

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062120.D
 Acq On : 25 Jun 2020 18:54
 Operator : JC/MD
 Sample : VN0625MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBSD01

Quant Time: Jun 26 01:51:22 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	7.63	168	267003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	471551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	432270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194680	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	176256	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
35) Dibromofluoromethane	7.55	113	143577	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	10.06	98	573697	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
62) 4-Bromofluorobenzene	12.38	95	191640	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	53885	17.855	ug/l	98
3) Chloromethane	2.03	50	73164	19.783	ug/l	98
4) Vinyl Chloride	2.16	62	86027	18.100	ug/l	98
5) Bromomethane	2.53	94	54292	17.675	ug/l	95
6) Chloroethane	2.67	64	58083	17.890	ug/l	99
7) Trichlorofluoromethane	2.98	101	104615	17.864	ug/l	99
8) Diethyl Ether	3.38	74	40158	19.638	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56809	18.524	ug/l	98
10) Methyl Iodide	3.91	142	64007	18.532	ug/l	99
11) Tert butyl alcohol	4.74	59	55345	102.876	ug/l	98
12) 1,1-Dichloroethene	3.69	96	56722	18.501	ug/l	95
13) Acrolein	3.57	56	35544	67.483	ug/l	99
14) Allyl chloride	4.27	41	76052	18.220	ug/l	99
15) Acrylonitrile	4.93	53	136947	93.415	ug/l	100
16) Acetone	3.78	43	111299	92.074	ug/l	99
17) Carbon Disulfide	4.01	76	155659	17.759	ug/l	100
18) Methyl Acetate	4.28	43	55191	18.529	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	188665	19.258	ug/l	99
20) Methylene Chloride	4.50	84	65906	19.026	ug/l	94
21) trans-1,2-Dichloroethene	4.98	96	61130	17.503	ug/l	96
22) Diisopropyl ether	5.90	45	175397	18.455	ug/l	98
23) Vinyl Acetate	5.84	43	729641	94.032	ug/l	100
24) 1,1-Dichloroethane	5.80	63	109739	17.931	ug/l	99
25) 2-Butanone	6.79	43	169838	92.734	ug/l	100
26) 2,2-Dichloropropane	6.78	77	84806	16.629	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	69554	17.698	ug/l	98
28) Bromochloromethane	7.15	49	45010	16.951	ug/l	97
29) Tetrahydrofuran	7.17	42	114547	95.480	ug/l	99
30) Chloroform	7.33	83	111756	17.948	ug/l	96
31) Cyclohexane	7.61	56	92966	17.958	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	94111	17.922	ug/l	99
36) 1,1-Dichloropropene	7.75	75	80501	16.984	ug/l	99
37) Ethyl Acetate	6.88	43	66737	17.004	ug/l	96
38) Carbon Tetrachloride	7.73	117	79562	17.805	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	91167	17.555	ug/l	99
40) Benzene	8.00	78	256862	17.780	ug/l	99
41) Methacrylonitrile	7.13	41	32711	17.977	ug/l	98
42) 1,2-Dichloroethane	8.08	62	86356	17.692	ug/l	98
43) Isopropyl Acetate	8.13	43	122573	19.158	ug/l	99
44) Trichloroethene	8.80	130	65028	17.844	ug/l	99
45) 1,2-Dichloropropane	9.08	63	64171	18.005	ug/l	99
46) Dibromomethane	9.17	93	42445	17.565	ug/l	99
47) Bromodichloromethane	9.37	83	85946	17.615	ug/l	99
48) Methyl methacrylate	9.17	41	52049	18.144	ug/l	96
49) 1,4-Dioxane	9.17	88	24045	377.963	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	356858	95.465	ug/l	99
52) Toluene	10.12	92	161864	18.363	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	93351	17.390	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	103069	18.035	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	62709	18.098	ug/l	97
56) Ethyl methacrylate	10.40	69	87825	18.993	ug/l	97
57) 1,3-Dichloropropane	10.68	76	107270	17.986	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	163972	94.025	ug/l	99
59) 2-Hexanone	10.72	43	255963	94.826	ug/l	100
60) Dibromochloromethane	10.87	129	65955	17.979	ug/l	95
61) 1,2-Dibromoethane	10.98	107	64371	18.080	ug/l	99
64) Tetrachloroethene	10.60	164	54697	18.524	ug/l	98
65) Chlorobenzene	11.41	112	169325	17.837	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	60380	18.395	ug/l	99
67) Ethyl Benzene	11.48	91	302838	18.890	ug/l	98
68) m/p-Xylenes	11.59	106	231032	37.258	ug/l	99
69) o-Xylene	11.92	106	112982	19.311	ug/l	100
70) Styrene	11.94	104	177731	18.215	ug/l	97
71) Bromoform	12.10	173	43044	18.443	ug/l #	98
73) Isopropylbenzene	12.22	105	291310	19.331	ug/l	99
74) N-amyl acetate	12.05	43	98116	19.847	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	92278	18.401	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	111265	24.278	ug/l #	100
77) Bromobenzene	12.50	156	74165	19.823	ug/l	91
78) n-propylbenzene	12.57	91	330202	19.156	ug/l	99
79) 2-Chlorotoluene	12.65	91	196160	18.824	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	238420	19.516	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	27171	17.314	ug/l	98
82) 4-Chlorotoluene	12.75	91	197816	18.357	ug/l	99
83) tert-Butylbenzene	12.97	119	203113	19.428	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	240226	19.689	ug/l	100
85) sec-Butylbenzene	13.15	105	261797	18.951	ug/l	98
86) p-Isopropyltoluene	13.26	119	234539	19.378	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	123127	18.741	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	121624	17.959	ug/l	98
89) n-Butylbenzene	13.59	91	188028	18.686	ug/l	99
90) Hexachloroethane	13.85	117	40987	17.260	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	121040	18.999	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	15282	19.023	ug/l	94

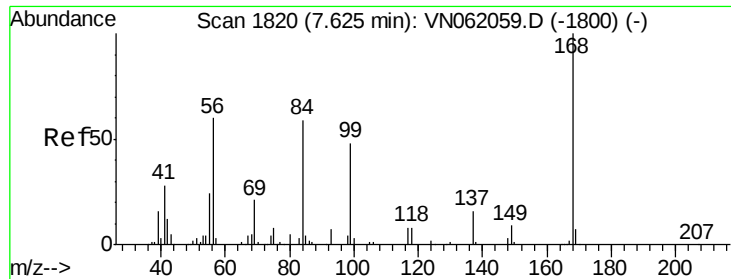
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
Data File : VN062120.D
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	54839	19.704	ug/l	99
94) Hexachlorobutadiene	14.98	225	22738	18.811	ug/l	97
95) Naphthalene	15.10	128	175063	21.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	56383	19.813	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

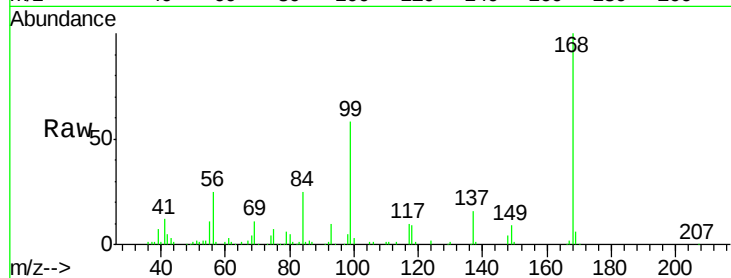
VN0625MBSD01

Tgt Ion:168 Resp: 267003

Ion Ratio Lower Upper

168 100

99 57.8 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

120000

100000

80000

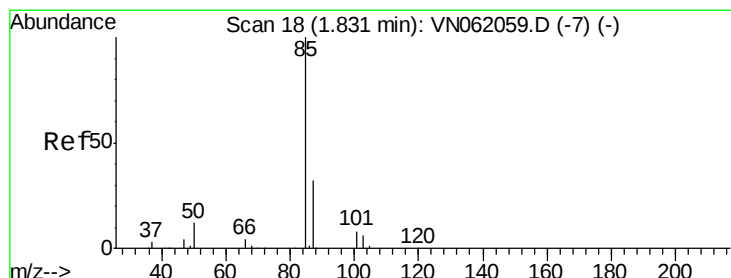
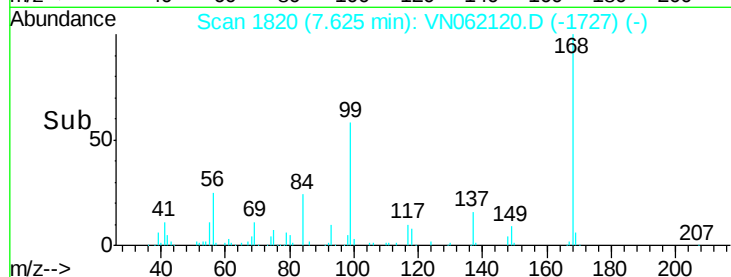
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.855 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062120.D

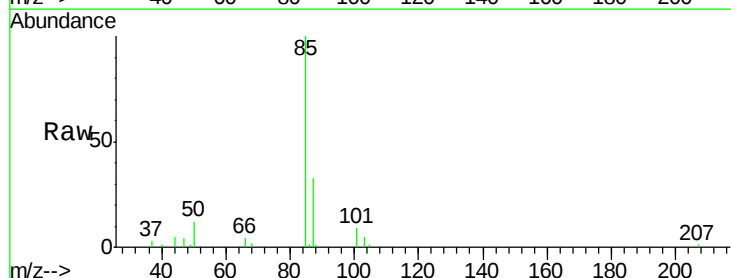
Acq: 25 Jun 2020 18:54

Tgt Ion: 85 Resp: 53885

Ion Ratio Lower Upper

85 100

87 32.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

40000

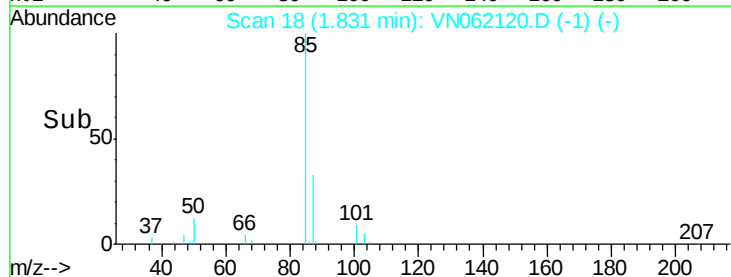
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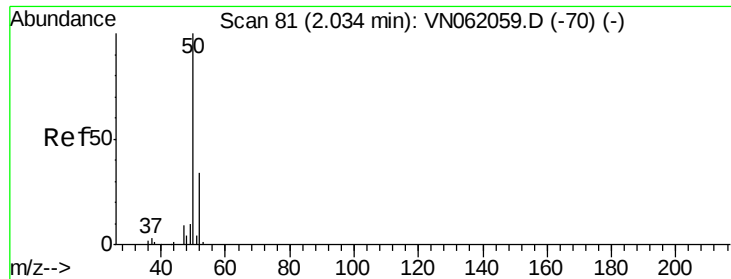
20000

10000

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Time-->





#3

Chloromethane

Concen: 19.783 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

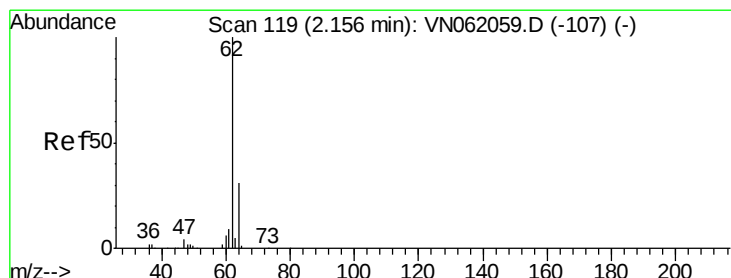
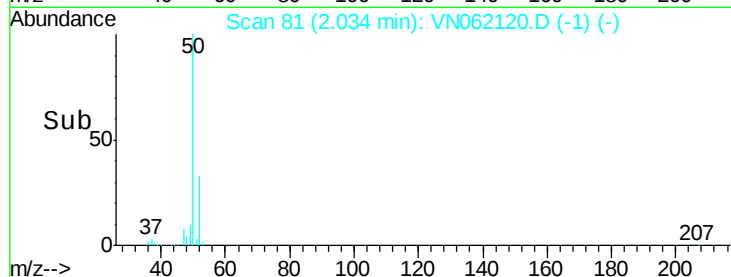
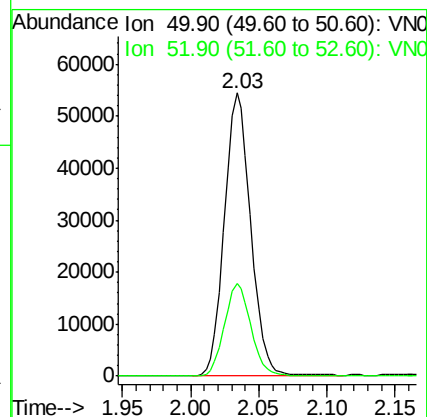
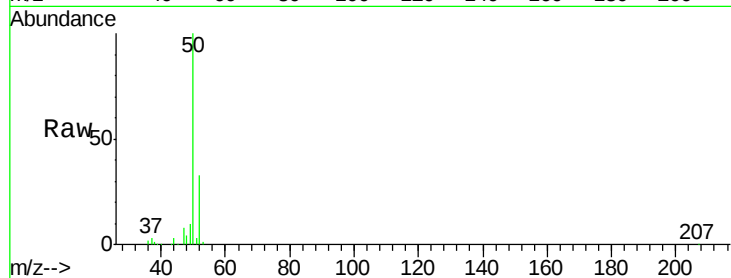
VN0625MBSD01

Tgt Ion: 50 Resp: 73164

Ion Ratio Lower Upper

50 100

52 32.9 27.0 40.6



#4

Vinyl Chloride

Concen: 18.100 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062120.D

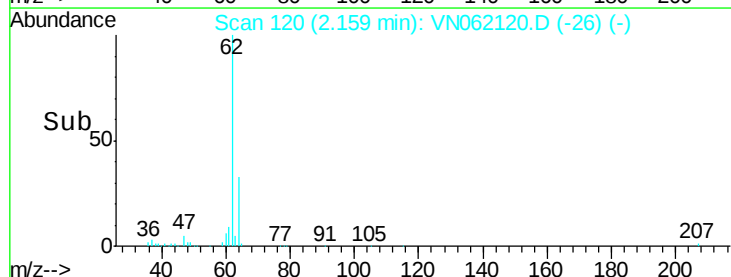
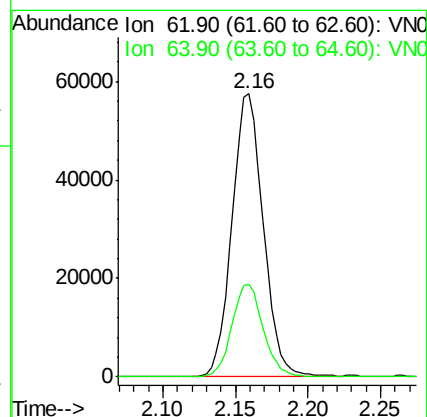
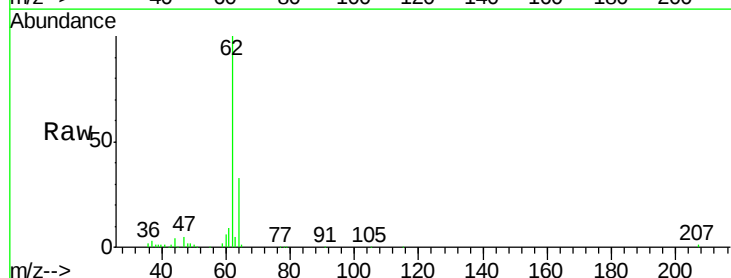
Acq: 25 Jun 2020 18:54

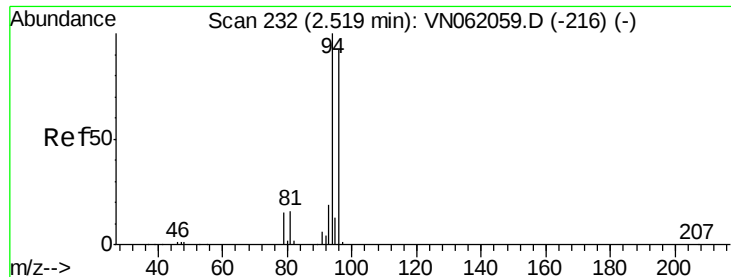
Tgt Ion: 62 Resp: 86027

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 17.675 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

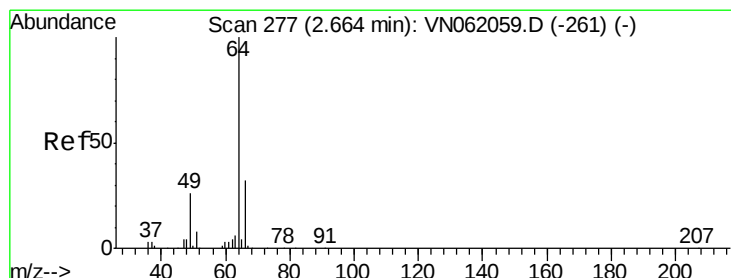
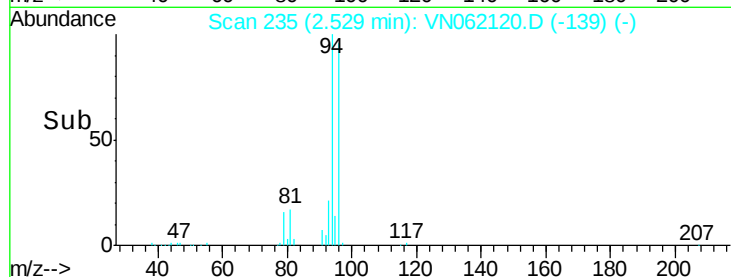
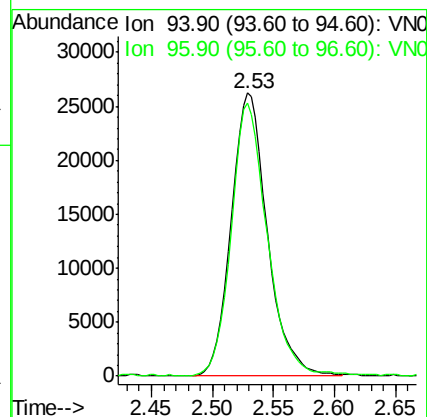
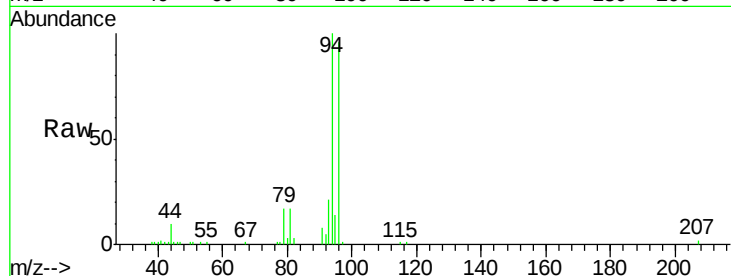
VN0625MBSD01

Tgt Ion: 94 Resp: 54292

Ion Ratio Lower Upper

94 100

96 96.4 73.4 110.2



#6

Chloroethane

Concen: 17.890 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062120.D

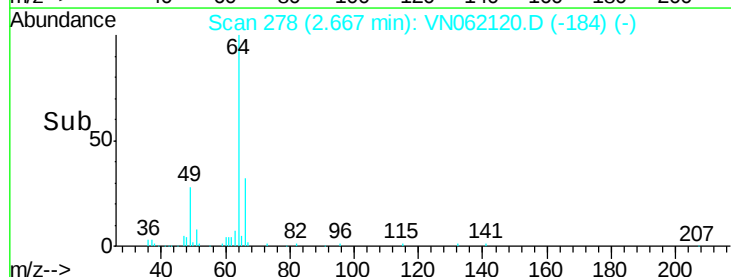
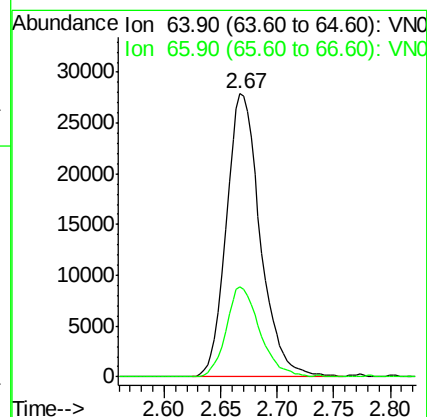
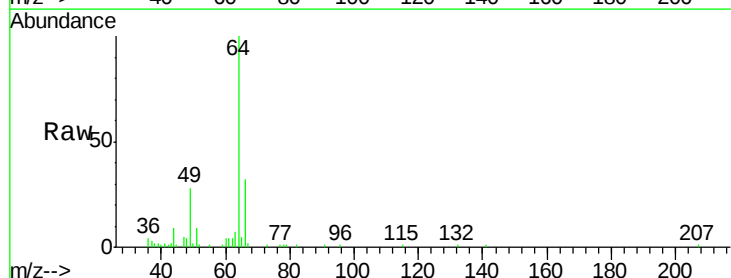
Acq: 25 Jun 2020 18:54

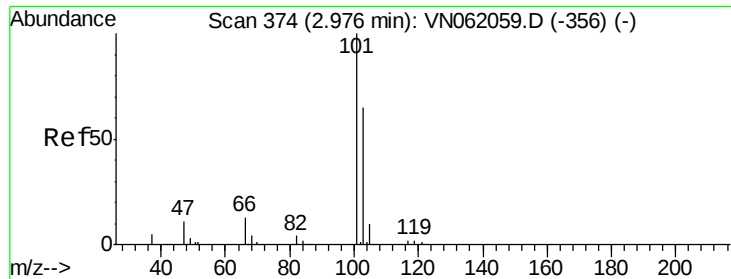
Tgt Ion: 64 Resp: 58083

Ion Ratio Lower Upper

64 100

66 31.7 25.8 38.6



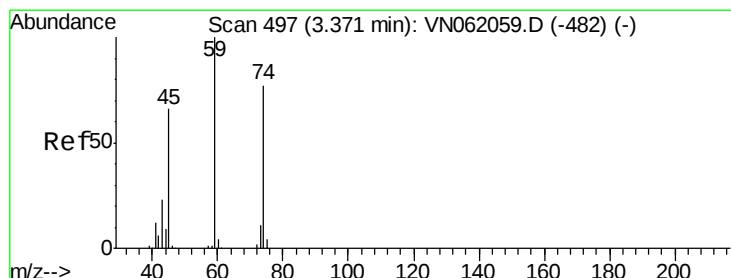
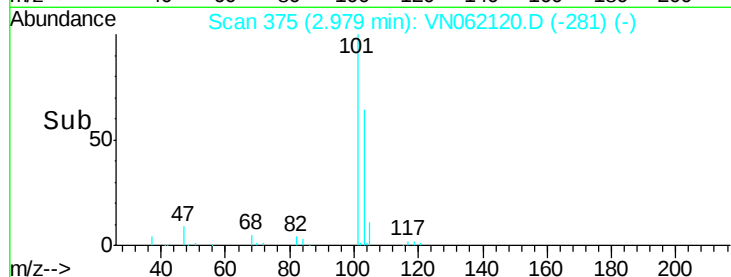
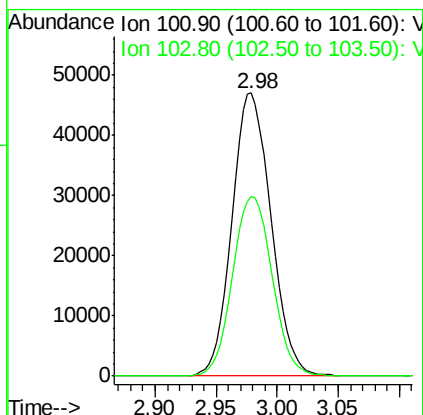
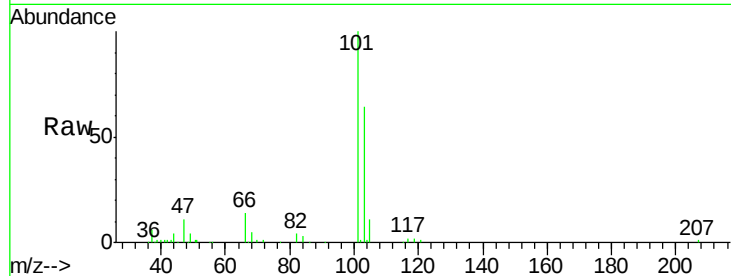


#7

Trichlorofluoromethane
Concen: 17.864 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBSD01

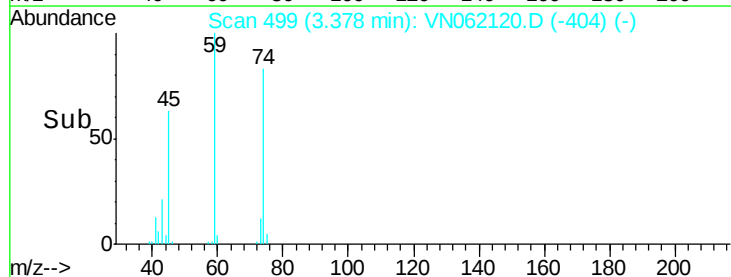
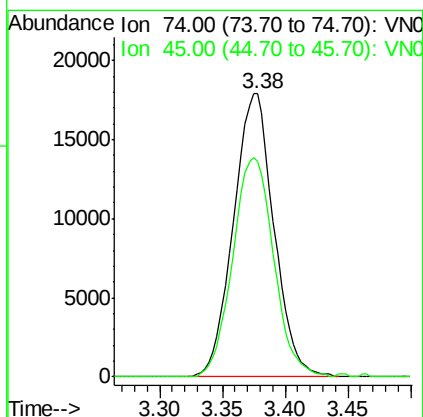
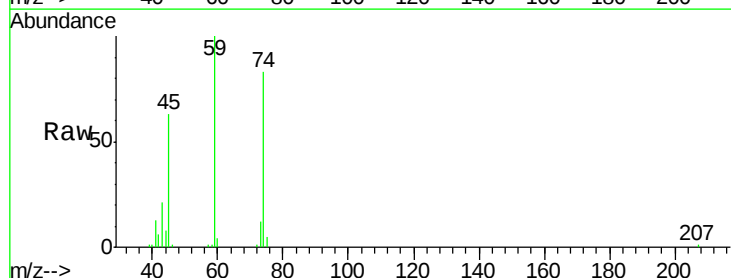
Tgt Ion:101 Resp: 104615
Ion Ratio Lower Upper
101 100
103 63.5 51.8 77.6

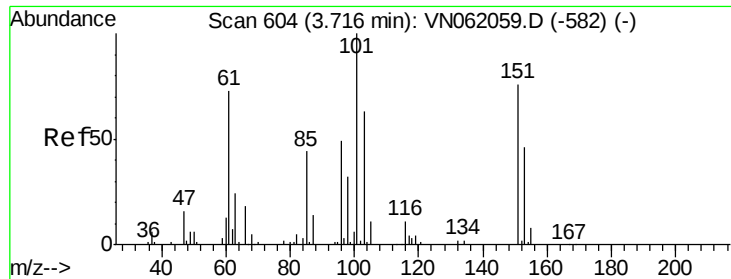


#8

Diethyl Ether
Concen: 19.638 ug/l
RT: 3.38 min Scan# 499
Delta R.T. 0.01 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

Tgt Ion: 74 Resp: 40158
Ion Ratio Lower Upper
74 100
45 78.6 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.524 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBSD01

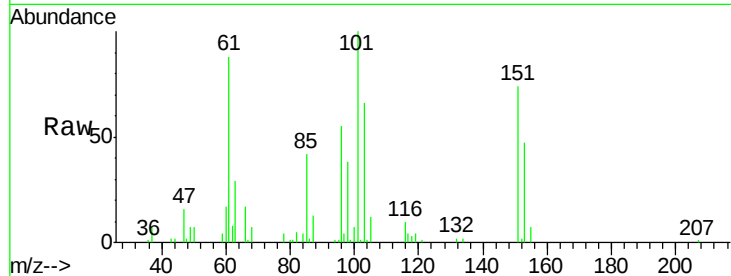
Tgt Ion:101 Resp: 56809

Ion Ratio Lower Upper

101 100

85 42.1 34.5 51.7

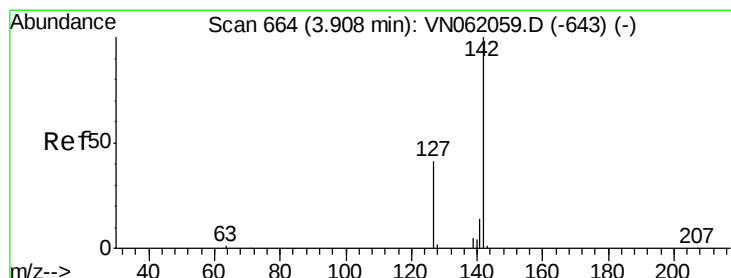
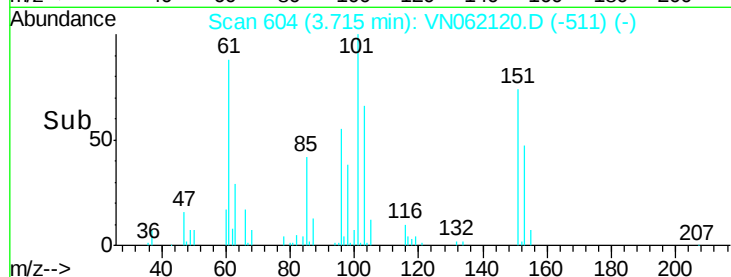
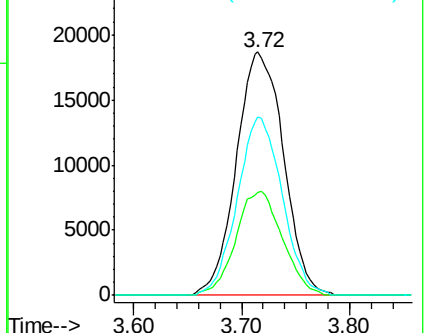
151 69.9 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN062120.D (-582) (-)

Ion 150.80 (150.50 to 151.50): VN062120.D (-582) (-)



#10

Methyl Iodide

Concen: 18.532 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

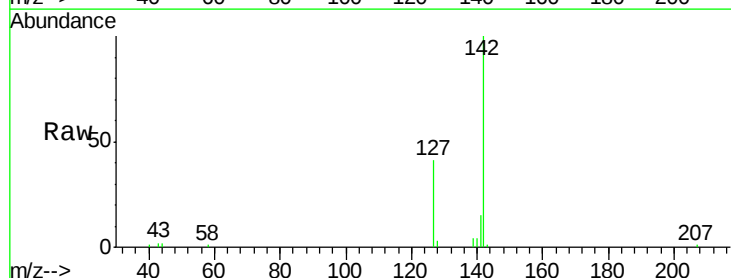
Tgt Ion:142 Resp: 64007

Ion Ratio Lower Upper

142 100

127 41.8 33.6 50.4

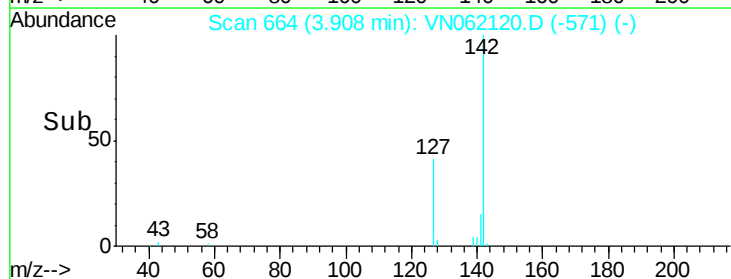
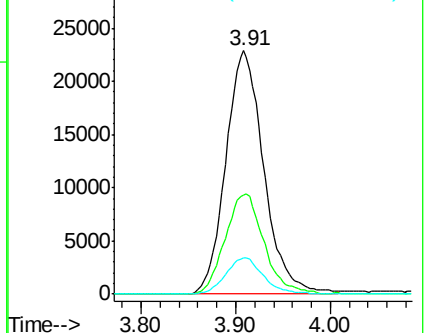
141 14.6 11.3 16.9

