

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028207.D
 Acq On : 20 Apr 2022 18:54
 Operator : JC/MD
 Sample : N2459-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31574

Quant Time: Apr 21 06:15:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	380674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	665351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	640744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	346806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	263027	52.992	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.980%			
35) Dibromofluoromethane	5.391	113	242408	51.951	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.900%			
50) Toluene-d8	8.653	98	883678	49.309	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.620%			
62) 4-Bromofluorobenzene	11.079	95	351281	51.264	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.520%			
Target Compounds						Qvalue
3) Chloromethane	1.270	50	8082	0.893	ug/l #	66
5) Bromomethane	1.618	94	723	Below Cal	#	53
6) Chloroethane	1.697	64	196	Below Cal	#	43
8) Diethyl Ether	2.136	74	387	Below Cal	#	7
10) Methyl Iodide	2.459	142	385	5.316	ug/l #	80
11) Tert butyl alcohol	2.947	59	8201	Below Cal	#	72
13) Acrolein	2.215	56	23940	39.355	ug/l #	1
14) Allyl chloride	2.758	41	22851	4.655	ug/l #	1
15) Acrylonitrile	3.099	53	2916	1.442	ug/l #	38
16) Acetone	2.374	43	58887	37.657	ug/l	88
18) Methyl Acetate	2.703	43	3036	0.688	ug/l #	56
19) Methyl tert-butyl Ether	3.117	73	9574	0.785	ug/l #	1
20) Methylene Chloride	2.794	84	907	0.246	ug/l #	62
22) Diisopropyl ether	3.757	45	11828	1.058	ug/l #	82
23) Vinyl Acetate	3.764	43	6830	0.699	ug/l #	66
25) 2-Butanone	4.562	43	30468	10.365	ug/l	97
26) 2,2-Dichloropropane	4.294	77	1478	0.229	ug/l #	52
29) Tetrahydrofuran	5.019	42	1787	0.932	ug/l #	89
31) Cyclohexane	5.477	56	69760	11.536	ug/l	96
36) 1,1-Dichloropropene	5.556	75	27523	4.522	ug/l #	49
37) Ethyl Acetate	4.562	43	30468	4.933	ug/l #	65
38) Carbon Tetrachloride	5.550	117	37813	5.503	ug/l #	15
39) Methylcyclohexane	7.385	83	25988	3.384	ug/l	95
40) Benzene	6.044	78	1981634	111.226	ug/l	100
42) 1,2-Dichloroethane	6.044	62	17680	2.673	ug/l #	73
48) Methyl methacrylate	7.659	41	2273	0.493	ug/l #	78
51) 4-Methyl-2-Pentanone	8.580	43	4750	0.736	ug/l	95
52) Toluene	8.720	92	2330037	188.244	ug/l	96
53) t-1,3-Dichloropropene	8.720	75	25993	3.720	ug/l #	1
59) 2-Hexanone	9.439	43	2882	0.577	ug/l	87
67) Ethyl Benzene	10.195	91	116442	5.083	ug/l	97
68) m/p-Xylenes	10.305	106	1604484	172.097	ug/l	92
69) o-Xylene	10.640	106	886020	95.319	ug/l	94
70) Styrene	10.640	104	44586	2.961	ug/l #	1
73) Isopropylbenzene	10.963	105	12709	0.533	ug/l	99
76) 1,2,3-Trichloropropane	11.378	75	12792	1.874	ug/l #	1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

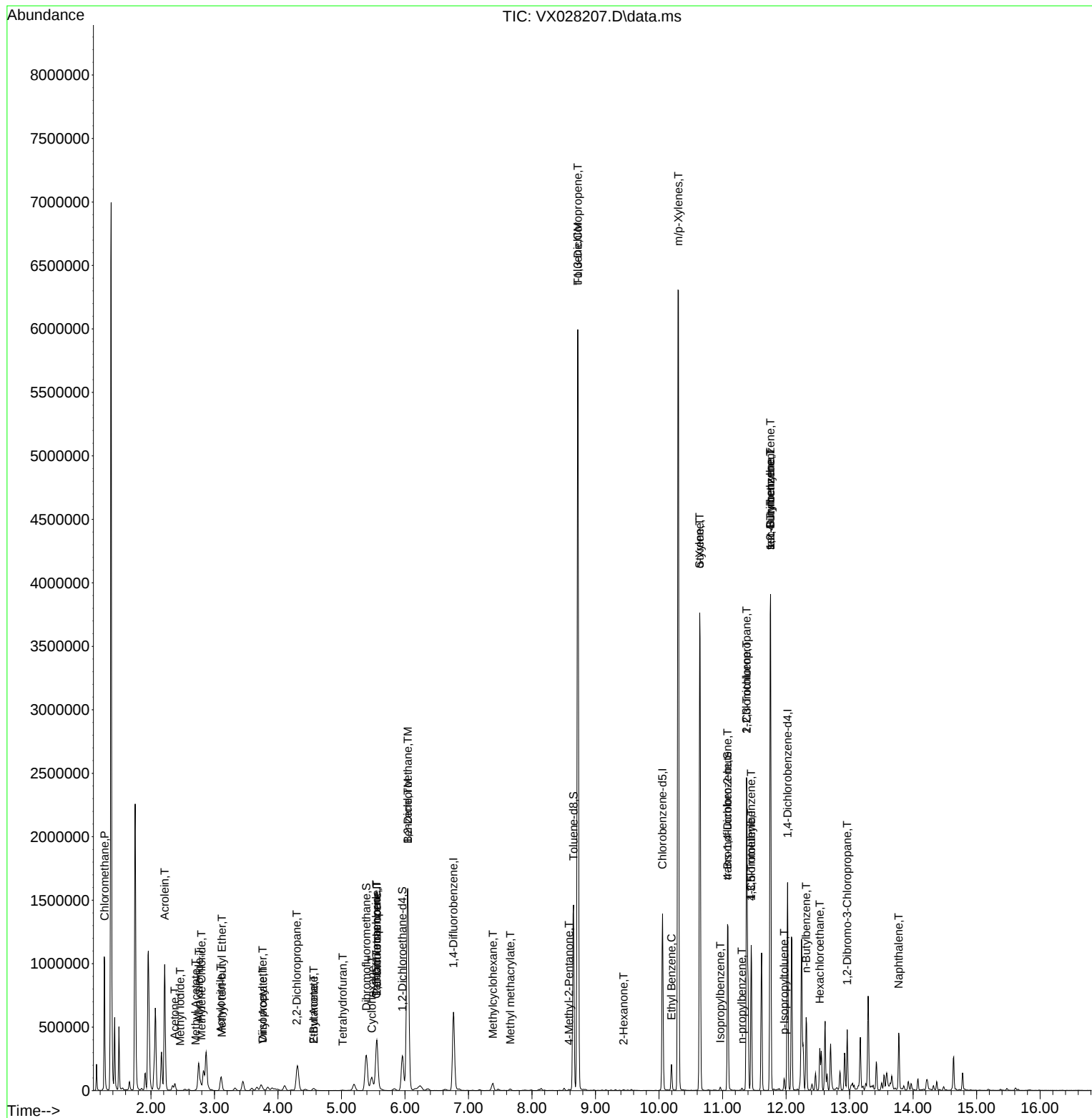
78) n-propylbenzene	11.305	91	9570	0.362	ug/l #	52
79) 2-Chlorotoluene	11.378	91	192079	11.688	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	499818	24.701	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	171241	74.558	ug/l #	15
82) 4-Chlorotoluene	11.451	91	53648	2.834	ug/l #	45
83) tert-Butylbenzene	11.756	119	222976	10.792	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.756	105	1791495	89.068	ug/l	95
85) sec-Butylbenzene	11.756	105	1791495	71.868	ug/l #	56
86) p-Isopropyltoluene	11.969	119	39289	1.827	ug/l	93
89) n-Butylbenzene	12.317	91	49724	2.816	ug/l #	1
90) Hexachloroethane	12.530	117	13193	5.100	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.963	75	1562	0.908	ug/l #	1
95) Naphthalene	13.774	128	289440	12.606	ug/l	100

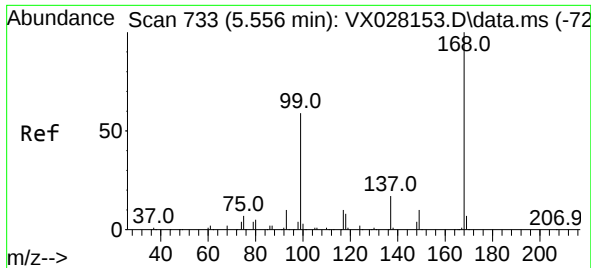
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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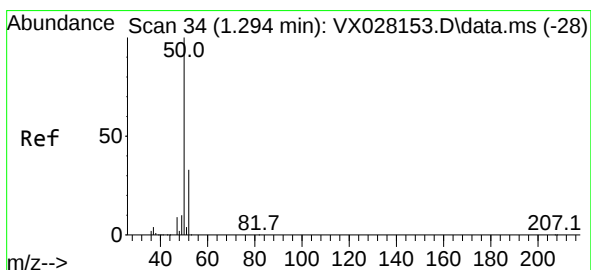
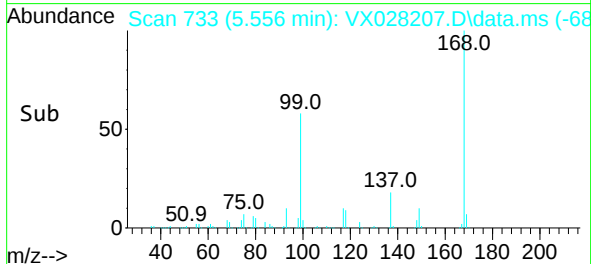
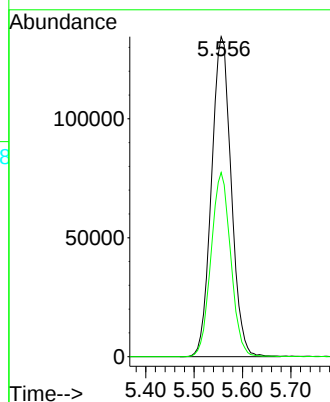
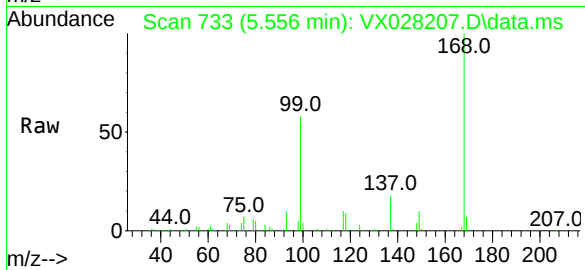




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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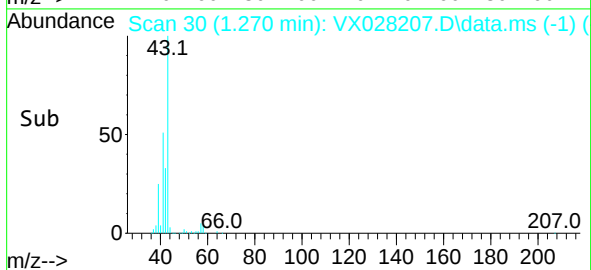
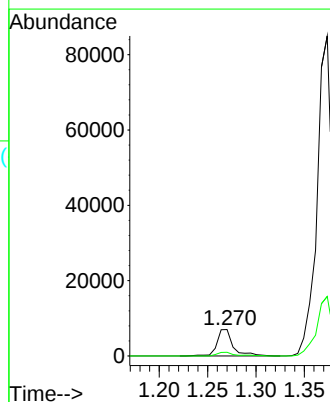
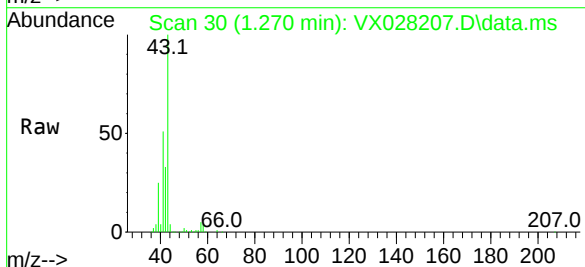
Instrument :
MSVOA_X
ClientSampleId :
31574

Tgt Ion:168 Resp: 380674
Ion Ratio Lower Upper
168 100
99 57.5 41.7 62.5



#3
Chloromethane
Concen: 0.893 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.024 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

Tgt Ion: 50 Resp: 8082
Ion Ratio Lower Upper
50 100
52 13.8 26.4 39.6#

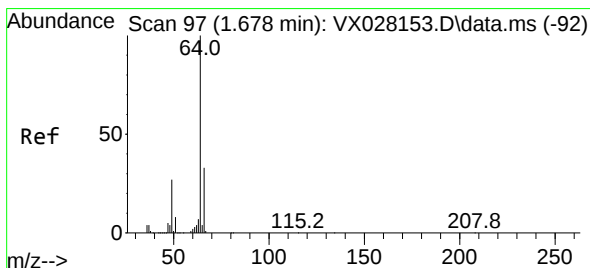
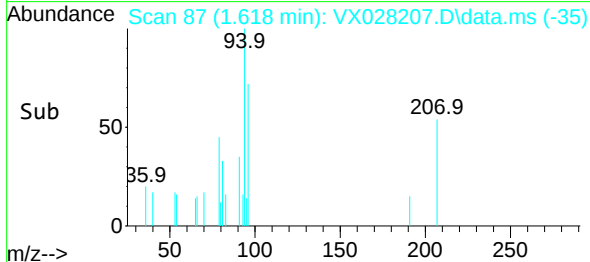
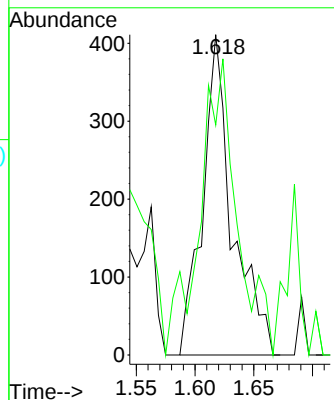
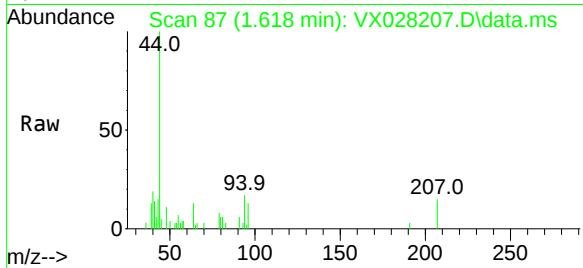




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

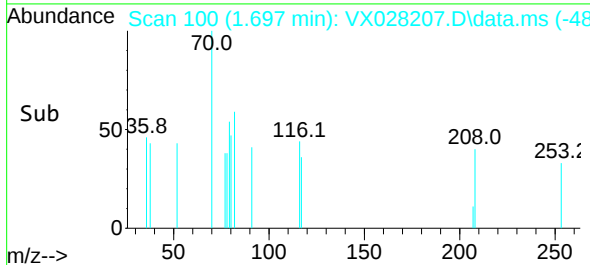
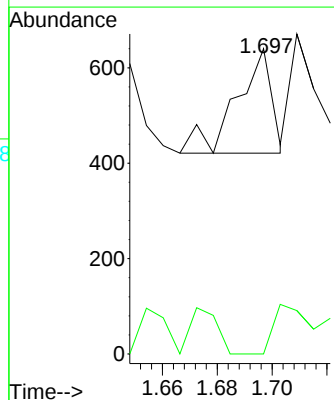
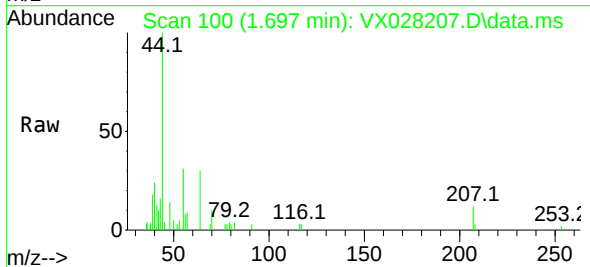
Instrument :
MSVOA_X
ClientSampleId :
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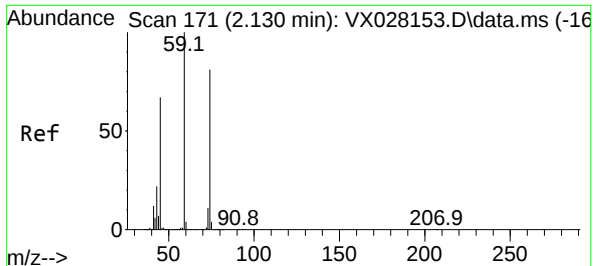
Tgt Ion: 94 Resp: 723
Ion Ratio Lower Upper
94 100
96 48.9 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

