

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026605.D
 Acq On : 26 Jan 2022 19:20
 Operator : JC/MD
 Sample : N1286-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16R

Quant Time: Jan 27 07:33:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

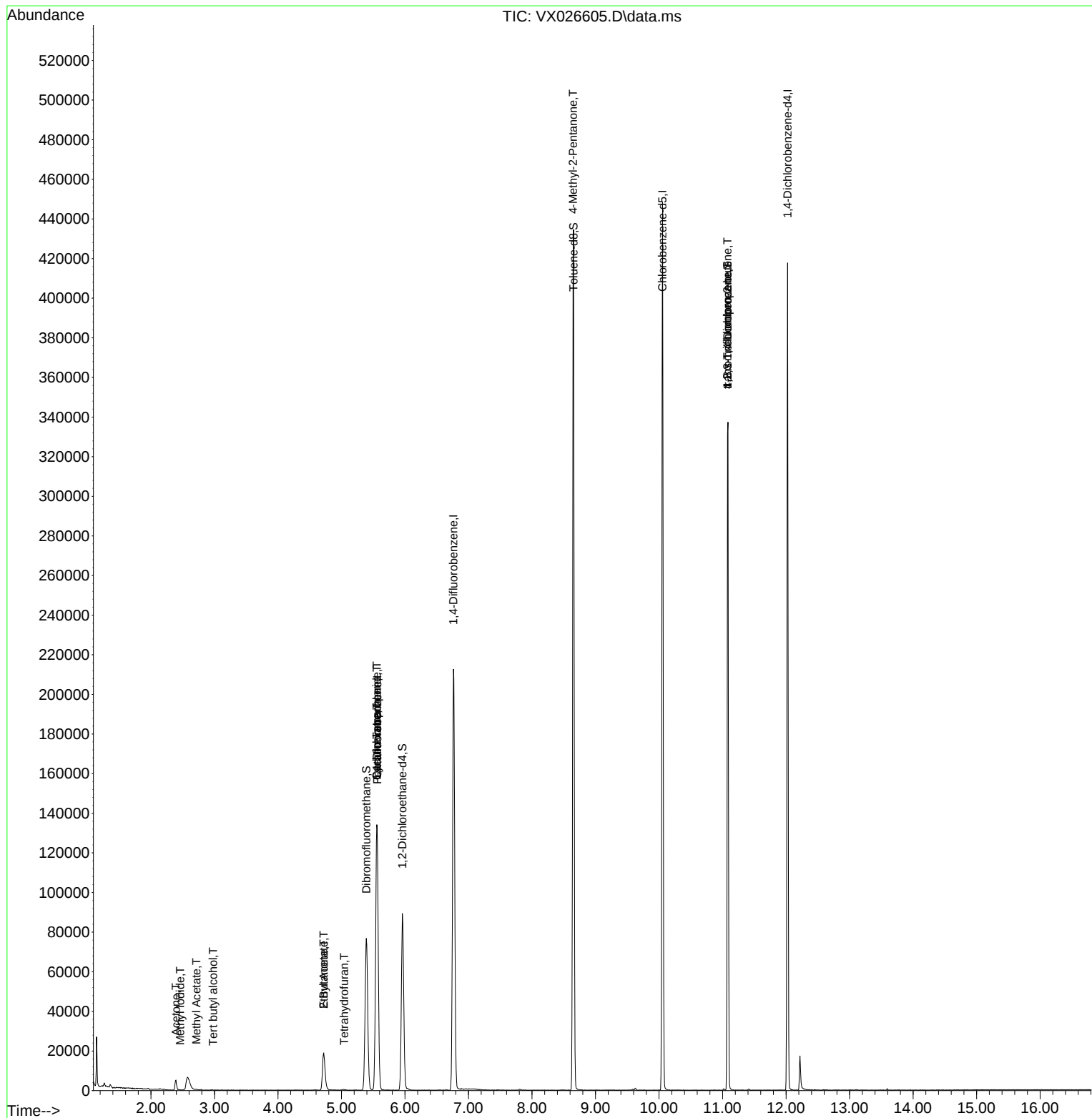
Internal Standards						
1) Pentafluorobenzene	5.562	168	126839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85289	48.136	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.280%
35) Dibromofluoromethane	5.391	113	67651	48.372	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.740%
50) Toluene-d8	8.653	98	257331	51.060	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.120%
62) 4-Bromofluorobenzene	11.079	95	95569	53.381	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.760%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	78	4.493	ug/l #	37
11) Tert butyl alcohol	2.977	59	92	0.373	ug/l #	75
16) Acetone	2.392	43	6174	6.833	ug/l	97
18) Methyl Acetate	2.715	43	549	0.306	ug/l #	62
25) 2-Butanone	4.721	43	34137	29.051	ug/l #	50
29) Tetrahydrofuran	5.044	42	500	0.716	ug/l #	34
31) Cyclohexane	5.556	56	2647	1.013	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	10047	4.551	ug/l #	50
37) Ethyl Acetate	4.721	43	34262	15.341	ug/l	98
38) Carbon Tetrachloride	5.556	117	13288	5.851	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1197	0.559	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47343	25.830	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47343	78.348	ug/l #	3

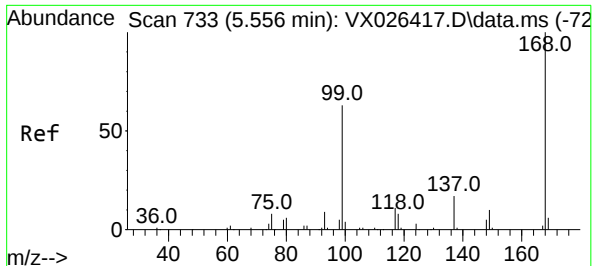
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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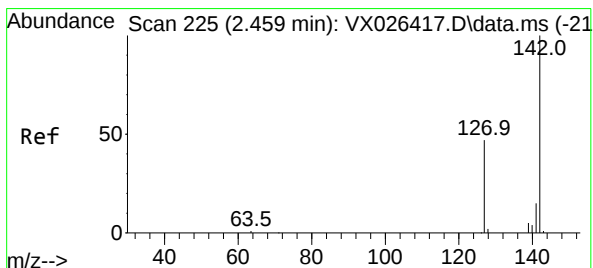
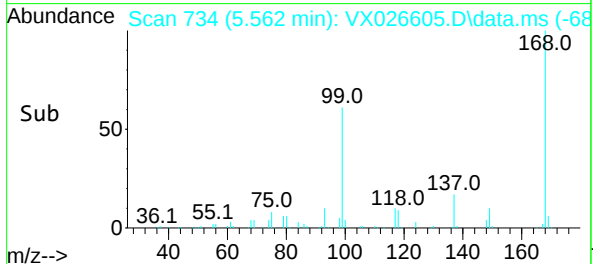
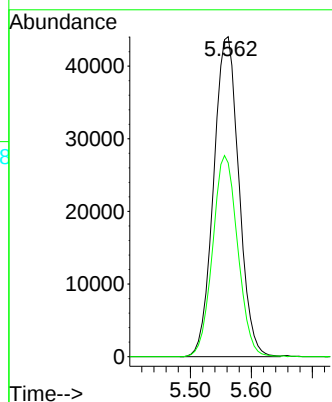
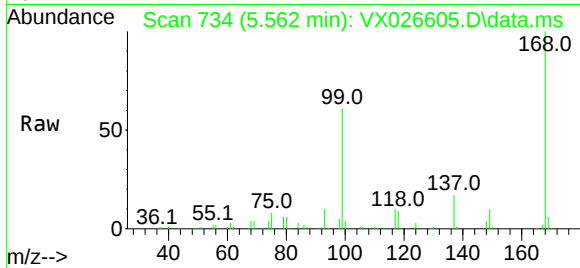




