

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN061995.D
 Acq On : 22 Jun 2020 13:25
 Operator : JC/MD
 Sample : VN0622WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Quant Time: Jun 23 05:15:26 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	170325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	295636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	276491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127416	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	116798	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
35) Dibromofluoromethane	7.55	113	96516	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
50) Toluene-d8	10.06	98	369849	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.37	95	121392	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	41289	18.814	ug/l	99
3) Chloromethane	2.03	50	43626	18.453	ug/l	99
4) Vinyl Chloride	2.16	62	53675	19.044	ug/l	99
5) Bromomethane	2.53	94	36843	17.023	ug/l	99
6) Chloroethane	2.67	64	37033	19.415	ug/l	98
7) Trichlorofluoromethane	2.98	101	65851	19.560	ug/l	99
8) Diethyl Ether	3.37	74	23393	20.669	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	34686	20.083	ug/l	99
10) Methyl Iodide	3.91	142	39095	22.079	ug/l #	94
11) Tert butyl alcohol	4.73	59	34446	108.971	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	34170	19.745	ug/l	90
13) Acrolein	3.57	56	18847	99.759	ug/l	94
14) Allyl chloride	4.27	41	44008	19.160	ug/l	96
15) Acrylonitrile	4.93	53	88142	112.534	ug/l	99
16) Acetone	3.77	43	72279	107.121	ug/l	98
17) Carbon Disulfide	4.01	76	79638	15.727	ug/l	99
18) Methyl Acetate	4.28	43	44261	22.784	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	118216	20.516	ug/l	98
20) Methylene Chloride	4.50	84	42181	19.188	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	37415	18.823	ug/l	97
22) Diisopropyl ether	5.90	45	110386	21.014	ug/l	97
23) Vinyl Acetate	5.84	43	429888	104.050	ug/l	98
24) 1,1-Dichloroethane	5.80	63	70142	20.398	ug/l	100
25) 2-Butanone	6.78	43	109692	111.424	ug/l	99
26) 2,2-Dichloropropane	6.78	77	59295	20.495	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	44980	19.611	ug/l	97
28) Bromochloromethane	7.15	49	33658	21.983	ug/l	92
29) Tetrahydrofuran	7.17	42	72487	111.884	ug/l	96
30) Chloroform	7.33	83	73818	20.086	ug/l	96
31) Cyclohexane	7.62	56	52517	17.446	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	62334	19.916	ug/l	98
36) 1,1-Dichloropropene	7.75	75	51309	19.028	ug/l	99
37) Ethyl Acetate	6.88	43	45244	21.486	ug/l	100
38) Carbon Tetrachloride	7.73	117	52246	19.565	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51258	17.653	ug/l	98
40) Benzene	8.00	78	163374	20.001	ug/l	98
41) Methacrylonitrile	7.13	41	17439	19.367	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	56660	20.343	ug/l	98
43) Isopropyl Acetate	8.12	43	75489	21.273	ug/l	100
44) Trichloroethene	8.80	130	41494	19.302	ug/l	99
45) 1,2-Dichloropropane	9.09	63	43129	21.485	ug/l	98
46) Dibromomethane	9.18	93	28803	20.376	ug/l	98
47) Bromodichloromethane	9.37	83	58373	20.167	ug/l	100
48) Methyl methacrylate	9.17	41	33472	20.741	ug/l	98
49) 1,4-Dioxane	9.17	88	15416	416.077	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	231130	110.218	ug/l	99
52) Toluene	10.12	92	103214	20.120	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61796	20.111	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	68376	20.487	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	43326	21.466	ug/l	97
56) Ethyl methacrylate	10.40	69	55156	19.754	ug/l	97
57) 1,3-Dichloropropane	10.68	76	71823	21.004	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	106579	100.052	ug/l	98
59) 2-Hexanone	10.72	43	166104	107.237	ug/l	98
60) Dibromochloromethane	10.87	129	46187	20.507	ug/l	100
61) 1,2-Dibromoethane	10.98	107	42768	20.292	ug/l	98
64) Tetrachloroethene	10.60	164	35498	20.143	ug/l	96
65) Chlorobenzene	11.41	112	113451	19.446	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	40414	19.862	ug/l	97
67) Ethyl Benzene	11.48	91	192311	19.660	ug/l	99
68) m/p-Xylenes	11.60	106	150604	39.928	ug/l	99
69) o-Xylene	11.92	106	71160	19.773	ug/l	99
70) Styrene	11.94	104	118649	19.689	ug/l	99
71) Bromoform	12.10	173	30279	20.409	ug/l #	98
73) Isopropylbenzene	12.22	105	185781	20.518	ug/l	99
74) N-amyl acetate	12.05	43	59949	20.227	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	62526	21.240	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	76471	30.570	ug/l #	100
77) Bromobenzene	12.50	156	46845	20.507	ug/l	98
78) n-propylbenzene	12.57	91	211895	20.510	ug/l	99
79) 2-Chlorotoluene	12.65	91	127253	20.508	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	153189	20.450	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	18864	20.568	ug/l	95
82) 4-Chlorotoluene	12.75	91	130958	20.425	ug/l	97
83) tert-Butylbenzene	12.97	119	128546	20.242	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	154901	20.948	ug/l	100
85) sec-Butylbenzene	13.15	105	172108	20.706	ug/l	99
86) p-Isopropyltoluene	13.26	119	152569	20.599	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	83238	19.979	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	82675	19.386	ug/l	99
89) n-Butylbenzene	13.59	91	119099	19.254	ug/l	99
90) Hexachloroethane	13.85	117	28557	21.062	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	81168	20.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10296	21.544	ug/l	94

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VN0622WBS01

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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

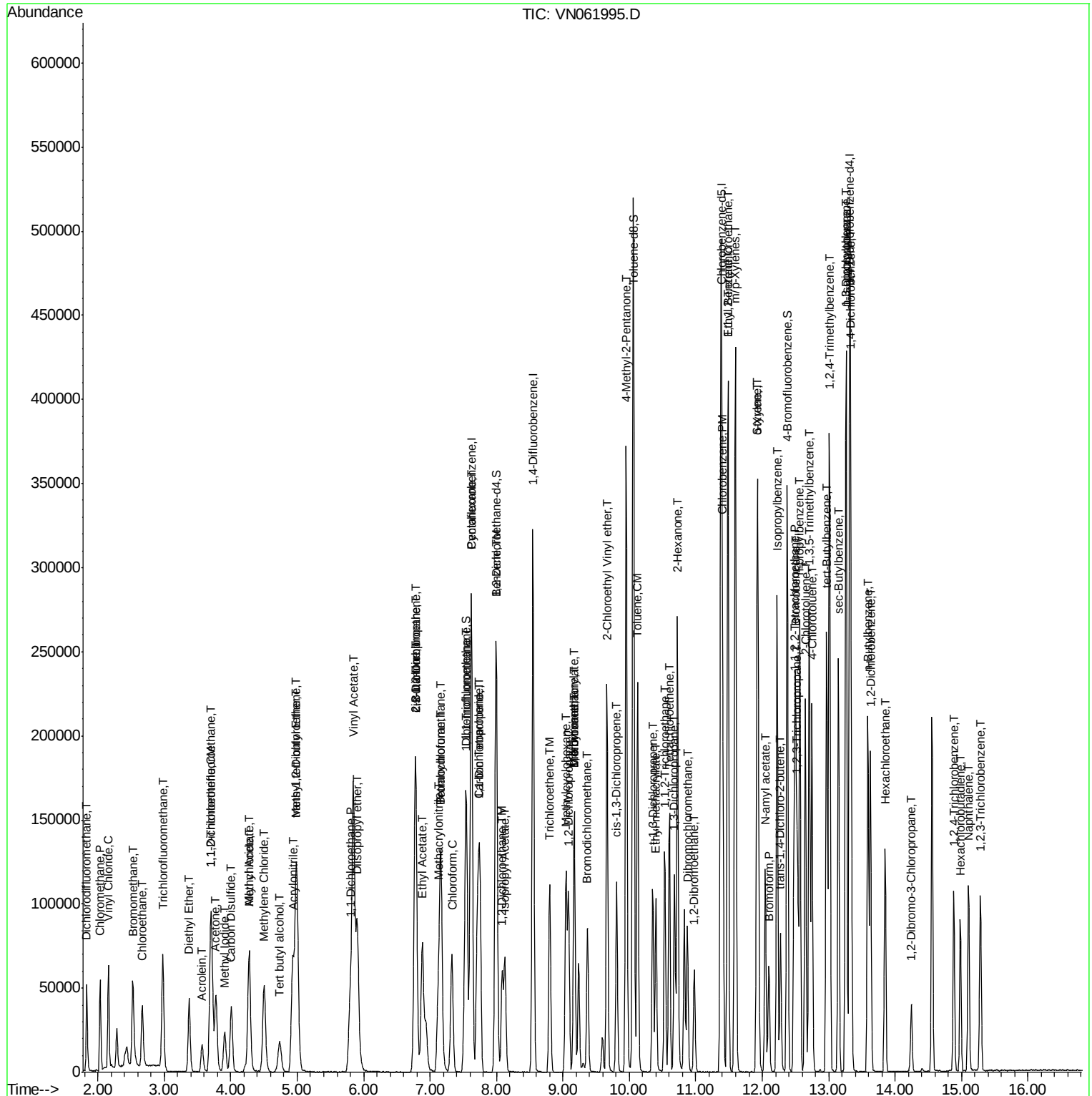
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	33927	17.926	ug/l	98
94) Hexachlorobutadiene	14.98	225	15199	20.390	ug/l	97
95) Naphthalene	15.10	128	98226	17.901	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	34255	18.275	ug/l	98

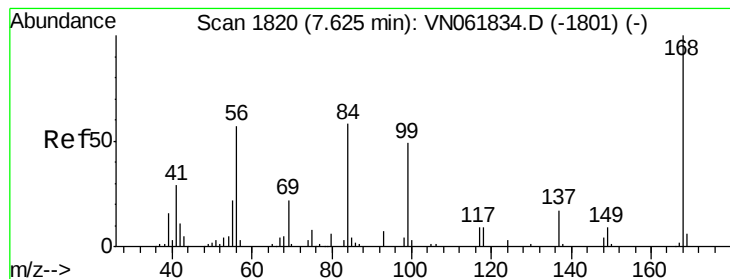
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

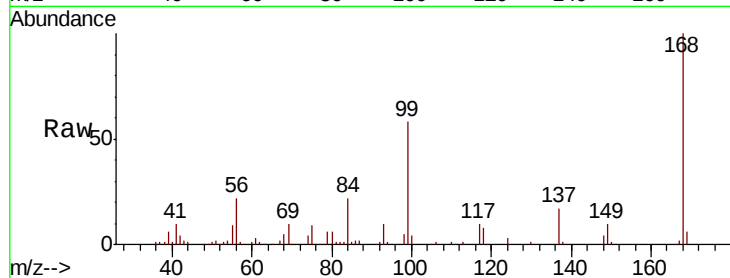
VN0622WBS01

Tot Ion:168 Resp: 170325

Ion Ratio Lower Upper

168 100

99 57.5 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

40000

20000

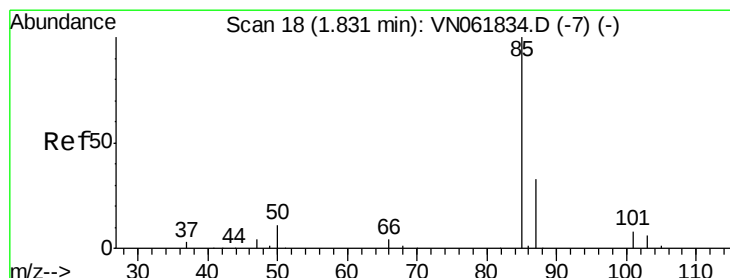
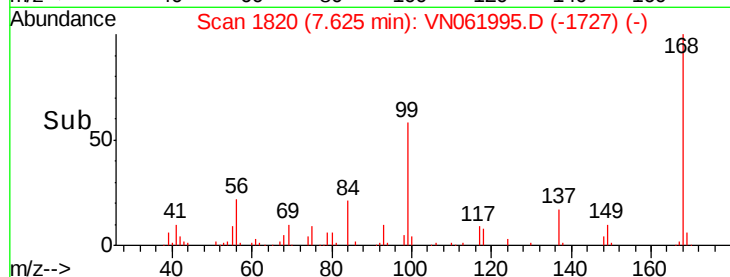
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Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 18.814 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061995.D

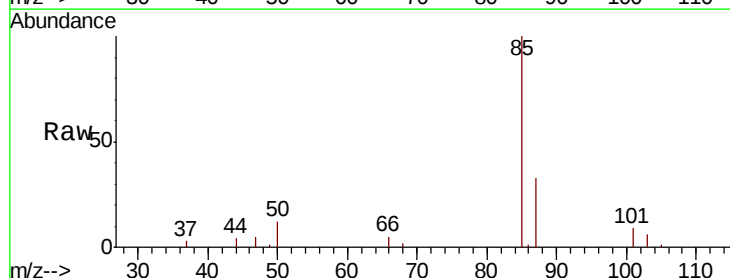
Acq: 22 Jun 2020 13:25

Tgt Ion: 85 Resp: 41289

Ion Ratio Lower Upper

85 100

87 32.8 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

20000

10000

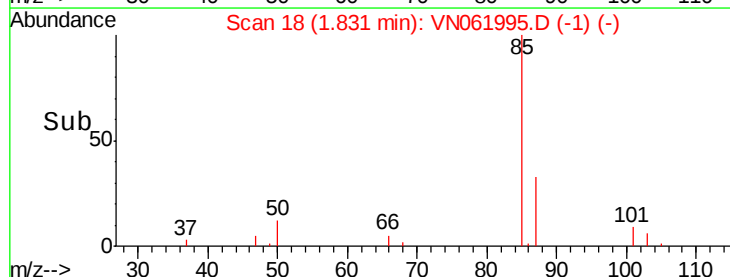
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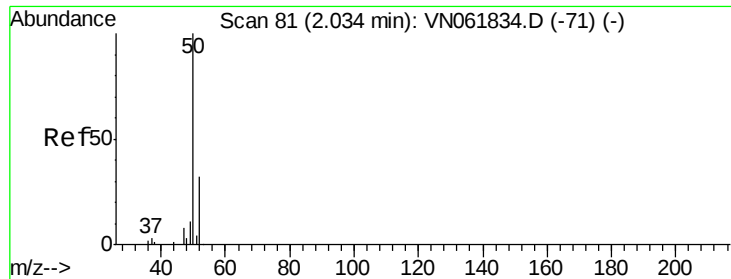
Time-->

1.80

1.85

1.90





#3

Chloromethane

Concen: 18.453 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

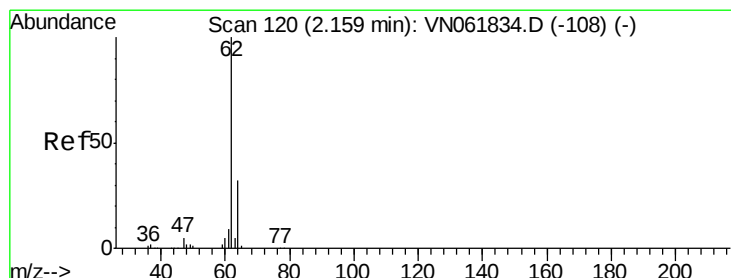
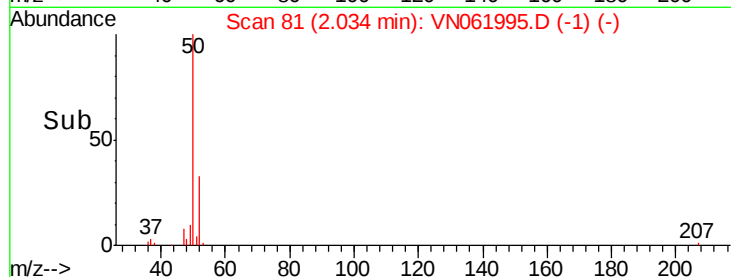
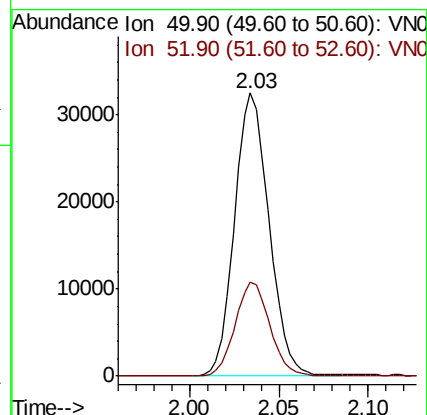
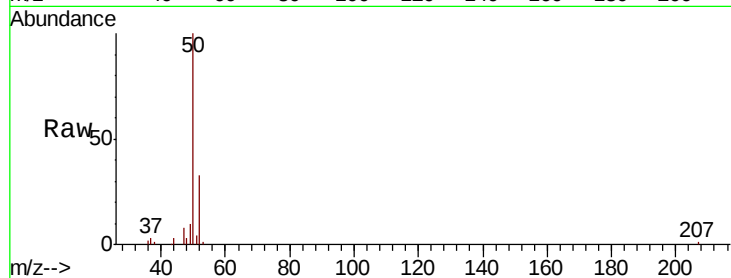
VN0622WBS01

Tot Ion: 50 Resp: 43626

Ion Ratio Lower Upper

50 100

52 33.2 26.0 39.0



#4

Vinyl Chloride

Concen: 19.044 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061995.D

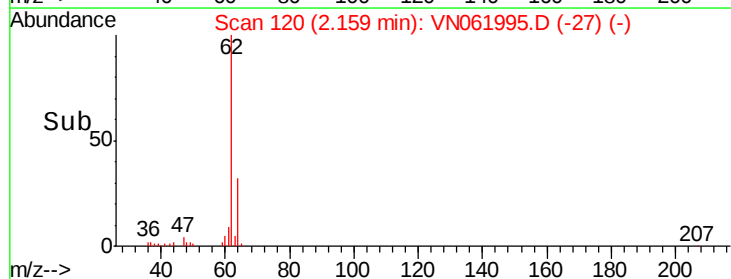
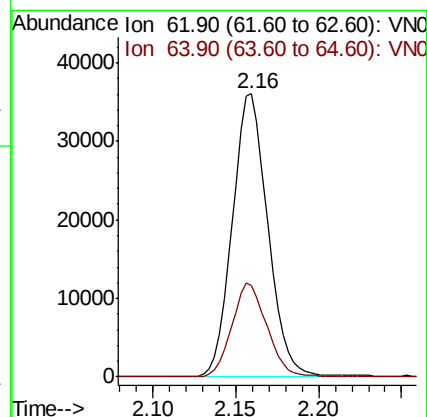
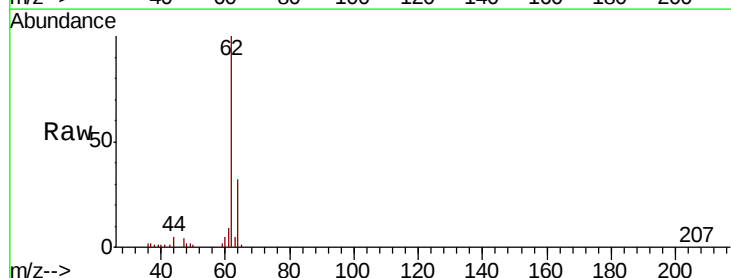
Acq: 22 Jun 2020 13:25

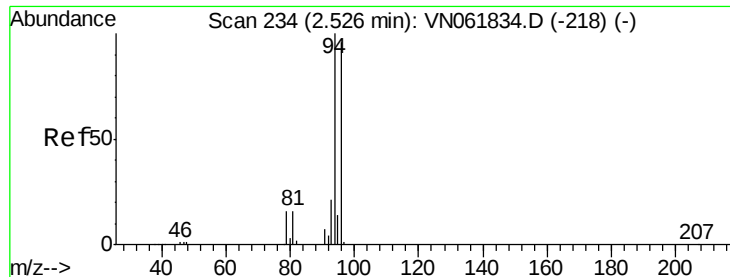
Tgt Ion: 62 Resp: 53675

Ion Ratio Lower Upper

62 100

64 32.4 25.5 38.3





#5

Bromomethane

Concen: 17.023 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

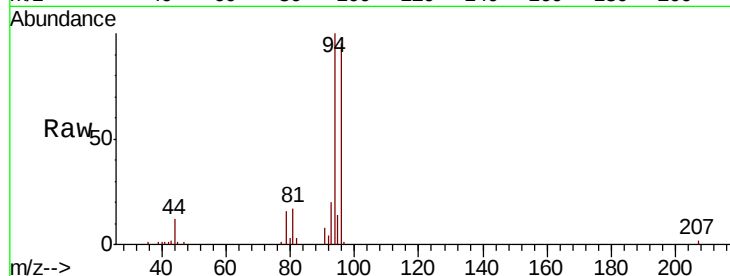
VN0622WBS01

Tot Ion: 94 Resp: 36843

Ion Ratio Lower Upper

94 100

96 95.0 76.7 115.1



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

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

2.53

20000

15000

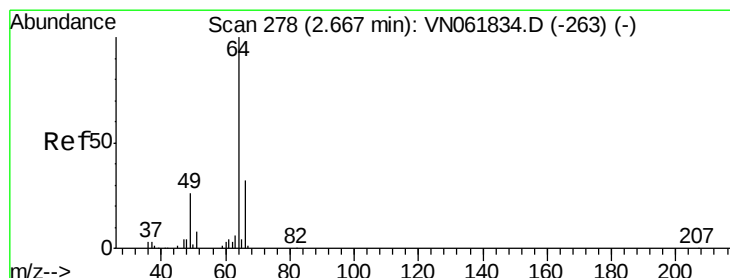
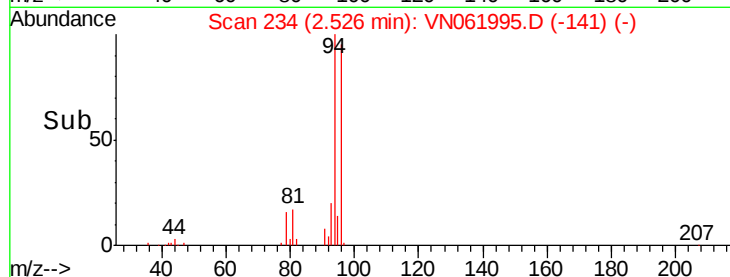
10000

5000

0

2.50 2.60

Time-->



#6

Chloroethane

Concen: 19.415 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN061995.D

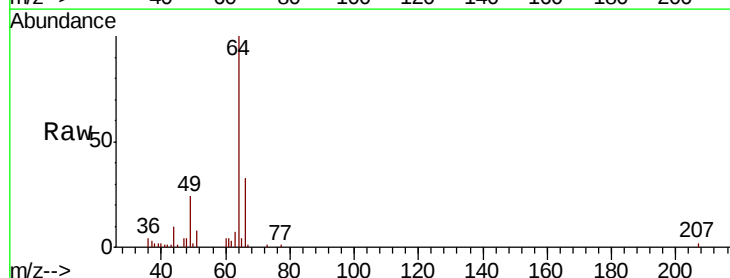
Acq: 22 Jun 2020 13:25

Tgt Ion: 64 Resp: 37033

Ion Ratio Lower Upper

64 100

66 32.9 25.4 38.2



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

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

2.67

20000

15000

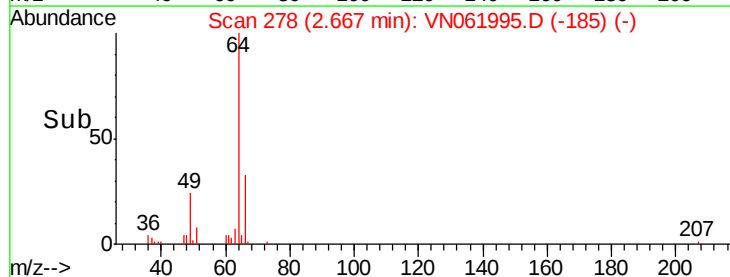
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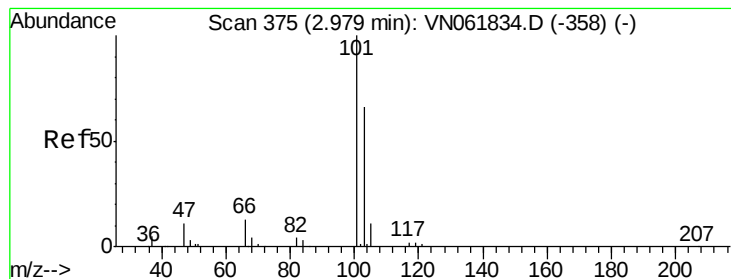
5000

0

2.60 2.65 2.70 2.75

Time-->



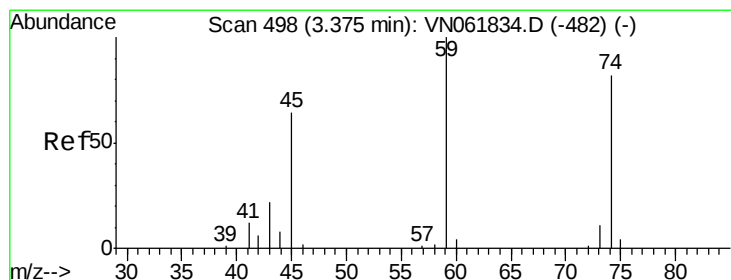
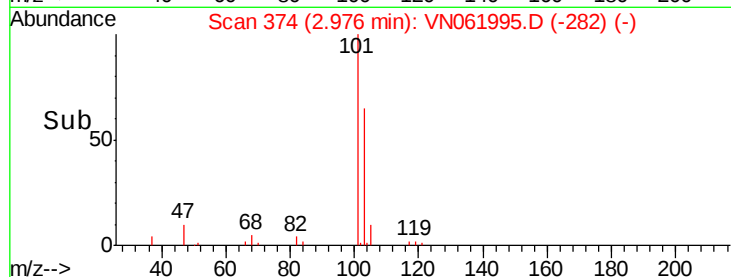
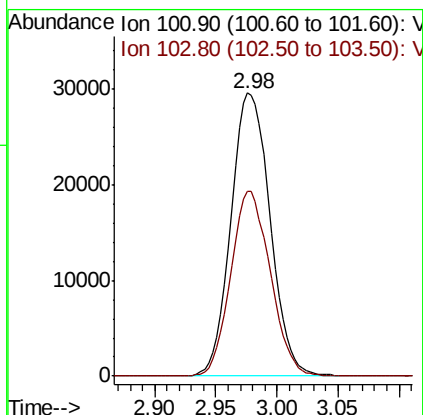
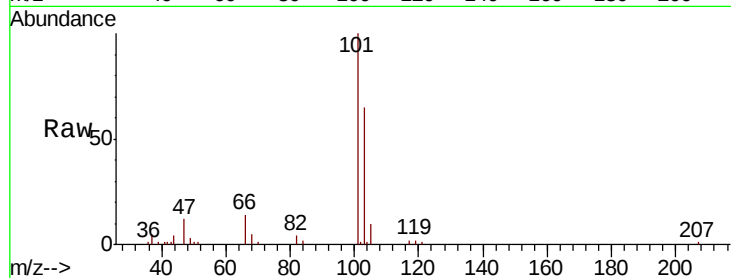


#7

Trichlorofluoromethane
 Concen: 19.560 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN061995.D
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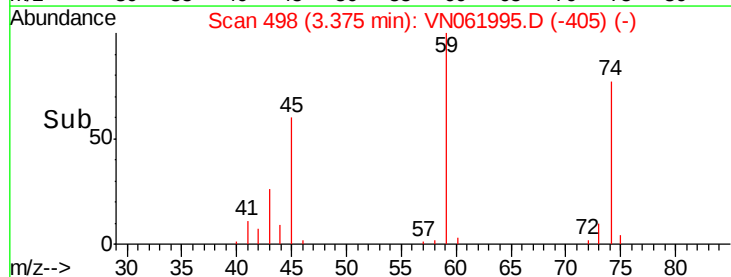
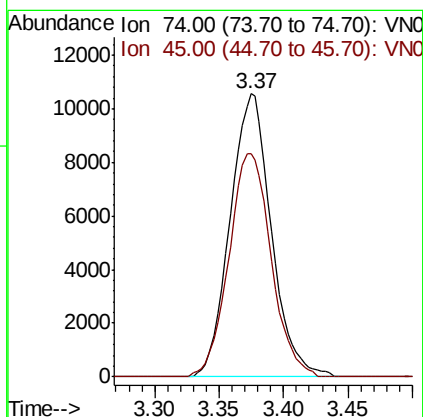
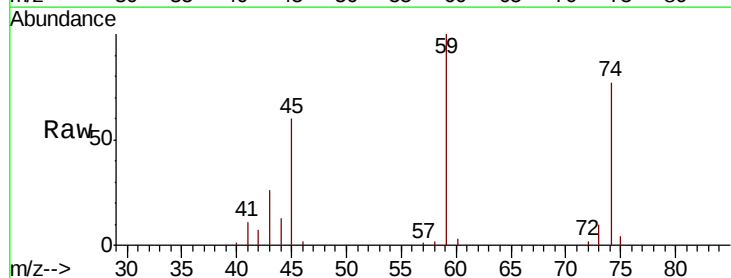
Tot Ion:101 Resp: 65851
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.8 79.2

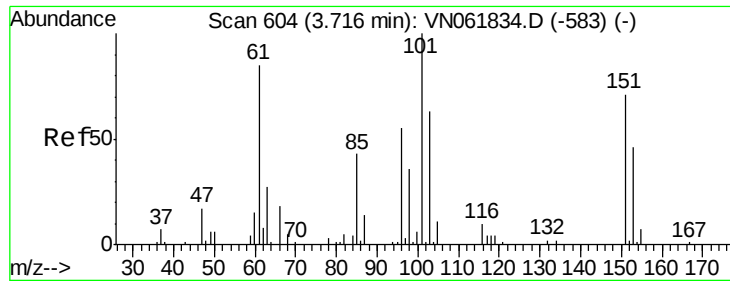


#8

Diethyl Ether
 Concen: 20.669 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion: 74 Resp: 23393
 Ion Ratio Lower Upper
 74 100
 45 80.9 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.083 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

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MSVOA_N

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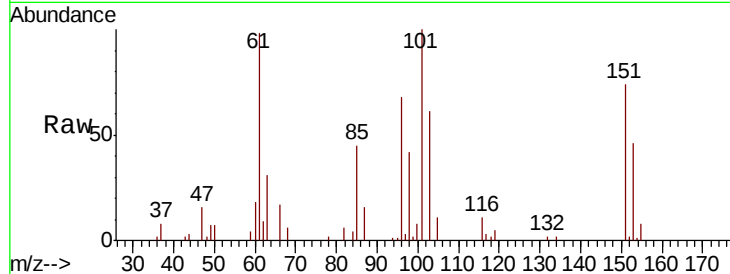
Tot Ion:101 Resp: 34686

Ion Ratio Lower Upper

101 100

85 44.5 35.0 52.6

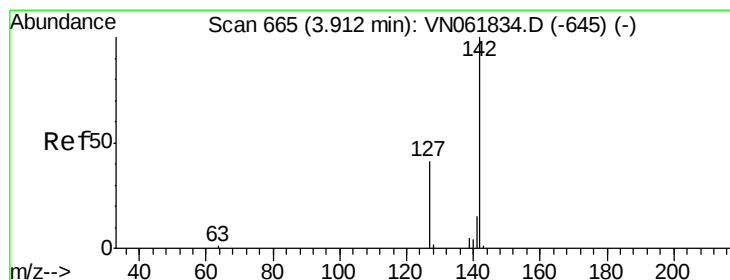
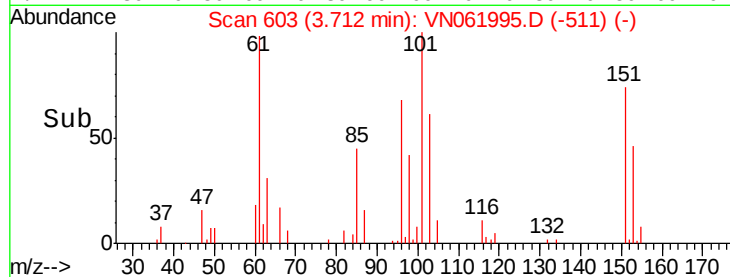
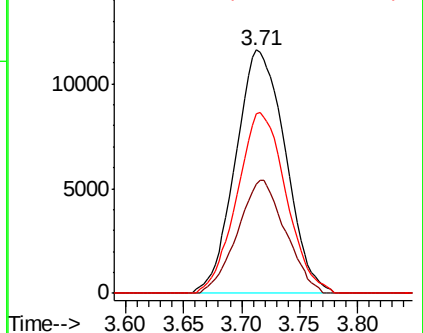
151 73.4 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.079 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