Tgt Ion: 64 Resp: 196
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

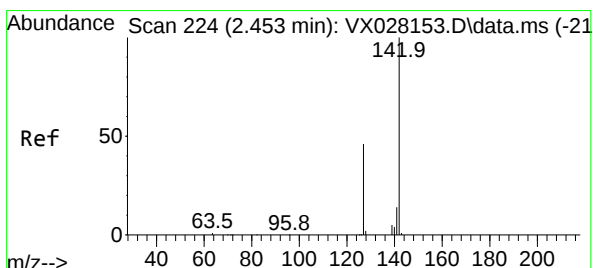
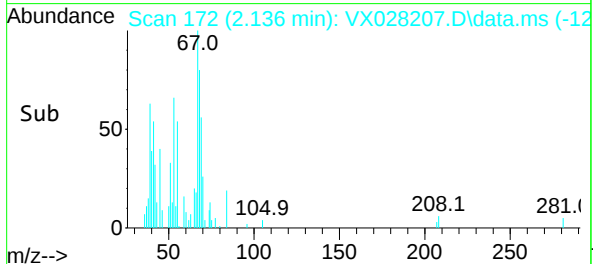
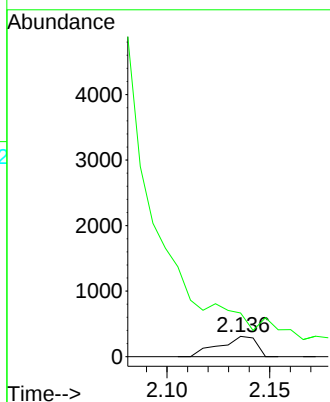
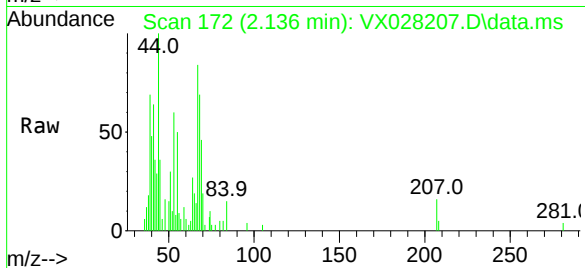




#8
Diethyl Ether
Concen: Below Cal
RT: 2.136 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

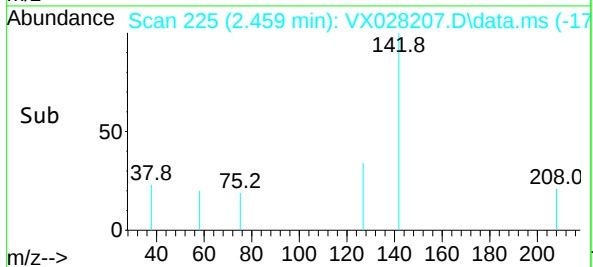
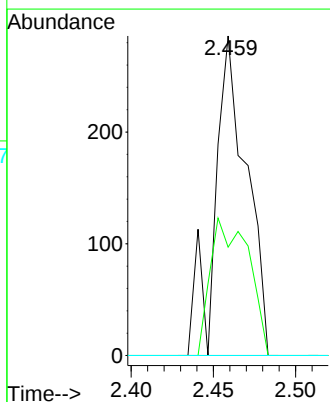
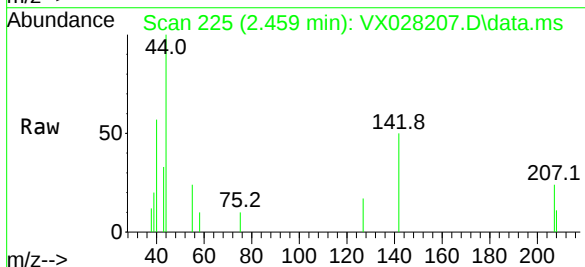
Instrument :
MSVOA_X
ClientSampleId :
31574

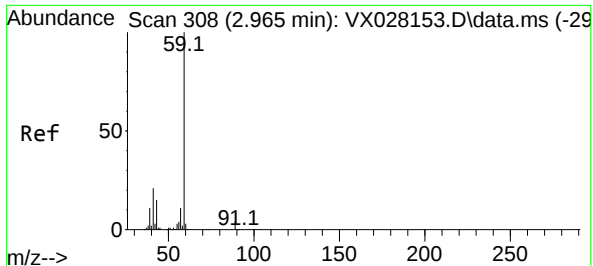
Tgt Ion: 74 Resp: 387
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.316 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

Tgt Ion:142 Resp: 385
Ion Ratio Lower Upper
142 100
127 51.7 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

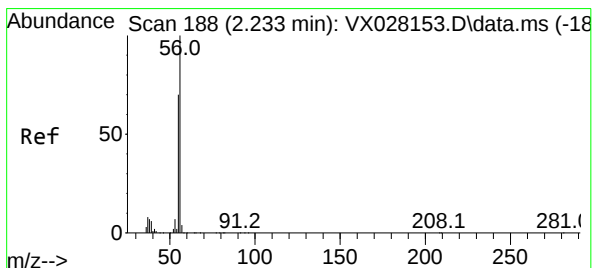
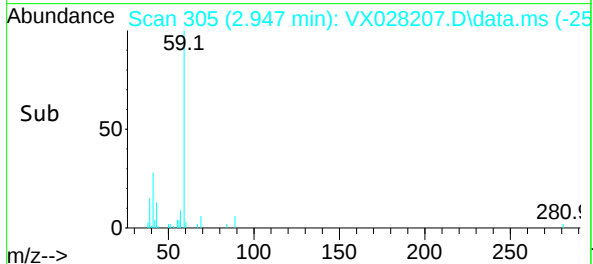
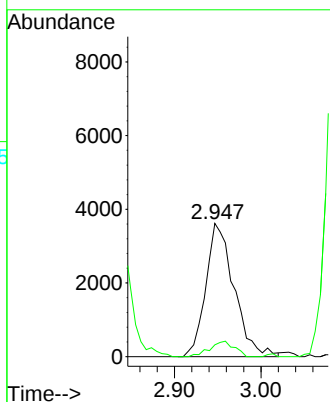
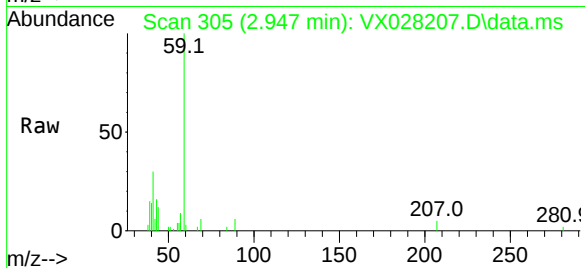
31574

Tgt Ion: 59 Resp: 8201

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 39.355 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.018 min

Lab File: VX028207.D

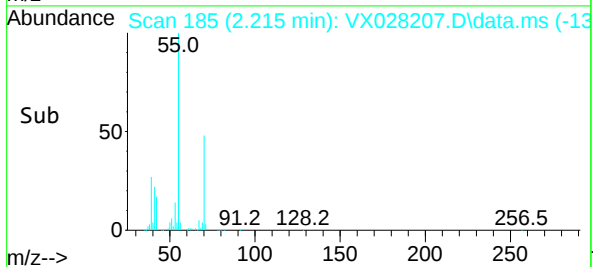
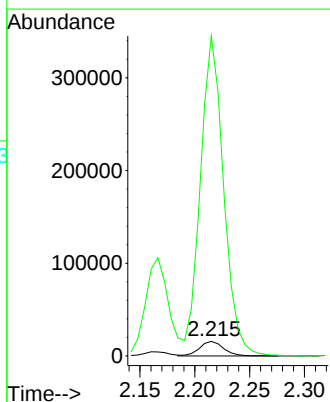
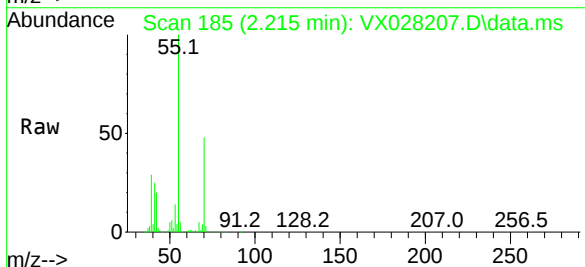
Acq: 20 Apr 2022 18:54

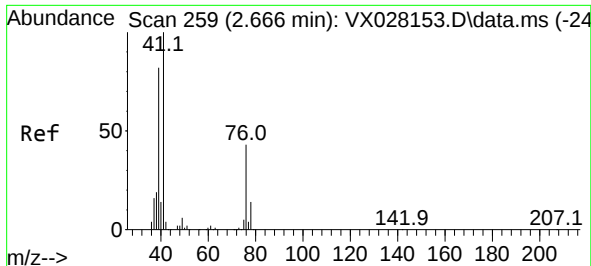
Tgt Ion: 56 Resp: 23940

Ion Ratio Lower Upper

56 100

55 2117.0 55.0 82.6#

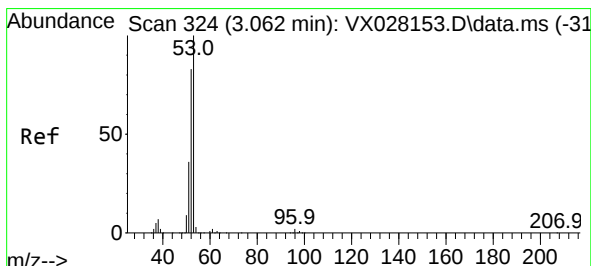
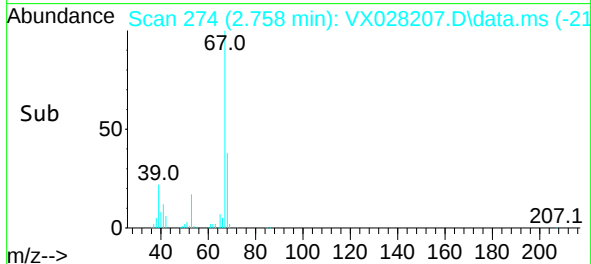
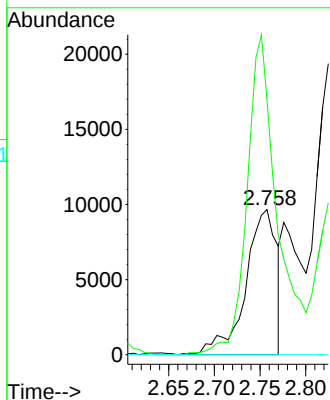
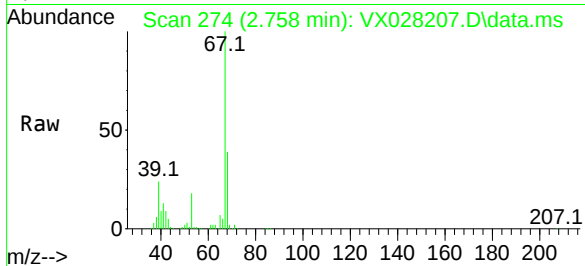




#14
 Allyl chloride
 Concen: 4.655 ug/l
 RT: 2.758 min Scan# 21
 Delta R.T. 0.092 min
 Lab File: VX028207.D
 Acq: 20 Apr 2022 18:54

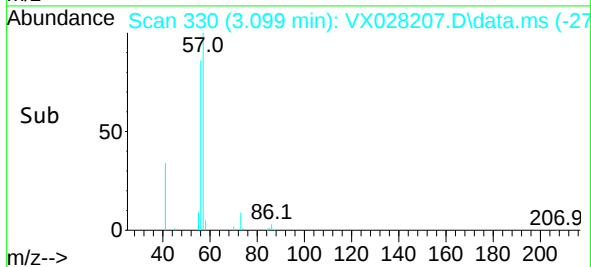
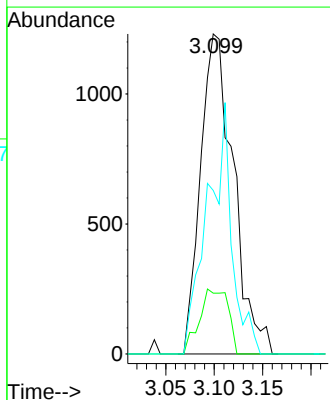
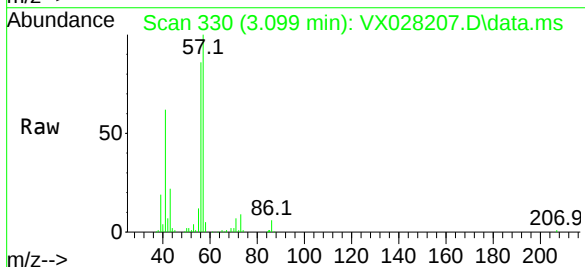
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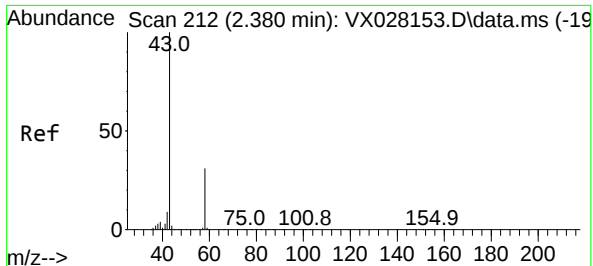
Tgt Ion: 41 Resp: 22851
 Ion Ratio Lower Upper
 41 100
 39 212.1 50.4 75.6#
 76 0.0 32.7 49.1#



#15
 Acrylonitrile
 Concen: 1.442 ug/l
 RT: 3.099 min Scan# 330
 Delta R.T. 0.037 min
 Lab File: VX028207.D
 Acq: 20 Apr 2022 18:54

Tgt Ion: 53 Resp: 2916
 Ion Ratio Lower Upper
 53 100
 52 17.6 65.7 98.5#
 51 58.4 28.4 42.6#

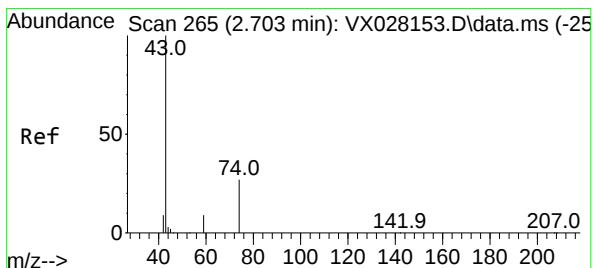
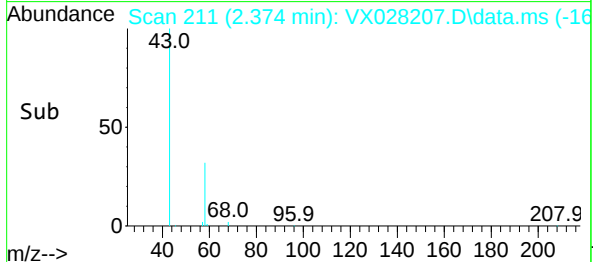
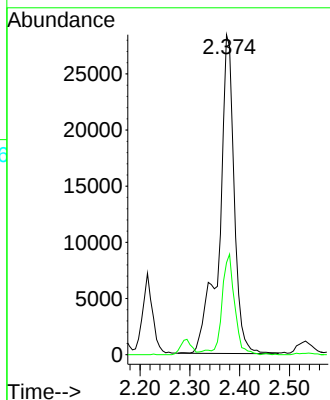
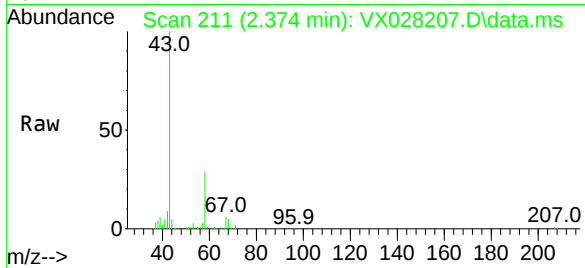