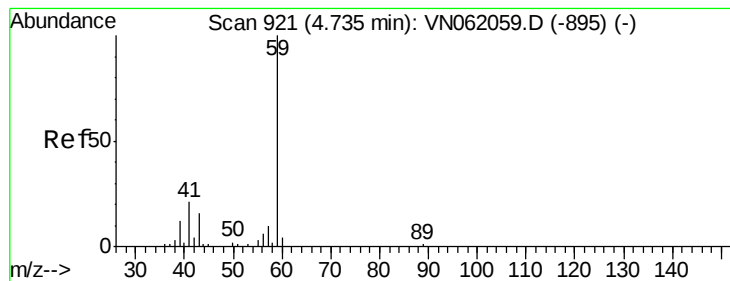


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): VN062120.D (-643) (-)

Ion 140.80 (140.50 to 141.50): VN062120.D (-643) (-)



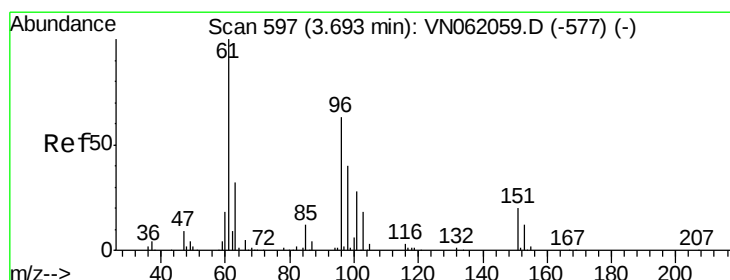
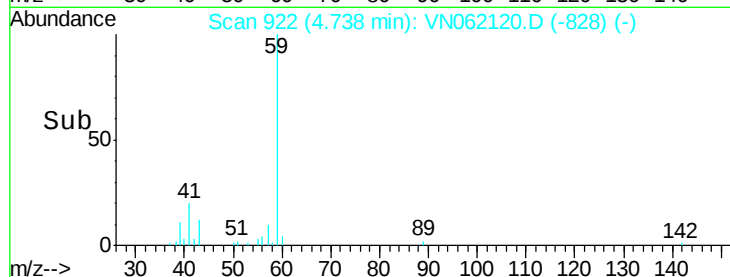
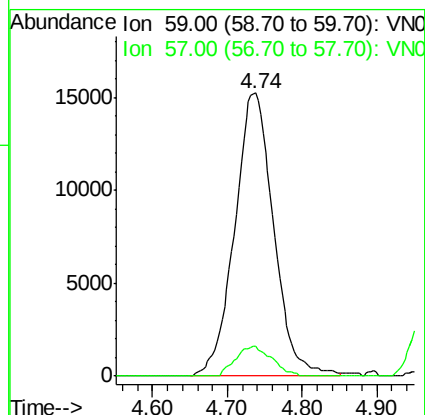
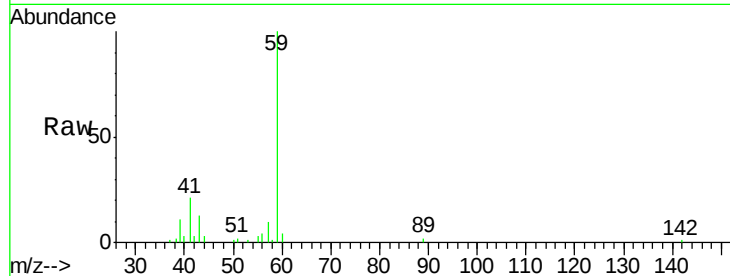


#11

Tert butyl alcohol
 Concen: 102.876 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBSD01

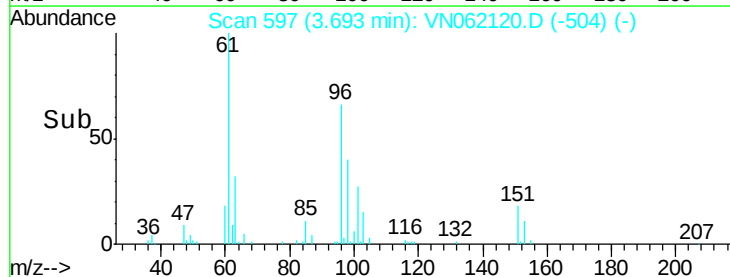
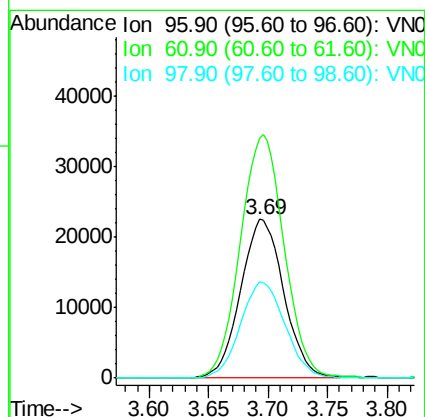
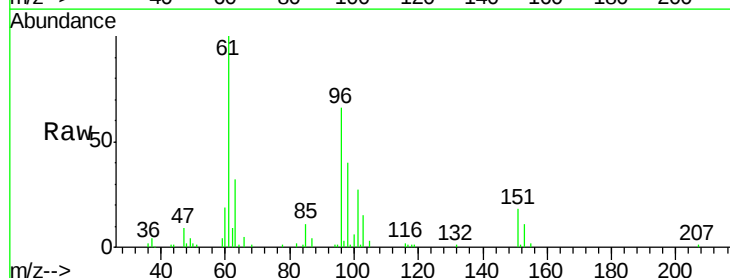
Tgt Ion: 59 Resp: 55345
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.3 12.5

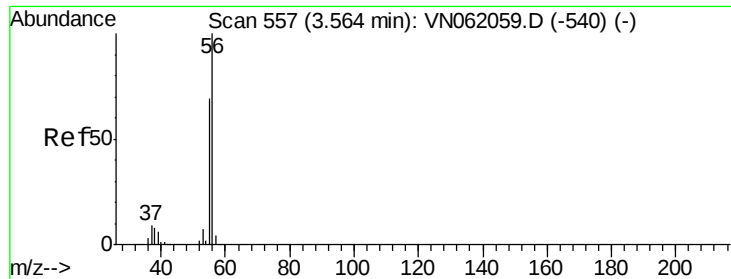


#12

1,1-Dichloroethene
 Concen: 18.501 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

Tgt Ion: 96 Resp: 56722
 Ion Ratio Lower Upper
 96 100
 61 150.8 126.7 190.1
 98 60.5 51.0 76.4





#13

Acrolein

Concen: 67.483 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

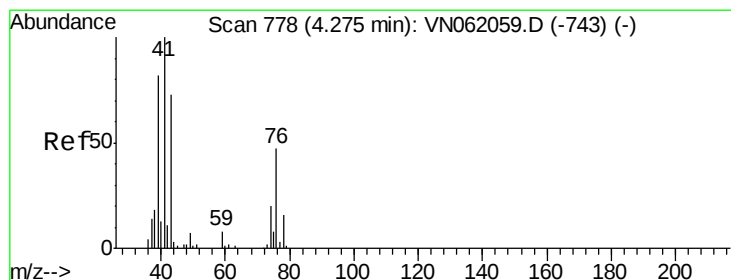
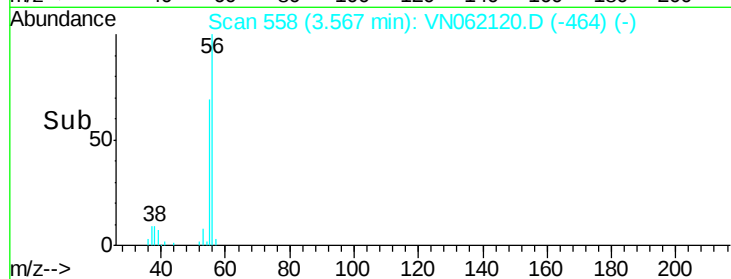
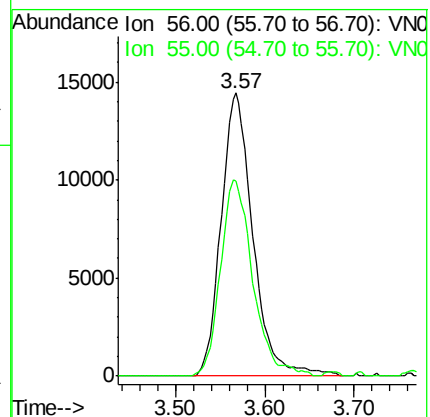
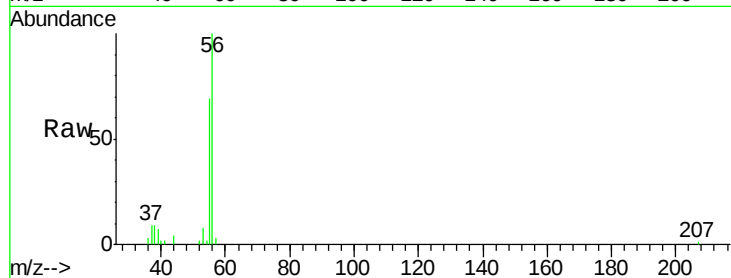
VN0625MBSD01

Tgt Ion: 56 Resp: 35544

Ion Ratio Lower Upper

56 100

55 70.6 55.5 83.3



#14

Allyl chloride

Concen: 18.220 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

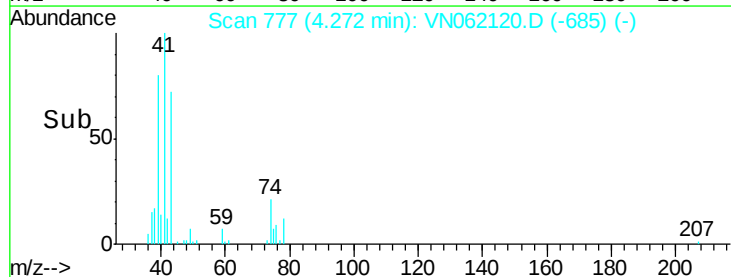
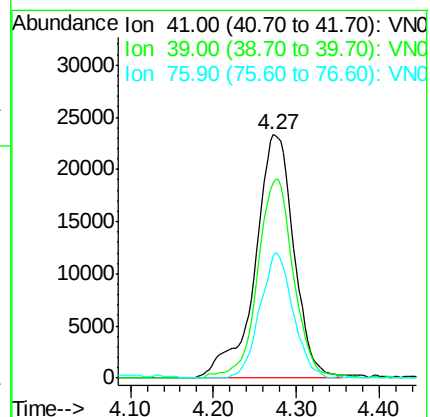
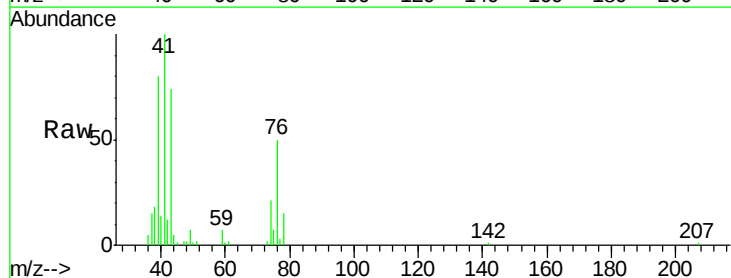
Tgt Ion: 41 Resp: 76052

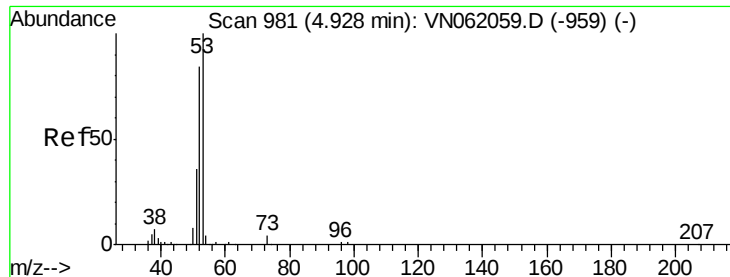
Ion Ratio Lower Upper

41 100

39 75.4 60.0 90.0

76 43.9 34.1 51.1





#15

Acrylonitrile

Concen: 93.415 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBSD01

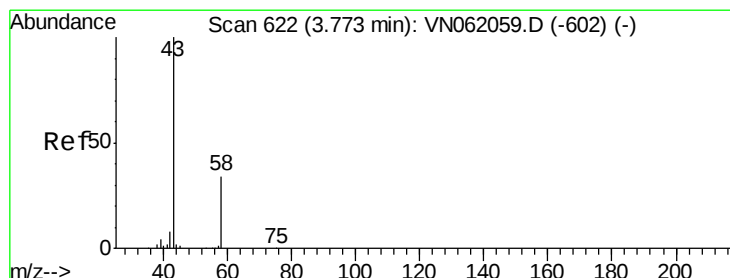
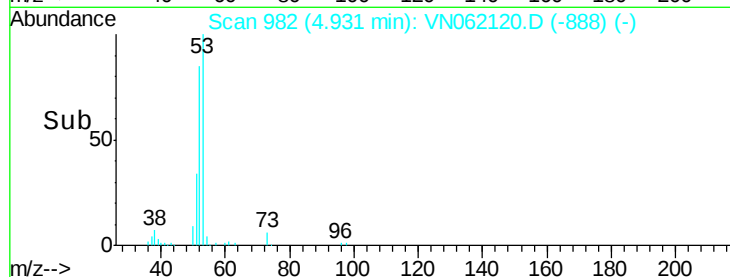
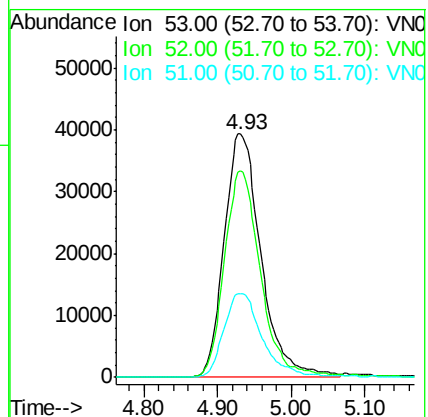
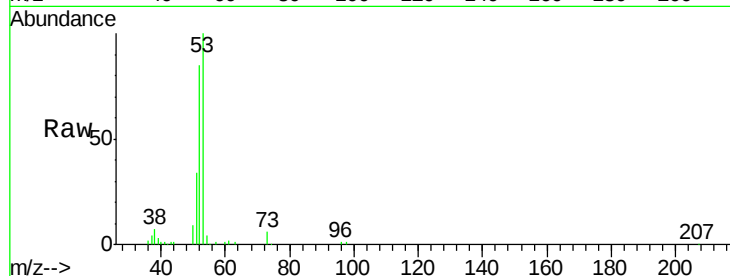
Tgt Ion: 53 Resp: 136947

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.4

51 35.8 28.9 43.3



#16

Acetone

Concen: 92.074 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062120.D

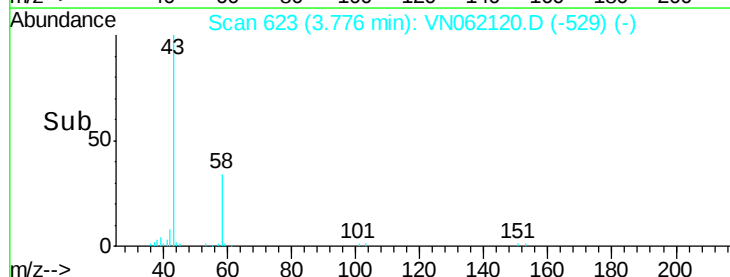
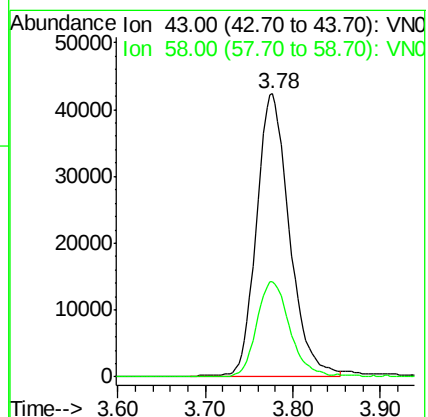
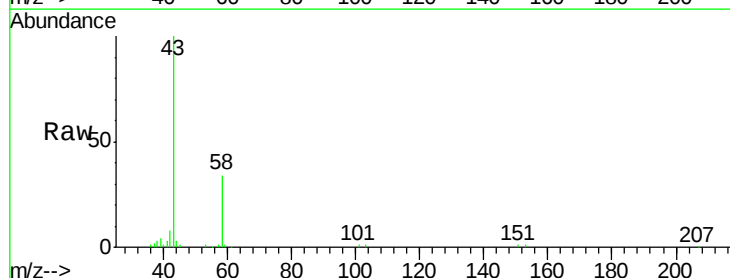
Acq: 25 Jun 2020 18:54

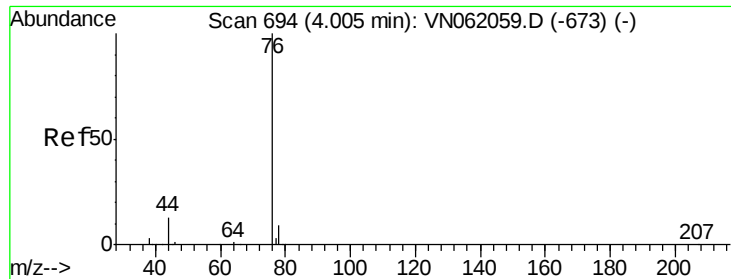
Tgt Ion: 43 Resp: 111299

Ion Ratio Lower Upper

43 100

58 33.8 27.5 41.3





#17

Carbon Disulfide

Concen: 17.759 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

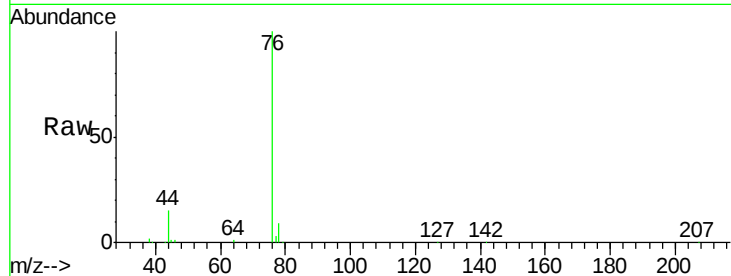
VN0625MBSD01

Tgt Ion: 76 Resp: 155659

Ion Ratio Lower Upper

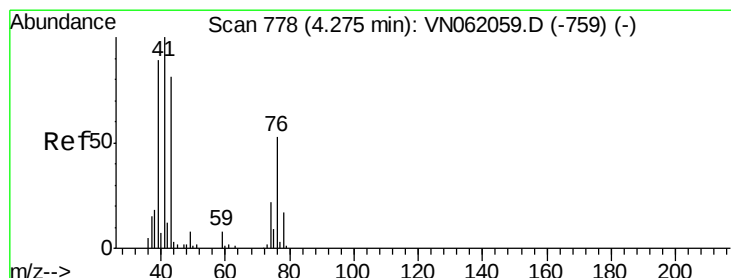
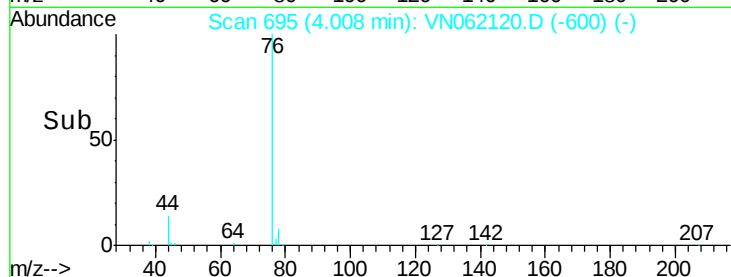
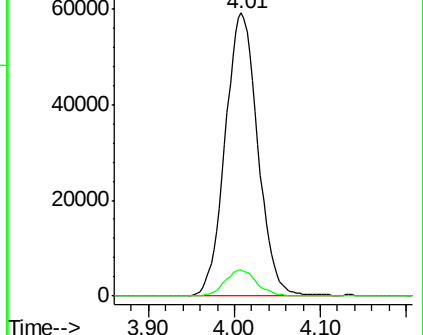
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062120.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062120.D (-600) (-)



#18

Methyl Acetate

Concen: 18.529 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062120.D

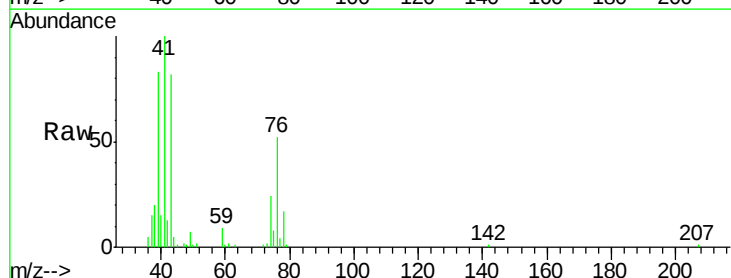
Acq: 25 Jun 2020 18:54

Tgt Ion: 43 Resp: 55191

Ion Ratio Lower Upper

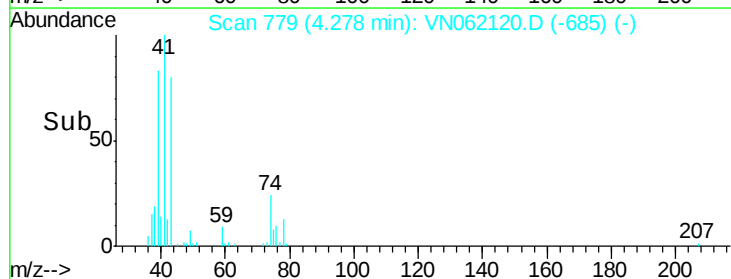
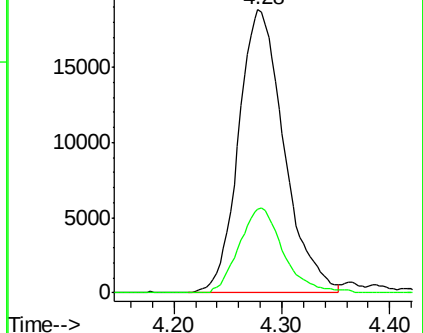
43 100

74 29.0 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062120.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062120.D (-685) (-)

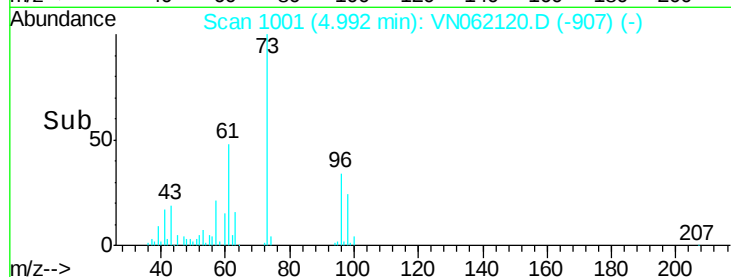
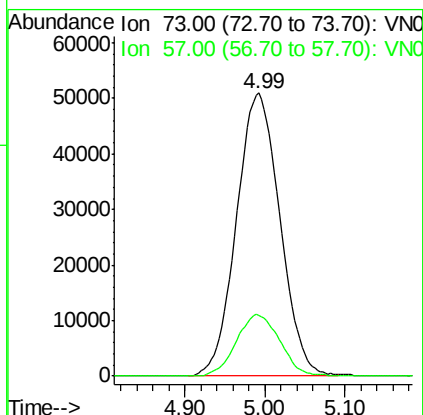
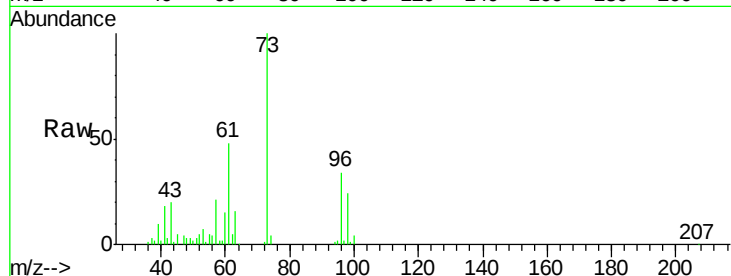




#19
Methyl tert-butyl Ether
Concen: 19.258 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

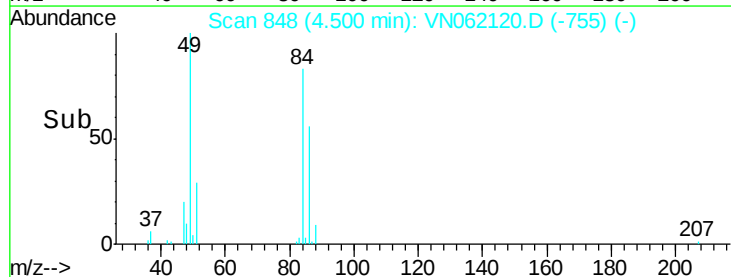
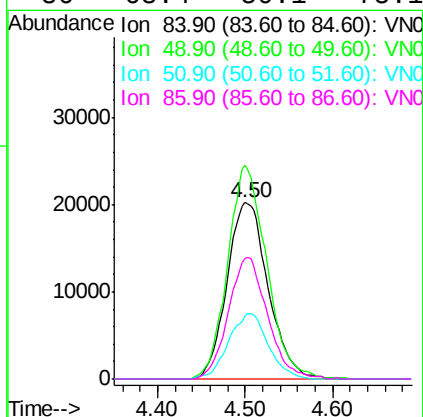
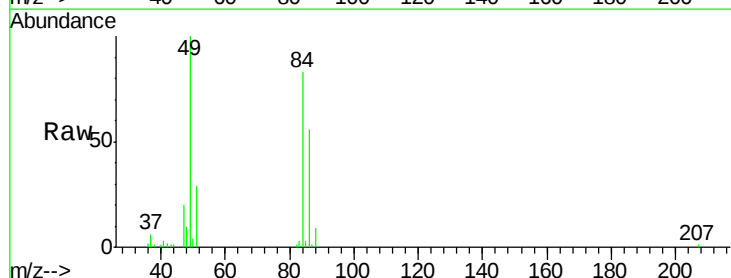
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBSD01

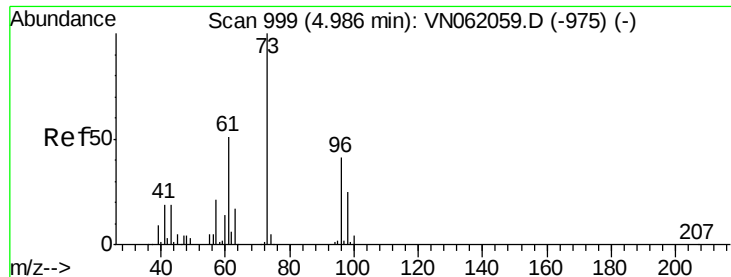
Tgt Ion: 73 Resp: 188665
Ion Ratio Lower Upper
73 100
57 21.3 16.6 24.8



#20
Methylene Chloride
Concen: 19.026 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

Tgt Ion: 84 Resp: 65906
Ion Ratio Lower Upper
84 100
49 121.1 90.6 136.0
51 35.4 27.8 41.8
86 68.4 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.503 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBSD01

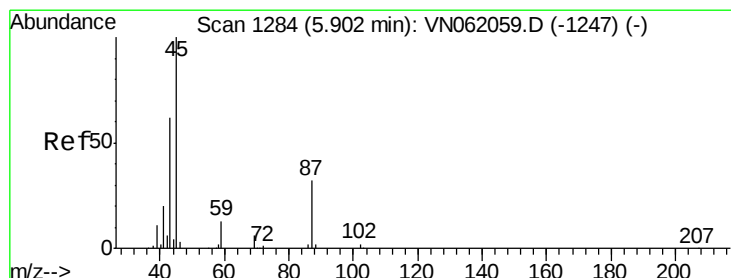
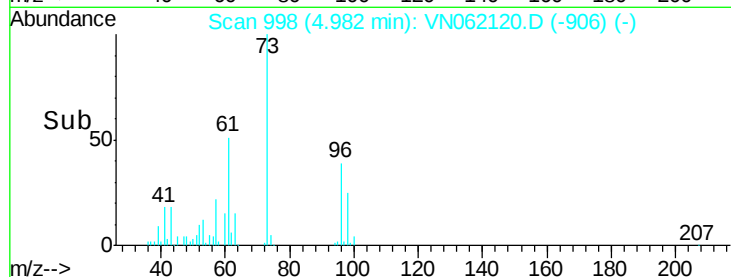
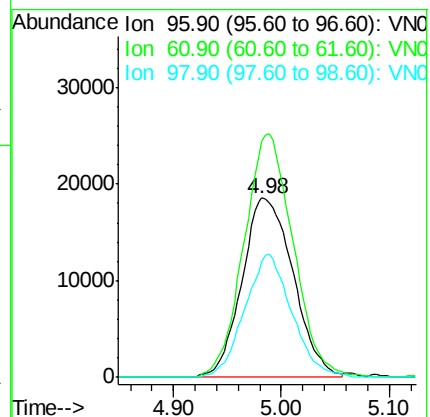
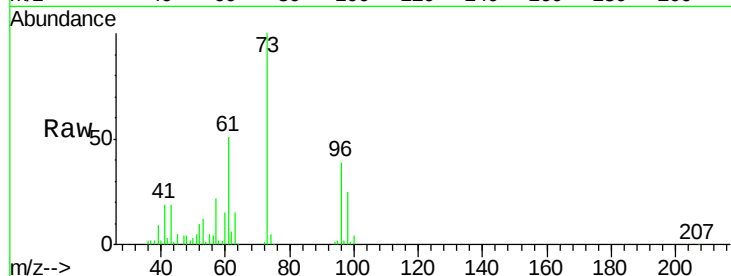
Tgt Ion: 96 Resp: 61130

Ion Ratio Lower Upper

96 100

61 131.4 101.4 152.2

98 64.6 49.3 73.9



#22

Diisopropyl ether

Concen: 18.455 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Tgt Ion: 45 Resp: 175397

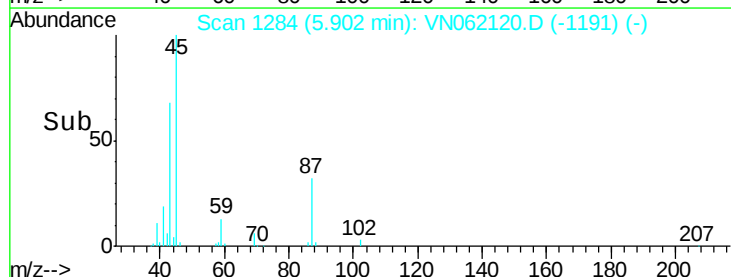
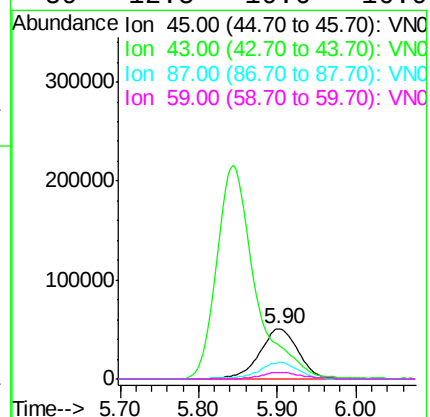
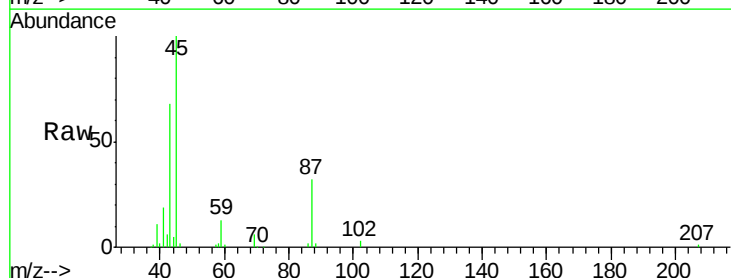
Ion Ratio Lower Upper

