

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022906.D
 Acq On : 25 Jun 2021 07:05
 Operator : JC/MD
 Sample : M2838-22 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP10-20210622

Quant Time: Jun 25 08:10:19 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)

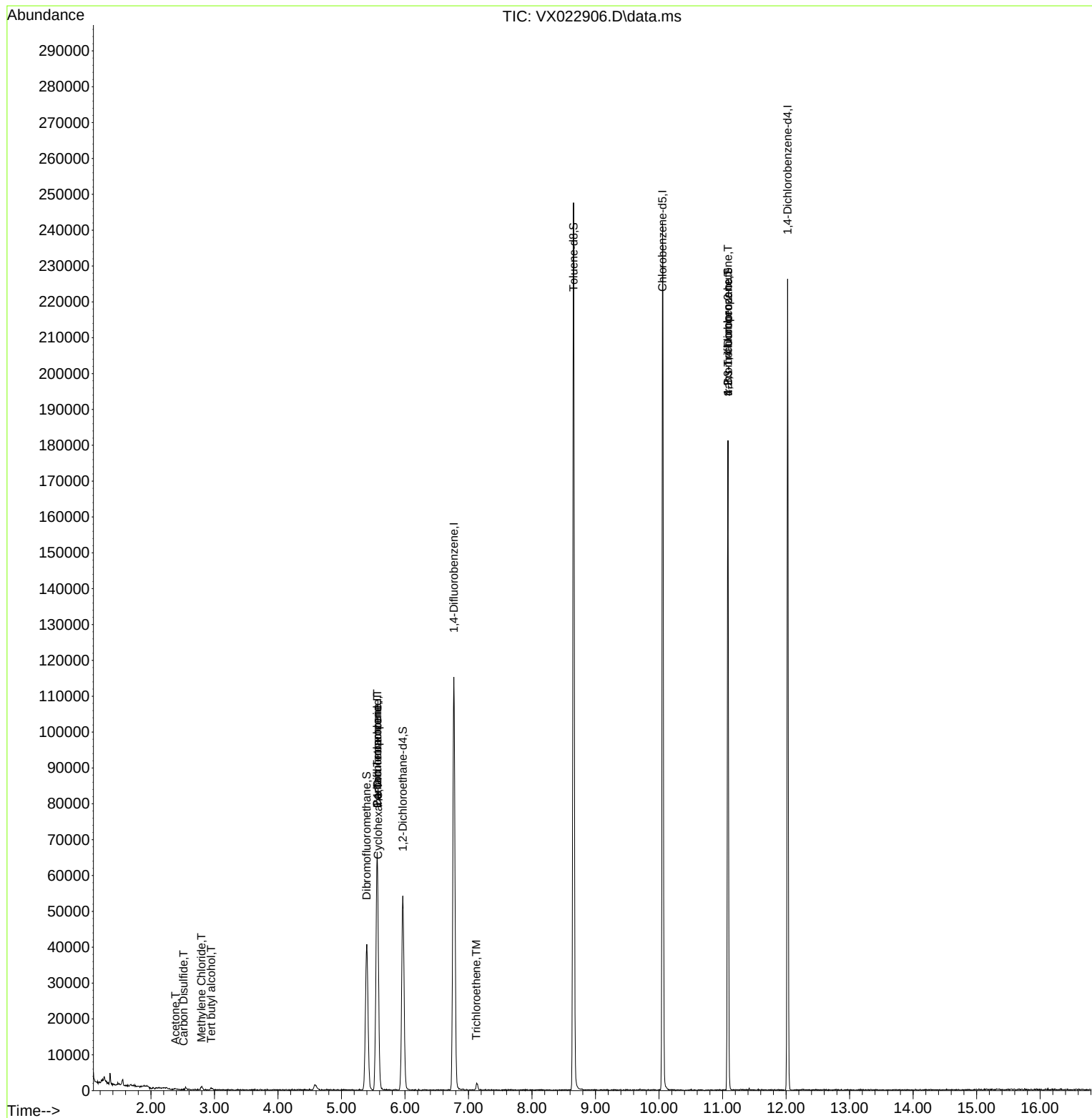
Internal Standards						
1) Pentafluorobenzene	5.562	168	54372	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	111473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49871	50.54	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.08%
35) Dibromofluoromethane	5.397	113	34111	48.19	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.38%
50) Toluene-d8	8.653	98	139481	50.28	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.56%
62) 4-Bromofluorobenzene	11.085	95	47112	45.50	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.00%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	386	1.88	ug/l	# 73
16) Acetone	2.386	43	385	0.88	ug/l	# 40
17) Carbon Disulfide	2.514	76	22	3.53	ug/l	# 75
20) Methylene Chloride	2.794	84	456	0.89	ug/l	# 73
31) Cyclohexane	5.574	56	1623	1.17	ug/l	# 21
36) 1,1-Dichloropropene	5.562	75	5721	4.83	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	6254	6.30	ug/l	# 16
44) Trichloroethene	7.123	130	665	0.82	ug/l	66
76) 1,2,3-Trichloropropane	11.085	75	26345	25.68	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	26345	66.85	ug/l	# 12

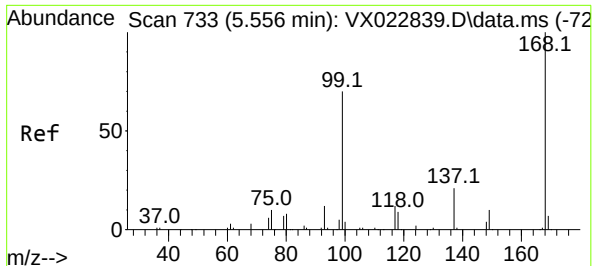
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 25 08:10:19 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