#16
Acetone
Concen: 37.657 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

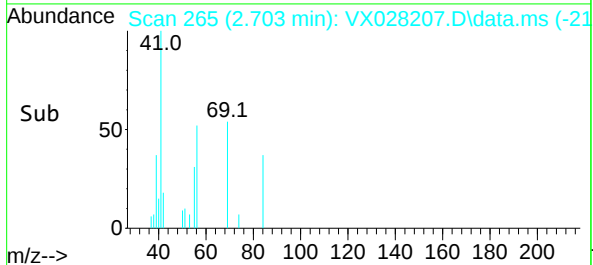
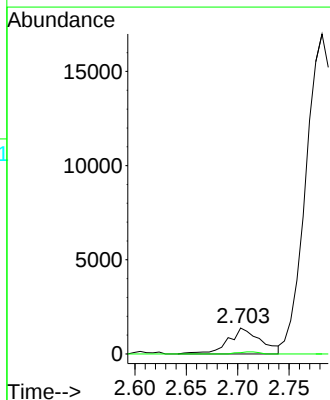
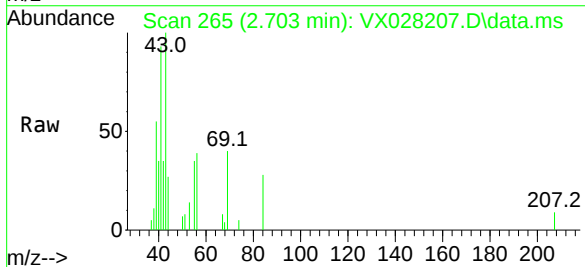
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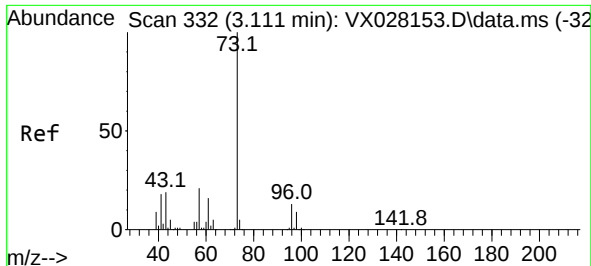
Tgt Ion: 43 Resp: 58887
Ion Ratio Lower Upper
43 100
58 28.9 28.8 43.2



#18
Methyl Acetate
Concen: 0.688 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

Tgt Ion: 43 Resp: 3036
Ion Ratio Lower Upper
43 100
74 5.0 22.8 34.2#





#19

Methyl tert-butyl Ether

Concen: 0.785 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

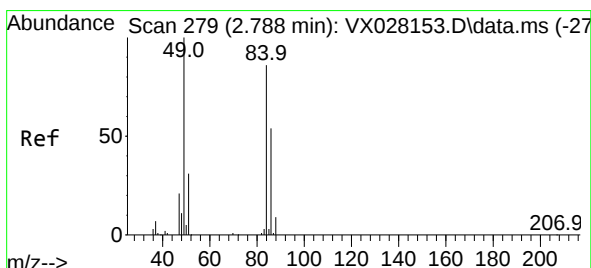
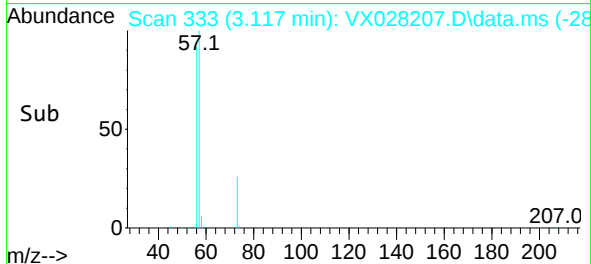
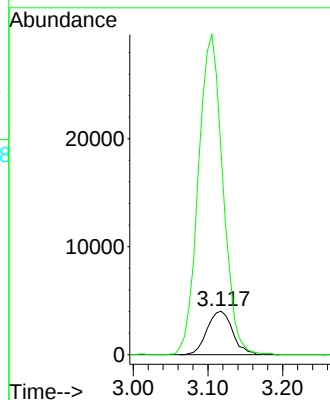
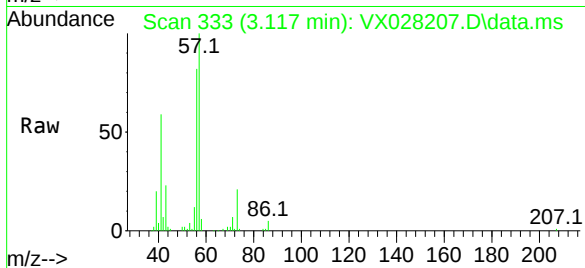
31574

Tgt Ion: 73 Resp: 9574

Ion Ratio Lower Upper

73 100

57 470.5 16.8 25.2#



#20

Methylene Chloride

Concen: 0.246 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Tgt Ion: 84 Resp: 907

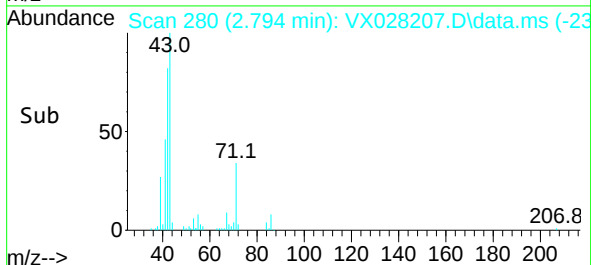
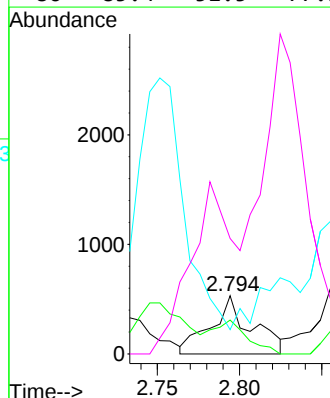
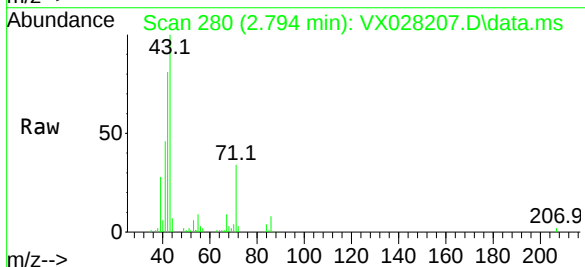
Ion Ratio Lower Upper

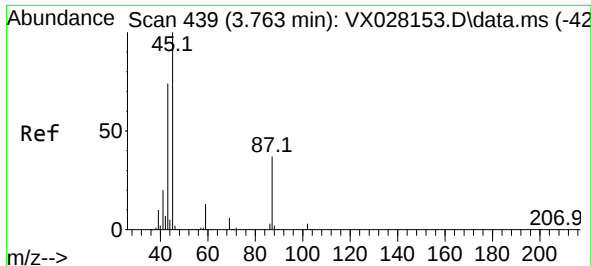
84 100

49 66.7 85.5 128.3#

51 0.0 26.6 39.8#

86 85.4 51.5 77.3#

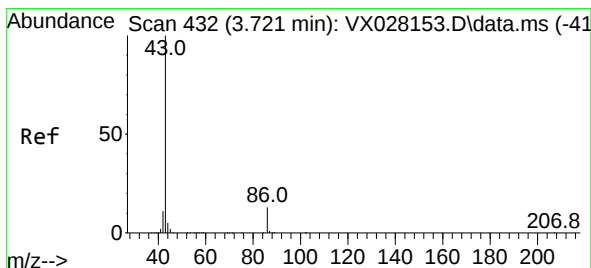
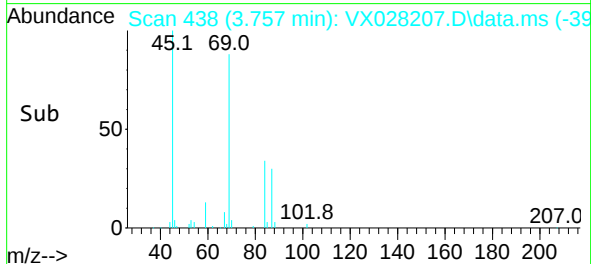
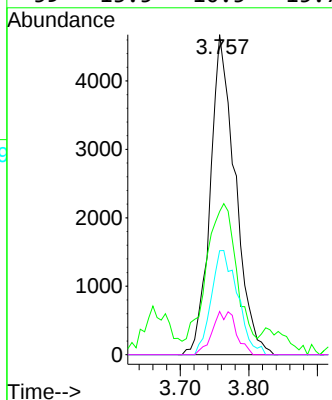
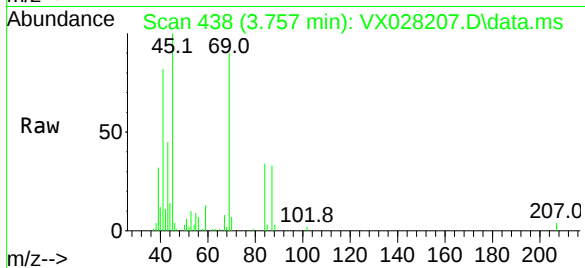




#22
Diisopropyl ether
Concen: 1.058 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

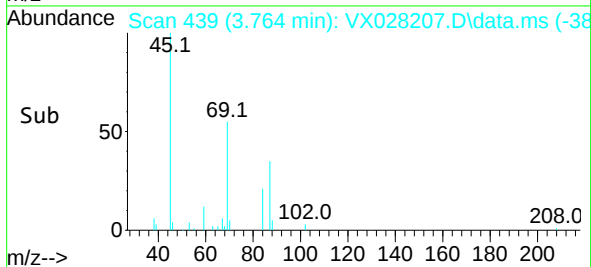
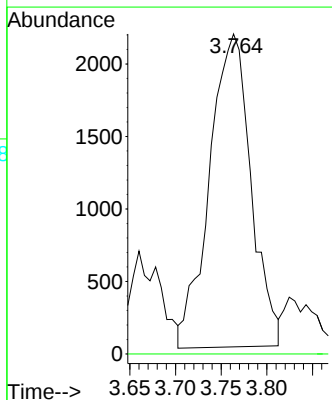
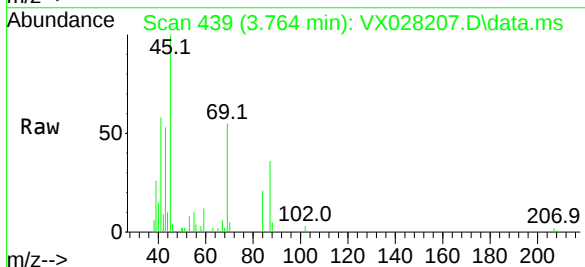
Instrument :
MSVOA_X
ClientSampleId :
31574

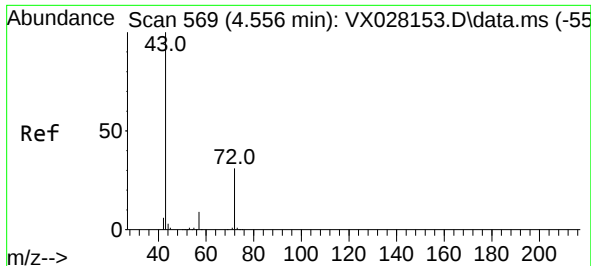
Tgt Ion:	45	Resp:	11828
Ion	Ratio	Lower	Upper
45	100		
43	39.6	50.8	76.2#
87	32.5	26.6	39.8
59	13.5	10.5	15.7



#23
Vinyl Acetate
Concen: 0.699 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.043 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

Tgt Ion:	43	Resp:	6830
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.8	16.2#





#25

2-Butanone

Concen: 10.365 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX028207.D

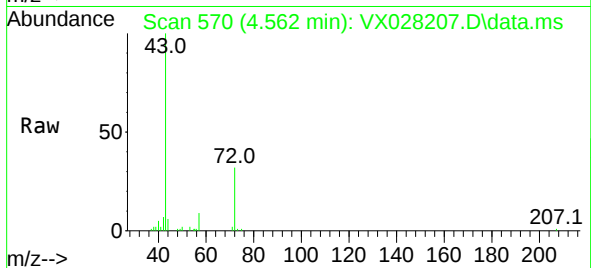
Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

31574

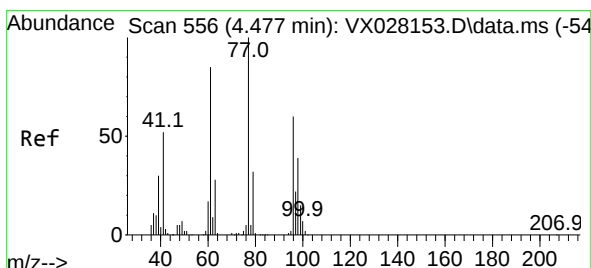
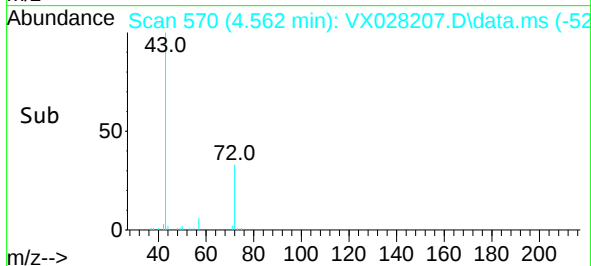
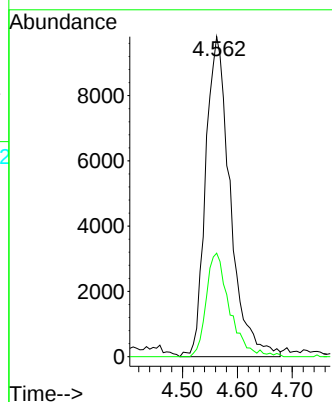


Tgt Ion: 43 Resp: 30468

Ion Ratio Lower Upper

43 100

72 32.3 24.4 36.6



#26

2,2-Dichloropropane

Concen: 0.229 ug/l

RT: 4.294 min Scan# 526

Delta R.T. -0.183 min

Lab File: VX028207.D

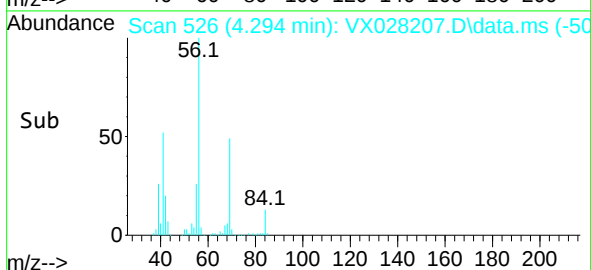
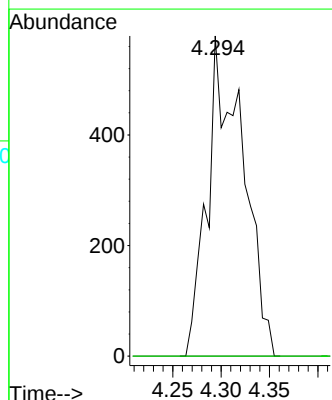
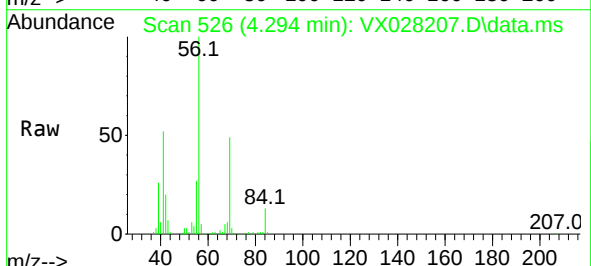
Acq: 20 Apr 2022 18:54

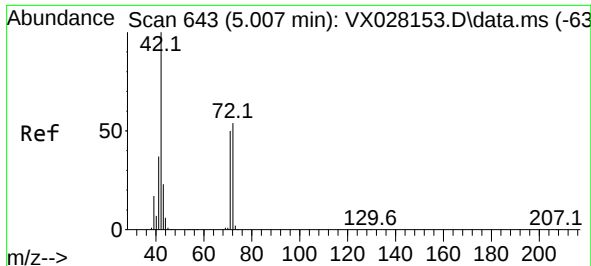
Tgt Ion: 77 Resp: 1478

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#





#29

Tetrahydrofuran

Concen: 0.932 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

31574

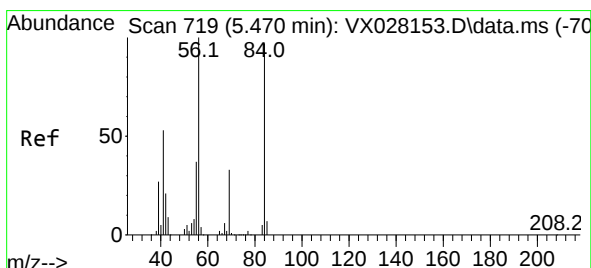
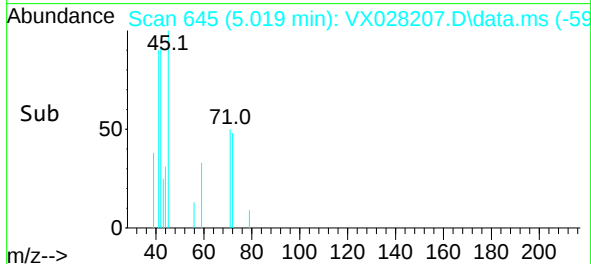
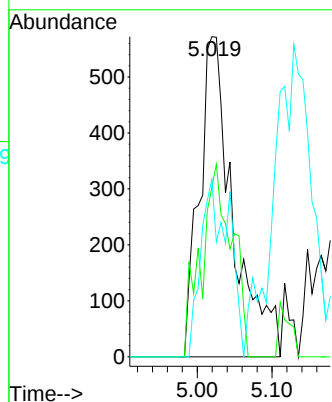
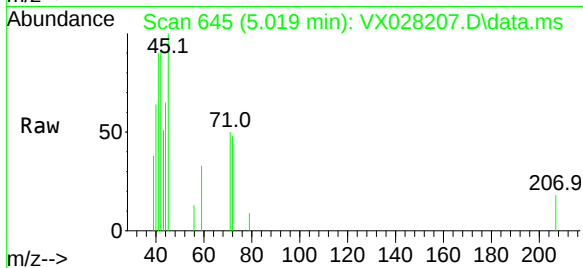
Tgt Ion: 42 Resp: 1787