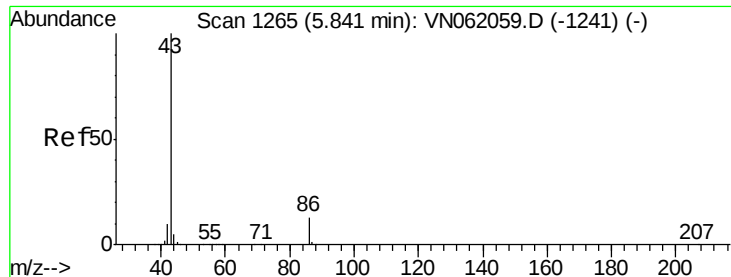
45 100

43 64.9 49.7 74.5

87 32.2 25.9 38.9

59 12.5 10.6 16.0

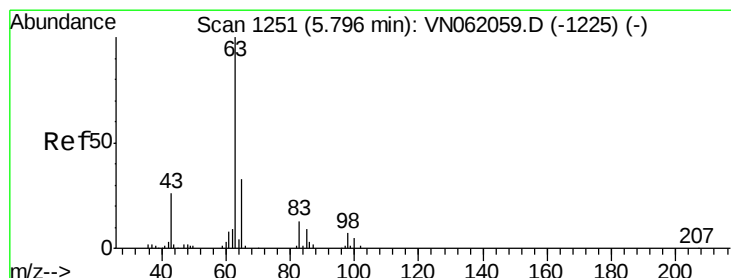
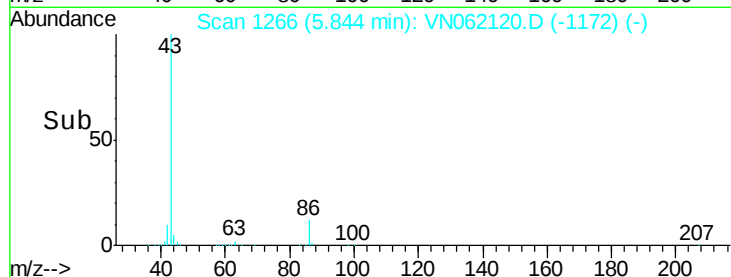
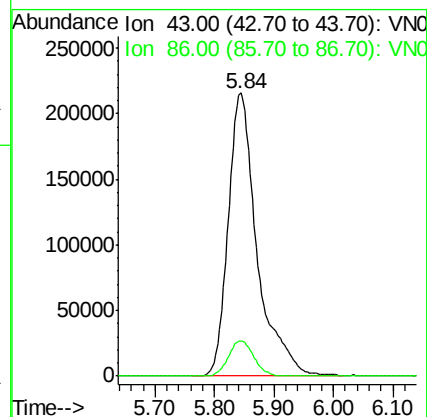
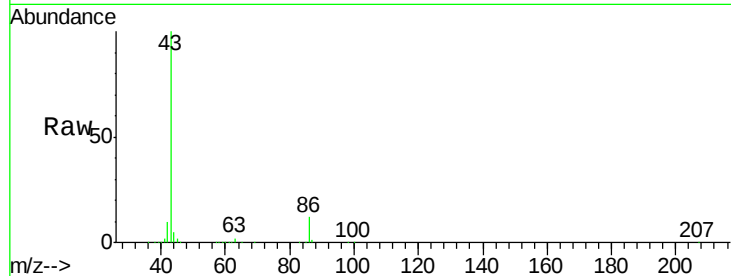




#23
 Vinyl Acetate
 Concen: 94.032 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

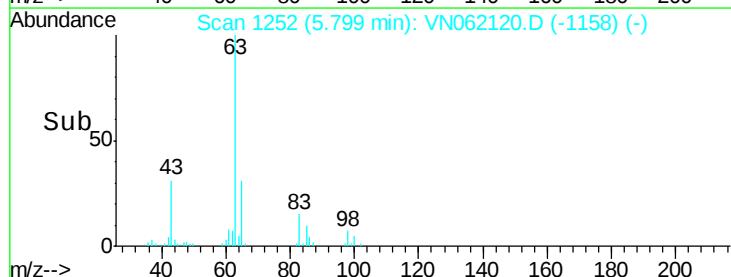
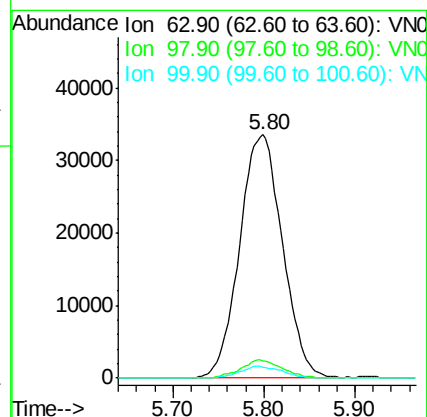
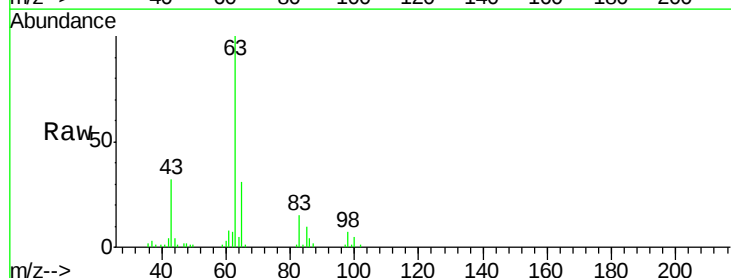
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBSD01

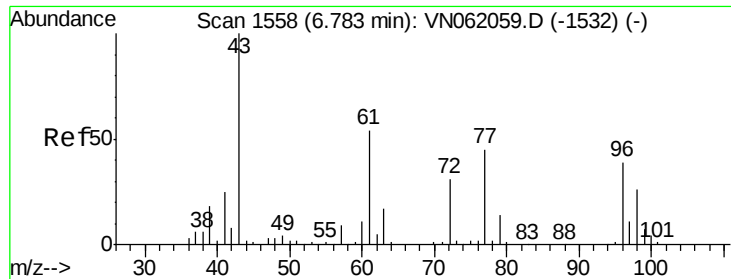
Tgt Ion: 43 Resp: 729641
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.1 15.1



#24
 1,1-Dichloroethane
 Concen: 17.931 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

Tgt Ion: 63 Resp: 109739
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.6 2.4 7.1





#25

2-Butanone

Concen: 92.734 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

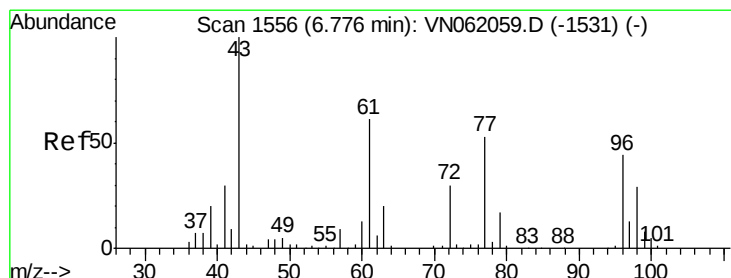
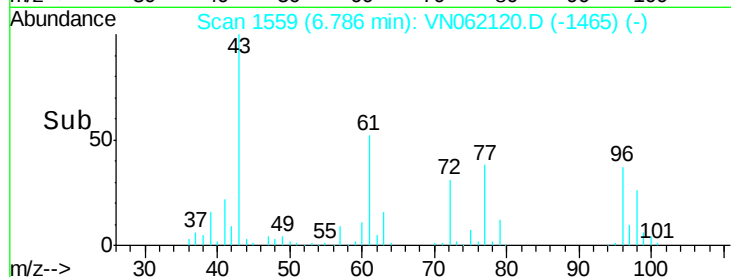
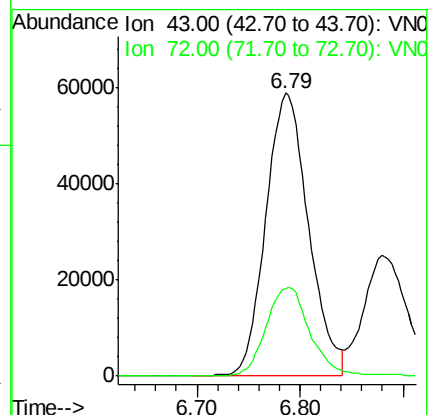
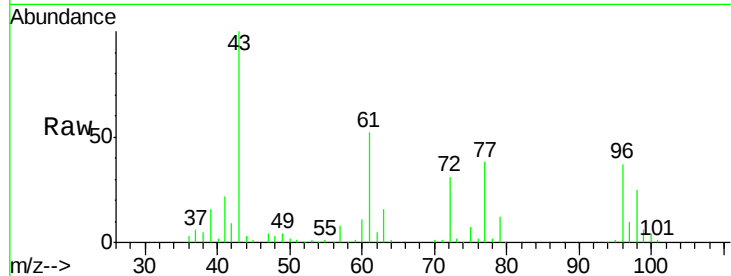
VN0625MBSD01

Tgt Ion: 43 Resp: 169838

Ion Ratio Lower Upper

43 100

72 31.1 24.8 37.2



#26

2,2-Dichloropropane

Concen: 16.629 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062120.D

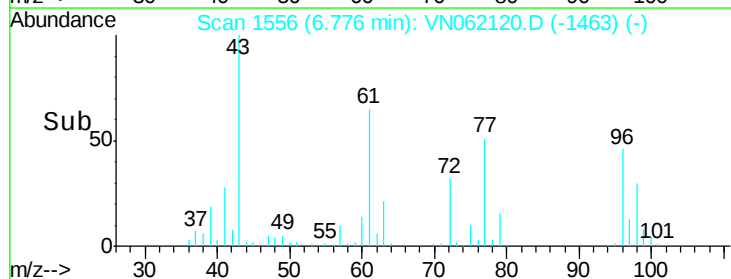
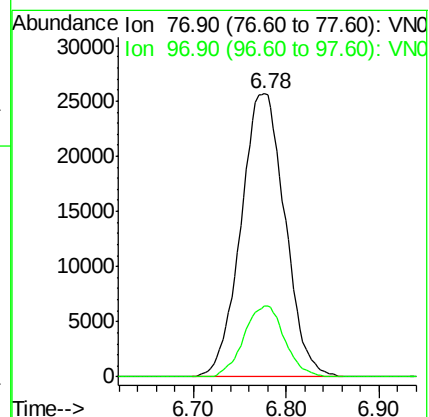
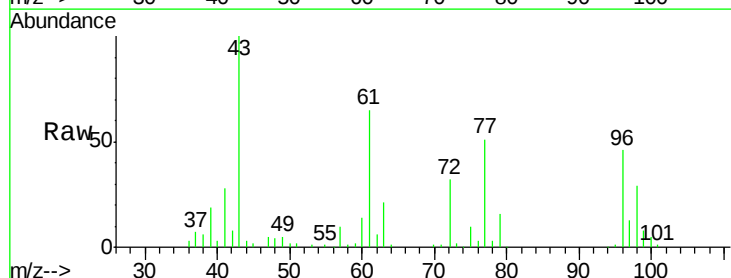
Acq: 25 Jun 2020 18:54

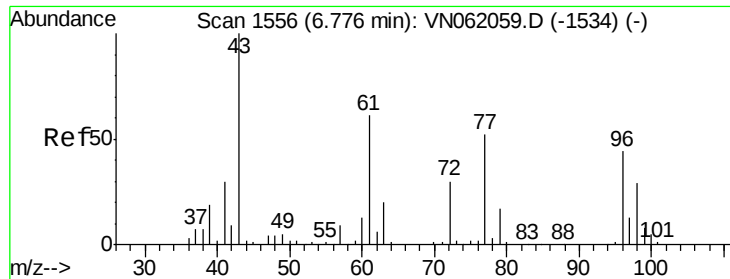
Tgt Ion: 77 Resp: 84806

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 17.698 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBSD01

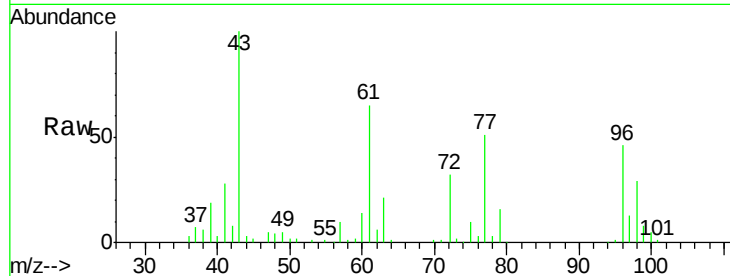
Tgt Ion: 96 Resp: 69554

Ion Ratio Lower Upper

96 100

61 137.3 0.0 280.4

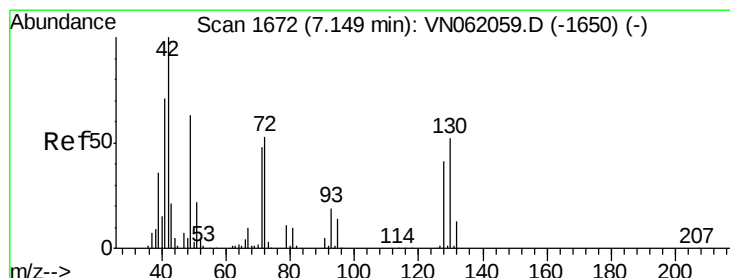
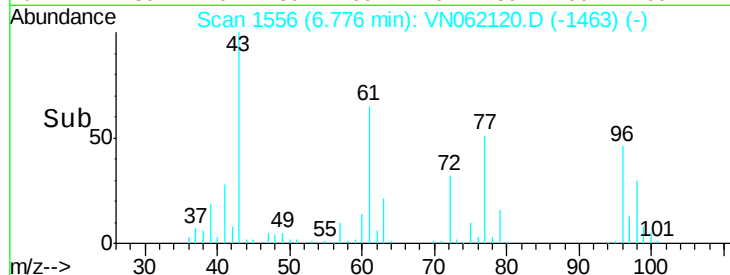
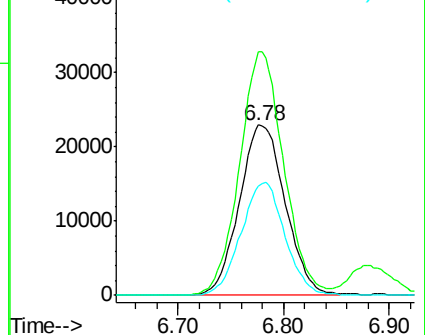
98 63.4 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062120.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062120.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062120.D (-1463) (-)



#28

Bromochloromethane

Concen: 16.951 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

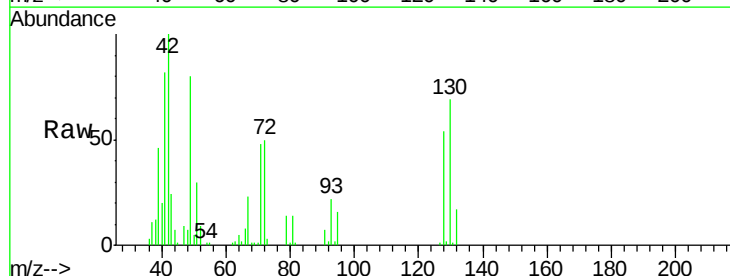
Tgt Ion: 49 Resp: 45010

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

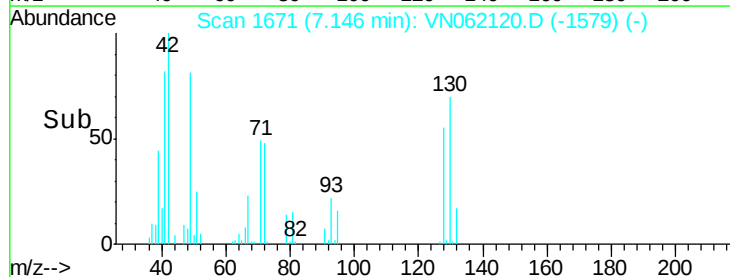
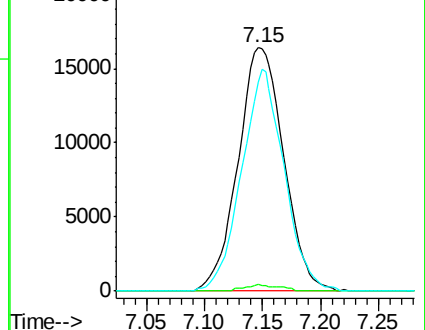
130 84.8 65.5 98.3

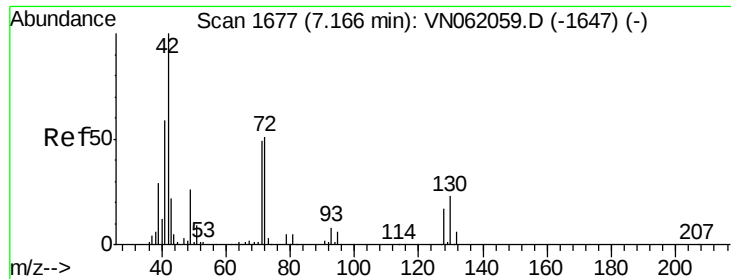


Abundance Ion 48.90 (48.60 to 49.60): VN062120.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062120.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062120.D (-1579) (-)

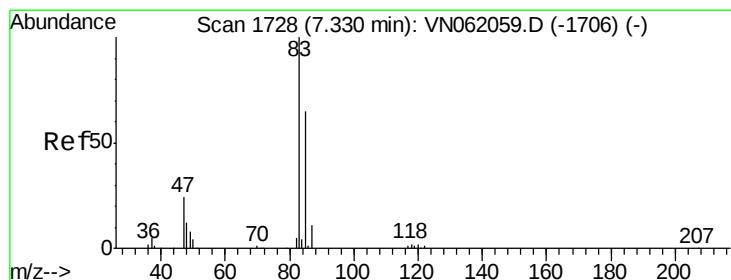
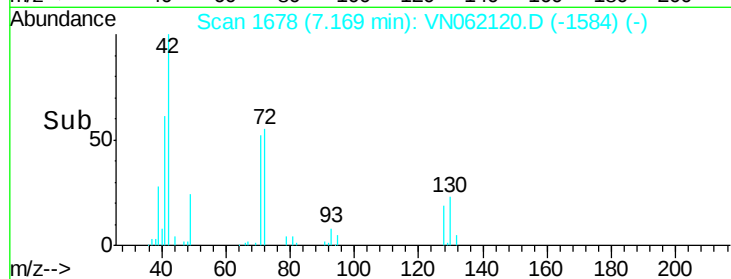
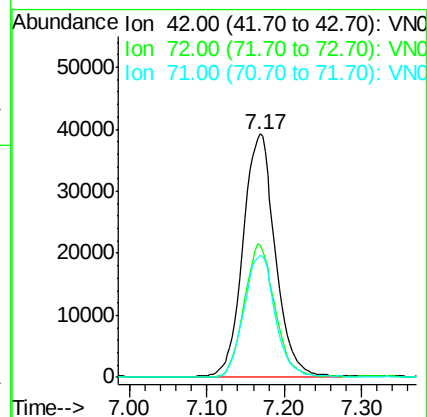
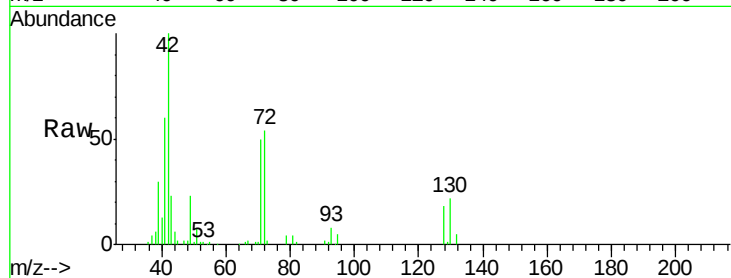




#29
Tetrahydrofuran
Concen: 95.480 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

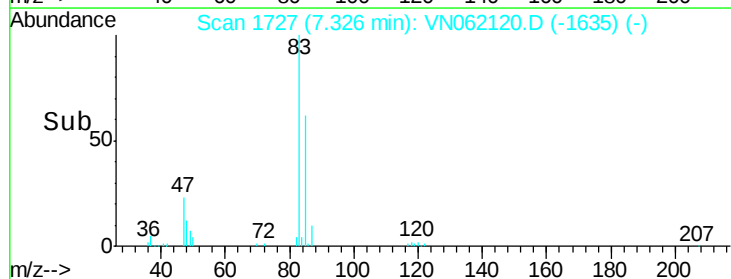
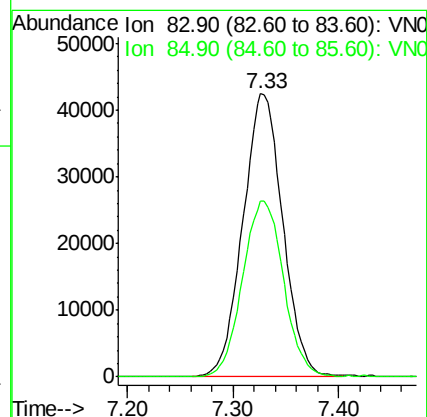
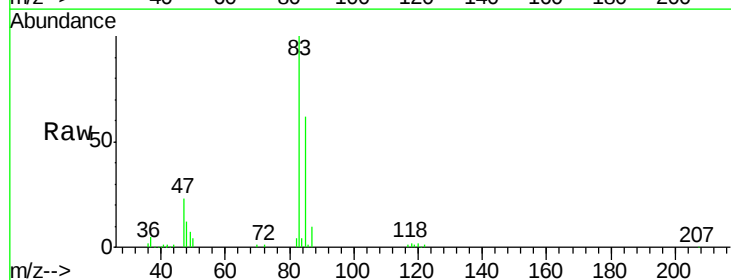
Instrument :
MSVOA_N
ClientSampled :
VN0625MBSD01

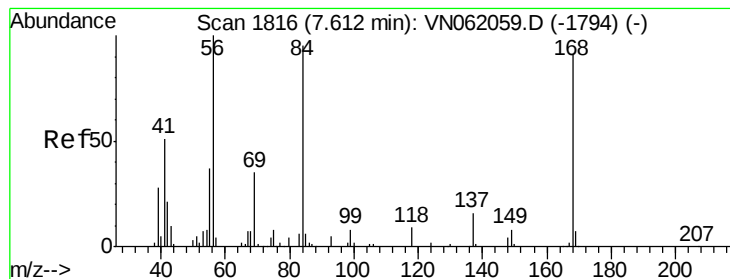
Tgt Ion: 42 Resp: 114547
Ion Ratio Lower Upper
42 100
72 51.7 41.1 61.7
71 48.5 38.2 57.4



#30
Chloroform
Concen: 17.948 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

Tgt Ion: 83 Resp: 111756
Ion Ratio Lower Upper
83 100
85 61.9 52.3 78.5





#31

Cyclohexane

Concen: 17.958 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBSD01

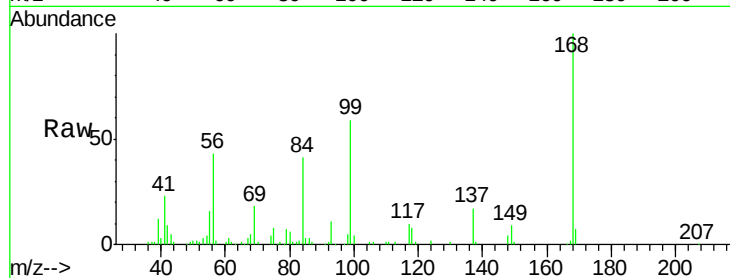
Tgt Ion: 56 Resp: 92966

Ion Ratio Lower Upper

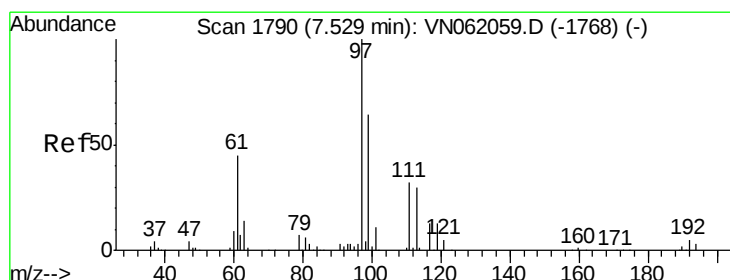
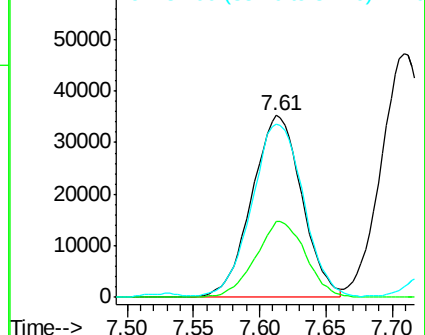
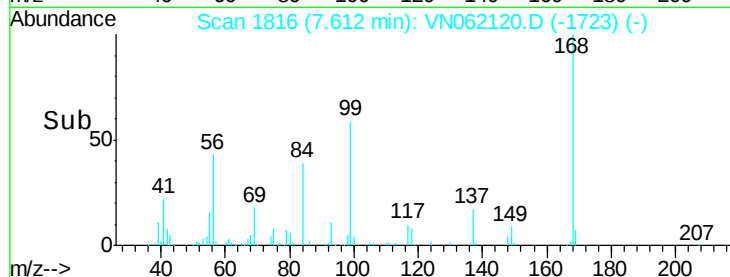
56 100

69 41.4 28.0 42.0

84 93.8 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062120.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 17.922 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

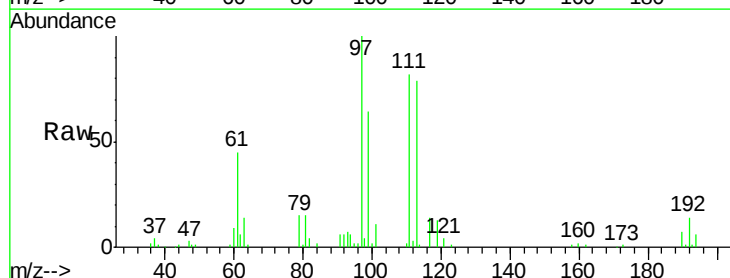
Tgt Ion: 97 Resp: 94111

Ion Ratio Lower Upper

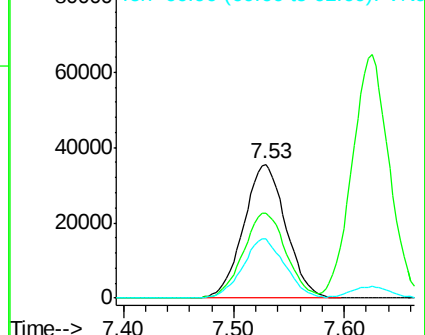
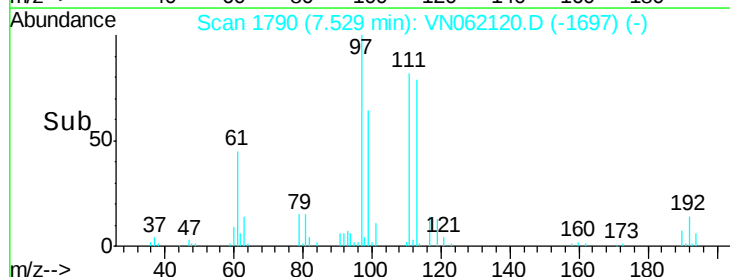
97 100

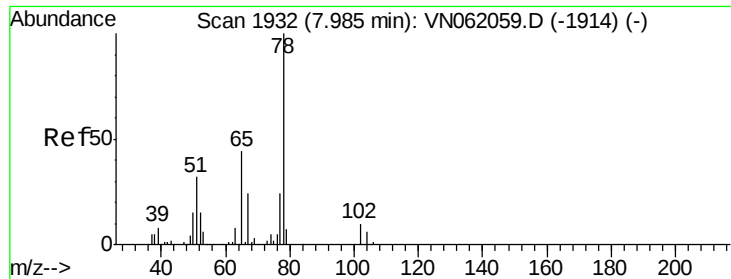
99 64.5 51.0 76.4

61 44.4 36.2 54.2



Abundance Ion 96.90 (96.60 to 97.60): VN062120.D (-1697) (-)

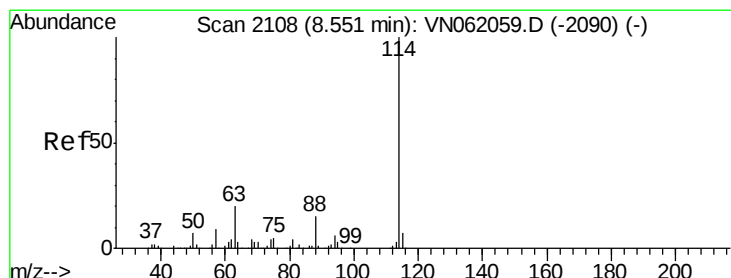
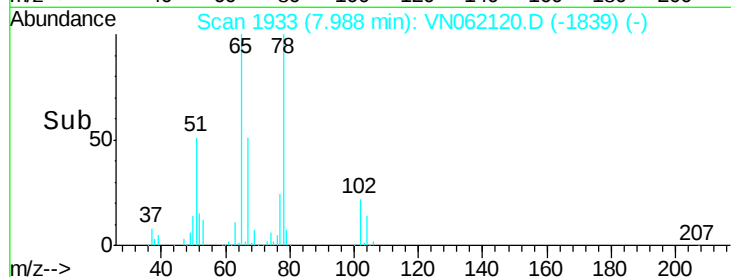
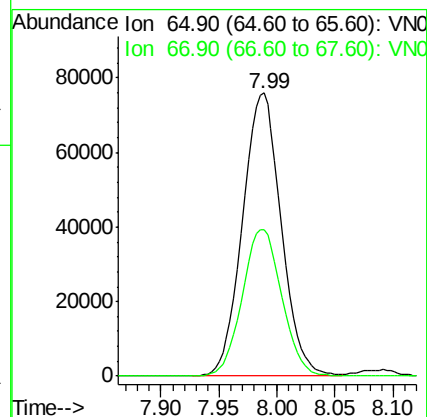
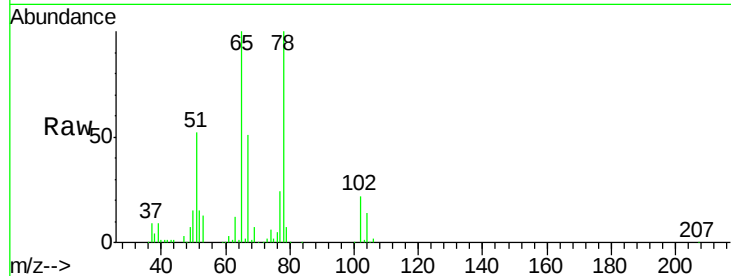




#33
 1,2-Dichloroethane-d4
 Concen: 47.040 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

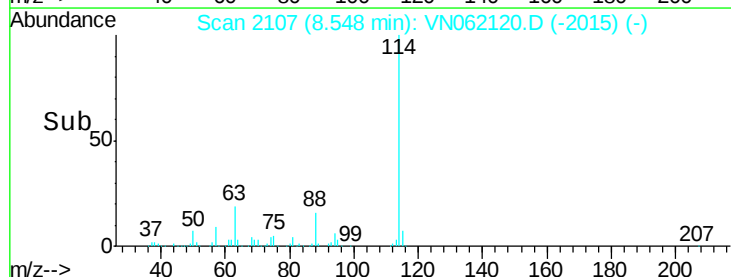
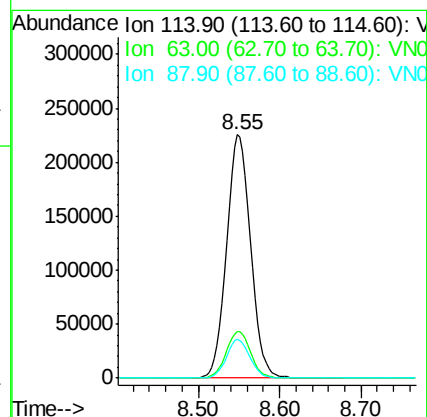
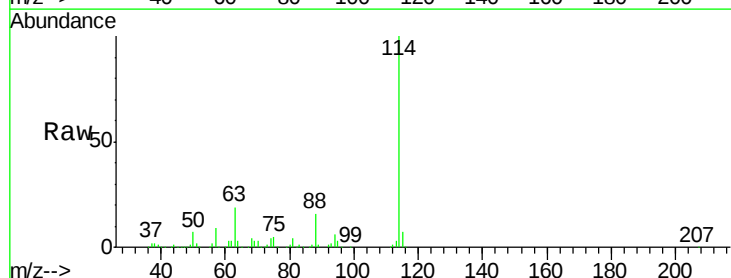
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBSD01

