

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028206.D
 Acq On : 20 Apr 2022 18:31
 Operator : JC/MD
 Sample : N2459-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31573

Quant Time: Apr 21 06:15:31 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	381051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	663515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	647312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	351908	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	272488	54.844	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.680%	
35) Dibromofluoromethane	5.391	113	247570	53.204	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.400%	
50) Toluene-d8	8.653	98	910585	50.951	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	11.079	95	359361	52.588	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 105.180%	

Target Compounds			Qvalue			
3) Chloromethane	1.264	50	6732	0.318	ug/l #	62
5) Bromomethane	1.617	94	773	Below Cal	#	79
6) Chloroethane	1.666	64	243	Below Cal	#	47
8) Diethyl Ether	2.135	74	378	Below Cal	#	7
10) Methyl Iodide	2.453	142	438	5.327	ug/l #	71
11) Tert butyl alcohol	2.952	59	8841	Below Cal	#	72
13) Acrolein	2.215	56	22449	36.867	ug/l #	1
14) Allyl chloride	2.757	41	21485	4.372	ug/l #	1
15) Acrylonitrile	3.099	53	2589	1.279	ug/l #	42
16) Acetone	2.373	43	50542	32.089	ug/l	93
18) Methyl Acetate	2.782	43	34494	7.808	ug/l #	46
19) Methyl tert-butyl Ether	3.117	73	9336	0.765	ug/l #	1
20) Methylene Chloride	2.794	84	1098	0.298	ug/l #	56
22) Diisopropyl ether	3.757	45	11333	1.013	ug/l #	83
23) Vinyl Acetate	3.763	43	6677	0.683	ug/l #	66
25) 2-Butanone	4.562	43	26874	9.133	ug/l	97
26) 2,2-Dichloropropane	4.300	77	1500	0.232	ug/l #	52
29) Tetrahydrofuran	5.019	42	3474	1.811	ug/l	99
31) Cyclohexane	5.476	56	67127	11.089	ug/l	99
36) 1,1-Dichloropropene	5.556	75	27980	4.610	ug/l #	50
37) Ethyl Acetate	4.562	43	26951	4.376	ug/l #	65
38) Carbon Tetrachloride	5.562	117	38199	5.575	ug/l #	14
39) Methylcyclohexane	7.385	83	24381	3.184	ug/l	96
40) Benzene	6.043	78	1887571	106.239	ug/l	99
42) 1,2-Dichloroethane	6.043	62	16434	2.492	ug/l #	73
48) Methyl methacrylate	7.653	41	2301	0.500	ug/l #	80
51) 4-Methyl-2-Pentanone	8.579	43	4749	0.738	ug/l	97
52) Toluene	8.720	92	2318781	187.853	ug/l	95
53) t-1,3-Dichloropropene	8.720	75	26251	3.767	ug/l #	1
55) 1,1,2-Trichloroethane	9.104	97	1456	0.290	ug/l #	20
59) 2-Hexanone	9.445	43	2548	0.511	ug/l	92
67) Ethyl Benzene	10.195	91	186311	8.051	ug/l	99
68) m/p-Xylenes	10.305	106	1552880	164.872	ug/l	93
69) o-Xylene	10.640	106	863717	91.977	ug/l	94
70) Styrene	10.640	104	43686	2.872	ug/l #	1
73) Isopropylbenzene	10.963	105	17546	0.725	ug/l	96

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

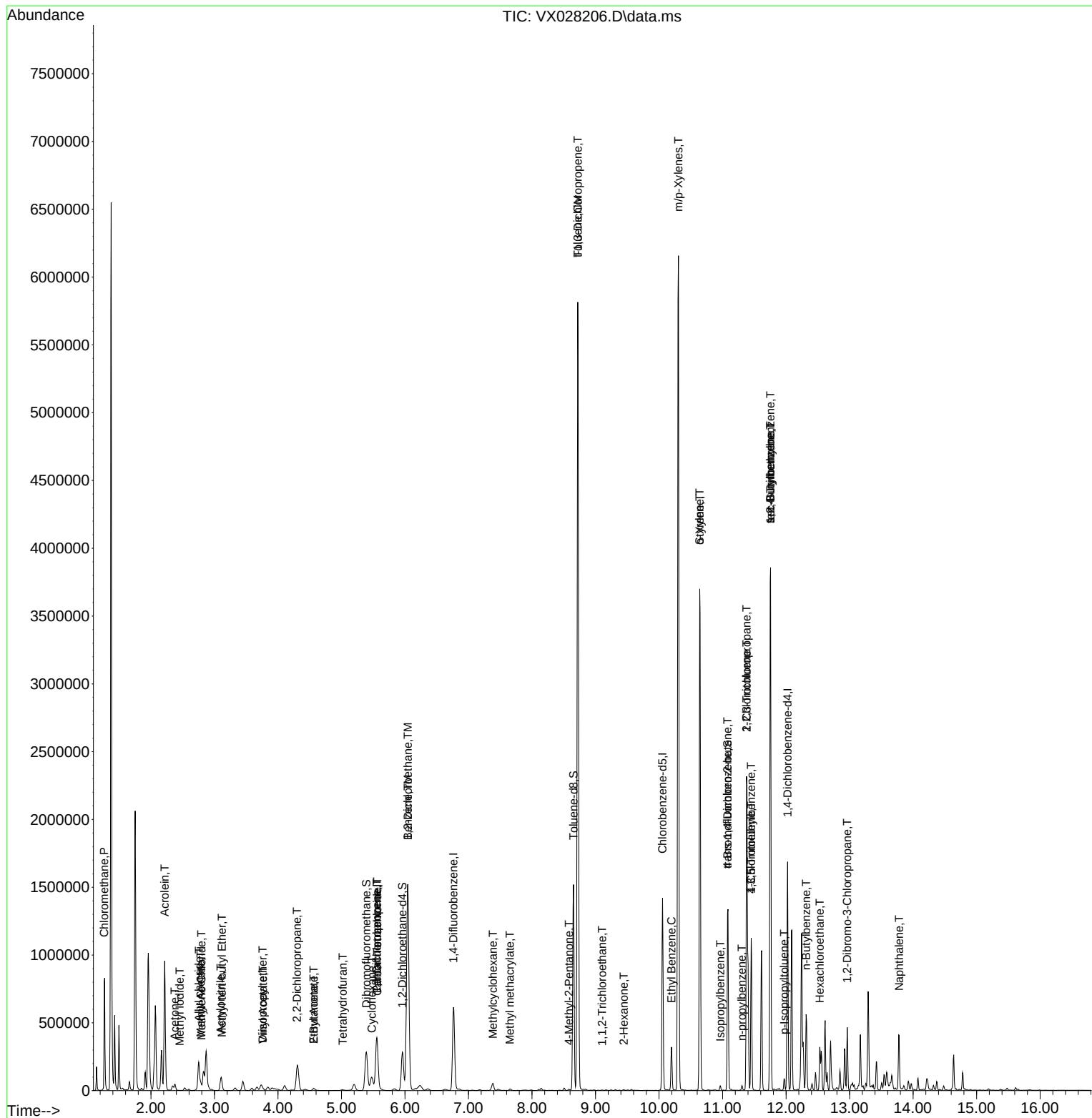
76) 1,2,3-Trichloropropane	11.378	75	12629	1.823	ug/l #	1	
78) n-propylbenzene	11.305	91	21177	0.790	ug/l #	52	
79) 2-Chlorotoluene	11.378	91	191756	11.500	ug/l #	40	
80) 1,3,5-Trimethylbenzene	11.451	105	483521	23.550	ug/l	97	
81) trans-1,4-Dichloro-2-b...	11.079	75	176573	75.764	ug/l #	15	
82) 4-Chlorotoluene	11.451	91	50835	2.647	ug/l #	45	
83) tert-Butylbenzene	11.756	119	217558	10.377	ug/l #	56	
84) 1,2,4-Trimethylbenzene	11.756	105	1728551	84.692	ug/l	95	
85) sec-Butylbenzene	11.756	105	1728551	68.338	ug/l #	56	
86) p-Isopropyltoluene	11.969	119	37636	1.725	ug/l	95	
89) n-Butylbenzene	12.317	91	49929	2.787	ug/l #	1	
90) Hexachloroethane	12.530	117	13451	5.115	ug/l #	10	
92) 1,2-Dibromo-3-Chloropr...	12.963	75	1419	0.813	ug/l #	1	
95) Naphthalene	13.780	128	268970	11.545	ug/l	99	

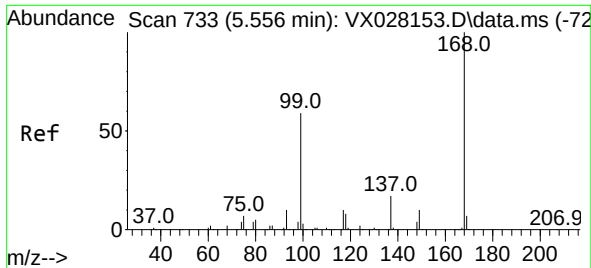
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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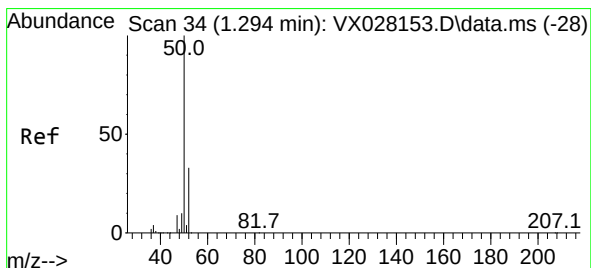
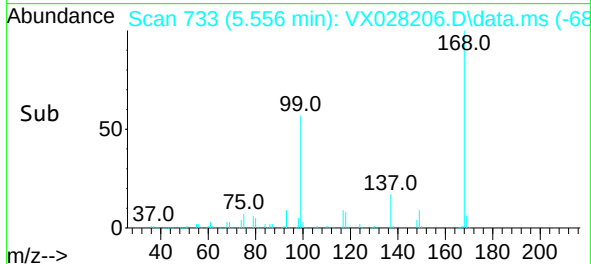
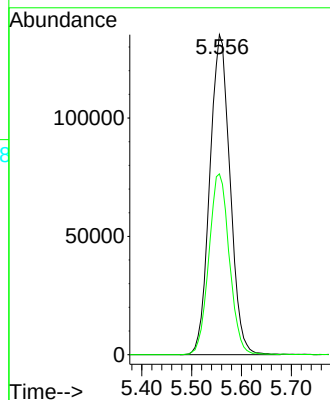
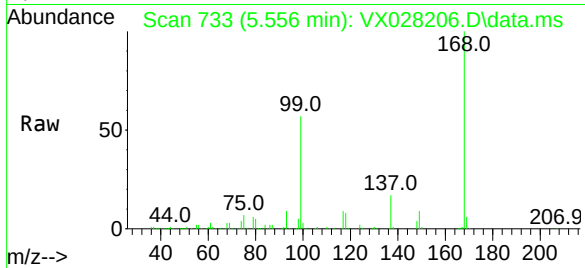




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028206.D
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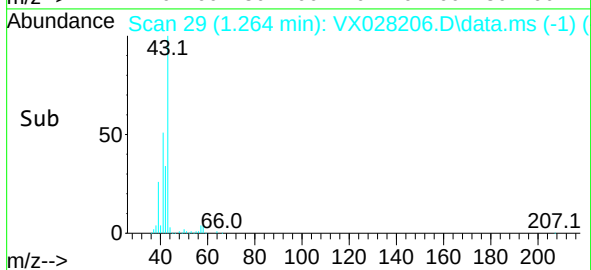
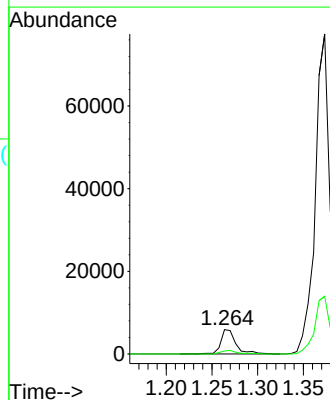
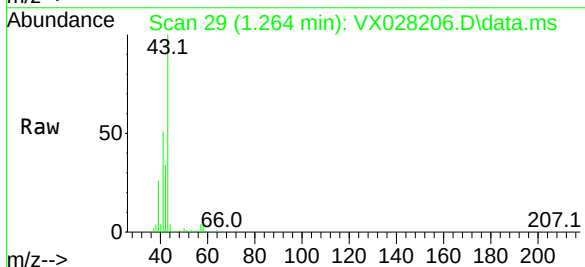
Instrument :
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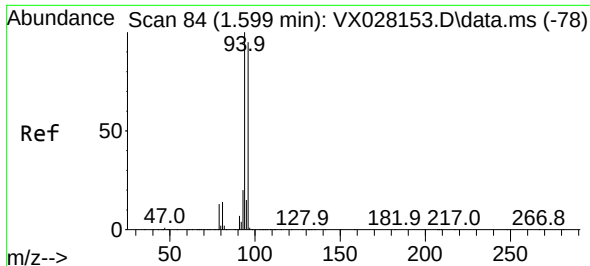
Tgt Ion:168 Resp: 381051
Ion Ratio Lower Upper
168 100
99 56.5 41.7 62.5



#3
Chloromethane
Concen: 0.318 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.030 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

Tgt Ion: 50 Resp: 6732
Ion Ratio Lower Upper
50 100
52 11.6 26.4 39.6#

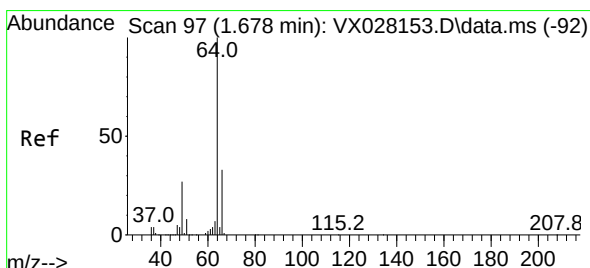
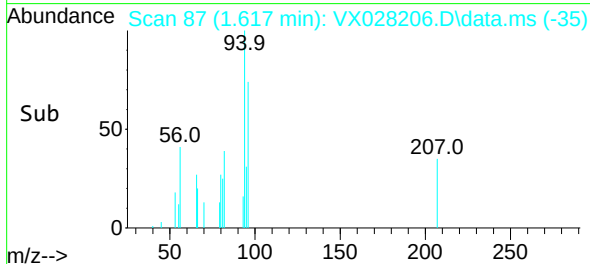
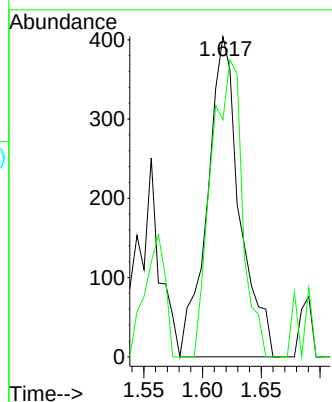
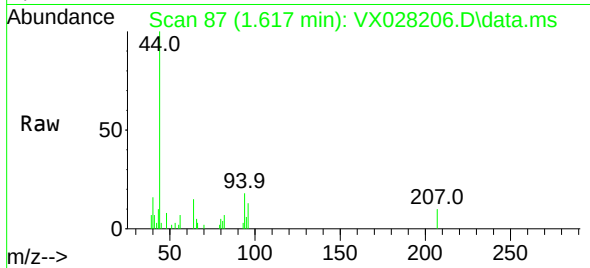




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

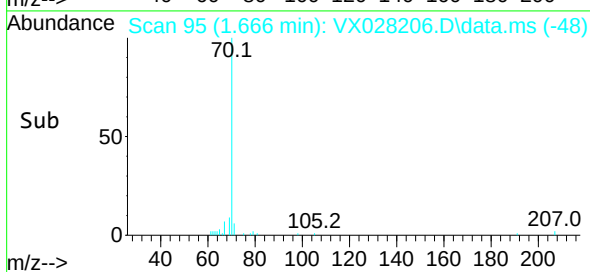
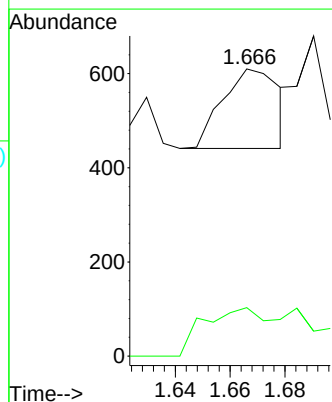
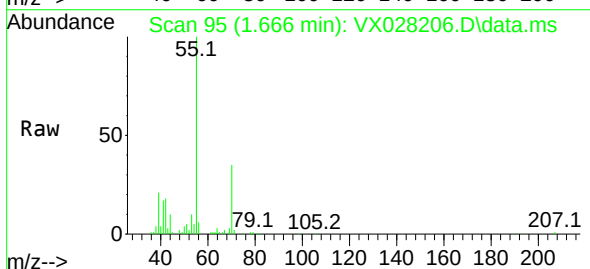
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ClientSampleId :
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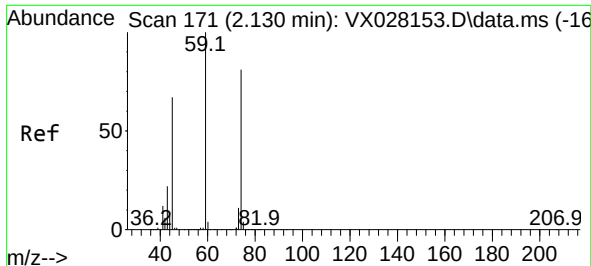
Tgt Ion: 94 Resp: 773
Ion Ratio Lower Upper
94 100
96 74.0 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

