

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062104.D
 Acq On : 25 Jun 2020 12:24
 Operator : JC/MD
 Sample : VN0625MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

Quant Time: Jun 26 01:43:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	233292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	422380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	400676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189268	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	170931	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
35) Dibromofluoromethane	7.54	113	135958	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.06	98	521542	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.37	95	182146	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	45116	17.109	ug/l	100
3) Chloromethane	2.03	50	58928	18.129	ug/l	99
4) Vinyl Chloride	2.16	62	69295	16.687	ug/l	99
5) Bromomethane	2.54	94	47254	17.607	ug/l	95
6) Chloroethane	2.67	64	48571	17.122	ug/l	97
7) Trichlorofluoromethane	2.98	101	80177	15.669	ug/l	100
8) Diethyl Ether	3.37	74	34340	19.219	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46755	17.449	ug/l	98
10) Methyl Iodide	3.91	142	52092	17.262	ug/l	98
11) Tert butyl alcohol	4.72	59	44994	95.721	ug/l #	90
12) 1,1-Dichloroethene	3.69	96	46309	17.288	ug/l	96
13) Acrolein	3.56	56	42981	93.394	ug/l	99
14) Allyl chloride	4.27	41	67219	18.431	ug/l	99
15) Acrylonitrile	4.93	53	124132	96.909	ug/l	99
16) Acetone	3.77	43	104508	99.256	ug/l	99
17) Carbon Disulfide	4.01	76	131669	17.194	ug/l	99
18) Methyl Acetate	4.27	43	48428	18.608	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	168074	19.635	ug/l	100
20) Methylene Chloride	4.50	84	60997	20.167	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	53914	17.667	ug/l	97
22) Diisopropyl ether	5.90	45	155484	18.724	ug/l	97
23) Vinyl Acetate	5.84	43	654973	96.606	ug/l	99
24) 1,1-Dichloroethane	5.79	63	98016	18.330	ug/l	99
25) 2-Butanone	6.78	43	152005	94.990	ug/l	99
26) 2,2-Dichloropropane	6.77	77	77269	17.340	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	62111	18.088	ug/l	99
28) Bromochloromethane	7.14	49	41691	17.969	ug/l	99
29) Tetrahydrofuran	7.16	42	101742	97.061	ug/l	99
30) Chloroform	7.32	83	99838	18.351	ug/l	99
31) Cyclohexane	7.61	56	75638	16.722	ug/l	92
32) 1,1,1-Trichloroethane	7.52	97	81878	17.846	ug/l	100
36) 1,1-Dichloropropene	7.75	75	70041	16.497	ug/l	99
37) Ethyl Acetate	6.88	43	65058	18.506	ug/l	99
38) Carbon Tetrachloride	7.73	117	67844	16.950	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.04	83	75146	16.154	ug/l	100
40) Benzene	8.00	78	224777	17.370	ug/l	100
41) Methacrylonitrile	7.16	41	91902	56.388	ug/l #	26
42) 1,2-Dichloroethane	8.08	62	80757	18.471	ug/l	99
43) Isopropyl Acetate	8.12	43	107262	18.716	ug/l #	88
44) Trichloroethene	8.80	130	54623	16.734	ug/l	96
45) 1,2-Dichloropropane	9.08	63	59375	18.599	ug/l	100
46) Dibromomethane	9.17	93	40321	18.629	ug/l	100
47) Bromodichloromethane	9.37	83	80626	18.448	ug/l	99
48) Methyl methacrylate	9.16	41	47208	18.372	ug/l	99
49) 1,4-Dioxane	9.16	88	17528	307.597	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	317479	94.817	ug/l	100
52) Toluene	10.12	92	142510	18.049	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	86614	18.014	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	93907	18.345	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	59101	19.042	ug/l	98
56) Ethyl methacrylate	10.40	69	77785	18.780	ug/l	100
57) 1,3-Dichloropropane	10.68	76	99227	18.574	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	153275	97.421	ug/l	100
59) 2-Hexanone	10.72	43	223444	92.415	ug/l	98
60) Dibromochloromethane	10.87	129	60901	18.534	ug/l	100
61) 1,2-Dibromoethane	10.98	107	59254	18.580	ug/l	100
64) Tetrachloroethene	10.60	164	44651	16.314	ug/l	98
65) Chlorobenzene	11.40	112	152649	17.349	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	54787	18.007	ug/l	99
67) Ethyl Benzene	11.48	91	257344	17.318	ug/l	100
68) m/p-Xylenes	11.59	106	202010	35.146	ug/l	98
69) o-Xylene	11.92	106	93354	17.214	ug/l	98
70) Styrene	11.94	104	156825	17.340	ug/l	99
71) Bromoform	12.10	173	38965	18.012	ug/l #	96
73) Isopropylbenzene	12.22	105	242467	16.550	ug/l	99
74) N-amyl acetate	12.04	43	85347	18.110	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	84994	17.433	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	102239	22.947	ug/l #	100
77) Bromobenzene	12.50	156	61851	17.004	ug/l	99
78) n-propylbenzene	12.56	91	277448	16.556	ug/l	99
79) 2-Chlorotoluene	12.65	91	167716	16.554	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	200896	16.915	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	25280	16.570	ug/l	95
82) 4-Chlorotoluene	12.75	91	173970	16.605	ug/l	99
83) tert-Butylbenzene	12.97	119	162936	16.030	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	205208	17.300	ug/l	97
85) sec-Butylbenzene	13.15	105	221645	16.503	ug/l	100
86) p-Isopropyltoluene	13.26	119	196431	16.693	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	106683	16.703	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	107162	16.276	ug/l	98
89) n-Butylbenzene	13.59	91	160548	16.411	ug/l	98
90) Hexachloroethane	13.85	117	36438	15.783	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	107505	17.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14231	18.221	ug/l	96

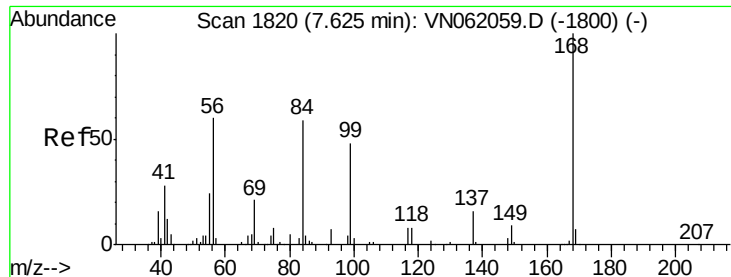
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	47054	17.391	ug/l	97
94) Hexachlorobutadiene	14.98	225	19042	16.204	ug/l	95
95) Naphthalene	15.10	128	135136	17.777	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	48731	17.614	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

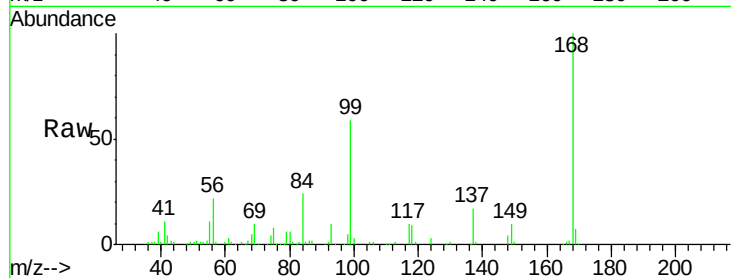
VN0625MBS01

Tgt Ion: 168 Resp: 233292

Ion Ratio Lower Upper

168 100

99 58.6 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

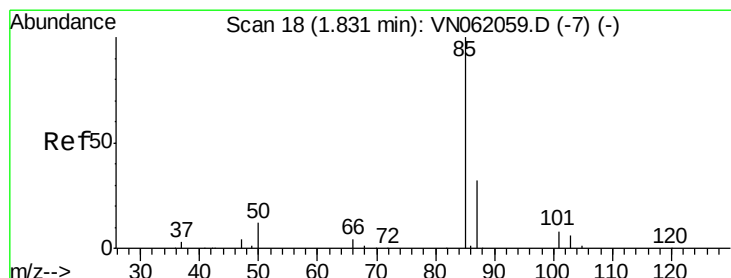
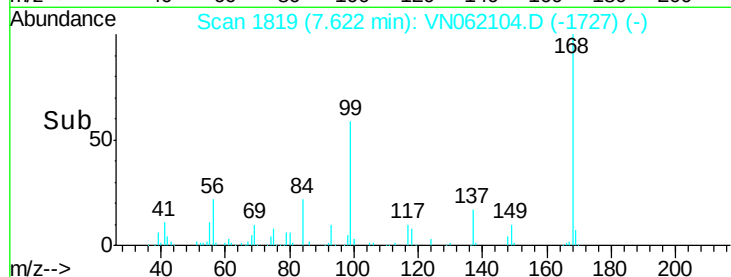
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 17.109 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062104.D

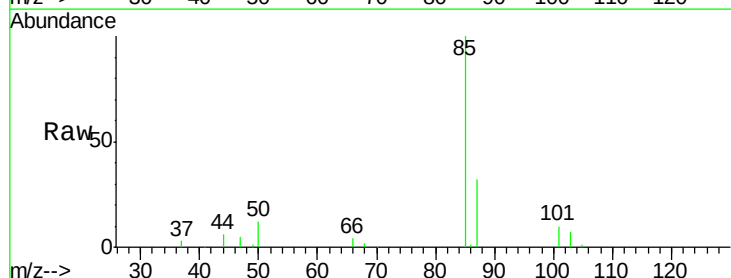
Acq: 25 Jun 2020 12:24

Tgt Ion: 85 Resp: 45116

Ion Ratio Lower Upper

85 100

87 31.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

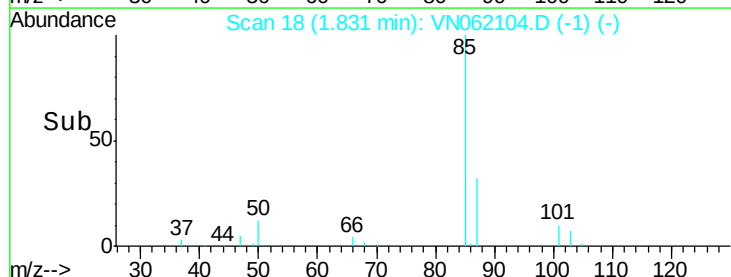
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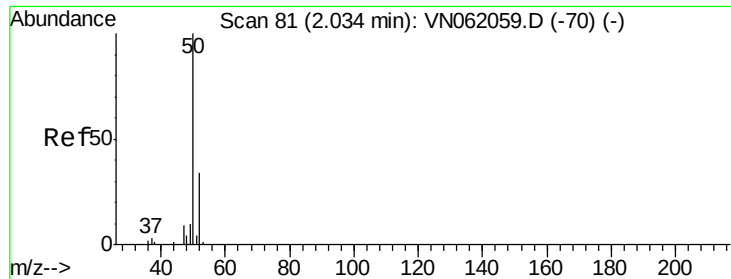
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.129 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

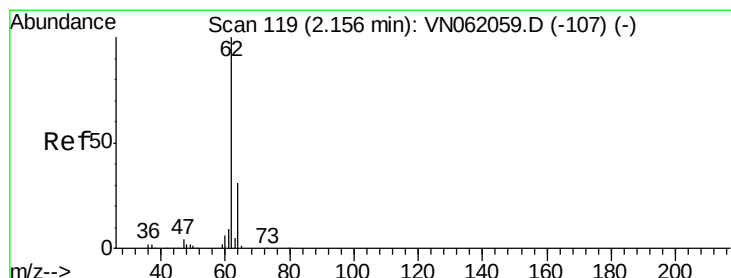
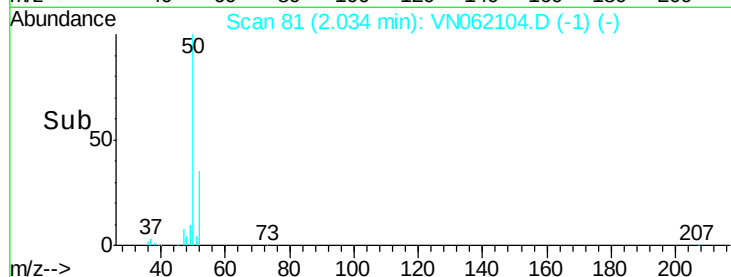
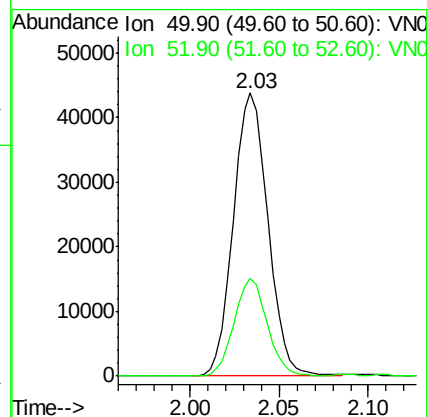
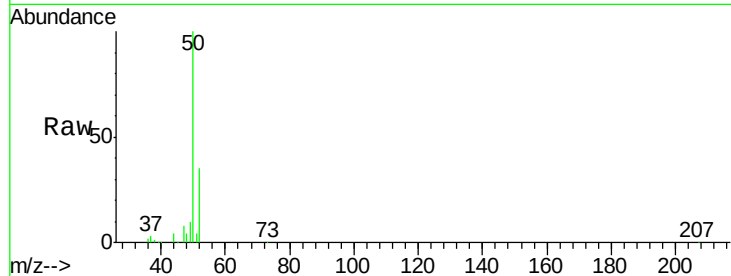
VN0625MBS01

Tgt Ion: 50 Resp: 58928

Ion Ratio Lower Upper

50 100

52 34.7 27.0 40.6



#4

Vinyl Chloride

Concen: 16.687 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062104.D

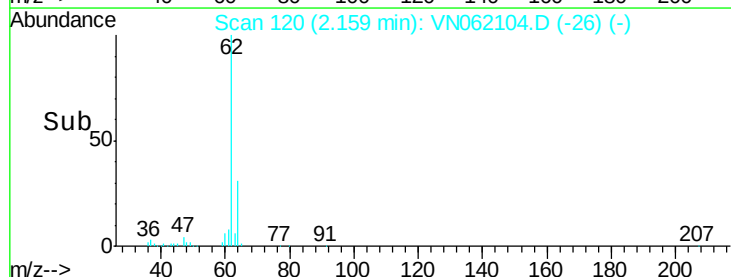
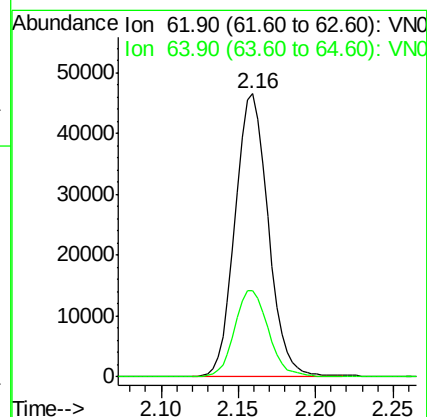
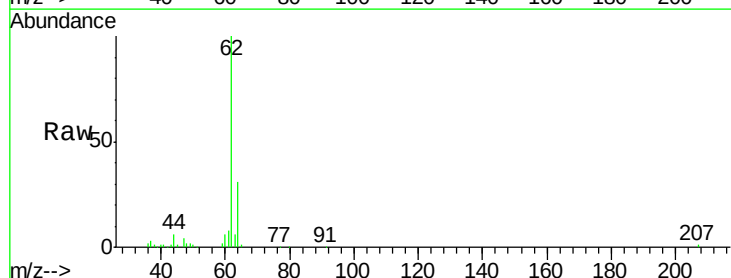
Acq: 25 Jun 2020 12:24

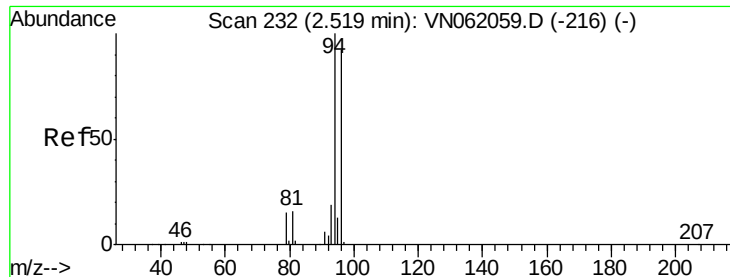
Tgt Ion: 62 Resp: 69295

Ion Ratio Lower Upper

62 100

64 30.7 25.1 37.7





#5

Bromomethane

Concen: 17.607 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.02 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

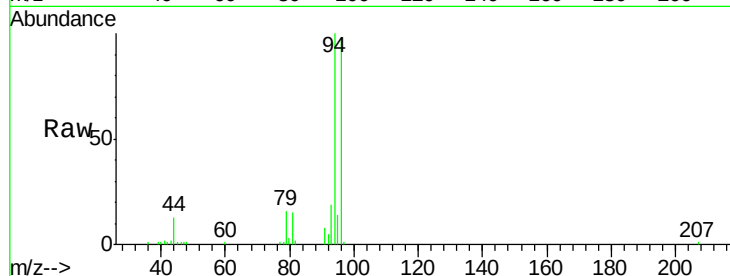
VN0625MBS01

Tgt Ion: 94 Resp: 47254

Ion Ratio Lower Upper

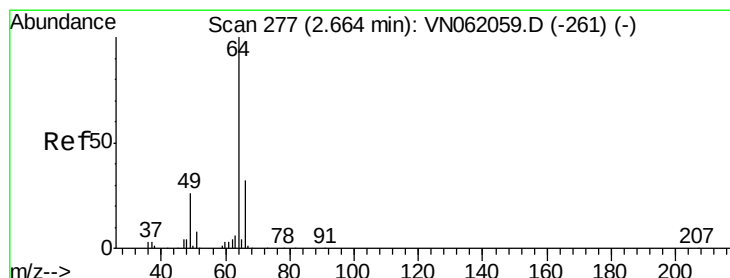
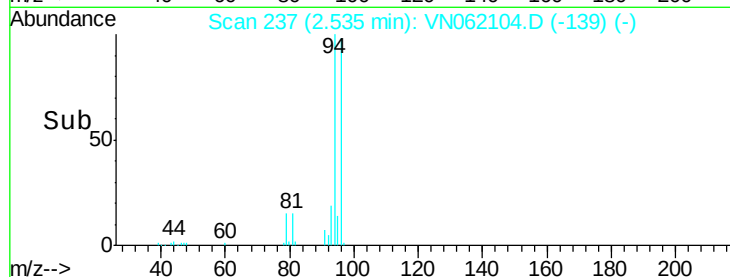
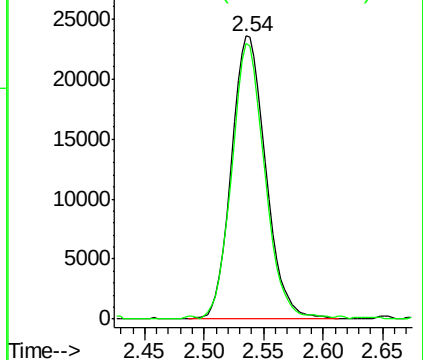
94 100

96 96.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.122 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062104.D

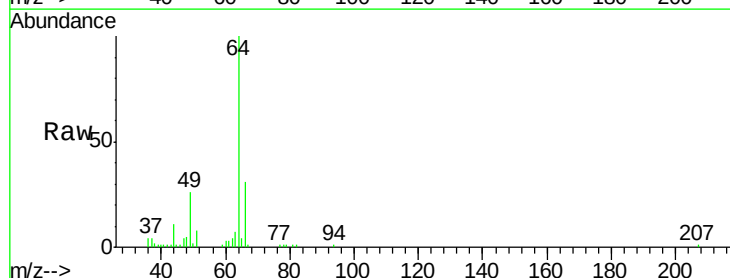
Acq: 25 Jun 2020 12:24

Tgt Ion: 64 Resp: 48571

Ion Ratio Lower Upper

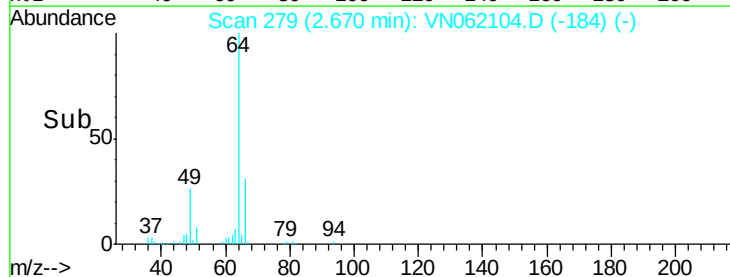
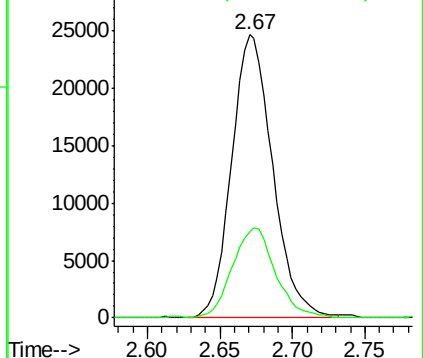
64 100

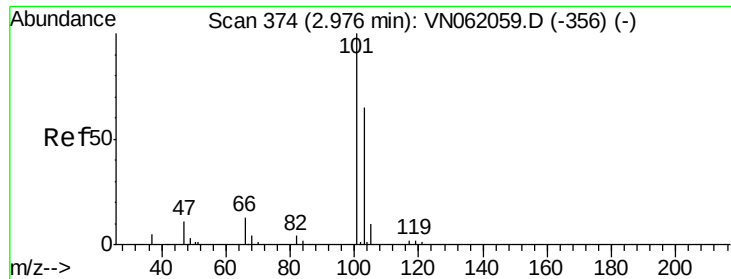
66 30.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



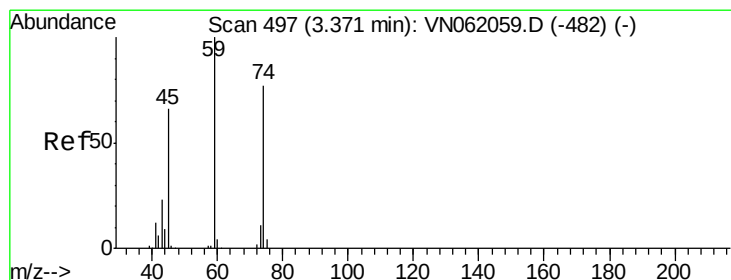
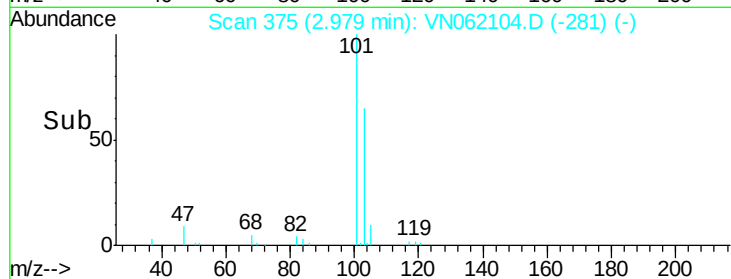
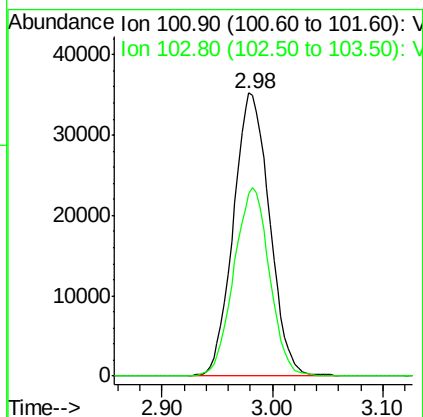
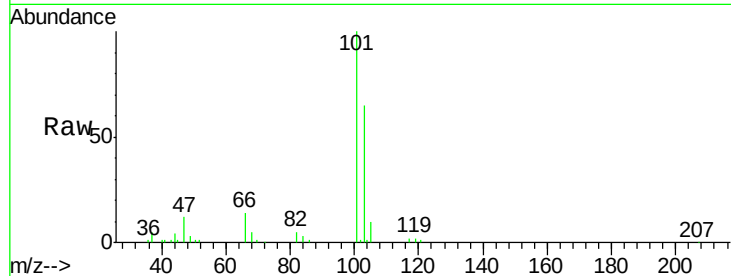


#7

Trichlorofluoromethane
 Concen: 15.669 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

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 MSVOA_N
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 VN0625MBS01

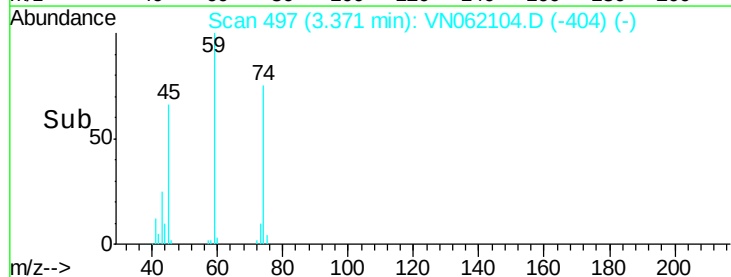
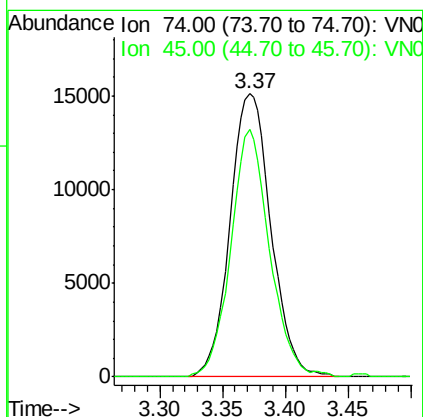
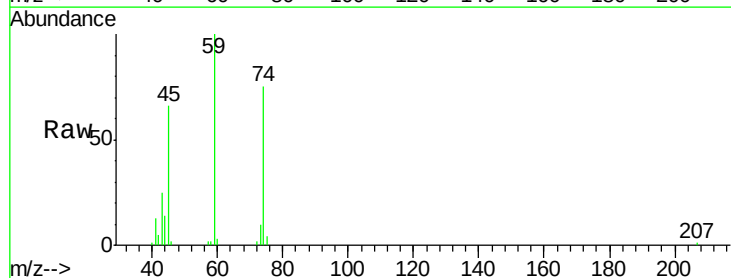
Tgt Ion:101 Resp: 80177
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.8 77.6

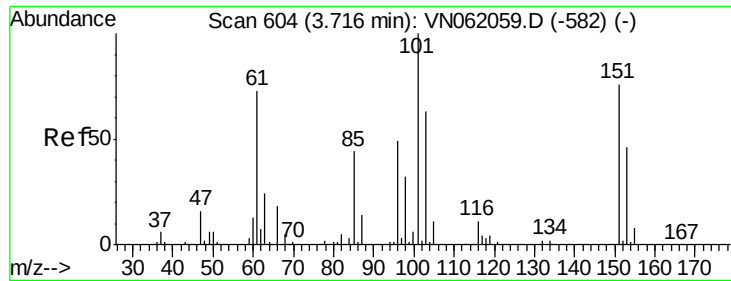


#8

Diethyl Ether
 Concen: 19.219 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion: 74 Resp: 34340
 Ion Ratio Lower Upper
 74 100
 45 82.6 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.449 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBS01

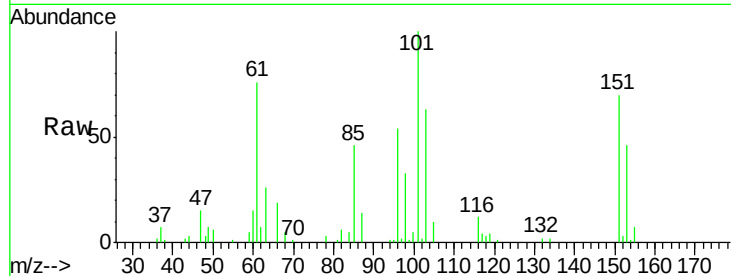
Tgt Ion:101 Resp: 46755

Ion Ratio Lower Upper

101 100

85 44.9 34.5 51.7

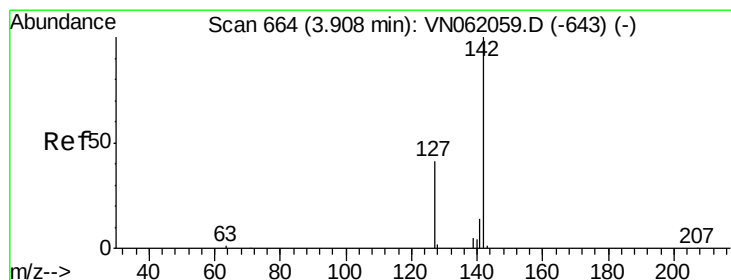
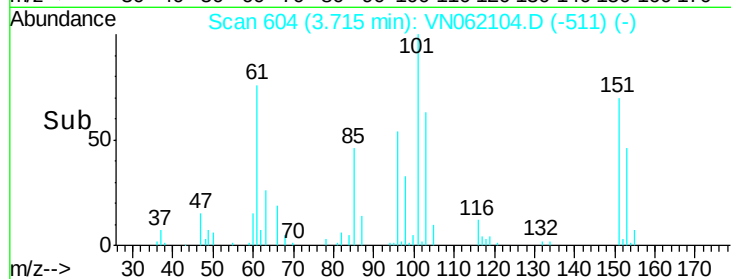
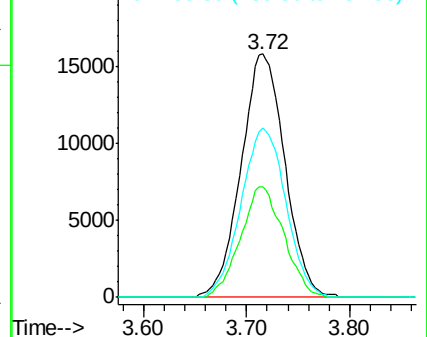
151 71.2 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.262 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

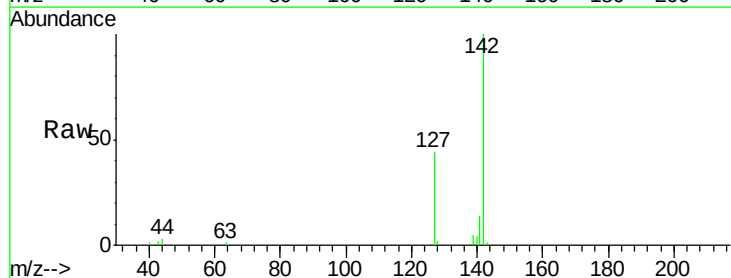
Tgt Ion:142 Resp: 52092

Ion Ratio Lower Upper

142 100

127 40.7 33.6 50.4

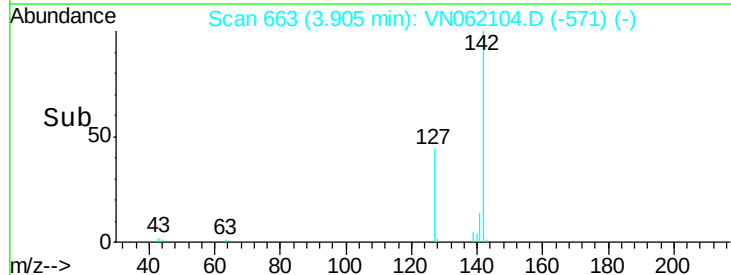
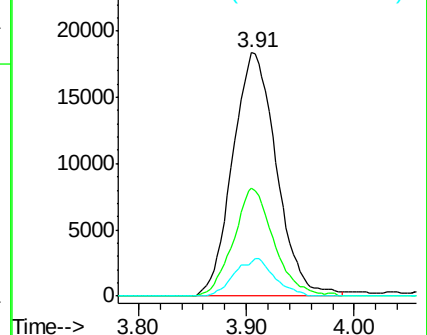
141 14.0 11.3 16.9

