

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022855.D
 Acq On : 23 Jun 2021 21:16
 Operator : JC/MD
 Sample : M2803-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 24 03:38:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

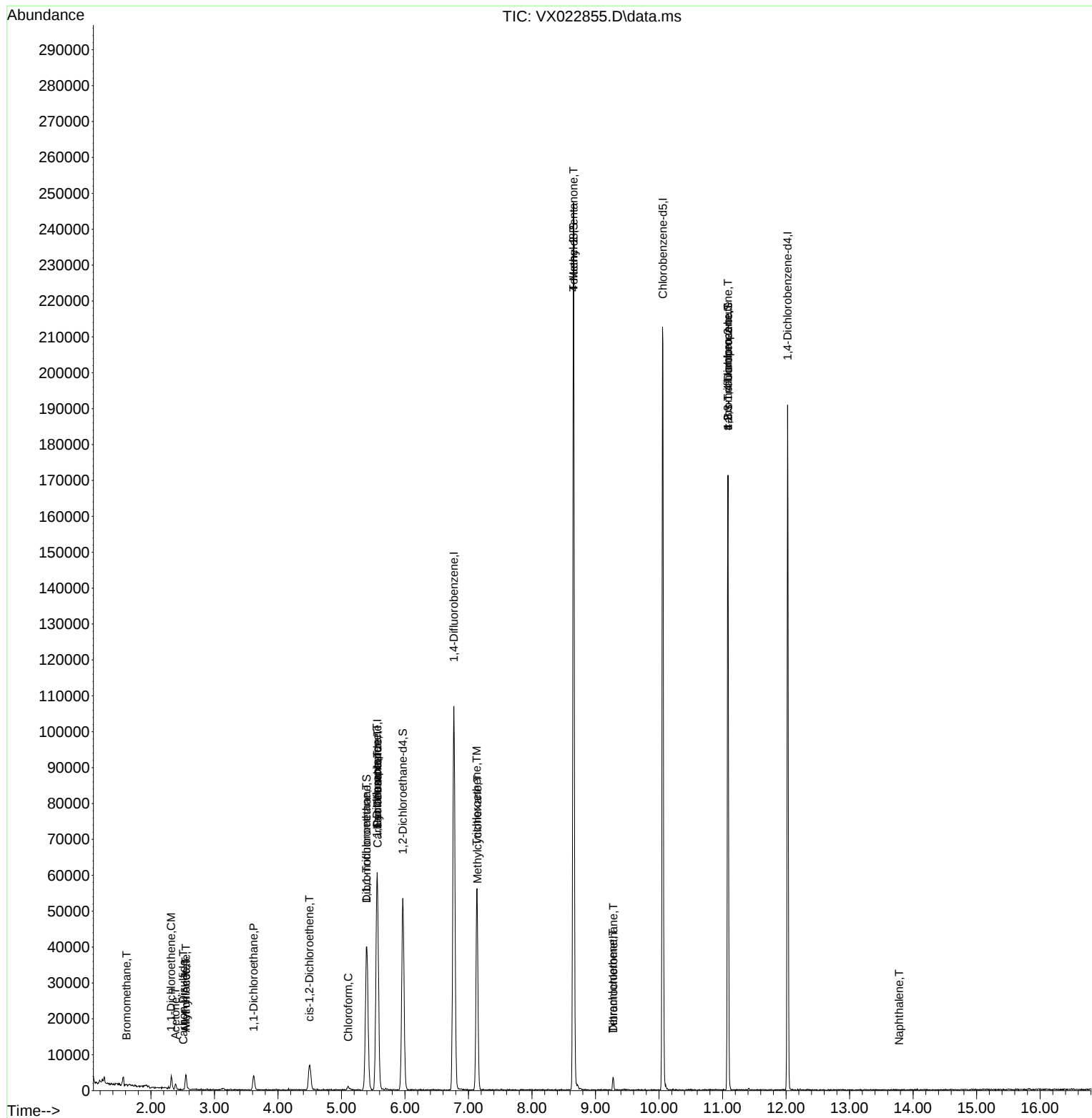
Internal Standards						
1) Pentafluorobenzene	5.562	168	50673	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	104258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	91610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48344	52.570	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.140%	
35) Dibromofluoromethane	5.397	113	34086	51.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.960%	
50) Toluene-d8	8.653	98	133998	51.642	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.280%	
62) 4-Bromofluorobenzene	11.085	95	46455	47.972	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.940%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	90	0.226	ug/l	96
12) 1,1-Dichloroethene	2.319	96	1111	1.690	ug/l	# 72
14) Allyl chloride	2.544	41	359	0.287	ug/l	# 1
16) Acetone	2.386	43	1597	3.917	ug/l	# 87
17) Carbon Disulfide	2.508	76	135	3.586	ug/l	# 75
18) Methyl Acetate	2.550	43	1320	1.316	ug/l	# 47
24) 1,1-Dichloroethane	3.617	63	4711	3.394	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	4328	5.347	ug/l	97
30) Chloroform	5.105	83	1076	0.771	ug/l	# 68
31) Cyclohexane	5.562	56	1548	1.192	ug/l	# 21
32) 1,1,1-Trichloroethane	5.391	97	1034	0.922	ug/l	# 49
36) 1,1-Dichloropropene	5.556	75	5015	4.529	ug/l	# 47
38) Carbon Tetrachloride	5.568	117	6081	6.547	ug/l	# 17
39) Methylcyclohexane	7.141	83	266	0.206	ug/l	# 23
44) Trichloroethene	7.129	130	19778	26.118	ug/l	92
51) 4-Methyl-2-Pentanone	8.653	43	766	0.597	ug/l	# 1
60) Dibromochloromethane	9.281	129	579	4.358	ug/l	# 11
64) Tetrachloroethene	9.275	164	517	0.803	ug/l	# 62
76) 1,2,3-Trichloropropane	11.085	75	24503	27.004	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	24503	69.951	ug/l	# 12
95) Naphthalene	13.780	128	19	1.929	ug/l	# 69

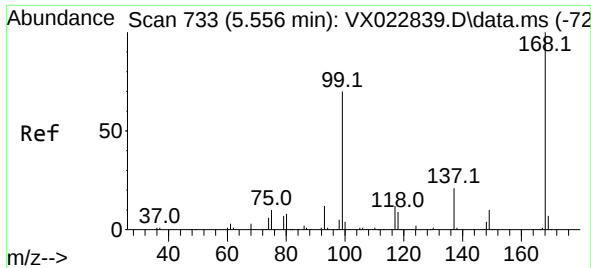
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

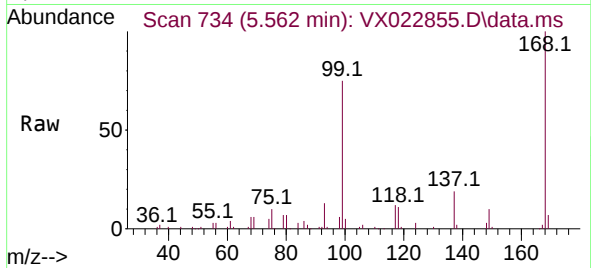
Quant Time: Jun 24 03:38:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration



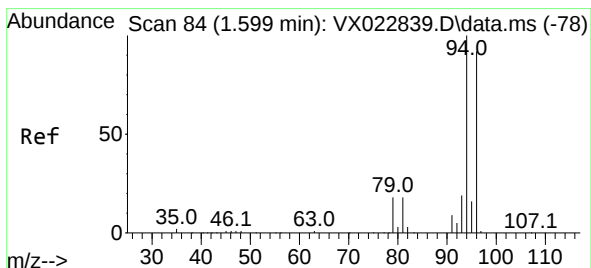
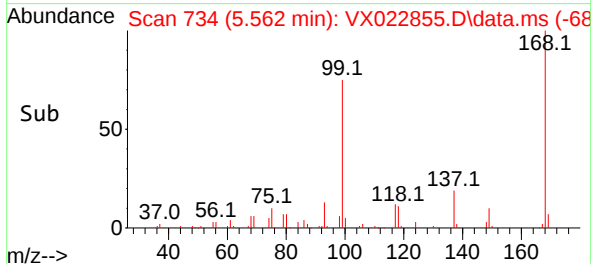
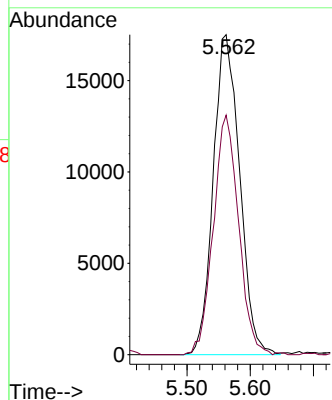


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

Instrument :
MSVOA_X
ClientSampleId :