Tgt Ion: 64 Resp: 243
Ion Ratio Lower Upper
64 100
66 60.9 25.3 37.9#

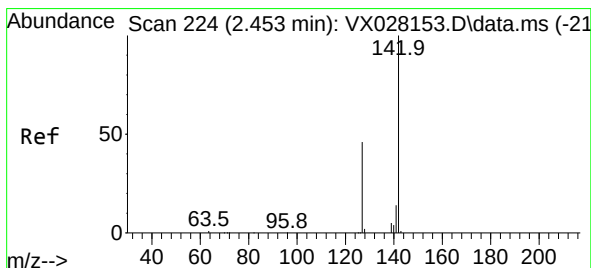
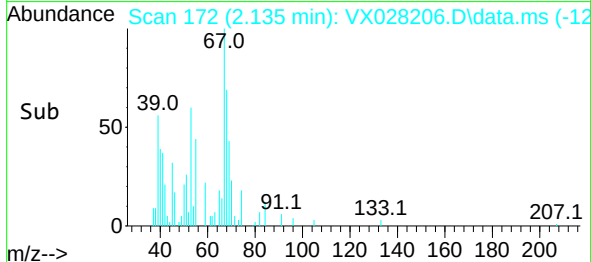
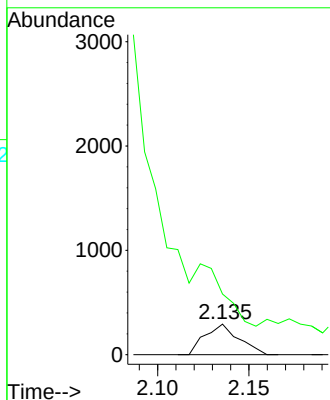
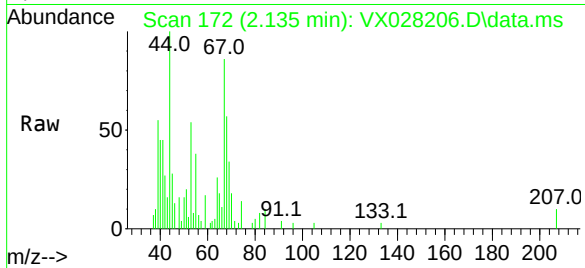




#8
Diethyl Ether
Concen: Below Cal
RT: 2.135 min Scan# 11
Delta R.T. 0.005 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

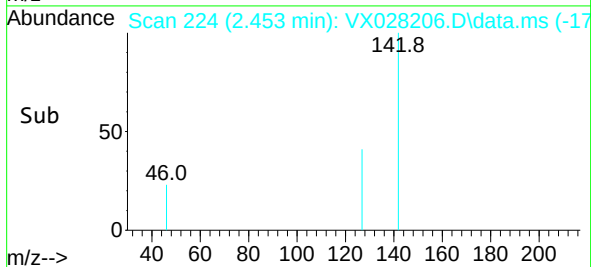
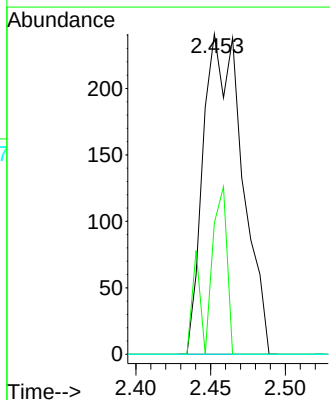
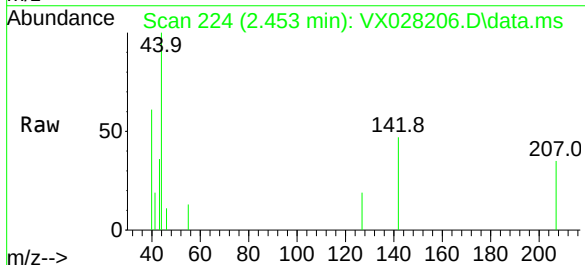
Instrument :
MSVOA_X
ClientSampleId :
31573

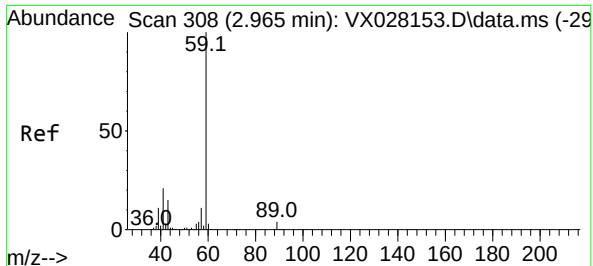
Tgt Ion: 74 Resp: 378
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.327 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

Tgt Ion:142 Resp: 438
Ion Ratio Lower Upper
142 100
127 25.3 33.9 50.9#
141 0.0 11.4 17.2#

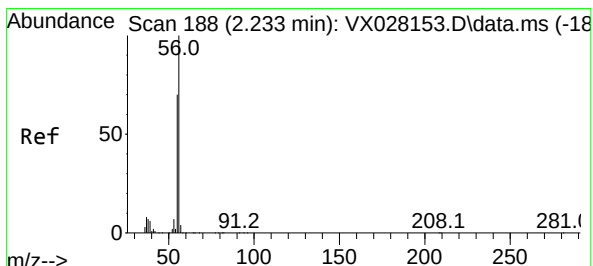
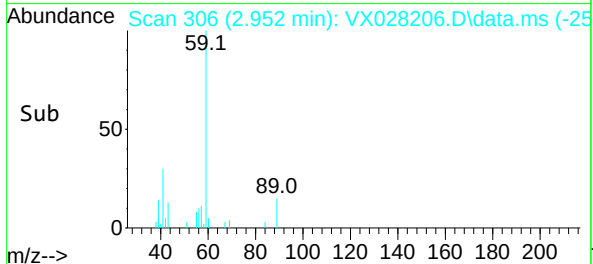
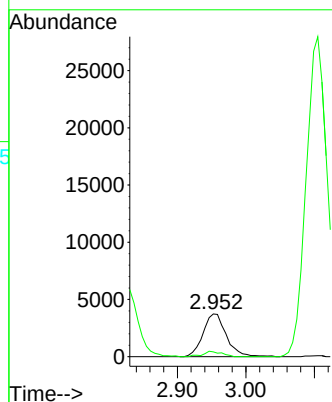
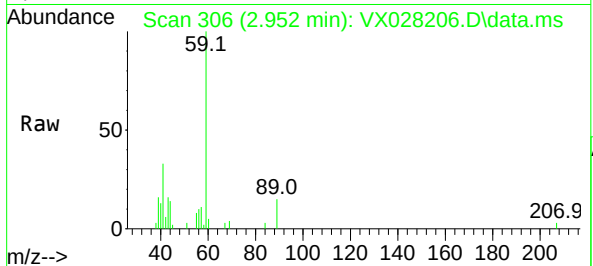




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.952 min Scan# 30
Delta R.T. -0.013 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

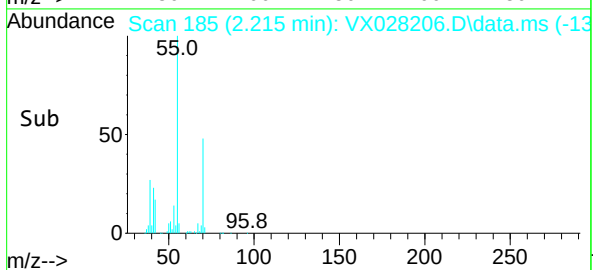
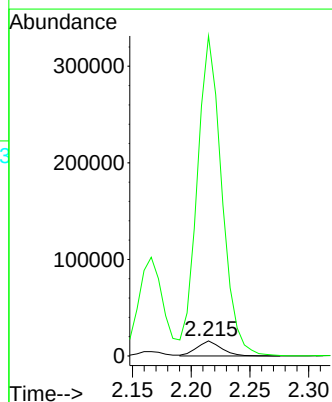
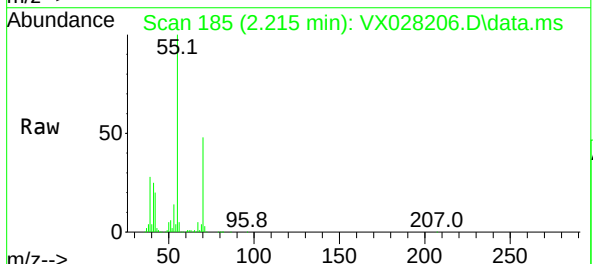
Instrument :
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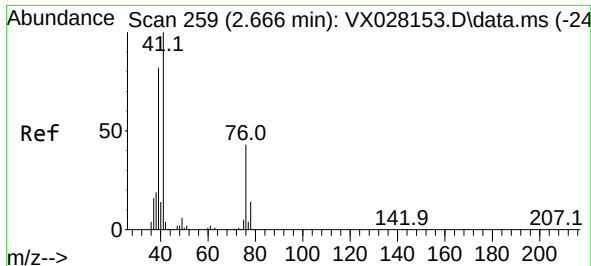
Tgt Ion: 59 Resp: 8841
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 36.867 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

Tgt Ion: 56 Resp: 22449
Ion Ratio Lower Upper
56 100
55 2142.4 55.0 82.6#

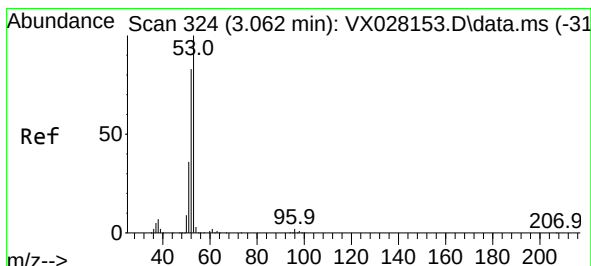
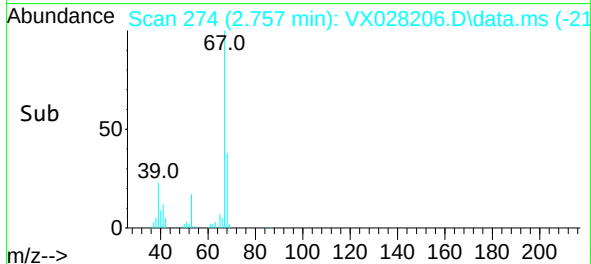
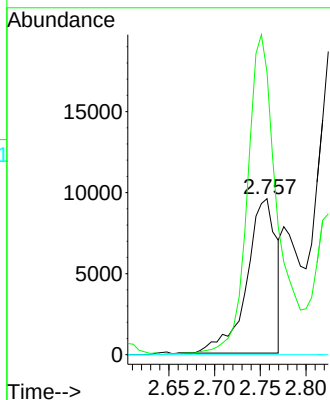
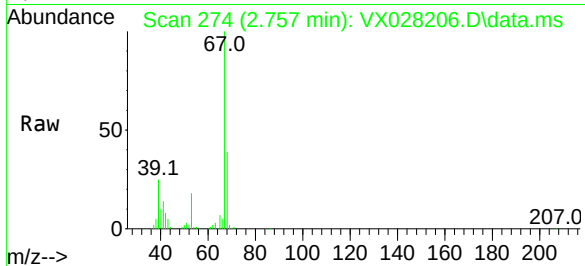




#14
 Allyl chloride
 Concen: 4.372 ug/l
 RT: 2.757 min Scan# 21
 Delta R.T. 0.091 min
 Lab File: VX028206.D
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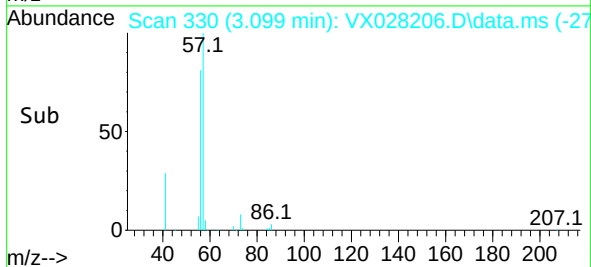
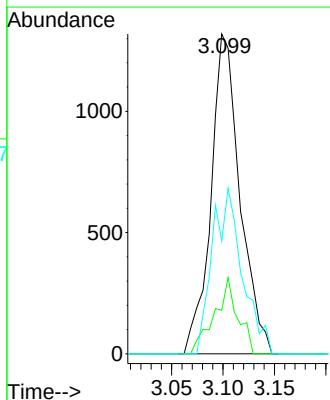
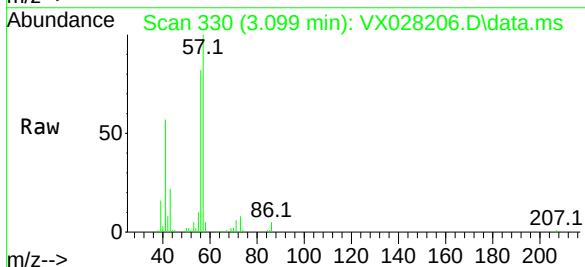
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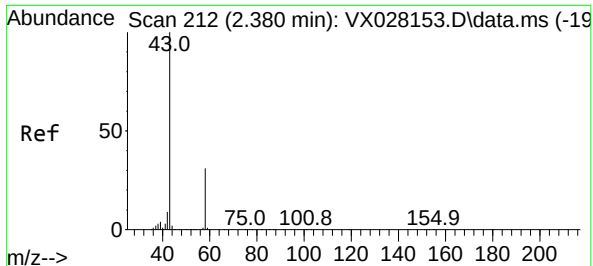
Tgt Ion: 41 Resp: 21485
 Ion Ratio Lower Upper
 41 100
 39 208.1 50.4 75.6#
 76 0.0 32.7 49.1#



#15
 Acrylonitrile
 Concen: 1.279 ug/l
 RT: 3.099 min Scan# 330
 Delta R.T. 0.037 min
 Lab File: VX028206.D
 Acq: 20 Apr 2022 18:31

Tgt Ion: 53 Resp: 2589
 Ion Ratio Lower Upper
 53 100
 52 19.2 65.7 98.5#
 51 53.4 28.4 42.6#

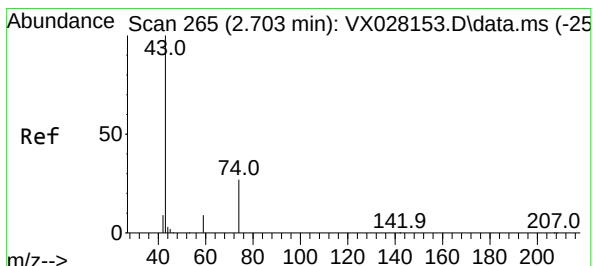
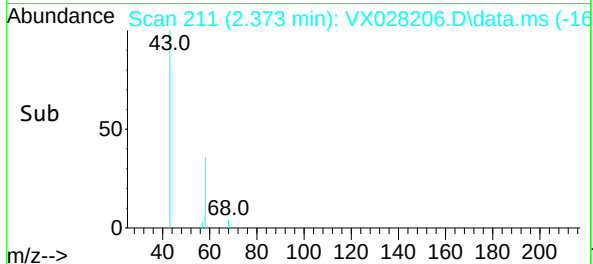
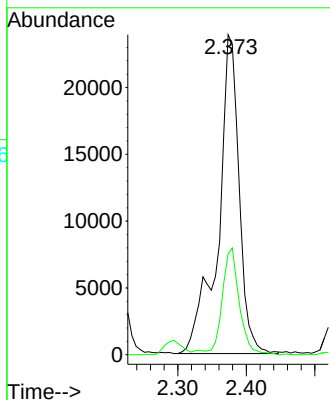
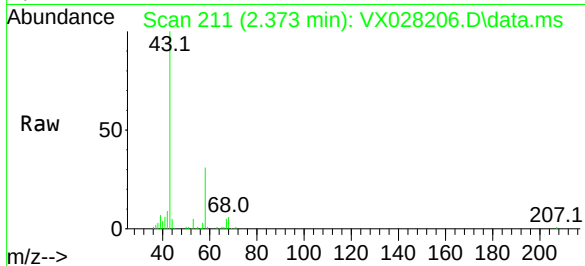




