

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028725.D
 Acq On : 16 May 2022 12:47
 Operator : JC/MD
 Sample : N2862-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 17 03:34:35 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)

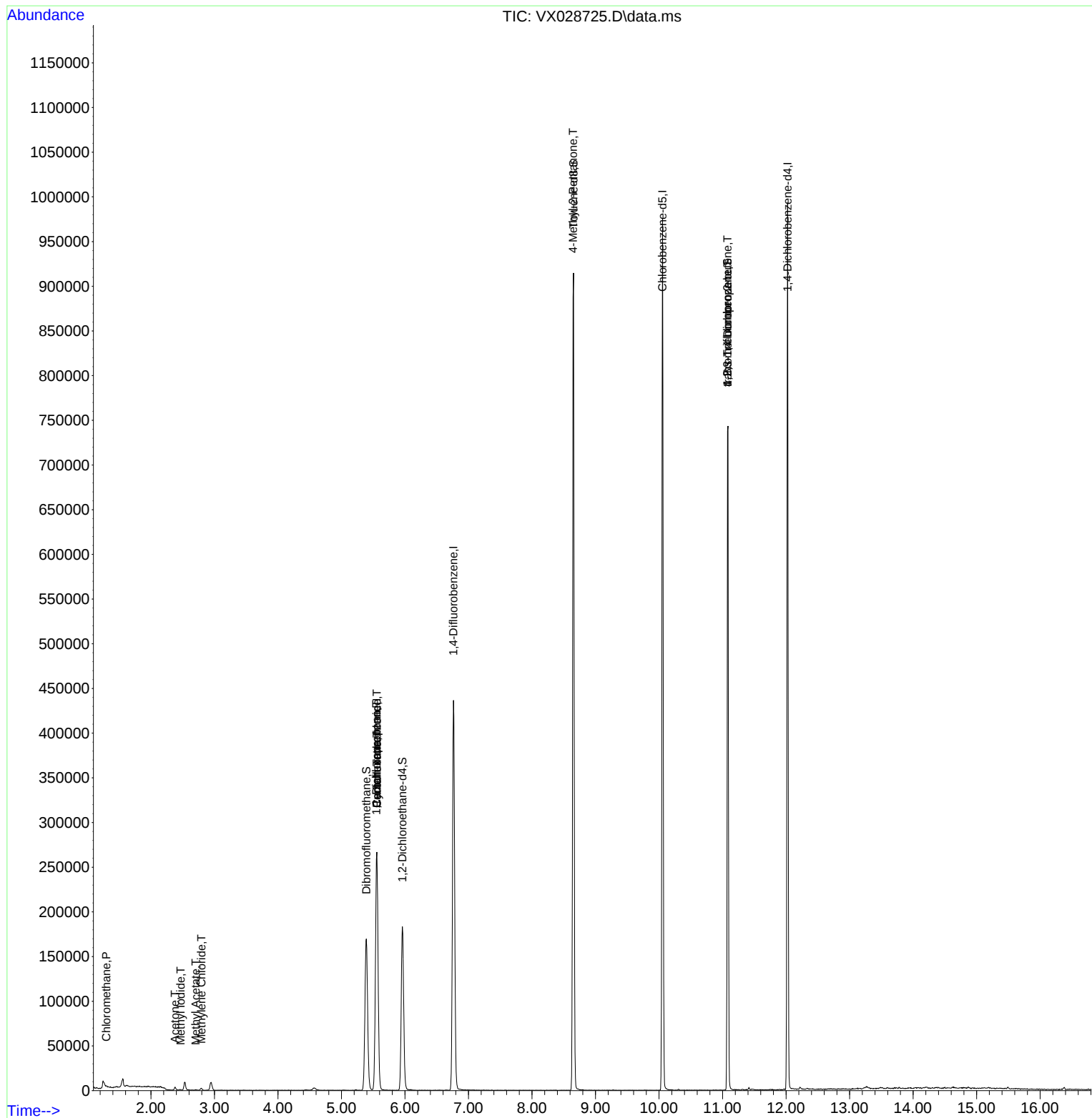
Internal Standards						
1) Pentafluorobenzene	5.556	168	244257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447323	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	421326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175572	52.438	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.880%	
35) Dibromofluoromethane	5.391	113	147652	50.380	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.760%	
50) Toluene-d8	8.653	98	537503	48.644	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.280%	
62) 4-Bromofluorobenzene	11.079	95	198510	48.099	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	725	0.241	ug/l	98
5) Bromomethane	1.618	94	604	Below Cal		84
6) Chloroethane	1.642	64	678	Below Cal	#	43
10) Methyl Iodide	2.465	142	786	0.241	ug/l #	89
11) Tert butyl alcohol	2.947	59	5367	Below Cal	#	73
16) Acetone	2.380	43	3510	2.443	ug/l	97
18) Methyl Acetate	2.703	43	859	0.239	ug/l #	66
20) Methylene Chloride	2.794	84	953	0.316	ug/l #	81
31) Cyclohexane	5.556	56	5862	1.261	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20840	4.734	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26078	5.887	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2509	0.530	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	105362	23.896	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	105362	69.640	ug/l #	15