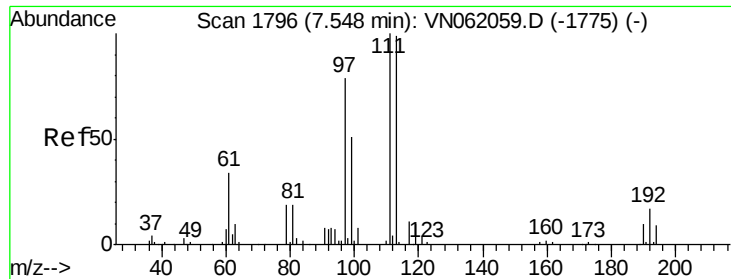
Tgt Ion: 65 Resp: 176256
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

Tgt Ion: 114 Resp: 471551
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.9 0.0 30.8

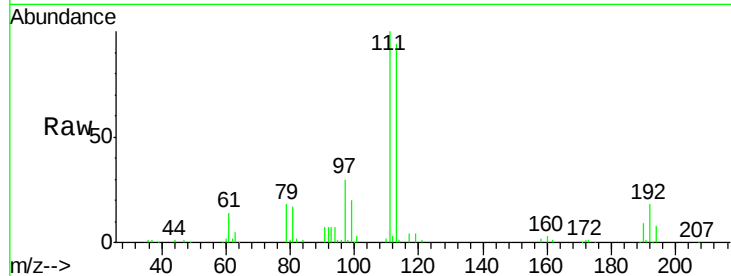




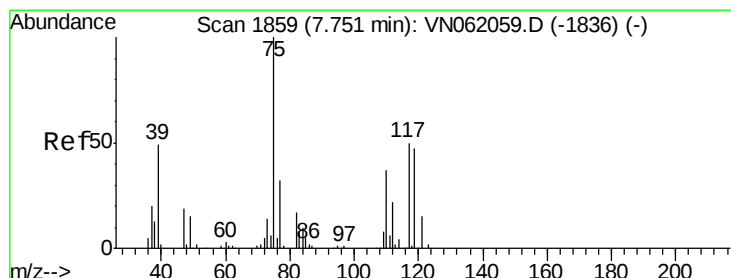
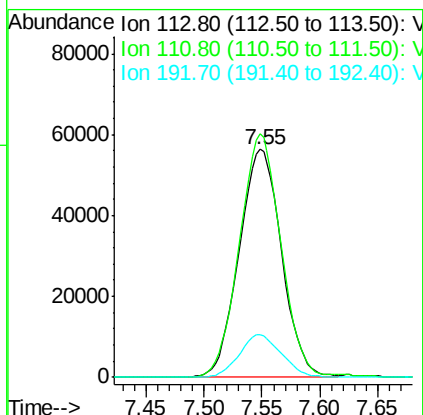
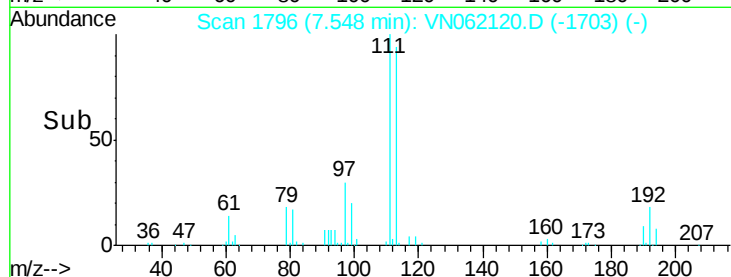
#35
 Dibromofluoromethane
 Concen: 47.460 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBSD01

Tgt Ion: 113 Resp: 143577
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.2 123.4
 192 18.5 14.0 21.0

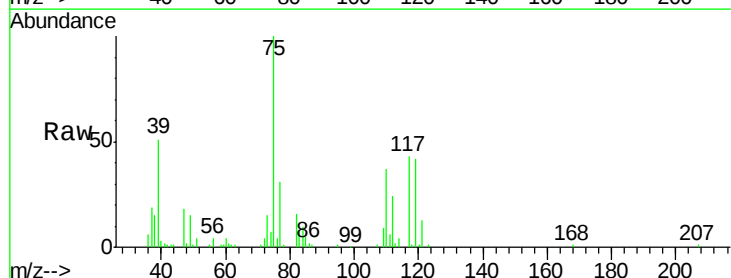


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

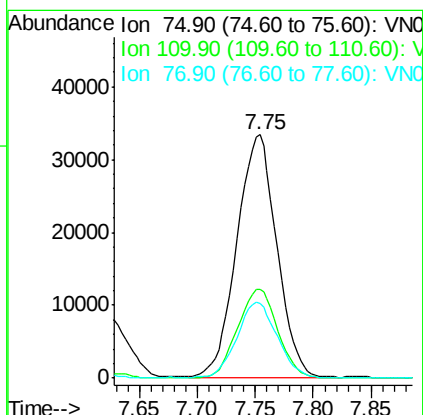
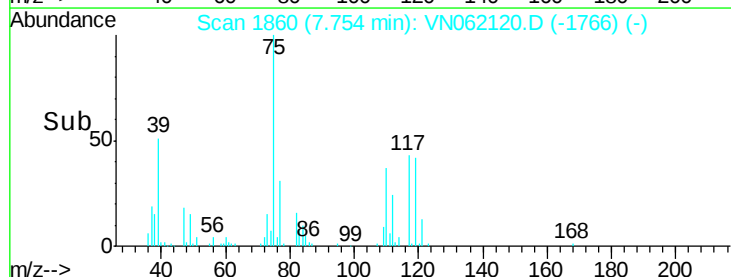


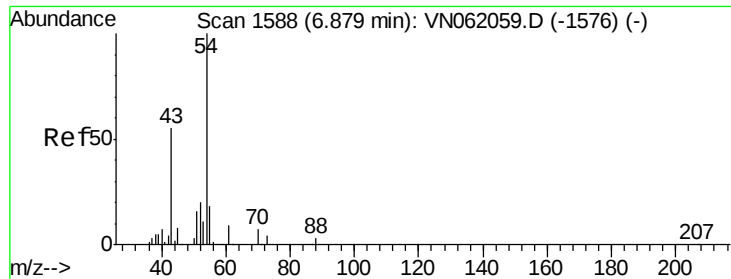
#36
 1,1-Dichloropropene
 Concen: 16.984 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

Tgt Ion: 75 Resp: 80501
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.9 53.8
 77 31.4 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

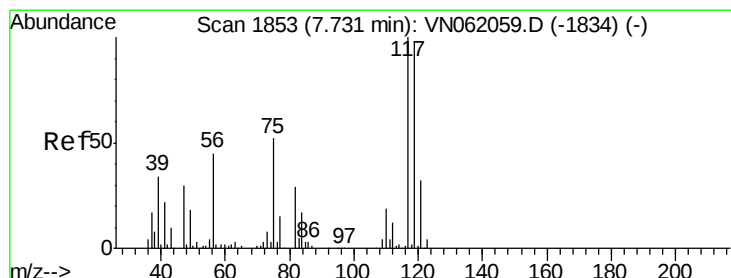
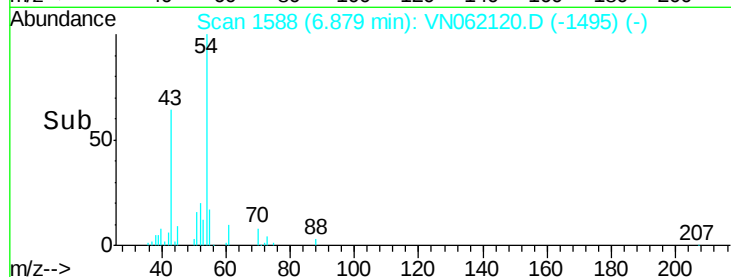
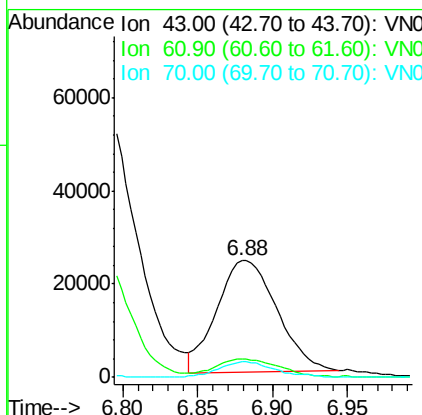
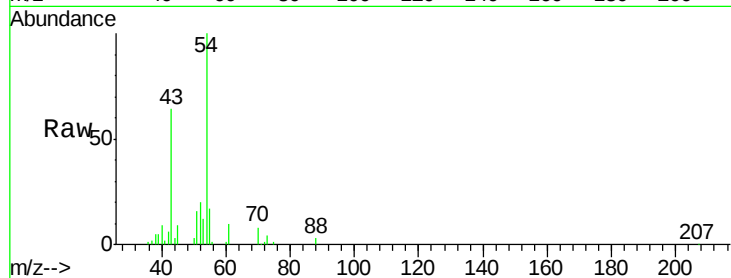




#37
 Ethyl Acetate
 Concen: 17.004 ug/l
 RT: 6.88 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

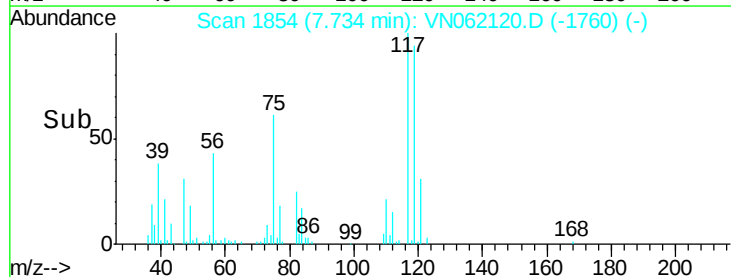
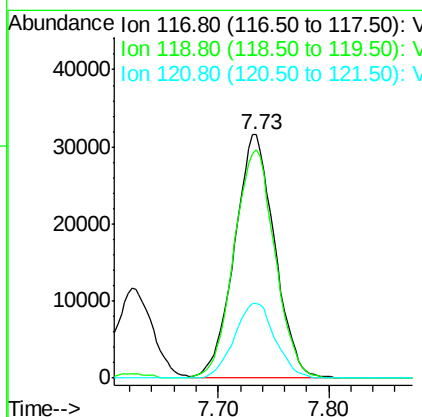
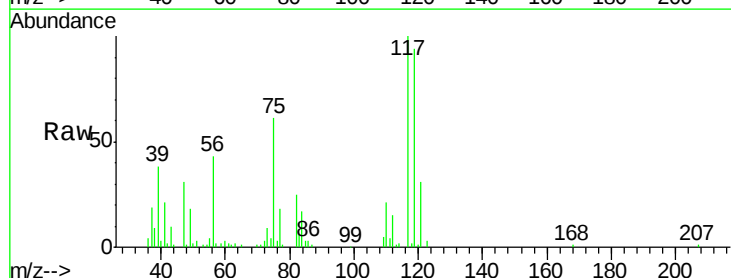
Instrument :
 MSVOA_N
 ClientSampled :
 VN0625MBSD01

Tgt Ion: 43 Resp: 66737
 Ion Ratio Lower Upper
 43 100
 61 16.8 12.0 18.0
 70 13.1 9.6 14.4



#38
 Carbon Tetrachloride
 Concen: 17.805 ug/l
 RT: 7.73 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

Tgt Ion: 117 Resp: 79562
 Ion Ratio Lower Upper
 117 100
 119 93.9 78.2 117.2
 121 30.9 25.8 38.6

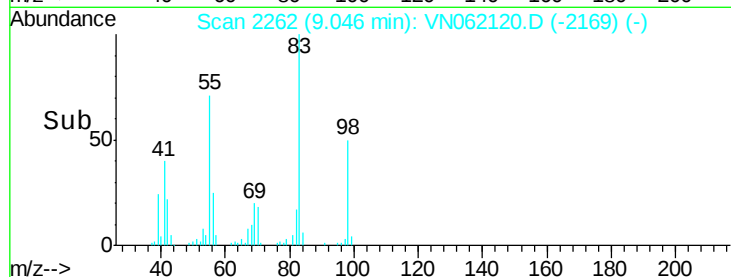
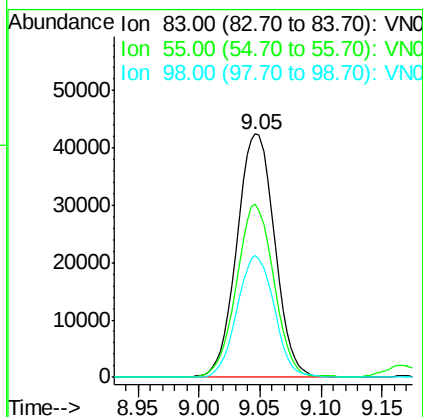
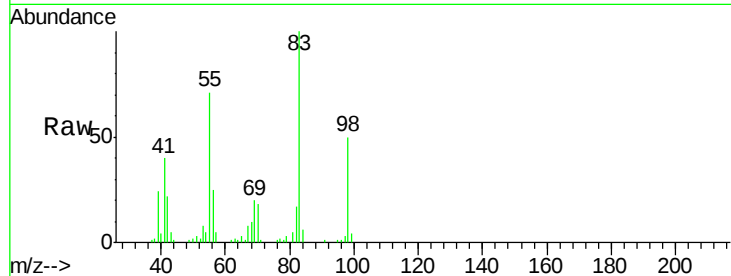




#39
Methylcyclohexane
Concen: 17.555 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

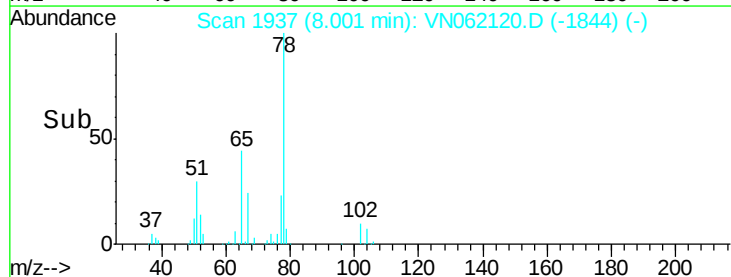
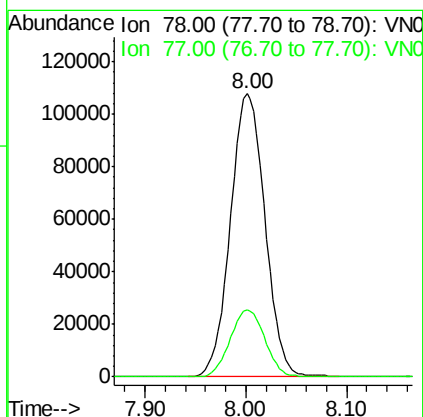
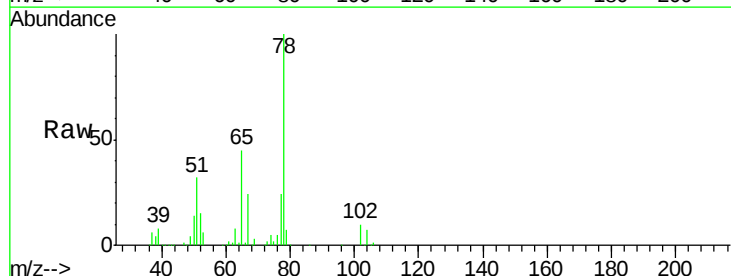
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBSD01

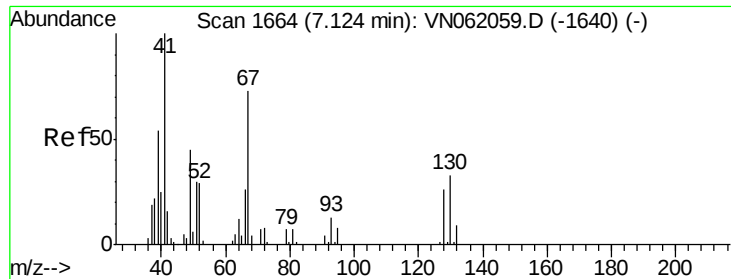
Tgt Ion: 83 Resp: 91167
Ion Ratio Lower Upper
83 100
55 71.2 57.0 85.6
98 50.0 39.0 58.6



#40
Benzene
Concen: 17.780 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

Tgt Ion: 78 Resp: 256862
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3

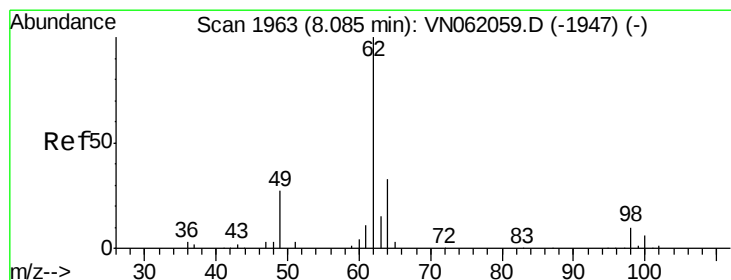
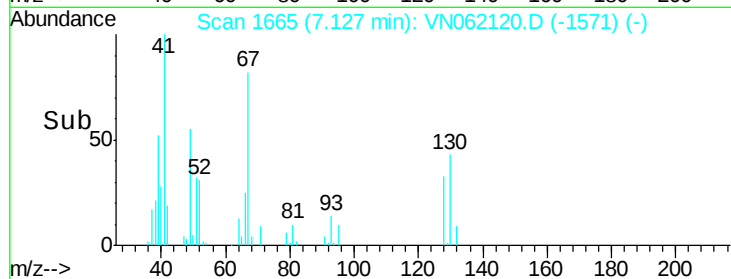
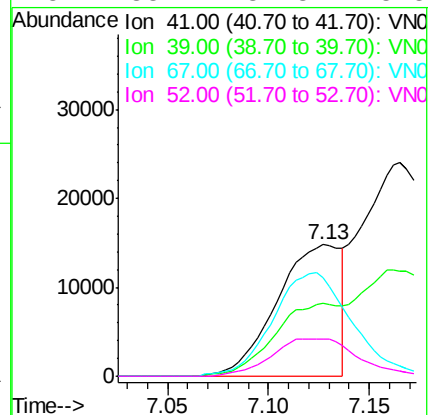
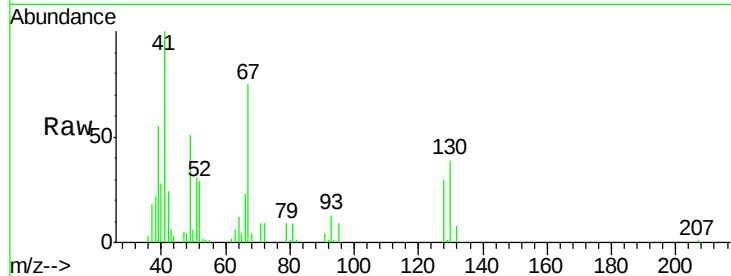




#41
Methacrylonitrile
Concen: 17.977 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

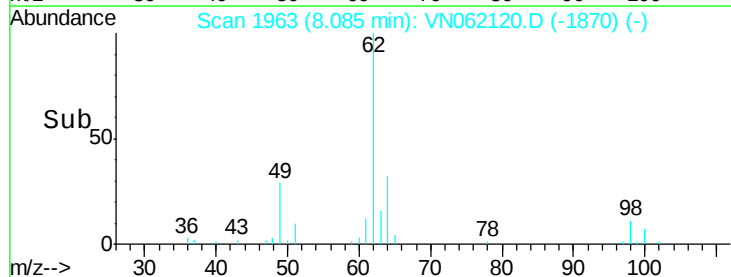
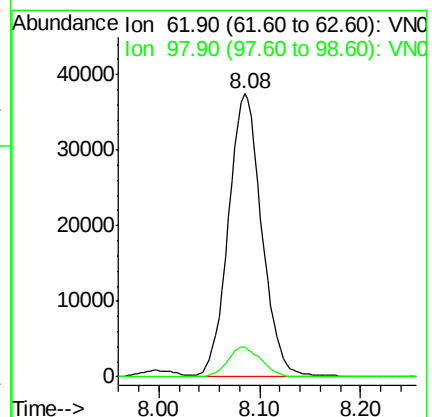
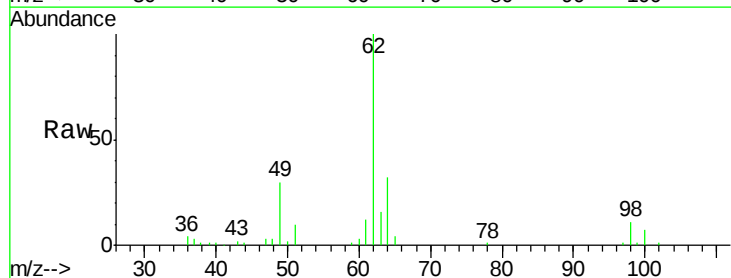
Instrument :
MSVOA_N
ClientSampled :
VN0625MBSD01

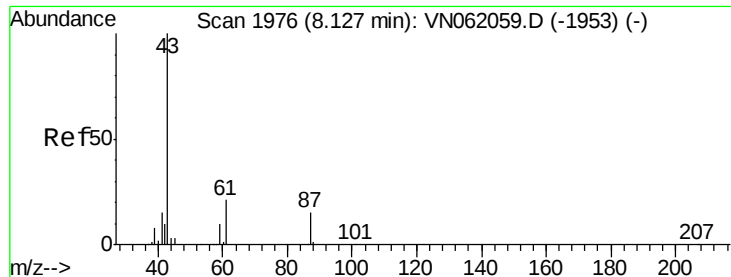
Tgt Ion:	41	Resp:	32711
Ion	Ratio	Lower	Upper
41	100		
39	56.9	44.2	66.2
67	98.2	79.5	119.3
52	38.7	32.3	48.5



#42
1,2-Dichloroethane
Concen: 17.692 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

Tgt Ion:	62	Resp:	86356
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.8





#43

Isopropyl Acetate

Concen: 19.158 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBSD01

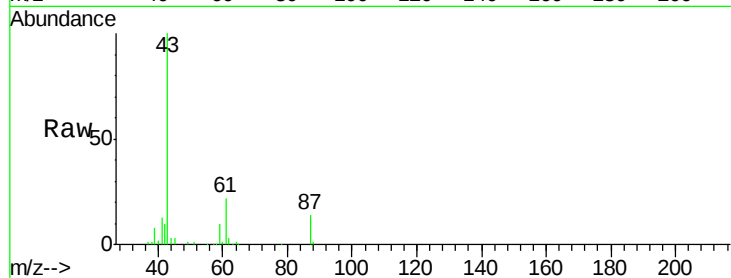
Tgt Ion: 43 Resp: 122573

Ion Ratio Lower Upper

43 100

61 21.9 17.2 25.8

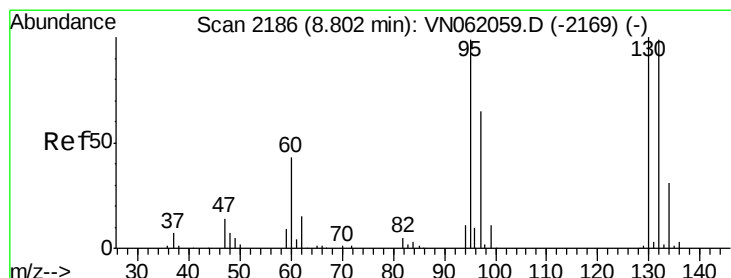
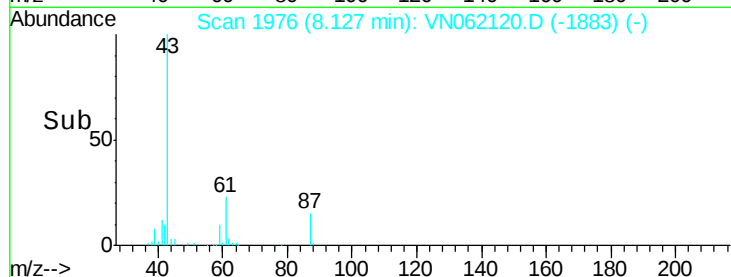
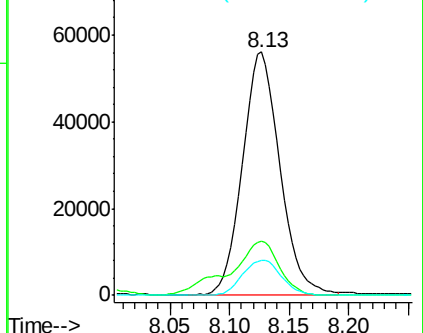
87 15.1 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062120.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062120.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062120.D (-1883) (-)



#44

Trichloroethene

Concen: 17.844 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062120.D

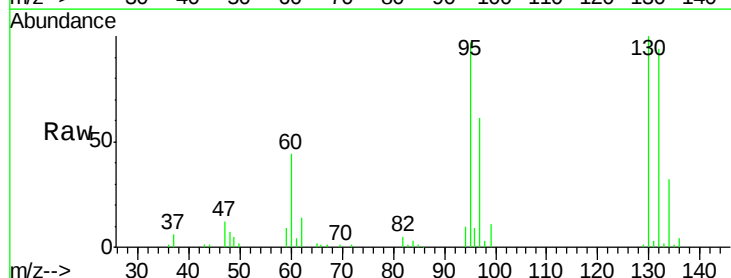
Acq: 25 Jun 2020 18:54

Tgt Ion: 130 Resp: 65028

Ion Ratio Lower Upper

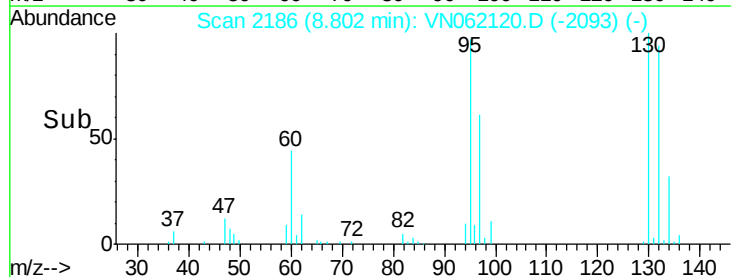
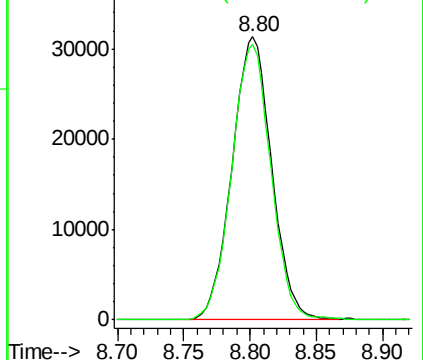
130 100

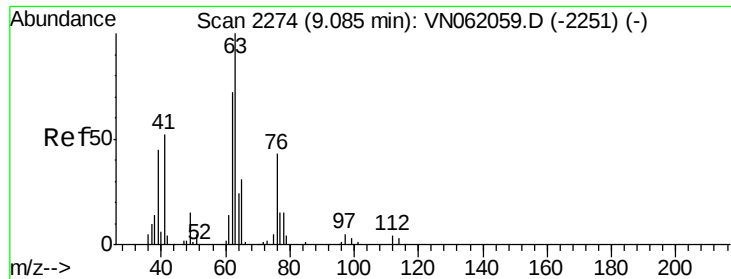
95 97.4 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062120.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062120.D (-2093) (-)

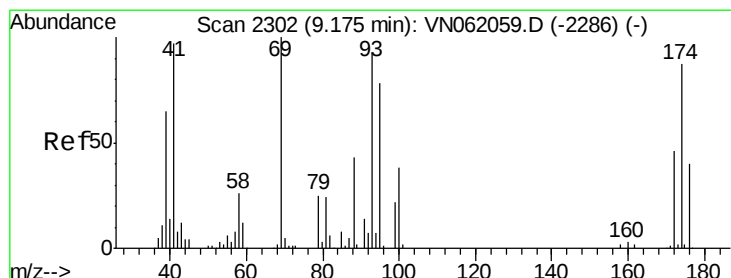
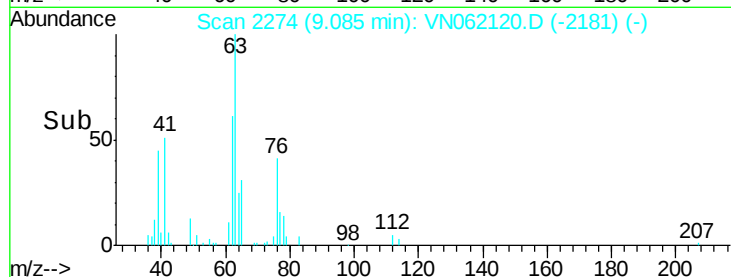
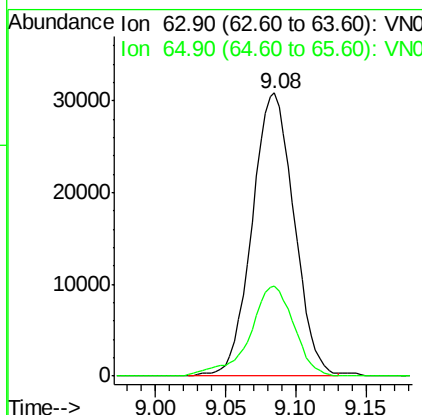
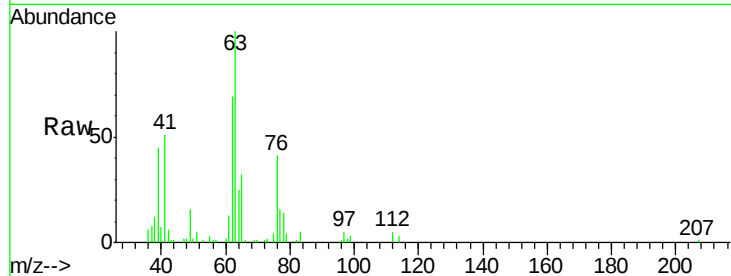




#45
 1,2-Dichloropropane
 Concen: 18.005 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

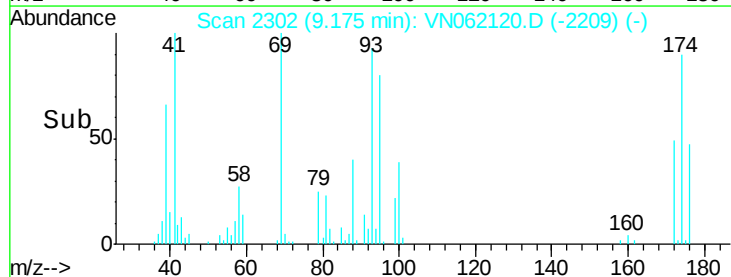
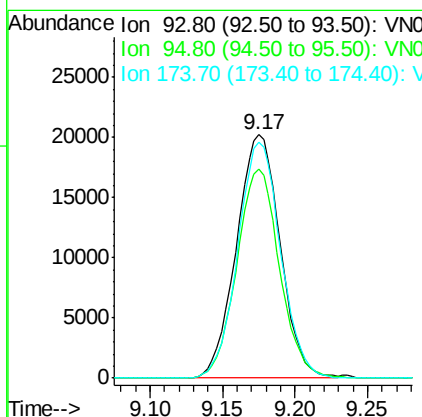
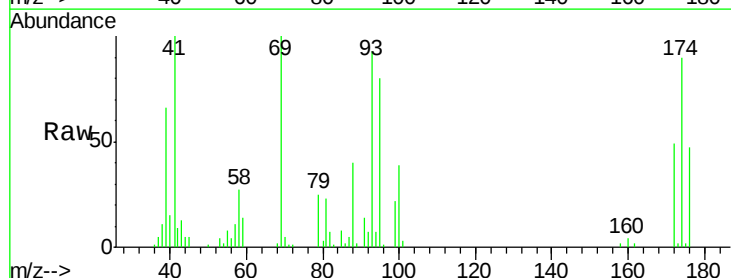
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBSD01