#16
Acetone
Concen: 32.089 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

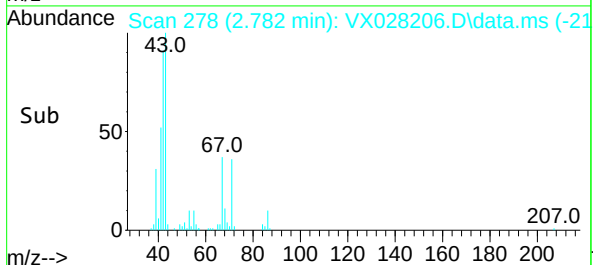
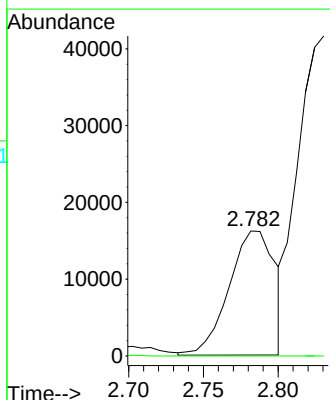
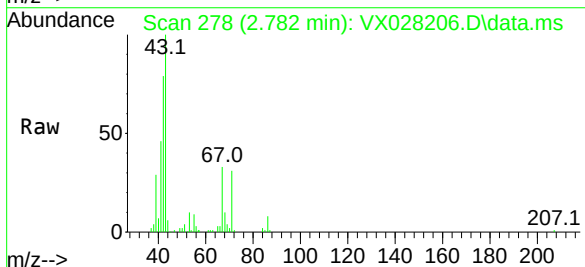
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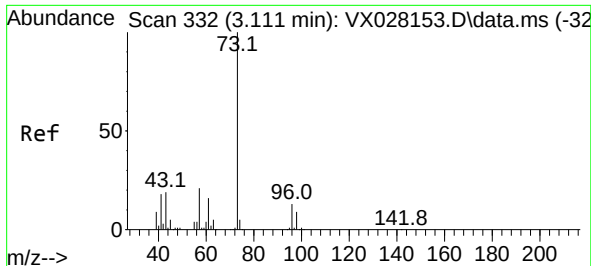
Tgt Ion: 43 Resp: 50542
Ion Ratio Lower Upper
43 100
58 31.6 28.8 43.2



#18
Methyl Acetate
Concen: 7.808 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.079 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

Tgt Ion: 43 Resp: 34494
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

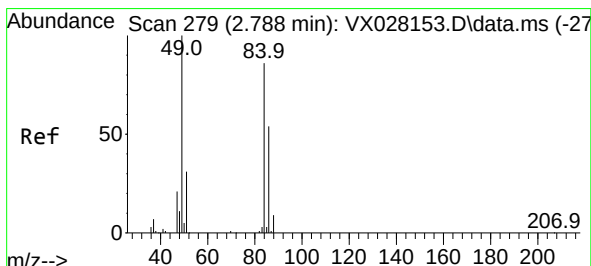
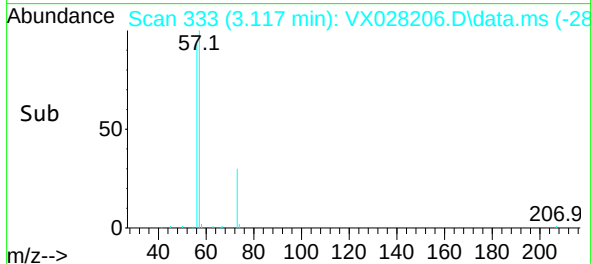
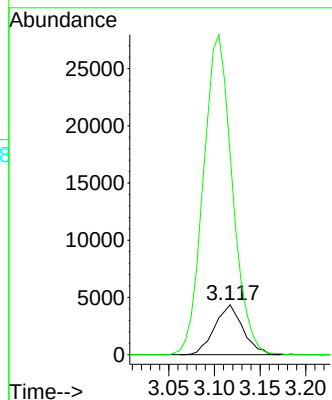
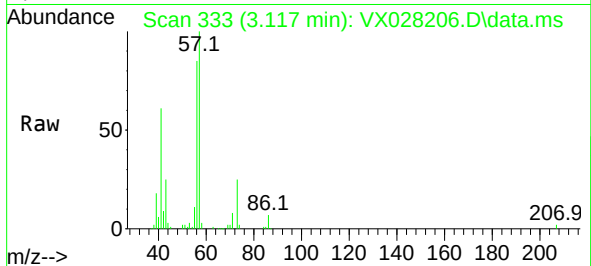




#19
Methyl tert-butyl Ether
Concen: 0.765 ug/l
RT: 3.117 min Scan# 31573
Delta R.T. 0.006 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

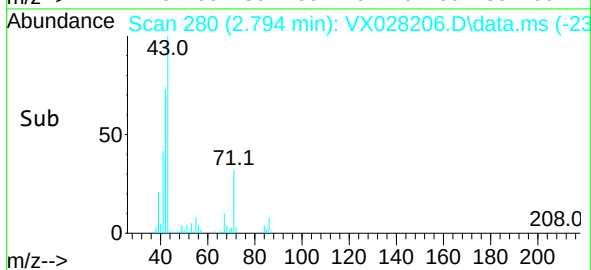
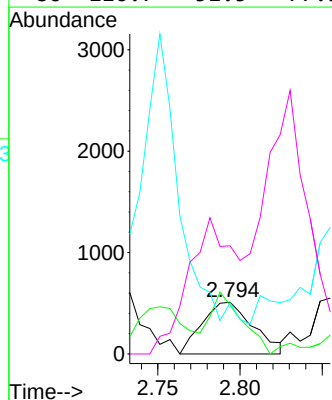
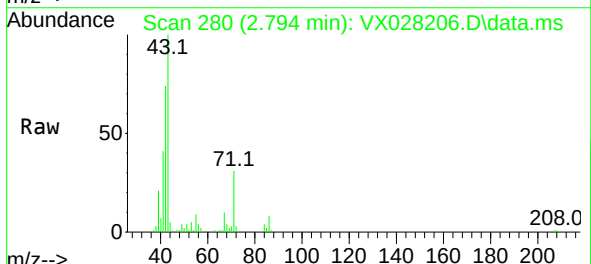
Instrument :
MSVOA_X
ClientSampleId :
31573

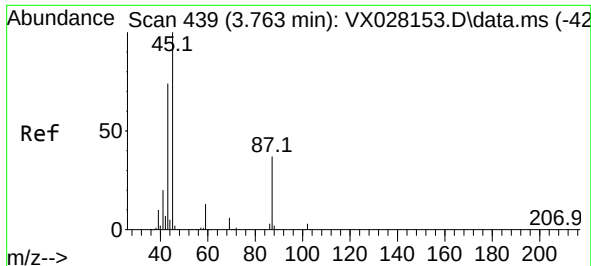
Tgt Ion: 73 Resp: 9336
Ion Ratio Lower Upper
73 100
57 399.4 16.8 25.2#



#20
Methylene Chloride
Concen: 0.298 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

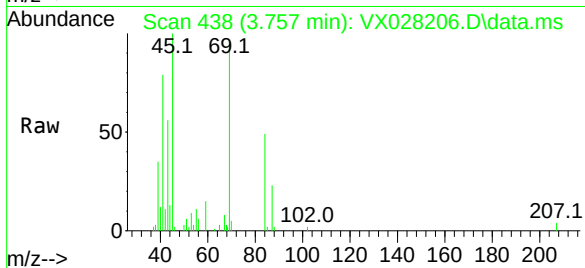
Tgt Ion: 84 Resp: 1098
Ion Ratio Lower Upper
84 100
49 79.8 85.5 128.3#
51 0.0 26.6 39.8#
86 116.7 51.5 77.3#



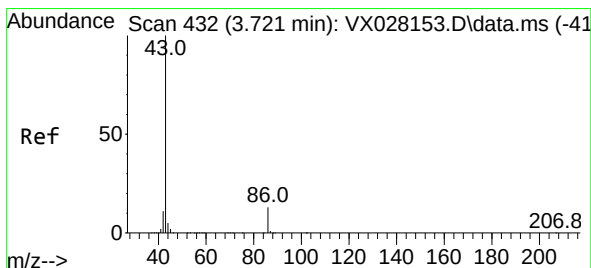
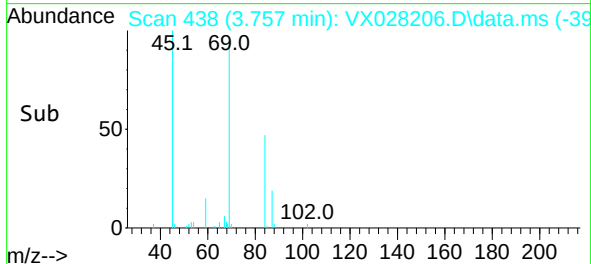
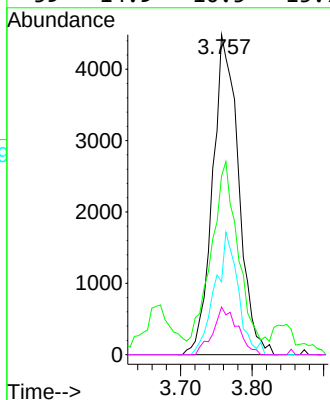


#22
Diisopropyl ether
Concen: 1.013 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

Instrument :
MSVOA_X
ClientSampleId :
31573

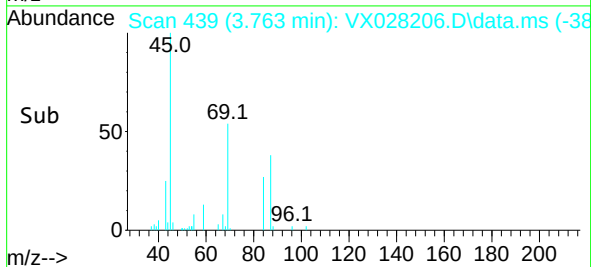
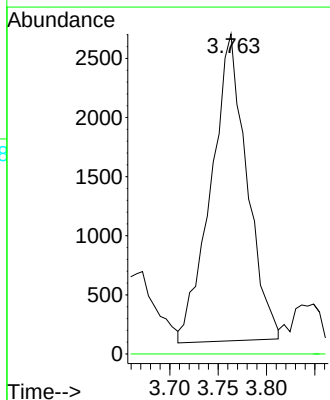
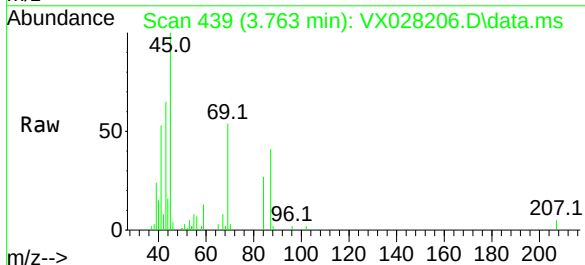


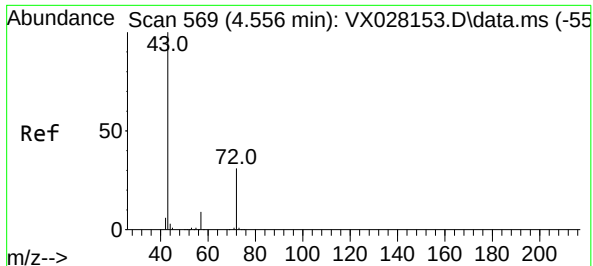
Tgt Ion: 45 Resp: 11333
Ion Ratio Lower Upper
45 100
43 49.2 50.8 76.2#
87 22.7 26.6 39.8#
59 14.9 10.5 15.7



#23
Vinyl Acetate
Concen: 0.683 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.042 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

Tgt Ion: 43 Resp: 6677
Ion Ratio Lower Upper
43 100
86 0.0 10.8 16.2#

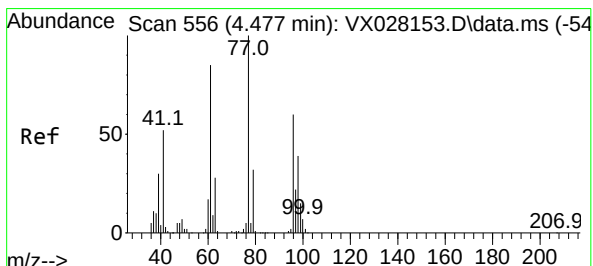
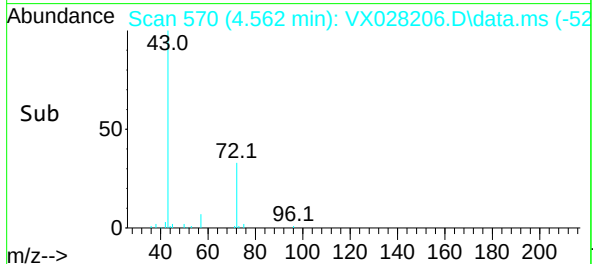
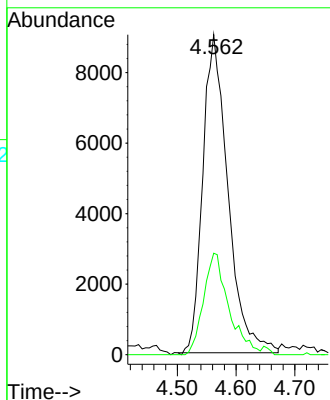
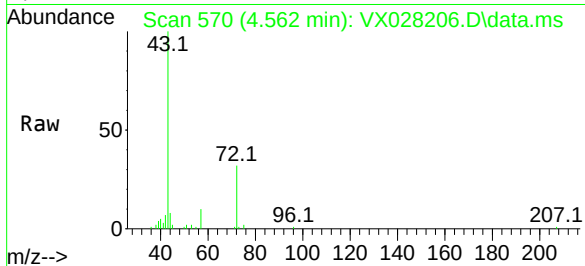




#25
2-Butanone
Concen: 9.133 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

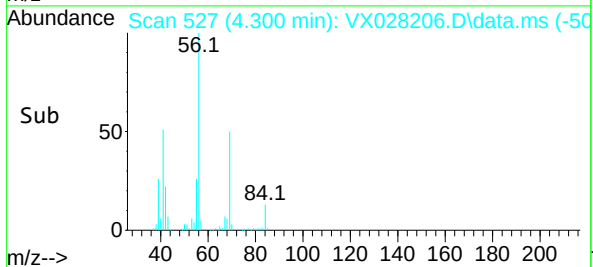
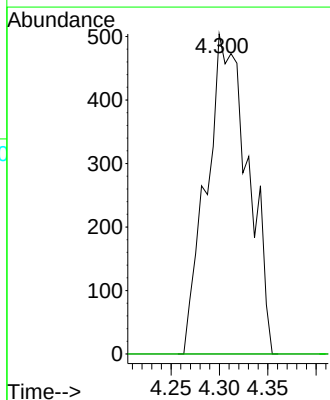
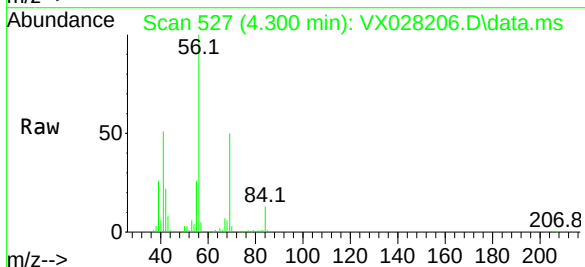
Instrument :
MSVOA_X
ClientSampleId :
31573

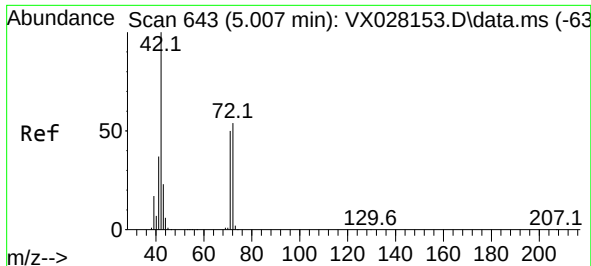
Tgt Ion: 43 Resp: 26874
Ion Ratio Lower Upper
43 100
72 31.9 24.4 36.6



#26
2,2-Dichloropropane
Concen: 0.232 ug/l
RT: 4.300 min Scan# 527
Delta R.T. -0.177 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

Tgt Ion: 77 Resp: 1500
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.4#





#29

Tetrahydrofuran

Concen: 1.811 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

Instrument :

MSVOA_X

ClientSampleId :

31573

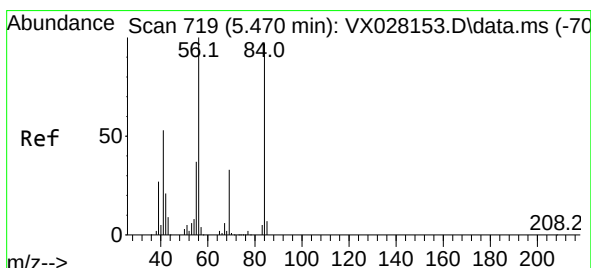
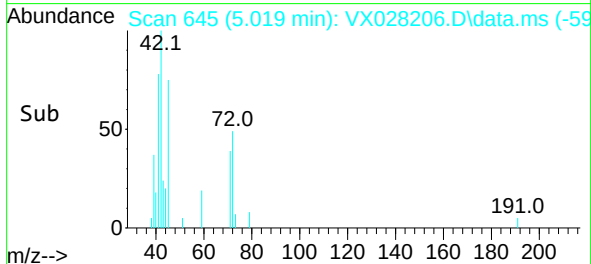
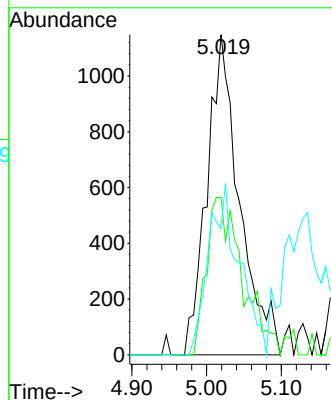
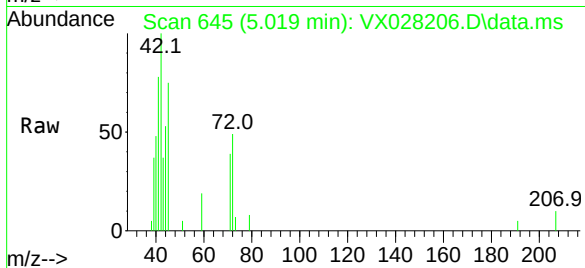
Tgt Ion: 42 Resp: 3474

