100
133 96.6 47.5 142.5
119 67.8 34.0 101.8

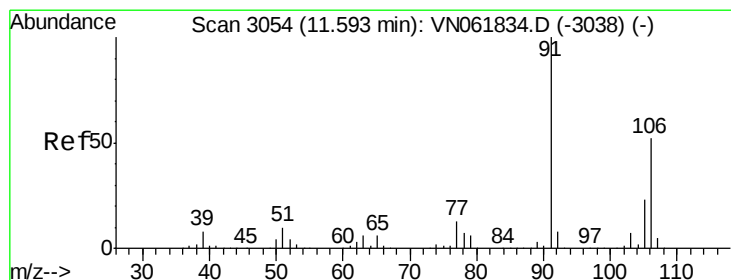
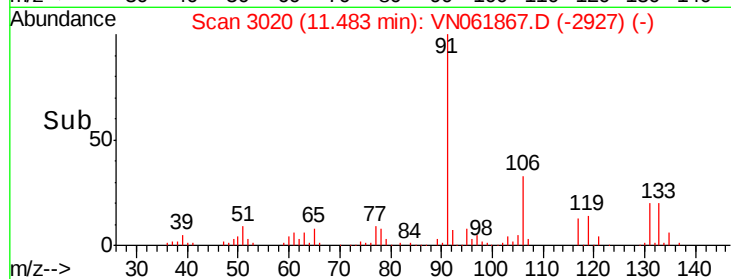
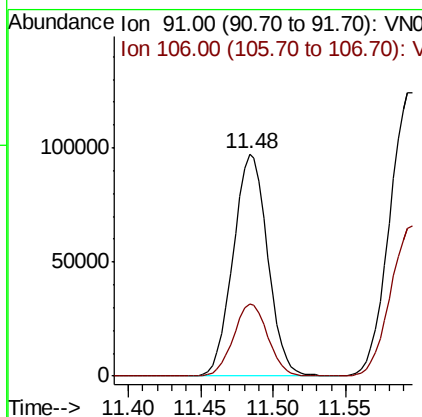
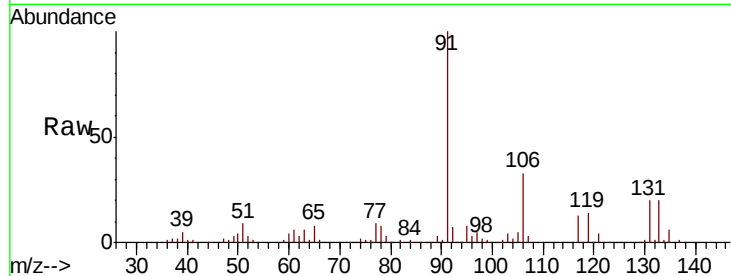




#67
Ethyl Benzene
Concen: 18.587 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

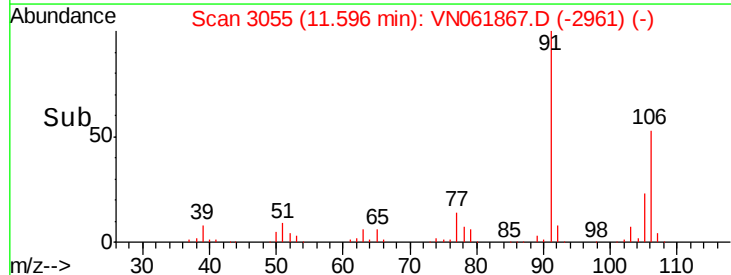
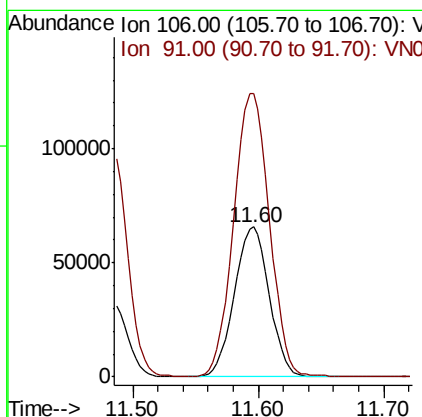
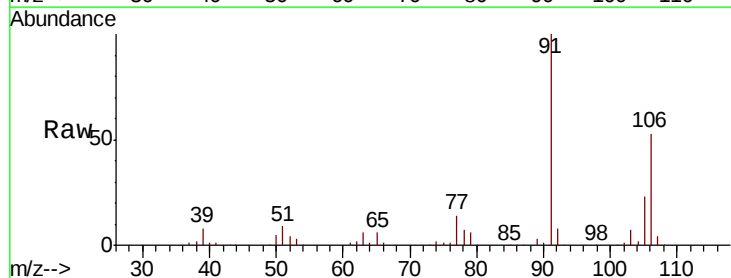
Instrument :
MSVOA_N
ClientSampled :
VN0617WBS02

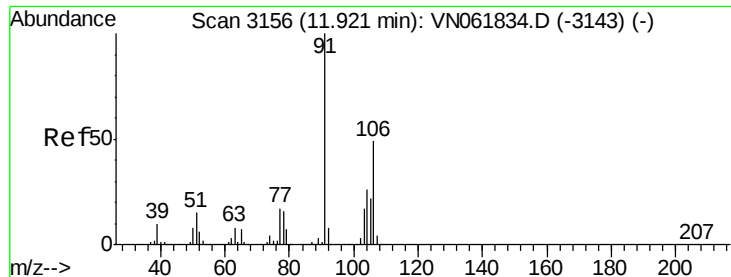
Tot Ion: 91 Resp: 161117
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.2



#68
m/p-Xylenes
Concen: 37.878 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion: 106 Resp: 126609
Ion Ratio Lower Upper
106 100
91 194.3 157.0 235.6

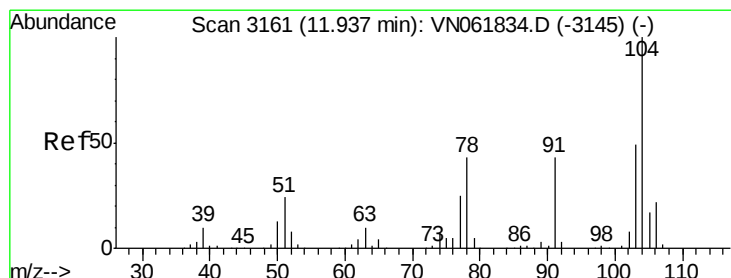
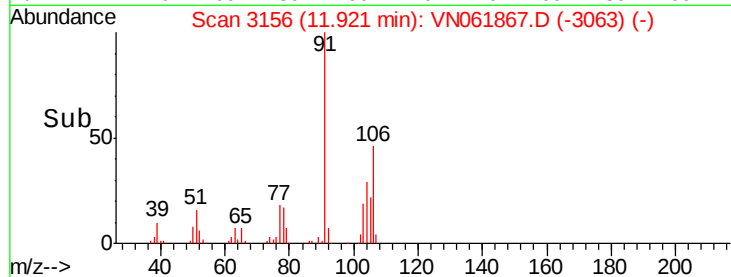
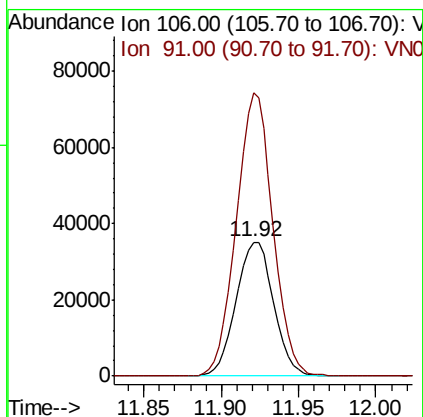
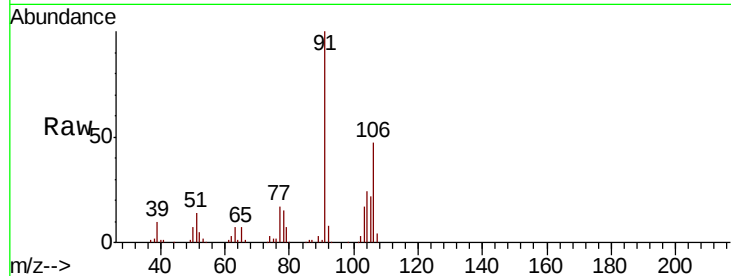




#69
o-Xylene
Concen: 18.656 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

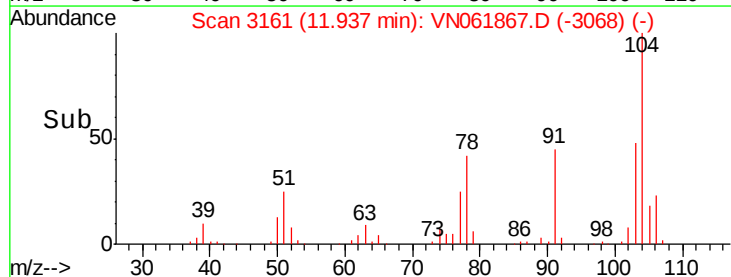
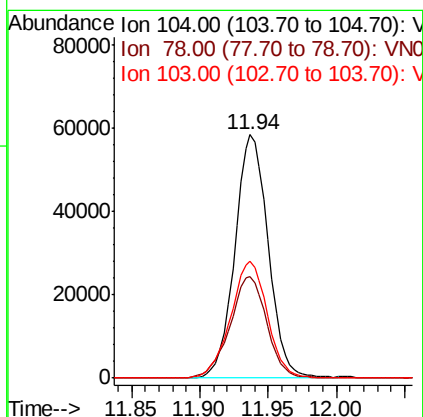
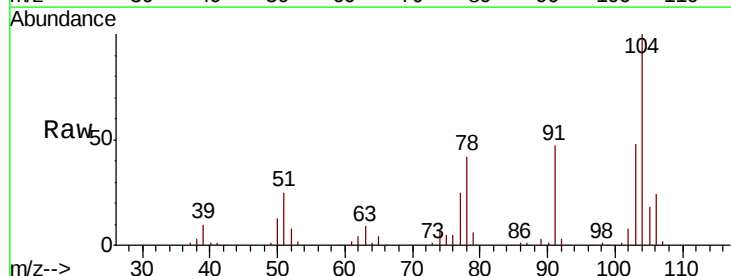
Instrument :
MSVOA_N
ClientSampled :
VN0617WBS02