Ion Ratio Lower Upper

42 100

72 55.2 44.1 66.1

71 34.9 40.5 60.7#



#31

Cyclohexane

Concen: 11.536 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.007 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

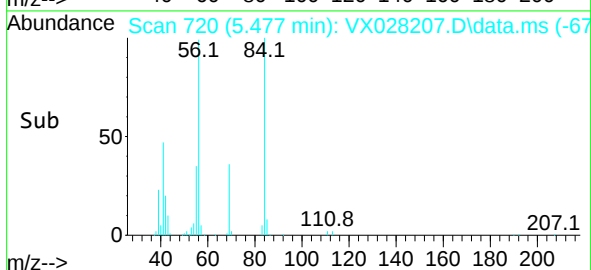
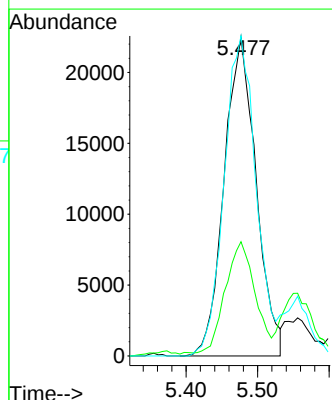
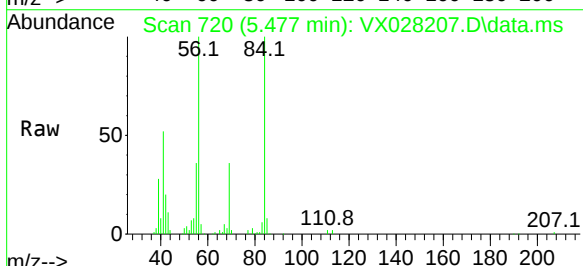
Tgt Ion: 56 Resp: 69760

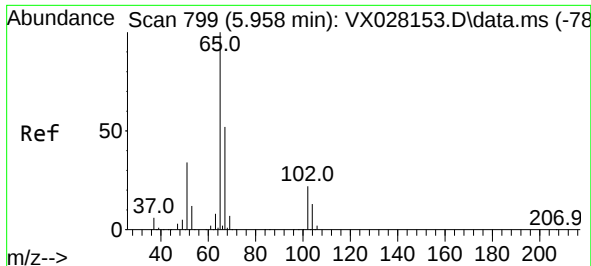
Ion Ratio Lower Upper

56 100

69 35.2 26.7 40.1

84 100.4 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 52.992 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

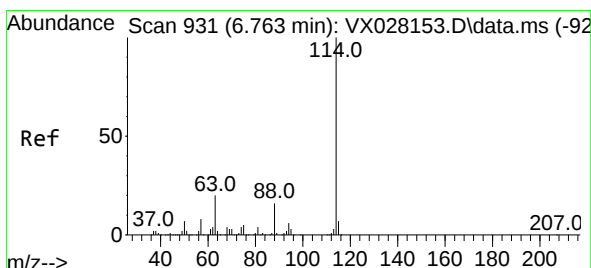
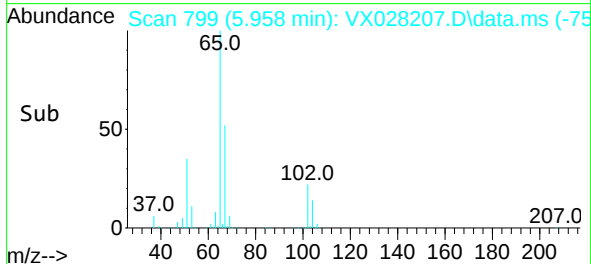
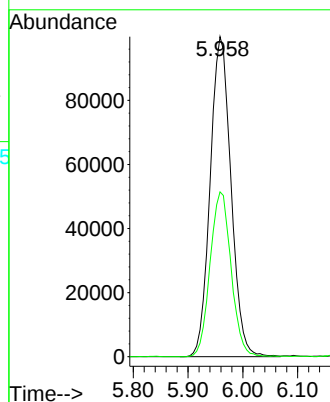
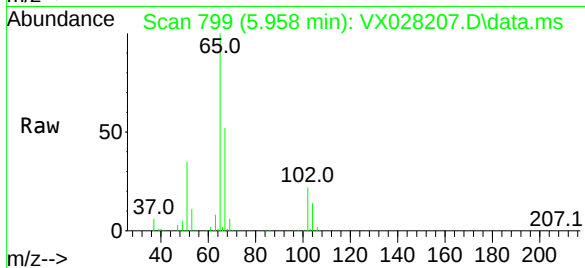
31574

Tgt Ion: 65 Resp: 263027

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

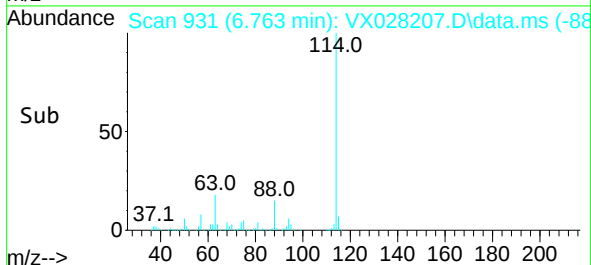
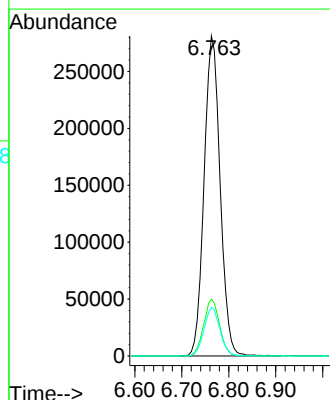
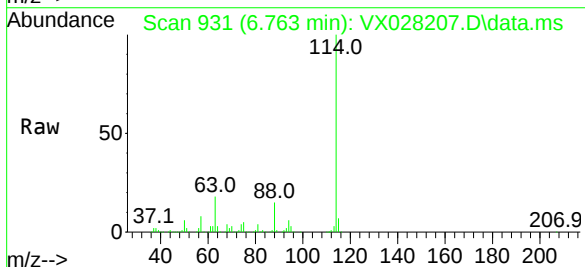
Tgt Ion: 114 Resp: 665351

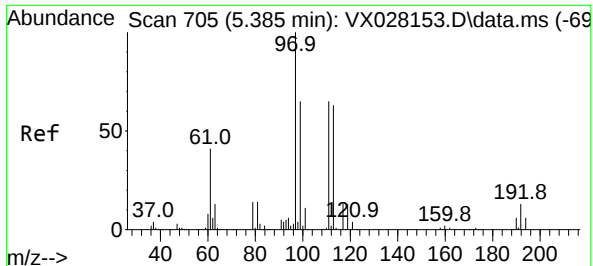
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.8

88 15.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.951 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

31574

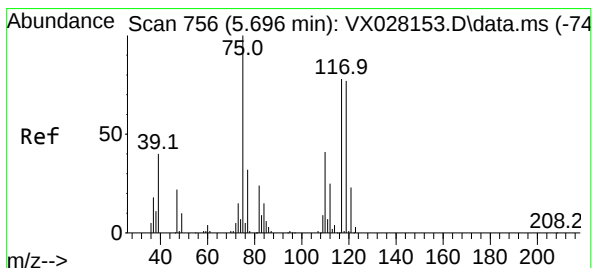
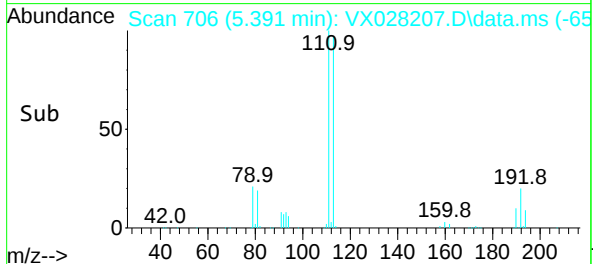
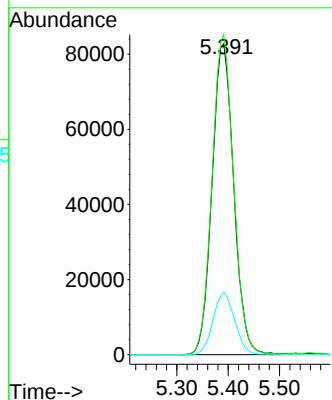
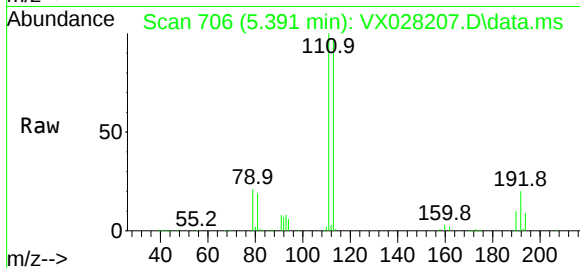
Tgt Ion:113 Resp: 242408

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 20.0 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.522 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

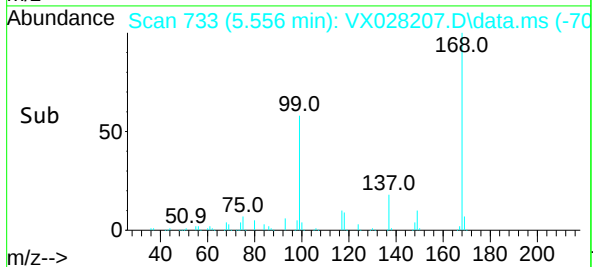
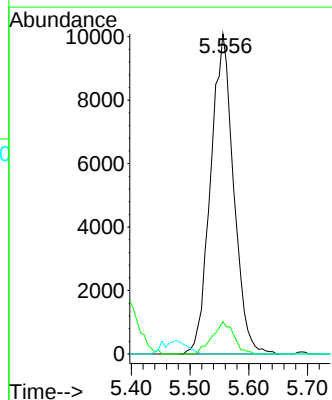
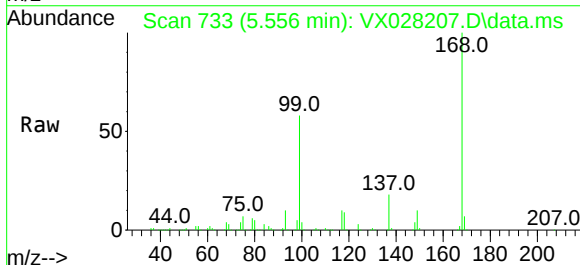
Tgt Ion: 75 Resp: 27523

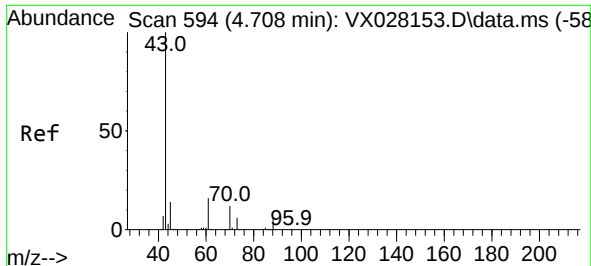
Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 4.933 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.146 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

31574

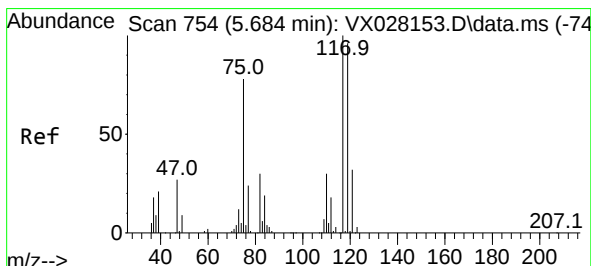
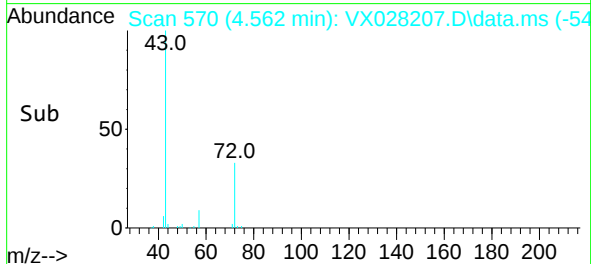
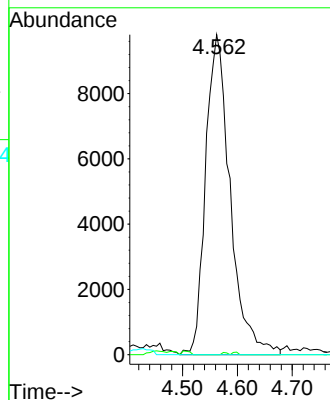
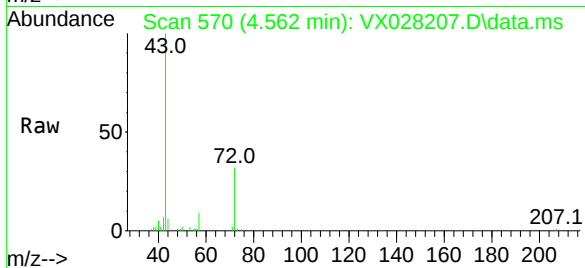
Tgt Ion: 43 Resp: 30468

Ion Ratio Lower Upper

43 100

61 0.1 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.503 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

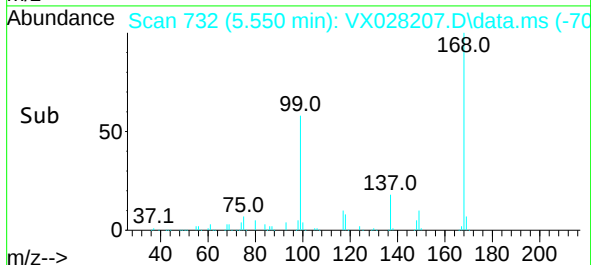
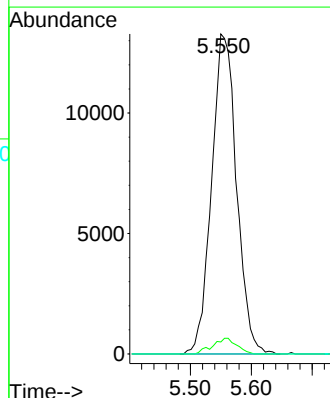
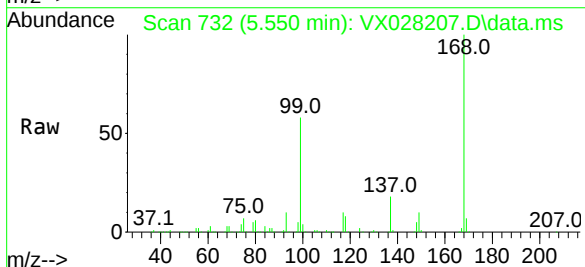
Tgt Ion: 117 Resp: 37813

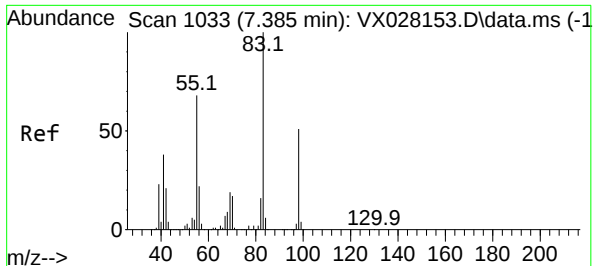
Ion Ratio Lower Upper

117 100

119 3.7 77.3 115.9#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 3.384 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

