

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028825.D
 Acq On : 19 May 2022 15:09
 Operator : JC/MD
 Sample : N2941-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 42S-20220518

Quant Time: May 20 01:47:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

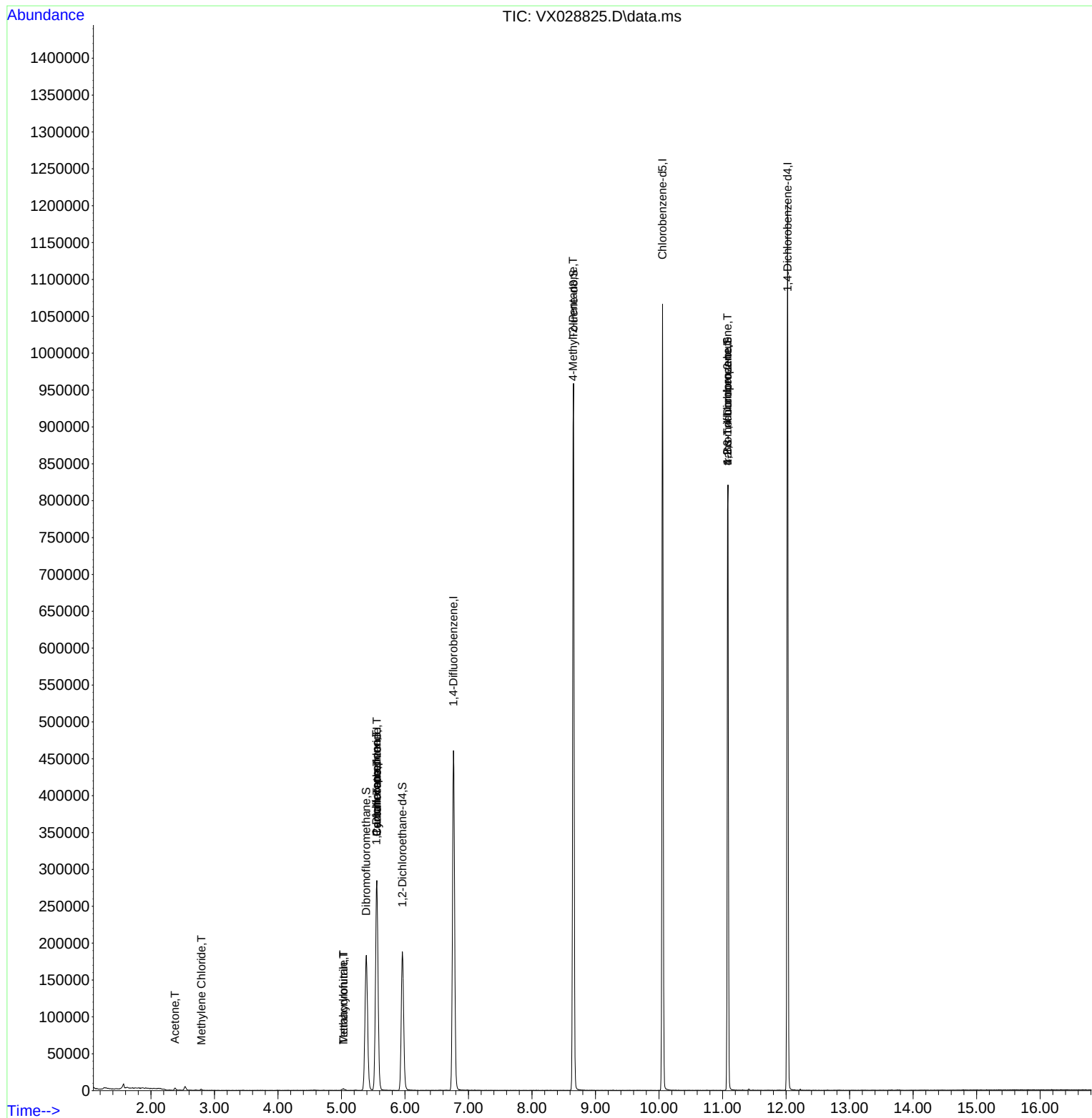
Internal Standards						
1) Pentafluorobenzene	5.556	168	258534	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	472124	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	451151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	181405	51.188	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.380%	
35) Dibromofluoromethane	5.385	113	156235	50.508	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.020%	
50) Toluene-d8	8.653	98	562145	48.202	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.400%	
62) 4-Bromofluorobenzene	11.079	95	212253	48.727	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.460%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	527	Below Cal	#	67
6) Chloroethane	1.691	64	256	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	32	Below Cal	#	72
16) Acetone	2.380	43	3315	2.180	ug/l	94
20) Methylene Chloride	2.794	84	680	0.213	ug/l	# 79
29) Tetrahydrofuran	5.031	42	2038	1.313	ug/l	# 86
31) Cyclohexane	5.556	56	6319	1.285	ug/l	# 7
36) 1,1-Dichloropropene	5.550	75	20896	4.498	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	28038	5.997	ug/l	# 14
41) Methacrylonitrile	5.031	41	1176	0.452	ug/l	# 37
51) 4-Methyl-2-Pentanone	8.647	43	2653	0.531	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	112107	20.605	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	112107	60.581	ug/l	# 15

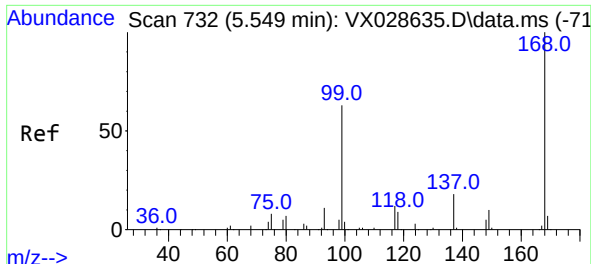
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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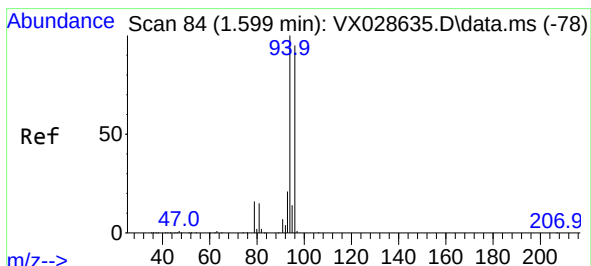
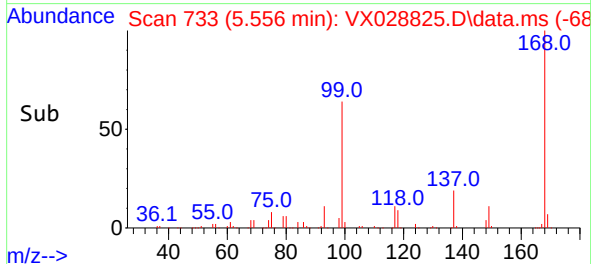
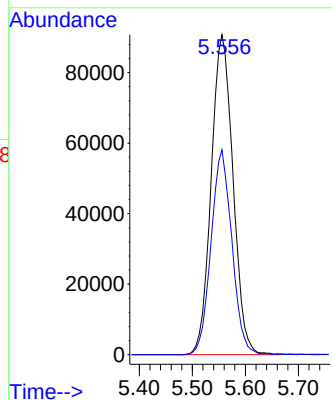
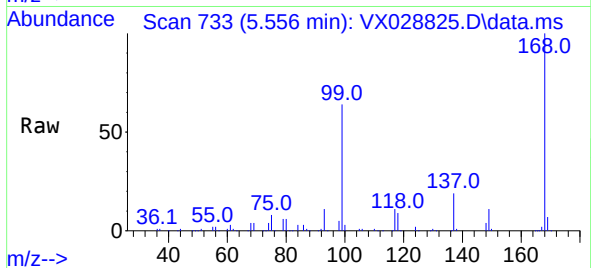