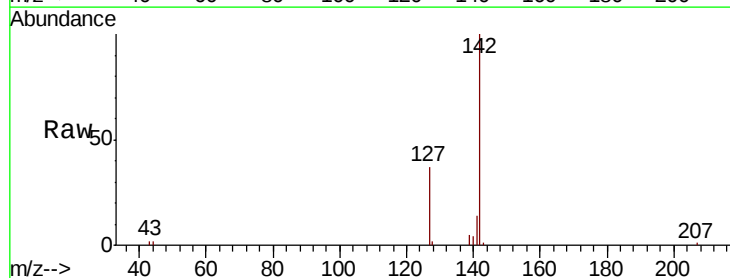
Tgt Ion:142 Resp: 39095

Ion Ratio Lower Upper

142 100

127 40.8 33.4 50.0

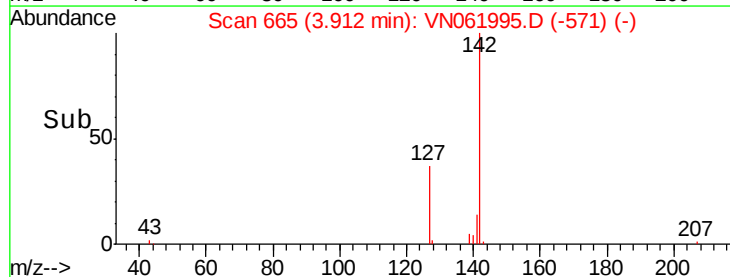
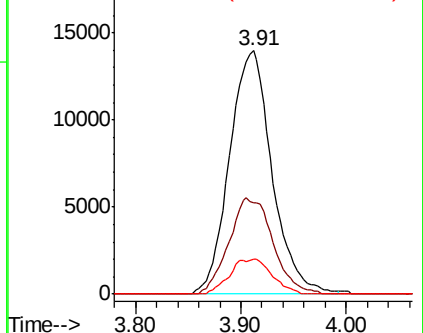
141 6.3 11.3 16.9#

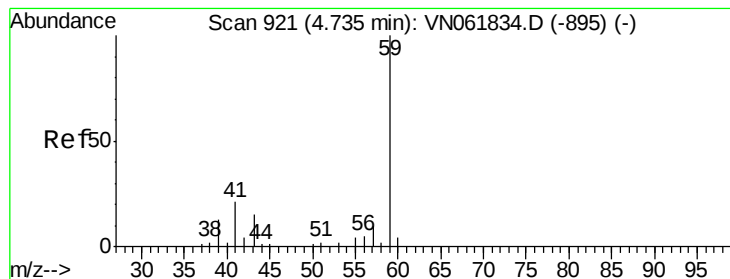


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



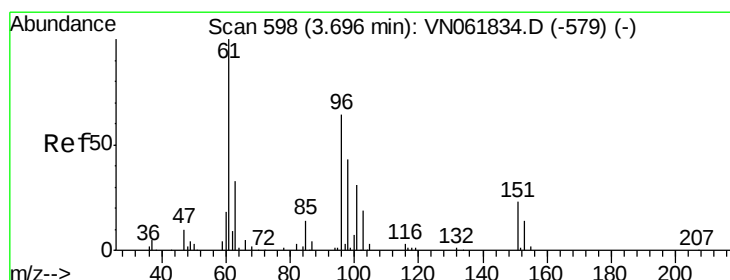
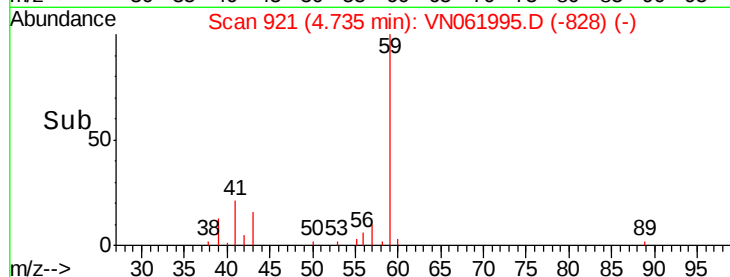
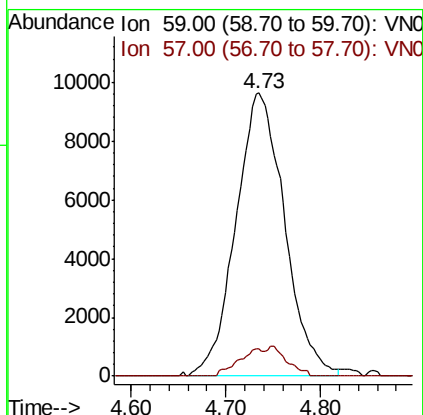
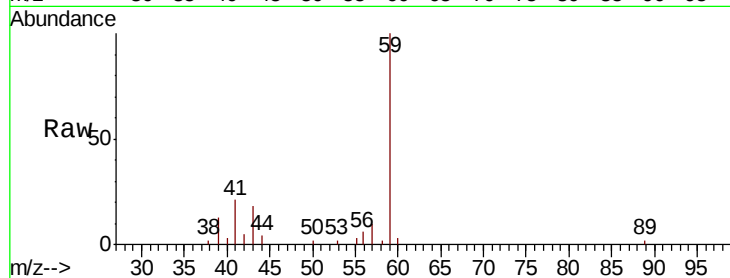


#11

Tert butyl alcohol
 Concen: 108.971 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Instrument :
 MSVOA_N
 ClientSampled :
 VN0622WBS01

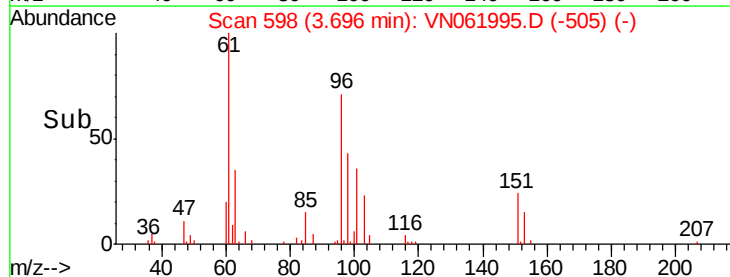
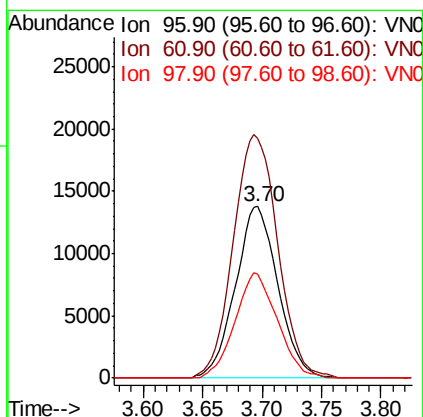
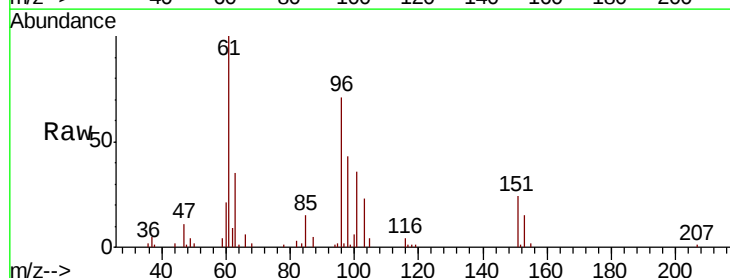
Tot Ion: 59 Resp: 34446
 Ion Ratio Lower Upper
 59 100
 57 5.2 7.7 11.5#

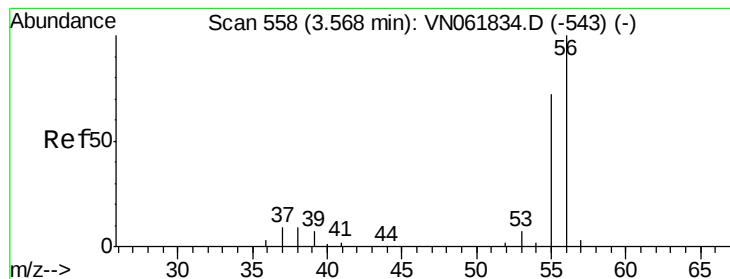


#12

1,1-Dichloroethene
 Concen: 19.745 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion: 96 Resp: 34170
 Ion Ratio Lower Upper
 96 100
 61 140.2 124.3 186.5
 98 60.8 53.1 79.7





#13

Acrolein

Concen: 99.759 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

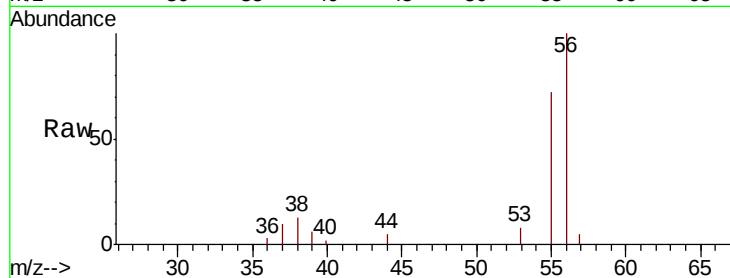
VN0622WBS01

Tot Ion: 56 Resp: 18847

Ion Ratio Lower Upper

56 100

55 75.3 56.2 84.4

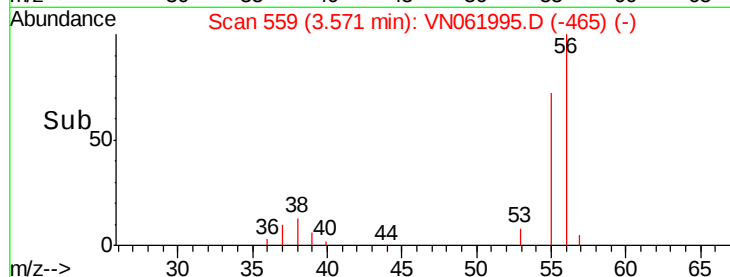


Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-543) (-)

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

3.57

Time-->



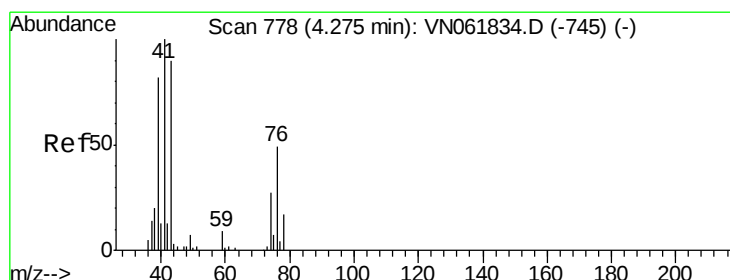
Abundance

Ion 56.00 (55.70 to 56.70): VN061995.D (-465) (-)

Ion 55.00 (54.70 to 55.70): VN061995.D (-465) (-)

3.57

Time-->



#14

Allyl chloride

Concen: 19.160 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

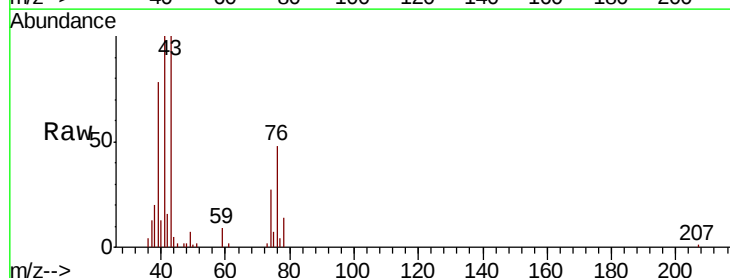
Tgt Ion: 41 Resp: 44008

Ion Ratio Lower Upper

41 100

39 80.9 60.2 90.2

76 45.6 36.3 54.5



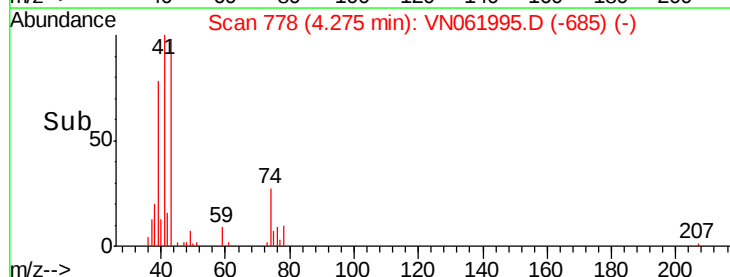
Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)

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

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

4.27

Time-->



Abundance

Ion 41.00 (40.70 to 41.70): VN061995.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061995.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061995.D (-685) (-)

4.27

Time-->



#15

Acrylonitrile

Concen: 112.534 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.01 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

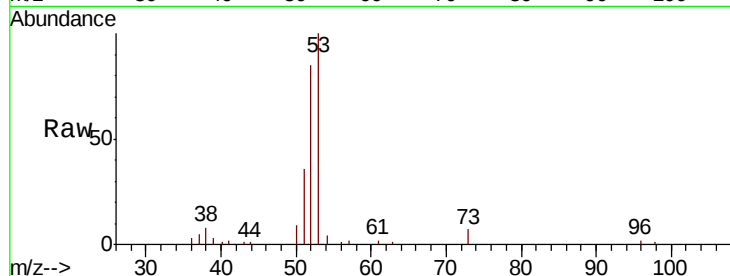
Tot Ion: 53 Resp: 88142

Ion Ratio Lower Upper

53 100

52 83.0 65.2 97.8

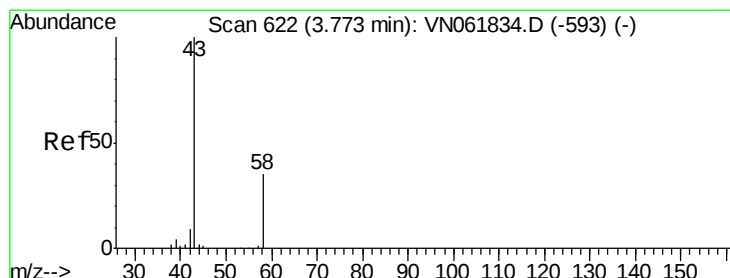
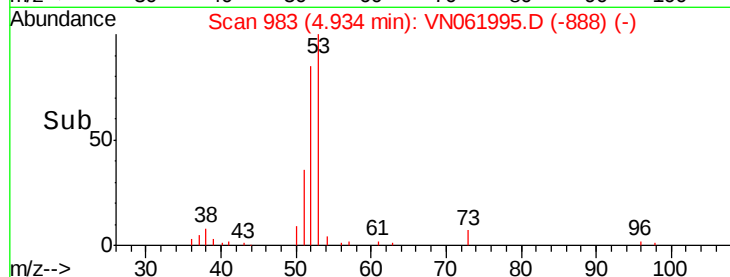
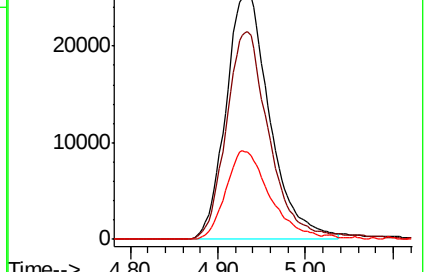
51 36.2 29.3 43.9



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

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

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



#16

Acetone

Concen: 107.121 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061995.D

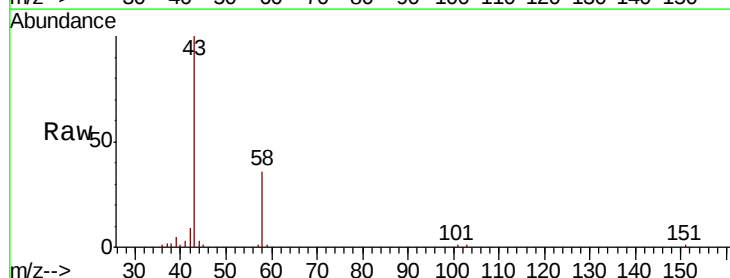
Acq: 22 Jun 2020 13:25

Tgt Ion: 43 Resp: 72279

Ion Ratio Lower Upper

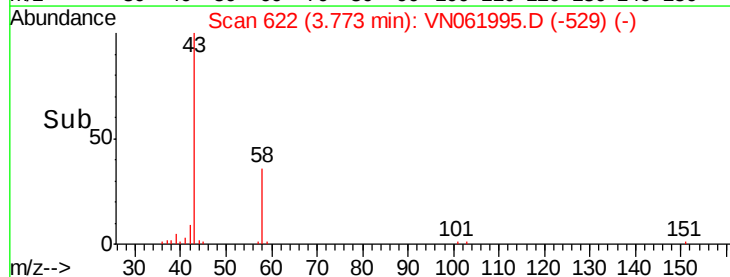
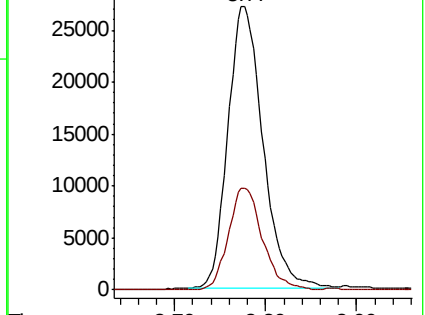
43 100

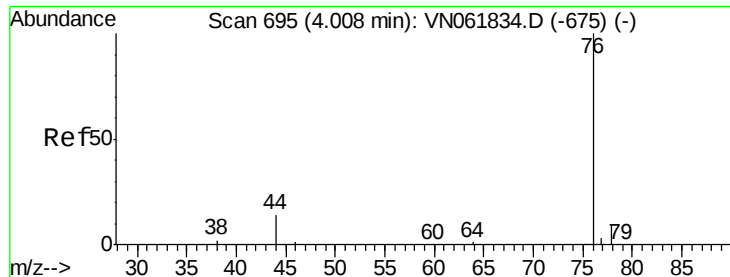
58 36.2 27.8 41.8



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

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

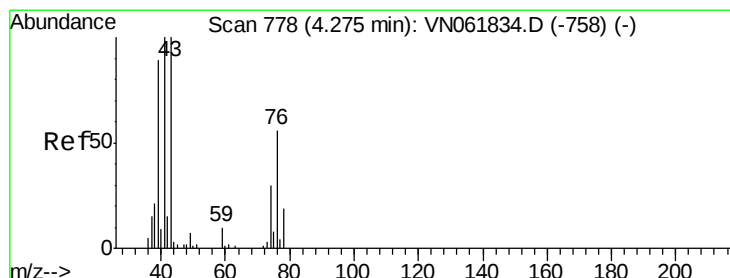
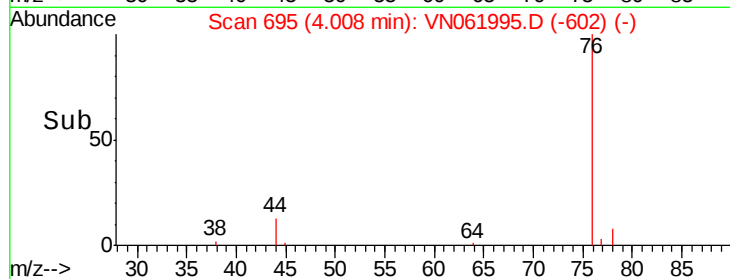
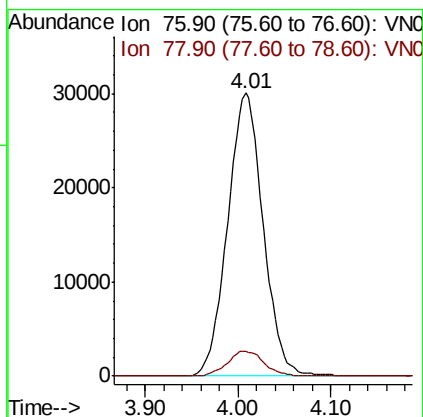
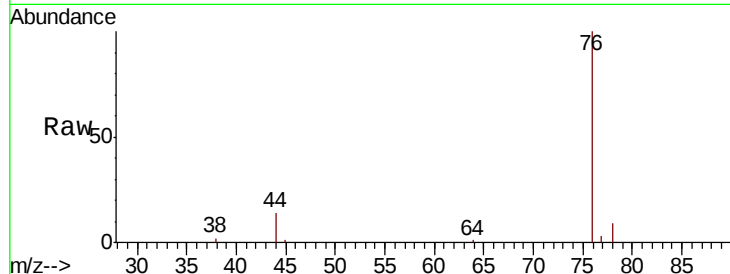




#17
Carbon Disulfide
Concen: 15.727 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

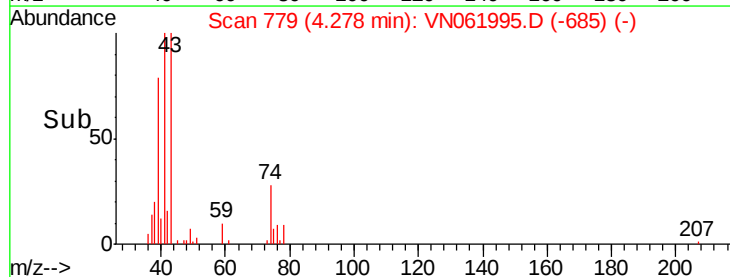
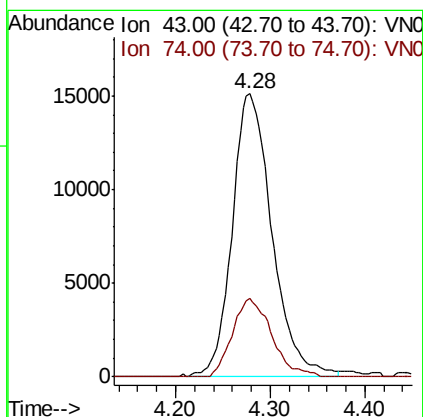
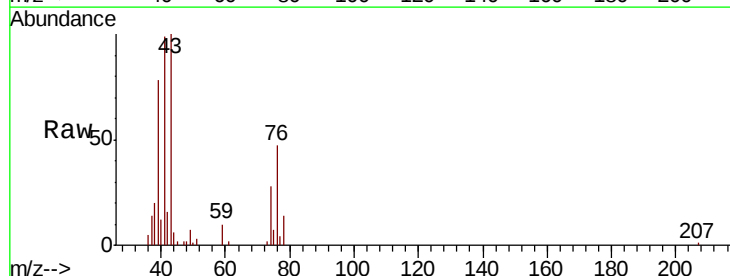
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

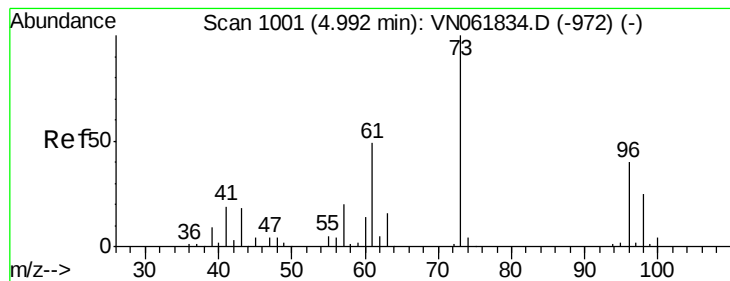
Tot Ion: 76 Resp: 79638
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 22.784 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion: 43 Resp: 44261
Ion Ratio Lower Upper
43 100
74 27.3 23.0 34.4



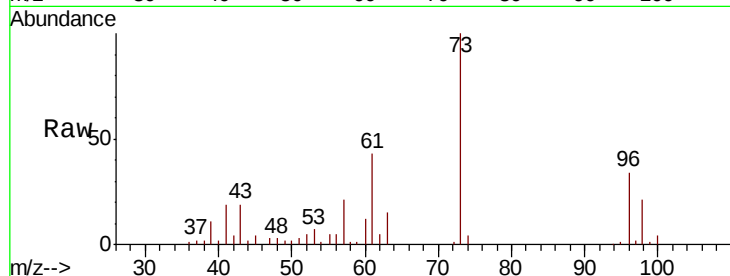


#19

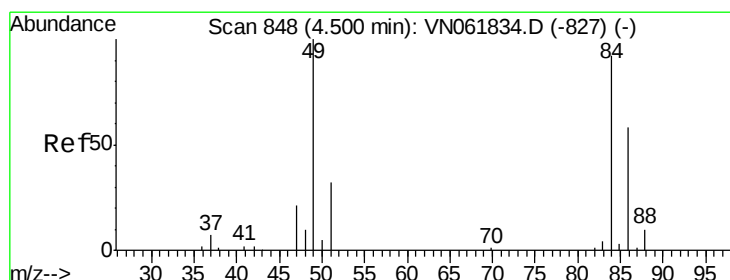
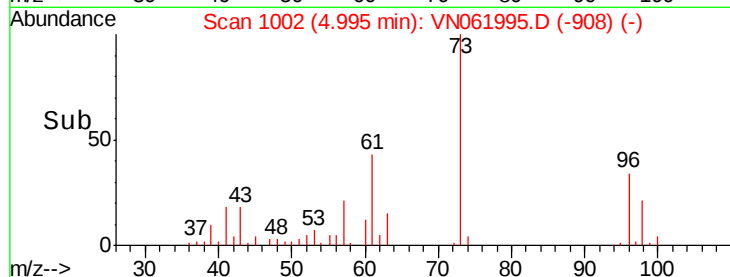
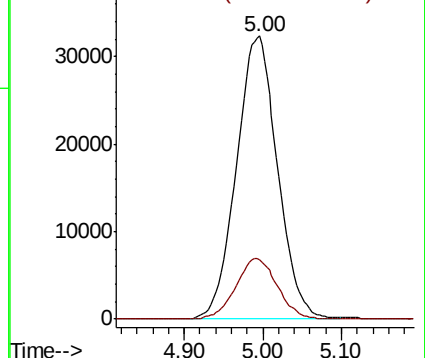
Methyl tert-butyl Ether
 Concen: 20.516 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion: 73 Resp: 118216
 Ion Ratio Lower Upper
 73 100
 57 21.2 16.2 24.4



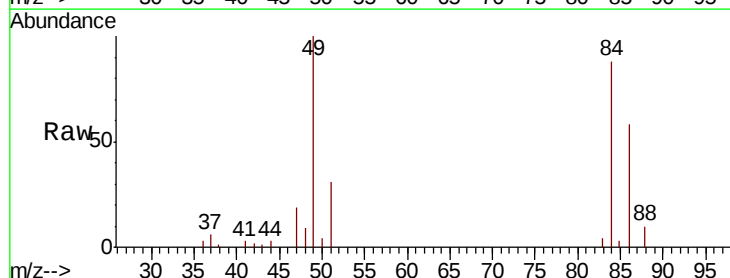
Abundance Ion 73.00 (72.70 to 73.70): VN061834.D (-972) (-)
 Ion 57.00 (56.70 to 57.70): VN061834.D (-972) (-)



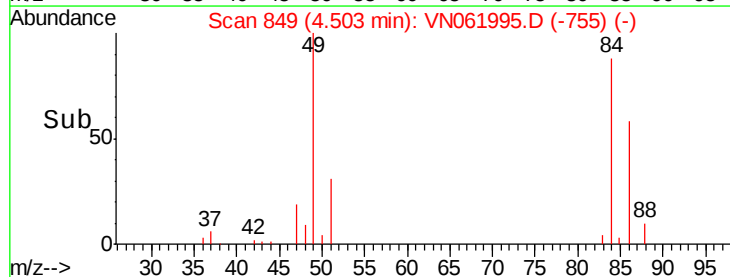
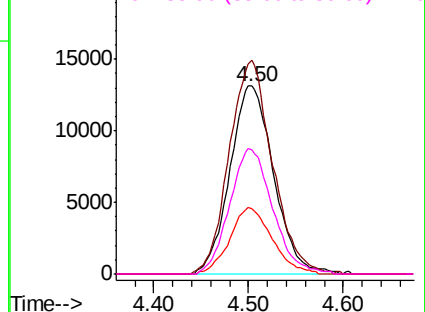
#20

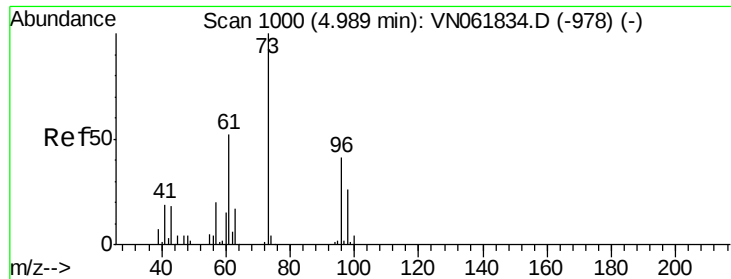
Methylene Chloride
 Concen: 19.188 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion: 84 Resp: 42181
 Ion Ratio Lower Upper
 84 100
 49 113.7 87.0 130.4
 51 35.0 27.8 41.6
 86 66.3 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VN061834.D (-827) (-)
 Ion 48.90 (48.60 to 49.60): VN061834.D (-827) (-)
 Ion 50.90 (50.60 to 51.60): VN061834.D (-827) (-)
 Ion 85.90 (85.60 to 86.60): VN061834.D (-827) (-)

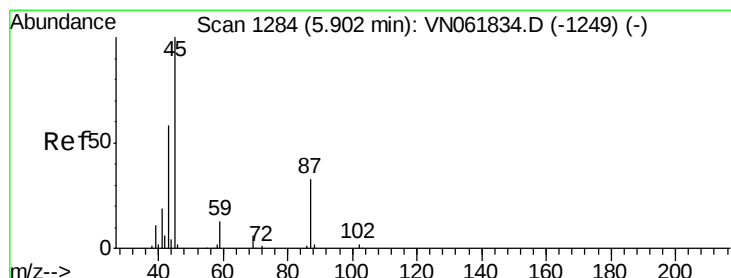
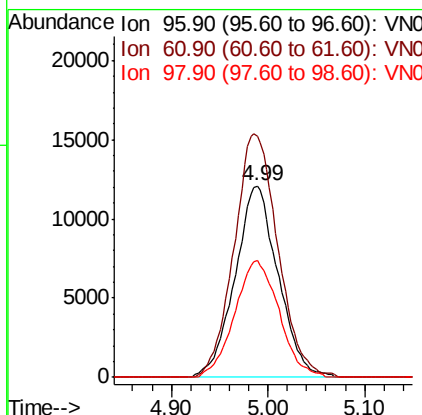
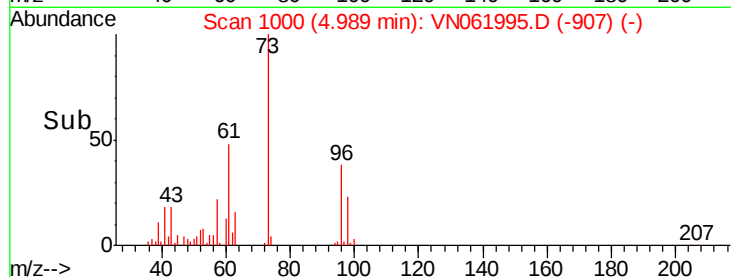
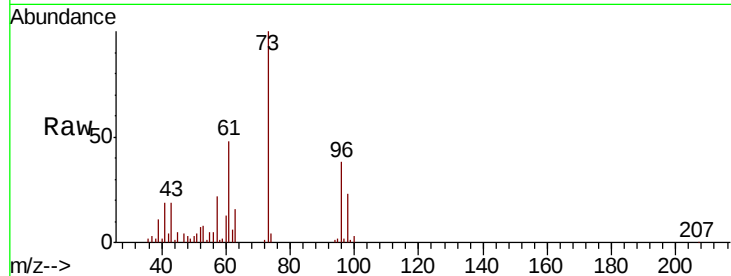