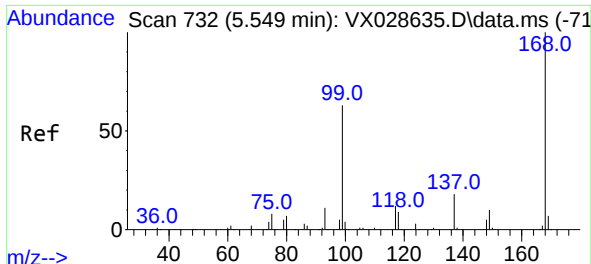
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 17 03:34:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
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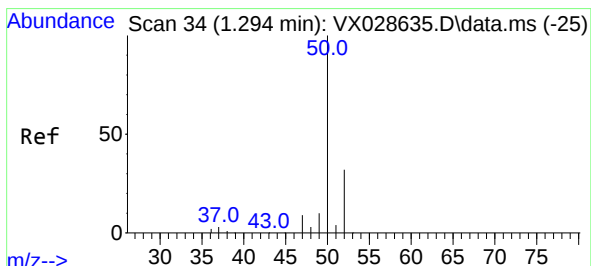
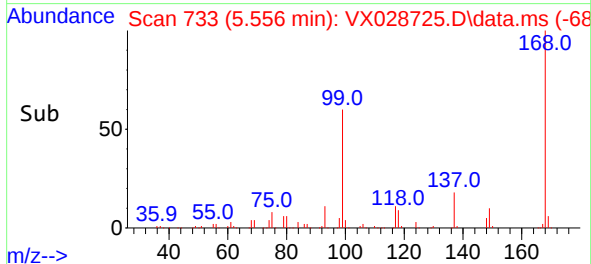
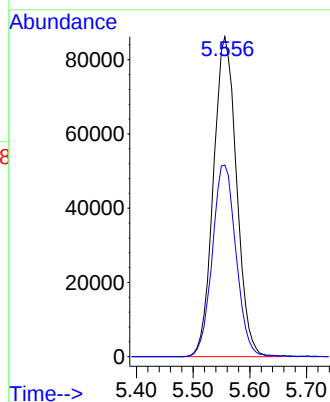
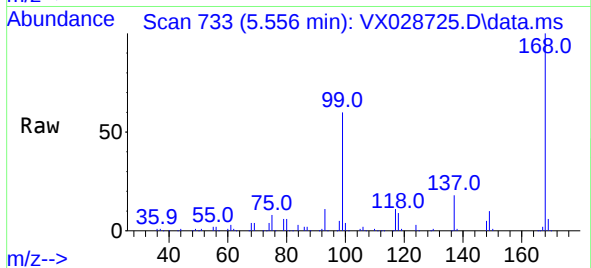




