

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
 Data File : VX023895.D
 Acq On : 20 Aug 2021 22:16
 Operator : JC/MD
 Sample : M3479-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 210818092-02-VOA

Quant Time: Aug 21 01:11:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 03 12:05:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	36219	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	199529	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	177111	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	87579	31.267	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.233%
60) 4-Bromofluorobenzene	11.085	95	82291	28.367	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.567%
63) Toluene-d8	8.653	98	238930	29.975	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.900%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	834	0.345	ug/l	99
5) Bromomethane	1.611	94	500	0.353	ug/l	96
8) Diethyl Ether	2.136	74	9242	6.648	ug/l	94
13) Acrolein	2.124	56	98	0.284	ug/l	99
15) Acetone	2.386	58	12296	29.306	ug/l	98
16) Carbon Disulfide	2.514	76	1725	0.333	ug/l #	90
17) Allyl chloride	2.648	41	30257	7.803	ug/l #	36
22) cis-1,2-Dichloroethene	4.489	96	555	0.212	ug/l #	79
23) tert-Butyl Alcohol	2.983	59	4698318	7478.667	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	7281	0.989	ug/l #	76
30) 2-Butanone	4.611	43	172964	83.033	ug/l #	78
31) 2,2-Dichloropropane	4.611	77	206815	58.870	ug/l #	50
34) Benzene	6.050	78	19157	2.045	ug/l #	90
36) 1,2-Dichloroethane	6.092	62	1628	0.455	ug/l #	91
44) Isopropyl Acetate	6.348	43	2159	0.351	ug/l	96
45) 1,4-Dioxane	7.665	88	6832	107.027	ug/l	97
47) n-amyl Acetate	10.896	43	4728	0.903	ug/l	93
50) 1,1,2-Trichloroethane	9.080	97	1627	0.648	ug/l #	22
56) Bromoform	11.079	173	637	0.352	ug/l #	1
58) 4-Methyl-2-Pentanone	8.574	43	18214	4.770	ug/l	99
59) 2-Hexanone	9.433	43	2560	0.863	ug/l #	83
62) Toluene	8.720	91	34265	3.429	ug/l	99
64) Chlorobenzene	10.086	112	2479	0.392	ug/l #	72
66) Ethyl Benzene	10.195	91	21844	1.976	ug/l	98
67) m/p-Xylenes	10.305	106	32951	7.706	ug/l	98
68) o-Xylene	10.646	106	17998	4.269	ug/l	98
69) Styrene	10.659	104	4483	0.645	ug/l #	44
70) Isopropylbenzene	10.970	105	13231	1.194	ug/l	100
75) 2-Chlorotoluene	11.378	91	2788	0.364	ug/l	60
76) 1,3,5-Trimethylbenzene	11.457	105	7697	0.837	ug/l	97
77) t-1,4-Dichloro-2-butene	11.024	75	672	0.565	ug/l #	22
78) 4-Chlorotoluene	11.457	91	1875	0.217	ug/l	50
79) tert-butylbenzene	11.756	119	3269	0.366	ug/l	41
80) 1,2,4-Trimethylbenzene	11.756	105	25680	2.819	ug/l	96
81) sec-Butylbenzene	11.756	105	25680	2.245	ug/l	57
82) p-Isopropyltoluene	12.012	119	4021	0.428	ug/l	90
83) 1,3-Dichlorobenzene	12.043	146	8027	1.642	ug/l	96
84) 1,4-Dichlorobenzene	12.043	146	8027	1.661	ug/l	95
86) Hexachloroethane	12.524	117	1098	0.719	ug/l #	12

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QLast Update : Tue Aug 03 12:05:42 2021
Response via : Initial Calibration

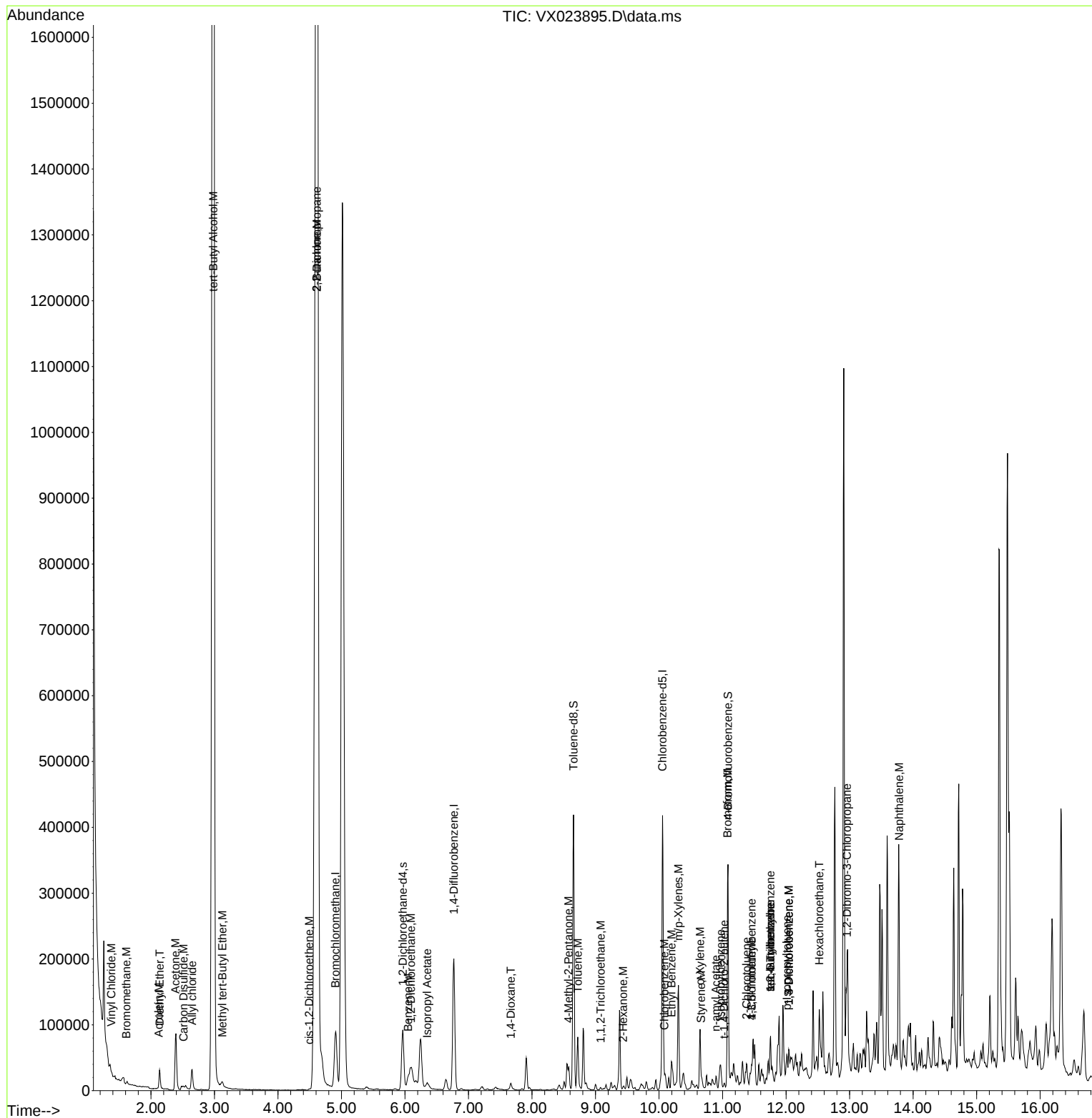
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,2-Dibromo-3-Chloropr...	12.957	75	546	0.701	ug/l #	9
91) Naphthalene	13.780	128	106813	10.658	ug/l	99

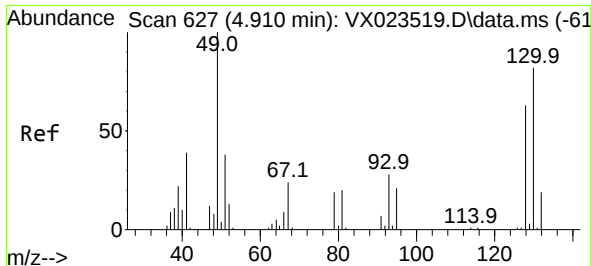
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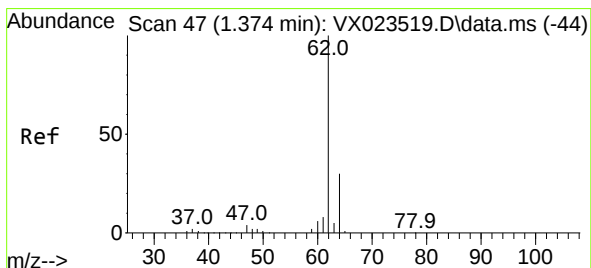
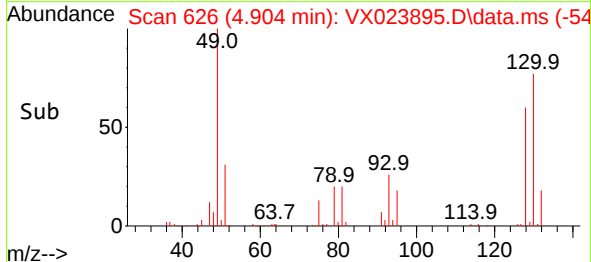
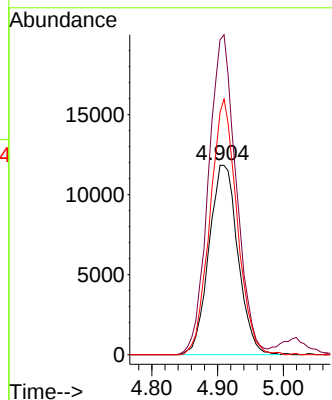
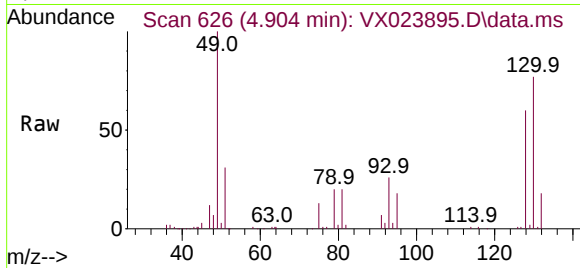




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

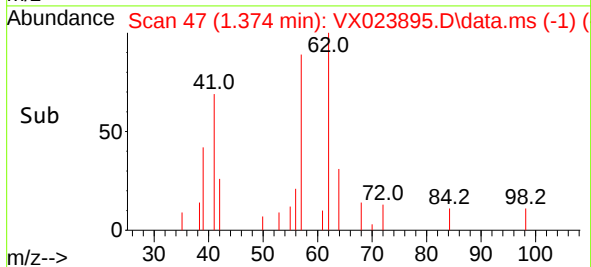
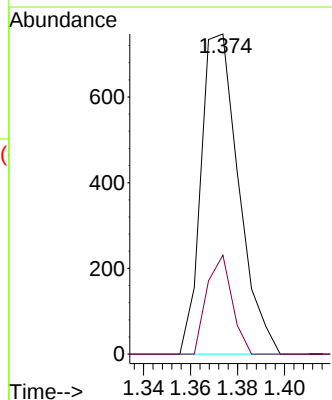
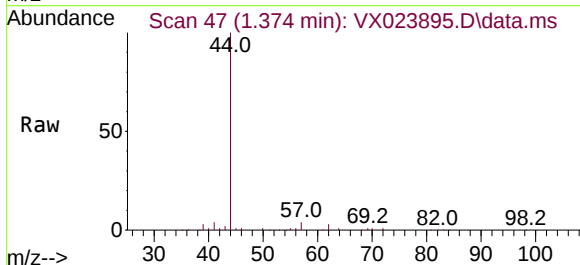
Instrument :
MSVOA_X
ClientSampleId :
210818092-02-VOA

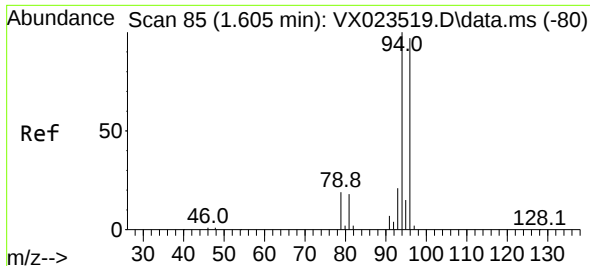
Tgt Ion:128 Resp: 36219
Ion Ratio Lower Upper
128 100
49 162.3 0.0 402.5
130 126.0 0.0 326.5



#4
Vinyl Chloride
Concen: 0.345 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion: 62 Resp: 834
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.4

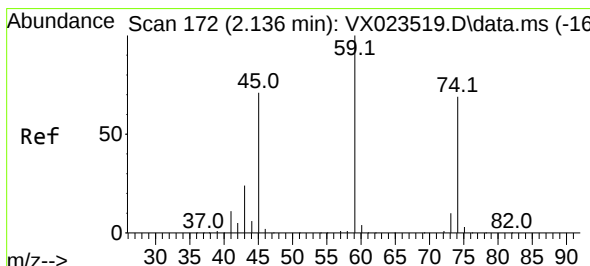
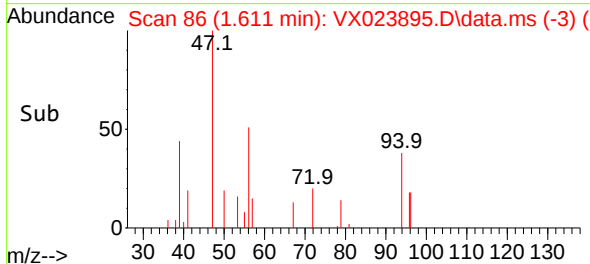
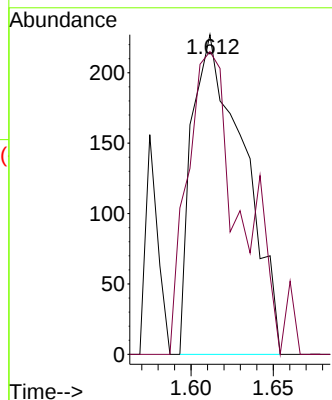
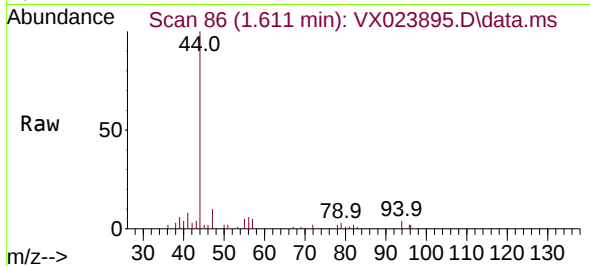