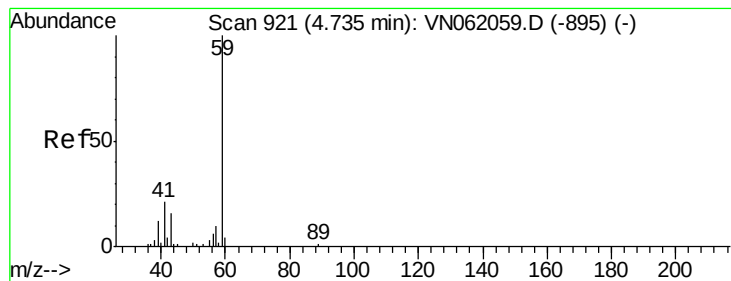


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



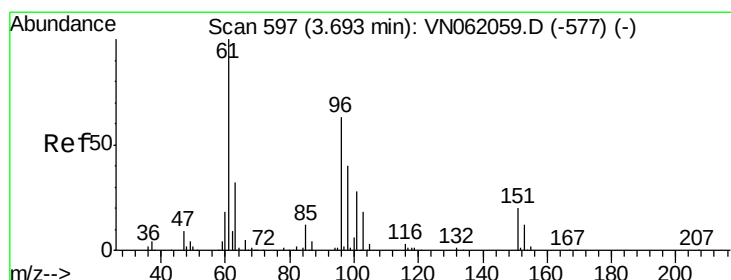
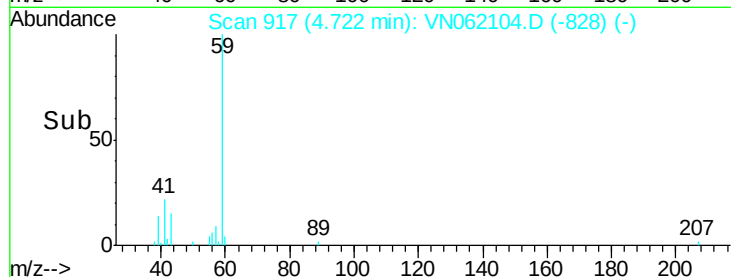
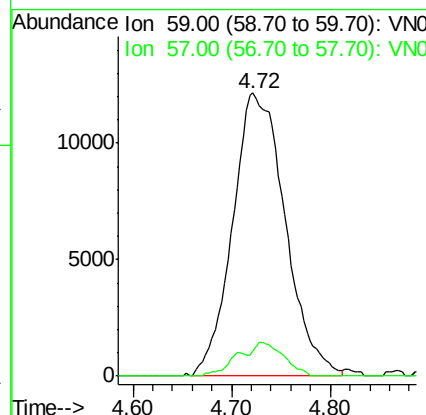
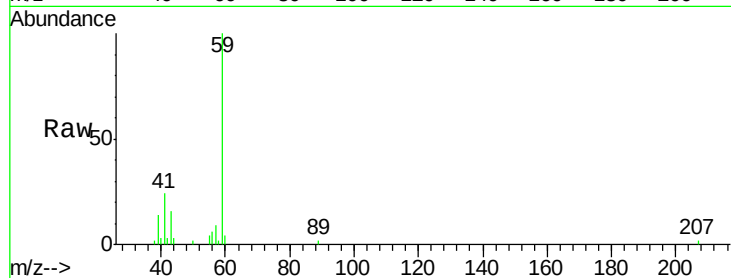


#11

Tert butyl alcohol
 Concen: 95.721 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Instrument :
 MSVOA_N
 ClientSampled :
 VN0625MBS01

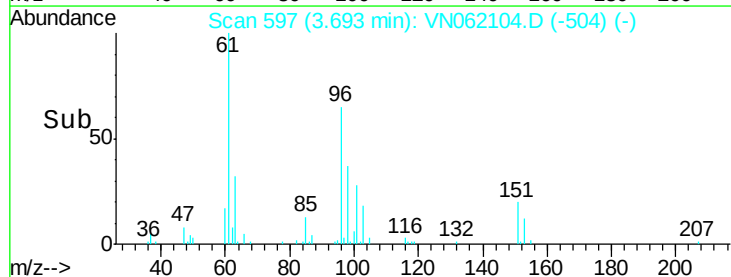
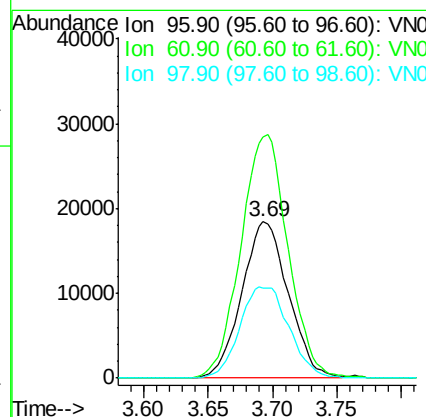
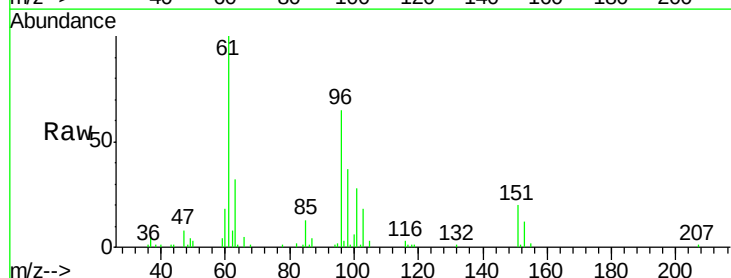
Tgt Ion: 59 Resp: 44994
 Ion Ratio Lower Upper
 59 100
 57 6.8 8.3 12.5#

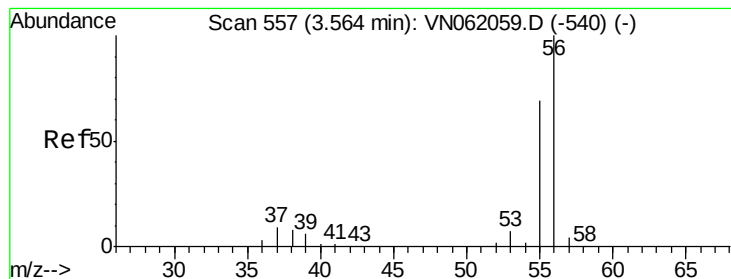


#12

1,1-Dichloroethene
 Concen: 17.288 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion: 96 Resp: 46309
 Ion Ratio Lower Upper
 96 100
 61 154.3 126.7 190.1
 98 57.8 51.0 76.4





#13

Acrolein

Concen: 93.394 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

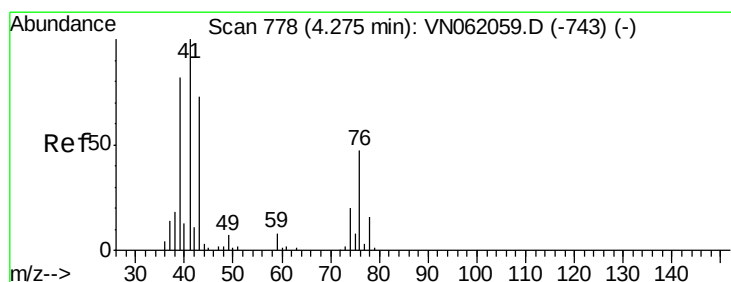
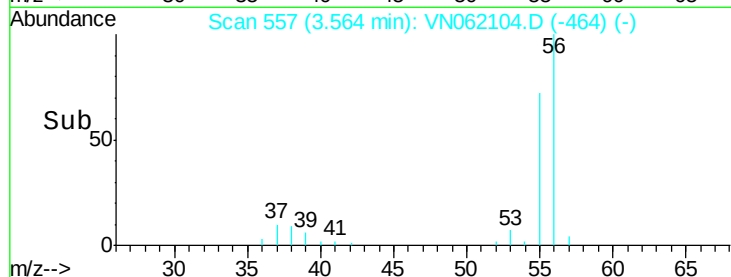
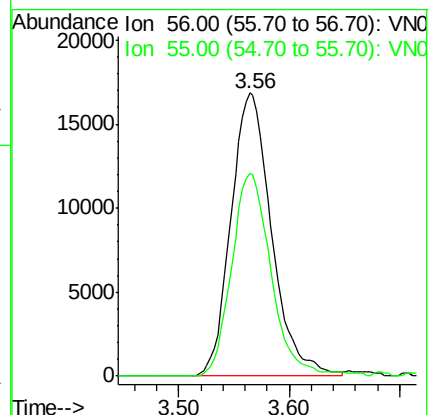
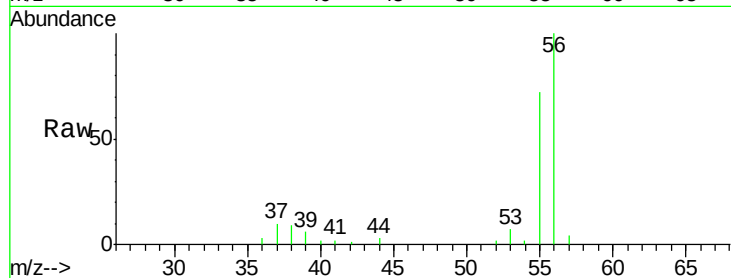
VN0625MBS01

Tgt Ion: 56 Resp: 42981

Ion Ratio Lower Upper

56 100

55 68.8 55.5 83.3



#14

Allyl chloride

Concen: 18.431 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

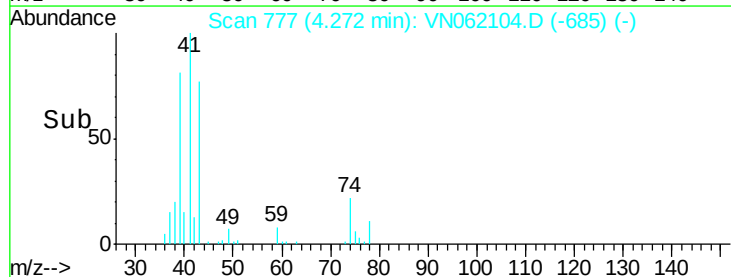
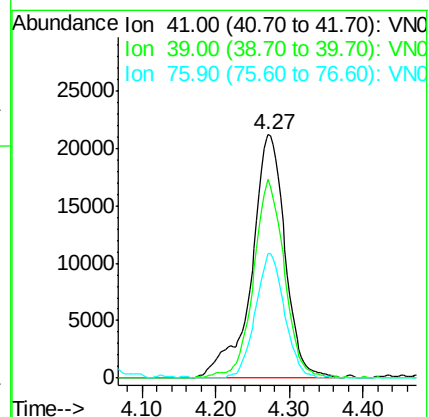
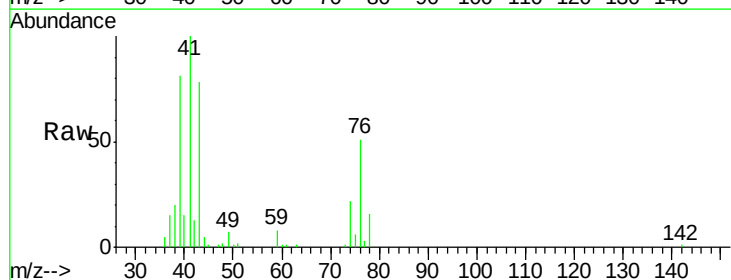
Tgt Ion: 41 Resp: 67219

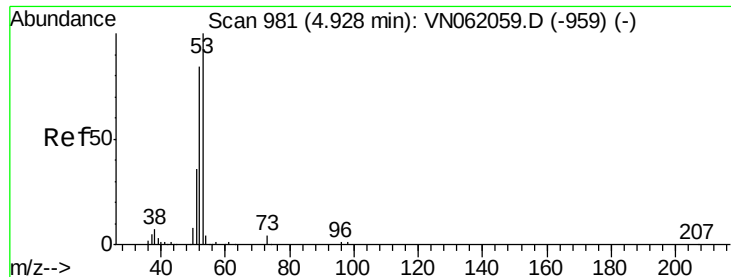
Ion Ratio Lower Upper

41 100

39 74.7 60.0 90.0

76 44.2 34.1 51.1





#15

Acrylonitrile

Concen: 96.909 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBS01

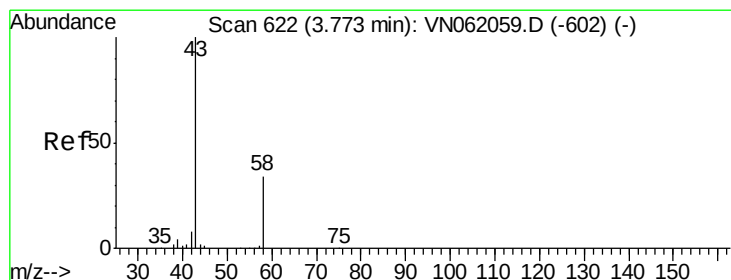
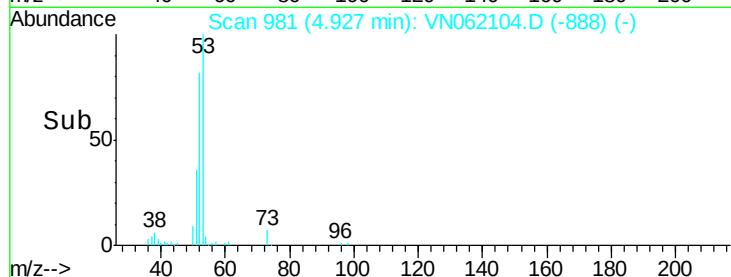
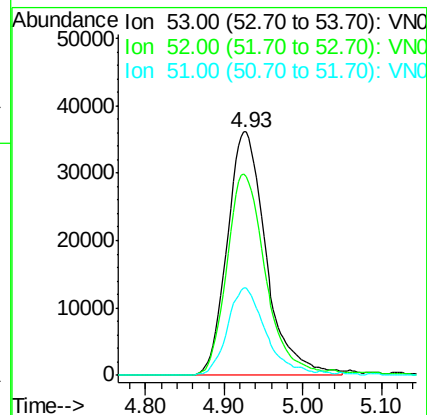
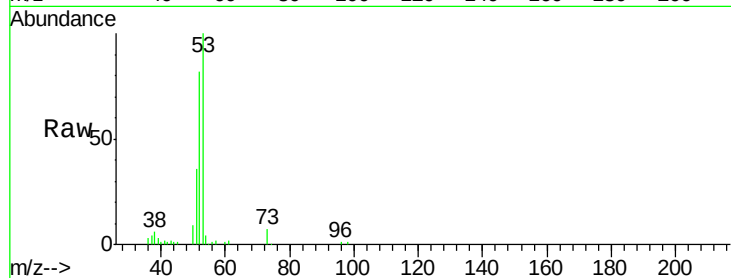
Tgt Ion: 53 Resp: 124132

Ion Ratio Lower Upper

53 100

52 81.7 66.2 99.4

51 35.4 28.9 43.3



#16

Acetone

Concen: 99.256 ug/l

RT: 3.77 min Scan# 620

Delta R.T. -0.01 min

Lab File: VN062104.D

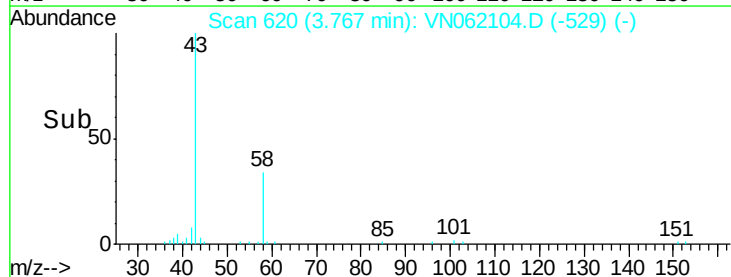
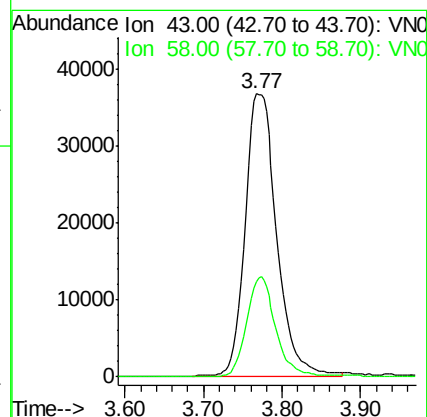
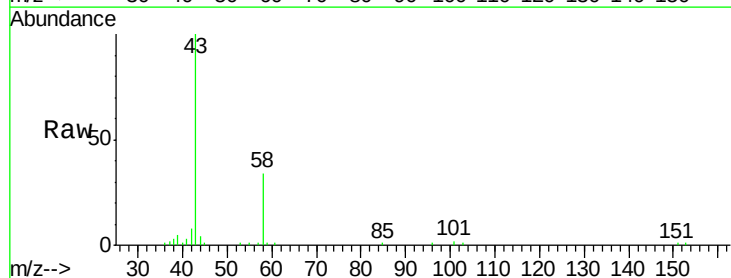
Acq: 25 Jun 2020 12:24

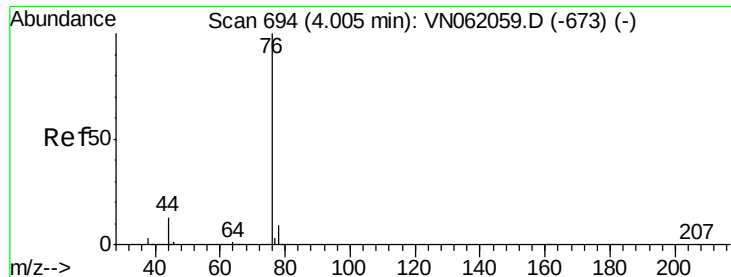
Tgt Ion: 43 Resp: 104508

Ion Ratio Lower Upper

43 100

58 33.8 27.5 41.3

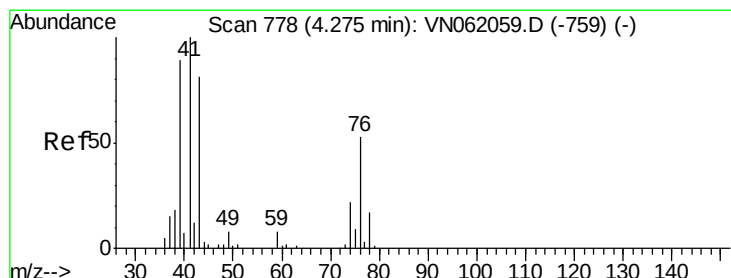
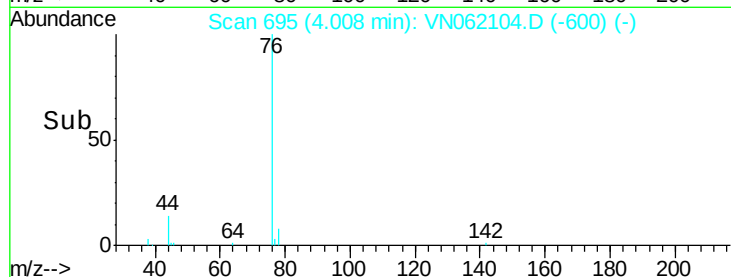
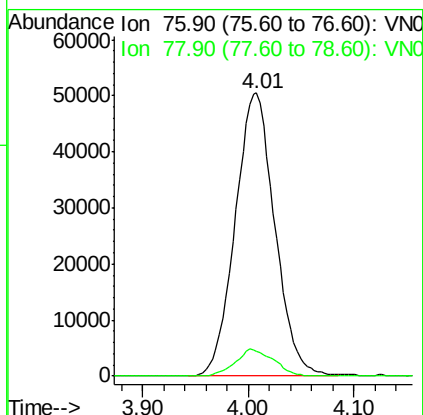
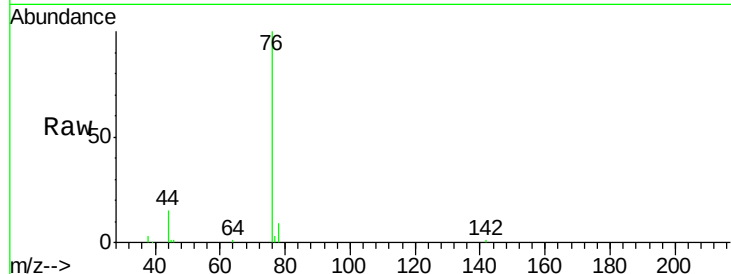




#17
Carbon Disulfide
Concen: 17.194 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

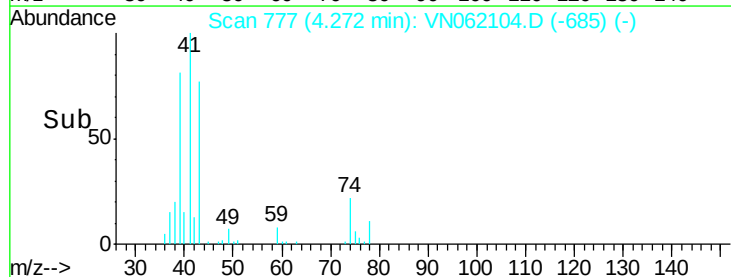
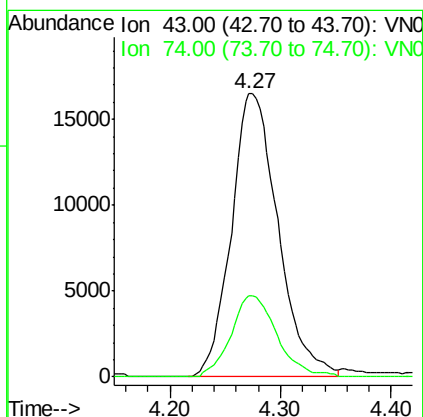
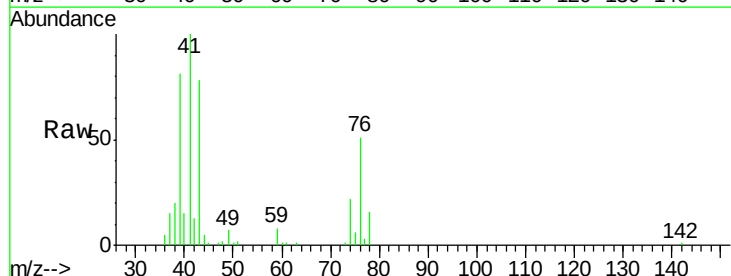
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

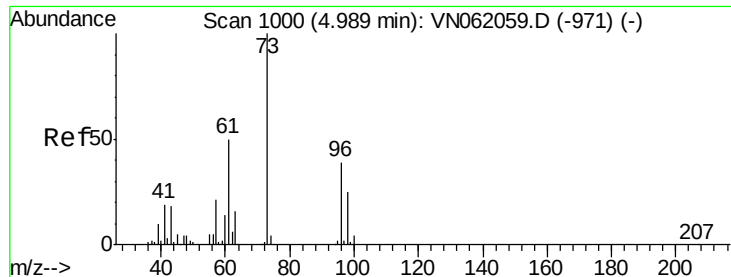
Tgt Ion: 76 Resp: 131669
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 18.608 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion: 43 Resp: 48428
Ion Ratio Lower Upper
43 100
74 28.2 22.9 34.3

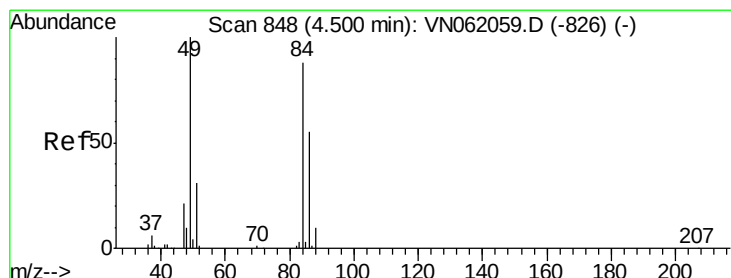
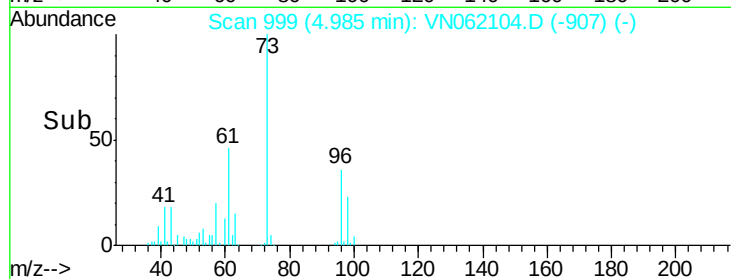
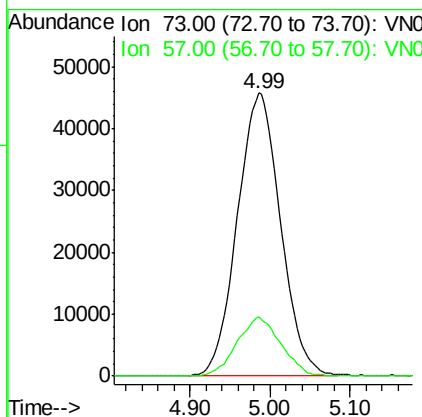
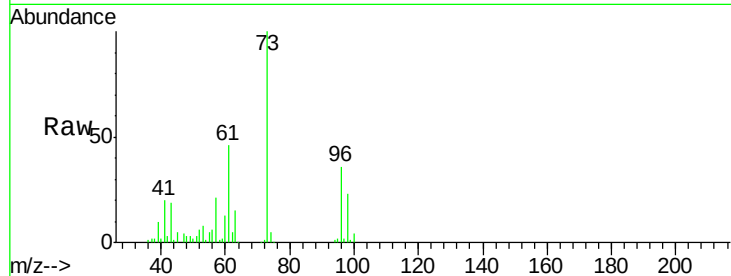




#19
Methyl tert-butyl Ether
Concen: 19.635 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

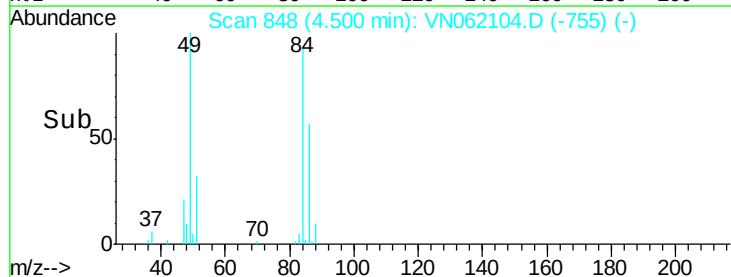
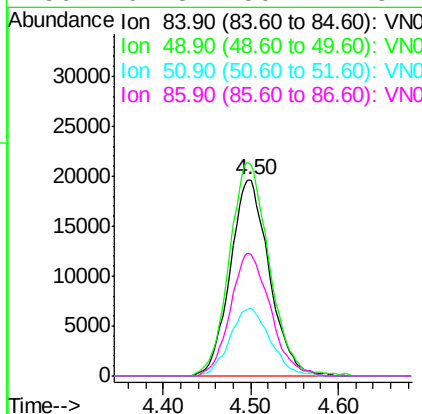
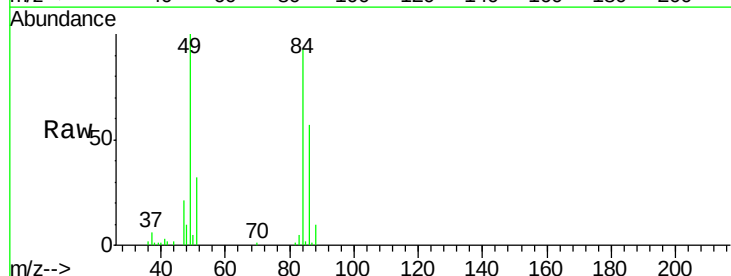
Instrument :
MSVOA_N
ClientSampled :
VN0625MBS01

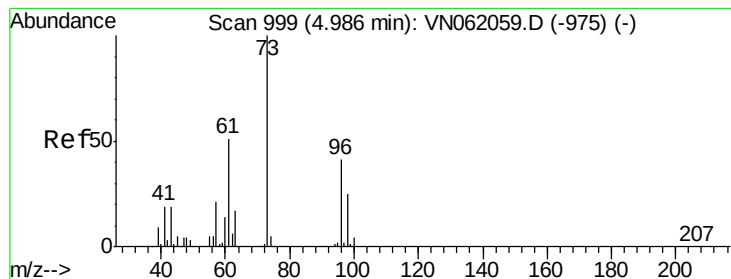
Tgt Ion: 73 Resp: 168074
Ion Ratio Lower Upper
73 100
57 20.8 16.6 24.8



#20
Methylene Chloride
Concen: 20.167 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion: 84 Resp: 60997
Ion Ratio Lower Upper
84 100
49 108.0 90.6 136.0
51 34.3 27.8 41.8
86 61.8 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.667 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBS01

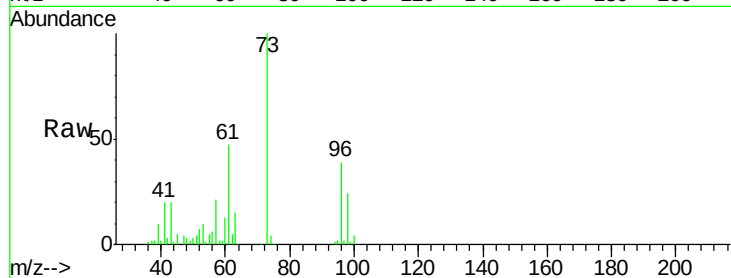
Tgt Ion: 96 Resp: 53914

Ion Ratio Lower Upper

96 100

61 121.7 101.4 152.2

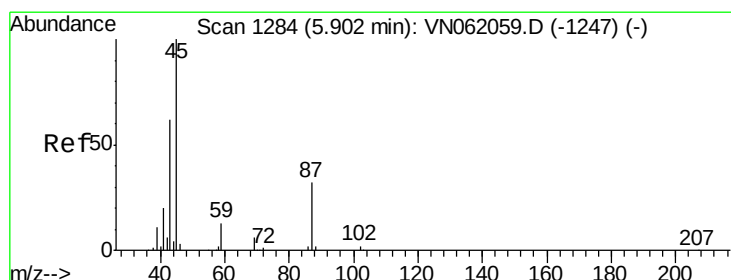
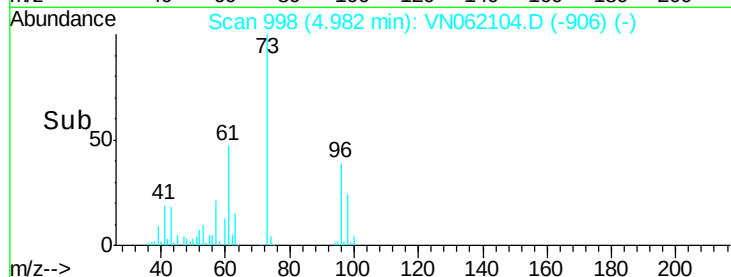
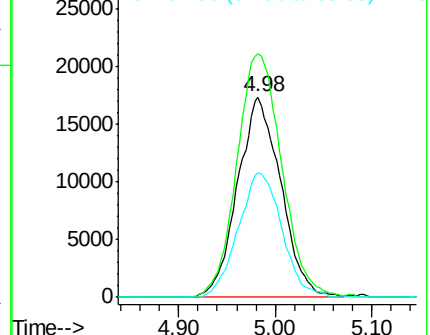
98 62.5 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN062104.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062104.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062104.D (-906) (-)



#22

Diisopropyl ether

Concen: 18.724 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Tgt Ion: 45 Resp: 155484

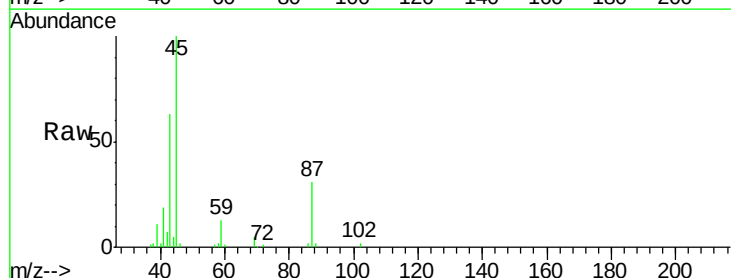
Ion Ratio Lower Upper

45 100

43 60.4 49.7 74.5

87 30.6 25.9 38.9

59 12.3 10.6 16.0

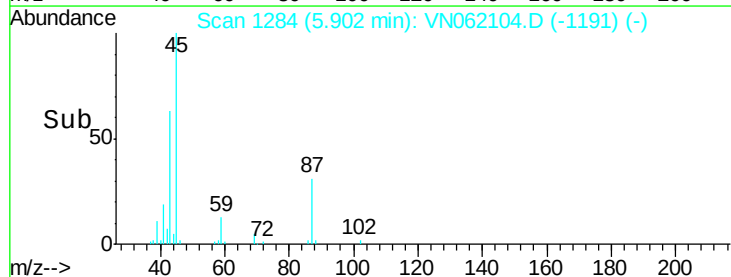
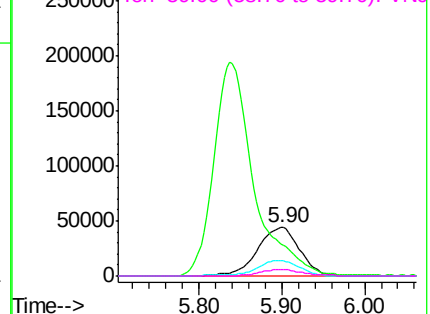


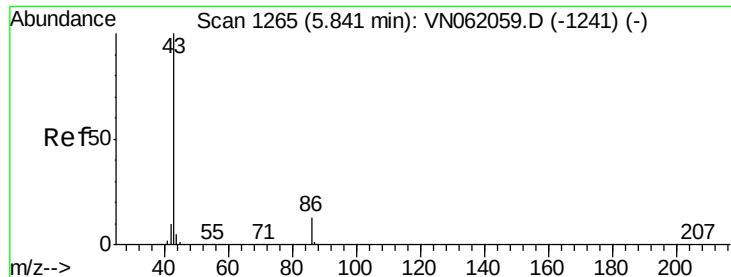
Abundance Ion 45.00 (44.70 to 45.70): VN062104.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062104.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062104.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062104.D (-1191) (-)