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028825.D
Acq: 19 May 2022 15:09

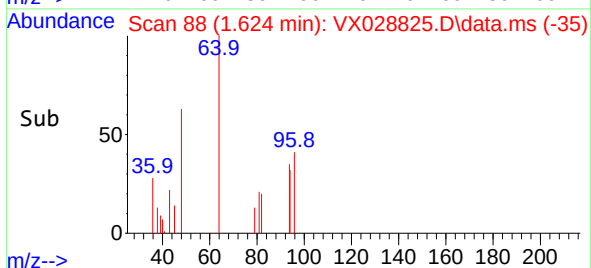
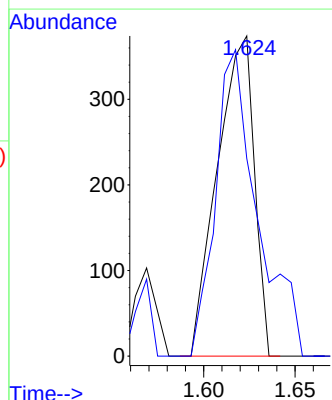
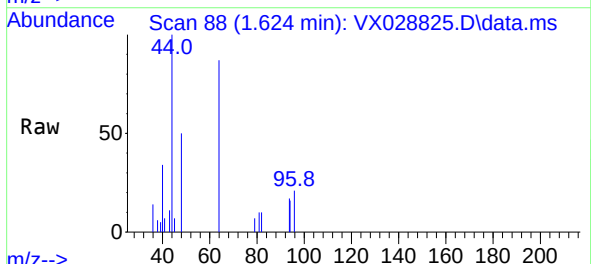
Instrument :
MSVOA_X
ClientSampleId :
42S-20220518

Tgt Ion:168 Resp: 258534
Ion Ratio Lower Upper
168 100
99 64.0 41.7 62.5#

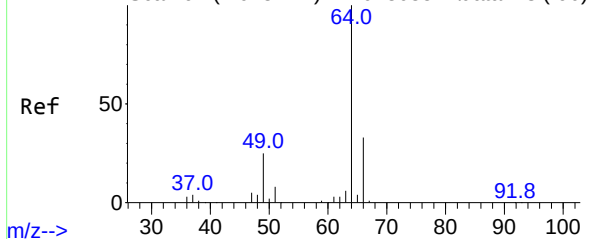


#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX028825.D
Acq: 19 May 2022 15:09

Tgt Ion: 94 Resp: 527
Ion Ratio Lower Upper
94 100
96 61.8 75.3 112.9#



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6

Chloroethane

Concen: Below Cal

RT: 1.691 min Scan# 91

Delta R.T. 0.013 min

Lab File: VX028825.D

Acq: 19 May 2022 15:09

Instrument :

MSVOA_X

ClientSampleId :

42S-20220518

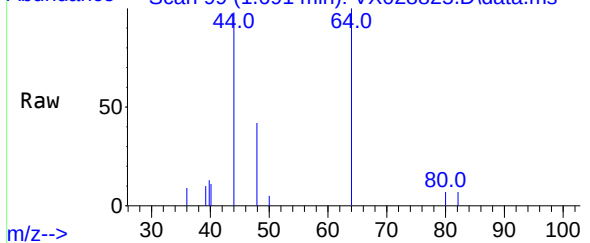
Tgt Ion: 64 Resp: 256

Ion Ratio Lower Upper

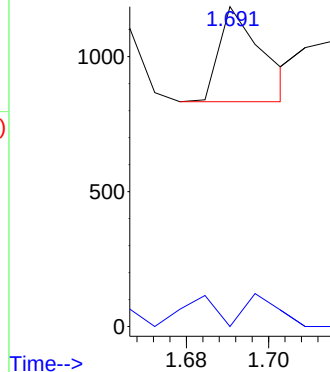
64 100

66 0.0 25.3 37.9#

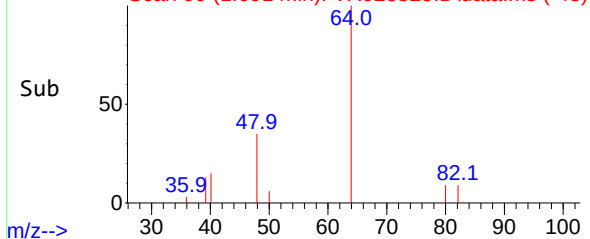
Abundance Scan 99 (1.691 min): VX028825.D\data.ms



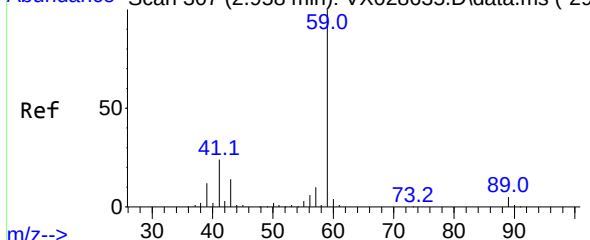
Abundance



Abundance Scan 99 (1.691 min): VX028825.D\data.ms (-48)



Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.005 min

Lab File: VX028825.D

Acq: 19 May 2022 15:09

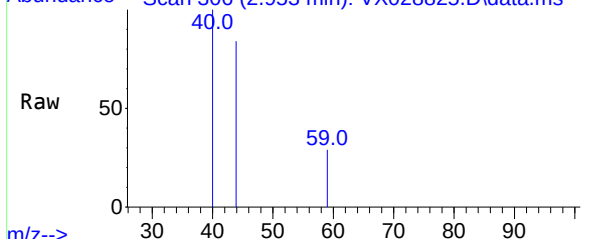
Tgt Ion: 59 Resp: 32

Ion Ratio Lower Upper

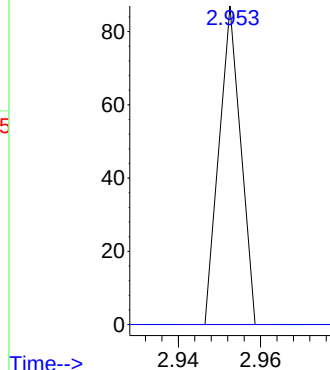
59 100

57 0.0 8.3 12.5#

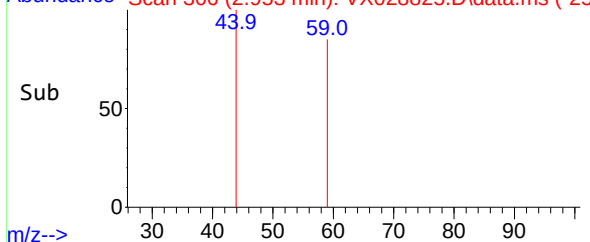
Abundance Scan 306 (2.953 min): VX028825.D\data.ms

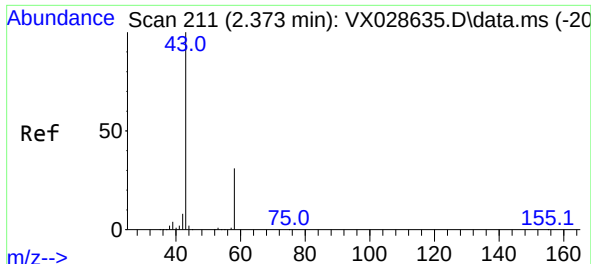


Abundance



Abundance Scan 306 (2.953 min): VX028825.D\data.ms (-25)

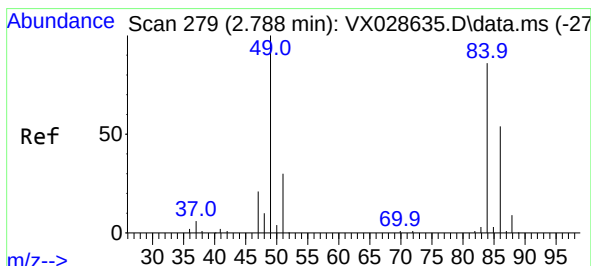
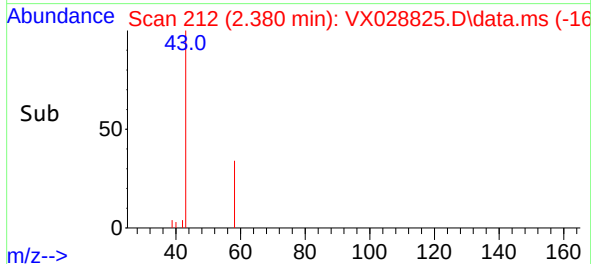
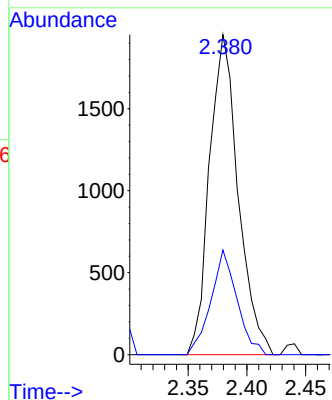
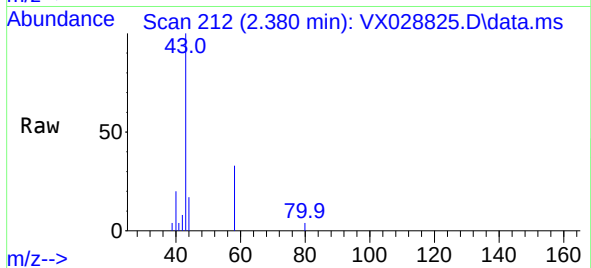




#16
Acetone
Concen: 2.180 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028825.D
Acq: 19 May 2022 15:09

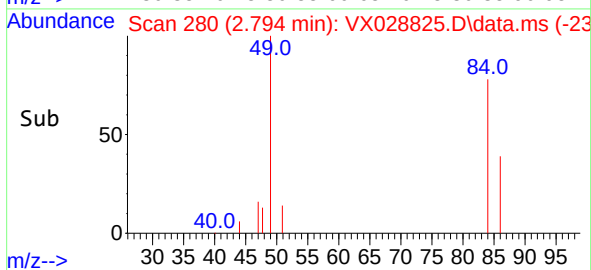
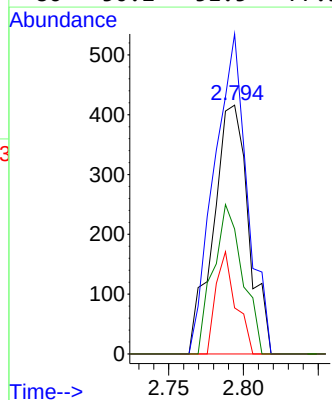
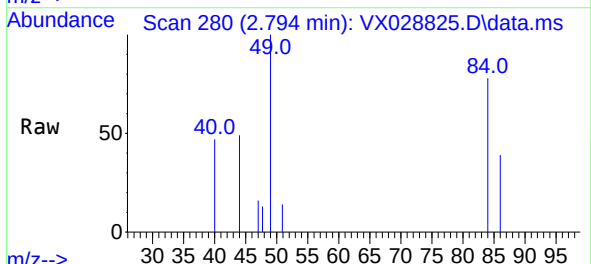
Instrument :
MSVOA_X
ClientSampleId :
42S-20220518

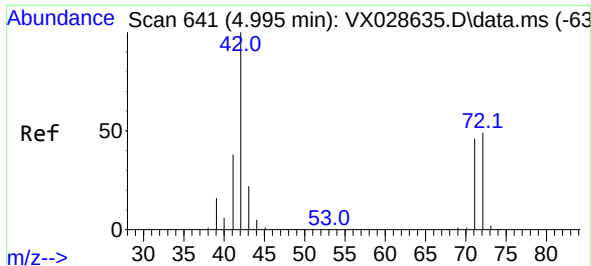
Tgt Ion: 43 Resp: 3315
Ion Ratio Lower Upper
43 100
58 32.7 28.8 43.2



#20
Methylene Chloride
Concen: 0.213 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028825.D
Acq: 19 May 2022 15:09

Tgt Ion: 84 Resp: 680
Ion Ratio Lower Upper
84 100
49 128.6 85.5 128.3#
51 18.5 26.6 39.8#
86 50.2 51.5 77.3#