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026605.D
Acq: 26 Jan 2022 19:20

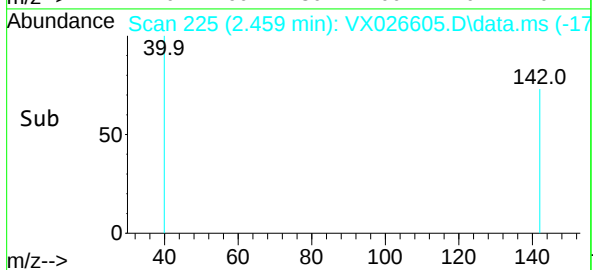
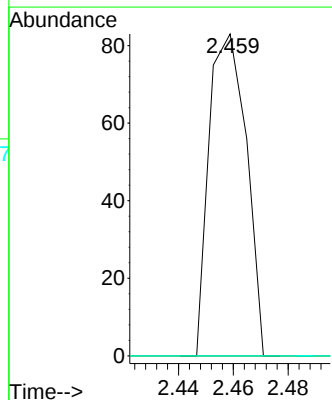
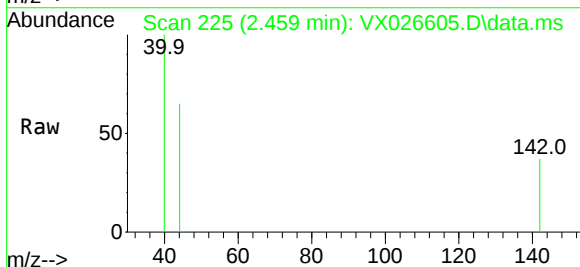
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

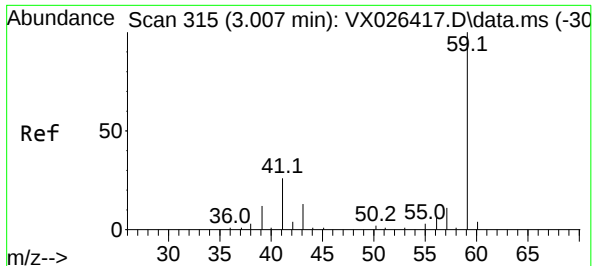
Tgt Ion:168 Resp: 126839
Ion Ratio Lower Upper
168 100
99 60.6 50.3 75.5



#10
Methyl Iodide
Concen: 4.493 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026605.D
Acq: 26 Jan 2022 19:20

Tgt Ion:142 Resp: 78
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 0.373 ug/l

RT: 2.977 min Scan# 315

Delta R.T. -0.030 min

Lab File: VX026605.D

Acq: 26 Jan 2022 19:20

Instrument :

MSVOA_X

ClientSampleId :

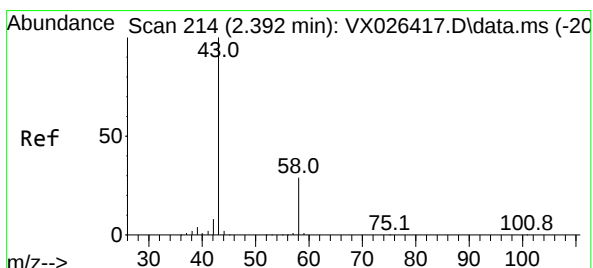
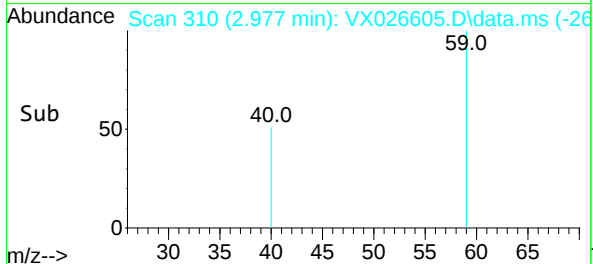
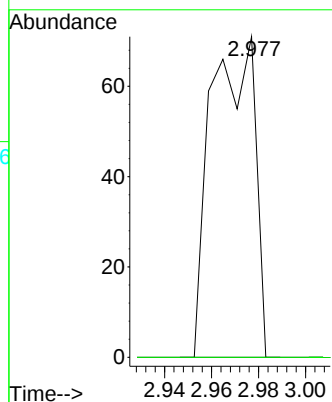
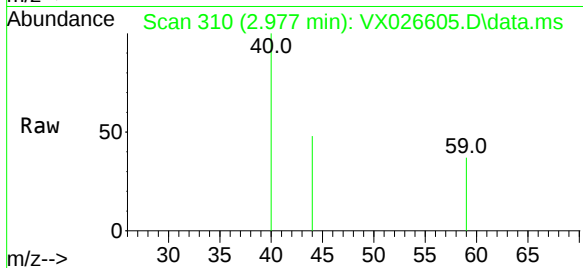
MW-16R

Tgt Ion: 59 Resp: 92

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 6.833 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX026605.D