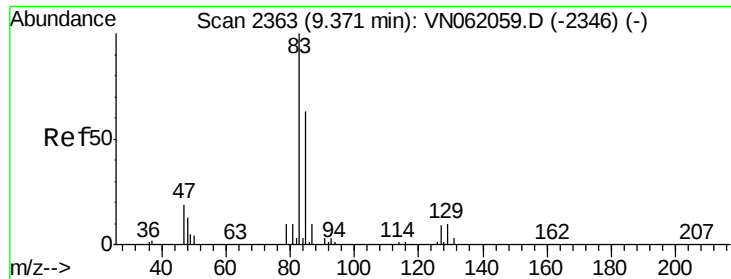
Tgt Ion: 63 Resp: 64171
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.0 37.4



#46
 Dibromomethane
 Concen: 17.565 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

Tgt Ion: 93 Resp: 42445
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.0 100.6
 174 94.7 74.4 111.6





#47

Bromodichloromethane

Concen: 17.615 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBSD01

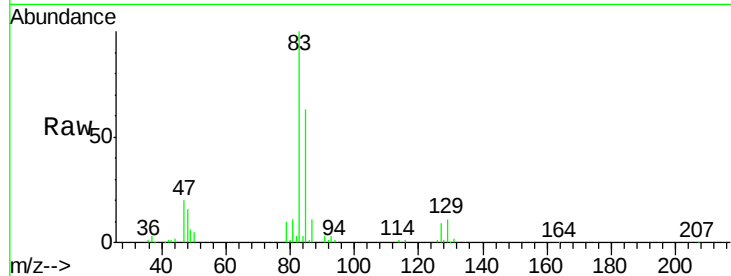
Tgt Ion: 83 Resp: 85946

Ion Ratio Lower Upper

83 100

85 63.4 50.3 75.5

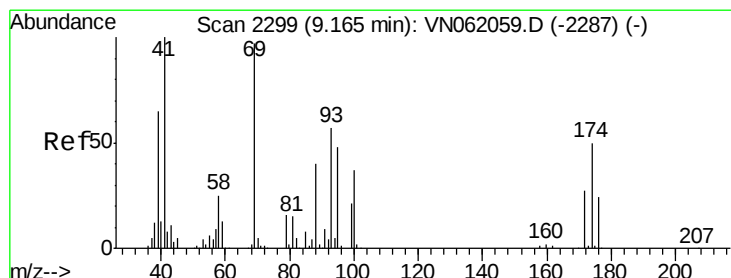
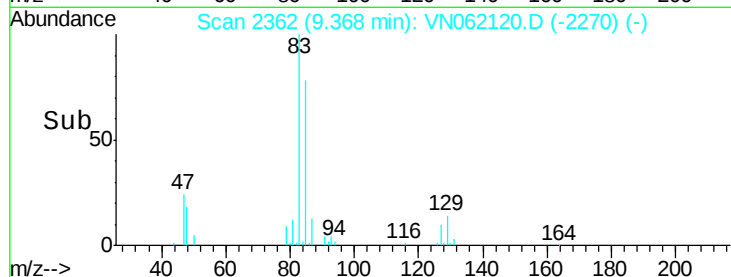
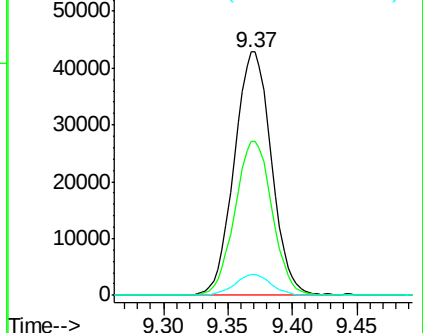
127 8.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062120.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062120.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062120.D (-2270) (-)



#48

Methyl methacrylate

Concen: 18.144 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

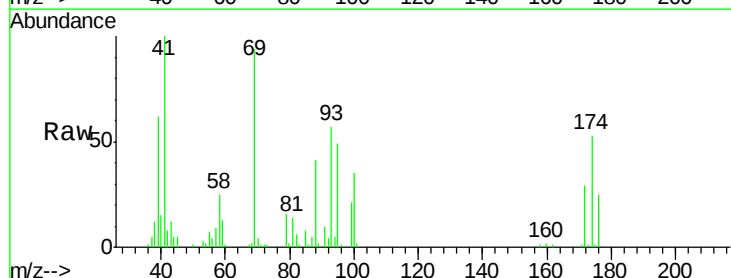
Tgt Ion: 41 Resp: 52049

Ion Ratio Lower Upper

41 100

69 100.2 80.7 121.1

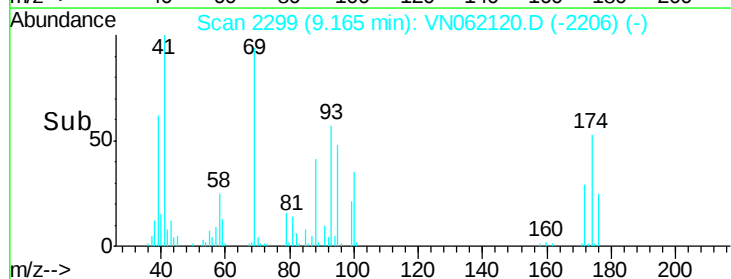
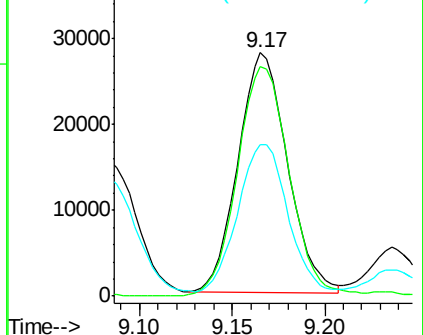
39 61.7 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062120.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062120.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062120.D (-2206) (-)





#49

1,4-Dioxane

Concen: 377.963 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBSD01

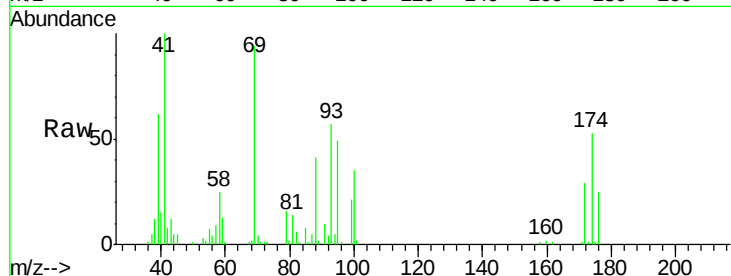
Tgt Ion: 88 Resp: 24045

Ion Ratio Lower Upper

88 100

43 26.5 22.0 33.0

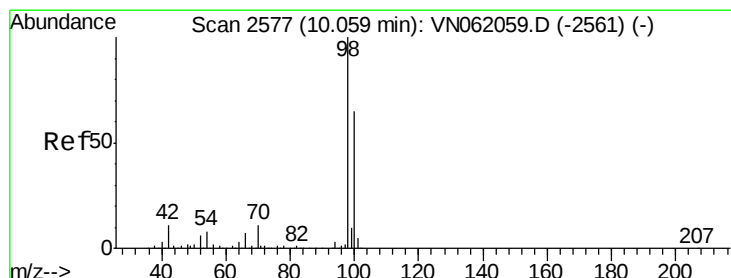
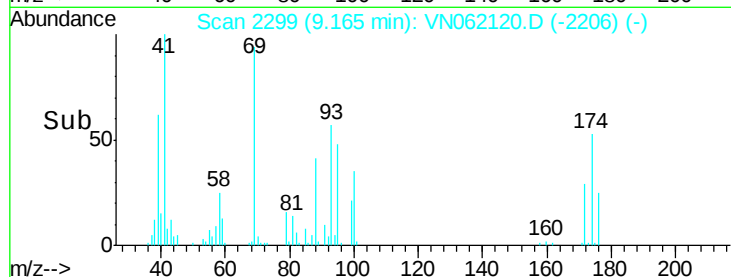
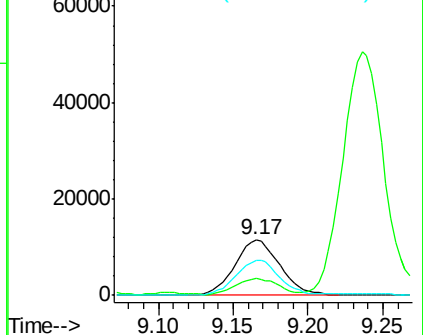
58 61.7 49.2 73.8



Abundance Ion 88.00 (87.70 to 88.70): VN062120.D (-2206) (-)

Ion 43.00 (42.70 to 43.70): VN062120.D (-2206) (-)

Ion 58.00 (57.70 to 58.70): VN062120.D (-2206) (-)



#50

Toluene-d8

Concen: 47.441 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062120.D

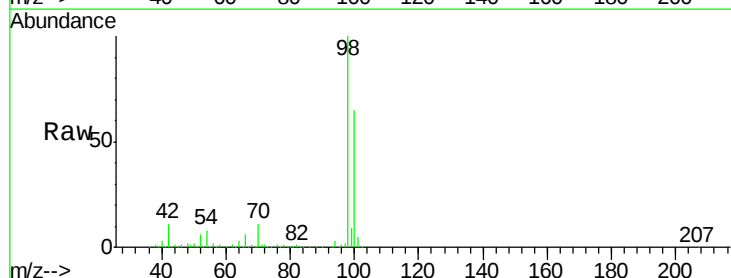
Acq: 25 Jun 2020 18:54

Tgt Ion: 98 Resp: 573697

Ion Ratio Lower Upper

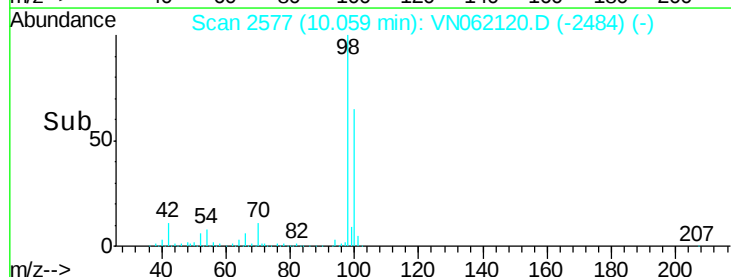
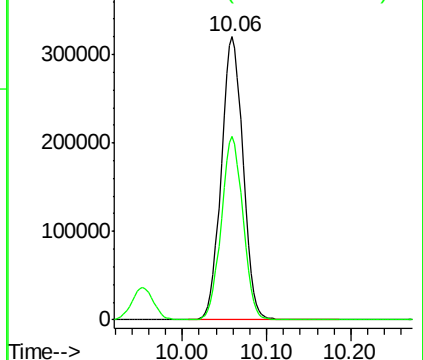
98 100

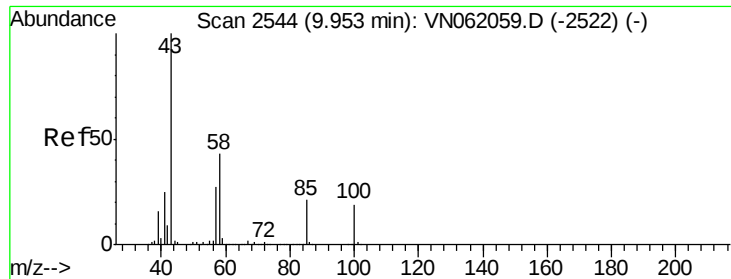
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062120.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN062120.D (-2484) (-)

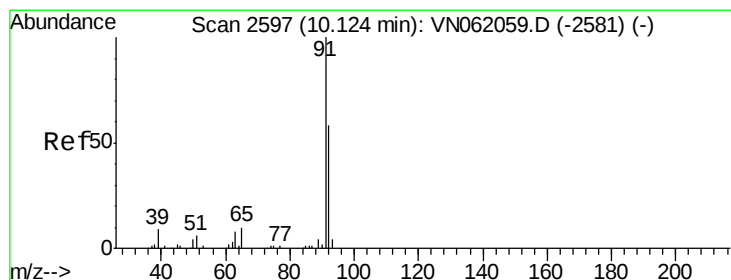
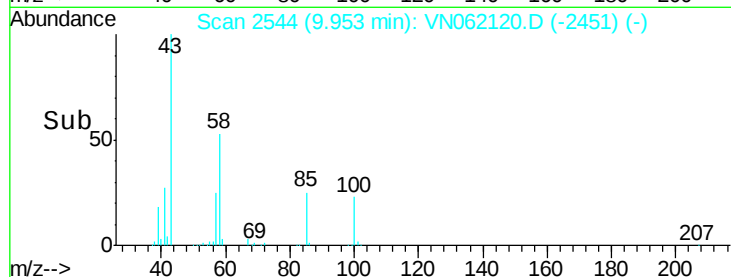
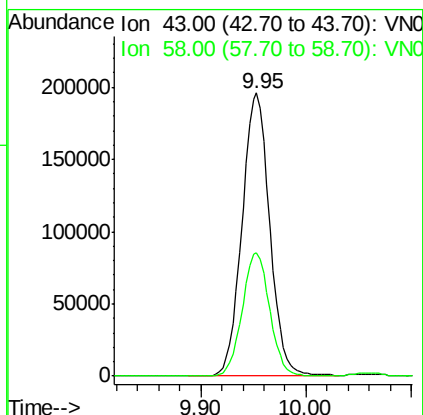
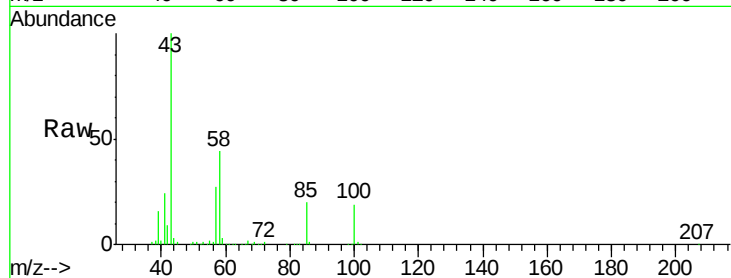




#51
 4-Methyl-2-Pentanone
 Concen: 95.465 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

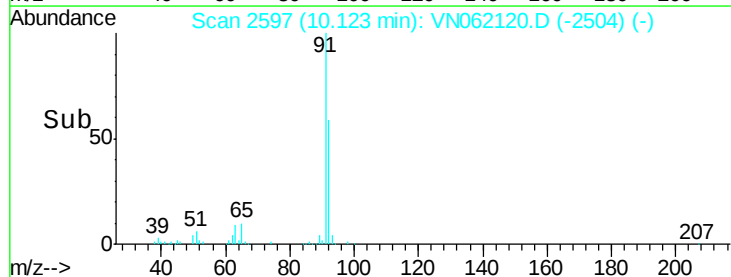
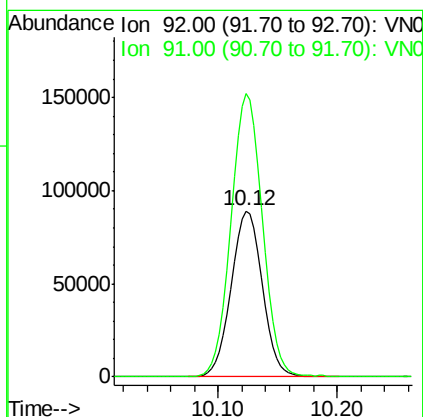
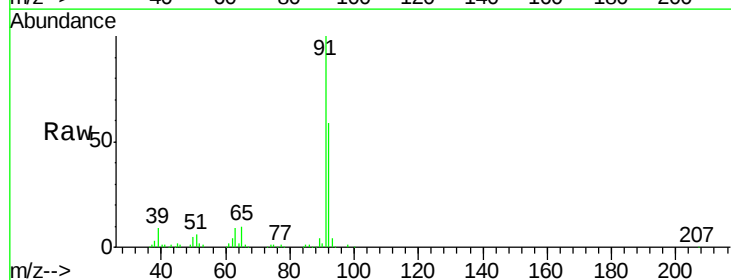
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBSD01

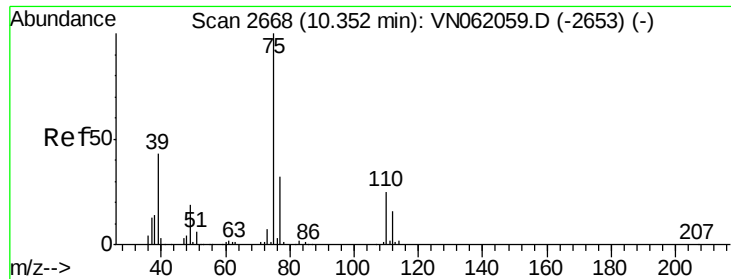
Tgt Ion: 43 Resp: 356858
 Ion Ratio Lower Upper
 43 100
 58 43.2 34.2 51.2



#52
 Toluene
 Concen: 18.363 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

Tgt Ion: 92 Resp: 161864
 Ion Ratio Lower Upper
 92 100
 91 172.0 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 17.390 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

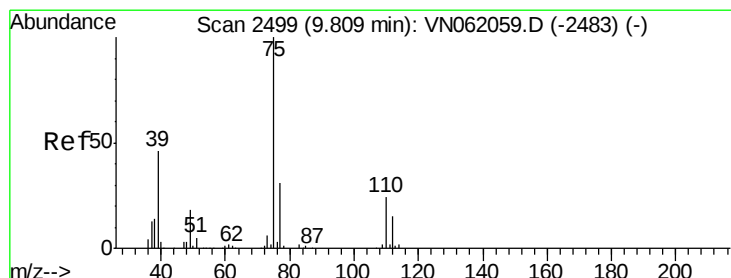
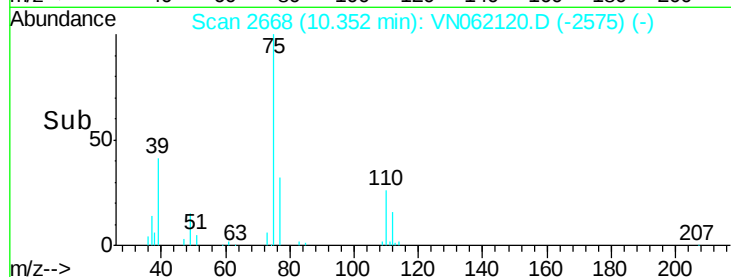
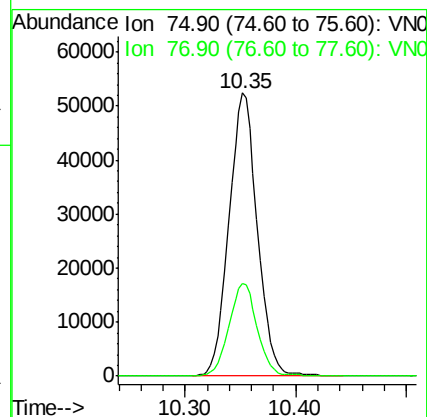
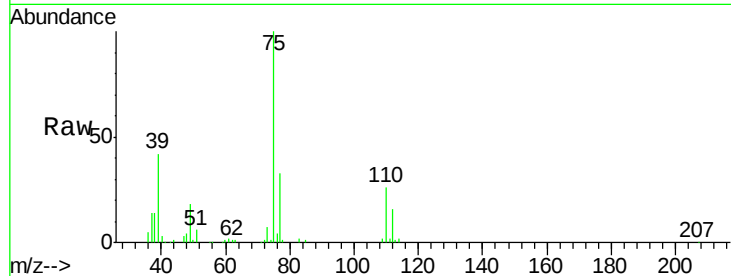
VN0625MBSD01

Tgt Ion: 75 Resp: 93351

Ion Ratio Lower Upper

75 100

77 32.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.035 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

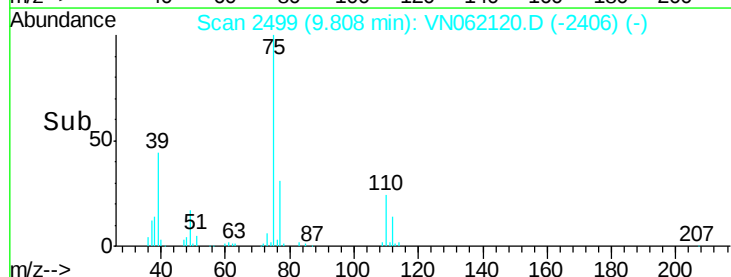
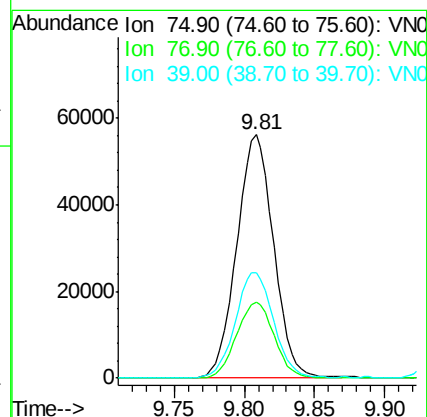
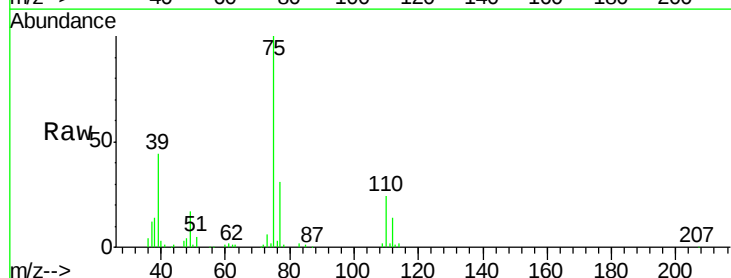
Tgt Ion: 75 Resp: 103069

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 43.5 36.9 55.3

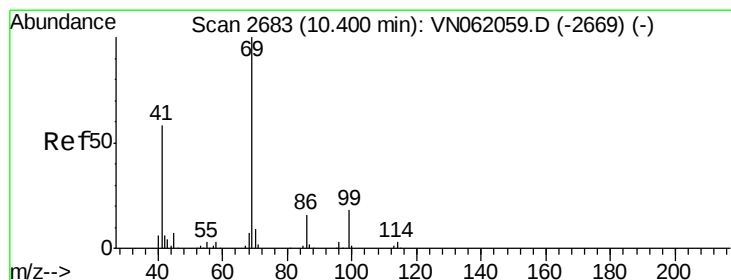
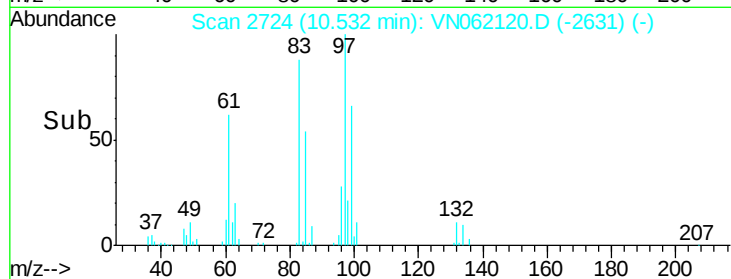
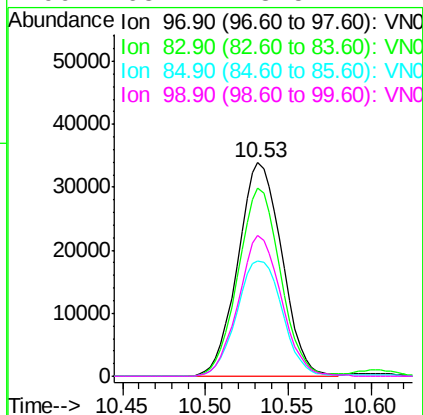
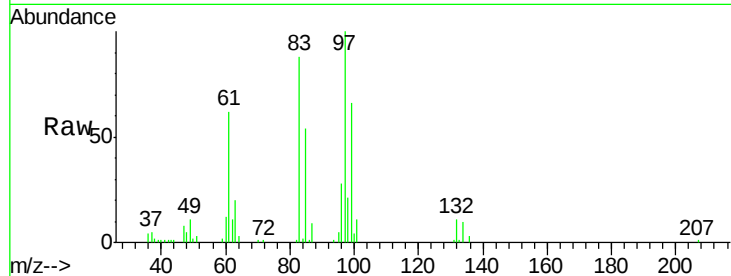




#55
 1,1,2-Trichloroethane
 Concen: 18.098 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

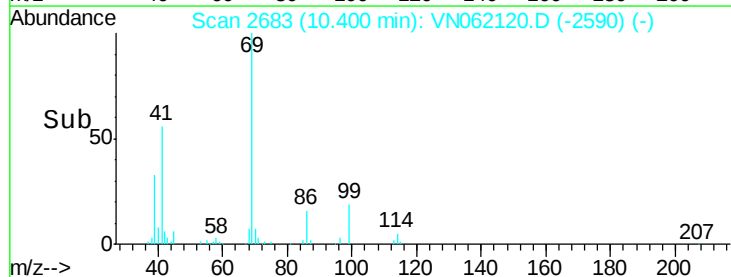
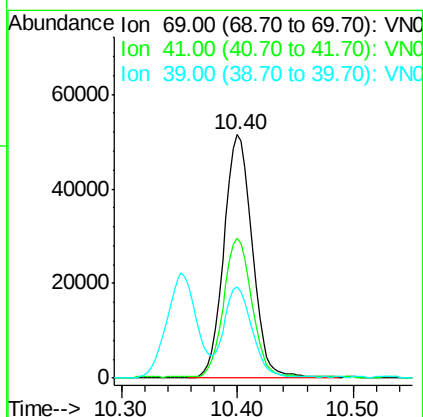
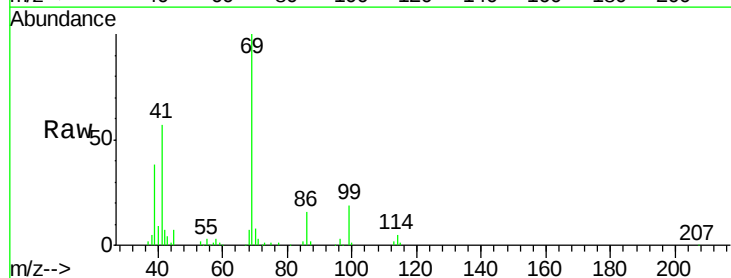
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBSD01

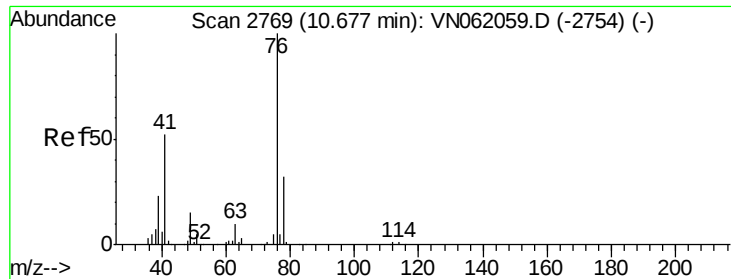
Tgt Ion:	97	Resp:	62709
Ion	Ratio	Lower	Upper
97	100		
83	88.2	68.2	102.2
85	54.2	43.2	64.8
99	65.7	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 18.993 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

Tgt Ion:	69	Resp:	87825
Ion	Ratio	Lower	Upper
69	100		
41	56.3	46.6	70.0
39	36.7	31.0	46.4

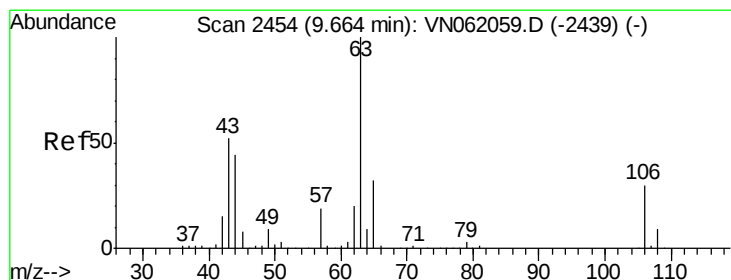
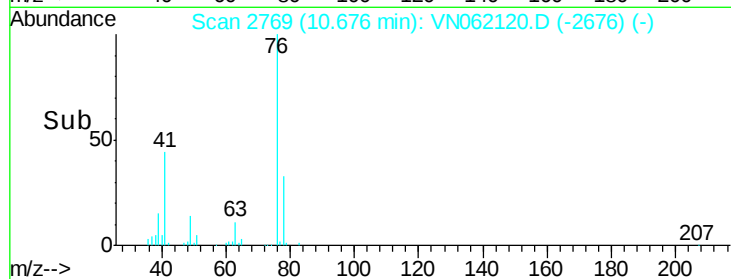
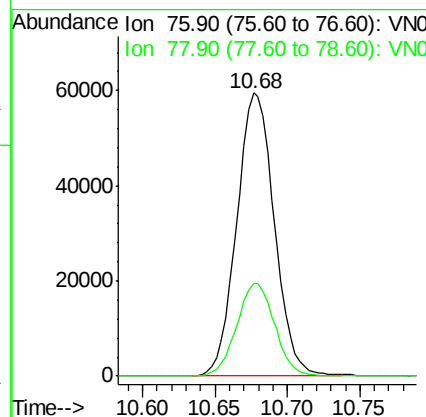
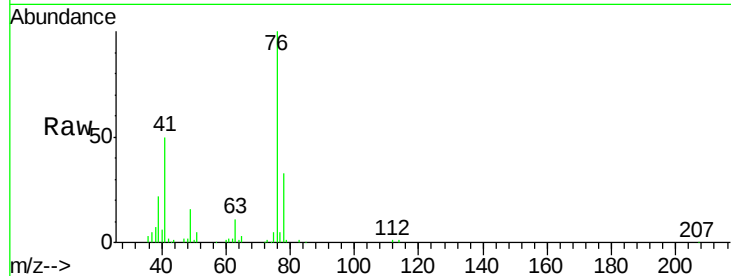




#57
 1,3-Dichloropropane
 Concen: 17.986 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

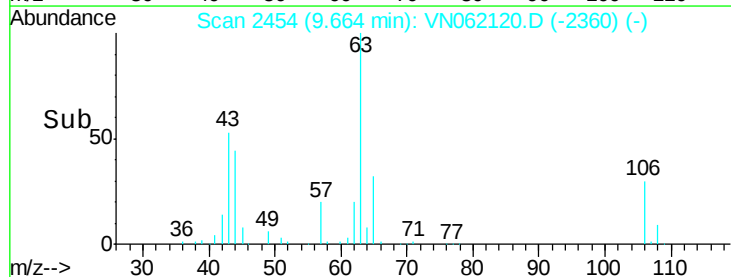
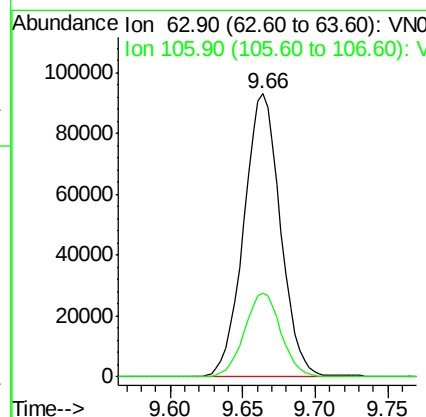
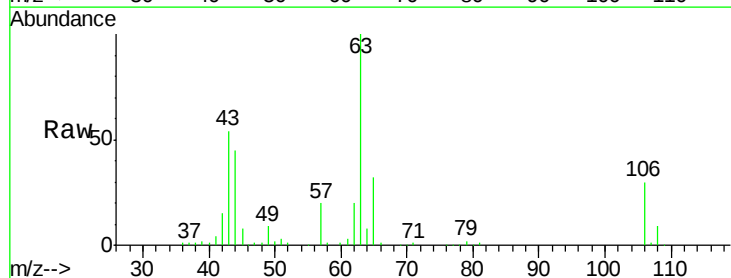
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBSD01

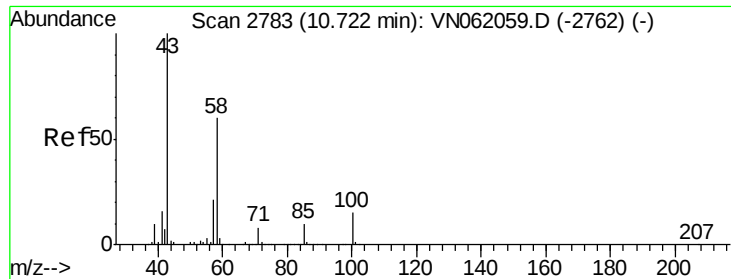
Tgt Ion: 76 Resp: 107270
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.025 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