31574

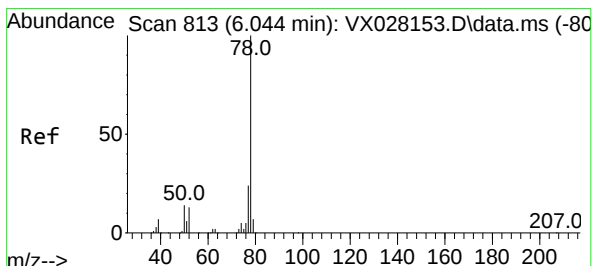
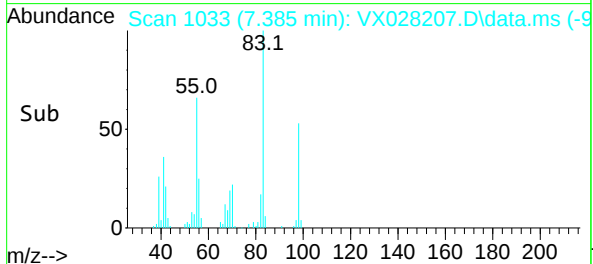
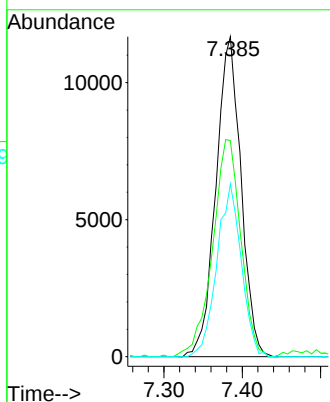
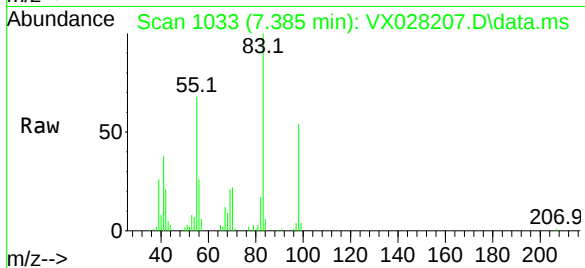
Tgt Ion: 83 Resp: 25988

Ion Ratio Lower Upper

83 100

55 67.0 54.6 81.8

98 54.0 37.4 56.2



#40

Benzene

Concen: 111.226 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX028207.D

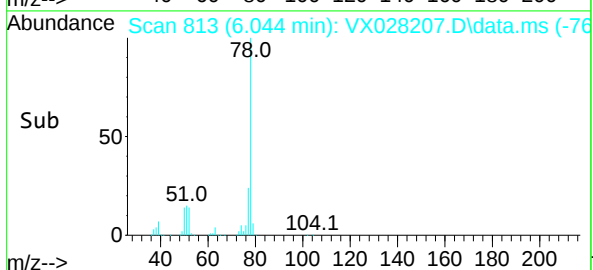
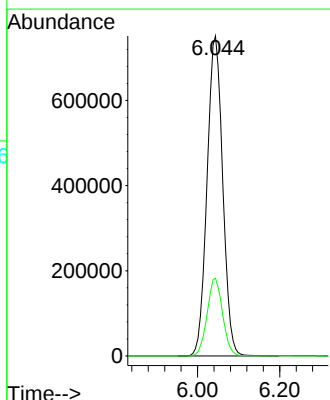
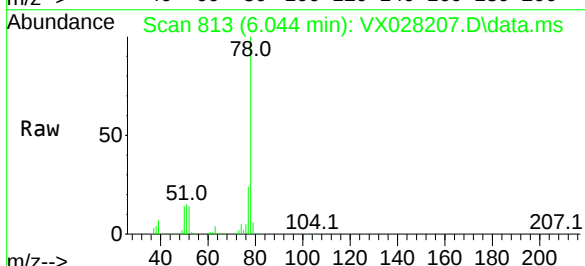
Acq: 20 Apr 2022 18:54

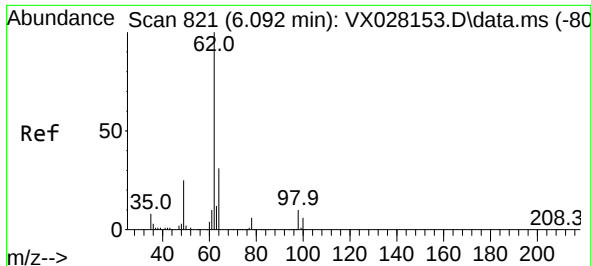
Tgt Ion: 78 Resp: 1981634

Ion Ratio Lower Upper

78 100

77 24.3 19.3 28.9





#42

1,2-Dichloroethane

Concen: 2.673 ug/l

RT: 6.044 min Scan# 81

Delta R.T. -0.048 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

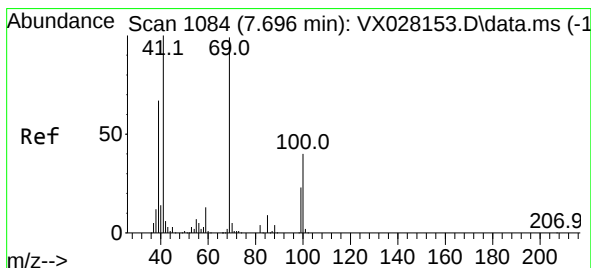
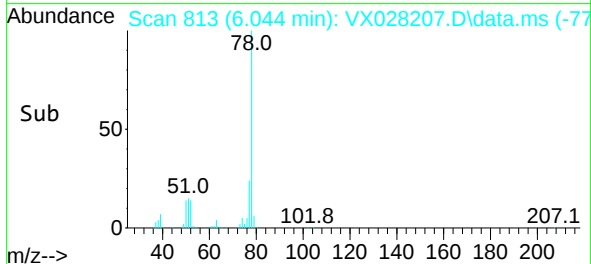
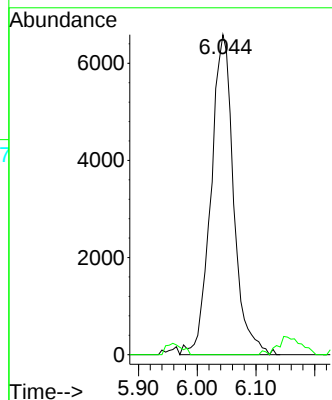
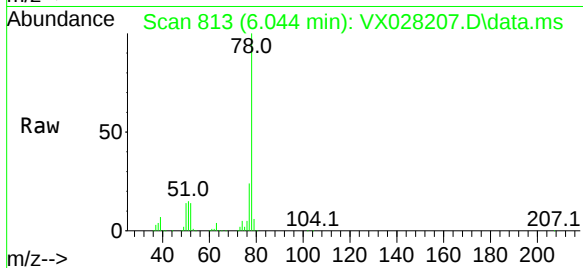
31574

Tgt Ion: 62 Resp: 17680

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.4



#48

Methyl methacrylate

Concen: 0.493 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.037 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

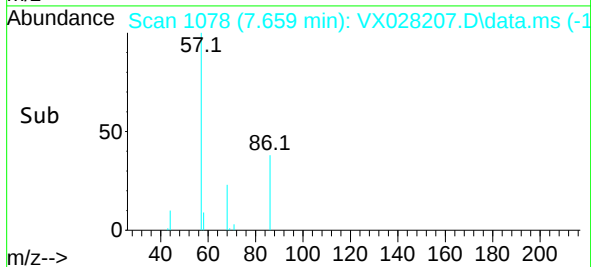
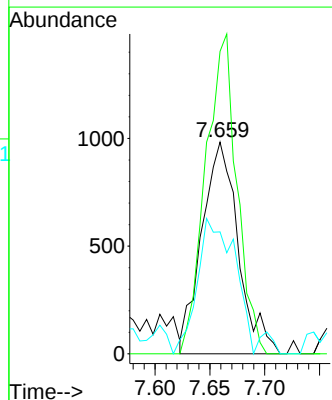
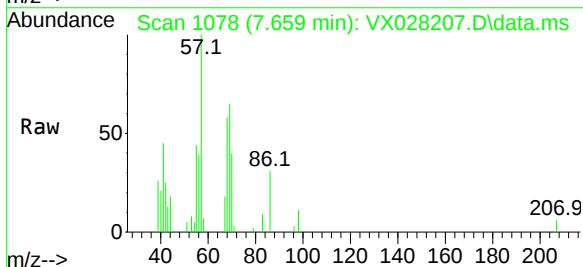
Tgt Ion: 41 Resp: 2273

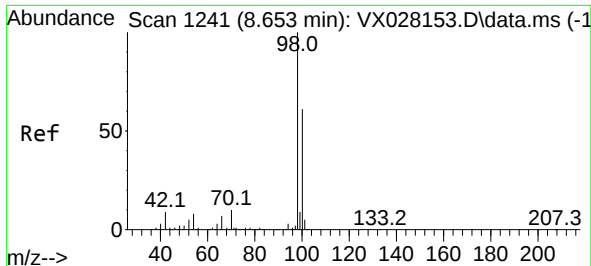
Ion Ratio Lower Upper

41 100

69 129.8 82.5 123.7#

39 65.7 43.8 65.8

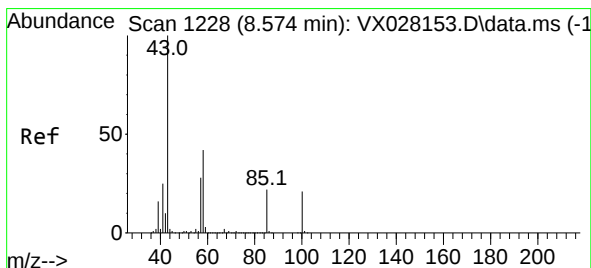
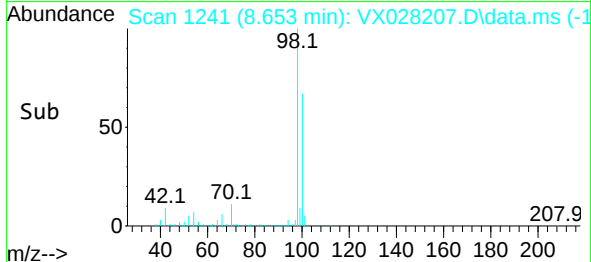
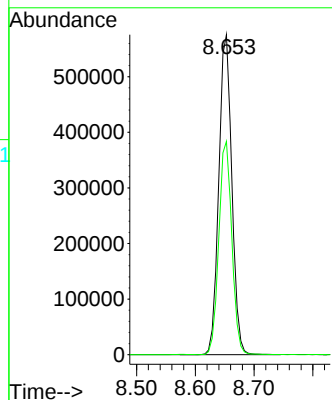
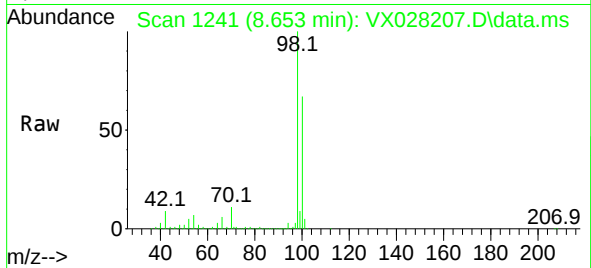




#50
Toluene-d8
Concen: 49.309 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

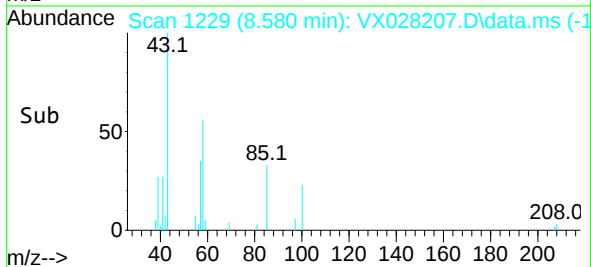
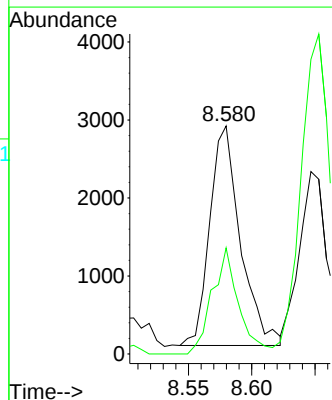
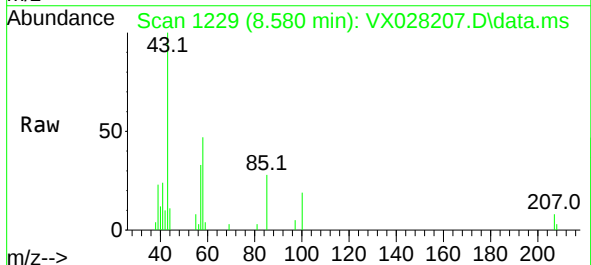
Instrument :
MSVOA_X
ClientSampleId :
31574

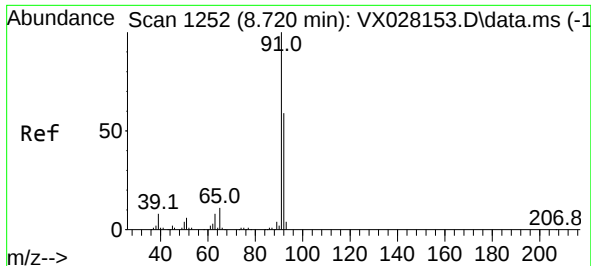
Tgt Ion: 98 Resp: 883678
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.736 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

Tgt Ion: 43 Resp: 4750
Ion Ratio Lower Upper
43 100
58 41.6 36.1 54.1

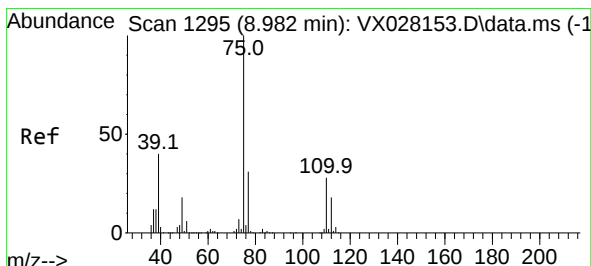
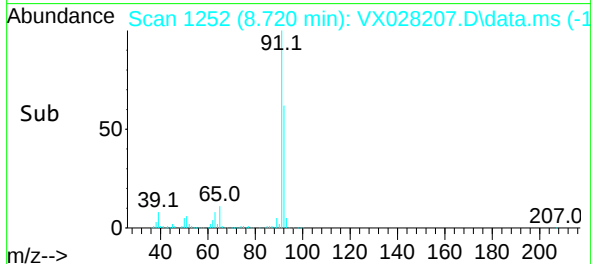
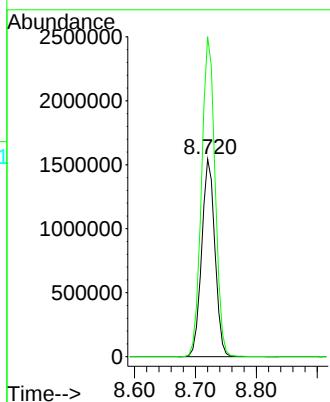
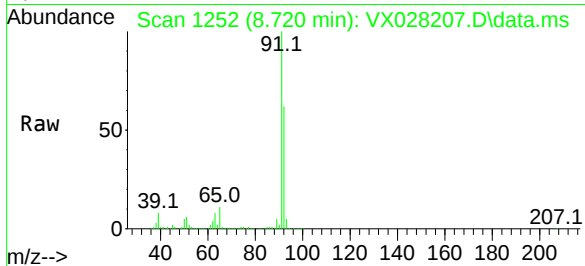




#52
Toluene
Concen: 188.244 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

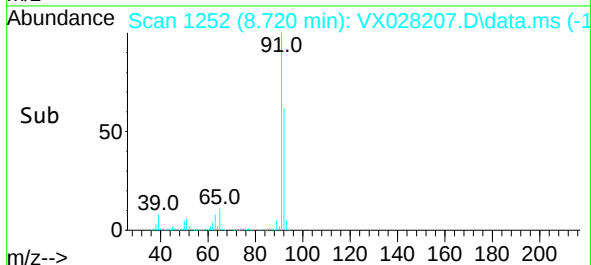
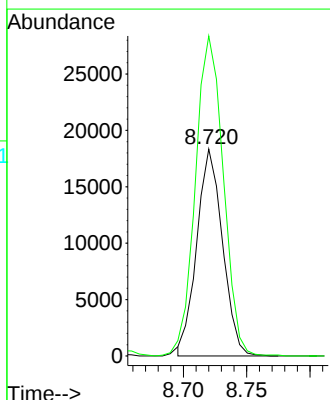
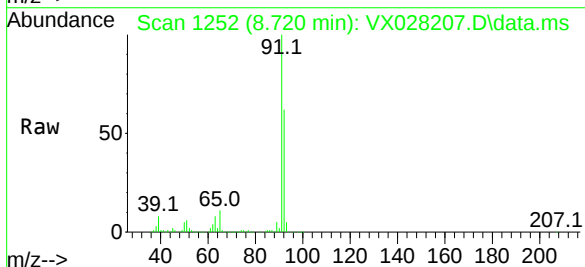
Instrument :
MSVOA_X
ClientSampleId :
31574

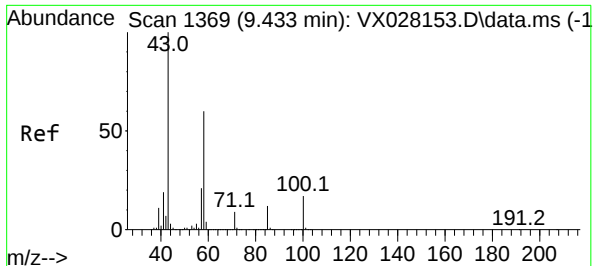
Tgt Ion: 92 Resp: 2330037
Ion Ratio Lower Upper
92 100
91 165.8 137.5 206.3