#29

Tetrahydrofuran

Concen: 1.313 ug/l

RT: 5.031 min Scan# 641

Delta R.T. 0.036 min

Lab File: VX028825.D

Acq: 19 May 2022 15:09

Instrument :

MSVOA_X

ClientSampleId :

42S-20220518

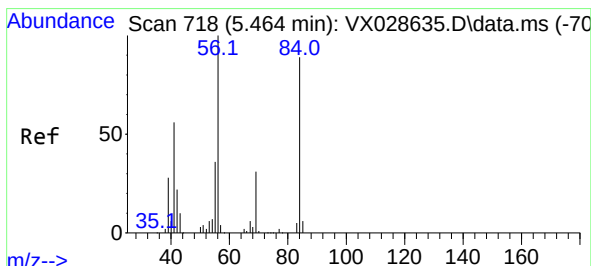
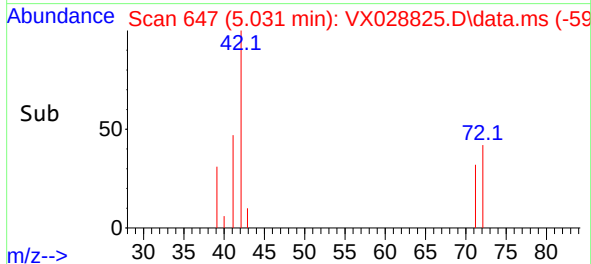
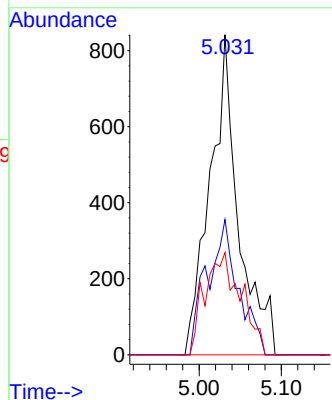
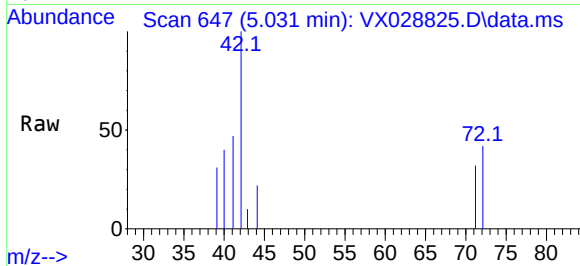
Tgt Ion: 42 Resp: 2038

Ion Ratio Lower Upper

42 100

72 46.0 44.1 66.1

71 40.1 40.5 60.7#



#31

Cyclohexane

Concen: 1.285 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX028825.D

Acq: 19 May 2022 15:09

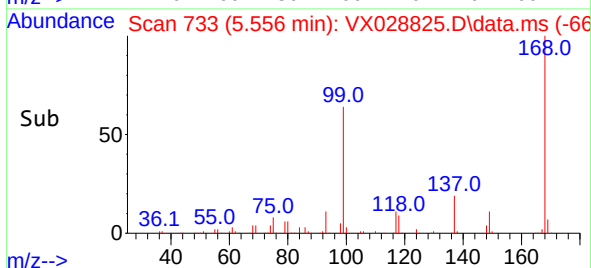
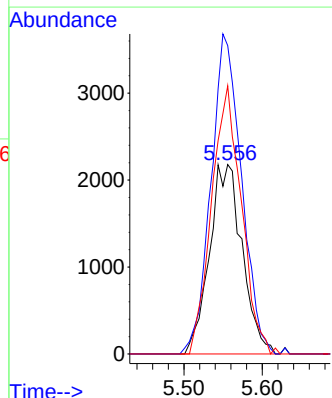
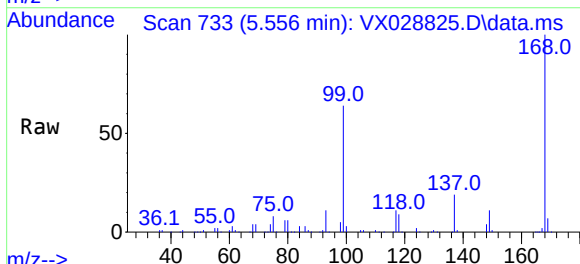
Tgt Ion: 56 Resp: 6319

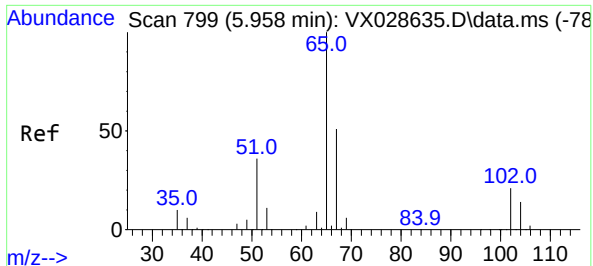
Ion Ratio Lower Upper

56 100

69 162.7 26.7 40.1#

84 141.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 51.188 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028825.D

Acq: 19 May 2022 15:09

Instrument :

MSVOA_X

ClientSampleId :

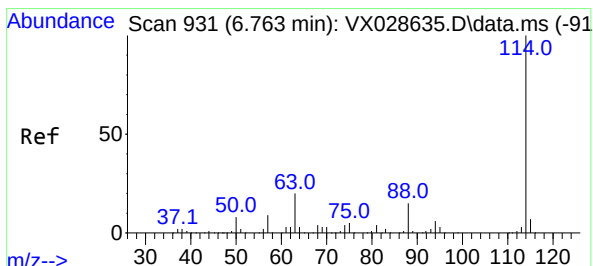
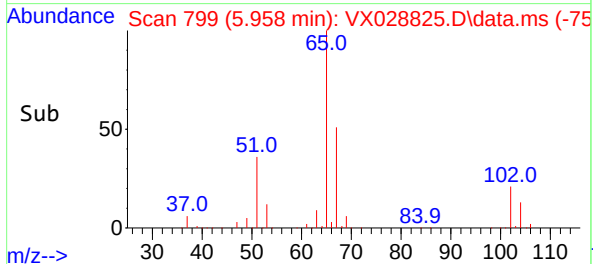
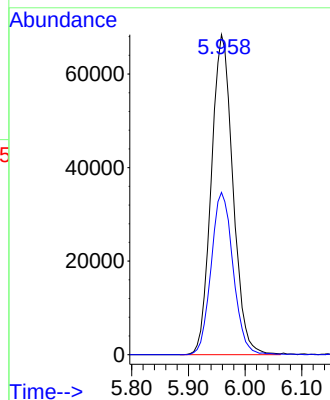
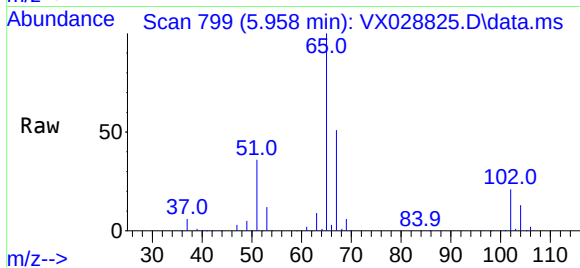
42S-20220518

