

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
 Data File : VX027075.D
 Acq On : 17 Feb 2022 14:13
 Operator : JC/MD
 Sample : N1575-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: Feb 18 03:49:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

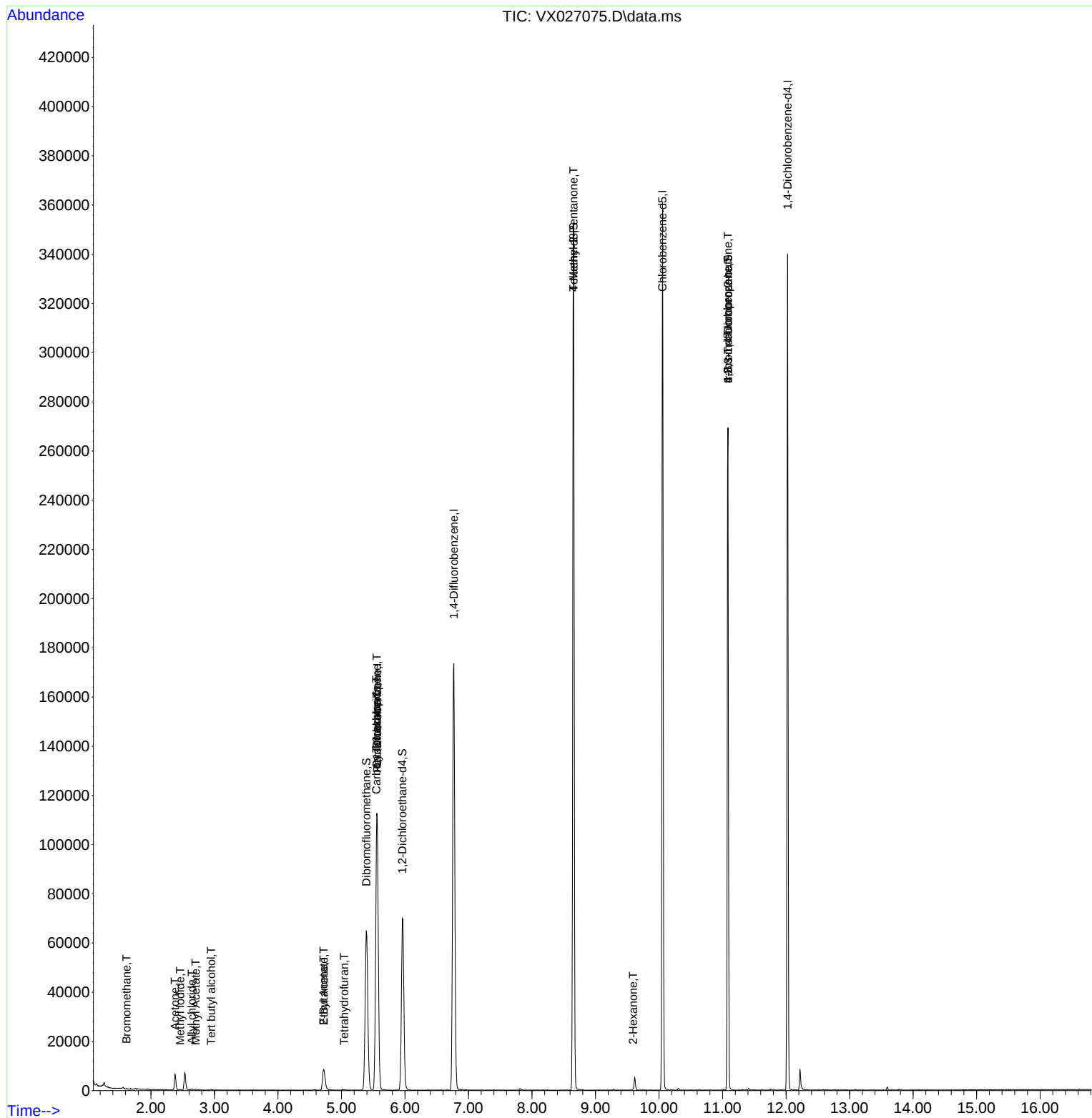
Internal Standards						
1) Pentafluorobenzene	5.562	168	108337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	183167	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68753	52.868	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.740%		
35) Dibromofluoromethane	5.391	113	57603	52.785	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.580%		
50) Toluene-d8	8.653	98	207780	51.870	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.740%		
62) 4-Bromofluorobenzene	11.085	95	74694	52.964	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.920%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	98	0.201	ug/l #	79
6) Chloroethane	1.867	64	22	Below Cal	#	43
10) Methyl Iodide	2.459	142	163	2.355	ug/l #	37
11) Tert butyl alcohol	2.947	59	266	1.132	ug/l #	75
14) Allyl chloride	2.642	41	466	0.237	ug/l #	25
16) Acetone	2.380	43	6841	11.977	ug/l	97
18) Methyl Acetate	2.703	43	445	0.271	ug/l #	73
25) 2-Butanone	4.721	43	15722	17.084	ug/l #	50
29) Tetrahydrofuran	5.044	42	259	0.414	ug/l #	34
31) Cyclohexane	5.556	56	2055	0.994	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8077	4.692	ug/l #	50
37) Ethyl Acetate	4.721	43	15722	8.036	ug/l	99
38) Carbon Tetrachloride	5.550	117	10932	6.056	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	872	0.478	ug/l #	1
59) 2-Hexanone	9.592	43	270	0.202	ug/l #	25
76) 1,2,3-Trichloropropane	11.085	75	36350	24.381	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	36350	74.451	ug/l #	3

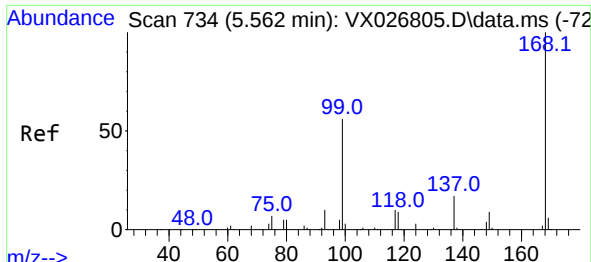
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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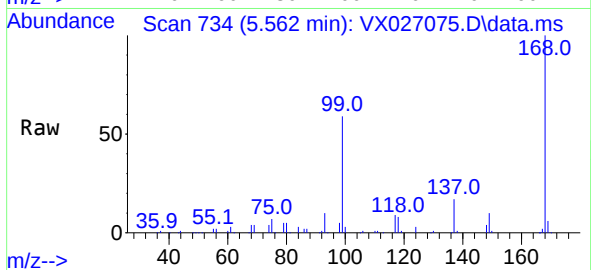
Quant Time: Feb 18 03:49:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
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QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



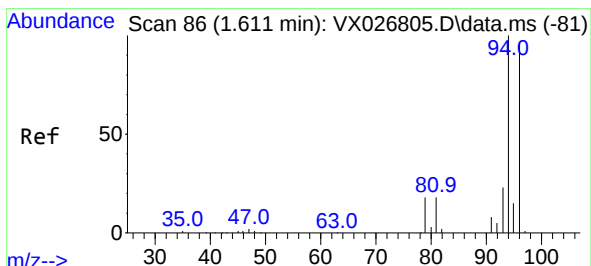
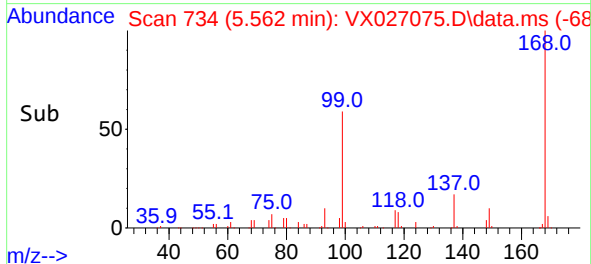
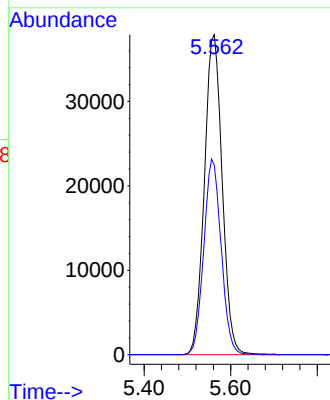