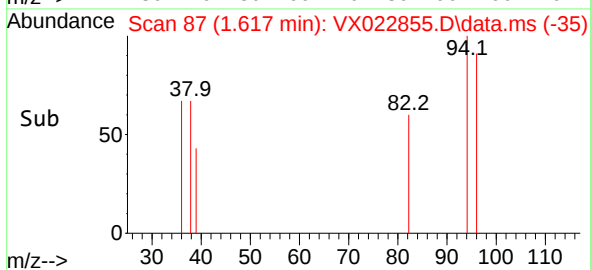
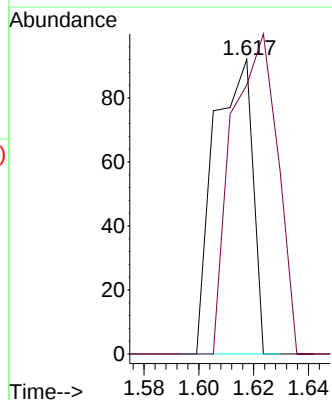
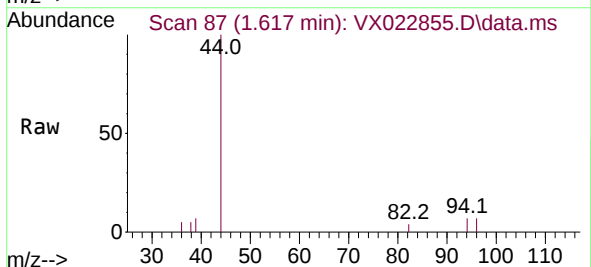


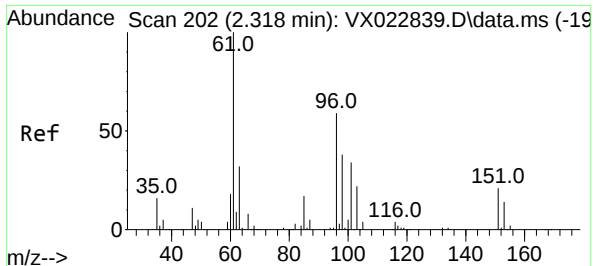
Tgt Ion:168 Resp: 50673
Ion Ratio Lower Upper
168 100
99 74.8 45.8 68.6#



#5
Bromomethane
Concen: 0.226 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

Tgt Ion: 94 Resp: 90
Ion Ratio Lower Upper
94 100
96 91.3 76.4 114.6





#12

1,1-Dichloroethene

Concen: 1.690 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX022855.D

Acq: 23 Jun 2021 21:16

Tgt Ion: 96 Resp: 1111

Ion Ratio Lower Upper

96 100

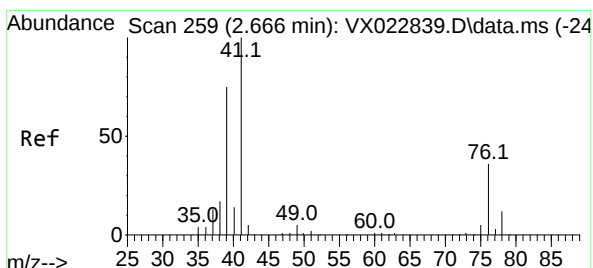
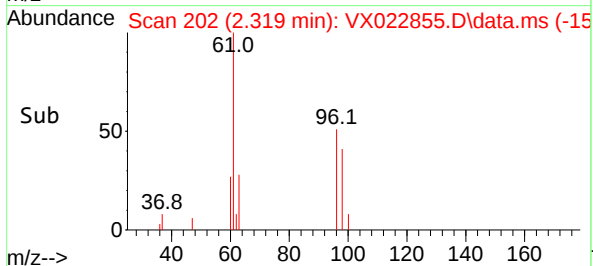
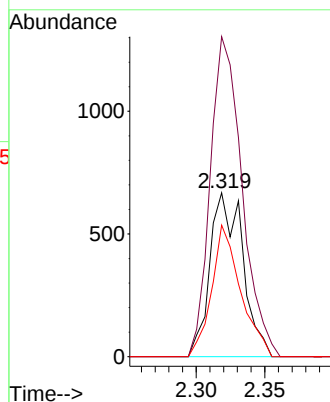
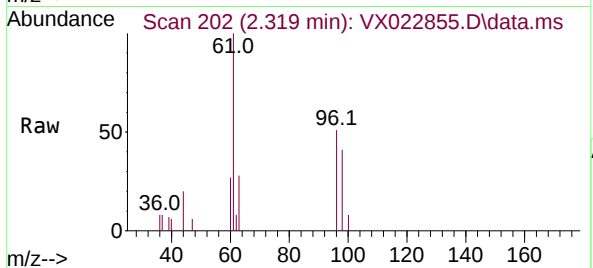
61 195.2 124.6 187.0#

98 80.2 50.6 76.0#

Instrument :

MSVOA_X

ClientSampled :



#14

Allyl chloride

Concen: 0.287 ug/l

RT: 2.544 min Scan# 239

Delta R.T. -0.122 min

Lab File: VX022855.D

Acq: 23 Jun 2021 21:16

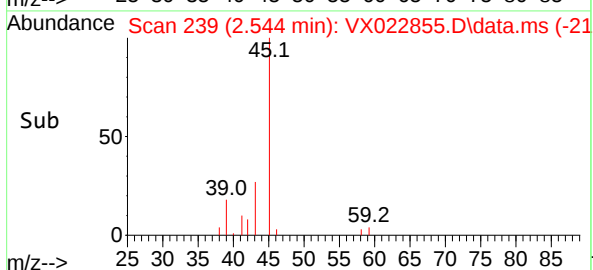
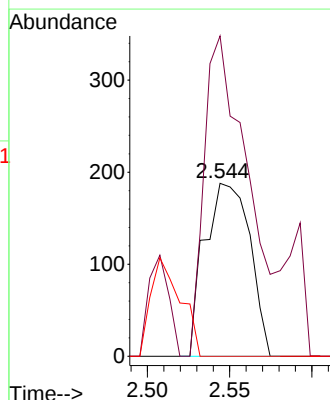
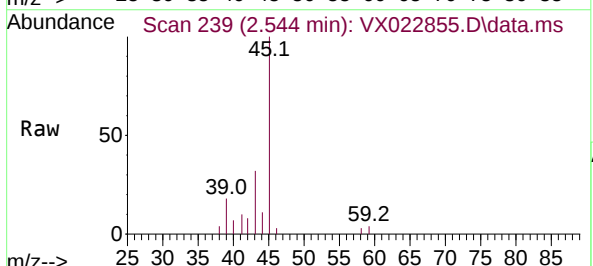
Tgt Ion: 41 Resp: 359

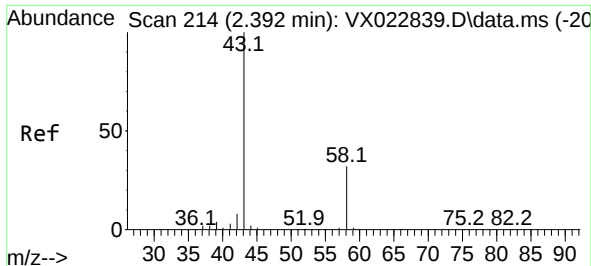
Ion Ratio Lower Upper

41 100

39 174.9 51.6 77.4#

76 0.0 30.5 45.7#

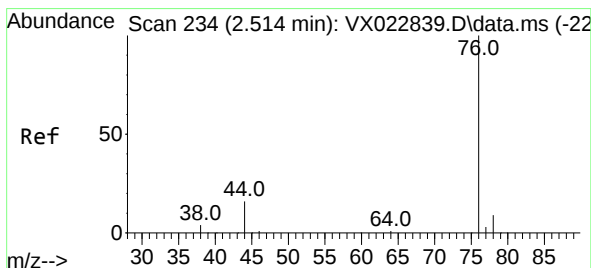
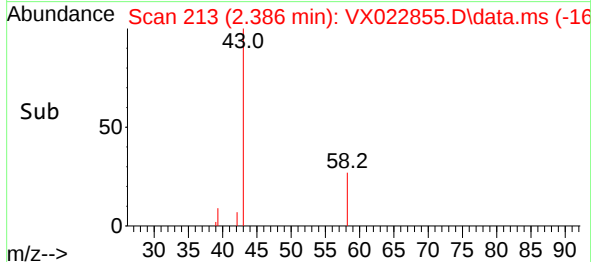
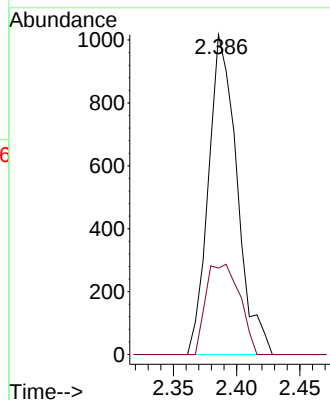
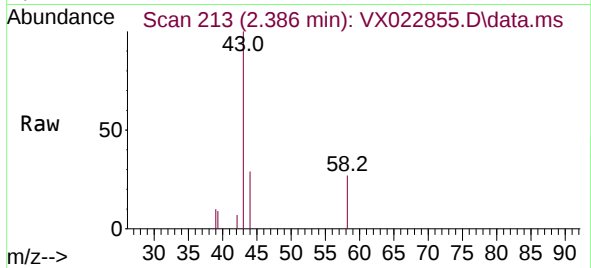