#23

Vinyl Acetate

Concen: 96.606 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

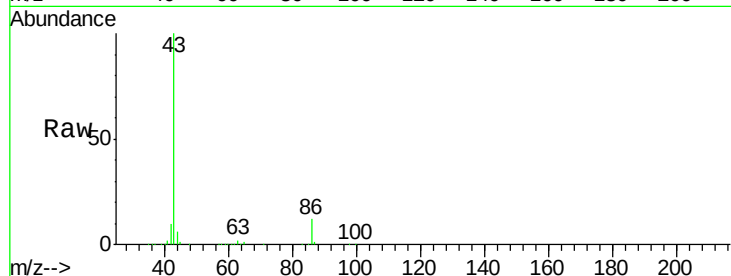
VN0625MBS01

Tgt Ion: 43 Resp: 654973

Ion Ratio Lower Upper

43 100

86 12.1 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062104.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062104.D (-1172) (-)

5.84

200000

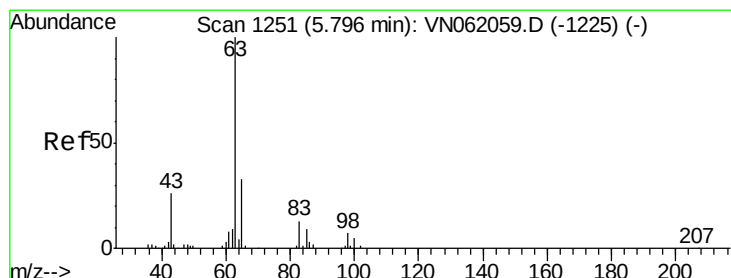
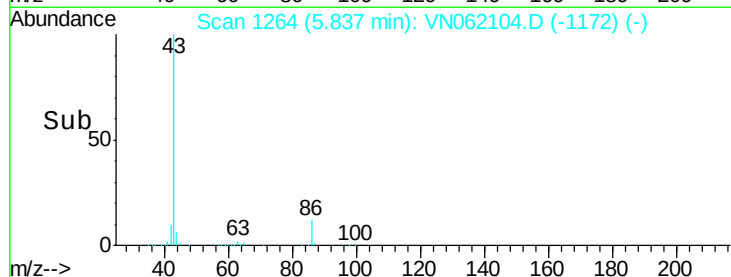
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.330 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

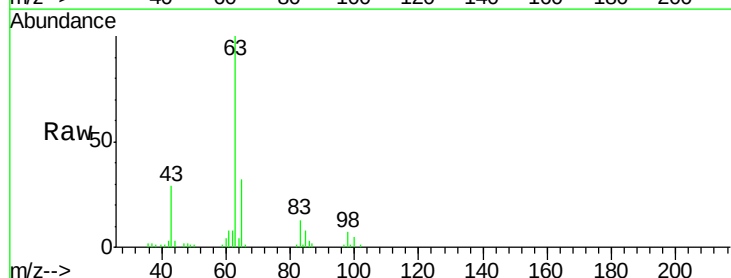
Tgt Ion: 63 Resp: 98016

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

100 5.1 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062104.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062104.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062104.D (-1158) (-)

5.79

40000

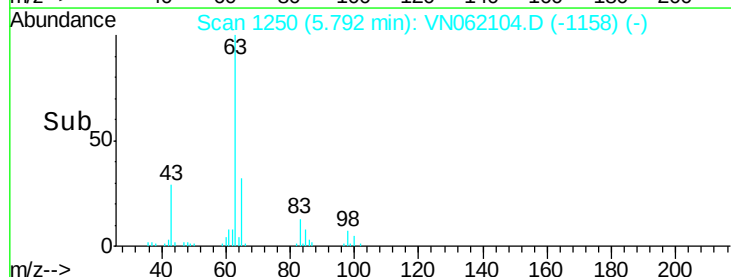
30000

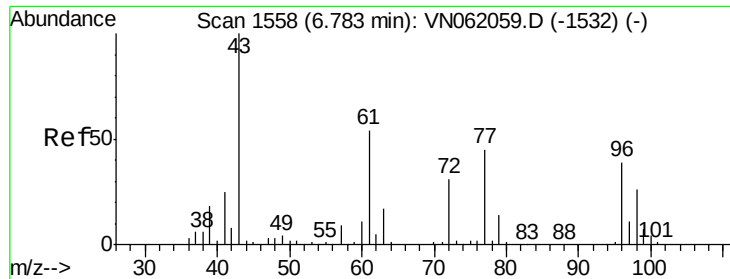
20000

10000

0

Time-->





#25

2-Butanone

Concen: 94.990 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

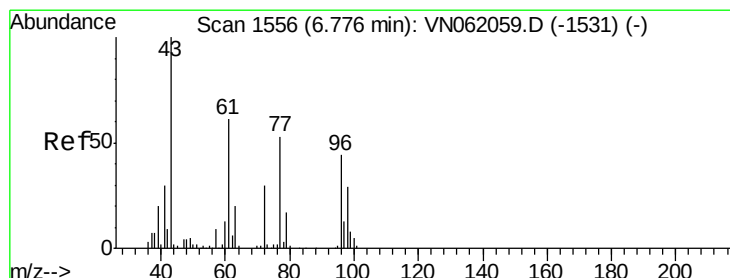
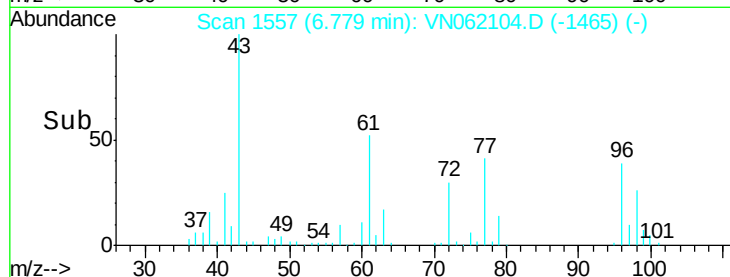
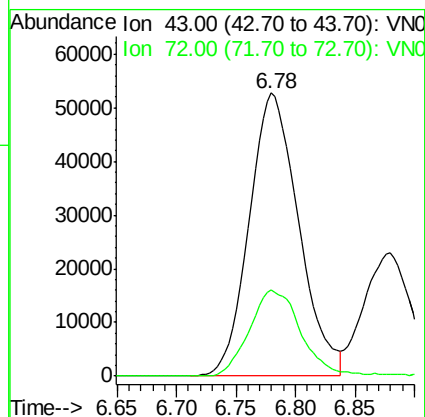
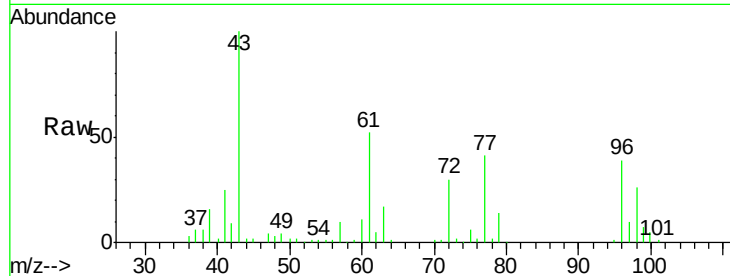
VN0625MBS01

Tgt Ion: 43 Resp: 152005

Ion Ratio Lower Upper

43 100

72 30.3 24.8 37.2



#26

2,2-Dichloropropane

Concen: 17.340 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062104.D

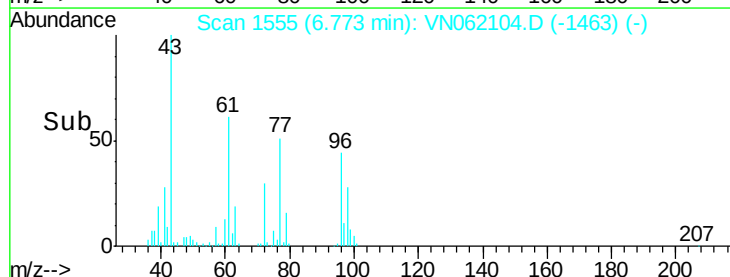
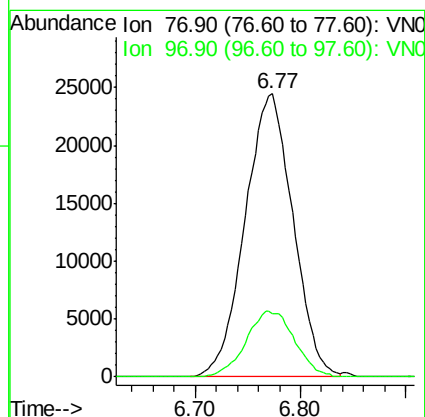
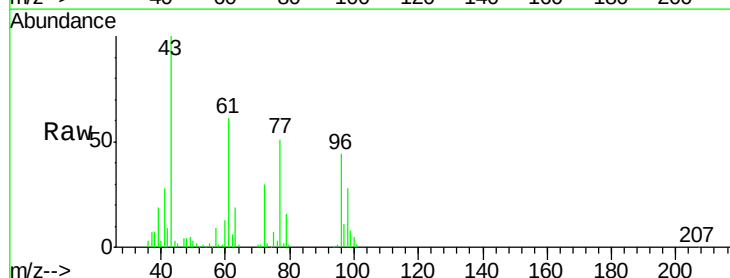
Acq: 25 Jun 2020 12:24

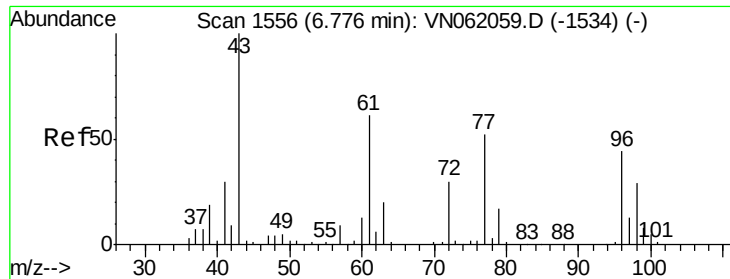
Tgt Ion: 77 Resp: 77269

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.088 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

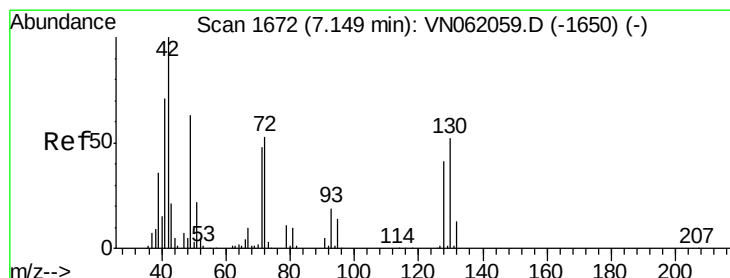
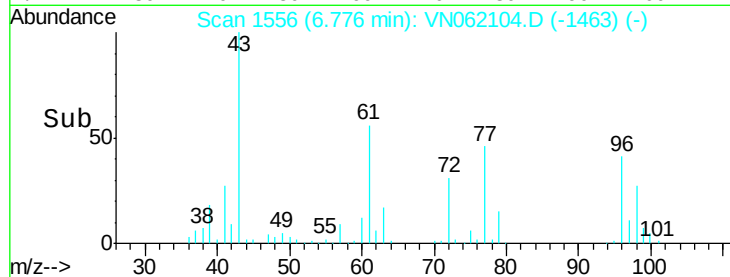
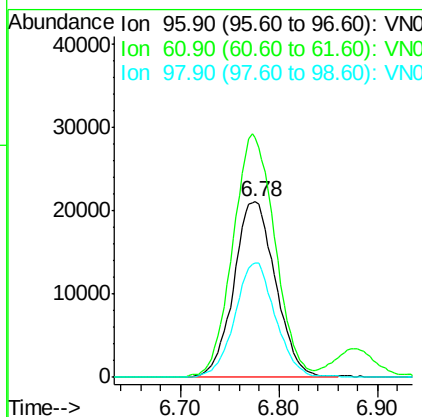
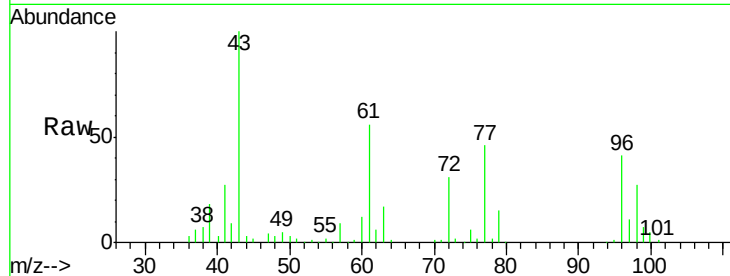
Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Tgt Ion: 96 Resp: 62111

Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	280.4
98	62.9	0.0	129.4



#28

Bromochloromethane

Concen: 17.969 ug/l

RT: 7.14 min Scan# 1670

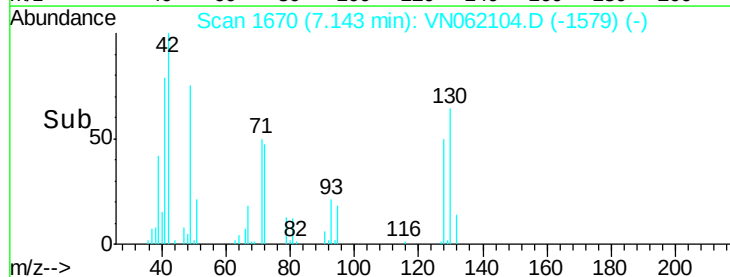
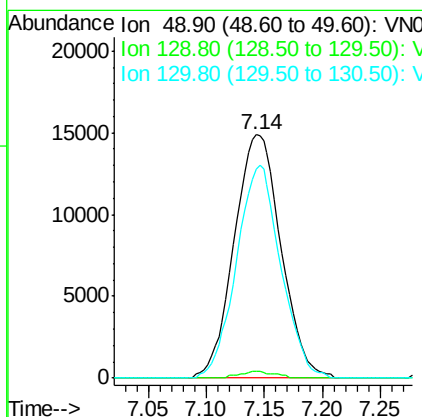
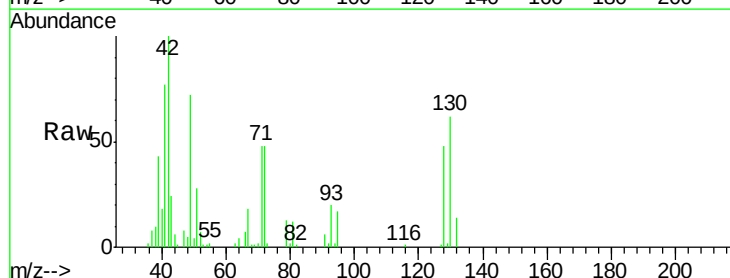
Delta R.T. -0.01 min

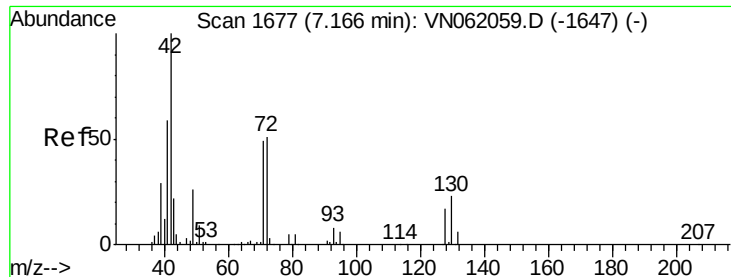
Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Tgt Ion: 49 Resp: 41691

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	82.6	65.5	98.3

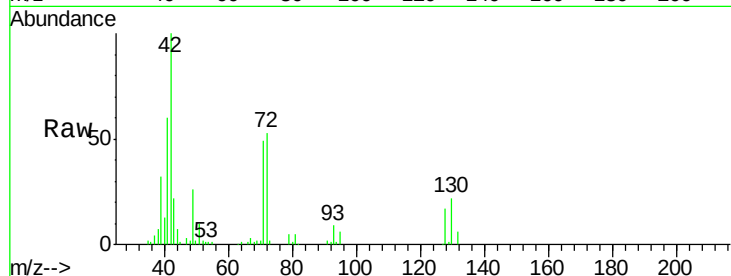




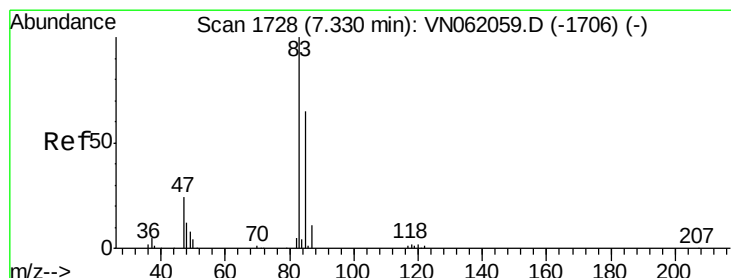
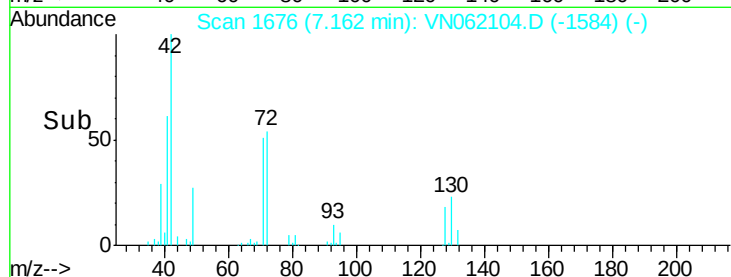
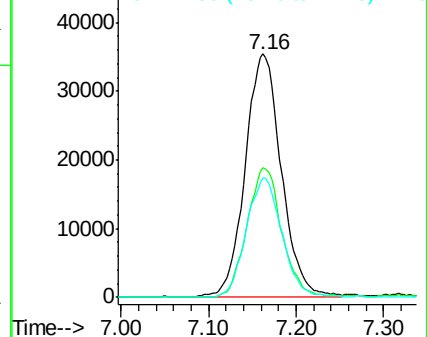
#29
Tetrahydrofuran
Concen: 97.061 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

Tgt Ion: 42 Resp: 101742
Ion Ratio Lower Upper
42 100
72 51.1 41.1 61.7
71 48.3 38.2 57.4

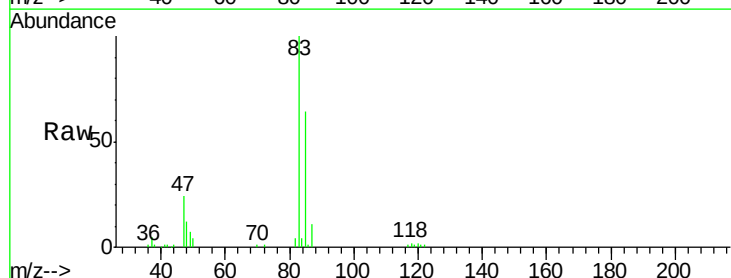


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

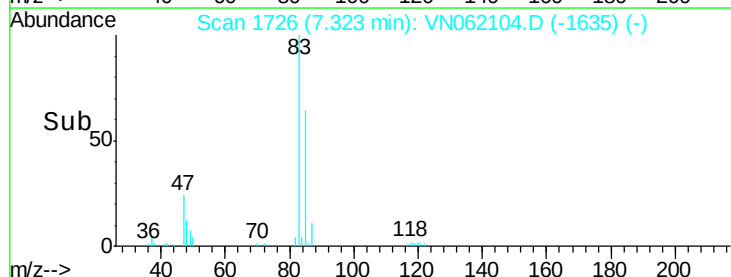
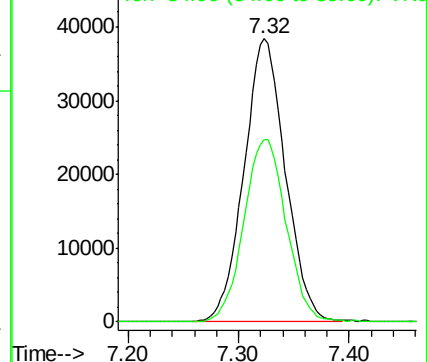


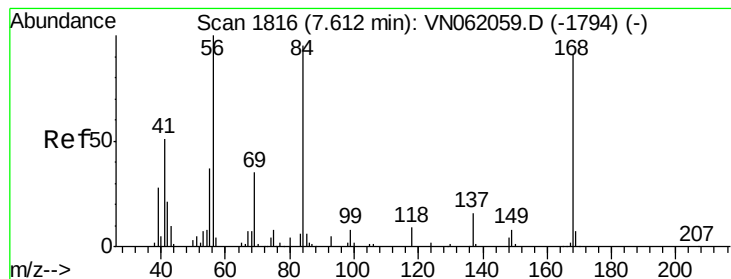
#30
Chloroform
Concen: 18.351 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion: 83 Resp: 99838
Ion Ratio Lower Upper
83 100
85 64.4 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 16.722 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

VN0625MBS01

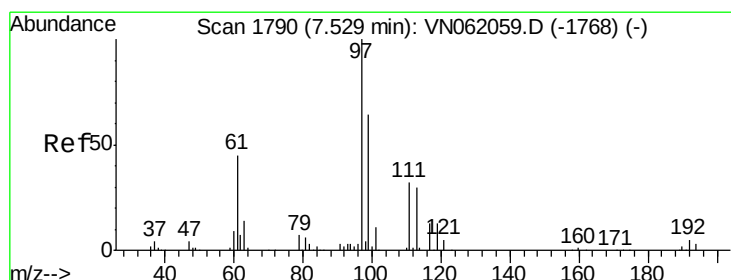
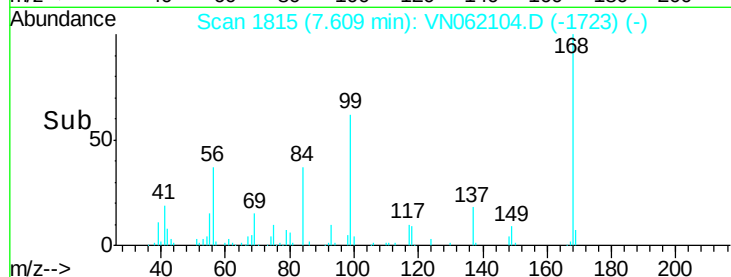
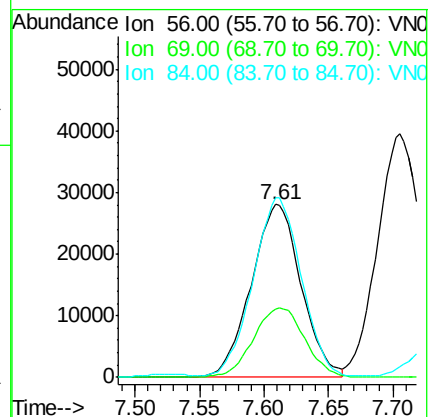
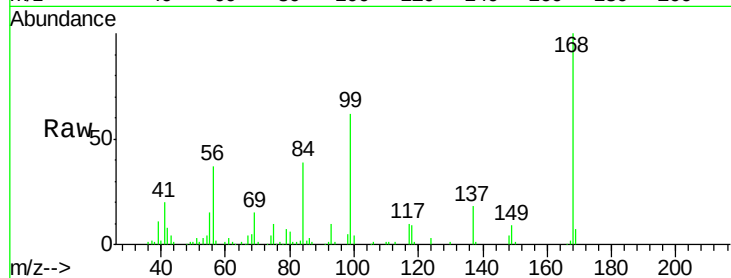
Tgt Ion: 56 Resp: 75638

Ion Ratio Lower Upper

56 100

69 39.7 28.0 42.0

84 103.0 76.1 114.1



#32

1,1,1-Trichloroethane

Concen: 17.846 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

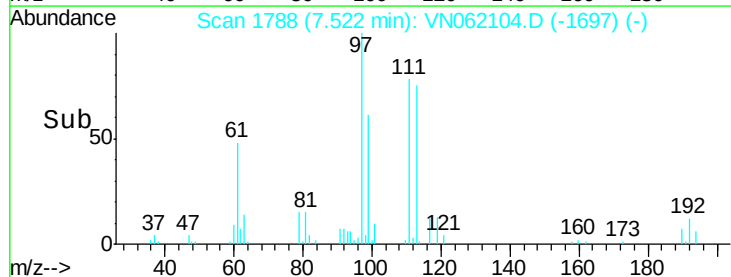
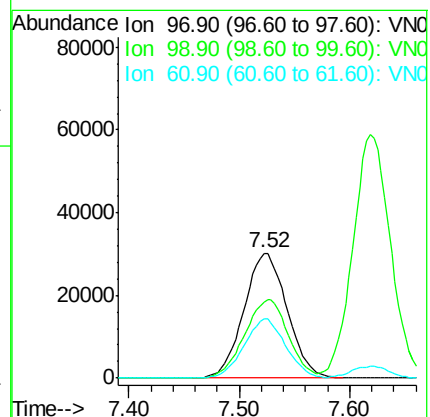
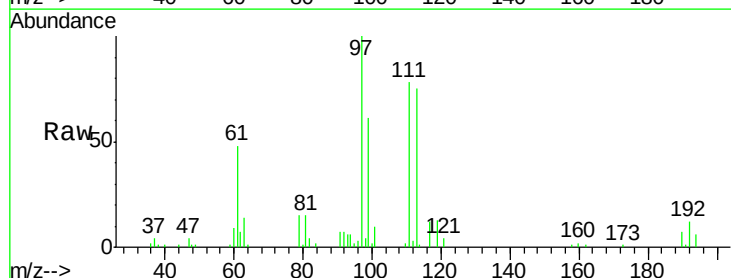
Tgt Ion: 97 Resp: 81878

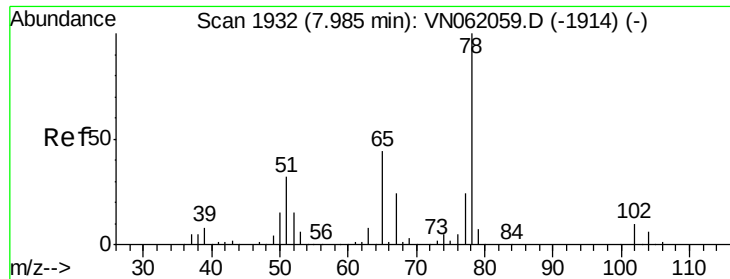
Ion Ratio Lower Upper

97 100

99 63.5 51.0 76.4

61 45.6 36.2 54.2

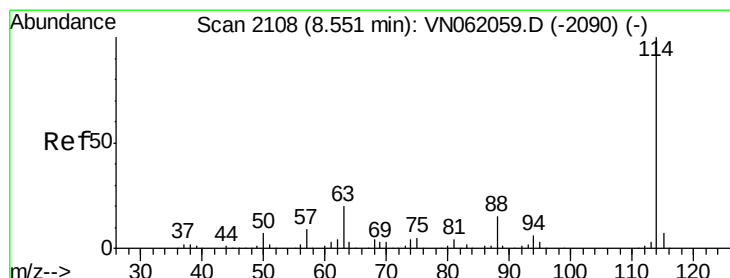
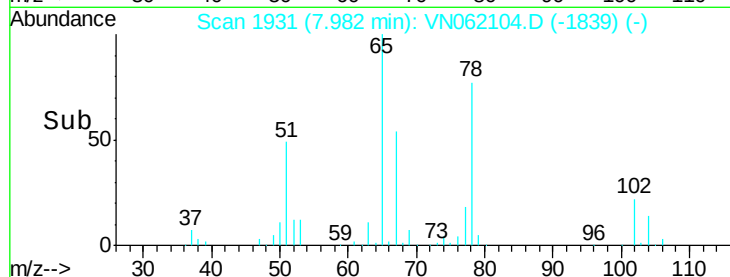
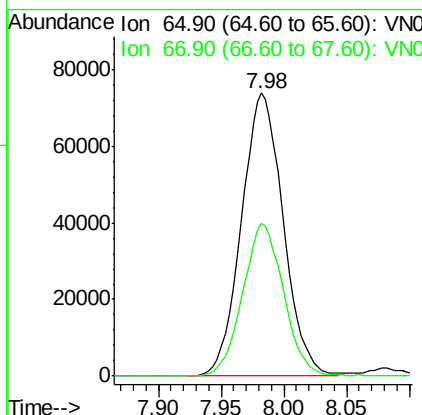
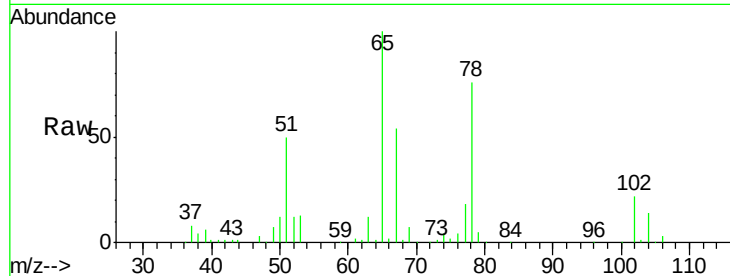




#33
 1,2-Dichloroethane-d4
 Concen: 52.211 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

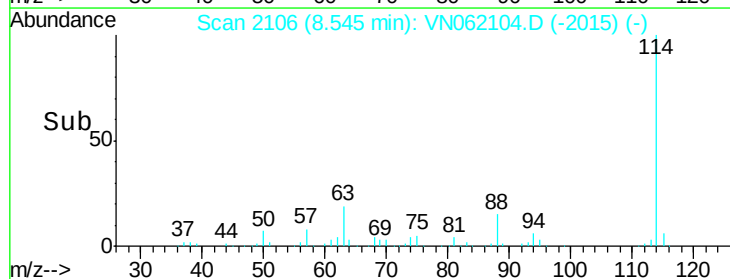
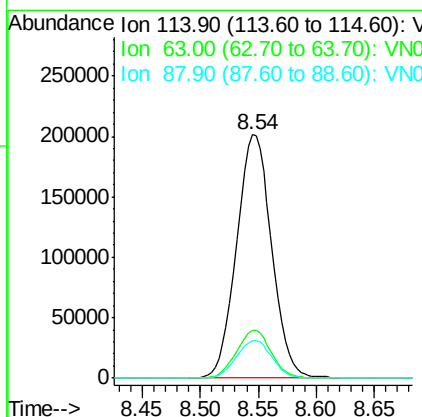
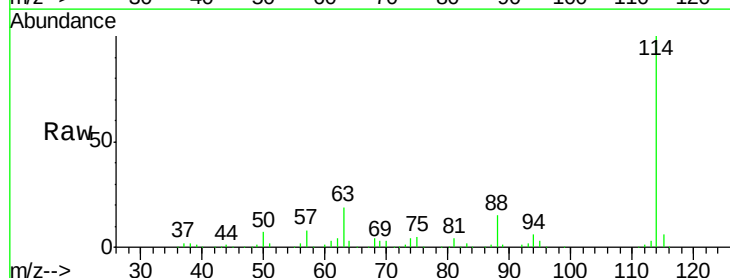
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

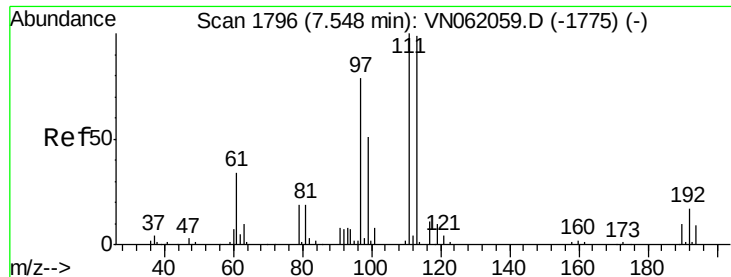
Tgt Ion: 65 Resp: 170931
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion: 114 Resp: 422380
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.5 0.0 30.8

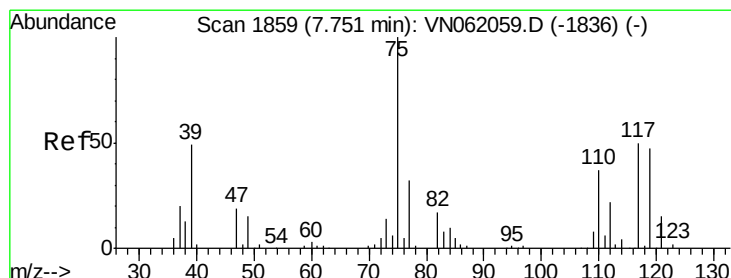
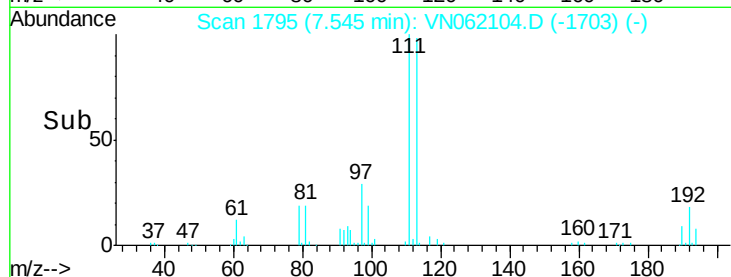
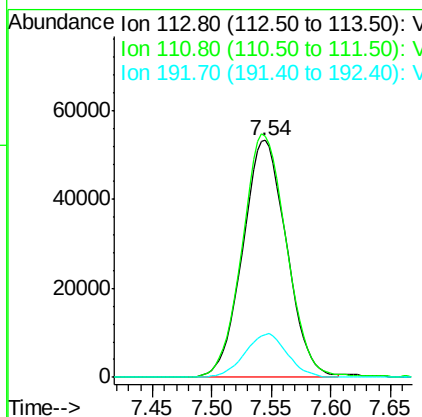
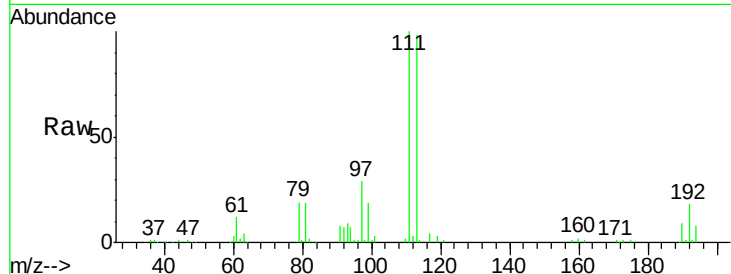