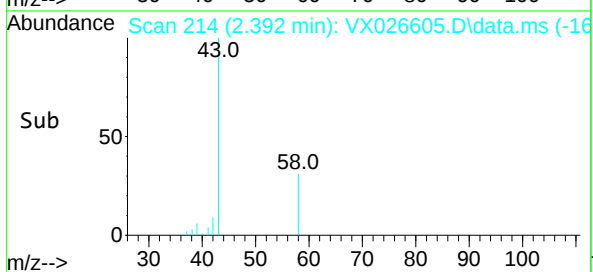
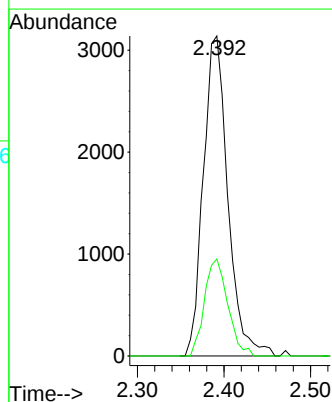
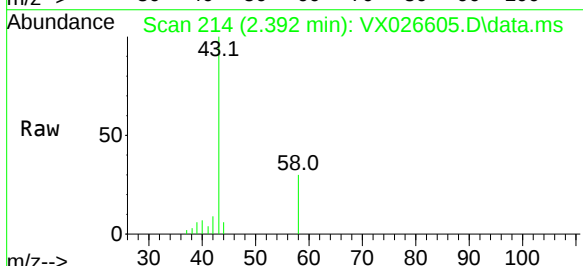
Acq: 26 Jan 2022 19:20

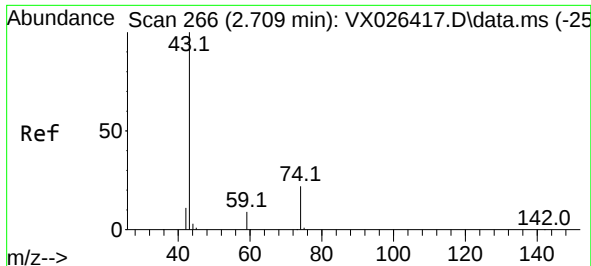
Tgt Ion: 43 Resp: 6174

Ion Ratio Lower Upper

43 100

58 30.3 23.0 34.6

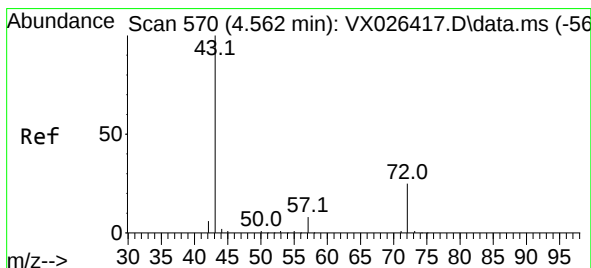
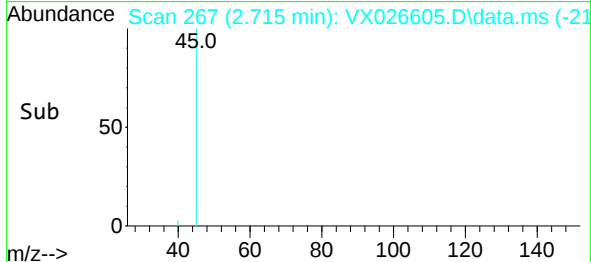
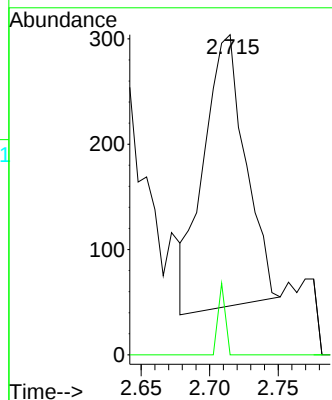
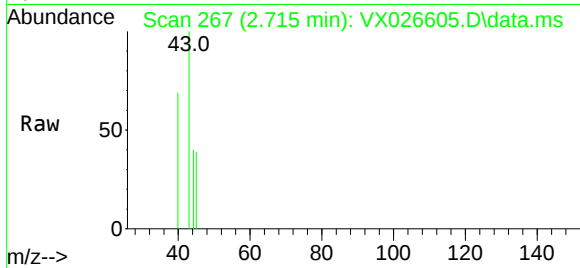




#18
Methyl Acetate
Concen: 0.306 ug/l
RT: 2.715 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX026605.D
Acq: 26 Jan 2022 19:20

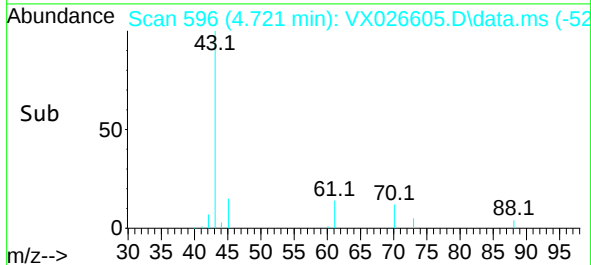
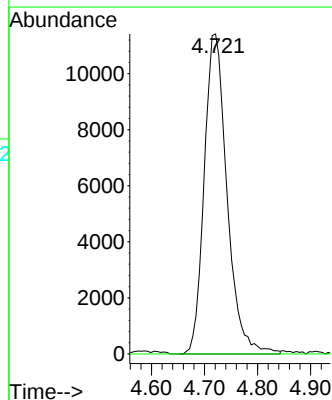
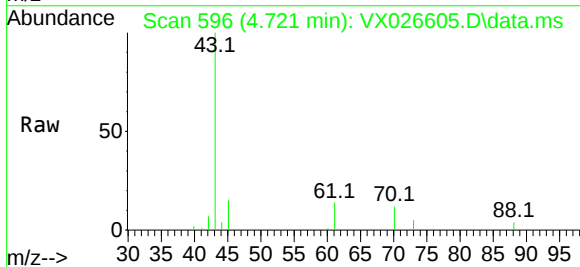
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

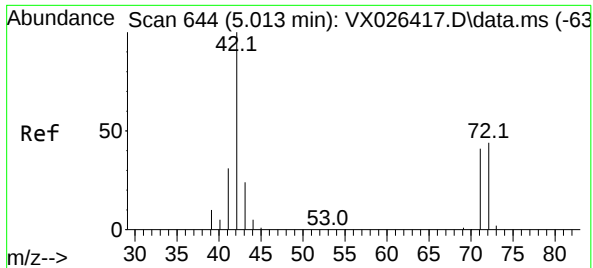
Tgt Ion: 43 Resp: 549
Ion Ratio Lower Upper
43 100
74 4.6 18.3 27.5#



#25
2-Butanone
Concen: 29.051 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.158 min
Lab File: VX026605.D
Acq: 26 Jan 2022 19:20