#5
Bromomethane
Concen: 0.353 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

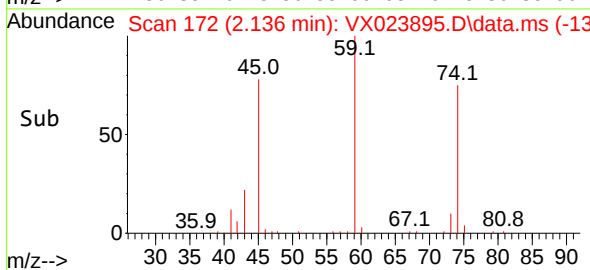
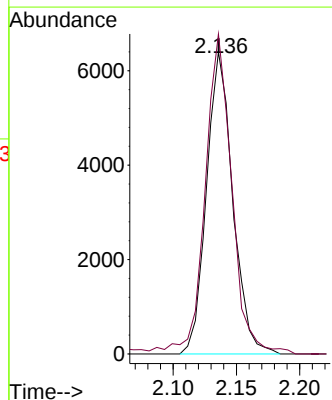
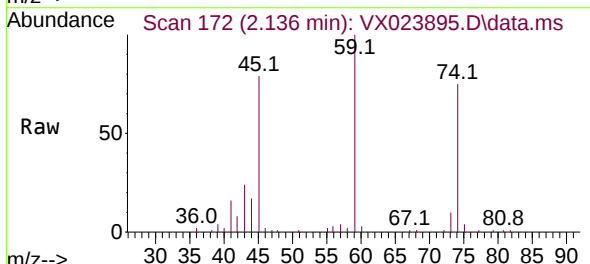
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ClientSampleId :
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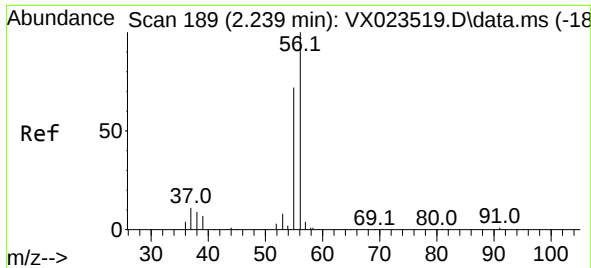
Tgt Ion: 94 Resp: 500
Ion Ratio Lower Upper
94 100
96 94.7 72.8 109.2



#8
Diethyl Ether
Concen: 6.648 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion: 74 Resp: 9242
Ion Ratio Lower Upper
74 100
45 105.3 19.9 179.1

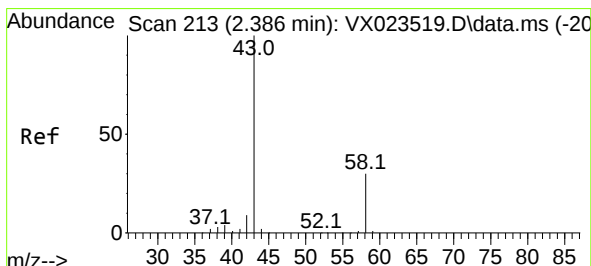
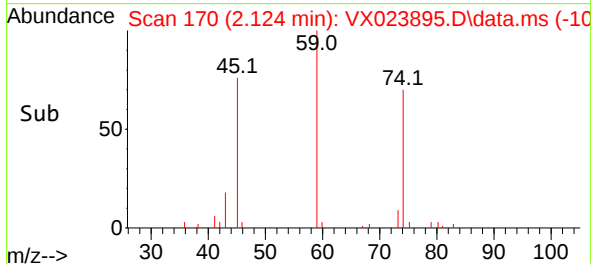
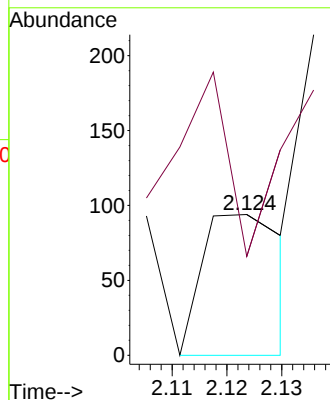
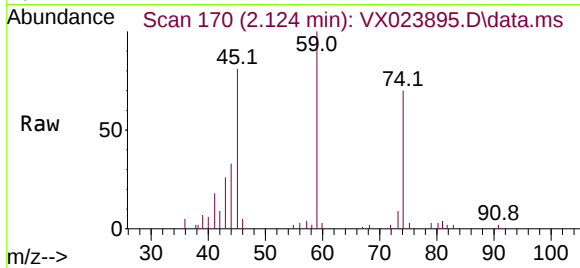




#13
Acrolein
Concen: 0.284 ug/l
RT: 2.124 min Scan# 170
Delta R.T. -0.116 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

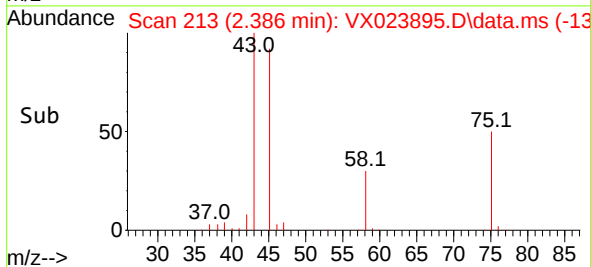
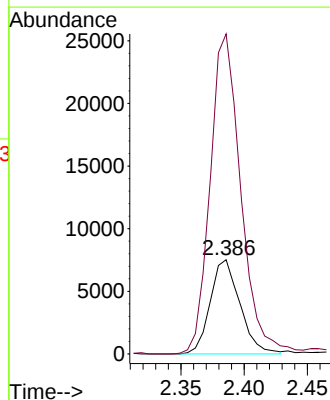
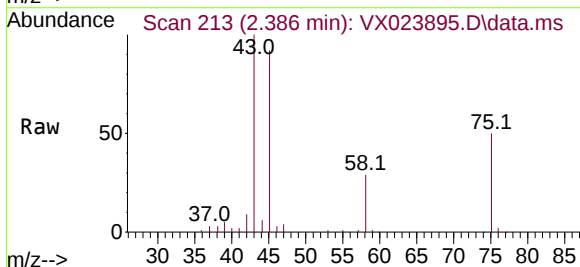
Instrument :
MSVOA_X
ClientSampleId :
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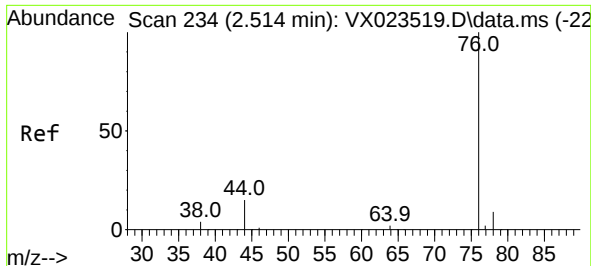
Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 73.5 59.5 89.3



#15
Acetone
Concen: 29.306 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion: 58 Resp: 12296
Ion Ratio Lower Upper
58 100
43 338.5 266.6 400.0

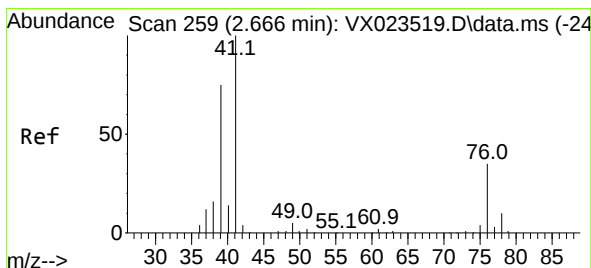
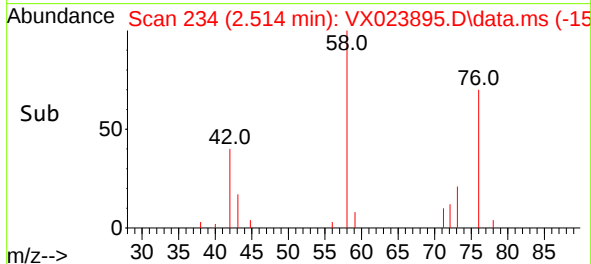
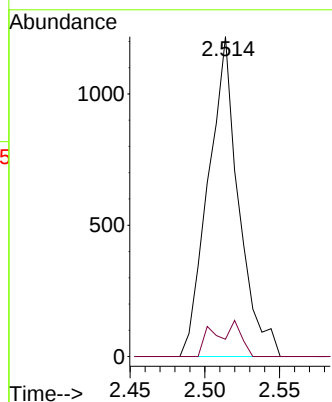
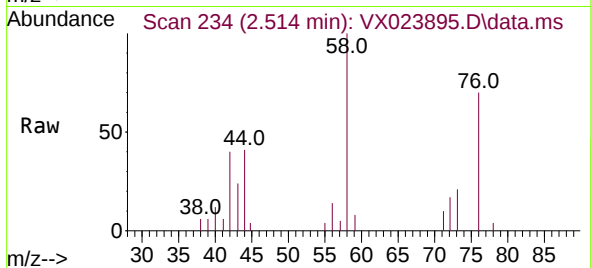




#16
Carbon Disulfide
Concen: 0.333 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

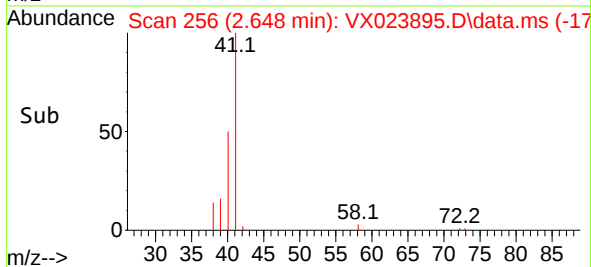
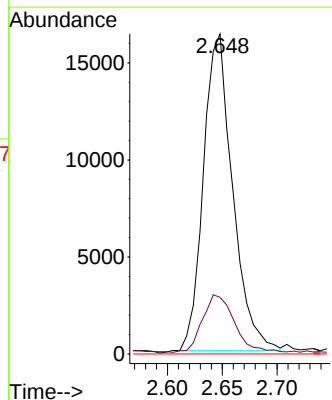
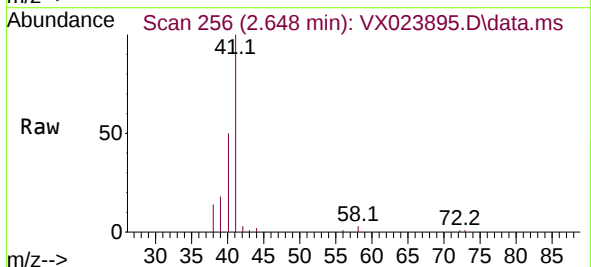
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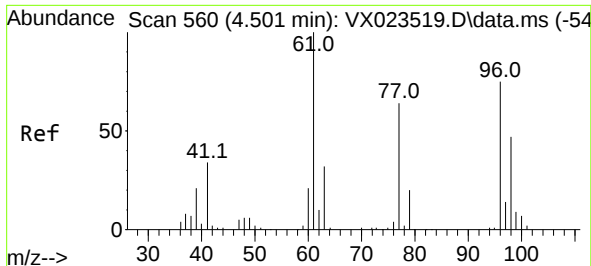
Tgt Ion: 76 Resp: 1725
Ion Ratio Lower Upper
76 100
78 5.4 7.3 10.9#



#17
Allyl chloride
Concen: 7.803 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.018 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion: 41 Resp: 30257
Ion Ratio Lower Upper
41 100
39 17.1 36.4 109.3#
76 0.0 16.6 49.7#





#22

cis-1,2-Dichloroethene

Concen: 0.212 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.012 min

Lab File: VX023895.D

Acq: 20 Aug 2021 22:16

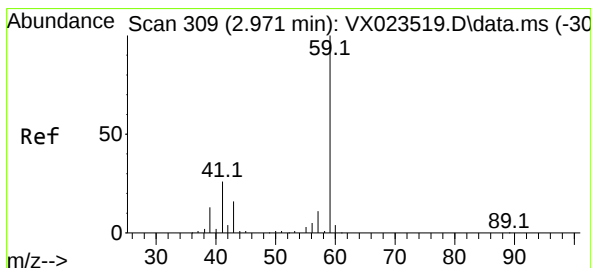
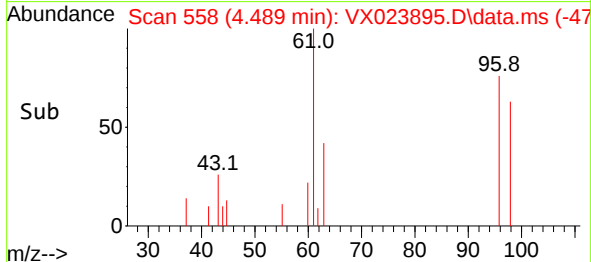
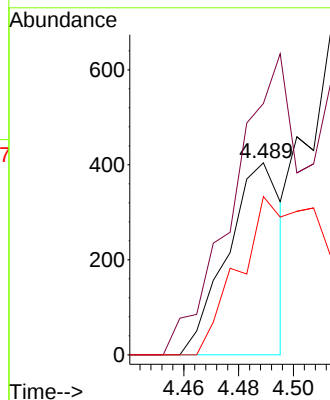
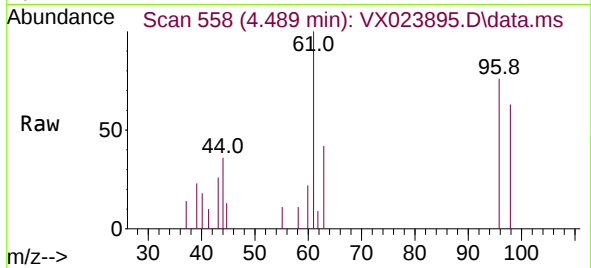
Tgt Ion: 96 Resp: 555