#53
t-1,3-Dichloropropene
Concen: 3.720 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.262 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

Tgt Ion: 75 Resp: 25993
Ion Ratio Lower Upper
75 100
77 154.2 25.4 38.0#





#59

2-Hexanone

Concen: 0.577 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

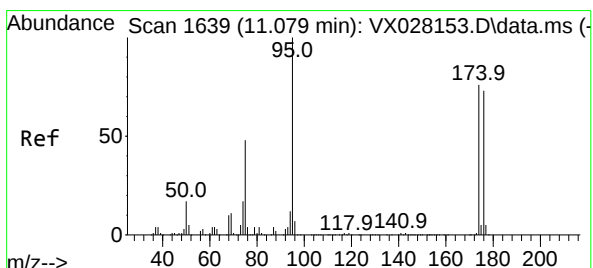
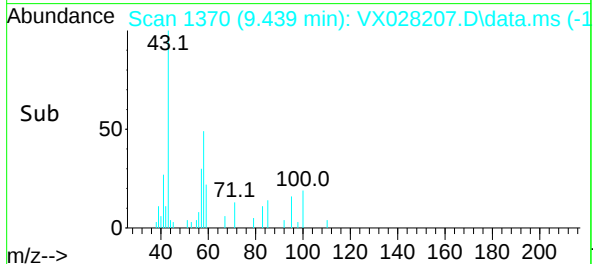
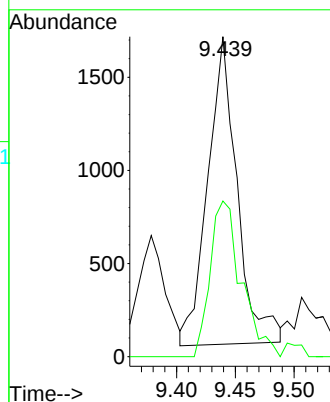
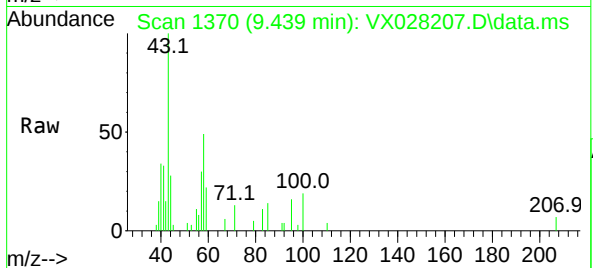
31574

Tgt Ion: 43 Resp: 2882

Ion Ratio Lower Upper

43 100

58 53.4 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 51.264 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

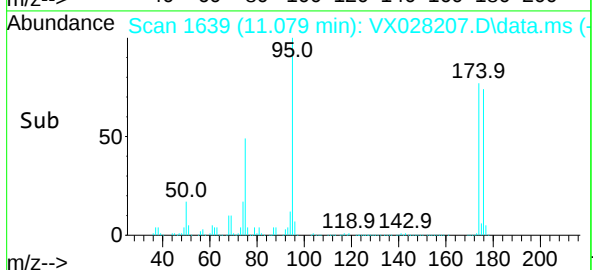
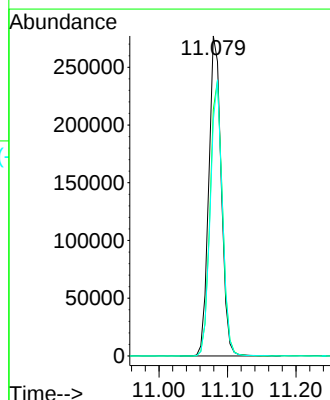
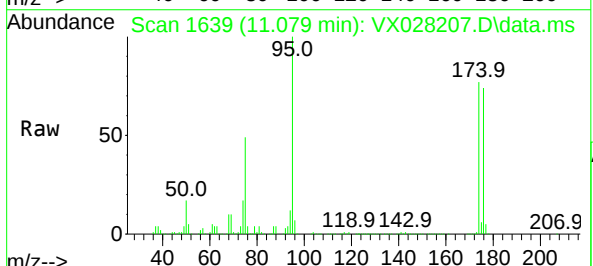
Tgt Ion: 95 Resp: 351281

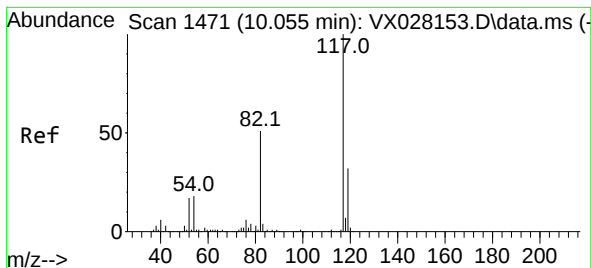
Ion Ratio Lower Upper

95 100

174 85.1 0.0 163.0

176 83.5 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

31574

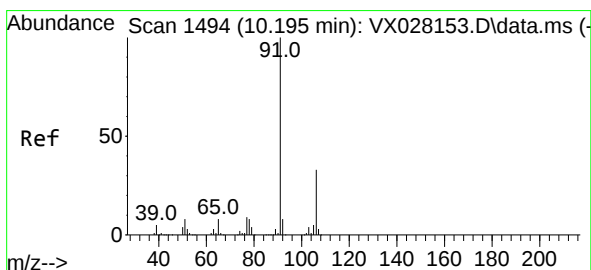
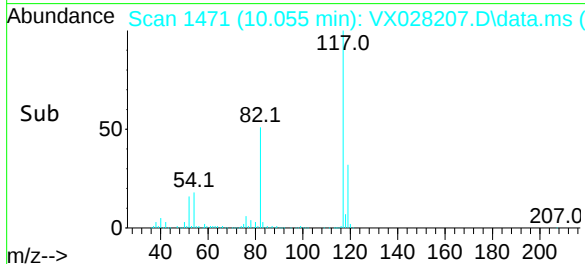
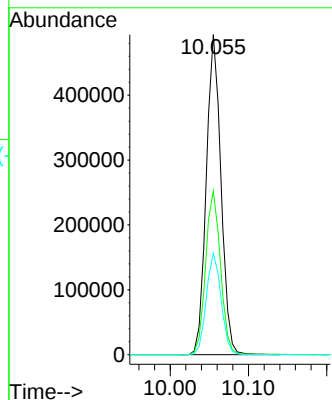
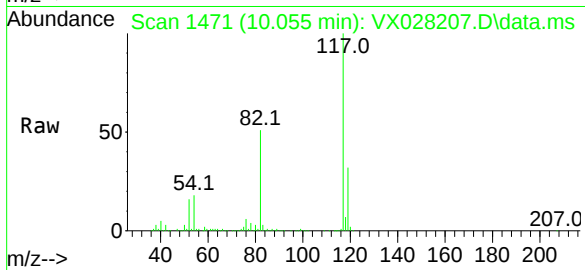
Tgt Ion:117 Resp: 640744

Ion Ratio Lower Upper

117 100

82 51.2 41.8 62.8

119 31.7 24.8 37.2



#67

Ethyl Benzene

Concen: 5.083 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028207.D

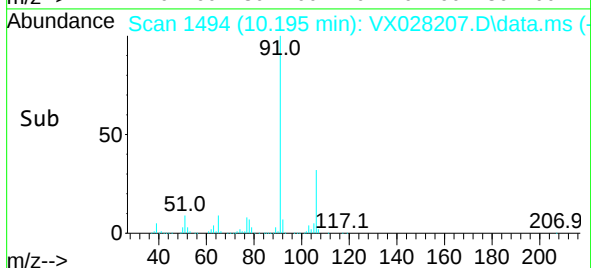
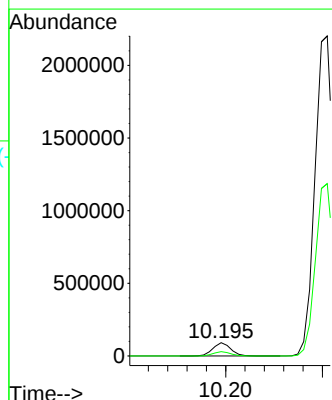
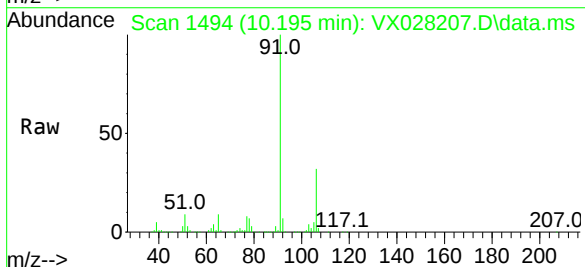
Acq: 20 Apr 2022 18:54

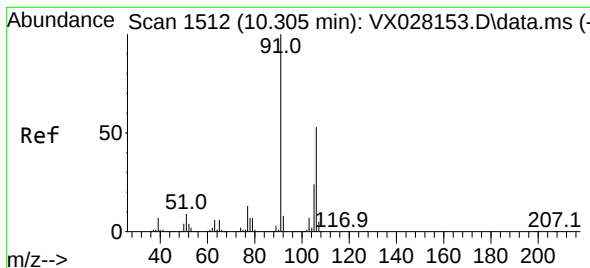
Tgt Ion: 91 Resp: 116442

Ion Ratio Lower Upper

91 100

106 32.3 24.6 36.8

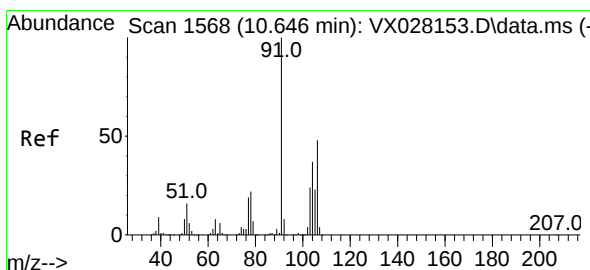
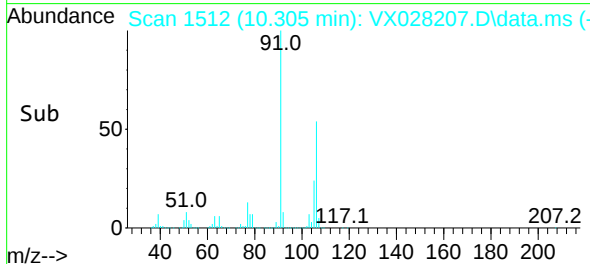
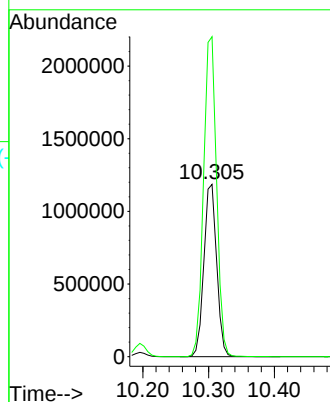
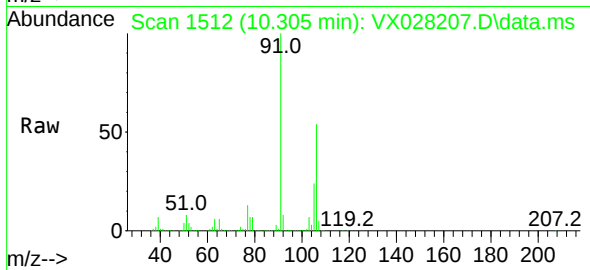




#68
m/p-Xylenes
Concen: 172.097 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

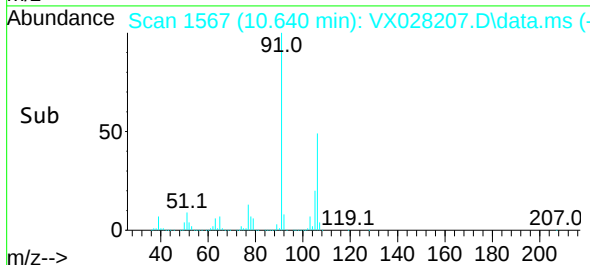
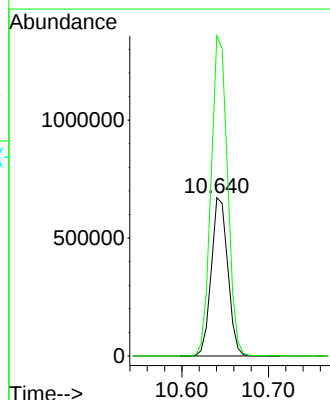
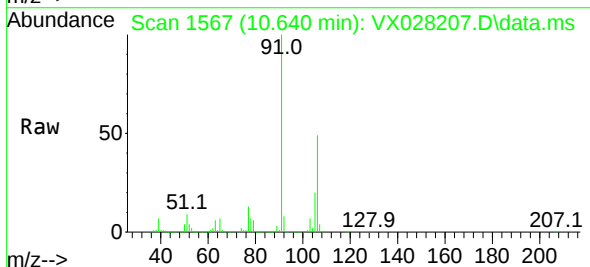
Instrument :
MSVOA_X
ClientSampleId :
31574

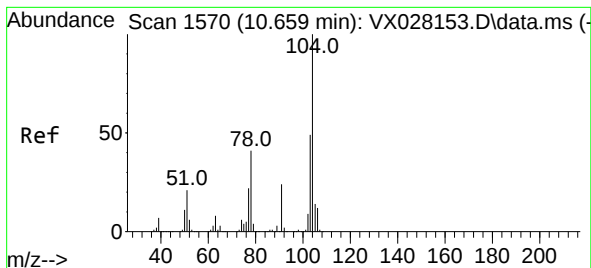
Tgt Ion:106 Resp: 1604484
Ion Ratio Lower Upper
106 100
91 188.6 160.4 240.6



#69
o-Xylene
Concen: 95.319 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

Tgt Ion:106 Resp: 886020
Ion Ratio Lower Upper
106 100
91 203.1 106.1 318.1





#70

Styrene

Concen: 2.961 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.019 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

31574

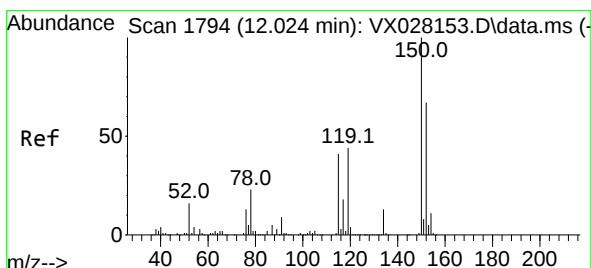
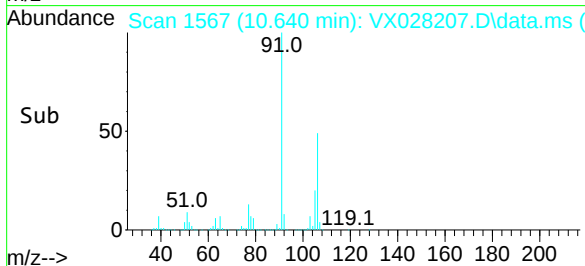
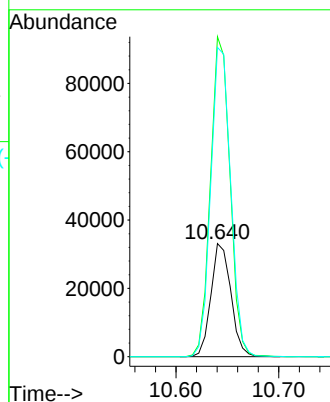
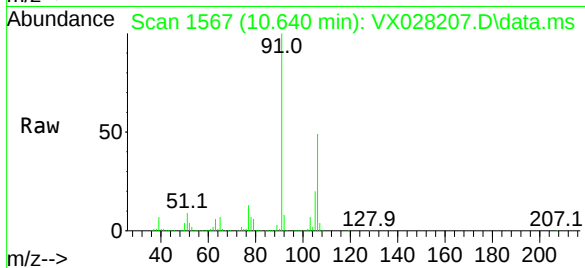
Tgt Ion:104 Resp: 44586

Ion Ratio Lower Upper

104 100

78 276.7 38.6 57.8#

103 273.7 43.8 65.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

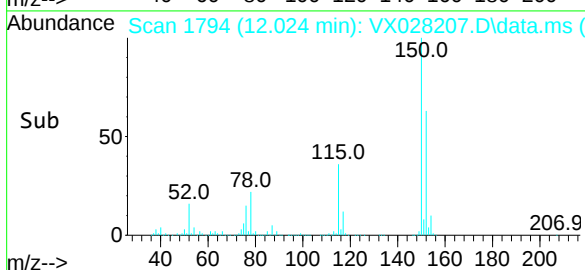
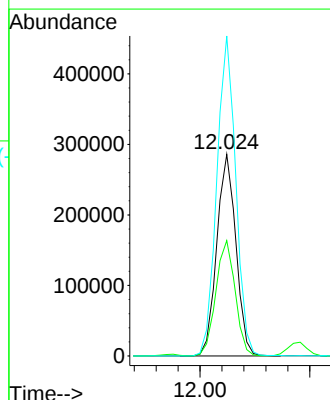
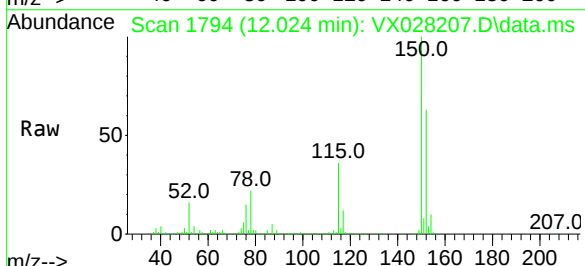
Tgt Ion:152 Resp: 346806