#21
trans-1,2-Dichloroethene
Concen: 18.823 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

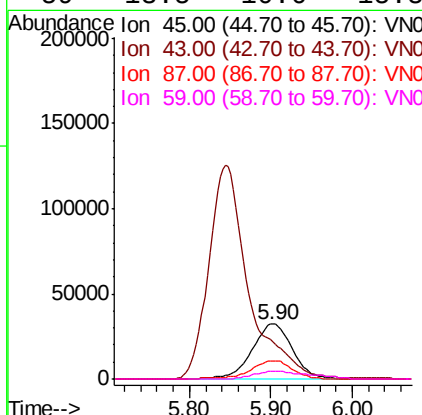
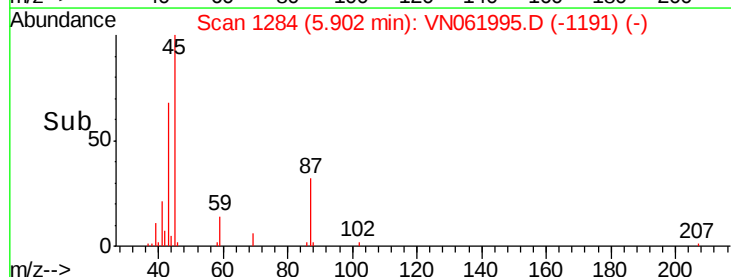
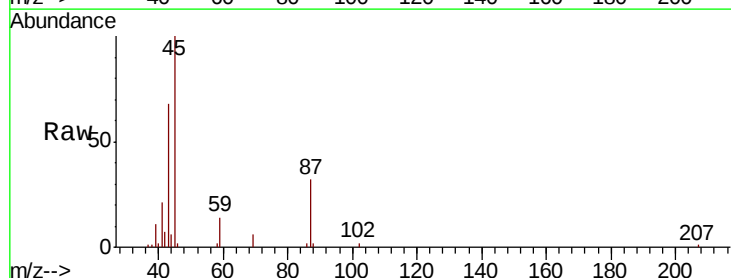
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

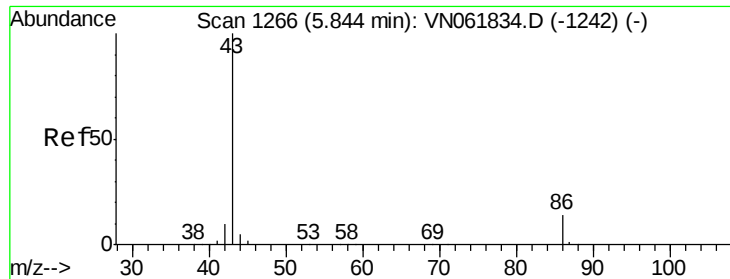
Tot Ion: 96 Resp: 37415
Ion Ratio Lower Upper
96 100
61 125.6 102.2 153.4
98 60.7 51.2 76.8



#22
Diisopropyl ether
Concen: 21.014 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion: 45 Resp: 110386
Ion Ratio Lower Upper
45 100
43 64.5 49.4 74.2
87 32.4 27.4 41.0
59 13.5 10.6 15.8





#23

Vinyl Acetate

Concen: 104.050 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampled :

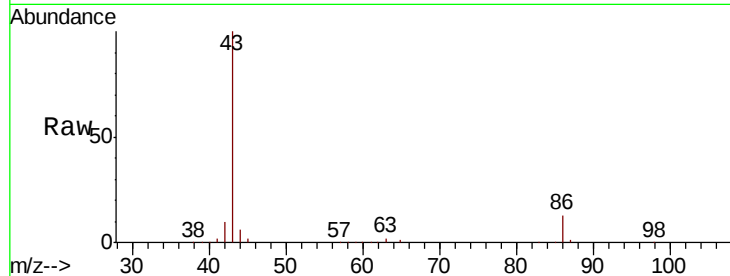
VN0622WBS01

Tot Ion: 43 Resp: 429888

Ion Ratio Lower Upper

43 100

86 12.7 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) (-)

5.84

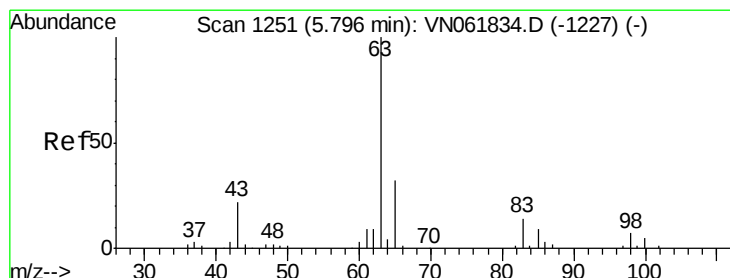
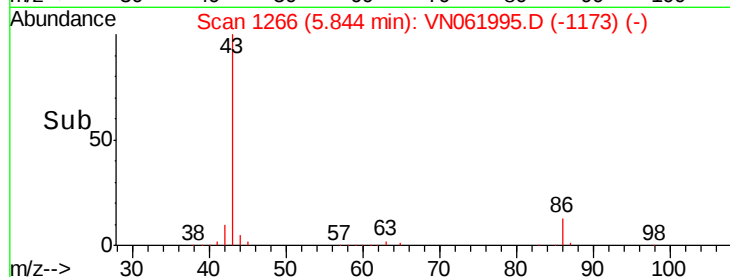
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.398 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

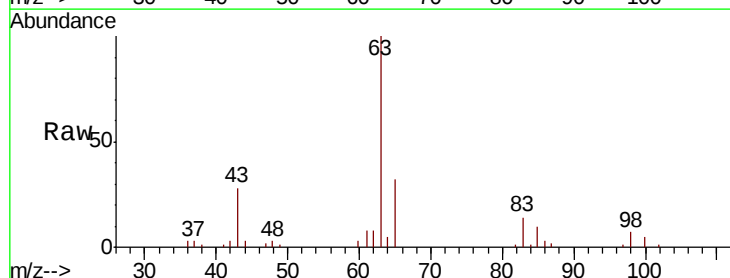
Tgt Ion: 63 Resp: 70142

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.8 2.5 7.4



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

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

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

5.80

30000

25000

20000

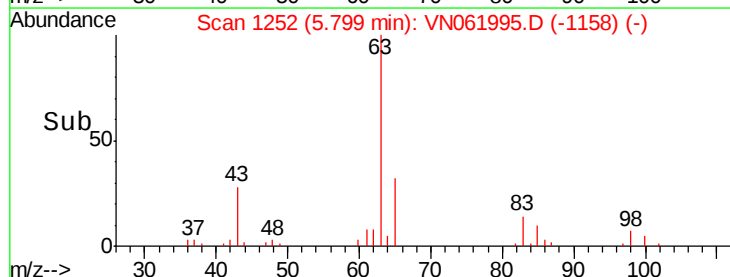
15000

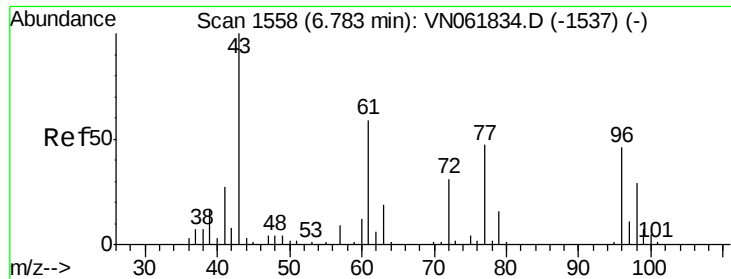
10000

5000

0

Time-->

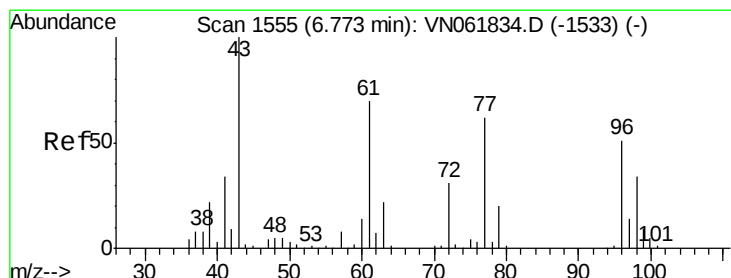
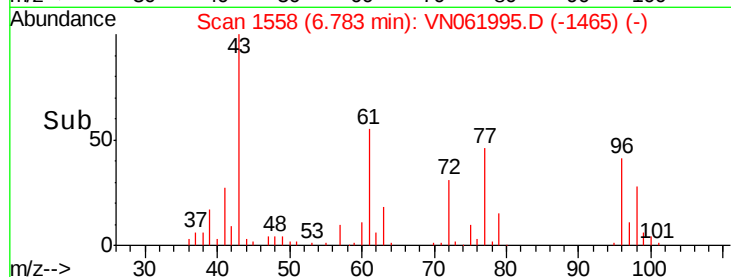
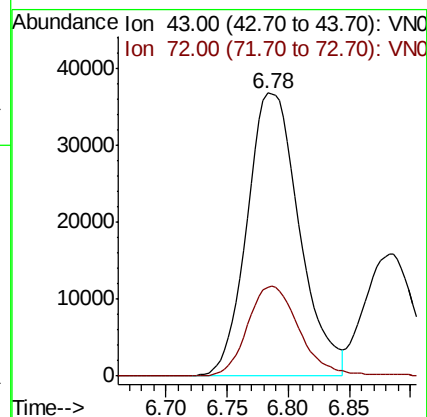
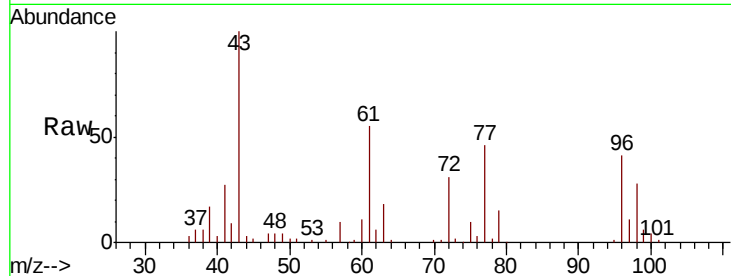




#25
2-Butanone
Concen: 111.424 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

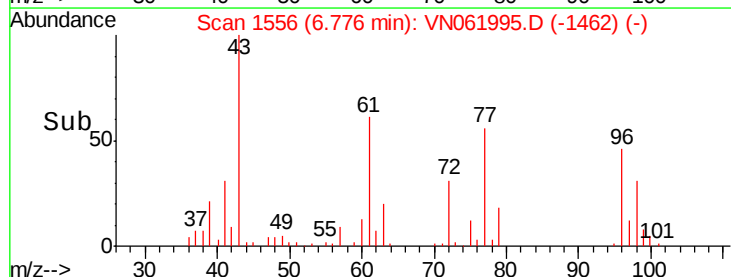
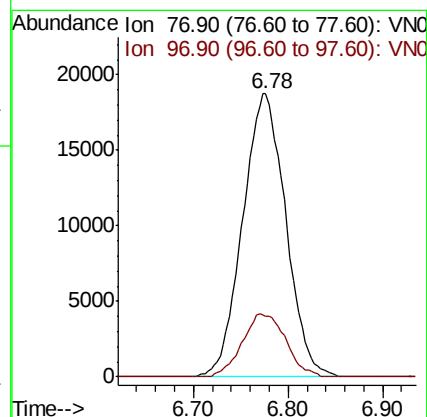
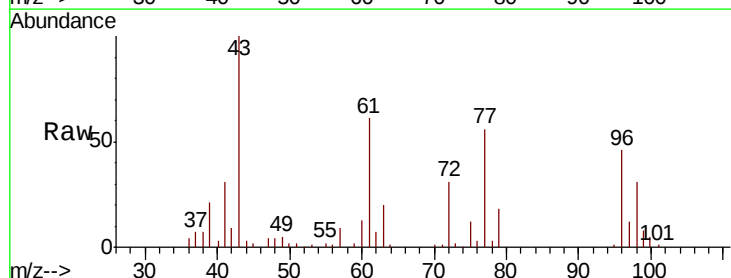
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

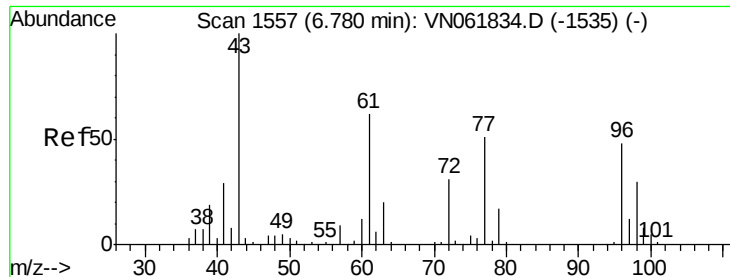
Tot Ion: 43 Resp: 109692
Ion Ratio Lower Upper
43 100
72 31.5 24.6 37.0



#26
2,2-Dichloropropane
Concen: 20.495 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion: 77 Resp: 59295
Ion Ratio Lower Upper
77 100
97 22.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.611 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampled :

VN0622WBS01

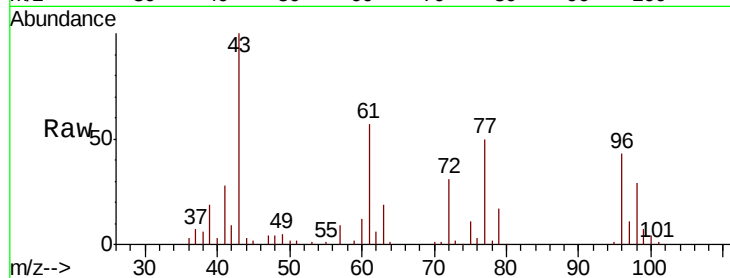
Tot Ion: 96 Resp: 44980

Ion Ratio Lower Upper

96 100

61 135.8 0.0 265.6

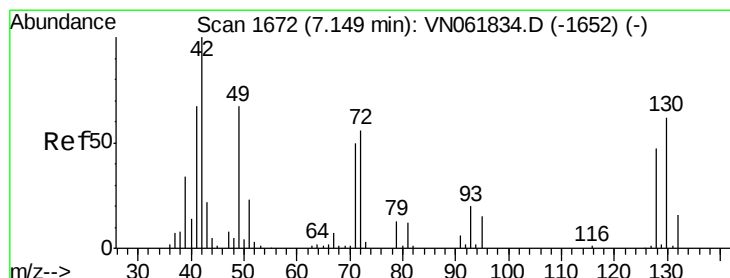
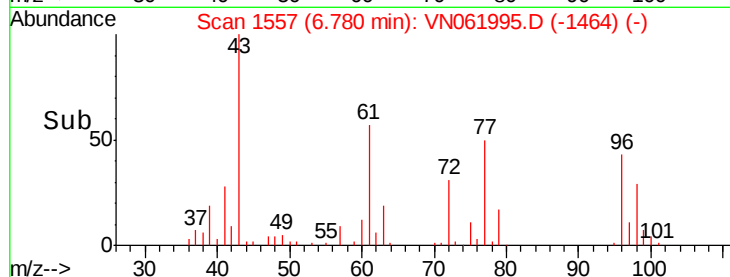
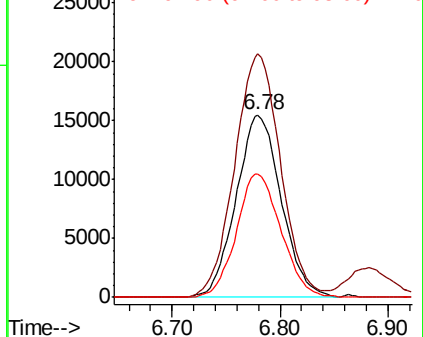
98 66.9 0.0 128.2



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

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

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



#28

Bromochloromethane

Concen: 21.983 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

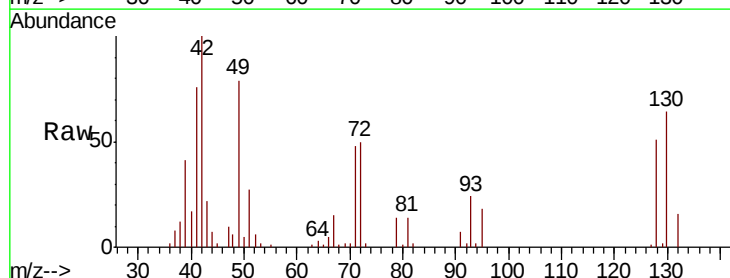
Tgt Ion: 49 Resp: 33658

Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.0

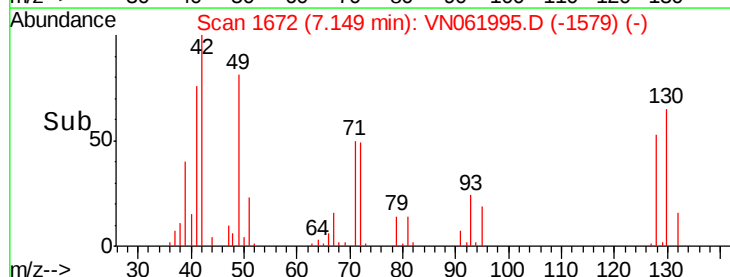
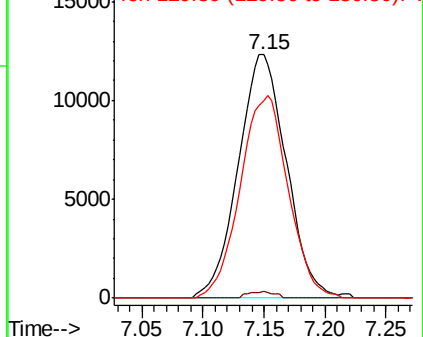
130 83.0 72.2 108.2

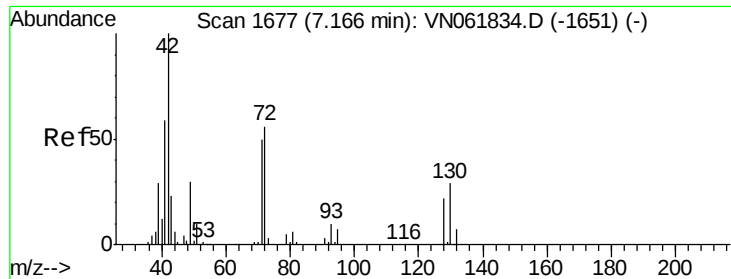


Abundance Ion 48.90 (48.60 to 49.60): VN061834.D (-1652) (-)

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

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

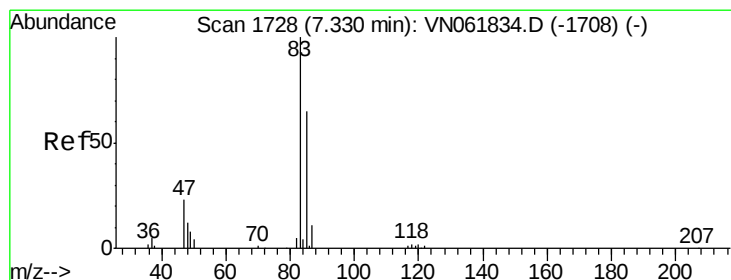
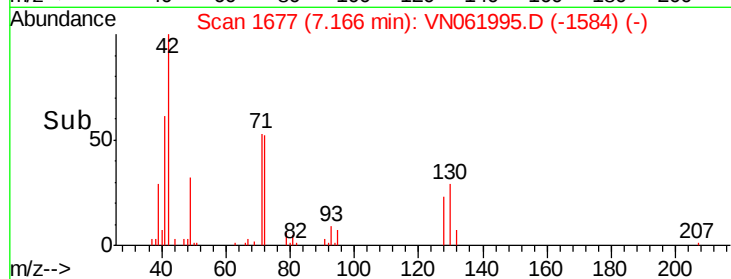
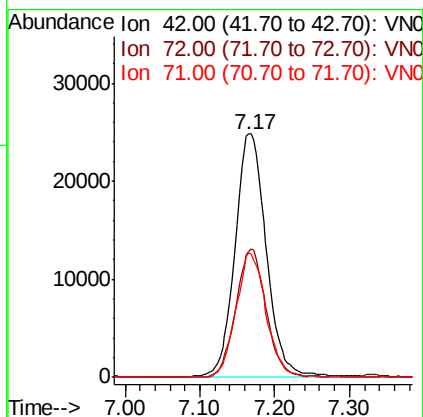
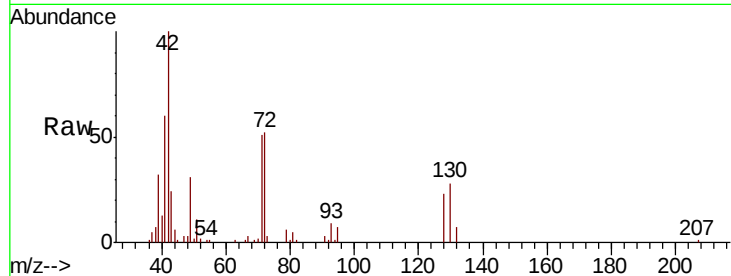




#29
Tetrahydrofuran
Concen: 111.884 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

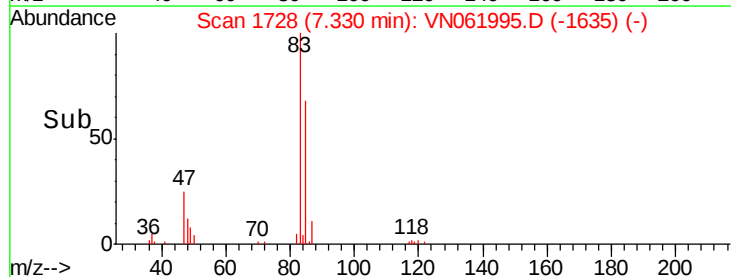
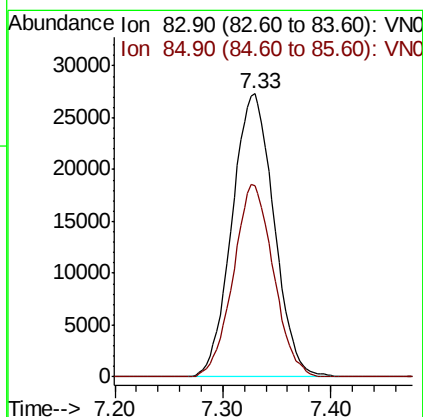
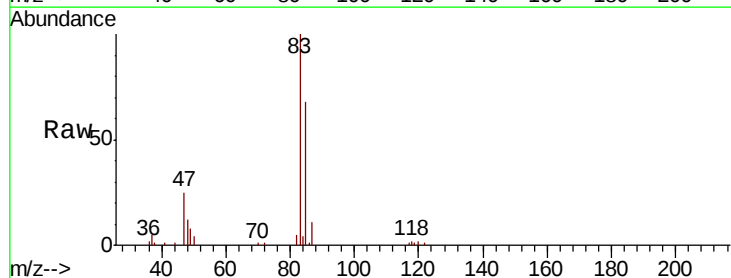
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

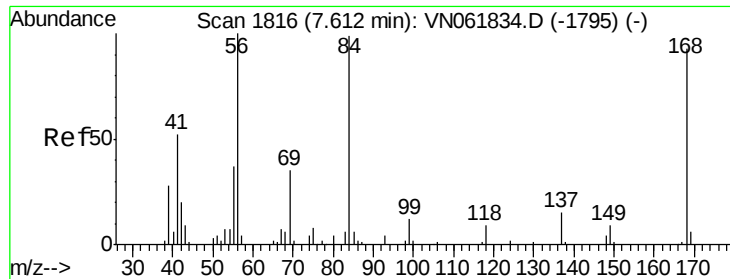
Tot Ion: 42 Resp: 72487
Ion Ratio Lower Upper
42 100
72 50.5 44.0 66.0
71 48.8 40.0 60.0



#30
Chloroform
Concen: 20.086 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion: 83 Resp: 73818
Ion Ratio Lower Upper
83 100
85 67.8 52.0 78.0

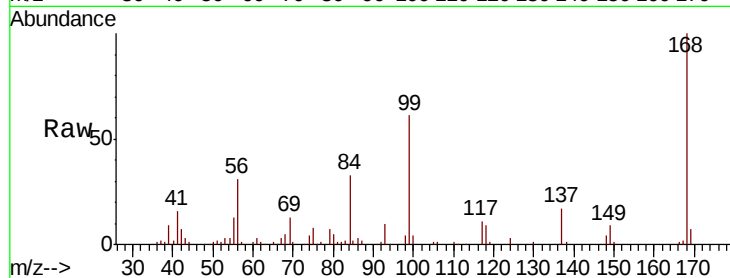




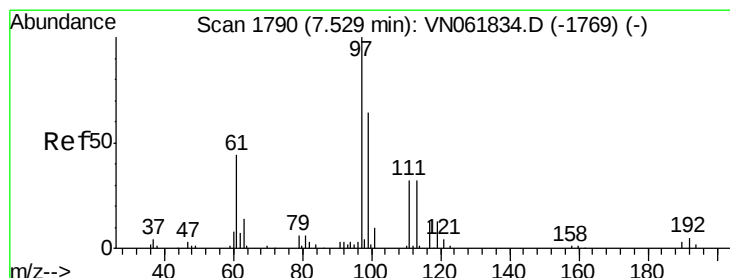
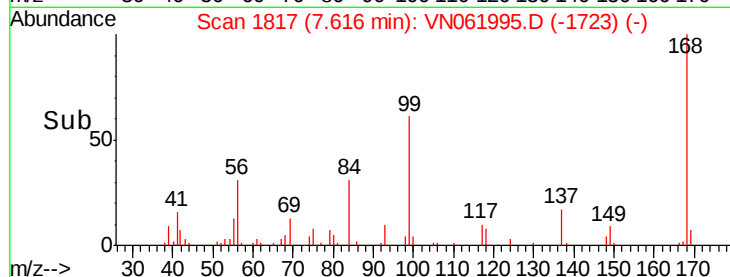
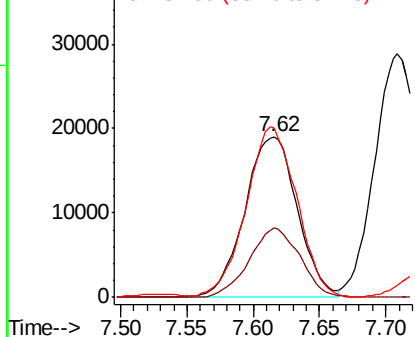
#31
Cyclohexane
Concen: 17.446 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion: 56 Resp: 52517
Ion Ratio Lower Upper
56 100
69 43.2 27.7 41.5#
84 103.8 79.1 118.7

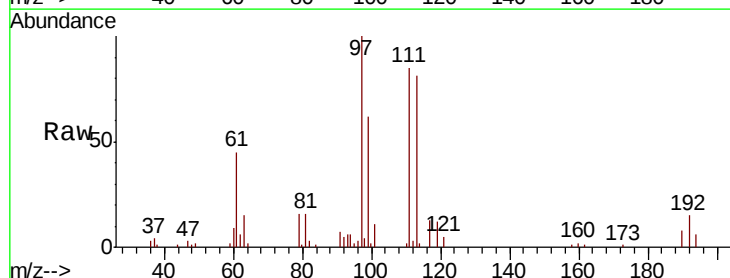


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

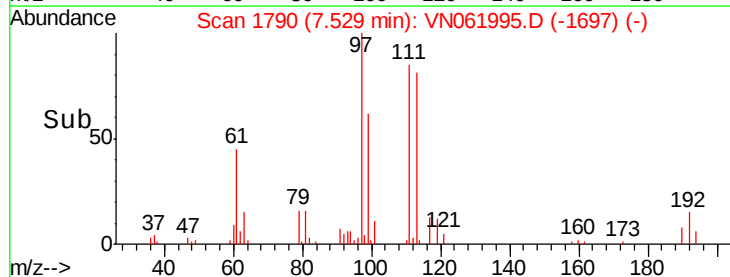
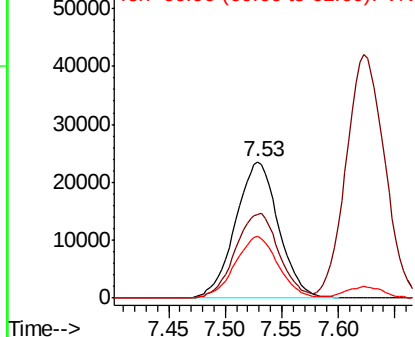


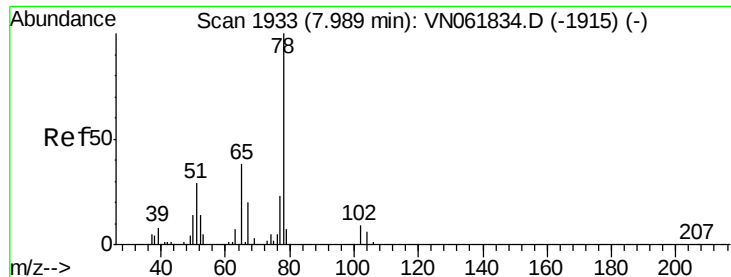
#32
1,1,1-Trichloroethane
Concen: 19.916 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion: 97 Resp: 62334
Ion Ratio Lower Upper
97 100
99 63.0 51.5 77.3
61 45.3 35.1 52.7



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

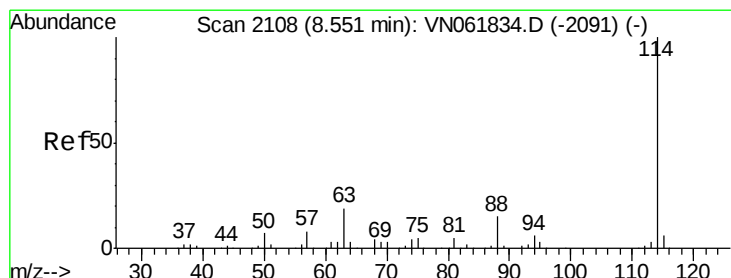
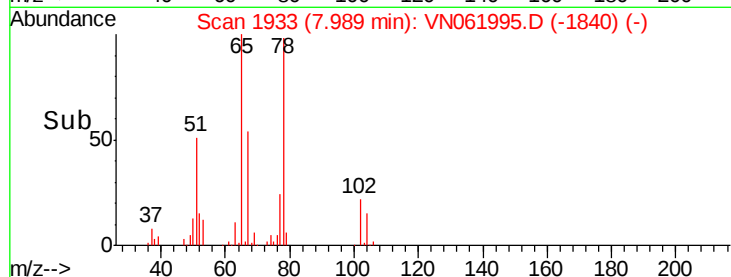
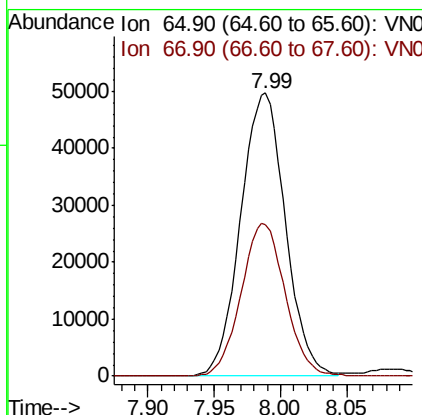
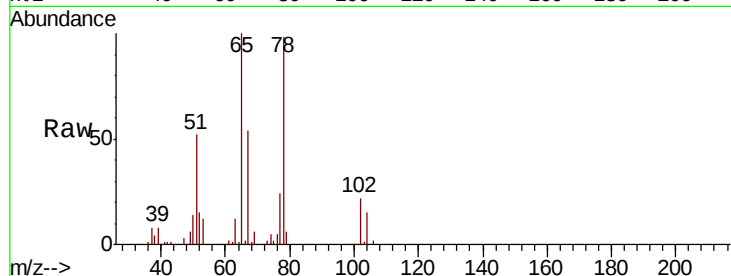




#33
 1,2-Dichloroethane-d4
 Concen: 51.131 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