#16
Acetone
Concen: 3.917 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

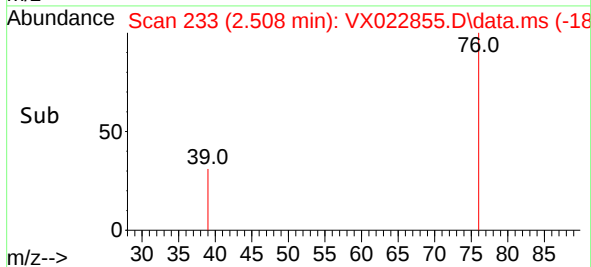
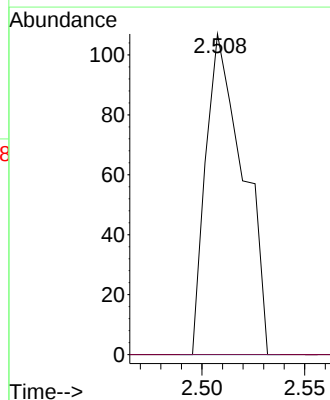
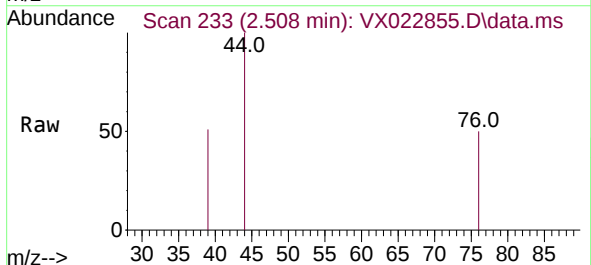
Instrument :
MSVOA_X
ClientSampled :

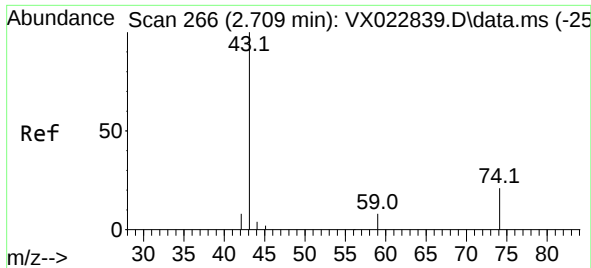
Tgt Ion: 43 Resp: 1597
Ion Ratio Lower Upper
43 100
58 27.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.586 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

Tgt Ion: 76 Resp: 135
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

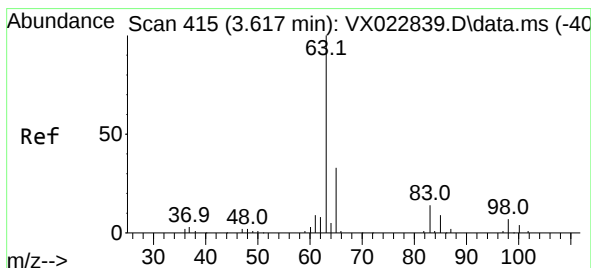
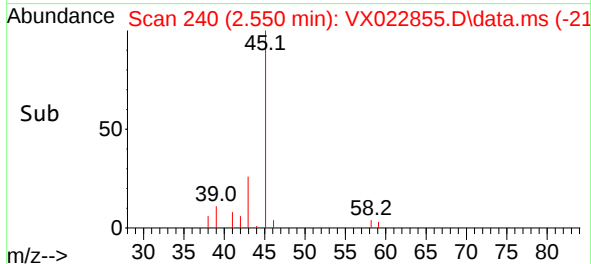
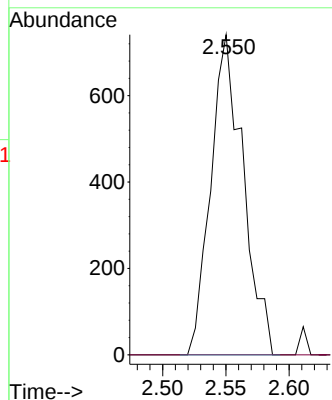
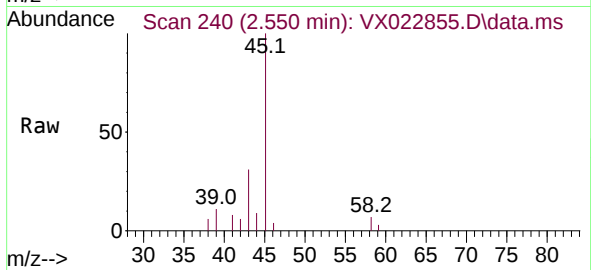




#18
Methyl Acetate
Concen: 1.316 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

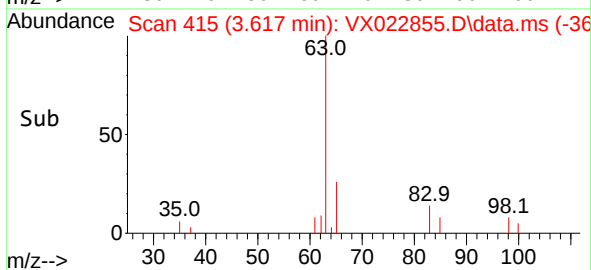
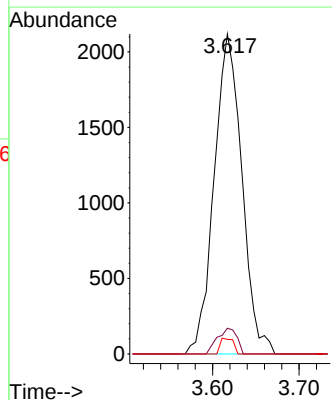
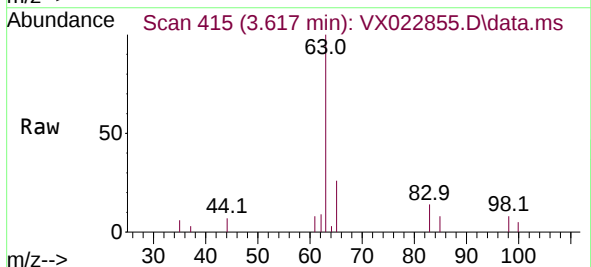
Instrument :
MSVOA_X
ClientSampled :

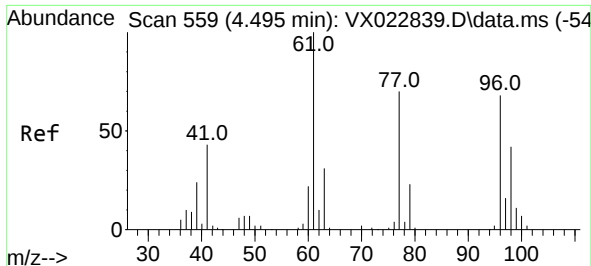
Tgt Ion: 43 Resp: 1320
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#24
1,1-Dichloroethane
Concen: 3.394 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

Tgt Ion: 63 Resp: 4711
Ion Ratio Lower Upper
63 100
98 8.0 3.8 11.2
100 4.5 2.5 7.5





#27

cis-1,2-Dichloroethene

Concen: 5.347 ug/l

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX022855.D

Acq: 23 Jun 2021 21:16

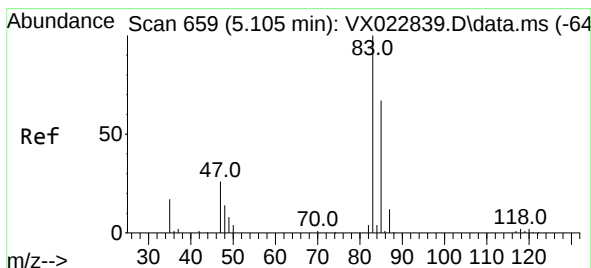
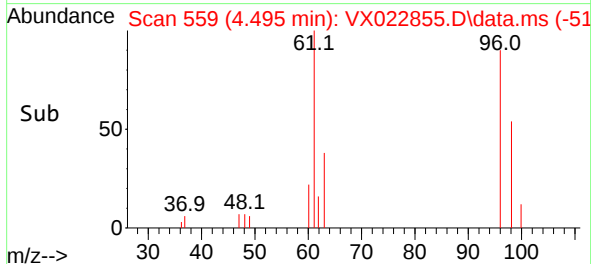
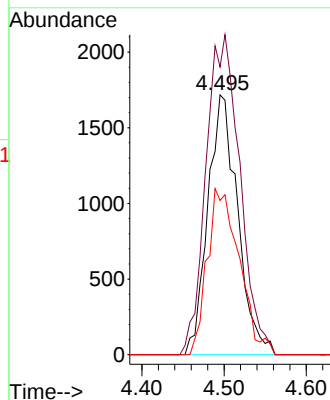
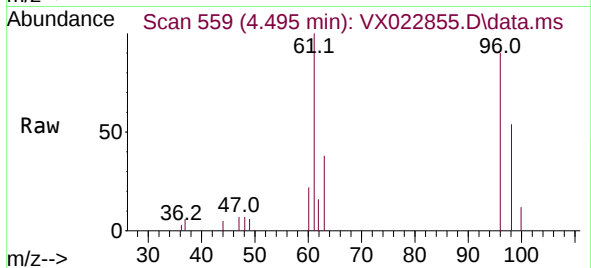
Tgt Ion: 96 Resp: 4328