Tgt Ion: 63 Resp: 163972
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.2 34.8

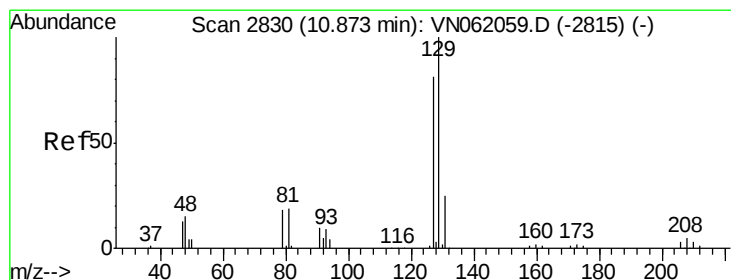
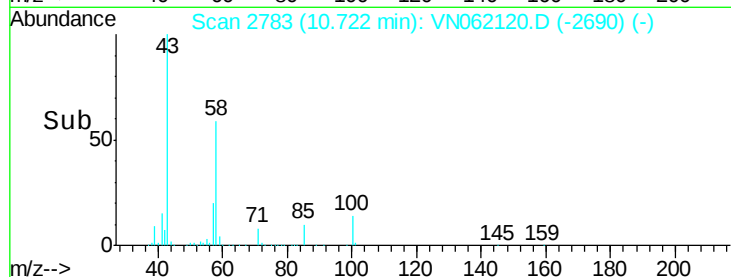
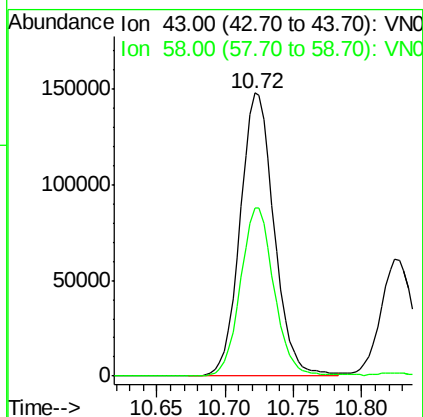
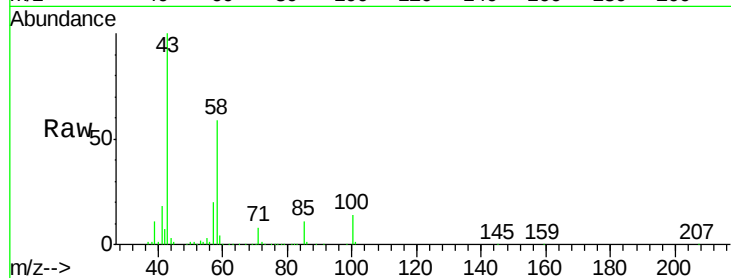




#59
2-Hexanone
Concen: 94.826 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

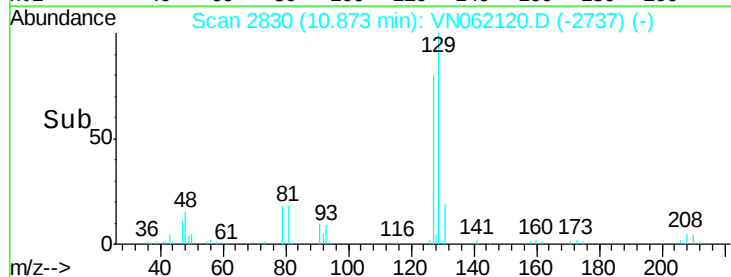
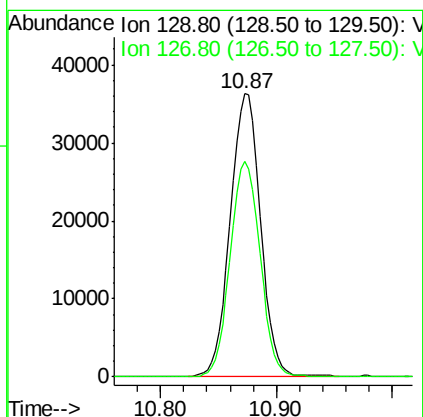
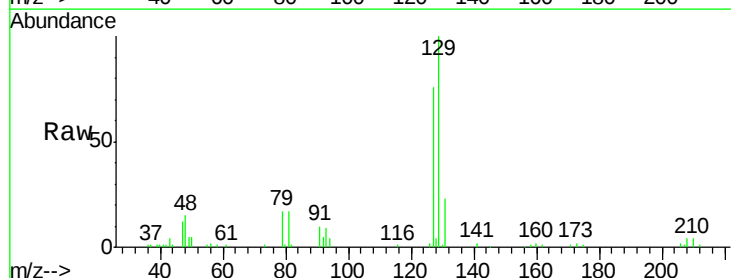
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBSD01

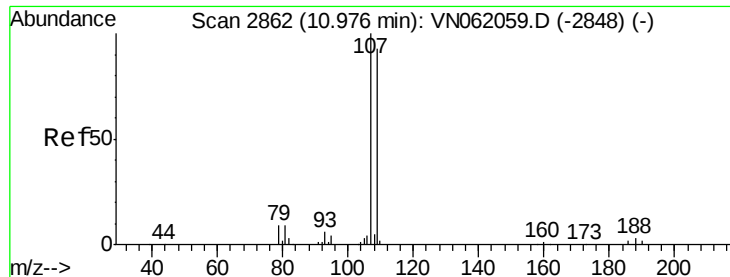
Tgt Ion: 43 Resp: 255963
Ion Ratio Lower Upper
43 100
58 58.7 29.5 88.5



#60
Dibromochloromethane
Concen: 17.979 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

Tgt Ion: 129 Resp: 65955
Ion Ratio Lower Upper
129 100
127 75.0 39.5 118.5

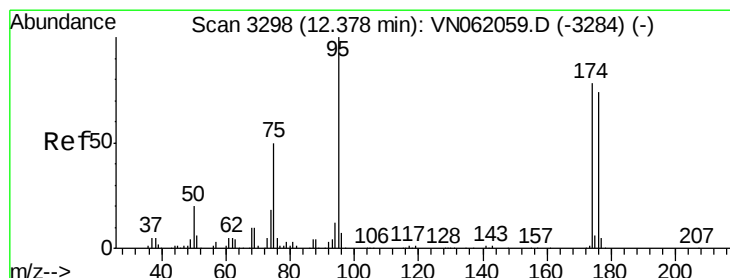
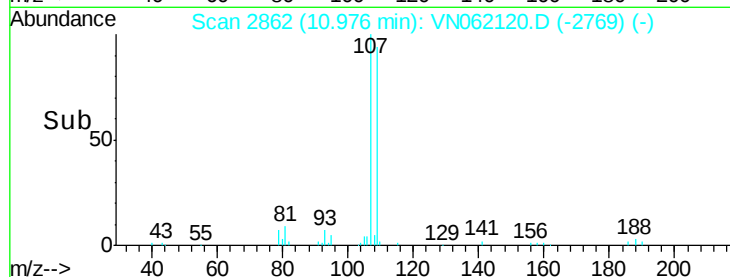
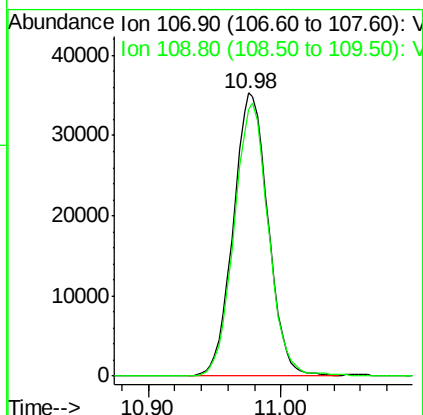
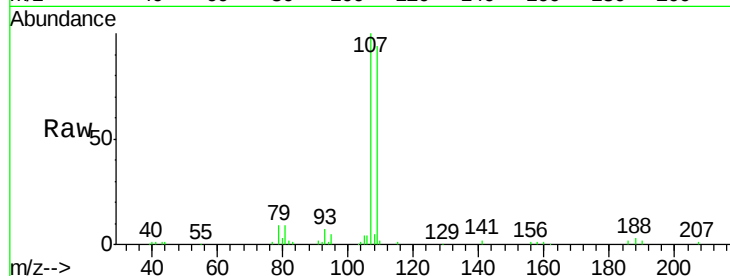




#61
 1,2-Dibromoethane
 Concen: 18.080 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

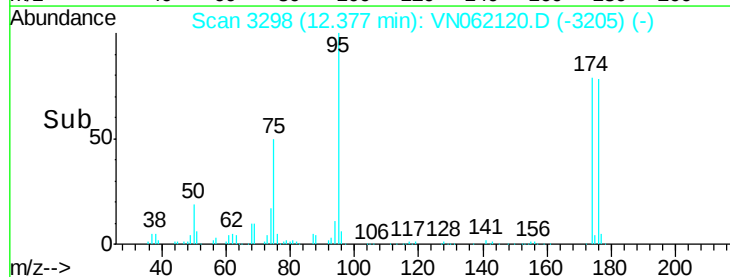
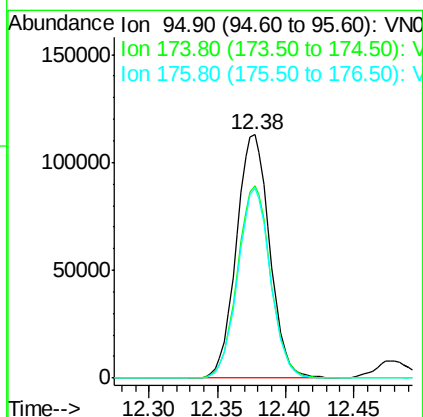
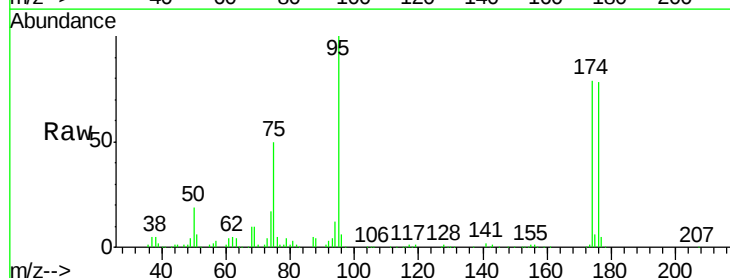
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBSD01

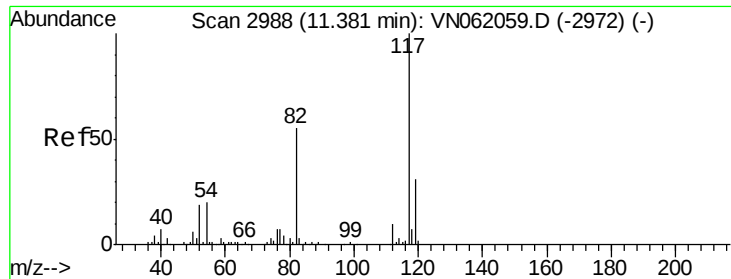
Tgt Ion: 107 Resp: 64371
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 46.906 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

Tgt Ion: 95 Resp: 191640
 Ion Ratio Lower Upper
 95 100
 174 78.7 0.0 154.8
 176 76.1 0.0 147.4

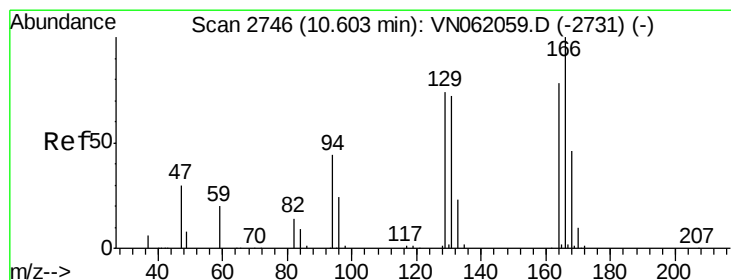
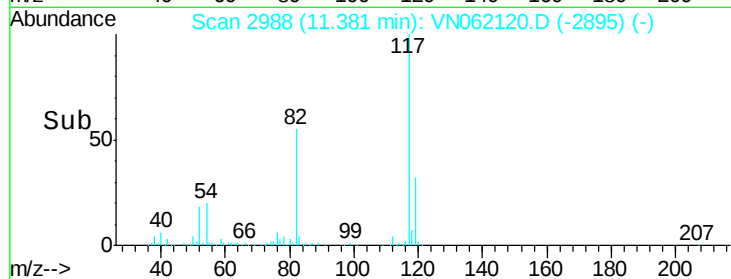
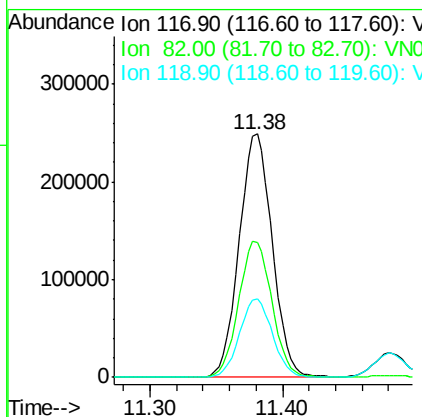
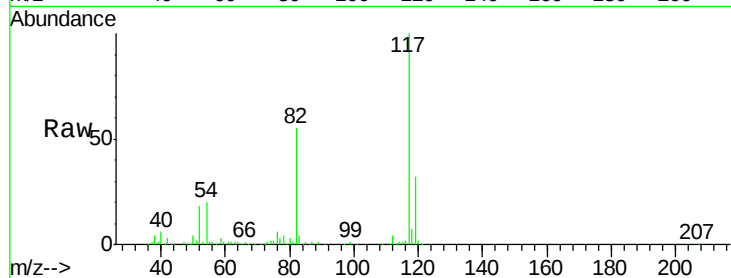




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

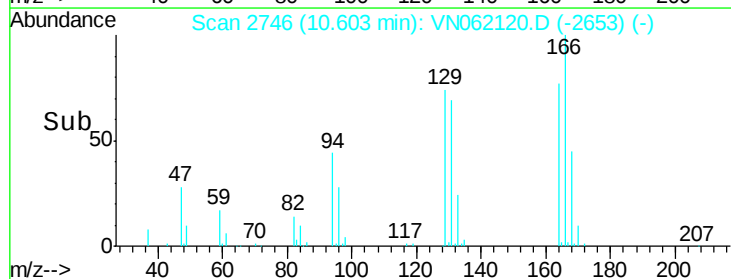
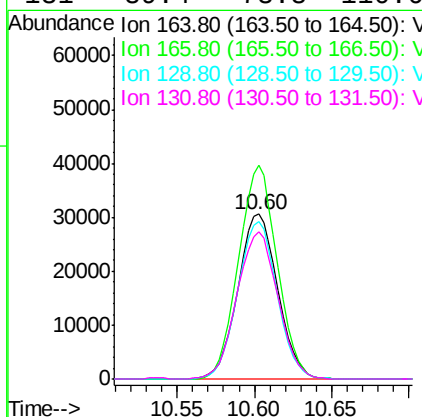
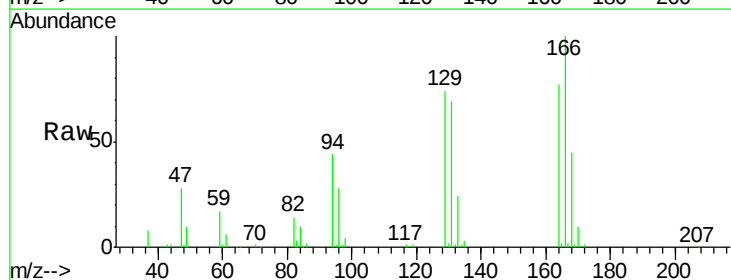
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBSD01

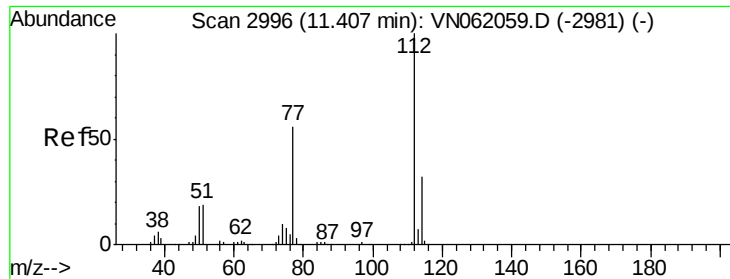
Tgt Ion:117 Resp: 432270
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.8
119 32.0 25.2 37.8



#64
Tetrachloroethene
Concen: 18.524 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

Tgt Ion:164 Resp: 54697
Ion Ratio Lower Upper
164 100
166 129.7 102.9 154.3
129 95.6 75.8 113.8
131 89.4 73.8 110.6

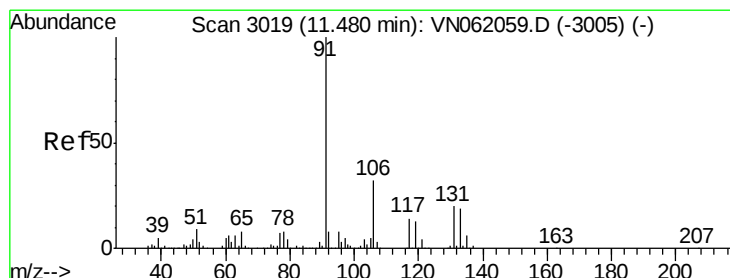
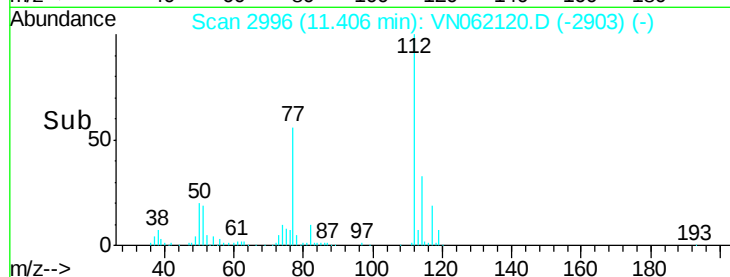
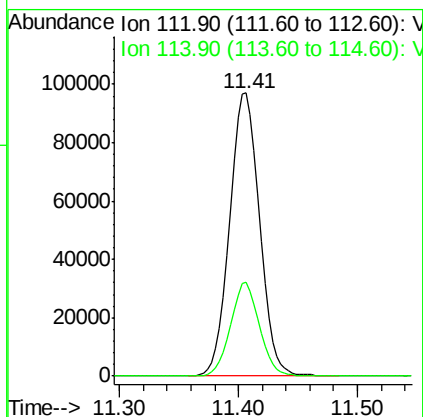
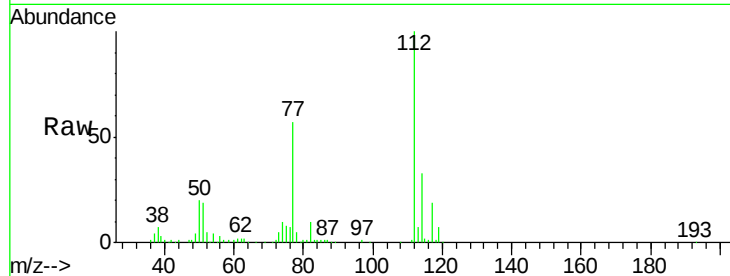




#65
Chlorobenzene
Concen: 17.837 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

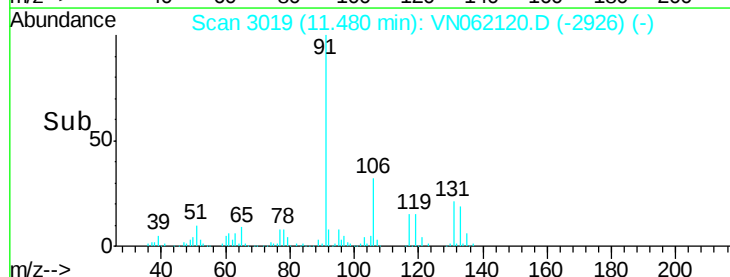
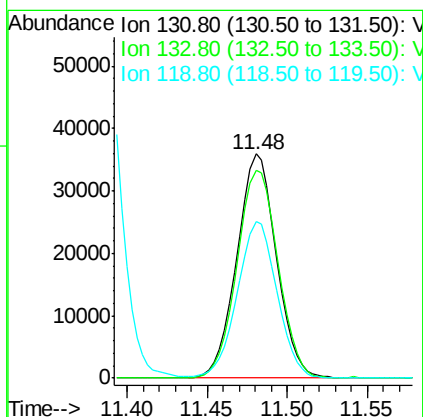
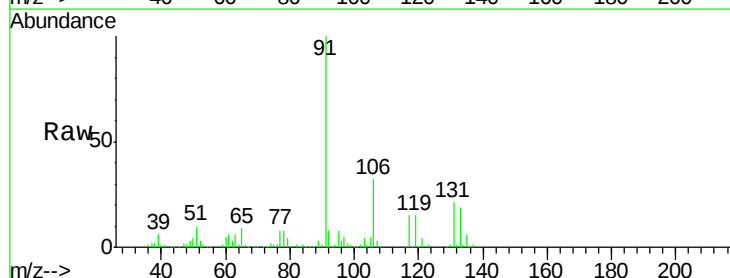
Instrument :
MSVOA_N
ClientSampled :
VN0625MBSD01

Tgt Ion:112 Resp: 169325
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.395 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

Tgt Ion:131 Resp: 60380
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.9
119 70.4 34.4 103.3

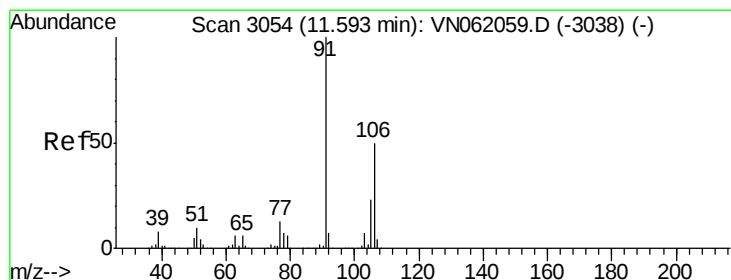
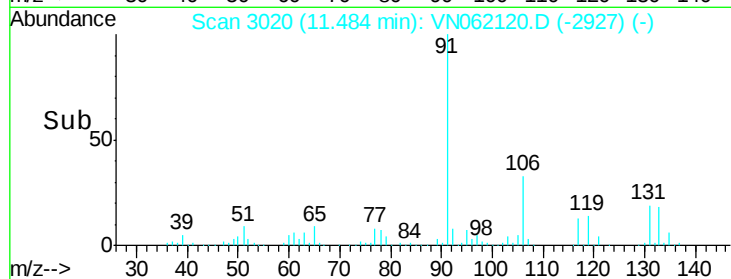
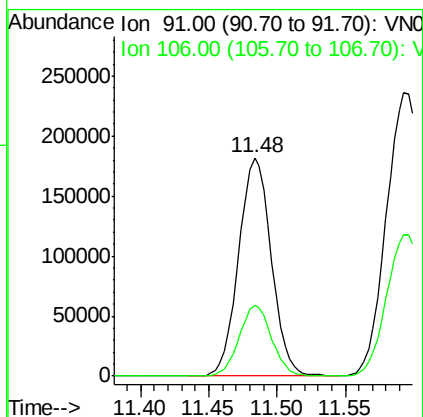
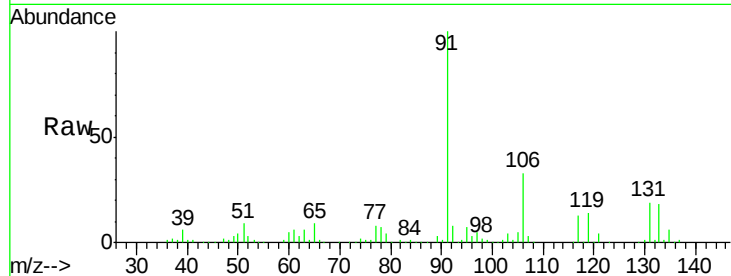




#67
Ethyl Benzene
Concen: 18.890 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

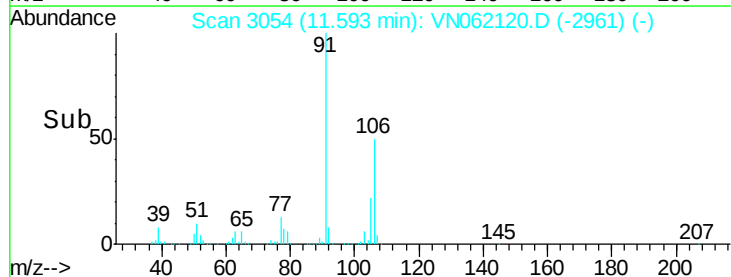
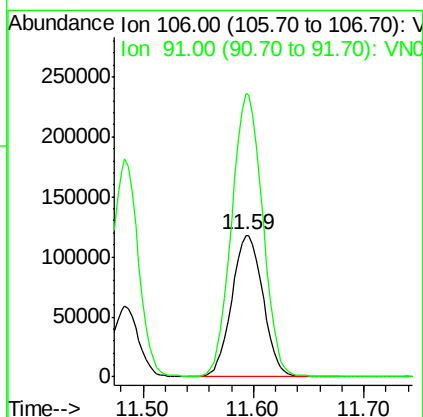
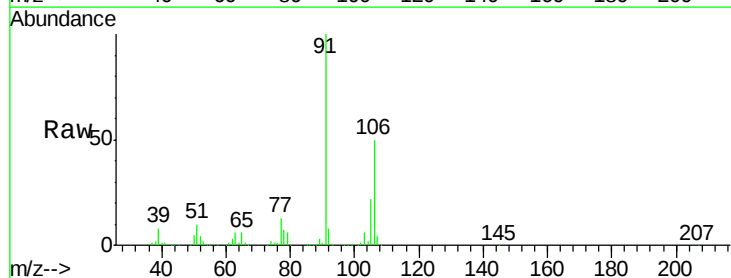
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBSD01

Tgt Ion: 91 Resp: 302838
Ion Ratio Lower Upper
91 100
106 32.5 25.3 37.9



#68
m/p-Xylenes
Concen: 37.258 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

Tgt Ion: 106 Resp: 231032
Ion Ratio Lower Upper
106 100
91 198.5 157.8 236.8

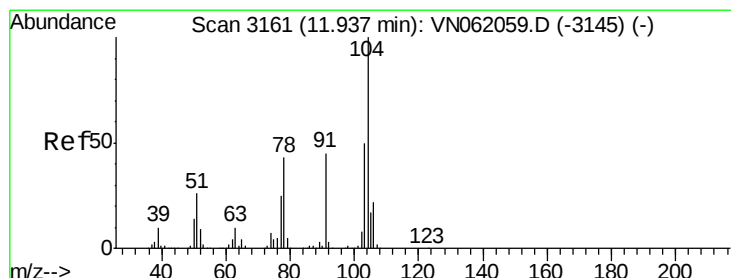
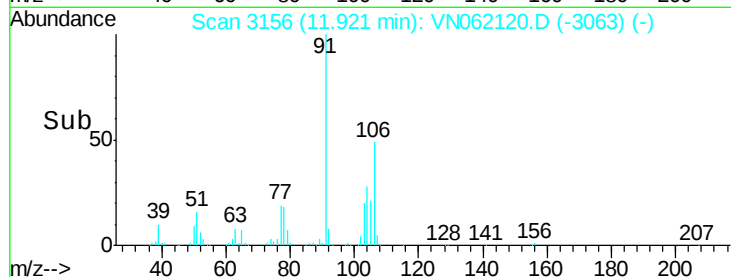
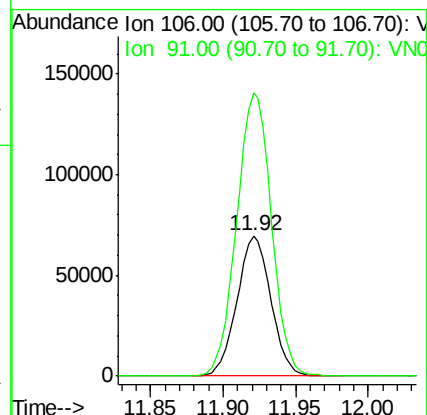
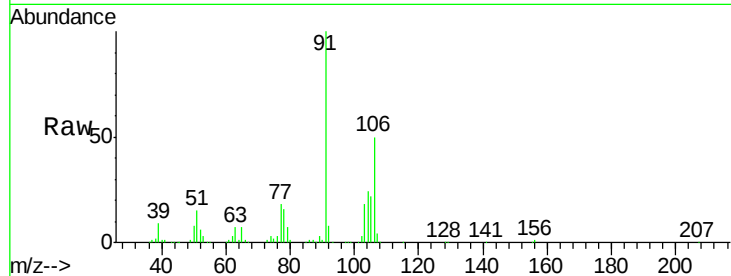




#69
o-Xylene
Concen: 19.311 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

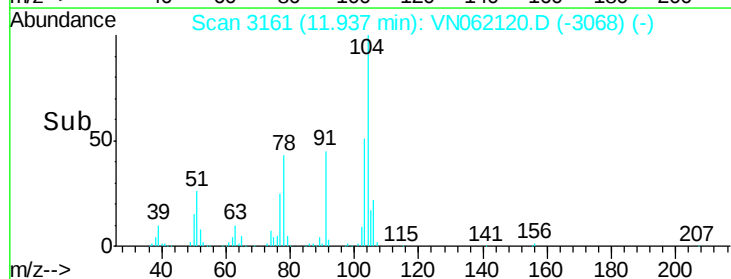
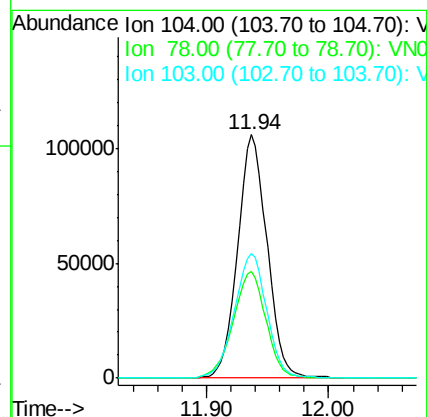
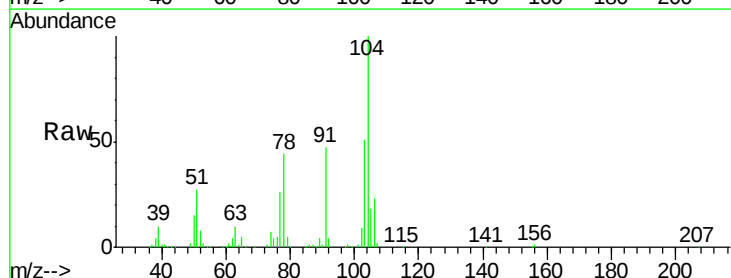
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBSD01

Tgt Ion:106 Resp: 112982
Ion Ratio Lower Upper
106 100
91 207.6 104.0 311.9



#70
Styrene
Concen: 18.215 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

Tgt Ion:104 Resp: 177731
Ion Ratio Lower Upper
104 100
78 48.9 37.7 56.5
103 56.4 43.0 64.6