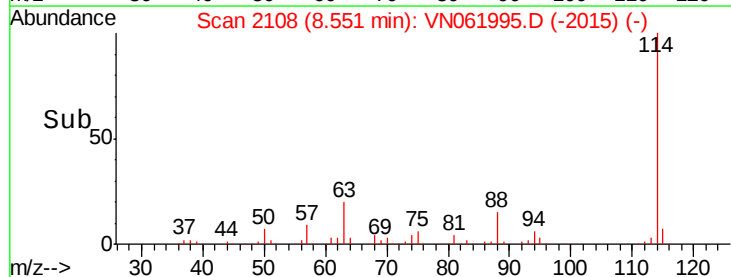
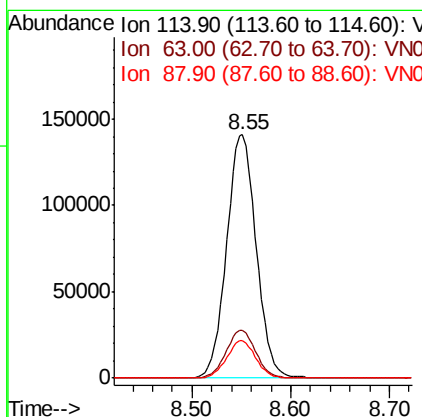
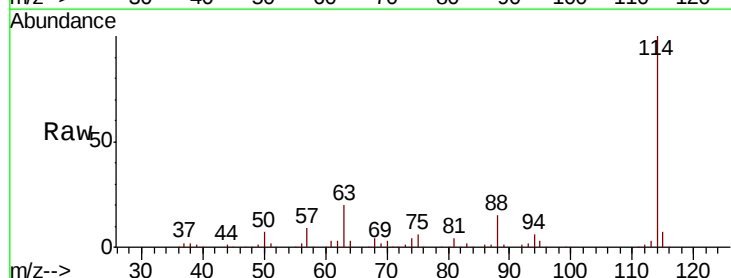
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion: 65 Resp: 116798
 Ion Ratio Lower Upper
 65 100
 67 53.3 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: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion: 114 Resp: 295636
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.6
 88 15.4 0.0 31.0

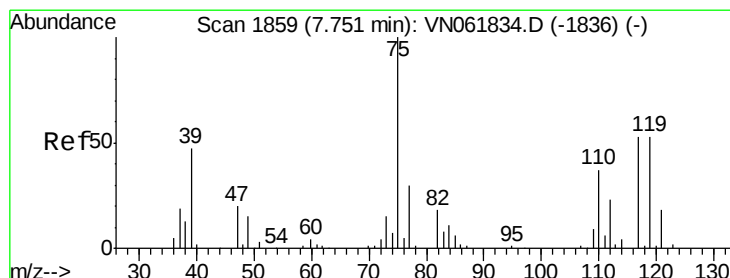
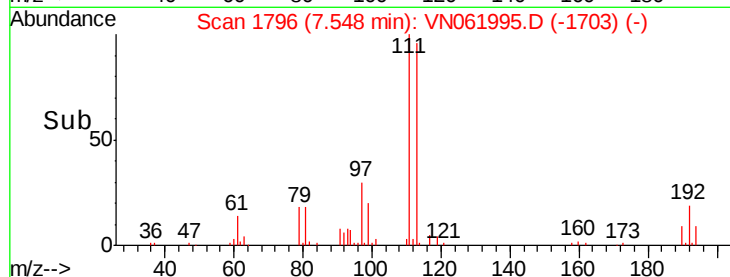
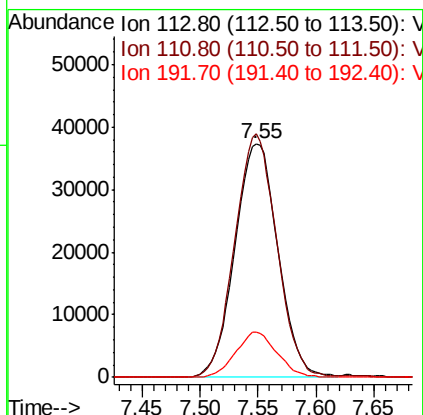
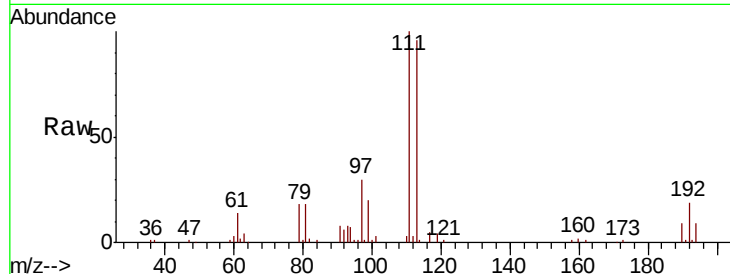




#35
 Dibromofluoromethane
 Concen: 51.031 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

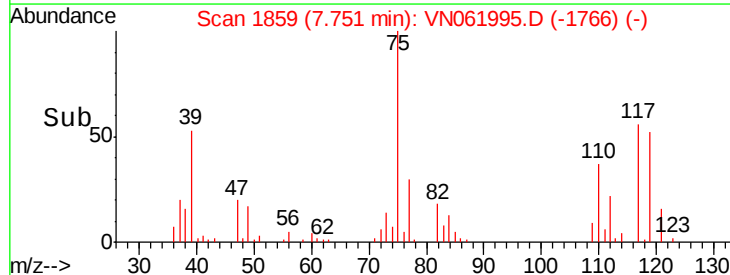
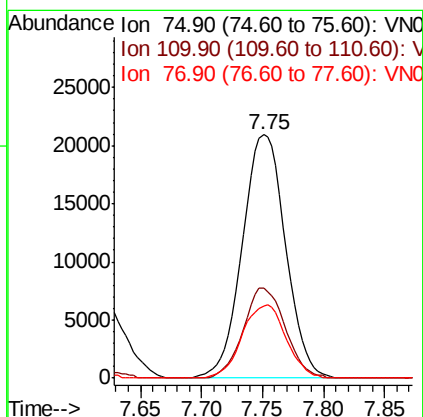
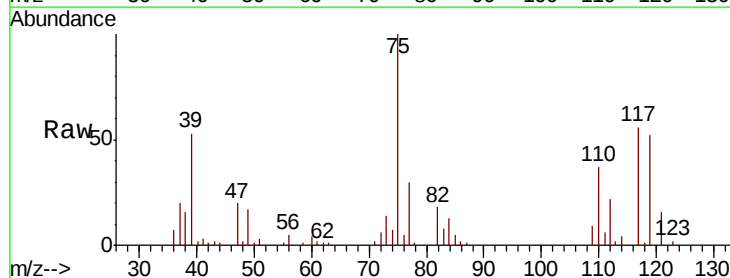
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

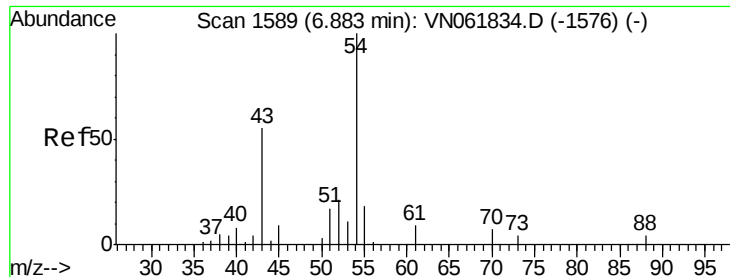
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.7	125.5
192	18.4	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 19.028 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.2	54.6
77	30.6	24.2	36.4

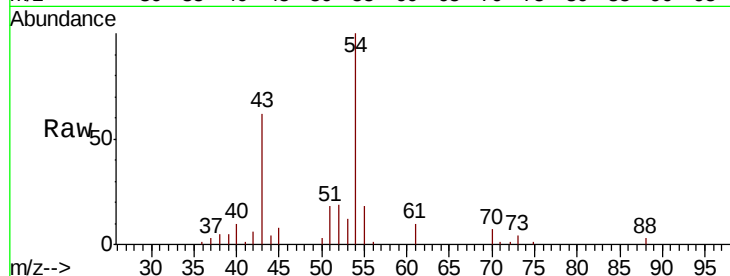




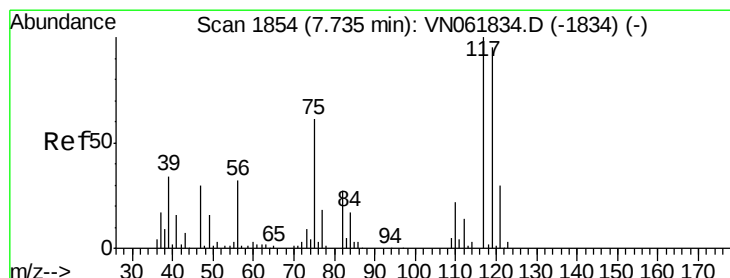
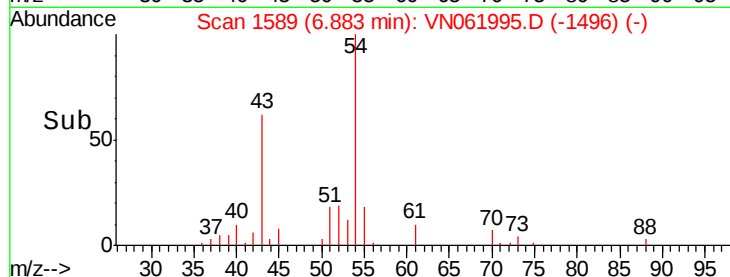
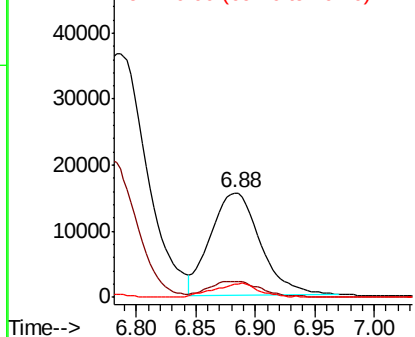
#37
Ethyl Acetate
Concen: 21.486 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampled :
VN0622WBS01

Tot Ion: 43 Resp: 45244
Ion Ratio Lower Upper
43 100
61 16.5 13.0 19.4
70 11.9 9.4 14.2

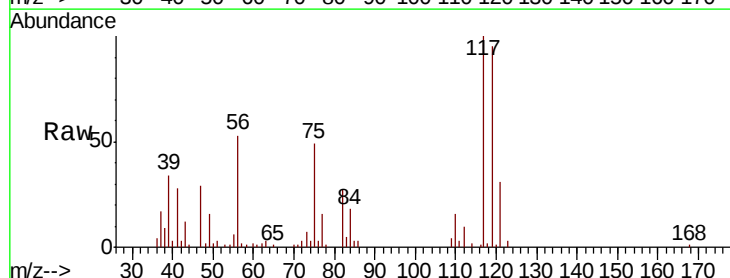


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

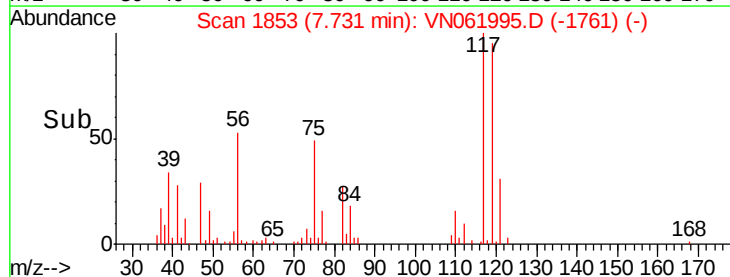
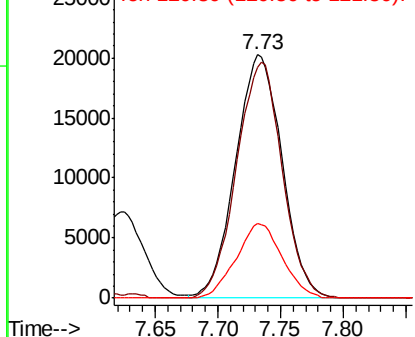


#38
Carbon Tetrachloride
Concen: 19.565 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion: 117 Resp: 52246
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.6
121 30.6 23.8 35.6



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

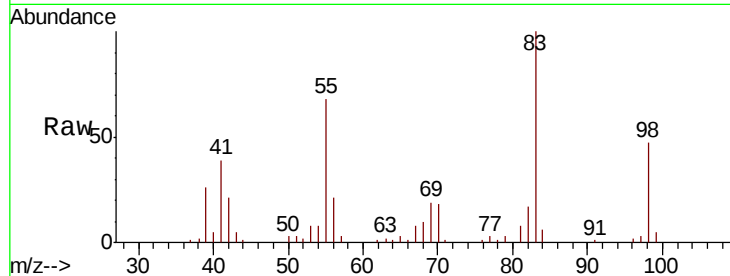




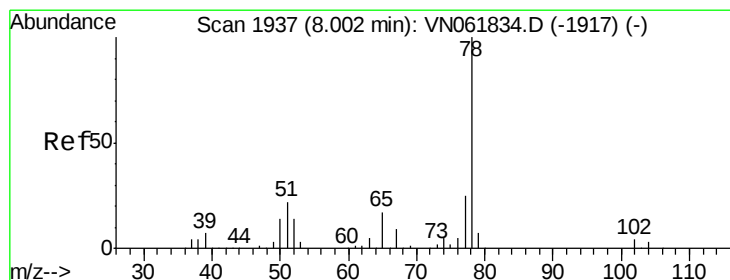
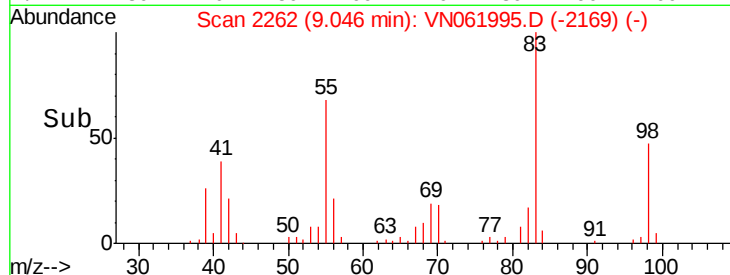
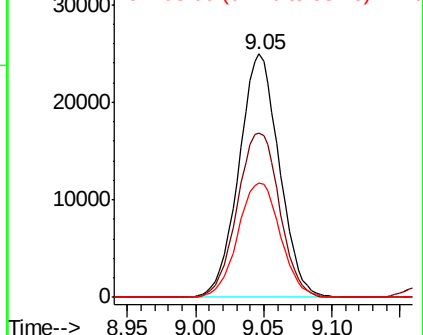
#39
Methvlcvclohexane
Concen: 17.653 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion: 83 Resp: 51258
Ion Ratio Lower Upper
83 100
55 67.7 54.2 81.4
98 47.0 39.8 59.6

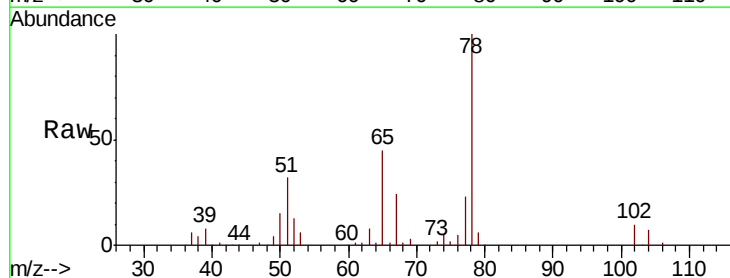


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

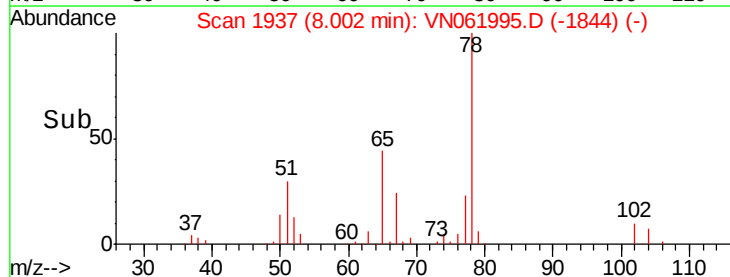
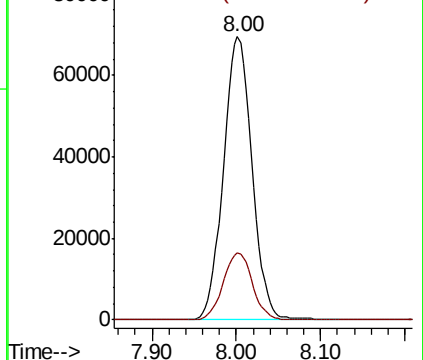


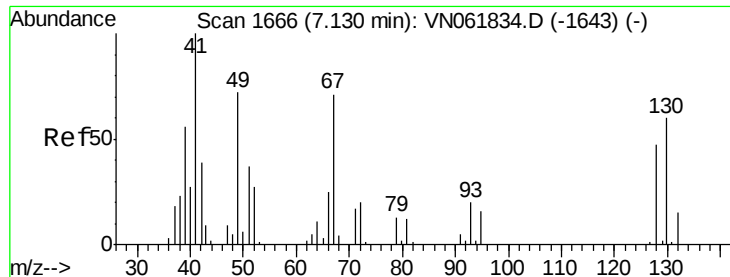
#40
Benzene
Concen: 20.001 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion: 78 Resp: 163374
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

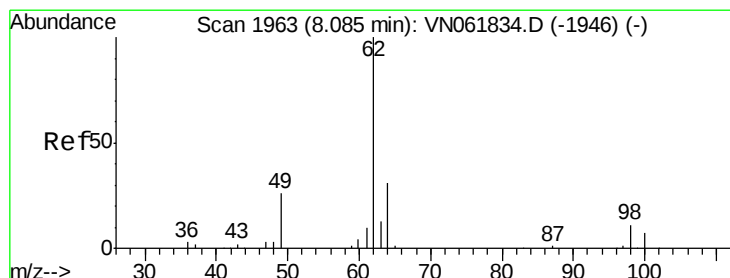
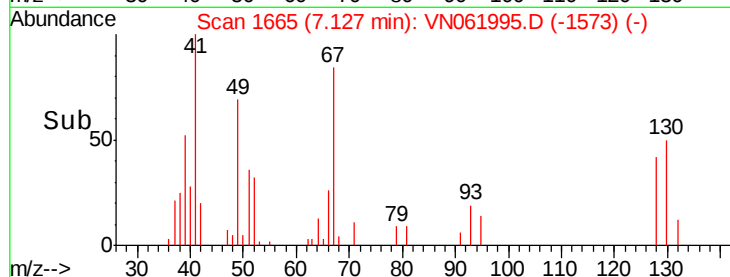
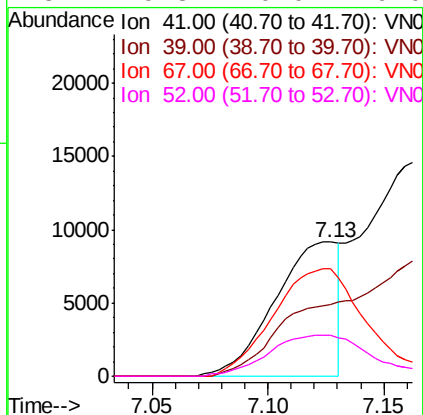
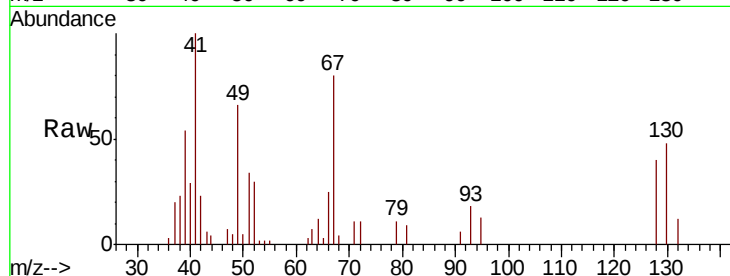




#41
Methacrylonitrile
Concen: 19.367 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

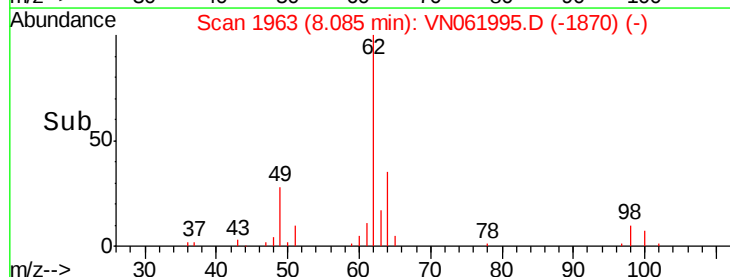
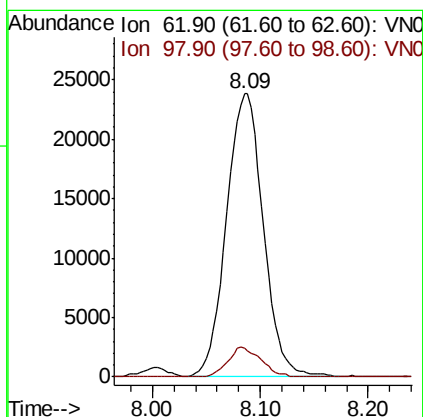
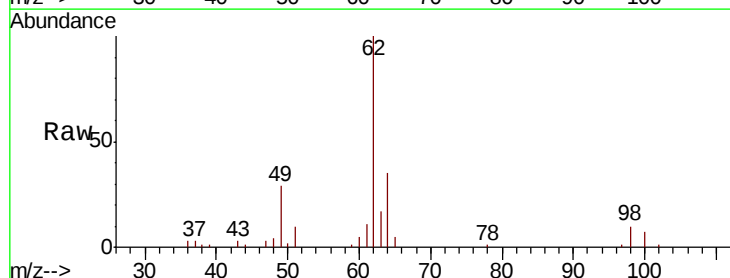
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

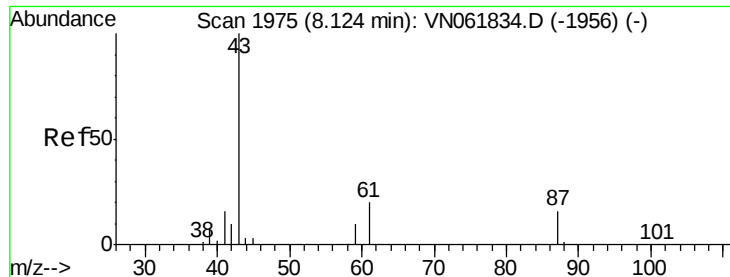
Tot Ion: 41 Resp: 17439
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 116.7 0.0 0.0#
52 49.3 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.343 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion: 62 Resp: 56660
Ion Ratio Lower Upper
62 100
98 9.3 0.0 20.4





#43

Isopropyl Acetate

Concen: 21.273 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

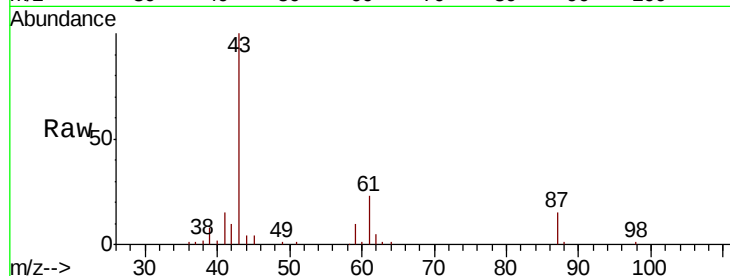
Tot Ion: 43 Resp: 75489

Ion Ratio Lower Upper

43 100

61 29.9 24.0 36.0

87 15.2 12.5 18.7

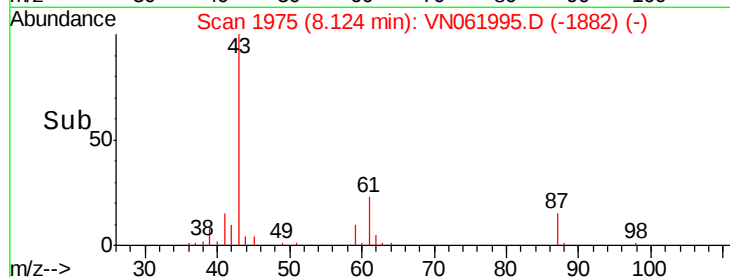


Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

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

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

8.12



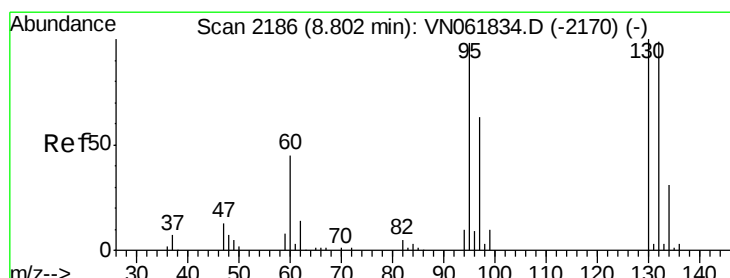
Abundance Ion 43.00 (42.70 to 43.70): VN061995.D (-1882) (-)

Ion 61.00 (60.70 to 61.70): VN061995.D (-1882) (-)

Ion 87.00 (86.70 to 87.70): VN061995.D (-1882) (-)

8.12

Time-->



#44

Trichloroethene

Concen: 19.302 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061995.D

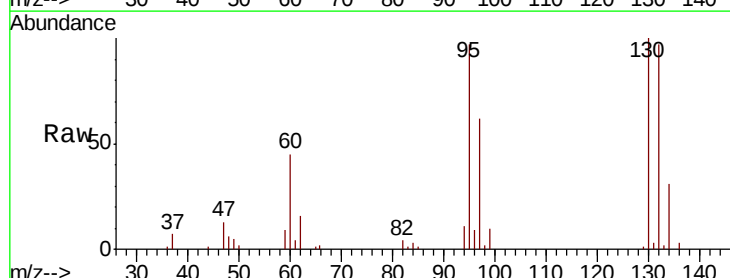
Acq: 22 Jun 2020 13:25

Tgt Ion:130 Resp: 41494

Ion Ratio Lower Upper

130 100

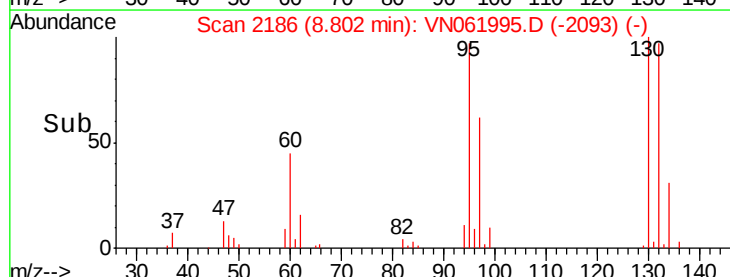
95 96.6 0.0 195.6



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

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

8.80

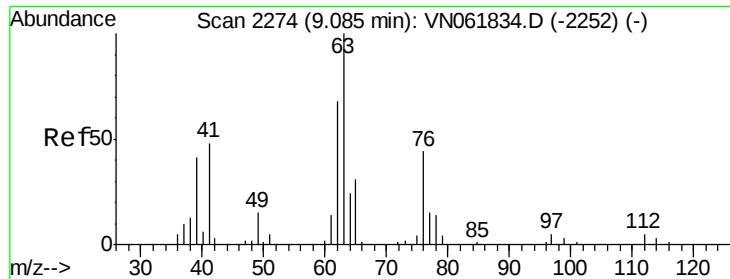


Abundance Ion 129.80 (129.50 to 130.50): VN061995.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN061995.D (-2093) (-)

8.80

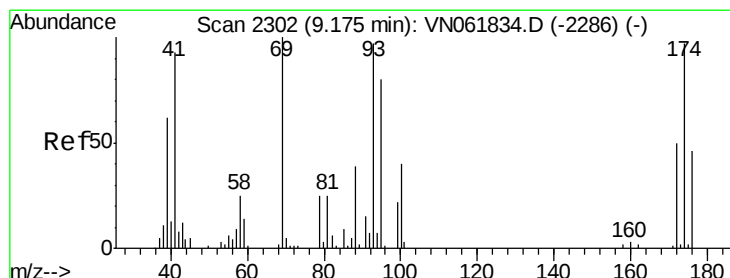
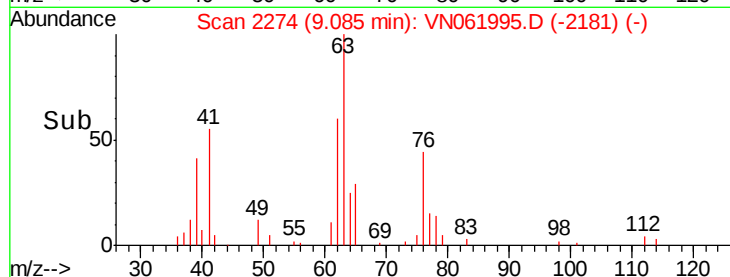
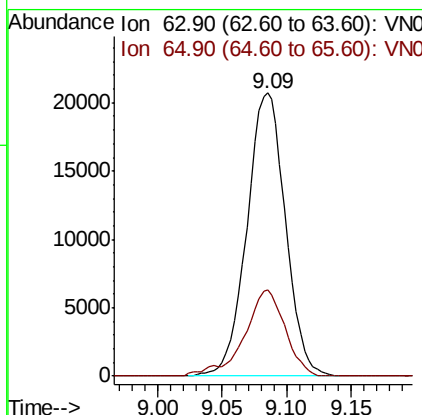
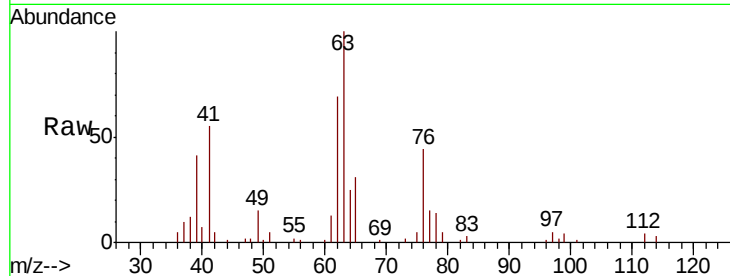
Time-->



#45
 1,2-Dichloropropane
 Concen: 21.485 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

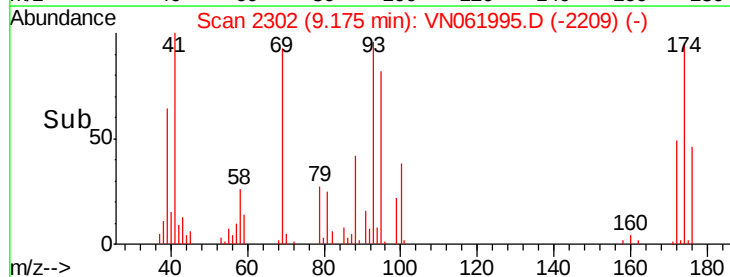
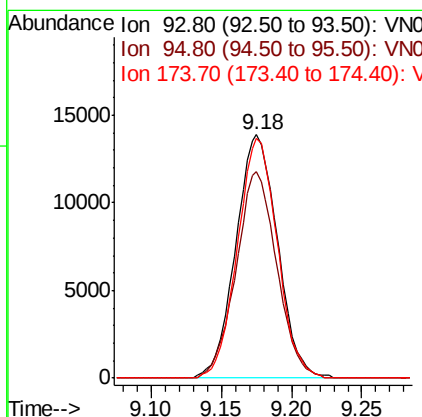
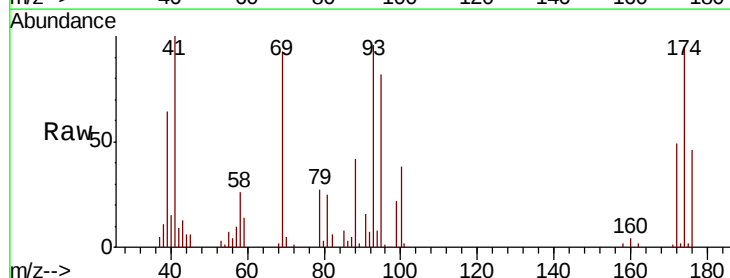
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion: 63 Resp: 43129
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.1 37.7