Ion Ratio Lower Upper

42 100

72 54.2 44.1 66.1

71 50.2 40.5 60.7



#31

Cyclohexane

Concen: 11.089 ug/l

RT: 5.476 min Scan# 720

Delta R.T. 0.006 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

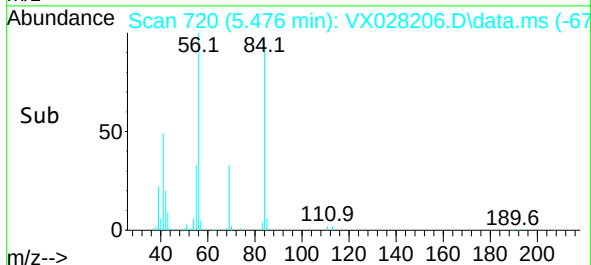
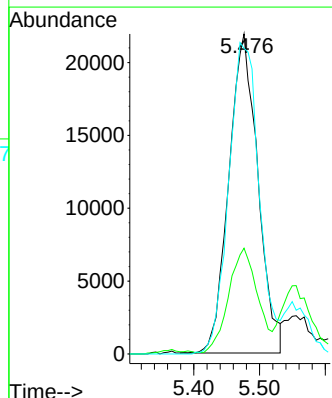
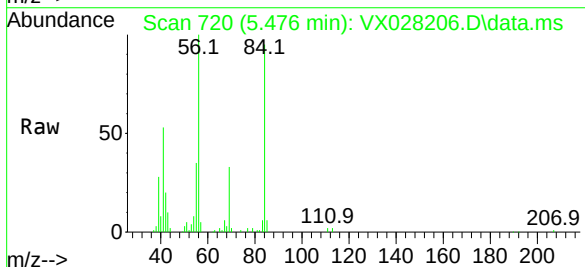
Tgt Ion: 56 Resp: 67127

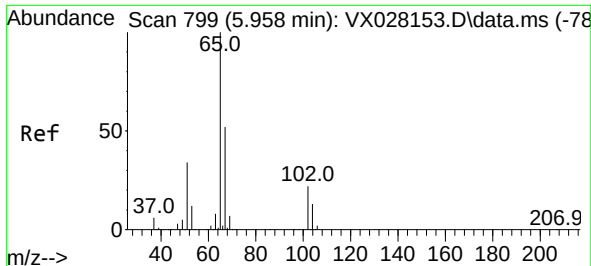
Ion Ratio Lower Upper

56 100

69 32.5 26.7 40.1

84 95.8 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 54.844 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

Instrument :

MSVOA_X

ClientSampleId :

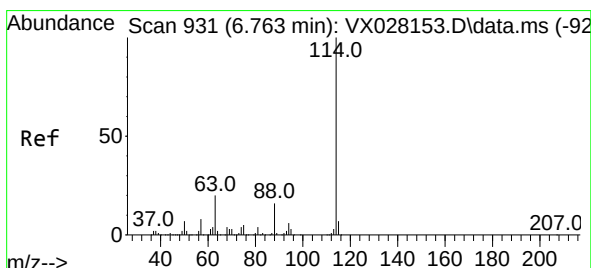
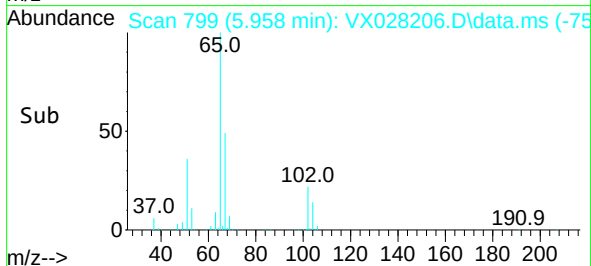
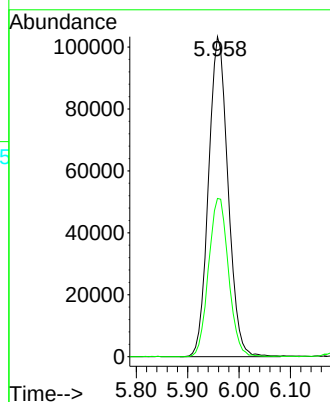
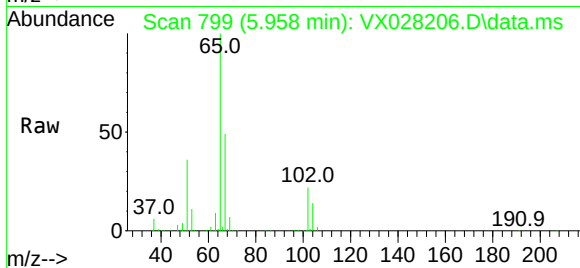
31573

Tgt Ion: 65 Resp: 272488

Ion Ratio Lower Upper

65 100

67 50.7 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: VX028206.D

Acq: 20 Apr 2022 18:31

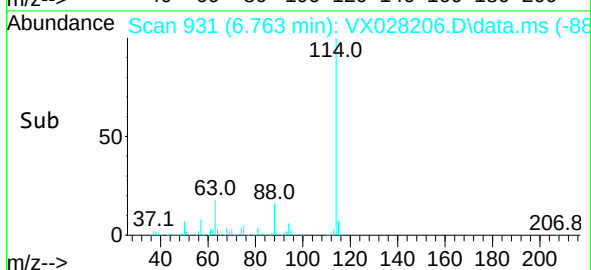
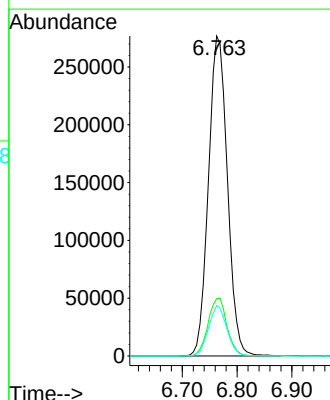
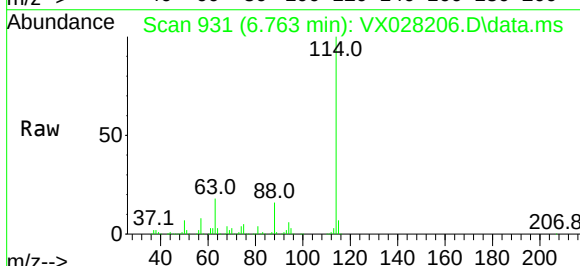
Tgt Ion: 114 Resp: 663515

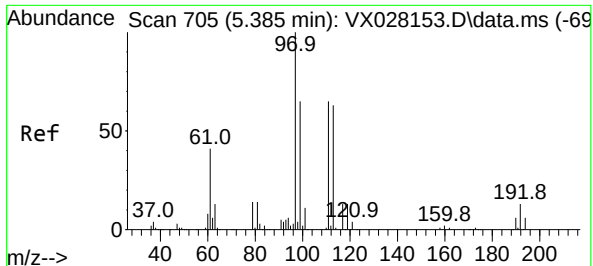
Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.204 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

Instrument :

MSVOA_X

ClientSampleId :

31573

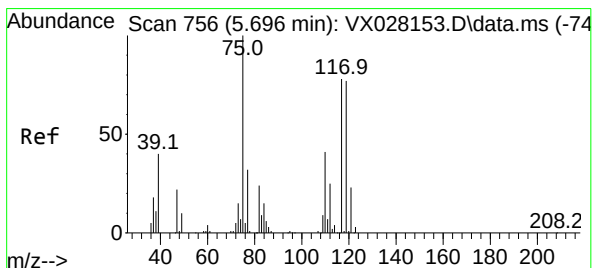
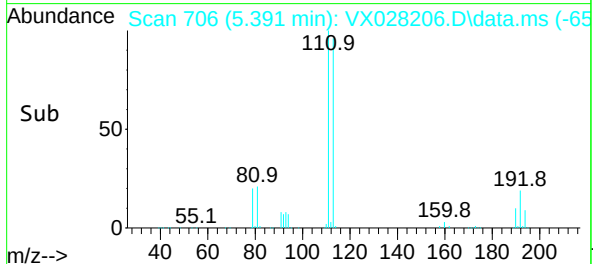
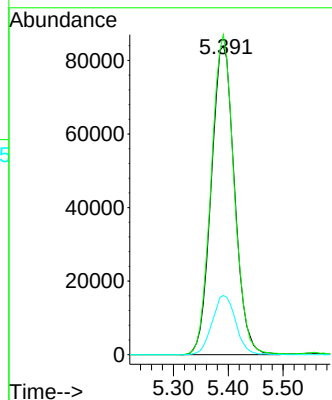
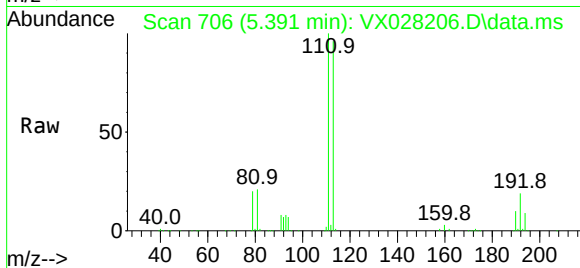
Tgt Ion:113 Resp: 247570

Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

192 19.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.610 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

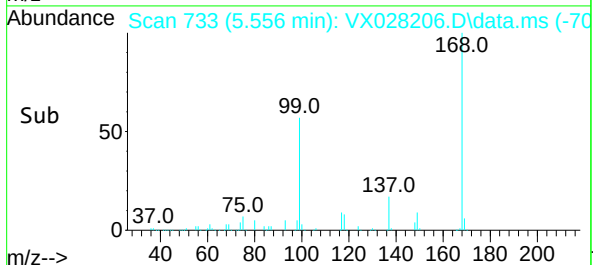
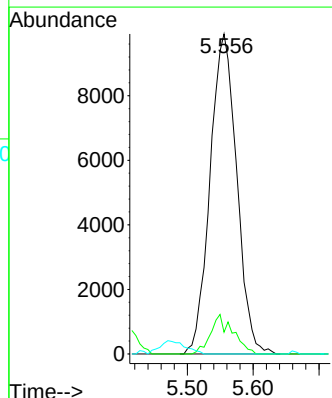
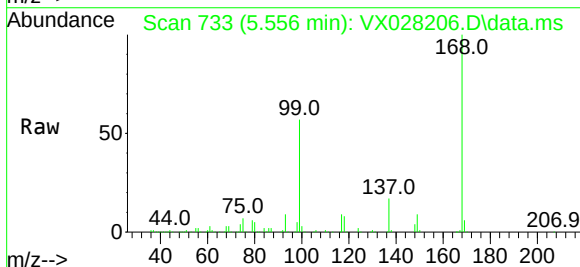
Tgt Ion: 75 Resp: 27980

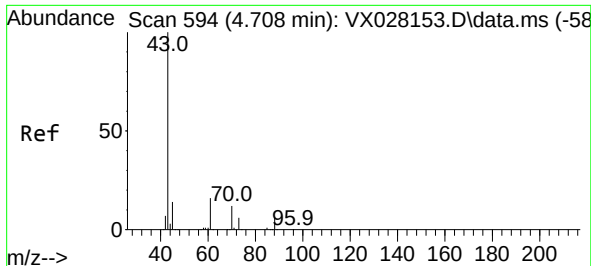
Ion Ratio Lower Upper

75 100

110 10.3 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 4.376 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.146 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

Instrument :

MSVOA_X

ClientSampleId :

31573

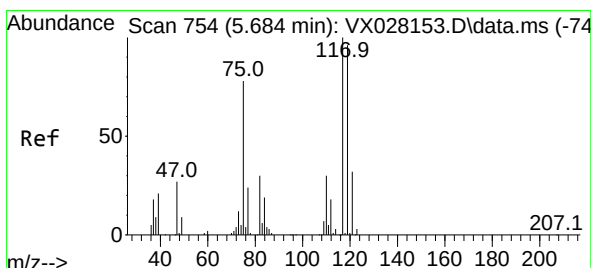
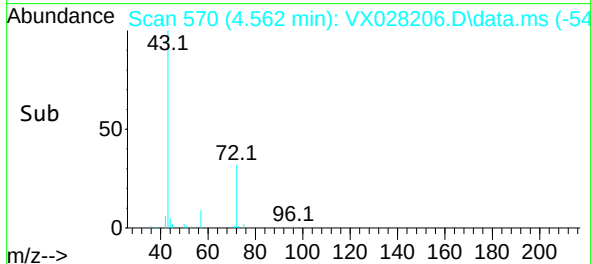
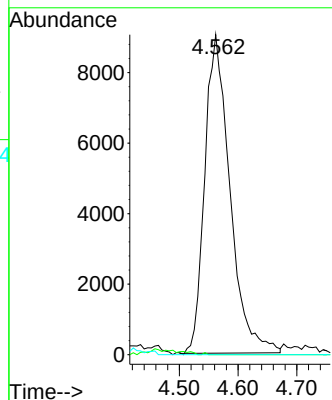
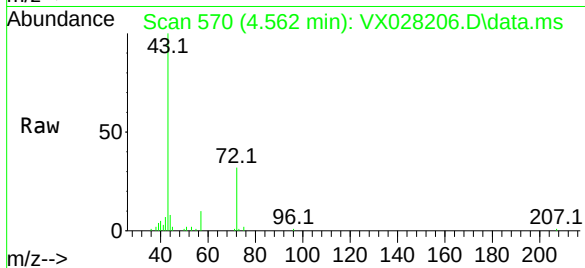
Tgt Ion: 43 Resp: 26951

Ion Ratio Lower Upper

43 100

61 0.1 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.575 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

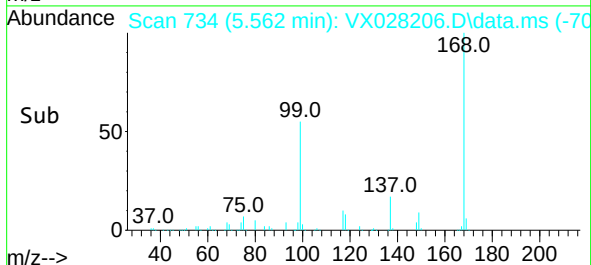
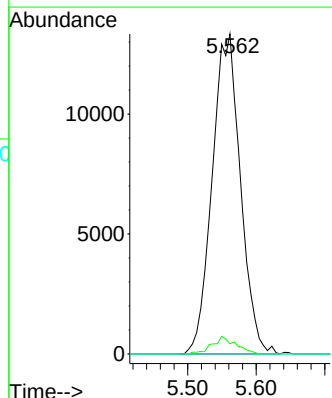
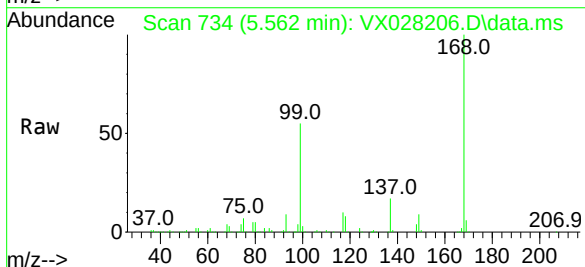
Tgt Ion: 117 Resp: 38199

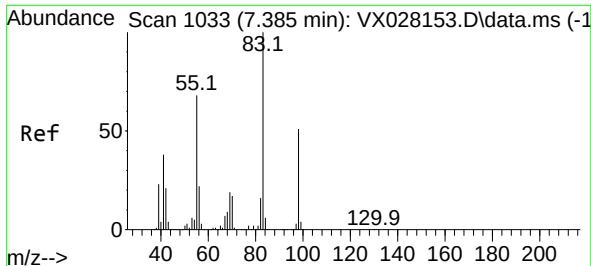
Ion Ratio Lower Upper

117 100

119 3.2 77.3 115.9#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 3.184 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

Instrument :

MSVOA_X

ClientSampleId :

31573

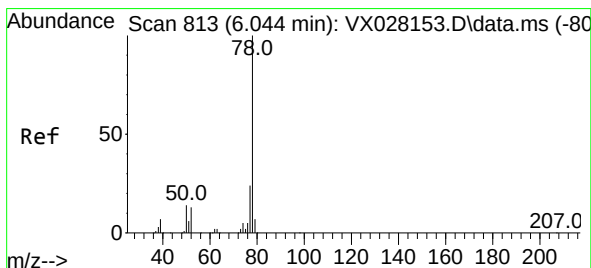
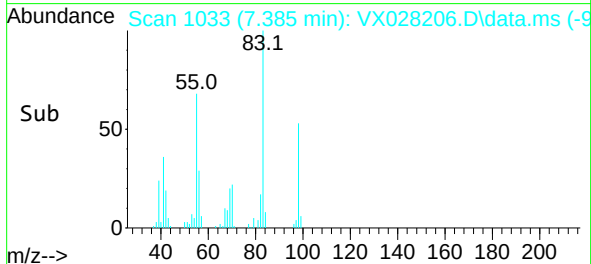
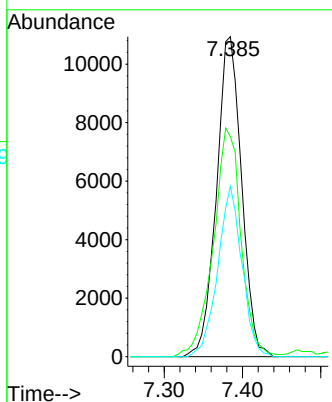
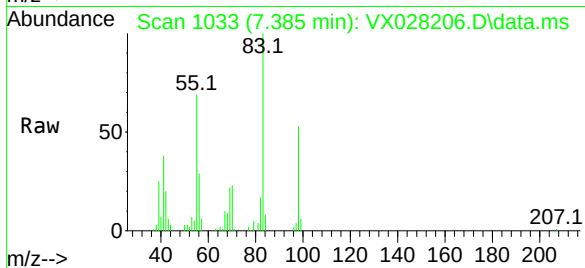
Tgt Ion: 83 Resp: 24381