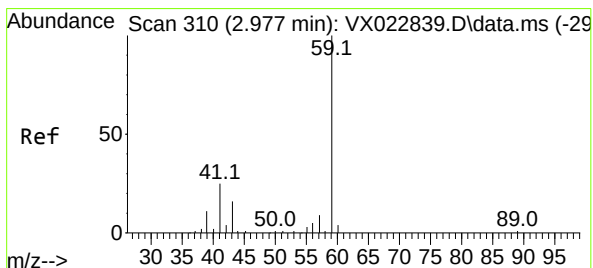
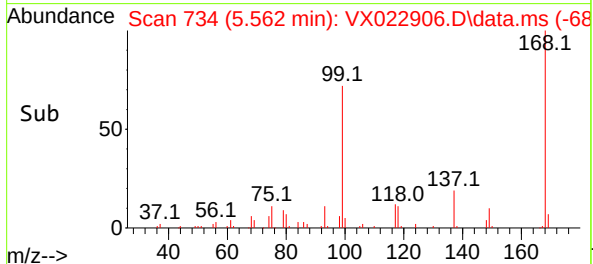
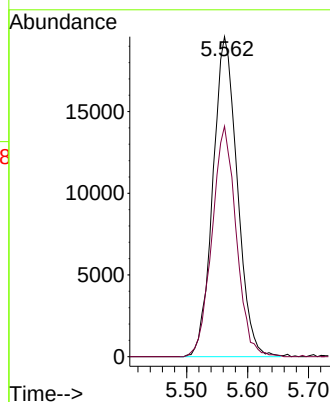
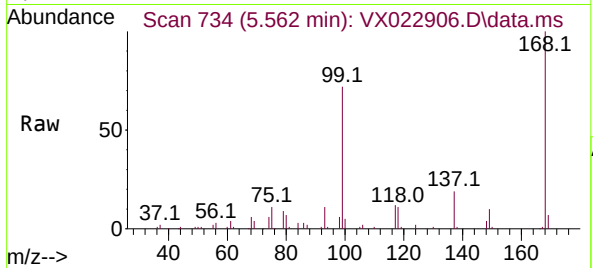




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022906.D
Acq: 25 Jun 2021 07:05

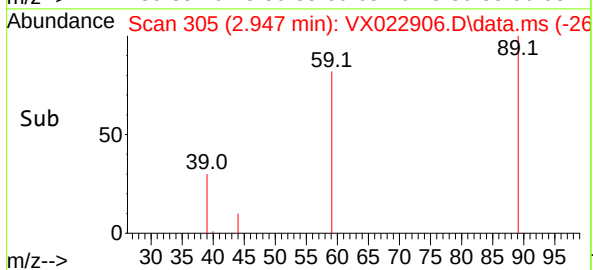
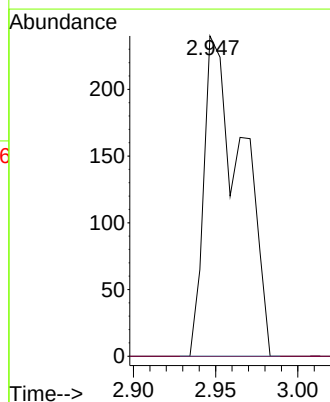
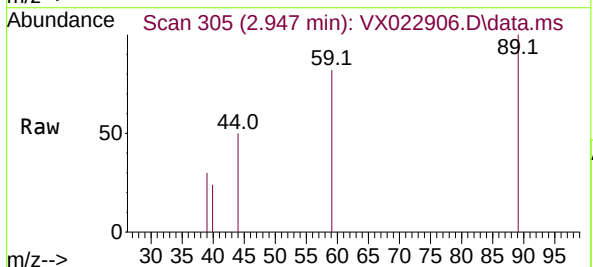
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20210622

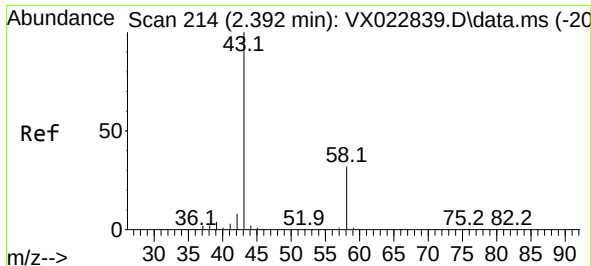
Tgt Ion:168 Resp: 54372
Ion Ratio Lower Upper
168 100
99 72.0 45.8 68.6#



#11
Tert butyl alcohol
Concen: 1.88 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX022906.D
Acq: 25 Jun 2021 07:05