Ion Ratio Lower Upper

96 100

61 140.3 0.0 285.6

98 68.9 0.0 129.6



#30

Chloroform

Concen: 0.771 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX022855.D

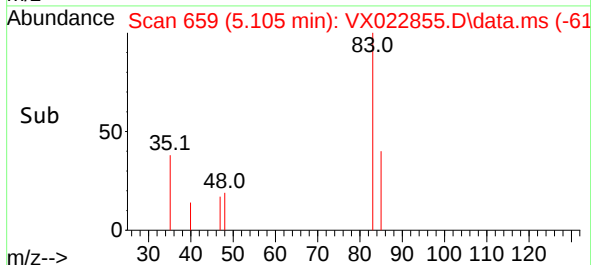
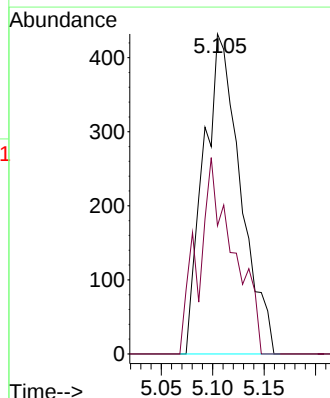
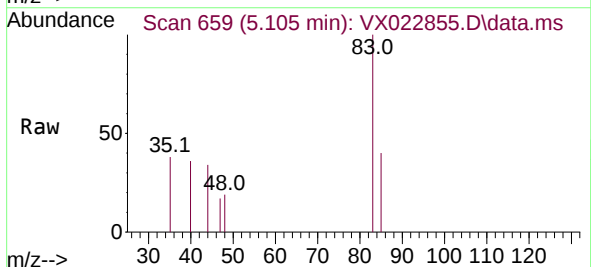
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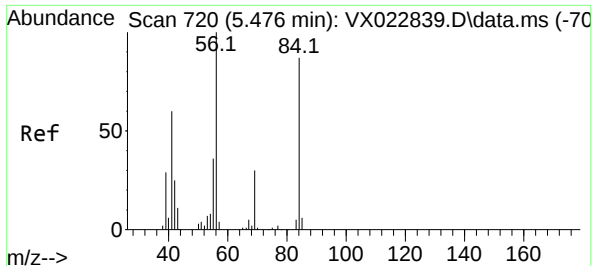
Tgt Ion: 83 Resp: 1076

Ion Ratio Lower Upper

83 100

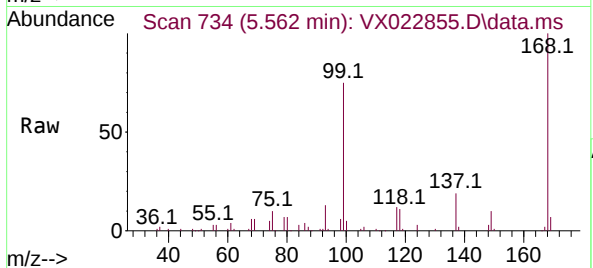
85 40.0 52.0 78.0#



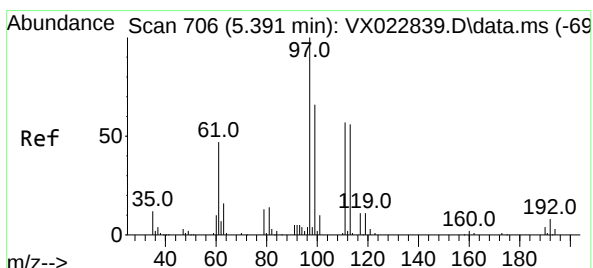
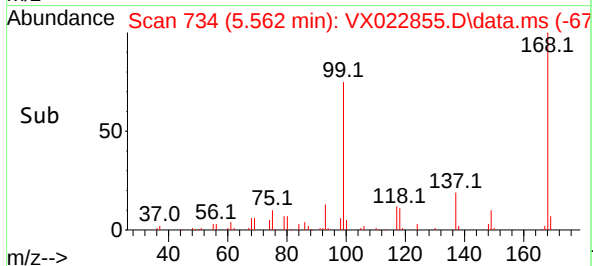
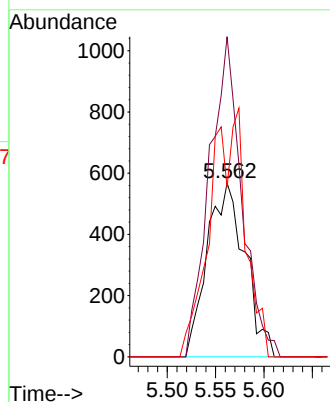


#31
Cyclohexane
Concen: 1.192 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

Instrument :
MSVOA_X
ClientSampled :

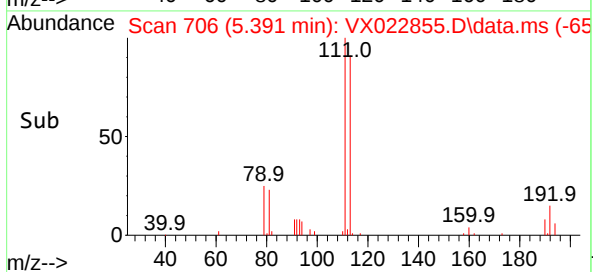
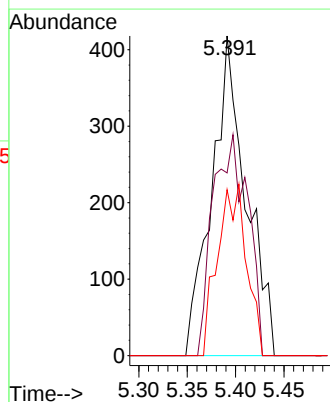
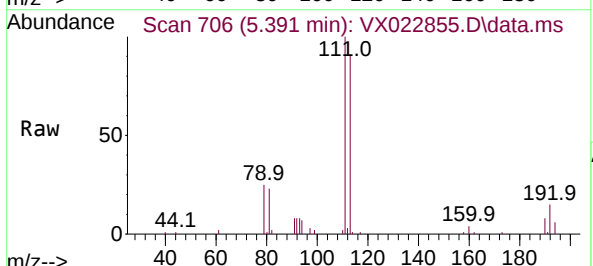


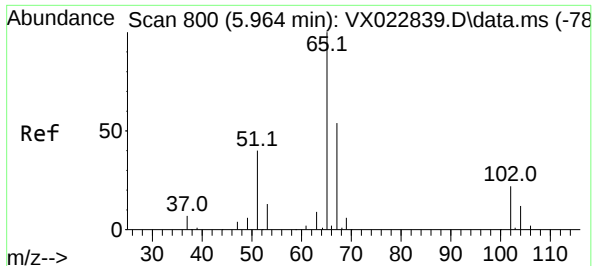
Tgt Ion: 56 Resp: 1548
Ion Ratio Lower Upper
56 100
69 184.2 25.3 37.9#
84 97.5 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 0.922 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

Tgt Ion: 97 Resp: 1034
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 44.9 34.2 51.4



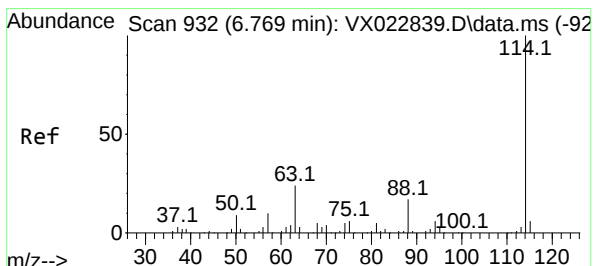
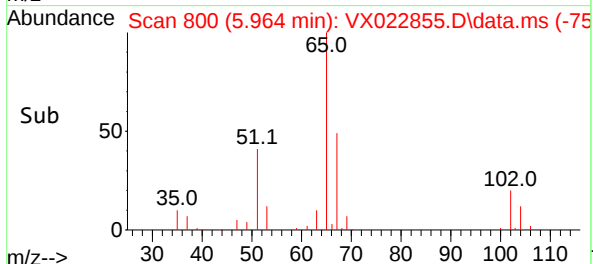
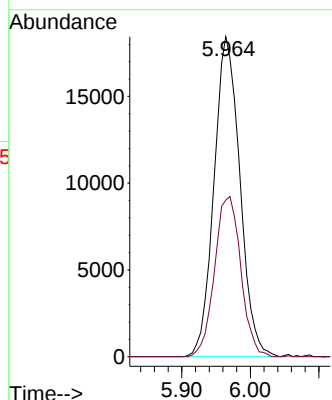
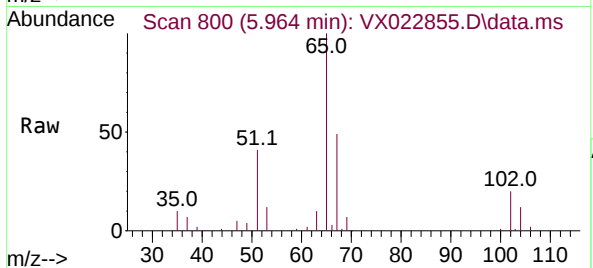