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

Instrument :
MSVOA_X
ClientSampleId :
MW-24

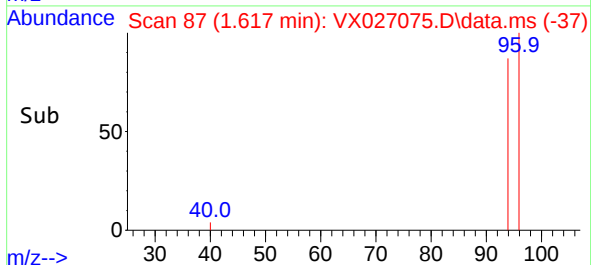
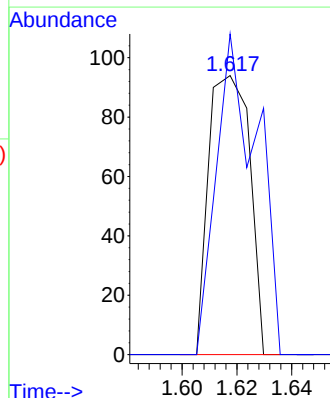
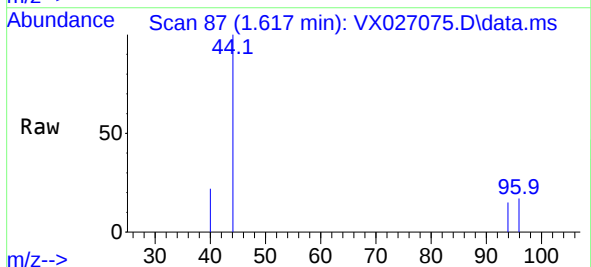


Tgt Ion:168 Resp: 108337
Ion Ratio Lower Upper
168 100
99 59.2 50.3 75.5

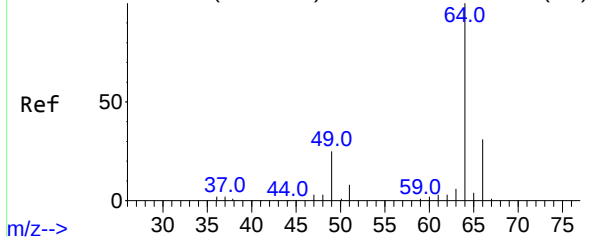


#5
Bromomethane
Concen: 0.201 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

Tgt Ion: 94 Resp: 98
Ion Ratio Lower Upper
94 100
96 114.9 75.9 113.9#



Abundance Scan 99 (1.691 min): VX026805.D\data.ms (-93)

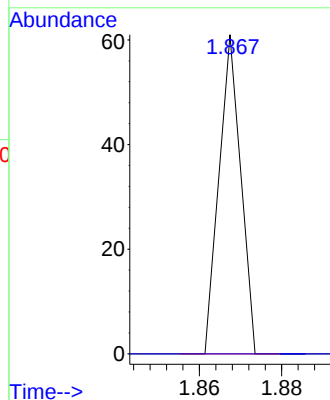
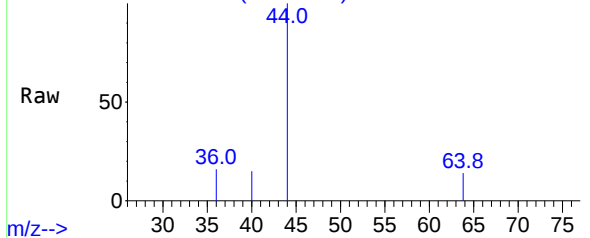


#6
Chloroethane
Concen: Below Cal
RT: 1.867 min Scan# 11
Delta R.T. 0.176 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

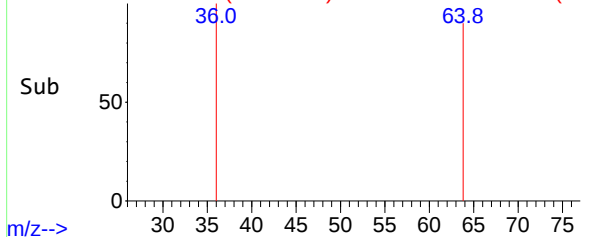
Instrument :
MSVOA_X
ClientSampleId :
MW-24

Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

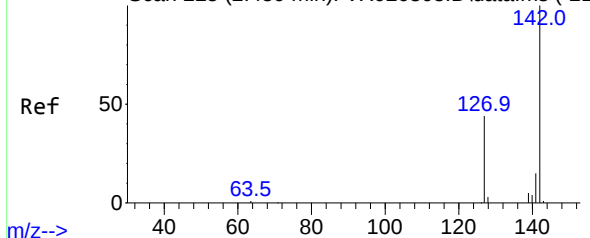
Abundance Scan 128 (1.867 min): VX027075.D\data.ms



Abundance Scan 128 (1.867 min): VX027075.D\data.ms (-50)



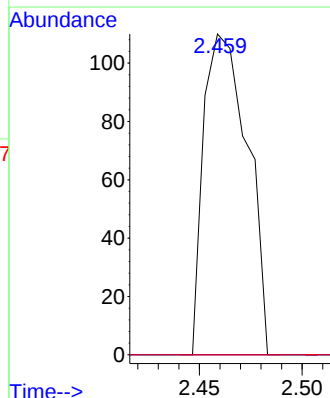
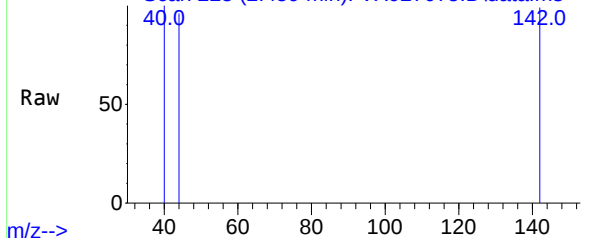
Abundance Scan 225 (2.459 min): VX026805.D\data.ms (-21)



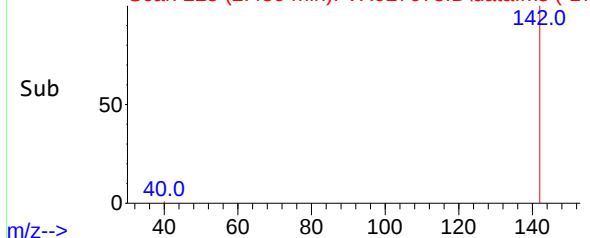
#10
Methyl Iodide
Concen: 2.355 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

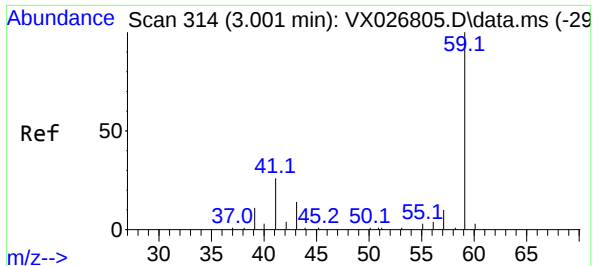
Tgt Ion: 142 Resp: 163
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

Abundance Scan 225 (2.459 min): VX027075.D\data.ms



Abundance Scan 225 (2.459 min): VX027075.D\data.ms (-17)