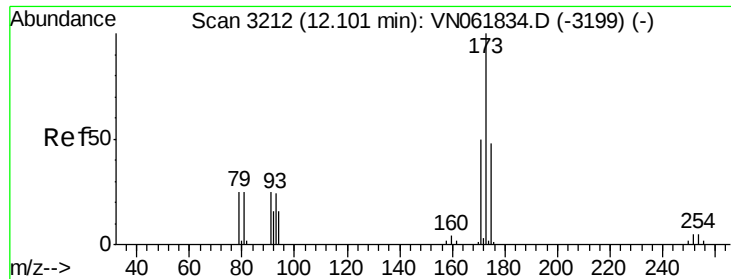
Tot Ion:106 Resp: 59499
Ion Ratio Lower Upper
106 100
91 204.7 103.0 308.9



#70
Styrene
Concen: 18.560 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion:104 Resp: 99113
Ion Ratio Lower Upper
104 100
78 46.0 37.6 56.4
103 52.7 43.0 64.4

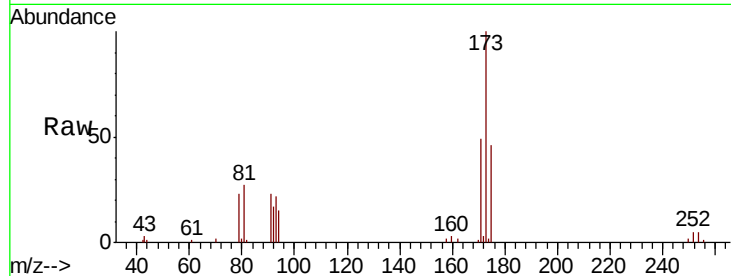




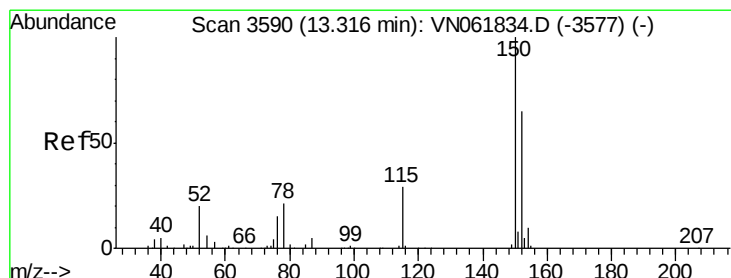
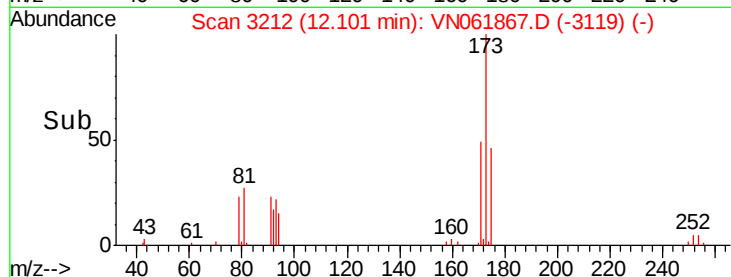
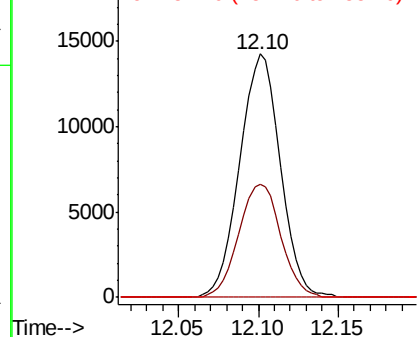
#71
Bromoform
Concen: 18.779 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion:173 Resp: 24690
Ion Ratio Lower Upper
173 100
175 48.0 23.9 71.7
254 0.0 0.0 0.0

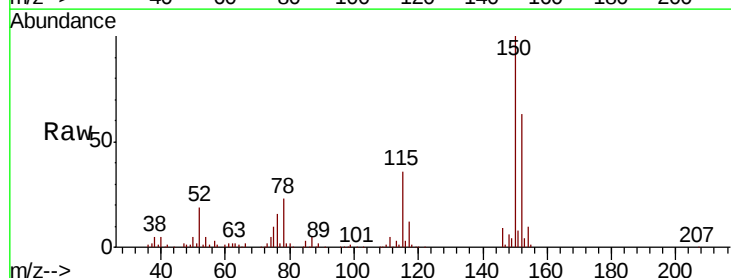


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

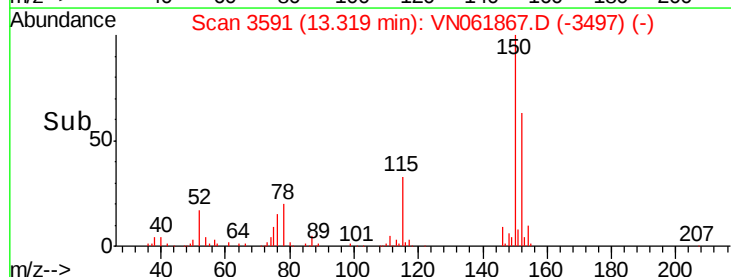
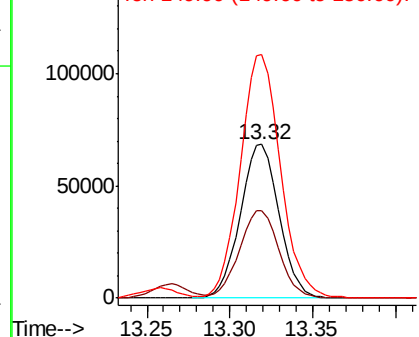


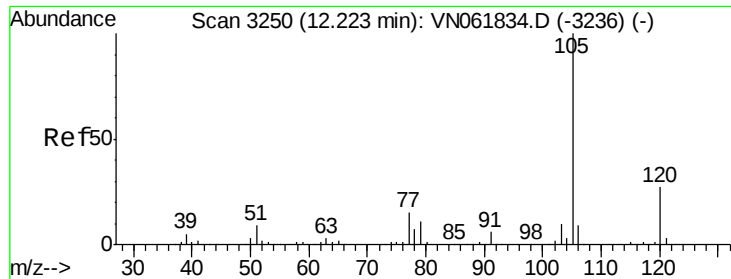
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion:152 Resp: 111236
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.3
150 165.1 0.0 347.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.660 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampled :

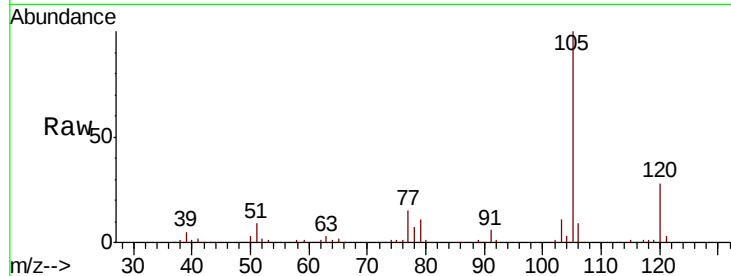
VN0617WBS02

Tot Ion:105 Resp: 155402

Ion Ratio Lower Upper

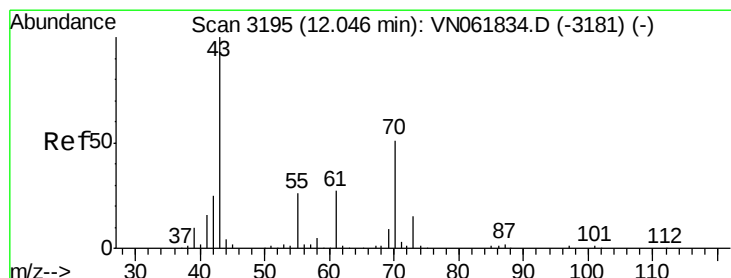
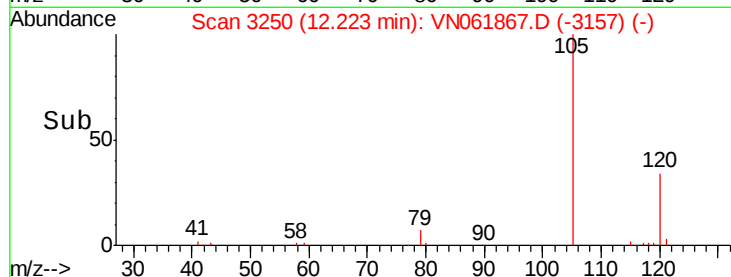
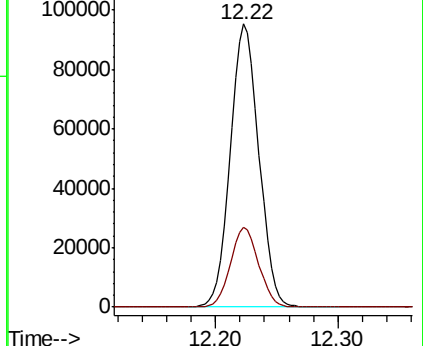
105 100