Tgt Ion: 65 Resp: 181405

Ion Ratio Lower Upper

65 100

67 51.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028825.D

Acq: 19 May 2022 15:09

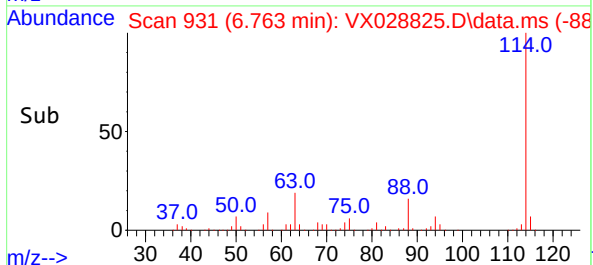
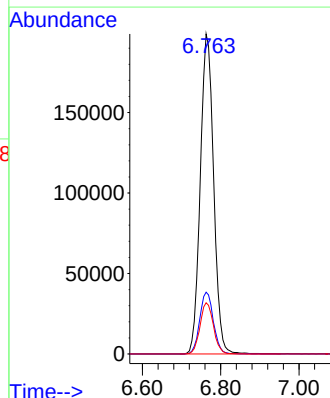
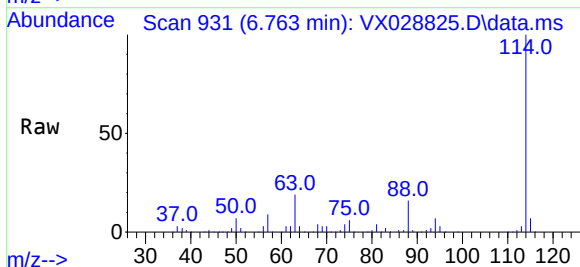
Tgt Ion: 114 Resp: 472124

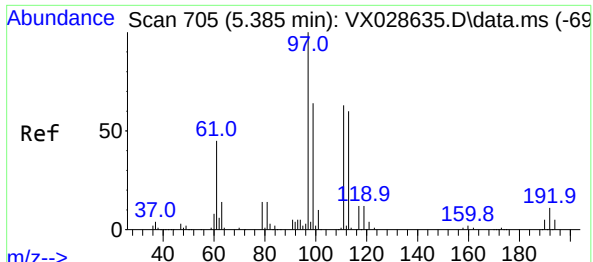
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

88 16.0 0.0 32.4

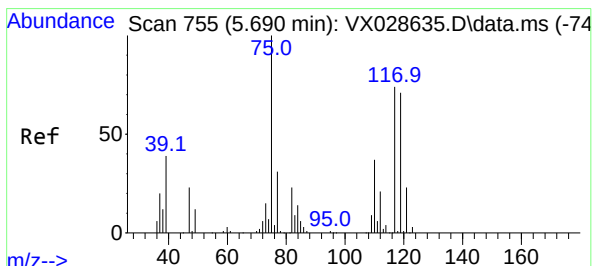
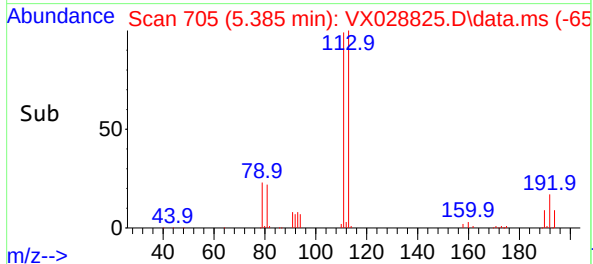
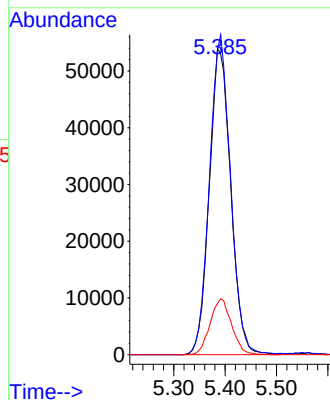
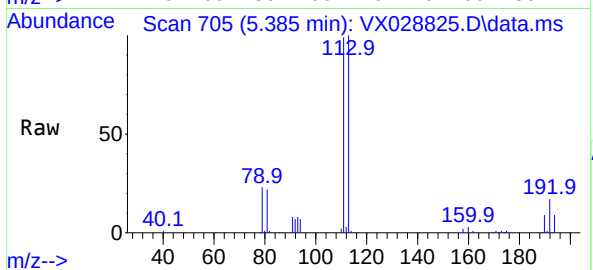




#35
Dibromofluoromethane
Concen: 50.508 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028825.D
Acq: 19 May 2022 15:09

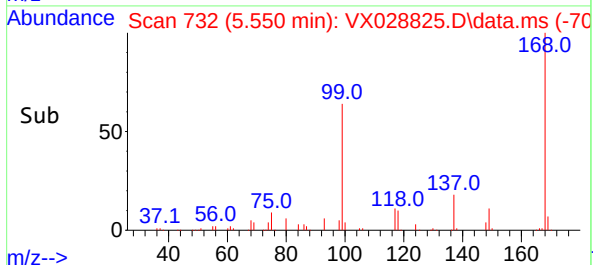
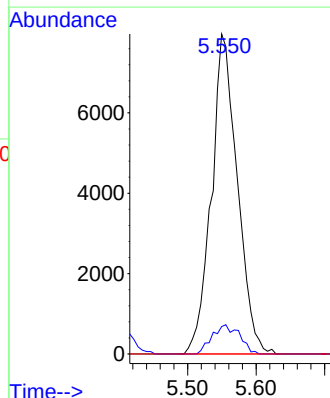
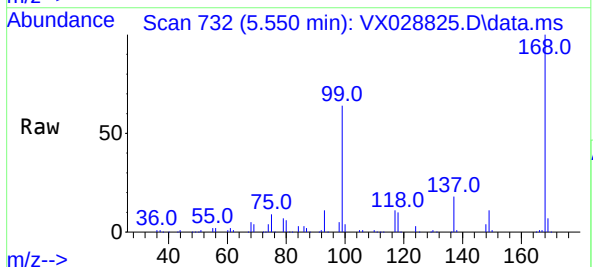
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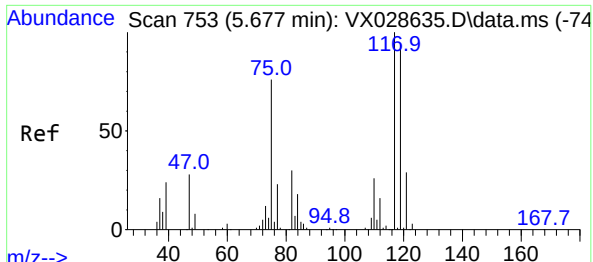
Tgt Ion:113 Resp: 156235
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 18.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.498 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX028825.D
Acq: 19 May 2022 15:09

