

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062420\
 Data File : VN062061.D
 Acq On : 24 Jun 2020 11:42
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: Jun 24 12:02:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 11:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	271622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	483073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	459713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	232912	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	604236	166.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	332.22%	
35) Dibromofluoromethane	7.55	113	482849	157.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.00%	
50) Toluene-d8	10.06	98	1999402	164.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.86%	
62) 4-Bromofluorobenzene	12.38	95	726023	175.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	350.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	412977	135.831	ug/l	98
3) Chloromethane	2.03	50	532683	143.038	ug/l	99
4) Vinyl Chloride	2.16	62	662530	149.061	ug/l	99
5) Bromomethane	2.49	94	447787	133.308	ug/l	96
6) Chloroethane	2.65	64	452839	149.132	ug/l	100
7) Trichlorofluoromethane	2.97	101	835287	158.454	ug/l	99
8) Diethyl Ether	3.37	74	303211	167.214	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	419409	151.434	ug/l	98
10) Methyl Iodide	3.90	142	556481	184.139	ug/l	100
11) Tert butyl alcohol	4.74	59	426201	835.594	ug/l	100
12) 1,1-Dichloroethene	3.69	96	447036	161.359	ug/l	98
13) Acrolein	3.56	56	423205	1212.364	ug/l	98
14) Allyl chloride	4.27	41	651583	175.131	ug/l	100
15) Acrylonitrile	4.93	53	1161788	912.211	ug/l	100
16) Acetone	3.77	43	902628	811.352	ug/l	98
17) Carbon Disulfide	4.00	76	1356949	166.473	ug/l	100
18) Methyl Acetate	4.27	43	434296	142.880	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1519544	164.691	ug/l	99
20) Methylene Chloride	4.50	84	529234	149.869	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	503560	158.360	ug/l	98
22) Diisopropyl ether	5.90	45	1503078	176.820	ug/l	97
23) Vinyl Acetate	5.84	43	6329477	936.458	ug/l	100
24) 1,1-Dichloroethane	5.79	63	890669	160.913	ug/l	100
25) 2-Butanone	6.78	43	1443891	898.875	ug/l	99
26) 2,2-Dichloropropane	6.77	77	737932	157.631	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	569251	155.396	ug/l	100
28) Bromochloromethane	7.15	49	410021	165.752	ug/l	98
29) Tetrahydrofuran	7.17	42	971217	917.213	ug/l	100
30) Chloroform	7.33	83	892533	151.792	ug/l	100
31) Cyclohexane	7.61	56	763123	157.251	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	766378	153.265	ug/l	99
36) 1,1-Dichloropropene	7.75	75	701393	158.831	ug/l	99
37) Ethyl Acetate	6.88	43	614816	175.744	ug/l	99
38) Carbon Tetrachloride	7.73	117	649839	149.426	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	814503	171.209	ug/l	97
40) Benzene	8.00	78	2117369	157.517	ug/l	99
41) Methacrylonitrile	7.16	41	892466	585.466	ug/l #	14
42) 1,2-Dichloroethane	8.09	62	715753	156.326	ug/l	99
43) Isopropyl Acetate	8.12	43	1051220	179.478	ug/l	100
44) Trichloroethene	8.80	130	520892	148.643	ug/l	98
45) 1,2-Dichloropropane	9.08	63	528939	160.316	ug/l	99
46) Dibromomethane	9.17	93	352171	152.481	ug/l	100
47) Bromodichloromethane	9.37	83	735542	155.060	ug/l	99
48) Methyl methacrylate	9.17	41	491934	183.821	ug/l	97
49) 1,4-Dioxane	9.17	88	204616	3322.923	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	3151182	904.694	ug/l	98
52) Toluene	10.12	92	1388517	164.891	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	875939	172.923	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	918619	167.327	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	526929	158.860	ug/l	99
56) Ethyl methacrylate	10.40	69	844109	190.105	ug/l	98
57) 1,3-Dichloropropane	10.68	76	917853	163.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1622108	927.742	ug/l	99
59) 2-Hexanone	10.72	43	2399877	958.941	ug/l	99
60) Dibromochloromethane	10.87	129	575713	156.947	ug/l	98
61) 1,2-Dibromoethane	10.98	107	550724	159.621	ug/l	100
64) Tetrachloroethene	10.60	164	425121	145.508	ug/l	98
65) Chlorobenzene	11.41	112	1446135	149.074	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	511940	151.887	ug/l	99
67) Ethyl Benzene	11.48	91	2621630	160.838	ug/l	99
68) m/p-Xylenes	11.60	106	2053654	326.681	ug/l	96
69) o-Xylene	11.92	106	989938	165.466	ug/l	98
70) Styrene	11.94	104	1776061	177.306	ug/l	99
71) Bromoform	12.10	173	404535	165.041	ug/l #	98
73) Isopropylbenzene	12.22	105	2599119	156.258	ug/l	99
74) N-amyl acetate	12.05	43	1068597	198.206	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	799811	146.780	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	1064429	229.531	ug/l #	100
77) Bromobenzene	12.50	156	612723	146.427	ug/l	96
78) n-propylbenzene	12.57	91	2980597	156.372	ug/l	99
79) 2-Chlorotoluene	12.65	91	1790202	156.514	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	2219412	161.573	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	307559	179.786	ug/l	99
82) 4-Chlorotoluene	12.75	91	1939748	164.302	ug/l	99
83) tert-Butylbenzene	12.97	119	1849315	158.791	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	2232390	164.855	ug/l	100
85) sec-Butylbenzene	13.15	105	2472910	161.778	ug/l	100
86) p-Isopropyltoluene	13.26	119	2270285	167.308	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1146210	150.970	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1139331	146.650	ug/l	100
89) n-Butylbenzene	13.59	91	1985614	174.491	ug/l	99
90) Hexachloroethane	13.85	117	413041	165.073	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	1082413	148.360	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	147306	166.615	ug/l	98

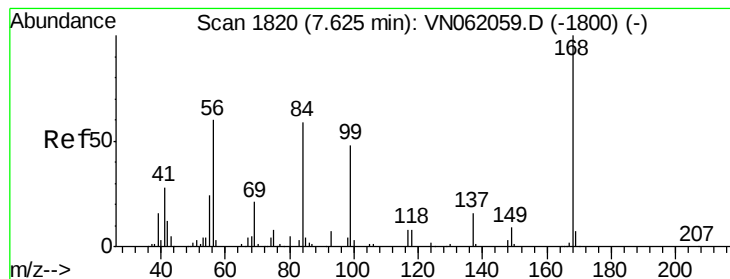
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062420\
Data File : VN062061.D
Acq On : 24 Jun 2020 11:42
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	570136	166.834	ug/l	99
94) Hexachlorobutadiene	14.99	225	198795	146.684	ug/l	99
95) Naphthalene	15.10	128	1801316	182.492	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	559740	164.529	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: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

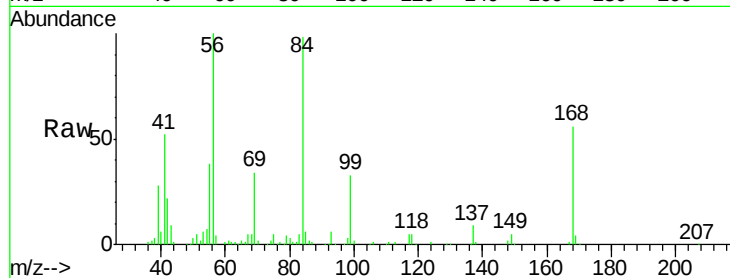
VSTDIC150

Tgt Ion:168 Resp: 271622

Ion Ratio Lower Upper

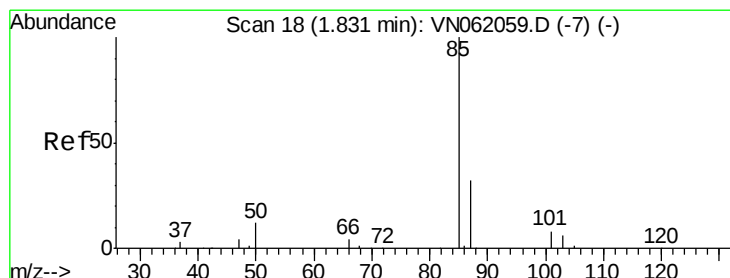
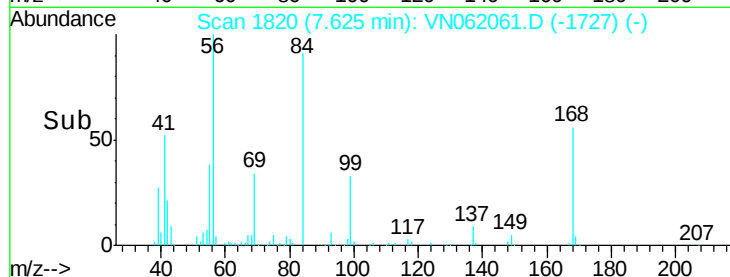
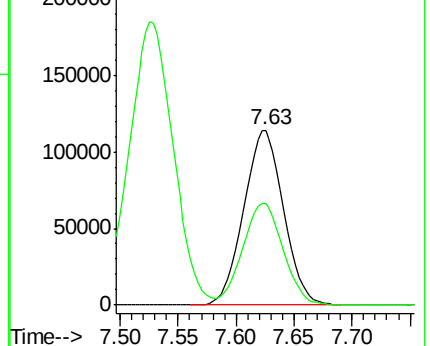
168 100

99 57.7 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 135.831 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN062061.D

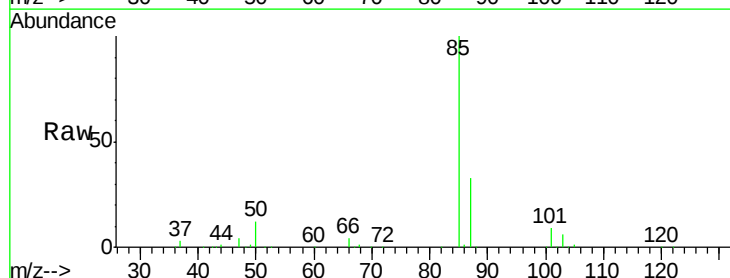
Acq: 24 Jun 2020 11:42

Tgt Ion: 85 Resp: 412977

Ion Ratio Lower Upper

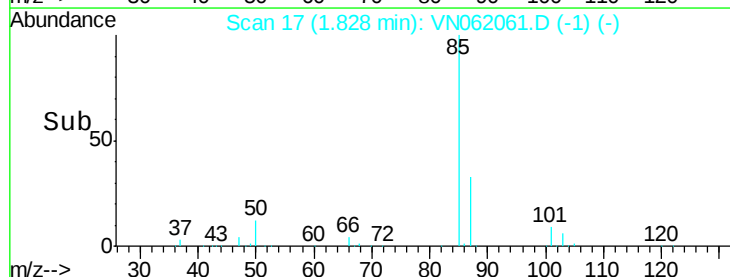
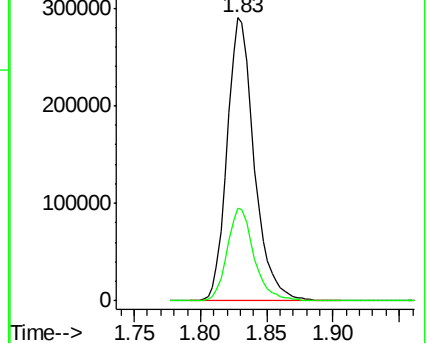
85 100

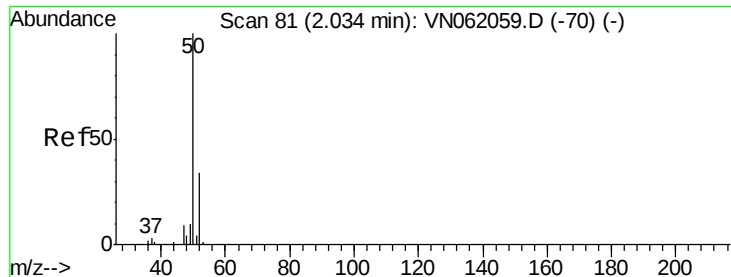
87 32.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 143.038 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

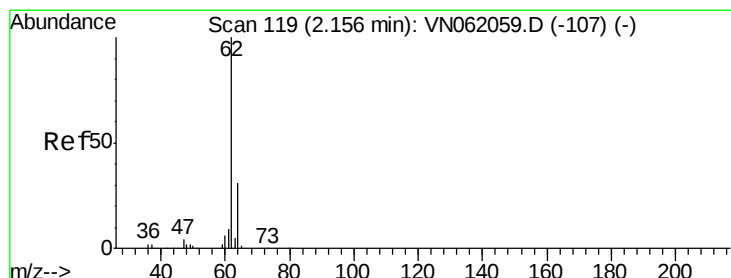
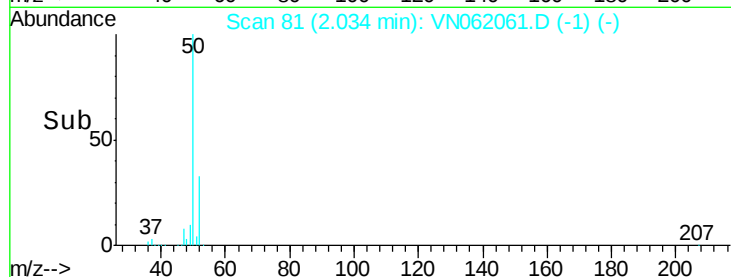
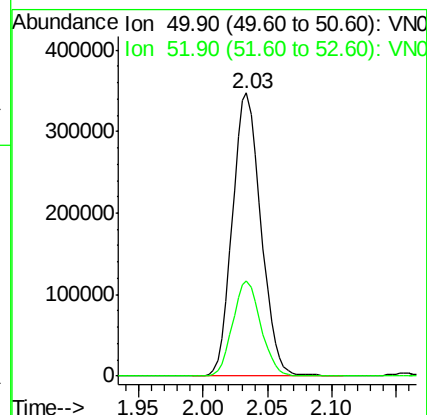
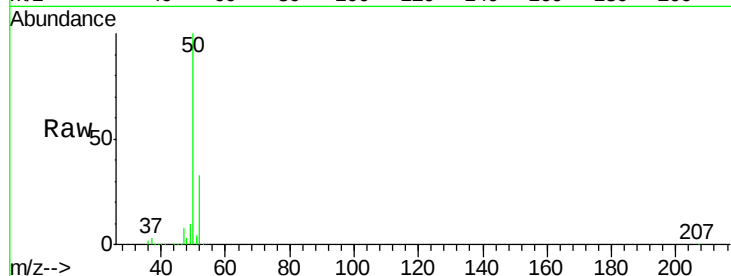
VSTDIC150

Tgt Ion: 50 Resp: 532683

Ion Ratio Lower Upper

50 100

52 33.5 27.0 40.6



#4

Vinyl Chloride

Concen: 149.061 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062061.D

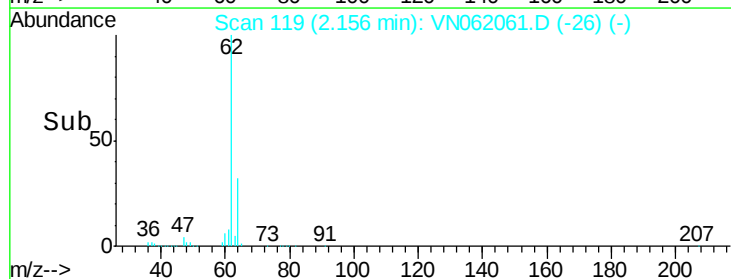
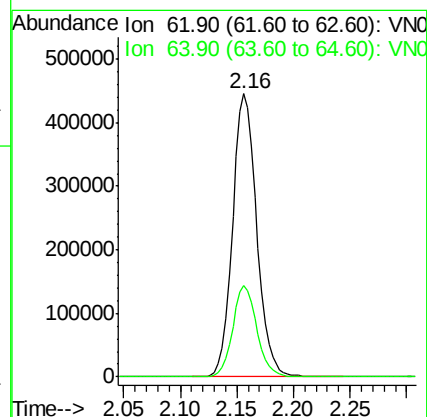
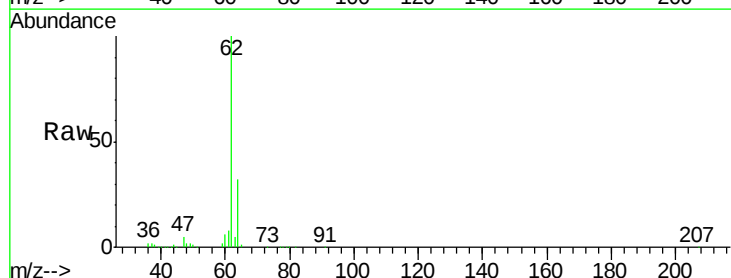
Acq: 24 Jun 2020 11:42

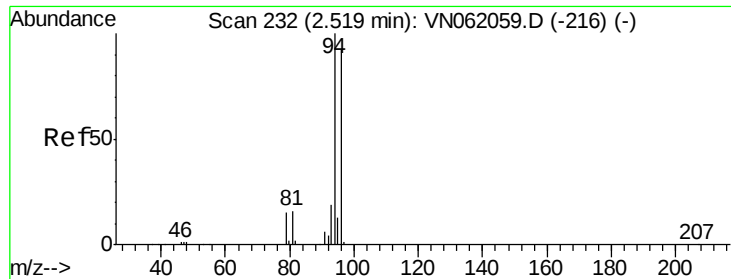
Tgt Ion: 62 Resp: 662530

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 133.308 ug/l

RT: 2.49 min Scan# 224

Delta R.T. -0.03 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

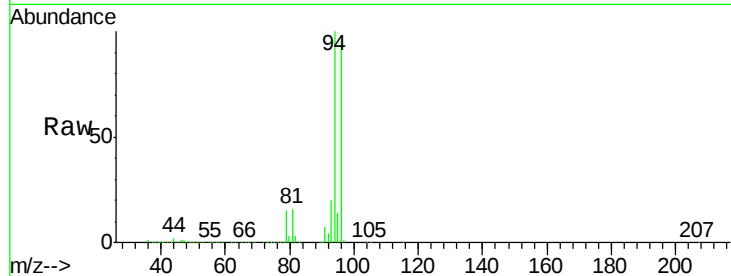
VSTDIC150

Tgt Ion: 94 Resp: 447787

Ion Ratio Lower Upper

94 100

96 95.5 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062059.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062059.D (-216) (-)

2.49

250000

200000

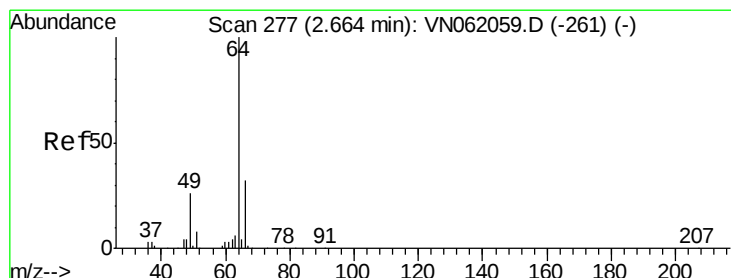
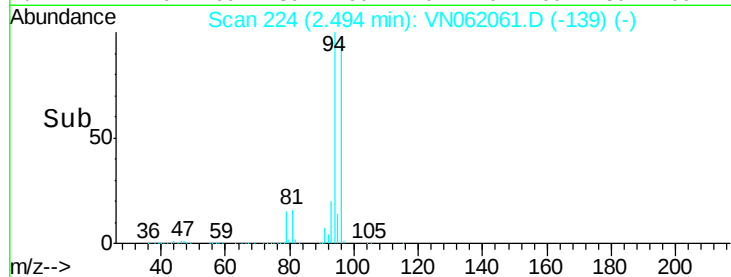
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 149.132 ug/l

RT: 2.65 min Scan# 272

Delta R.T. -0.02 min

Lab File: VN062061.D

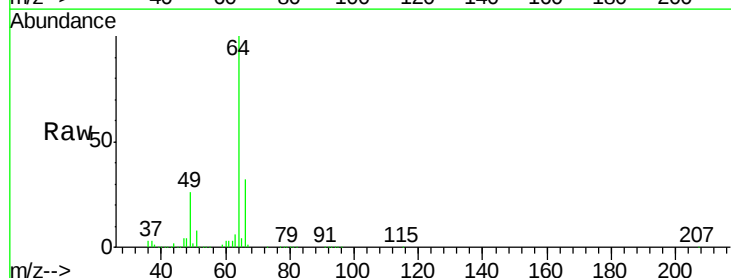
Acq: 24 Jun 2020 11:42

Tgt Ion: 64 Resp: 452839

Ion Ratio Lower Upper

64 100

66 32.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062059.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062059.D (-261) (-)

2.65

250000

200000

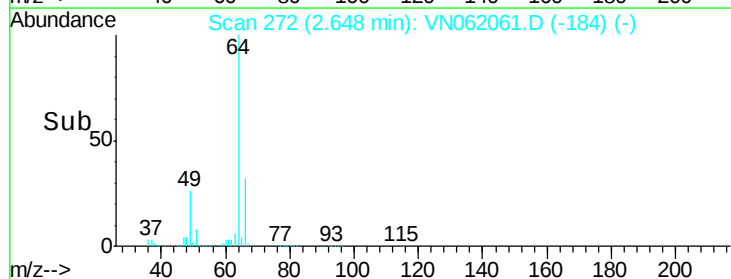
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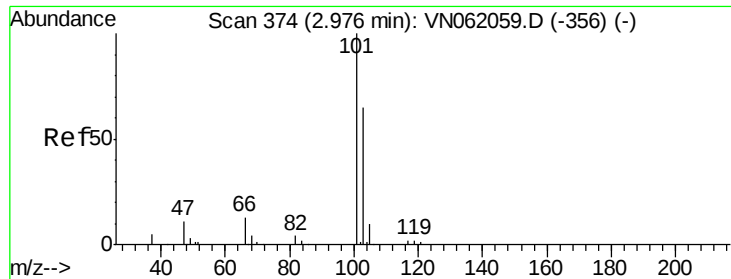
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50000

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Time-->



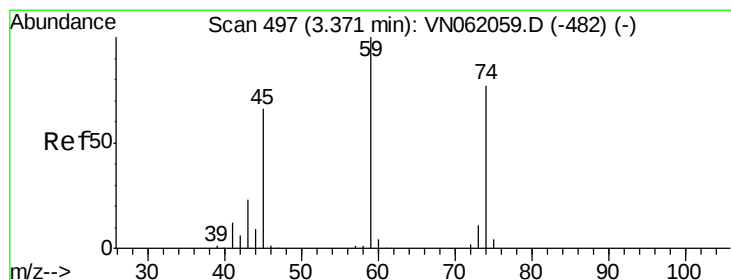
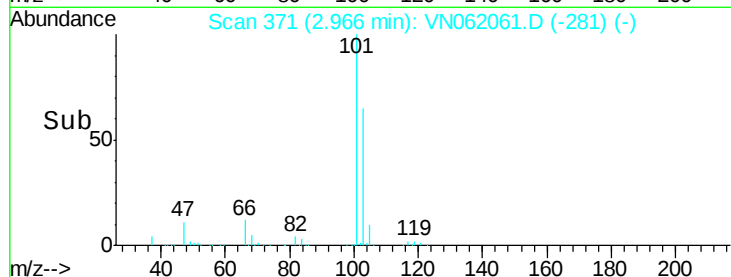
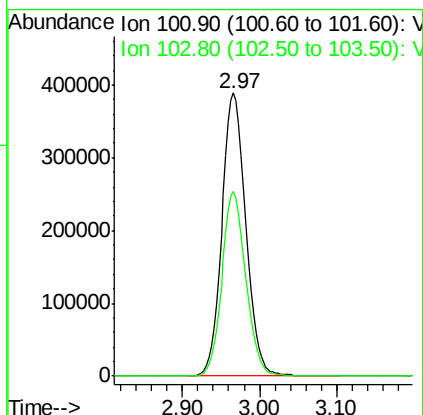
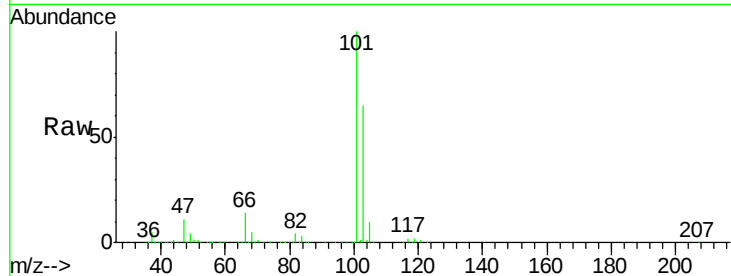


#7

Trichlorofluoromethane
 Concen: 158.454 ug/l
 RT: 2.97 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

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 VSTDIC150

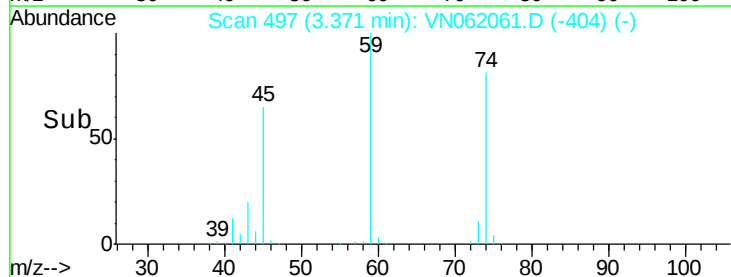
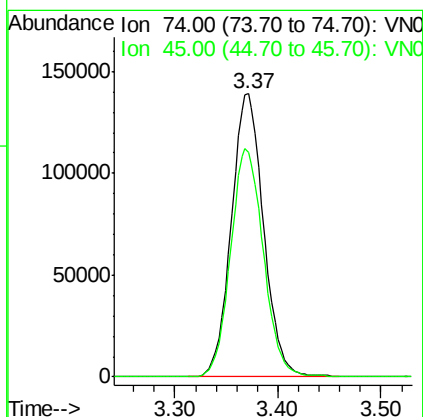
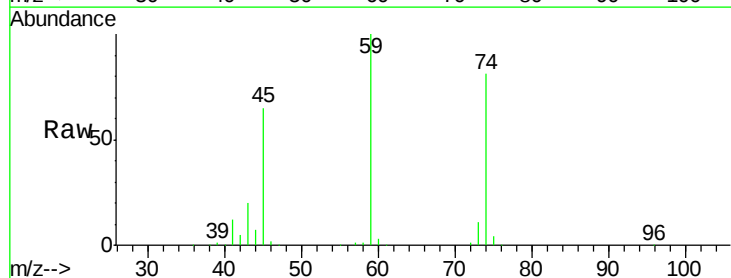
Tgt Ion:101 Resp: 835287
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.8 77.6

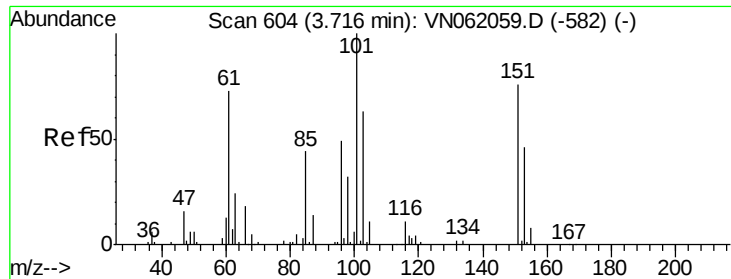


#8

Diethyl Ether
 Concen: 167.214 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion: 74 Resp: 303211
 Ion Ratio Lower Upper
 74 100
 45 82.0 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 151.434 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.01 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

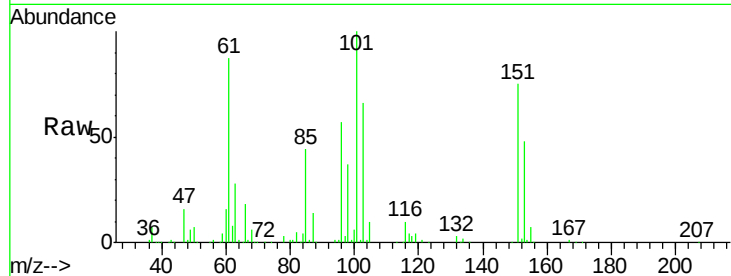
Tgt Ion:101 Resp: 419409

Ion Ratio Lower Upper

101 100

85 44.2 34.5 51.7

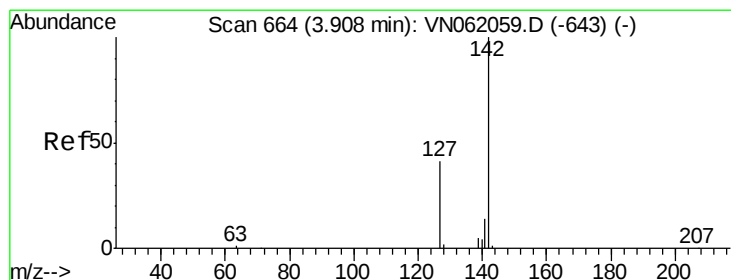
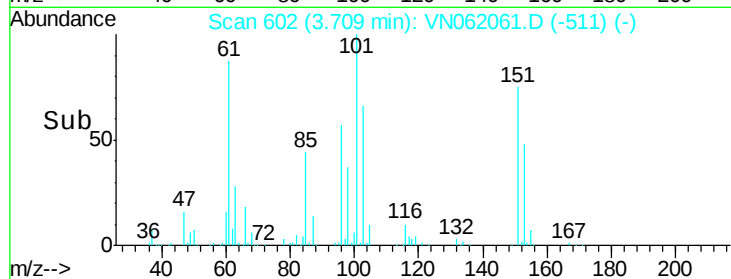
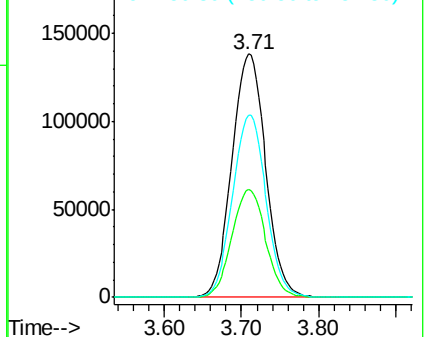
151 74.4 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 184.139 ug/l

RT: 3.90 min Scan# 662

Delta R.T. -0.01 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

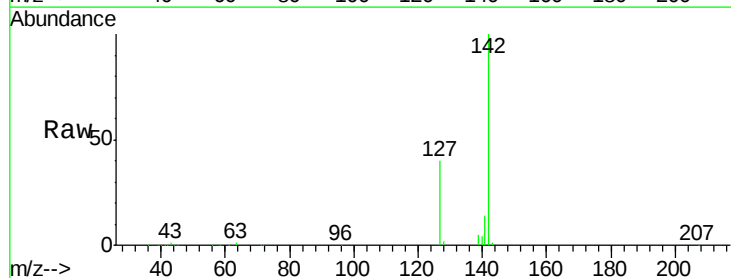
Tgt Ion:142 Resp: 556481

Ion Ratio Lower Upper

142 100

127 41.9 33.6 50.4

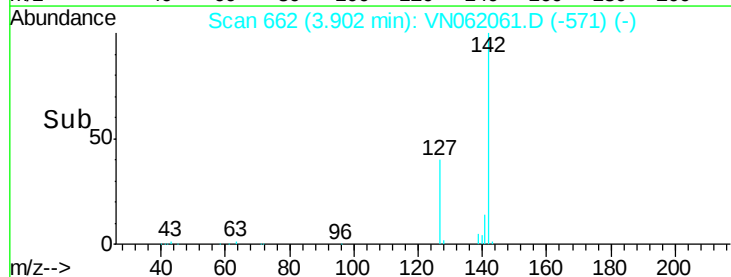
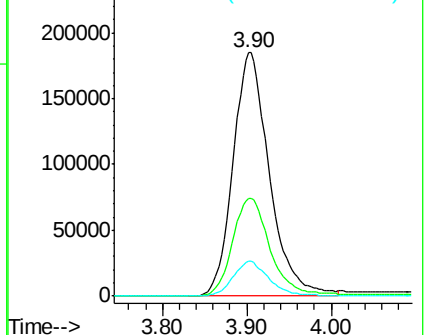
141 14.1 11.3 16.9