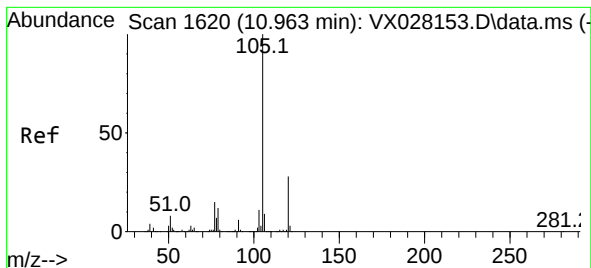
Ion Ratio Lower Upper

152 100

115 57.5 37.5 112.7

150 157.4 0.0 338.2





#73

Isopropylbenzene

Concen: 0.533 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

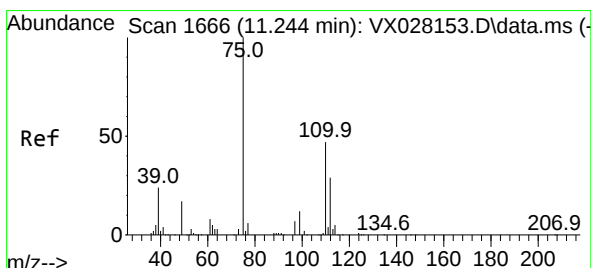
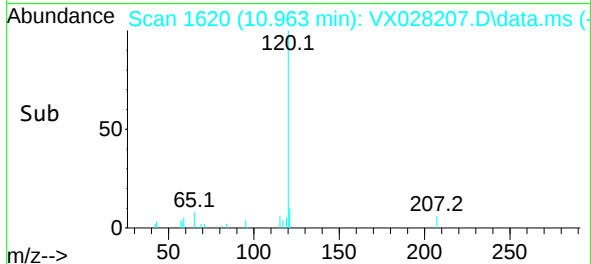
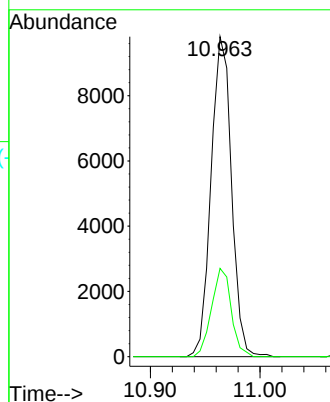
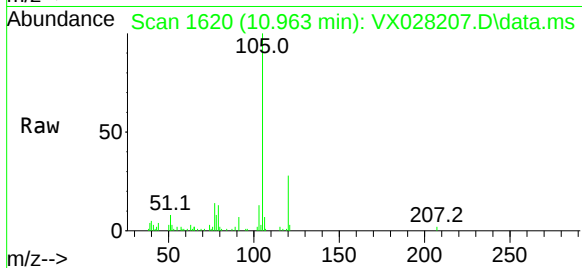
31574

Tgt Ion:105 Resp: 12709

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5



#76

1,2,3-Trichloropropane

Concen: 1.874 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.134 min

Lab File: VX028207.D

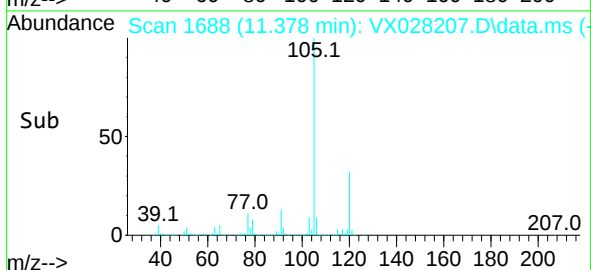
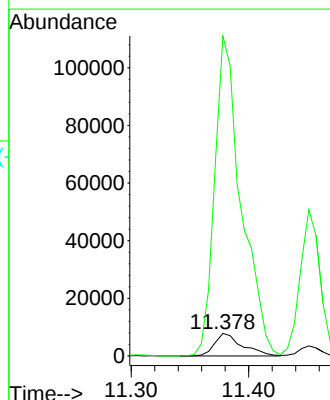
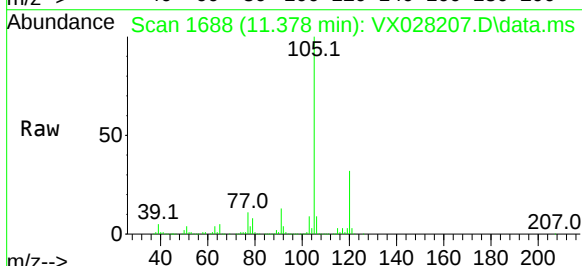
Acq: 20 Apr 2022 18:54

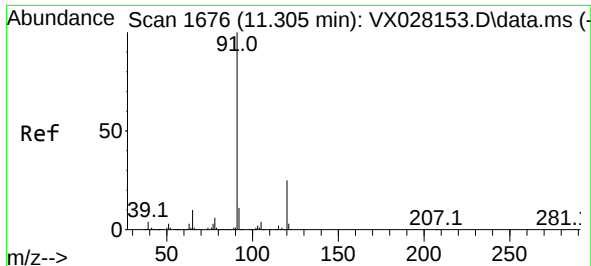
Tgt Ion: 75 Resp: 12792

Ion Ratio Lower Upper

75 100

77 1372.5 19.4 58.2#

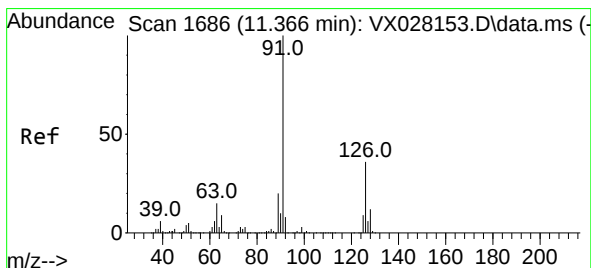
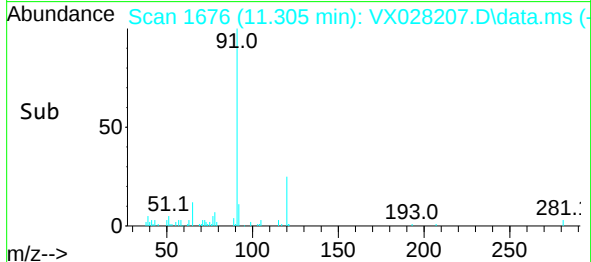
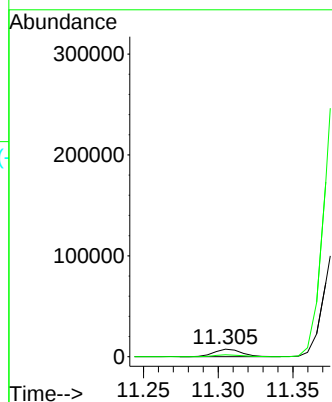
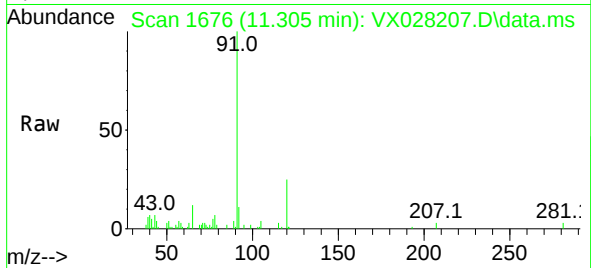




#78
n-propylbenzene
Concen: 0.362 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

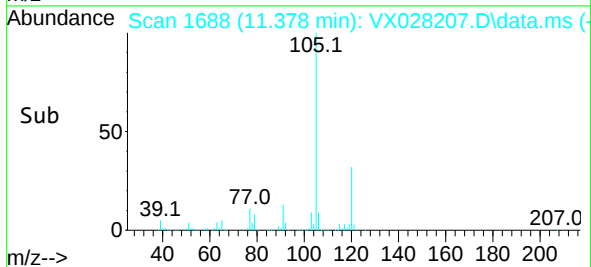
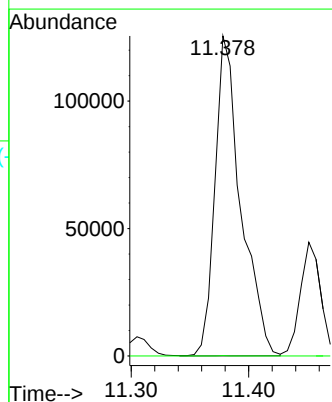
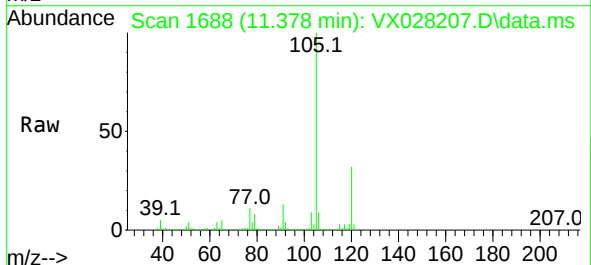
Instrument :
MSVOA_X
ClientSampleId :
31574

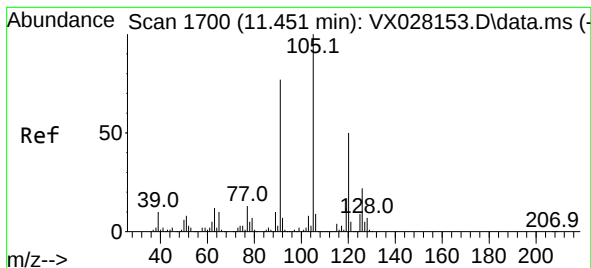
Tgt Ion: 91 Resp: 9570
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8#



#79
2-Chlorotoluene
Concen: 11.688 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

Tgt Ion: 91 Resp: 192079
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 24.701 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

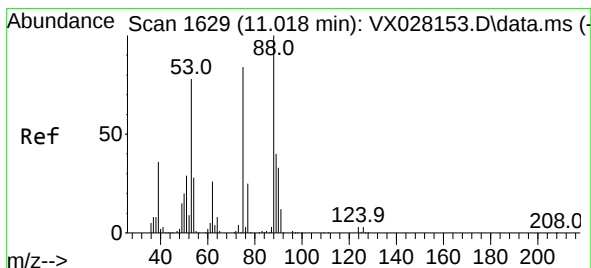
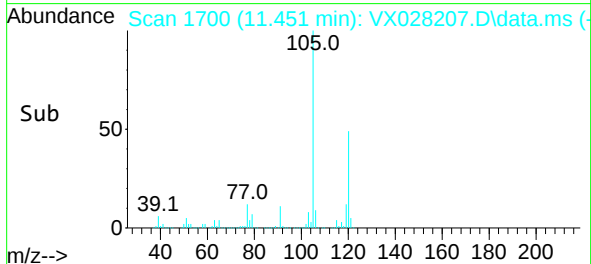
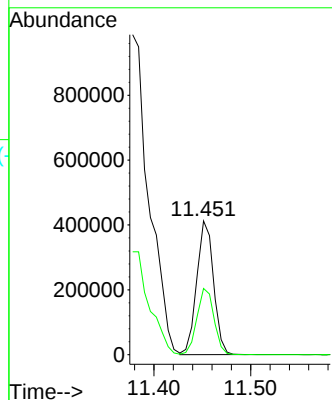
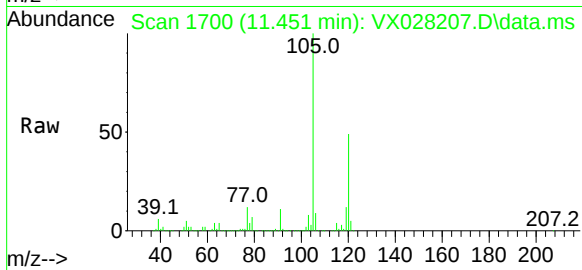
31574

Tgt Ion:105 Resp: 499818

Ion Ratio Lower Upper

105 100

120 50.1 24.3 72.9



#81

trans-1,4-Dichloro-2-butene

Concen: 74.558 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

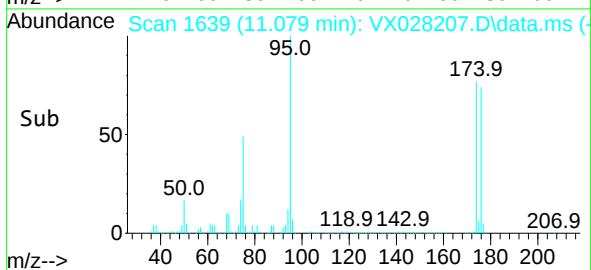
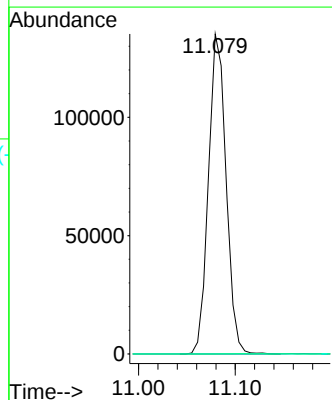
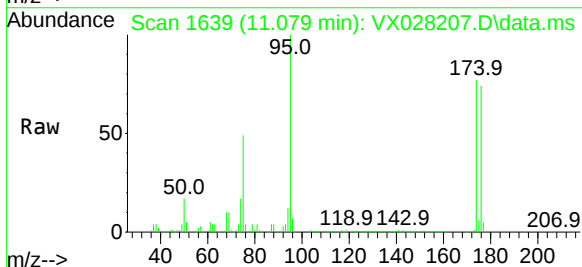
Tgt Ion: 75 Resp: 171241

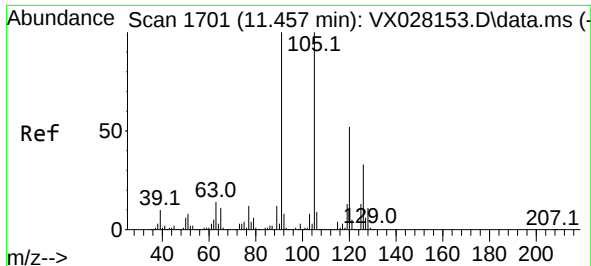
Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#

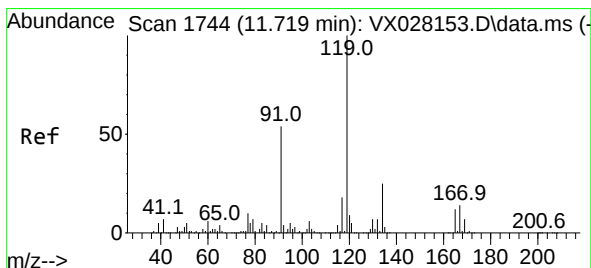
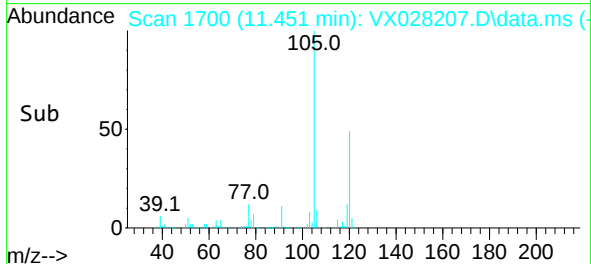
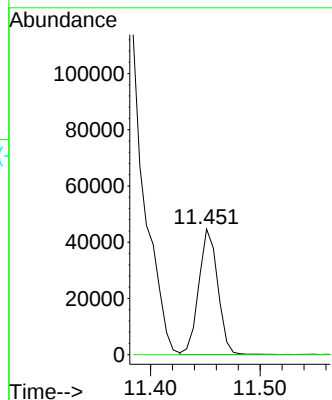
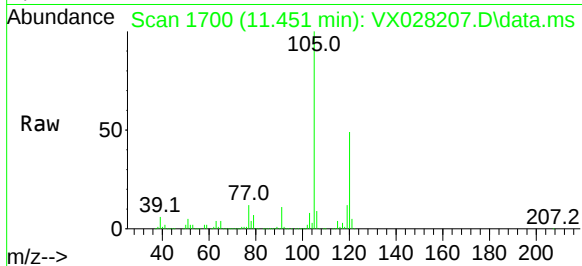