120 27.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.871 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Tgt Ion: 43 Resp: 45153

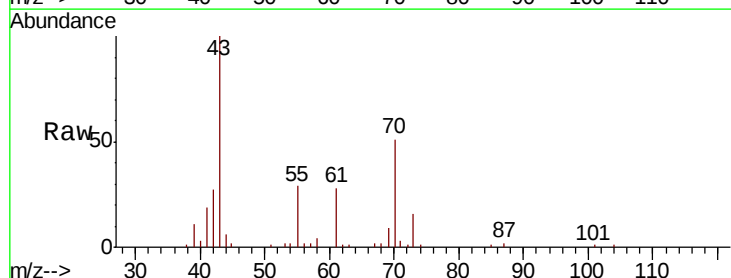
Ion Ratio Lower Upper

43 100

70 50.6 40.6 60.8

55 29.2 21.5 32.3

61 27.0 21.6 32.4

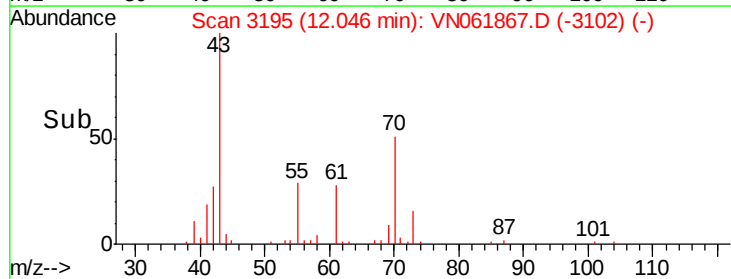
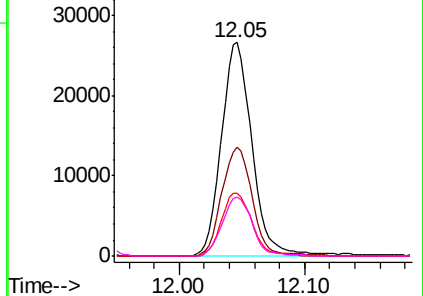


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.083 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS02

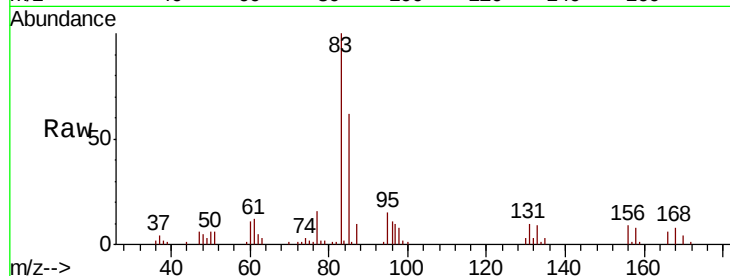
Tot Ion: 83 Resp: 49042

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

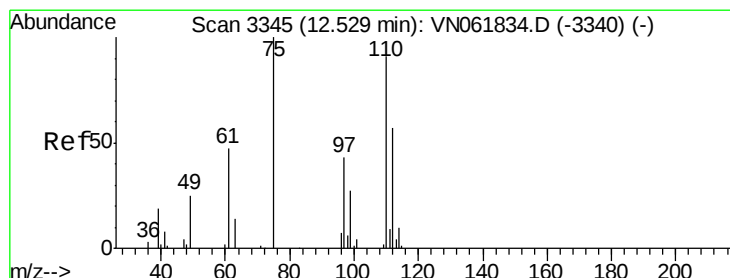
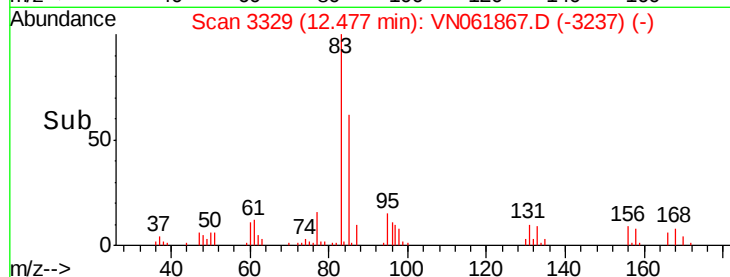
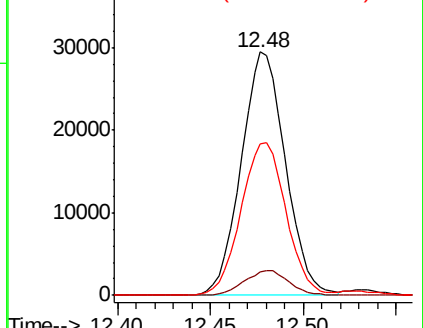
85 63.8 32.4 97.2



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

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

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



#76

1,2,3-Trichloropropane

Concen: 26.472 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061867.D

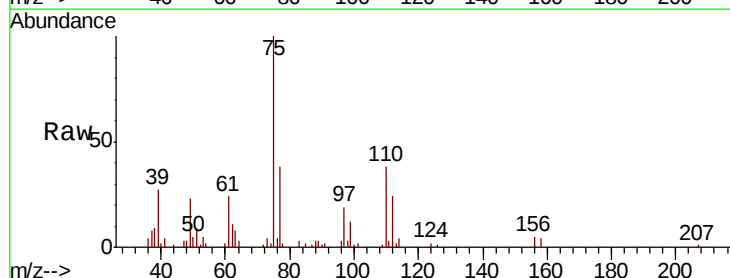
Acq: 17 Jun 2020 23:28

Tgt Ion: 75 Resp: 57810

Ion Ratio Lower Upper

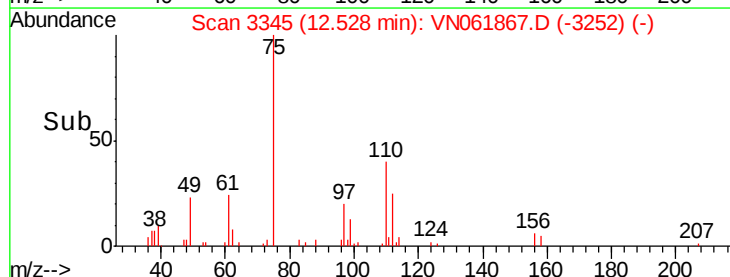
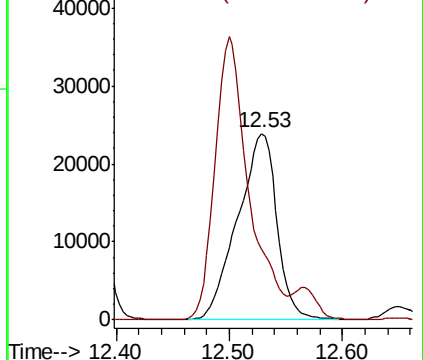
75 100

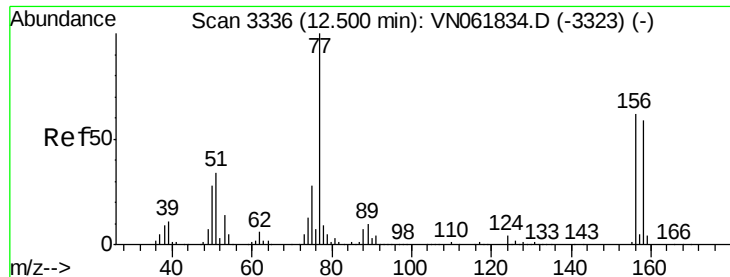
77 0.0 0.0 0.0



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

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





#77

Bromobenzene

Concen: 19.813 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS02

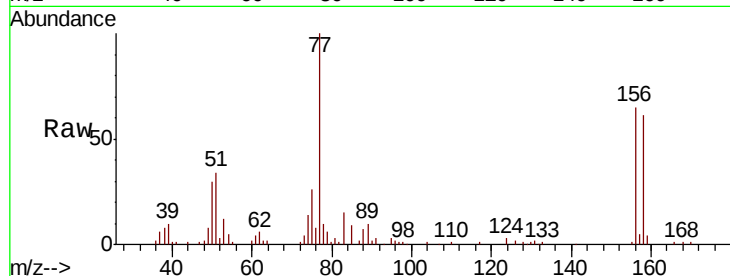
Tot Ion:156 Resp: 39511

Ion Ratio Lower Upper

156 100

77 191.0 100.7 302.1

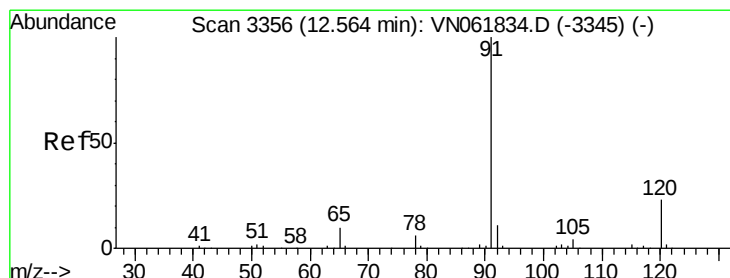
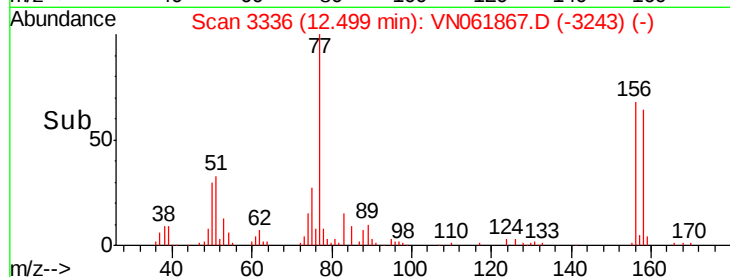
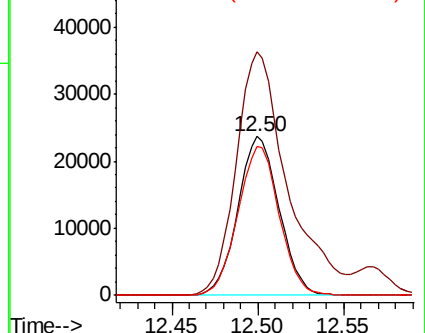
158 94.0 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.198 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061867.D