#35
 Dibromofluoromethane
 Concen: 50.173 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

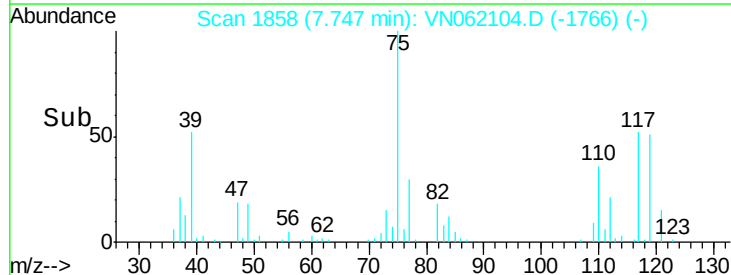
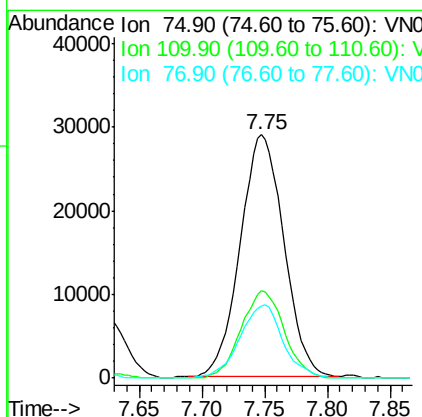
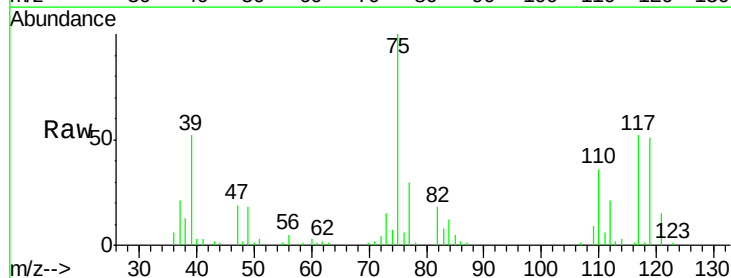
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

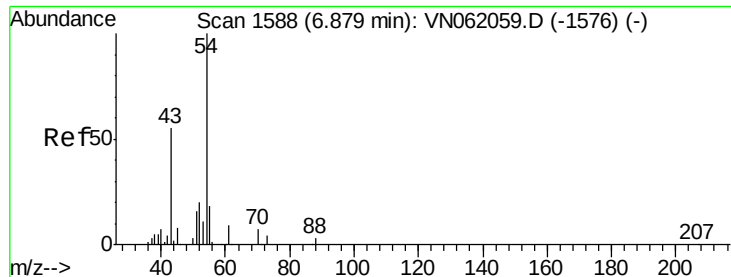
Tgt Ion: 113 Resp: 135958
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.2 123.4
 192 17.8 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 16.497 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion: 75 Resp: 70041
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.9 53.8
 77 30.0 24.9 37.3

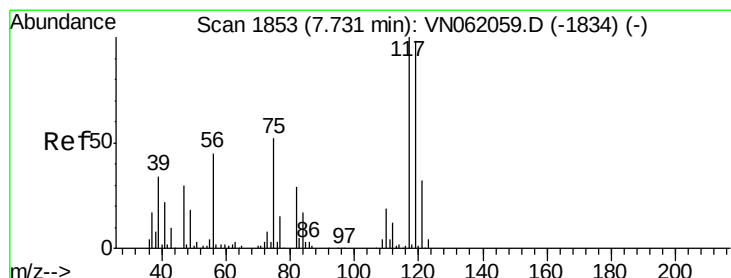
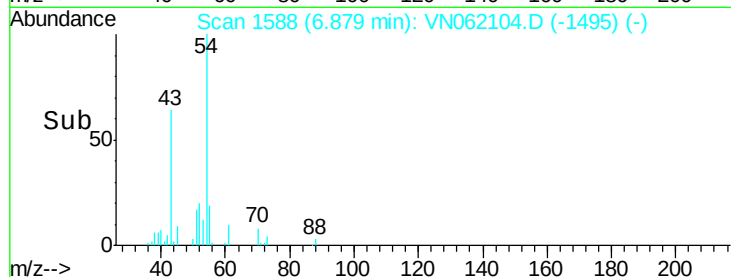
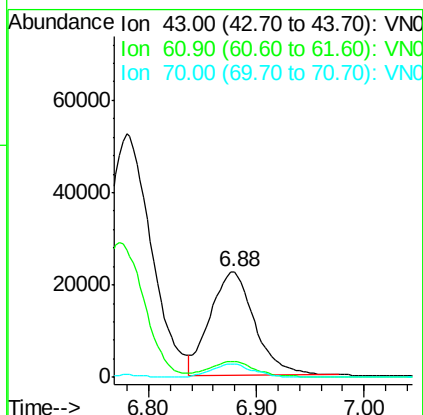
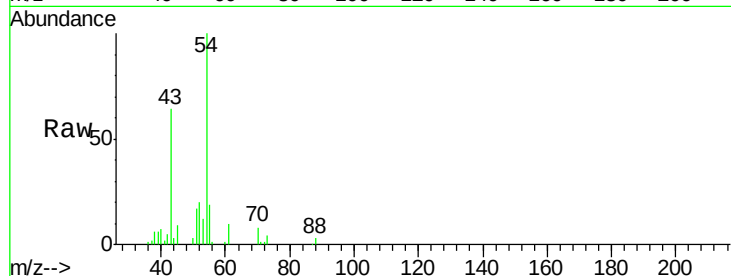




#37
Ethyl Acetate
 Concen: 18.506 ug/l
 RT: 6.88 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

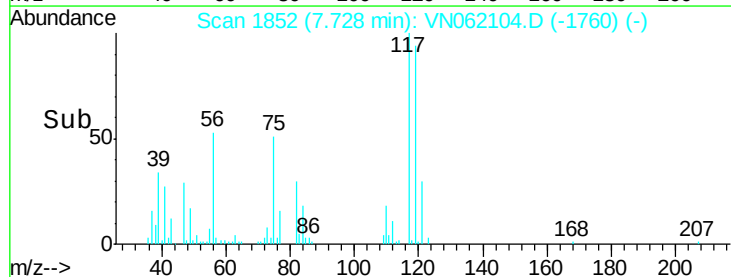
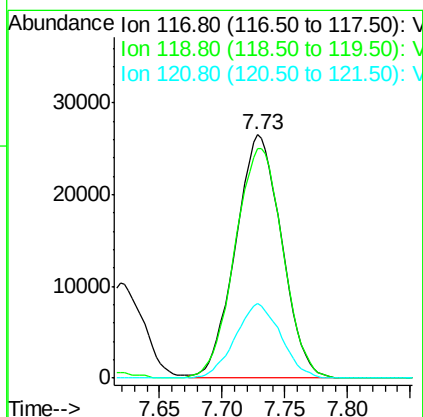
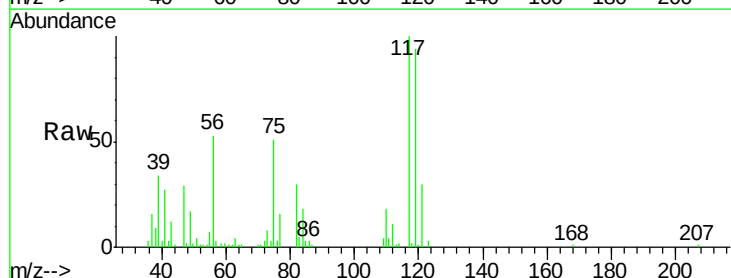
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

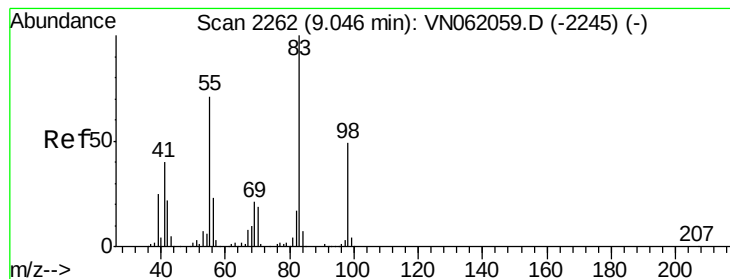
Tgt Ion: 43 Resp: 65058
 Ion Ratio Lower Upper
 43 100
 61 16.0 12.0 18.0
 70 12.0 9.6 14.4



#38
Carbon Tetrachloride
 Concen: 16.950 ug/l
 RT: 7.73 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion: 117 Resp: 67844
 Ion Ratio Lower Upper
 117 100
 119 94.2 78.2 117.2
 121 30.4 25.8 38.6





#39

Methylcyclohexane

Concen: 16.154 ug/l

RT: 9.04 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBS01

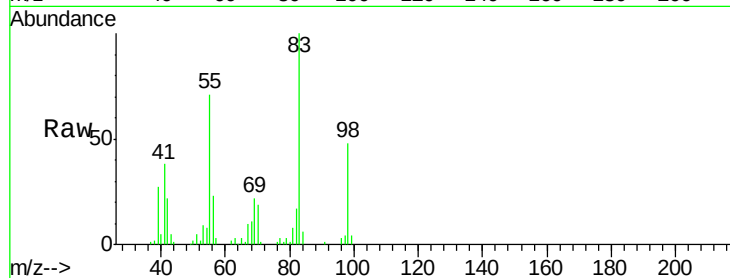
Tgt Ion: 83 Resp: 75146

Ion Ratio Lower Upper

83 100

55 71.1 57.0 85.6

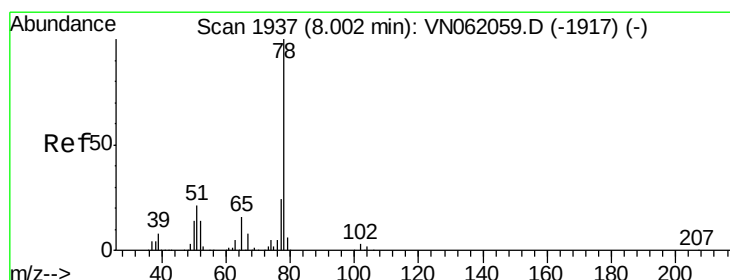
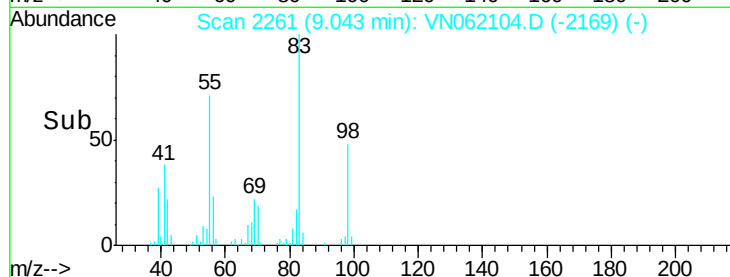
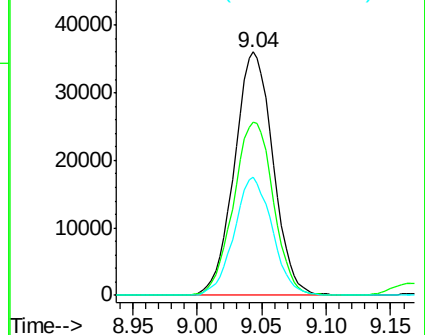
98 48.3 39.0 58.6



Abundance Ion 83.00 (82.70 to 83.70): VN062104.D (-2169) (-)

Ion 55.00 (54.70 to 55.70): VN062104.D (-2169) (-)

Ion 98.00 (97.70 to 98.70): VN062104.D (-2169) (-)



#40

Benzene

Concen: 17.370 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VN062104.D

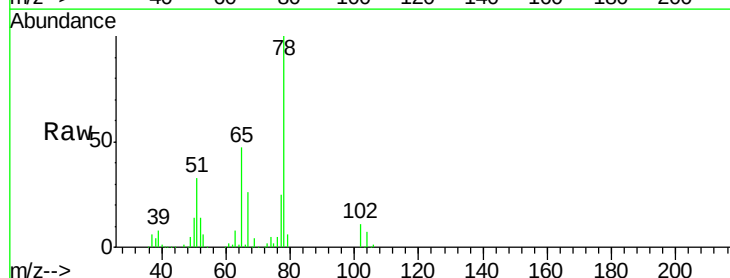
Acq: 25 Jun 2020 12:24

Tgt Ion: 78 Resp: 224777

Ion Ratio Lower Upper

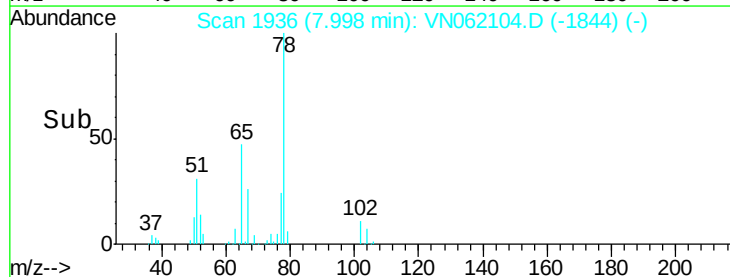
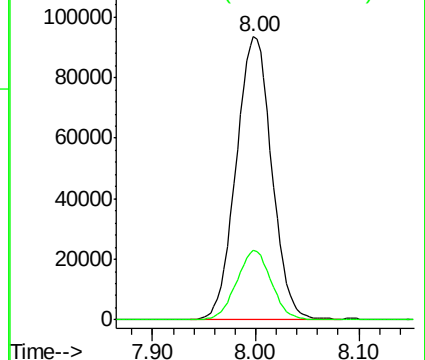
78 100

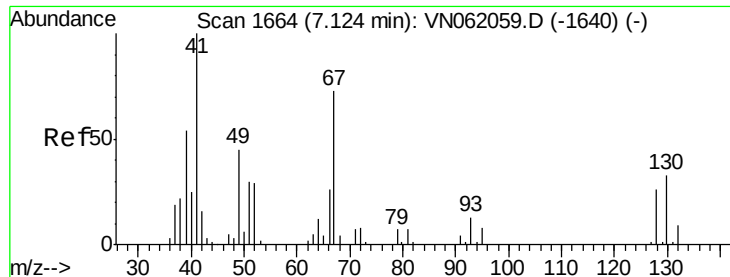
77 24.6 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VN062104.D (-1844) (-)

Ion 77.00 (76.70 to 77.70): VN062104.D (-1844) (-)

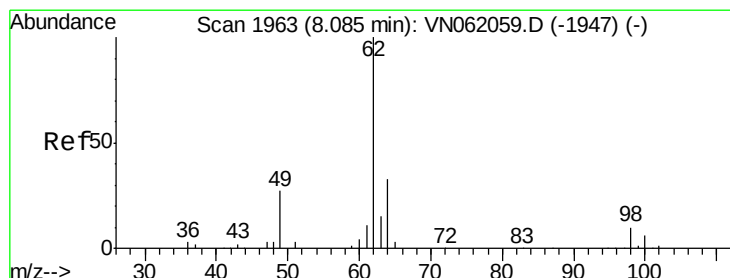
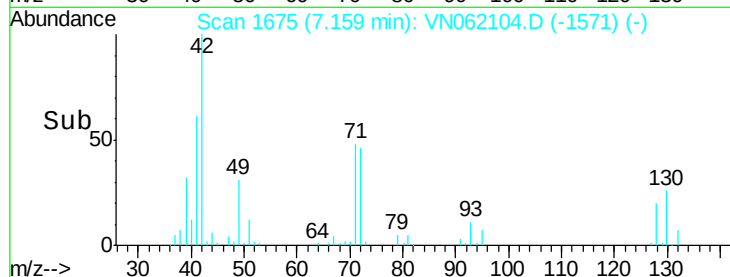
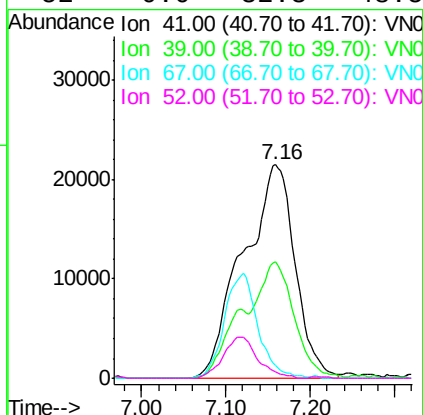
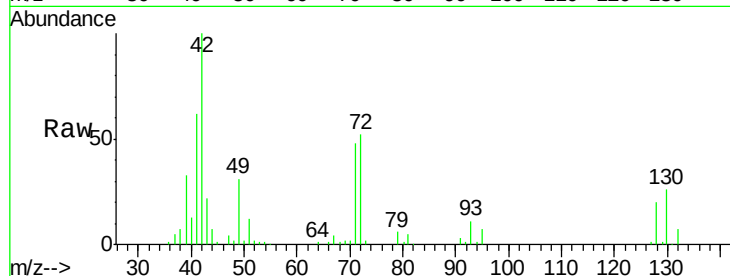




#41
Methacrylonitrile
Concen: 56.388 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.04 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

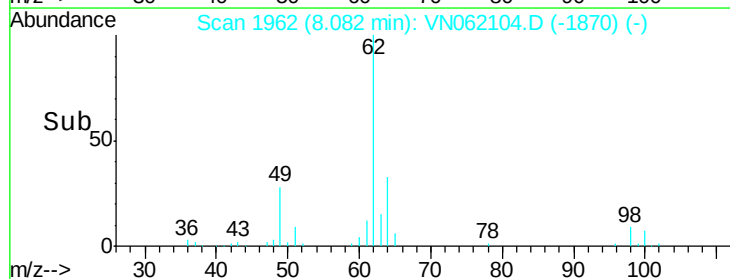
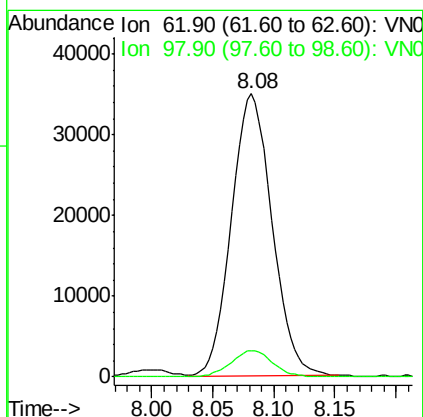
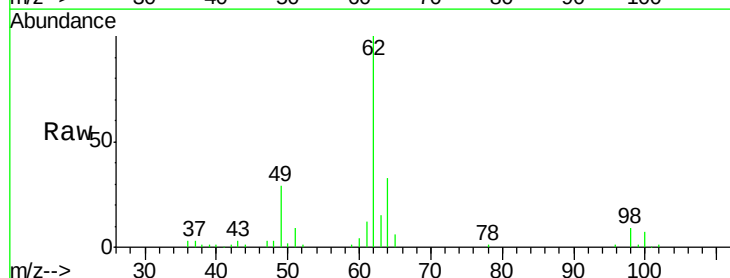
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

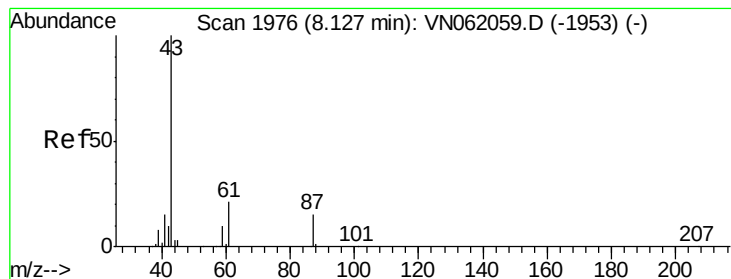
Tgt Ion: 41 Resp: 91902
Ion Ratio Lower Upper
41 100
39 31.6 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 18.471 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion: 62 Resp: 80757
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.8





#43

Isopropyl Acetate

Concen: 18.716 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.01 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBS01

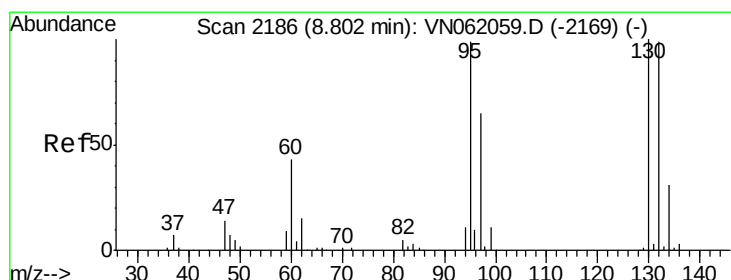
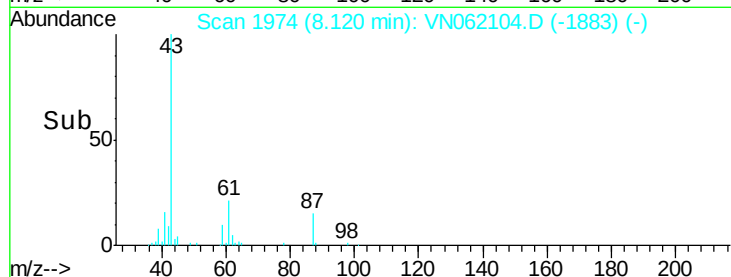
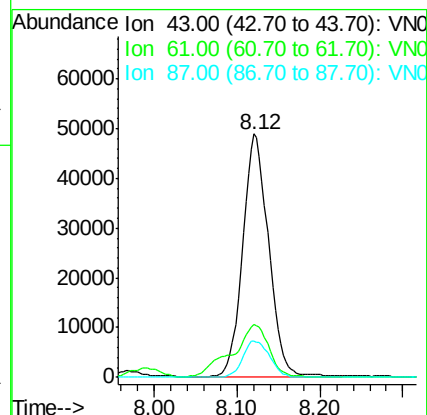
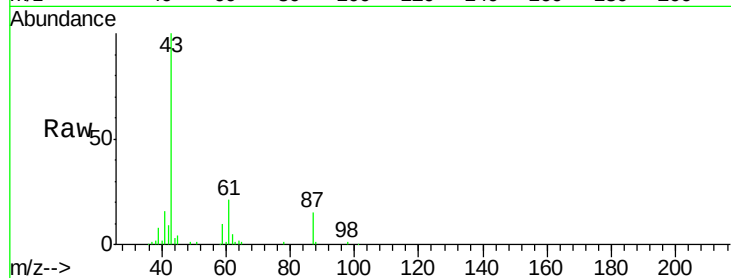
Tgt Ion: 43 Resp: 107262

Ion Ratio Lower Upper

43 100

61 30.8 17.2 25.8#

87 15.3 12.1 18.1



#44

Trichloroethene

Concen: 16.734 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062104.D

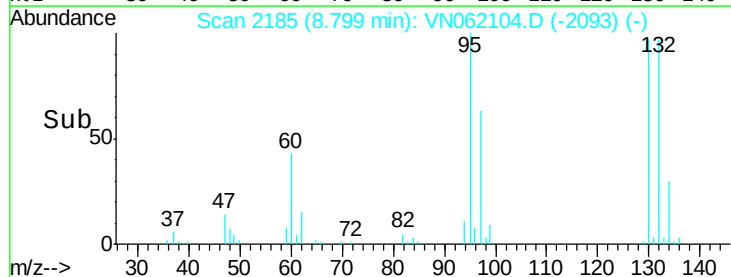
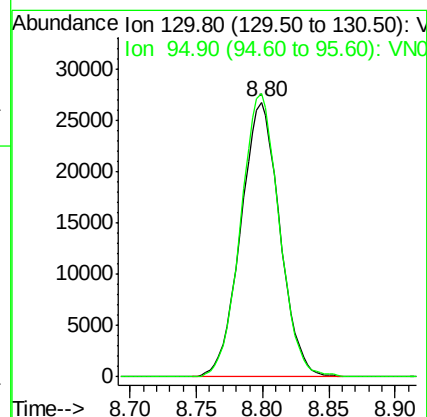
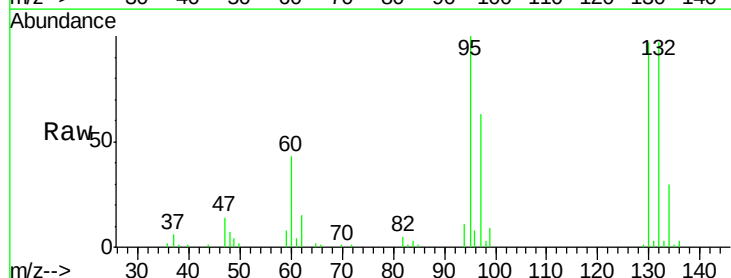
Acq: 25 Jun 2020 12:24

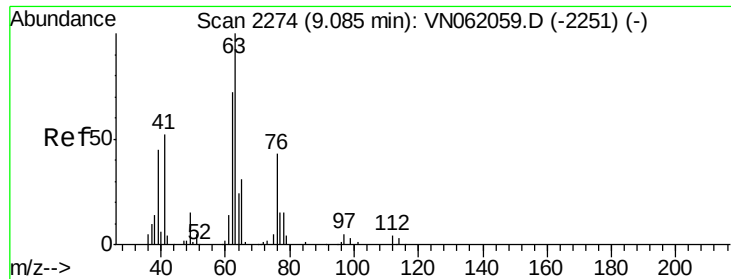
Tgt Ion: 130 Resp: 54623

Ion Ratio Lower Upper

130 100

95 103.0 0.0 197.8

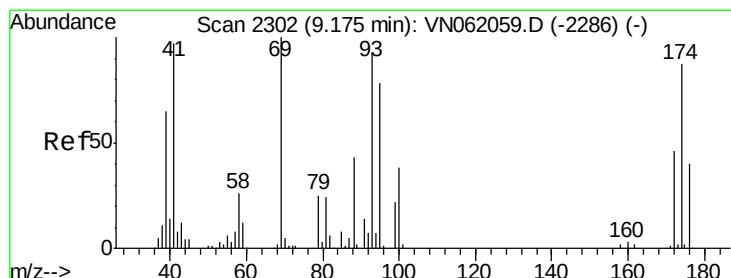
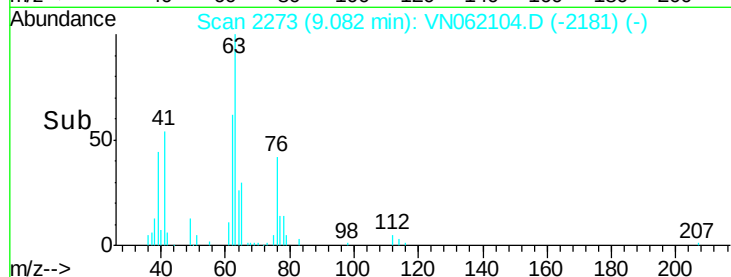
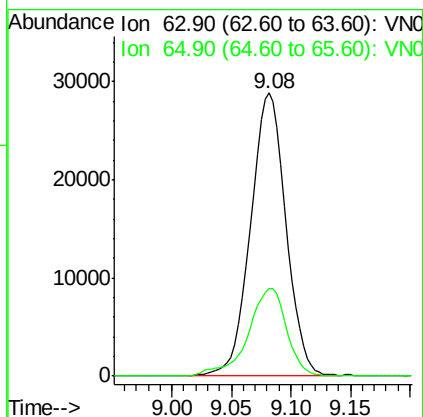
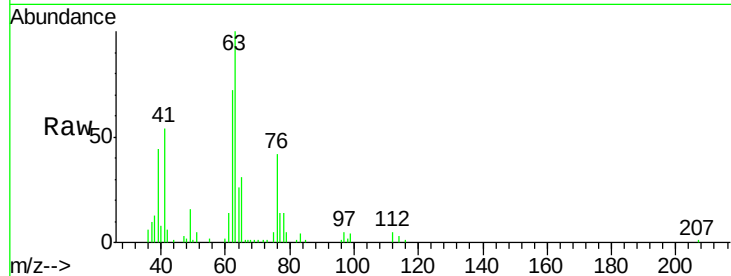




#45
 1,2-Dichloropropane
 Concen: 18.599 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

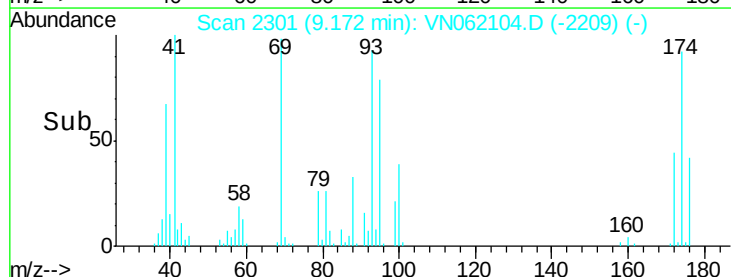
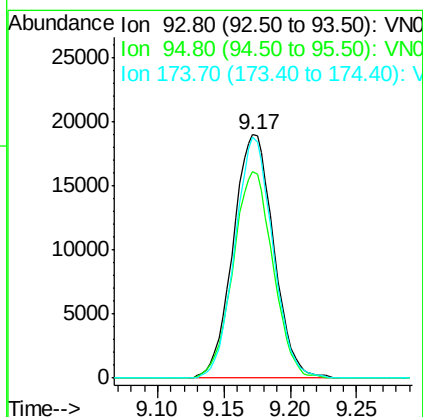
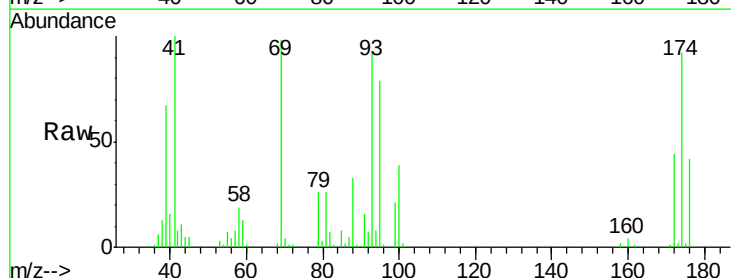
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

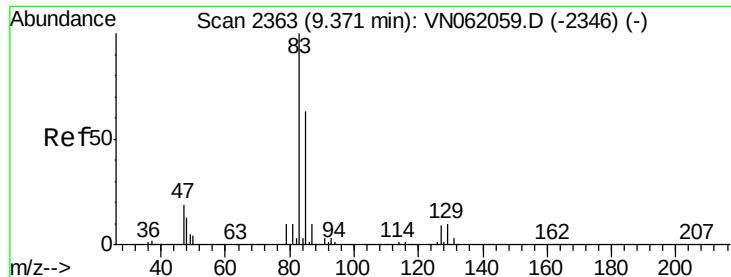
Tgt Ion: 63 Resp: 59375
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.0 37.4



#46
 Dibromomethane
 Concen: 18.629 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion: 93 Resp: 40321
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.0 100.6
 174 92.7 74.4 111.6