Ion Ratio Lower Upper

96 100

61 177.3 114.5 171.7#

98 68.8 51.3 76.9



#23

tert-Butyl Alcohol

Concen: 7478.667 ug/l

RT: 2.983 min Scan# 311

Delta R.T. 0.012 min

Lab File: VX023895.D

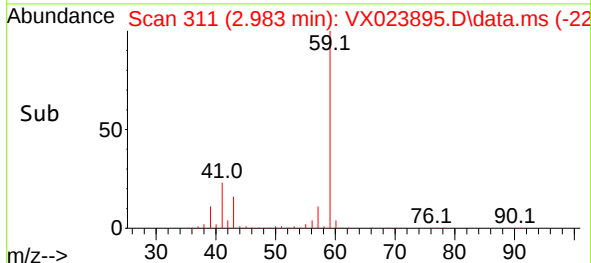
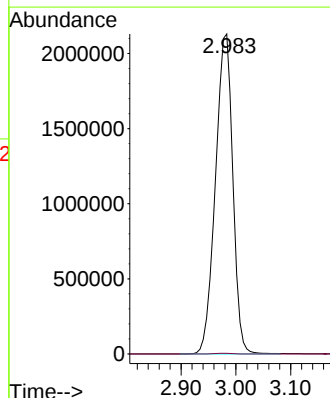
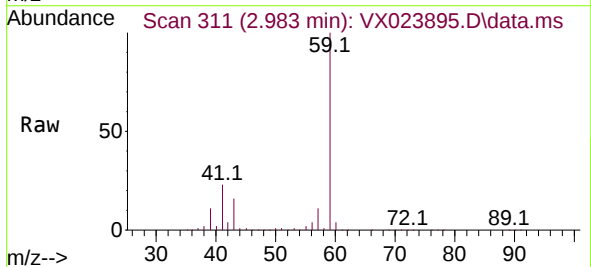
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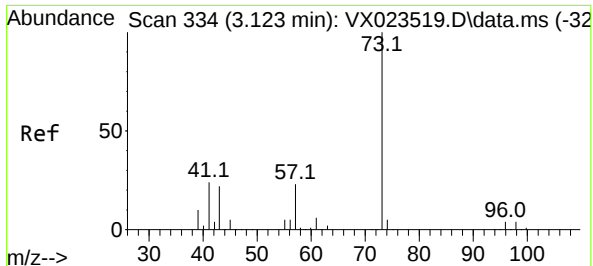
Tgt Ion: 59 Resp: 4698318

Ion Ratio Lower Upper

59 100

52 0.2 0.1 0.1#

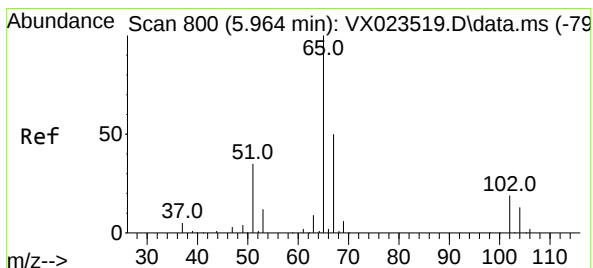
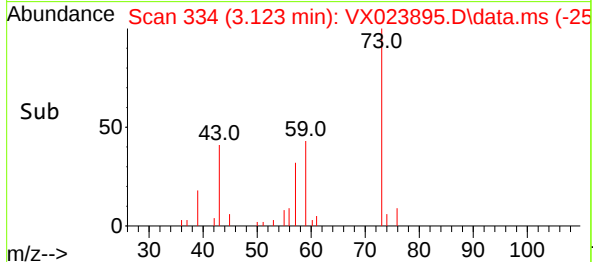
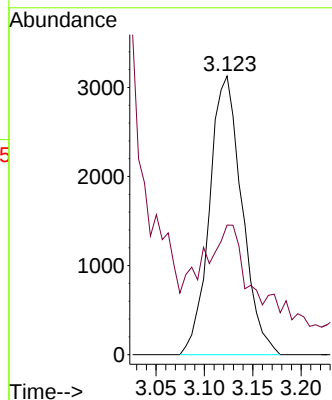
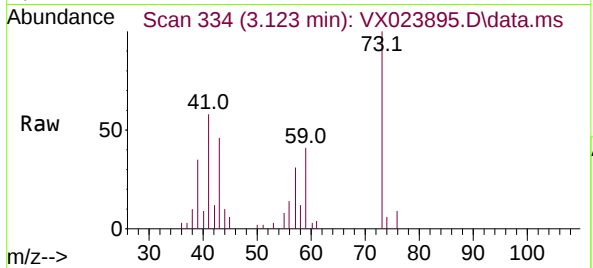




#24
Methyl tert-Butyl Ether
Concen: 0.989 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

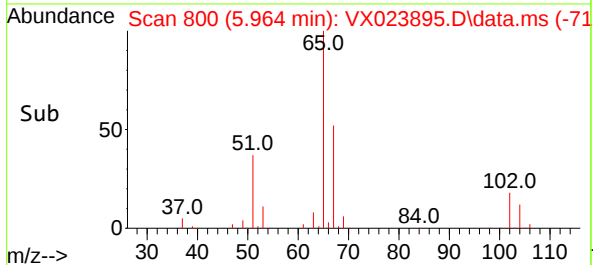
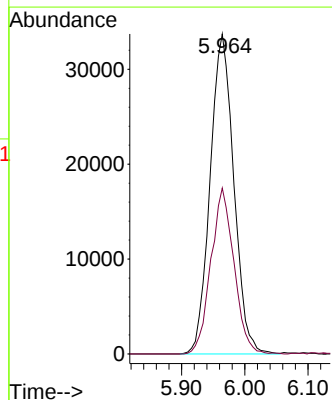
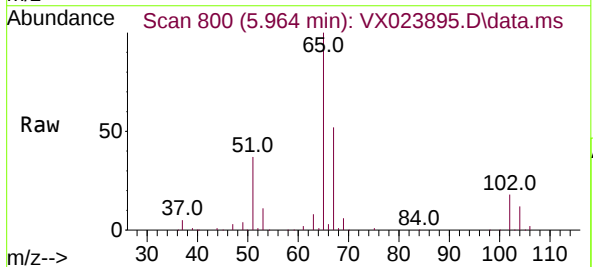
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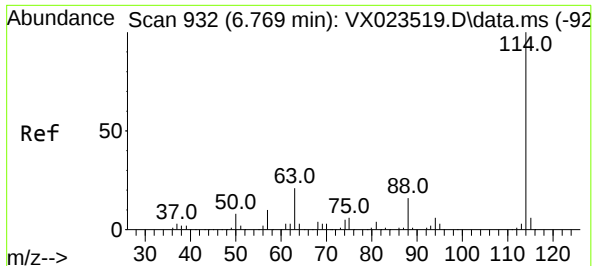
Tgt Ion: 73 Resp: 7281
Ion Ratio Lower Upper
73 100
43 33.9 17.9 26.9#



#27
1,2-Dichloroethane-d4
Concen: 31.267 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion: 65 Resp: 87579
Ion Ratio Lower Upper
65 100
67 50.5 42.4 63.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX023895.D

Acq: 20 Aug 2021 22:16

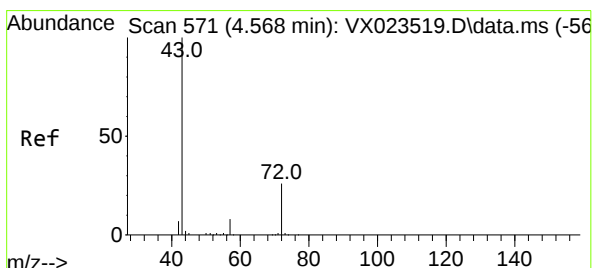
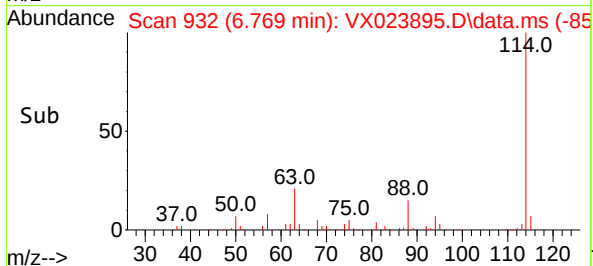
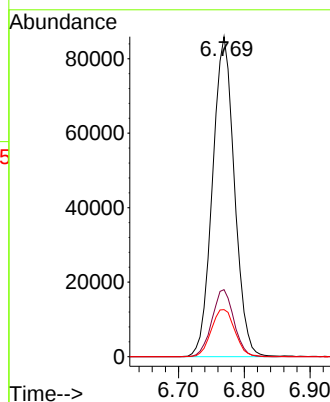
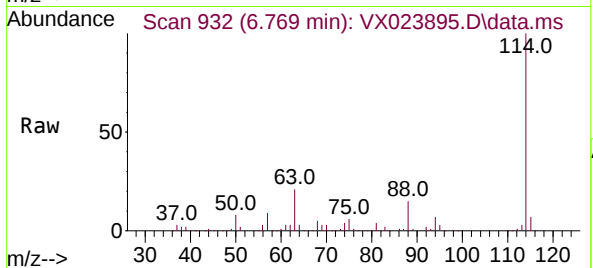
Tgt Ion:114 Resp: 199529

Ion Ratio Lower Upper

114 100

63 20.9 16.4 24.6

88 15.8 12.7 19.1



#30

2-Butanone

Concen: 83.033 ug/l

RT: 4.611 min Scan# 578

Delta R.T. 0.043 min

Lab File: VX023895.D

Acq: 20 Aug 2021 22:16

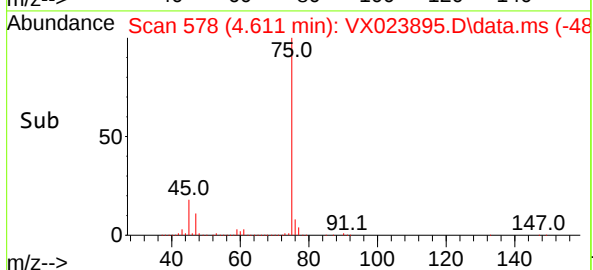
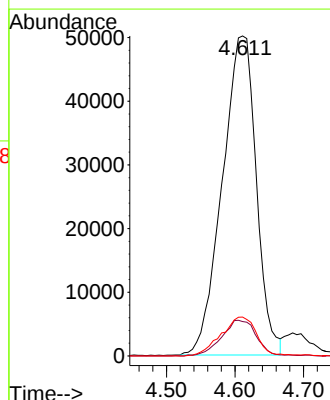
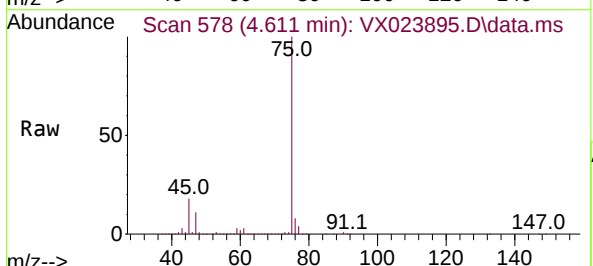
Tgt Ion: 43 Resp: 172964

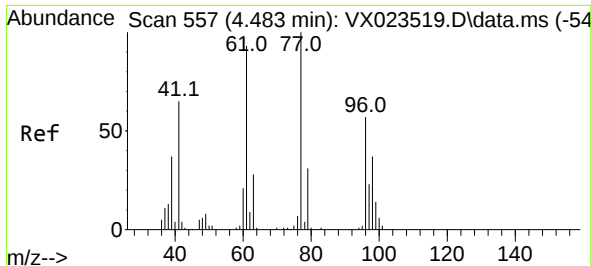
Ion Ratio Lower Upper

43 100

57 11.3 6.6 9.8#

72 12.8 21.0 31.4#

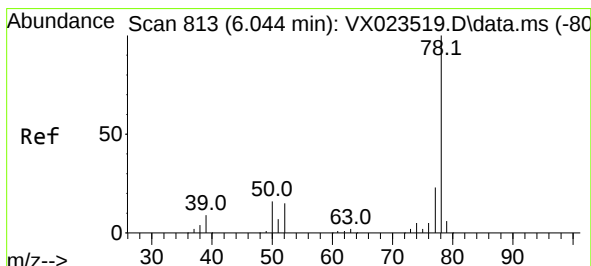
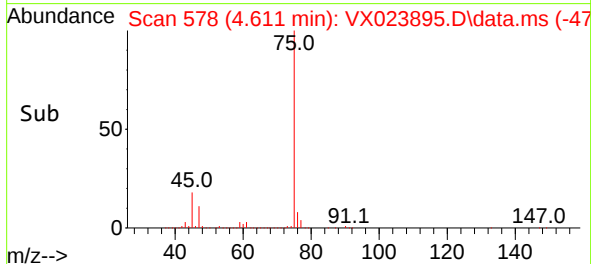
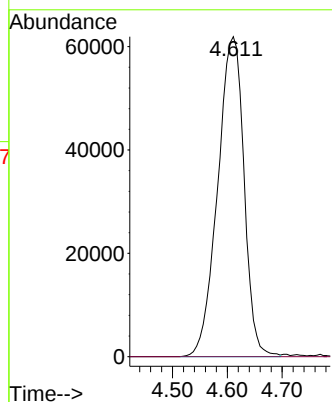
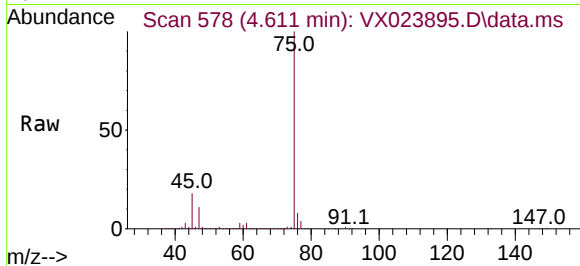




#31
2,2-Dichloropropane
Concen: 58.870 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.128 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