#71

Bromoform

Concen: 18.443 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBSD01

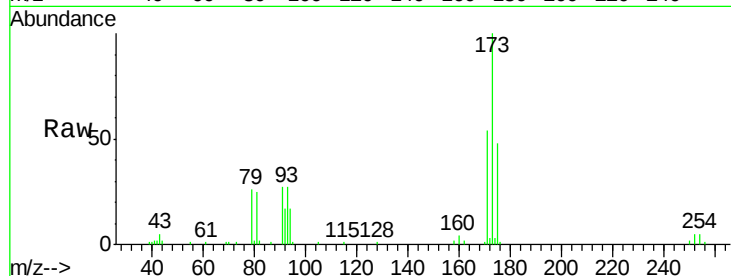
Tgt Ion:173 Resp: 43044

Ion Ratio Lower Upper

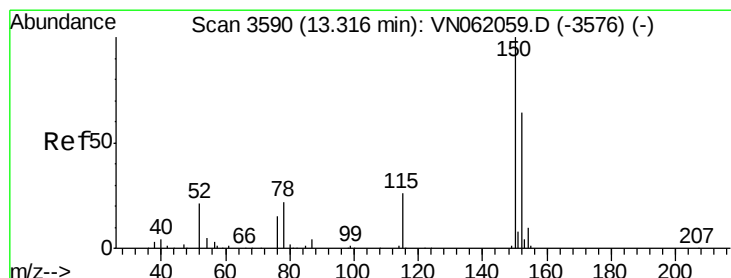
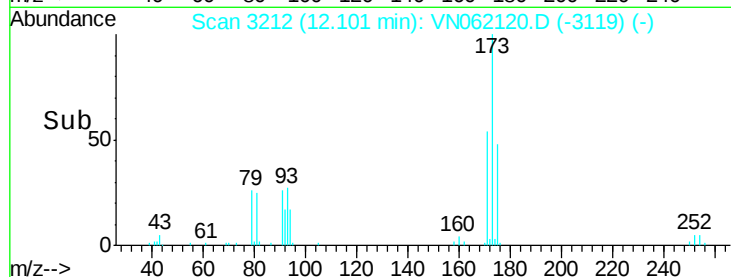
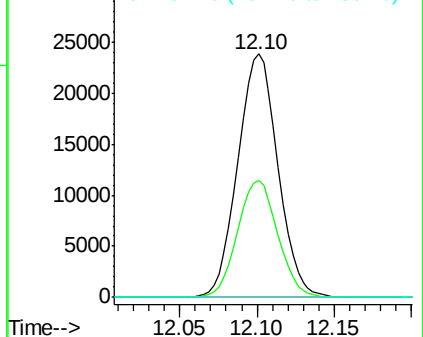
173 100

175 48.0 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# 3591

Delta R.T. 0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

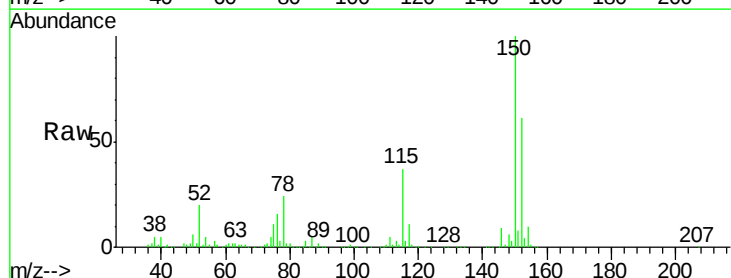
Tgt Ion:152 Resp: 194680

Ion Ratio Lower Upper

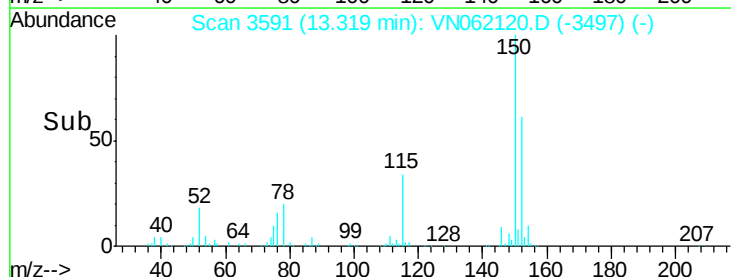
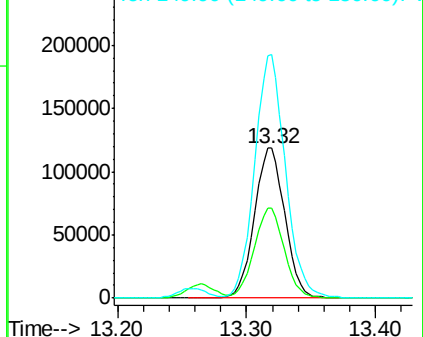
152 100

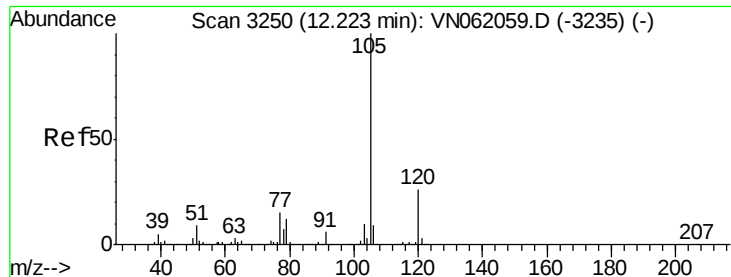
115 59.6 29.5 88.5

150 164.6 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: 19.331 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

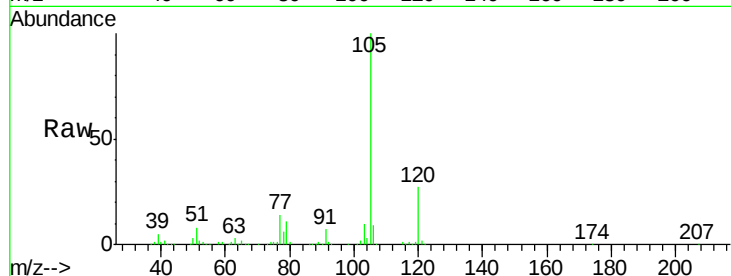
VN0625MBSD01

Tgt Ion:105 Resp: 291310

Ion Ratio Lower Upper

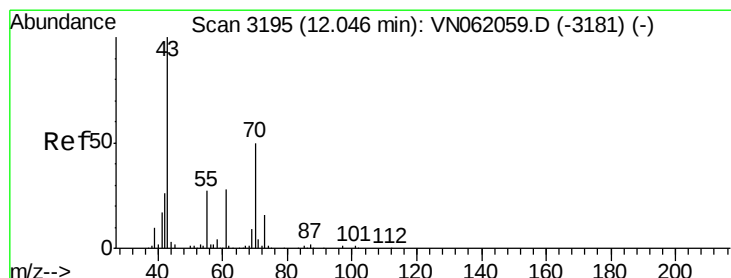
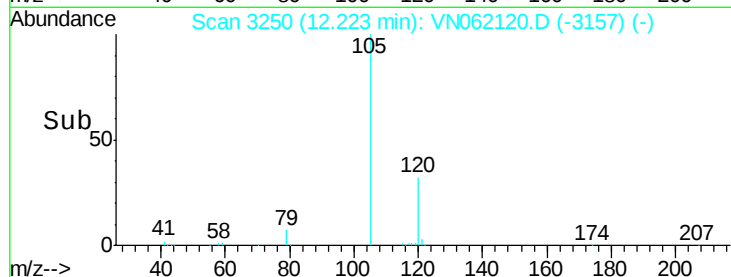
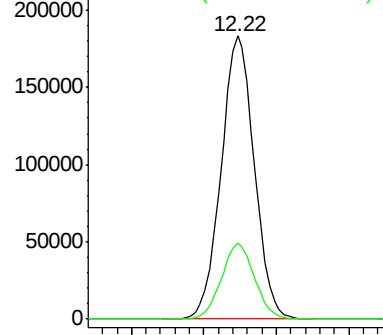
105 100

120 26.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.847 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Tgt Ion: 43 Resp: 98116

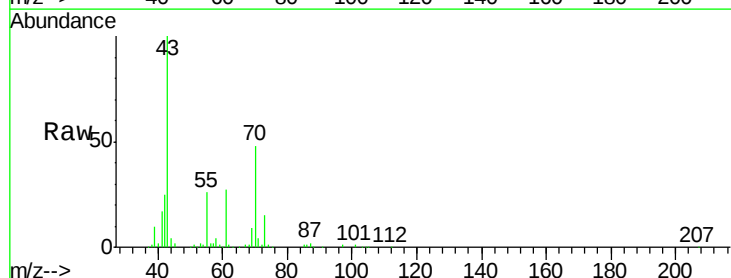
Ion Ratio Lower Upper

43 100

70 48.4 39.4 59.2

55 26.7 21.7 32.5

61 26.5 21.3 31.9

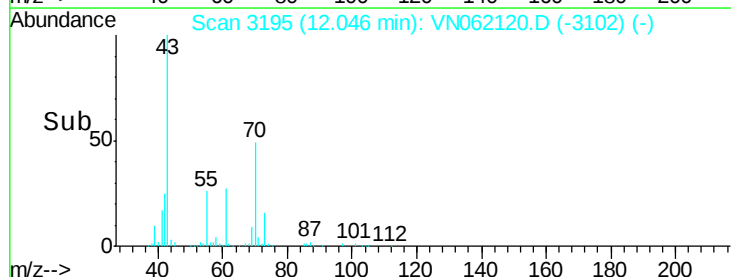
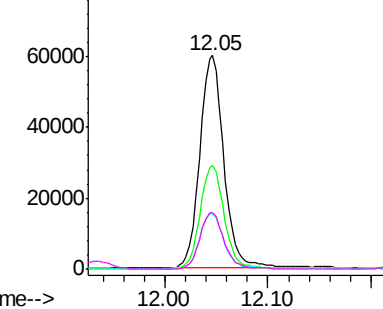


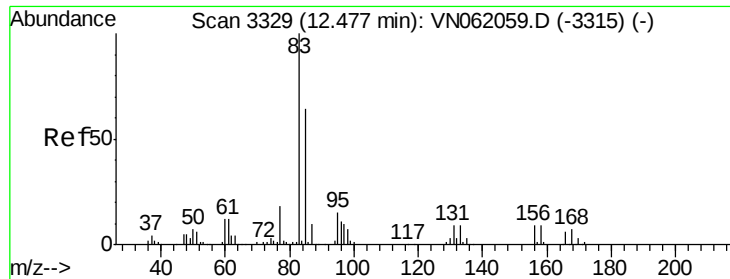
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.401 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampled :

VN0625MBSD01

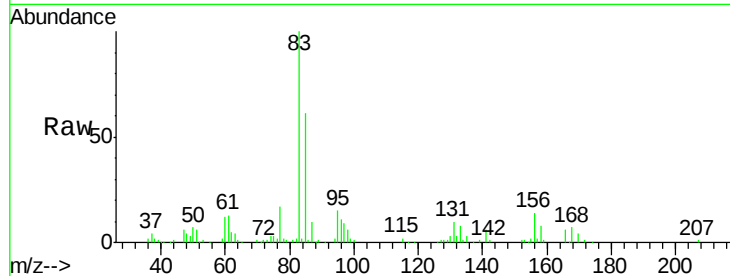
Tgt Ion: 83 Resp: 92278

Ion Ratio Lower Upper

83 100

131 10.0 4.8 14.4

85 63.7 32.4 97.0

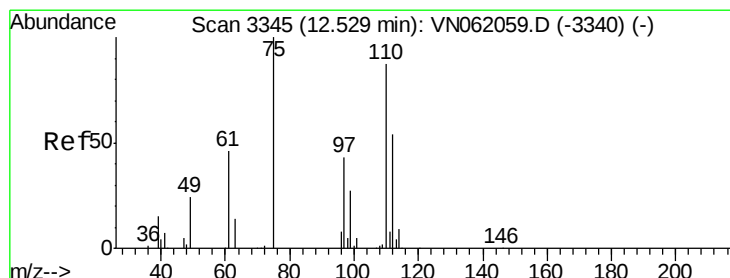
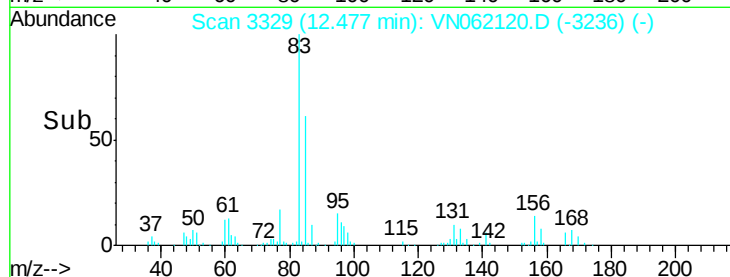


Abundance Ion 82.90 (82.60 to 83.60): VN062120.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062120.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062120.D (-3236) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 24.278 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062120.D

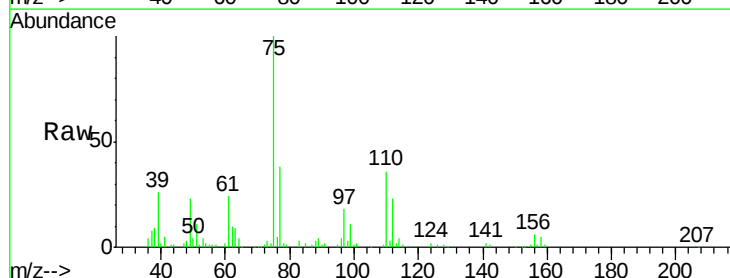
Acq: 25 Jun 2020 18:54

Tgt Ion: 75 Resp: 111265

Ion Ratio Lower Upper

75 100

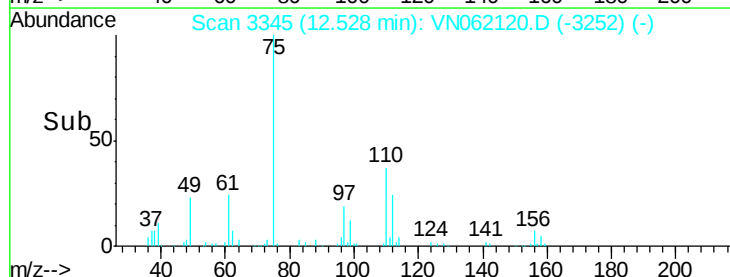
77 0.0 0.0 0.0

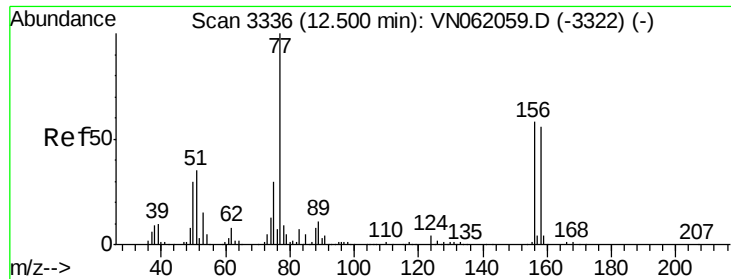


Abundance Ion 74.90 (74.60 to 75.60): VN062120.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062120.D (-3252) (-)

Time-->





#77

Bromobenzene

Concen: 19.823 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBSD01

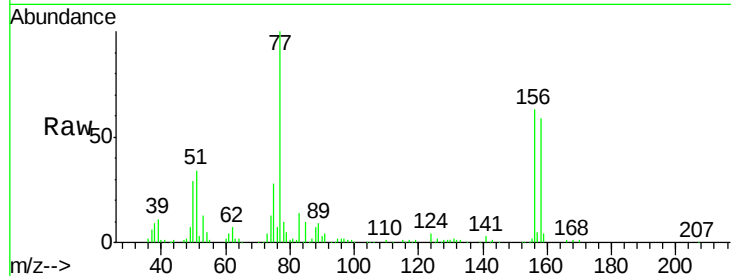
Tgt Ion:156 Resp: 74165

Ion Ratio Lower Upper

156 100

77 191.6 104.6 313.8

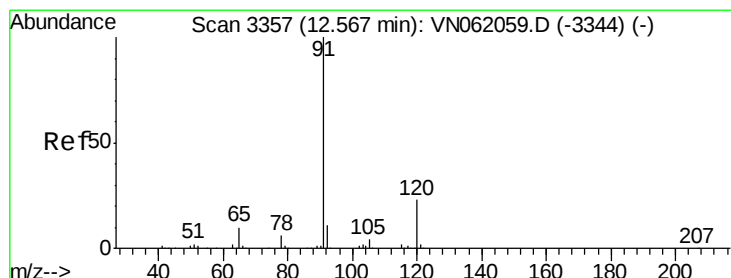
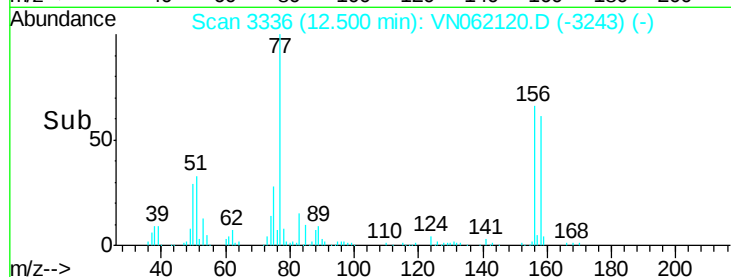
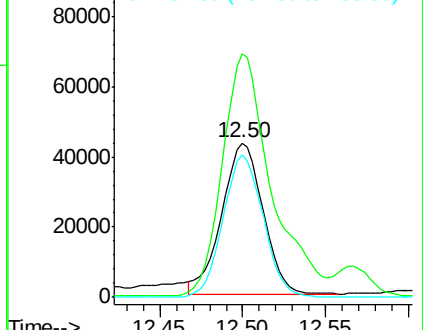
158 92.5 48.0 144.0



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: 19.156 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062120.D

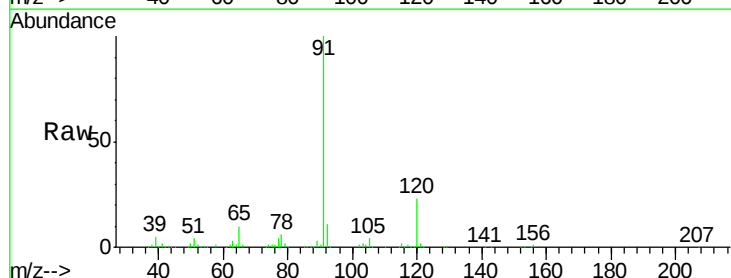
Acq: 25 Jun 2020 18:54

Tgt Ion: 91 Resp: 330202

Ion Ratio Lower Upper

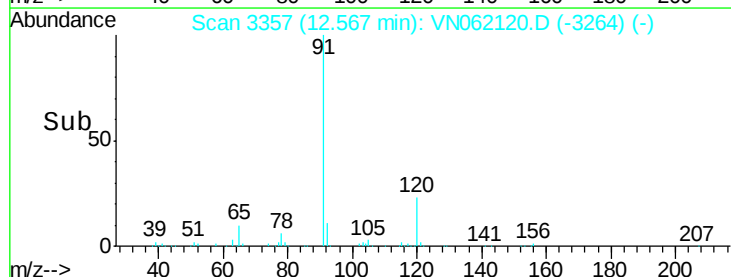
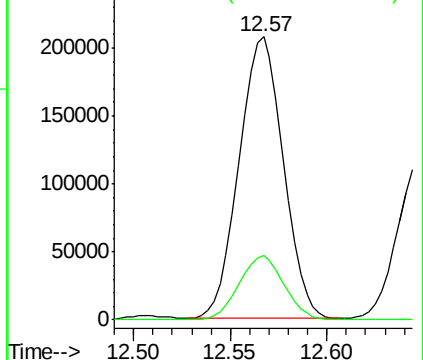
91 100

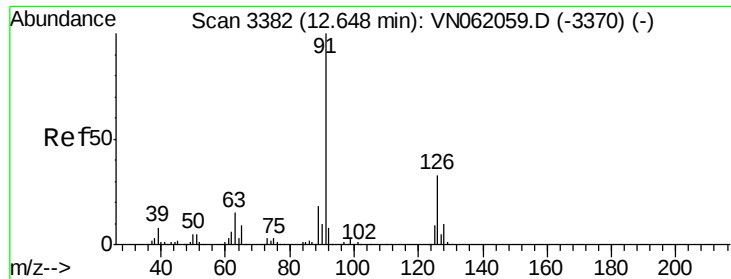
120 23.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.824 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

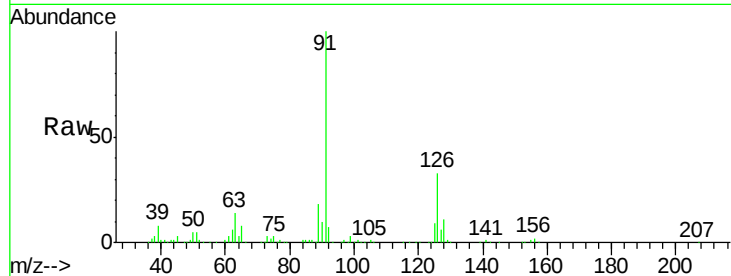
VN0625MBSD01

Tgt Ion: 91 Resp: 196160

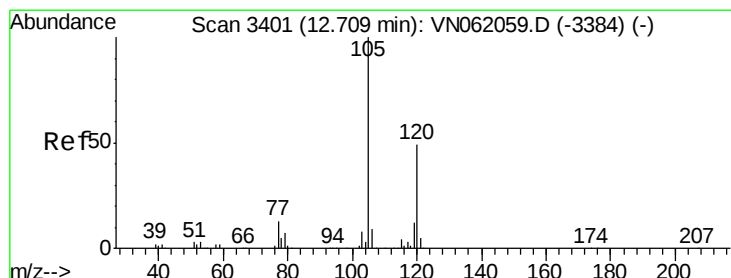
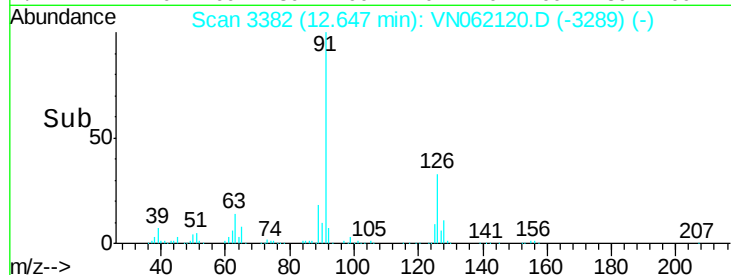
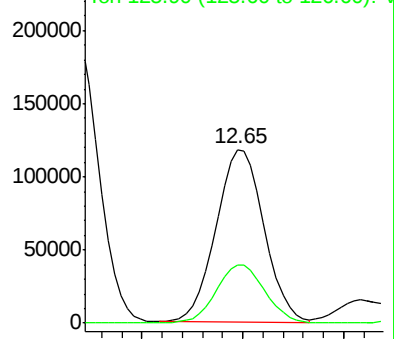
Ion Ratio Lower Upper

91 100

126 34.2 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN062120.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.516 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062120.D

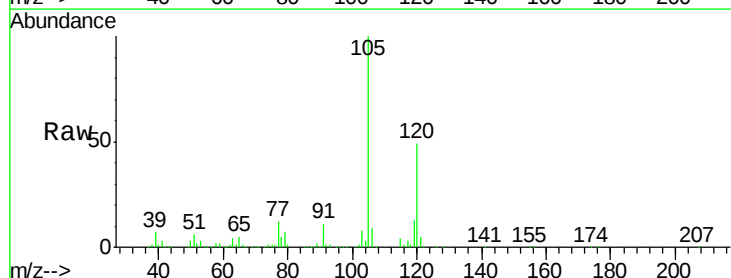
Acq: 25 Jun 2020 18:54

Tgt Ion: 105 Resp: 238420

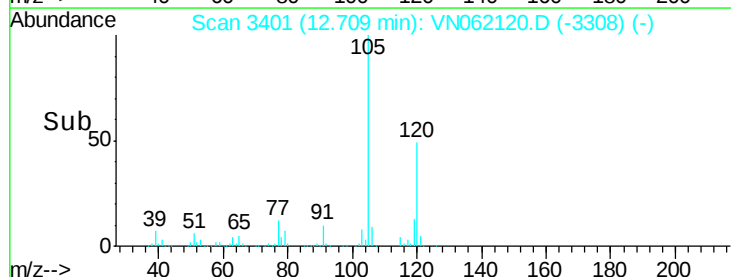
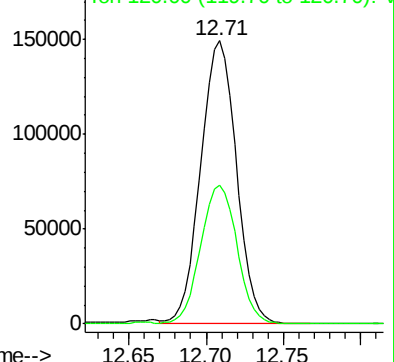
Ion Ratio Lower Upper

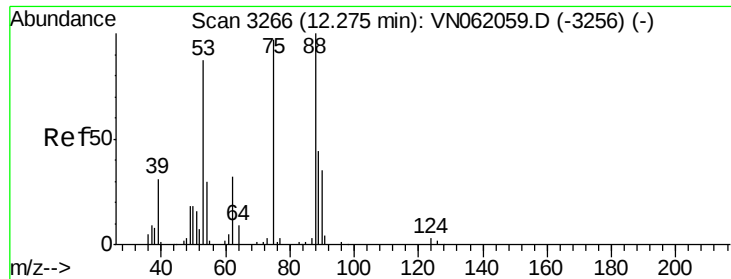
105 100

120 50.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062120.D (-3401) (-)

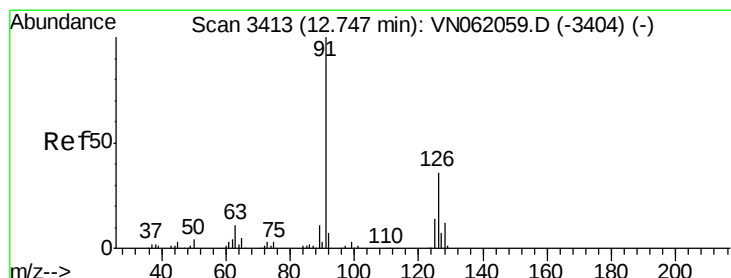
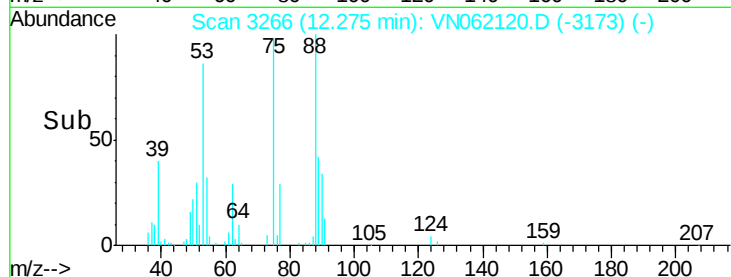
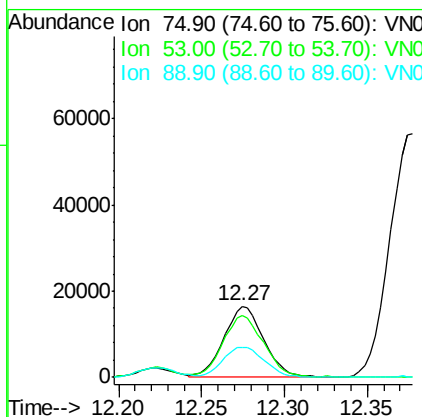
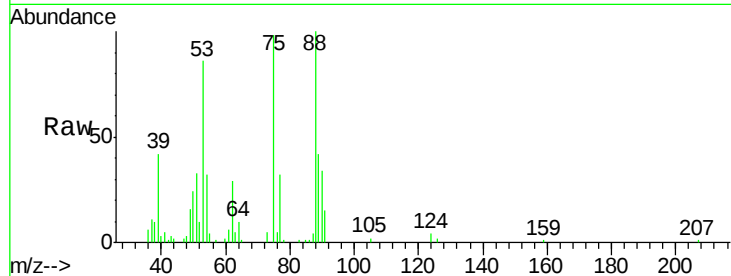




#81
trans-1,4-Dichloro-2-butene
Concen: 17.314 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

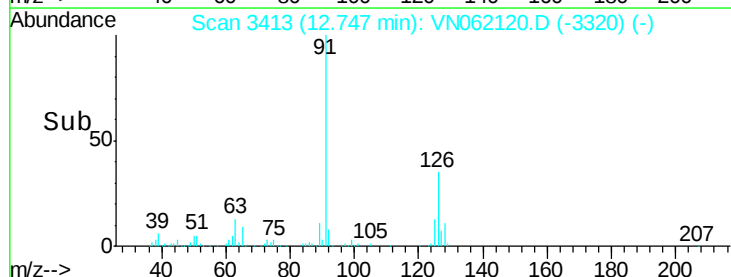
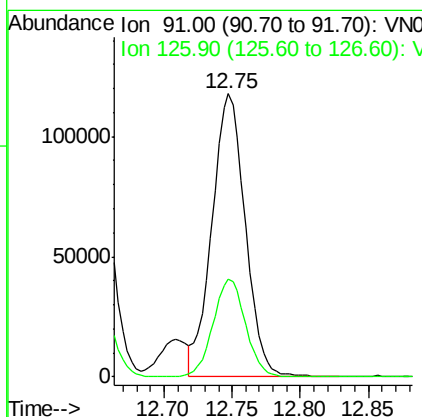
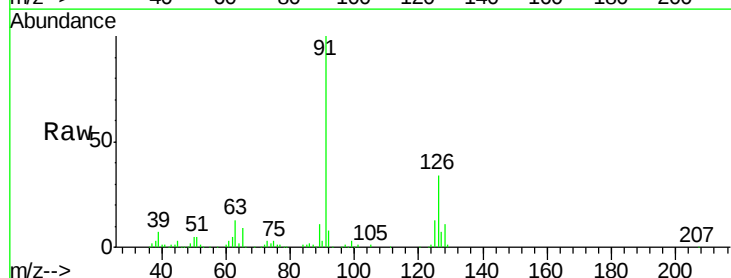
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBSD01

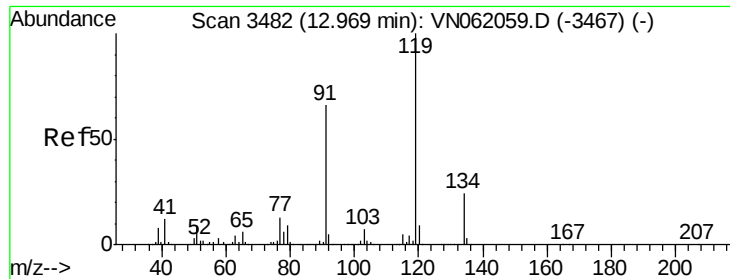
Tgt Ion: 75 Resp: 27171
Ion Ratio Lower Upper
75 100
53 88.1 72.0 108.0
89 45.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 18.357 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

Tgt Ion: 91 Resp: 197816
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.1

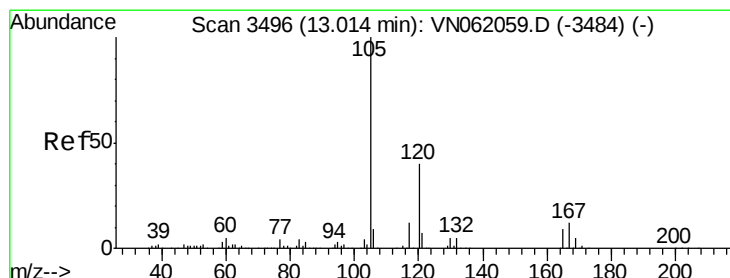
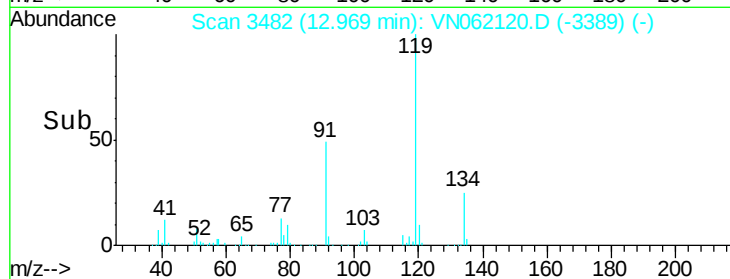
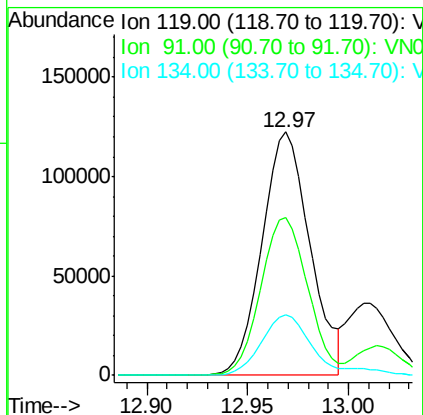
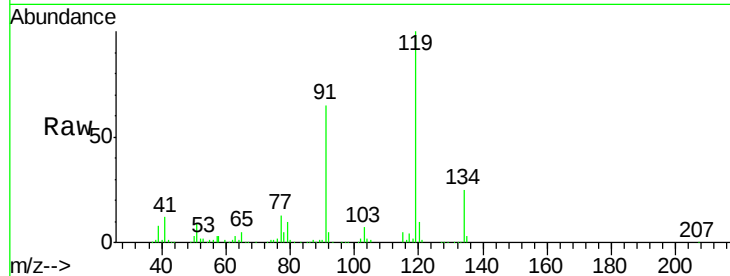