#47

Bromodichloromethane

Concen: 18.448 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

VN0625MBS01

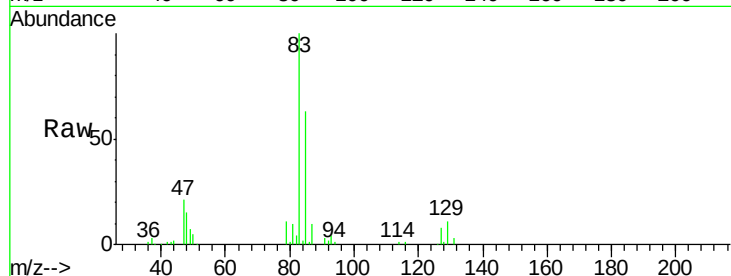
Tgt Ion: 83 Resp: 80626

Ion Ratio Lower Upper

83 100

85 63.4 50.3 75.5

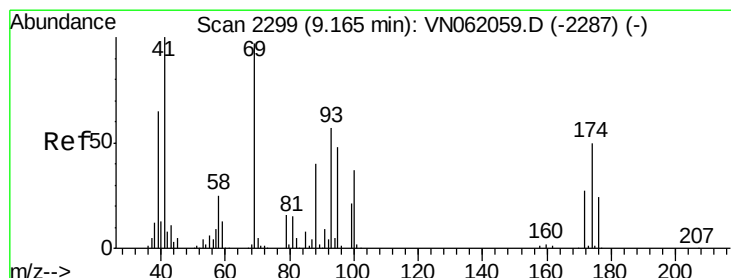
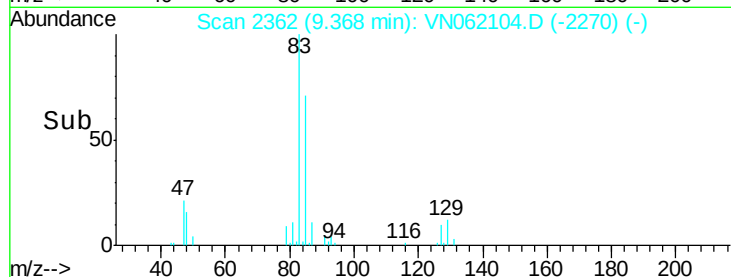
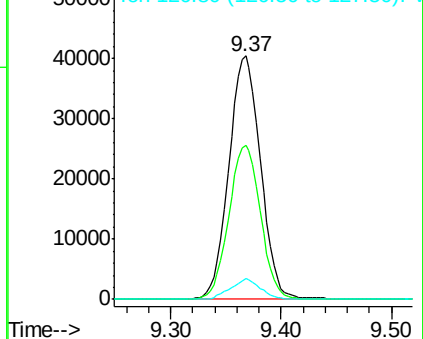
127 8.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062104.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062104.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062104.D (-2270) (-)



#48

Methyl methacrylate

Concen: 18.372 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

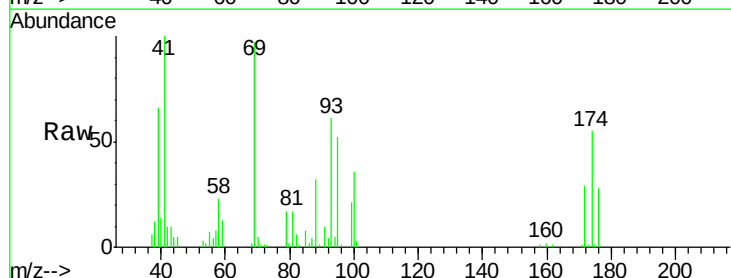
Tgt Ion: 41 Resp: 47208

Ion Ratio Lower Upper

41 100

69 99.2 80.7 121.1

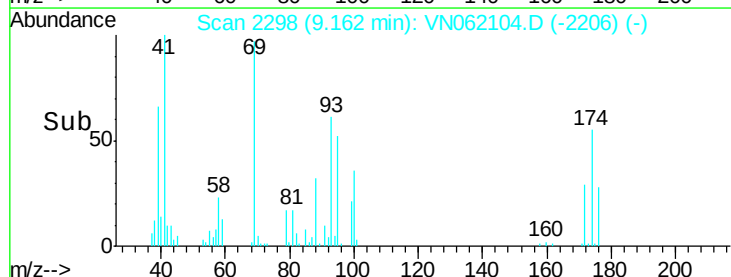
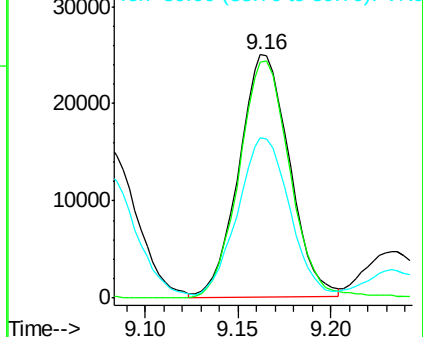
39 69.0 54.5 81.7

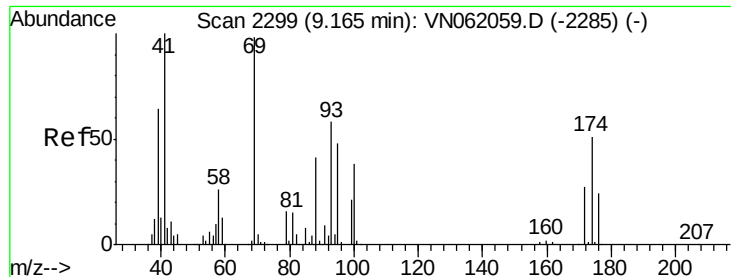


Abundance Ion 41.00 (40.70 to 41.70): VN062104.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062104.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062104.D (-2206) (-)

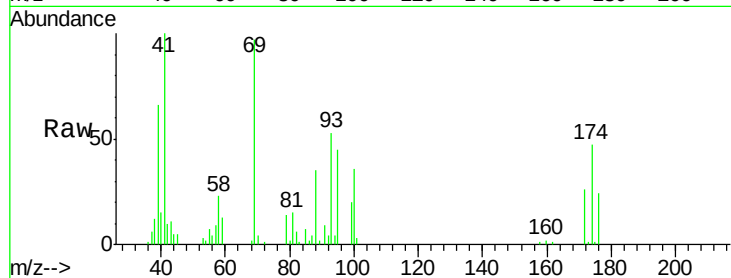




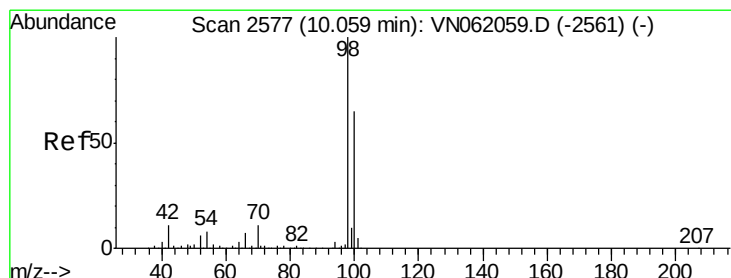
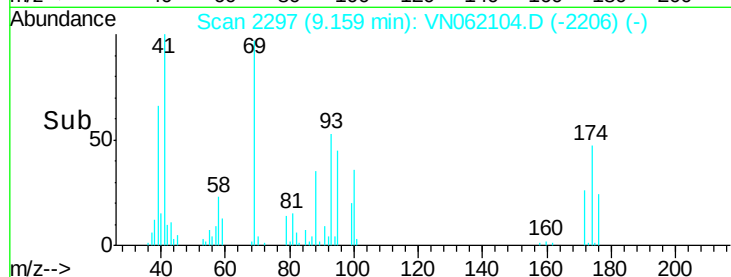
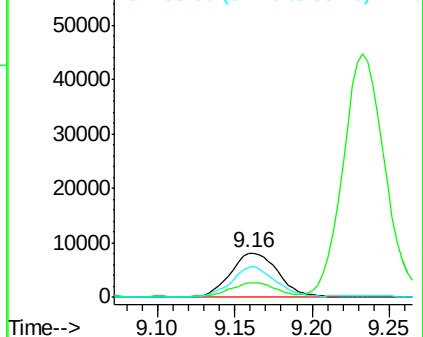
#49
 1,4-Dioxane
 Concen: 307.597 ug/l
 RT: 9.16 min Scan# 2297
 Delta R.T. -0.01 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

Tgt Ion: 88 Resp: 17528
 Ion Ratio Lower Upper
 88 100
 43 32.6 22.0 33.0
 58 63.3 49.2 73.8

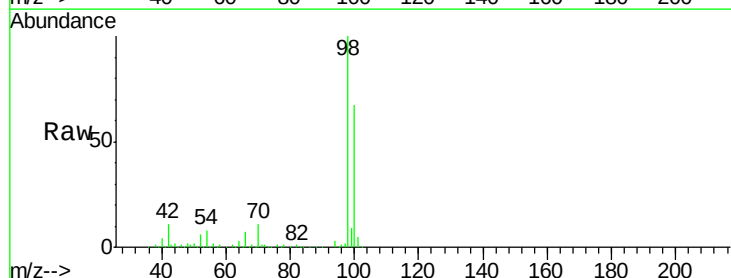


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

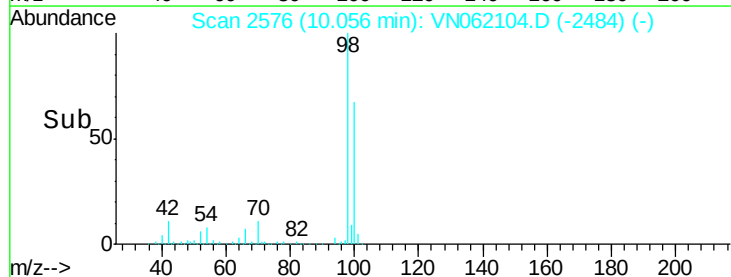
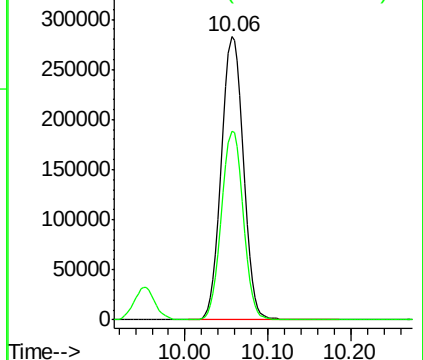


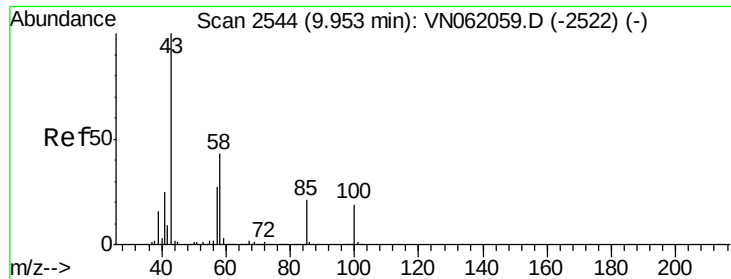
#50
 Toluene-d8
 Concen: 48.149 ug/l
 RT: 10.06 min Scan# 2576
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion: 98 Resp: 521542
 Ion Ratio Lower Upper
 98 100
 100 65.7 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 94.817 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

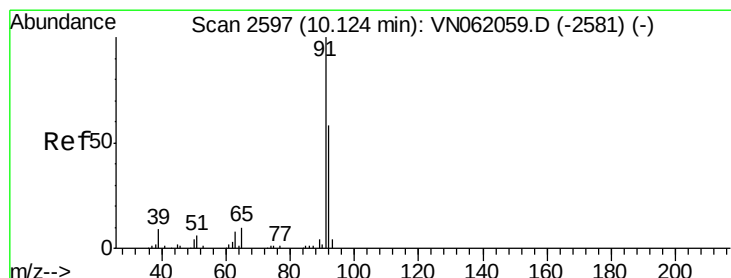
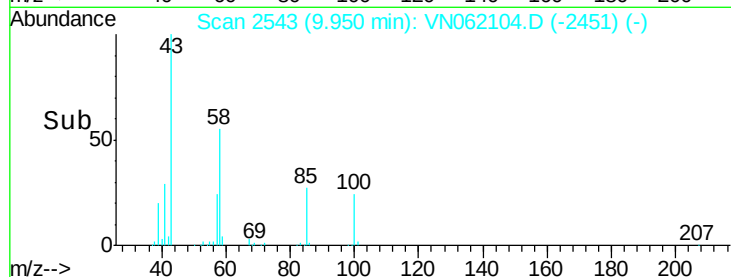
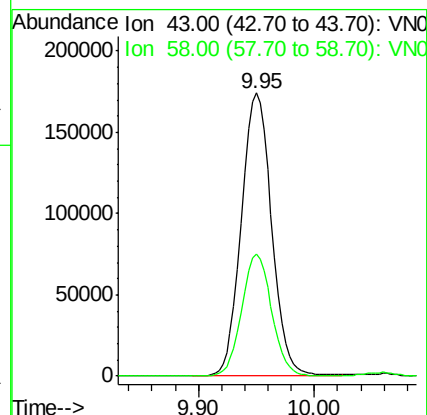
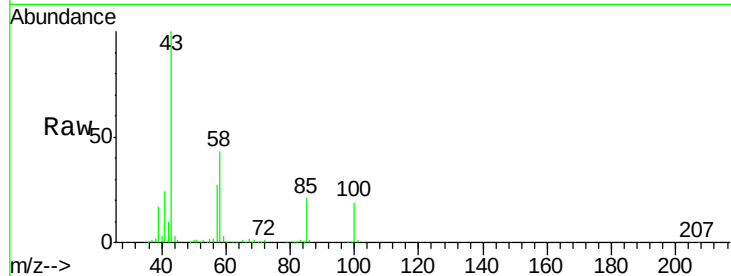
VN0625MBS01

Tgt Ion: 43 Resp: 317479

Ion Ratio Lower Upper

43 100

58 42.6 34.2 51.2



#52

Toluene

Concen: 18.049 ug/l

RT: 10.12 min Scan# 2596

Delta R.T. -0.00 min

Lab File: VN062104.D

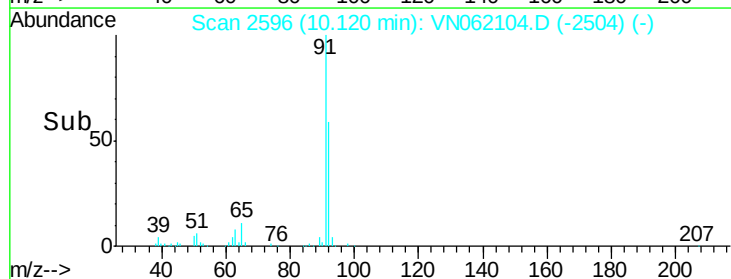
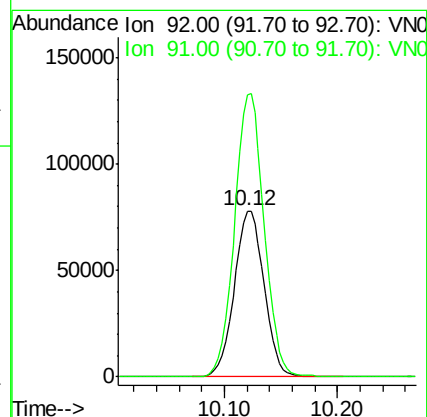
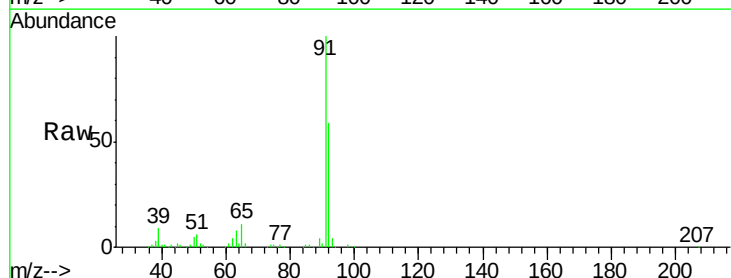
Acq: 25 Jun 2020 12:24

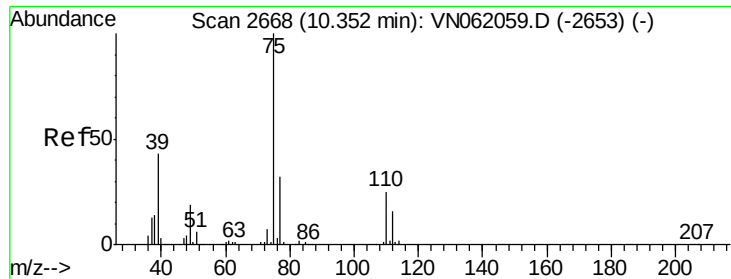
Tgt Ion: 92 Resp: 142510

Ion Ratio Lower Upper

92 100

91 169.6 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 18.014 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

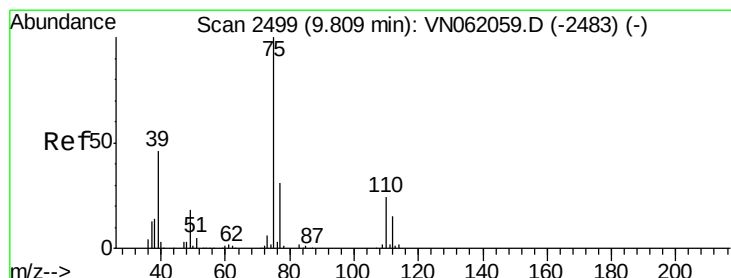
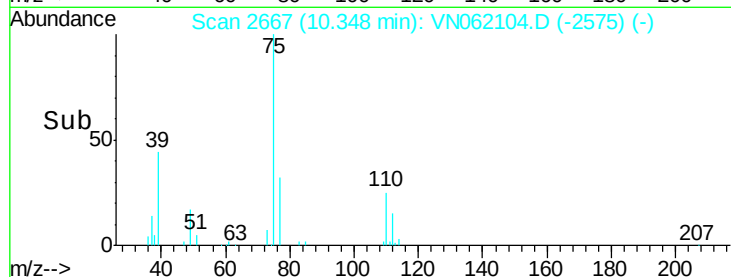
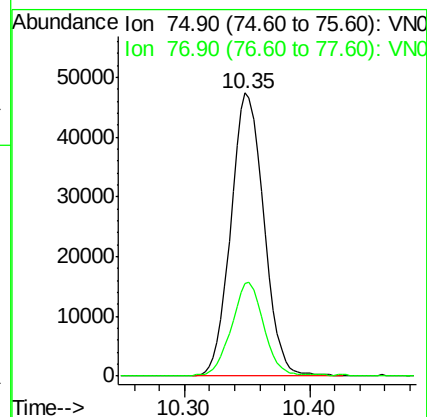
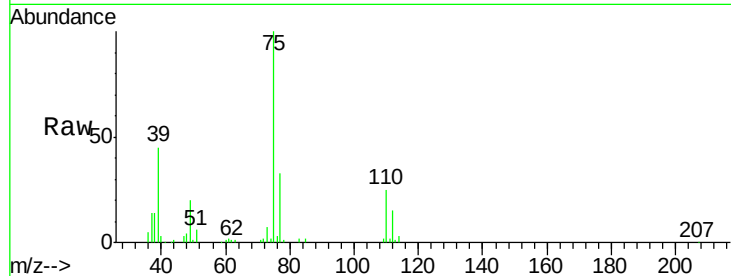
VN0625MBS01

Tgt Ion: 75 Resp: 86614

Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.345 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

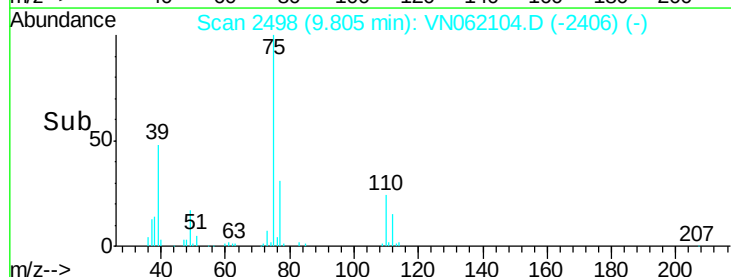
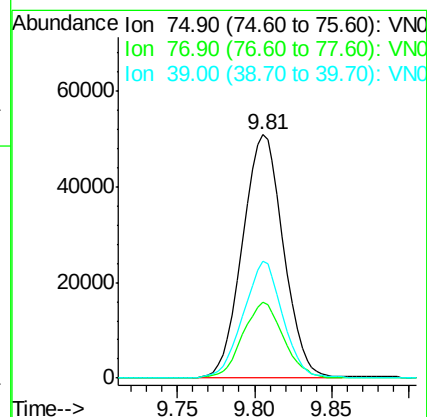
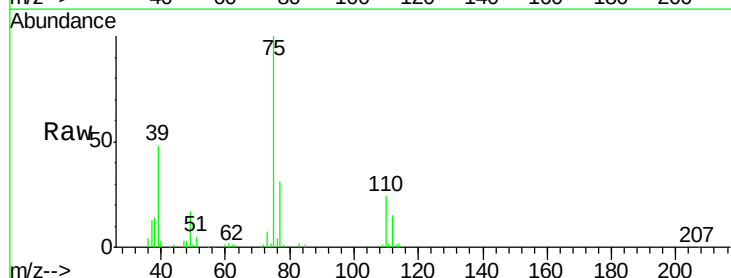
Tgt Ion: 75 Resp: 93907

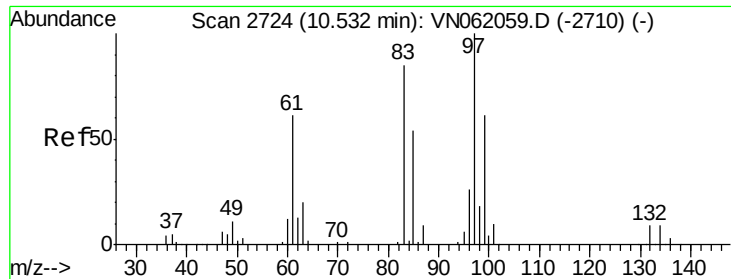
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 48.1 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 19.042 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

VN0625MBS01

Tgt Ion: 97 Resp: 59101

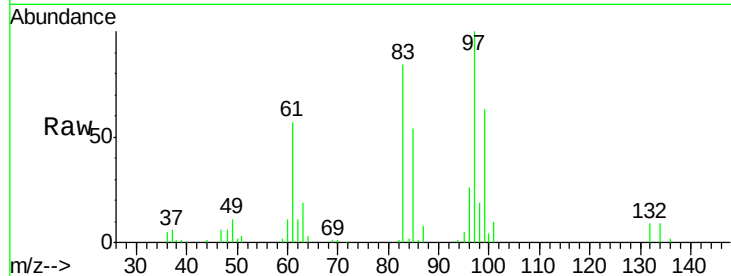
Ion Ratio Lower Upper

97 100

83 84.0 68.2 102.2

85 53.8 43.2 64.8

99 63.3 48.5 72.7



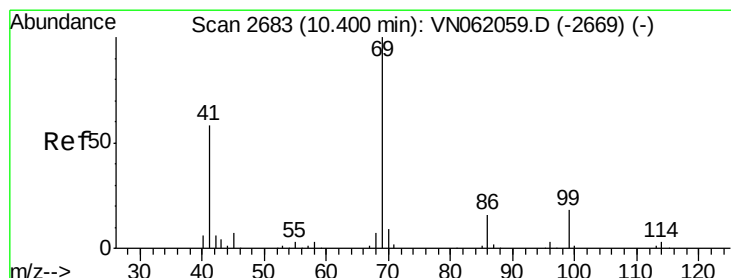
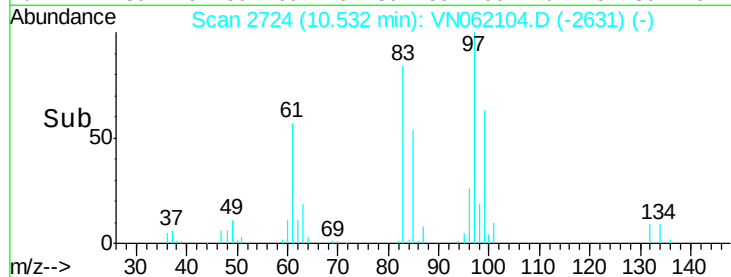
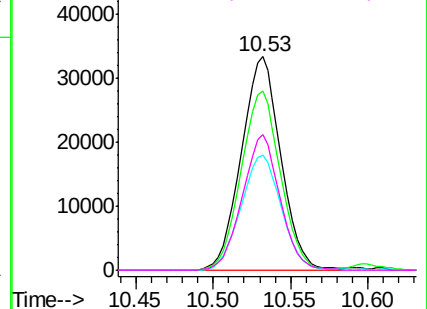
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.780 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

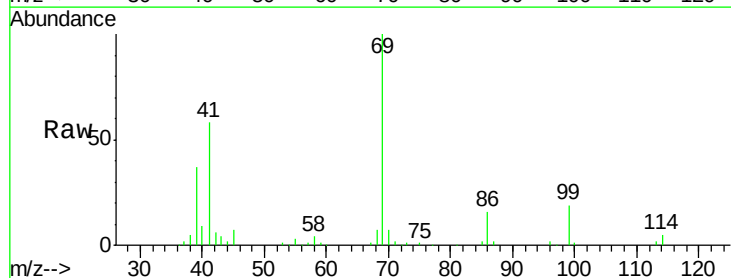
Tgt Ion: 69 Resp: 77785

Ion Ratio Lower Upper

69 100

41 58.1 46.6 70.0

39 38.3 31.0 46.4

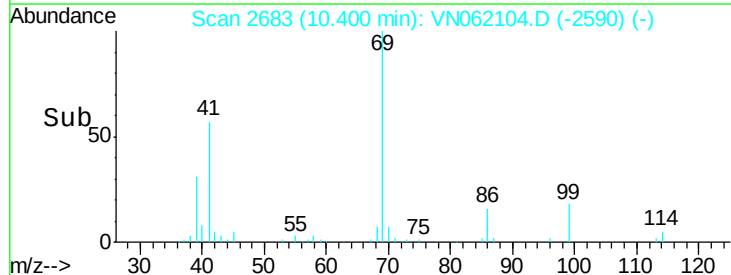
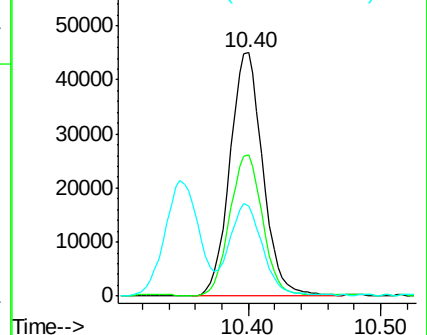


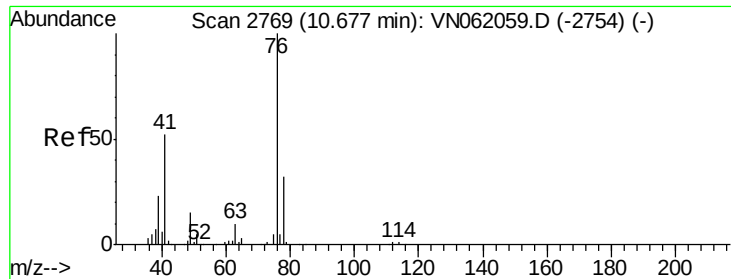
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

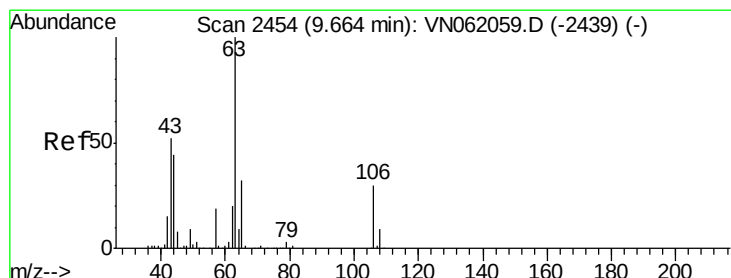
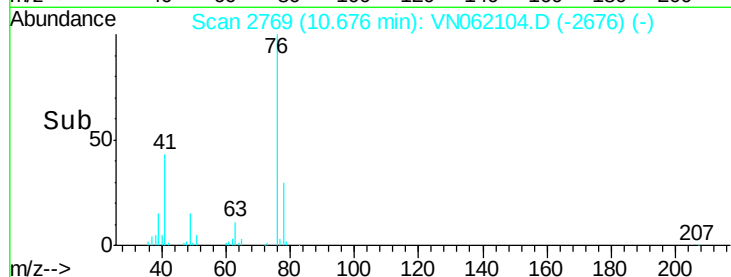
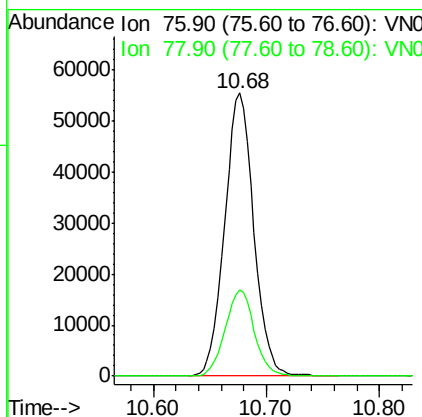
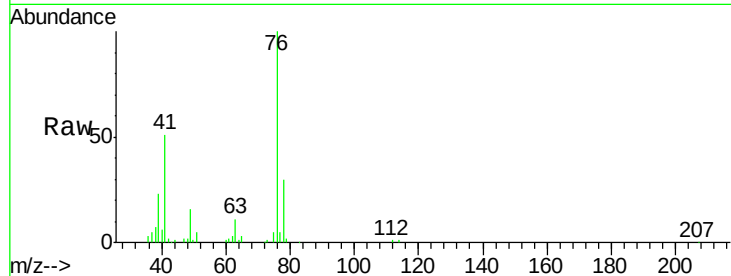




#57
 1,3-Dichloropropane
 Concen: 18.574 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

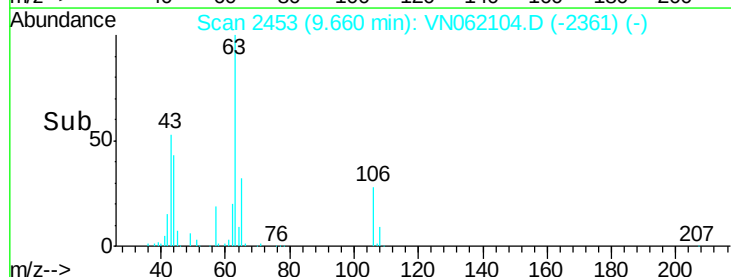
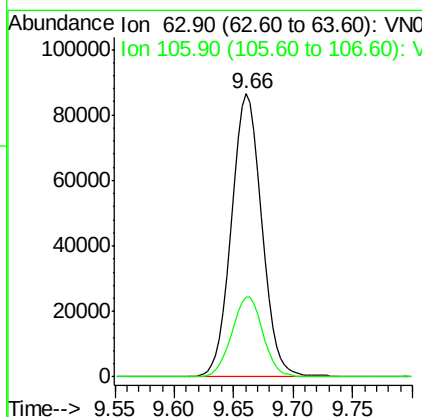
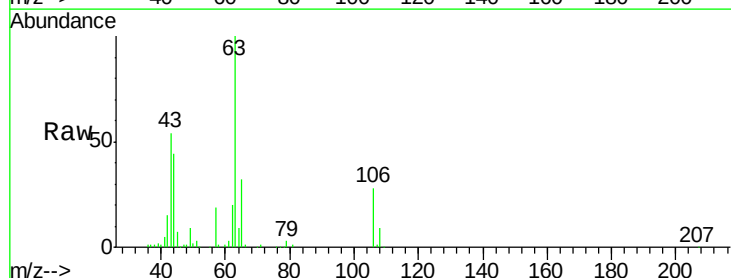
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

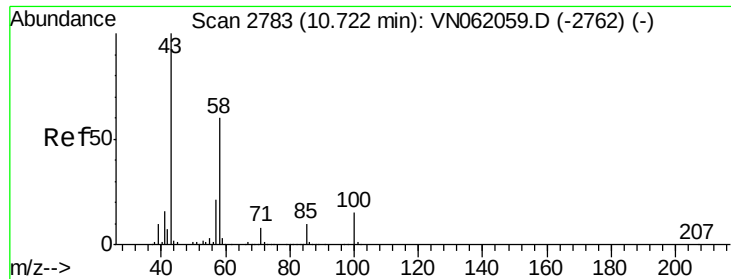
Tgt Ion: 76 Resp: 99227
 Ion Ratio Lower Upper
 76 100
 78 30.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.421 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion: 63 Resp: 153275
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.2 34.8

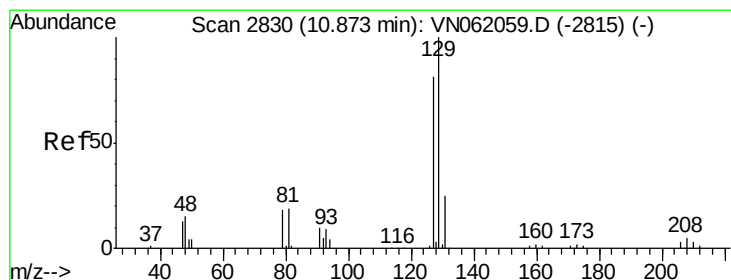
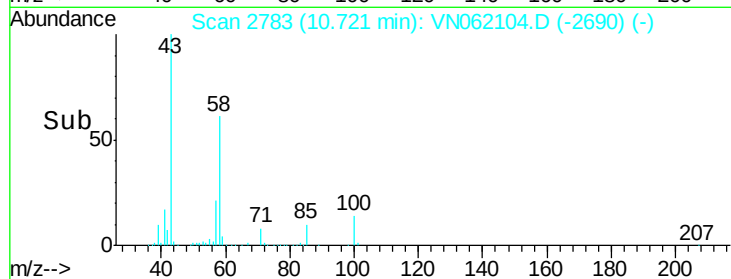
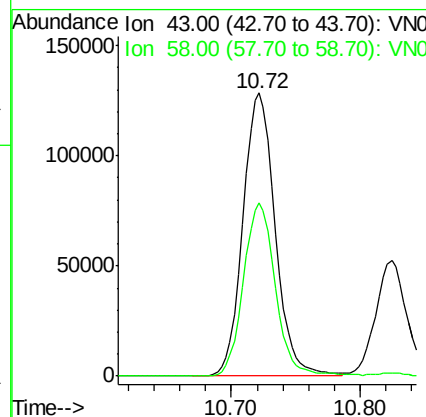
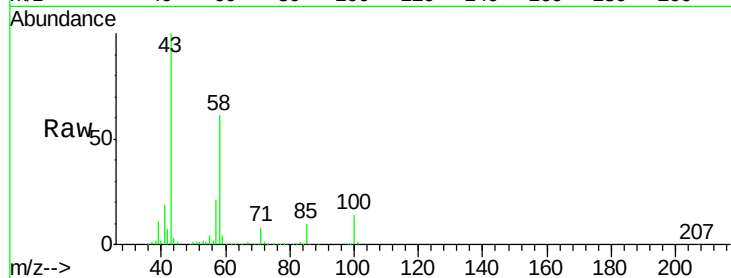