Tgt Ion: 43 Resp: 34137
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#





#29

Tetrahydrofuran

Concen: 0.716 ug/l

RT: 5.044 min Scan# 644

Delta R.T. 0.030 min

Lab File: VX026605.D

Acq: 26 Jan 2022 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-16R

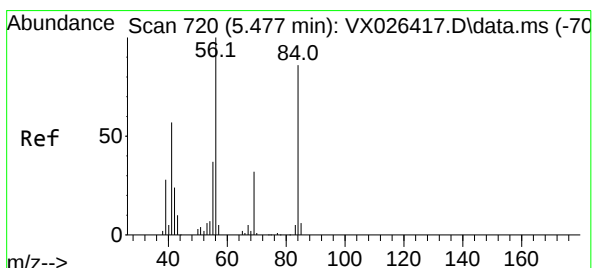
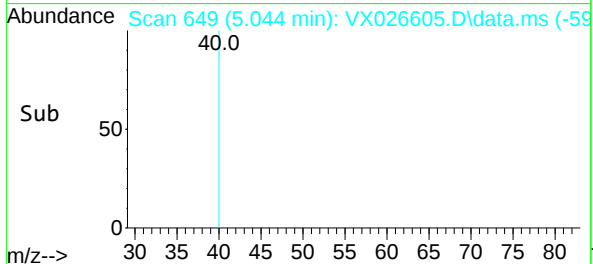
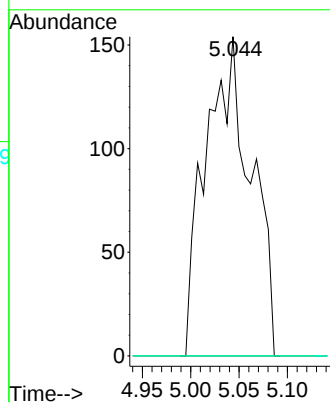
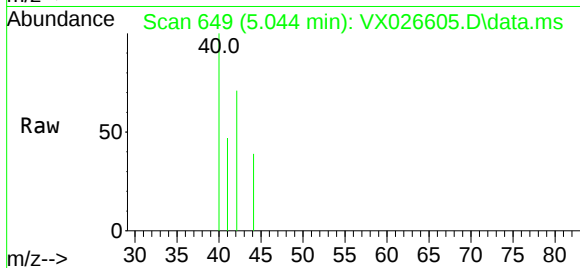
Tgt Ion: 42 Resp: 500

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 0.0 31.8 47.8#



#31

Cyclohexane

Concen: 1.013 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026605.D

Acq: 26 Jan 2022 19:20

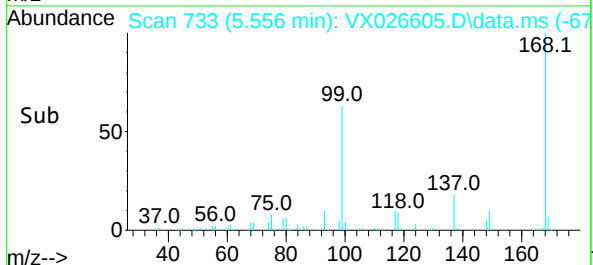
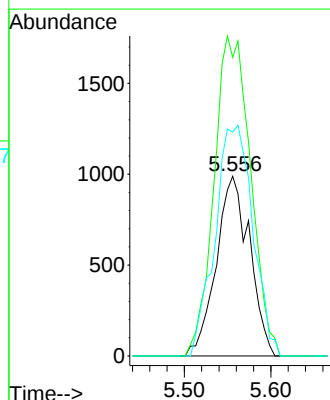
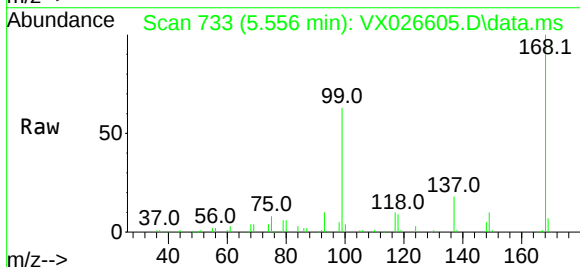
Tgt Ion: 56 Resp: 2647

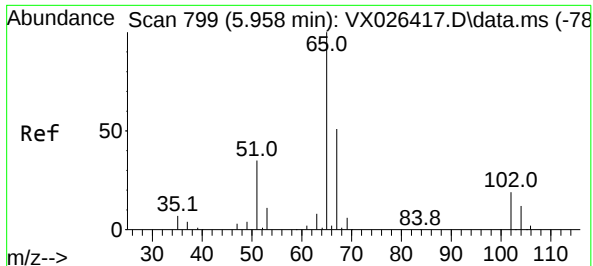
Ion Ratio Lower Upper

56 100

69 166.1 25.8 38.6#

84 124.6 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 48.136 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX026605.D

Acq: 26 Jan 2022 19:20

Instrument :

MSVOA_X

ClientSampleId :

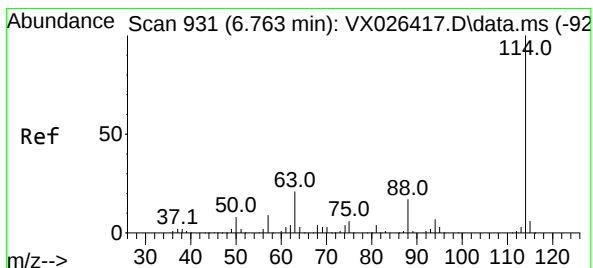
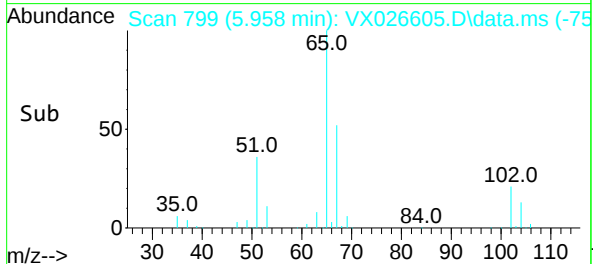
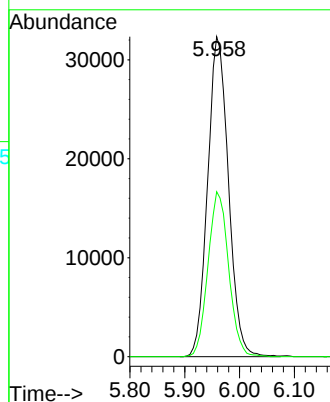
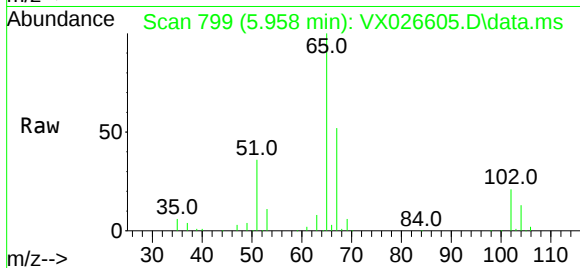
MW-16R