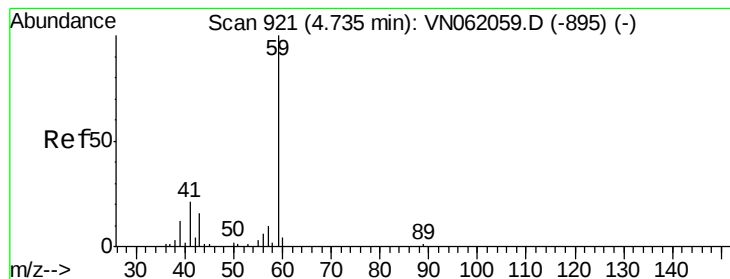


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



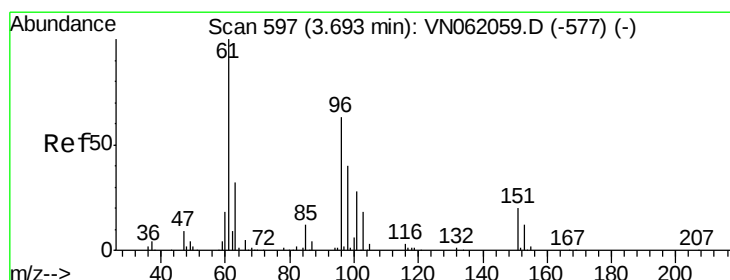
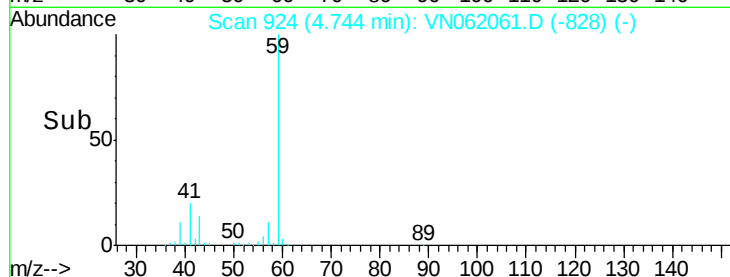
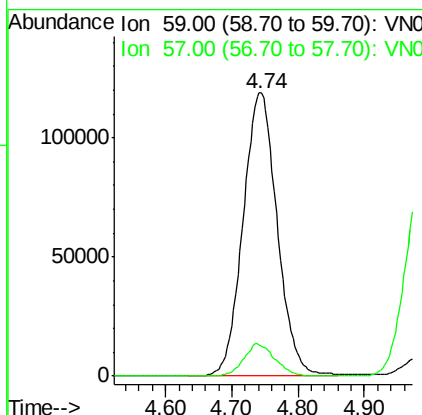
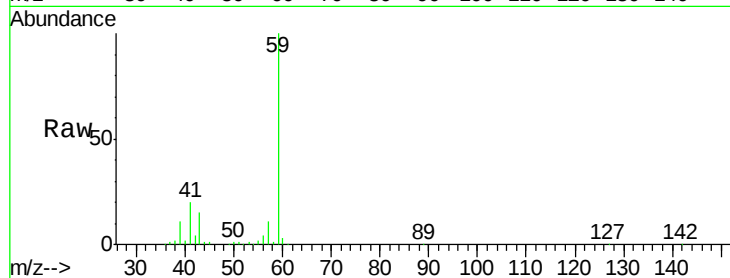


#11

Tert butyl alcohol
 Concen: 835.594 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

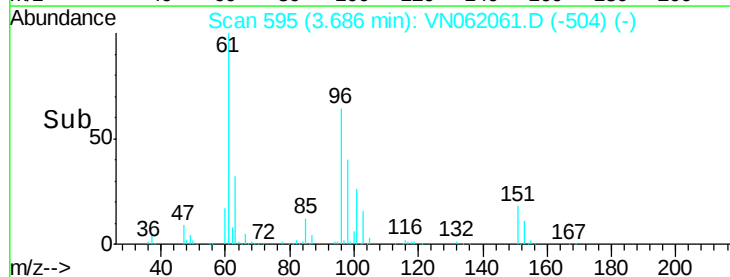
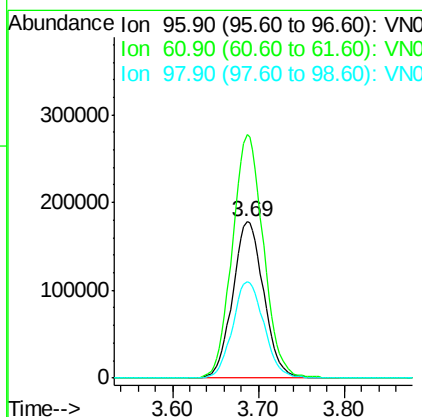
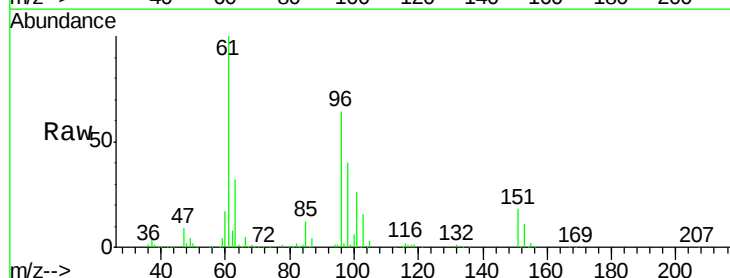
Tgt Ion: 59 Resp: 426201
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

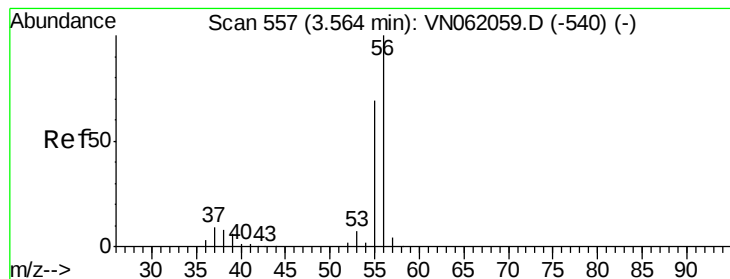


#12

1,1-Dichloroethene
 Concen: 161.359 ug/l
 RT: 3.69 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion: 96 Resp: 447036
 Ion Ratio Lower Upper
 96 100
 61 155.9 126.7 190.1
 98 61.8 51.0 76.4





#13

Acrolein

Concen: 1212.364 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

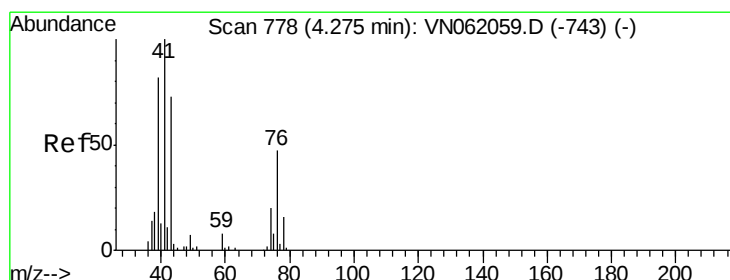
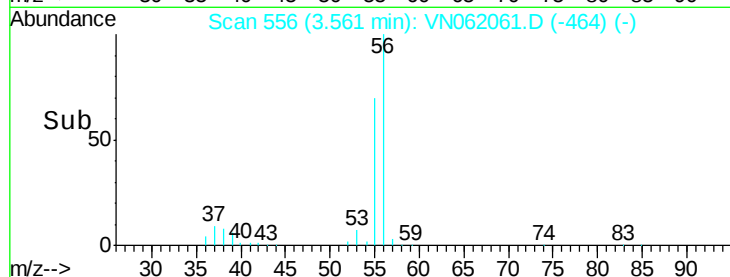
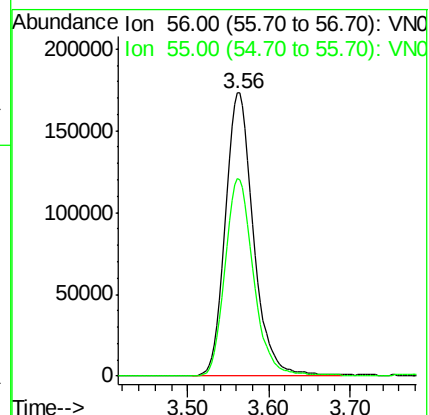
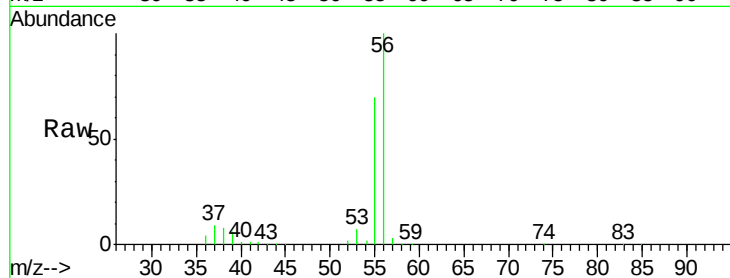
VSTDIC150

Tgt Ion: 56 Resp: 423205

Ion Ratio Lower Upper

56 100

55 70.7 55.5 83.3



#14

Allyl chloride

Concen: 175.131 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.01 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

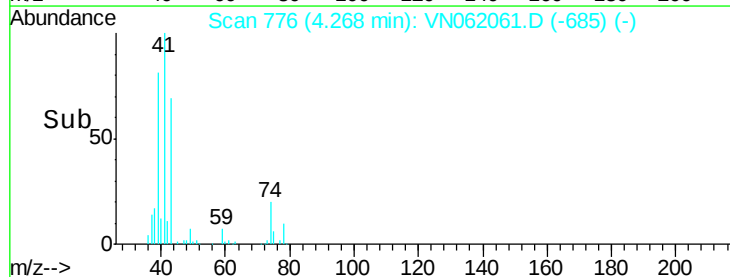
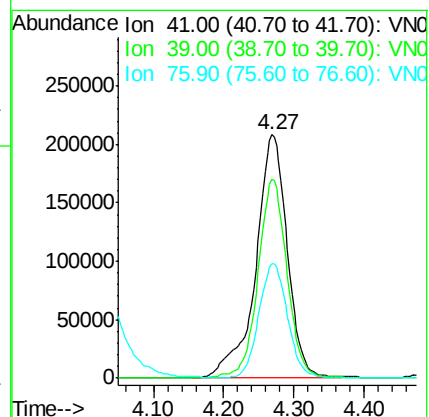
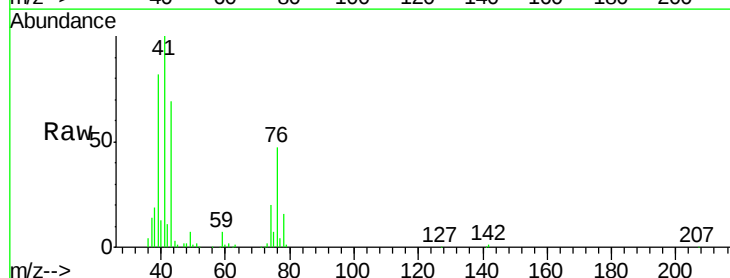
Tgt Ion: 41 Resp: 651583

Ion Ratio Lower Upper

41 100

39 75.1 60.0 90.0

76 41.9 34.1 51.1





#15

Acrylonitrile

Concen: 912.211 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

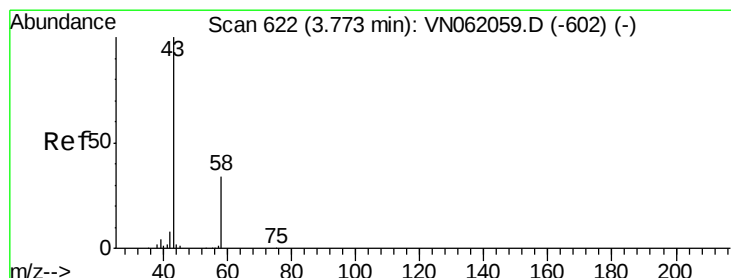
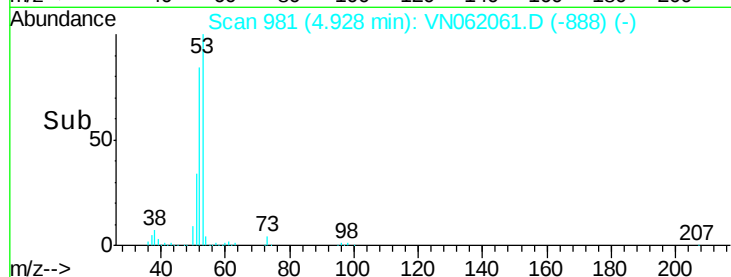
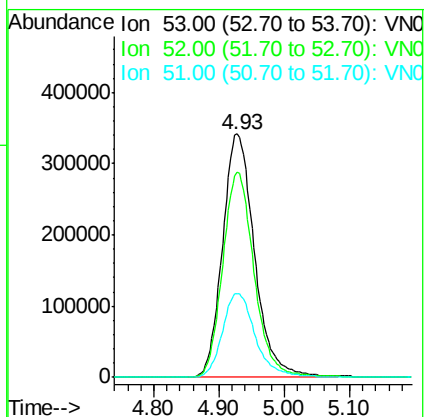
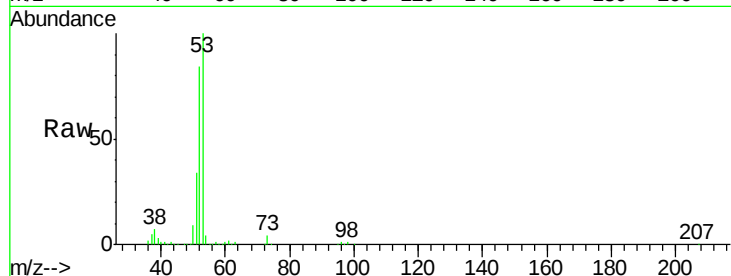
Tgt Ion: 53 Resp: 1161788

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.4

51 35.5 28.9 43.3



#16

Acetone

Concen: 811.352 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062061.D

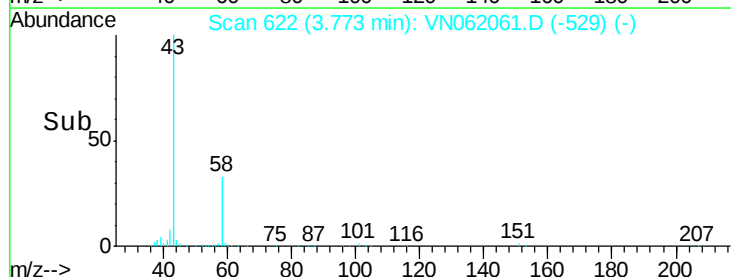
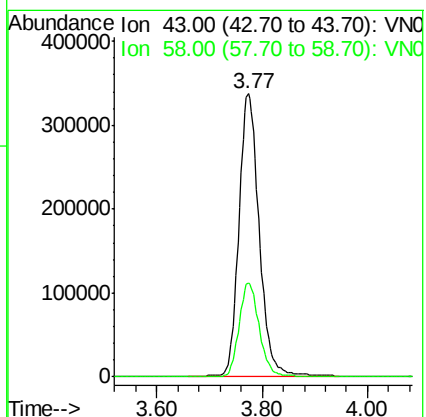
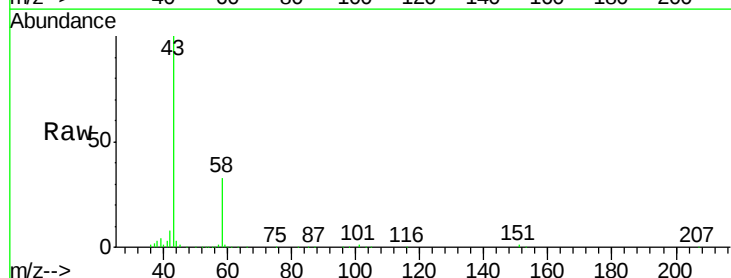
Acq: 24 Jun 2020 11:42

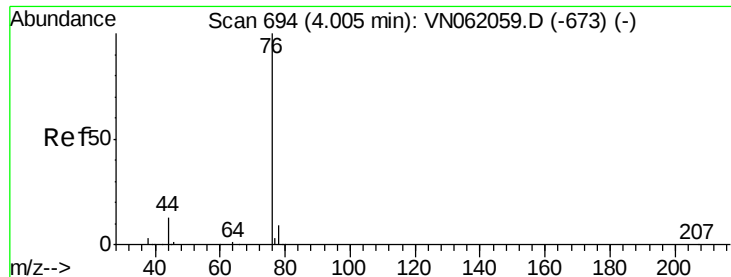
Tgt Ion: 43 Resp: 902628

Ion Ratio Lower Upper

43 100

58 33.3 27.5 41.3

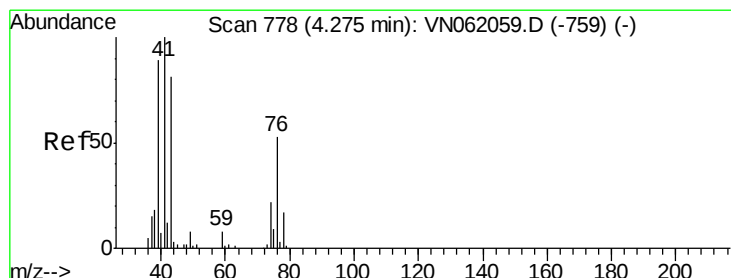
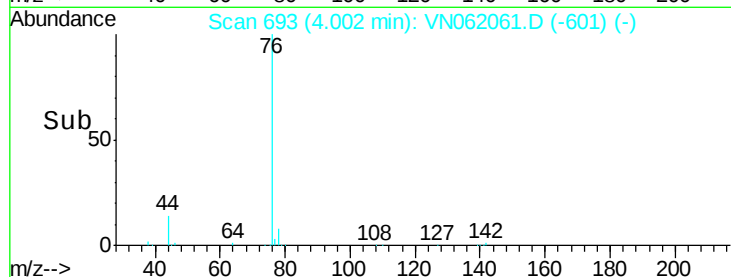
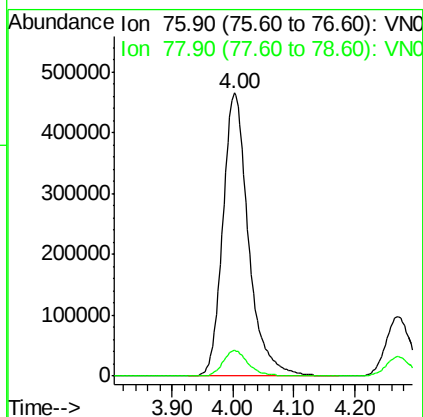
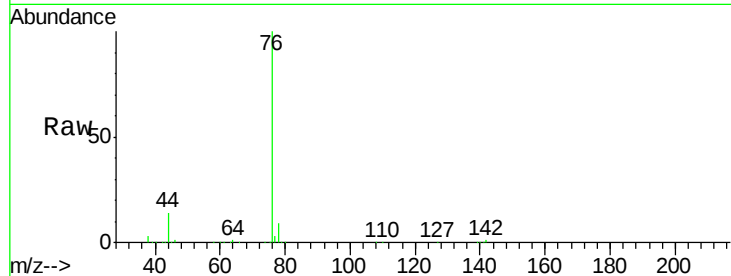




#17
Carbon Disulfide
Concen: 166.473 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

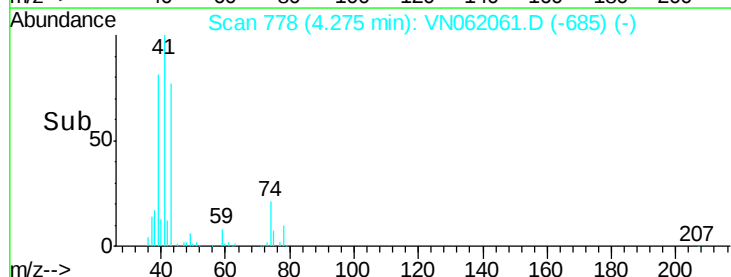
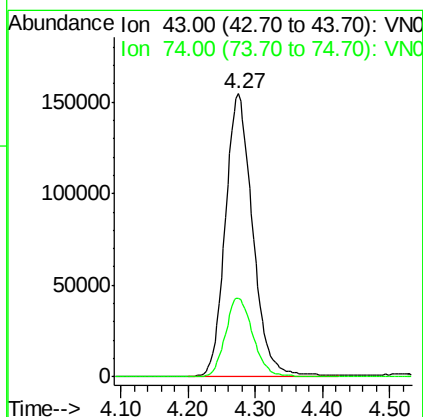
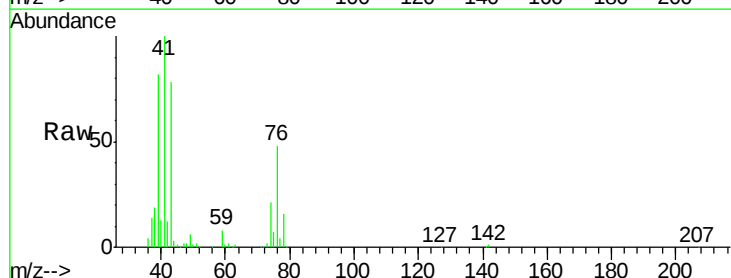
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

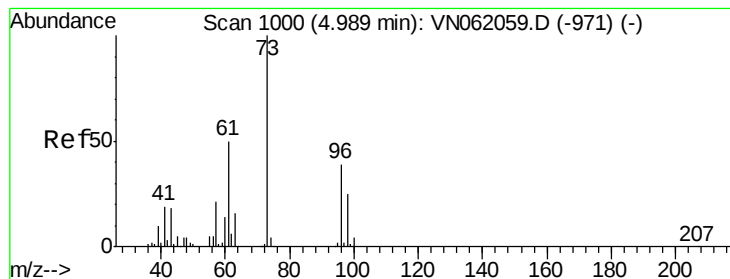
Tgt Ion: 76 Resp: 1356949
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 142.880 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion: 43 Resp: 434296
Ion Ratio Lower Upper
43 100
74 28.2 22.9 34.3





#19

Methyl tert-butyl Ether

Concen: 164.691 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

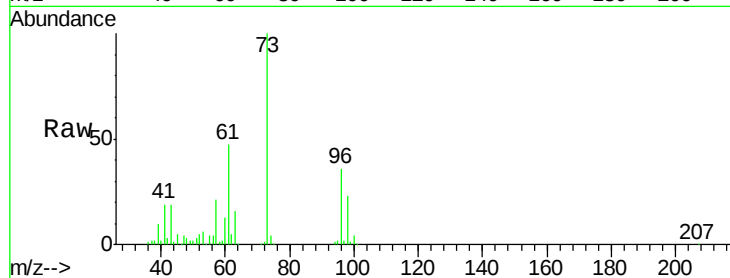
VSTDIC150

Tgt Ion: 73 Resp: 1519544

Ion Ratio Lower Upper

73 100

57 21.2 16.6 24.8



Abundance Ion 73.00 (72.70 to 73.70): VN062059.D (-971) (-)

Ion 57.00 (56.70 to 57.70): VN062059.D (-971) (-)

4.99

400000

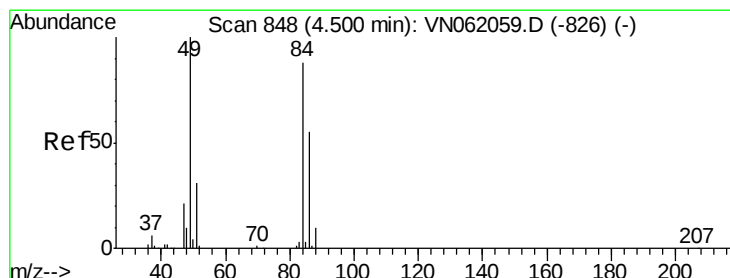
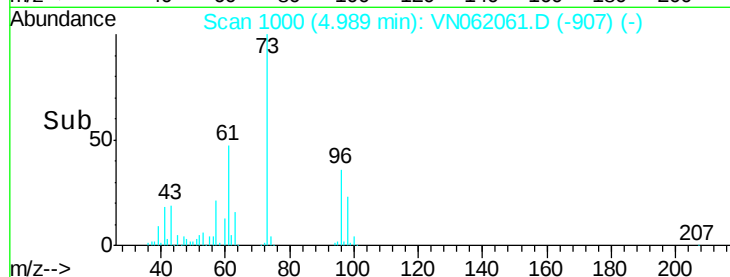
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 149.869 ug/l

RT: 4.50 min Scan# 847

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Tgt Ion: 84 Resp: 529234

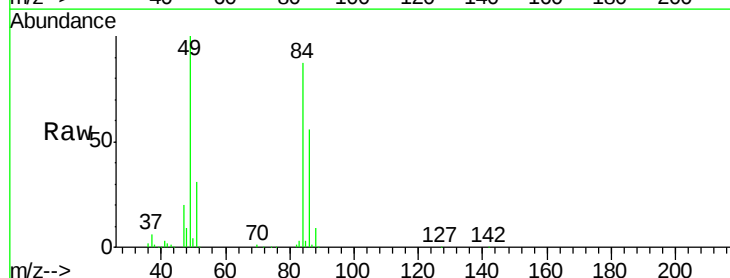
Ion Ratio Lower Upper

84 100

49 114.4 90.6 136.0

51 35.2 27.8 41.8

86 64.1 50.1 75.1



Abundance Ion 83.90 (83.60 to 84.60): VN062059.D (-826) (-)

Ion 48.90 (48.60 to 49.60): VN062059.D (-826) (-)

Ion 50.90 (50.60 to 51.60): VN062059.D (-826) (-)

Ion 85.90 (85.60 to 86.60): VN062059.D (-826) (-)

250000

200000

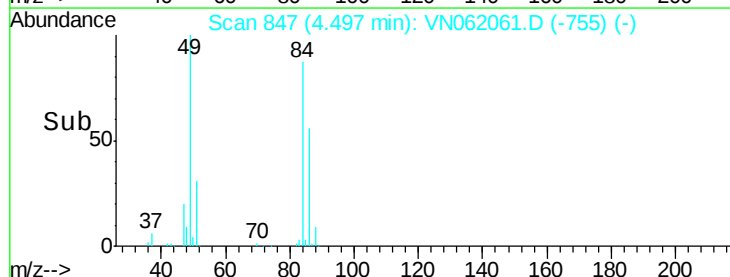
150000

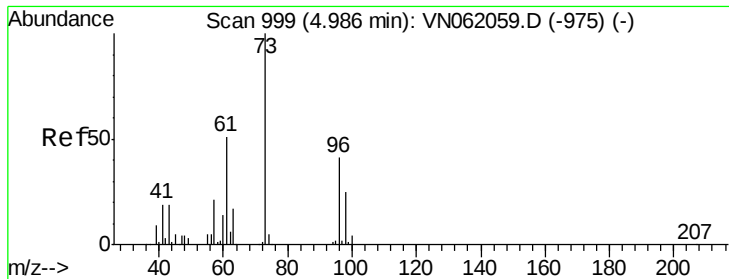
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 158.360 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

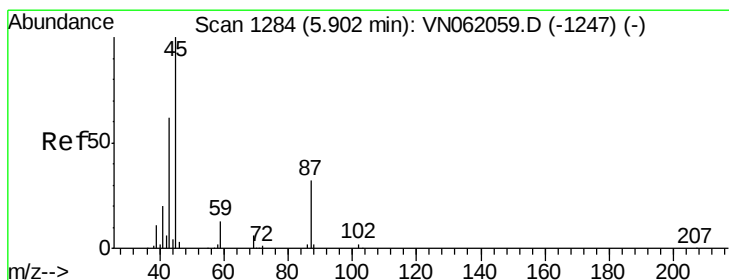
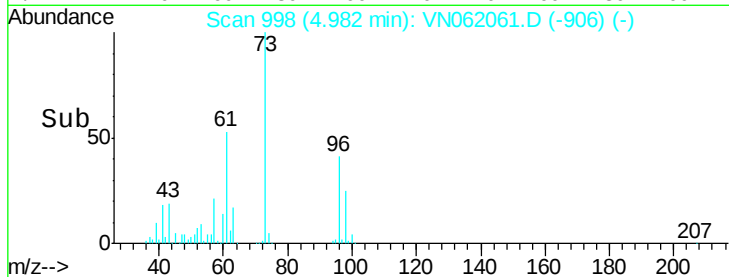
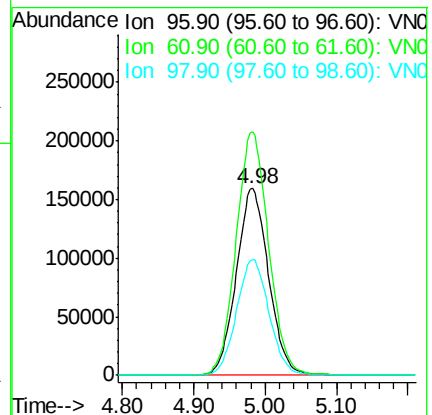
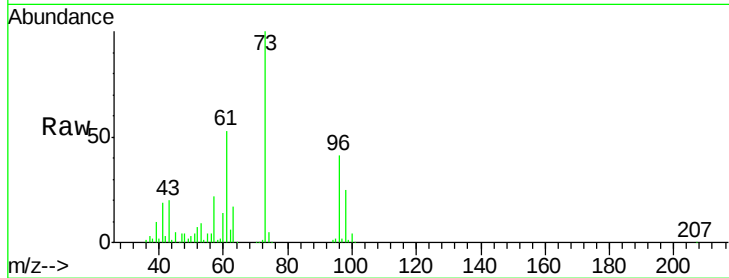
Tgt Ion: 96 Resp: 503560

Ion Ratio Lower Upper

96 100

61 130.2 101.4 152.2

98 62.0 49.3 73.9



#22

Diisopropyl ether

Concen: 176.820 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Tgt Ion: 45 Resp: 1503078

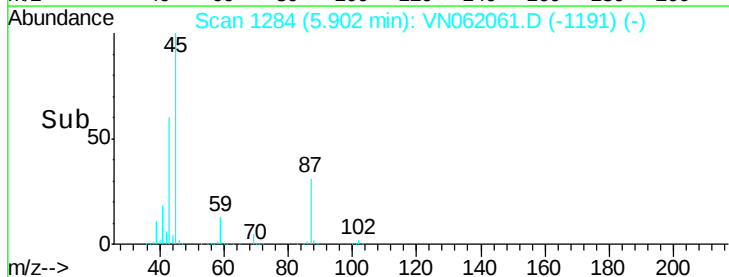
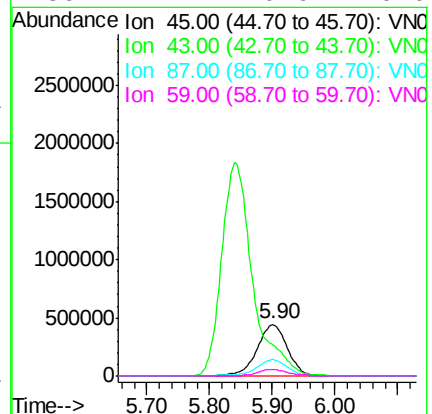
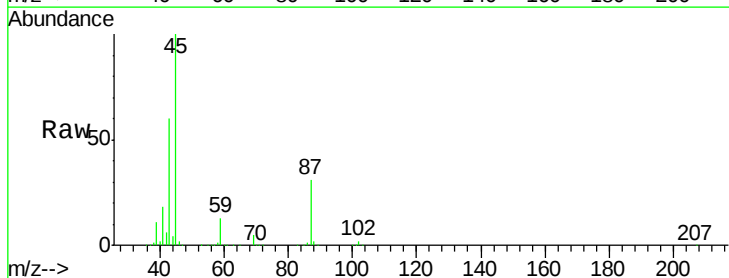
Ion Ratio Lower Upper