#33

1,2-Dichloroethane-d4
Concen: 52.570 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

Instrument :
MSVOA_X
ClientSampleId :

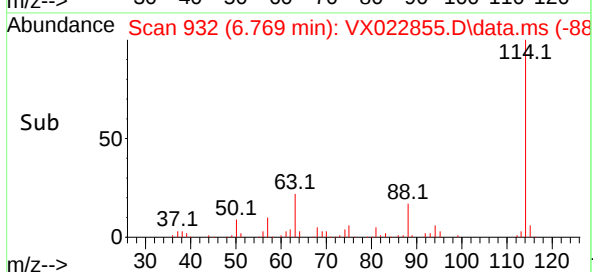
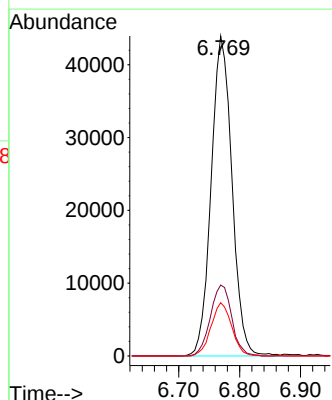
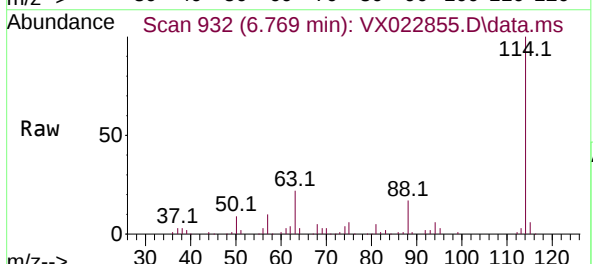
Tgt Ion: 65 Resp: 48344
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

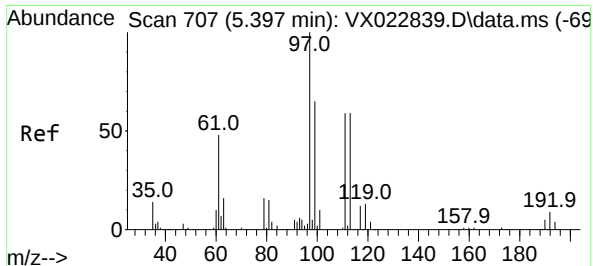


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

Tgt Ion: 114 Resp: 104258
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.8
88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.485 ug/l

RT: 5.397 min Scan# 707

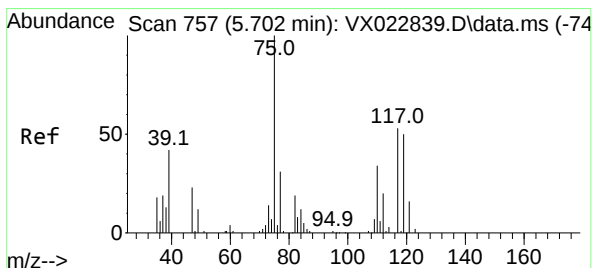
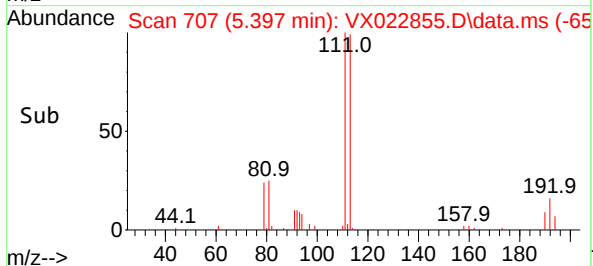
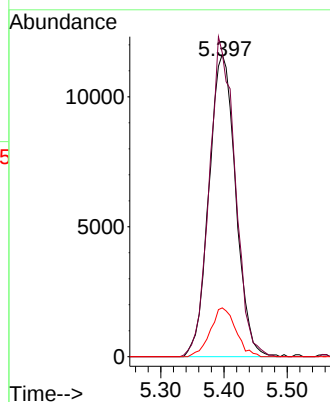
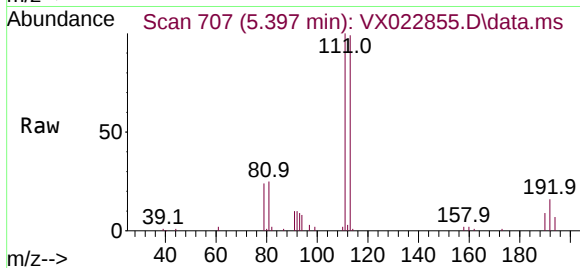
Delta R.T. 0.000 min

Lab File: VX022855.D

Acq: 23 Jun 2021 21:16

Tgt Ion:	113	Resp:	34086
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	15.4	16.7	25.1#

Instrument :
MSVOA_X
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.529 ug/l

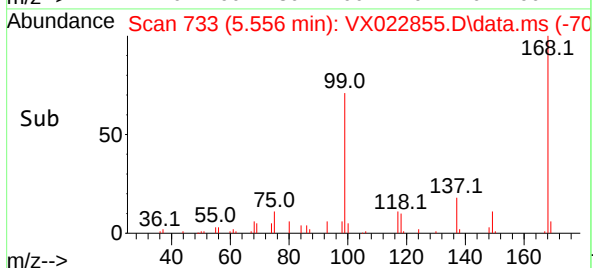
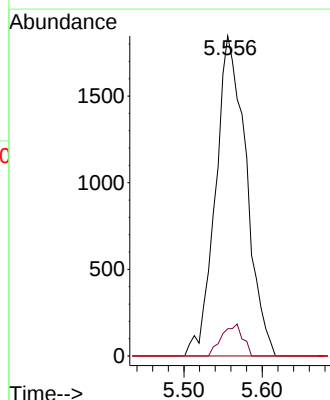
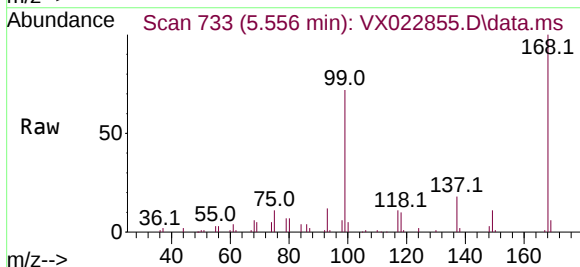
RT: 5.556 min Scan# 733

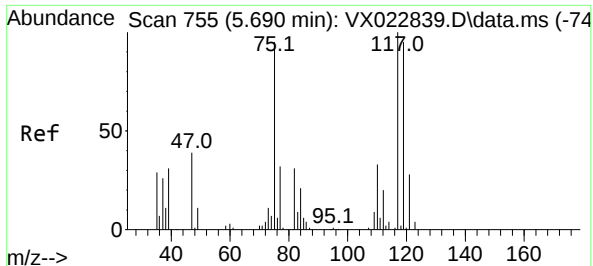
Delta R.T. -0.146 min

Lab File: VX022855.D

Acq: 23 Jun 2021 21:16

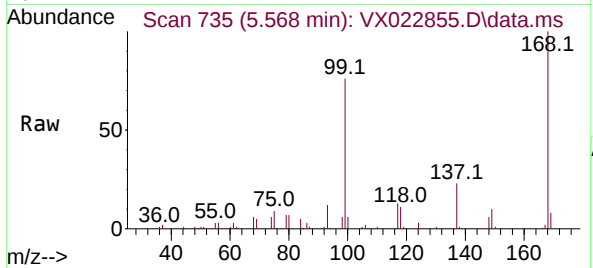
Tgt Ion:	75	Resp:	5015
Ion	Ratio	Lower	Upper
75	100		
110	6.8	18.1	54.4#
77	0.0	25.3	37.9#