Tgt Ion: 65 Resp: 85289

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX026605.D

Acq: 26 Jan 2022 19:20

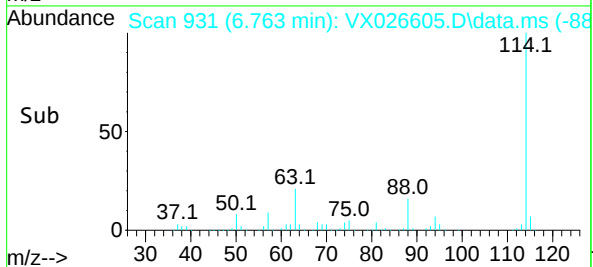
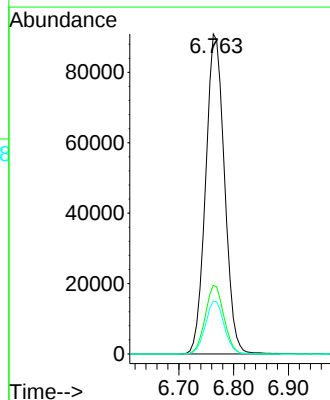
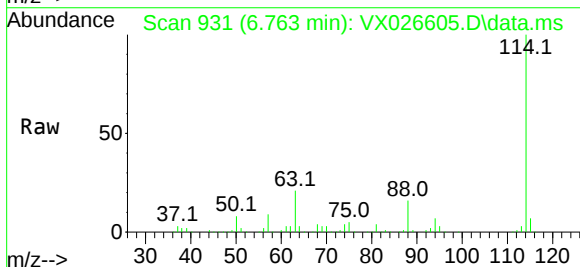
Tgt Ion: 114 Resp: 216573

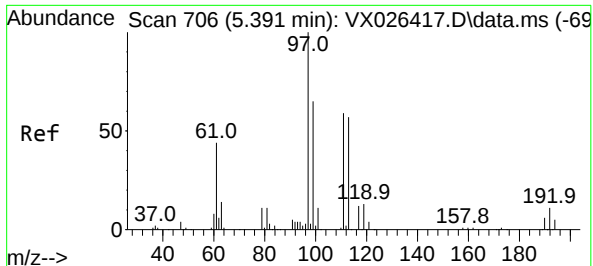
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.8

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.372 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026605.D

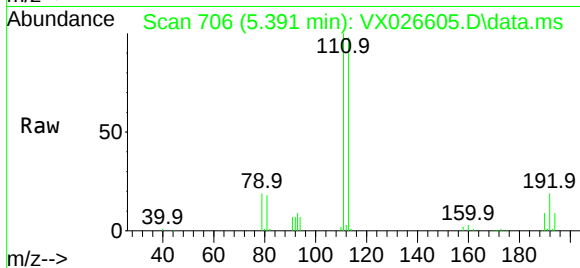
Acq: 26 Jan 2022 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-16R



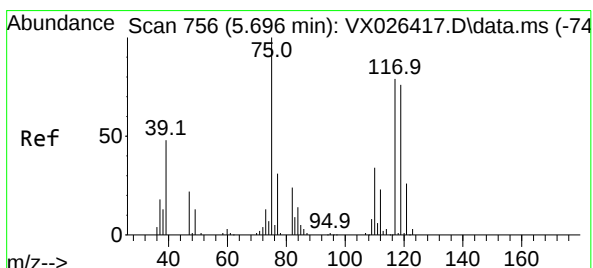
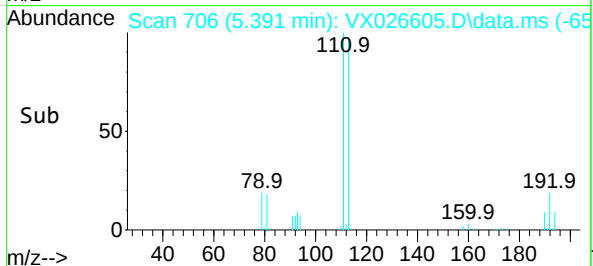
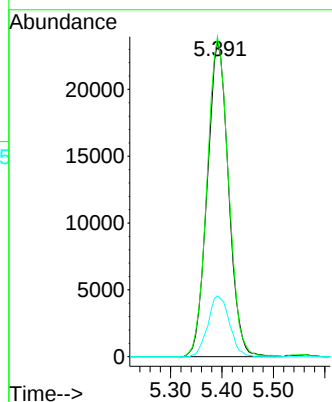
Tgt Ion:113 Resp: 67651

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

192 19.5 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.551 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026605.D

Acq: 26 Jan 2022 19:20

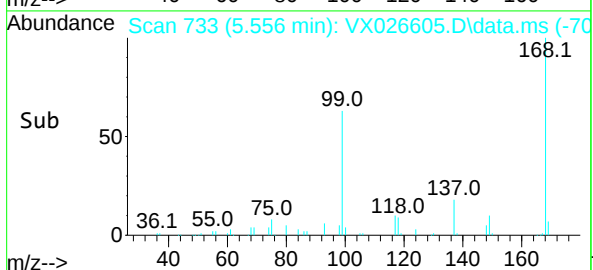
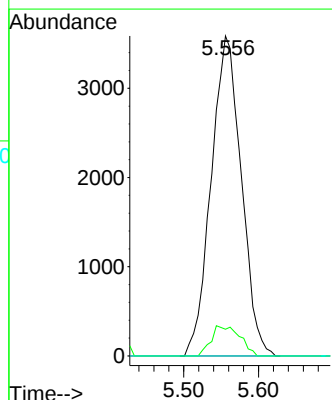
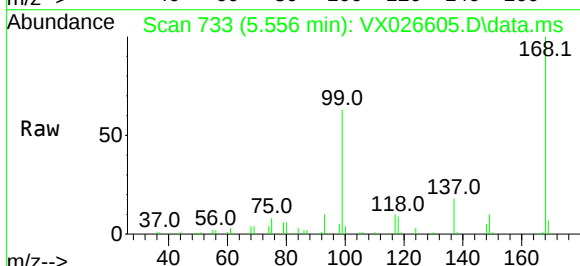
Tgt Ion: 75 Resp: 10047