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028725.D
Acq: 16 May 2022 12:47

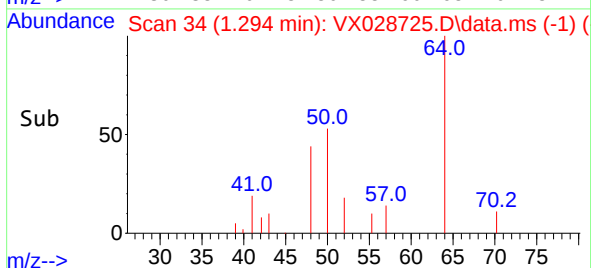
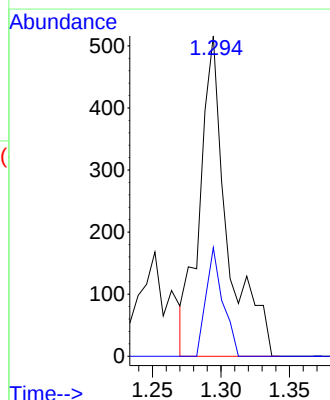
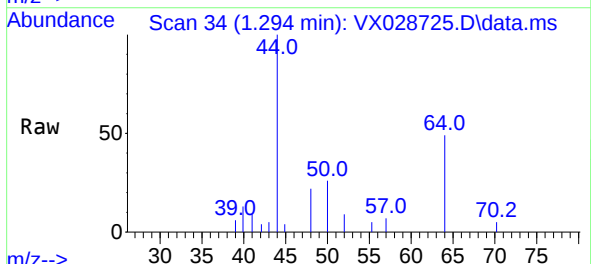
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

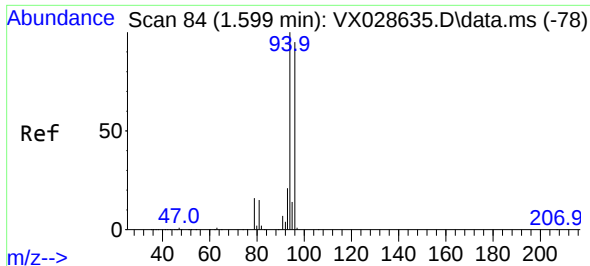
Tgt Ion:168 Resp: 244257
Ion Ratio Lower Upper
168 100
99 59.9 41.7 62.5



#3
Chloromethane
Concen: 0.241 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028725.D
Acq: 16 May 2022 12:47

Tgt Ion: 50 Resp: 725
Ion Ratio Lower Upper
50 100
52 33.9 26.4 39.6

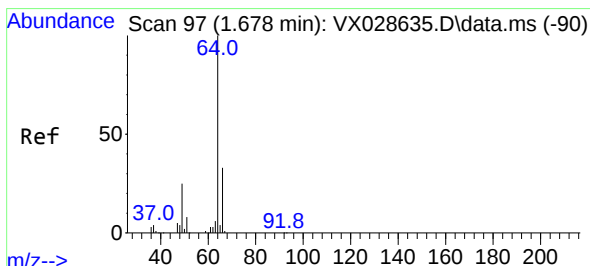
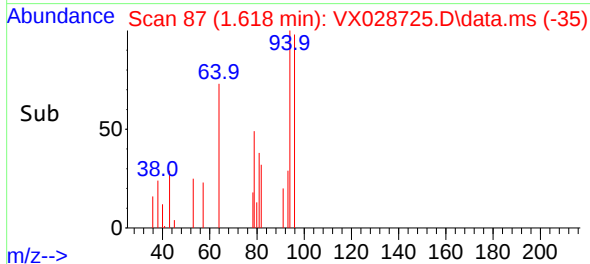
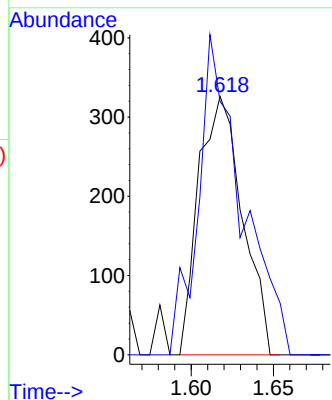
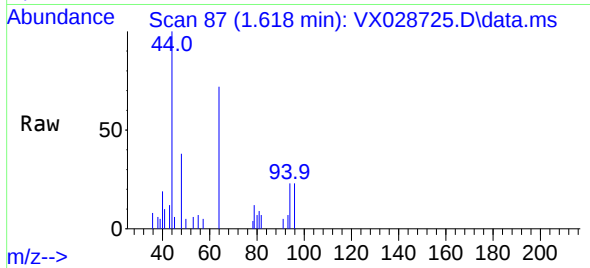