#11

Tert butyl alcohol

Concen: 1.132 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.054 min

Lab File: VX027075.D

Acq: 17 Feb 2022 14:13

Instrument :

MSVOA_X

ClientSampleId :

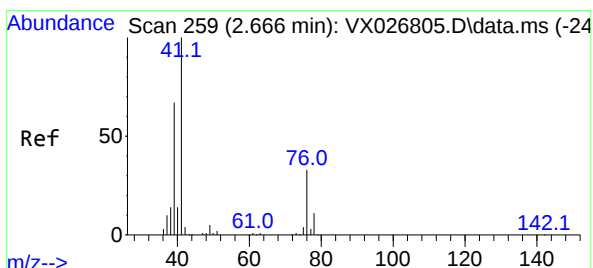
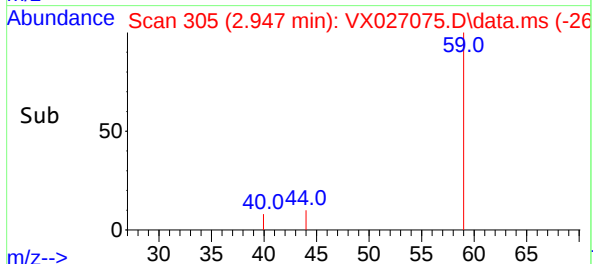
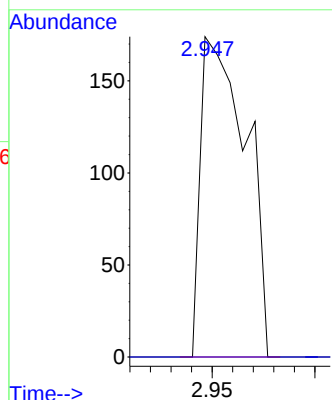
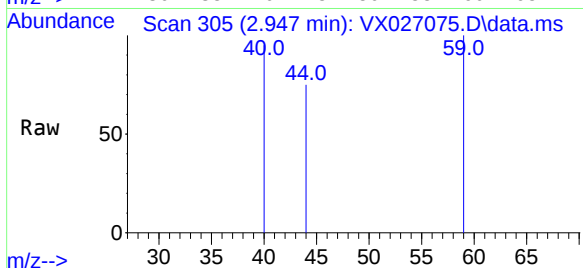
MW-24

Tgt Ion: 59 Resp: 266

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#14

Allyl chloride

Concen: 0.237 ug/l

RT: 2.642 min Scan# 255

Delta R.T. -0.024 min

Lab File: VX027075.D

Acq: 17 Feb 2022 14:13

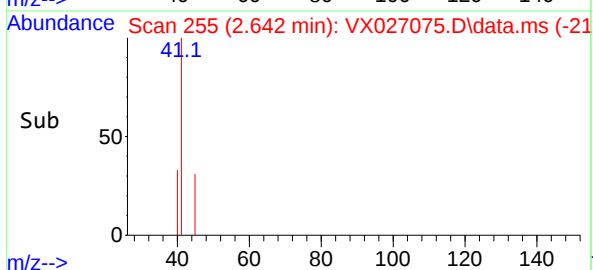
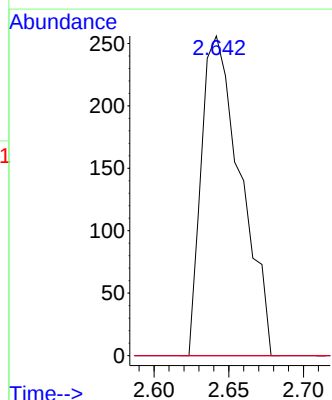
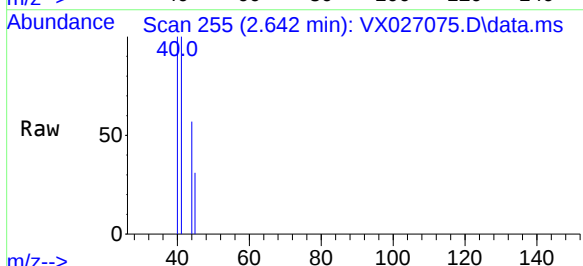
Tgt Ion: 41 Resp: 466

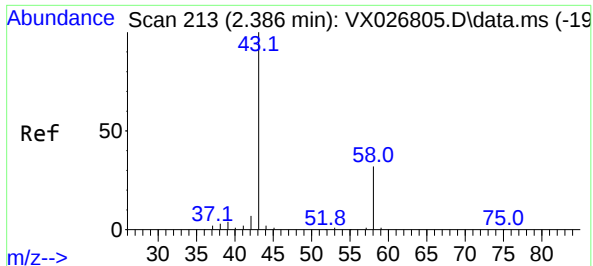
Ion Ratio Lower Upper

41 100

39 0.0 54.2 81.4#

76 0.0 25.2 37.8#

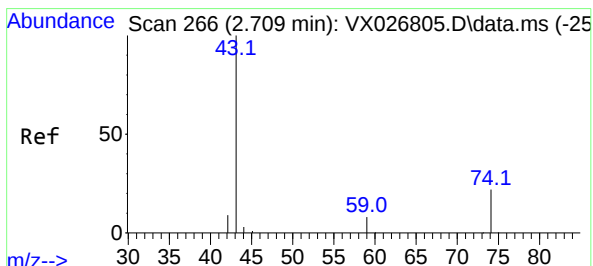
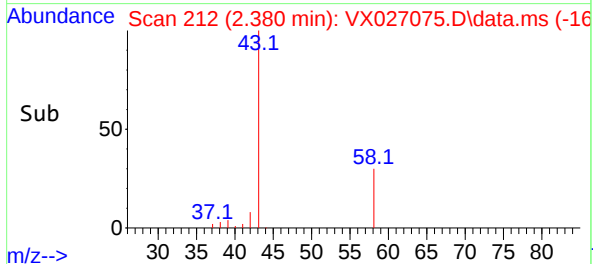
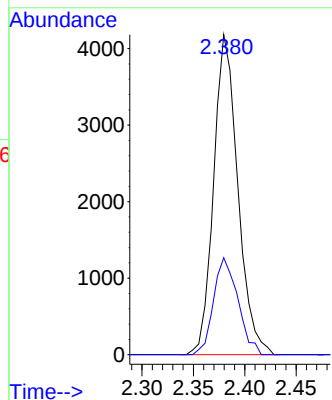
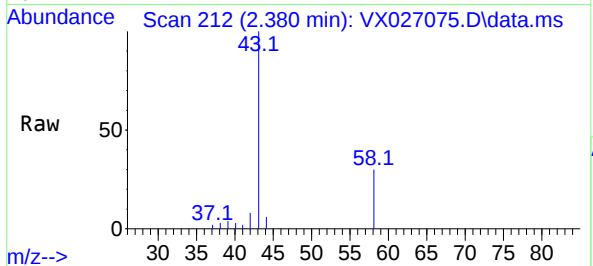