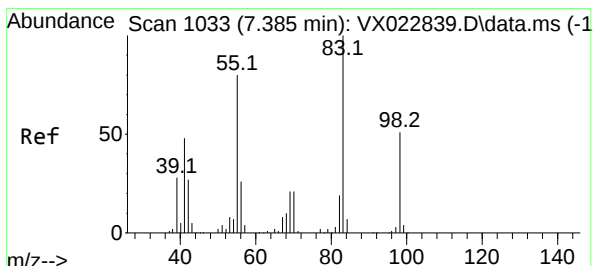
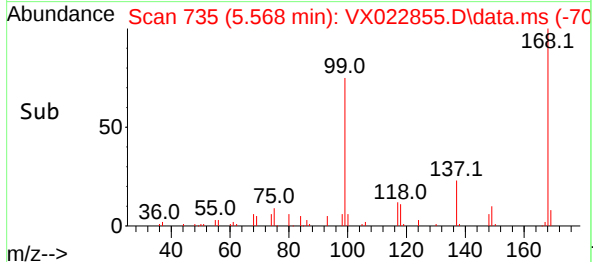
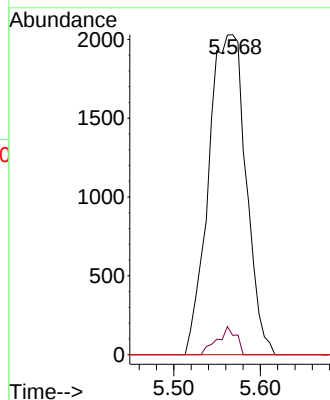


#38
Carbon Tetrachloride
Concen: 6.547 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

Instrument :
MSVOA_X
ClientSampleId :

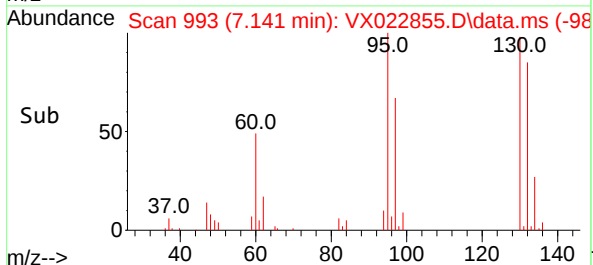
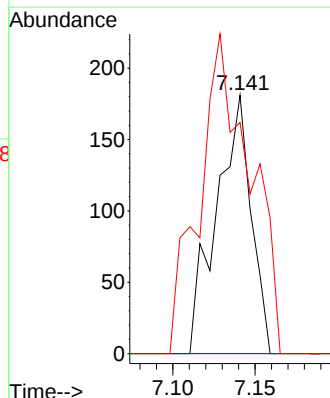
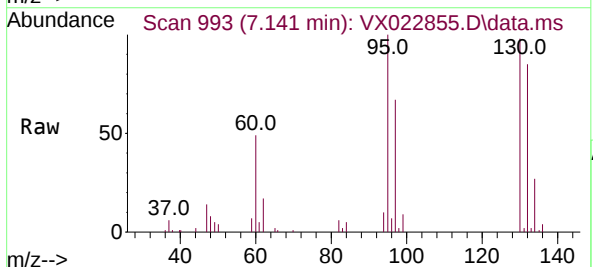


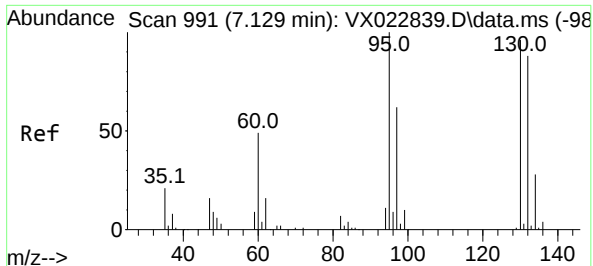
Tgt Ion:117 Resp: 6081
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.206 ug/l
RT: 7.141 min Scan# 993
Delta R.T. -0.244 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

Tgt Ion: 83 Resp: 266
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 89.5 38.1 57.1#

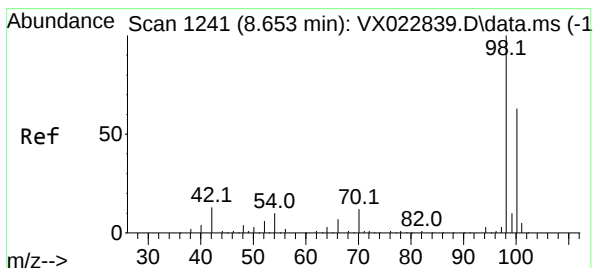
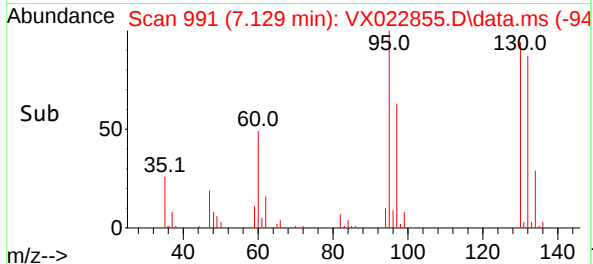
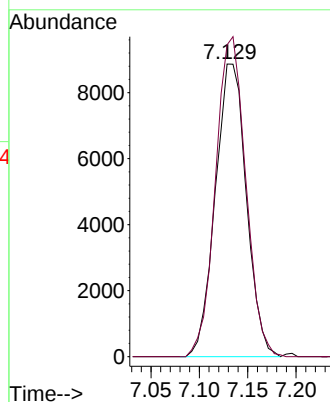
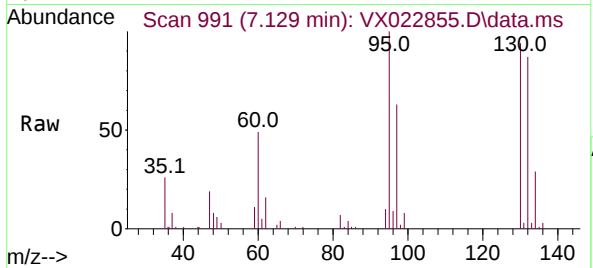




#44
Trichloroethene
Concen: 26.118 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

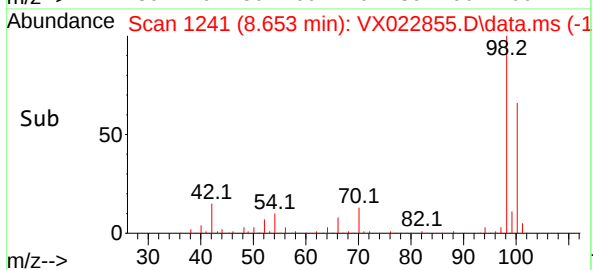
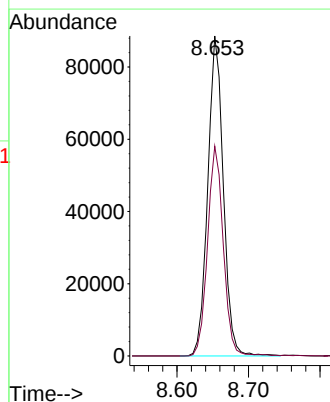
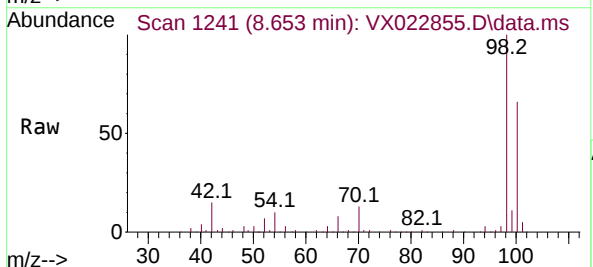
Instrument :
MSVOA_X
ClientSampled :

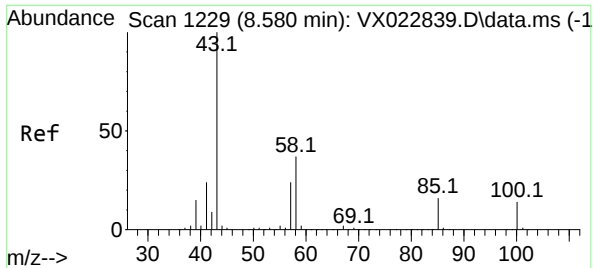
Tgt Ion:130 Resp: 19778
Ion Ratio Lower Upper
130 100
95 106.5 0.0 198.0



#50
Toluene-d8
Concen: 51.642 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