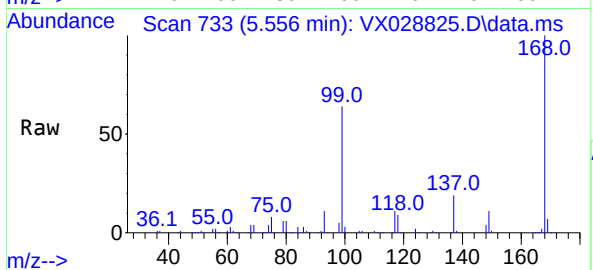
Tgt Ion: 75 Resp: 20896
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



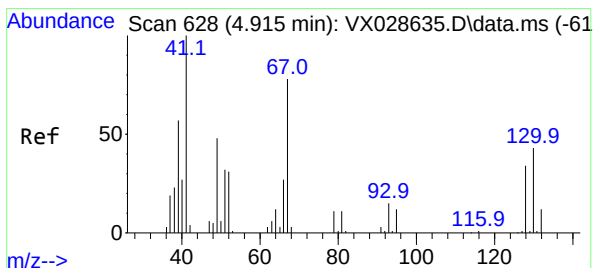
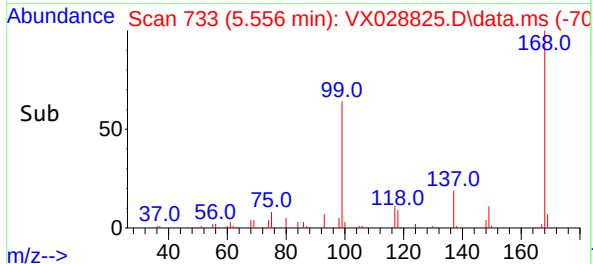
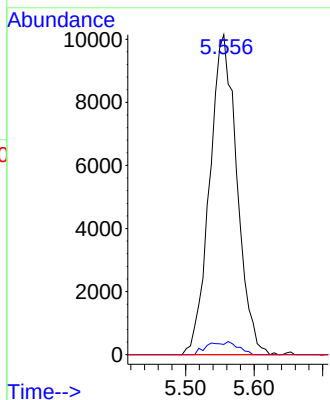


#38
Carbon Tetrachloride
Concen: 5.997 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028825.D
Acq: 19 May 2022 15:09

Instrument :
MSVOA_X
ClientSampleId :
42S-20220518

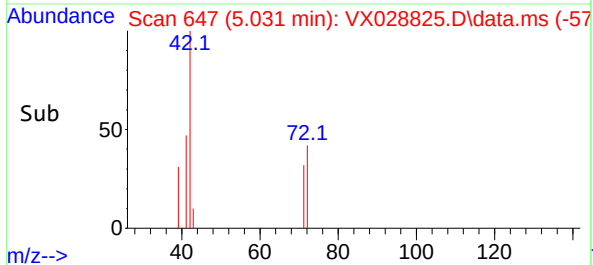
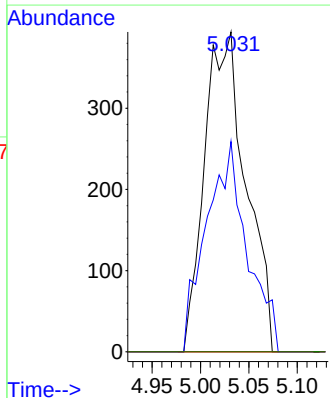
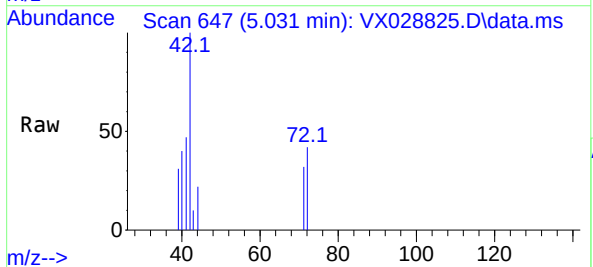


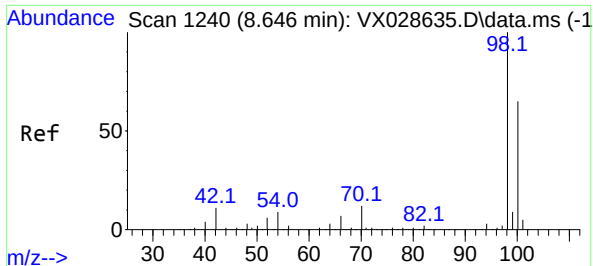
Tgt Ion: 117 Resp: 28038
Ion Ratio Lower Upper
117 100
119 3.2 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 0.452 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.116 min
Lab File: VX028825.D
Acq: 19 May 2022 15:09

Tgt Ion: 41 Resp: 1176
Ion Ratio Lower Upper
41 100
39 64.5 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

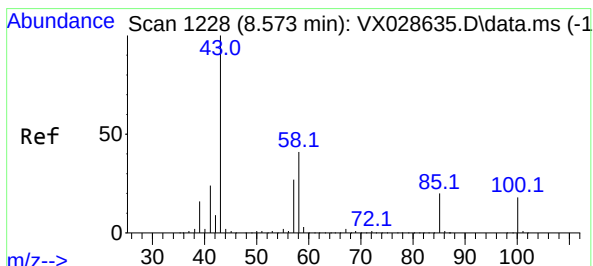
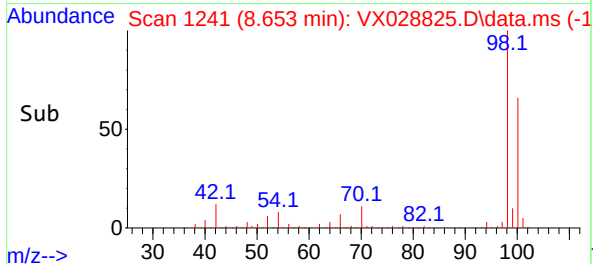
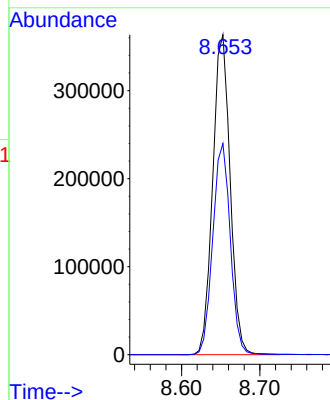
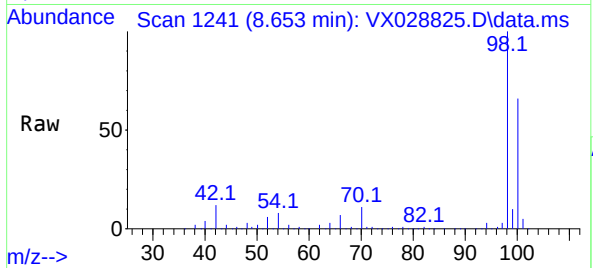