#16
Acetone
Concen: 11.977 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

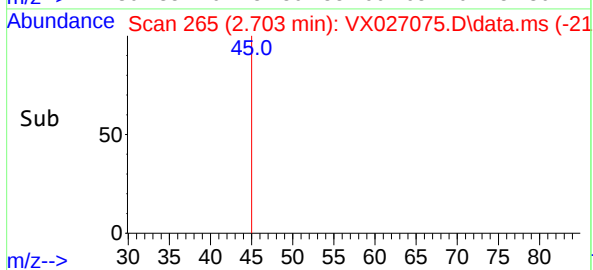
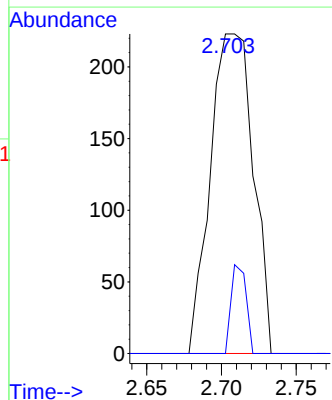
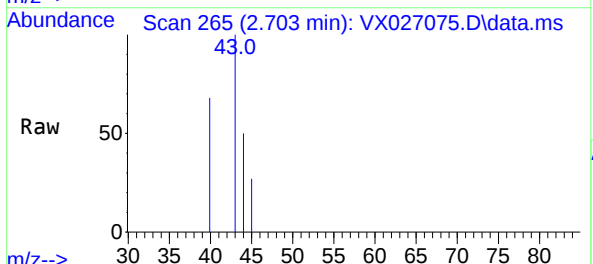
Instrument :
MSVOA_X
ClientSampleId :
MW-24

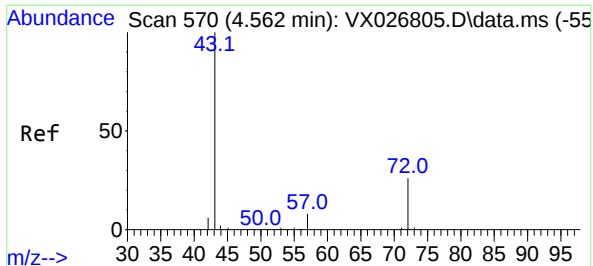
Tgt Ion: 43 Resp: 6841
Ion Ratio Lower Upper
43 100
58 30.3 23.0 34.6



#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

Tgt Ion: 43 Resp: 445
Ion Ratio Lower Upper
43 100
74 9.7 18.3 27.5#





#25

2-Butanone

Concen: 17.084 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.159 min

Lab File: VX027075.D

Acq: 17 Feb 2022 14:13

Instrument :

MSVOA_X

ClientSampleId :

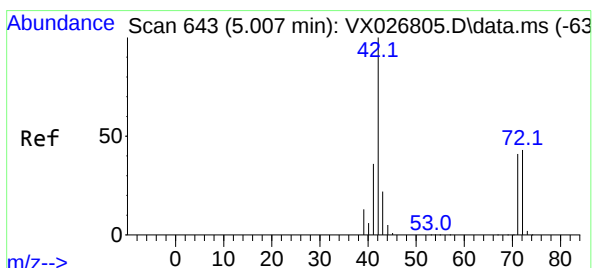
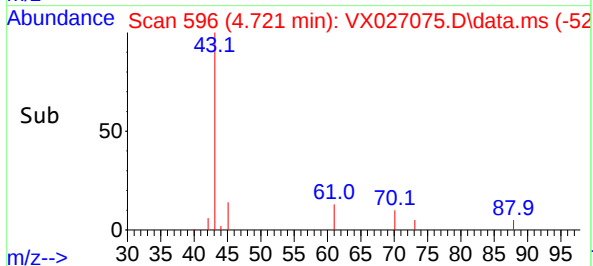
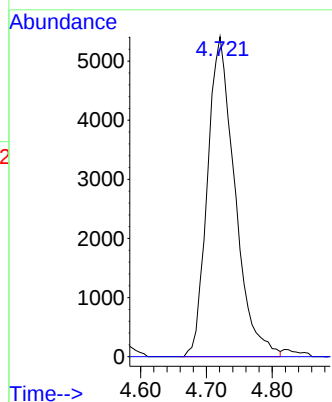
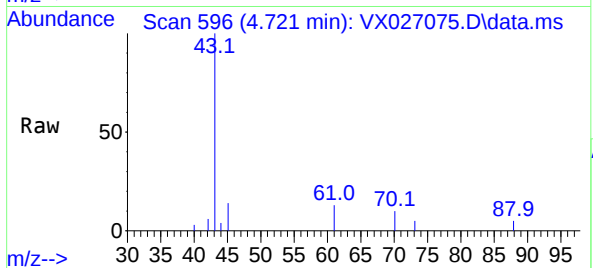
MW-24

Tgt Ion: 43 Resp: 15722

Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#



#29

Tetrahydrofuran

Concen: 0.414 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.037 min

Lab File: VX027075.D

Acq: 17 Feb 2022 14:13

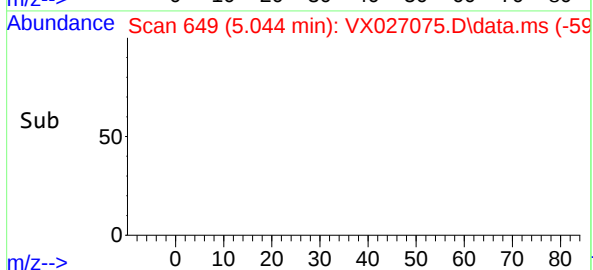
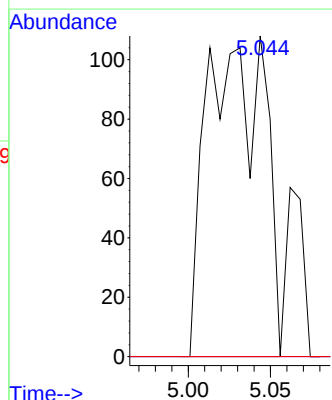
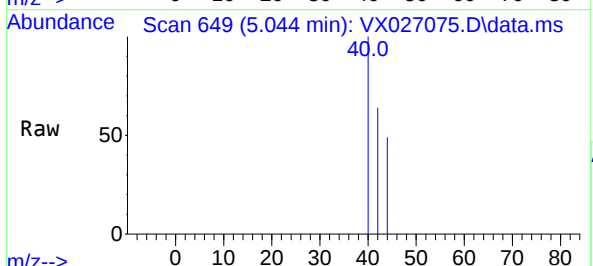
Tgt Ion: 42 Resp: 259

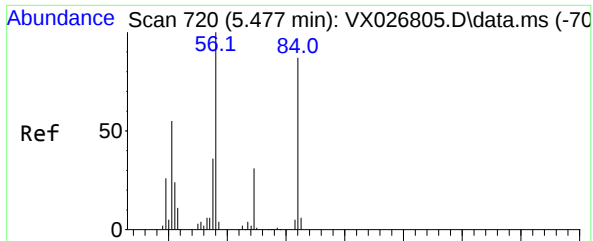
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

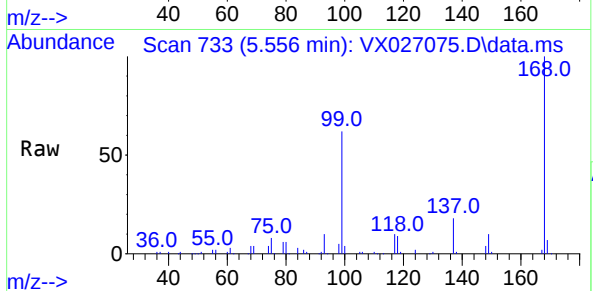
71 0.0 31.8 47.8#



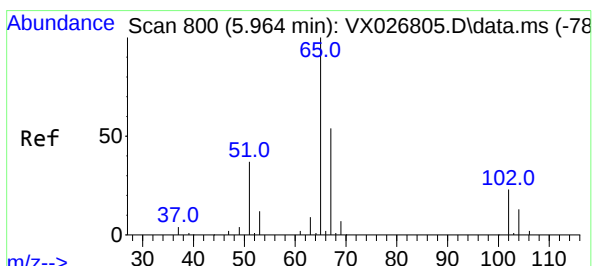
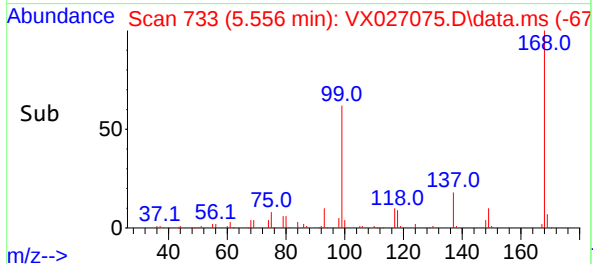
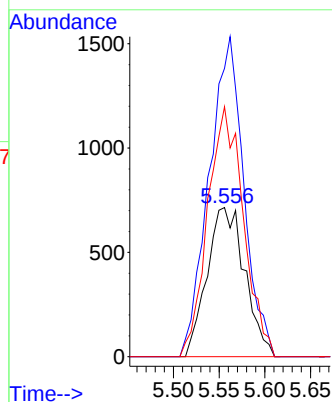