Tgt Ion: 59 Resp: 386
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

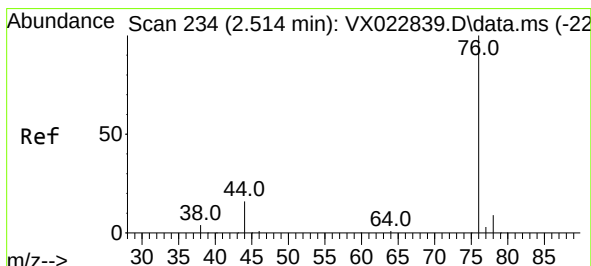
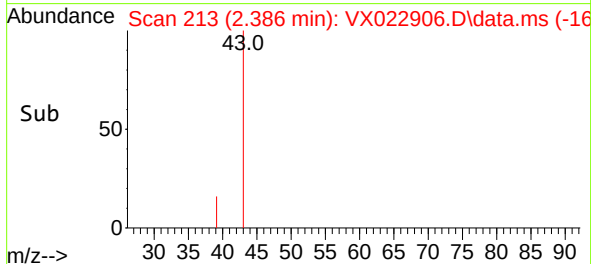
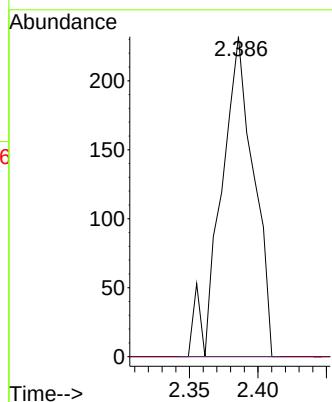
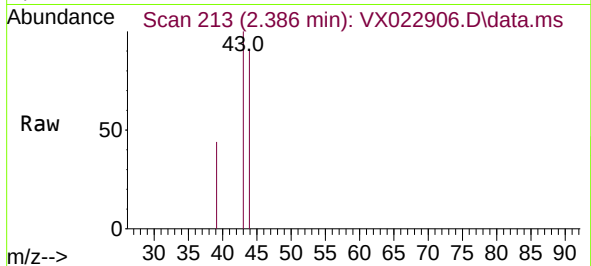




#16
Acetone
Concen: 0.88 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022906.D
Acq: 25 Jun 2021 07:05

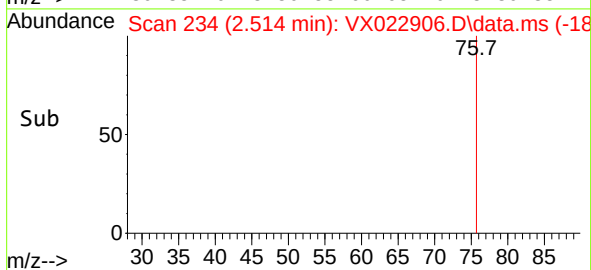
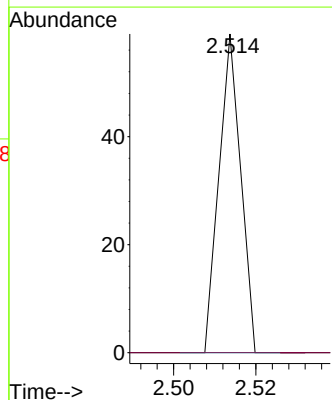
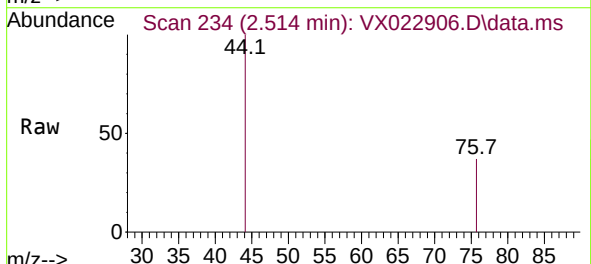
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20210622

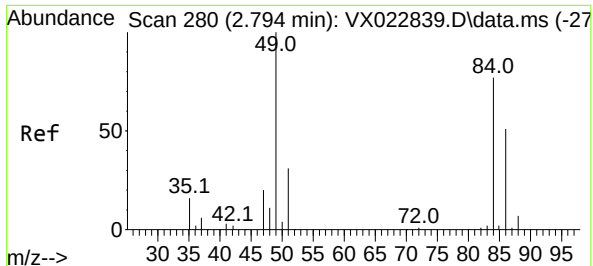
Tgt Ion: 43 Resp: 385
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.53 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022906.D
Acq: 25 Jun 2021 07:05

Tgt Ion: 76 Resp: 22
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.89 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022906.D

Acq: 25 Jun 2021 07:05

Tgt Ion: 84 Resp: 456

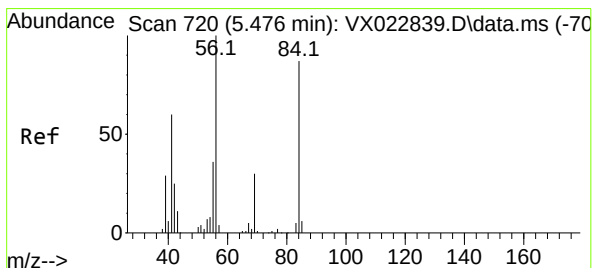
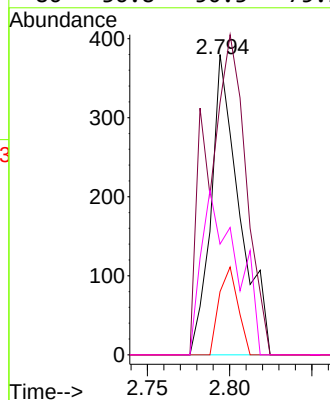
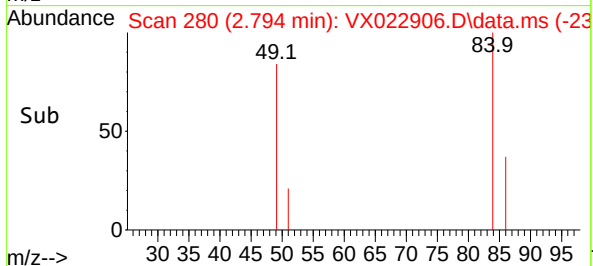
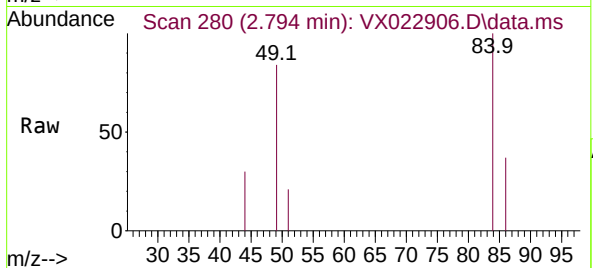
Ion Ratio Lower Upper