#46
 Dibromomethane
 Concen: 20.376 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion: 93 Resp: 28803
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.8 98.6
 174 94.0 78.5 117.7

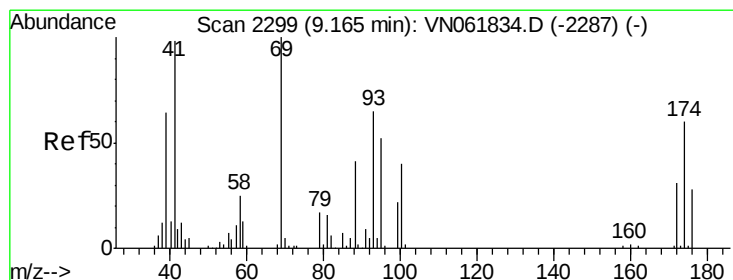
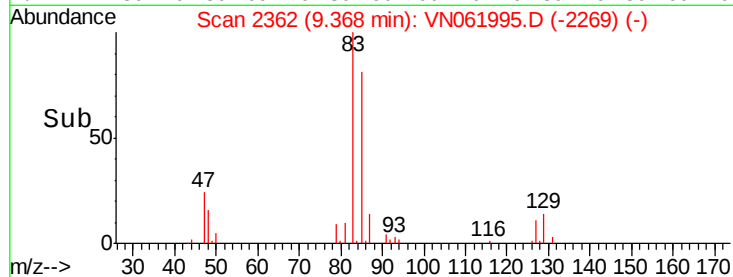
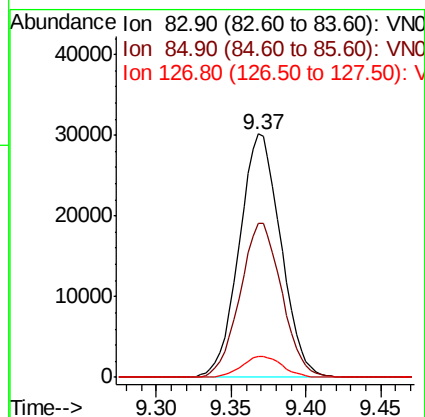
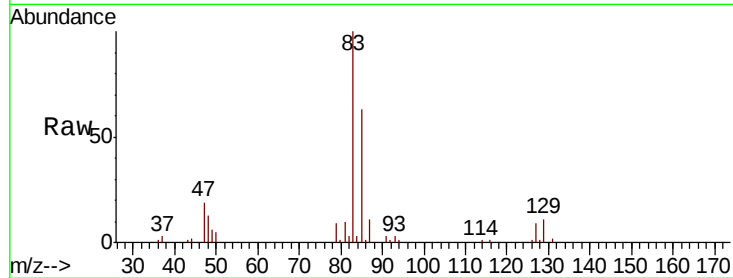




#47
 Bromodichloromethane
 Concen: 20.167 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

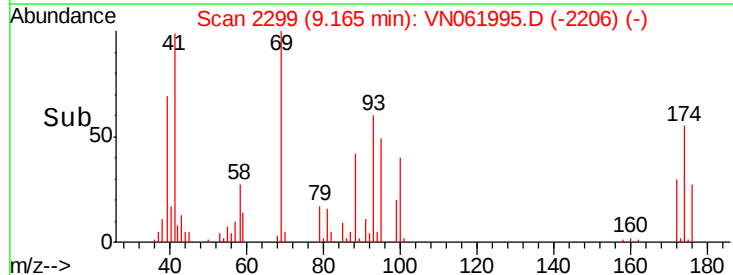
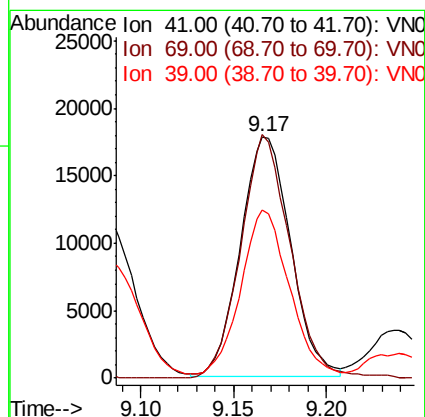
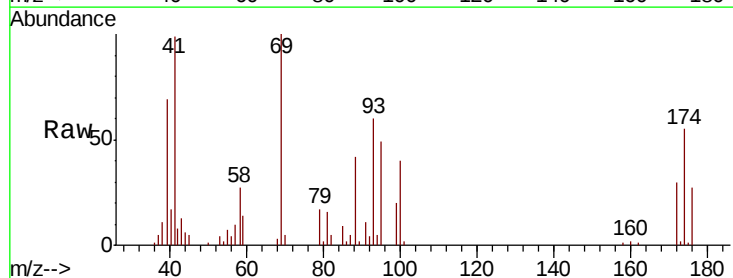
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion: 83 Resp: 58373
 Ion Ratio Lower Upper
 83 100
 85 63.1 50.8 76.2
 127 8.7 7.0 10.4



#48
 Methyl methacrylate
 Concen: 20.741 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion: 41 Resp: 33472
 Ion Ratio Lower Upper
 41 100
 69 100.6 83.0 124.4
 39 69.3 55.1 82.7





#49

1,4-Dioxane

Concen: 416.077 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

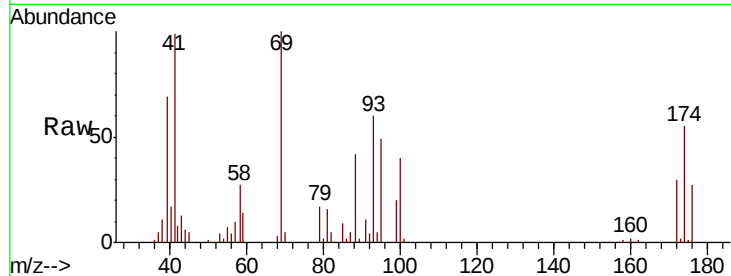
Tot Ion: 88 Resp: 15416

Ion Ratio Lower Upper

88 100

43 30.6 23.4 35.2

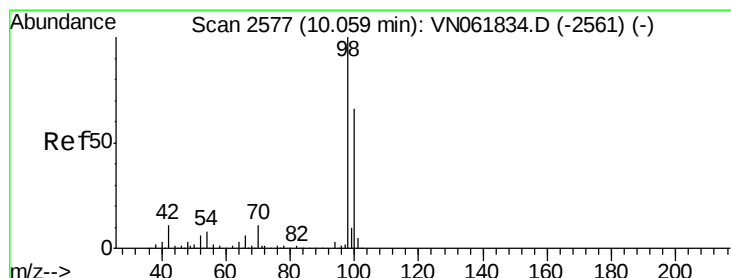
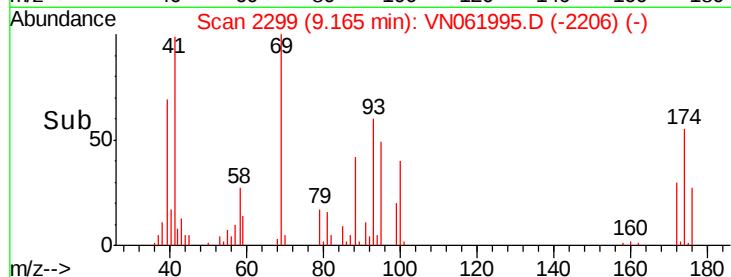
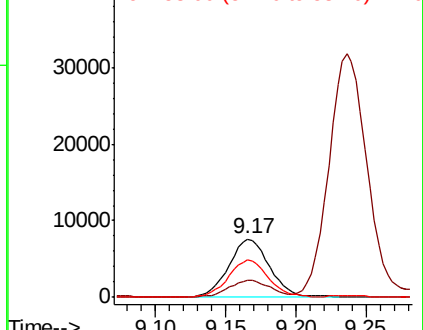
58 62.4 49.8 74.6



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

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

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



#50

Toluene-d8

Concen: 49.741 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061995.D

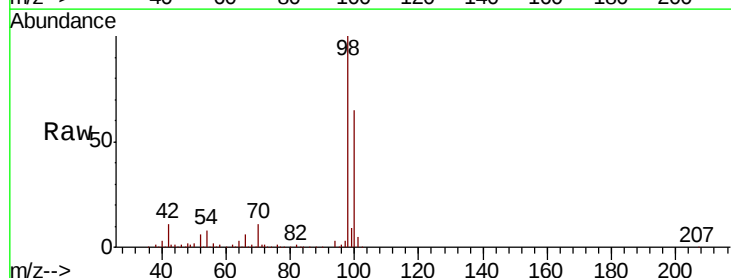
Acq: 22 Jun 2020 13:25

Tgt Ion: 98 Resp: 369849

Ion Ratio Lower Upper

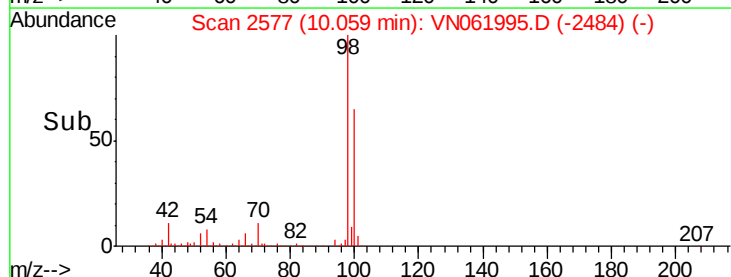
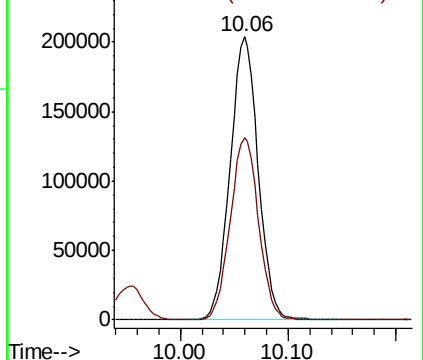
98 100

100 65.2 52.7 79.1



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

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





#51

4-Methyl-2-Pentanone

Concen: 110.218 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

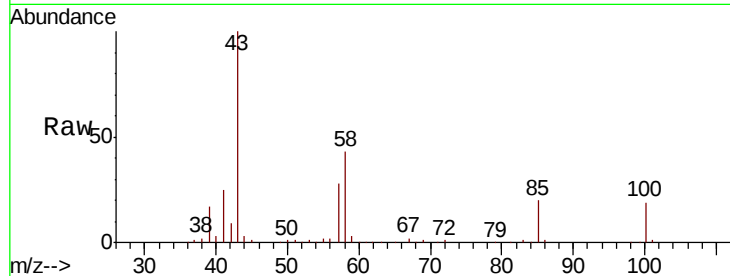
VN0622WBS01

Tot Ion: 43 Resp: 231130

Ion Ratio Lower Upper

43 100

58 42.8 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

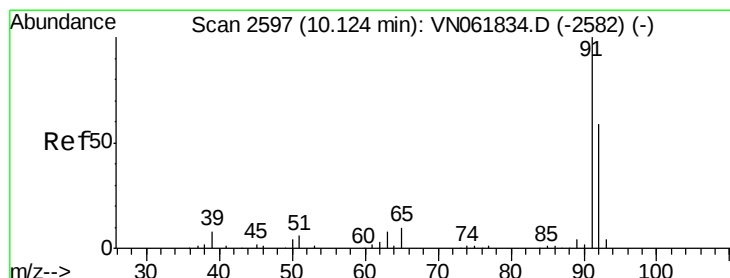
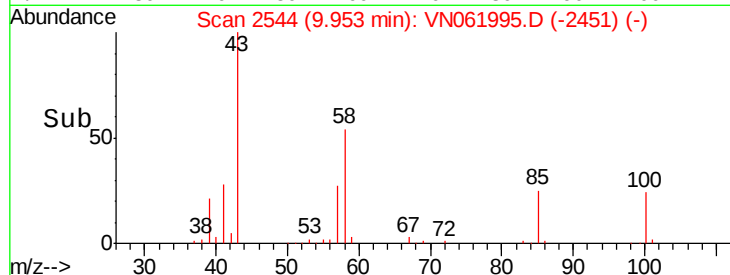
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.120 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061995.D

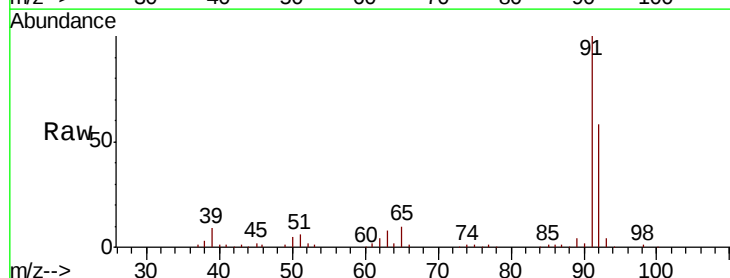
Acq: 22 Jun 2020 13:25

Tgt Ion: 92 Resp: 103214

Ion Ratio Lower Upper

92 100

91 173.1 137.1 205.7



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

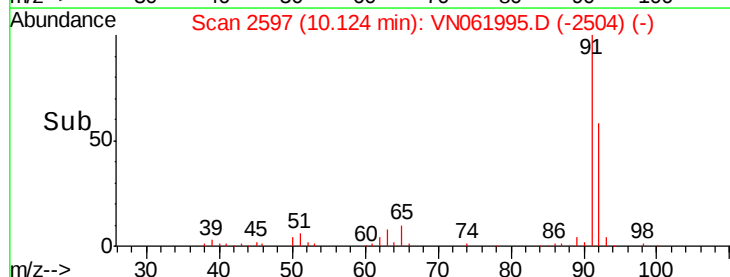
60000

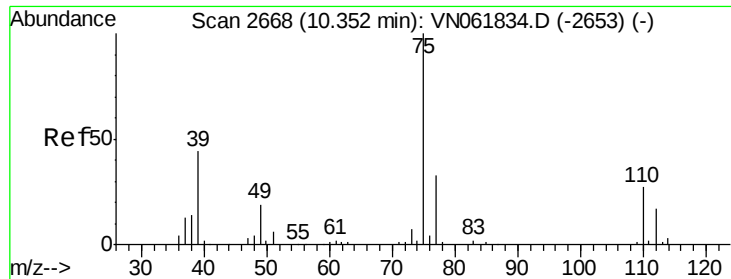
40000

20000

0

Time-->

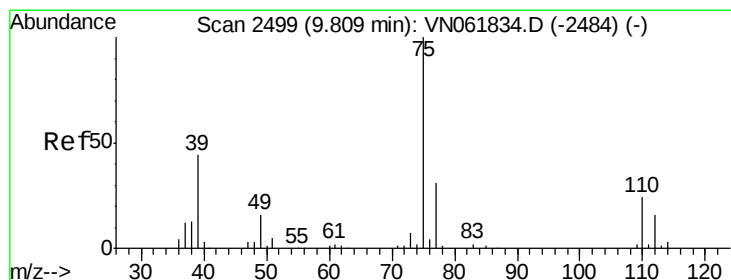
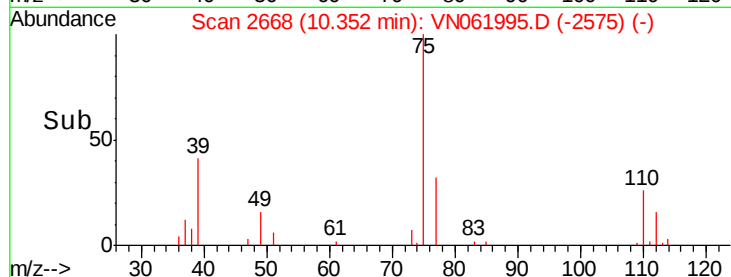
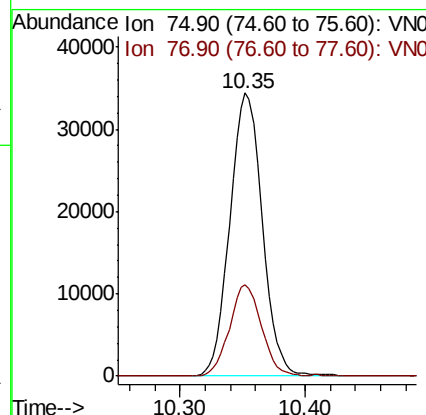
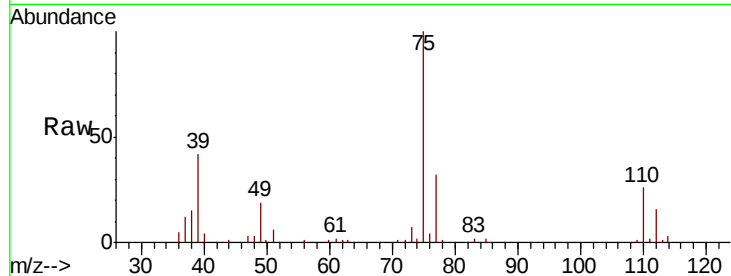




#53
t-1,3-Dichloropropene
Concen: 20.111 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

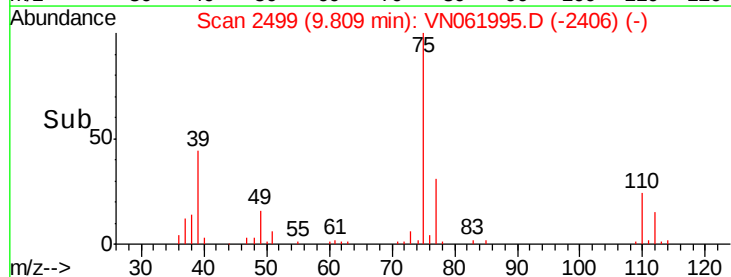
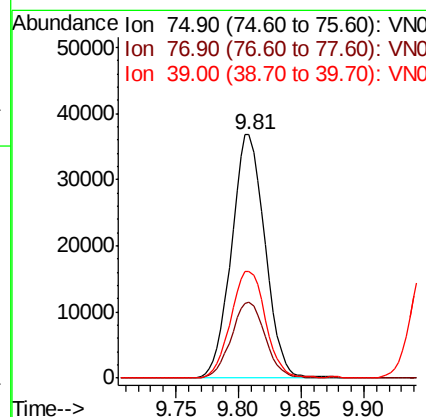
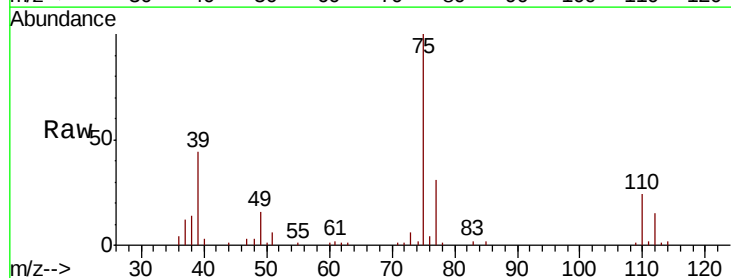
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

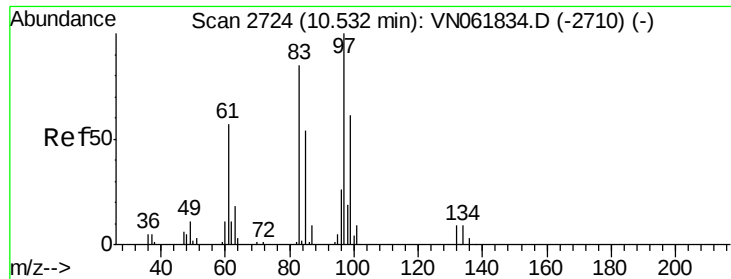
Tot Ion: 75 Resp: 61796
Ion Ratio Lower Upper
75 100
77 32.3 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 20.487 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion: 75 Resp: 68376
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 44.0 35.4 53.0

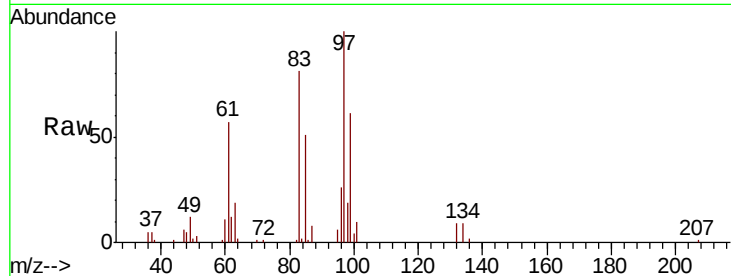




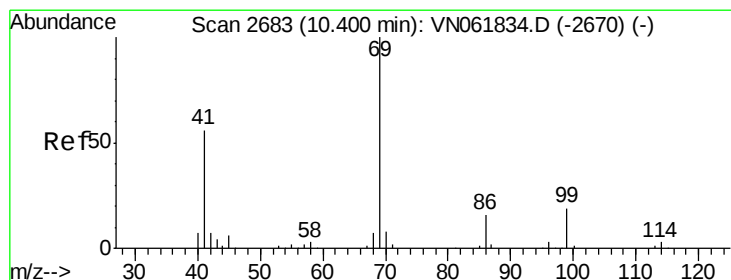
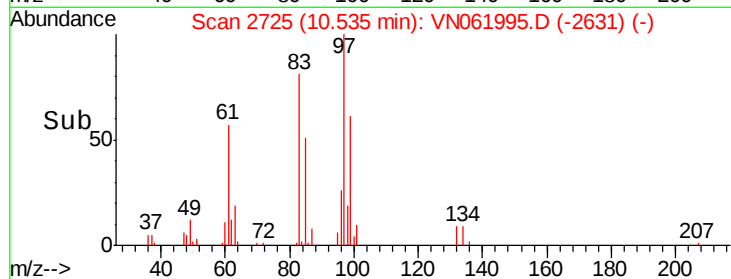
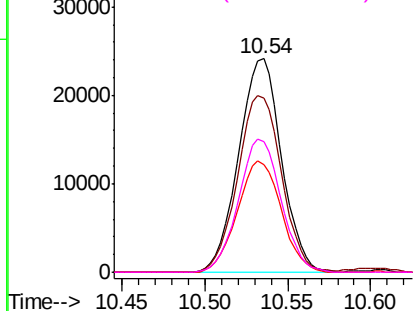
#55
 1,1,2-Trichloroethane
 Concen: 21.466 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion: 97 Resp: 43326
 Ion Ratio Lower Upper
 97 100
 83 81.4 67.7 101.5
 85 50.6 43.4 65.0
 99 61.3 48.8 73.2

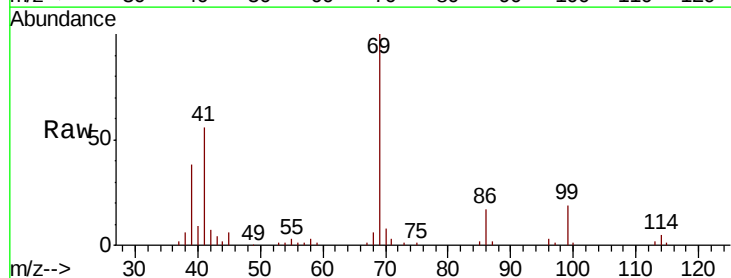


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

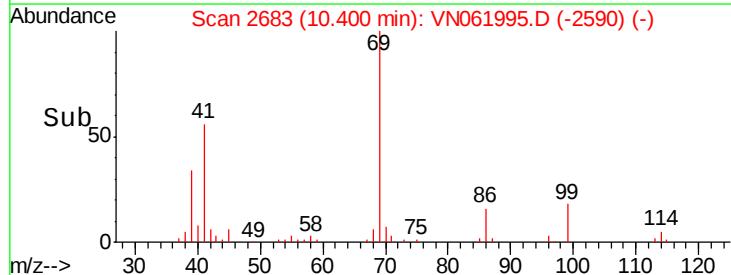
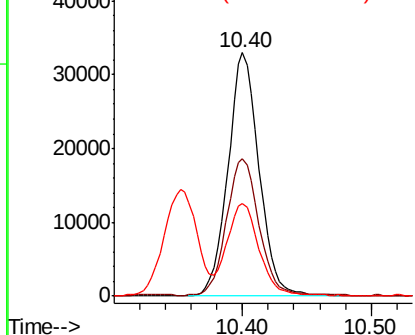


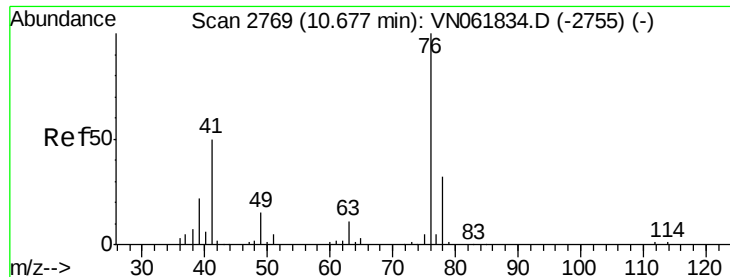
#56
 Ethyl methacrylate
 Concen: 19.754 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion: 69 Resp: 55156
 Ion Ratio Lower Upper
 69 100
 41 59.5 44.9 67.3
 39 38.1 30.0 45.0



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

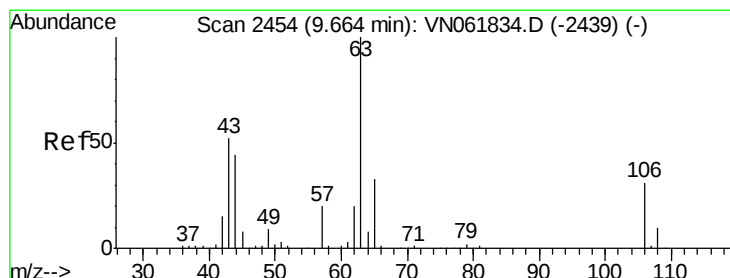
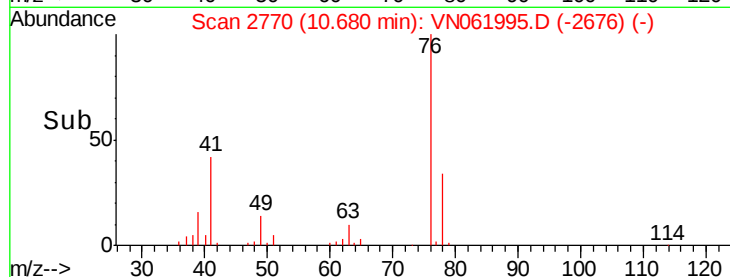
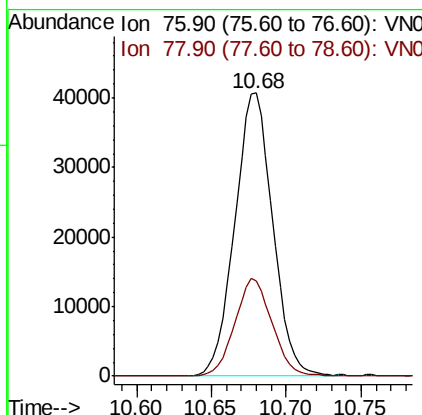
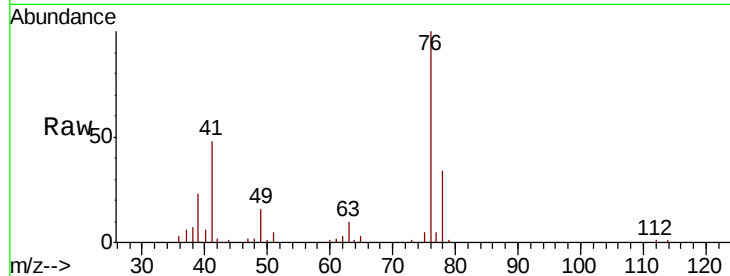




#57
 1,3-Dichloropropane
 Concen: 21.004 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

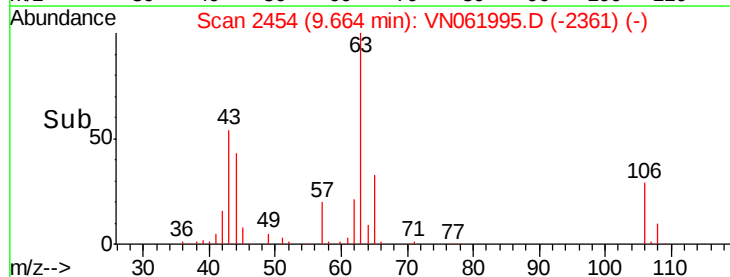
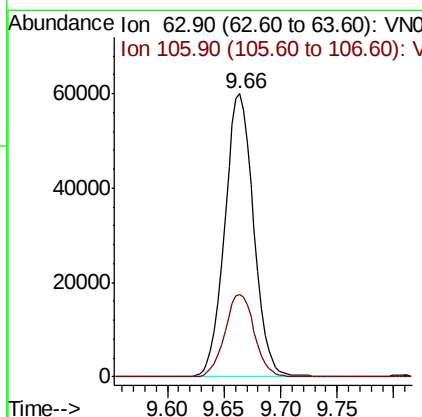
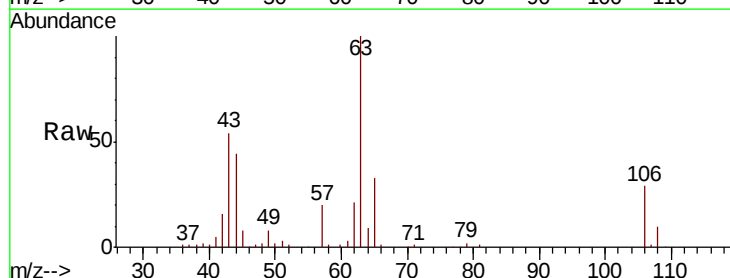
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

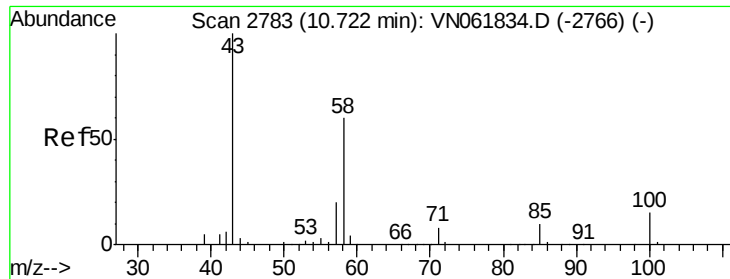
Tot Ion: 76 Resp: 71823
 Ion Ratio Lower Upper
 76 100
 78 33.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.052 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion: 63 Resp: 106579
 Ion Ratio Lower Upper
 63 100
 106 29.7 24.6 36.8

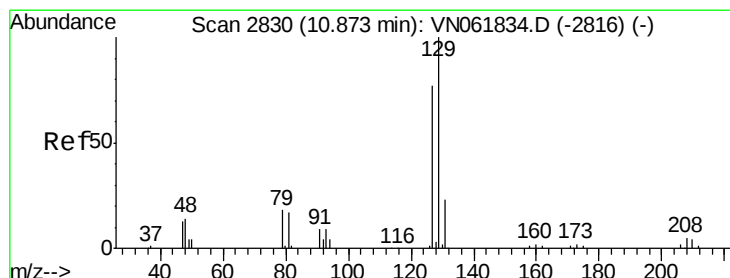
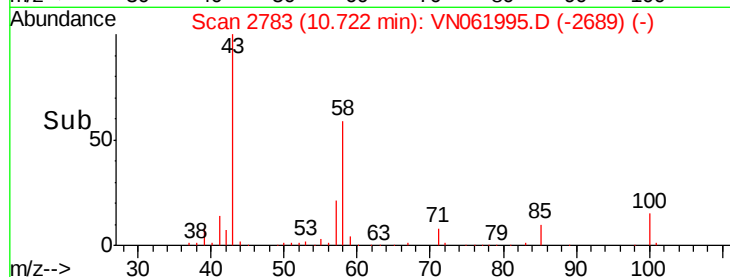
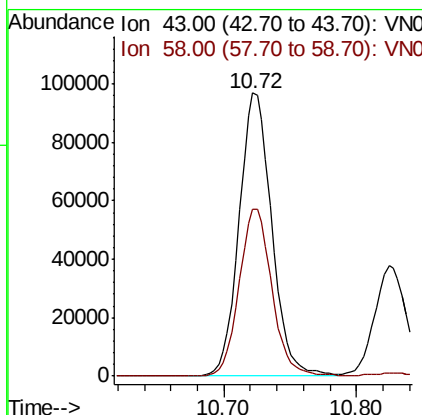
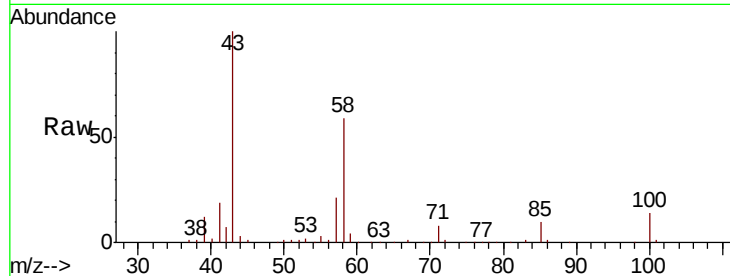