#83
 tert-Butylbenzene
 Concen: 19.428 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

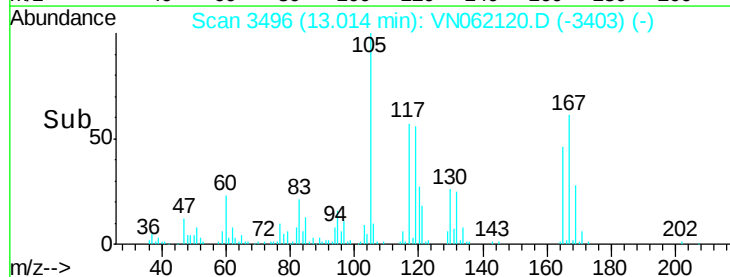
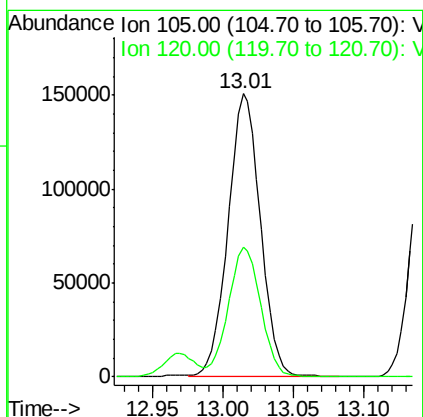
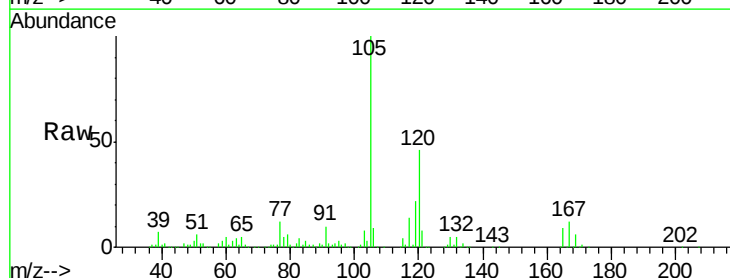
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBSD01

Tgt Ion:119 Resp: 203113
 Ion Ratio Lower Upper
 119 100
 91 63.0 31.7 95.1
 134 25.0 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.689 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

Tgt Ion:105 Resp: 240226
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.5

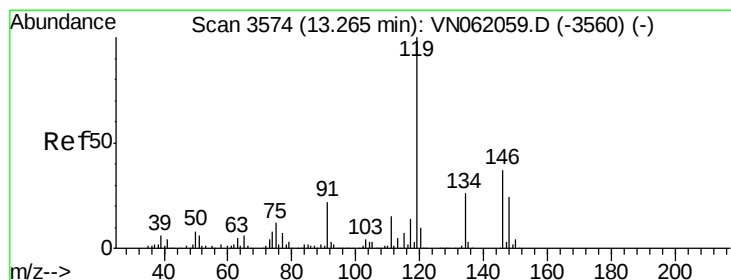
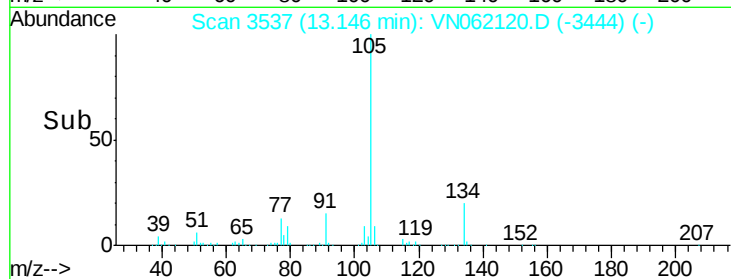
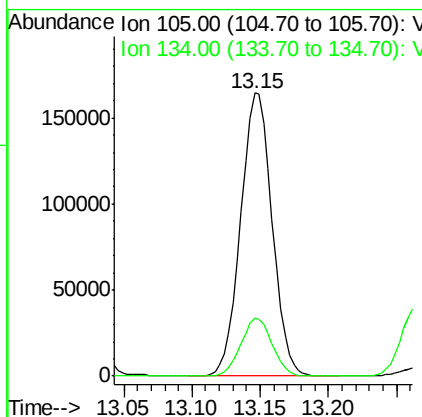
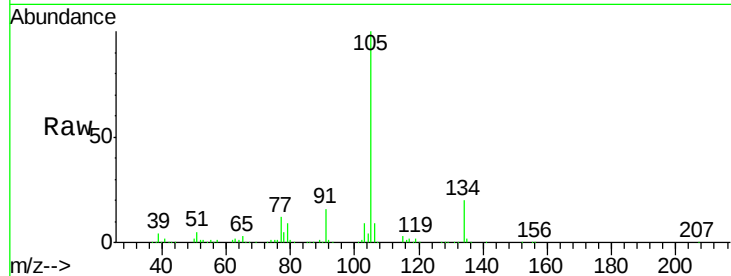




#85
 sec-Butylbenzene
 Concen: 18.951 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

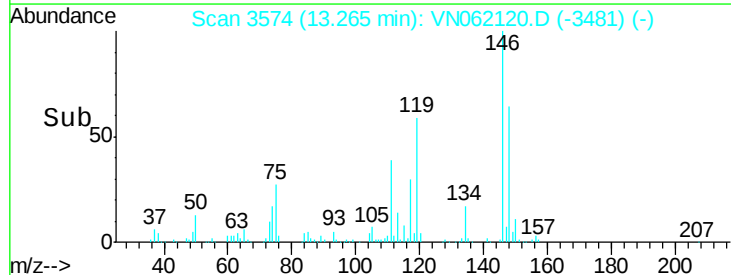
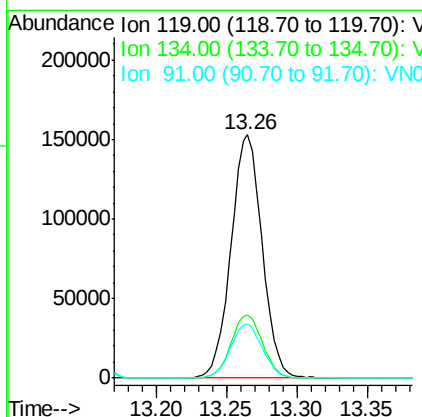
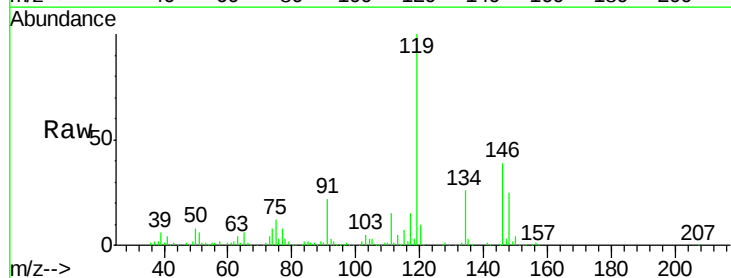
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBSD01

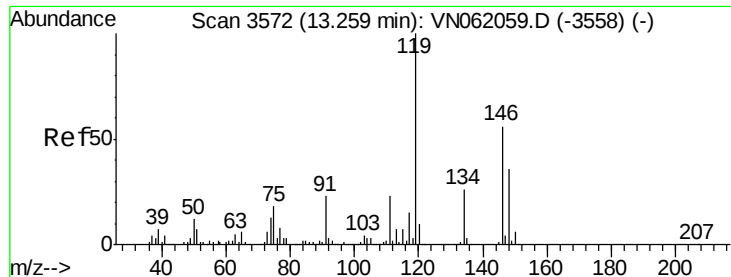
Tgt Ion:105 Resp: 261797
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.378 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

Tgt Ion:119 Resp: 234539
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 23.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 18.741 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

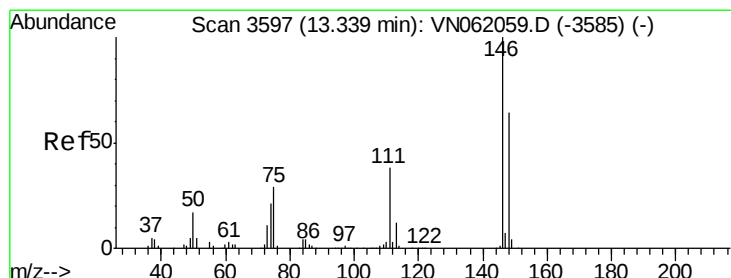
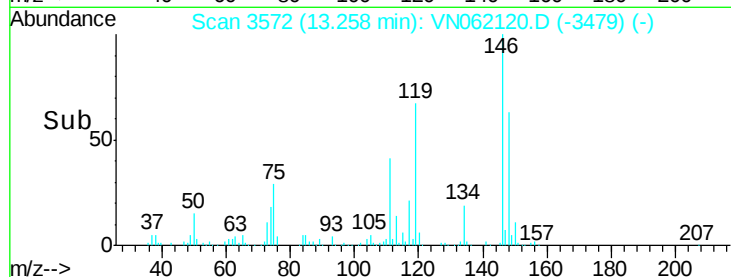
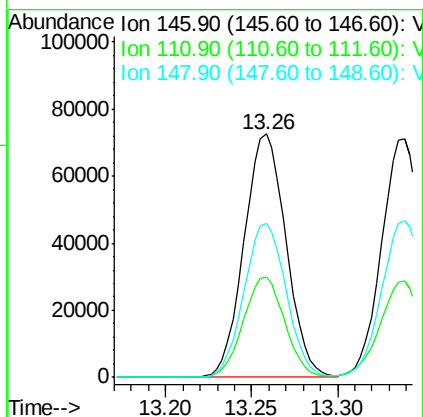
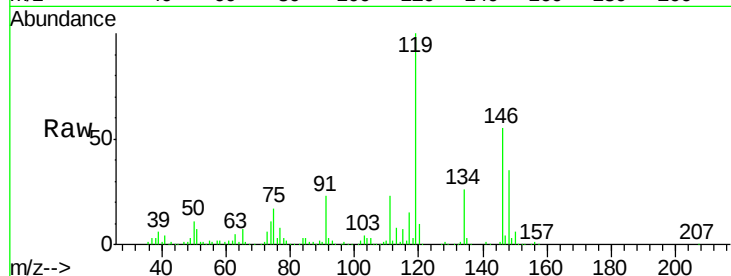
Instrument :

MSVOA_N

ClientSampleId :

VN0625MBSD01

Tgt Ion:	146	Resp:	123127
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	61.0
148	63.6	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 17.959 ug/l

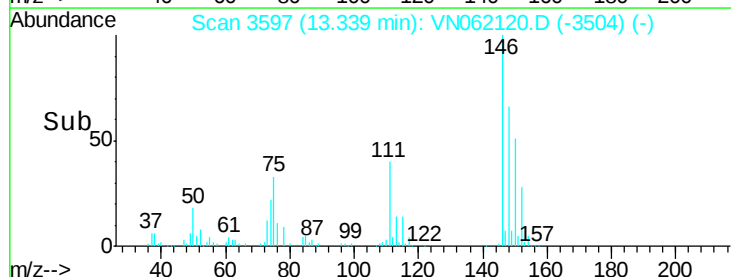
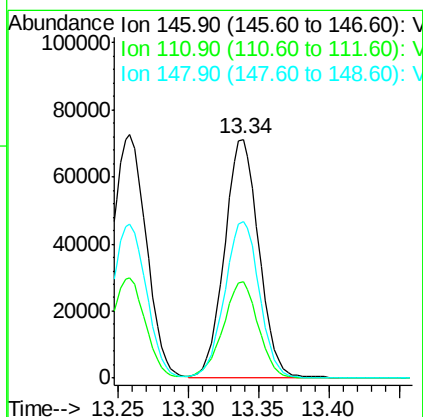
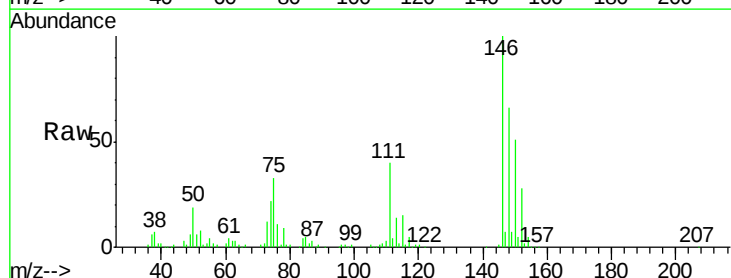
RT: 13.34 min Scan# 3597

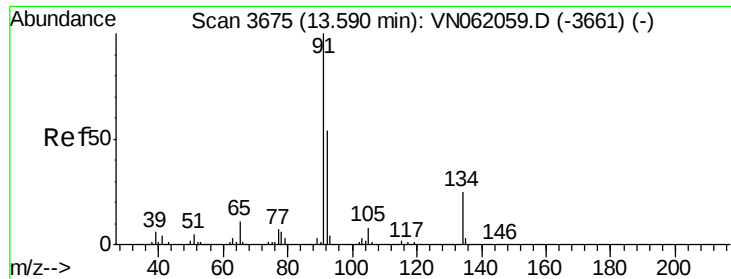
Delta R.T. -0.00 min

Lab File: VN062120.D

Acq: 25 Jun 2020 18:54

Tgt Ion:	146	Resp:	121624
Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.9	59.6
148	65.2	31.9	95.9

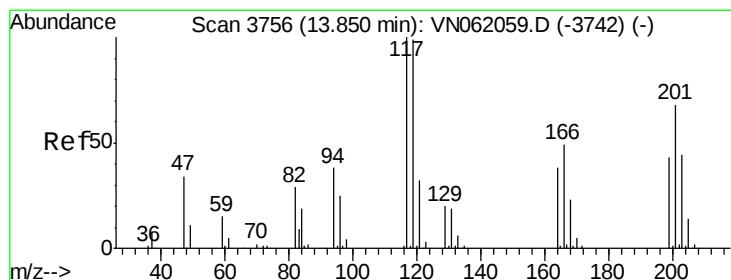
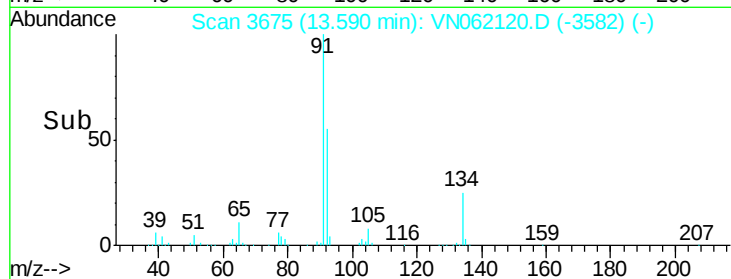
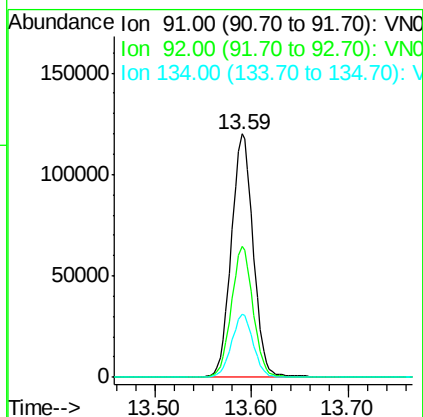
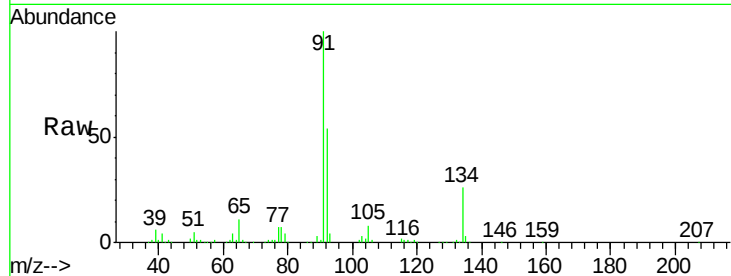




#89
n-Butylbenzene
Concen: 18.686 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

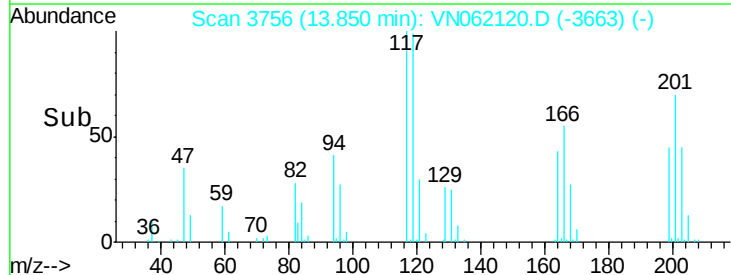
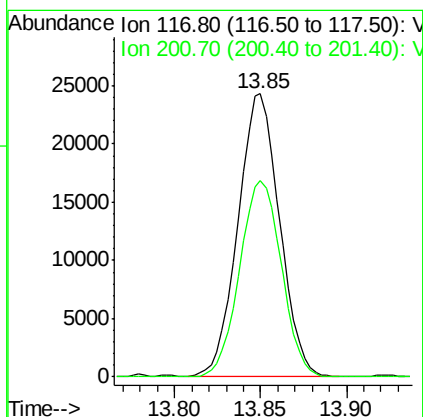
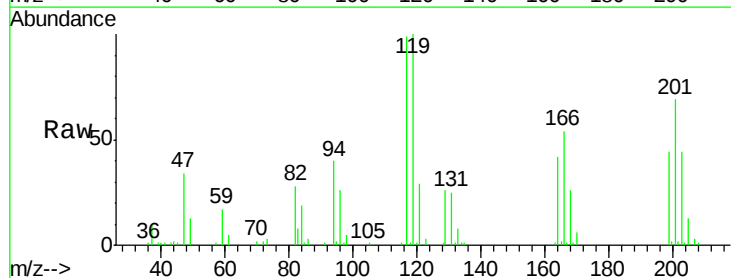
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBSD01

Tgt Ion: 91 Resp: 188028
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.7
134 26.0 12.3 36.9



#90
Hexachloroethane
Concen: 17.260 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

Tgt Ion: 117 Resp: 40987
Ion Ratio Lower Upper
117 100
201 69.3 32.7 98.1

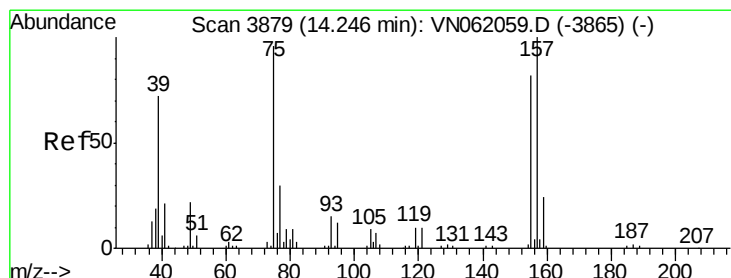
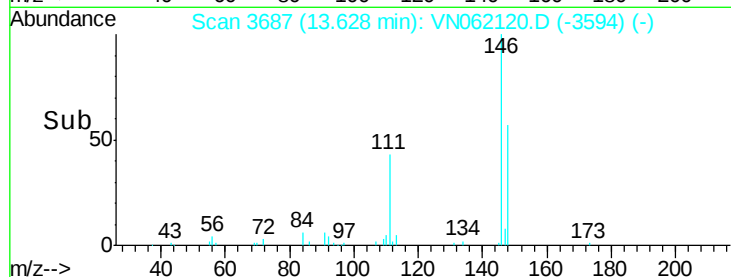
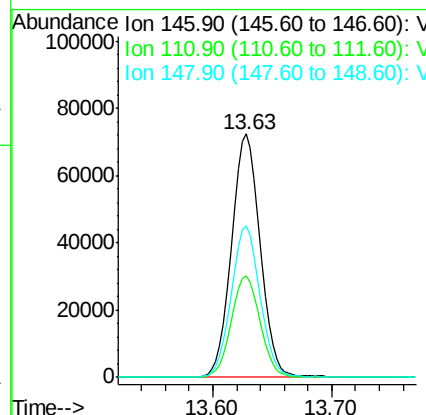
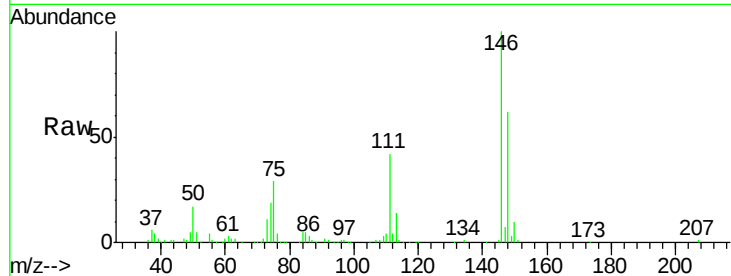




#91
 1,2-Dichlorobenzene
 Concen: 18.999 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

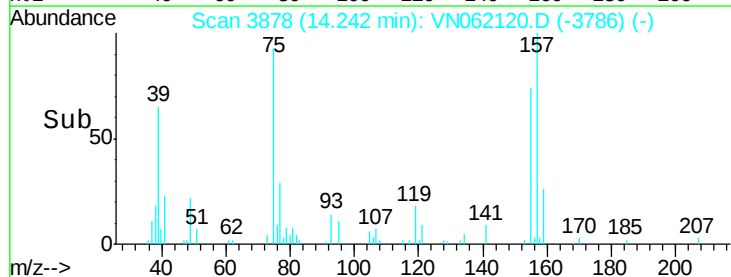
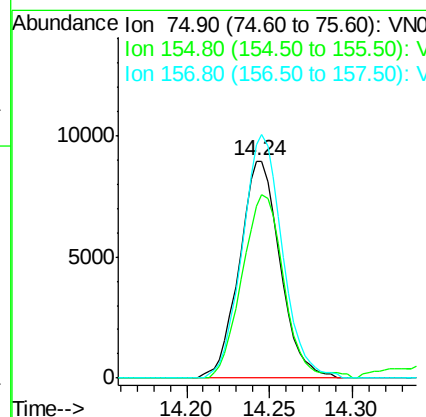
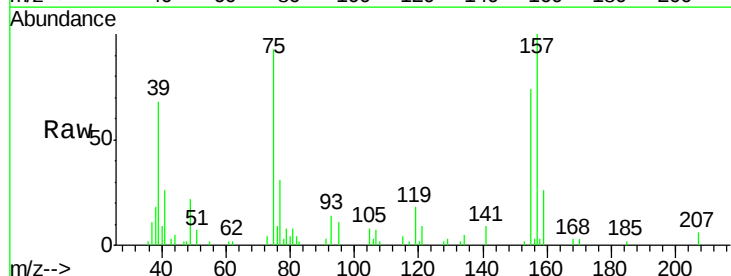
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBSD01

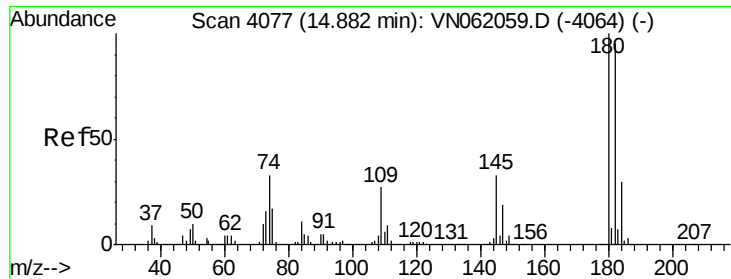
Tgt Ion: 146 Resp: 121040
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.2 63.6
 148 62.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.023 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

Tgt Ion: 75 Resp: 15282
 Ion Ratio Lower Upper
 75 100
 155 85.5 40.8 122.4
 157 110.6 51.4 154.3

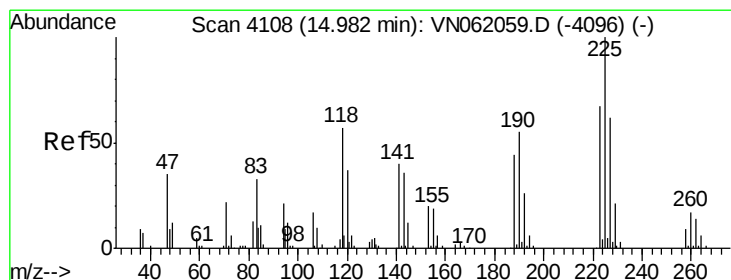
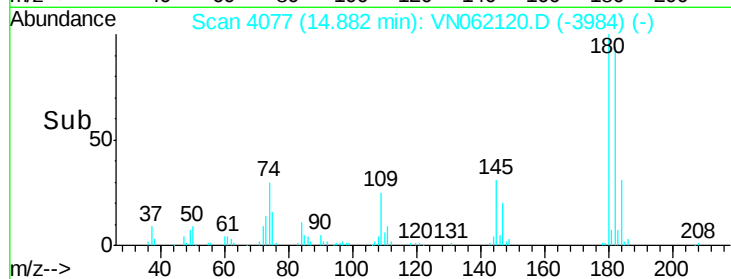
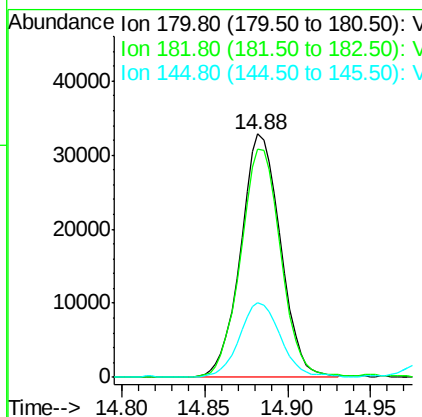
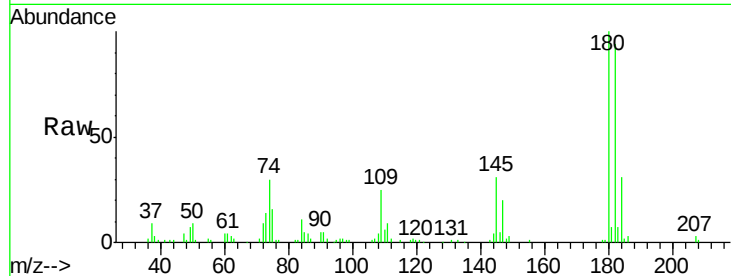




#93
 1,2,4-Trichlorobenzene
 Concen: 19.704 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

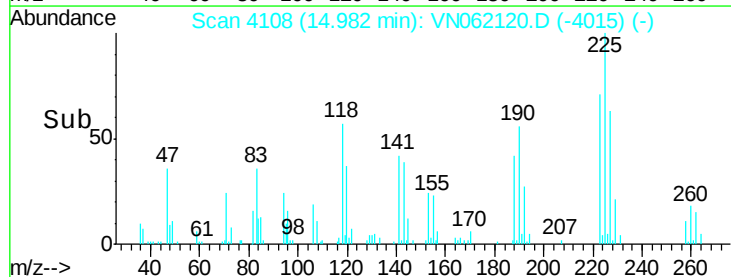
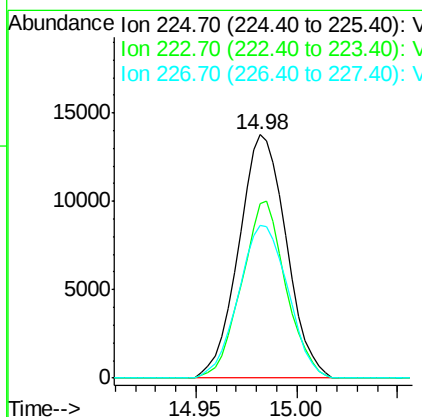
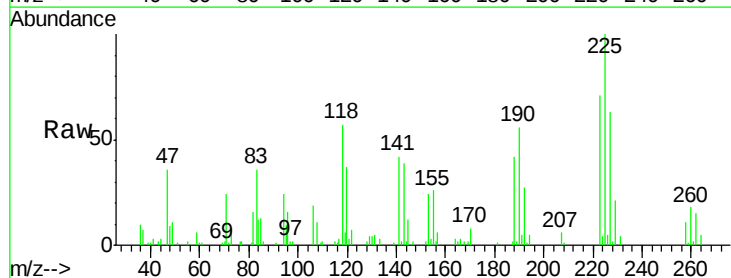
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBSD01

Tgt Ion:180 Resp: 54839
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.0 144.2
 145 31.8 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 18.811 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062120.D
 Acq: 25 Jun 2020 18:54

Tgt Ion:225 Resp: 22738
 Ion Ratio Lower Upper
 225 100
 223 67.4 32.9 98.7
 227 65.1 31.3 93.8

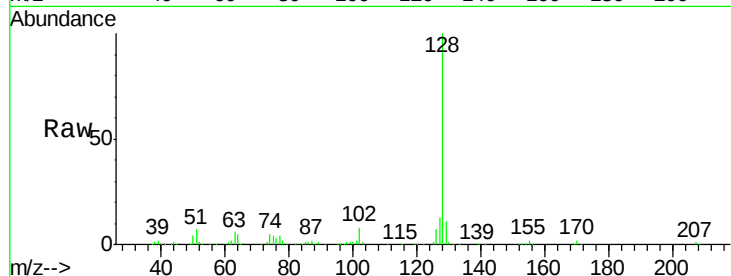




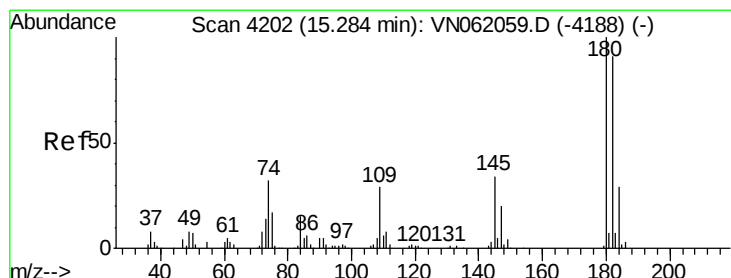
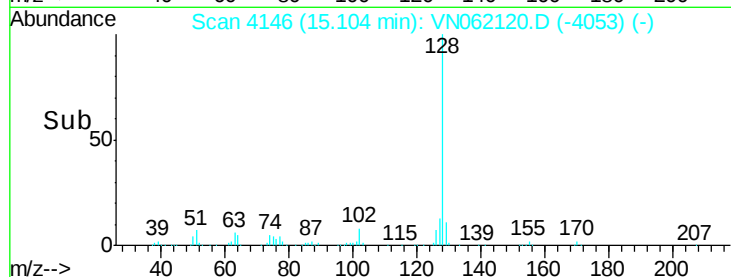
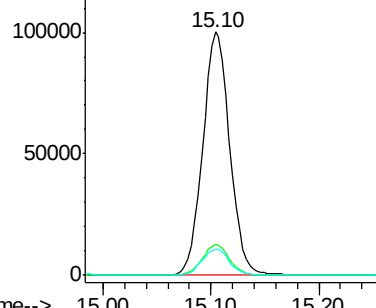
#95
Naphthalene
Concen: 21.353 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

Instrument :
MSVOA_N
ClientSampled :
VN0625MBSD01

Tgt Ion:128 Resp: 175063
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.0 8.6 13.0

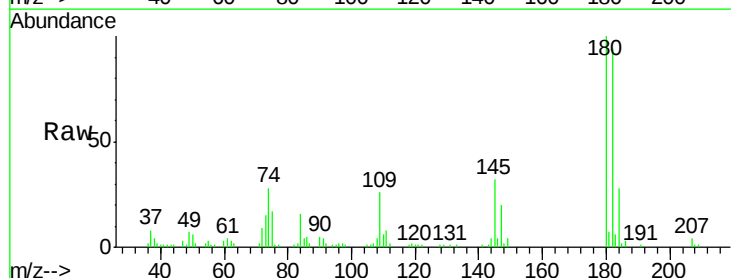


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.813 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062120.D
Acq: 25 Jun 2020 18:54

Tgt Ion:180 Resp: 56383
Ion Ratio Lower Upper
180 100
182 94.4 46.8 140.4
145 33.6 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