#82
4-Chlorotoluene
Concen: 2.834 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

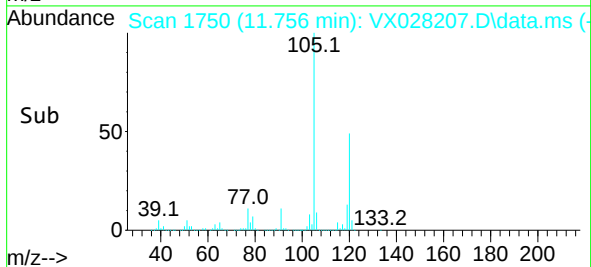
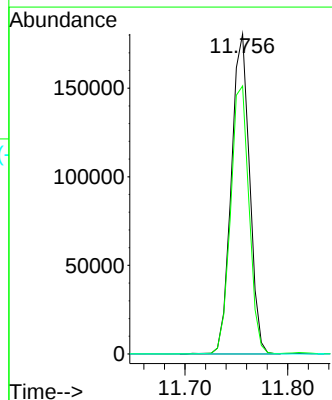
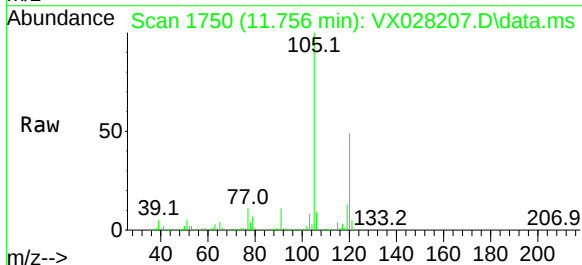
Instrument :
MSVOA_X
ClientSampleId :
31574

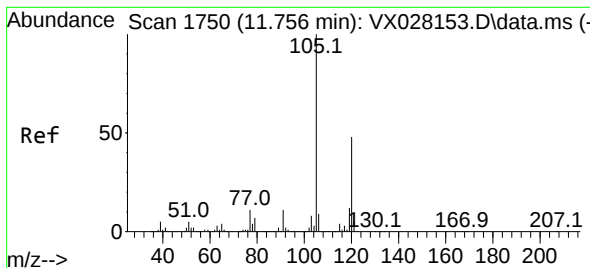
Tgt Ion: 91 Resp: 53648
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#



#83
tert-Butylbenzene
Concen: 10.792 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.037 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

Tgt Ion: 119 Resp: 222976
Ion Ratio Lower Upper
119 100
91 84.6 26.9 80.6#
134 0.0 11.4 34.2#





#84

1,2,4-Trimethylbenzene

Concen: 89.068 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

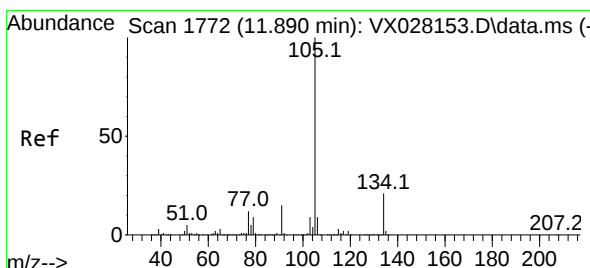
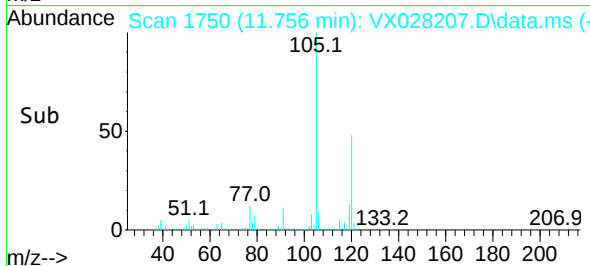
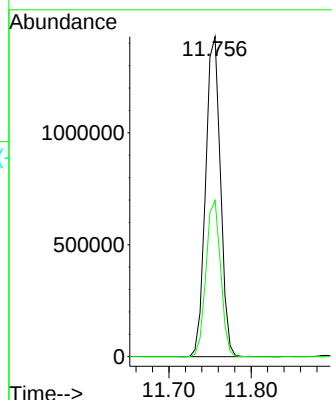
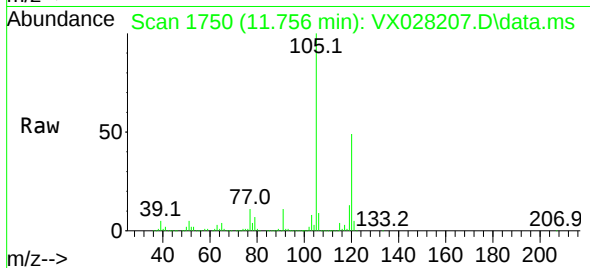
31574

Tgt Ion:105 Resp: 1791495

Ion Ratio Lower Upper

105 100

120 48.3 22.6 67.8



#85

sec-Butylbenzene

Concen: 71.868 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.134 min

Lab File: VX028207.D

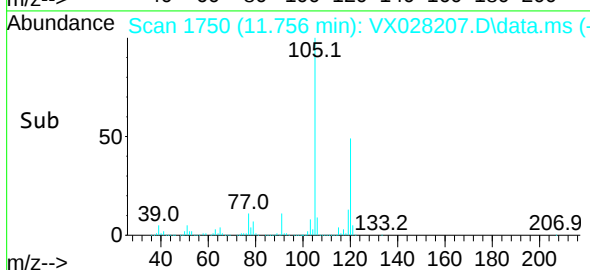
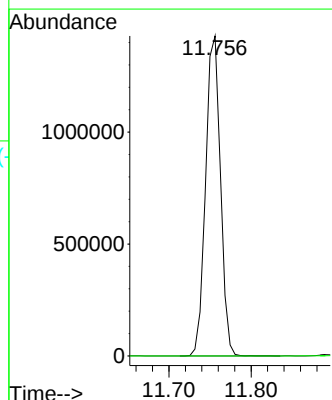
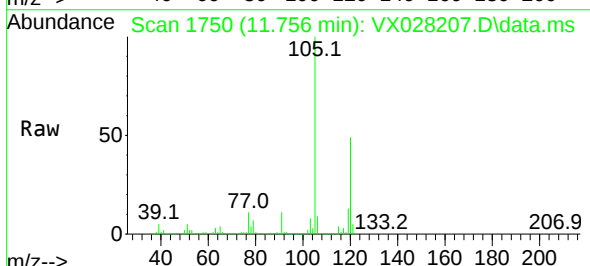
Acq: 20 Apr 2022 18:54

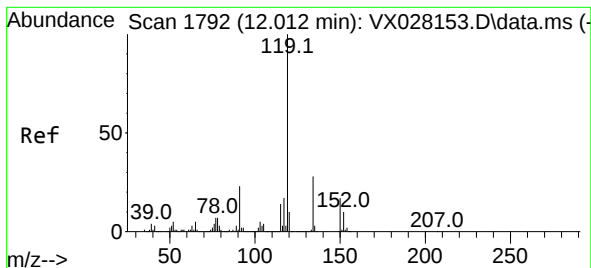
Tgt Ion:105 Resp: 1791495

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 1.827 ug/l

RT: 11.969 min Scan# 11

Delta R.T. -0.043 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

31574

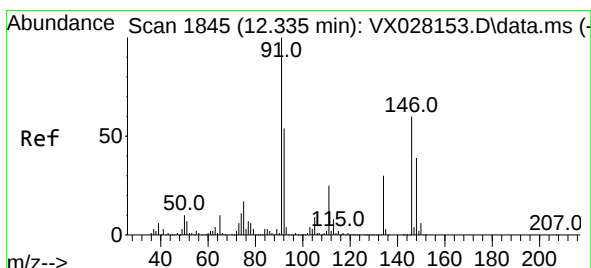
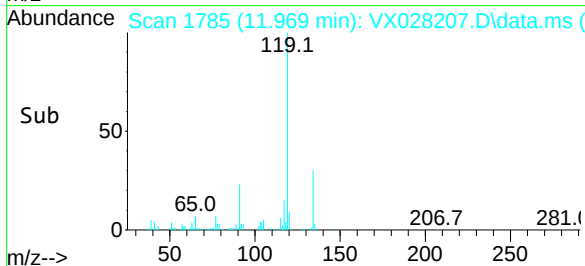
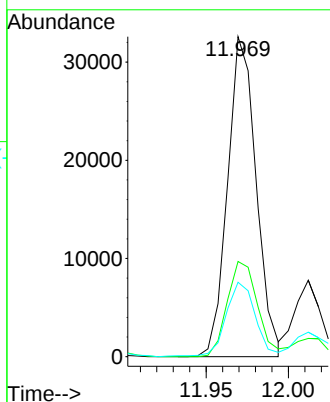
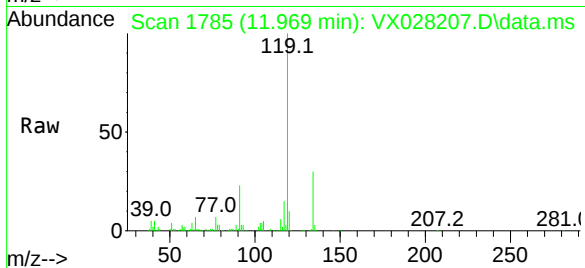
Tgt Ion:119 Resp: 39289

Ion Ratio Lower Upper

119 100

134 31.5 13.0 39.0

91 24.0 11.3 33.9



#89

n-Butylbenzene

Concen: 2.816 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.018 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

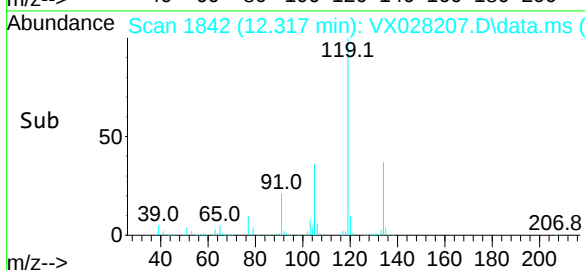
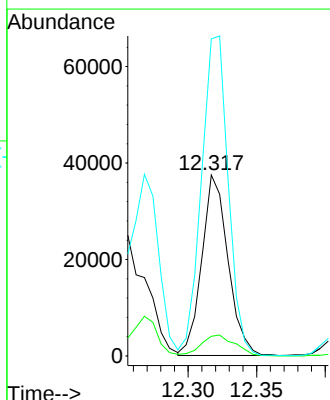
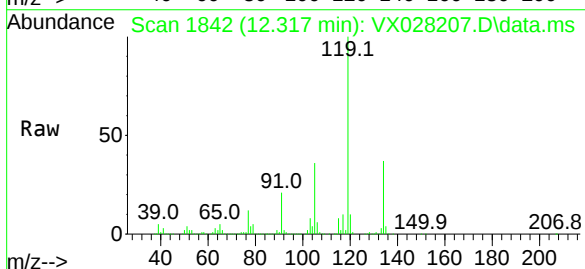
Tgt Ion: 91 Resp: 49724

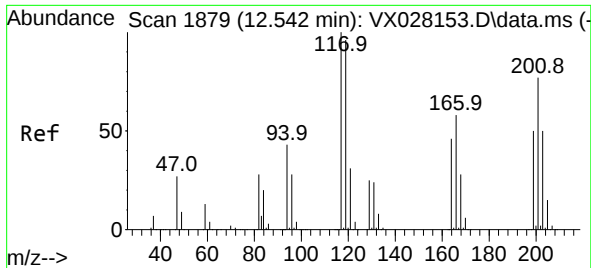
Ion Ratio Lower Upper

91 100

92 15.0 27.8 83.3#

134 180.9 13.3 39.8#

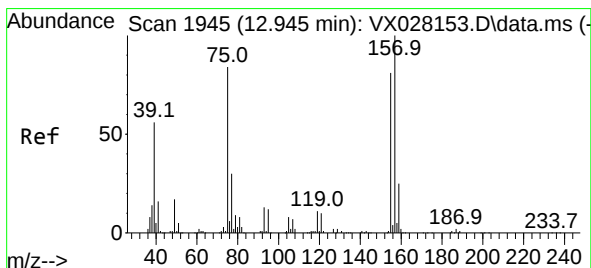
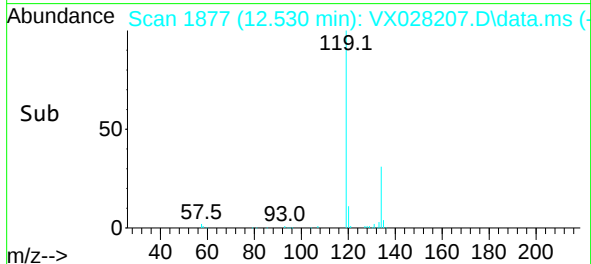
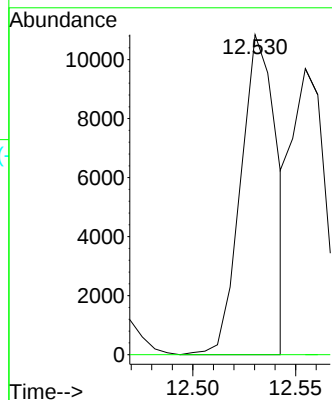
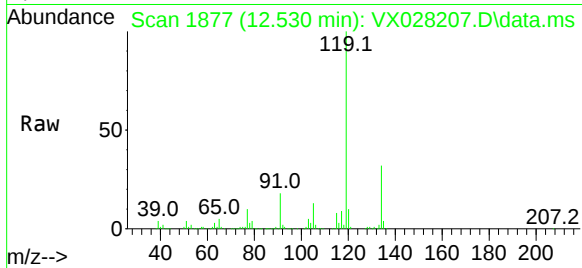




#90
Hexachloroethane
Concen: 5.100 ug/l
RT: 12.530 min Scan# 117
Delta R.T. -0.012 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

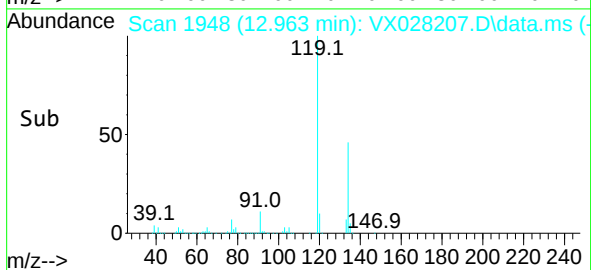
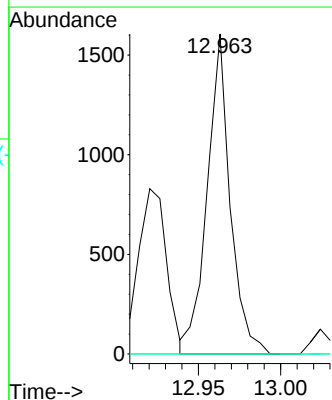
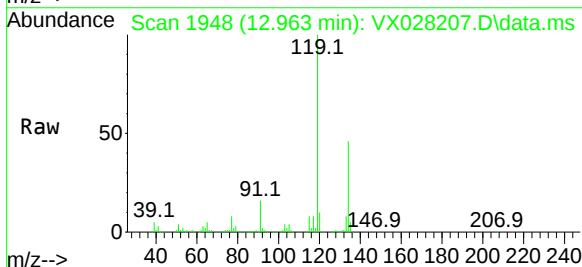
Instrument :
MSVOA_X
ClientSampleId :
31574

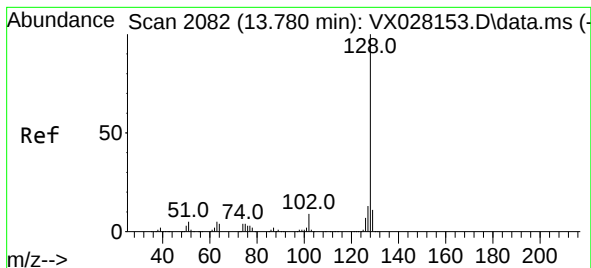
Tgt Ion:117 Resp: 13193
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.908 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

Tgt Ion: 75 Resp: 1562
Ion Ratio Lower Upper
75 100
155 0.0 47.0 141.2#
157 0.0 57.9 173.6#





#95

Naphthalene

Concen: 12.606 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX028207.D

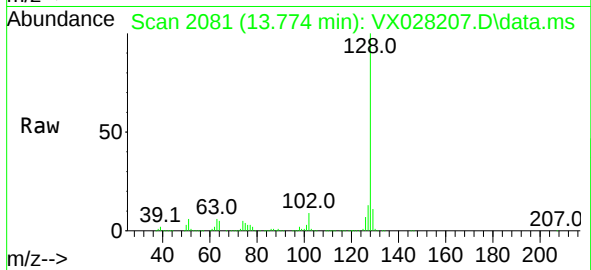
Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

31574



Tgt Ion:128 Resp: 289440

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.1 8.7 13.1