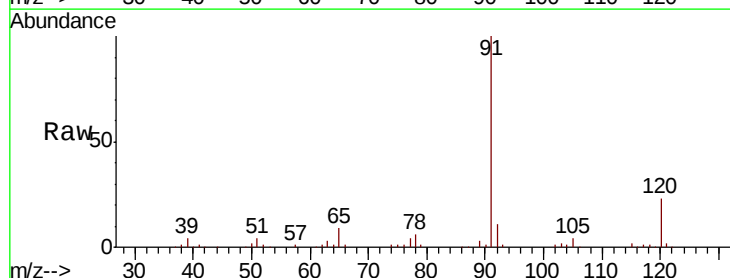
Acq: 17 Jun 2020 23:28

Tgt Ion: 91 Resp: 173158

Ion Ratio Lower Upper

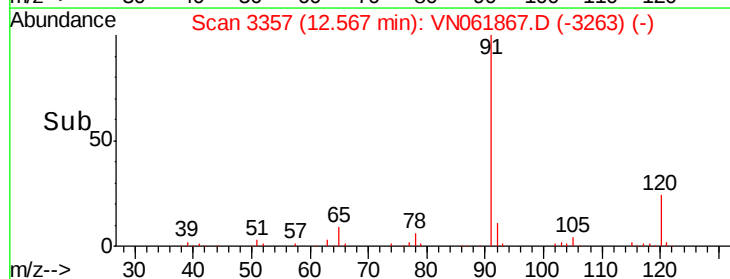
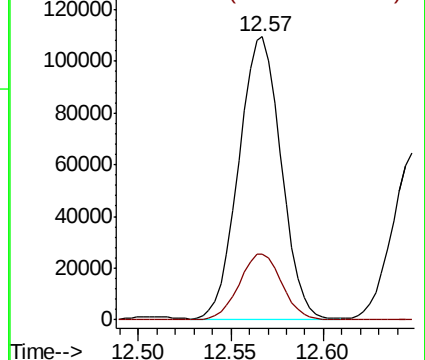
91 100

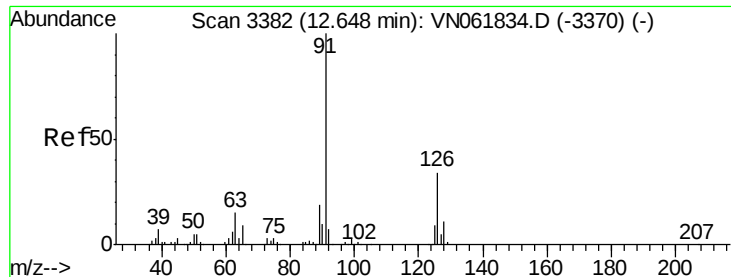
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

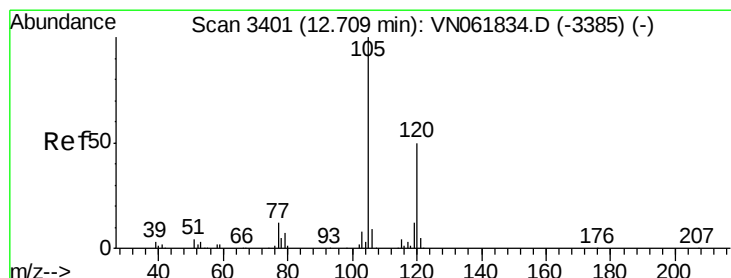
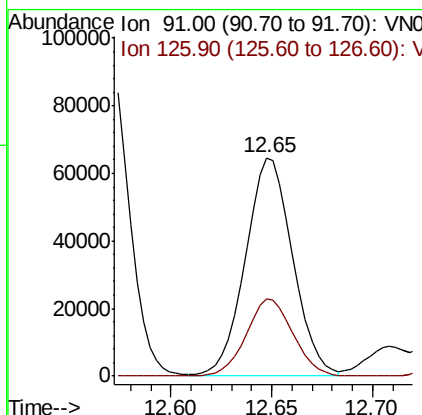
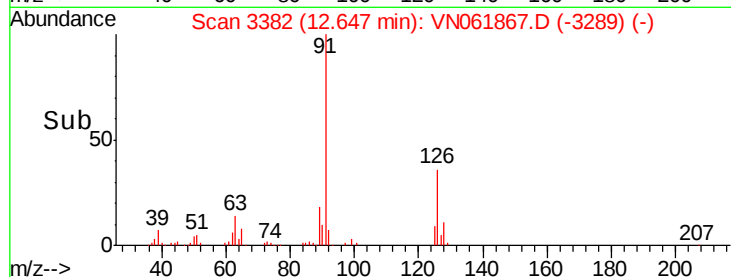
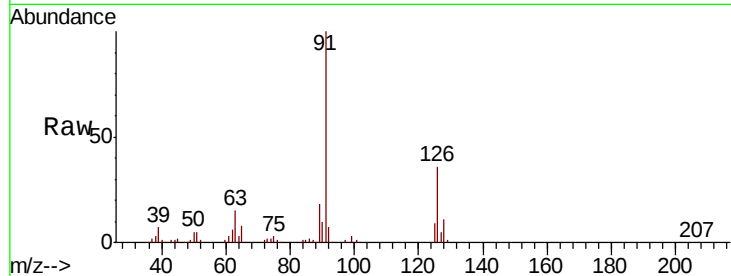




#79
 2-Chlorotoluene
 Concen: 19.390 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

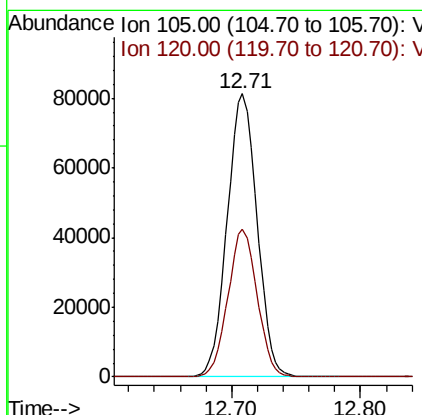
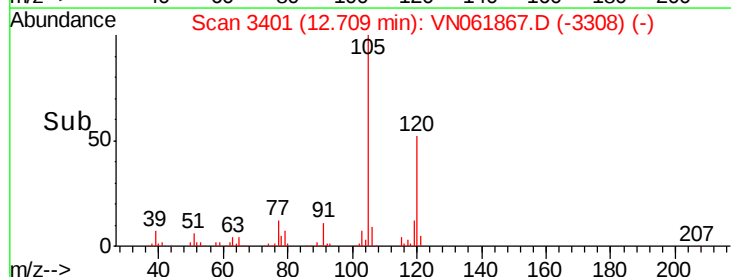
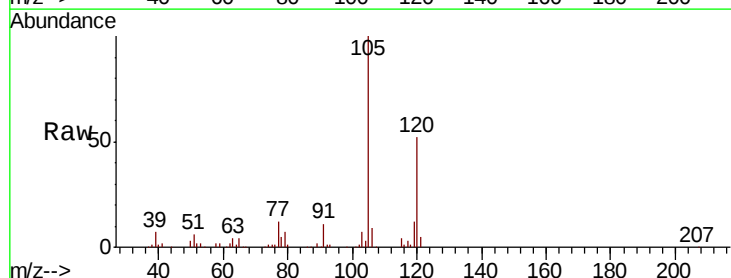
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Tot Ion: 91 Resp: 105038
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.966 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion: 105 Resp: 130573
 Ion Ratio Lower Upper
 105 100
 120 51.0 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 17.245 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampled :