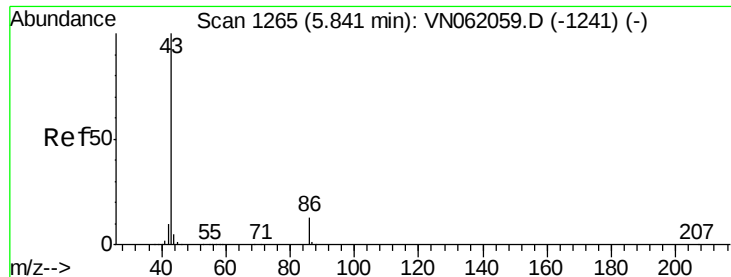
45 100

43 59.2 49.7 74.5

87 31.2 25.9 38.9

59 12.4 10.6 16.0





#23

Vinyl Acetate

Concen: 936.458 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

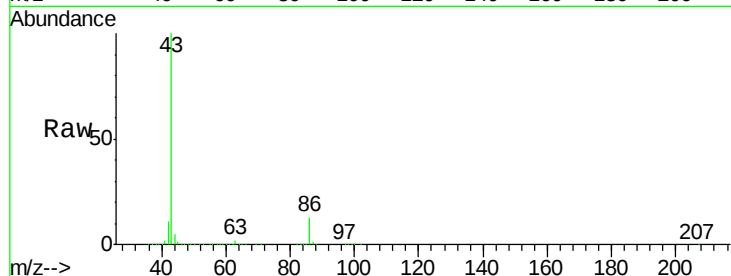
VSTDIC150

Tgt Ion: 43 Resp: 6329477

Ion Ratio Lower Upper

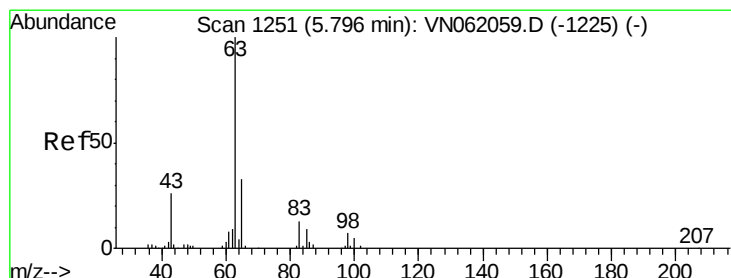
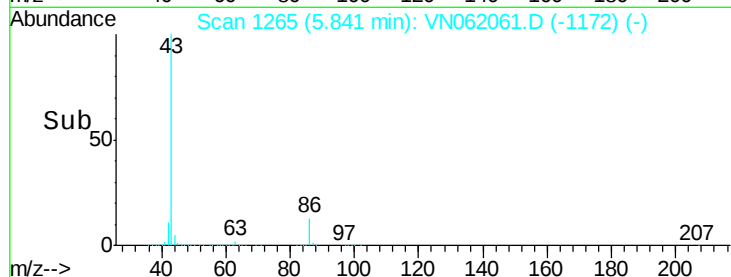
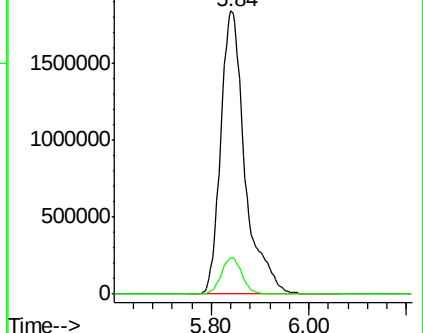
43 100

86 12.7 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1241) (-)

Ion 86.00 (85.70 to 86.70): VN062059.D (-1241) (-)



#24

1,1-Dichloroethane

Concen: 160.913 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

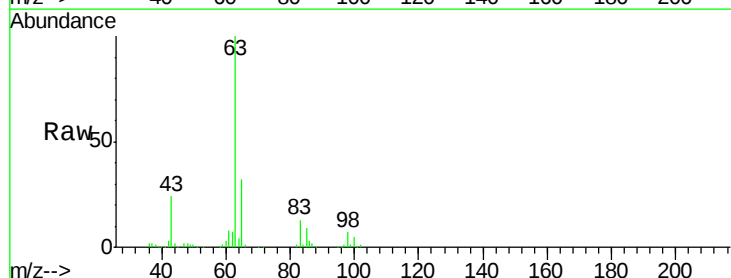
Tgt Ion: 63 Resp: 890669

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

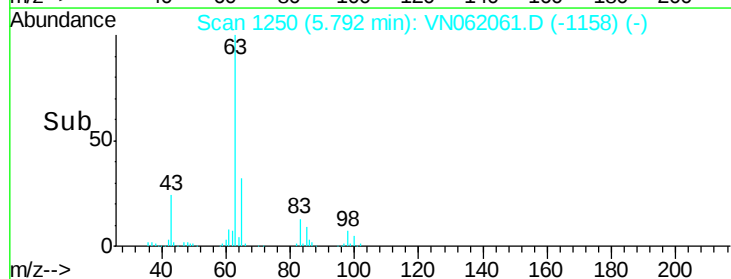
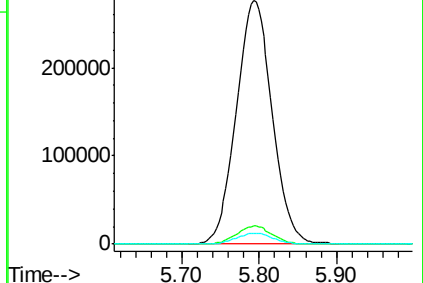
100 4.6 2.4 7.1

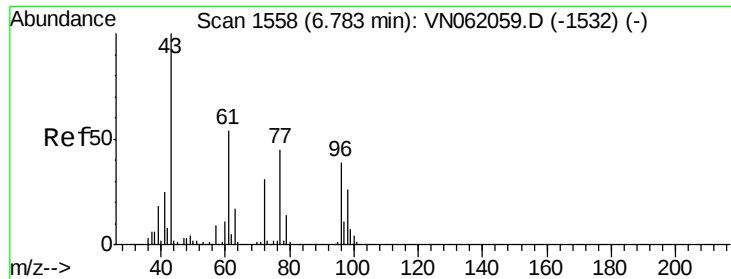


Abundance Ion 62.90 (62.60 to 63.60): VN062059.D (-1225) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1225) (-)

Ion 99.90 (99.60 to 100.60): VN062059.D (-1225) (-)

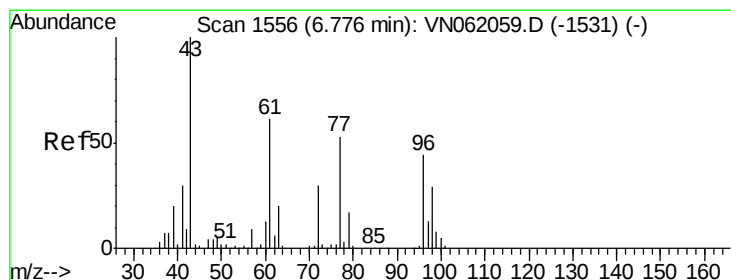
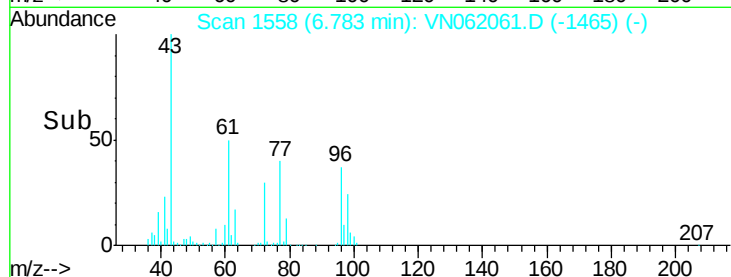
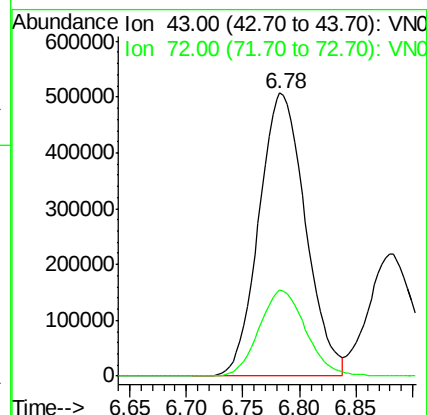
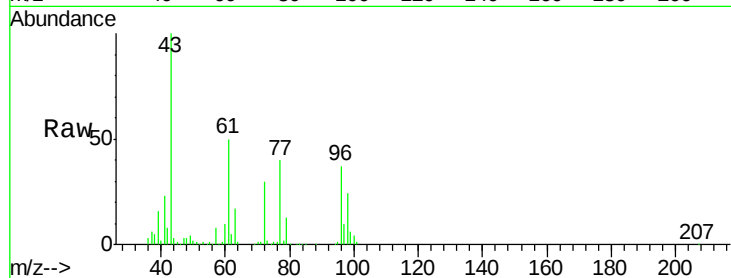




#25
 2-Butanone
 Concen: 898.875 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

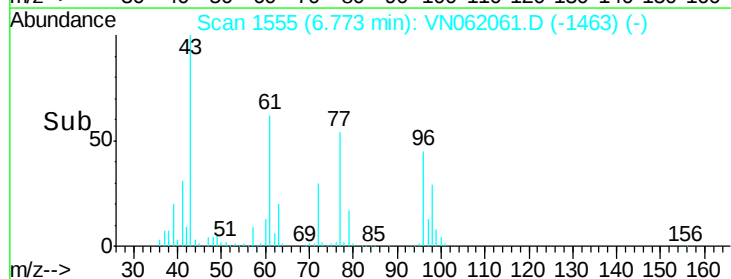
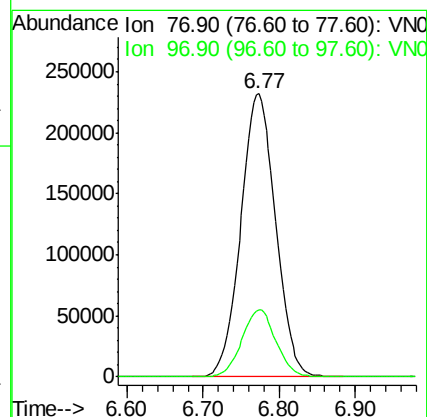
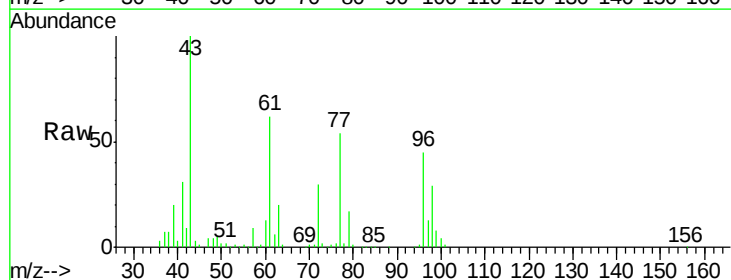
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

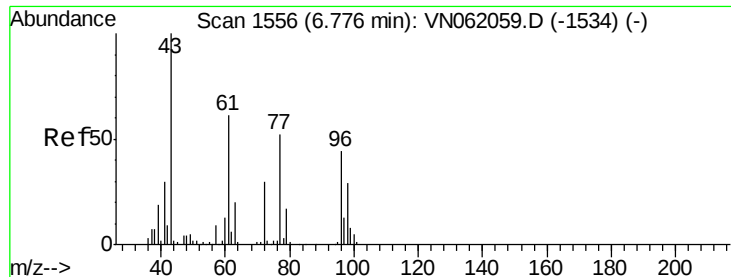
Tgt Ion: 43 Resp: 1443891
 Ion Ratio Lower Upper
 43 100
 72 30.3 24.8 37.2



#26
 2,2-Dichloropropane
 Concen: 157.631 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion: 77 Resp: 737932
 Ion Ratio Lower Upper
 77 100
 97 23.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 155.396 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

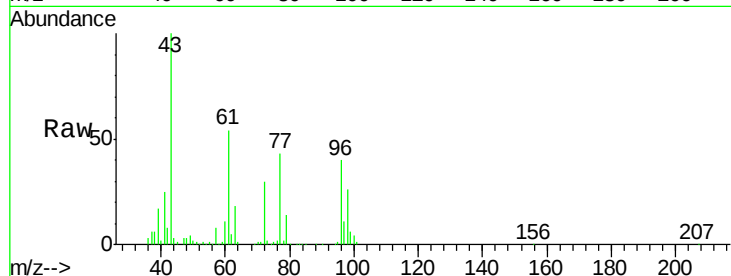
Tgt Ion: 96 Resp: 569251

Ion Ratio Lower Upper

96 100

61 140.3 0.0 280.4

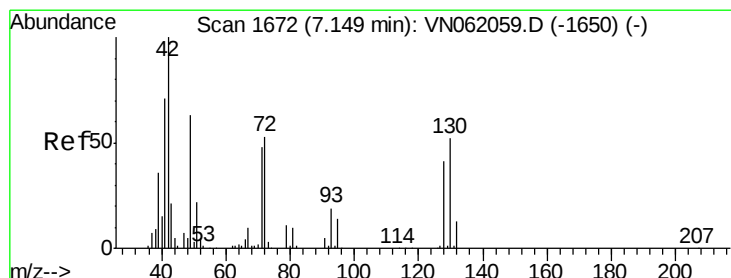
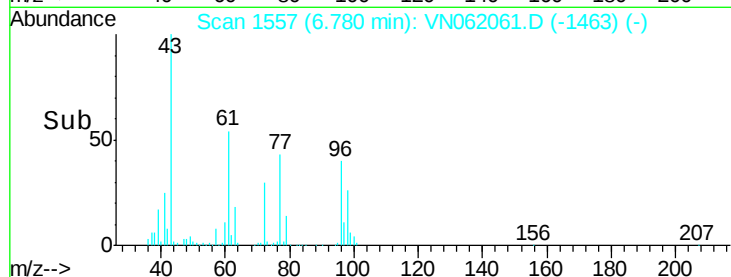
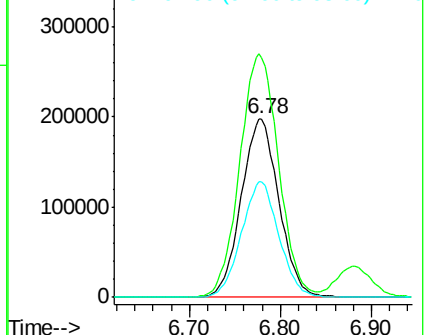
98 64.6 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)



#28

Bromochloromethane

Concen: 165.752 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

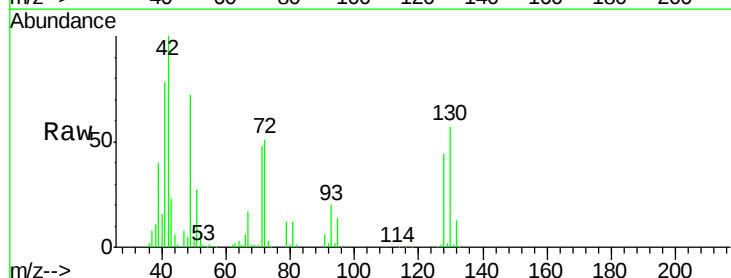
Tgt Ion: 49 Resp: 410021

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

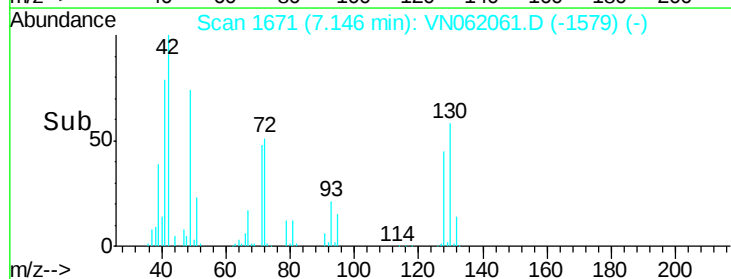
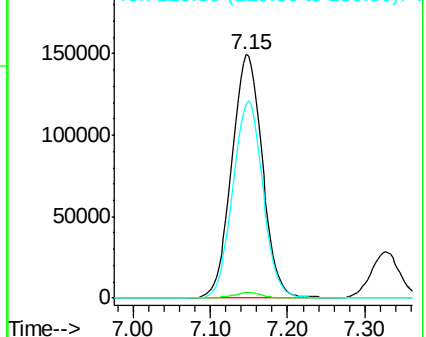
130 79.8 65.5 98.3



Abundance Ion 48.90 (48.60 to 49.60): VN062059.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN062059.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN062059.D (-1650) (-)

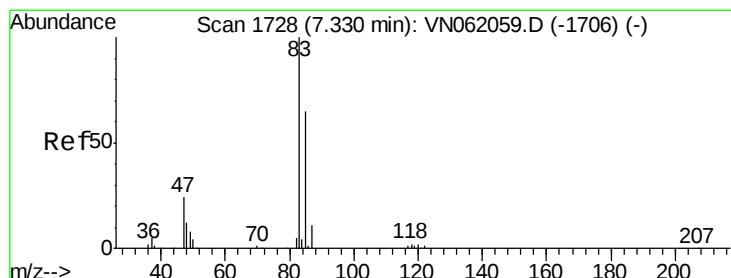
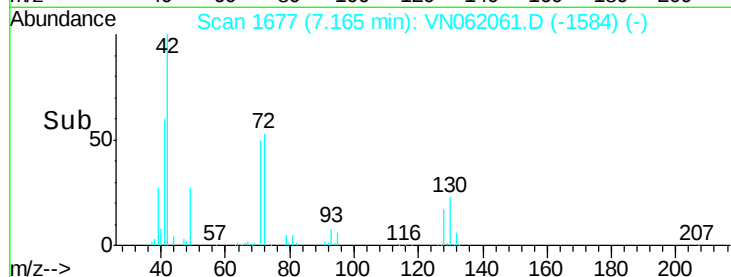
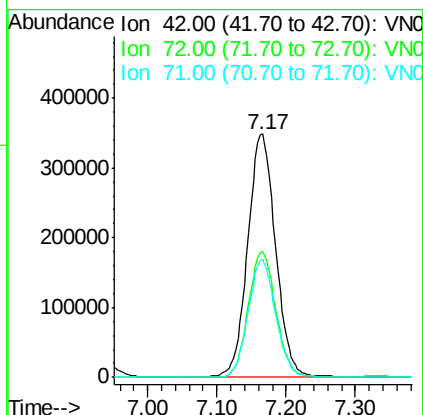
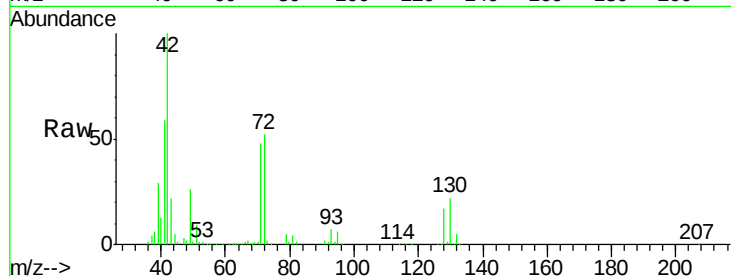




#29
Tetrahydrofuran
Concen: 917.213 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

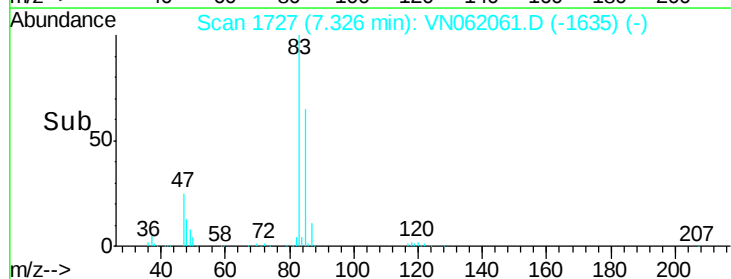
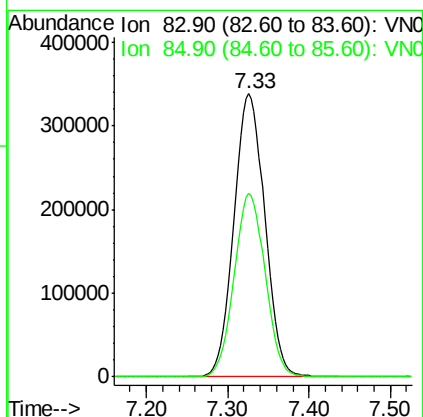
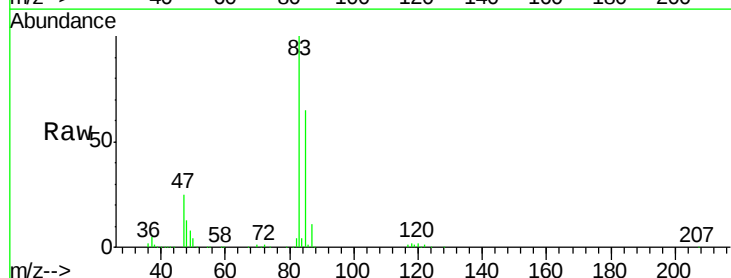
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

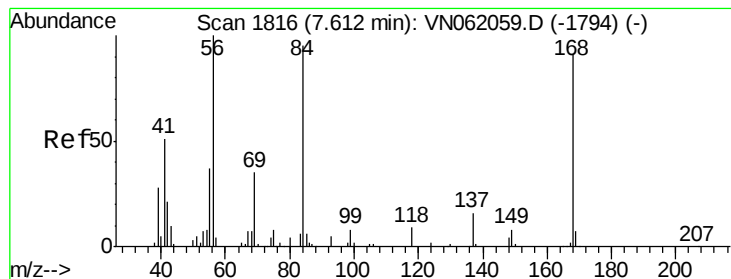
Tgt Ion: 42 Resp: 971217
Ion Ratio Lower Upper
42 100
72 51.3 41.1 61.7
71 47.8 38.2 57.4



#30
Chloroform
Concen: 151.792 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion: 83 Resp: 892533
Ion Ratio Lower Upper
83 100
85 65.0 52.3 78.5





#31

Cyclohexane

Concen: 157.251 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

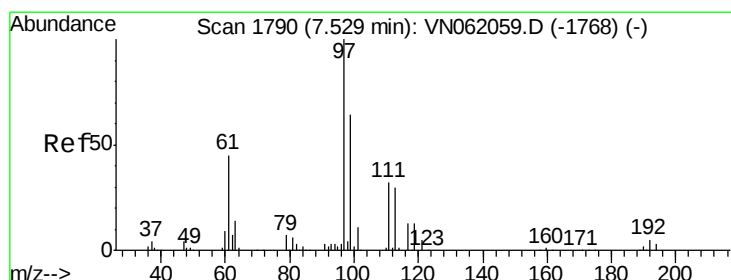
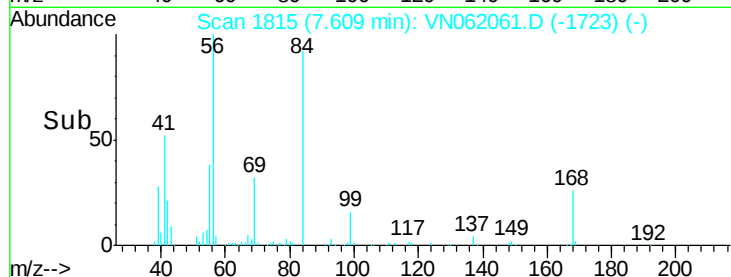
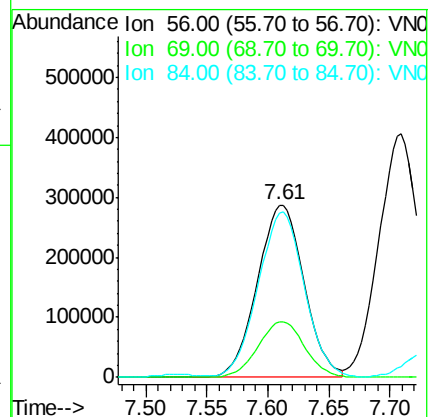
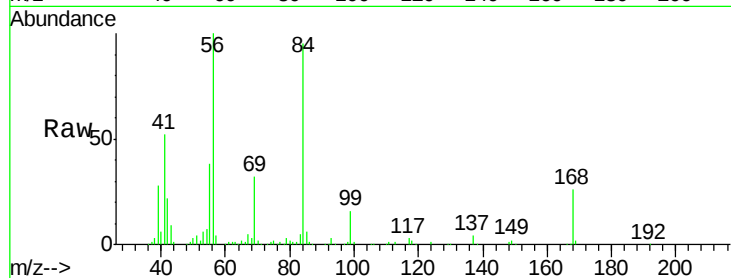
Tgt Ion: 56 Resp: 763123

Ion Ratio Lower Upper

56 100

69 32.3 28.0 42.0

84 94.2 76.1 114.1



#32

1,1,1-Trichloroethane

Concen: 153.265 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

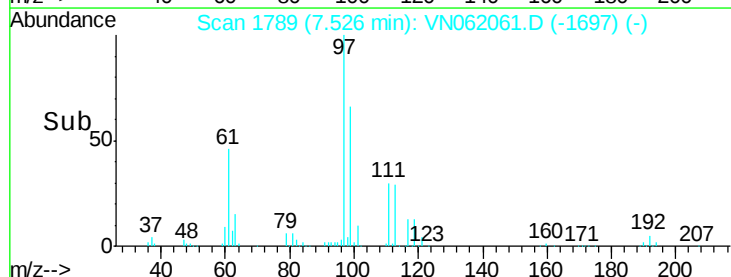
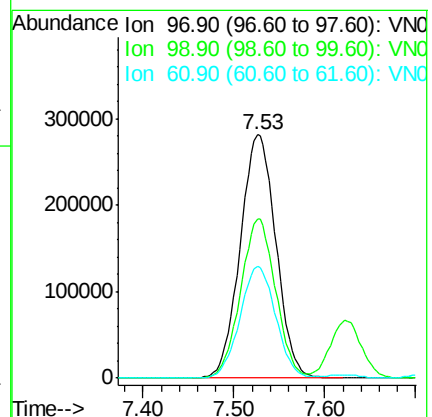
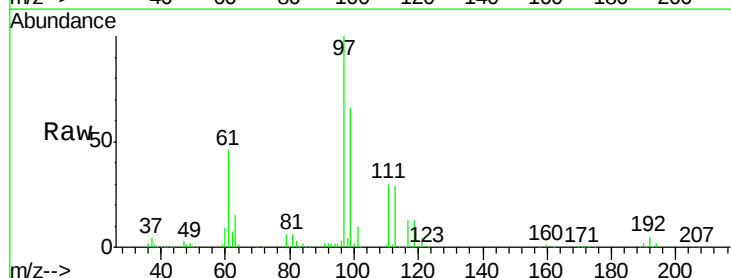
Tgt Ion: 97 Resp: 766378

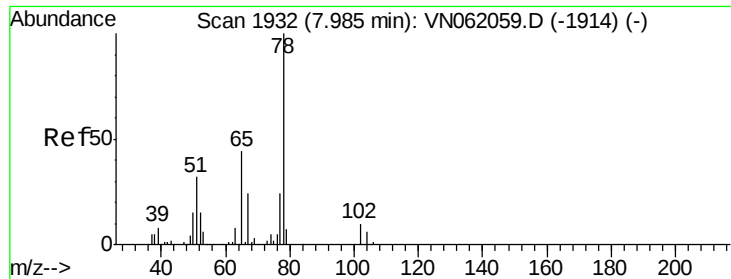
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 46.0 36.2 54.2

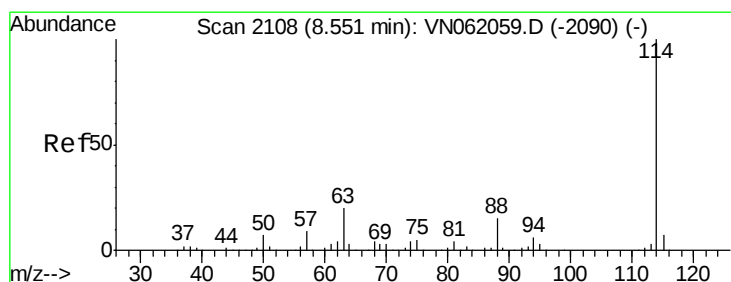
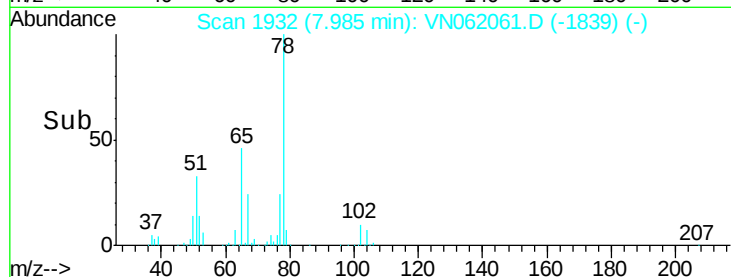
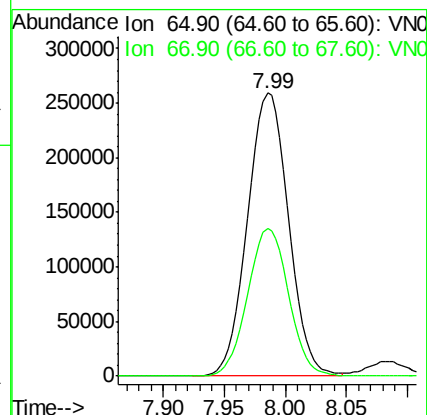
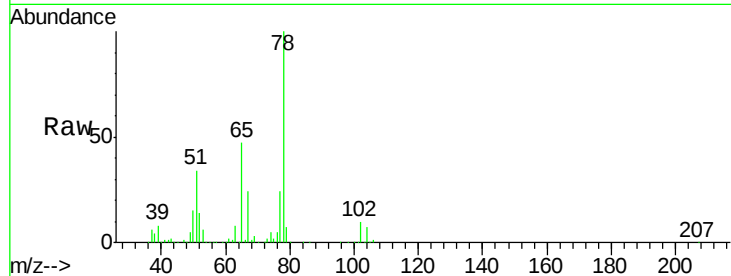




#33
 1,2-Dichloroethane-d4
 Concen: 166.108 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

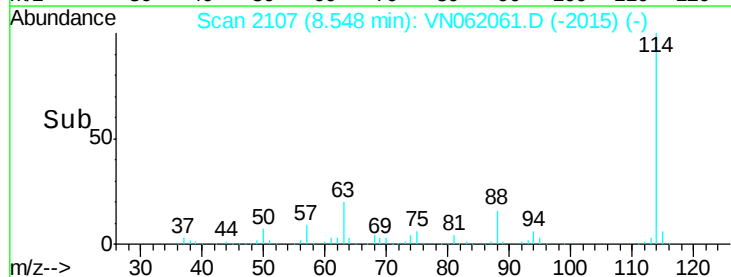
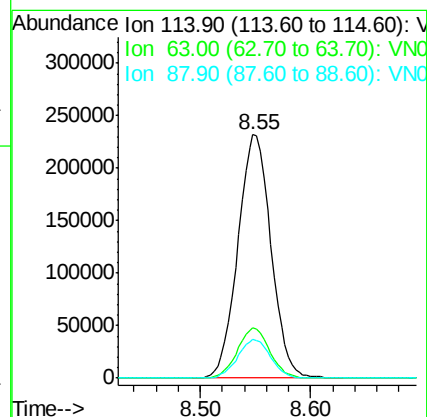
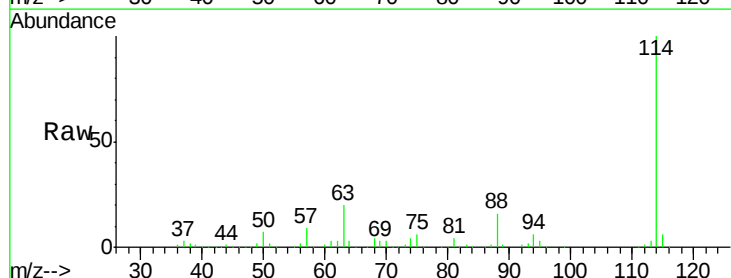
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