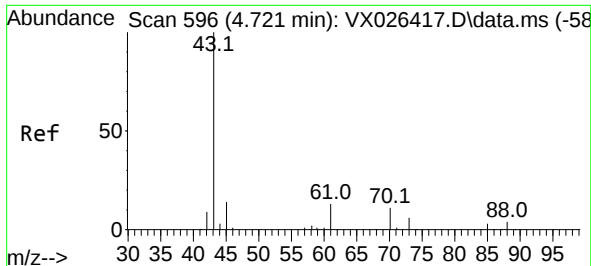
Ion Ratio Lower Upper

75 100

110 9.0 17.2 51.6#

77 0.0 24.6 36.8#

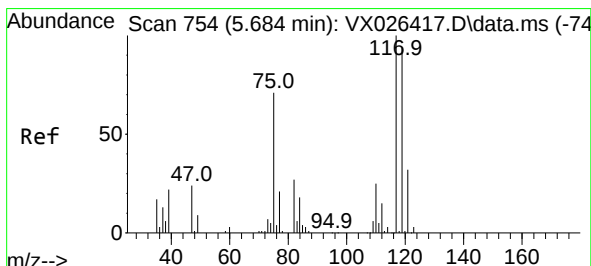
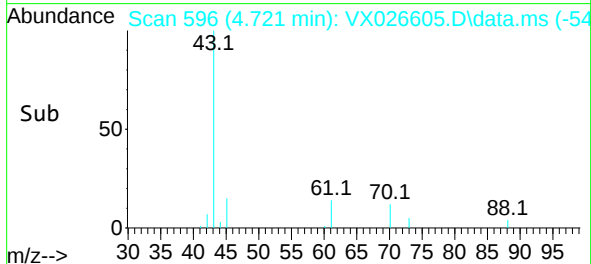
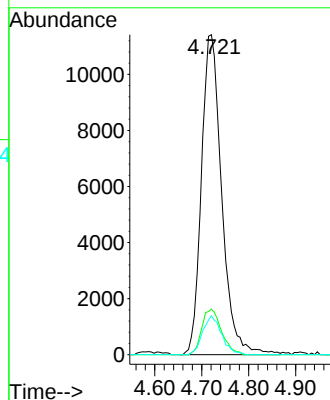
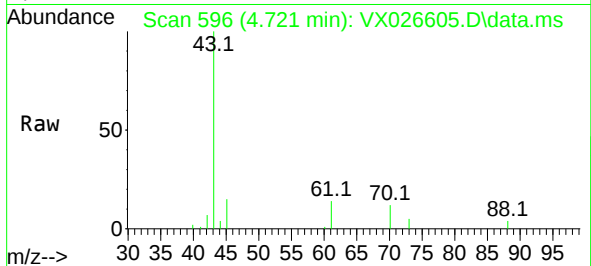




#37
Ethyl Acetate
Concen: 15.341 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX026605.D
Acq: 26 Jan 2022 19:20

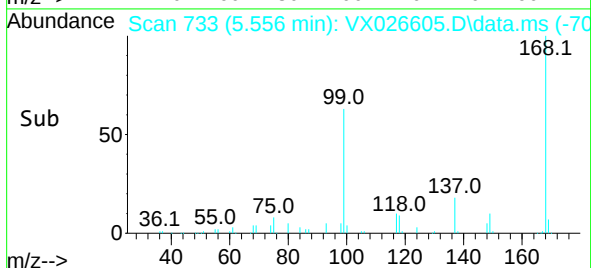
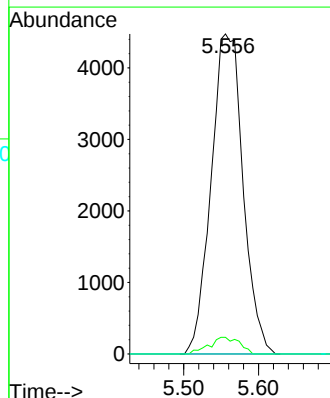
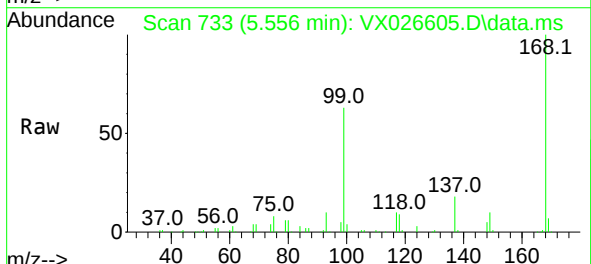
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

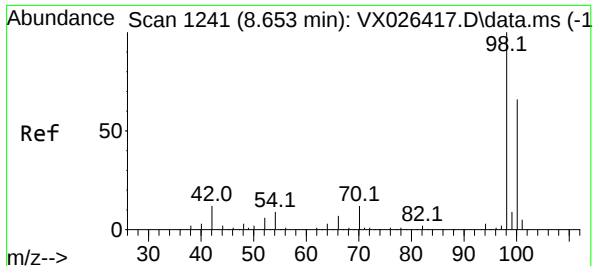
Tgt Ion:	43	Resp:	34262
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.6	16.0
70	11.3	8.5	12.7



#38
Carbon Tetrachloride
Concen: 5.851 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026605.D
Acq: 26 Jan 2022 19:20

Tgt Ion:	117	Resp:	13288
Ion	Ratio	Lower	Upper
117	100		
119	5.2	74.7	112.1#
121	0.0	25.4	38.0#