Tgt Ion: 98 Resp: 133998
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

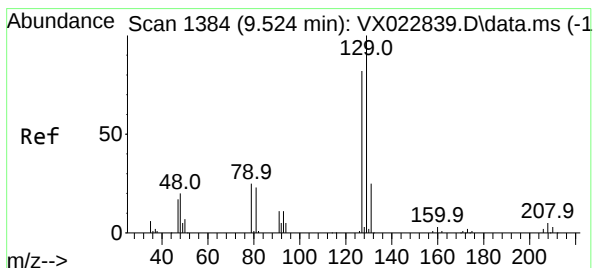
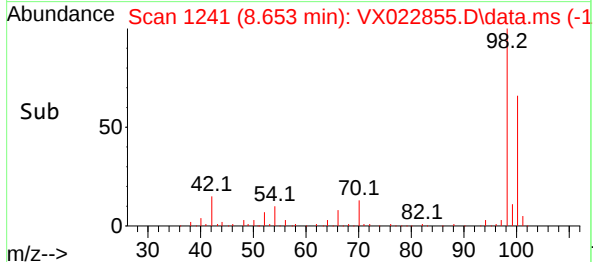
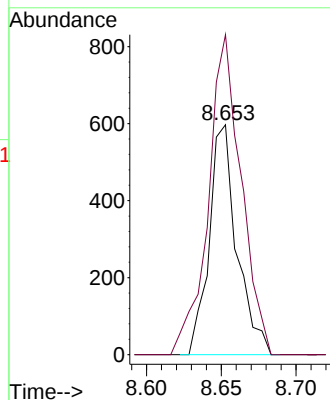
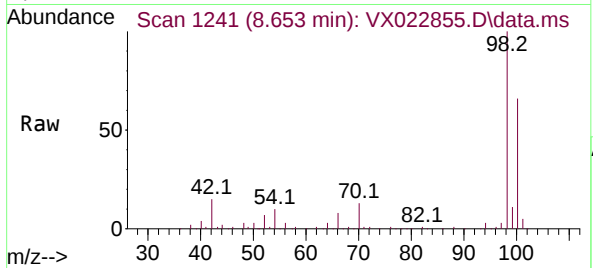




#51
4-Methyl-2-Pentanone
Concen: 0.597 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

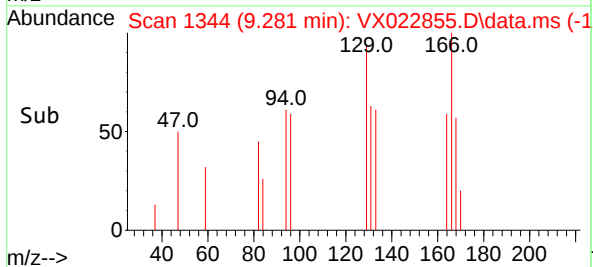
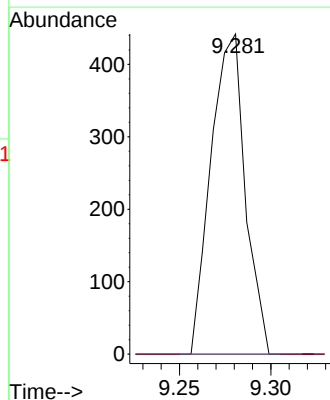
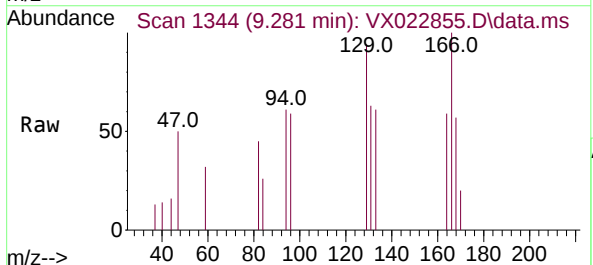
Instrument :
MSVOA_X
ClientSampled :

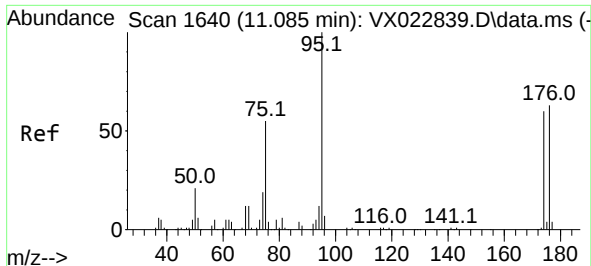
Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 165.8 35.4 53.0#



#60
Dibromochloromethane
Concen: 4.358 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

Tgt Ion: 129 Resp: 579
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

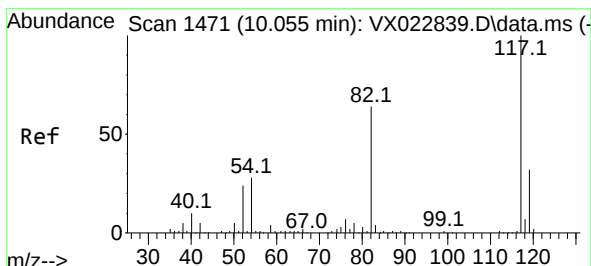
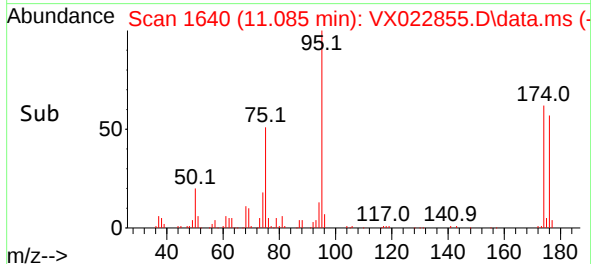
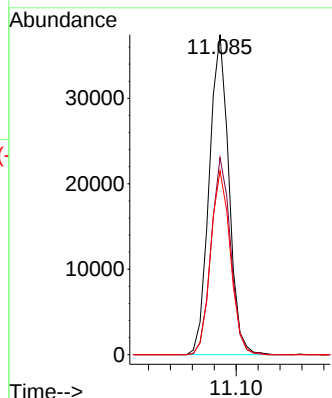
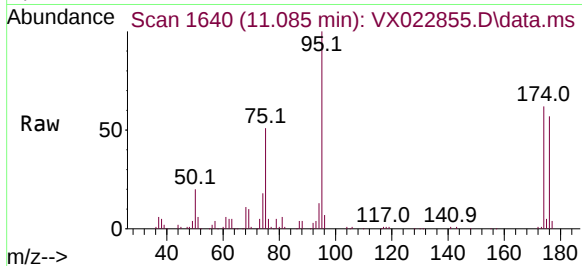




#62
4-Bromofluorobenzene
Concen: 47.972 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

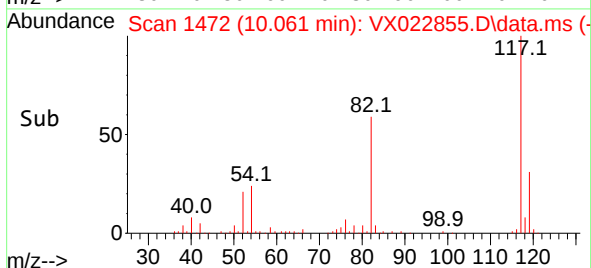
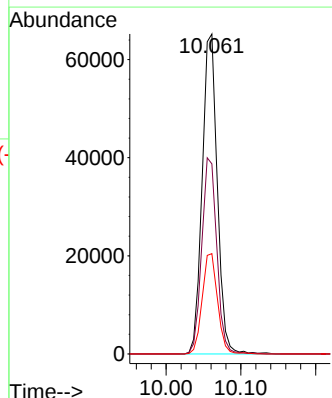
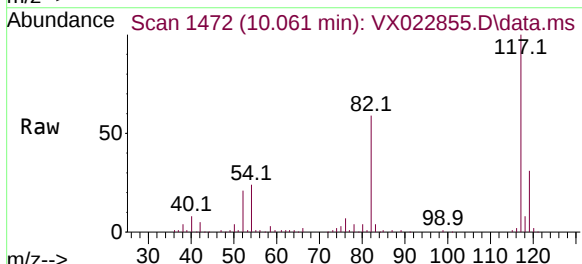
Instrument :
MSVOA_X
ClientSampleId :

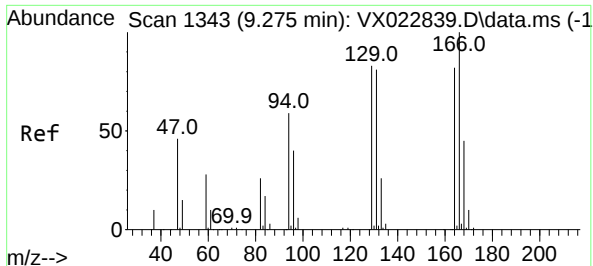
Tgt Ion: 95 Resp: 46455
Ion Ratio Lower Upper
95 100
174 61.3 0.0 154.6
176 58.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

Tgt Ion: 117 Resp: 91610
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.4 26.6 39.8