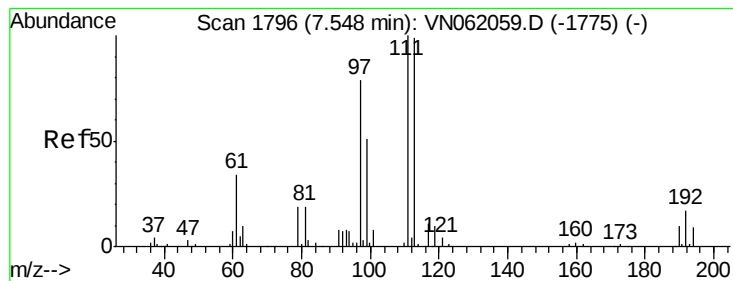
Tgt Ion: 65 Resp: 604236
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion: 114 Resp: 483073
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 15.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 157.501 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

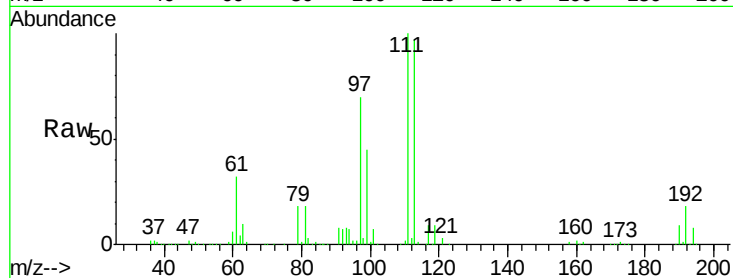
Tgt Ion:113 Resp: 482849

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

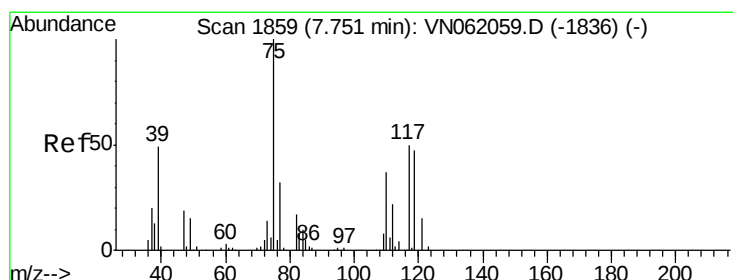
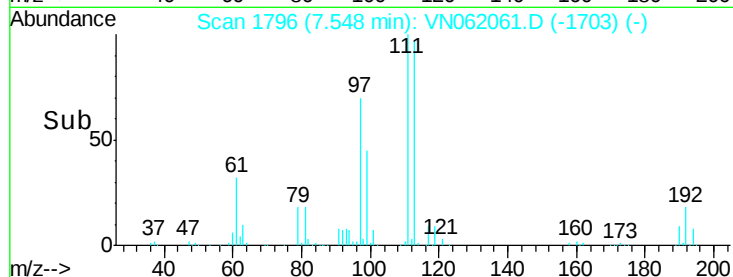
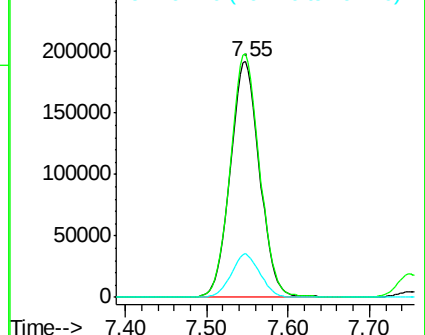
192 18.0 14.0 21.0



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: 158.831 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

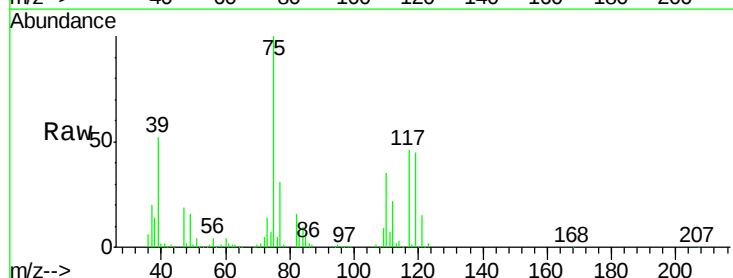
Tgt Ion: 75 Resp: 701393

Ion Ratio Lower Upper

75 100

110 35.2 17.9 53.8

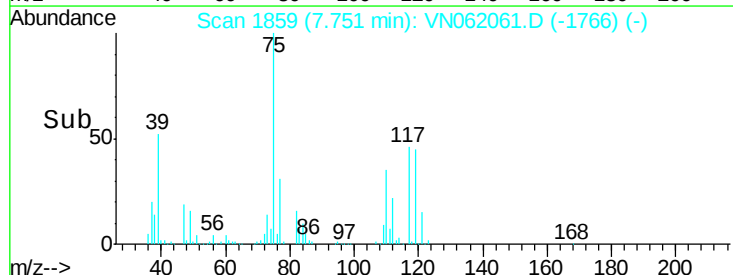
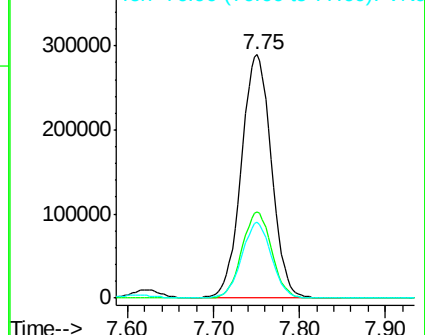
77 31.0 24.9 37.3

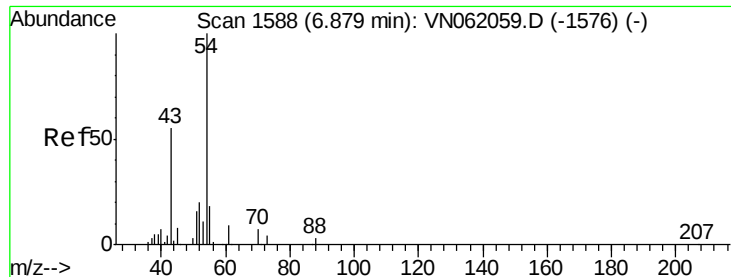


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

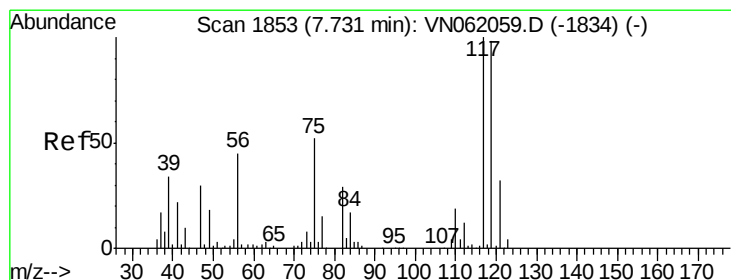
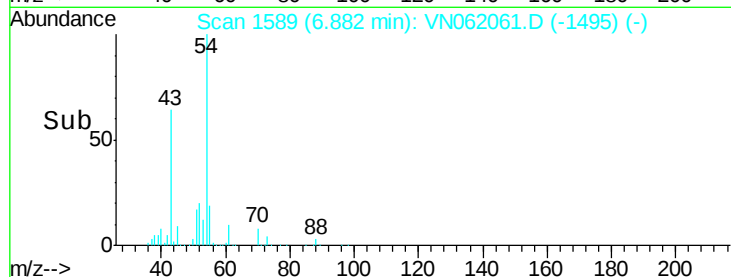
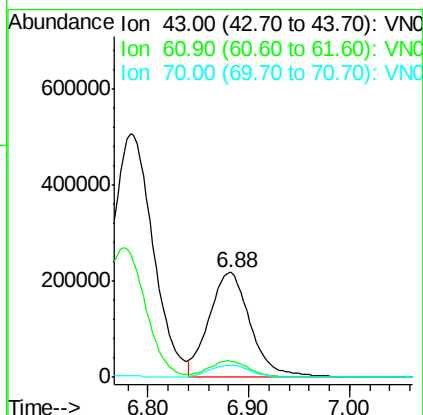
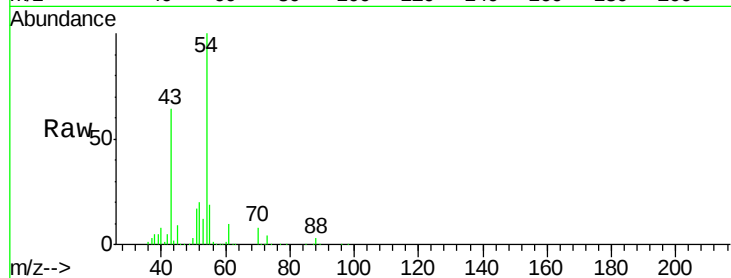




#37
Ethyl Acetate
Concen: 175.744 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

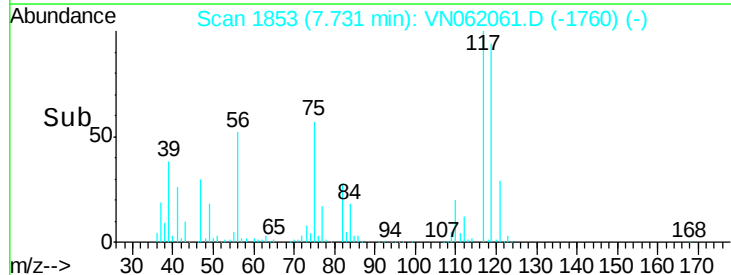
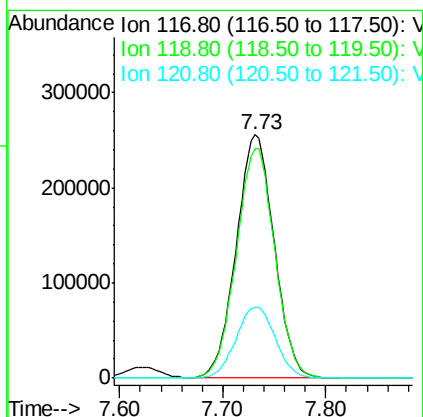
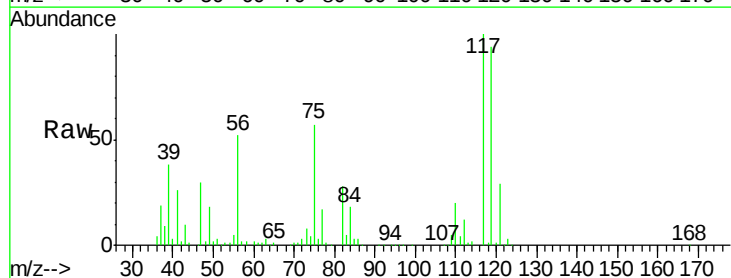
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 614816
Ion Ratio Lower Upper
43 100
61 15.2 12.0 18.0
70 11.6 9.6 14.4



#38
Carbon Tetrachloride
Concen: 149.426 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion: 117 Resp: 649839
Ion Ratio Lower Upper
117 100
119 94.2 78.2 117.2
121 29.0 25.8 38.6

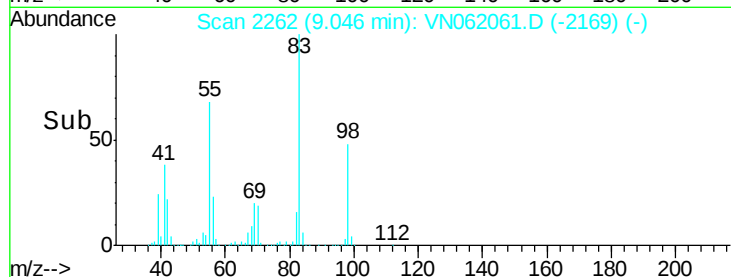
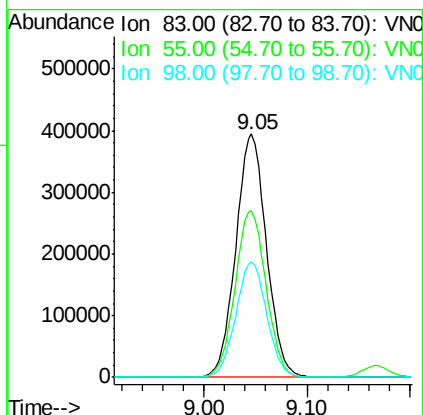
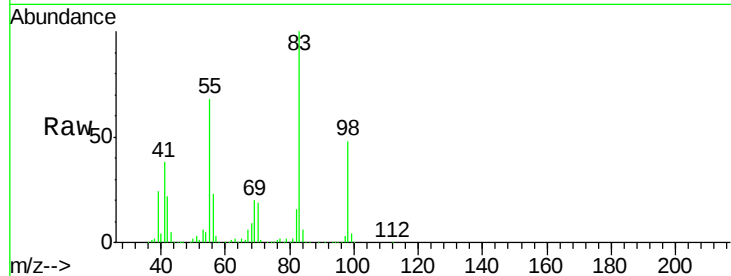




#39
Methylcyclohexane
Concen: 171.209 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

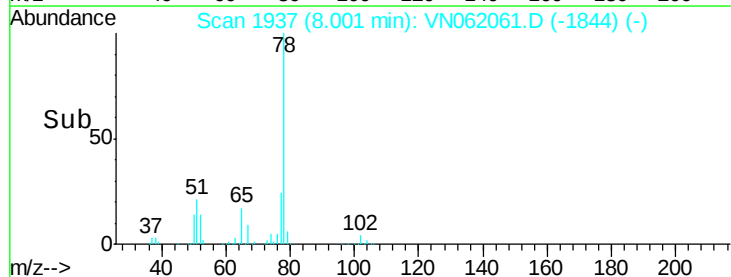
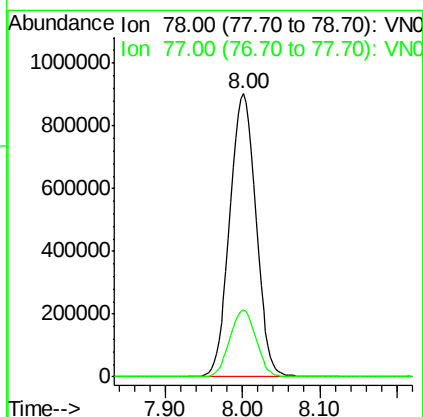
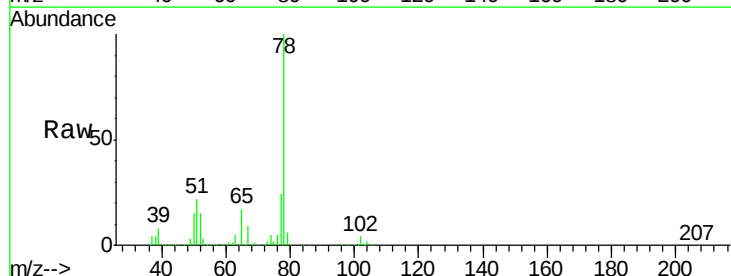
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

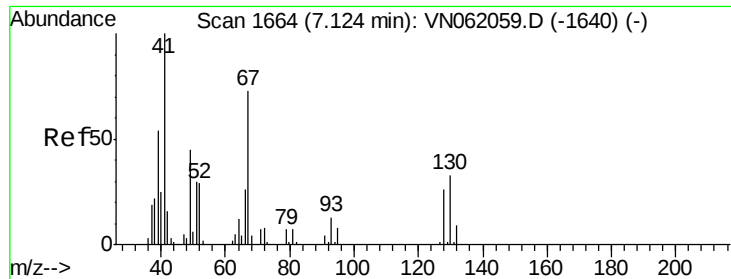
Tgt Ion: 83 Resp: 814503
Ion Ratio Lower Upper
83 100
55 68.4 57.0 85.6
98 47.6 39.0 58.6



#40
Benzene
Concen: 157.517 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion: 78 Resp: 2117369
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3

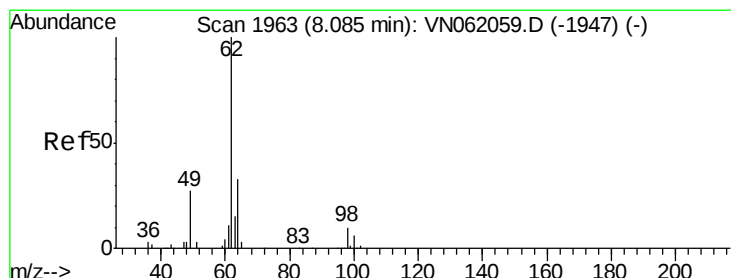
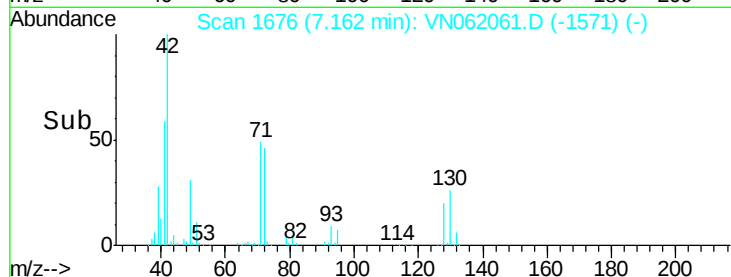
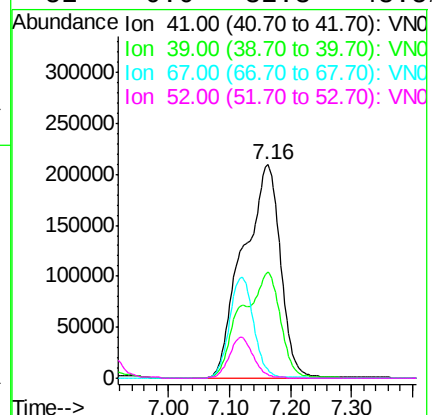
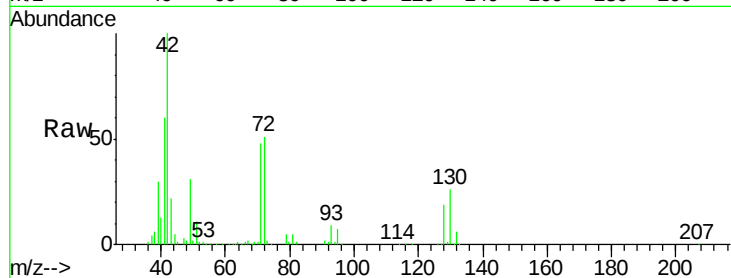




#41
Methacrylonitrile
Concen: 585.466 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

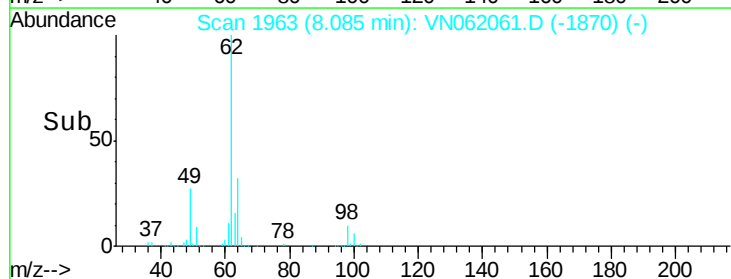
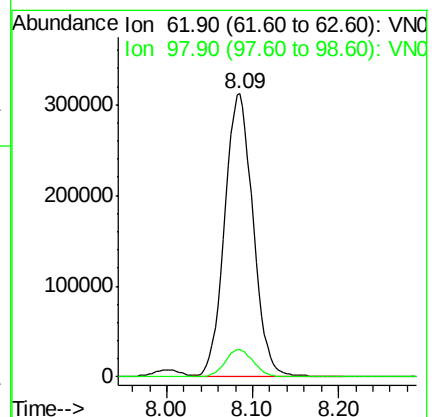
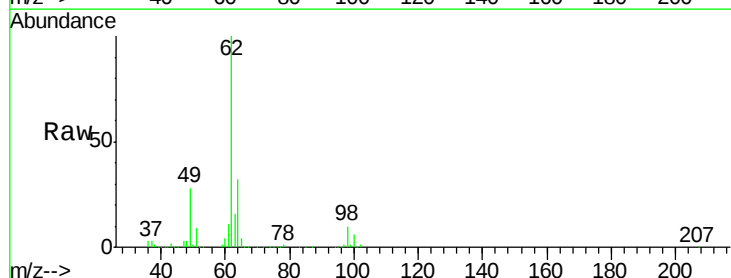
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion	Resp	Lower	Upper
41	892466		
39	0.0	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#



#42
1,2-Dichloroethane
Concen: 156.326 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion	Resp	Lower	Upper
62	715753		
98	9.6	0.0	19.8





#43

Isopropyl Acetate

Concen: 179.478 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

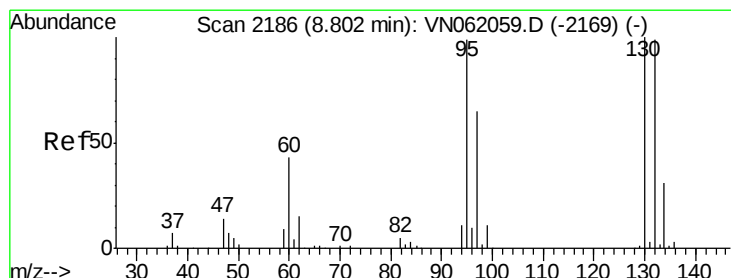
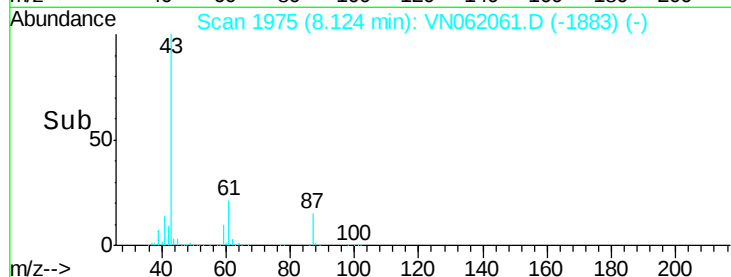
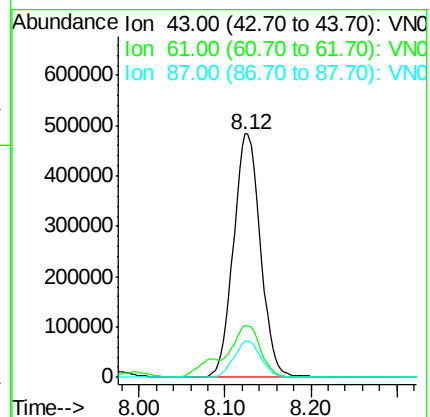
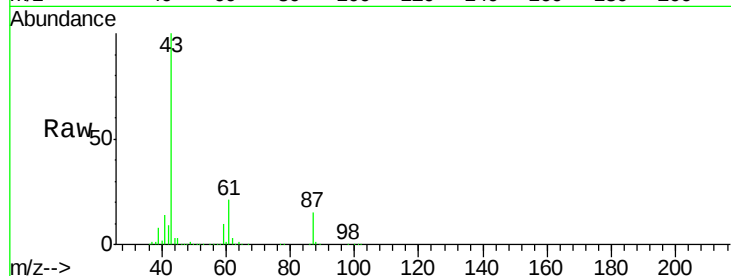
Tgt Ion: 43 Resp: 1051220

Ion Ratio Lower Upper

43 100

61 21.8 17.2 25.8

87 15.1 12.1 18.1



#44

Trichloroethene

Concen: 148.643 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062061.D

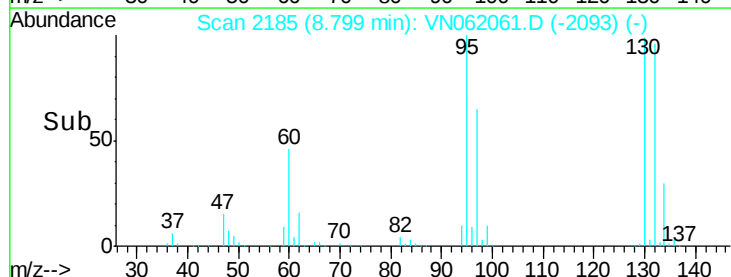
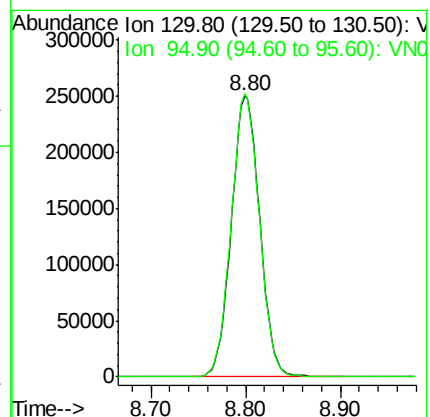
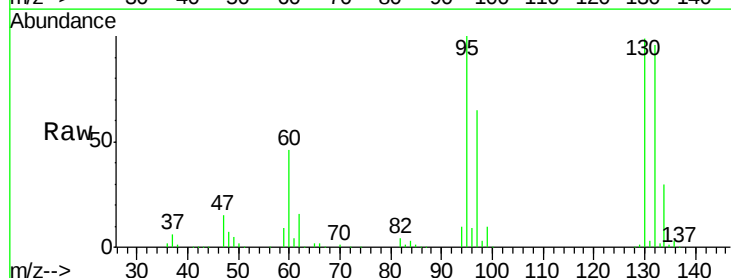
Acq: 24 Jun 2020 11:42

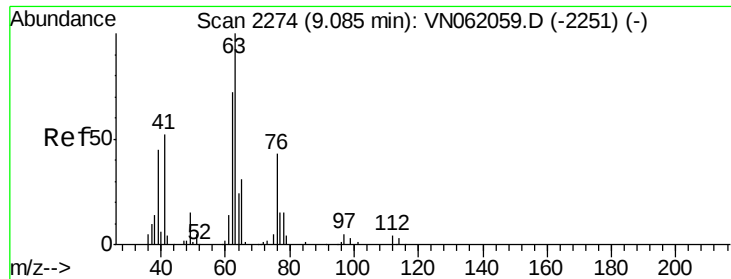
Tgt Ion: 130 Resp: 520892

Ion Ratio Lower Upper

130 100

95 100.6 0.0 197.8

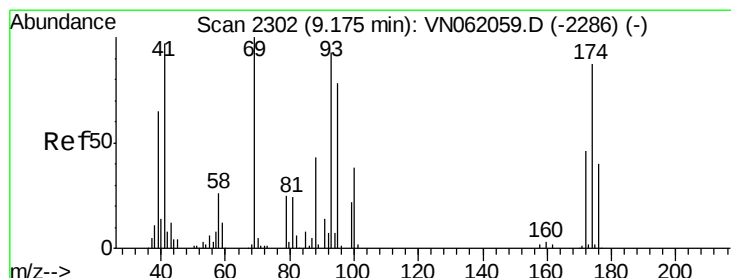
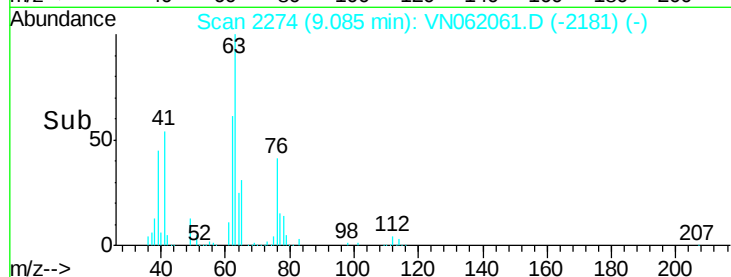
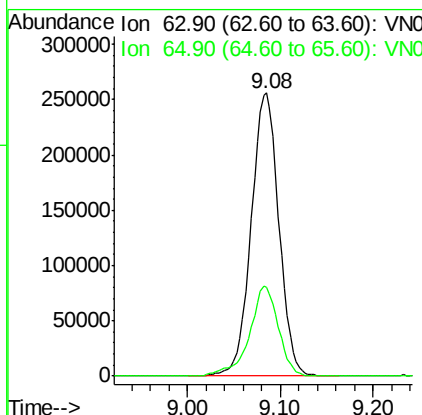
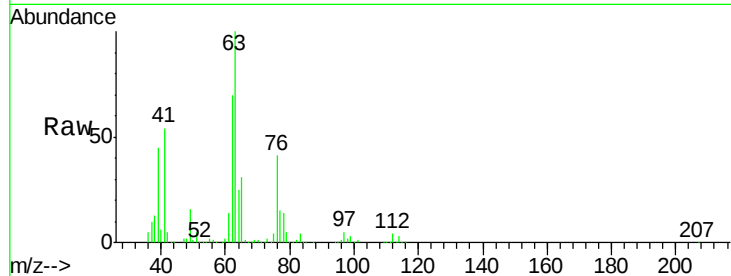




#45
 1,2-Dichloropropane
 Concen: 160.316 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

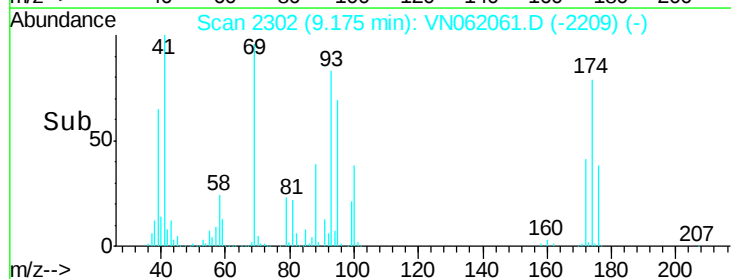
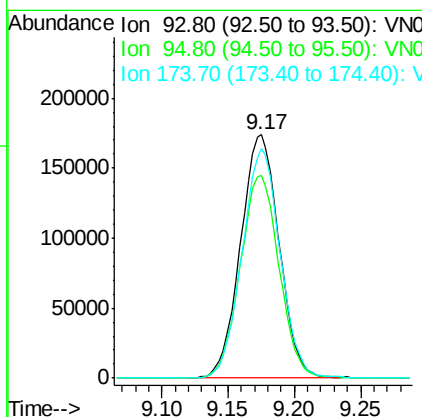
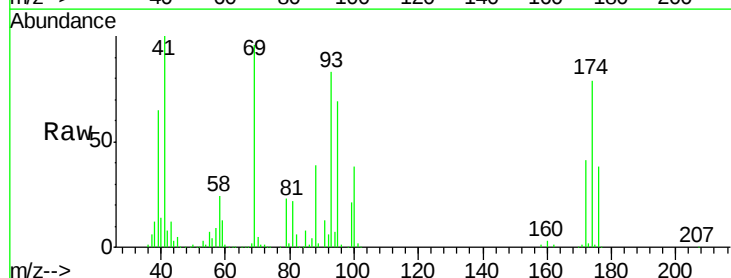
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 63 Resp: 528939
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.4



#46
 Dibromomethane
 Concen: 152.481 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion: 93 Resp: 352171
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.0 100.6
 174 93.3 74.4 111.6