84 100

49 83.9 88.6 132.8#

51 21.1 27.0 40.6#

86 36.8 50.3 75.5#



#31

Cyclohexane

Concen: 1.17 ug/l

RT: 5.574 min Scan# 736

Delta R.T. 0.098 min

Lab File: VX022906.D

Acq: 25 Jun 2021 07:05

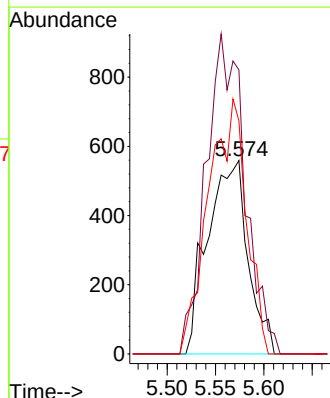
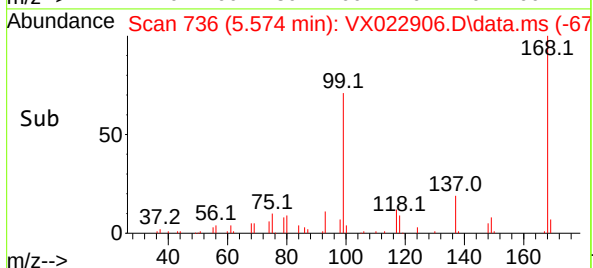
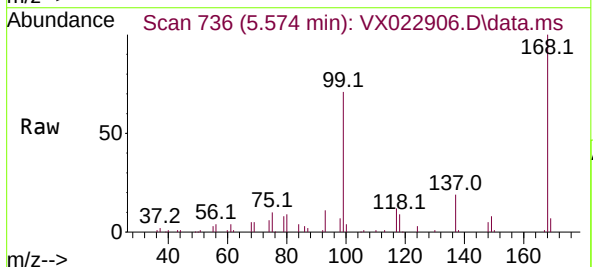
Tgt Ion: 56 Resp: 1623

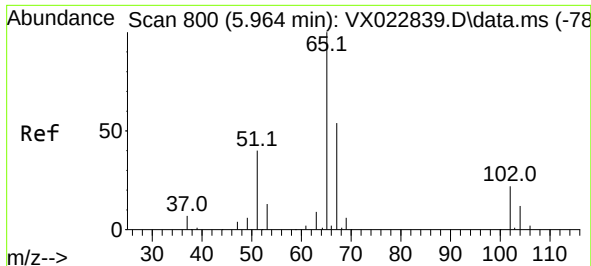
Ion Ratio Lower Upper

56 100

69 146.9 25.3 37.9#

84 120.6 71.4 107.0#

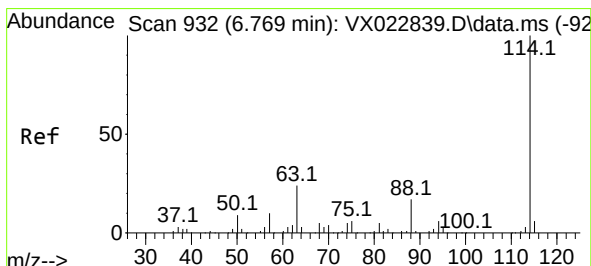
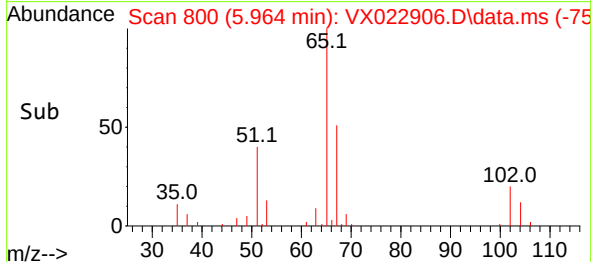
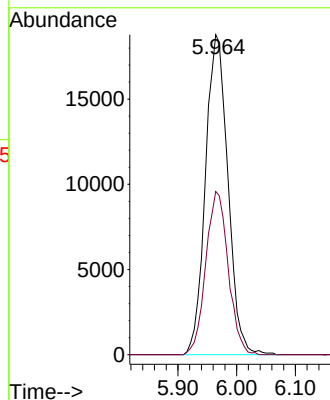
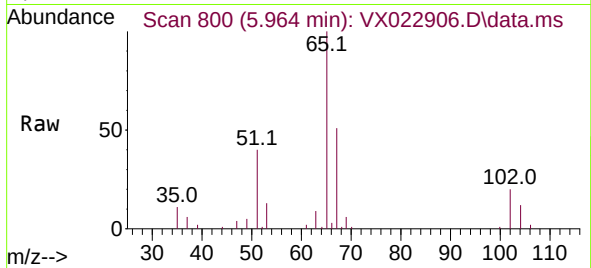




#33
 1,2-Dichloroethane-d4
 Concen: 50.54 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX022906.D
 Acq: 25 Jun 2021 07:05