Ion Ratio Lower Upper

83 100

55 68.0 54.6 81.8

98 53.3 37.4 56.2



#40

Benzene

Concen: 106.239 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.001 min

Lab File: VX028206.D

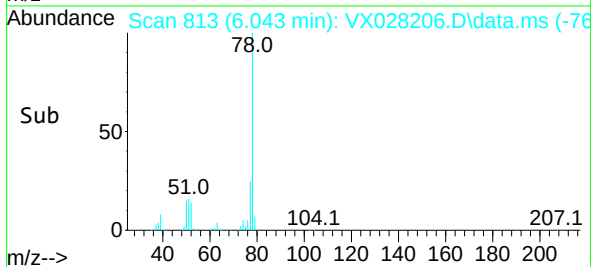
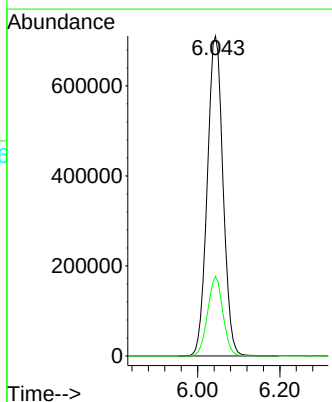
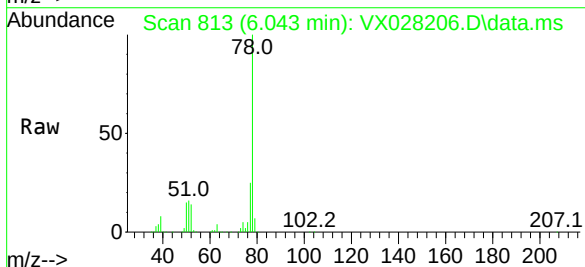
Acq: 20 Apr 2022 18:31

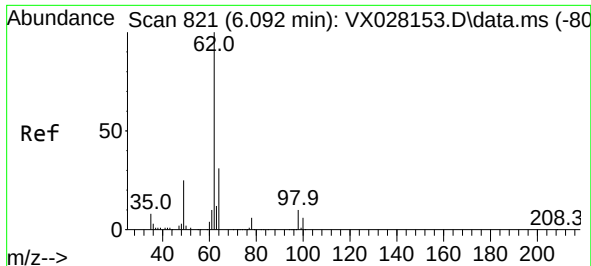
Tgt Ion: 78 Resp: 1887571

Ion Ratio Lower Upper

78 100

77 24.8 19.3 28.9





#42

1,2-Dichloroethane

Concen: 2.492 ug/l

RT: 6.043 min Scan# 81

Delta R.T. -0.049 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

Instrument :

MSVOA_X

ClientSampleId :

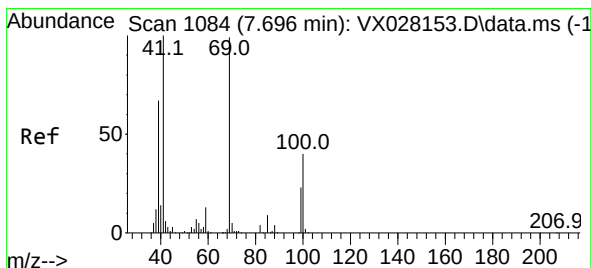
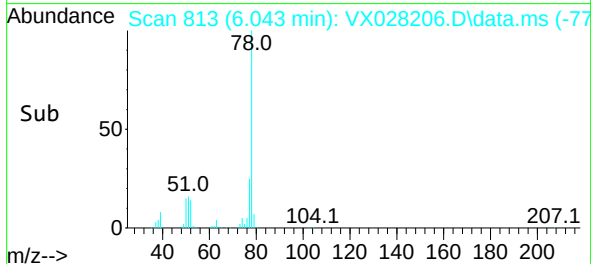
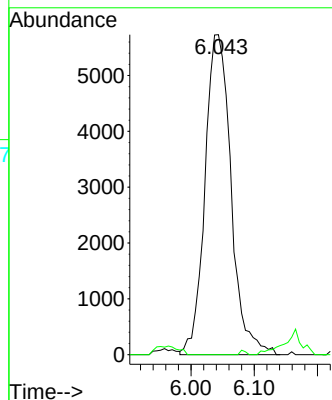
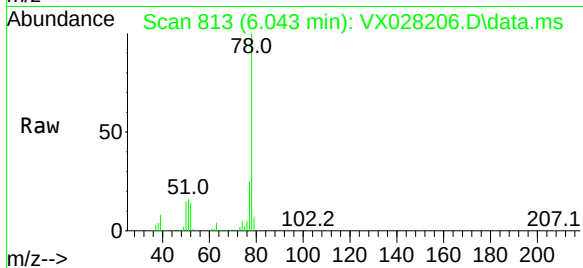
31573

Tgt Ion: 62 Resp: 16434

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.4



#48

Methyl methacrylate

Concen: 0.500 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.043 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

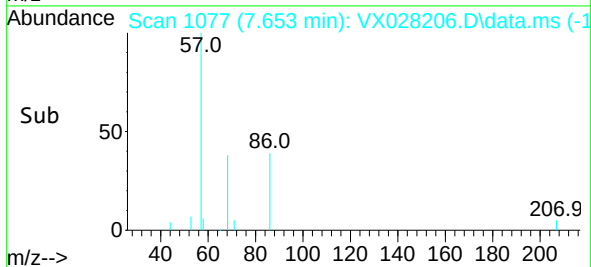
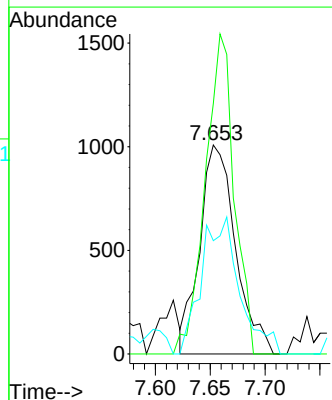
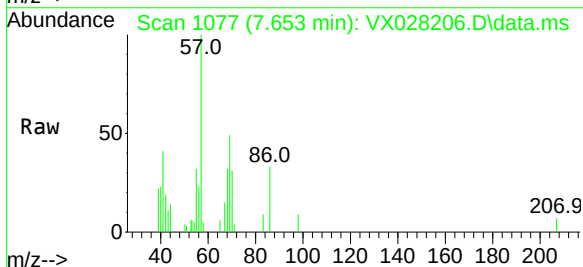
Tgt Ion: 41 Resp: 2301

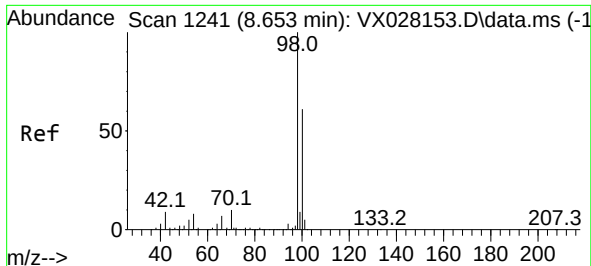
Ion Ratio Lower Upper

41 100

69 123.2 82.5 123.7

39 69.5 43.8 65.8#

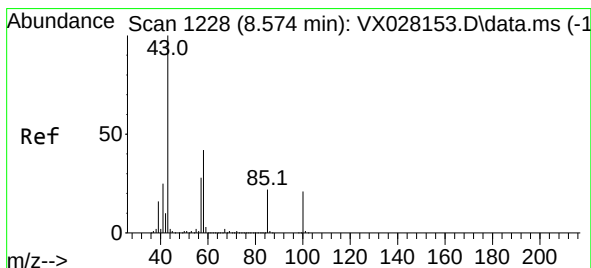
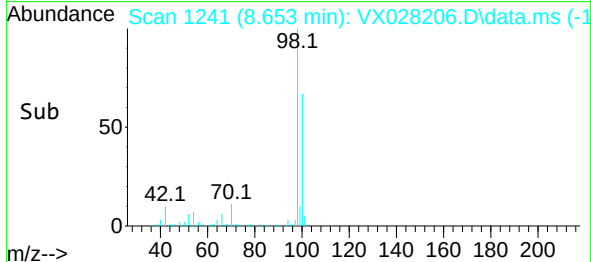
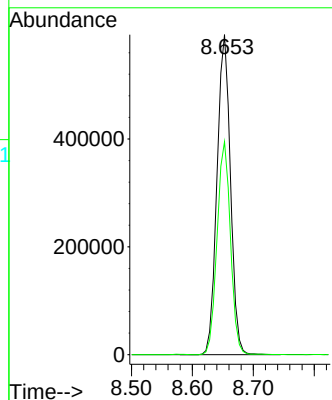
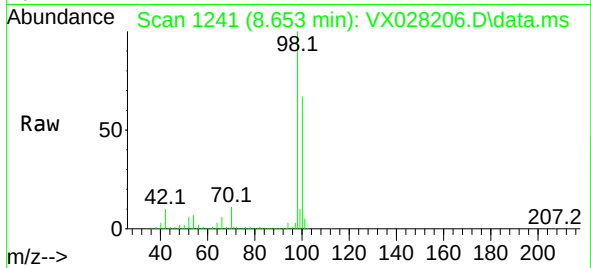




#50
Toluene-d8
Concen: 50.951 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

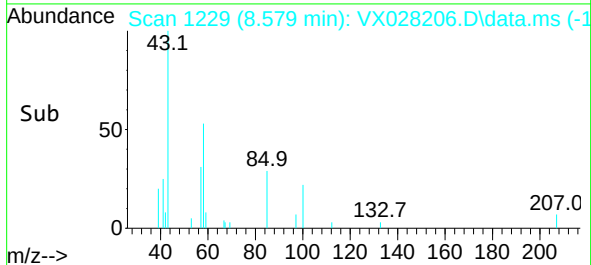
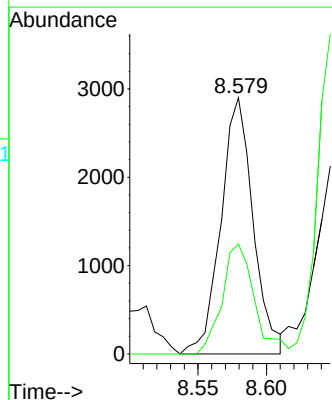
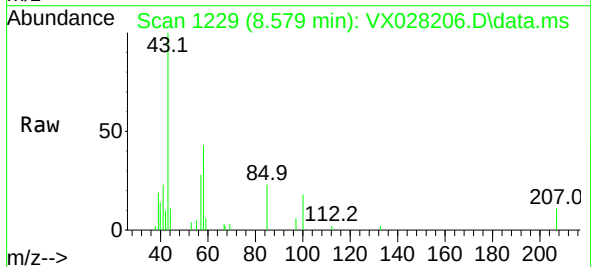
Instrument :
MSVOA_X
ClientSampleId :
31573

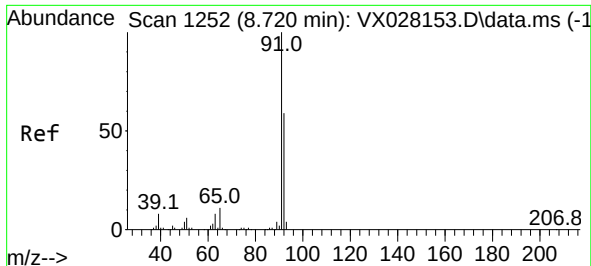
Tgt Ion: 98 Resp: 910585
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.738 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.005 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

Tgt Ion: 43 Resp: 4749
Ion Ratio Lower Upper
43 100
58 42.8 36.1 54.1

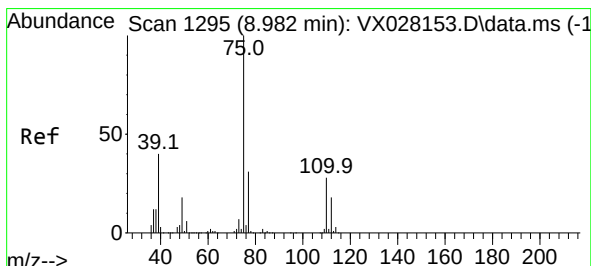
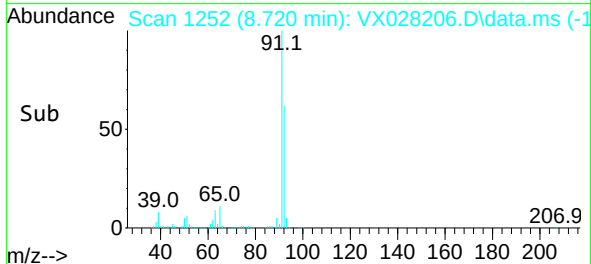
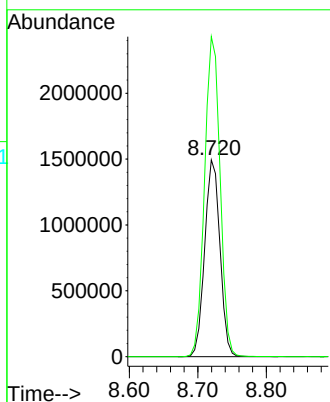
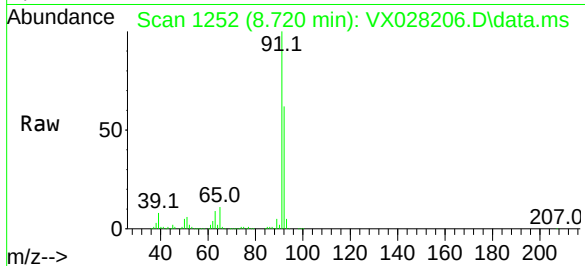




#52
Toluene
Concen: 187.853 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

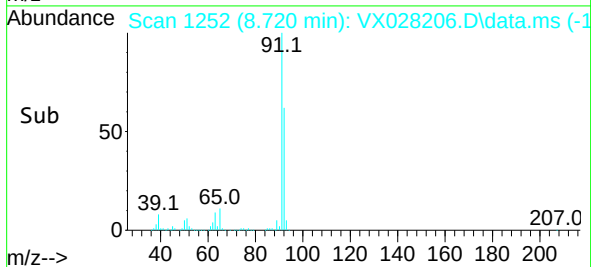
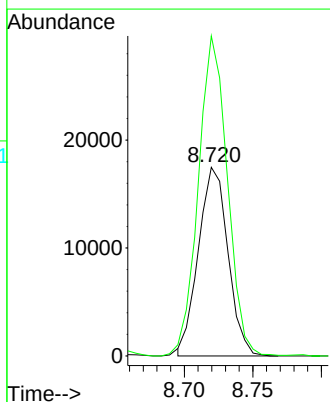
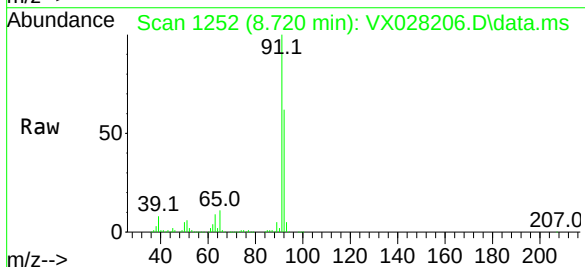
Instrument :
MSVOA_X
ClientSampleId :
31573

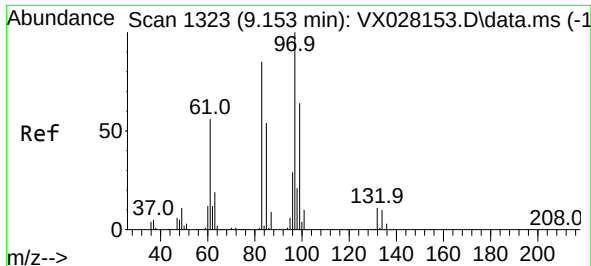
Tgt Ion: 92 Resp: 2318781
Ion Ratio Lower Upper
92 100
91 165.3 137.5 206.3



#53
t-1,3-Dichloropropene
Concen: 3.767 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.262 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