#59
2-Hexanone
Concen: 107.237 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

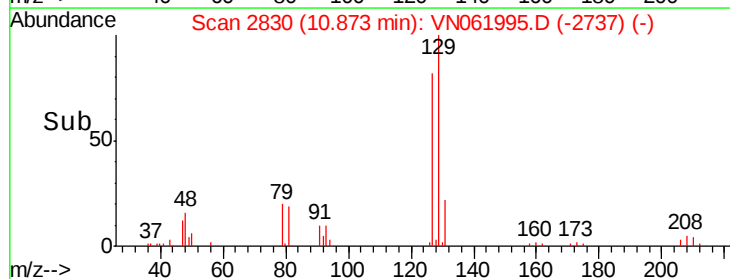
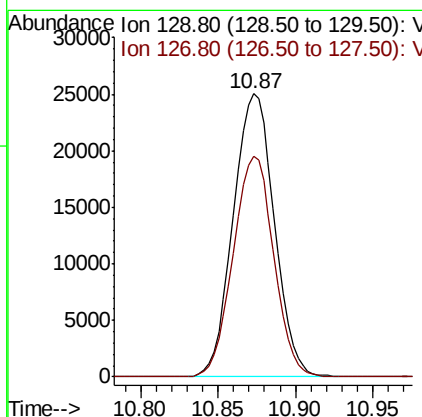
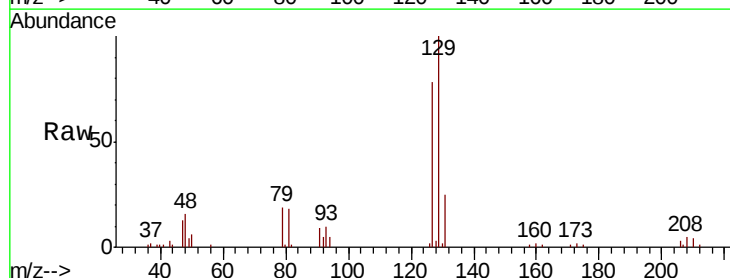
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion: 43 Resp: 166104
Ion Ratio Lower Upper
43 100
58 59.1 30.1 90.5



#60
Dibromochloromethane
Concen: 20.507 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion:129 Resp: 46187
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

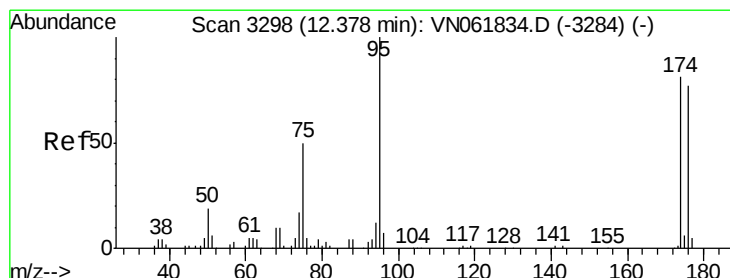
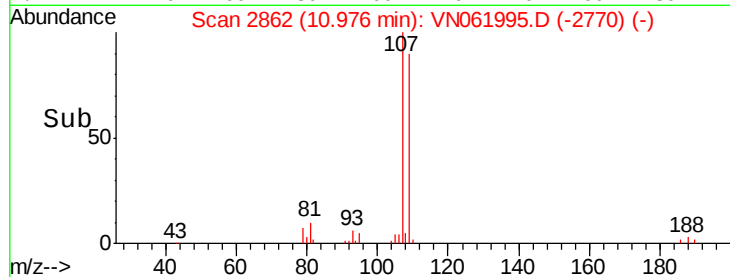
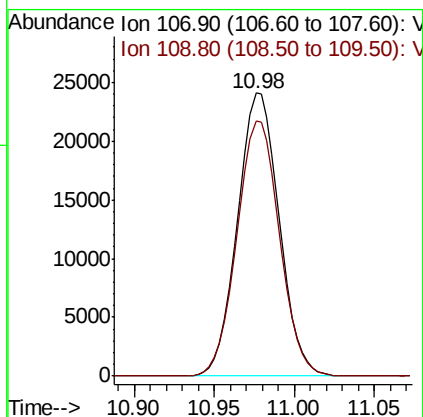
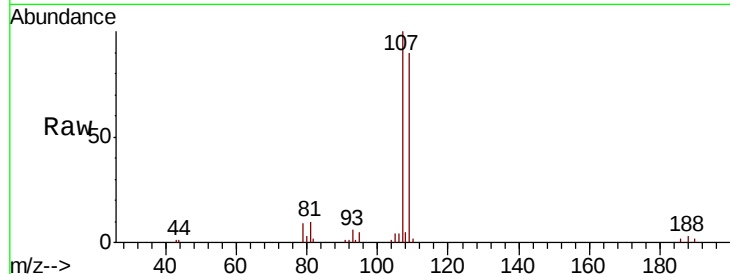




#61
 1,2-Dibromoethane
 Concen: 20.292 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

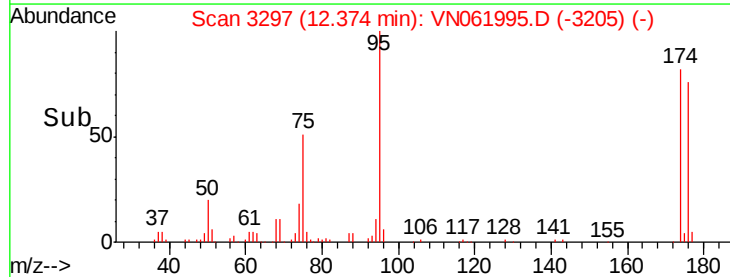
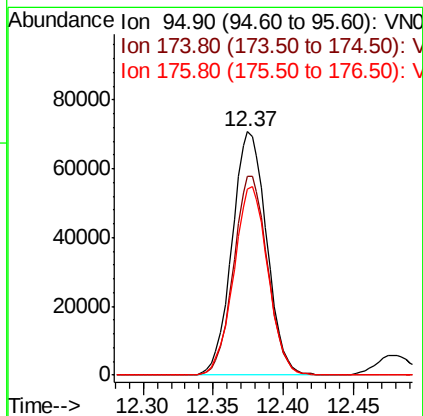
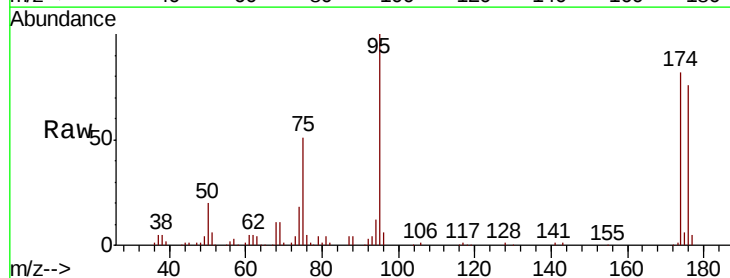
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

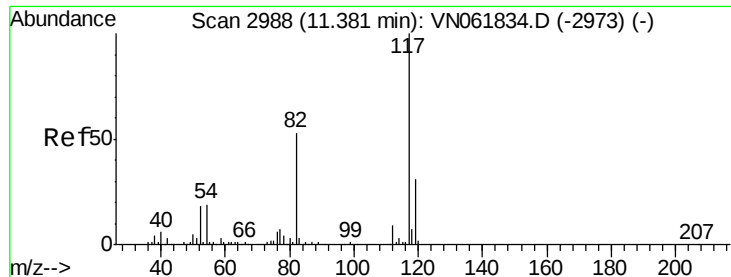
Tot Ion: 107 Resp: 42768
 Ion Ratio Lower Upper
 107 100
 109 92.2 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.595 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion: 95 Resp: 121392
 Ion Ratio Lower Upper
 95 100
 174 80.4 0.0 158.6
 176 76.7 0.0 152.0

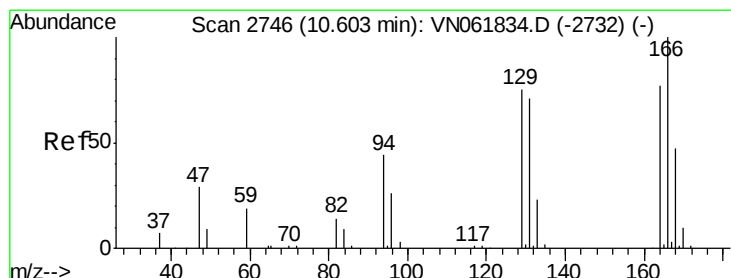
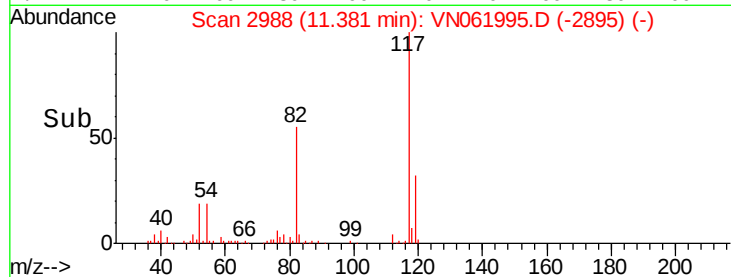
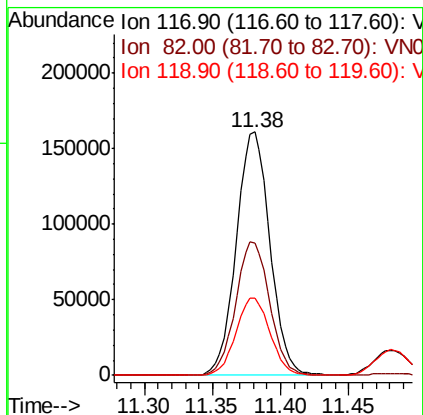
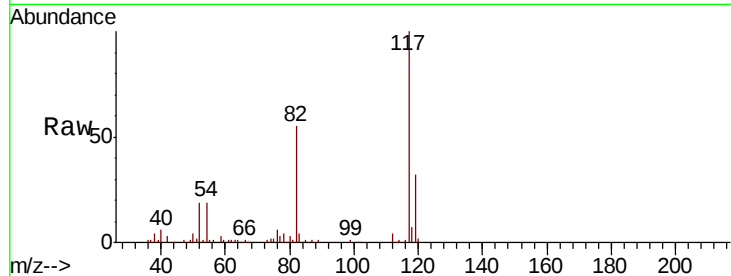




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

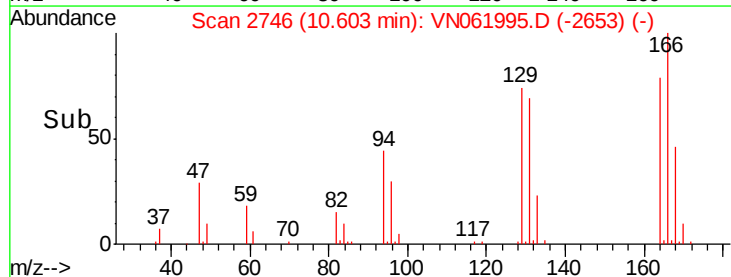
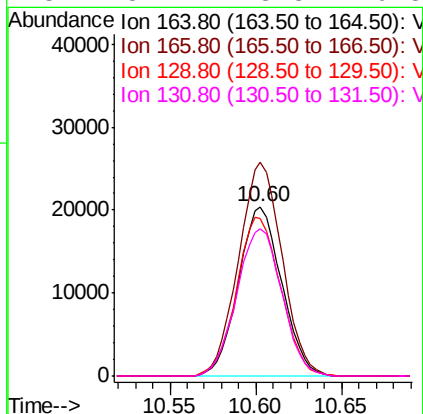
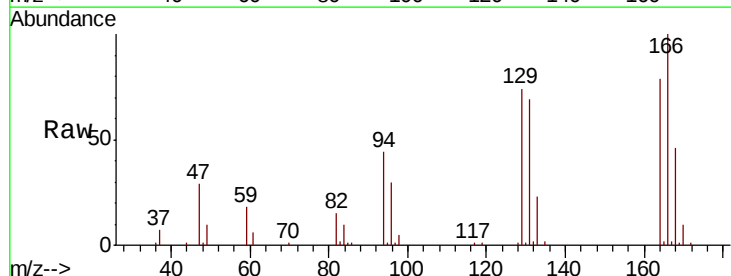
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion:117 Resp: 276491
Ion Ratio Lower Upper
117 100
82 54.5 42.6 64.0
119 31.6 24.7 37.1



#64
Tetrachloroethene
Concen: 20.143 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion:164 Resp: 35498
Ion Ratio Lower Upper
164 100
166 126.3 103.5 155.3
129 93.4 77.5 116.3
131 87.1 73.8 110.8





#65

Chlorobenzene

Concen: 19.446 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

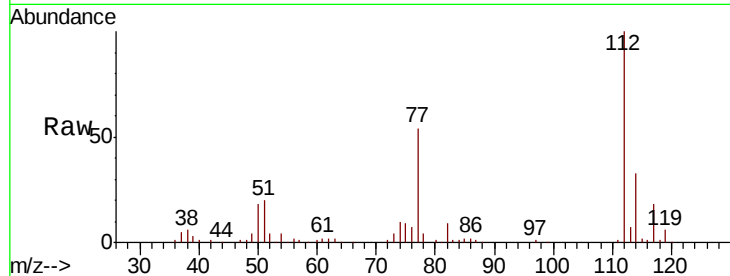
VN0622WBS01

Tot Ion:112 Resp: 113451

Ion Ratio Lower Upper

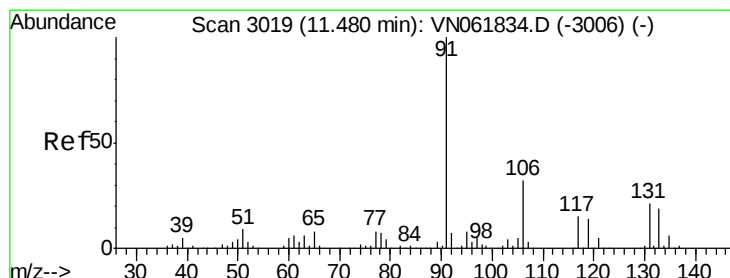
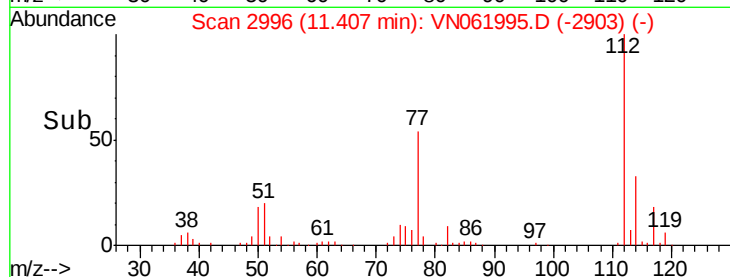
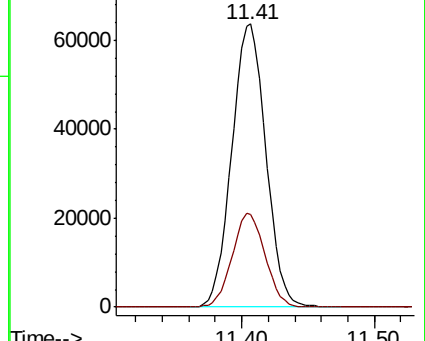
112 100

114 32.9 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.862 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

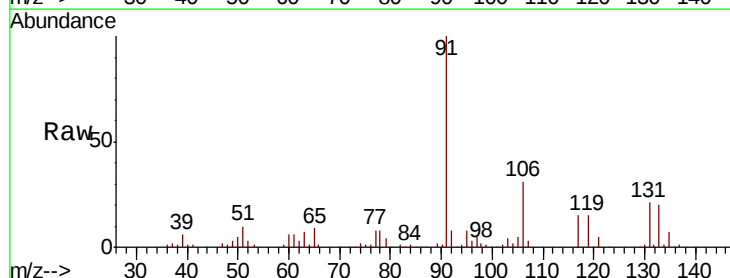
Tgt Ion:131 Resp: 40414

Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.5

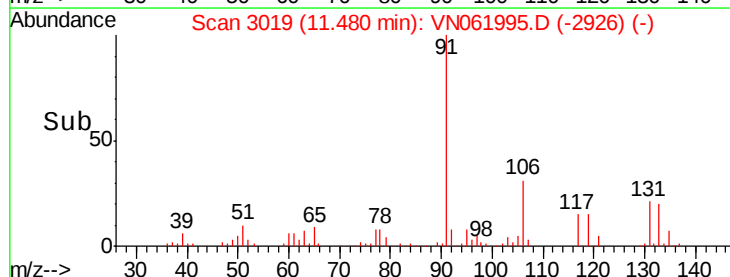
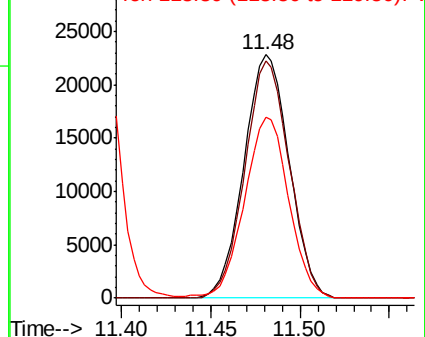
119 72.6 34.0 101.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

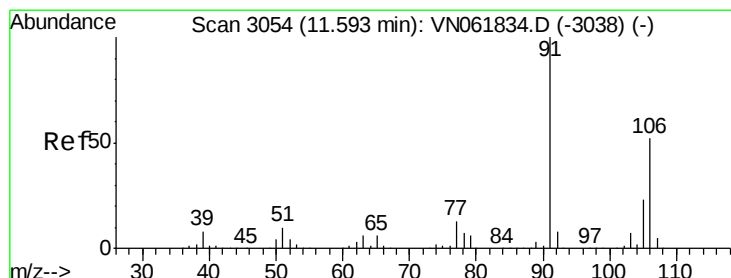
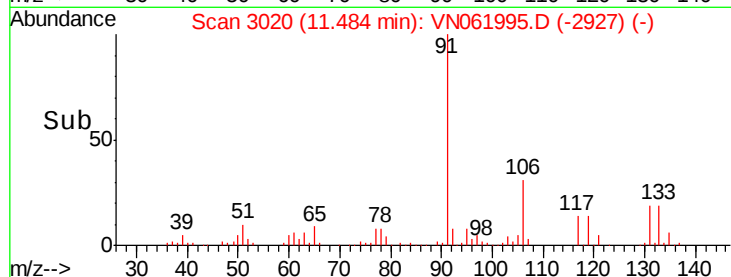
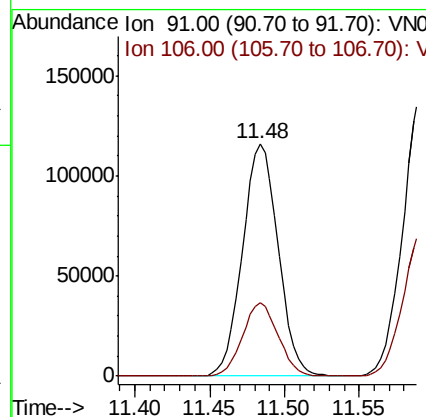
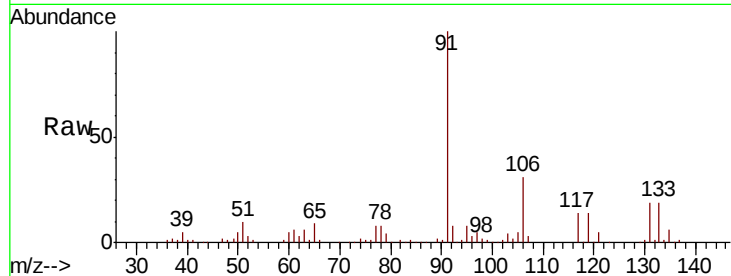




#67
Ethyl Benzene
Concen: 19.660 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

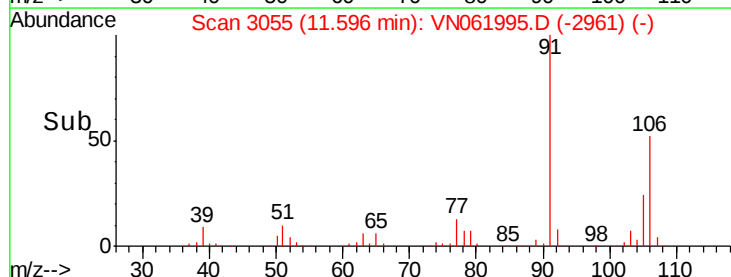
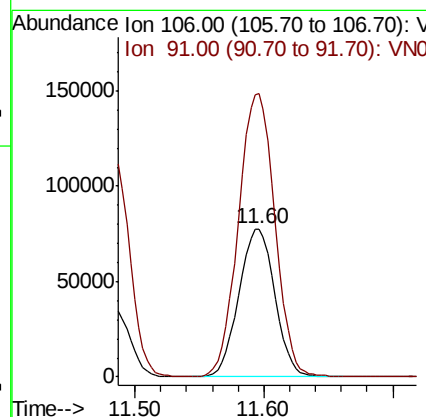
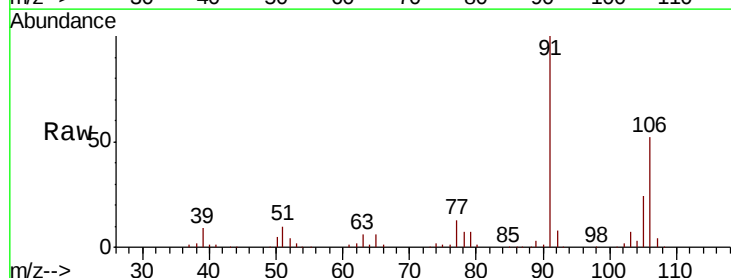
Instrument :
MSVOA_N
ClientSampled :
VN0622WBS01

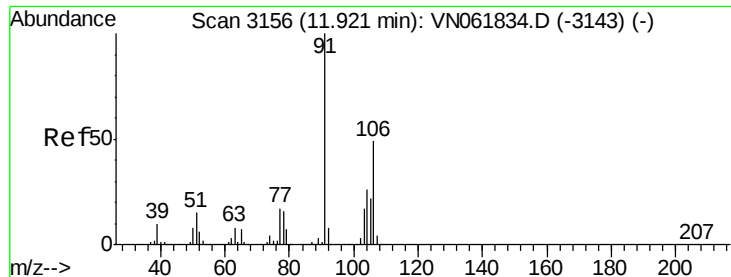
Tot Ion: 91 Resp: 192311
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 39.928 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion: 106 Resp: 150604
Ion Ratio Lower Upper
106 100
91 194.4 157.0 235.6

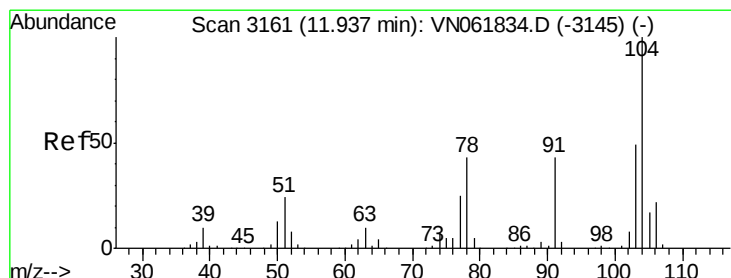
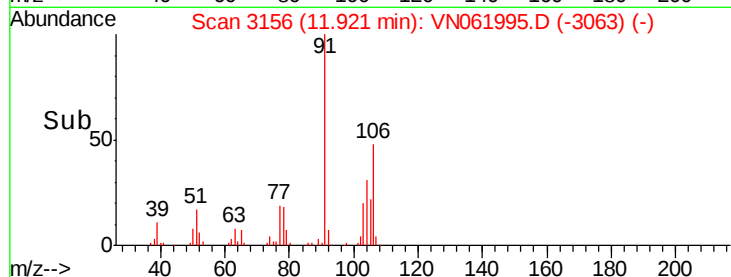
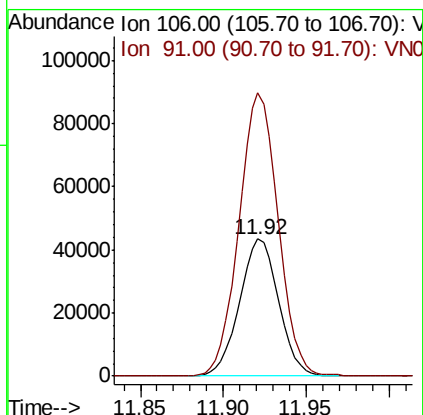
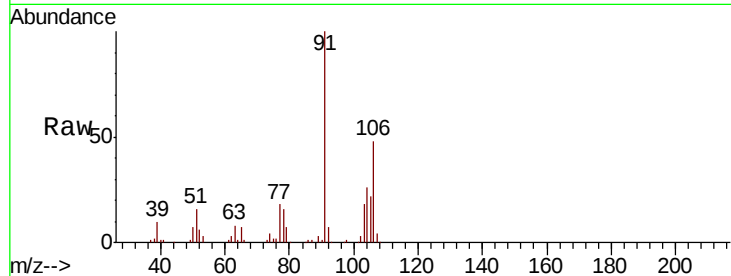




#69
o-Xylene
Concen: 19.773 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

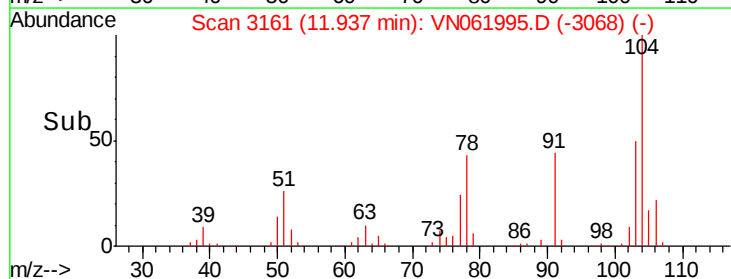
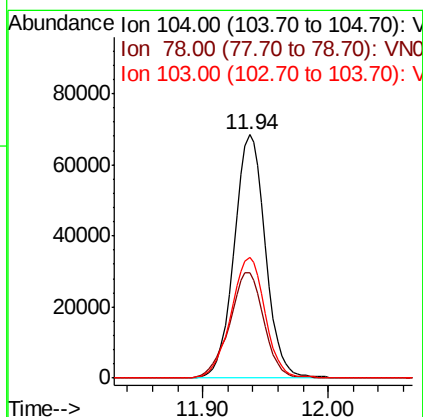
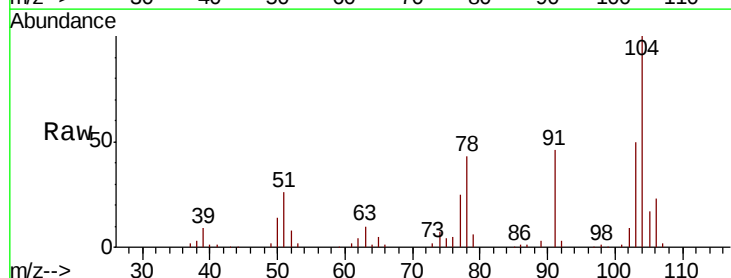
Instrument :
MSVOA_N
ClientSampled :
VN0622WBS01

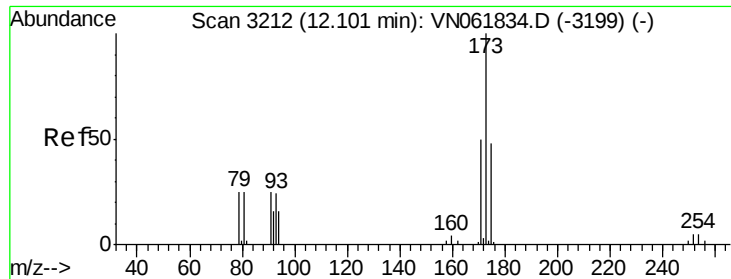
Tot Ion:106 Resp: 71160
Ion Ratio Lower Upper
106 100
91 207.5 103.0 308.9



#70
Styrene
Concen: 19.689 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion:104 Resp: 118649
Ion Ratio Lower Upper
104 100
78 47.7 37.6 56.4
103 53.9 43.0 64.4

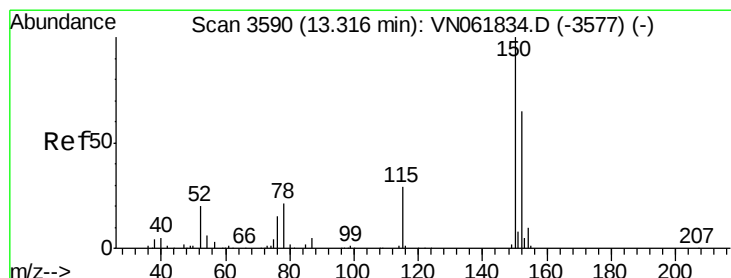
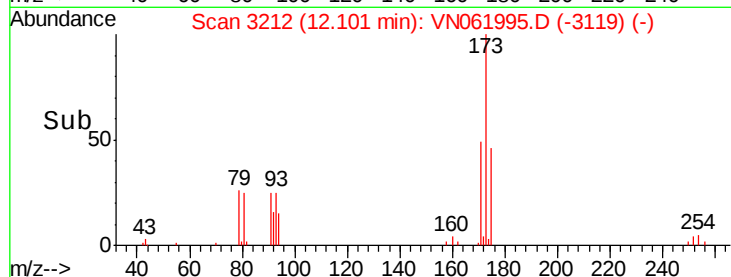
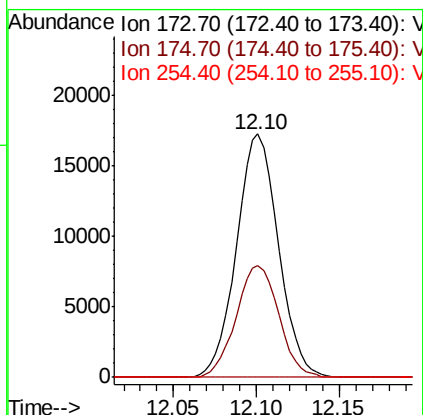
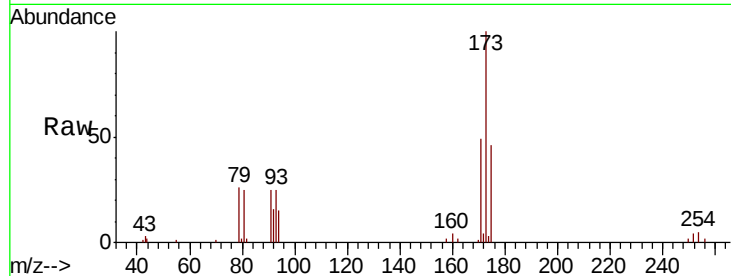




#71
Bromoform
Concen: 20.409 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