#50
Toluene-d8
Concen: 48.202 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028825.D
Acq: 19 May 2022 15:09

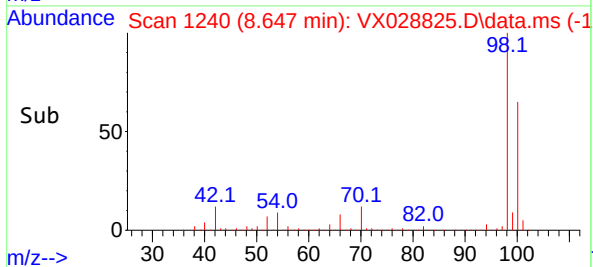
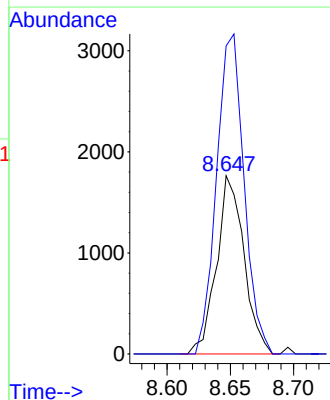
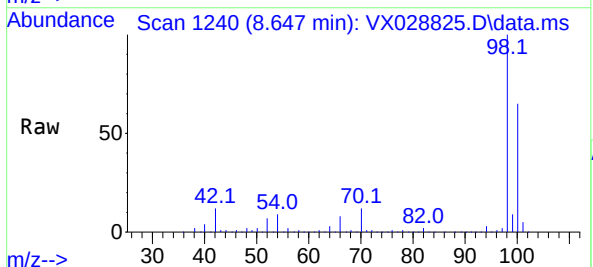
Instrument :
MSVOA_X
ClientSampleId :
42S-20220518

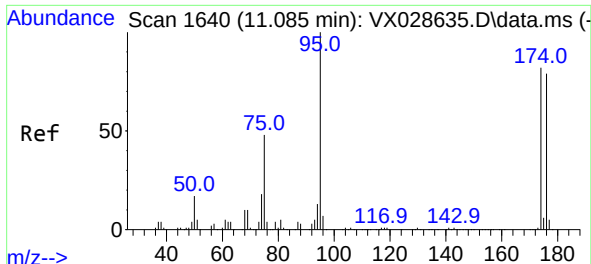
Tgt Ion: 98 Resp: 562145
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX028825.D
Acq: 19 May 2022 15:09

Tgt Ion: 43 Resp: 2653
Ion Ratio Lower Upper
43 100
58 180.6 36.1 54.1#

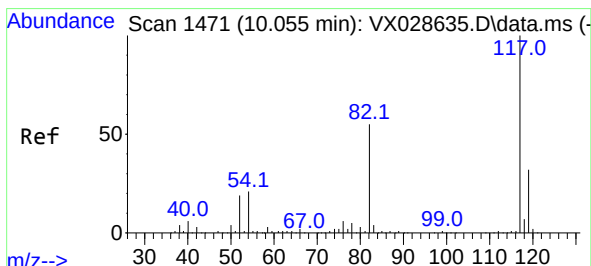
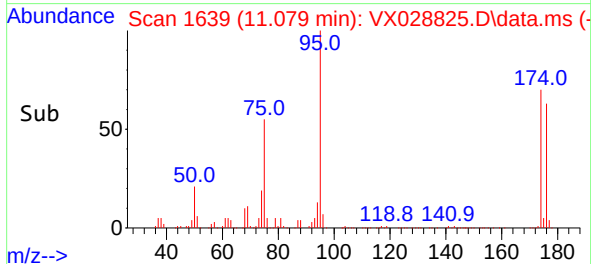
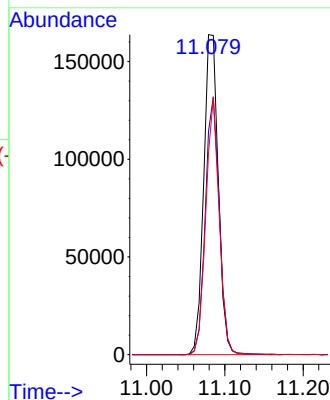
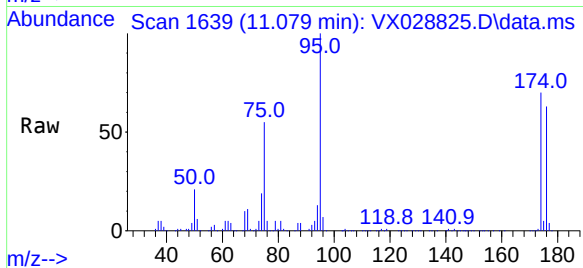




#62
4-Bromofluorobenzene
Concen: 48.727 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028825.D
Acq: 19 May 2022 15:09

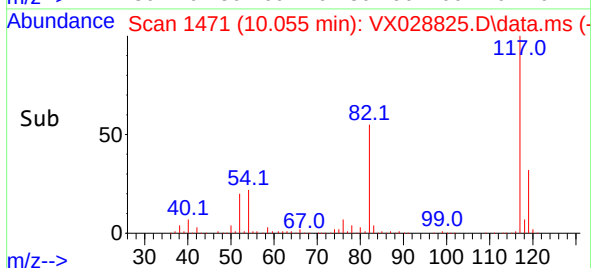
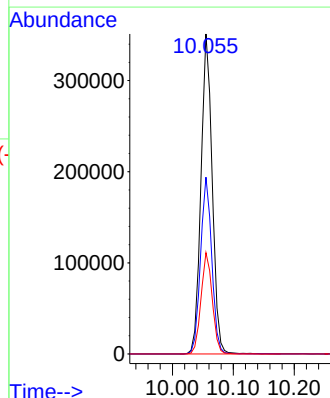
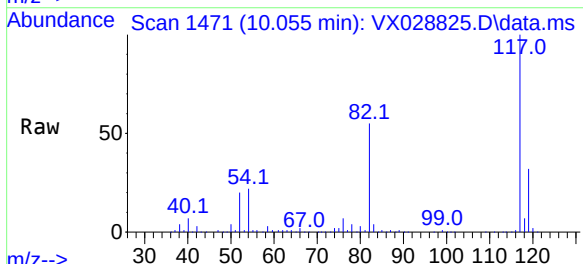
Instrument :
MSVOA_X
ClientSampleId :
42S-20220518