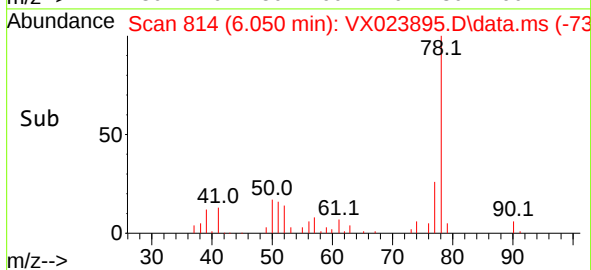
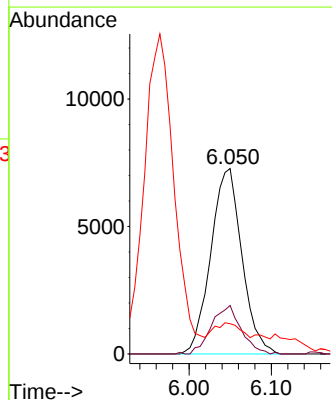
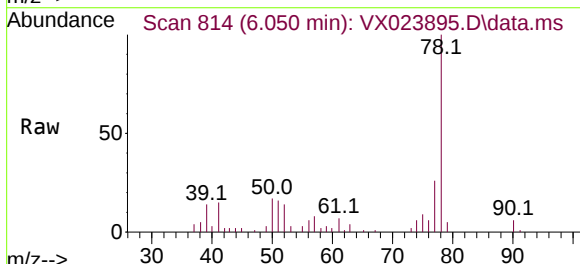
Instrument :
MSVOA_X
ClientSampleId :
210818092-02-VOA

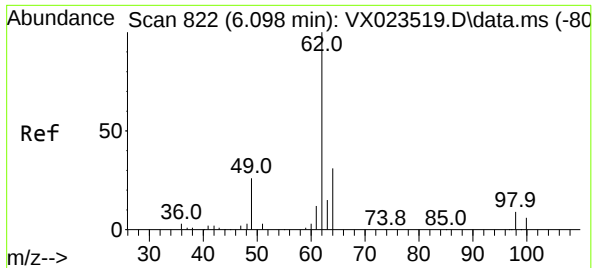
Tgt Ion: 77 Resp: 206815
Ion Ratio Lower Upper
77 100
97 0.0 19.8 29.8#



#34
Benzene
Concen: 2.045 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion: 78 Resp: 19157
Ion Ratio Lower Upper
78 100
77 26.1 19.3 28.9
51 7.6 12.2 18.4#

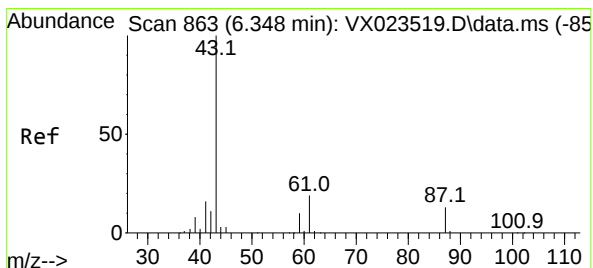
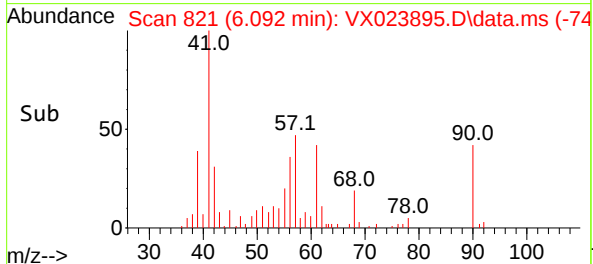
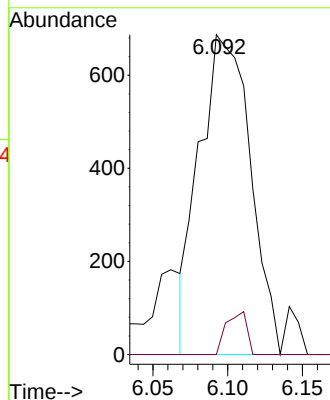
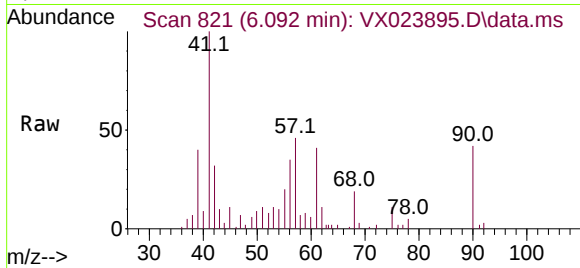




#36
1,2-Dichloroethane
Concen: 0.455 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

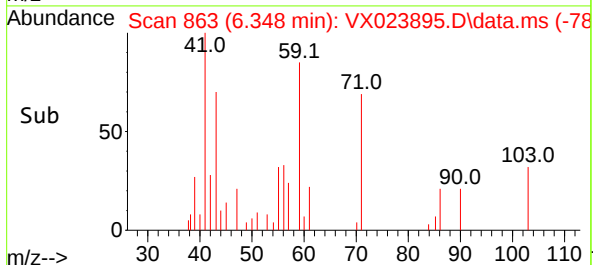
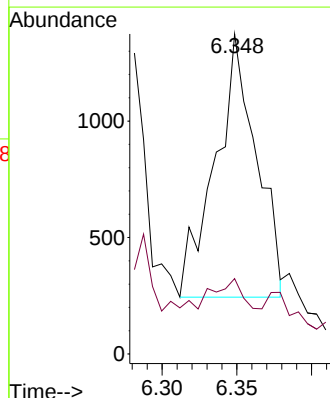
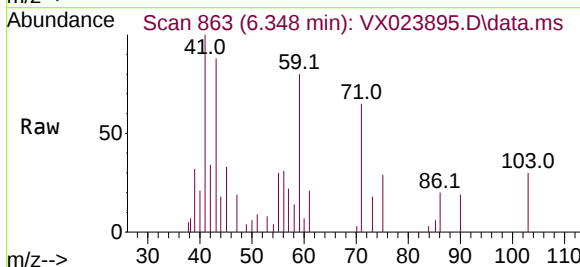
Instrument :
MSVOA_X
ClientSampleId :
210818092-02-VOA

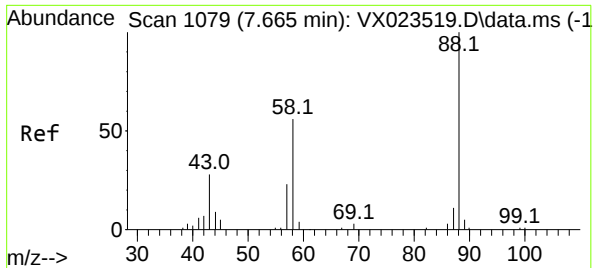
Tgt Ion: 62 Resp: 1628
Ion Ratio Lower Upper
62 100
98 5.3 7.0 10.4#



#44
Isopropyl Acetate
Concen: 0.351 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion: 43 Resp: 2159
Ion Ratio Lower Upper
43 100
61 20.9 15.4 23.2

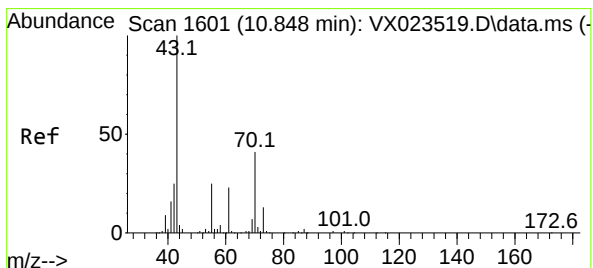
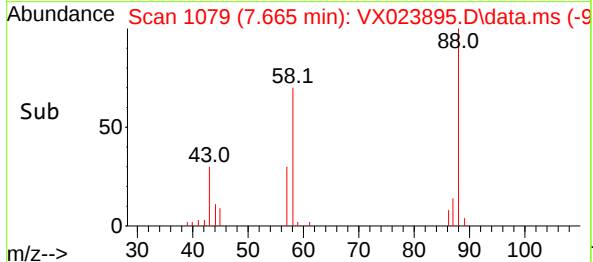
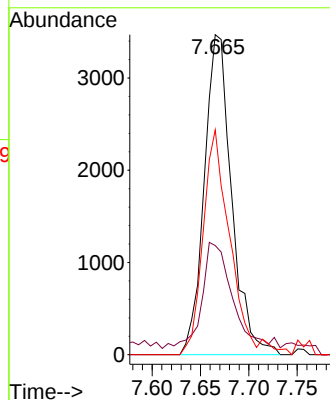
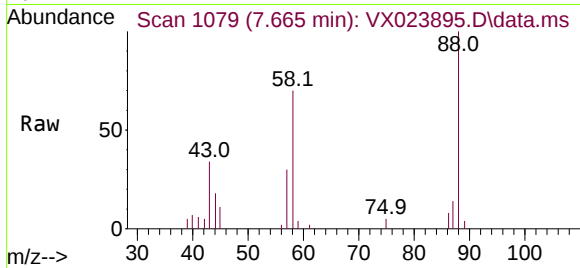




#45
1,4-Dioxane
Concen: 107.027 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

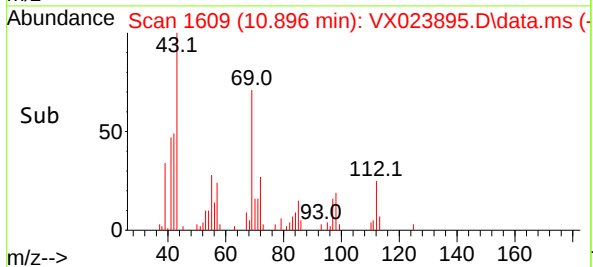
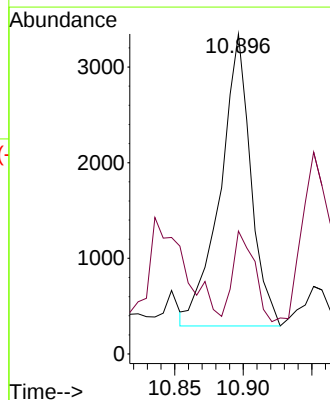
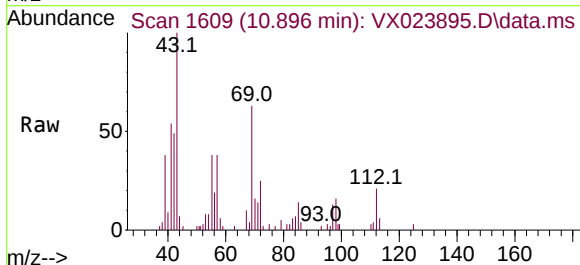
Instrument :
MSVOA_X
ClientSampleId :
210818092-02-VOA

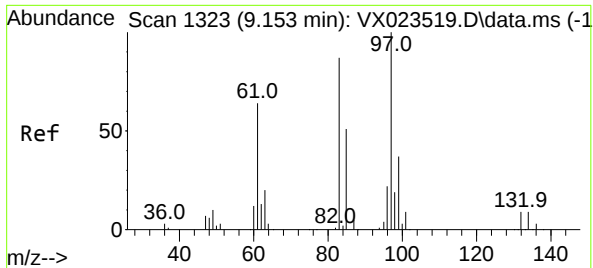
Tgt Ion: 88	Resp: 6832
Ion Ratio	Lower Upper
88 100	
43 36.2	25.3 37.9
58 66.9	53.1 79.7



#47
n-amy1 Acetate
Concen: 0.903 ug/l
RT: 10.896 min Scan# 1609
Delta R.T. 0.049 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion: 43	Resp: 4728
Ion Ratio	Lower Upper
43 100	
55 20.3	18.9 28.3

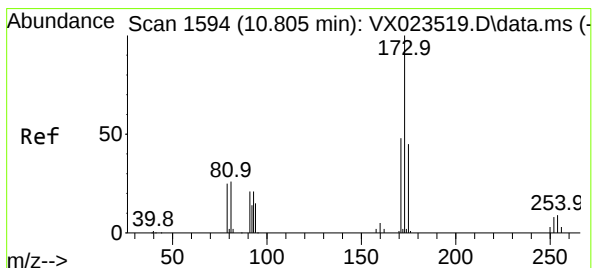
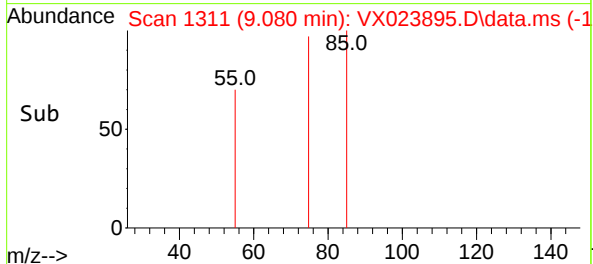
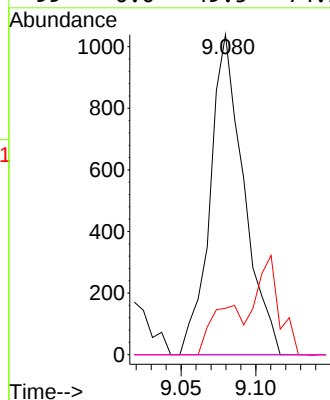
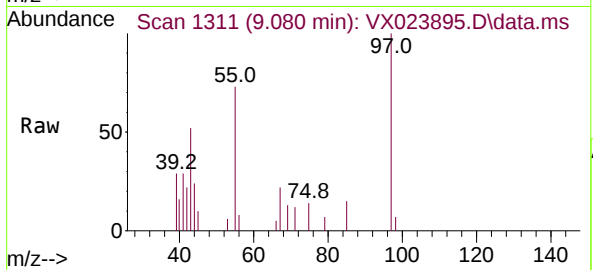




#50
1,1,2-Trichloroethane
Concen: 0.648 ug/l
RT: 9.080 min Scan# 1311
Delta R.T. -0.073 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