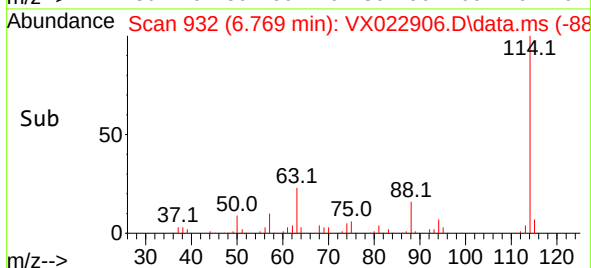
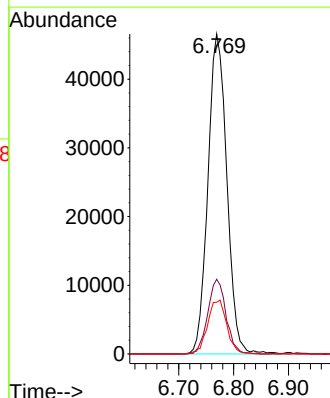
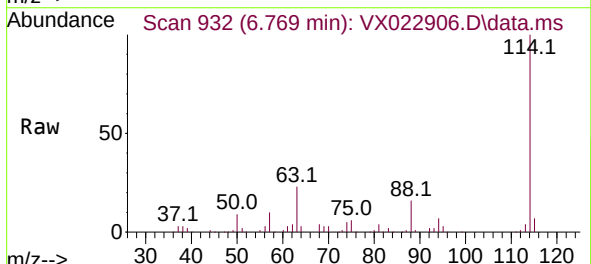
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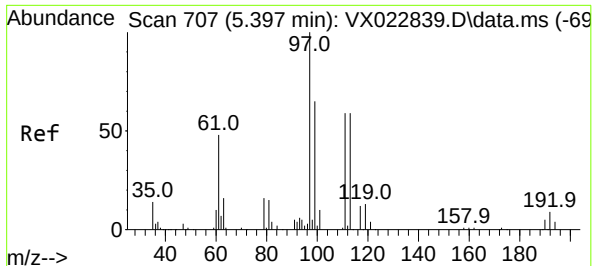
Tgt Ion: 65 Resp: 49871
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX022906.D
 Acq: 25 Jun 2021 07:05

Tgt Ion: 114 Resp: 111473
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 40.8
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.19 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022906.D

Acq: 25 Jun 2021 07:05

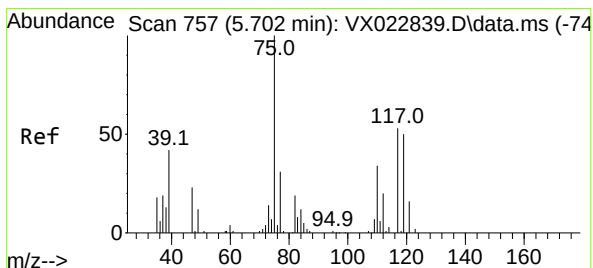
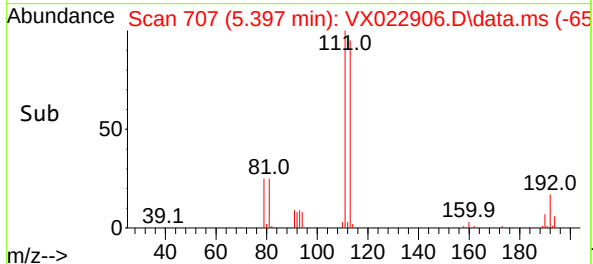
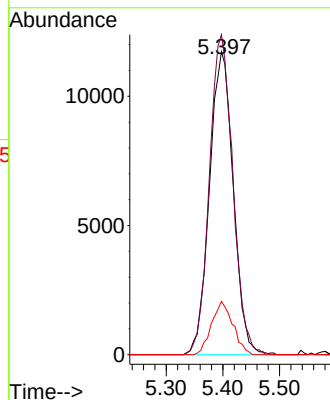
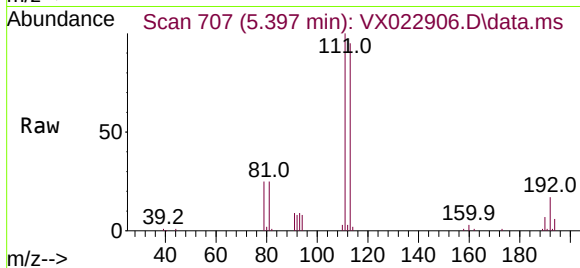
Tgt Ion:113 Resp: 34111

Ion Ratio Lower Upper

113 100

111 104.1 81.9 122.9

192 15.8 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.83 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022906.D

Acq: 25 Jun 2021 07:05

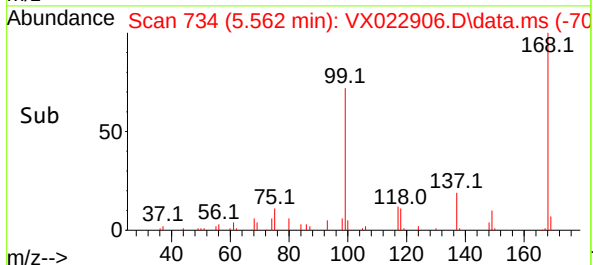
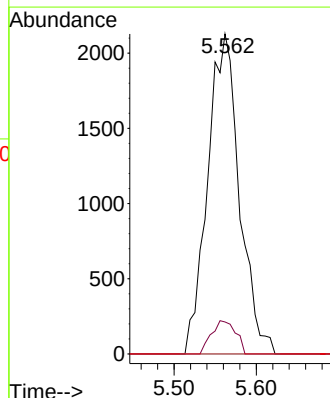
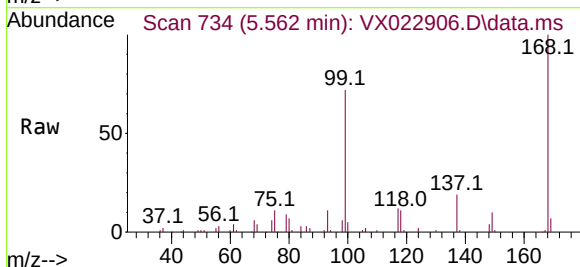
Tgt Ion: 75 Resp: 5721