VN0617WBS02

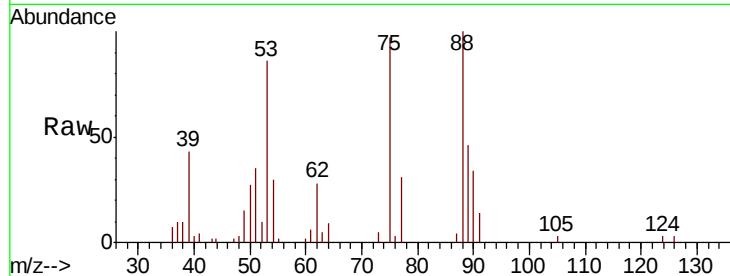
Tot Ion: 75 Resp: 13808

Ion Ratio Lower Upper

75 100

53 90.4 70.4 105.6

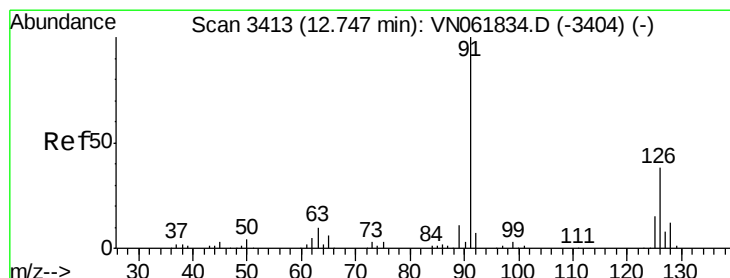
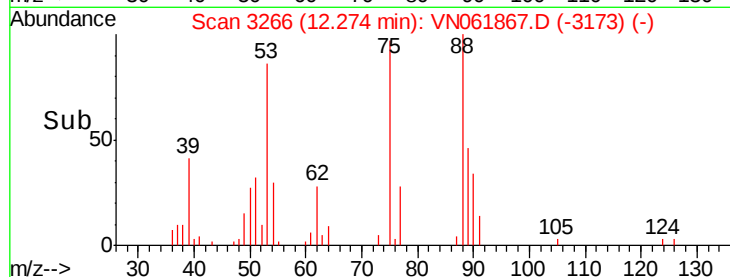
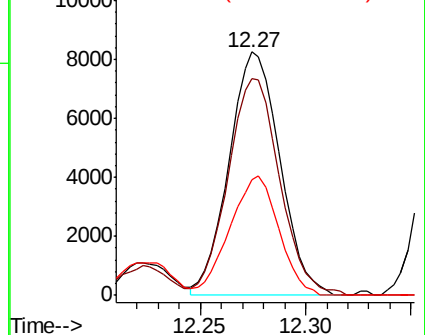
89 47.3 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.609 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061867.D

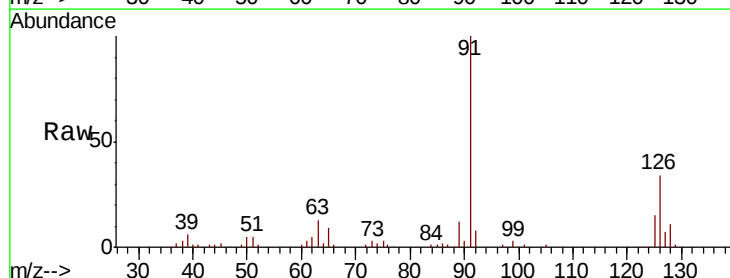
Acq: 17 Jun 2020 23:28

Tgt Ion: 91 Resp: 109762

Ion Ratio Lower Upper

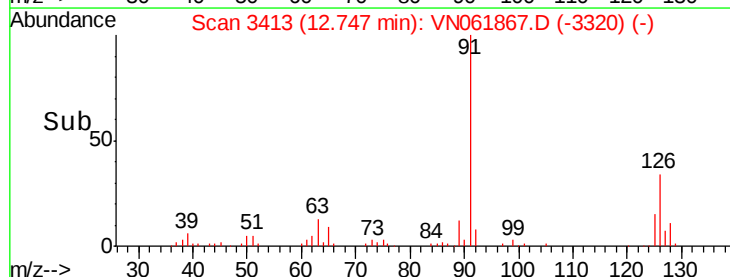
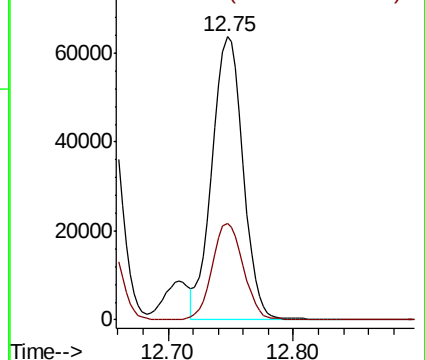
91 100

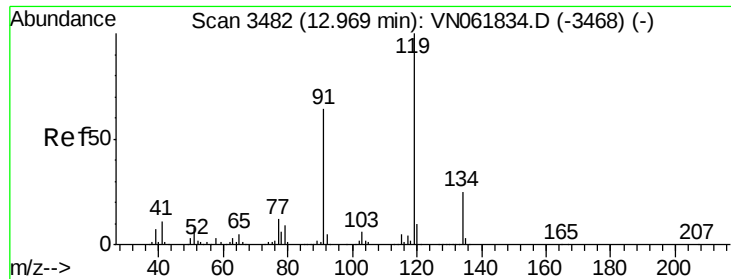
126 34.1 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

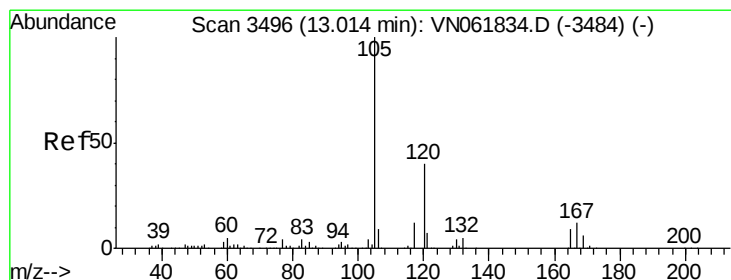
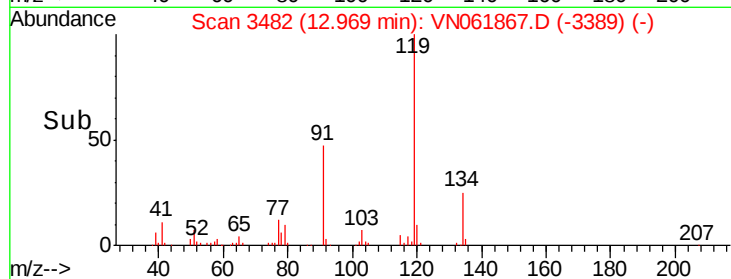
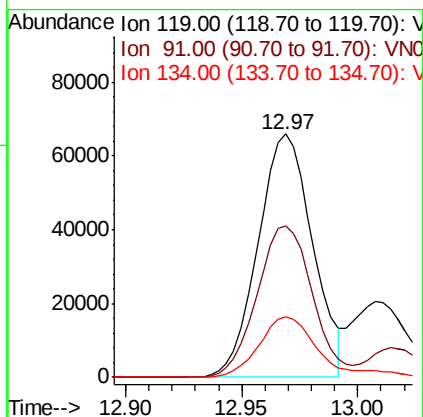
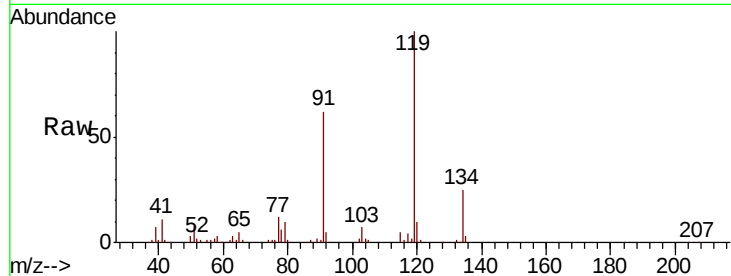




#83
tert-Butylbenzene
Concen: 19.486 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

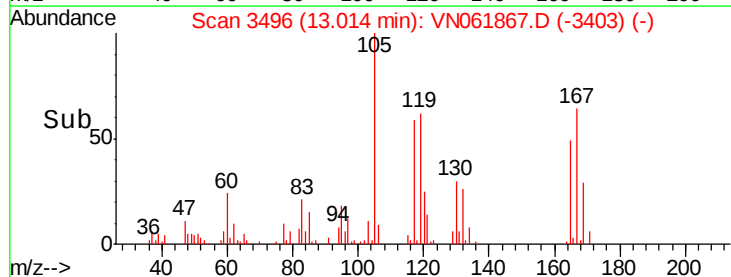
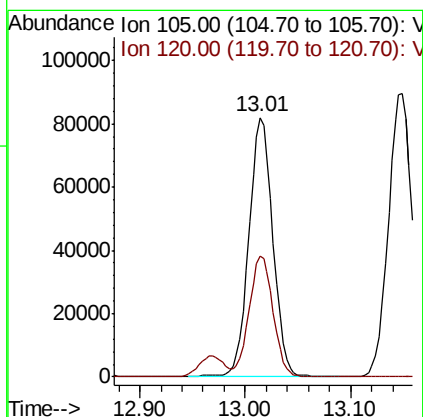
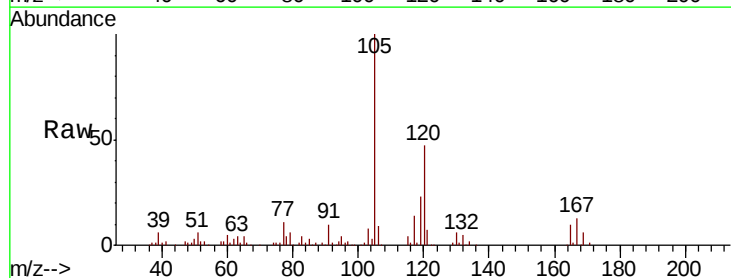
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

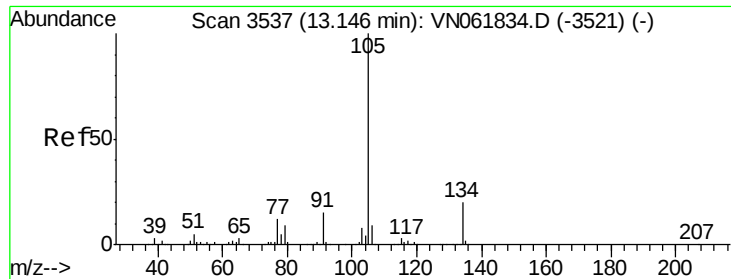
Tot Ion:119 Resp: 108034
Ion Ratio Lower Upper
119 100
91 63.6 31.5 94.5
134 27.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.160 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion:105 Resp: 130144
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.9