Tgt Ion: 75 Resp: 26251
Ion Ratio Lower Upper
75 100
77 169.2 25.4 38.0#

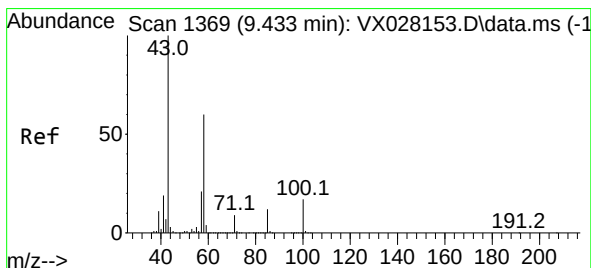
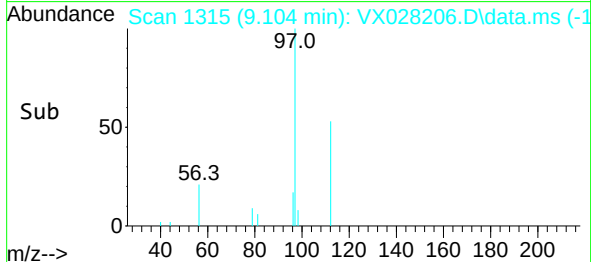
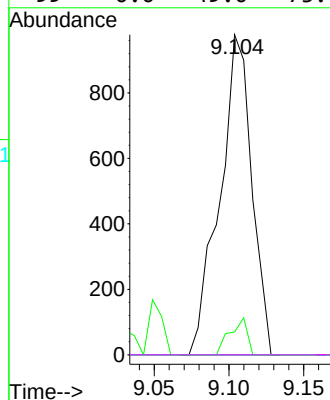
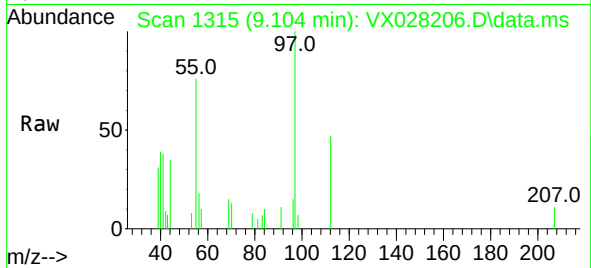




#55
 1,1,2-Trichloroethane
 Concen: 0.290 ug/l
 RT: 9.104 min Scan# 11
 Delta R.T. -0.049 min
 Lab File: VX028206.D
 Acq: 20 Apr 2022 18:31

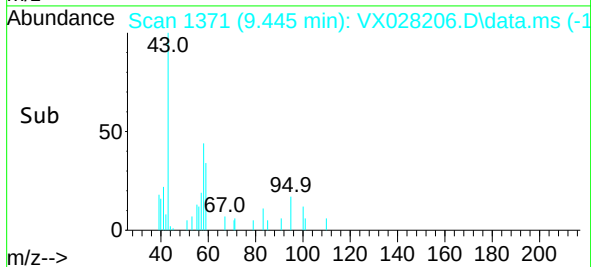
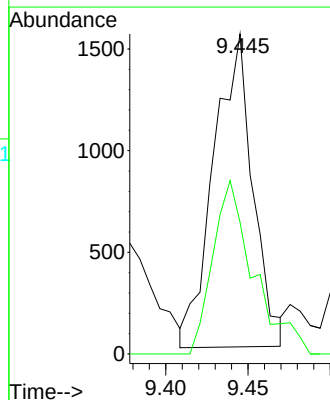
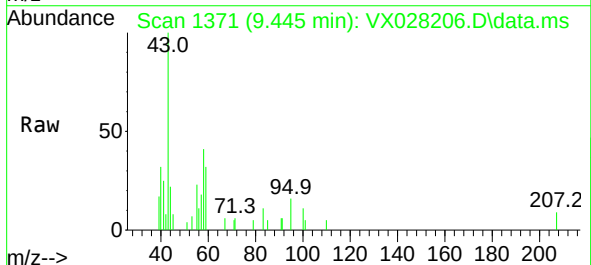
Instrument :
 MSVOA_X
 ClientSampleId :
 31573

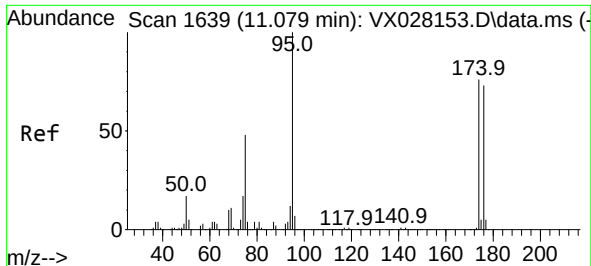
Tgt Ion: 97	Resp:	1456
Ion	Ratio	Lower Upper
97	100	
83	7.2	66.2 99.4#
85	0.0	42.9 64.3#
99	0.0	49.0 73.6#



#59
 2-Hexanone
 Concen: 0.511 ug/l
 RT: 9.445 min Scan# 1371
 Delta R.T. 0.012 min
 Lab File: VX028206.D
 Acq: 20 Apr 2022 18:31

Tgt Ion: 43	Resp:	2548
Ion	Ratio	Lower Upper
43	100	
58	57.9	31.9 95.7

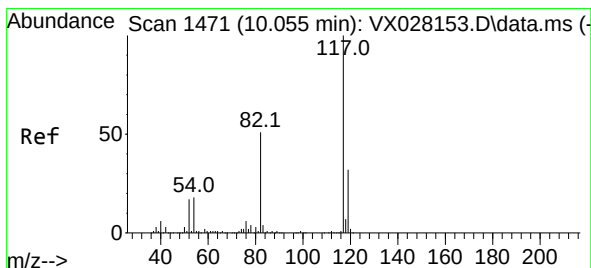
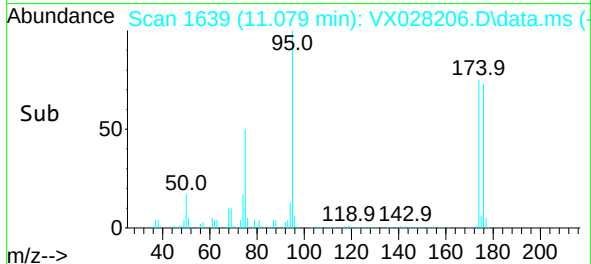
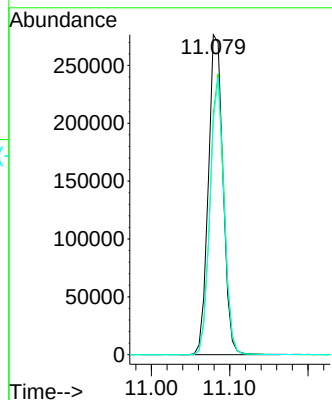
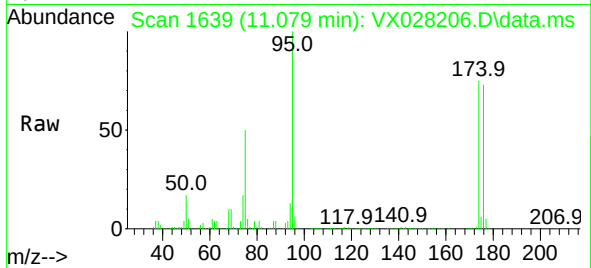




#62
4-Bromofluorobenzene
Concen: 52.588 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

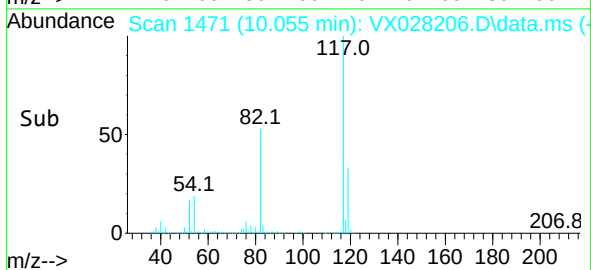
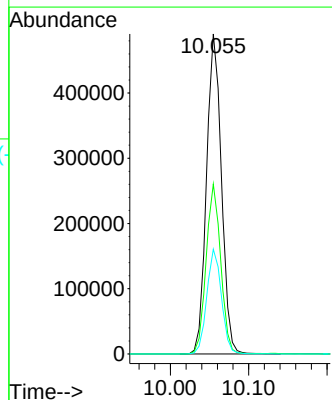
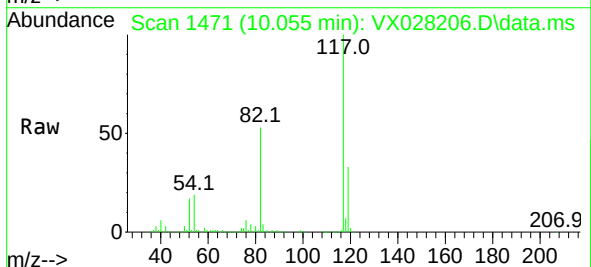
Instrument :
MSVOA_X
ClientSampleId :
31573

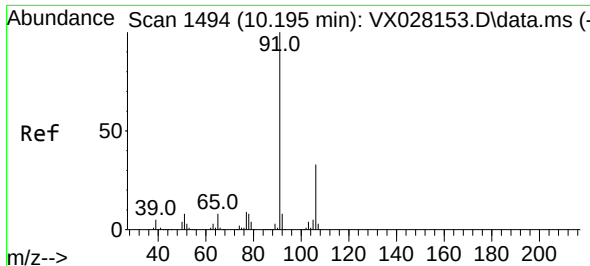
Tgt Ion: 95 Resp: 359361
Ion Ratio Lower Upper
95 100
174 84.6 0.0 163.0
176 82.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

Tgt Ion: 117 Resp: 647312
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.8
119 32.7 24.8 37.2





#67

Ethyl Benzene

Concen: 8.051 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

Instrument :

MSVOA_X

ClientSampleId :

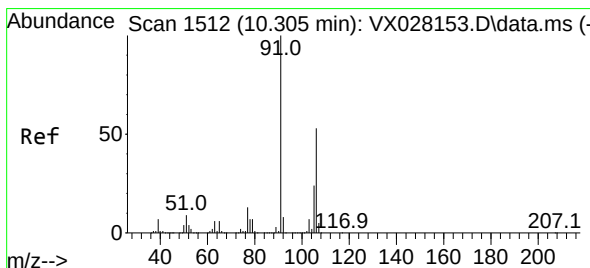
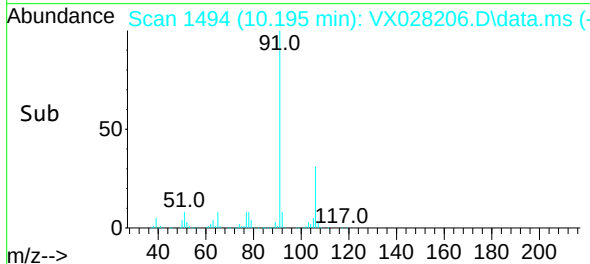
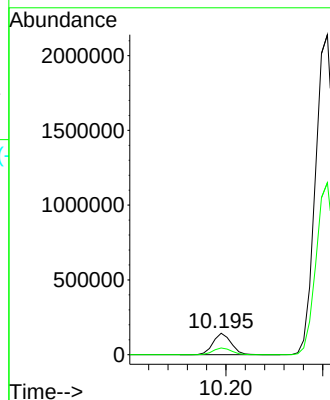
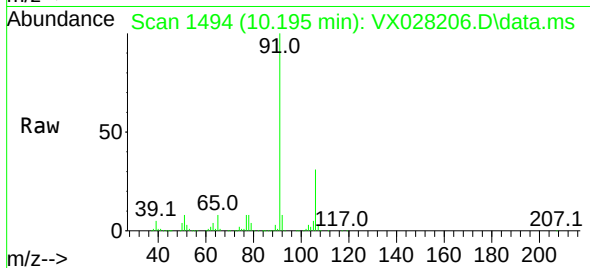
31573

Tgt Ion: 91 Resp: 186311

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 164.872 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028206.D

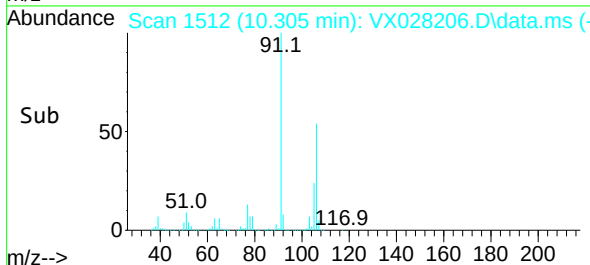
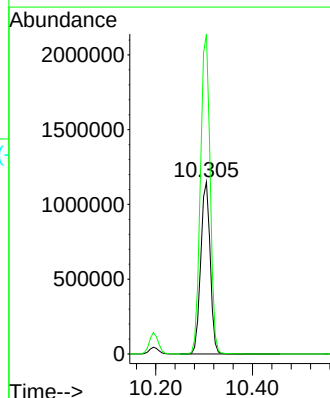
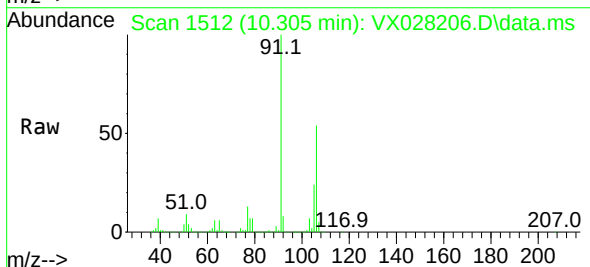
Acq: 20 Apr 2022 18:31

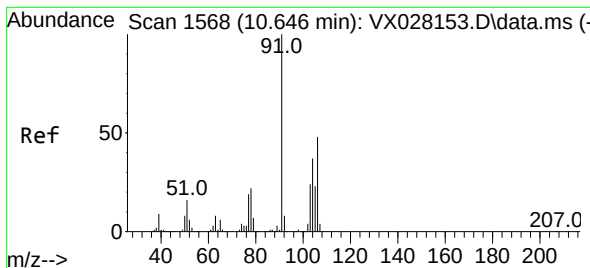
Tgt Ion: 106 Resp: 1552880

Ion Ratio Lower Upper

106 100

91 190.4 160.4 240.6





#69

o-Xylene

Concen: 91.977 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

Instrument :

MSVOA_X

ClientSampleId :

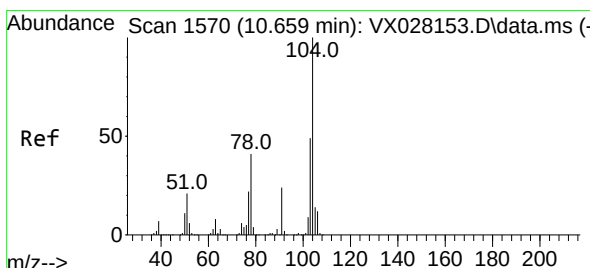
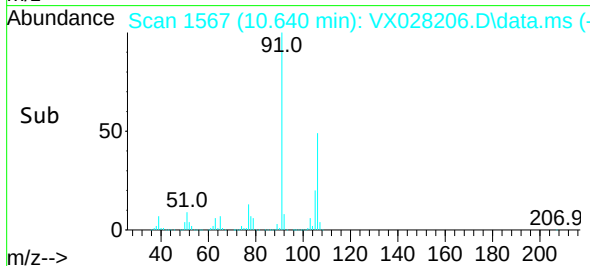
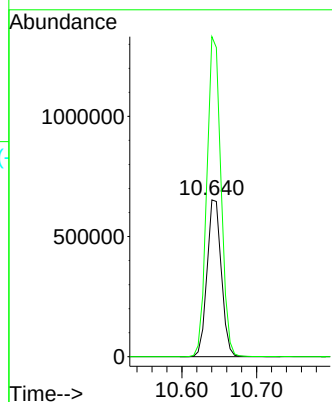
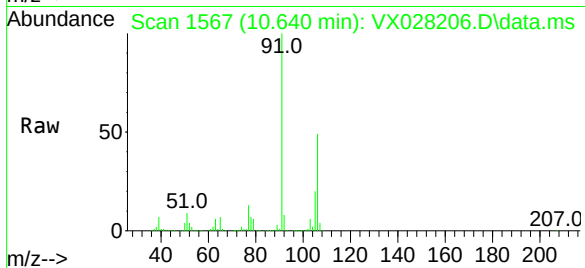
31573

Tgt Ion:106 Resp: 863717

Ion Ratio Lower Upper

106 100

91 202.5 106.1 318.1



#70

Styrene

Concen: 2.872 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.019 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

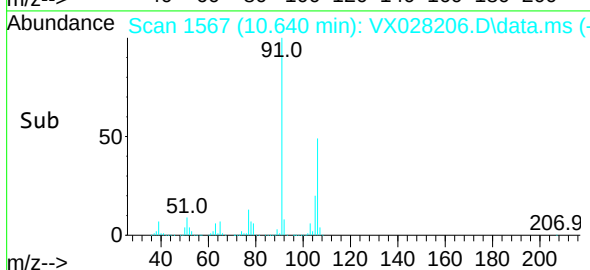
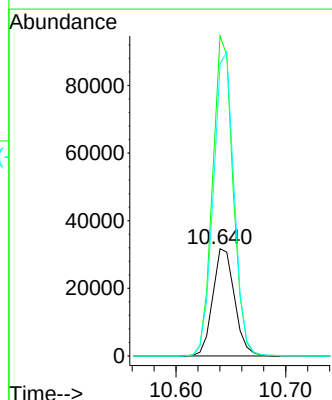
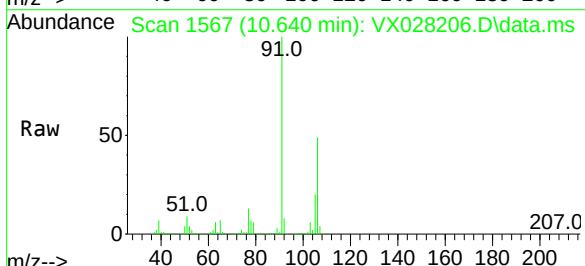
Tgt Ion:104 Resp: 43686