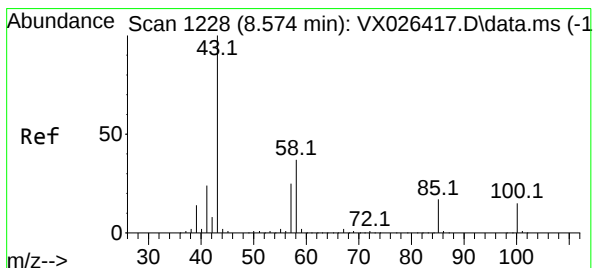
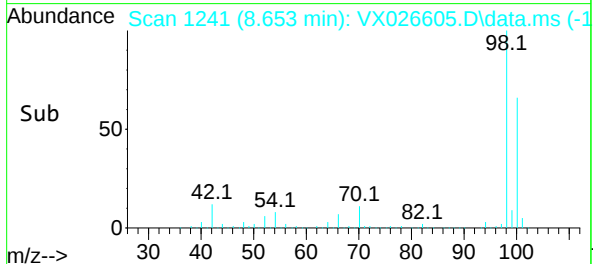
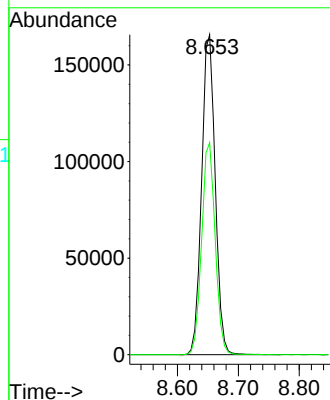
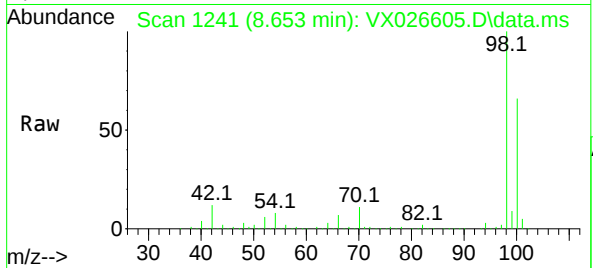




#50
Toluene-d8
Concen: 51.060 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026605.D
Acq: 26 Jan 2022 19:20

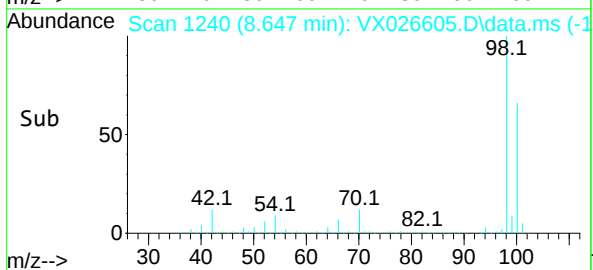
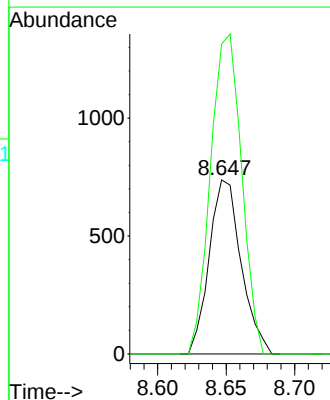
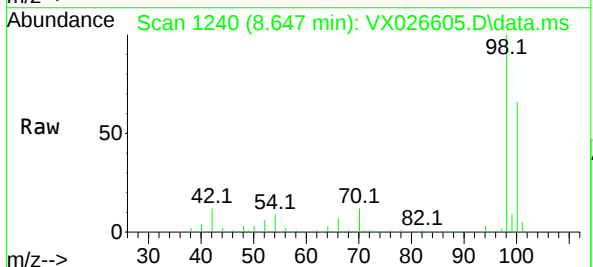
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

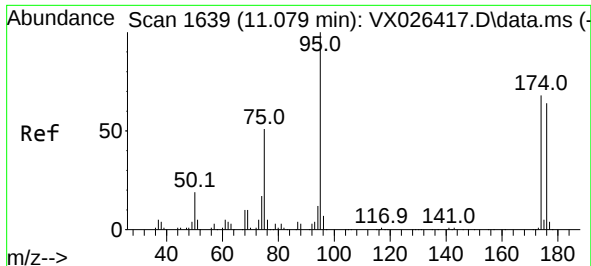
Tgt Ion: 98 Resp: 257331
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX026605.D
Acq: 26 Jan 2022 19:20

Tgt Ion: 43 Resp: 1197
Ion Ratio Lower Upper
43 100
58 178.9 30.5 45.7#

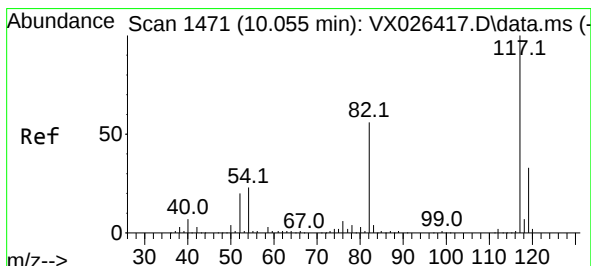
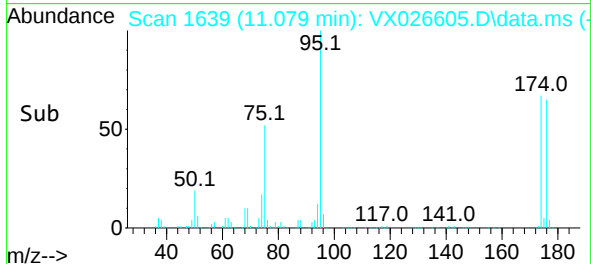
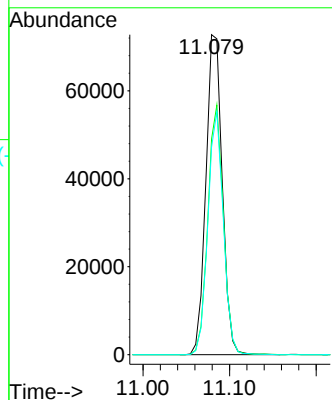
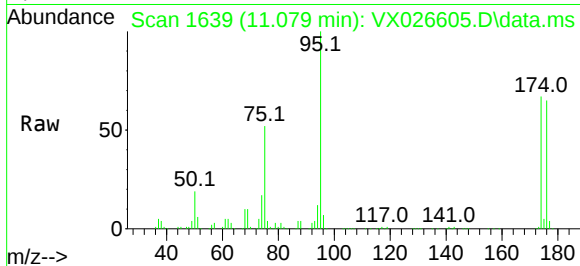




#62
4-Bromofluorobenzene
Concen: 53.381 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026605.D
Acq: 26 Jan 2022 19:20