#59
2-Hexanone
Concen: 92.415 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

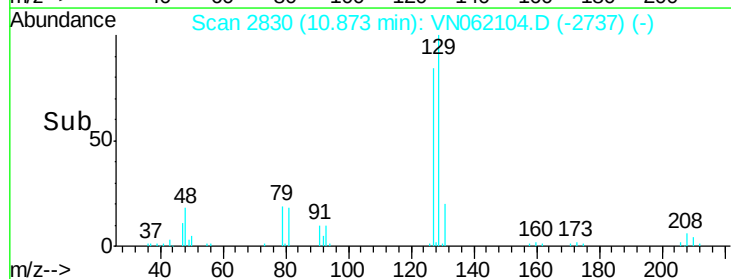
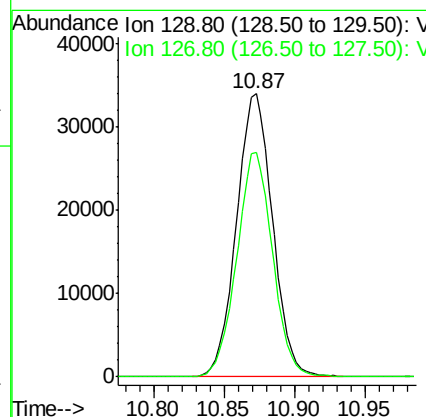
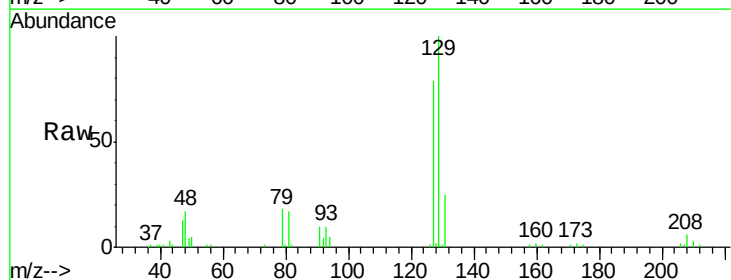
Instrument :
MSVOA_N
ClientSampled :
VN0625MBS01

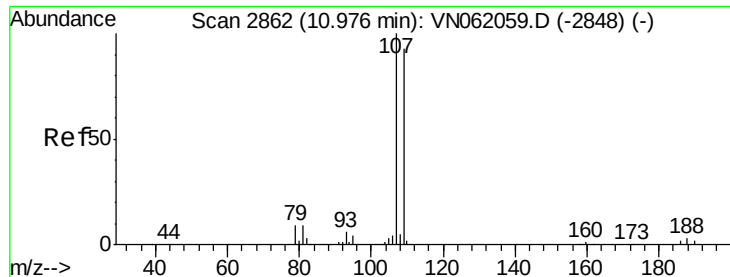
Tgt Ion: 43 Resp: 223444
Ion Ratio Lower Upper
43 100
58 60.6 29.5 88.5



#60
Dibromochloromethane
Concen: 18.534 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion: 129 Resp: 60901
Ion Ratio Lower Upper
129 100
127 78.8 39.5 118.5





#61

1,2-Dibromoethane

Concen: 18.580 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

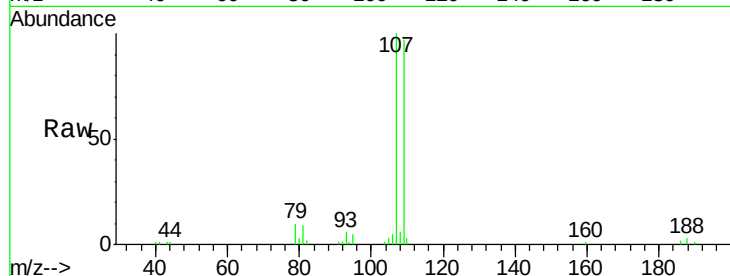
VN0625MBS01

Tgt Ion: 107 Resp: 59254

Ion Ratio Lower Upper

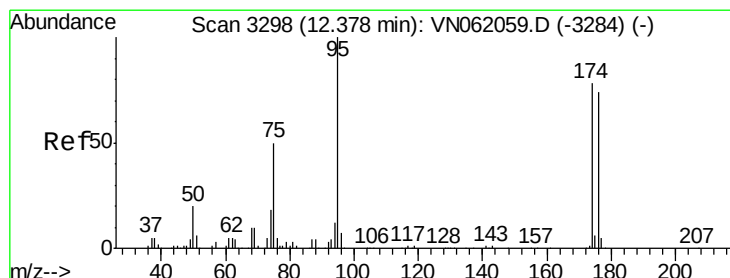
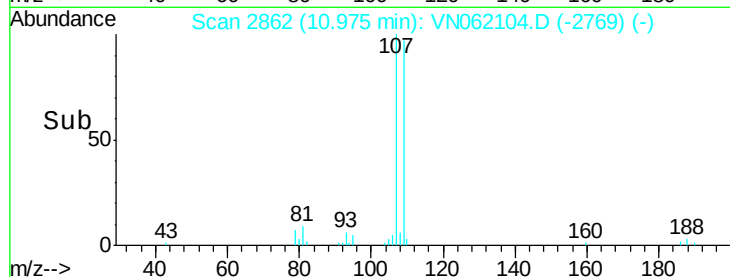
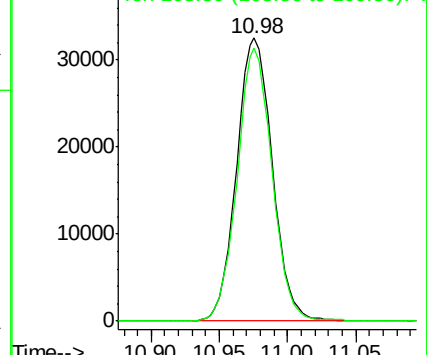
107 100

109 93.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.772 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

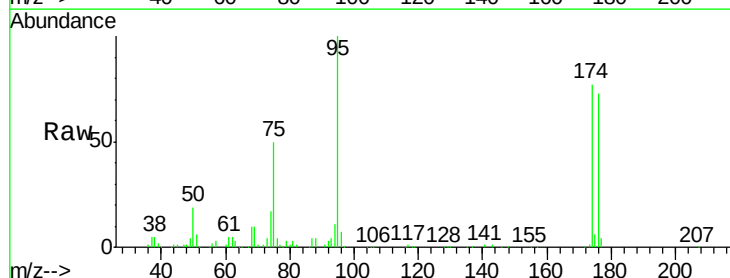
Tgt Ion: 95 Resp: 182146

Ion Ratio Lower Upper

95 100

174 77.1 0.0 154.8

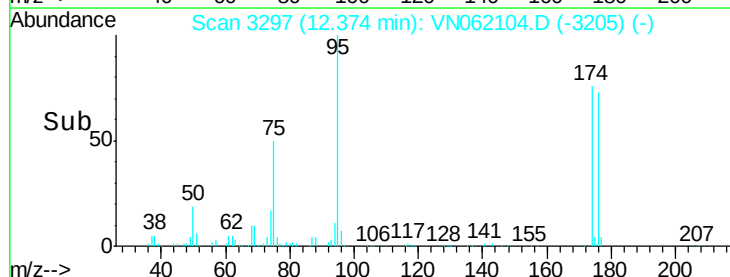
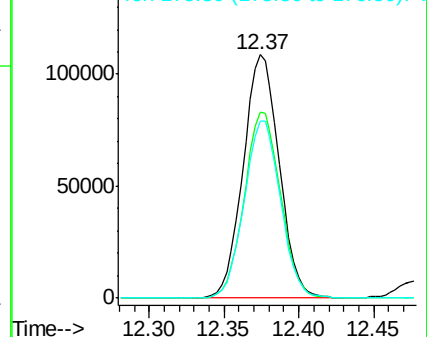
176 73.6 0.0 147.4

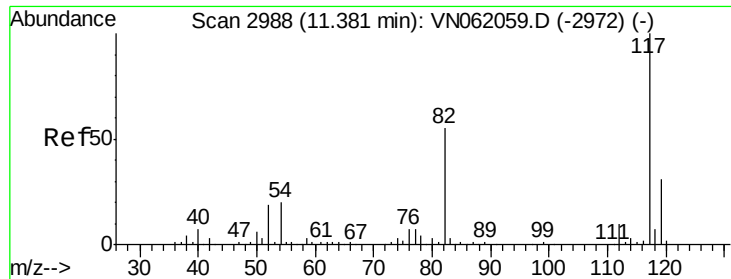


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

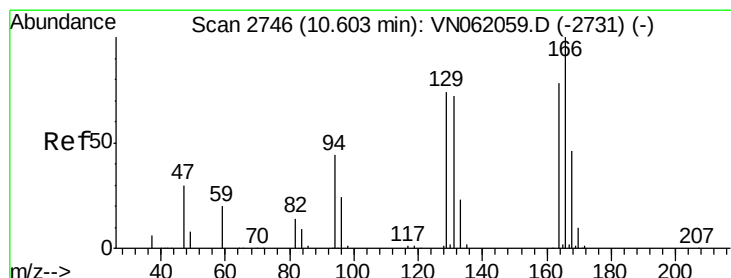
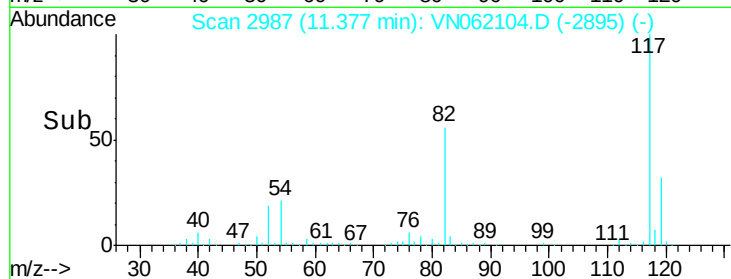
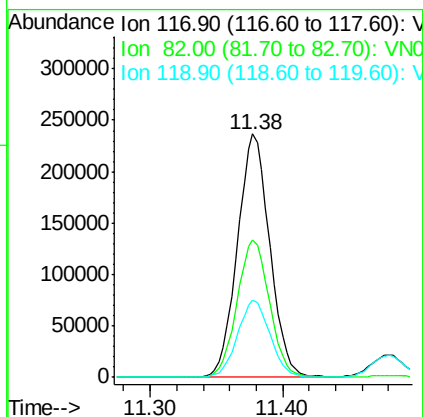
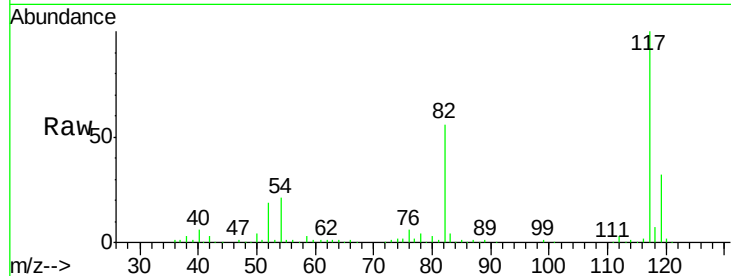




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

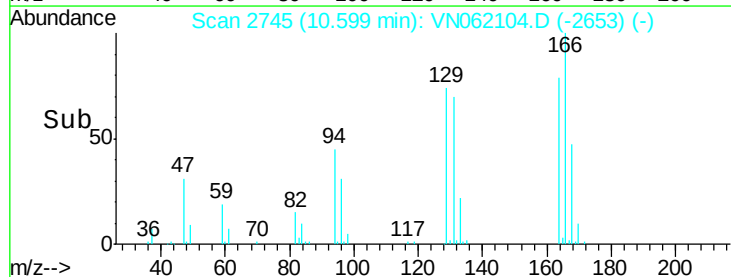
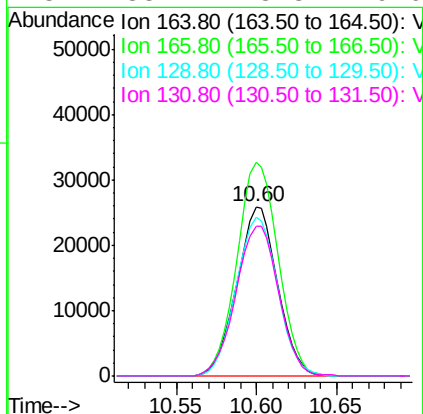
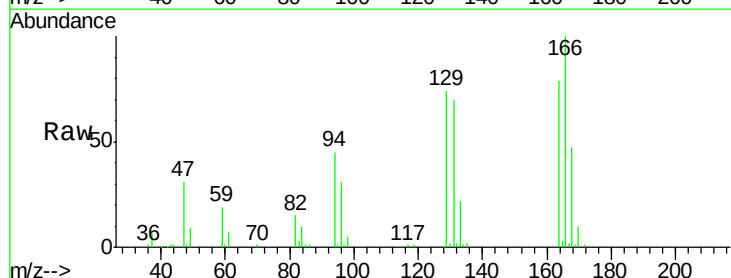
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBS01

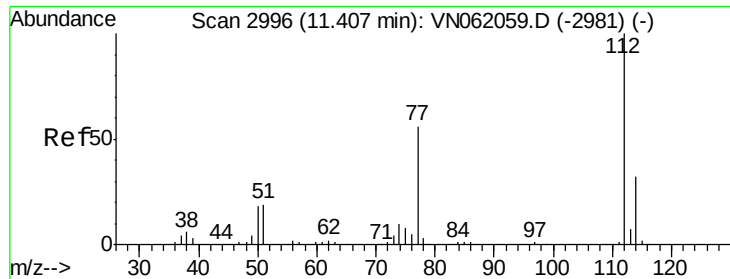
Tgt Ion:117 Resp: 400676
Ion Ratio Lower Upper
117 100
82 56.3 43.8 65.8
119 31.6 25.2 37.8



#64
Tetrachloroethene
Concen: 16.314 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion:164 Resp: 44651
Ion Ratio Lower Upper
164 100
166 126.4 102.9 154.3
129 93.8 75.8 113.8
131 88.4 73.8 110.6





#65

Chlorobenzene

Concen: 17.349 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

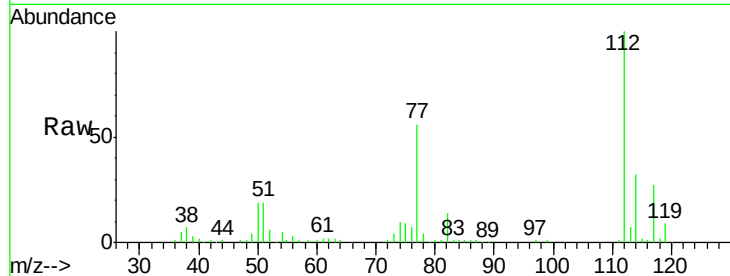
VN0625MBS01

Tgt Ion:112 Resp: 152649

Ion Ratio Lower Upper

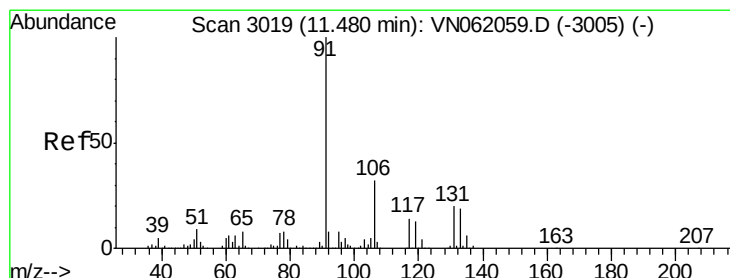
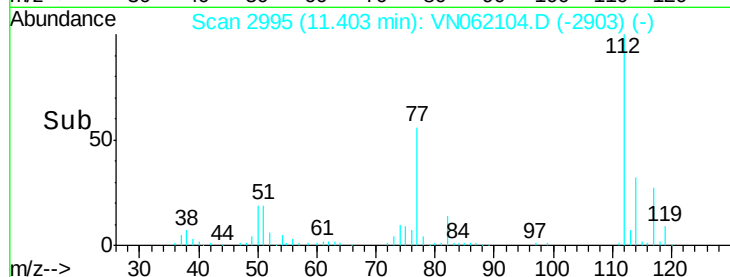
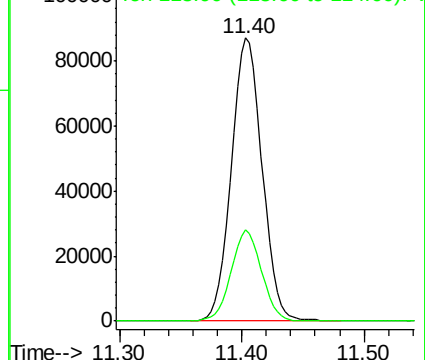
112 100

114 32.1 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.007 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

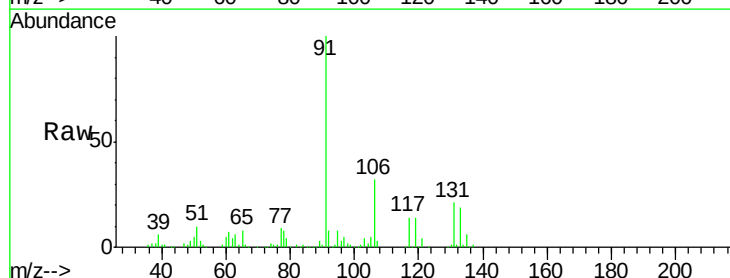
Tgt Ion:131 Resp: 54787

Ion Ratio Lower Upper

131 100

133 93.5 47.6 142.9

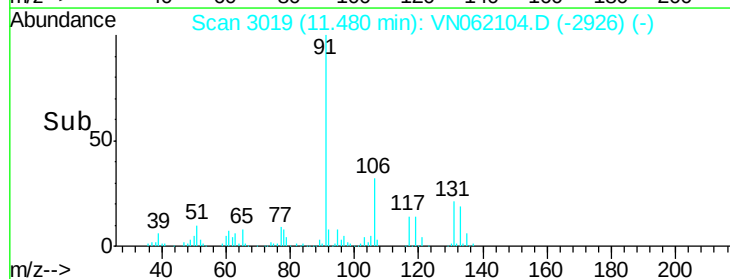
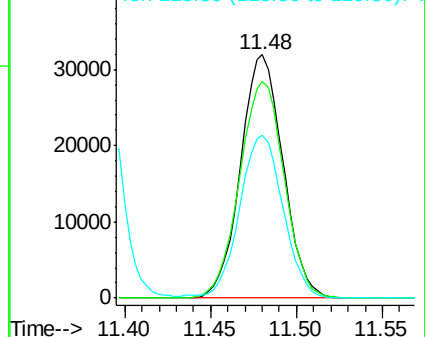
119 68.2 34.4 103.3

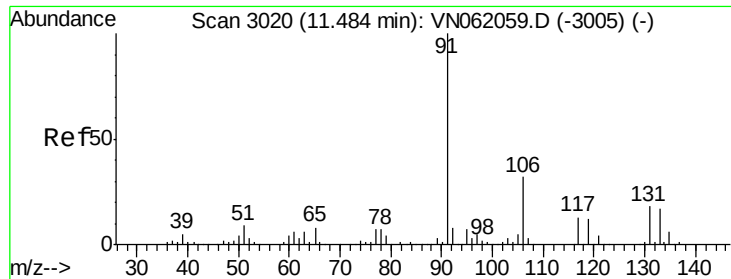


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

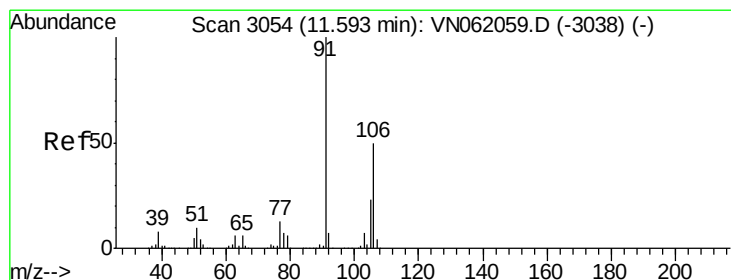
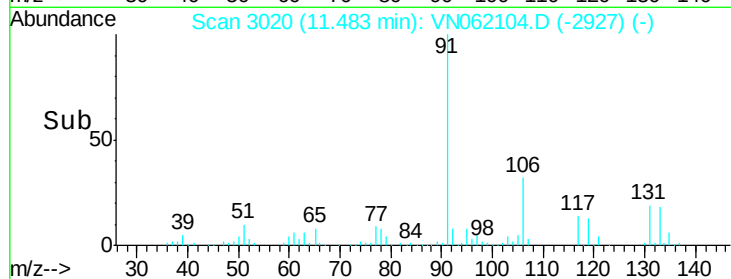
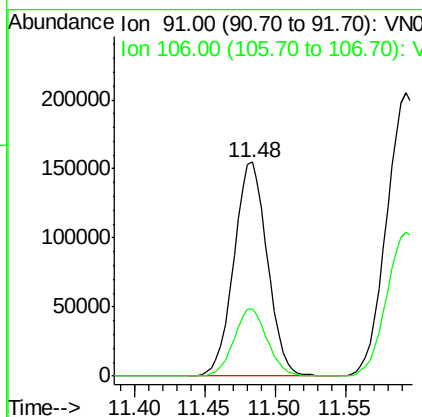
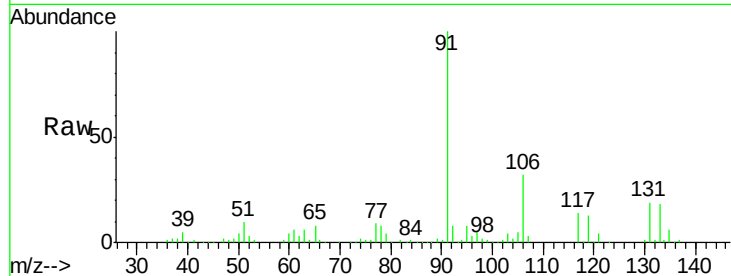




#67
 Ethyl Benzene
 Concen: 17.318 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

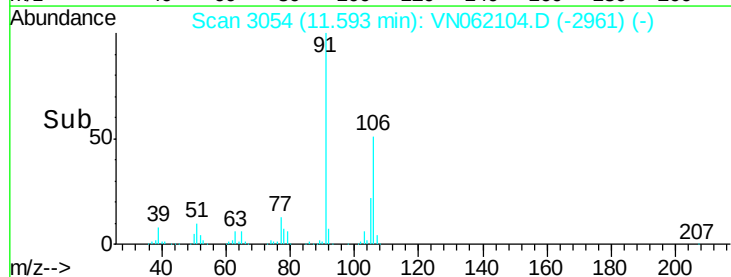
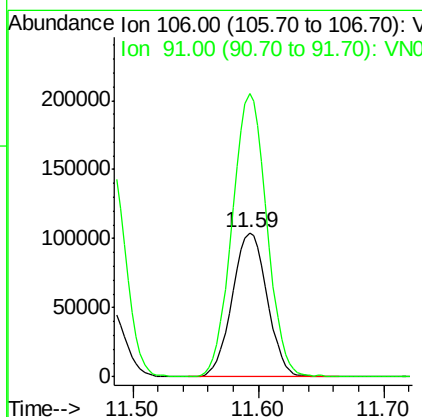
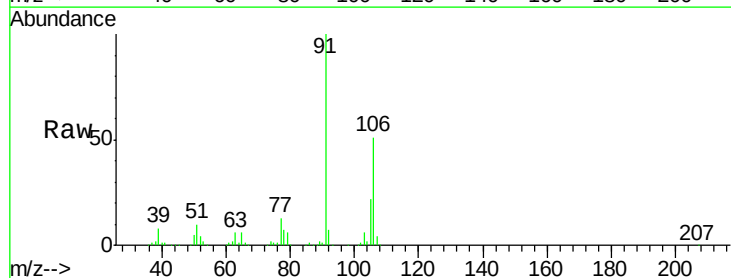
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

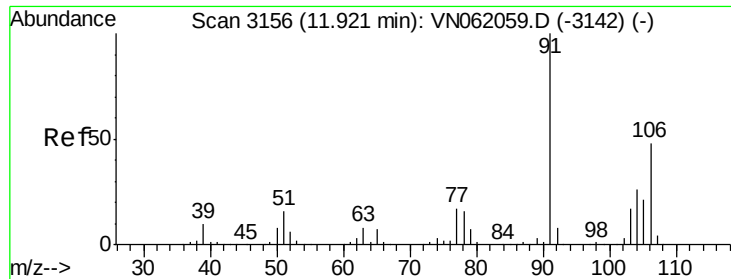
Tgt Ion: 91 Resp: 257344
 Ion Ratio Lower Upper
 91 100
 106 31.6 25.3 37.9



#68
 m/p-Xylenes
 Concen: 35.146 ug/l
 RT: 11.59 min Scan# 3054
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion: 106 Resp: 202010
 Ion Ratio Lower Upper
 106 100
 91 194.9 157.8 236.8

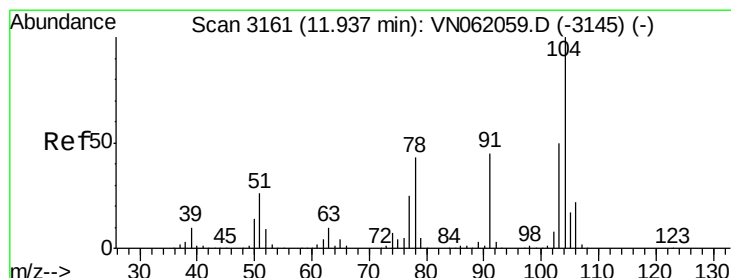
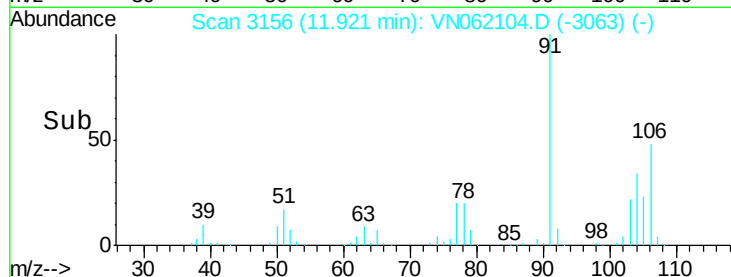
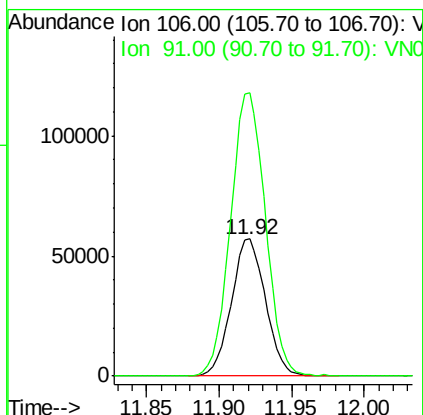
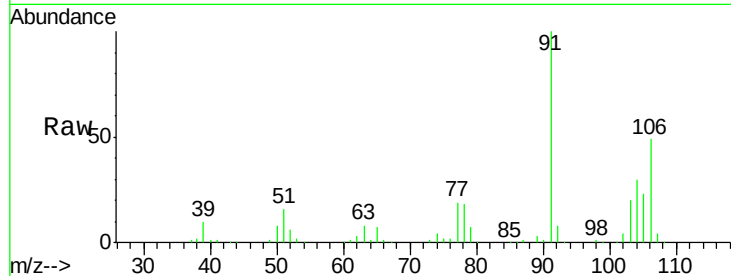




#69
o-Xylene
Concen: 17.214 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

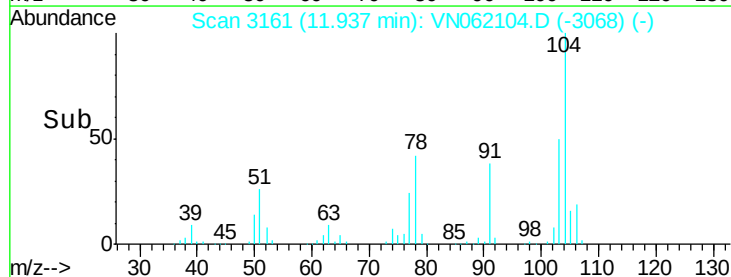
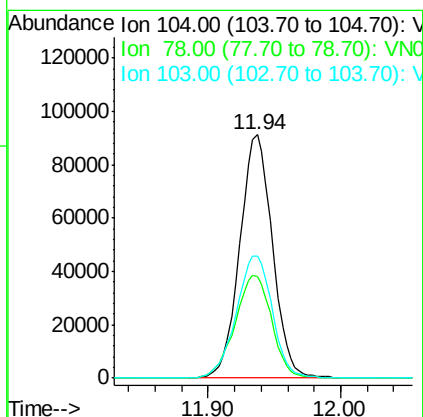
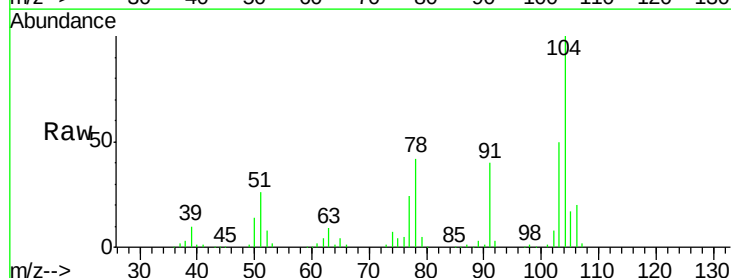
Instrument :
MSVOA_N
ClientSampled :
VN0625MBS01

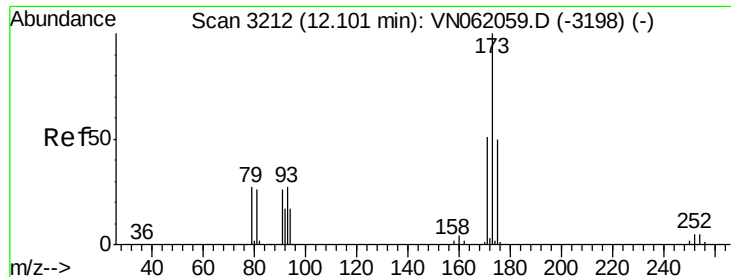
Tgt Ion:106 Resp: 93354
Ion Ratio Lower Upper
106 100
91 211.1 104.0 311.9



#70
Styrene
Concen: 17.340 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion:104 Resp: 156825
Ion Ratio Lower Upper
104 100
78 47.4 37.7 56.5
103 55.4 43.0 64.6





#71

Bromoform

Concen: 18.012 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBS01

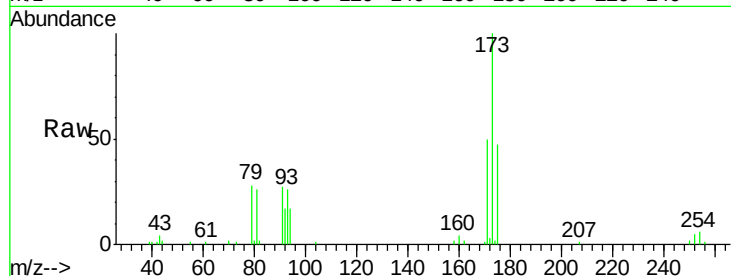
Tgt Ion:173 Resp: 38965

Ion Ratio Lower Upper

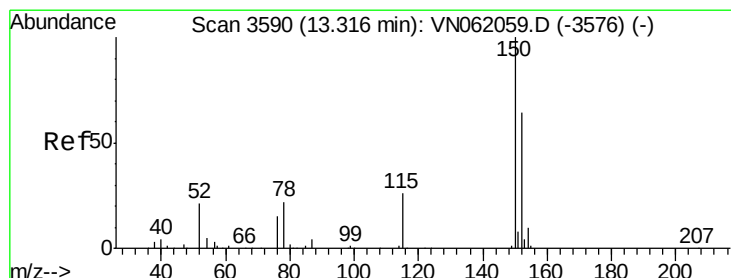
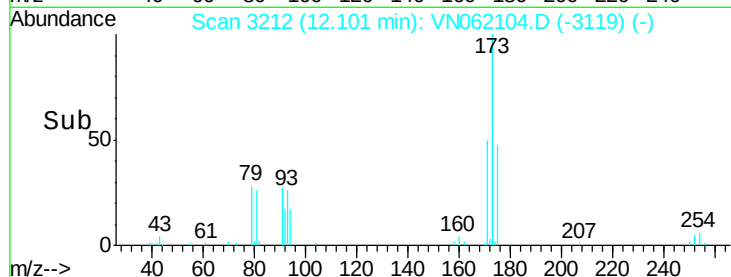
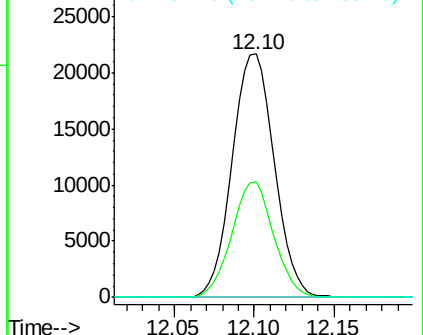
173 100