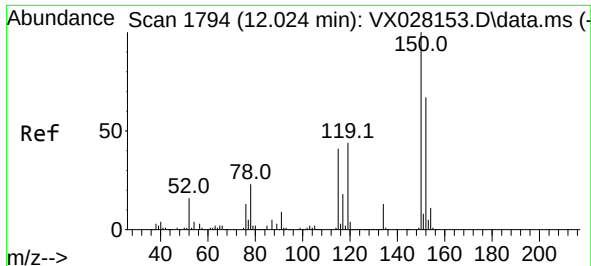
Ion Ratio Lower Upper

104 100

78 280.5 38.6 57.8#

103 270.7 43.8 65.8#

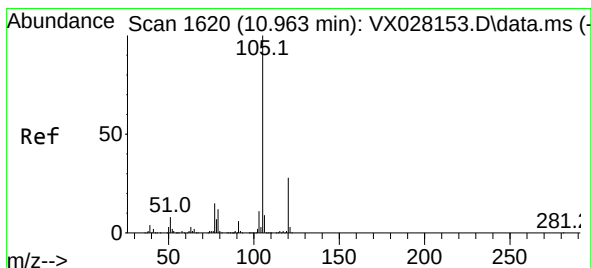
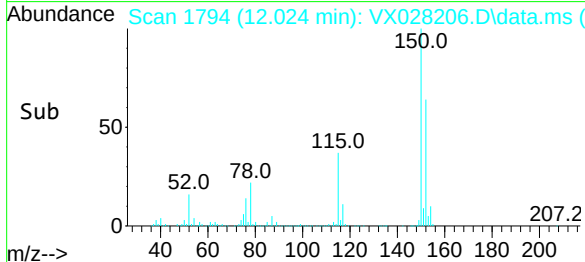
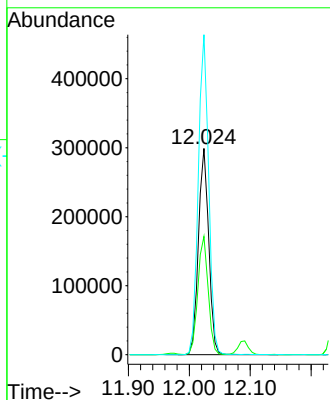
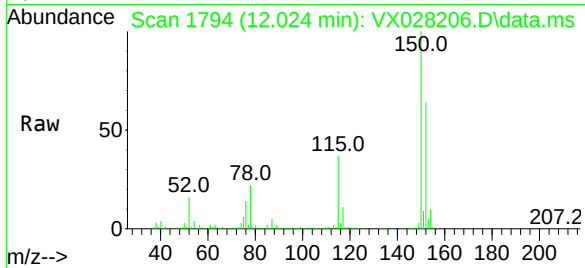




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

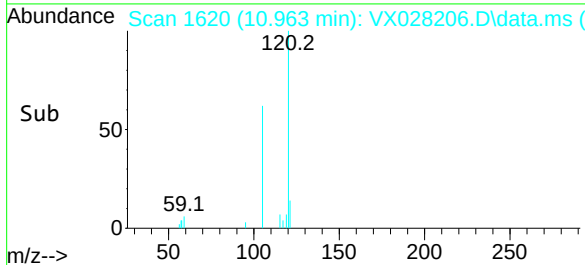
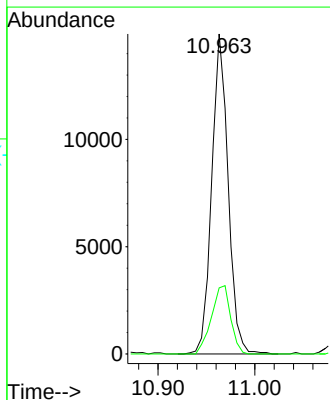
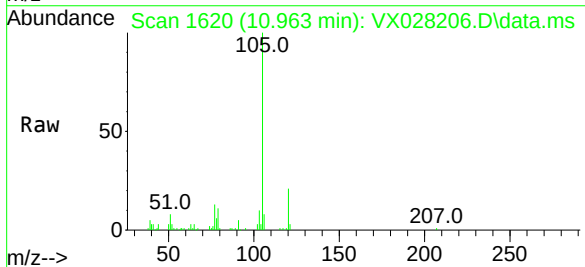
Instrument :
MSVOA_X
ClientSampleId :
31573

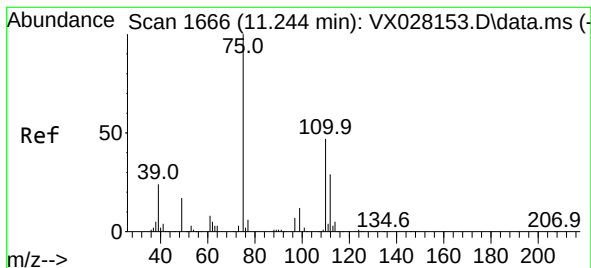
Tgt Ion:152 Resp: 351908
Ion Ratio Lower Upper
152 100
115 57.4 37.5 112.7
150 155.9 0.0 338.2



#73
Isopropylbenzene
Concen: 0.725 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

Tgt Ion:105 Resp: 17546
Ion Ratio Lower Upper
105 100
120 25.0 13.5 40.5





#76

1,2,3-Trichloropropane

Concen: 1.823 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.134 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

Instrument :

MSVOA_X

ClientSampleId :

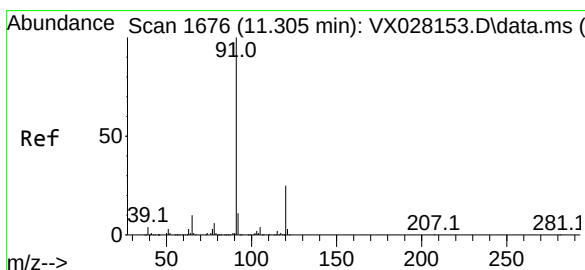
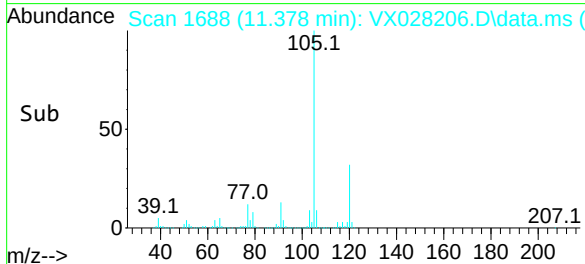
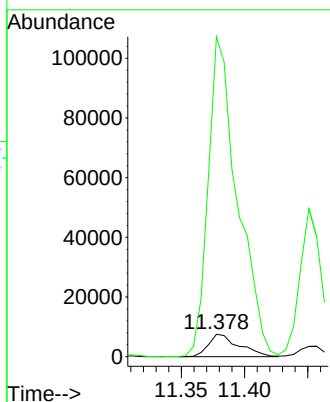
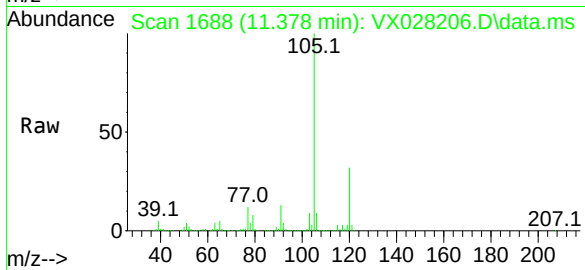
31573

Tgt Ion: 75 Resp: 12629

Ion Ratio Lower Upper

75 100

77 1375.2 19.4 58.2#



#78

n-propylbenzene

Concen: 0.790 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX028206.D

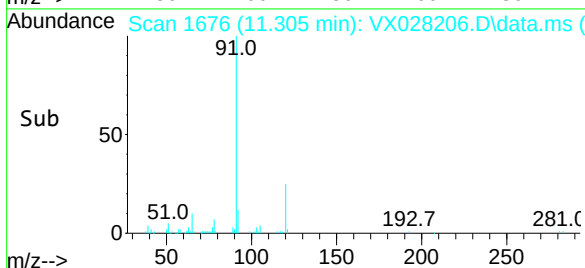
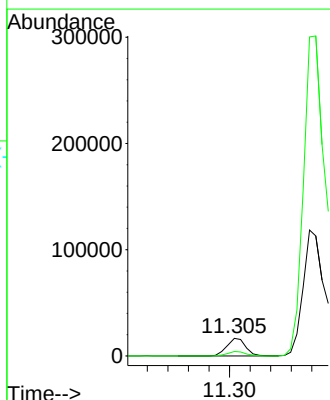
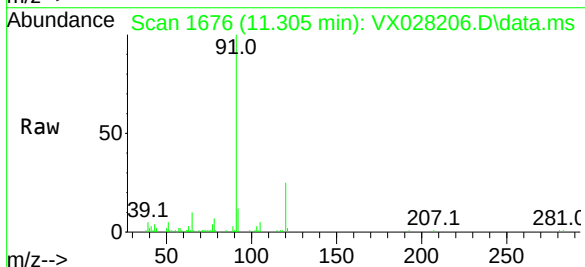
Acq: 20 Apr 2022 18:31

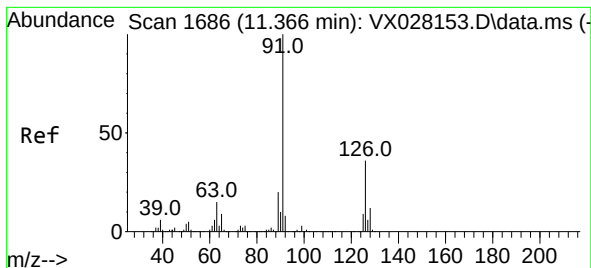
Tgt Ion: 91 Resp: 21177

Ion Ratio Lower Upper

91 100

120 0.0 11.6 34.8#





#79

2-Chlorotoluene

Concen: 11.500 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

Instrument :

MSVOA_X

ClientSampleId :

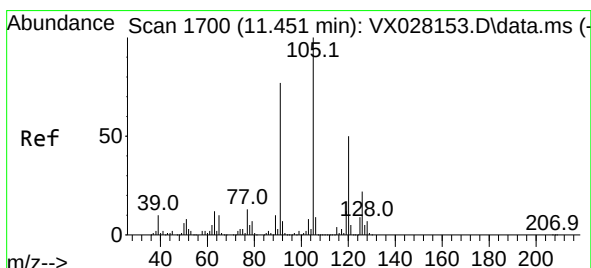
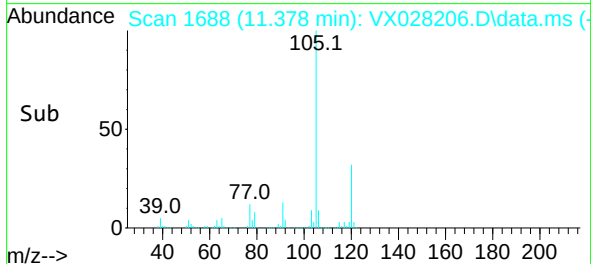
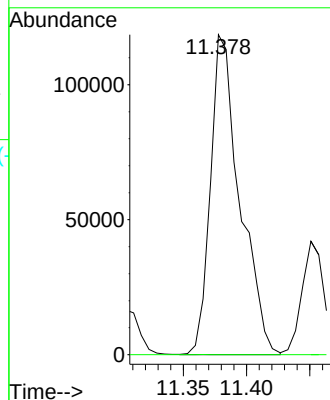
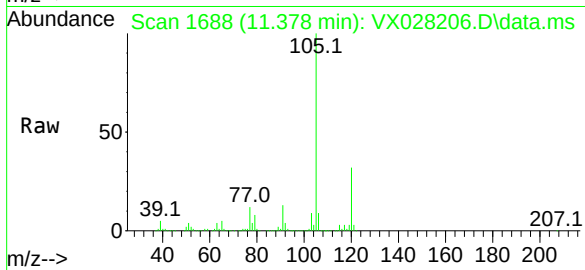
31573

Tgt Ion: 91 Resp: 191756

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#



#80

1,3,5-Trimethylbenzene

Concen: 23.550 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX028206.D

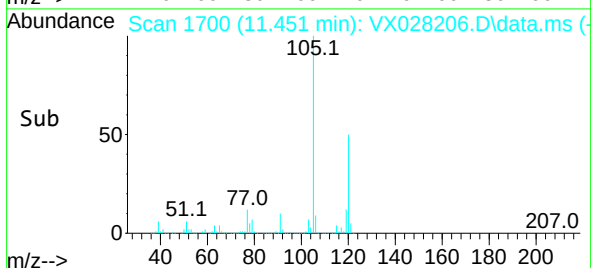
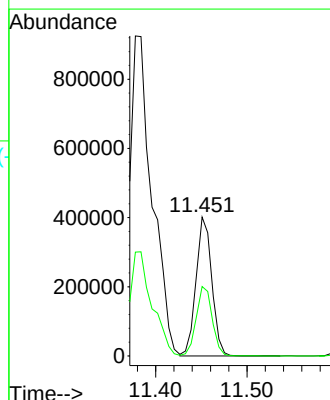
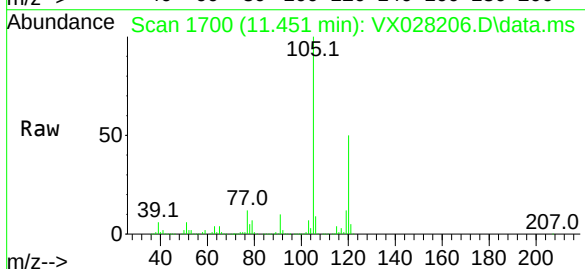
Acq: 20 Apr 2022 18:31

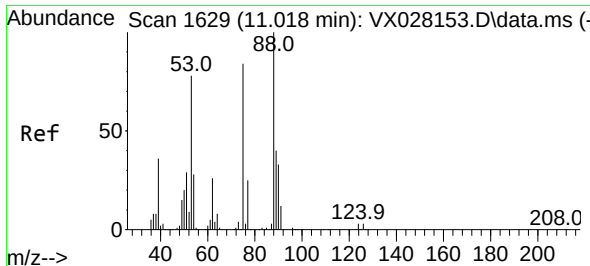
Tgt Ion: 105 Resp: 483521

Ion Ratio Lower Upper

105 100

120 50.7 24.3 72.9

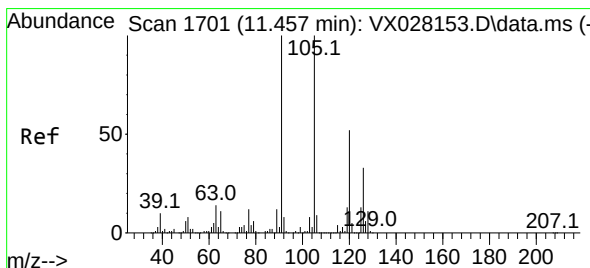
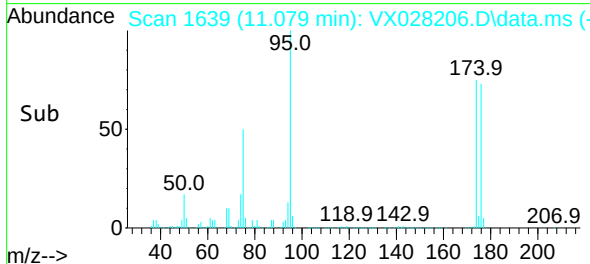
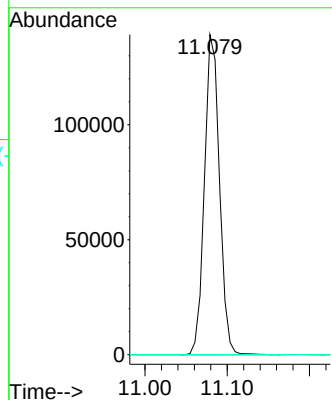
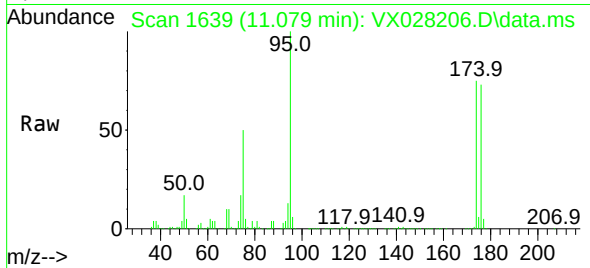




#81
trans-1,4-Dichloro-2-butene
Concen: 75.764 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

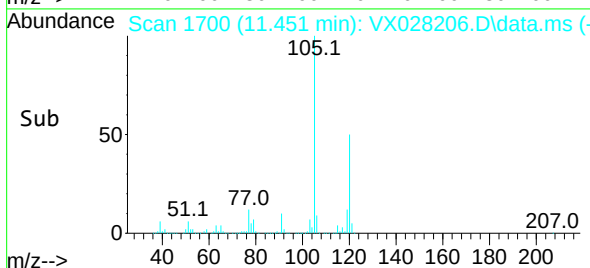
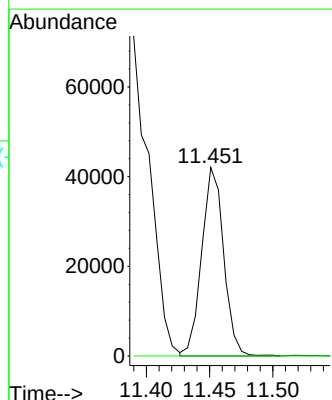
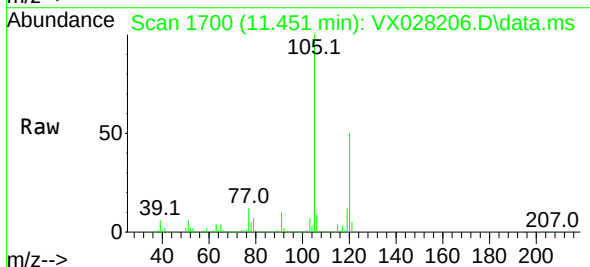
Instrument :
MSVOA_X
ClientSampleId :
31573