#31
Cyclohexane
Concen: 0.994 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

Instrument :
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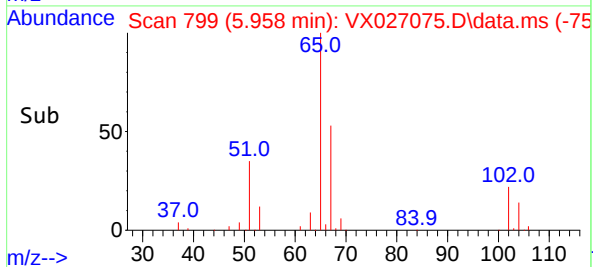
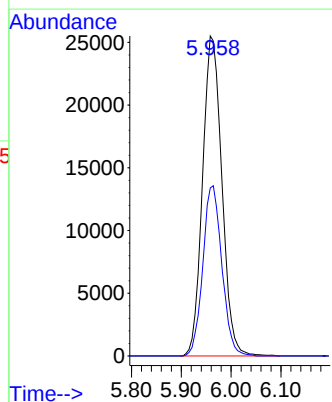
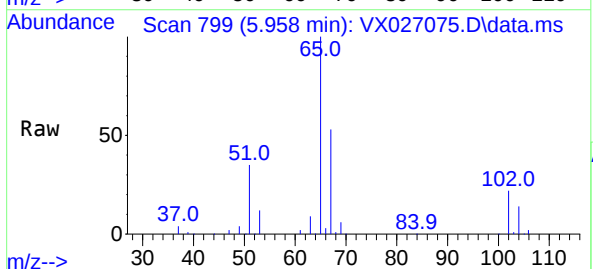


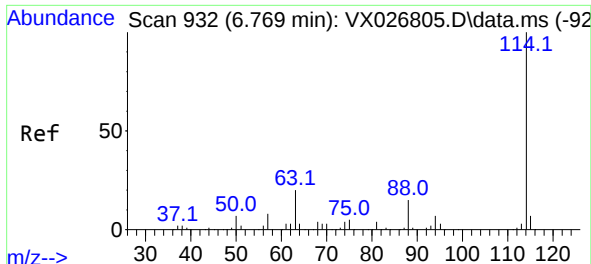
Tgt Ion: 56 Resp: 2055
Ion Ratio Lower Upper
56 100
69 193.3 25.8 38.6#
84 167.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.868 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

Tgt Ion: 65 Resp: 68753
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.8

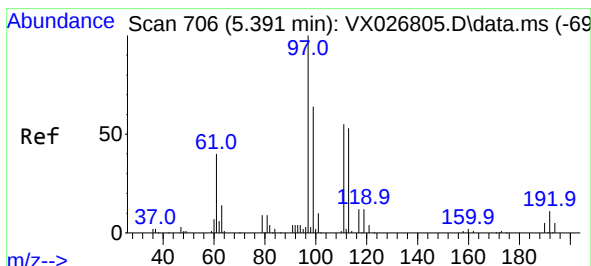
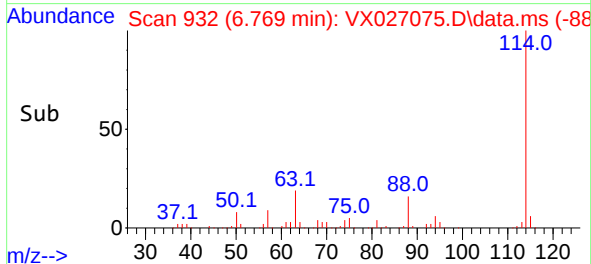
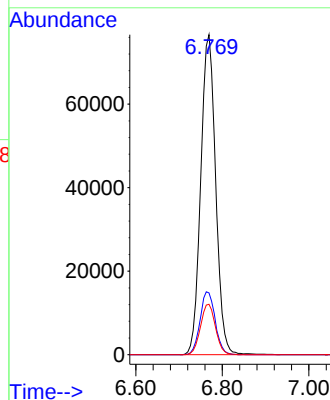
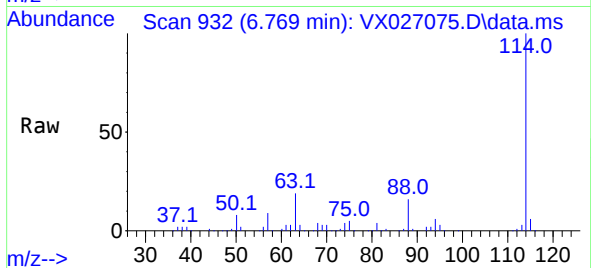




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

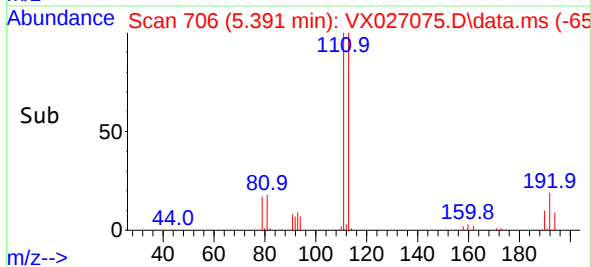
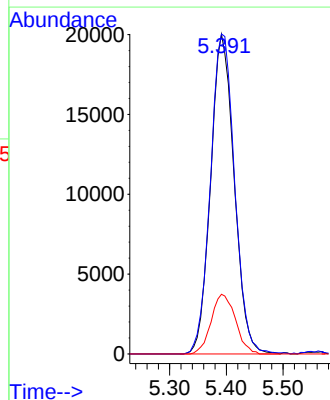
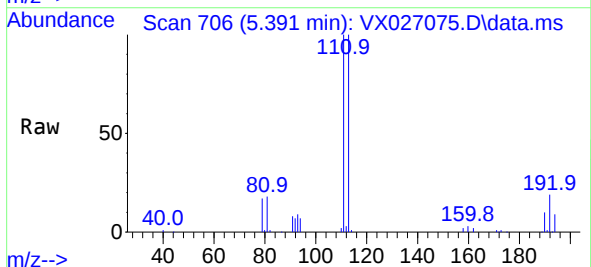
Instrument :
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MW-24

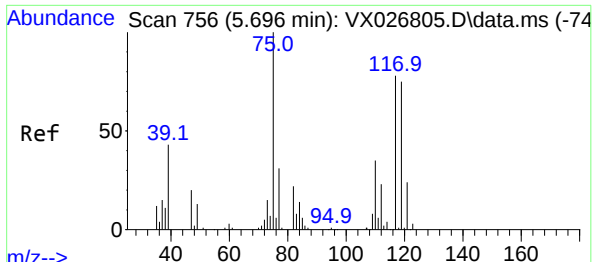
Tgt Ion:114 Resp: 183167
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.8
88 15.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.785 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

Tgt Ion:113 Resp: 57603
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 19.3 15.0 22.4