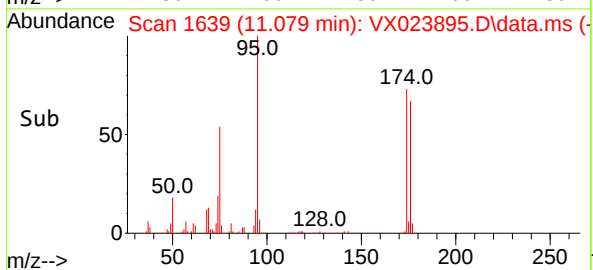
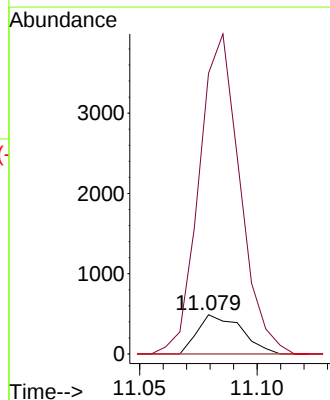
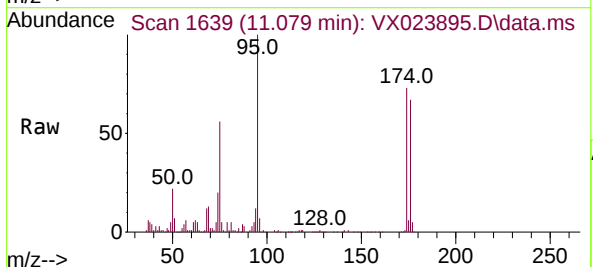
Instrument :
MSVOA_X
ClientSampleId :
210818092-02-VOA

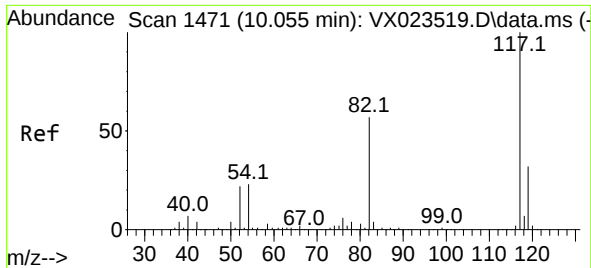
Tgt Ion:	97	Resp:	1627
Ion	Ratio	Lower	Upper
97	100		
83	0.0	64.2	96.4#
85	14.5	42.4	63.6#
99	0.0	49.5	74.3#



#56
Bromoform
Concen: 0.352 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.274 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion:	173	Resp:	637
Ion	Ratio	Lower	Upper
173	100		
175	756.5	38.4	57.6#
254	0.0	7.3	10.9#

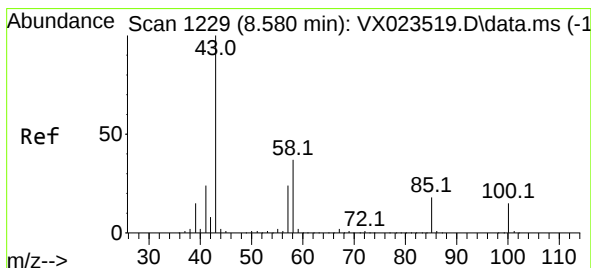
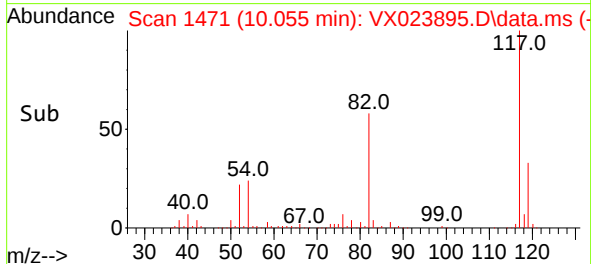
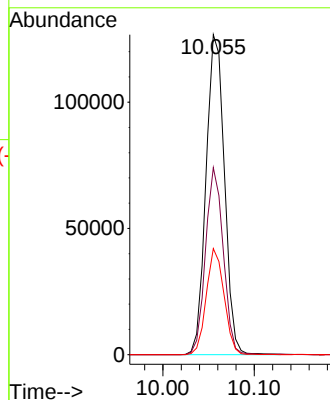
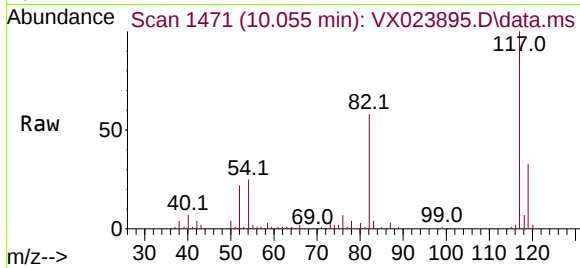




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

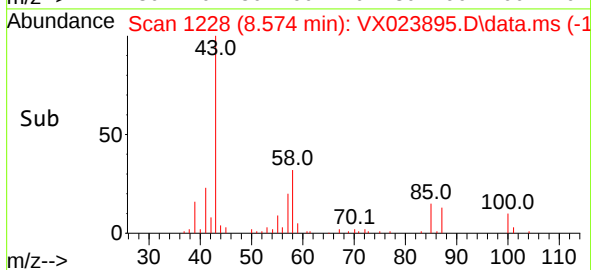
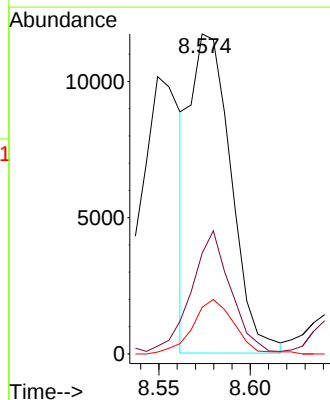
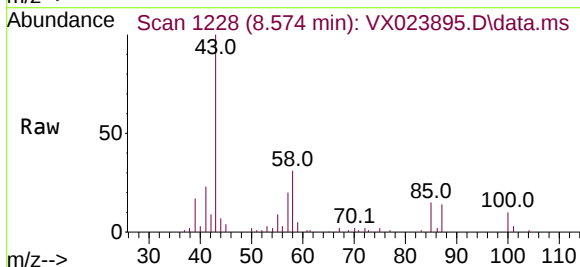
Instrument :
MSVOA_X
ClientSampleId :
210818092-02-VOA

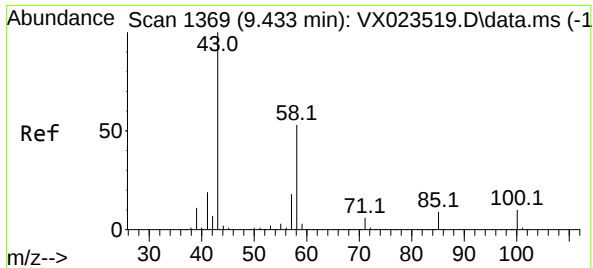
Tgt Ion:117 Resp: 177111
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 32.0 26.2 39.2



#58
4-Methyl-2-Pentanone
Concen: 4.770 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion: 43 Resp: 18214
Ion Ratio Lower Upper
43 100
58 38.4 30.5 45.7
85 17.2 14.0 21.0

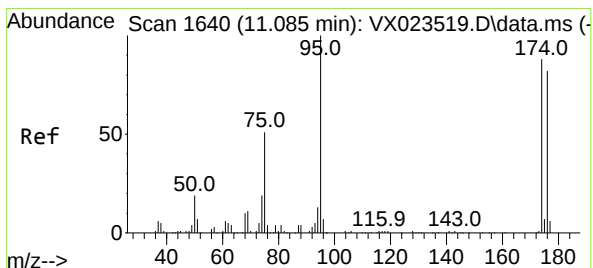
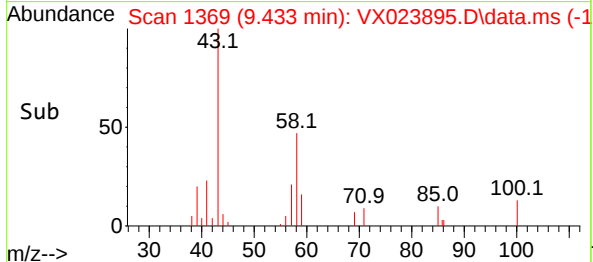
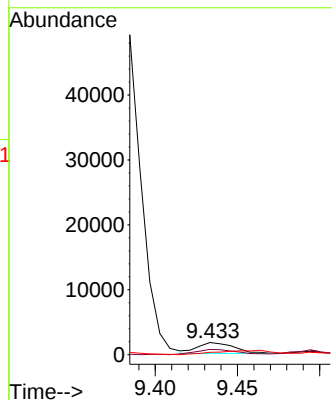
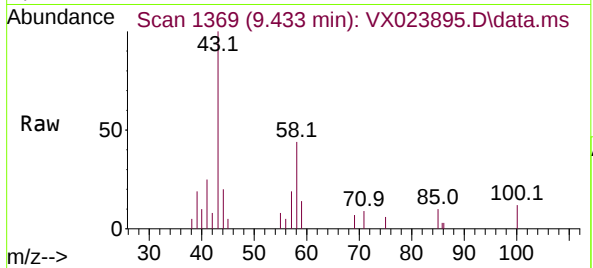




#59
2-Hexanone
Concen: 0.863 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

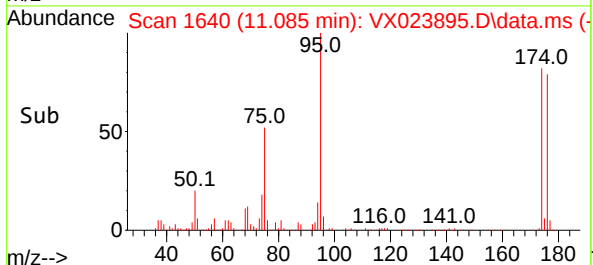
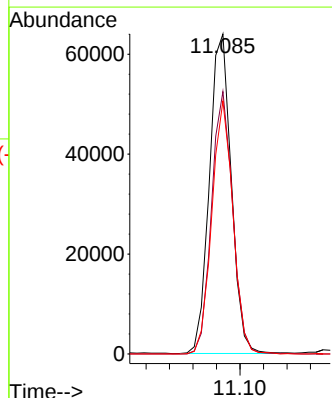
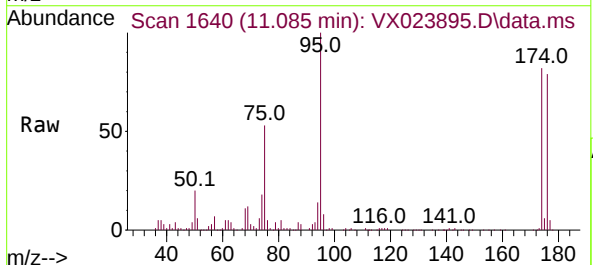
Instrument :
MSVOA_X
ClientSampleId :
210818092-02-VOA

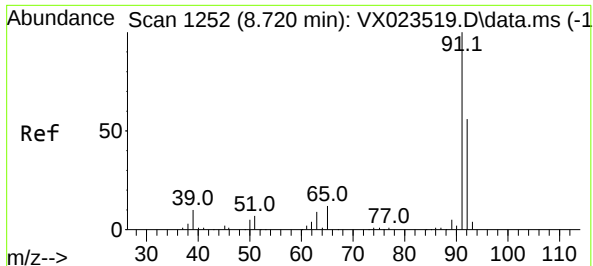
Tgt Ion: 43	Resp:	2560
Ion	Ratio	Lower Upper
43	100	
58	57.1	42.1 63.1
57	39.6	14.9 22.3#



#60
4-Bromofluorobenzene
Concen: 28.367 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion: 95	Resp:	82291
Ion	Ratio	Lower Upper
95	100	
174	79.7	63.5 95.3
176	76.3	63.0 94.4

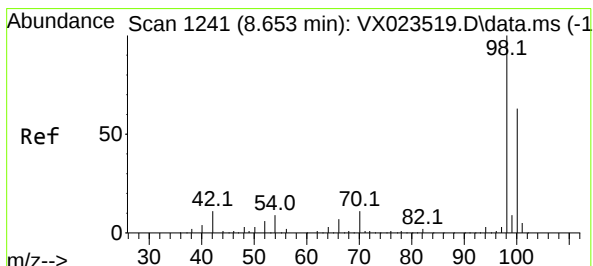
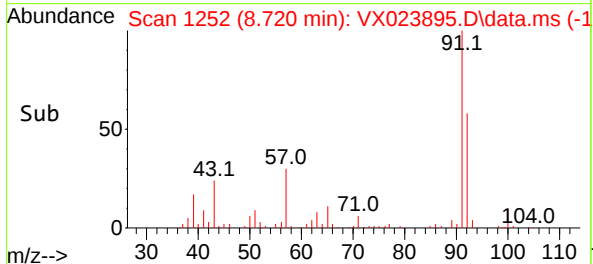
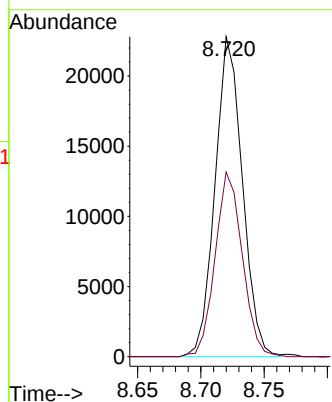
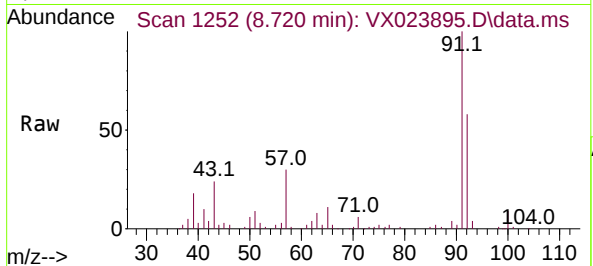




#62
Toluene
Concen: 3.429 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

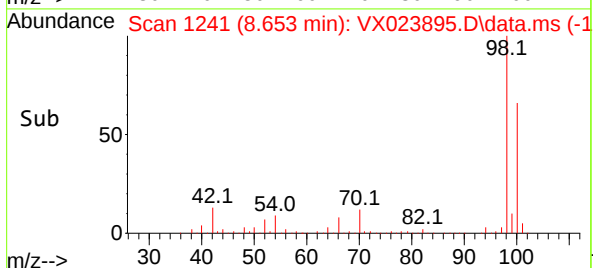
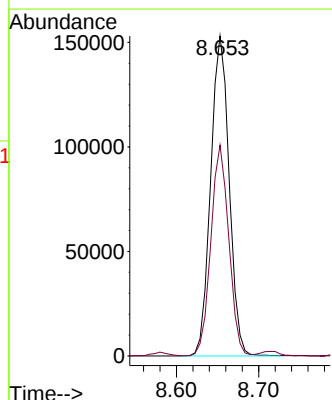
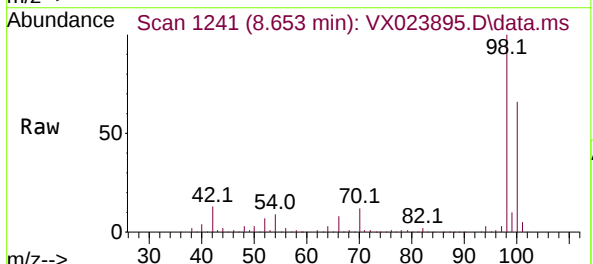
Instrument :
MSVOA_X
ClientSampleId :
210818092-02-VOA