#85

sec-Butylbenzene

Concen: 19.748 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

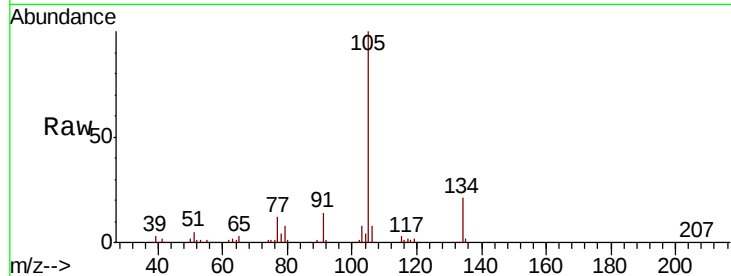
VN0617WBS02

Tot Ion:105 Resp: 143305

Ion Ratio Lower Upper

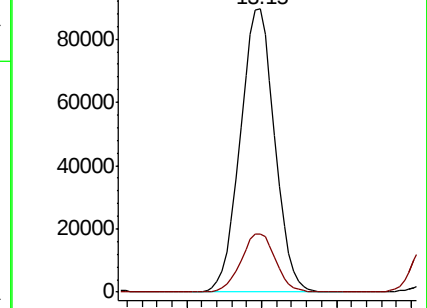
105 100

134 20.7 10.1 30.1

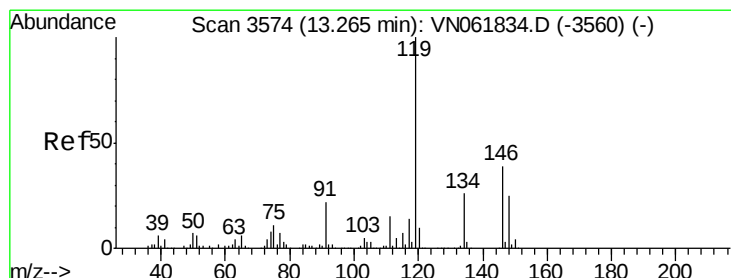
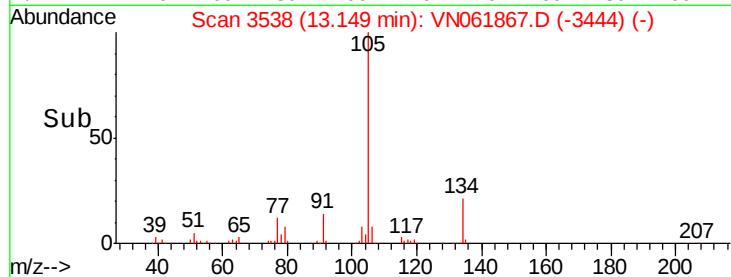


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 19.848 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

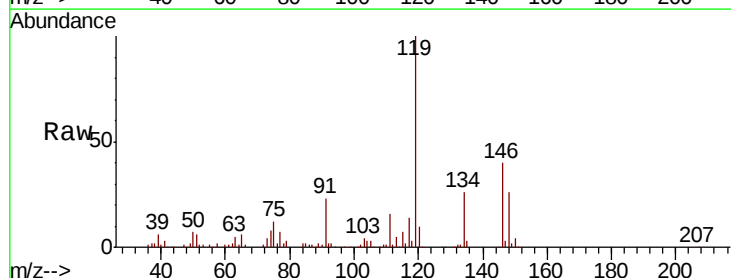
Tgt Ion:119 Resp: 128343

Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.9

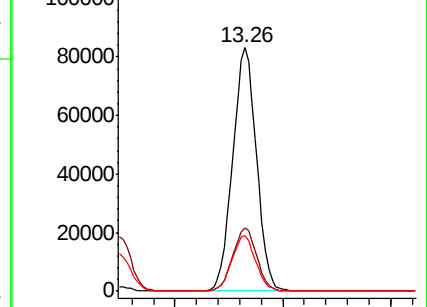
91 22.9 11.2 33.6



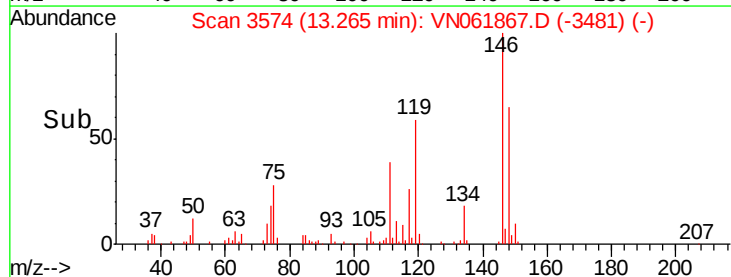
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->

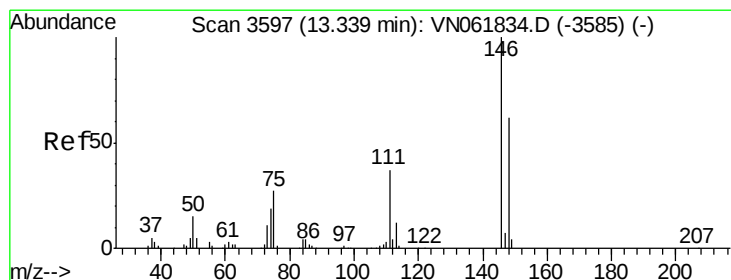
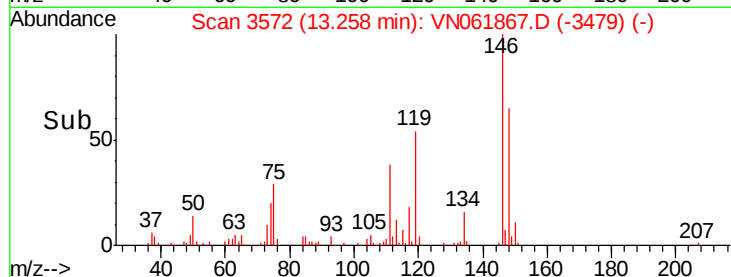
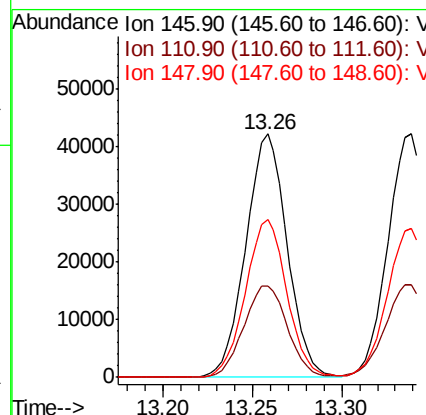
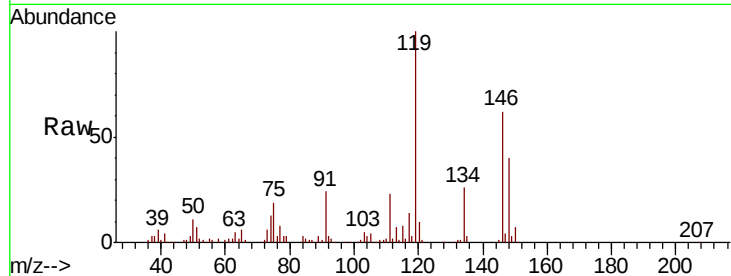




#87
 1,3-Dichlorobenzene
 Concen: 18.763 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

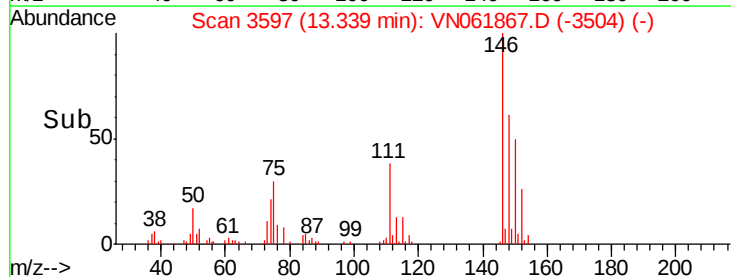
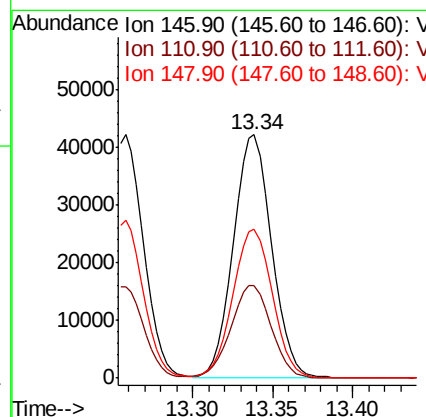
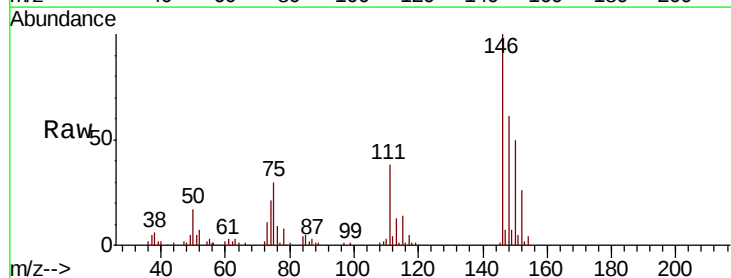
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Tot Ion:146 Resp: 68244
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.8
 148 64.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.479 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion:146 Resp: 68797
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.3 57.8
 148 63.3 31.6 94.7