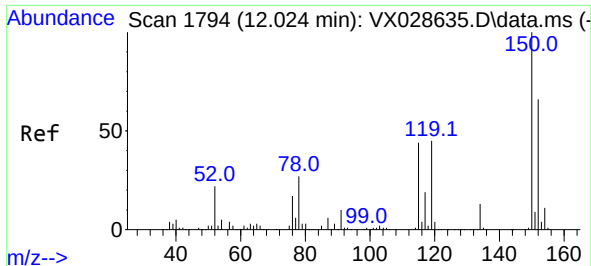
Tgt Ion: 95 Resp: 212253
Ion Ratio Lower Upper
95 100
174 77.6 0.0 163.0
176 73.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028825.D
Acq: 19 May 2022 15:09

Tgt Ion: 117 Resp: 451151
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.8
119 31.7 24.8 37.2

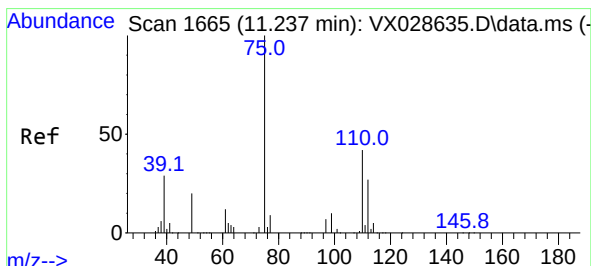
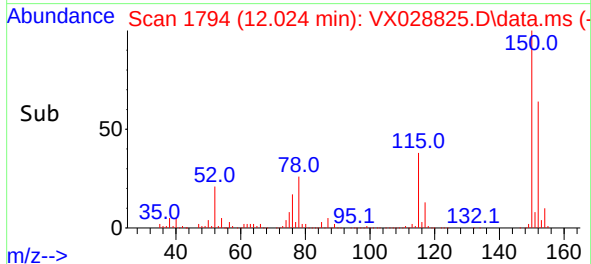
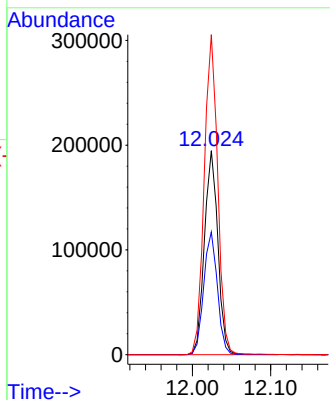
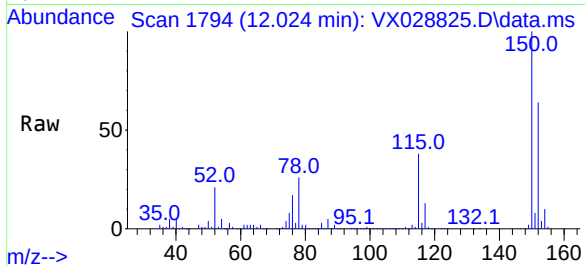




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028825.D
Acq: 19 May 2022 15:09

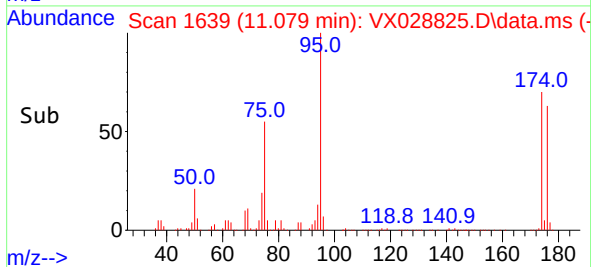
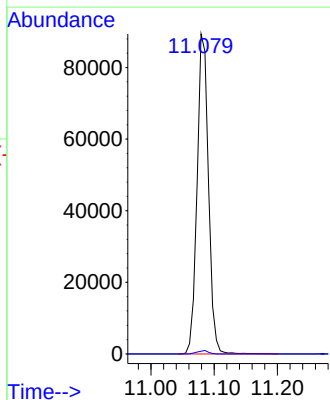
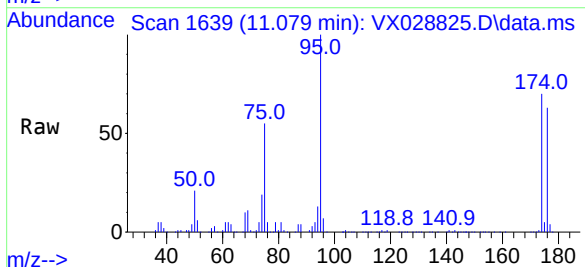
Instrument :
MSVOA_X
ClientSampleId :
42S-20220518

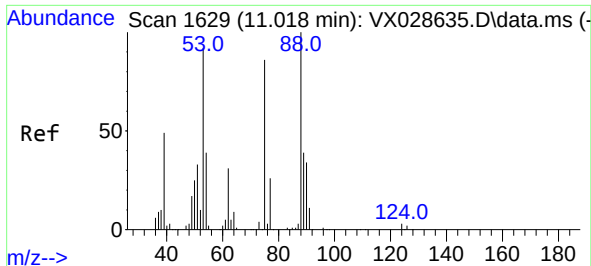
Tgt Ion:152 Resp: 232325
Ion Ratio Lower Upper
152 100
115 60.9 37.5 112.7
150 157.0 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 20.605 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028825.D
Acq: 19 May 2022 15:09

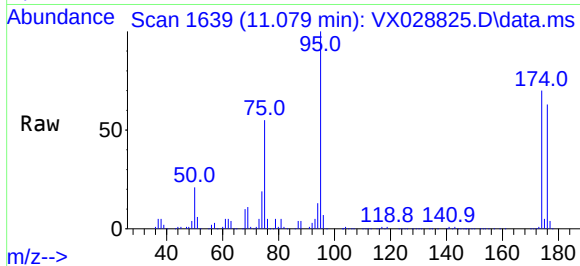
Tgt Ion: 75 Resp: 112107
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.581 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX028825.D
 Acq: 19 May 2022 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 42S-20220518



Tgt Ion: 75 Resp: 112107
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