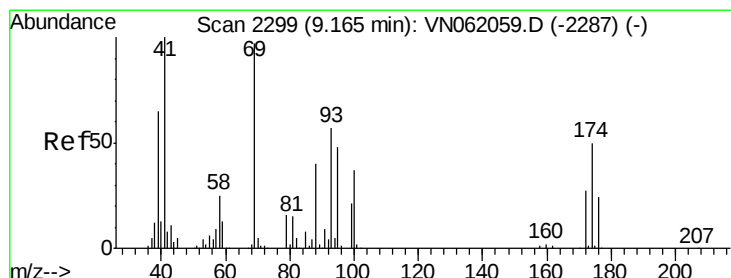
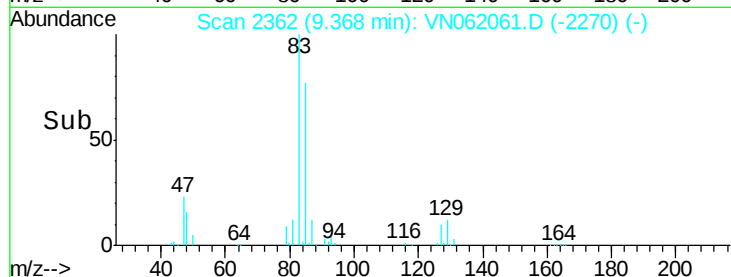
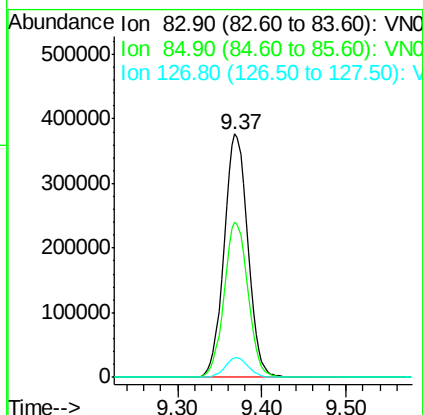
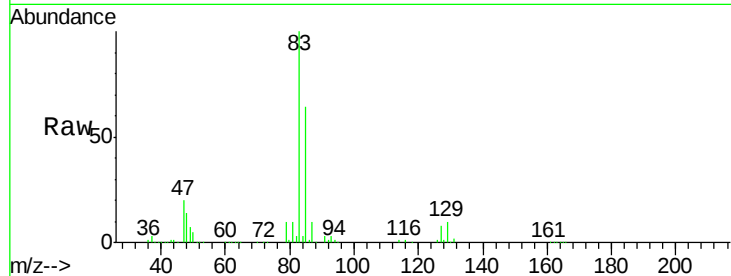




#47
Bromodichloromethane
Concen: 155.060 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

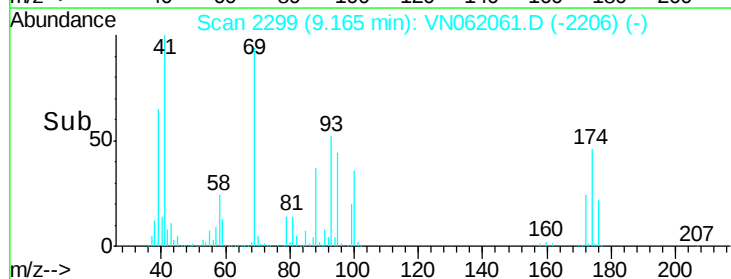
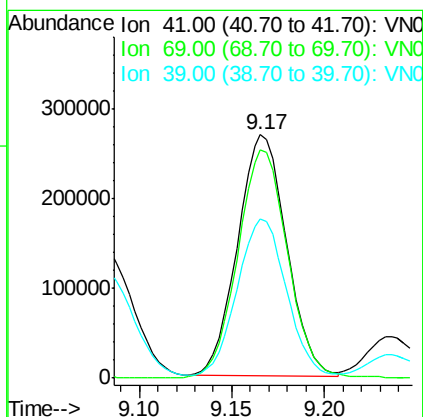
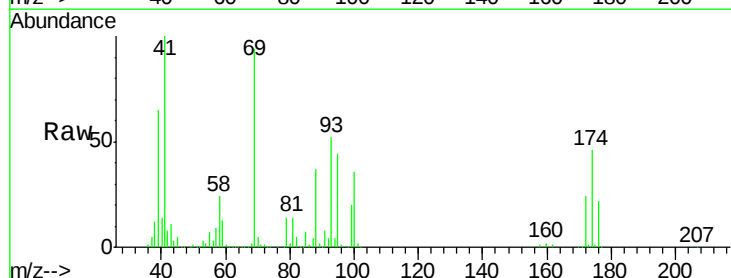
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

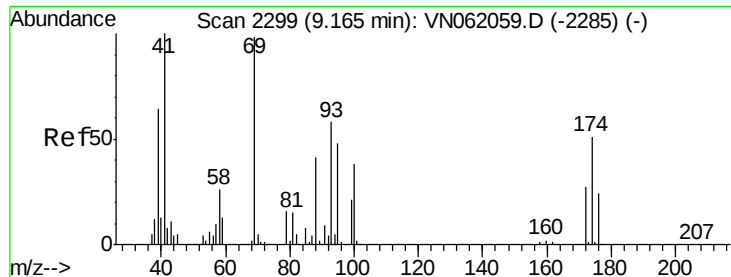
Tgt Ion: 83 Resp: 73542
Ion Ratio Lower Upper
83 100
85 63.9 50.3 75.5
127 8.0 6.9 10.3



#48
Methyl methacrylate
Concen: 183.821 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion: 41 Resp: 491934
Ion Ratio Lower Upper
41 100
69 97.1 80.7 121.1
39 67.3 54.5 81.7

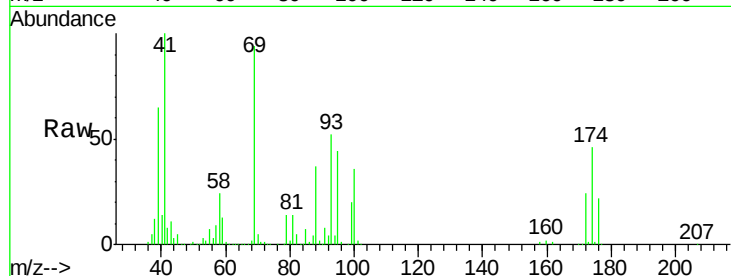




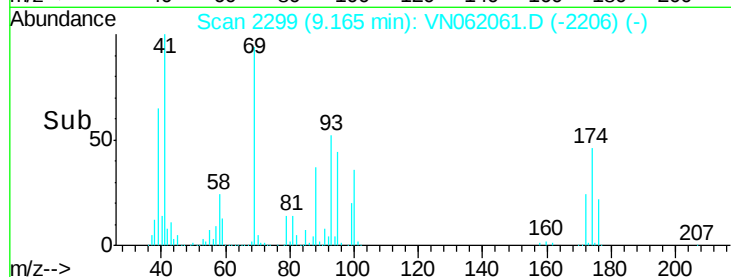
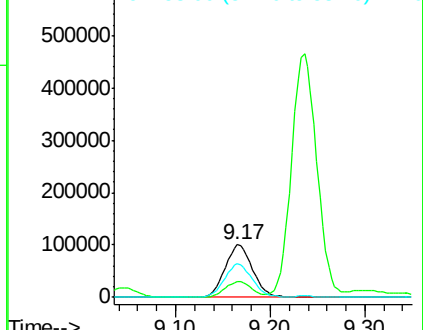
#49
1,4-Dioxane
Concen: 3322.923 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 204616
Ion Ratio Lower Upper
88 100
43 28.3 22.0 33.0
58 63.7 49.2 73.8

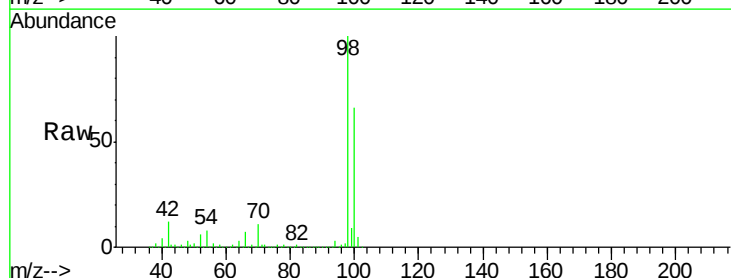


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

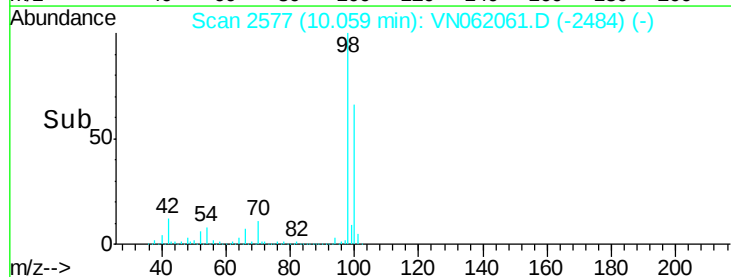
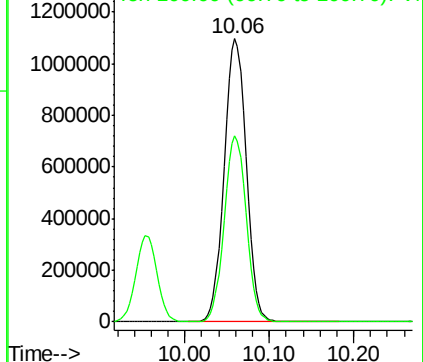


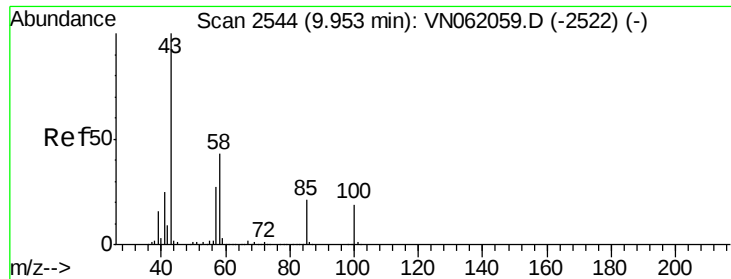
#50
Toluene-d8
Concen: 164.933 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion: 98 Resp: 1999402
Ion Ratio Lower Upper
98 100
100 65.5 51.2 76.8



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

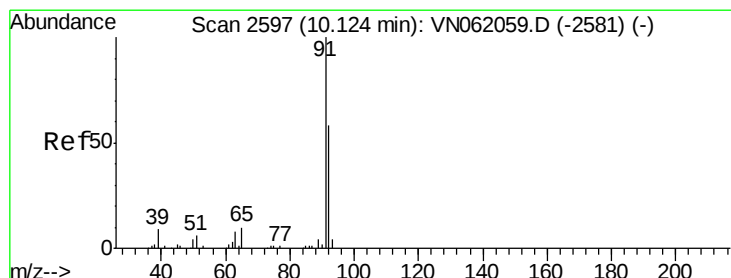
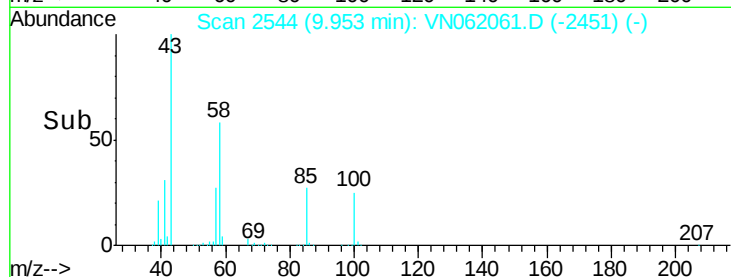
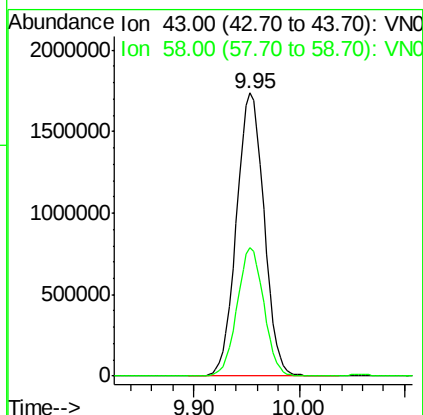
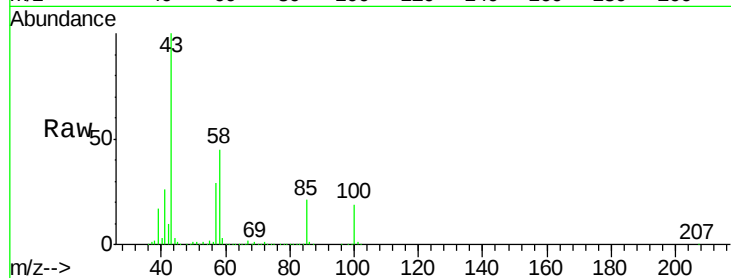




#51
 4-Methyl-2-Pentanone
 Concen: 904.694 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

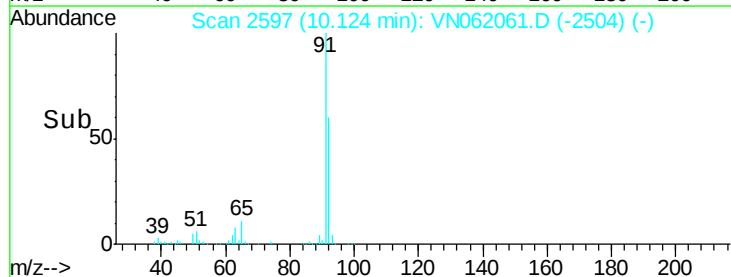
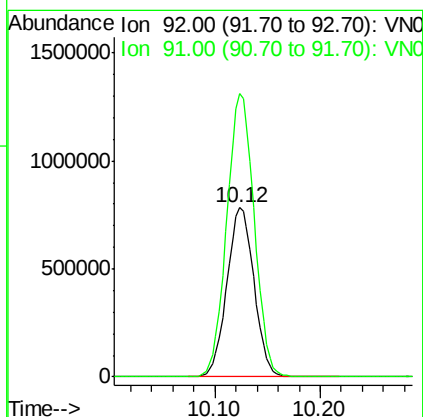
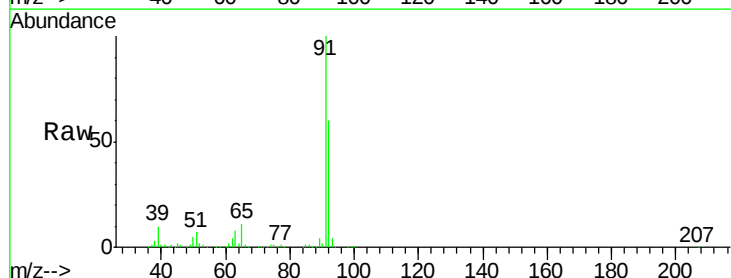
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 3151182
 Ion Ratio Lower Upper
 43 100
 58 44.0 34.2 51.2



#52
 Toluene
 Concen: 164.891 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion: 92 Resp: 1388517
 Ion Ratio Lower Upper
 92 100
 91 169.9 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 172.923 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampled :

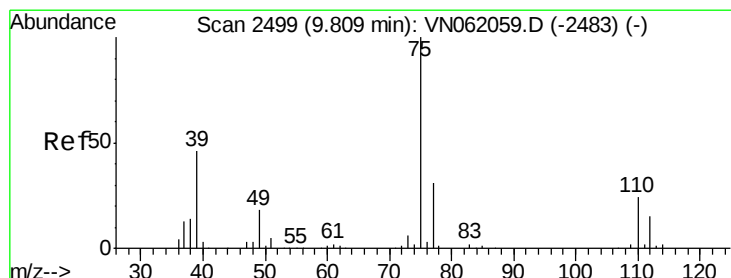
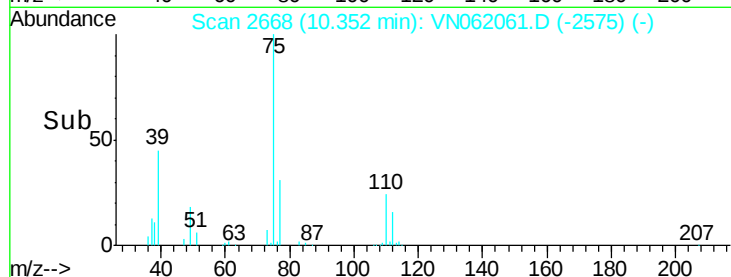
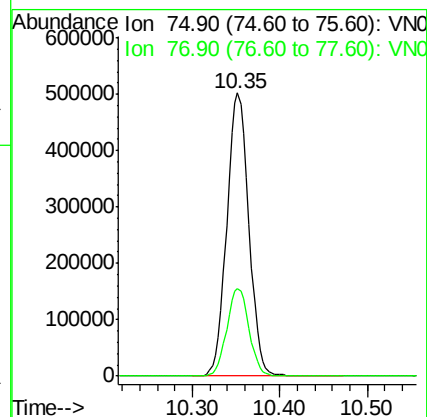
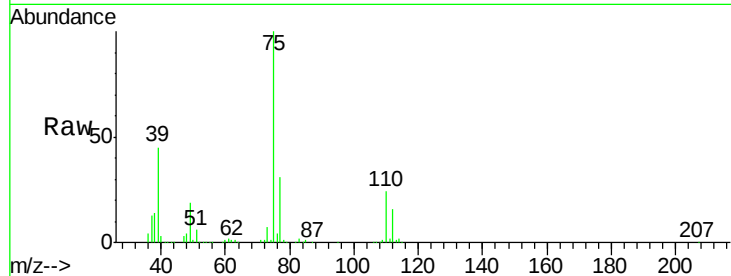
VSTDIC150

Tgt Ion: 75 Resp: 875939

Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 167.327 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

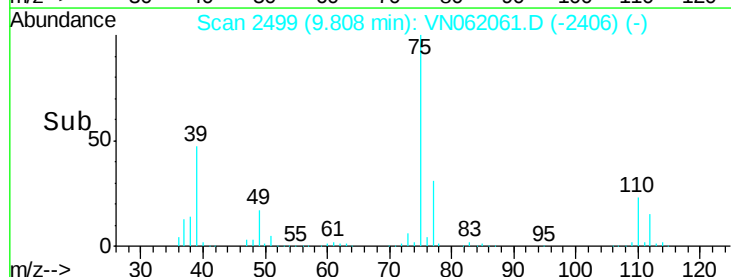
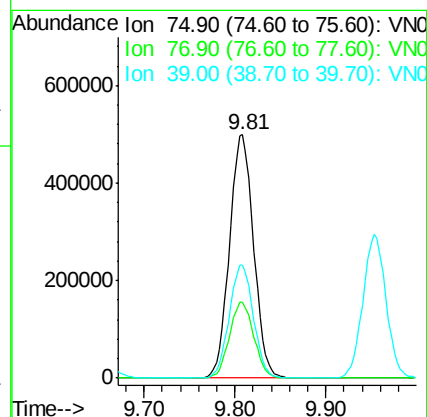
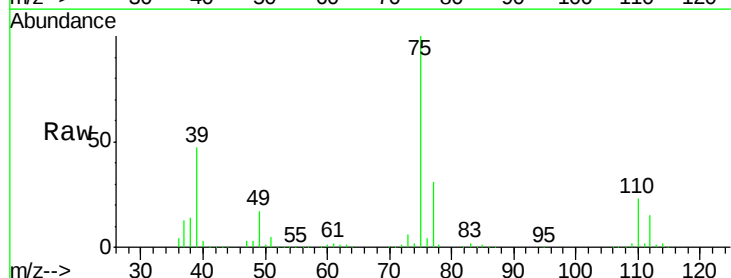
Tgt Ion: 75 Resp: 918619

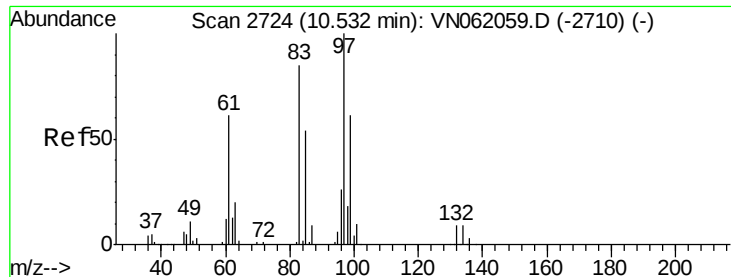
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6

39 46.6 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 158.860 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tgt Ion: 97 Resp: 526929

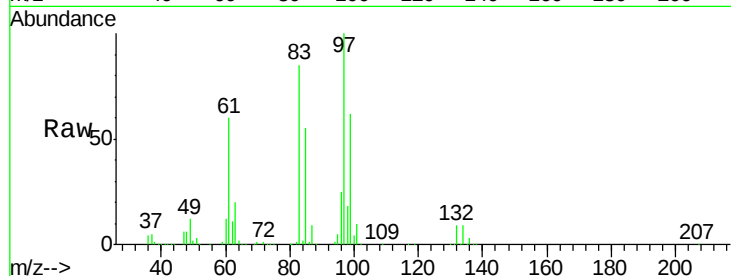
Ion Ratio Lower Upper

97 100

83 85.3 68.2 102.2

85 54.5 43.2 64.8

99 61.7 48.5 72.7

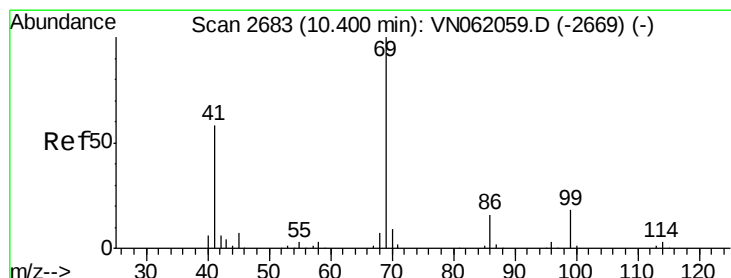
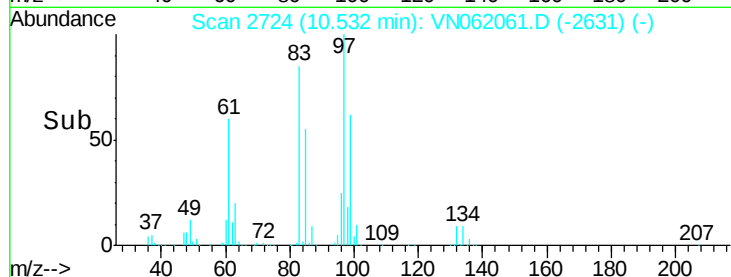
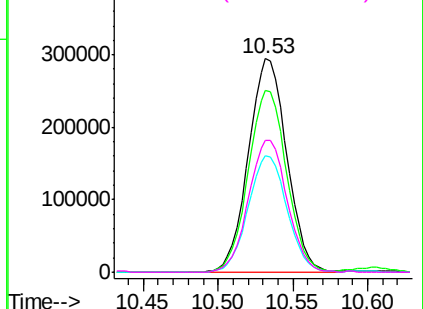


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 190.105 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

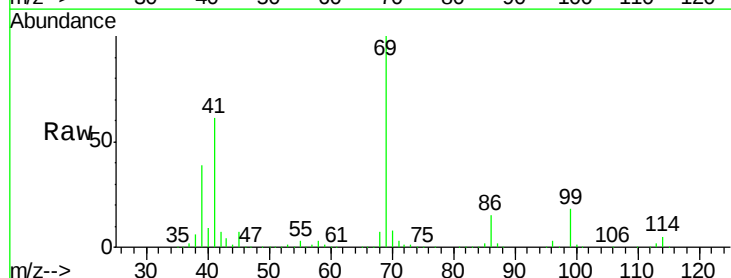
Tgt Ion: 69 Resp: 844109

Ion Ratio Lower Upper

69 100

41 60.2 46.6 70.0

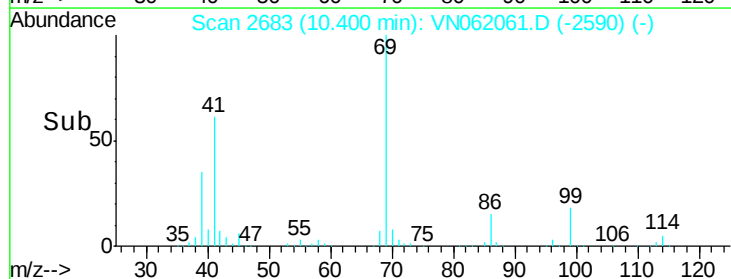
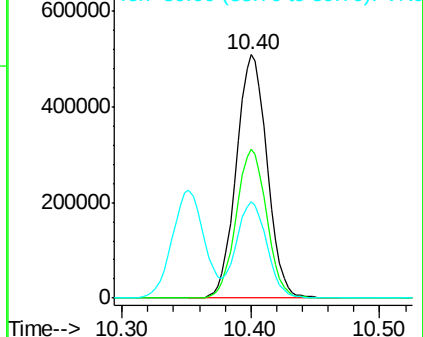
39 39.0 31.0 46.4



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

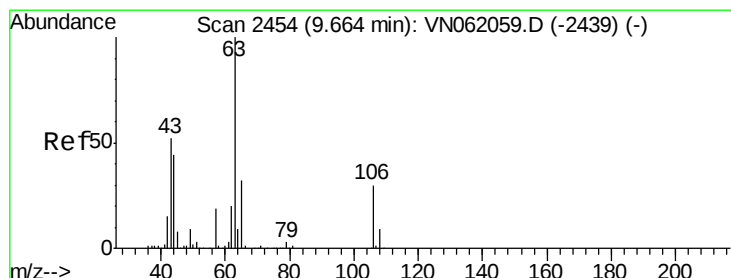
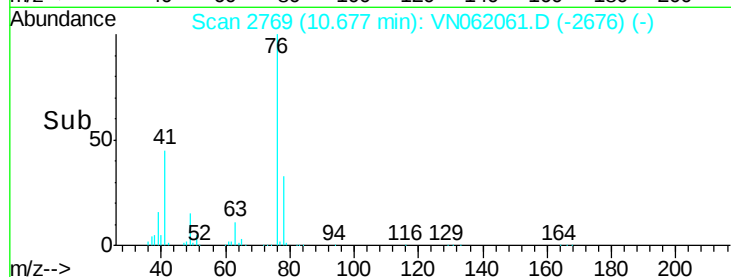
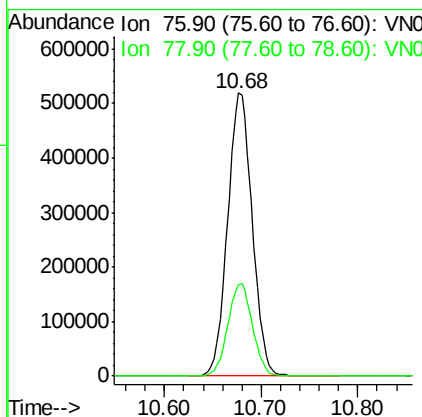
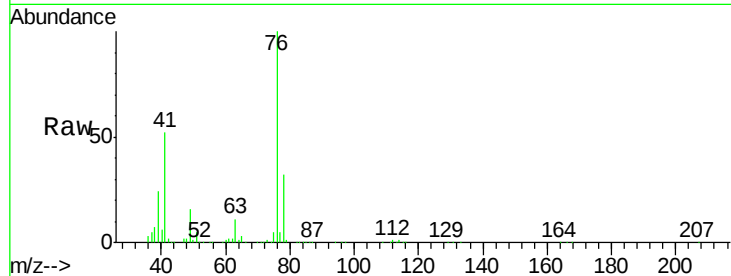




#57
 1,3-Dichloropropane
 Concen: 163.251 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

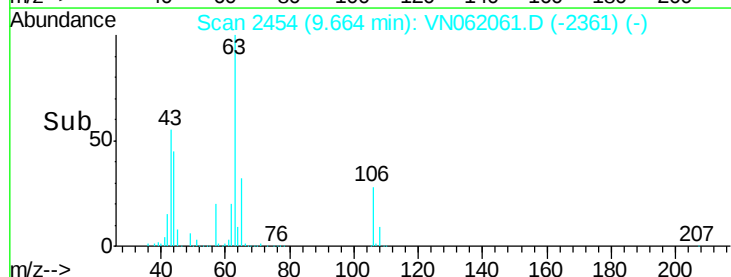
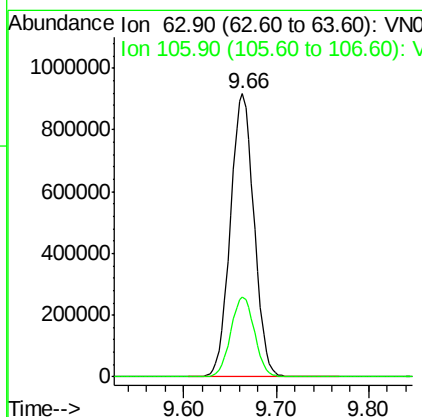
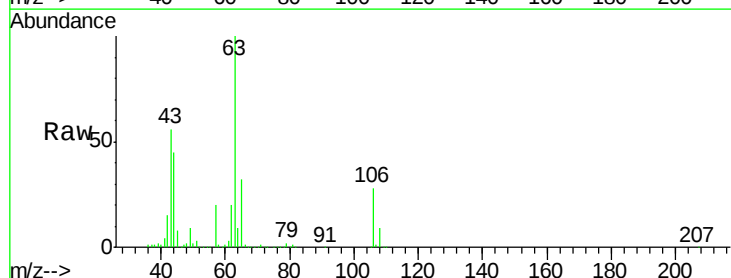
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

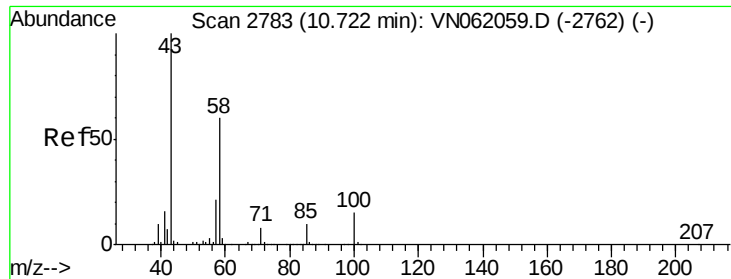
Tgt Ion: 76 Resp: 917853
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 927.742 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion: 63 Resp: 1622108
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.2 34.8

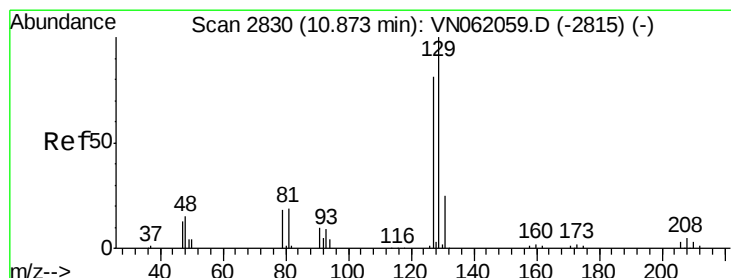
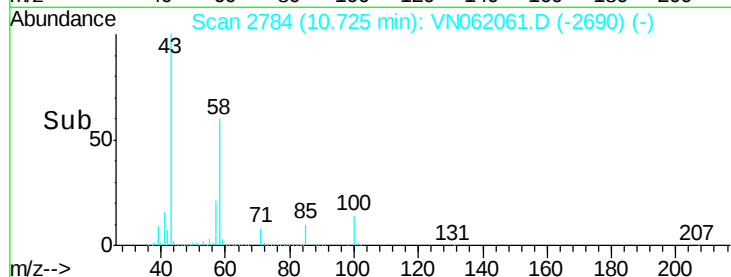
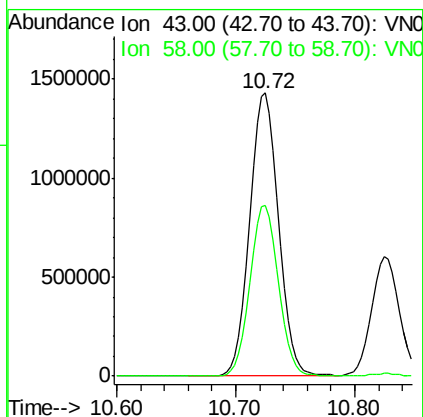
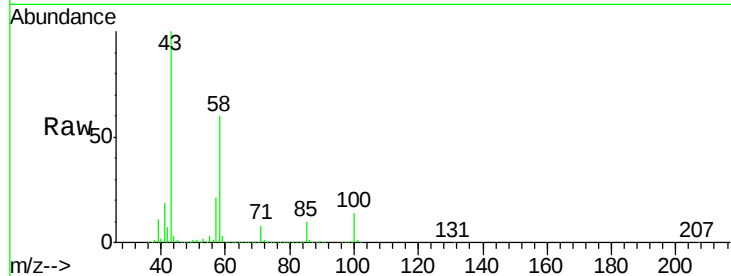




#59
2-Hexanone
Concen: 958.941 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