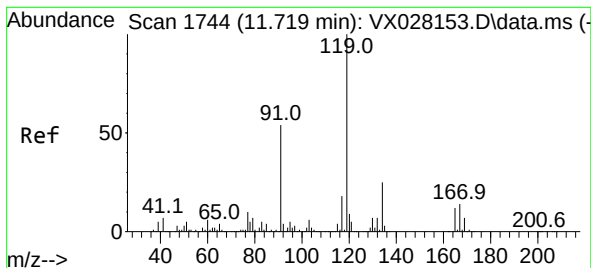
Tgt Ion: 75 Resp: 176573
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 2.647 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX028206.D
Acq: 20 Apr 2022 18:31

Tgt Ion: 91 Resp: 50835
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#





#83

tert-Butylbenzene

Concen: 10.377 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.037 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

Instrument :

MSVOA_X

ClientSampleId :

31573

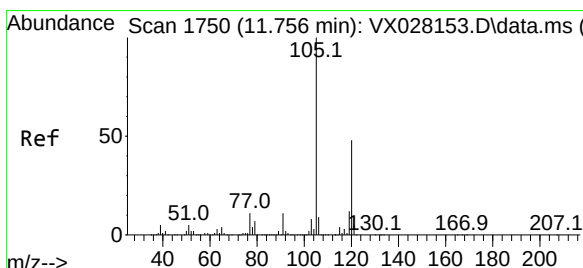
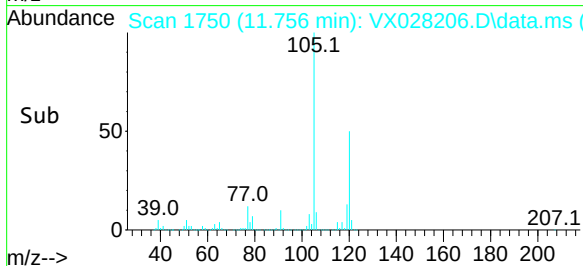
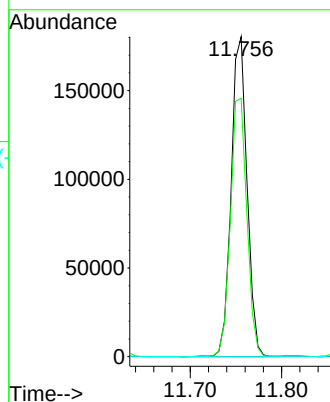
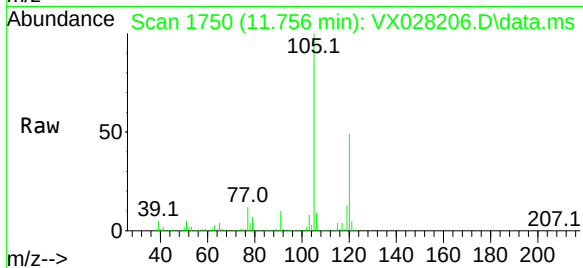
Tgt Ion:119 Resp: 217558

Ion Ratio Lower Upper

119 100

91 84.1 26.9 80.6#

134 0.0 11.4 34.2#



#84

1,2,4-Trimethylbenzene

Concen: 84.692 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX028206.D

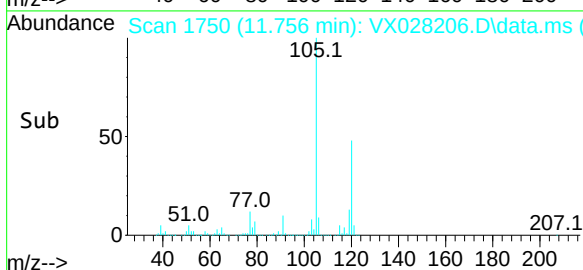
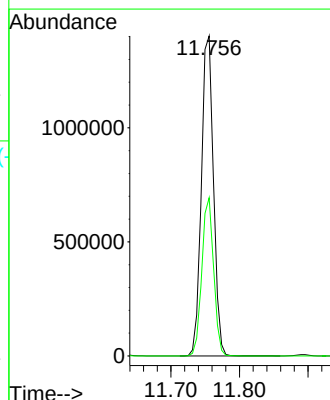
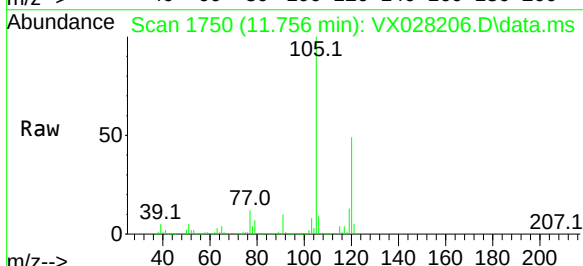
Acq: 20 Apr 2022 18:31

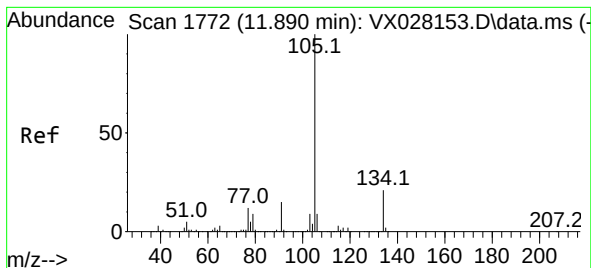
Tgt Ion:105 Resp: 1728551

Ion Ratio Lower Upper

105 100

120 48.3 22.6 67.8





#85

sec-Butylbenzene

Concen: 68.338 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.134 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

Instrument :

MSVOA_X

ClientSampleId :

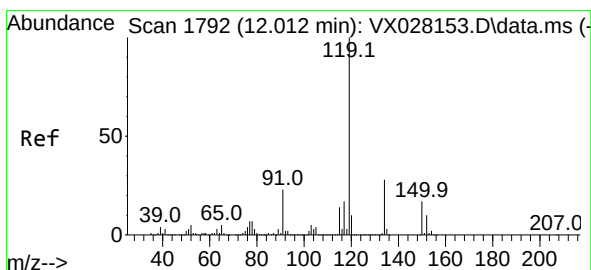
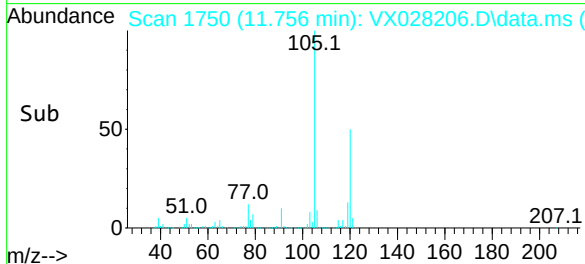
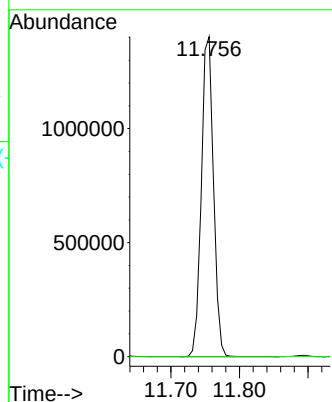
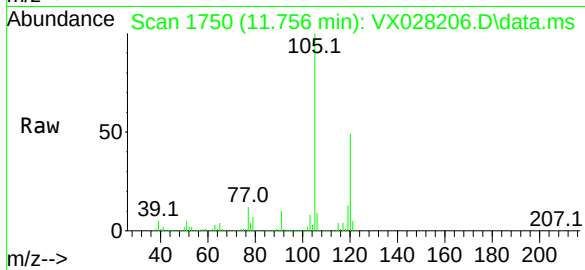
31573

Tgt Ion:105 Resp: 1728551

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 1.725 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.043 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

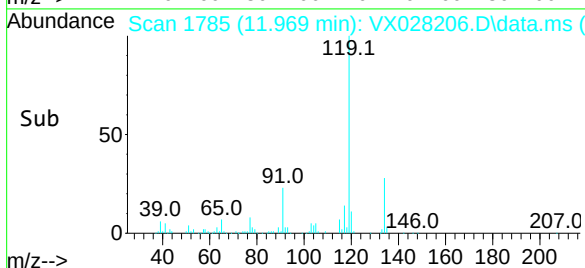
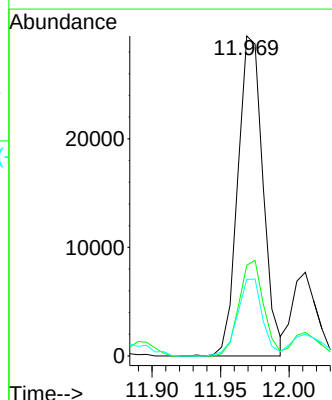
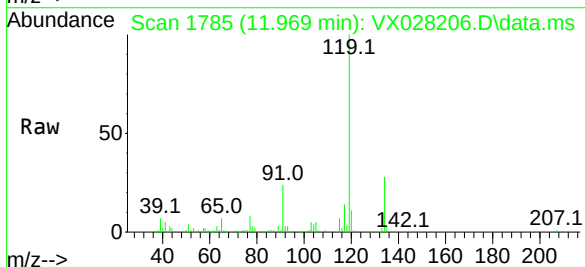
Tgt Ion:119 Resp: 37636

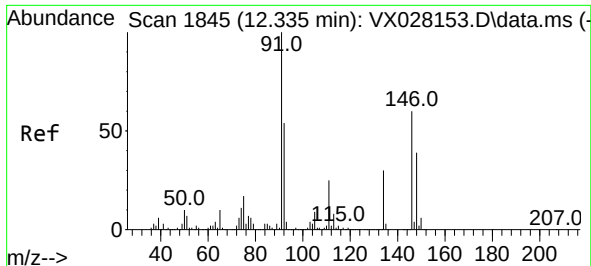
Ion Ratio Lower Upper

119 100

134 29.2 13.0 39.0

91 23.8 11.3 33.9





#89

n-Butylbenzene

Concen: 2.787 ug/l

RT: 12.317 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

Instrument :

MSVOA_X

ClientSampleId :

31573

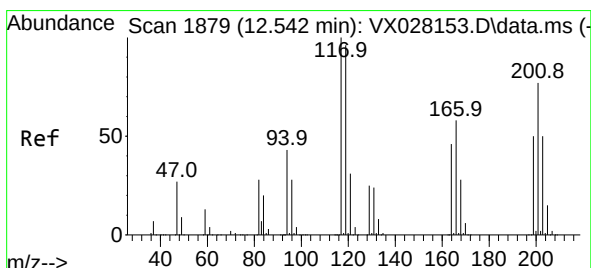
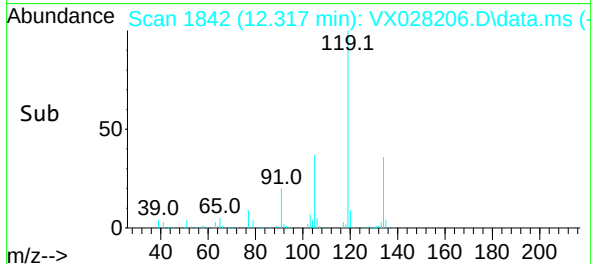
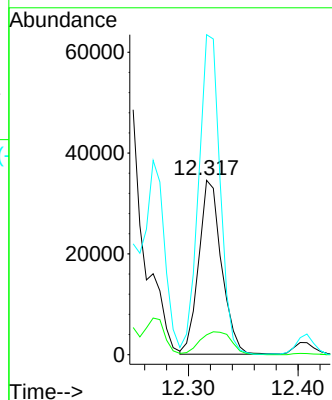
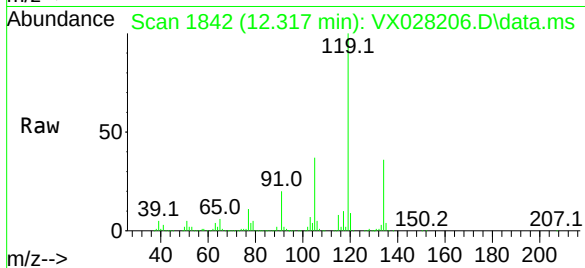
Tgt Ion: 91 Resp: 49929

Ion Ratio Lower Upper

91 100

92 18.3 27.8 83.3#

134 172.7 13.3 39.8#



#90

Hexachloroethane

Concen: 5.115 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.012 min

Lab File: VX028206.D

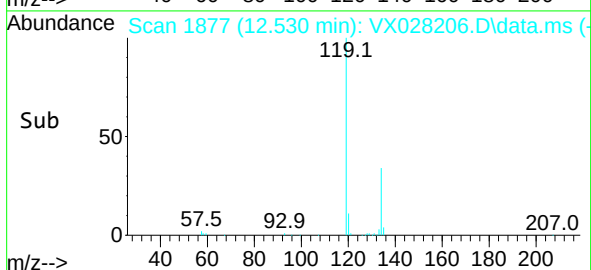
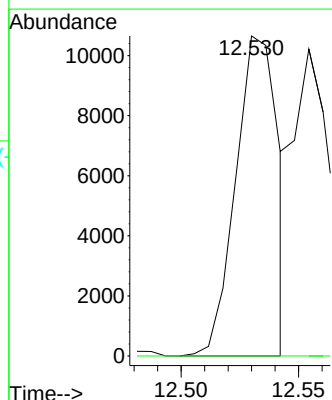
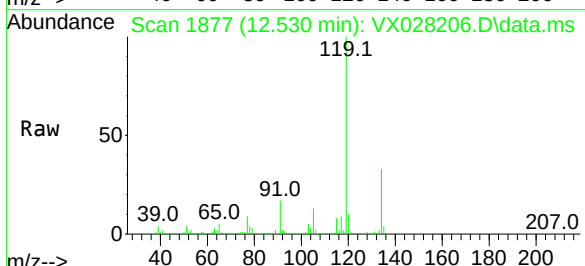
Acq: 20 Apr 2022 18:31

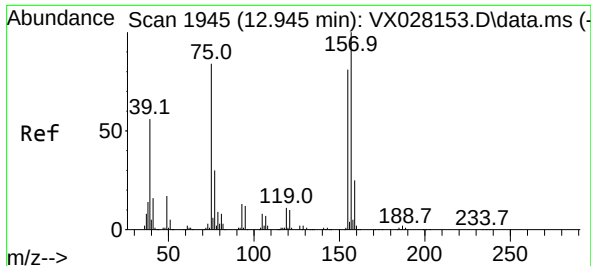
Tgt Ion: 117 Resp: 13451

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.813 ug/l

RT: 12.963 min Scan# 1945

Delta R.T. 0.018 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

Instrument :

MSVOA_X

ClientSampleId :

31573

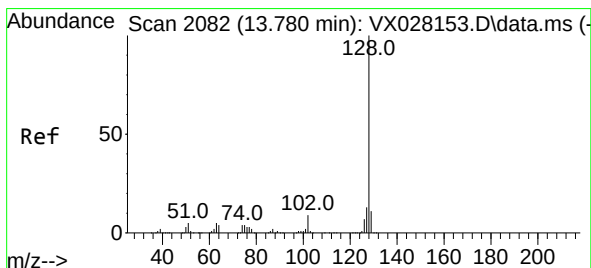
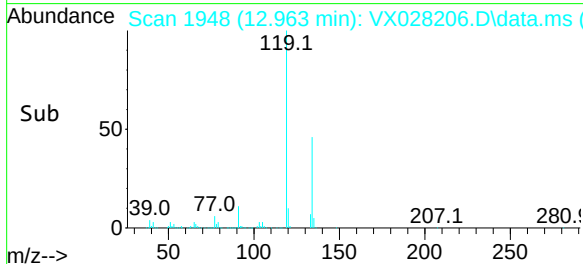
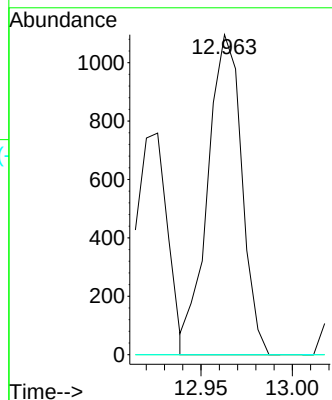
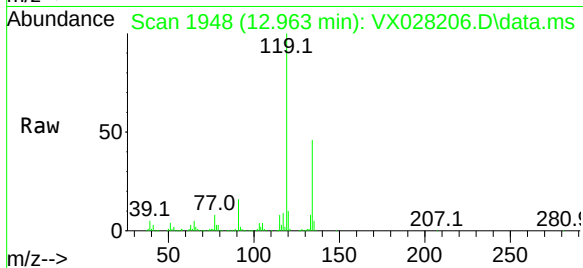
Tgt Ion: 75 Resp: 1419

Ion Ratio Lower Upper

75 100

155 0.0 47.0 141.2#

157 0.0 57.9 173.6#



#95

Naphthalene

Concen: 11.545 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX028206.D

Acq: 20 Apr 2022 18:31

Tgt Ion:128 Resp: 268970

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.2 8.7 13.1