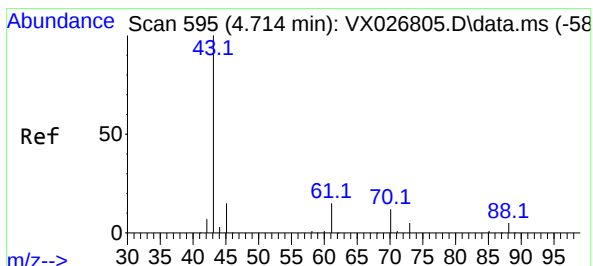
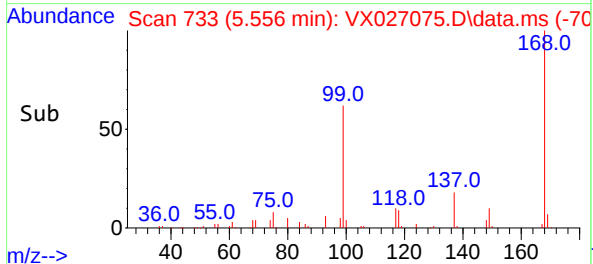
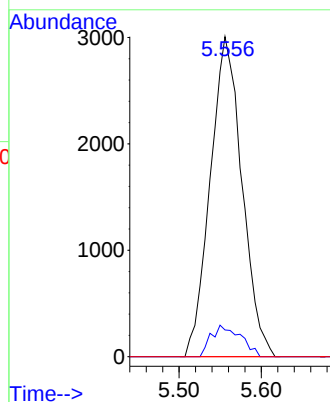
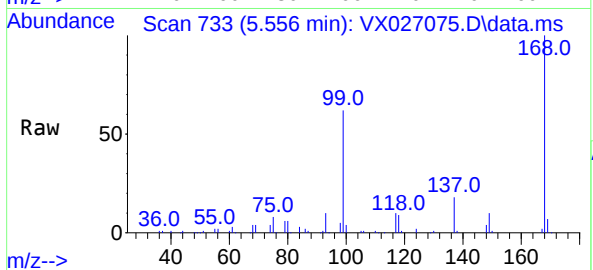




#36
1,1-Dichloropropene
Concen: 4.692 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

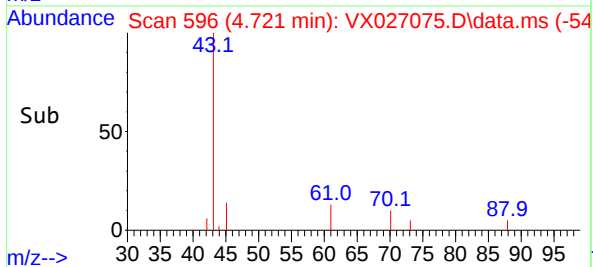
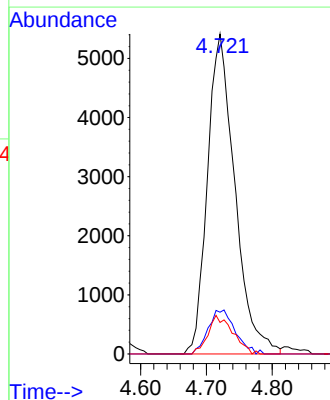
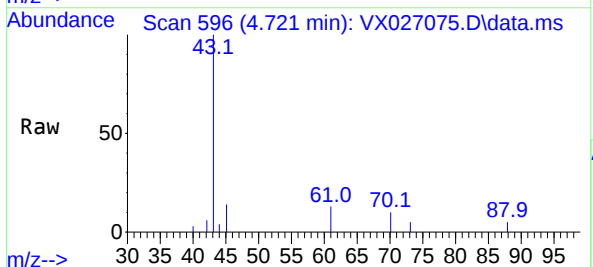
Instrument :
MSVOA_X
ClientSampleId :
MW-24

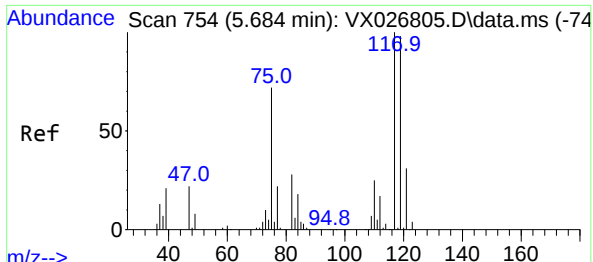
Tgt Ion: 75 Resp: 8077
Ion Ratio Lower Upper
75 100
110 9.1 17.2 51.6#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 8.036 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

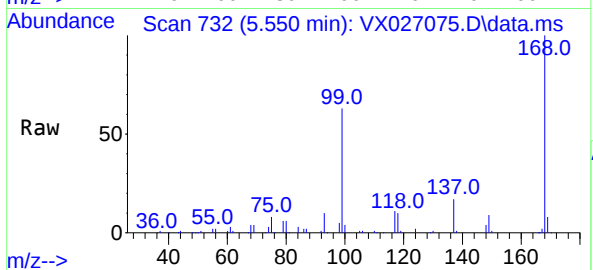
Tgt Ion: 43 Resp: 15722
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 10.9 8.5 12.7



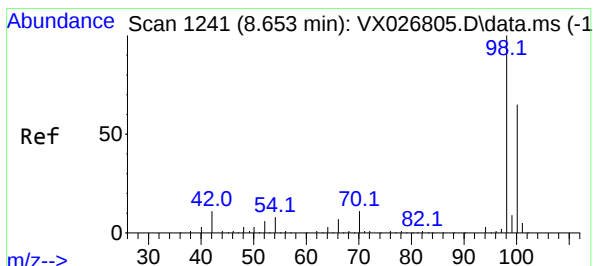
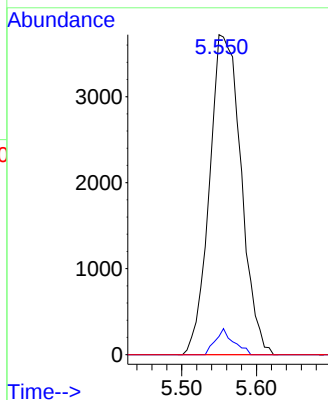
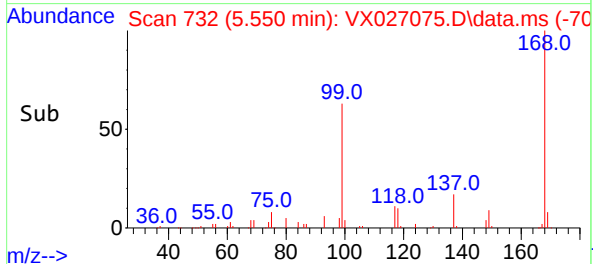


#38
Carbon Tetrachloride
Concen: 6.056 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

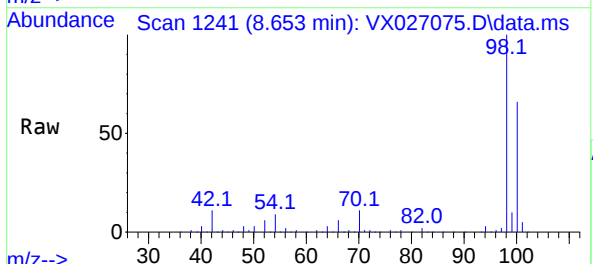
Instrument :
MSVOA_X
ClientSampleId :
MW-24