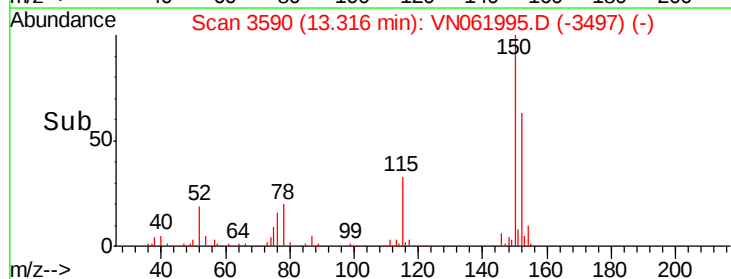
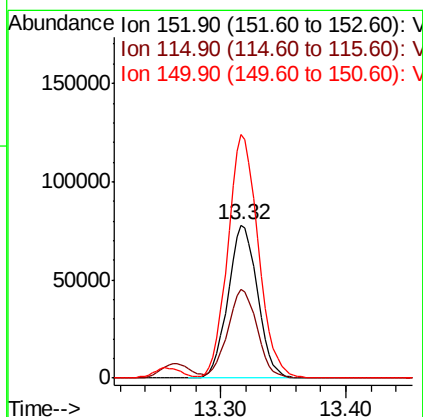
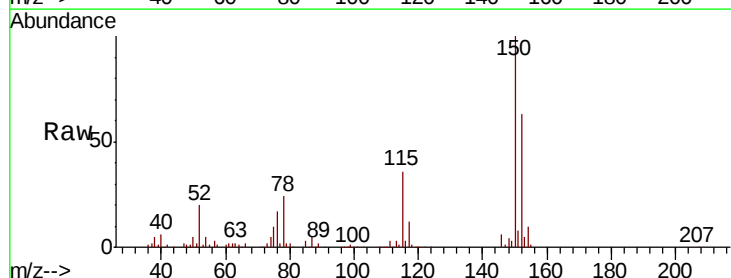
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

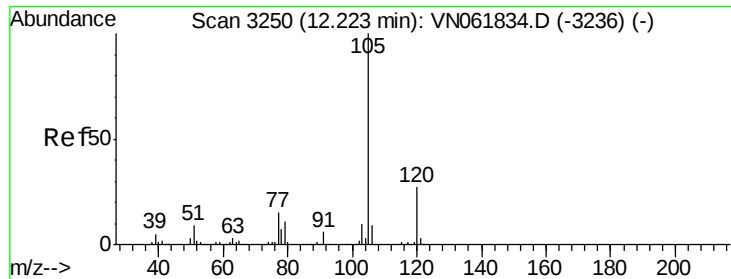
Tot Ion:173 Resp: 30279
Ion Ratio Lower Upper
173 100
175 46.5 23.9 71.7
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion:152 Resp: 127416
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.3
150 164.8 0.0 347.6





#73

Isopropylbenzene

Concen: 20.518 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

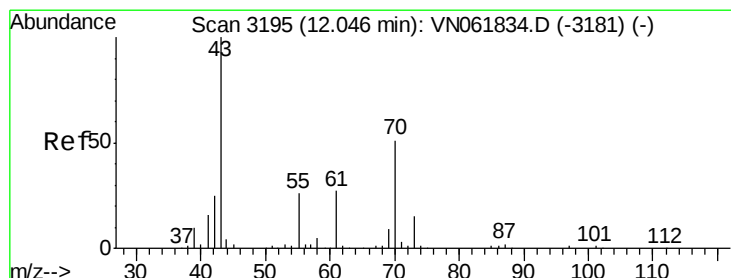
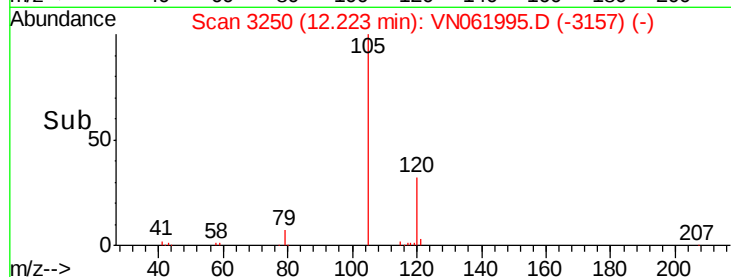
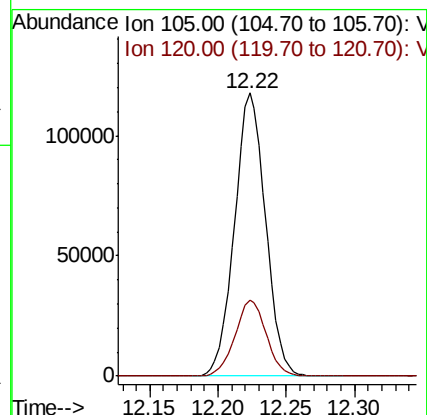
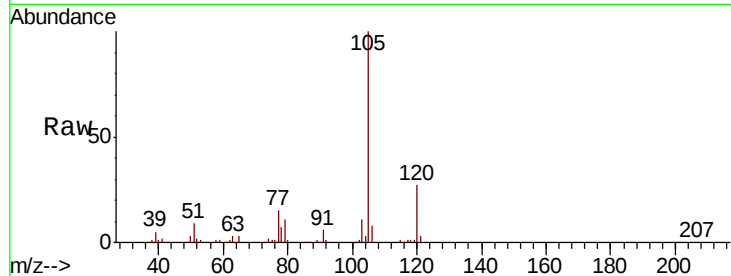
VN0622WBS01

Tot Ion:105 Resp: 185781

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.8



#74

N-ethyl acetate

Concen: 20.227 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Tgt Ion: 43 Resp: 59949

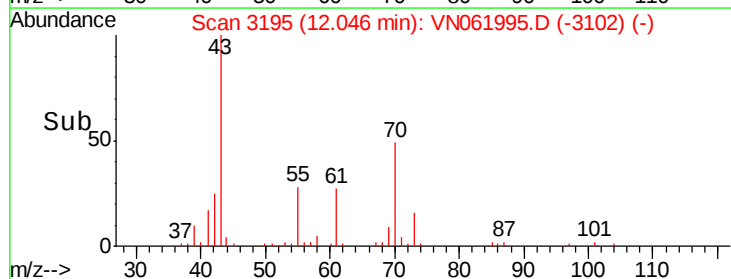
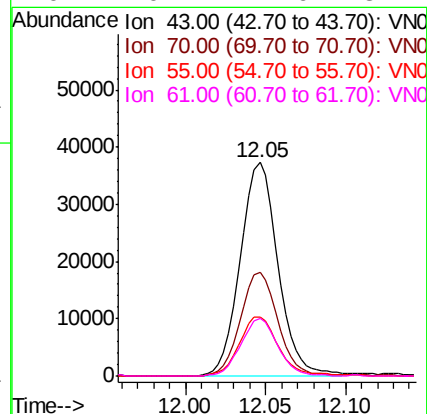
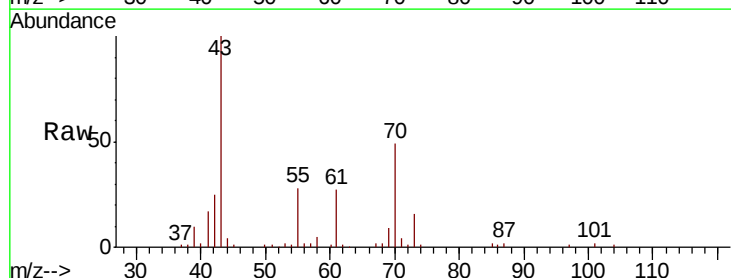
Ion Ratio Lower Upper

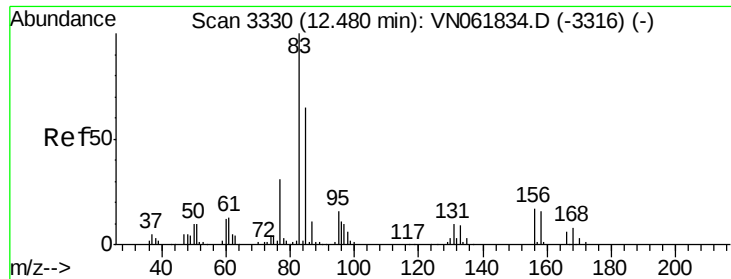
43 100

70 48.4 40.6 60.8

55 28.4 21.5 32.3

61 26.2 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.240 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

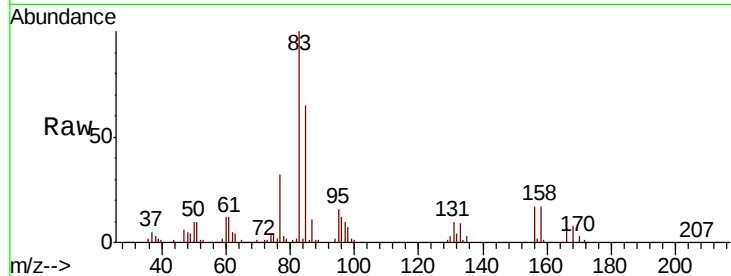
Tot Ion: 83 Resp: 62526

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

85 66.0 32.4 97.2



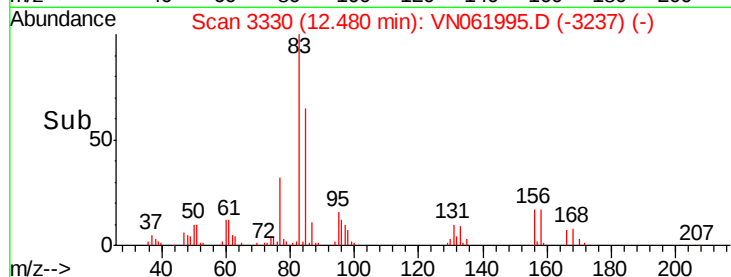
Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-3316) (-)

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

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

12.48

Time-->



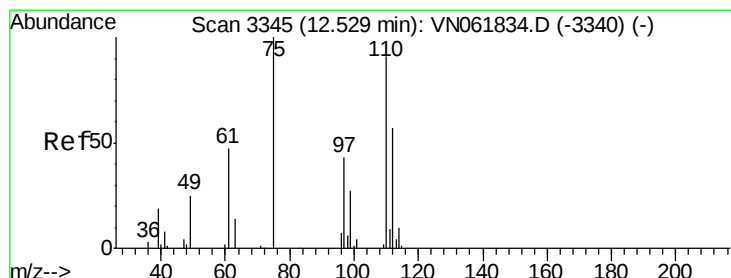
Abundance Ion 82.90 (82.60 to 83.60): VN061995.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061995.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061995.D (-3237) (-)

12.48

Time-->



#76

1,2,3-Trichloropropane

Concen: 30.570 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061995.D

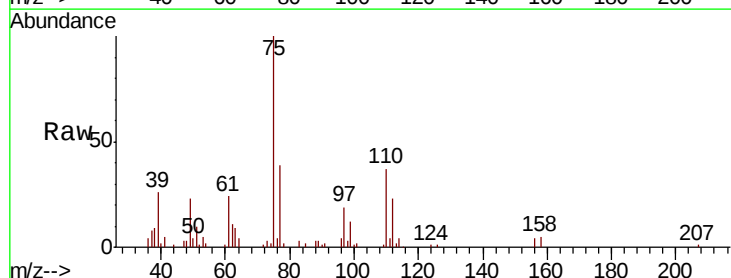
Acq: 22 Jun 2020 13:25

Tgt Ion: 75 Resp: 76471

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

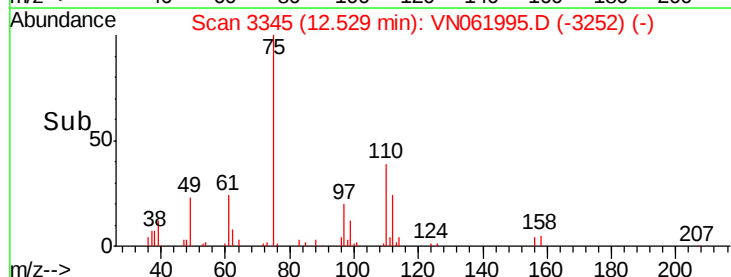


Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)

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

12.53

Time-->

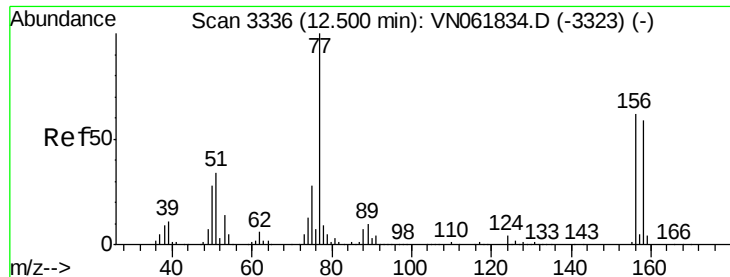


Abundance Ion 74.90 (74.60 to 75.60): VN061995.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061995.D (-3252) (-)

12.53

Time-->



#77

Bromobenzene

Concen: 20.507 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

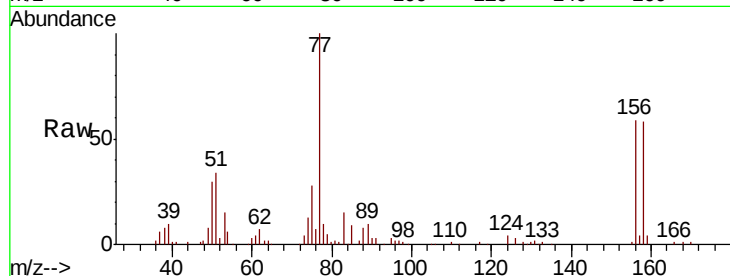
Tot Ion:156 Resp: 46845

Ion Ratio Lower Upper

156 100

77 205.7 100.7 302.1

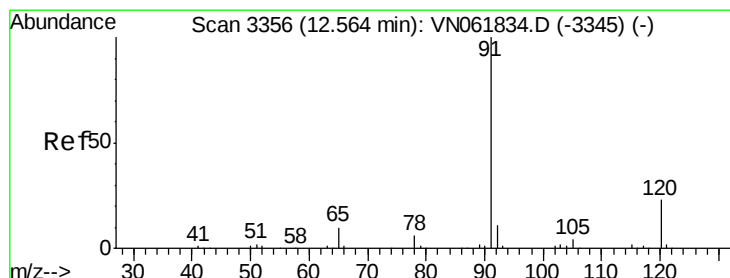
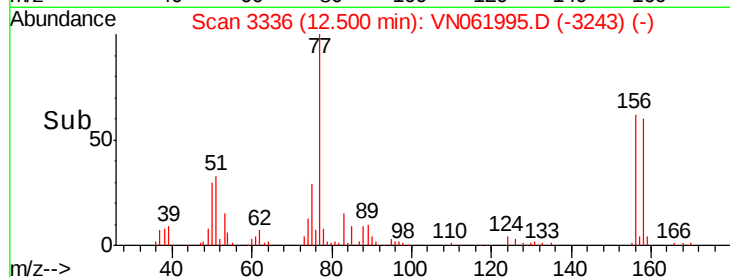
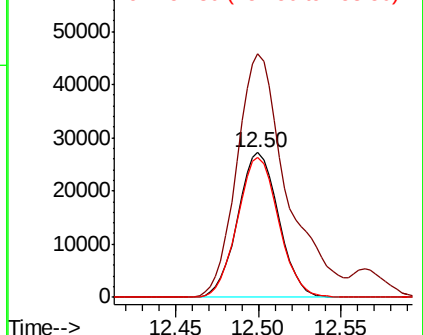
158 97.1 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.510 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061995.D

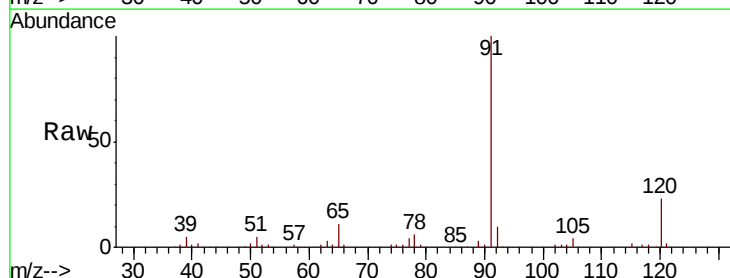
Acq: 22 Jun 2020 13:25

Tgt Ion: 91 Resp: 211895

Ion Ratio Lower Upper

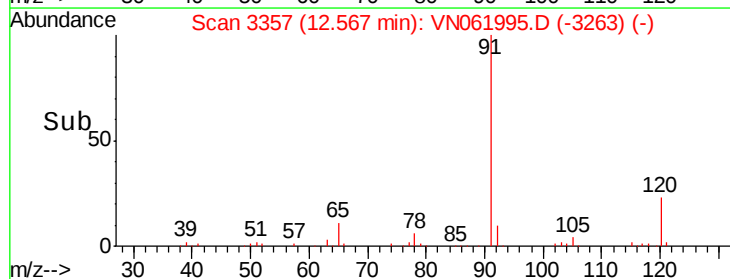
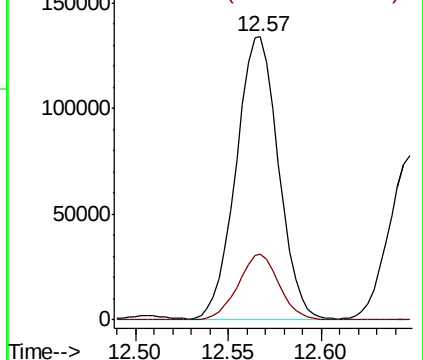
91 100

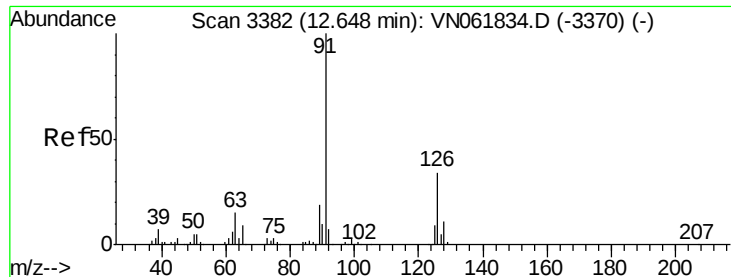
120 22.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

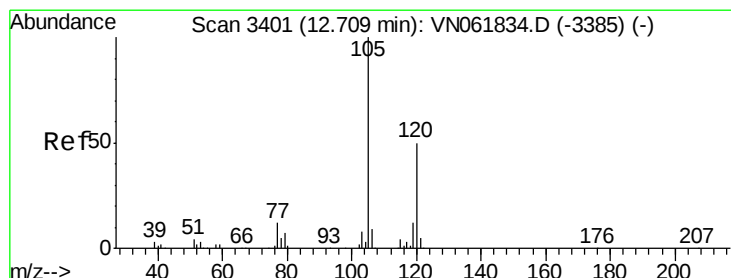
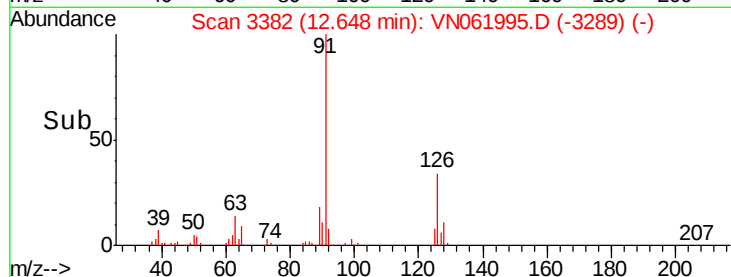
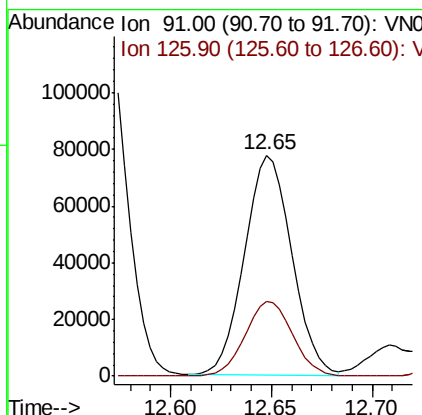
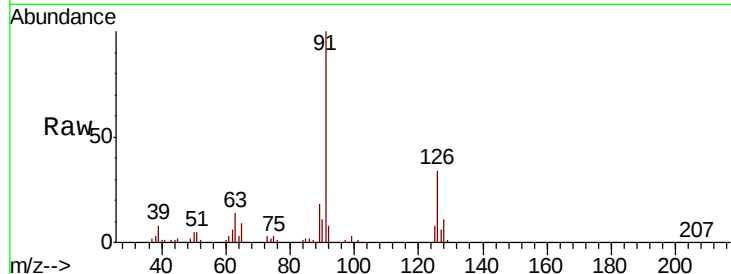




#79
 2-Chlorotoluene
 Concen: 20.508 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

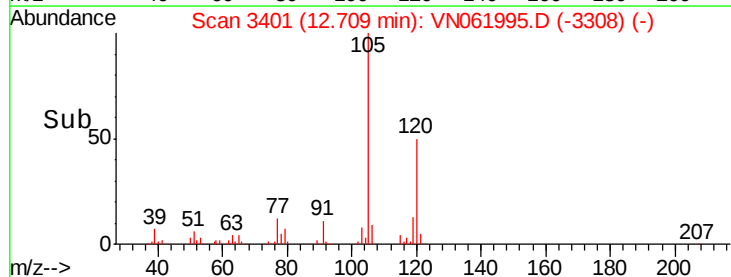
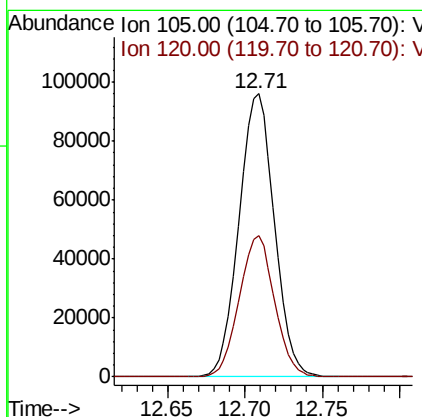
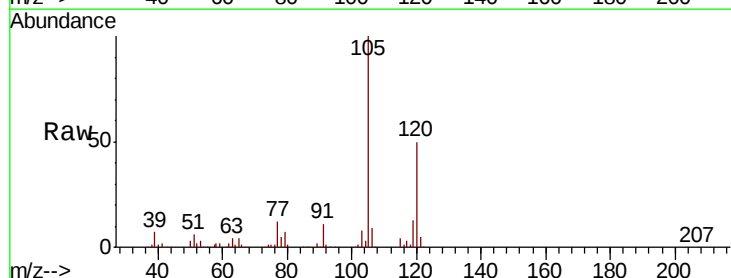
Instrument :
 MSVOA_N
 ClientSampled :
 VN0622WBS01

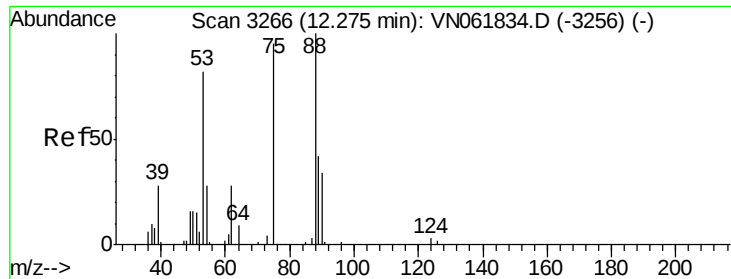
Tot Ion: 91 Resp: 127253
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.450 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion: 105 Resp: 153189
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.7

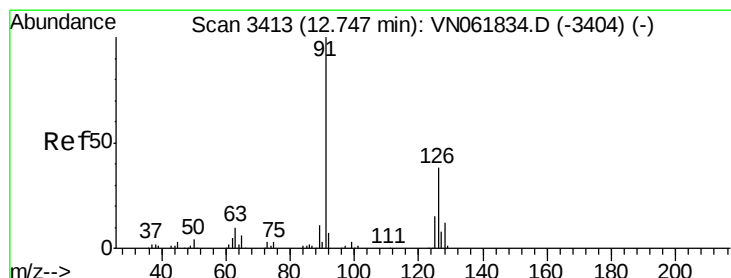
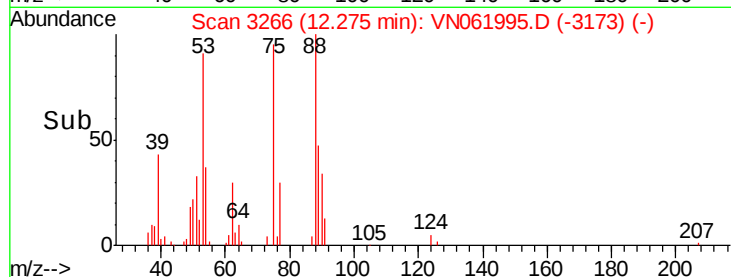
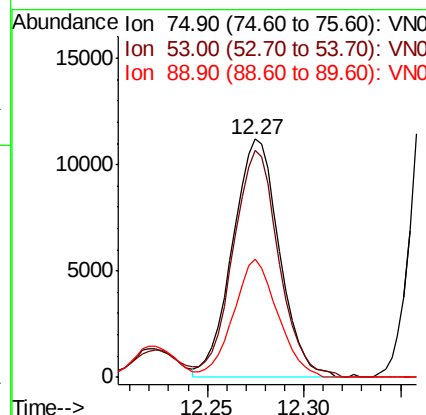
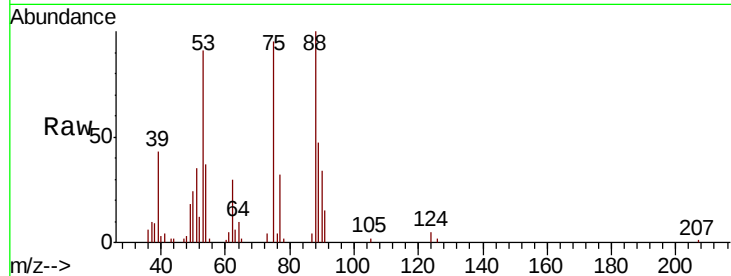




#81
trans-1,4-Dichloro-2-butene
Concen: 20.568 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

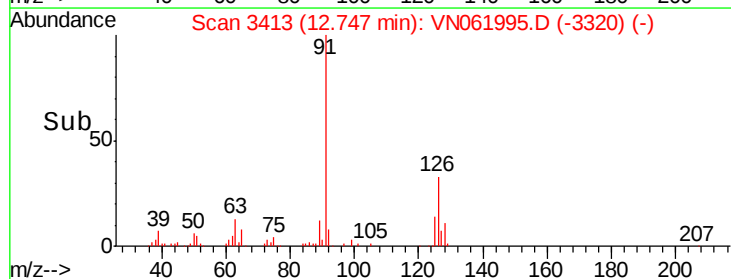
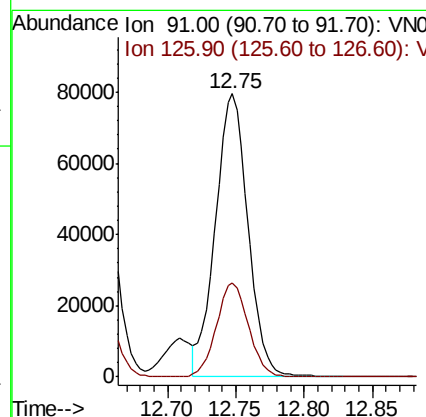
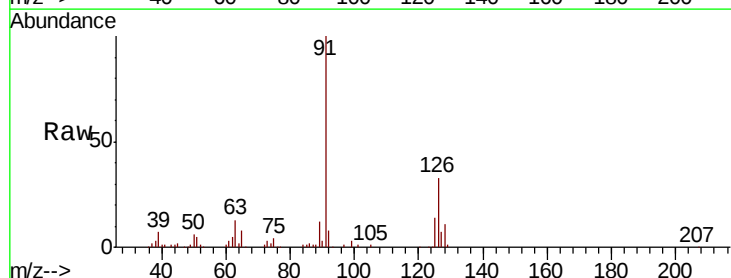
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

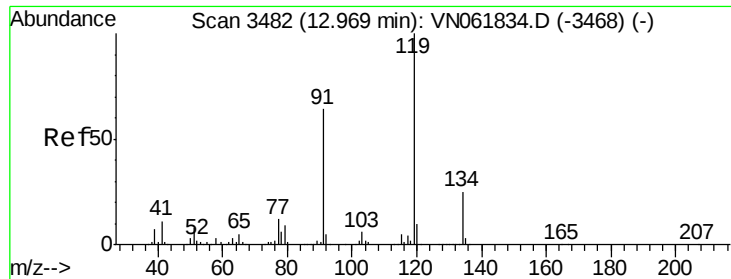
Tot Ion: 75 Resp: 18864
Ion Ratio Lower Upper
75 100
53 93.3 70.4 105.6
89 46.6 36.0 54.0



#82
4-Chlorotoluene
Concen: 20.425 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion: 91 Resp: 130958
Ion Ratio Lower Upper
91 100
126 32.8 17.2 51.6

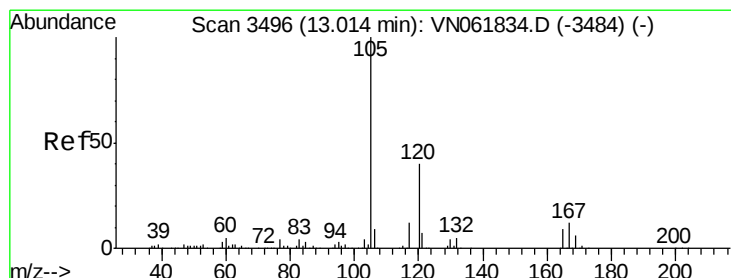
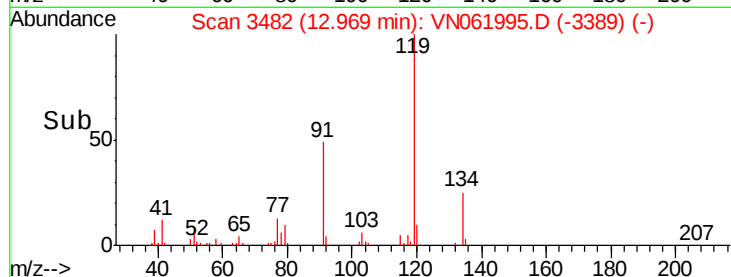
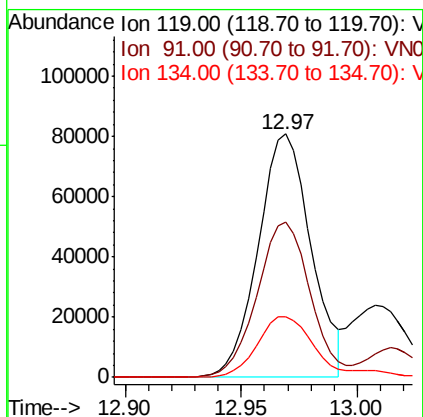
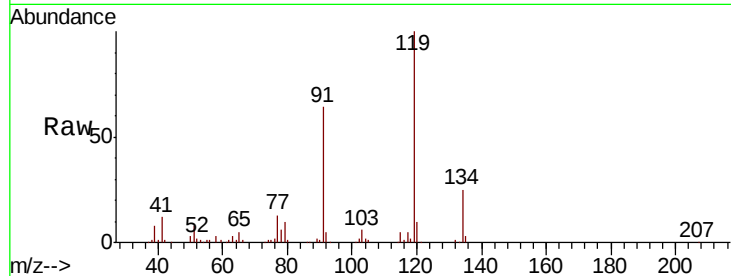




#83
tert-Butylbenzene
Concen: 20.242 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