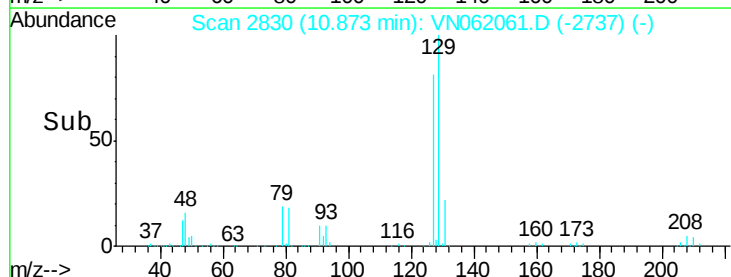
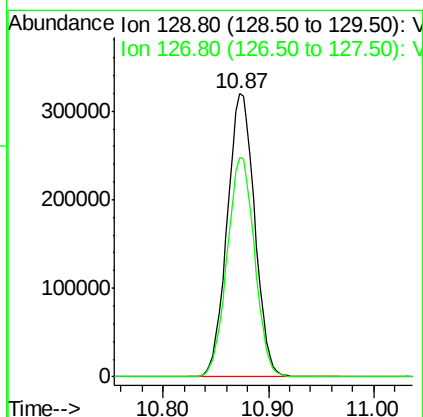
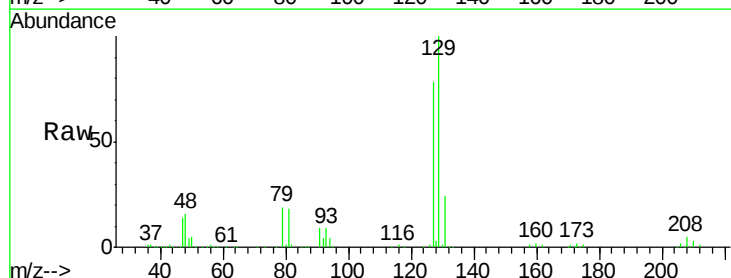
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

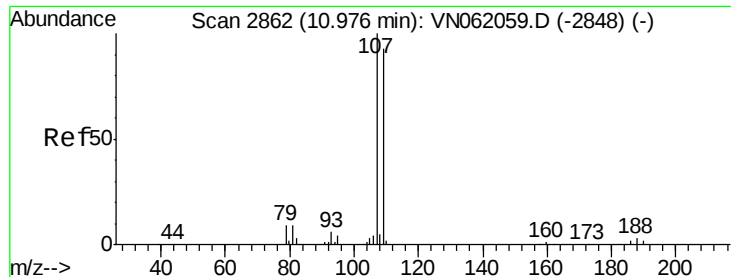
Tgt Ion: 43 Resp: 2399877
Ion Ratio Lower Upper
43 100
58 59.7 29.5 88.5



#60
Dibromochloromethane
Concen: 156.947 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion: 129 Resp: 575713
Ion Ratio Lower Upper
129 100
127 77.6 39.5 118.5

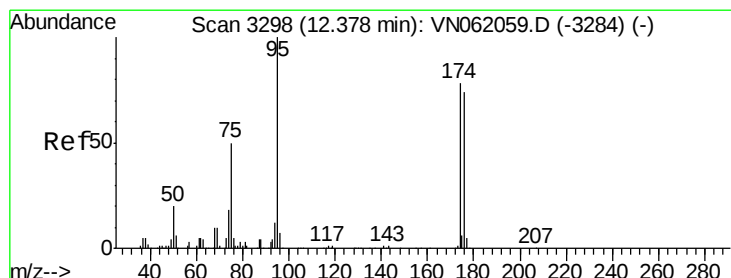
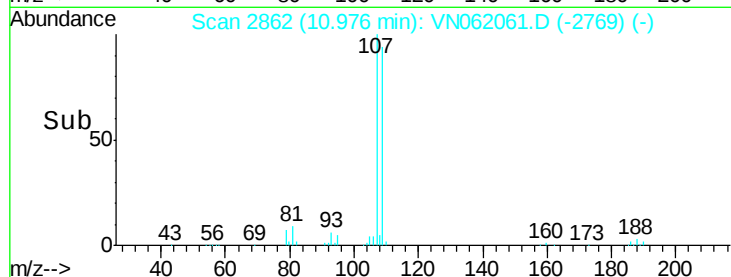
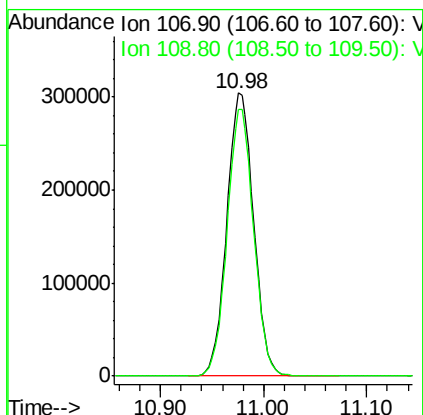
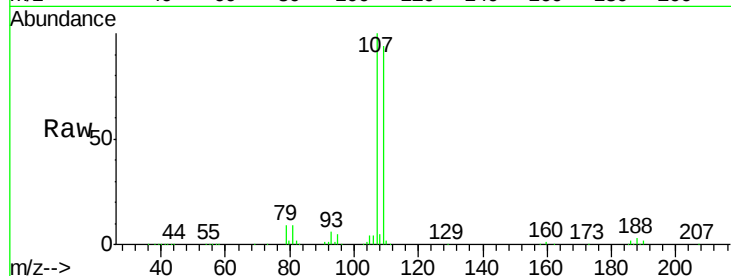




#61
 1,2-Dibromoethane
 Concen: 159.621 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

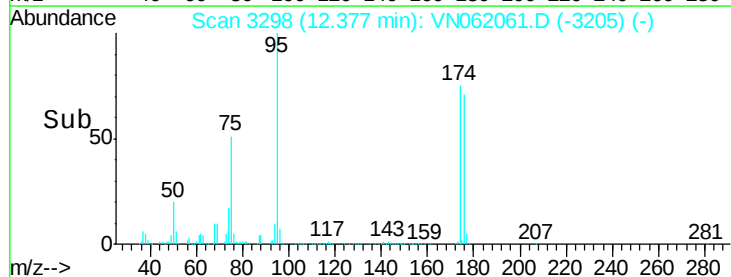
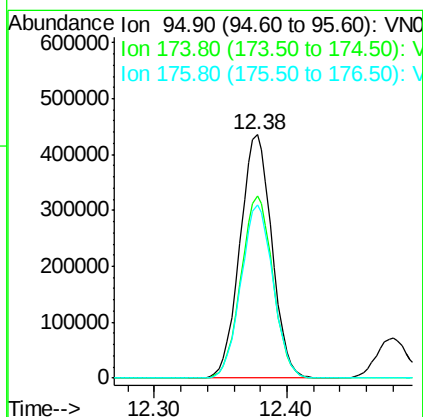
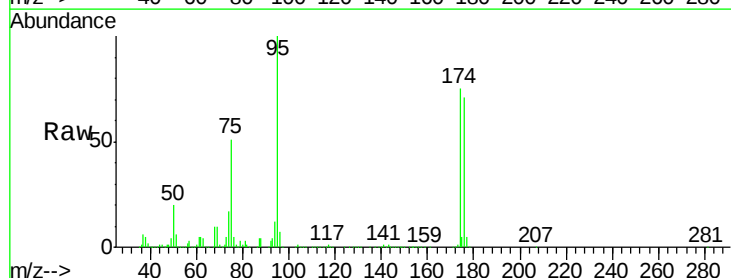
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

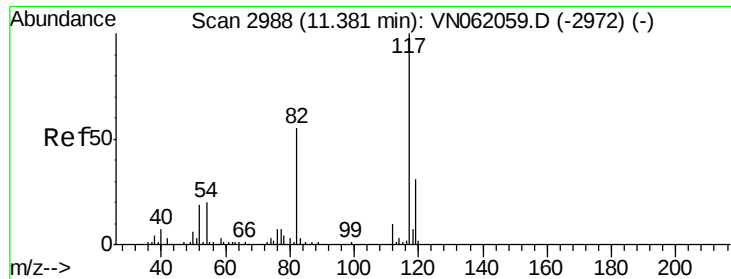
Tgt Ion: 107 Resp: 550724
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 175.259 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion: 95 Resp: 726023
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 154.8
 176 71.7 0.0 147.4

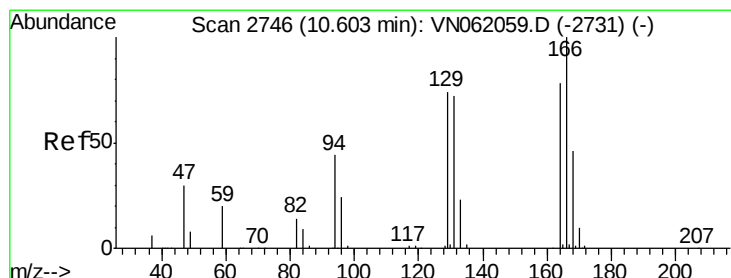
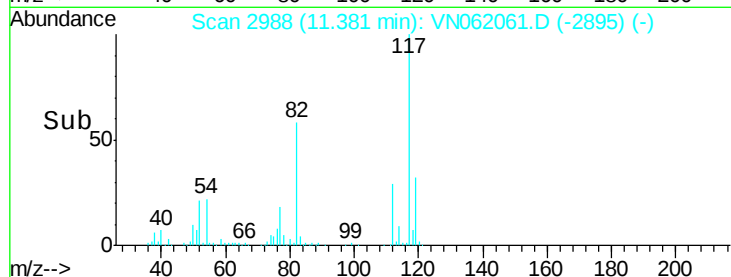
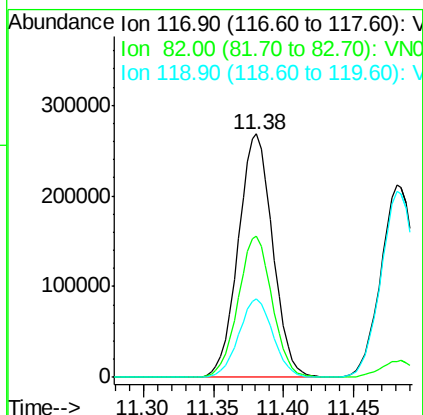
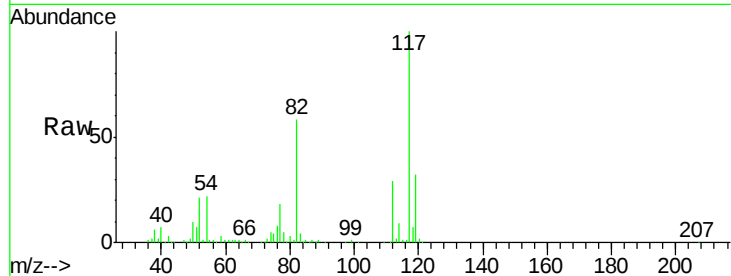




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

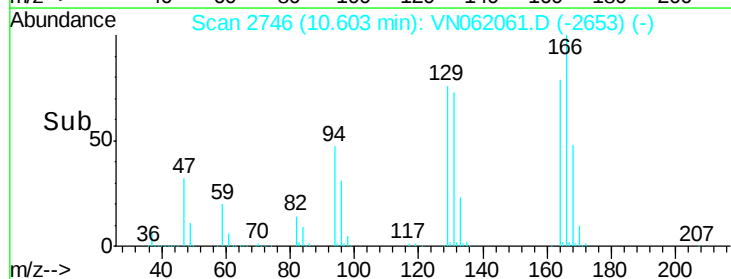
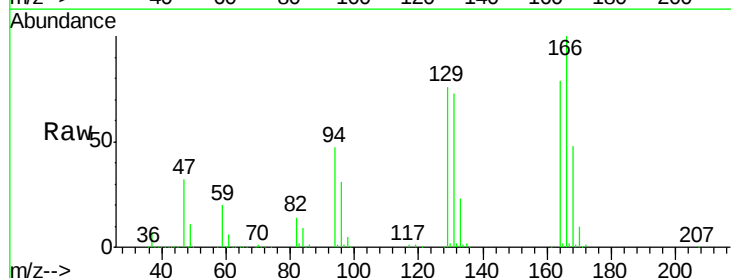
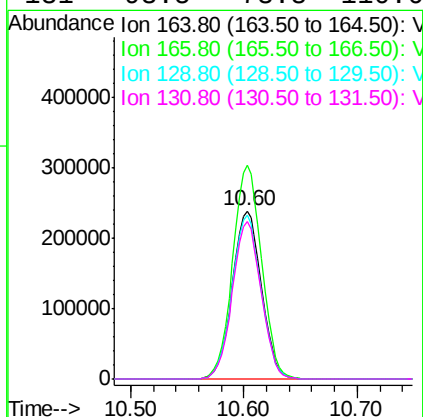
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

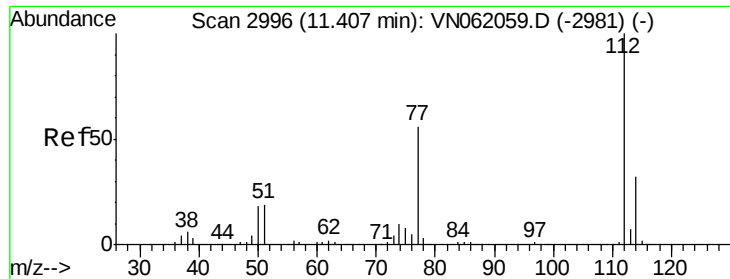
Tgt Ion:117 Resp: 459713
Ion Ratio Lower Upper
117 100
82 57.9 43.8 65.8
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 145.508 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion:164 Resp: 425121
Ion Ratio Lower Upper
164 100
166 127.3 102.9 154.3
129 97.3 75.8 113.8
131 93.5 73.8 110.6

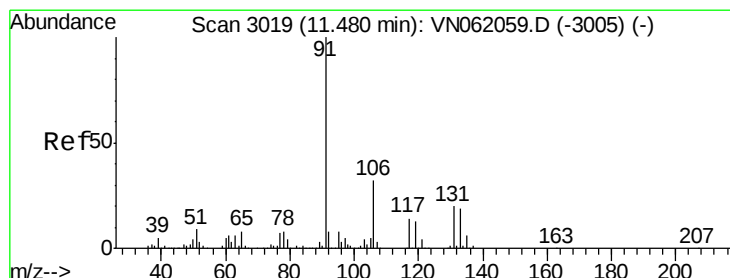
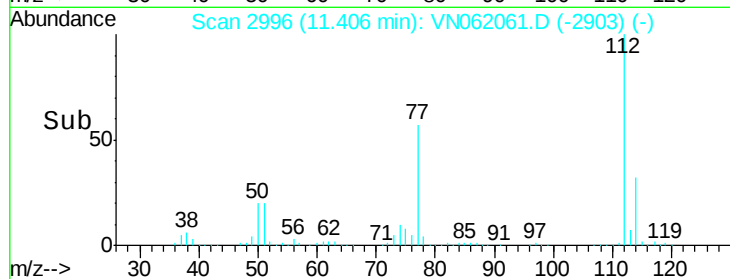
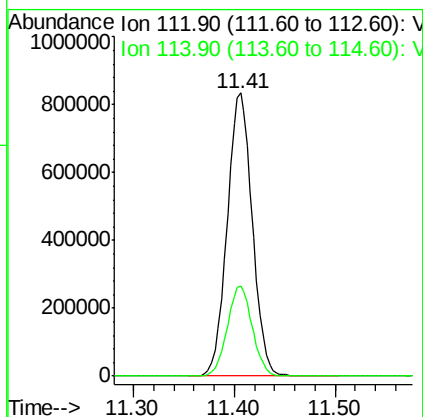
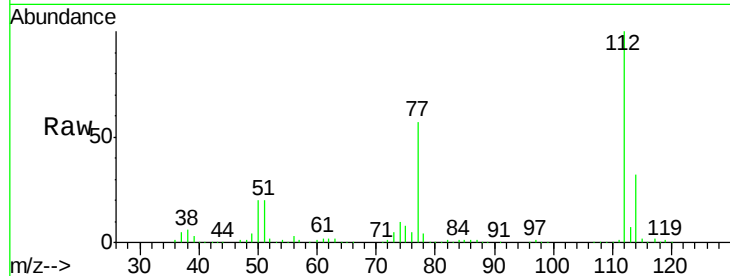




#65
Chlorobenzene
Concen: 149.074 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

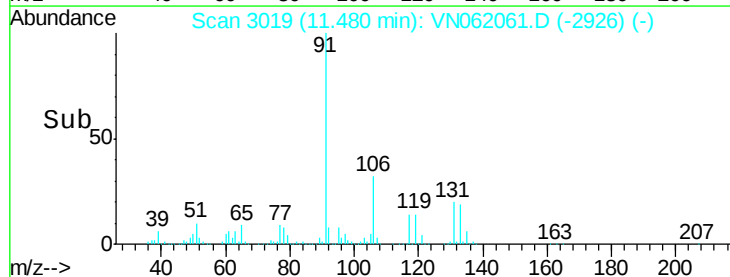
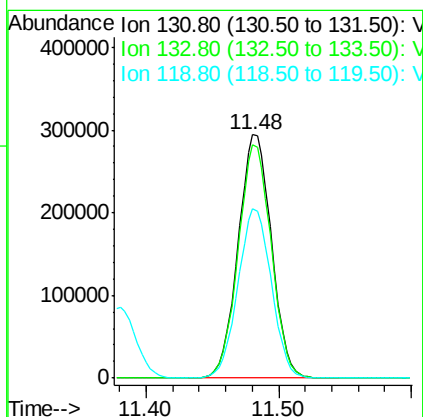
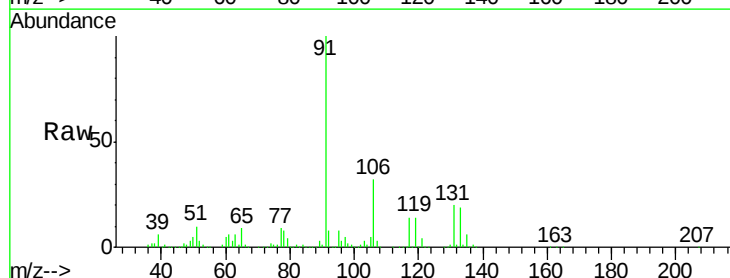
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

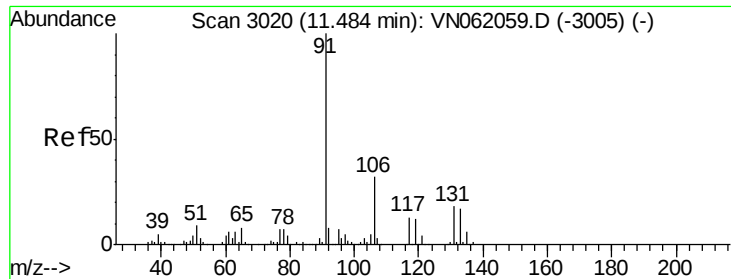
Tgt Ion:112 Resp: 1446135
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 151.887 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion:131 Resp: 511940
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 70.0 34.4 103.3

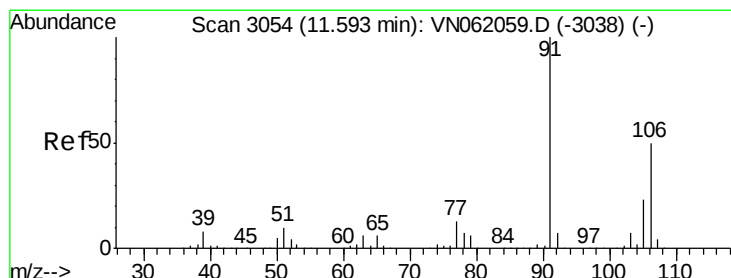
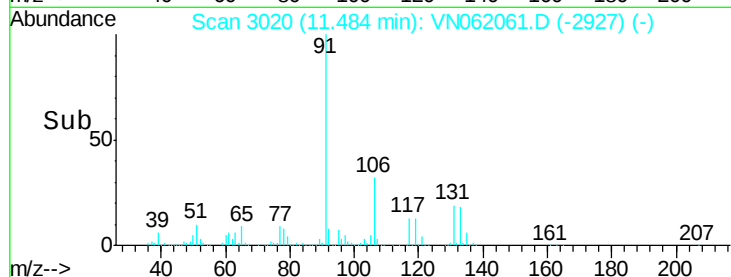
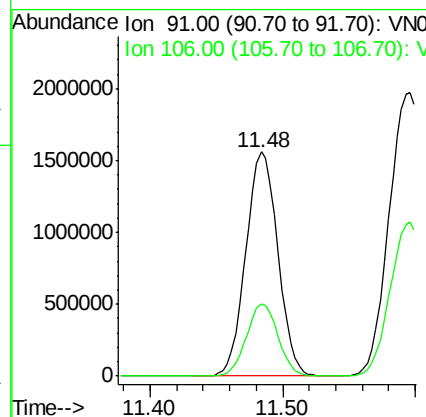
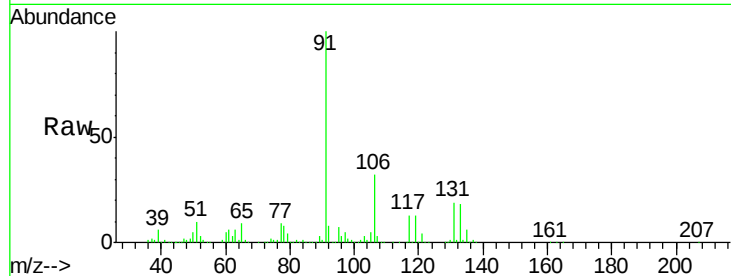




#67
Ethyl Benzene
Concen: 160.838 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

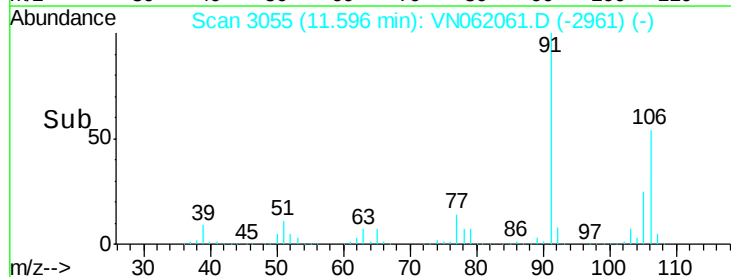
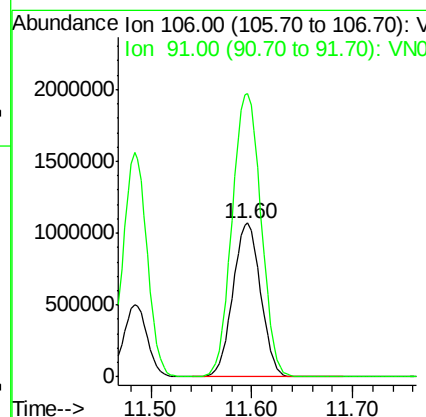
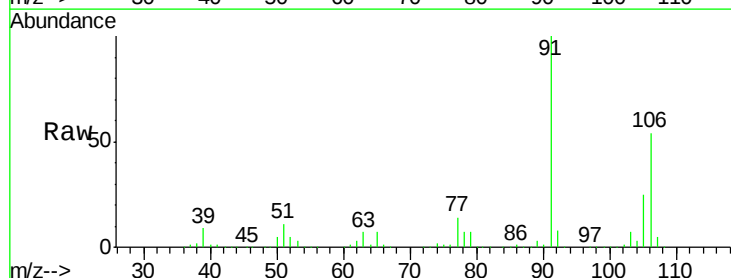
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 2621630
Ion Ratio Lower Upper
91 100
106 32.2 25.3 37.9



#68
m/p-Xylenes
Concen: 326.681 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion: 106 Resp: 2053654
Ion Ratio Lower Upper
106 100
91 191.8 157.8 236.8

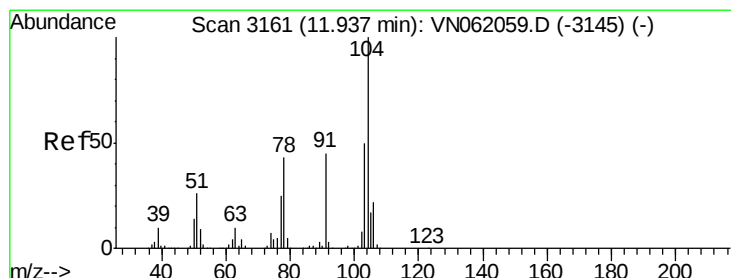
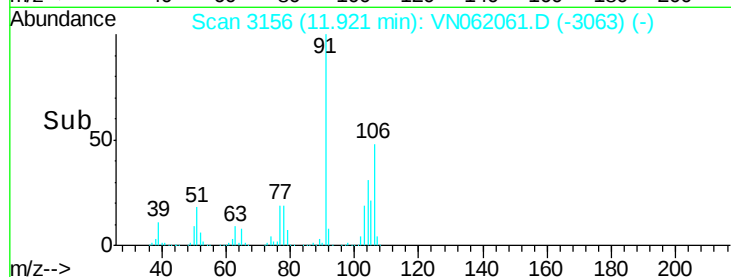
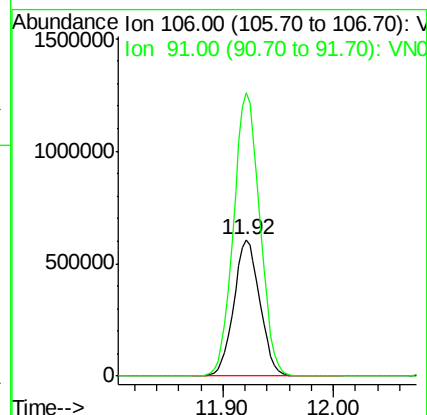
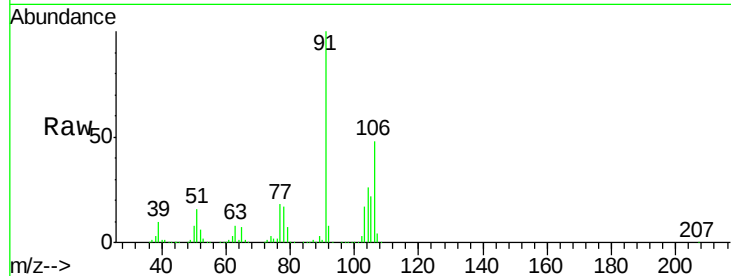




#69
o-Xylene
Concen: 165.466 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

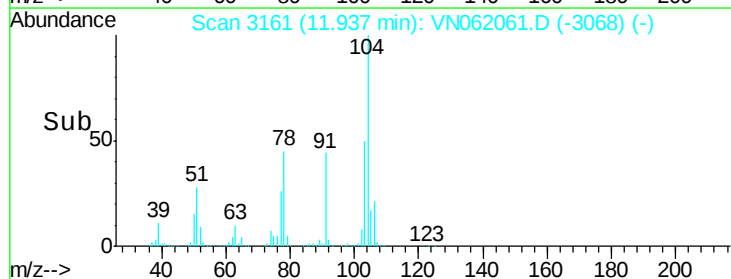
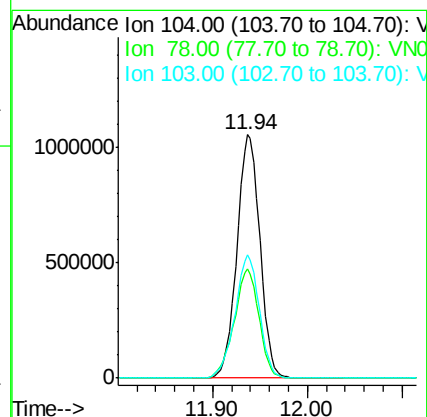
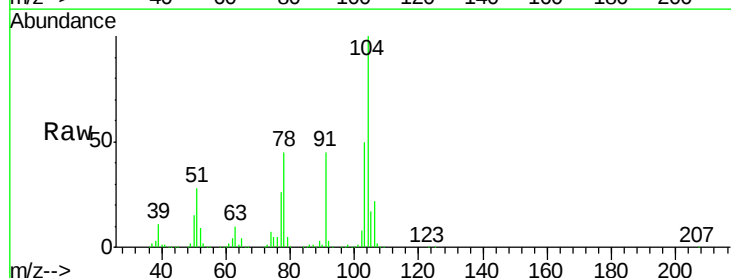
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

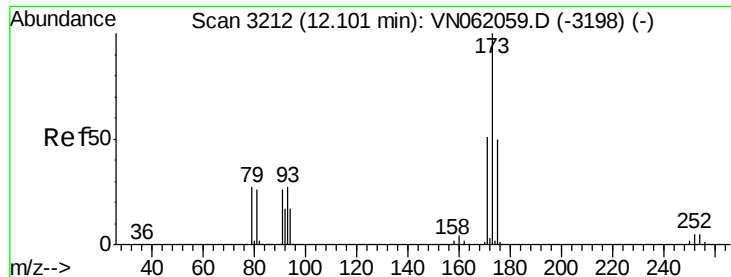
Tgt Ion:106 Resp: 989938
Ion Ratio Lower Upper
106 100
91 210.6 104.0 311.9



#70
Styrene
Concen: 177.306 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion:104 Resp: 1776061
Ion Ratio Lower Upper
104 100
78 48.4 37.7 56.5
103 53.7 43.0 64.6





#71

Bromoform

Concen: 165.041 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

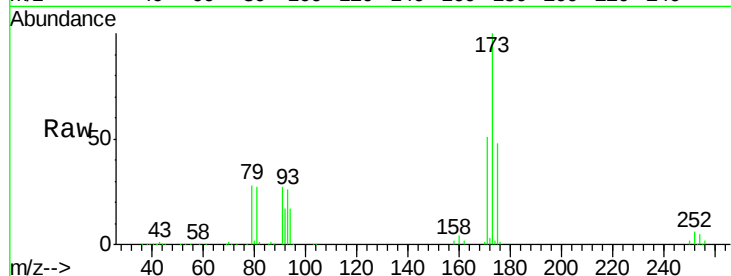
Tgt Ion:173 Resp: 404535

Ion Ratio Lower Upper

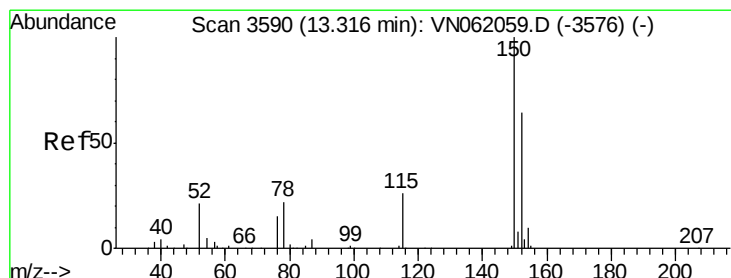
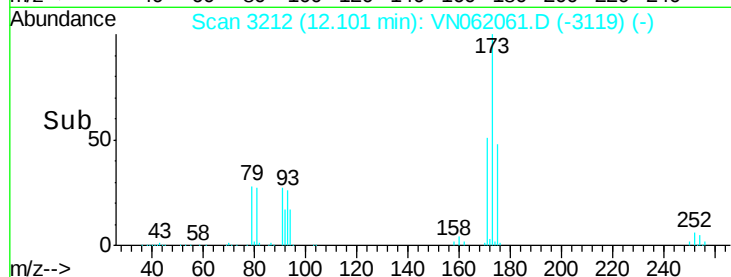
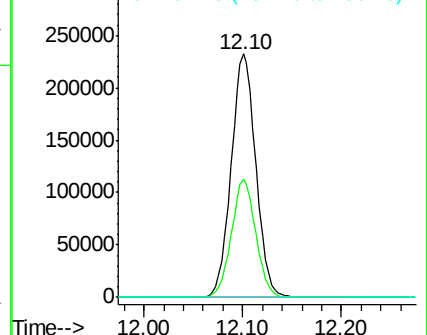
173 100