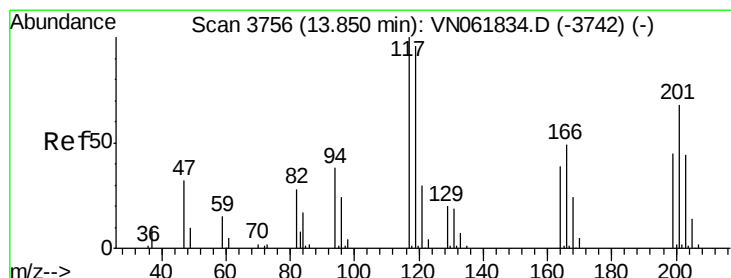
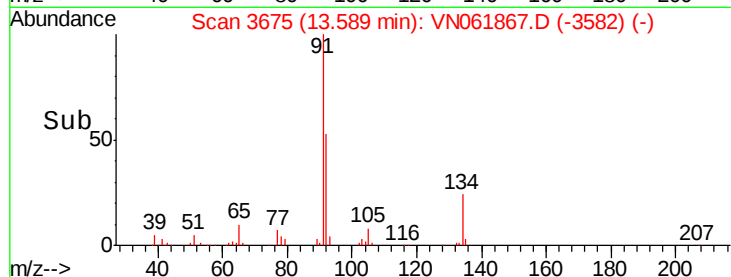
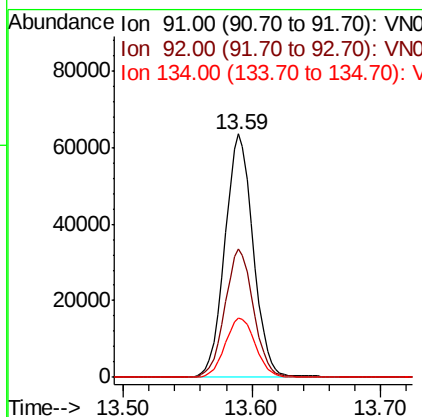
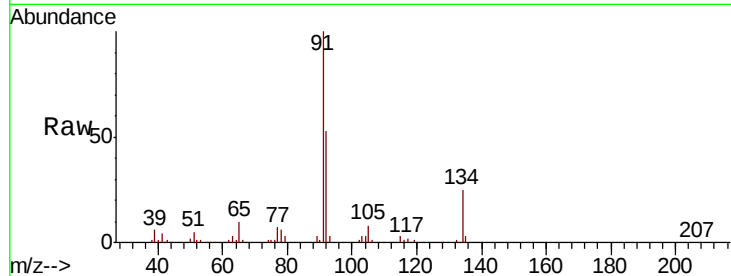




#89
n-Butylbenzene
Concen: 17.908 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

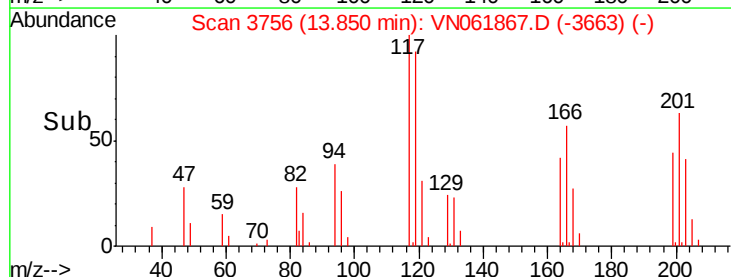
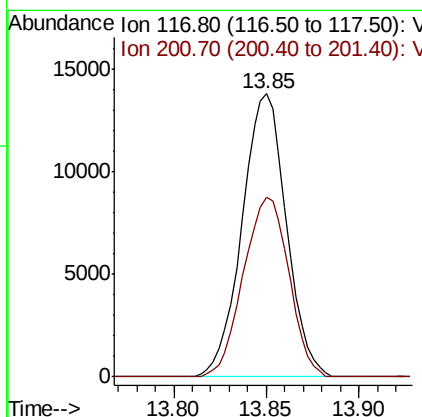
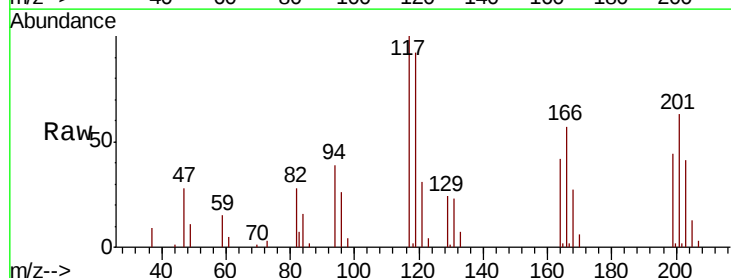
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

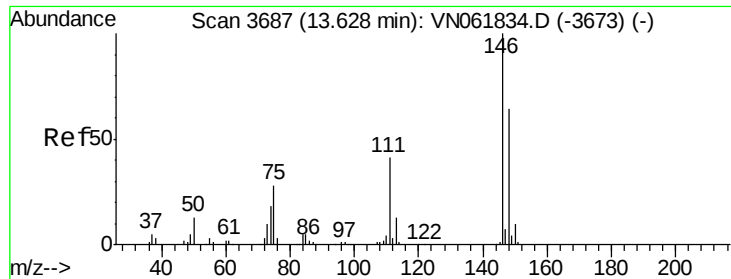
Tot Ion: 91 Resp: 96707
Ion Ratio Lower Upper
91 100
92 53.1 27.0 80.8
134 25.7 13.0 39.0



#90
Hexachloroethane
Concen: 19.355 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion: 117 Resp: 22910
Ion Ratio Lower Upper
117 100
201 65.1 34.6 103.8

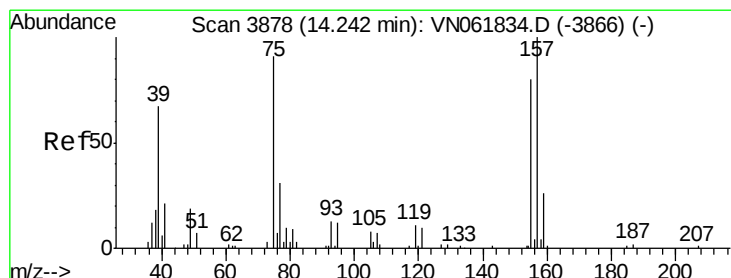
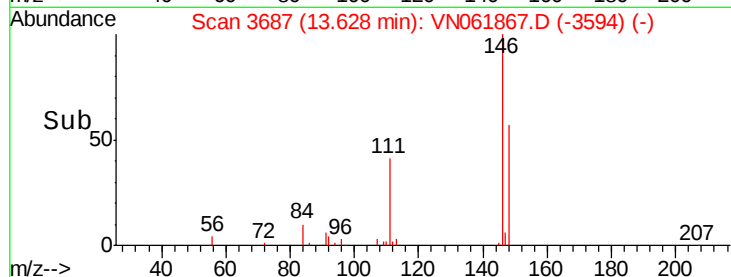
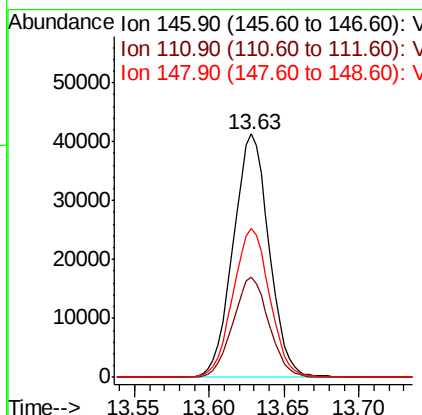
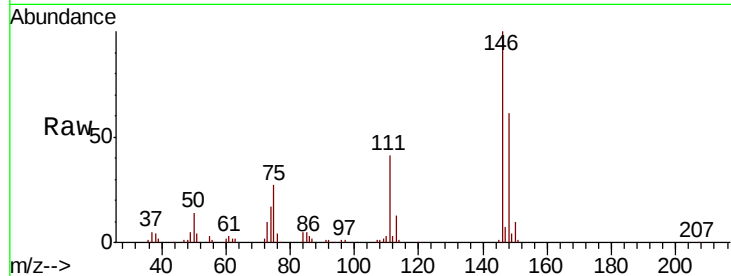




#91
 1,2-Dichlorobenzene
 Concen: 19.686 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

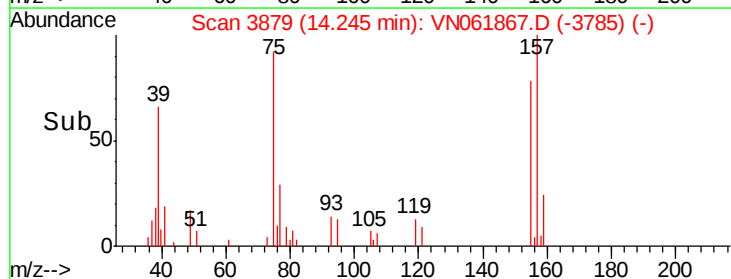
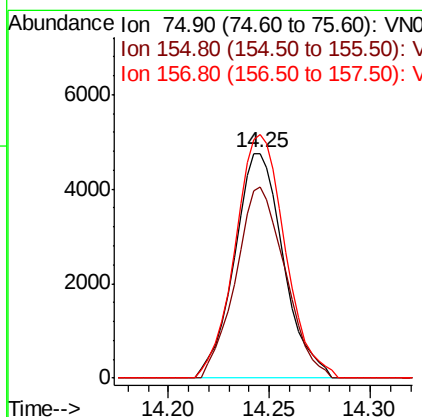
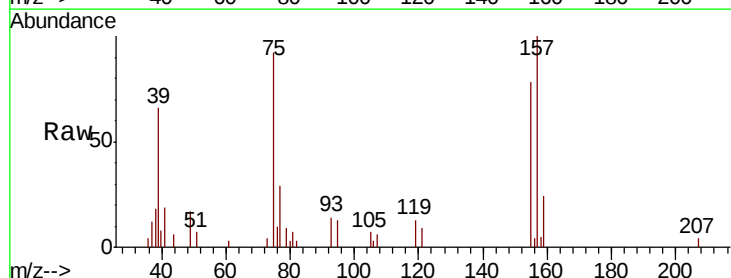
Instrument :
 MSVOA_N
 ClientSampled :
 VN0617WBS02