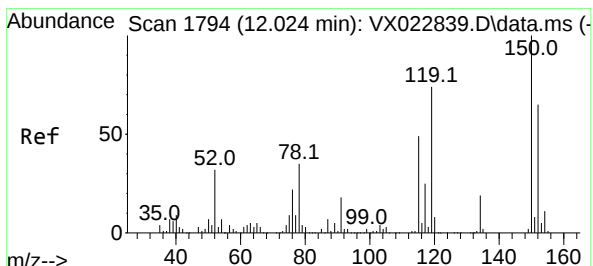
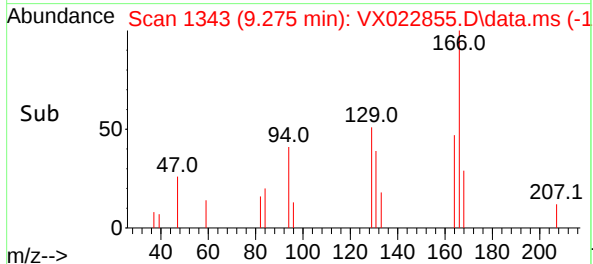
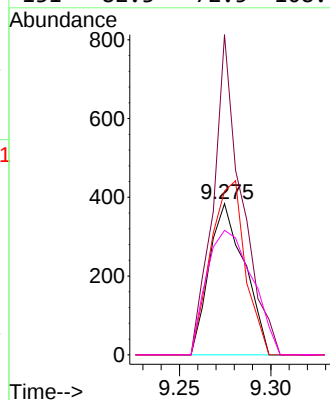
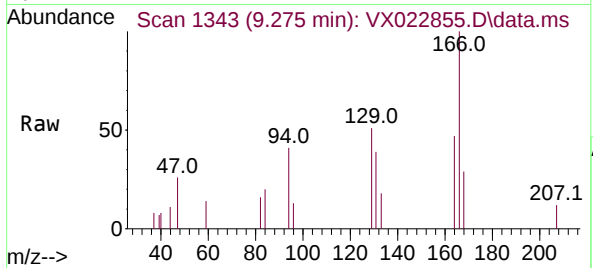




#64
Tetrachloroethene
Concen: 0.803 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

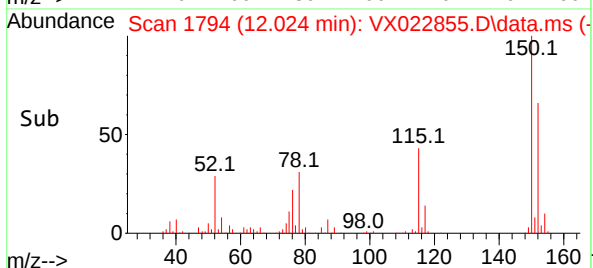
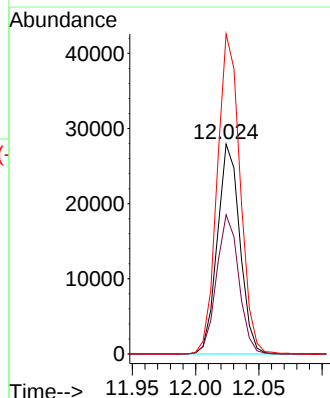
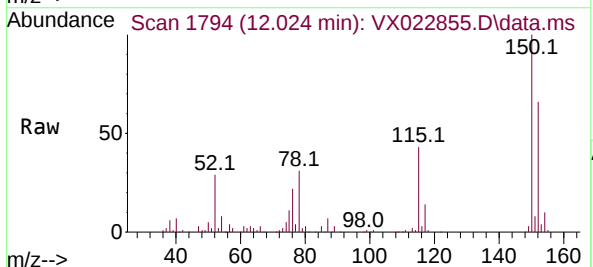
Instrument :
MSVOA_X
ClientSampleId :

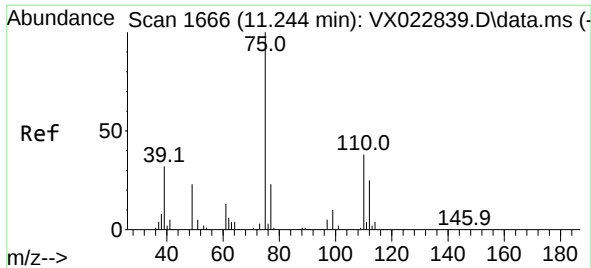
Tgt Ion:164	Resp:	517
Ion	Ratio	Lower Upper
164	100	
166	211.7	103.4 155.2#
129	108.3	70.8 106.2#
131	82.3	72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

Tgt Ion:152	Resp:	34353
Ion	Ratio	Lower Upper
152	100	
115	66.1	41.1 123.3
150	155.2	0.0 349.0

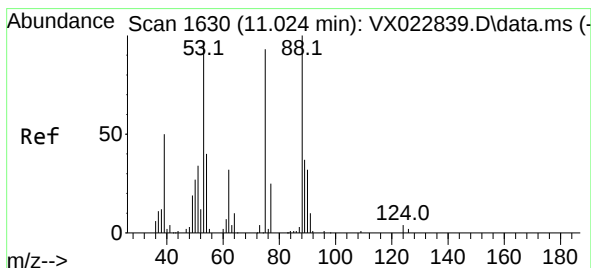
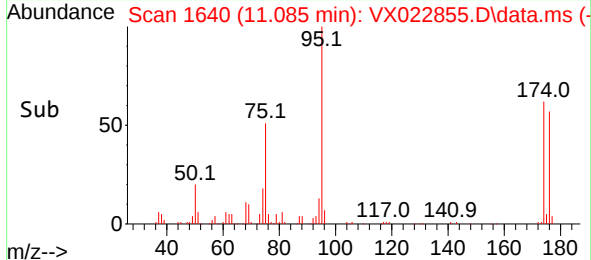
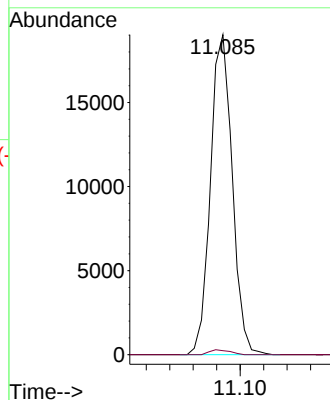
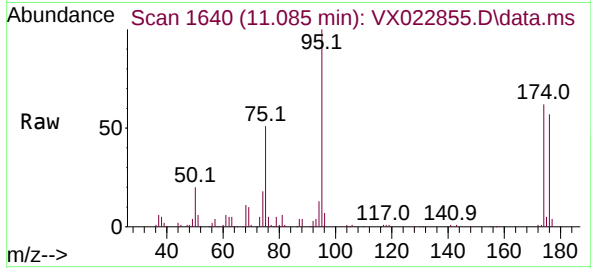




#76
1,2,3-Trichloropropane
Concen: 27.004 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

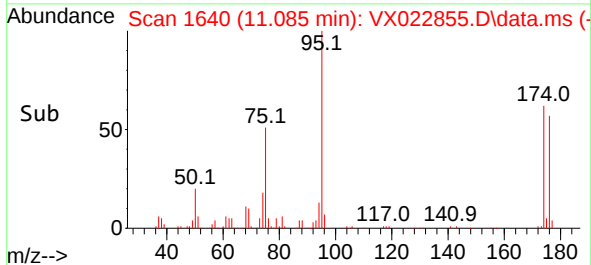
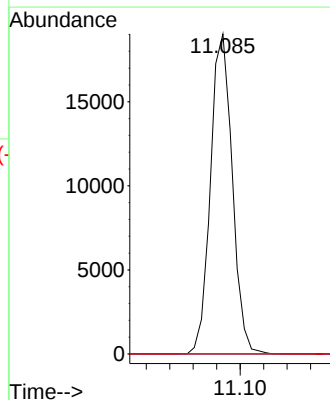
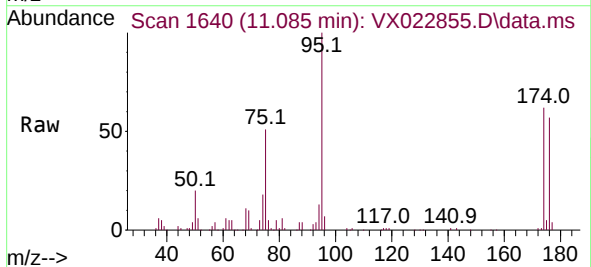
Instrument :
MSVOA_X
ClientSampleId :

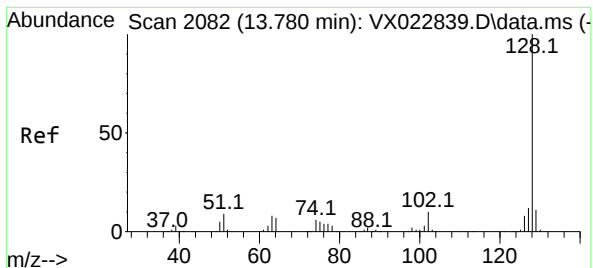
Tgt Ion: 75 Resp: 24503
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.951 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

Tgt Ion: 75 Resp: 24503
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.929 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022855.D
Acq: 23 Jun 2021 21:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 19
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