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028725.D
Acq: 16 May 2022 12:47

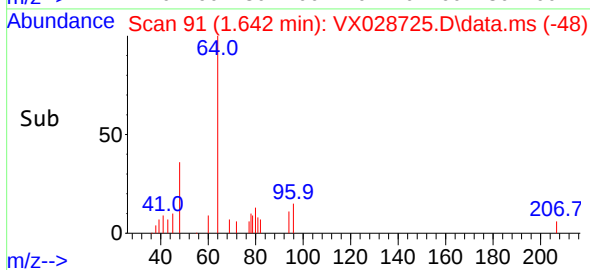
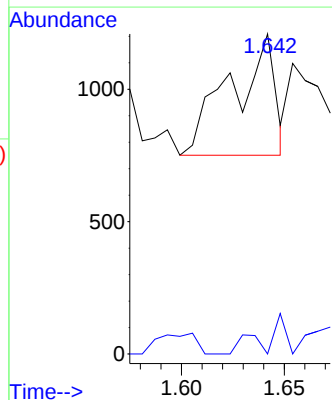
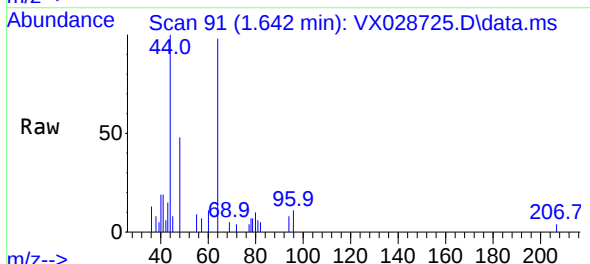
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

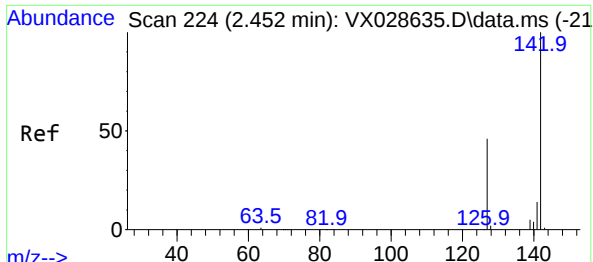
Tgt Ion: 94 Resp: 604
Ion Ratio Lower Upper
94 100
96 78.2 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. -0.036 min
Lab File: VX028725.D
Acq: 16 May 2022 12:47

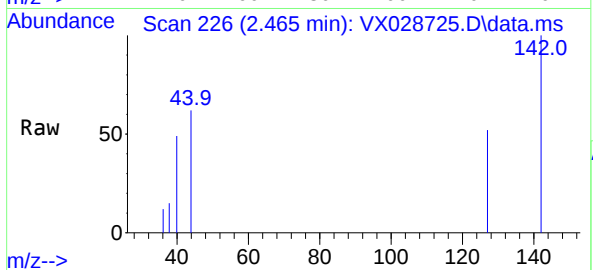
Tgt Ion: 64 Resp: 678
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