175 46.9 24.7 74.1

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

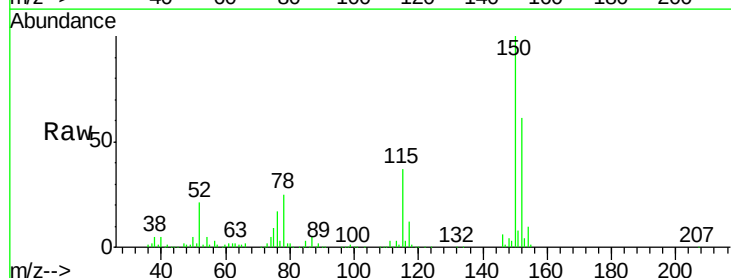
Tgt Ion:152 Resp: 189268

Ion Ratio Lower Upper

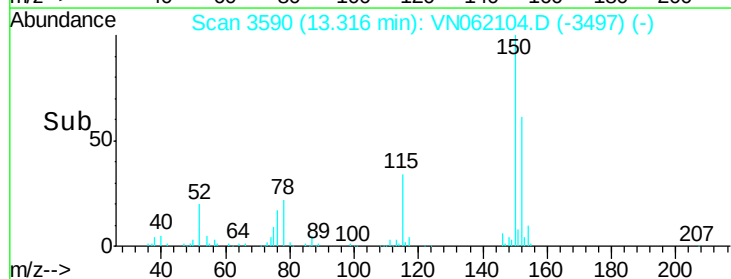
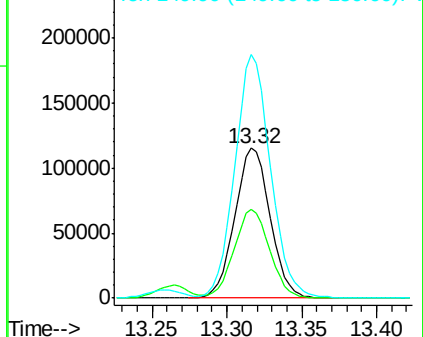
152 100

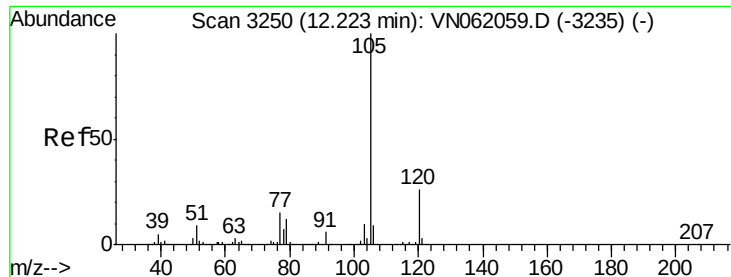
115 59.2 29.5 88.5

150 164.2 0.0 351.4



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





#73

Isopropylbenzene

Concen: 16.550 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

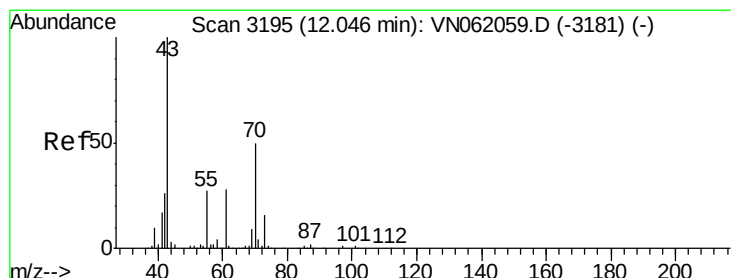
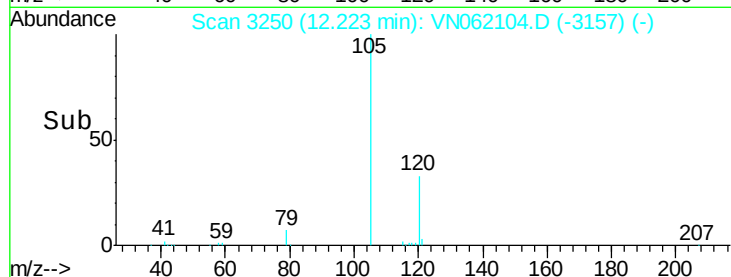
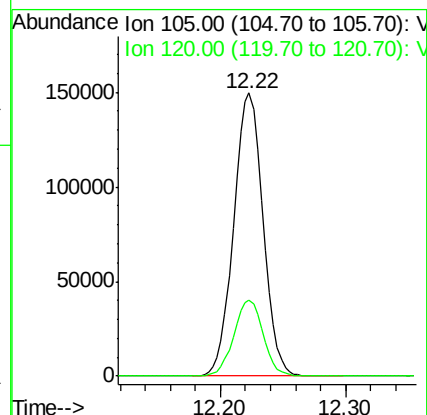
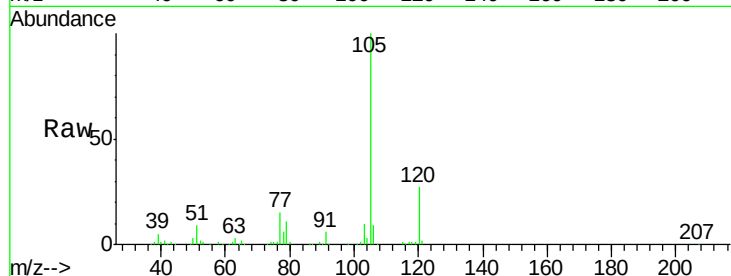
VN0625MBS01

Tgt Ion:105 Resp: 242467

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 18.110 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Tgt Ion: 43 Resp: 85347

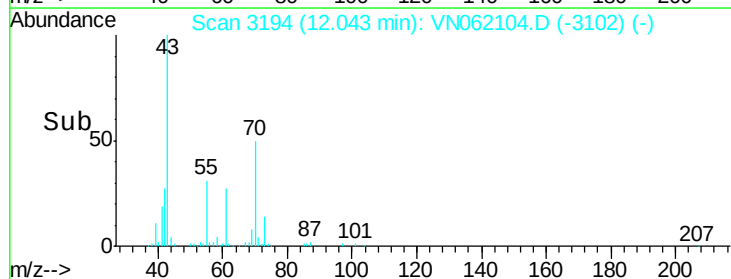
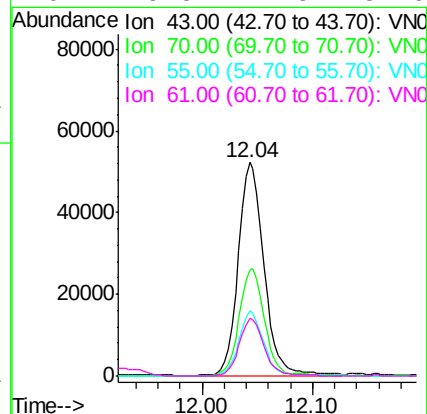
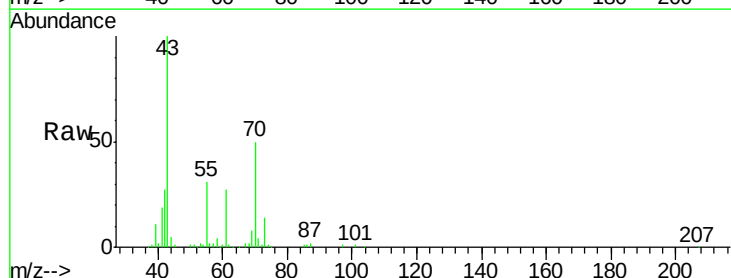
Ion Ratio Lower Upper

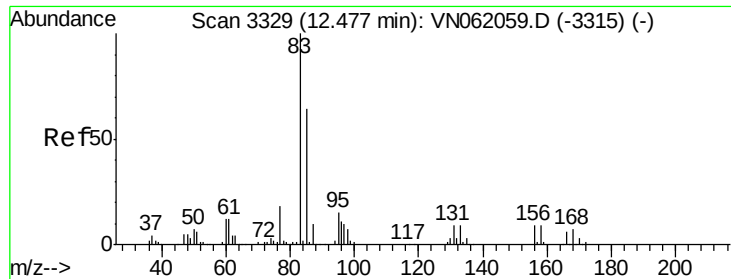
43 100

70 49.4 39.4 59.2

55 29.1 21.7 32.5

61 25.8 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 17.433 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBS01

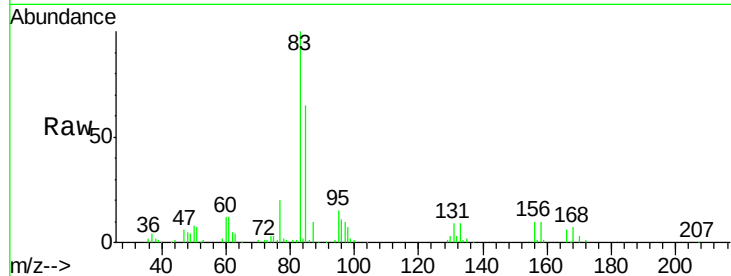
Tgt Ion: 83 Resp: 84994

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.4

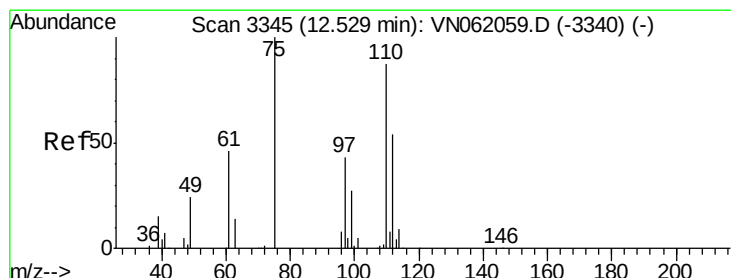
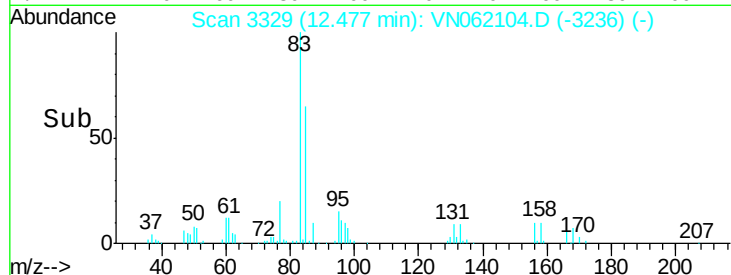
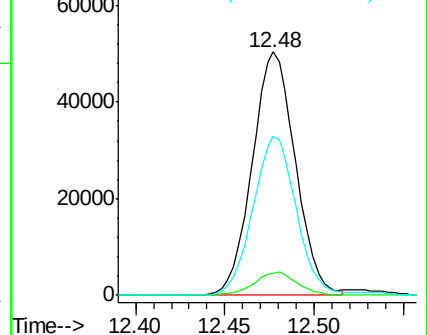
85 65.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062104.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062104.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062104.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 22.947 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN062104.D

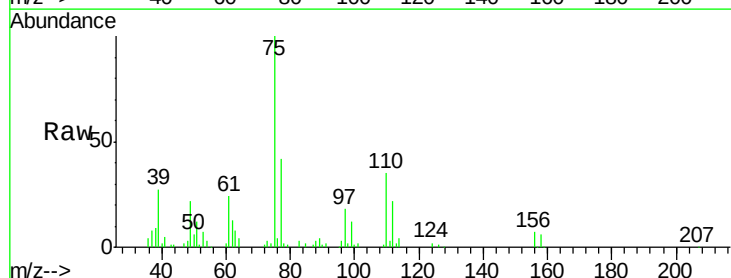
Acq: 25 Jun 2020 12:24

Tgt Ion: 75 Resp: 102239

Ion Ratio Lower Upper

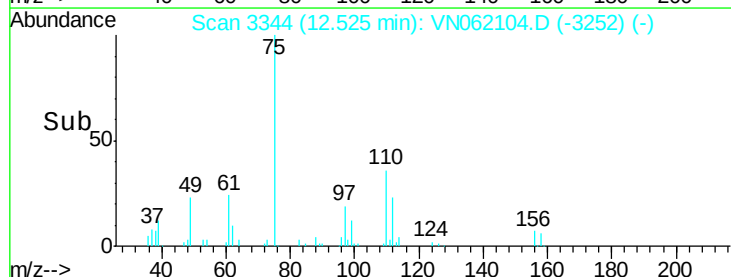
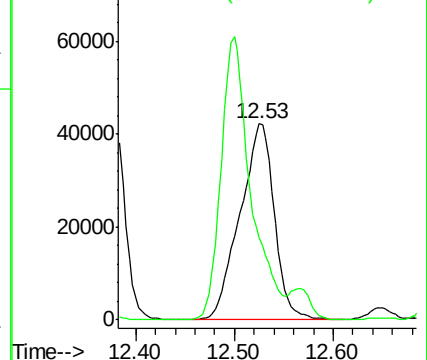
75 100

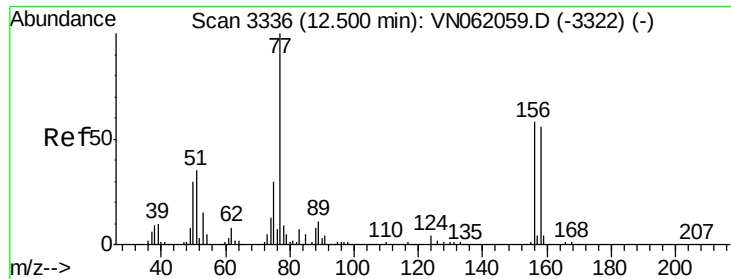
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062104.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062104.D (-3252) (-)





#77

Bromobenzene

Concen: 17.004 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

VN0625MBS01

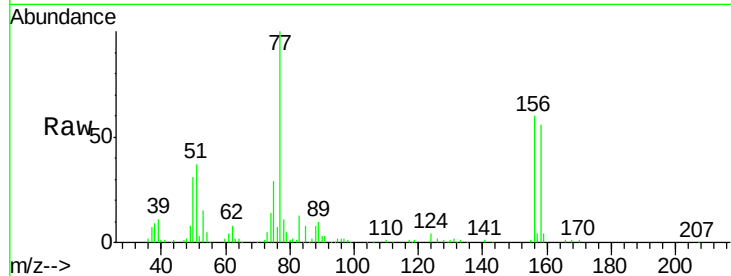
Tgt Ion:156 Resp: 61851

Ion Ratio Lower Upper

156 100

77 208.3 104.6 313.8

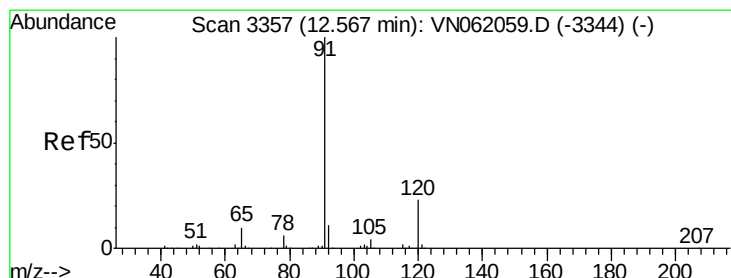
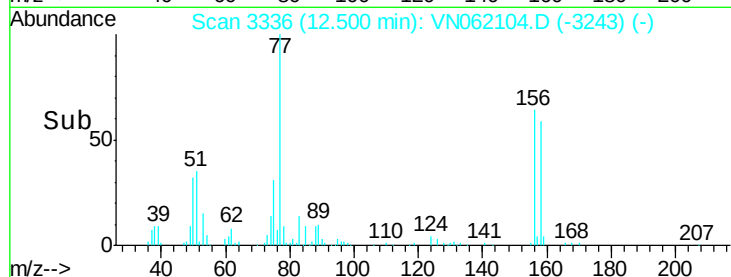
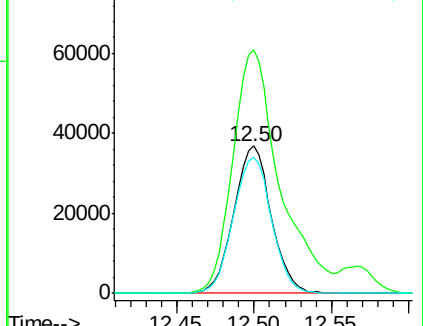
158 94.6 48.0 144.0



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: 16.556 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062104.D

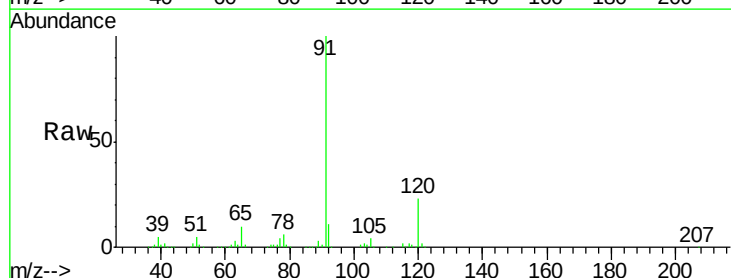
Acq: 25 Jun 2020 12:24

Tgt Ion: 91 Resp: 277448

Ion Ratio Lower Upper

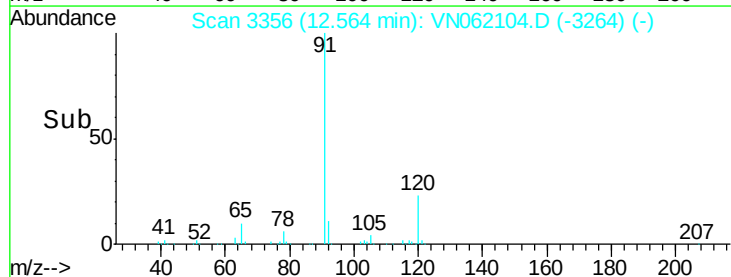
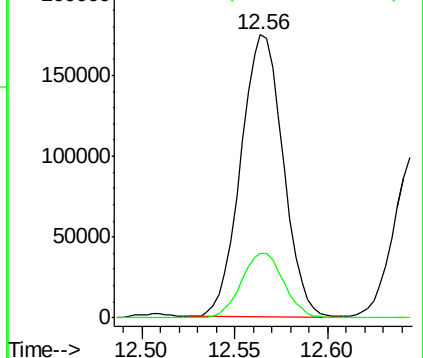
91 100

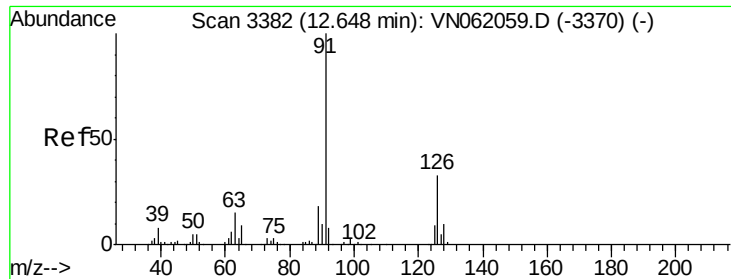
120 23.0 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 16.554 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

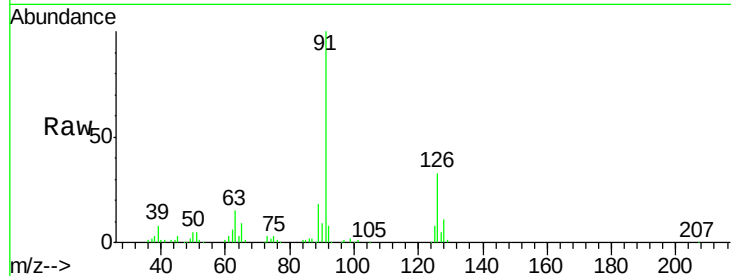
VN0625MBS01

Tgt Ion: 91 Resp: 167716

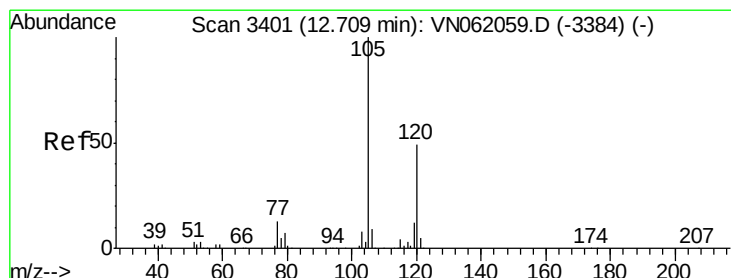
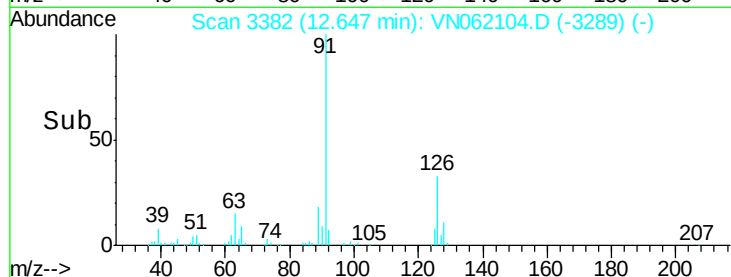
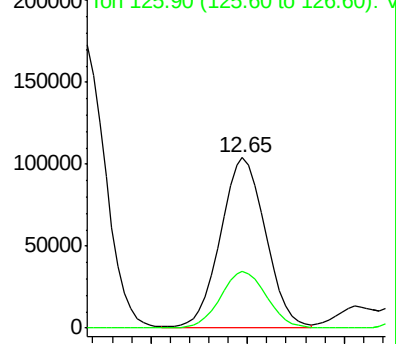
Ion Ratio Lower Upper

91 100

126 34.4 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN062104.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 16.915 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062104.D

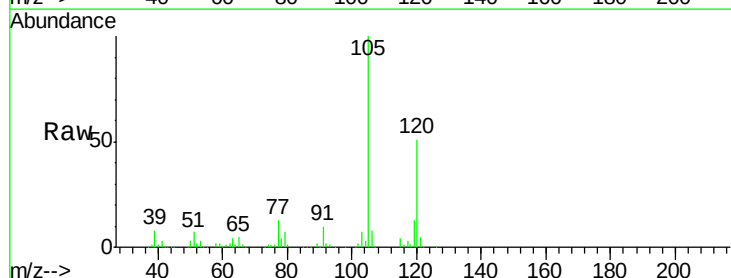
Acq: 25 Jun 2020 12:24

Tgt Ion: 105 Resp: 200896

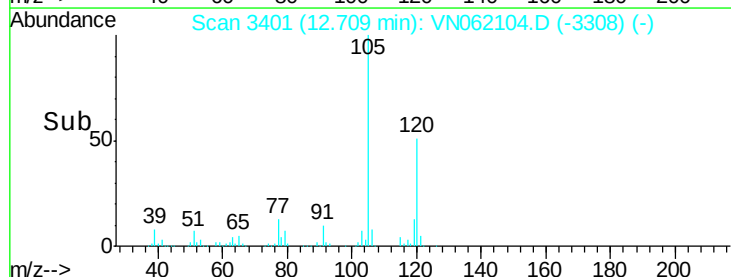
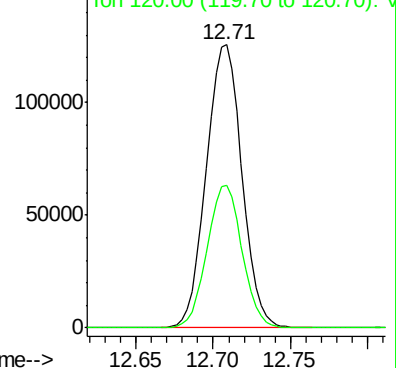
Ion Ratio Lower Upper

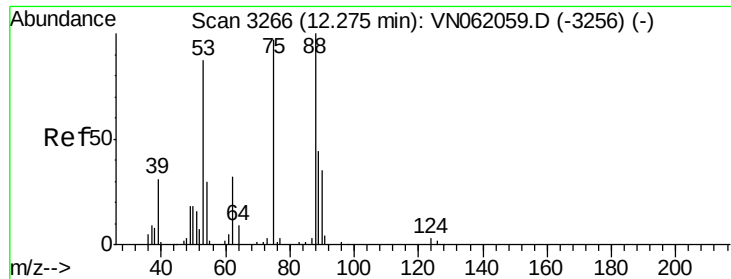
105 100

120 49.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062104.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.570 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBS01

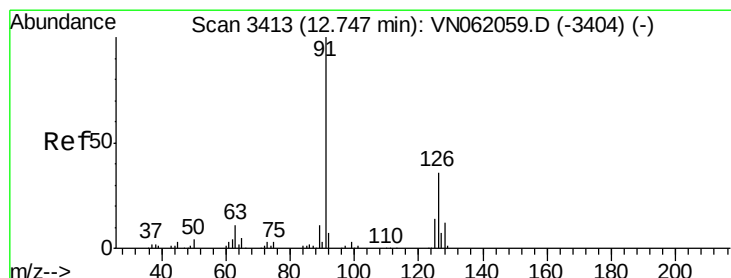
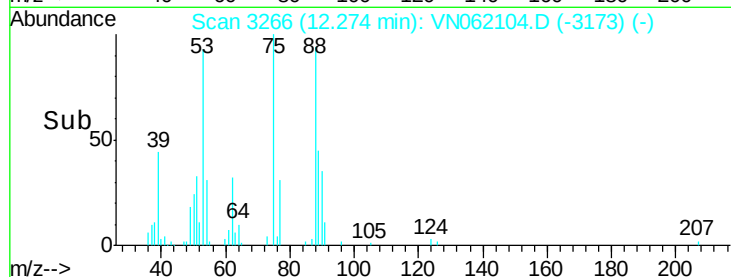
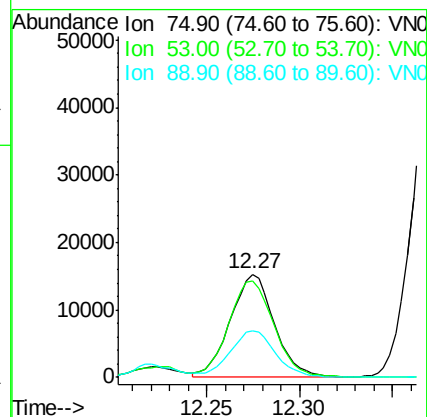
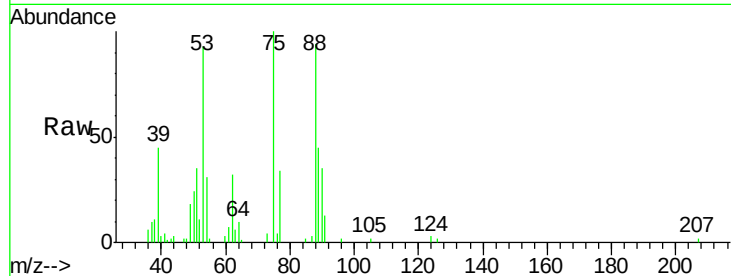
Tgt Ion: 75 Resp: 25280

Ion Ratio Lower Upper

75 100

53 96.3 72.0 108.0

89 46.7 36.9 55.3



#82

4-Chlorotoluene

Concen: 16.605 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062104.D

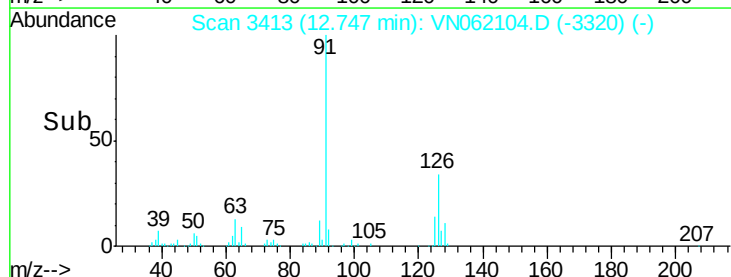
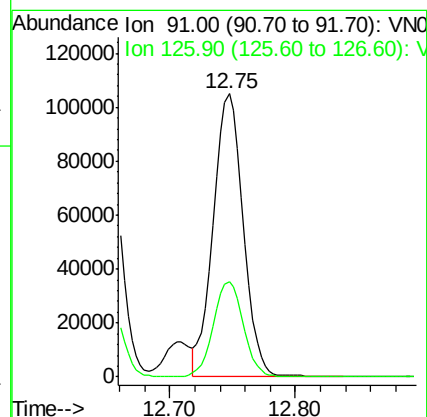
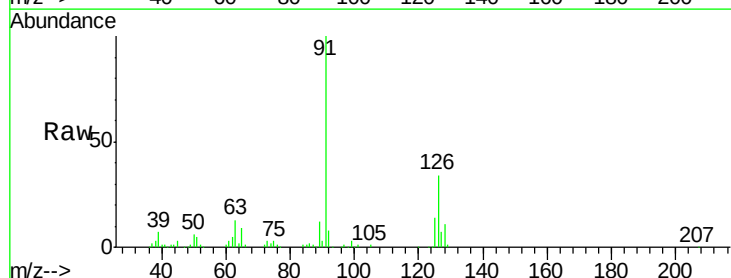
Acq: 25 Jun 2020 12:24

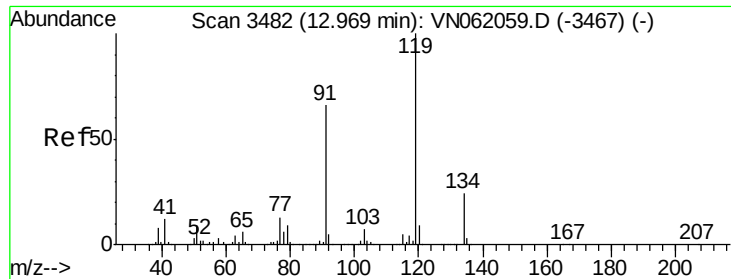
Tgt Ion: 91 Resp: 173970

Ion Ratio Lower Upper

91 100

126 34.0 16.7 50.1

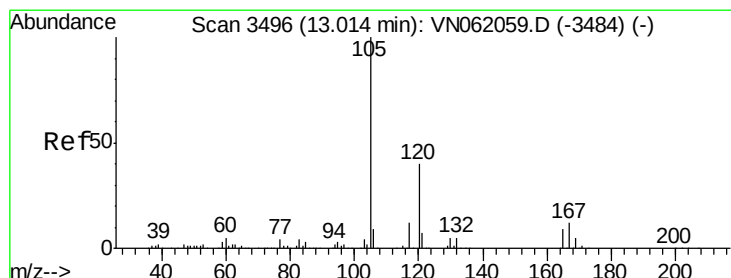
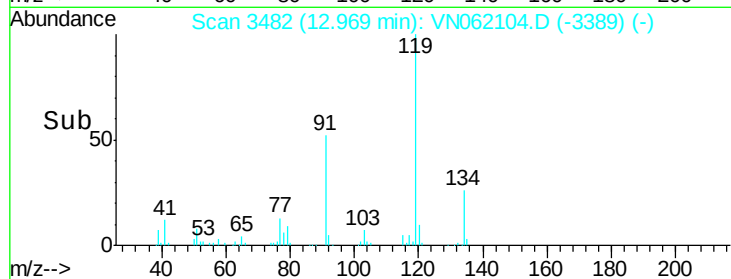
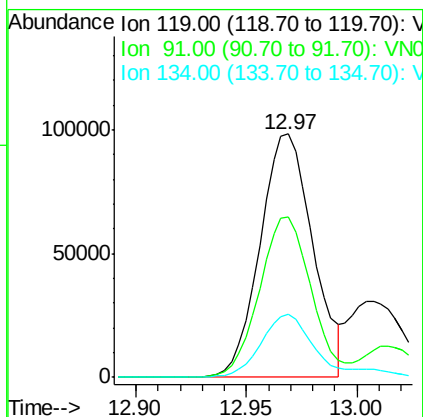
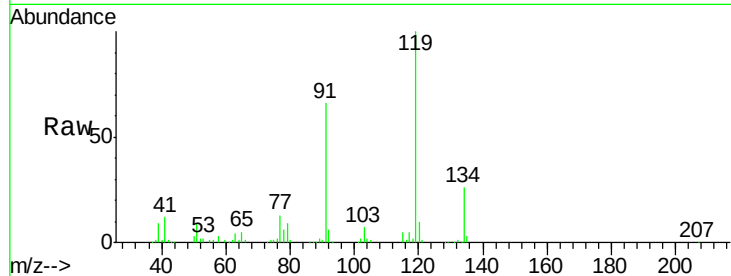