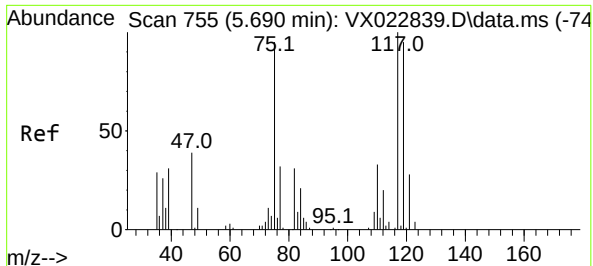
Ion Ratio Lower Upper

75 100

110 7.9 18.1 54.4#

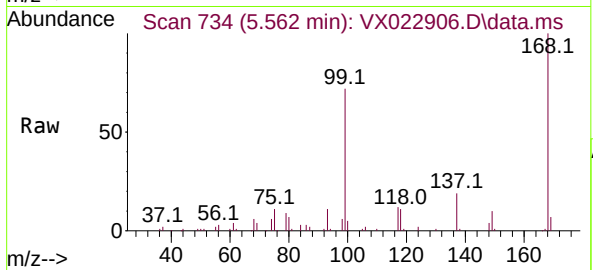
77 0.0 25.3 37.9#



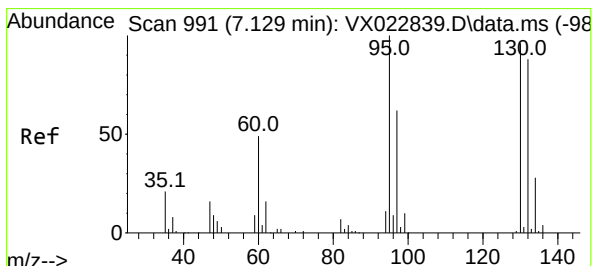
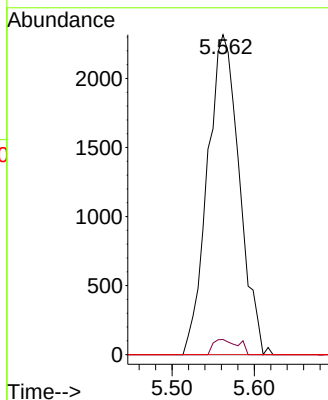
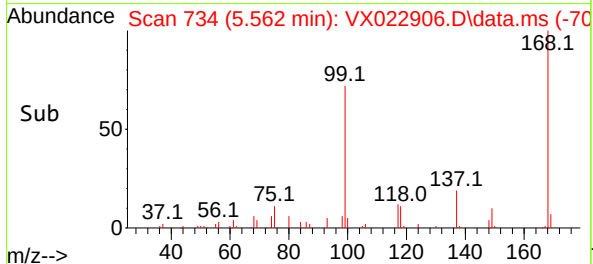


#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022906.D
Acq: 25 Jun 2021 07:05

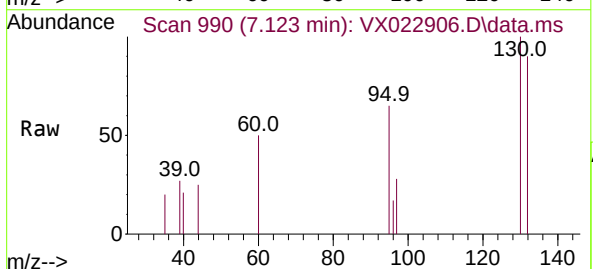
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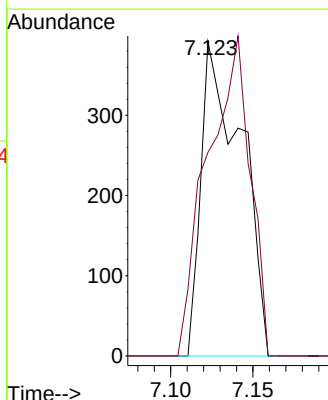
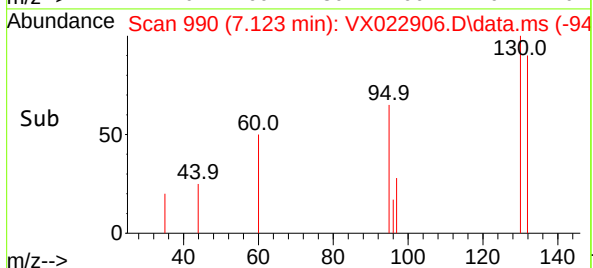
Tgt Ion:117 Resp: 6254
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

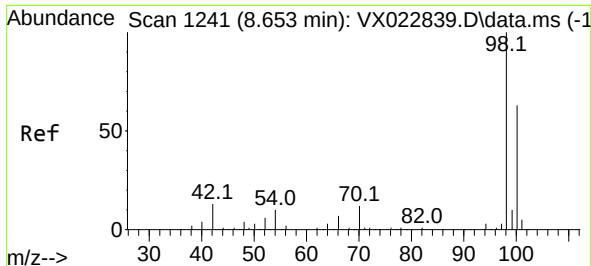


#44
Trichloroethene
Concen: 0.82 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX022906.D
Acq: 25 Jun 2021 07:05