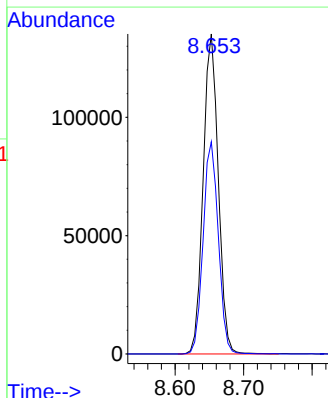
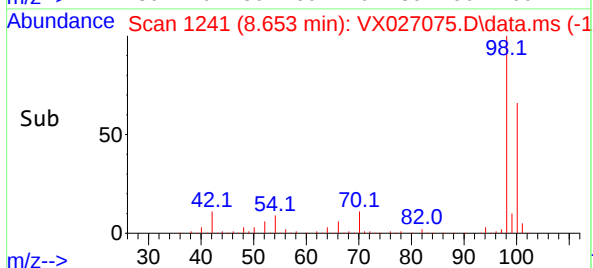
Tgt Ion:117 Resp: 10932
Ion Ratio Lower Upper
117 100
119 5.7 74.7 112.1#
121 0.0 25.4 38.0#

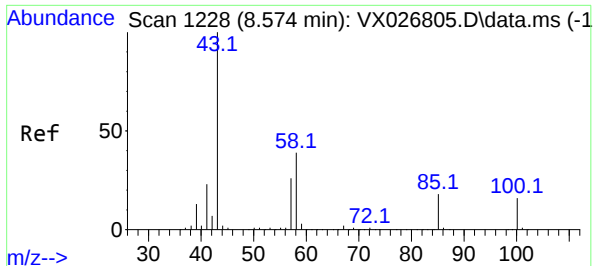


#50
Toluene-d8
Concen: 51.870 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13



Tgt Ion: 98 Resp: 207780
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.478 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX027075.D

Acq: 17 Feb 2022 14:13

Instrument :

MSVOA_X

ClientSampleId :

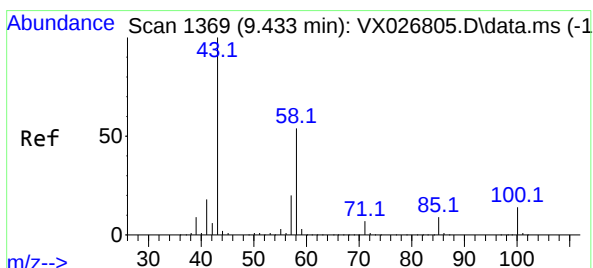
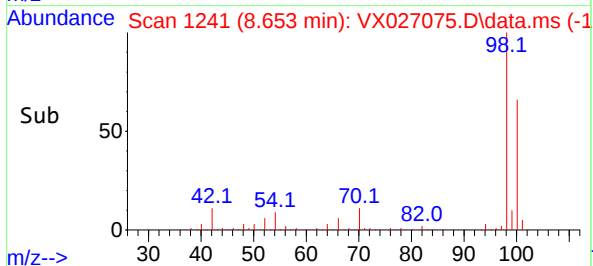
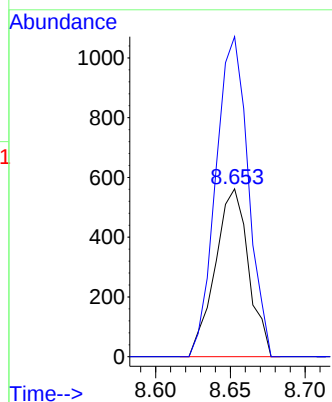
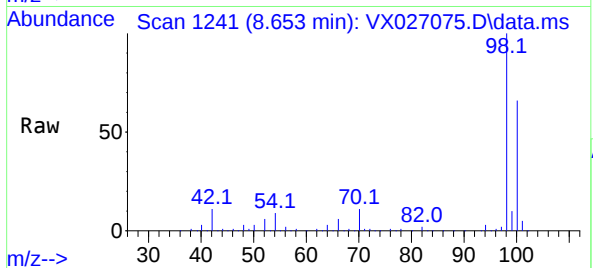
MW-24

Tgt Ion: 43 Resp: 872

Ion Ratio Lower Upper

43 100

58 185.3 30.5 45.7#



#59

2-Hexanone

Concen: 0.202 ug/l

RT: 9.592 min Scan# 1395

Delta R.T. 0.159 min

Lab File: VX027075.D

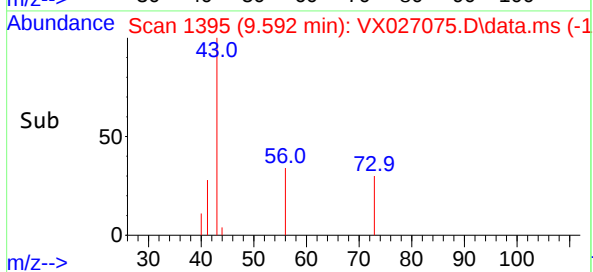
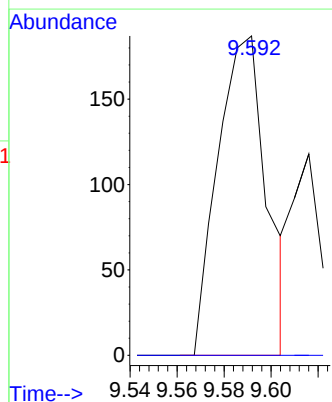
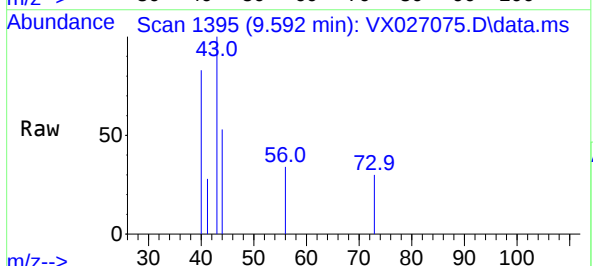
Acq: 17 Feb 2022 14:13

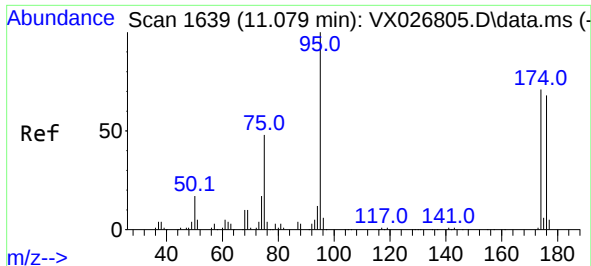
Tgt Ion: 43 Resp: 270

Ion Ratio Lower Upper

43 100

58 0.0 26.4 79.2#



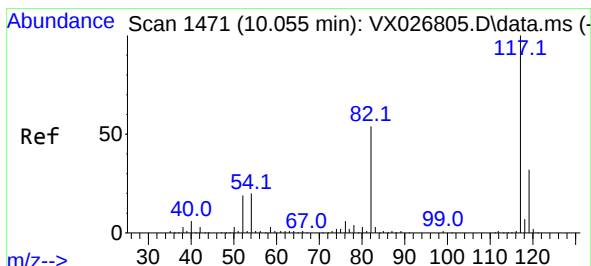
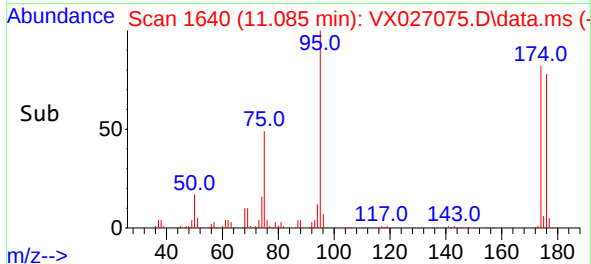
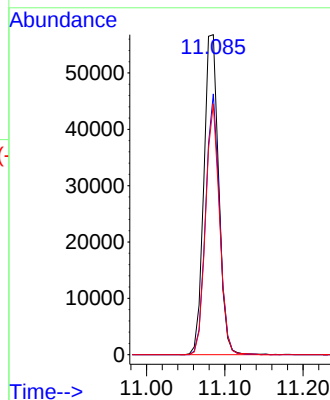
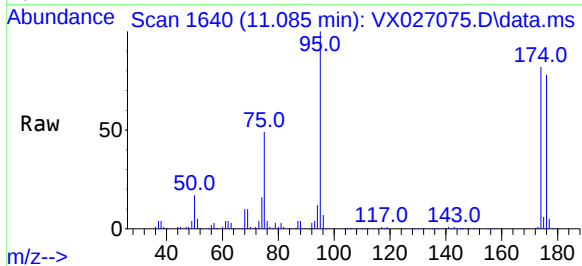