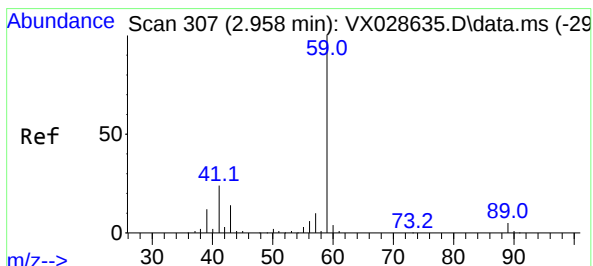
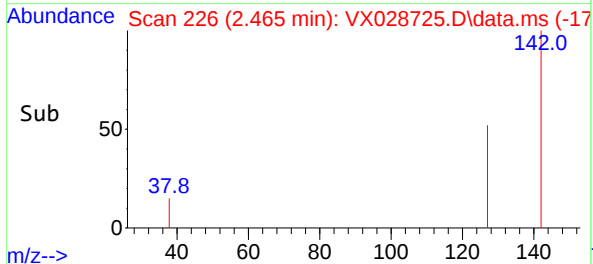
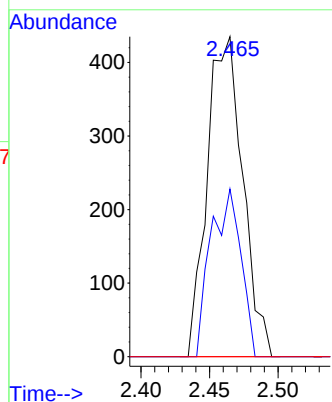


#10
Methyl Iodide
Concen: 0.241 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX028725.D
Acq: 16 May 2022 12:47

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

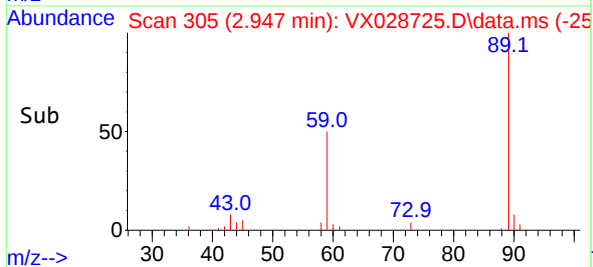
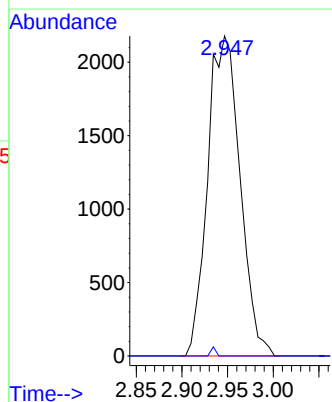
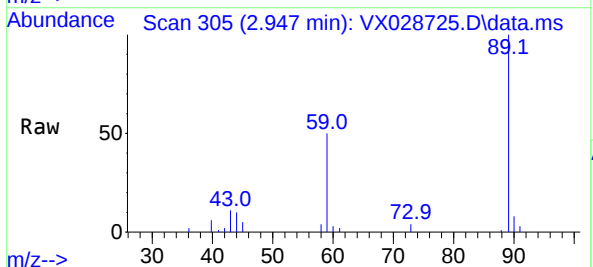


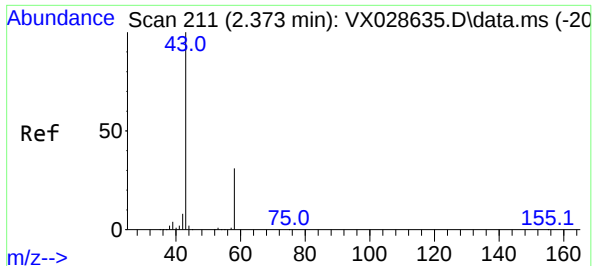
Tgt Ion:142 Resp: 786
Ion Ratio Lower Upper
142 100
127 44.3 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028725.D
Acq: 16 May 2022 12:47