175 48.2 24.7 74.1

254 0.1 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: VN062061.D

Acq: 24 Jun 2020 11:42

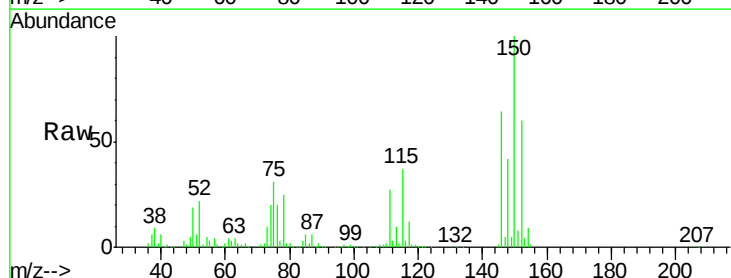
Tgt Ion:152 Resp: 232912

Ion Ratio Lower Upper

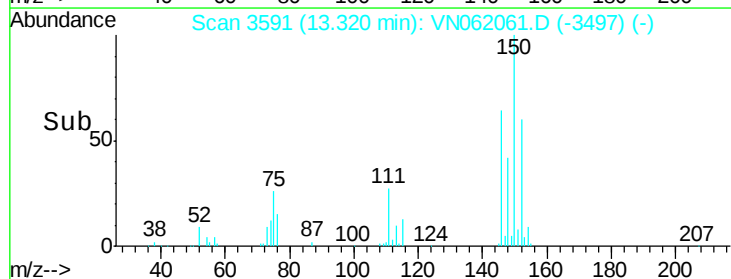
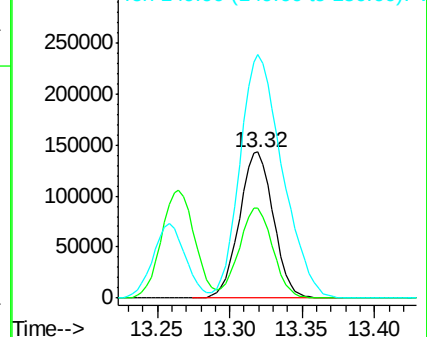
152 100

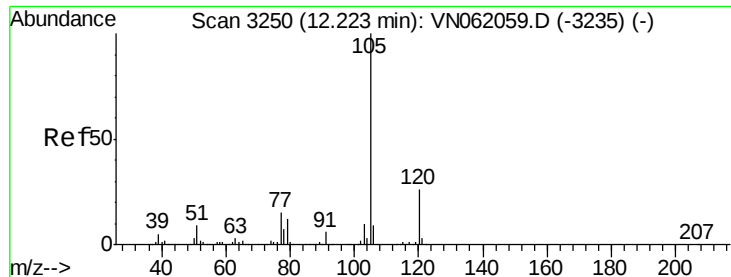
115 61.5 29.5 88.5

150 208.1 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: 156.258 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

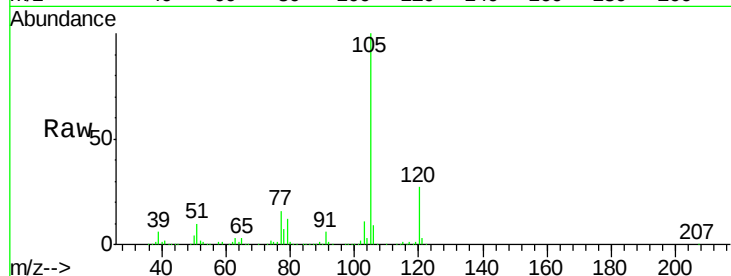
VSTDIC150

Tgt Ion:105 Resp: 2599119

Ion Ratio Lower Upper

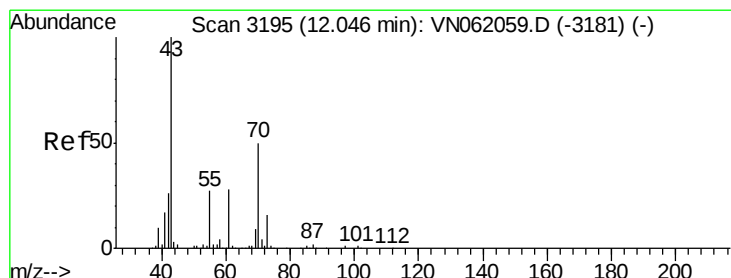
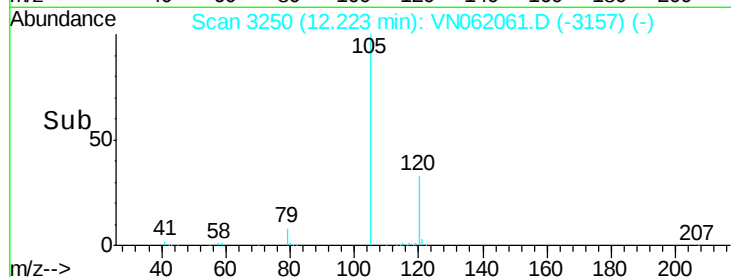
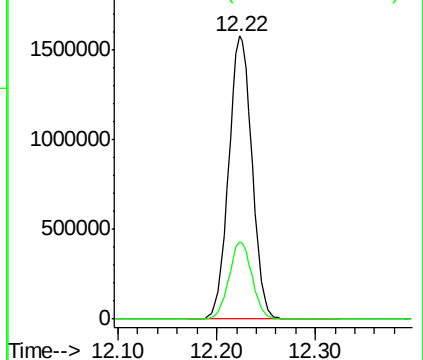
105 100

120 26.9 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: 198.206 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Tgt Ion: 43 Resp: 1068597

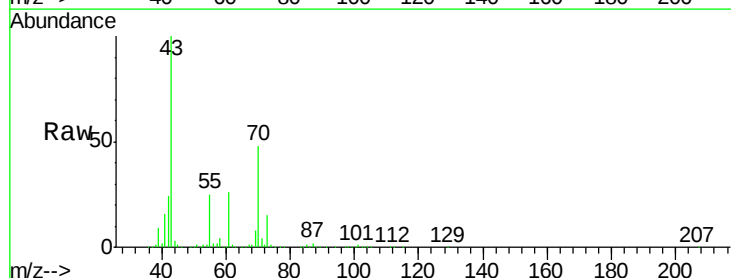
Ion Ratio Lower Upper

43 100

70 47.2 39.4 59.2

55 25.1 21.7 32.5

61 25.7 21.3 31.9

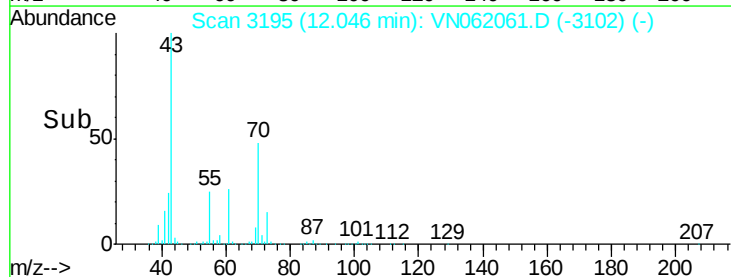
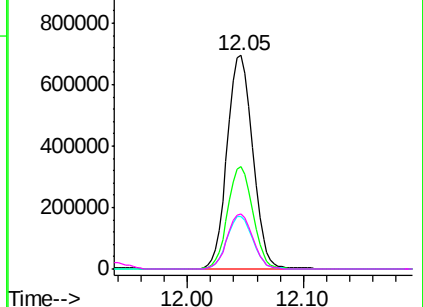


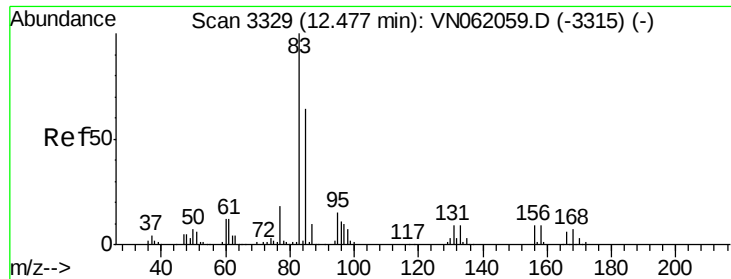
Abundance Ion 43.00 (42.70 to 43.70): V

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: 146.780 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

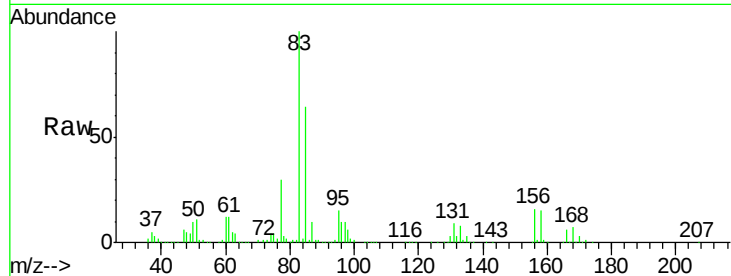
Tgt Ion: 83 Resp: 799811

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.4

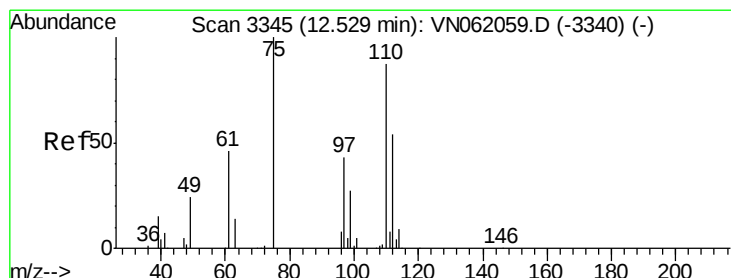
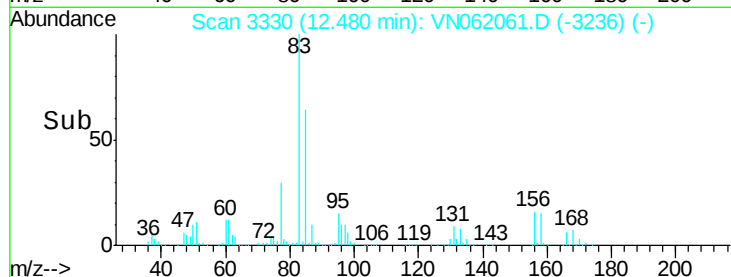
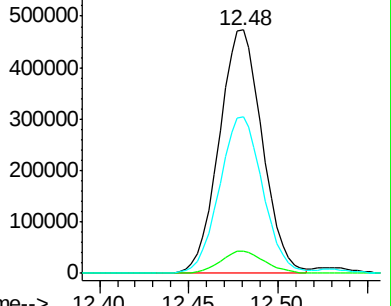
85 64.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062061.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062061.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062061.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 229.531 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062061.D

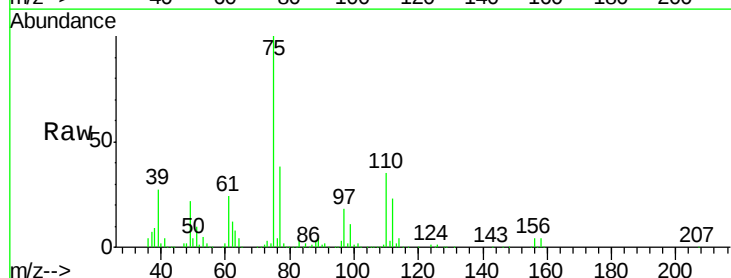
Acq: 24 Jun 2020 11:42

Tgt Ion: 75 Resp: 1064429

Ion Ratio Lower Upper

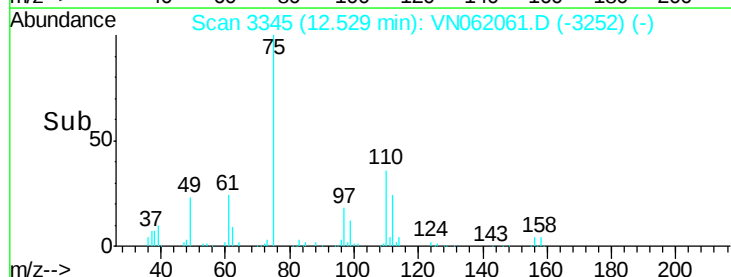
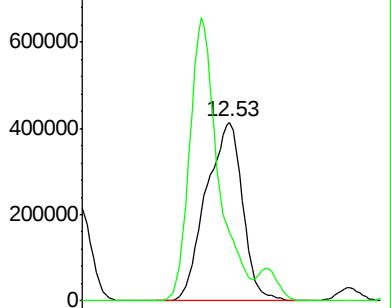
75 100

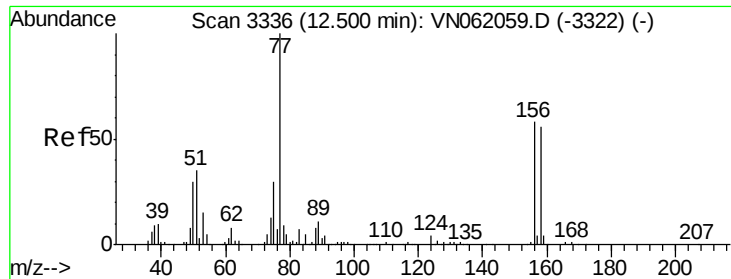
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062061.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062061.D (-3252) (-)





#77

Bromobenzene

Concen: 146.427 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

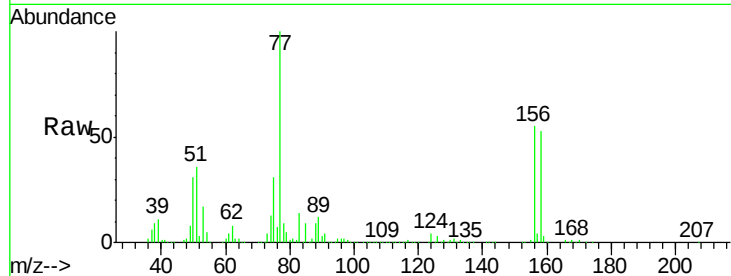
Tgt Ion:156 Resp: 612723

Ion Ratio Lower Upper

156 100

77 218.1 104.6 313.8

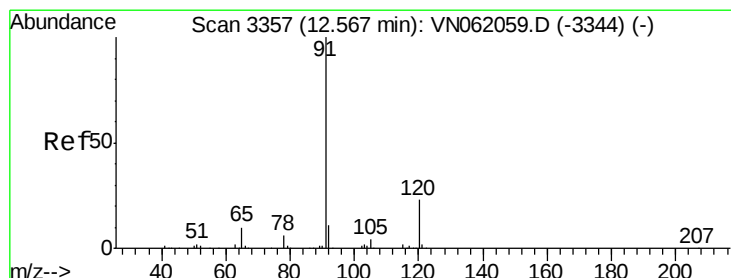
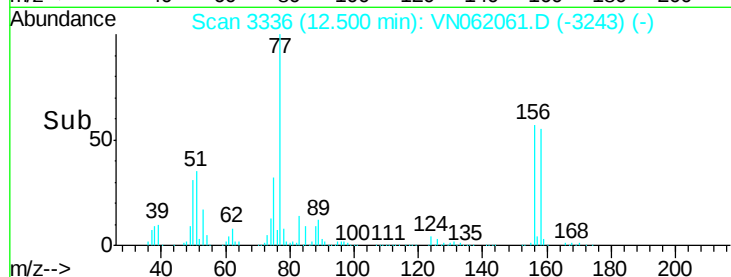
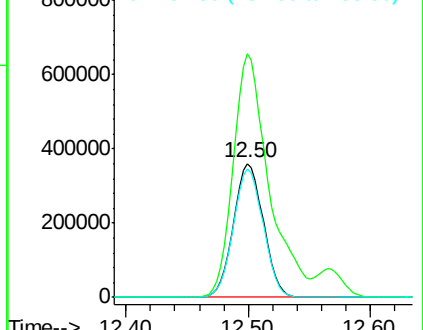
158 96.0 48.0 144.0



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: 156.372 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062061.D

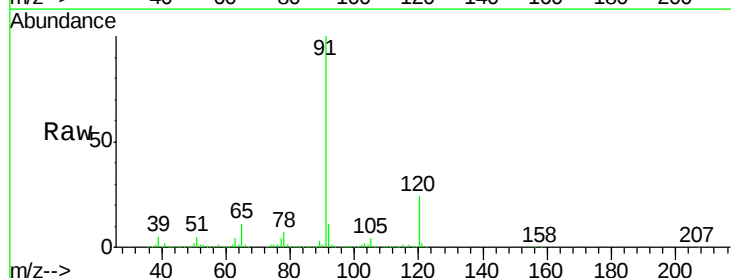
Acq: 24 Jun 2020 11:42

Tgt Ion: 91 Resp: 2980597

Ion Ratio Lower Upper

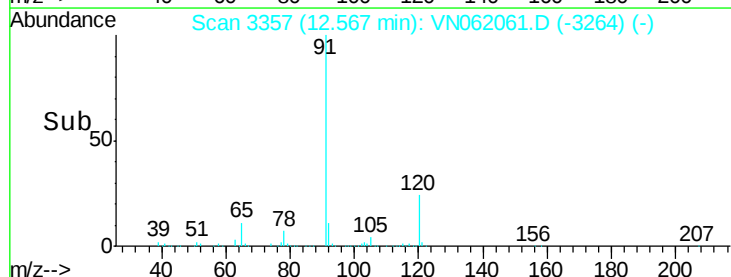
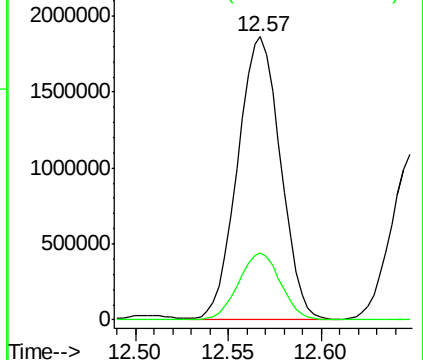
91 100

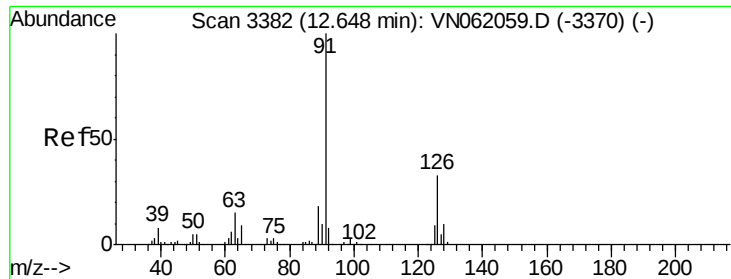
120 23.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

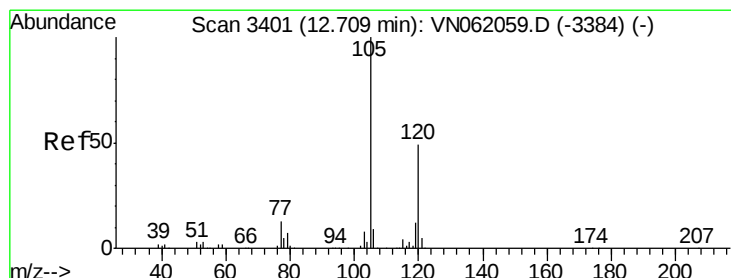
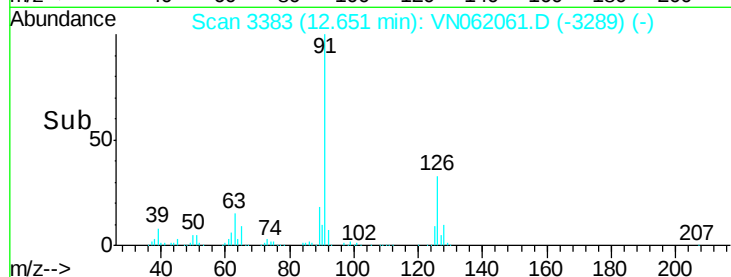
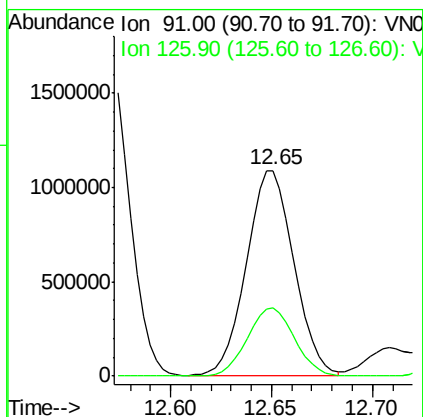
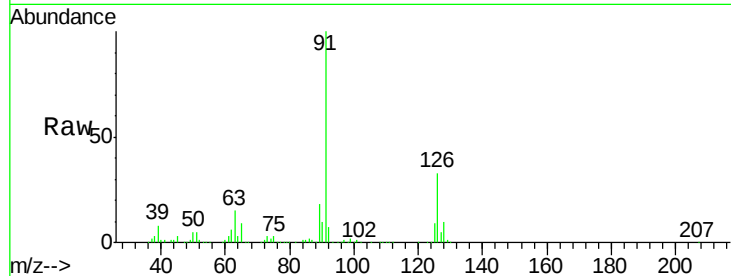




#79
 2-Chlorotoluene
 Concen: 156.514 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

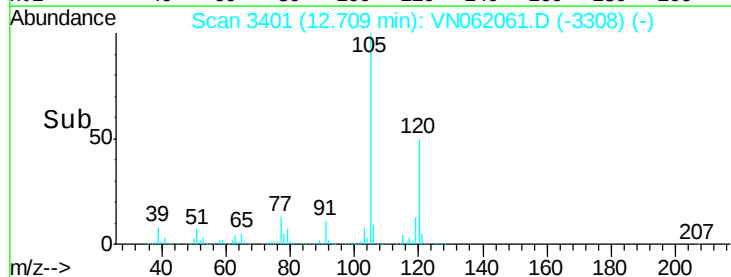
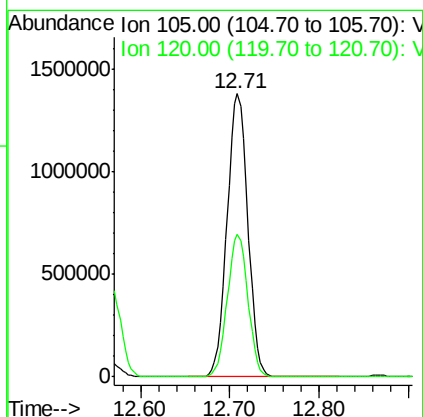
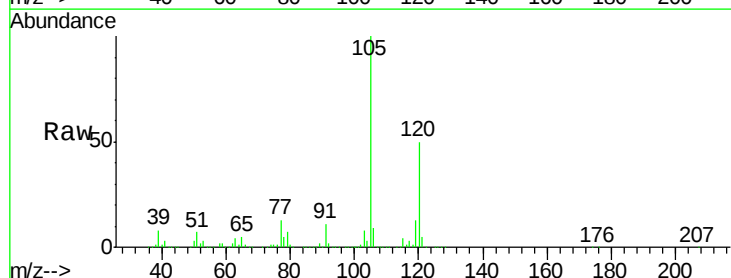
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

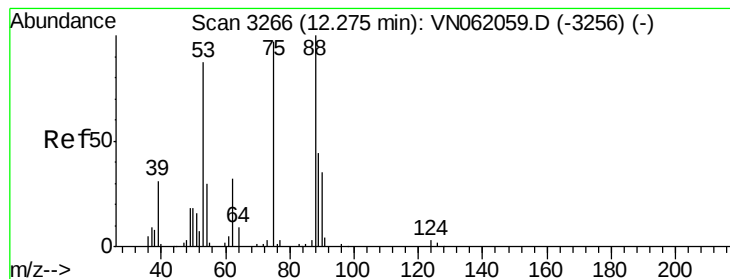
Tgt Ion: 91 Resp: 1790202
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 161.573 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion: 105 Resp: 2219412
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 179.786 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

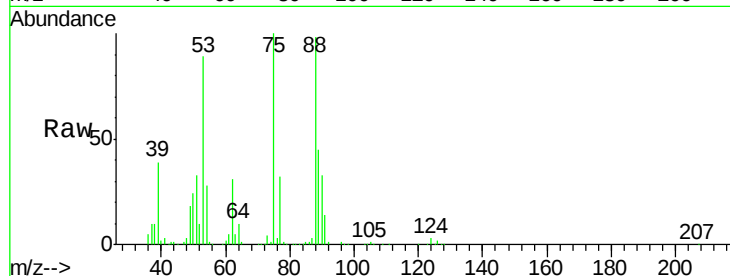
Tgt Ion: 75 Resp: 307559

Ion Ratio Lower Upper

75 100

53 90.4 72.0 108.0

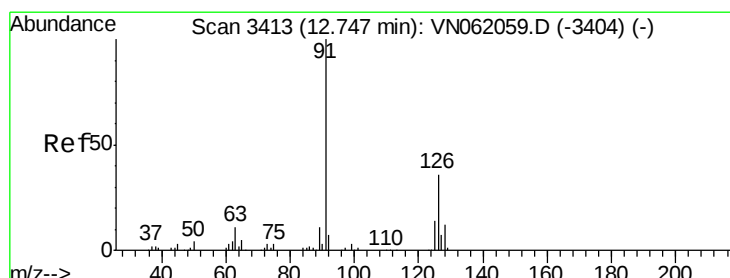
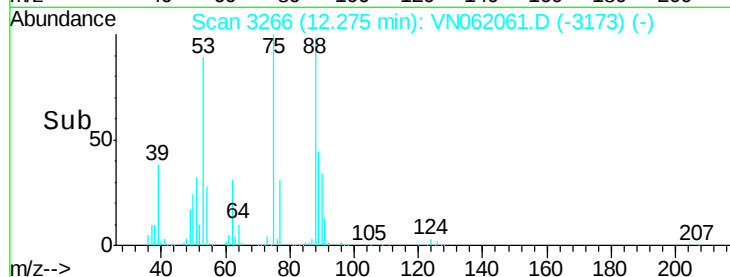
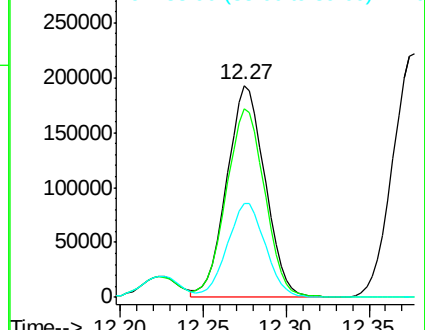
89 44.8 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062061.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062061.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062061.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 164.302 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062061.D

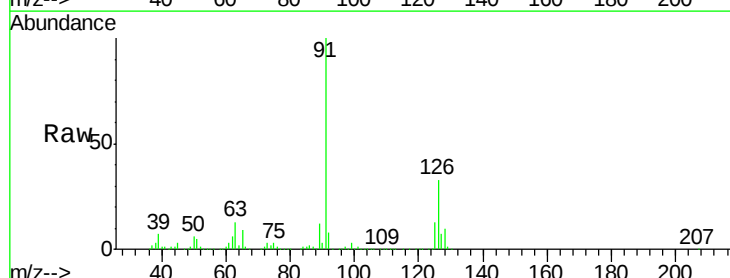
Acq: 24 Jun 2020 11:42

Tgt Ion: 91 Resp: 1939748

Ion Ratio Lower Upper

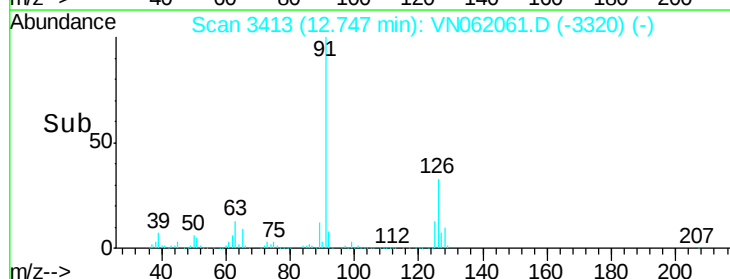
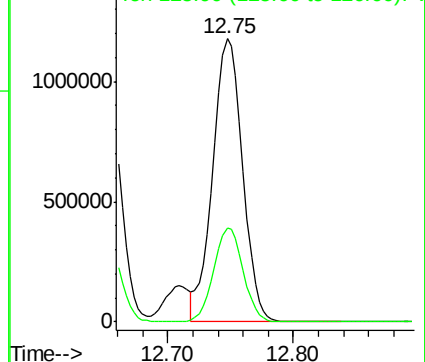
91 100

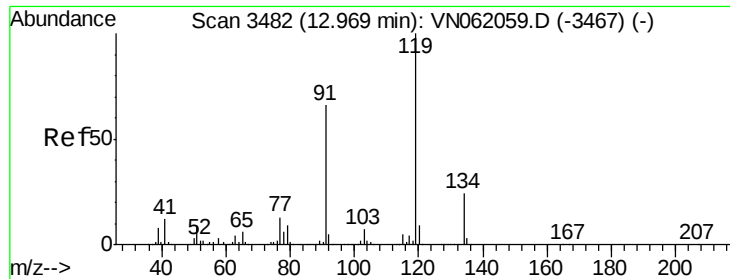
126 32.8 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062061.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062061.D (-3320) (-)

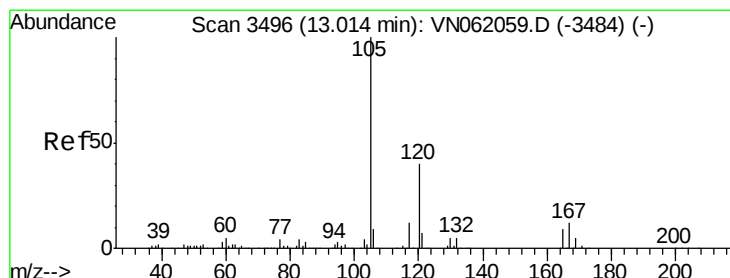
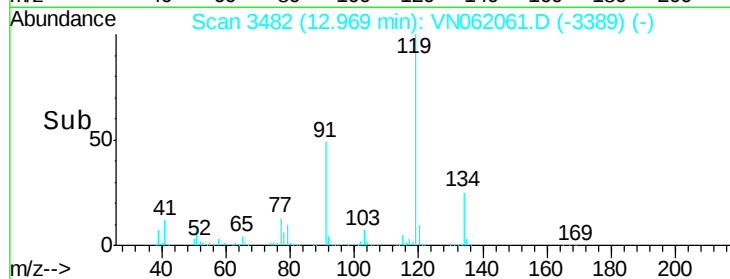
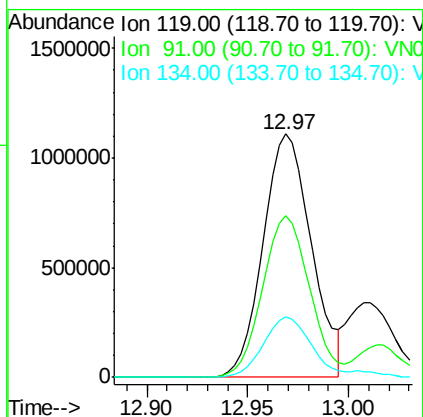
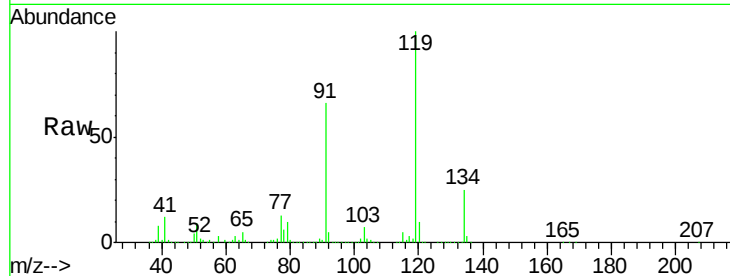




#83
 tert-Butylbenzene
 Concen: 158.791 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