Tgt Ion:130 Resp: 665
Ion Ratio Lower Upper
130 100
95 64.8 0.0 198.0

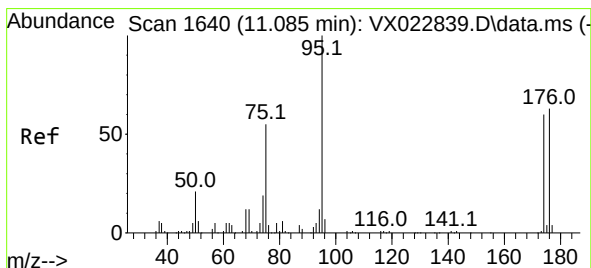
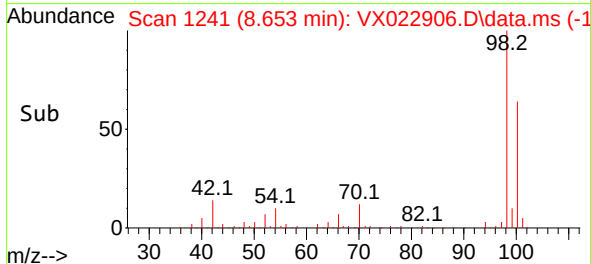
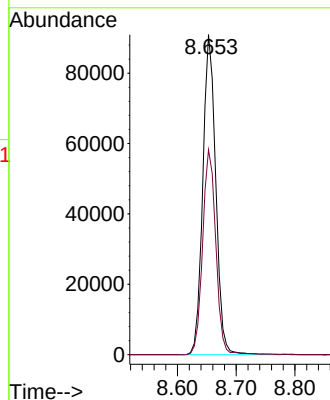
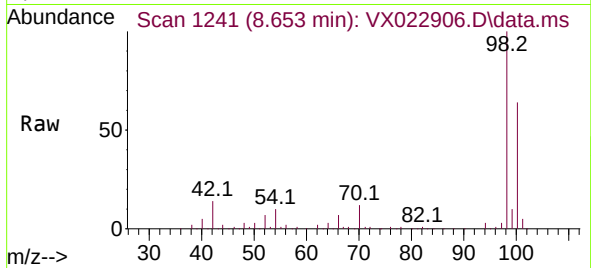




#50
Toluene-d8
Concen: 50.28 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022906.D
Acq: 25 Jun 2021 07:05

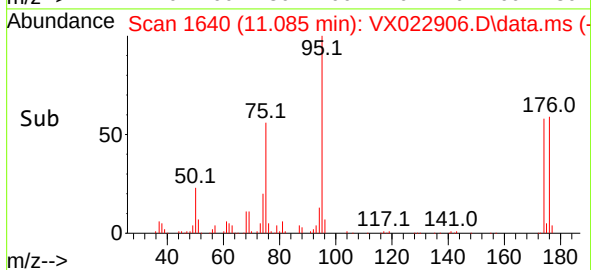
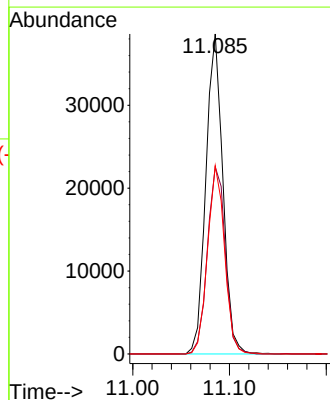
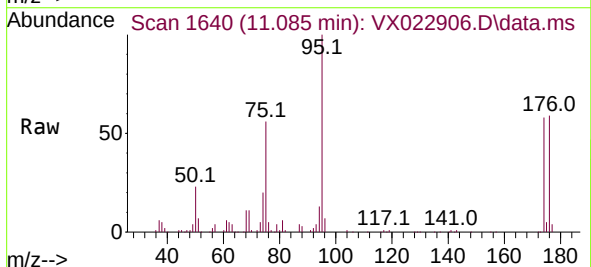
Instrument :
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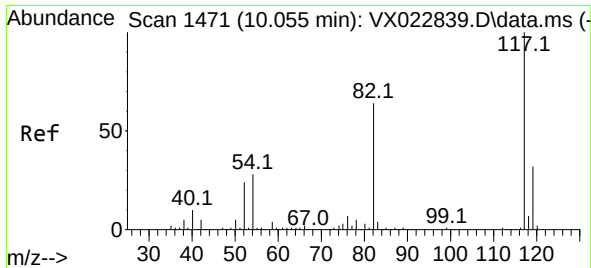
Tgt Ion: 98 Resp: 139481
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.50 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022906.D
Acq: 25 Jun 2021 07:05

Tgt Ion: 95 Resp: 47112
Ion Ratio Lower Upper
95 100
174 61.4 0.0 154.6
176 59.1 0.0 155.8

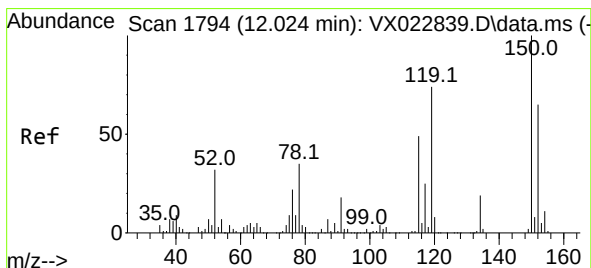
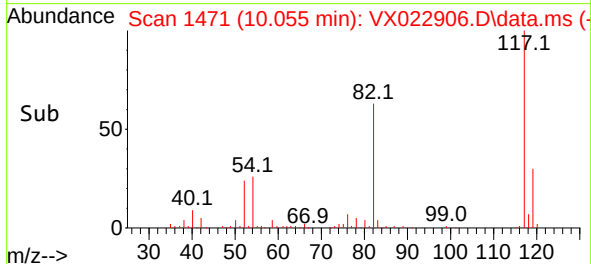
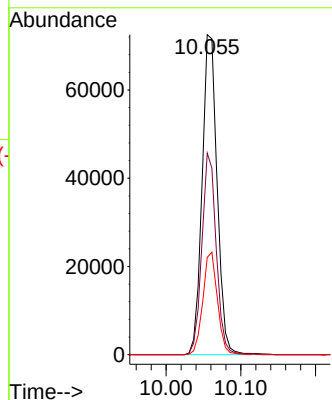
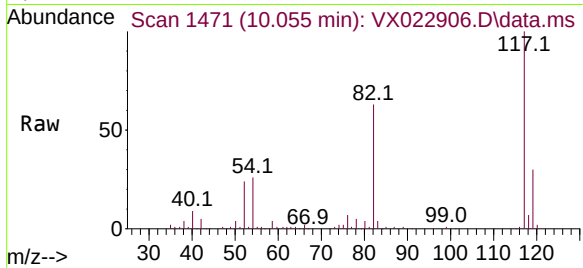