#62
4-Bromofluorobenzene
Concen: 52.964 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

Instrument :
MSVOA_X
ClientSampleId :
MW-24

Tgt Ion: 95 Resp: 74694

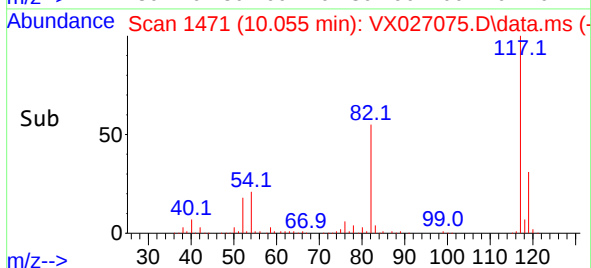
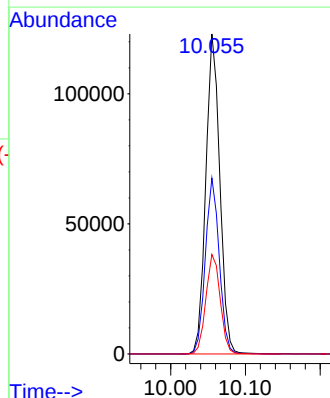
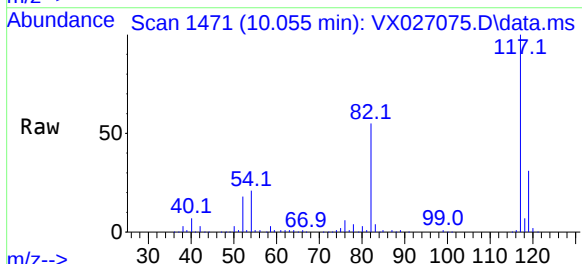
Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	148.6
176	73.4	0.0	141.4

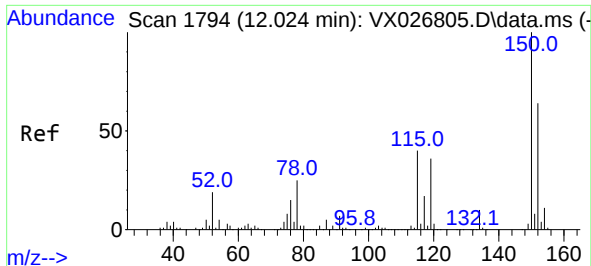


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

Tgt Ion: 117 Resp: 160144

Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.2	67.8
119	31.1	26.2	39.2

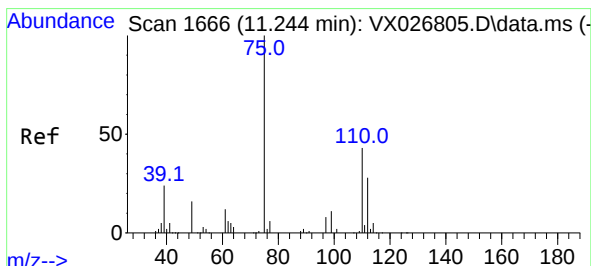
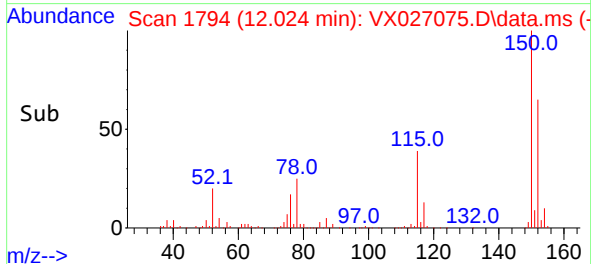
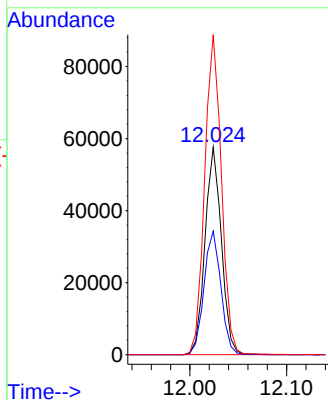
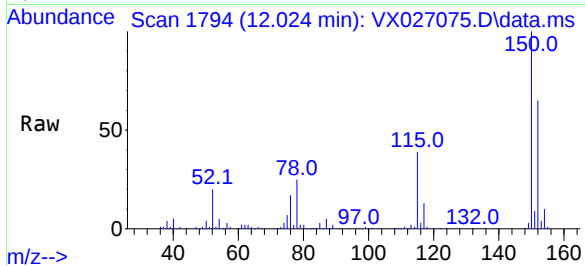




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

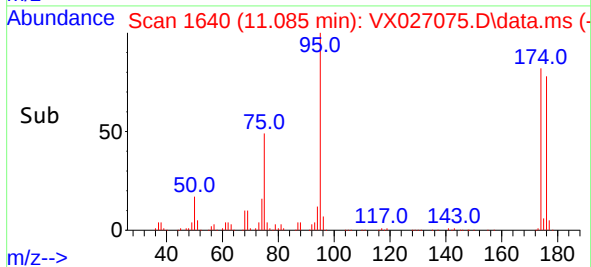
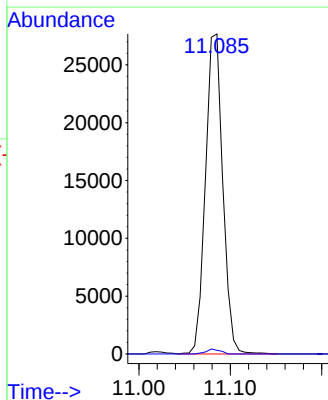
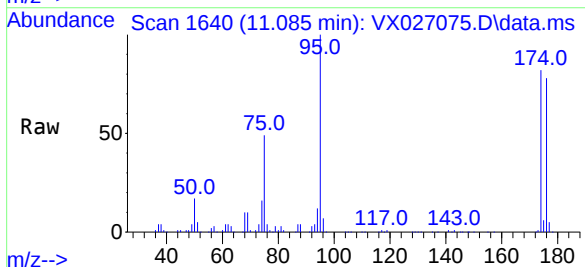
Instrument :
MSVOA_X
ClientSampleId :
MW-24

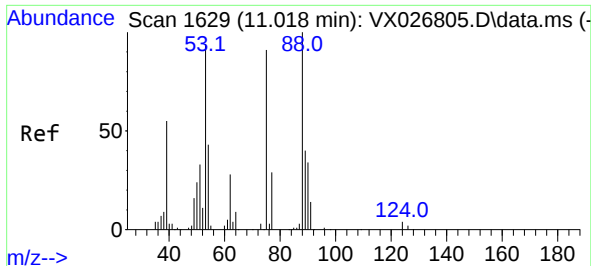
Tgt Ion:152 Resp: 68109
Ion Ratio Lower Upper
152 100
115 61.3 44.2 132.6
150 157.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 24.381 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027075.D
Acq: 17 Feb 2022 14:13

Tgt Ion: 75 Resp: 36350
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.451 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX027075.D
 Acq: 17 Feb 2022 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Tgt Ion: 75 Resp: 36350
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