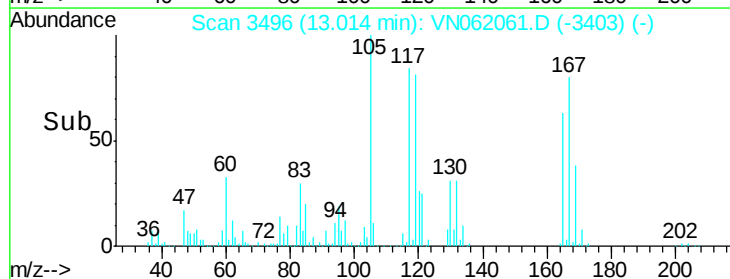
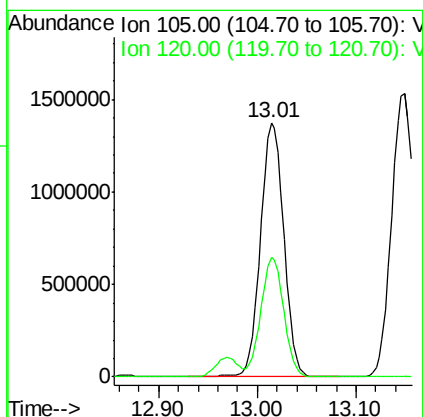
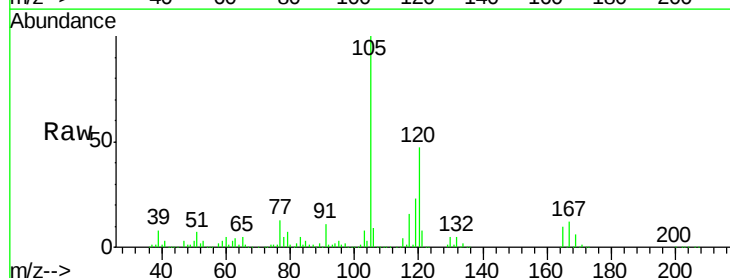
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

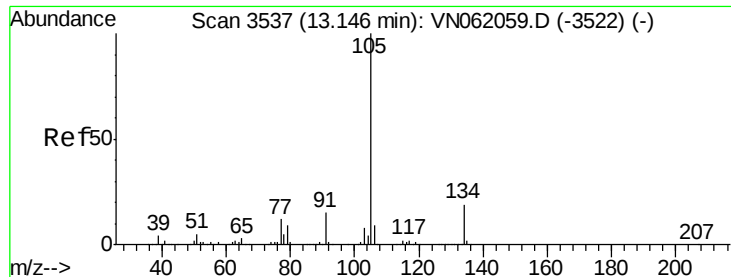
Tgt Ion:119 Resp: 1849315
 Ion Ratio Lower Upper
 119 100
 91 64.6 31.7 95.1
 134 26.2 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 164.855 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion:105 Resp: 2232390
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.5

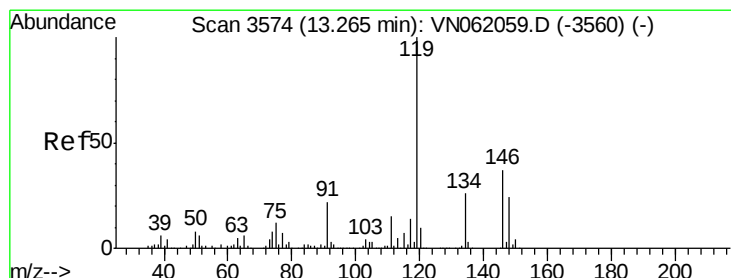
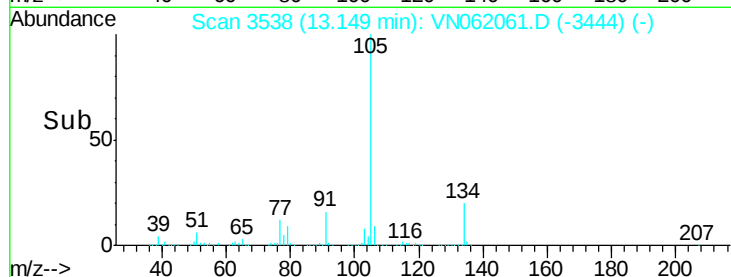
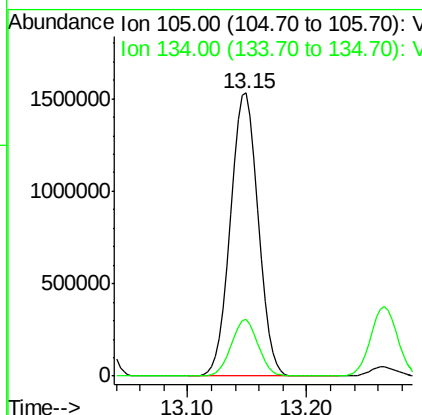
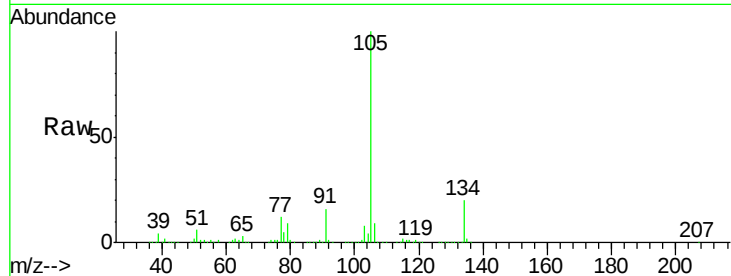




#85
 sec-Butylbenzene
 Concen: 161.778 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

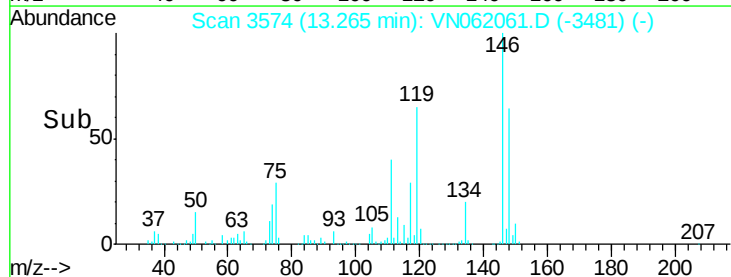
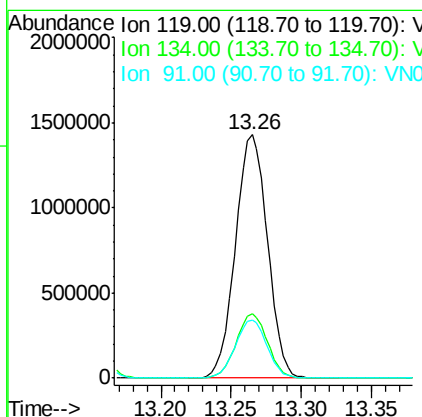
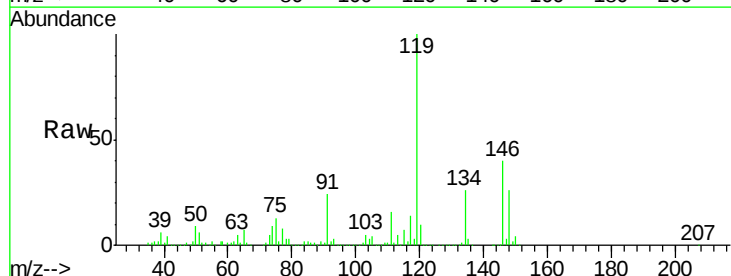
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

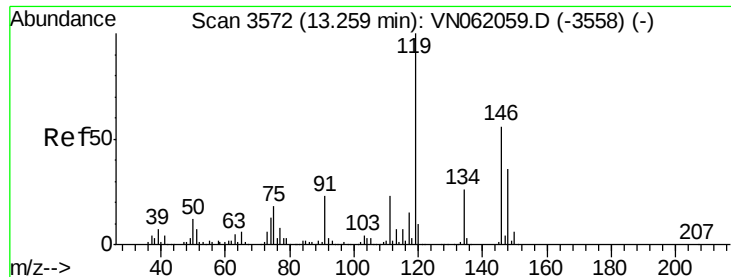
Tgt Ion:105 Resp: 2472910
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 167.308 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion:119 Resp: 2270285
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 23.7 11.3 33.8

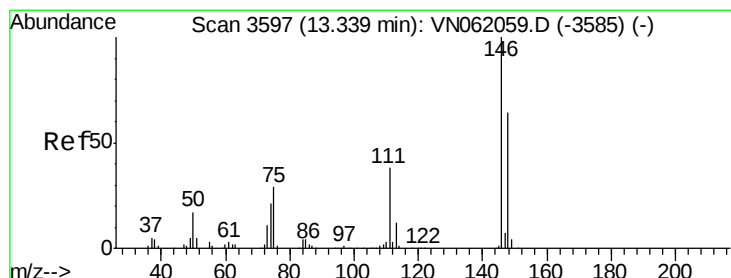
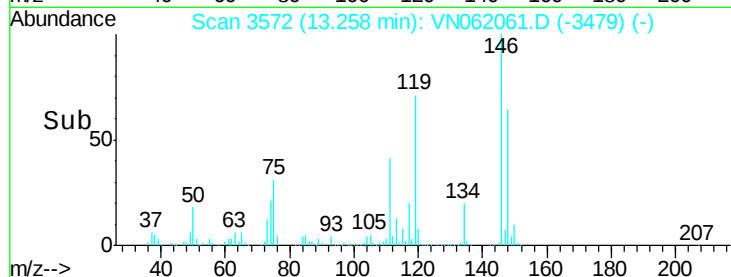
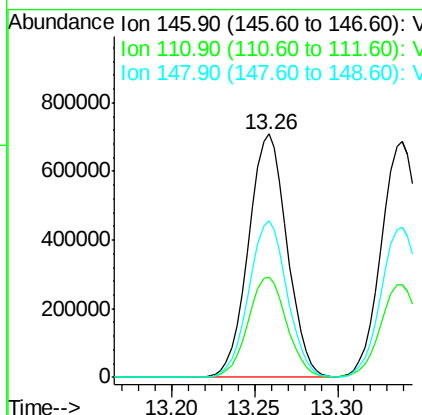
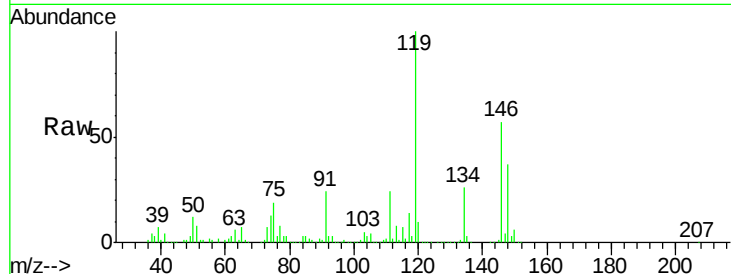




#87
 1,3-Dichlorobenzene
 Concen: 150.970 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

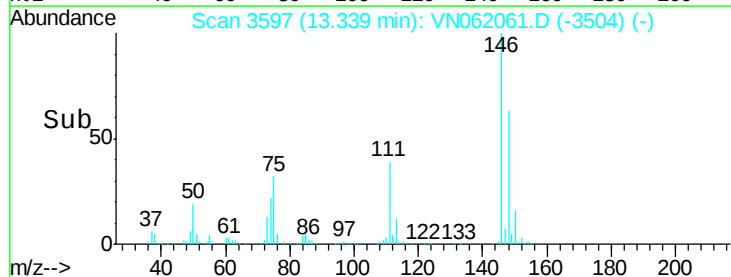
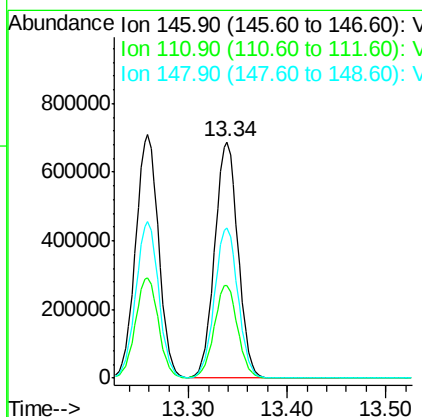
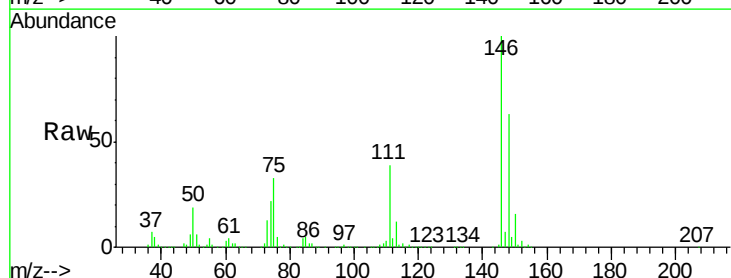
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

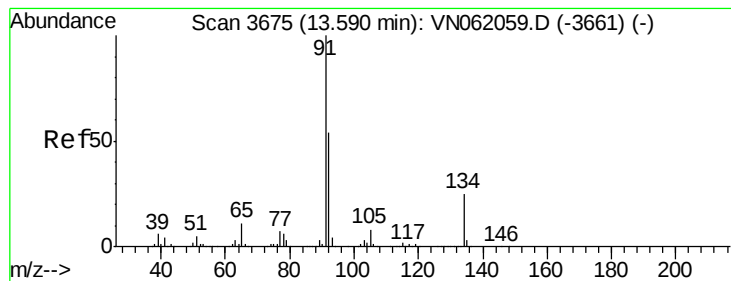
Tgt Ion:146 Resp: 1146210
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 61.0
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 146.650 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion:146 Resp: 1139331
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.9 59.6
 148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 174.491 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

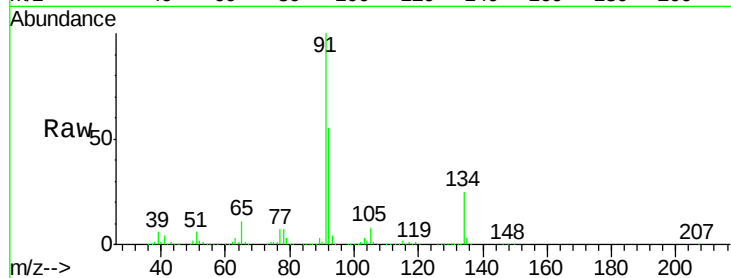
Tgt Ion: 91 Resp: 1985614

Ion Ratio Lower Upper

91 100

92 54.2 26.6 79.7

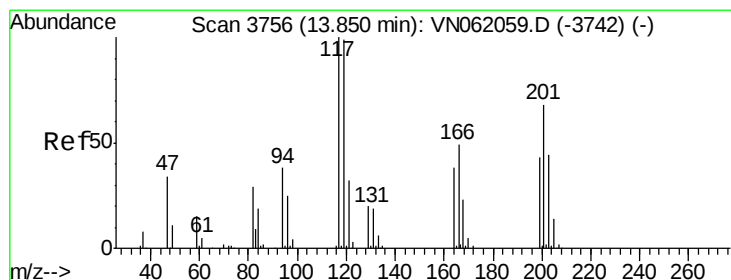
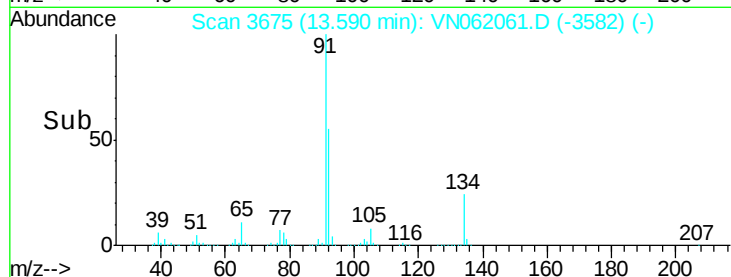
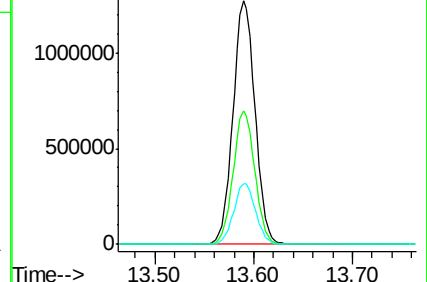
134 24.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062059.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062059.D (-3661) (-)



#90

Hexachloroethane

Concen: 165.073 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062061.D

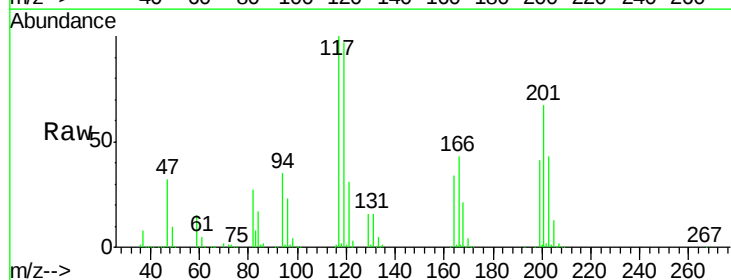
Acq: 24 Jun 2020 11:42

Tgt Ion: 117 Resp: 413041

Ion Ratio Lower Upper

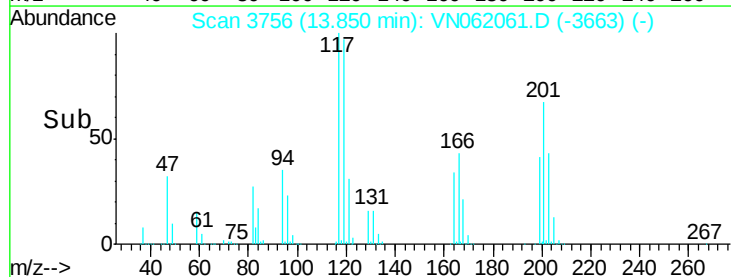
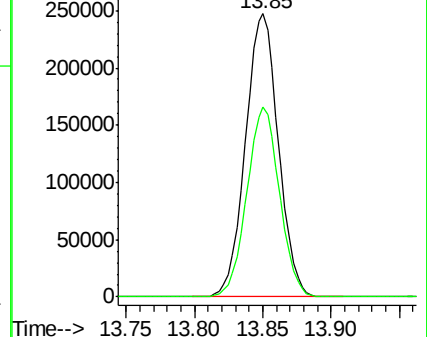
117 100

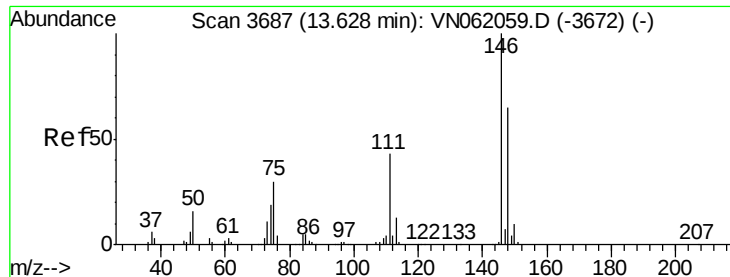
201 66.4 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062059.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062059.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 148.360 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

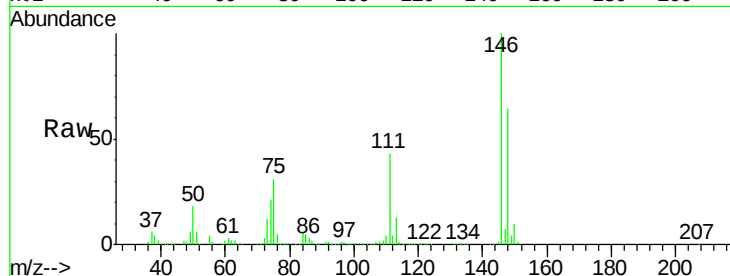
Tgt Ion:146 Resp: 1082413

Ion Ratio Lower Upper

146 100

111 42.6 21.2 63.6

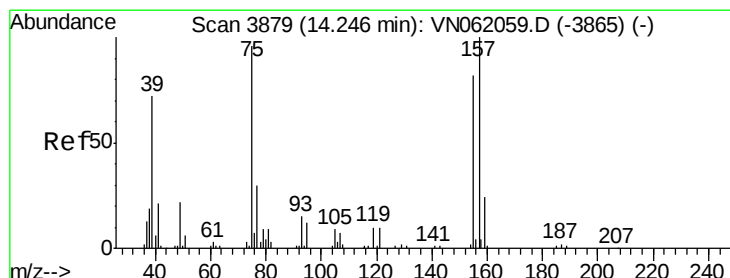
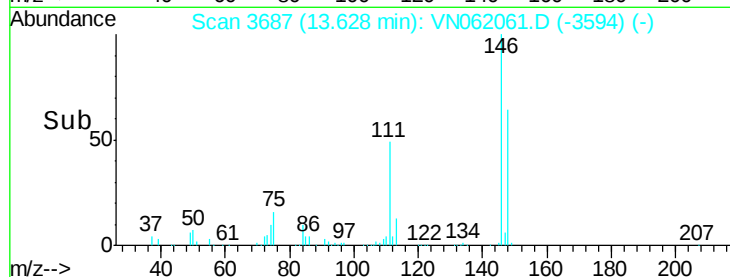
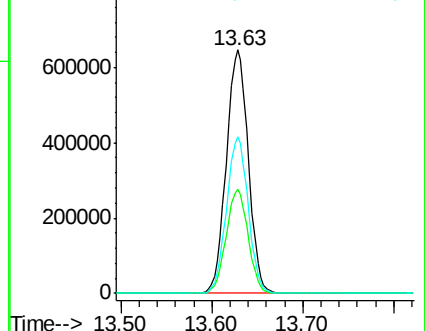
148 63.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 166.615 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

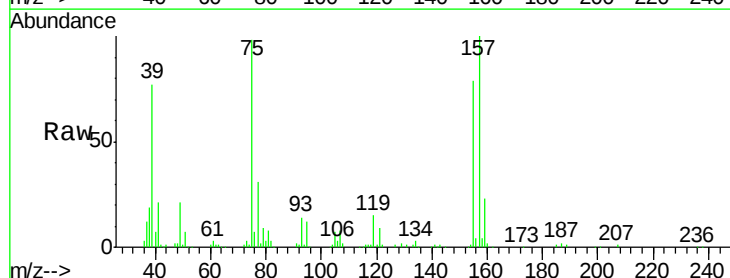
Tgt Ion: 75 Resp: 147306

Ion Ratio Lower Upper

75 100

155 82.6 40.8 122.4

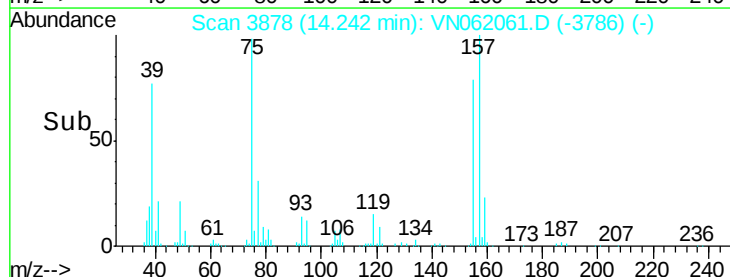
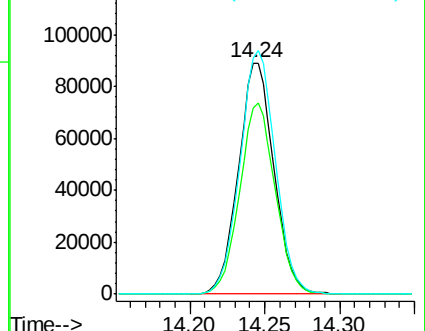
157 104.8 51.4 154.3

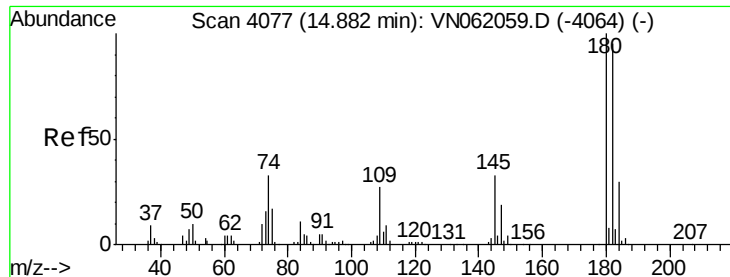


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

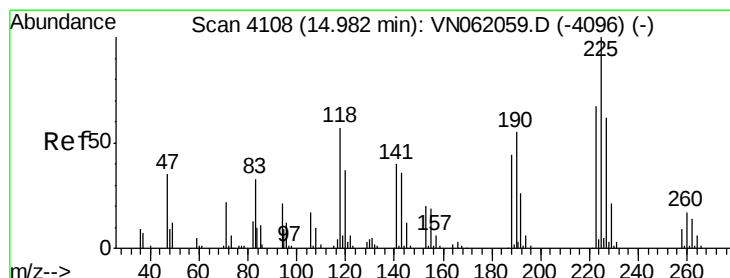
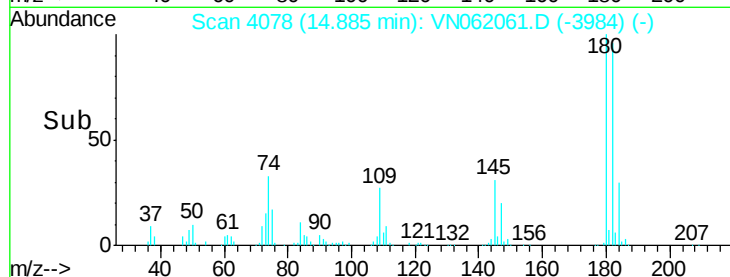
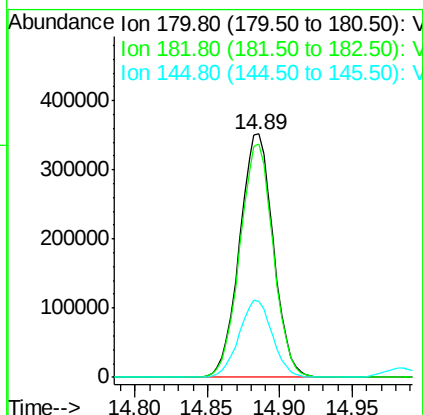
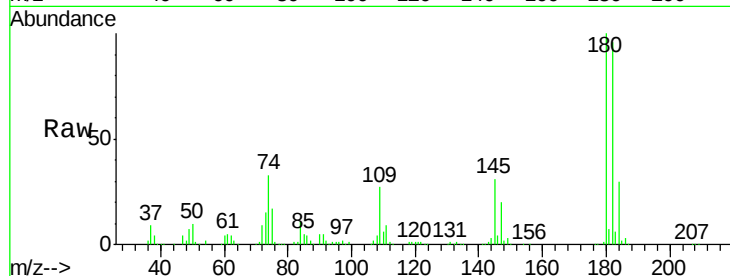




#93
1,2,4-Trichlorobenzene
Concen: 166.834 ug/l
RT: 14.89 min Scan# 4078
Delta R.T. 0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

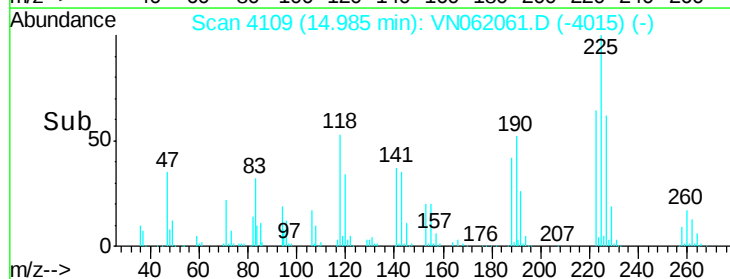
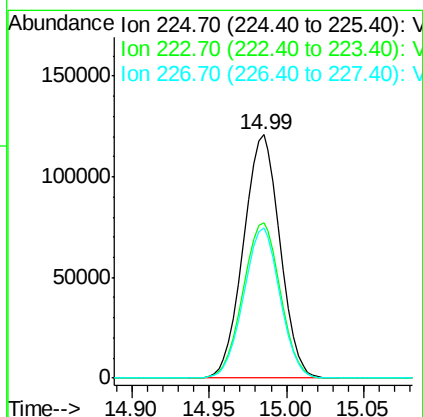
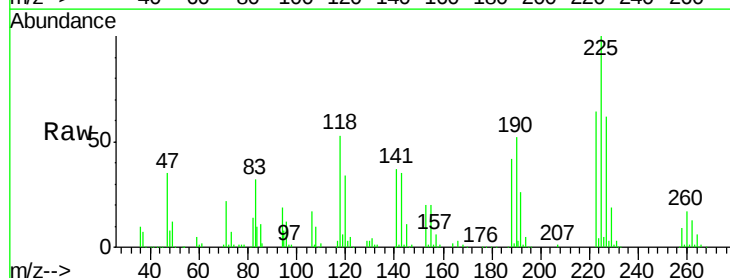
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

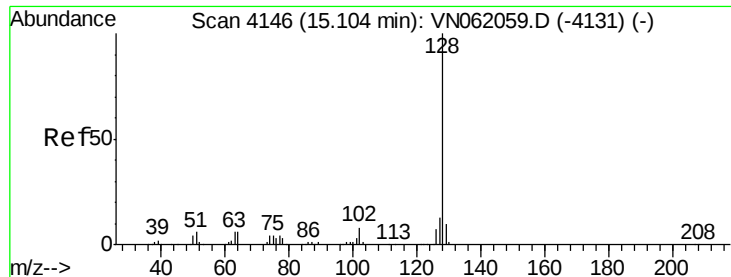
Tgt Ion:180 Resp: 570136
Ion Ratio Lower Upper
180 100
182 94.9 48.0 144.2
145 31.2 16.0 48.0



#94
Hexachlorobutadiene
Concen: 146.684 ug/l
RT: 14.99 min Scan# 4109
Delta R.T. 0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion:225 Resp: 198795
Ion Ratio Lower Upper
225 100
223 65.1 32.9 98.7
227 61.4 31.3 93.8

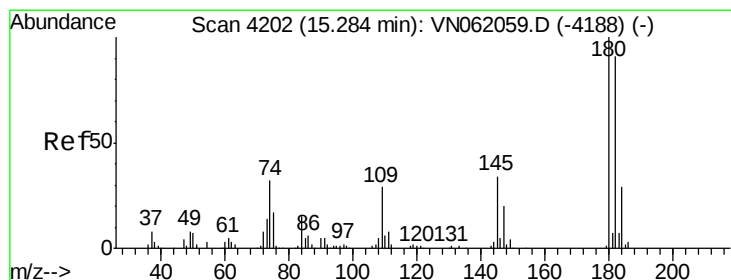
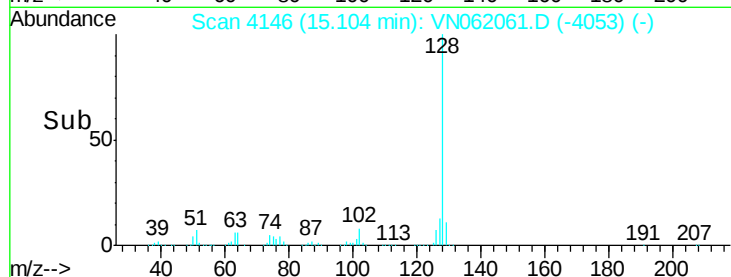
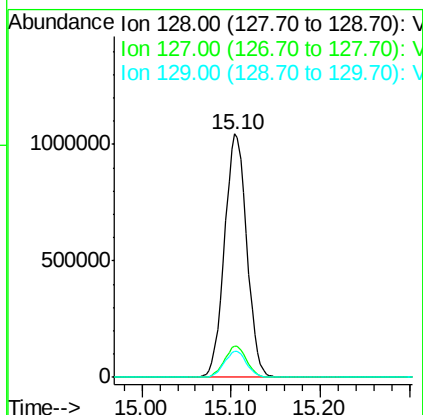
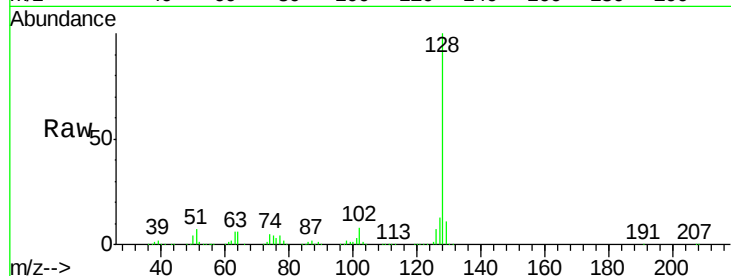




#95
Naphthalene
Concen: 182.492 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampled :
VSTDICC150

Tgt Ion:128 Resp: 1801316
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 164.529 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion:180 Resp: 559740
Ion Ratio Lower Upper
180 100
182 93.9 46.8 140.4
145 33.4 16.4 49.2