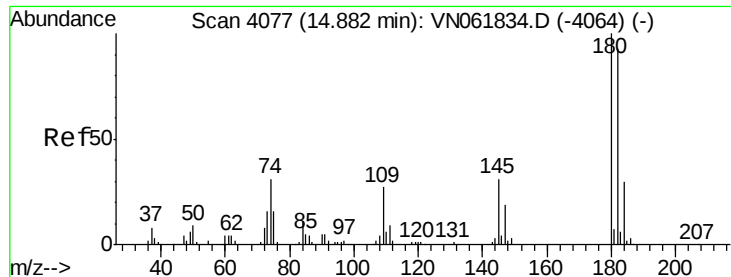
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.2
148	62.6	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.352 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	44.4	133.2
157	110.7	57.0	171.2

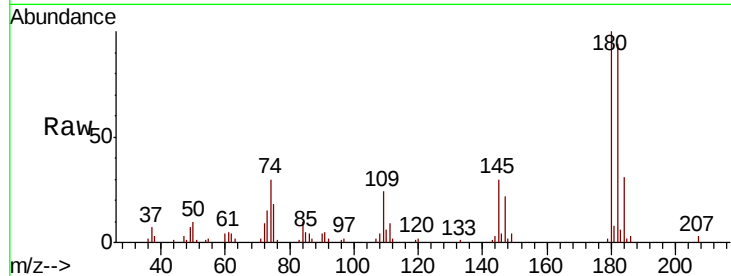




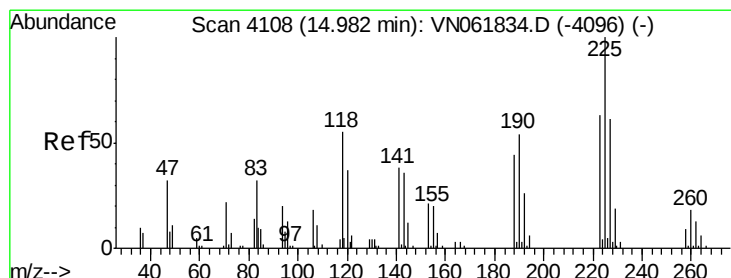
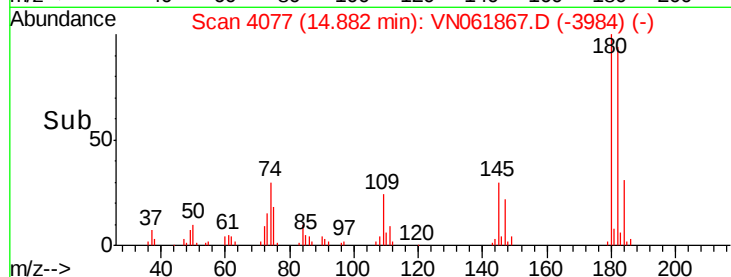
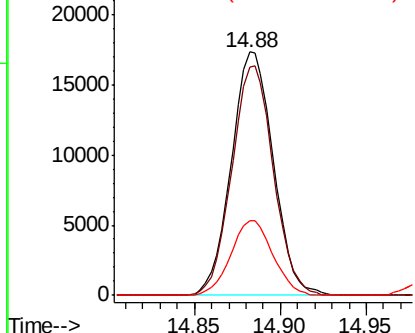
#93
 1,2,4-Trichlorobenzene
 Concen: 17.788 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Tot Ion:180 Resp: 29391
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.0 141.2
 145 30.6 15.8 47.3

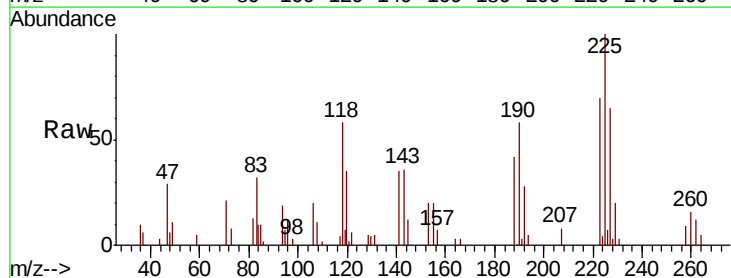


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

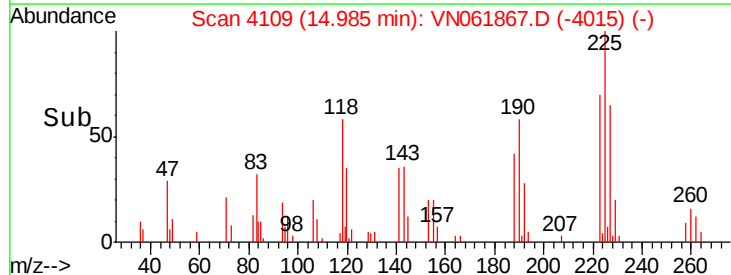
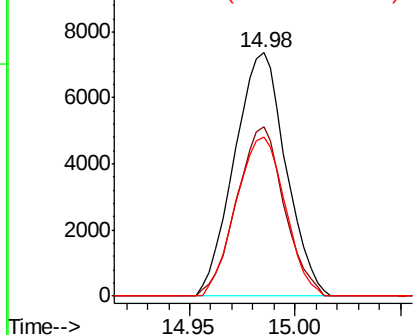


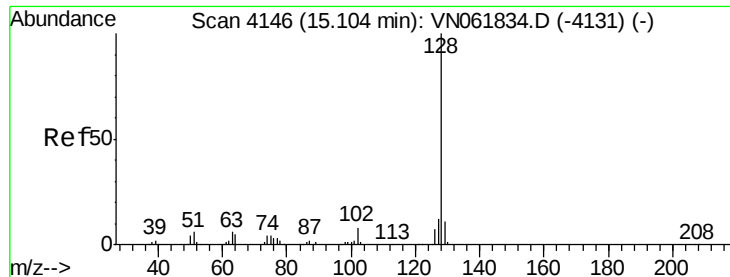
#94
 Hexachlorobutadiene
 Concen: 19.157 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion:225 Resp: 12467
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.7 95.1
 227 62.7 30.1 90.3



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

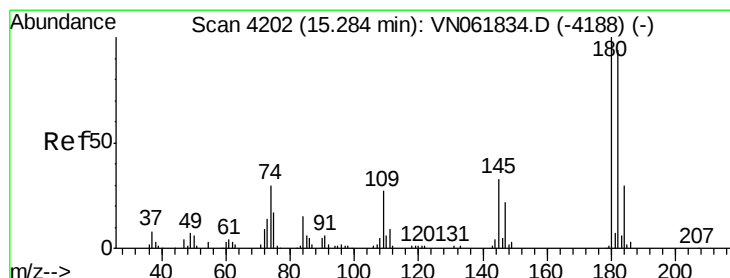
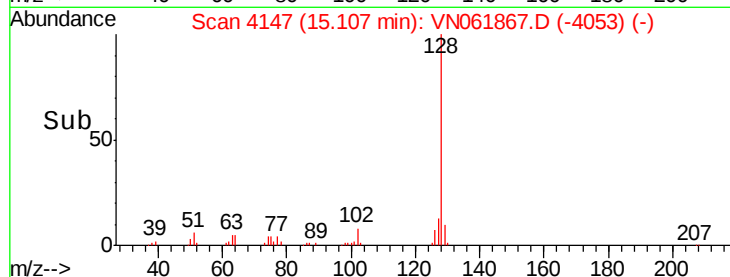
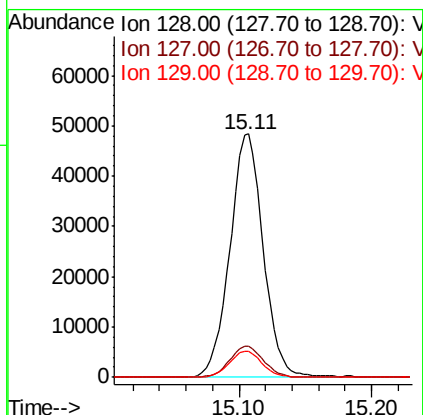
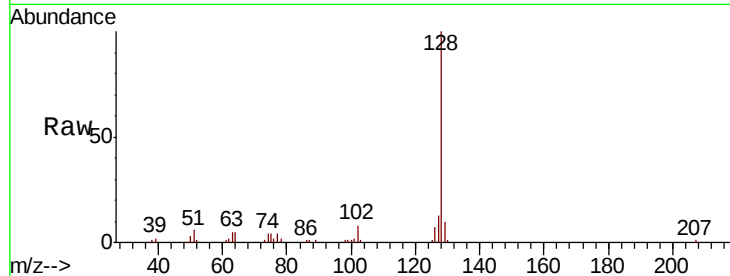




#95
Naphthalene
Concen: 17.687 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion:128 Resp: 84479
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.624 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion:180 Resp: 30476
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.6
145 33.4 16.5 49.5