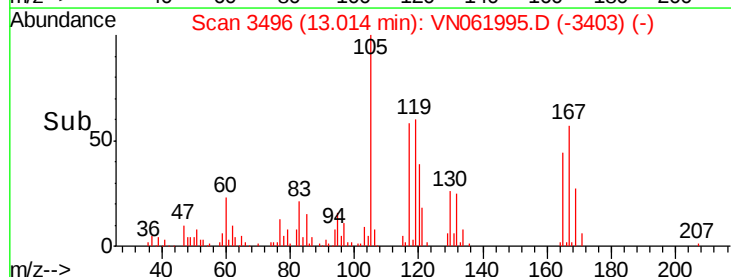
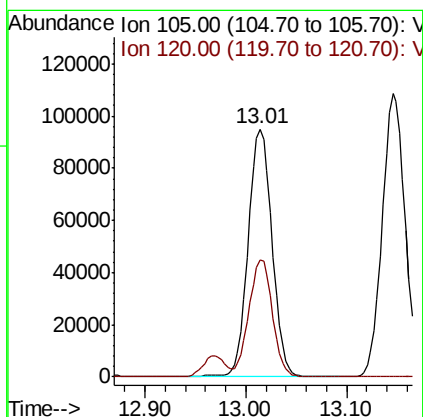
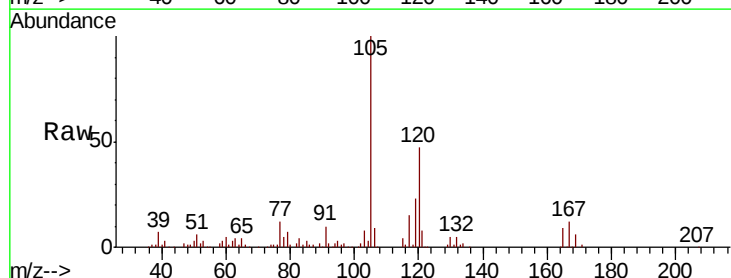
Instrument :
MSVOA_N
ClientSampled :
VN0622WBS01

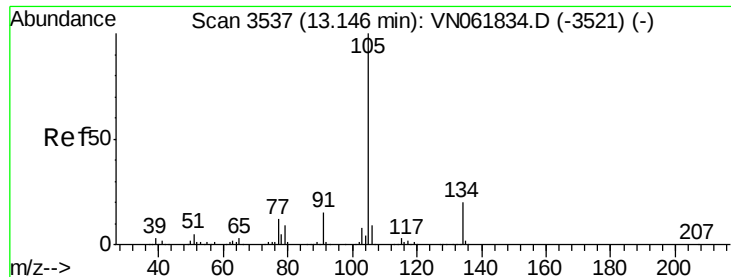
Tot Ion:119 Resp: 128546
Ion Ratio Lower Upper
119 100
91 64.4 31.5 94.5
134 26.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.948 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion:105 Resp: 154901
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.9





#85

sec-Butylbenzene

Concen: 20.706 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

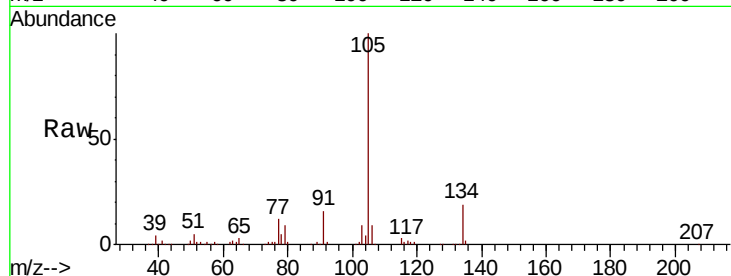
VN0622WBS01

Tot Ion:105 Resp: 172108

Ion Ratio Lower Upper

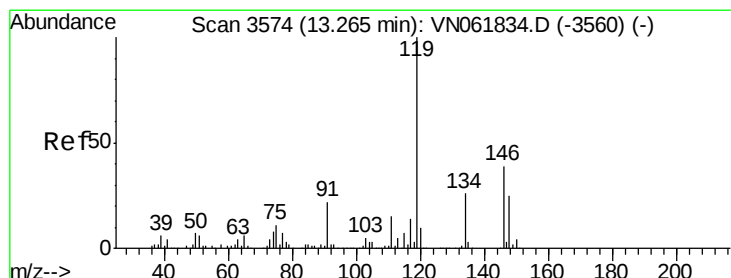
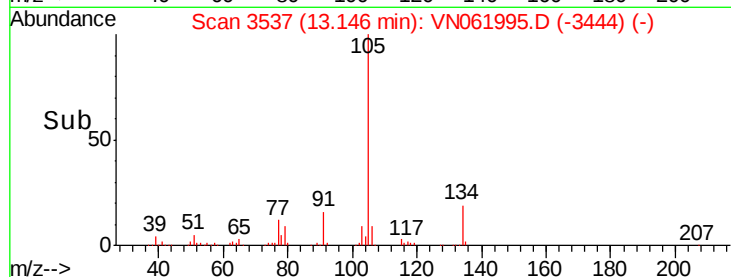
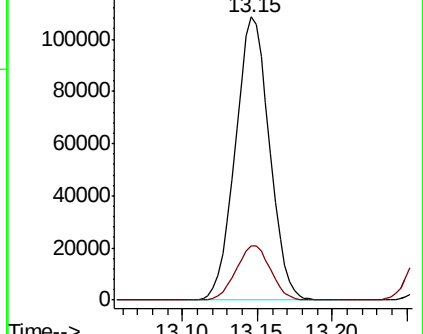
105 100

134 19.5 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.599 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

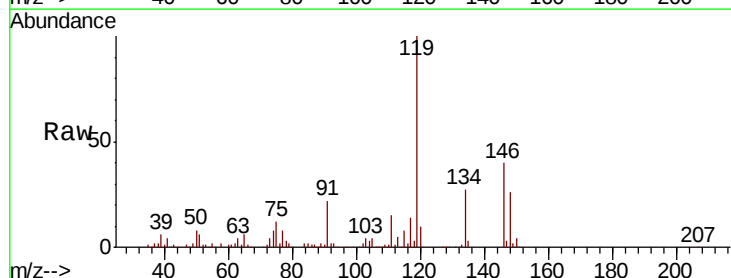
Tgt Ion:119 Resp: 152569

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

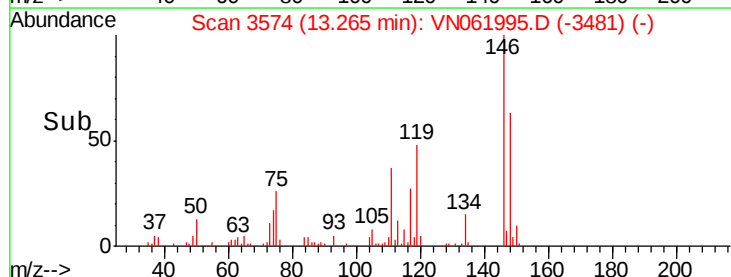
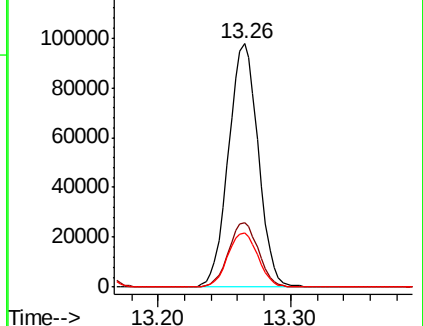
91 22.7 11.2 33.6

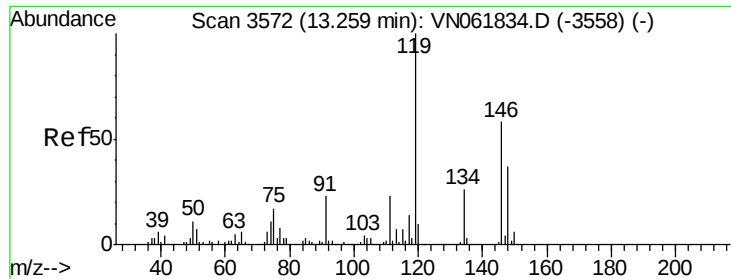


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

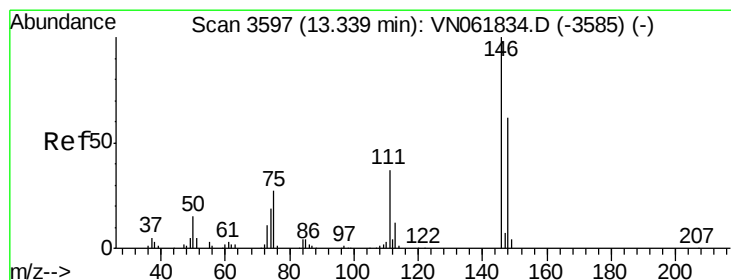
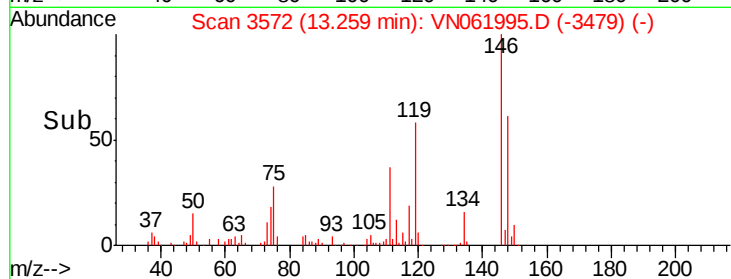
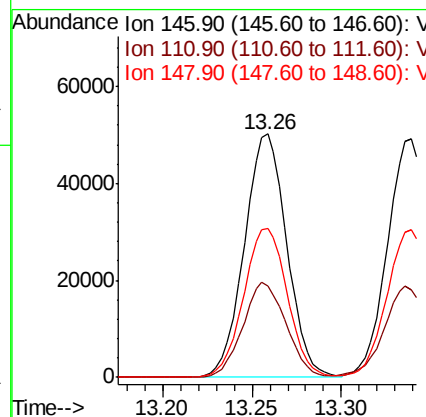
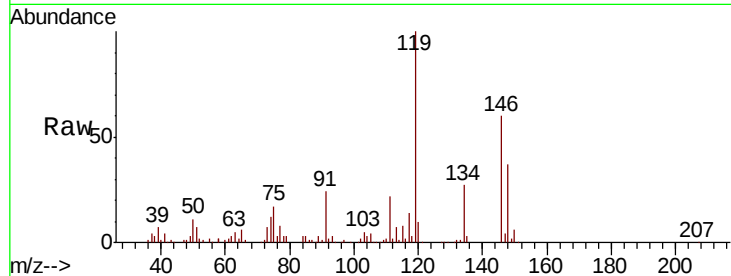




#87
 1,3-Dichlorobenzene
 Concen: 19.979 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

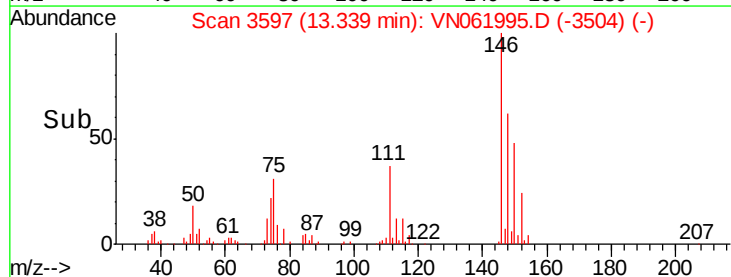
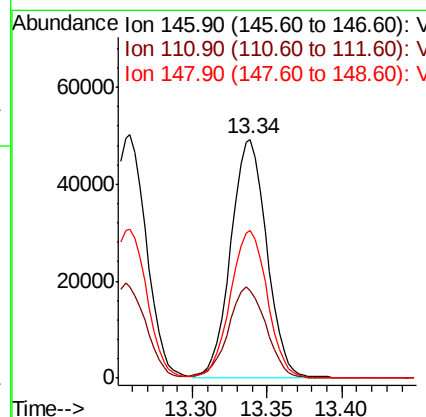
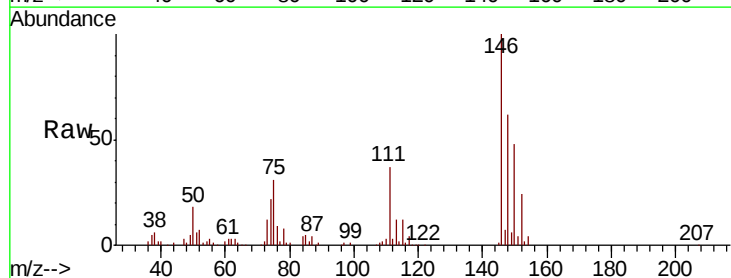
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion:146 Resp: 83238
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.8
 148 63.3 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.386 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion:146 Resp: 82675
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.3 57.8
 148 63.3 31.6 94.7

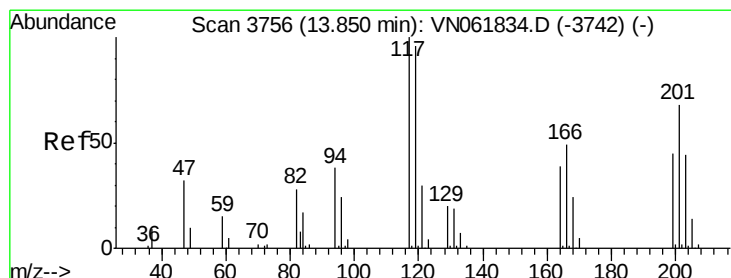
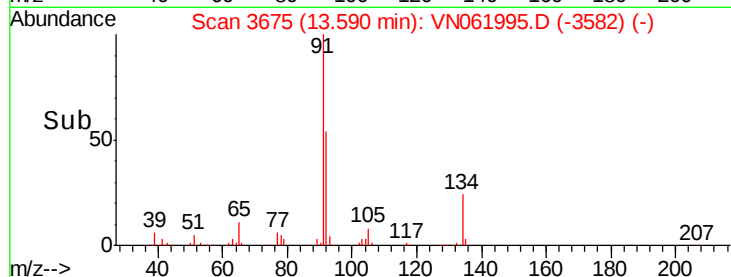
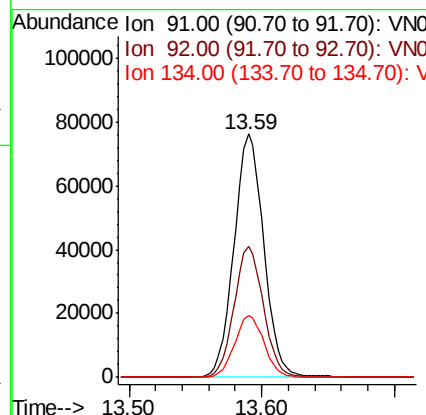
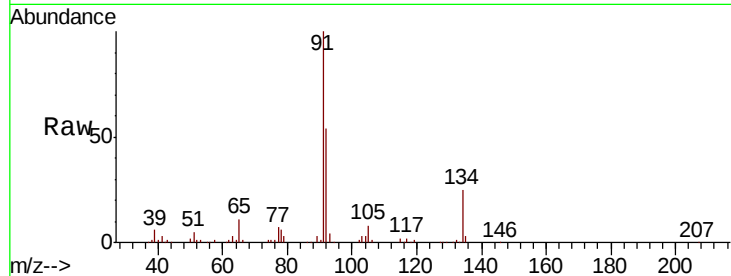




#89
n-Butylbenzene
Concen: 19.254 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

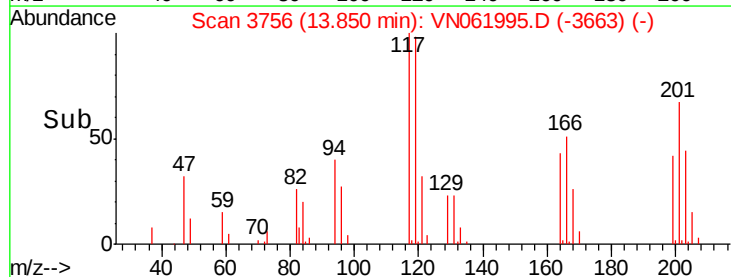
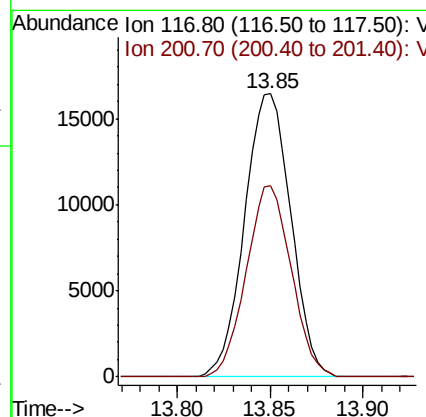
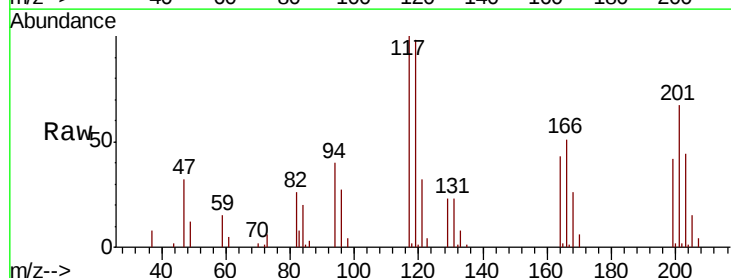
Instrument :
MSVOA_N
ClientSampled :
VN0622WBS01

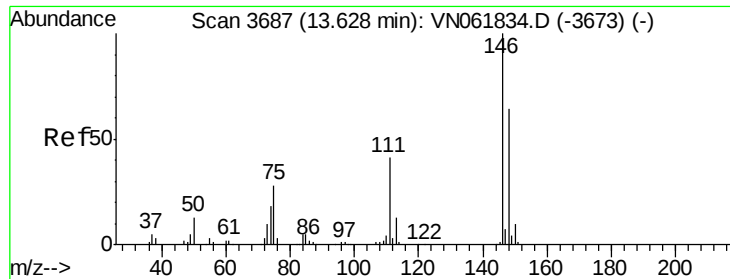
Tot Ion: 91 Resp: 119099
Ion Ratio Lower Upper
91 100
92 52.9 27.0 80.8
134 25.1 13.0 39.0



#90
Hexachloroethane
Concen: 21.062 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061995.D
Acq: 22 Jun 2020 13:25

Tgt Ion: 117 Resp: 28557
Ion Ratio Lower Upper
117 100
201 65.5 34.6 103.8

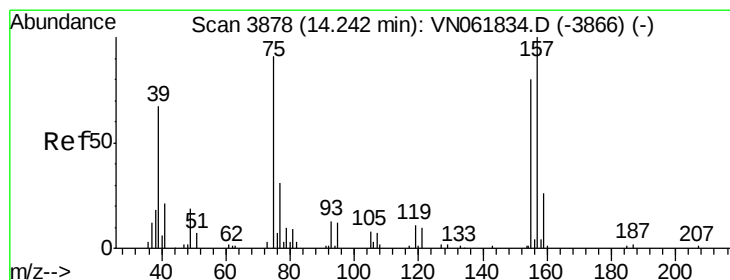
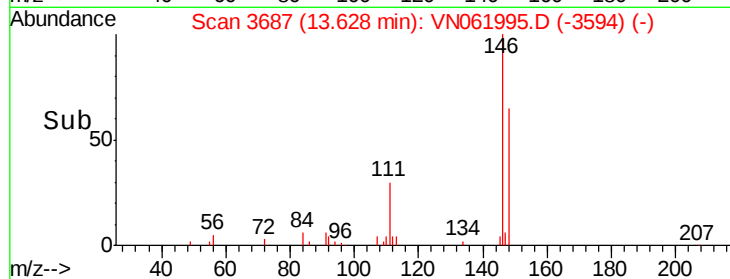
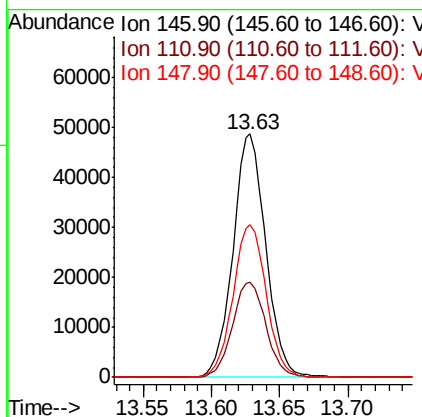
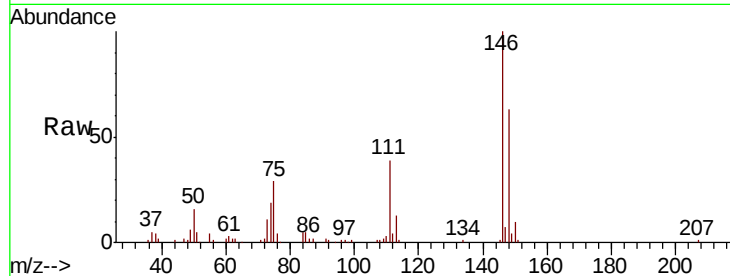




#91
 1,2-Dichlorobenzene
 Concen: 20.237 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

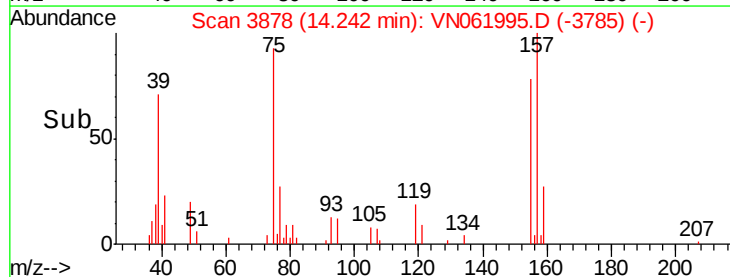
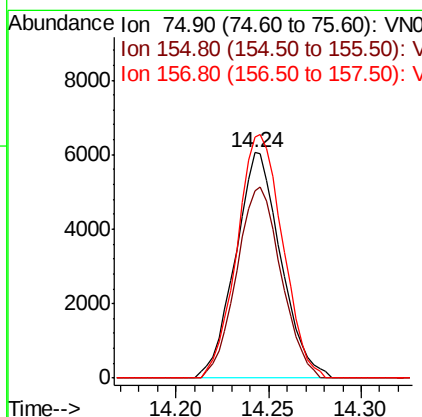
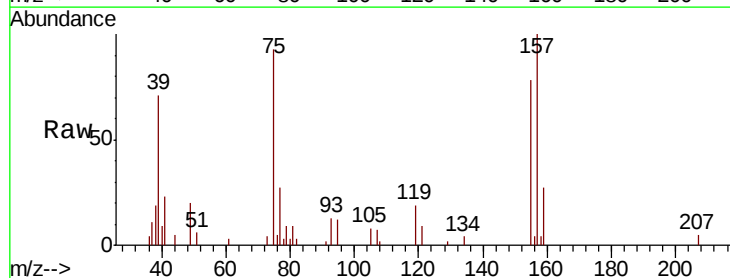
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

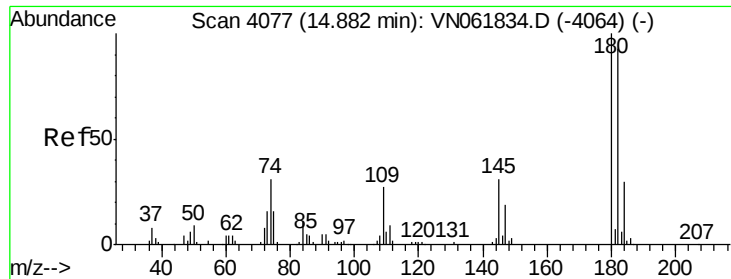
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.4	61.2
148	63.6	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.544 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	44.4	133.2
157	108.5	57.0	171.2

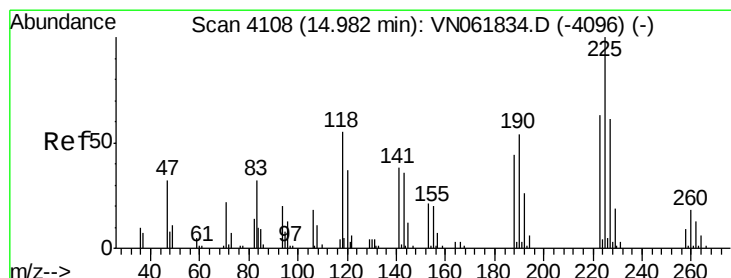
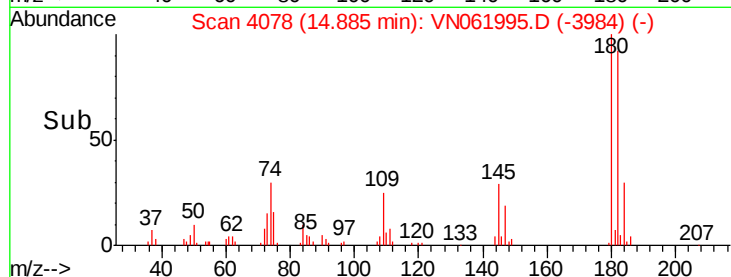
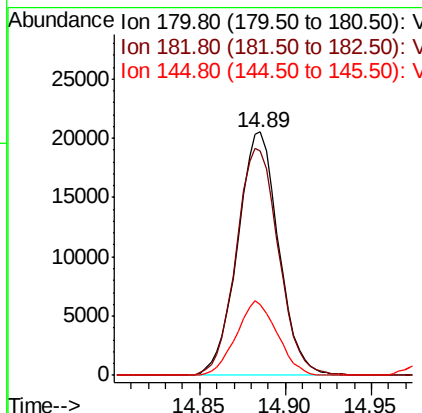
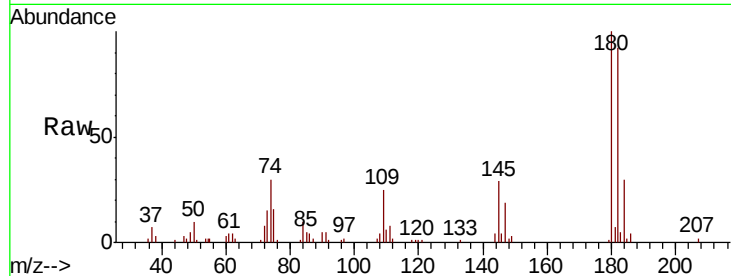




#93
 1,2,4-Trichlorobenzene
 Concen: 17.926 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

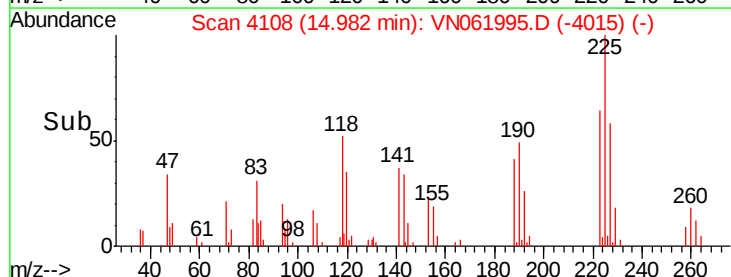
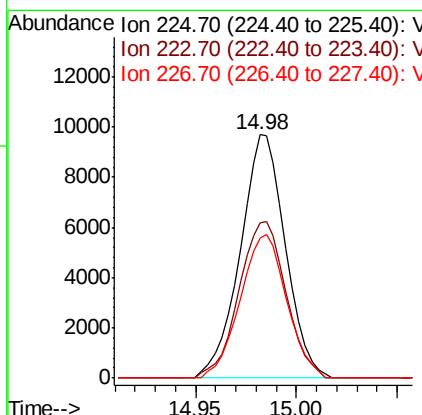
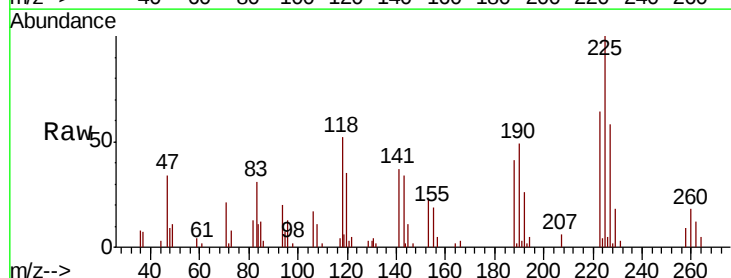
Instrument :
 MSVOA_N
 ClientSampled :
 VN0622WBS01

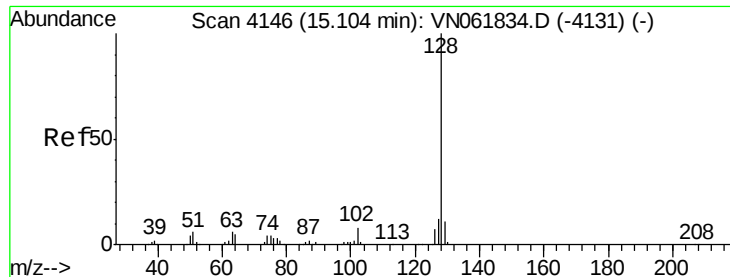
Tot Ion:180 Resp: 33927
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.0 141.2
 145 30.6 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 20.390 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061995.D
 Acq: 22 Jun 2020 13:25

Tgt Ion:225 Resp: 15199
 Ion Ratio Lower Upper
 225 100
 223 66.9 31.7 95.1
 227 60.6 30.1 90.3





#95

Naphthalene

Concen: 17.901 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

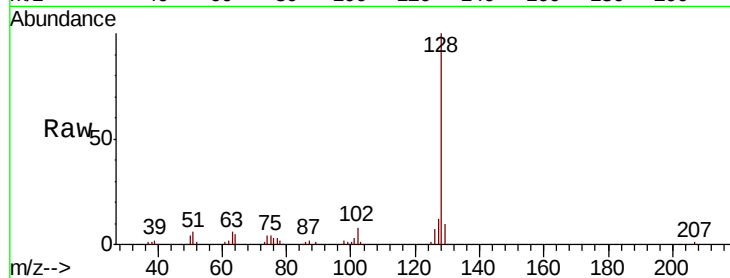
Tot Ion:128 Resp: 98226

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

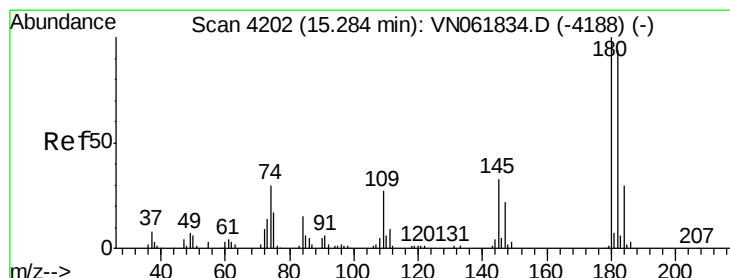
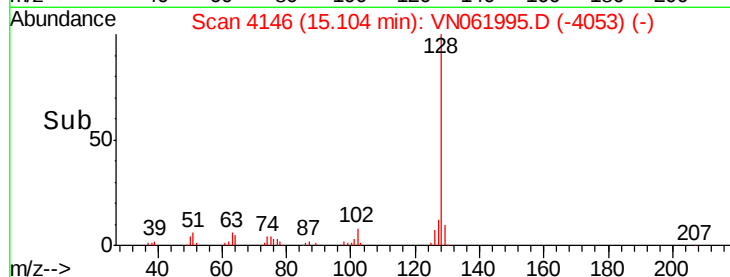
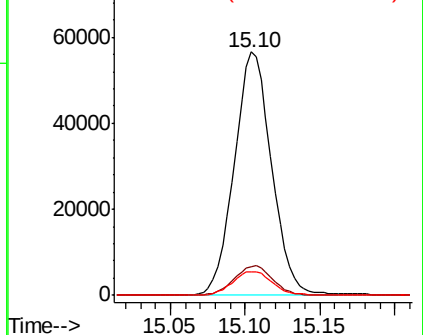
129 10.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.275 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061995.D

Acq: 22 Jun 2020 13:25

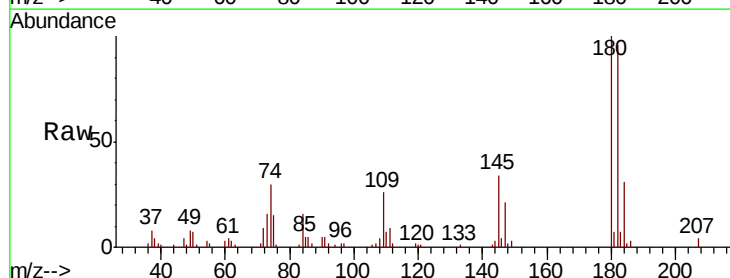
Tgt Ion:180 Resp: 34255

Ion Ratio Lower Upper

180 100

182 97.0 47.9 143.6

145 34.2 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