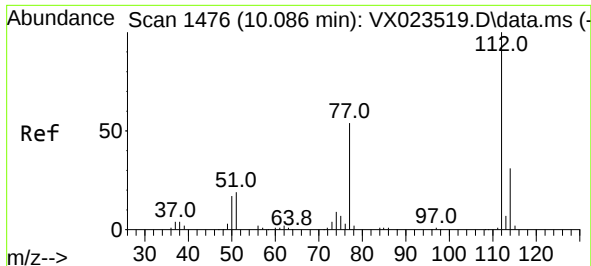
Tgt Ion: 91 Resp: 34265
Ion Ratio Lower Upper
91 100
92 57.3 46.5 69.7



#63
Toluene-d8
Concen: 29.975 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion: 98 Resp: 238930
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0

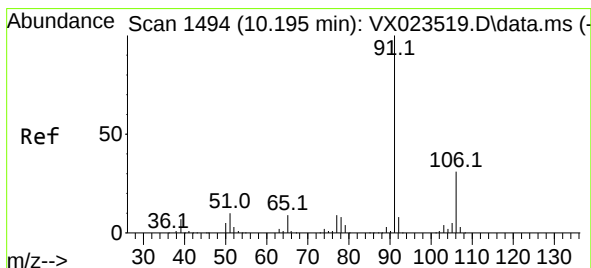
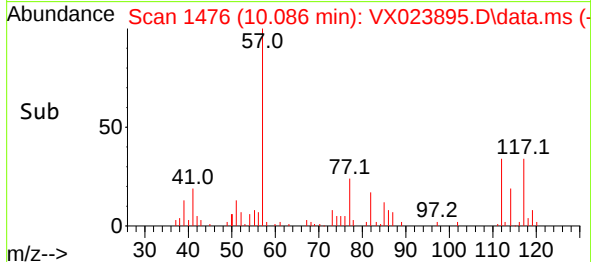
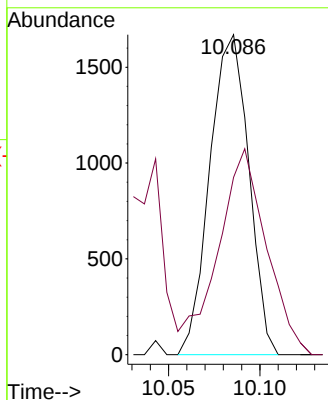
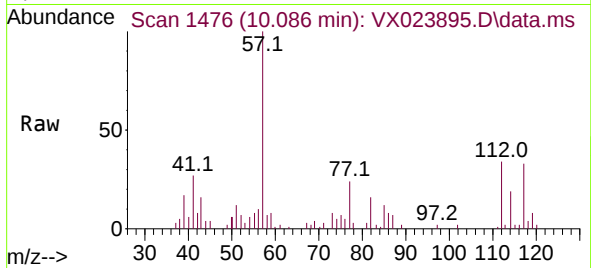




#64
Chlorobenzene
Concen: 0.392 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

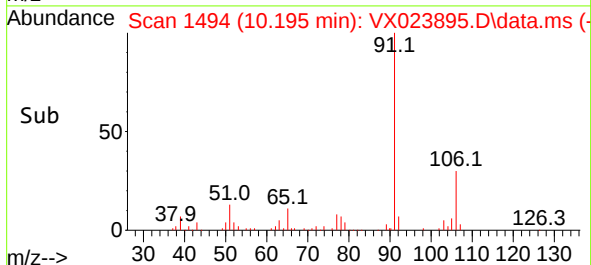
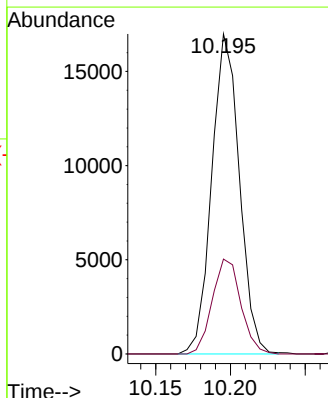
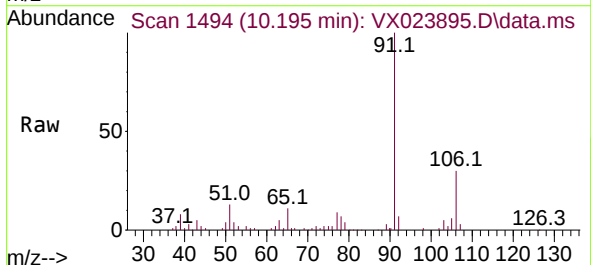
Instrument :
MSVOA_X
ClientSampleId :
210818092-02-VOA

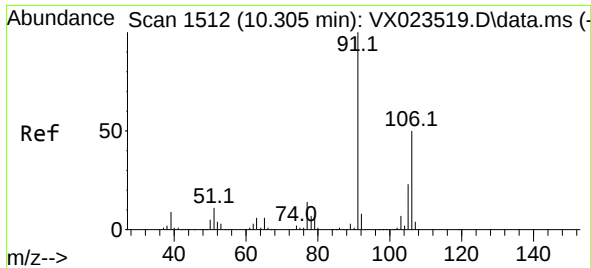
Tgt Ion:112 Resp: 2479
Ion Ratio Lower Upper
112 100
114 48.1 26.0 39.0#



#66
Ethyl Benzene
Concen: 1.976 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion: 91 Resp: 21844
Ion Ratio Lower Upper
91 100
106 29.6 24.7 37.1

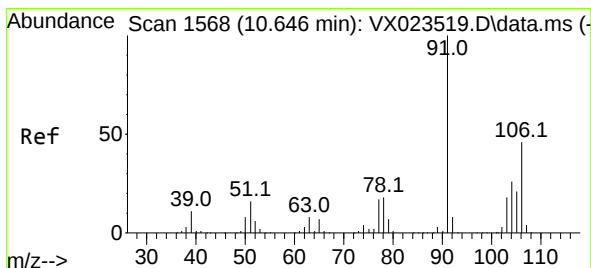
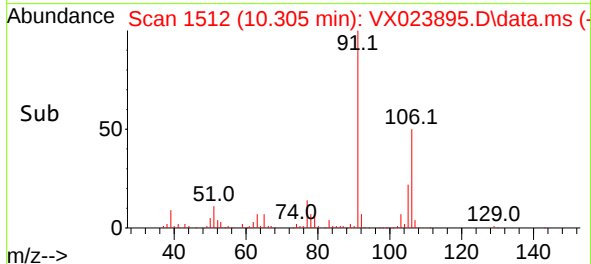
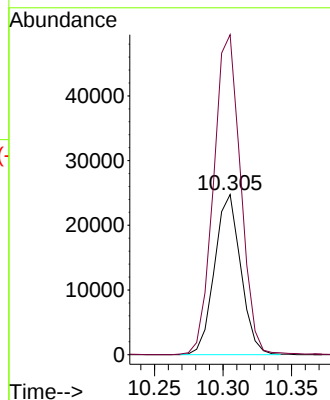
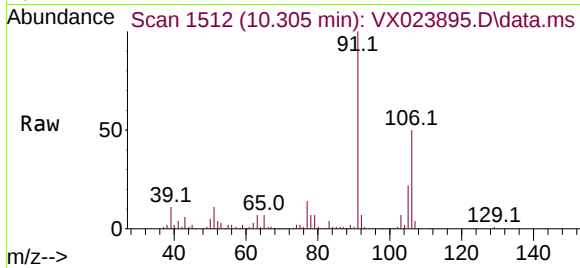




#67
m/p-Xylenes
Concen: 7.706 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

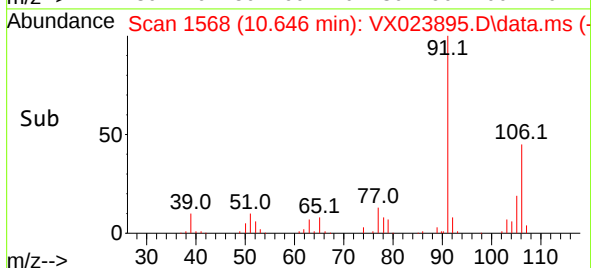
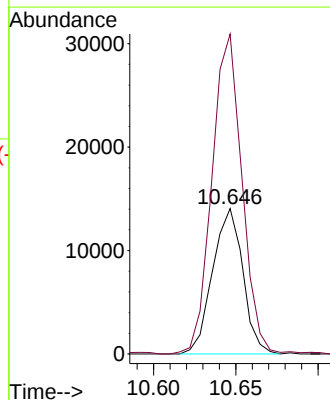
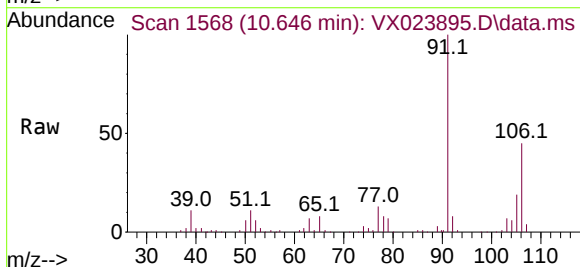
Instrument :
MSVOA_X
ClientSampleId :
210818092-02-VOA

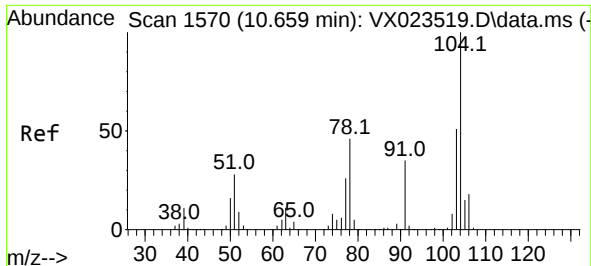
Tgt Ion:106 Resp: 32951
Ion Ratio Lower Upper
106 100
91 205.5 162.4 243.6



#68
o-Xylene
Concen: 4.269 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion:106 Resp: 17998
Ion Ratio Lower Upper
106 100
91 218.0 107.3 321.8

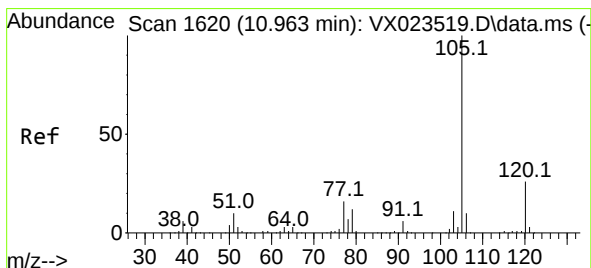
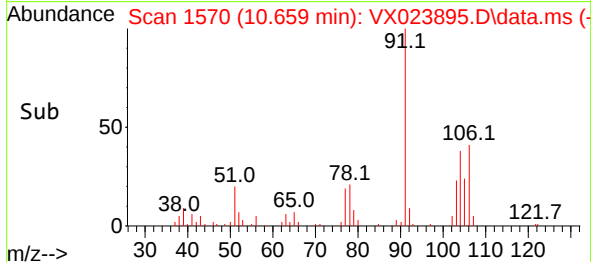
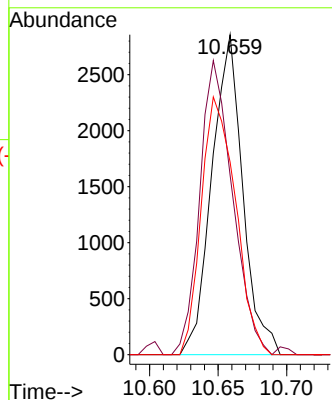
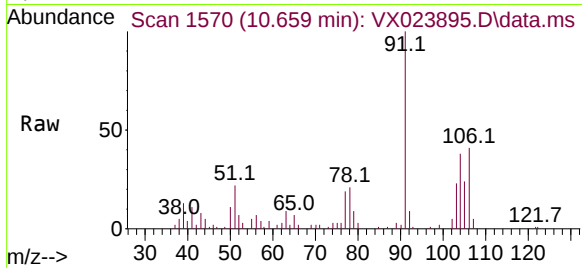




#69
Styrene
Concen: 0.645 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

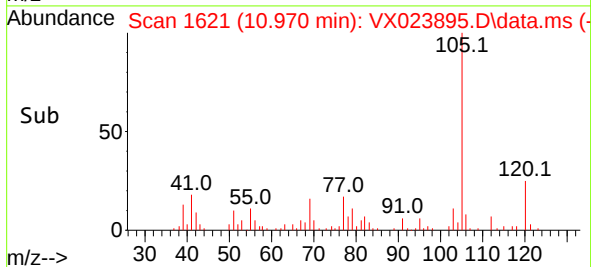
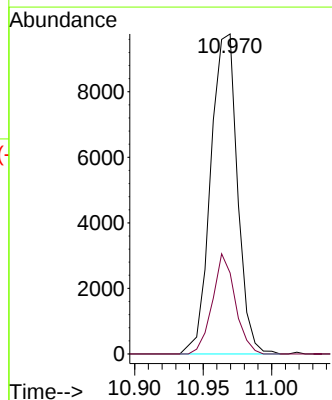
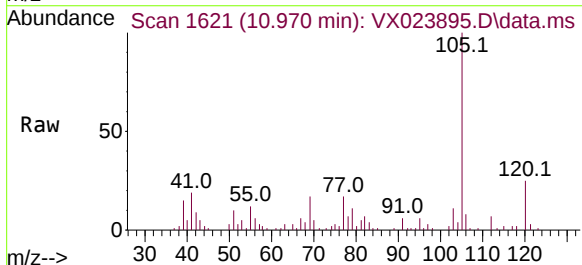
Instrument :
MSVOA_X
ClientSampleId :
210818092-02-VOA