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022906.D
Acq: 25 Jun 2021 07:05

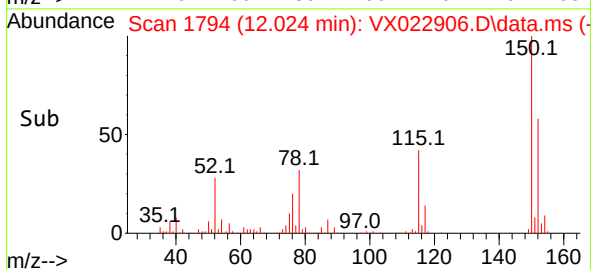
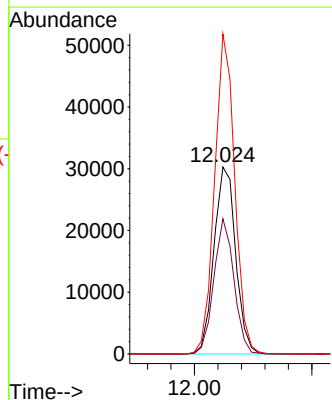
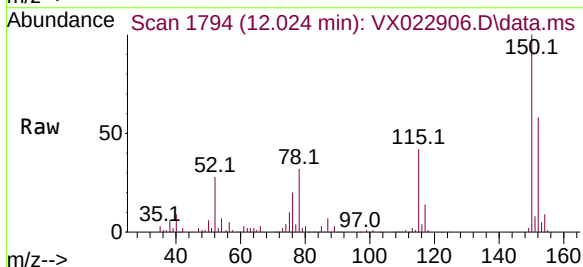
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20210622

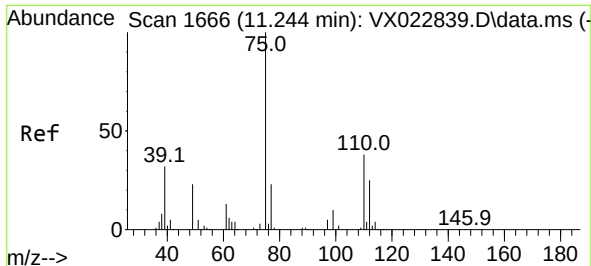
Tgt Ion:117 Resp: 101327
Ion Ratio Lower Upper
117 100
82 63.0 47.4 71.2
119 30.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022906.D
Acq: 25 Jun 2021 07:05

Tgt Ion:152 Resp: 38835
Ion Ratio Lower Upper
152 100
115 67.0 41.1 123.3
150 158.6 0.0 349.0

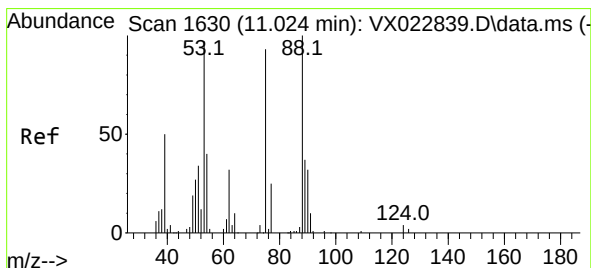
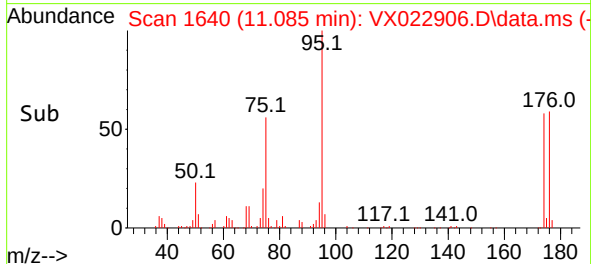
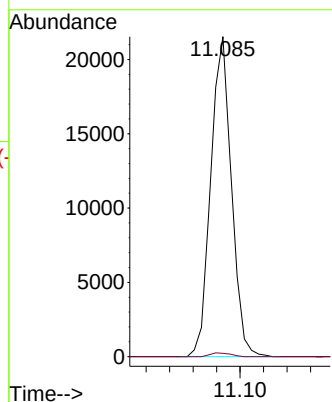
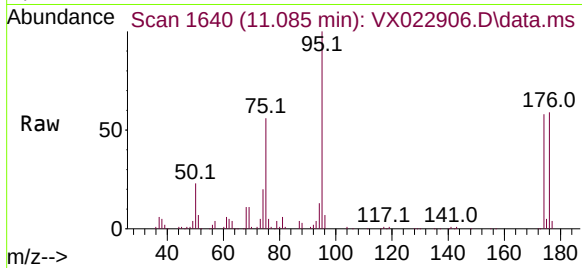




#76
1,2,3-Trichloropropane
Concen: 25.68 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022906.D
Acq: 25 Jun 2021 07:05

Instrument :
MSVOA_X
ClientSampleId :
DUP10-20210622

Tgt Ion: 75 Resp: 26345
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.85 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022906.D
Acq: 25 Jun 2021 07:05

Tgt Ion: 75 Resp: 26345
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