#83
 tert-Butylbenzene
 Concen: 16.030 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

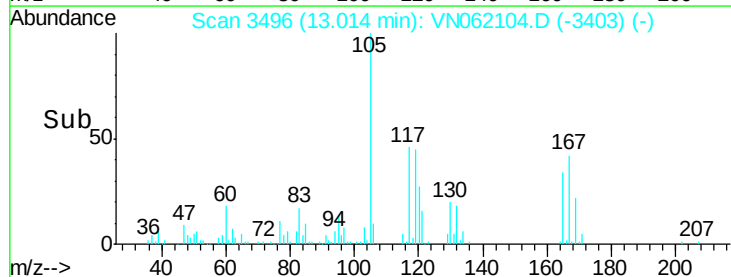
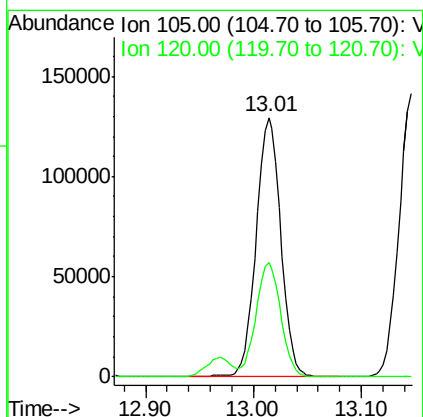
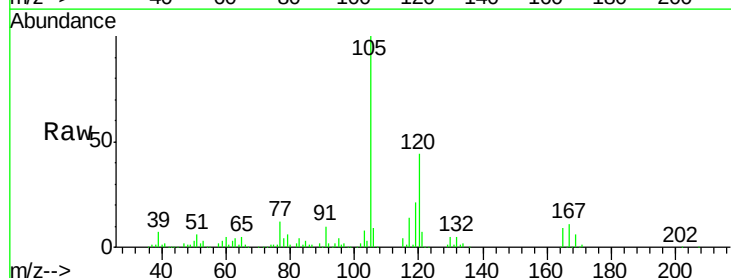
Instrument :
 MSVOA_N
 ClientSampled :
 VN0625MBS01

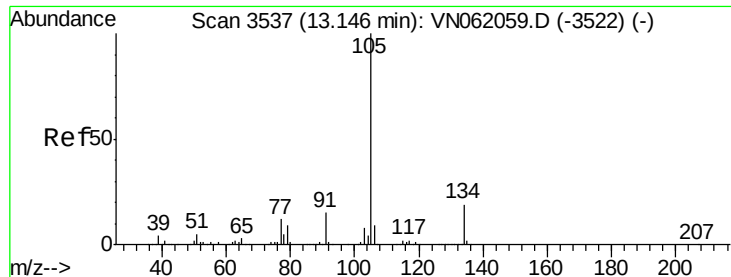
Tgt Ion:119 Resp: 162936
 Ion Ratio Lower Upper
 119 100
 91 64.6 31.7 95.1
 134 25.3 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 17.300 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion:105 Resp: 205208
 Ion Ratio Lower Upper
 105 100
 120 44.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 16.503 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

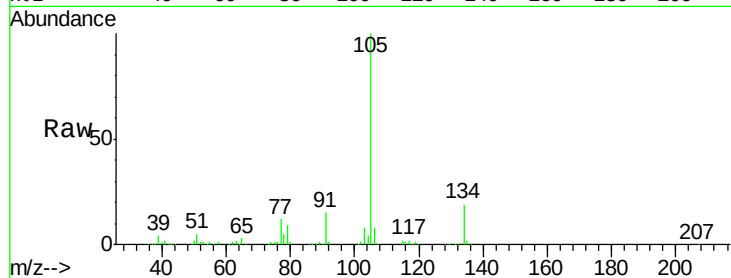
VN0625MBS01

Tgt Ion:105 Resp: 221645

Ion Ratio Lower Upper

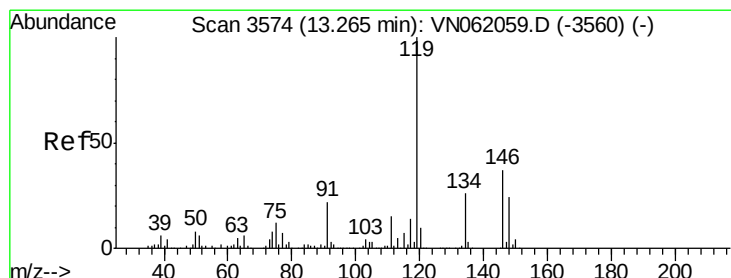
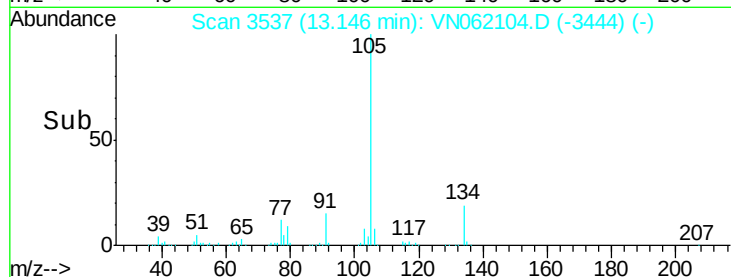
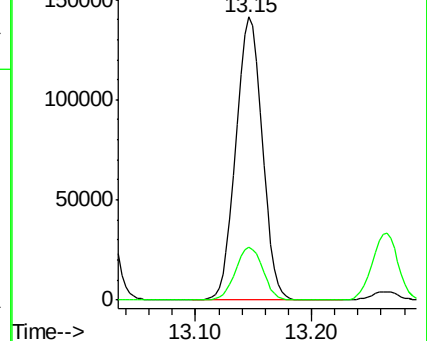
105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.693 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062104.D

Acq: 25 Jun 2020 12:24

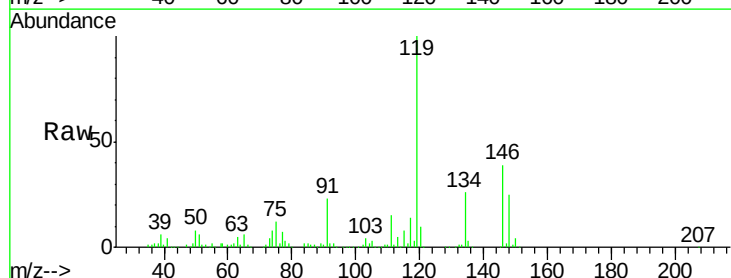
Tgt Ion:119 Resp: 196431

Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

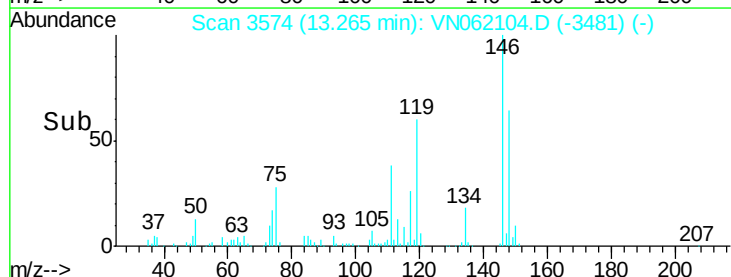
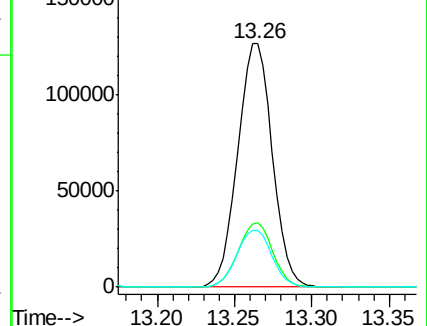
91 24.0 11.3 33.8

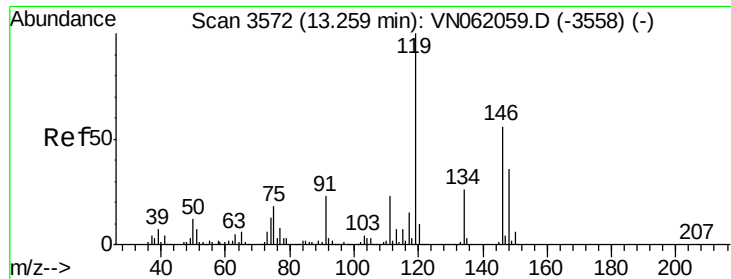


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

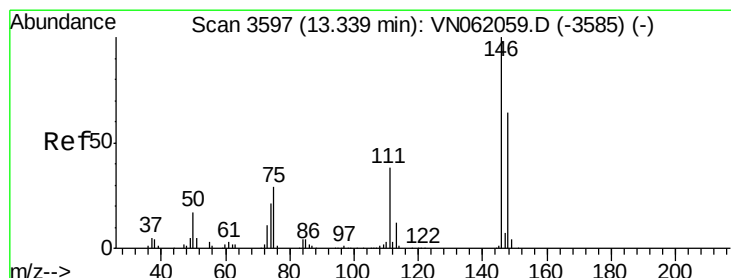
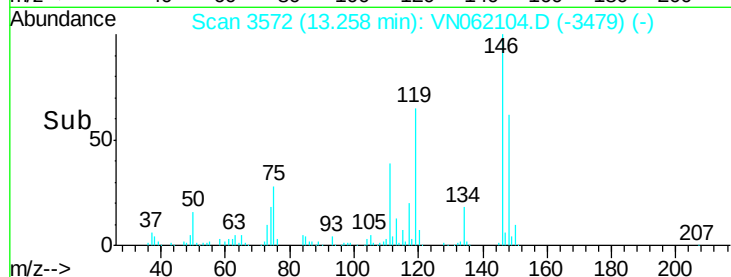
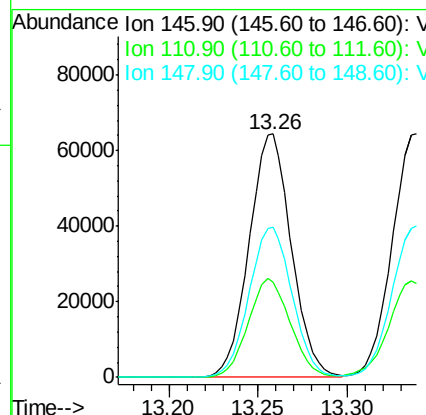
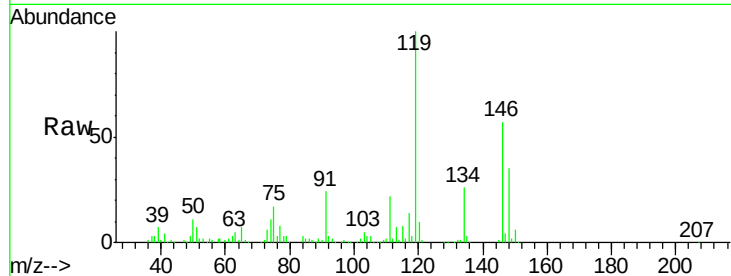




#87
 1,3-Dichlorobenzene
 Concen: 16.703 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

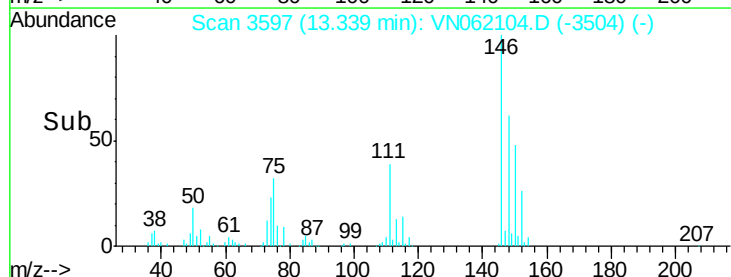
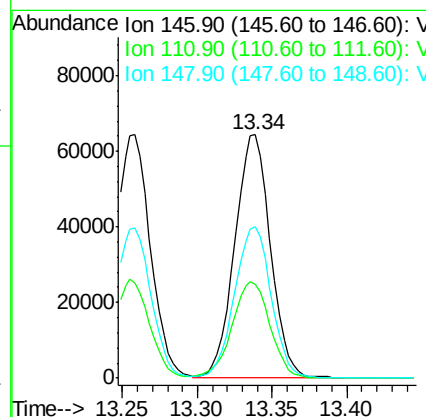
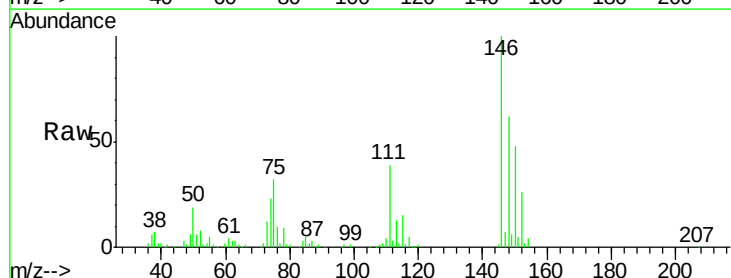
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

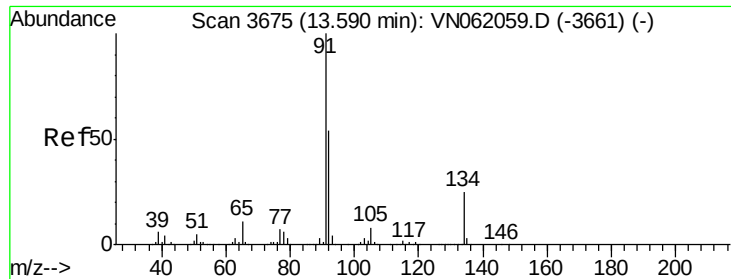
Tgt Ion:146 Resp: 106683
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 61.0
 148 63.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 16.276 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion:146 Resp: 107162
 Ion Ratio Lower Upper
 146 100
 111 42.4 19.9 59.6
 148 63.3 31.9 95.9

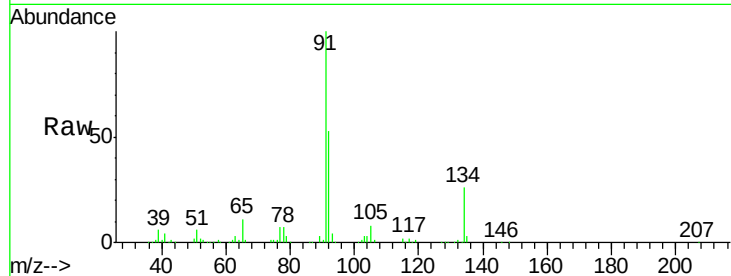




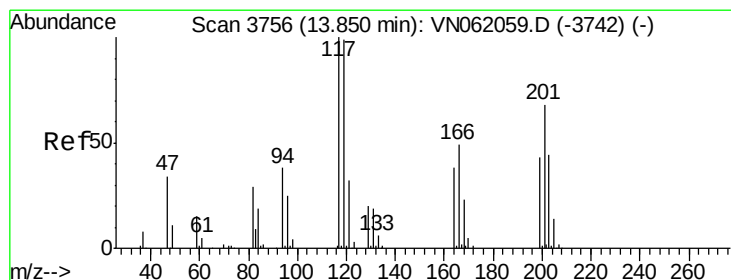
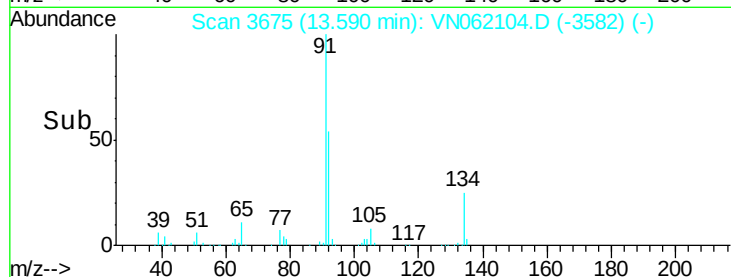
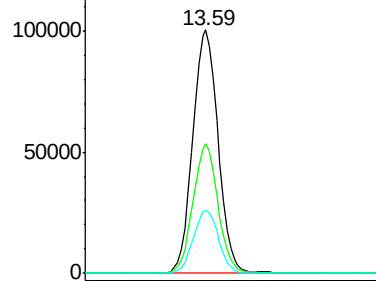
#89
n-Butylbenzene
Concen: 16.411 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0625MBS01

Tgt Ion: 91 Resp: 160548
Ion Ratio Lower Upper
91 100
92 52.2 26.6 79.7
134 25.9 12.3 36.9

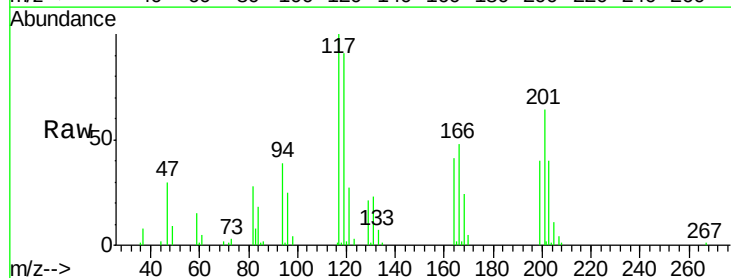


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

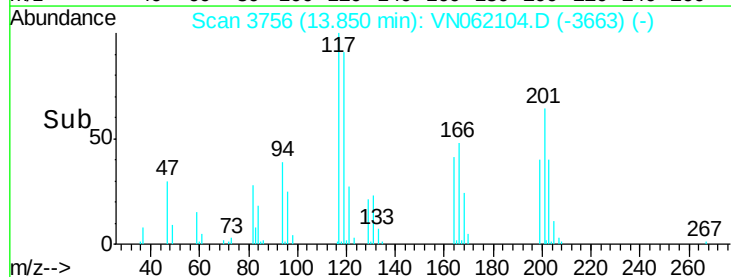
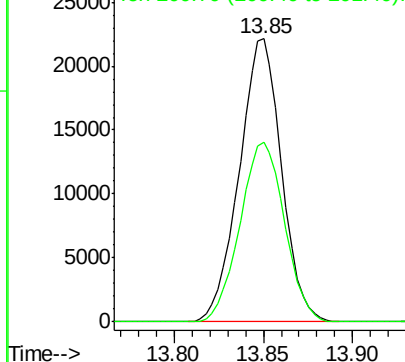


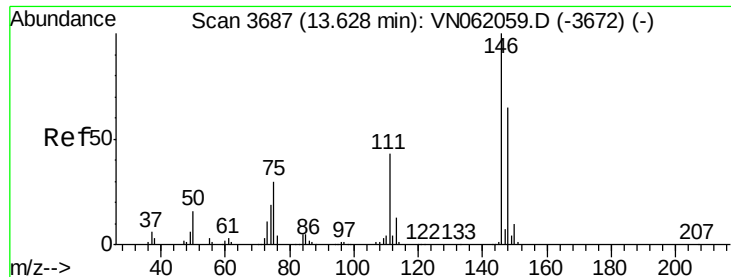
#90
Hexachloroethane
Concen: 15.783 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion: 117 Resp: 36438
Ion Ratio Lower Upper
117 100
201 67.1 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

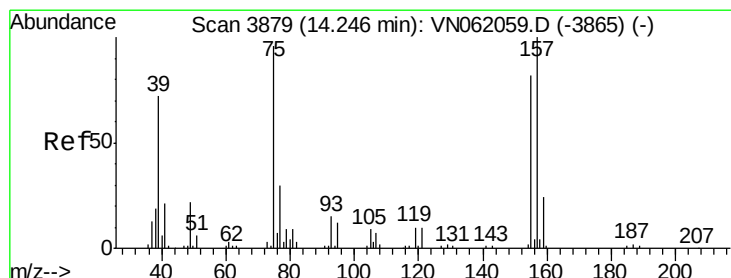
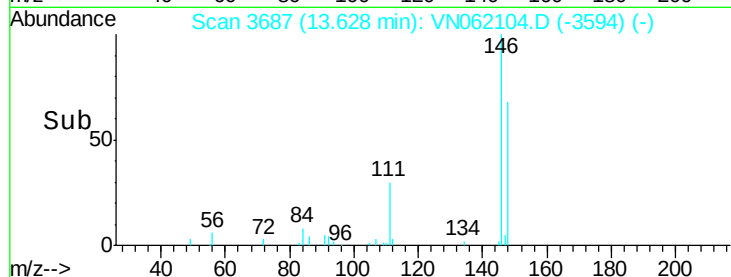
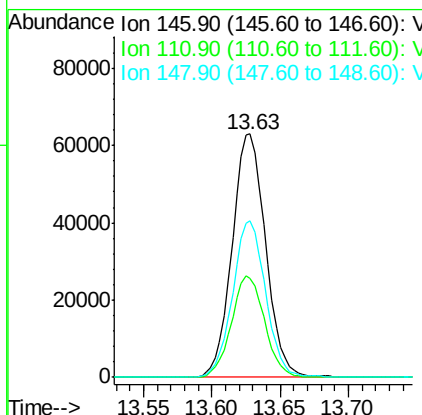
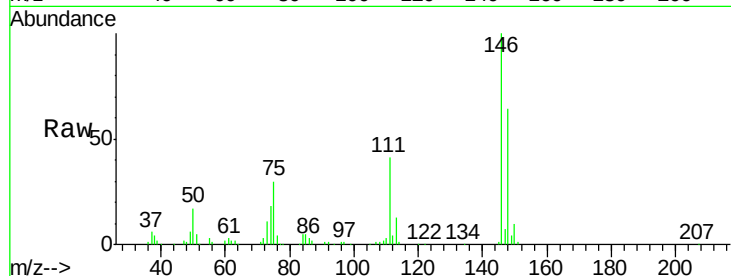




#91
 1,2-Dichlorobenzene
 Concen: 17.357 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

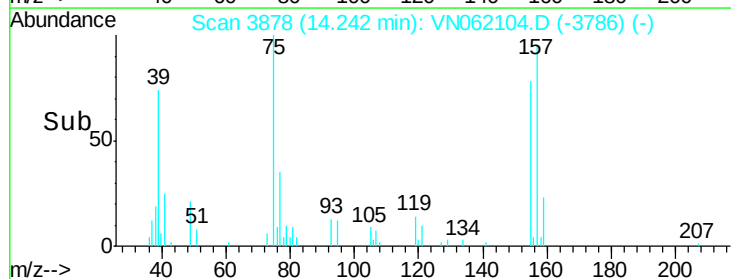
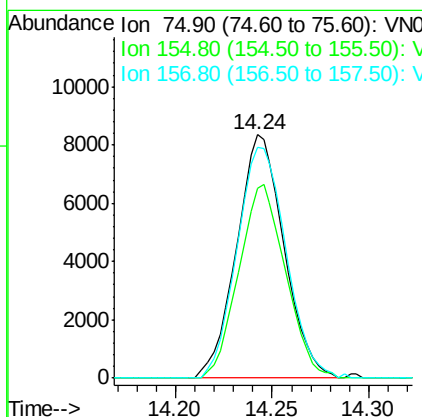
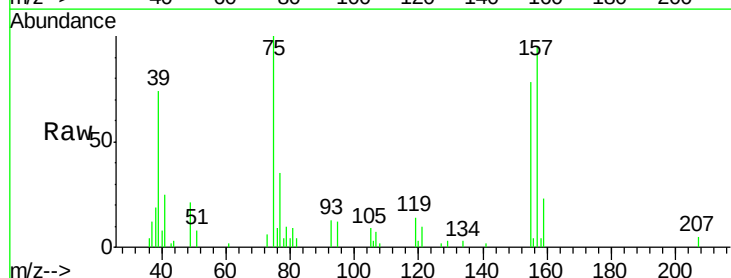
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

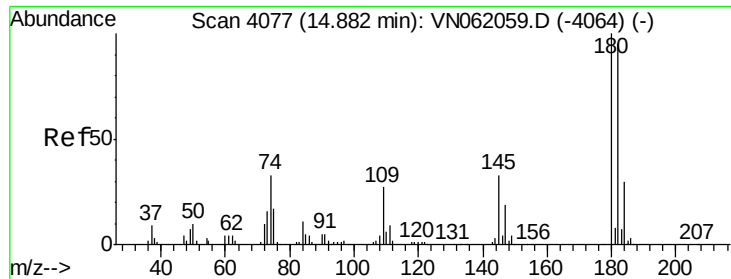
Tgt Ion: 146 Resp: 107505
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.2 63.6
 148 63.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.221 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion: 75 Resp: 14231
 Ion Ratio Lower Upper
 75 100
 155 78.3 40.8 122.4
 157 98.3 51.4 154.3

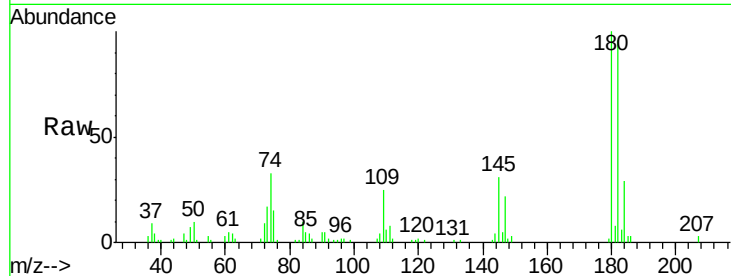




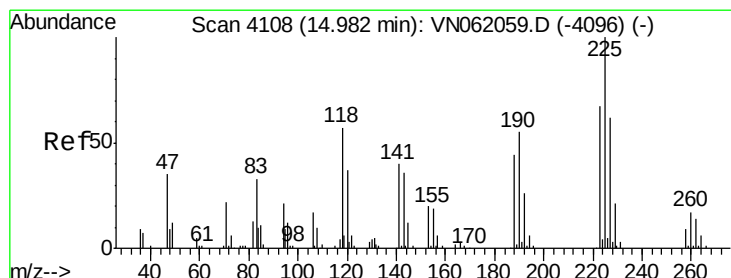
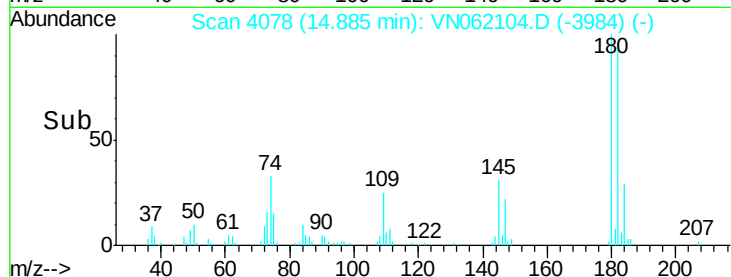
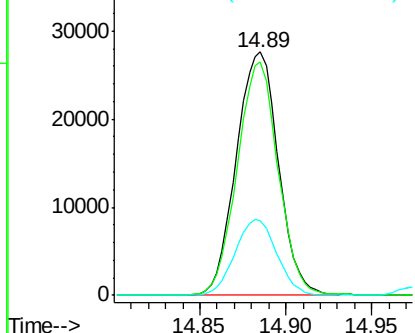
#93
 1,2,4-Trichlorobenzene
 Concen: 17.391 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Instrument :
 MSVOA_N
 ClientSampled :
 VN0625MBS01

Tgt Ion:180 Resp: 47054
 Ion Ratio Lower Upper
 180 100
 182 93.1 48.0 144.2
 145 30.8 16.0 48.0

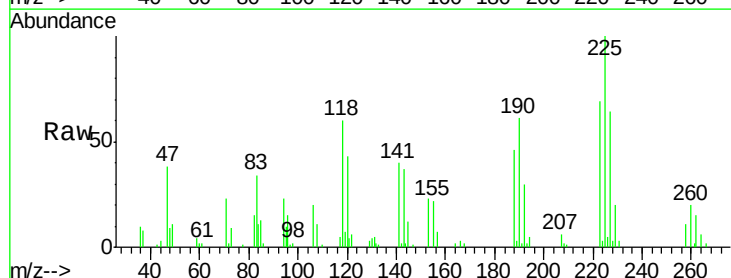


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

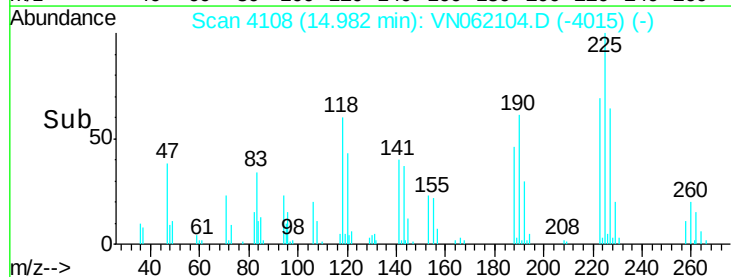
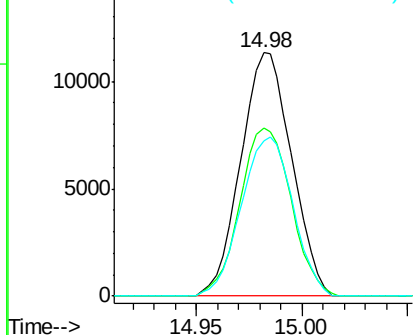


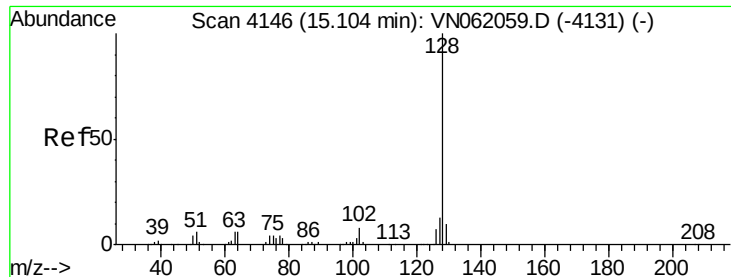
#94
 Hexachlorobutadiene
 Concen: 16.204 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062104.D
 Acq: 25 Jun 2020 12:24

Tgt Ion:225 Resp: 19042
 Ion Ratio Lower Upper
 225 100
 223 69.6 32.9 98.7
 227 66.3 31.3 93.8



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

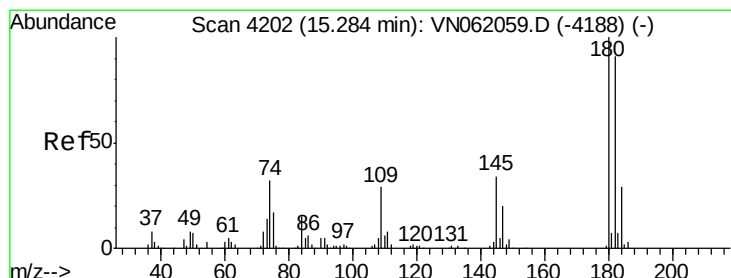
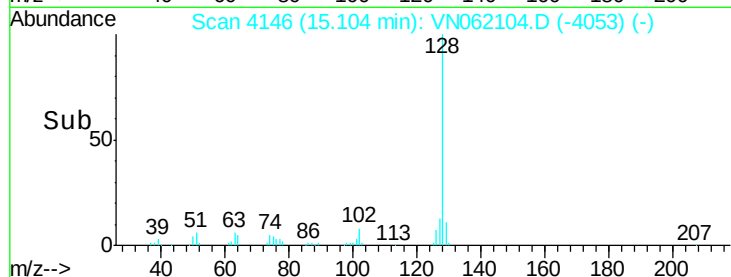
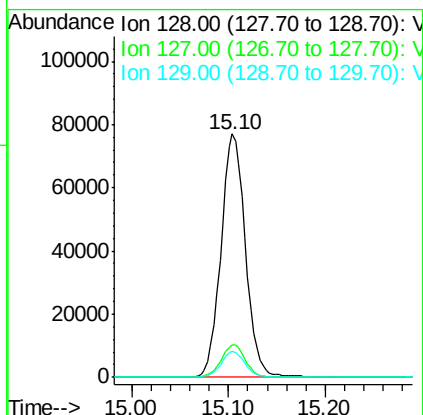
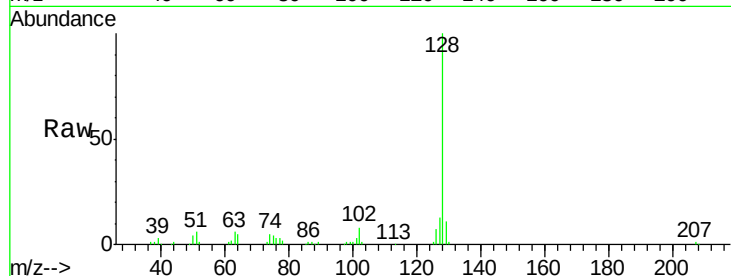




#95
Naphthalene
Concen: 17.777 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0625MBS01

Tgt Ion:128 Resp: 135136
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.614 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062104.D
Acq: 25 Jun 2020 12:24

Tgt Ion:180 Resp: 48731
Ion Ratio Lower Upper
180 100
182 94.8 46.8 140.4
145 34.0 16.4 49.2