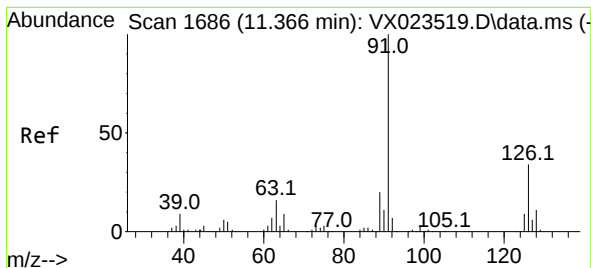
Tgt Ion:104 Resp: 4483
Ion Ratio Lower Upper
104 100
78 97.5 41.4 62.0#
103 89.1 44.2 66.4#



#70
Isopropylbenzene
Concen: 1.194 ug/l
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion:105 Resp: 13231
Ion Ratio Lower Upper
105 100
120 26.6 18.7 34.7

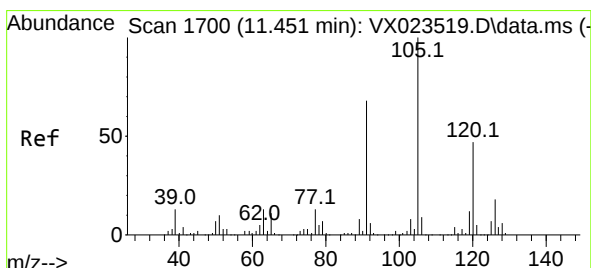
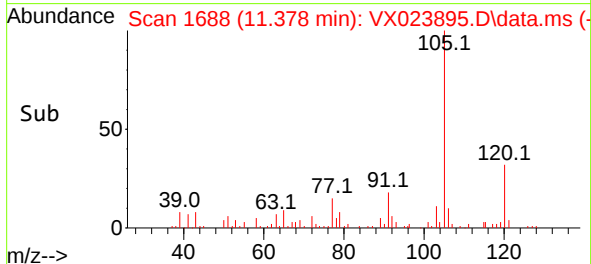
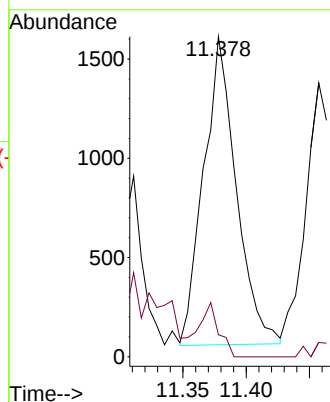
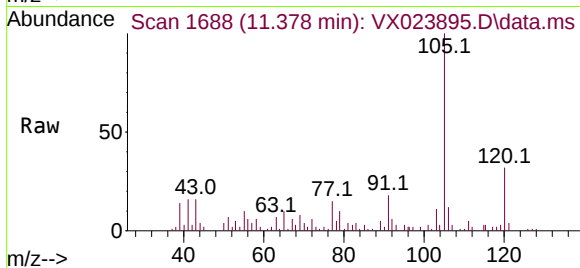




#75
2-Chlorotoluene
Concen: 0.364 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

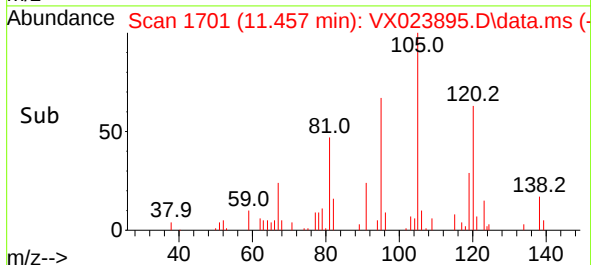
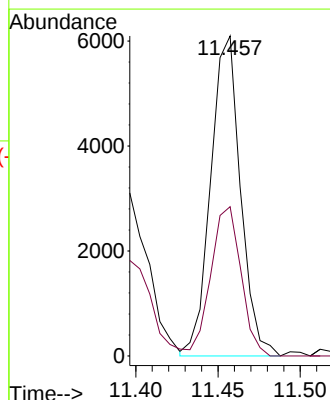
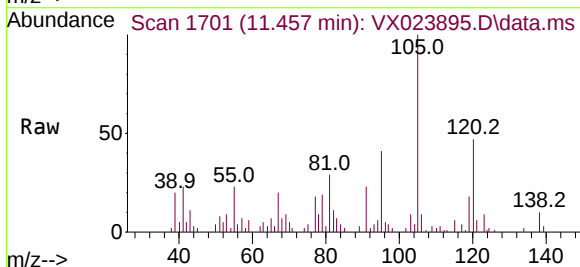
Instrument :
MSVOA_X
ClientSampleId :
210818092-02-VOA

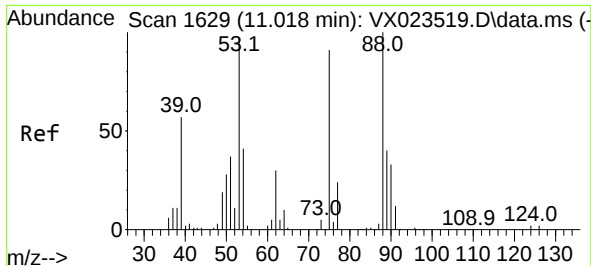
Tgt Ion: 91 Resp: 2788
Ion Ratio Lower Upper
91 100
126 11.6 0.0 69.0



#76
1,3,5-Trimethylbenzene
Concen: 0.837 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion: 105 Resp: 7697
Ion Ratio Lower Upper
105 100
120 46.8 0.0 98.0

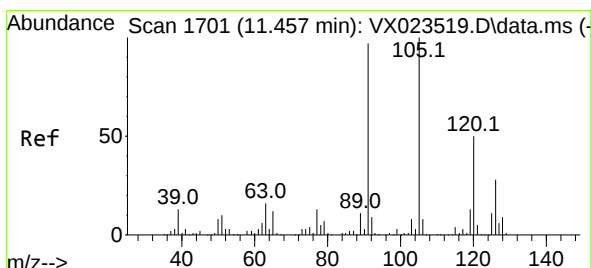
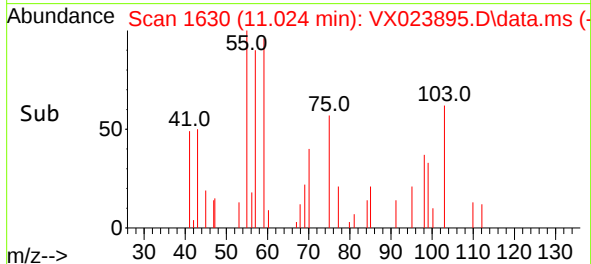
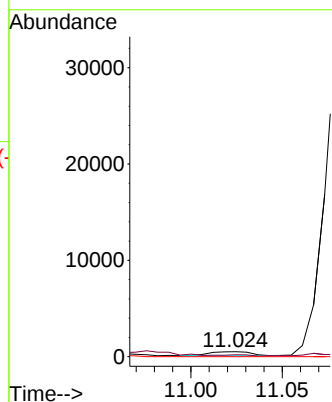
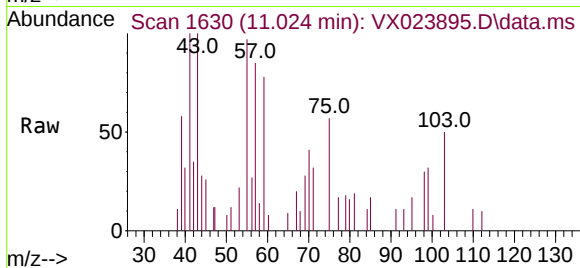




#77
t-1,4-Dichloro-2-butene
Concen: 0.565 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

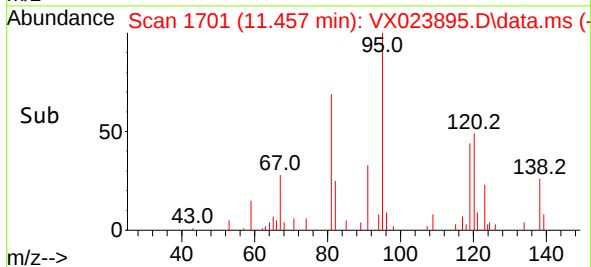
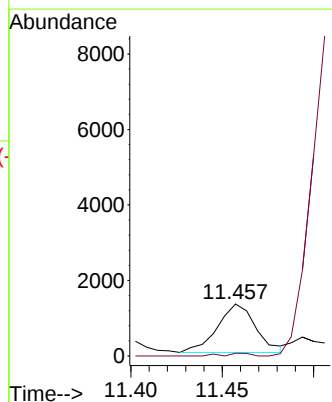
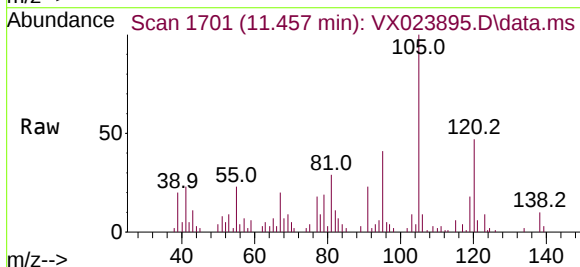
Instrument :
MSVOA_X
ClientSampleId :
210818092-02-VOA

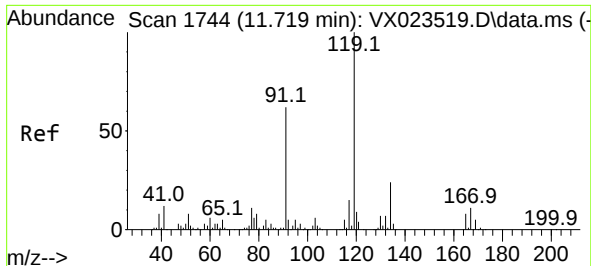
Tgt Ion: 75 Resp: 672
Ion Ratio Lower Upper
75 100
53 23.1 53.9 161.7#
89 0.0 22.9 68.7#



#78
4-Chlorotoluene
Concen: 0.217 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion: 91 Resp: 1875
Ion Ratio Lower Upper
91 100
126 2.7 0.0 59.6

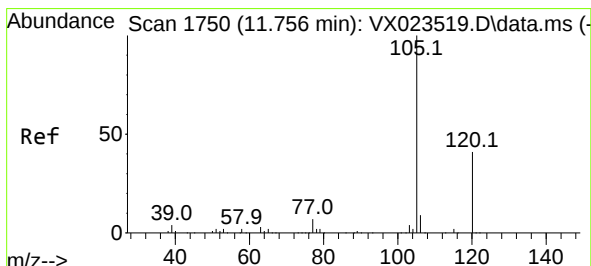
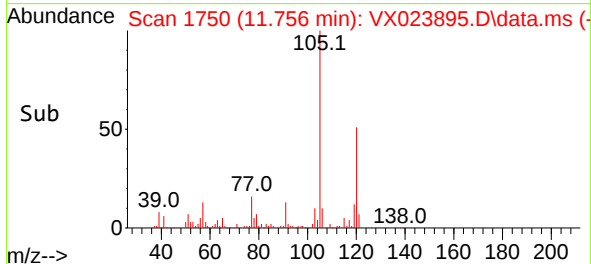
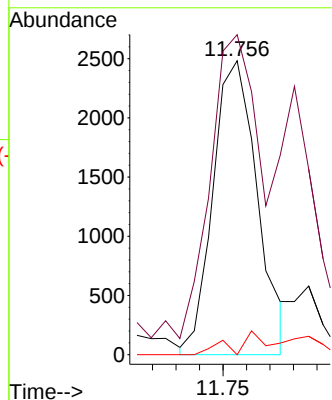
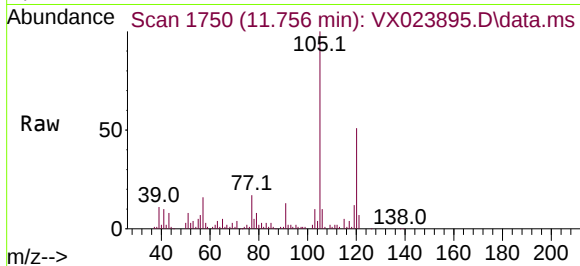




#79
tert-butylbenzene
Concen: 0.366 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.037 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

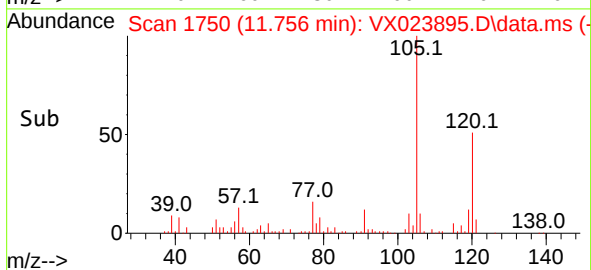
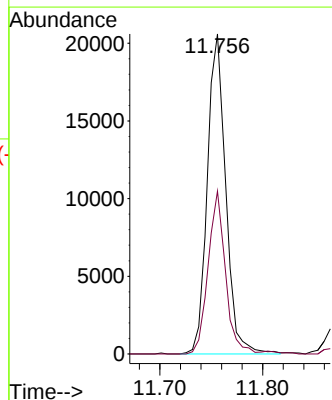
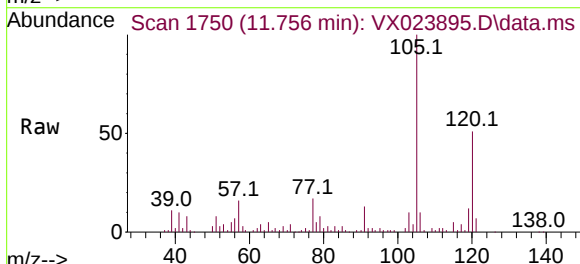
Instrument :
MSVOA_X
ClientSampleId :
210818092-02-VOA

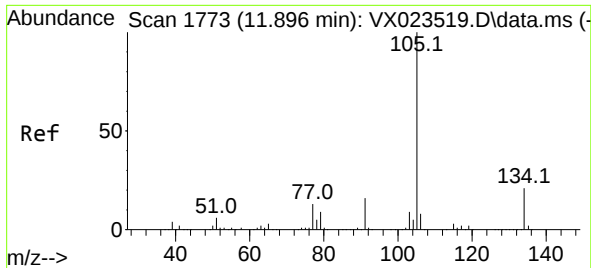
Tgt Ion:	119	Resp:	3269
Ion Ratio	Lower	Upper	
119	100		
91	110.3	0.0	121.2
134	3.1	0.0	47.4