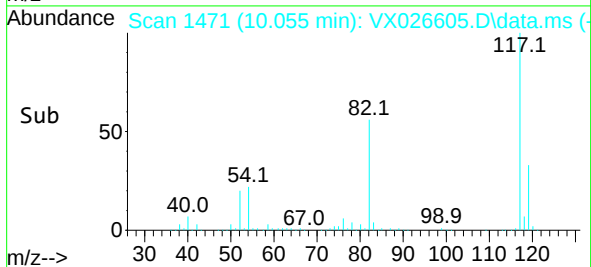
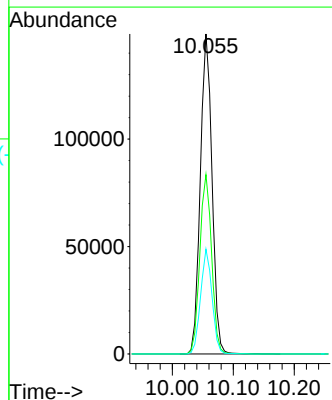
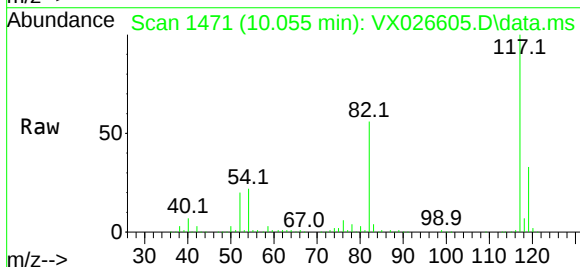
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

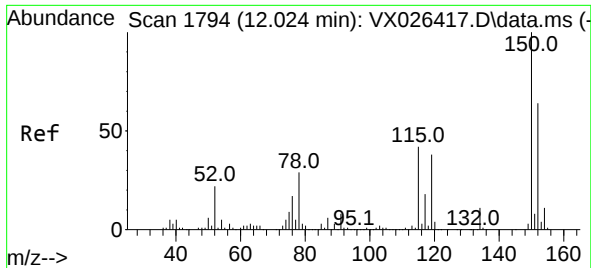
Tgt Ion: 95 Resp: 95569
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.6
176 71.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026605.D
Acq: 26 Jan 2022 19:20

Tgt Ion: 117 Resp: 199064
Ion Ratio Lower Upper
117 100
82 56.0 45.2 67.8
119 32.7 26.2 39.2

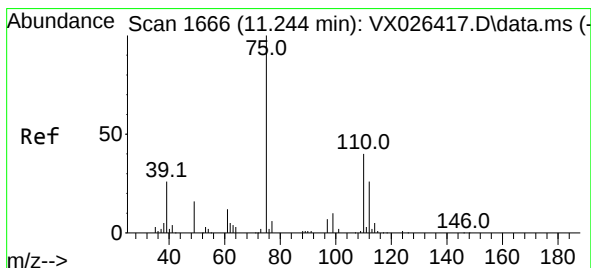
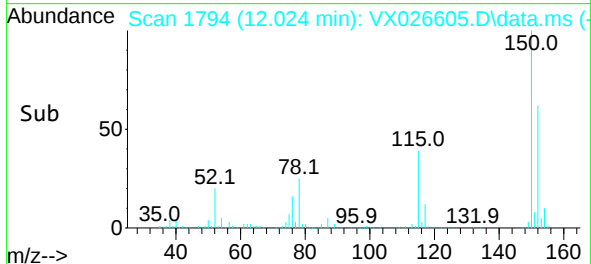
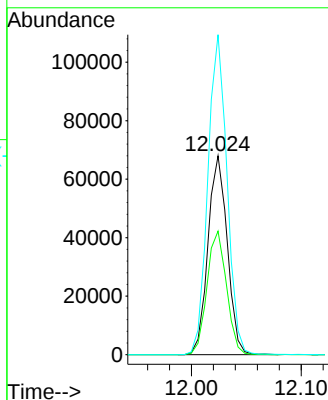
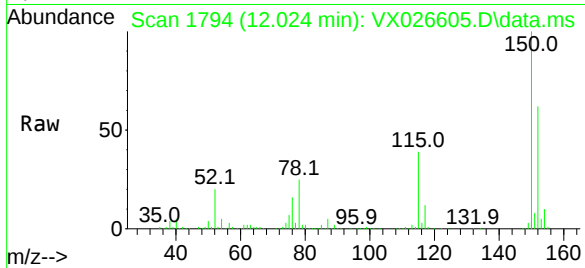




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026605.D
 Acq: 26 Jan 2022 19:20

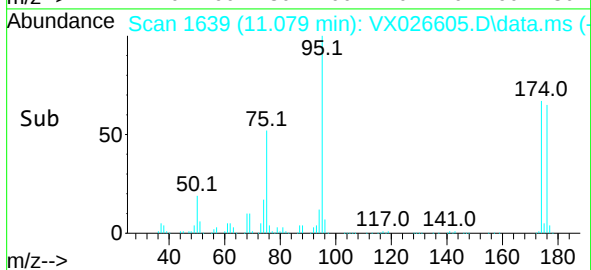
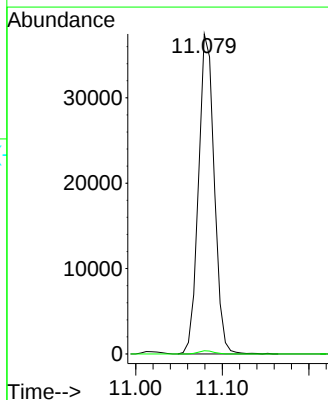
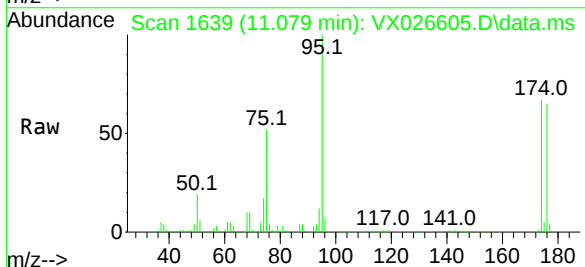
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16R

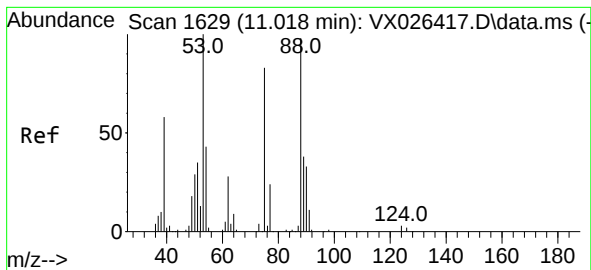
Tgt Ion:152 Resp: 83245
 Ion Ratio Lower Upper
 152 100
 115 62.8 44.2 132.6
 150 159.7 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.830 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026605.D
 Acq: 26 Jan 2022 19:20

Tgt Ion: 75 Resp: 47343
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.348 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026605.D
 Acq: 26 Jan 2022 19:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16R

Tgt Ion: 75 Resp: 47343
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