#80
1,2,4-Trimethylbenzene
Concen: 2.819 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion:	105	Resp:	25680
Ion Ratio	Lower	Upper	
105	100		
120	47.7	0.0	90.4

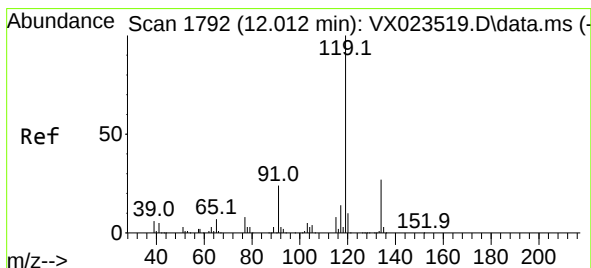
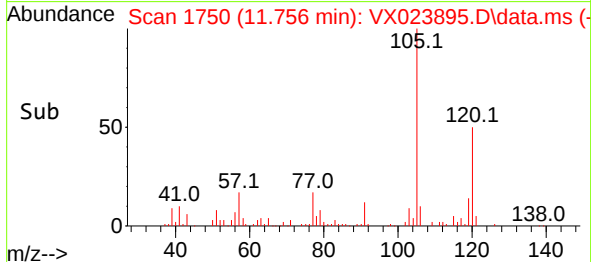
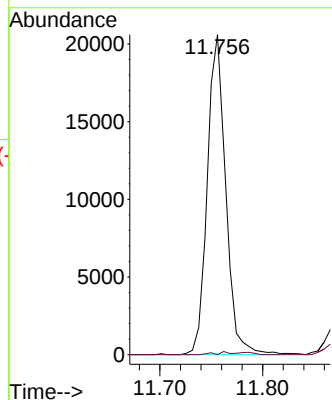
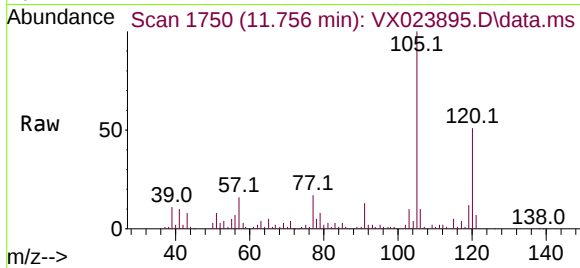




#81
 sec-Butylbenzene
 Concen: 2.245 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.140 min
 Lab File: VX023895.D
 Acq: 20 Aug 2021 22:16

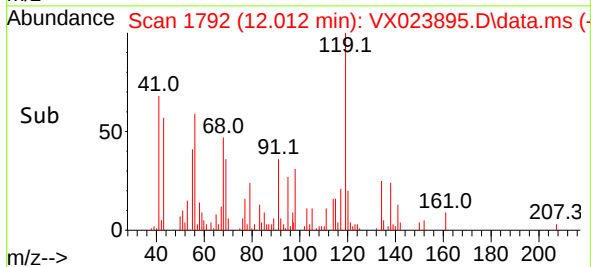
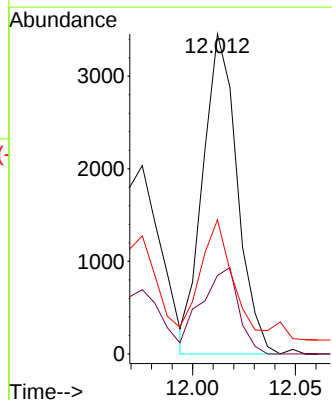
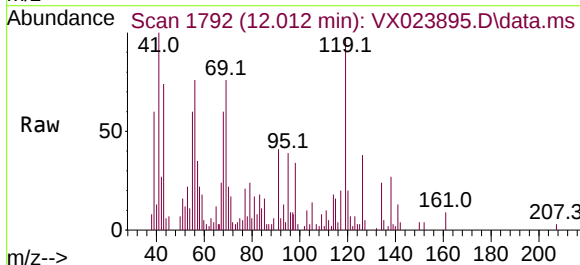
Instrument :
 MSVOA_X
 ClientSampleId :
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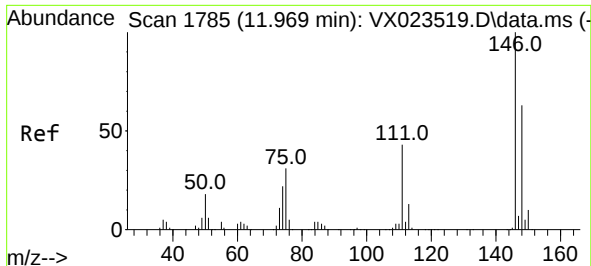
Tgt Ion:105 Resp: 25680
 Ion Ratio Lower Upper
 105 100
 134 0.4 0.0 40.2



#82
 p-Isopropyltoluene
 Concen: 0.428 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX023895.D
 Acq: 20 Aug 2021 22:16

Tgt Ion:119 Resp: 4021
 Ion Ratio Lower Upper
 119 100
 134 29.4 0.0 52.8
 91 31.6 0.0 48.6

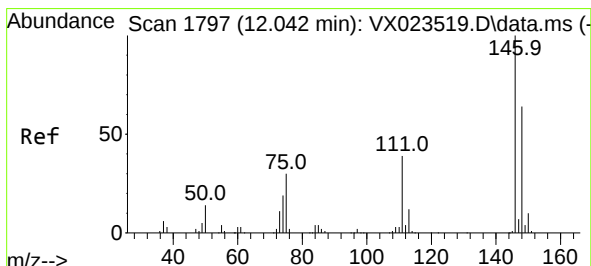
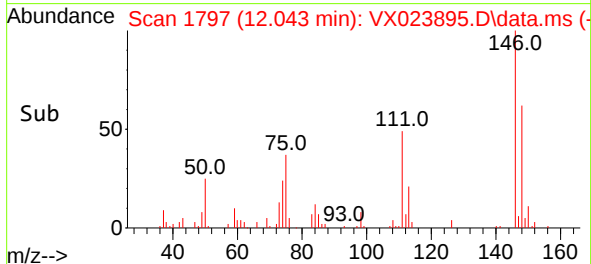
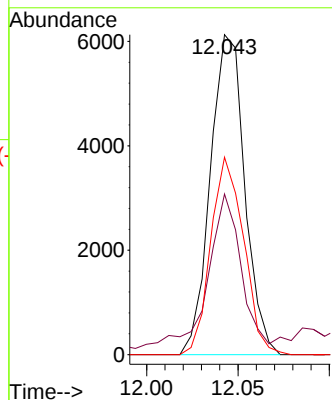
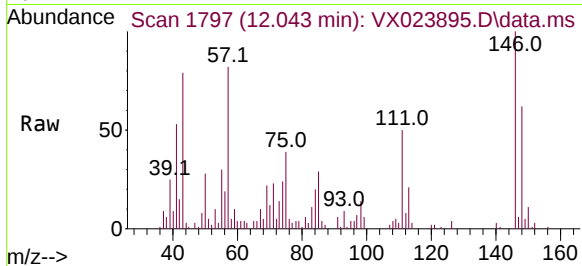




#83
1,3-Dichlorobenzene
Concen: 1.642 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.073 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

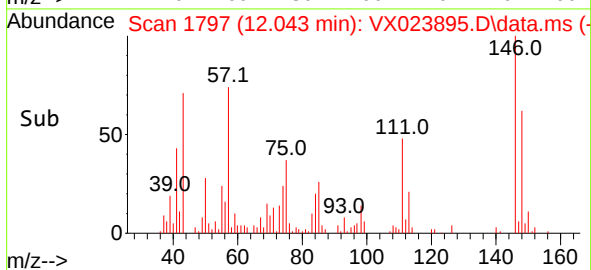
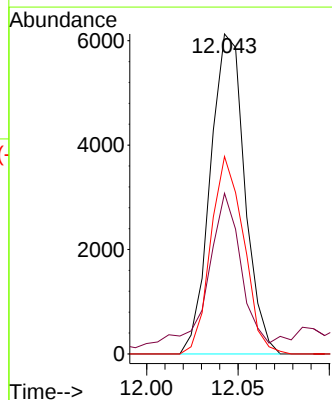
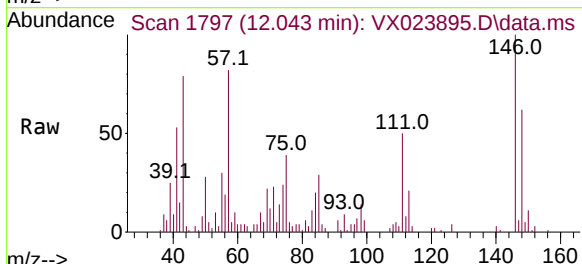
Instrument :
MSVOA_X
ClientSampleId :
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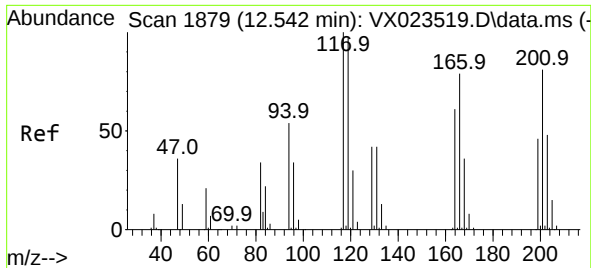
Tgt Ion:146 Resp: 8027
Ion Ratio Lower Upper
146 100
111 40.4 20.1 60.2
148 59.1 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 1.661 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion:146 Resp: 8027
Ion Ratio Lower Upper
146 100
111 40.5 18.9 56.9
148 59.1 31.4 94.2

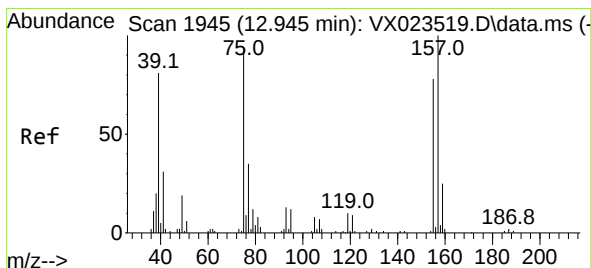
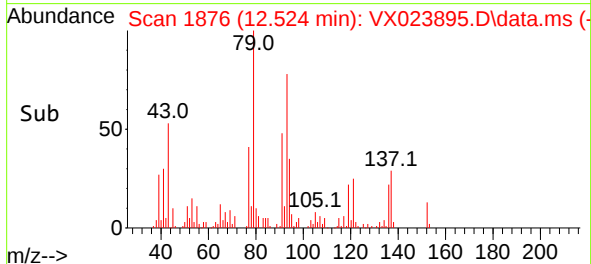
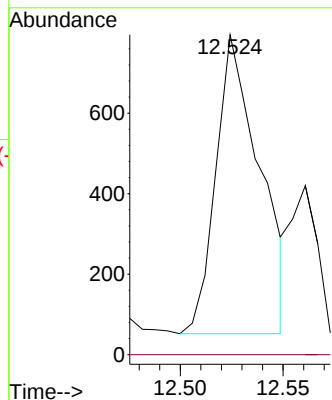
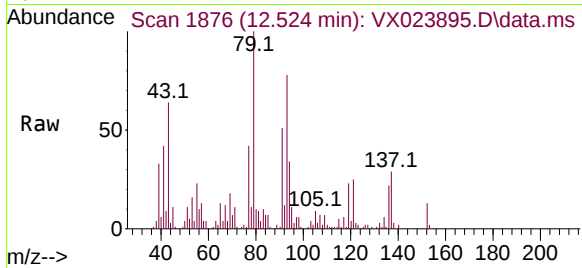




#86
Hexachloroethane
Concen: 0.719 ug/l
RT: 12.524 min Scan# 1876
Delta R.T. -0.018 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

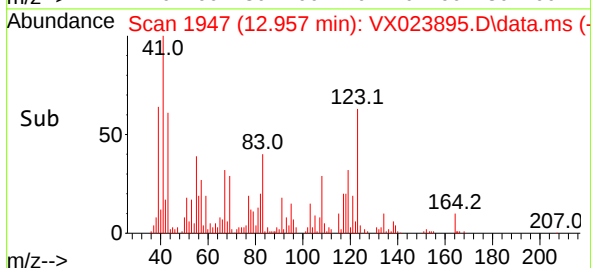
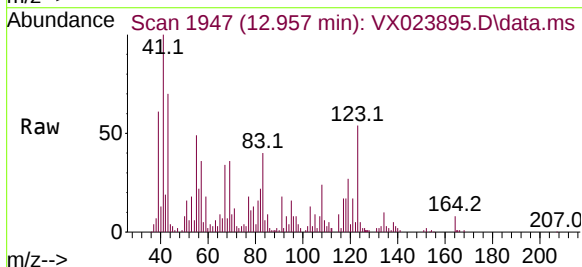
Instrument :
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ClientSampleId :
210818092-02-VOA

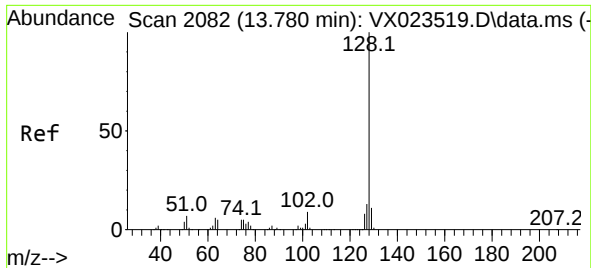
Tgt Ion:117 Resp: 1098
Ion Ratio Lower Upper
117 100
201 0.0 37.5 112.5#



#88
1,2-Dibromo-3-Chloropropane
Concen: 0.701 ug/l
RT: 12.957 min Scan# 1947
Delta R.T. 0.012 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Tgt Ion: 75 Resp: 546
Ion Ratio Lower Upper
75 100
155 16.3 67.4 101.2#
157 0.0 85.8 128.8#





#91
Naphthalene
Concen: 10.658 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023895.D
Acq: 20 Aug 2021 22:16

Instrument :
MSVOA_X
ClientSampleId :
210818092-02-VOA

Tgt Ion:128 Resp: 106813
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 11.0 8.6 12.8