Tgt Ion: 59 Resp: 5367
Ion Ratio Lower Upper
59 100
57 0.4 8.3 12.5#

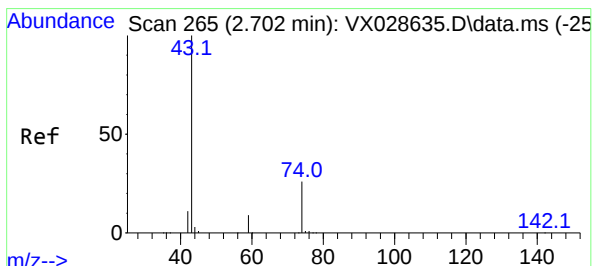
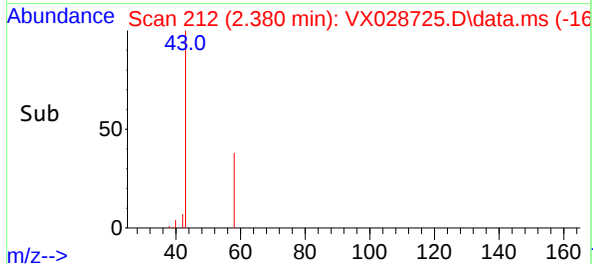
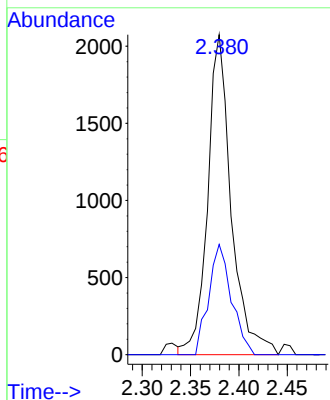
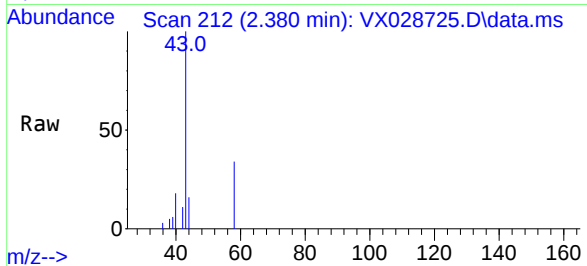




#16
Acetone
Concen: 2.443 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028725.D
Acq: 16 May 2022 12:47

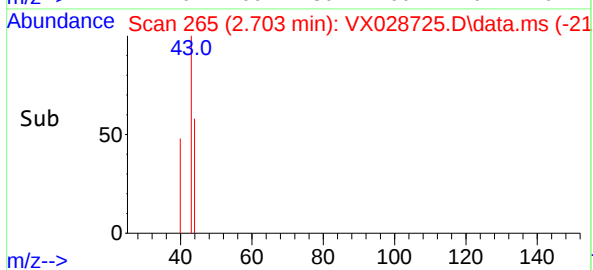
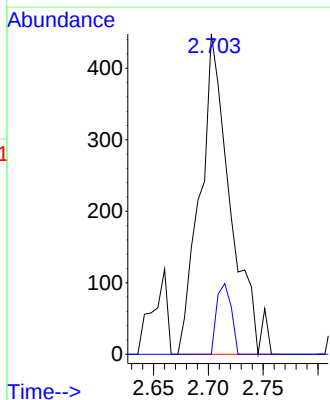
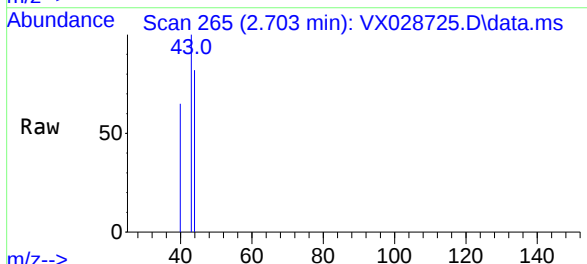
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

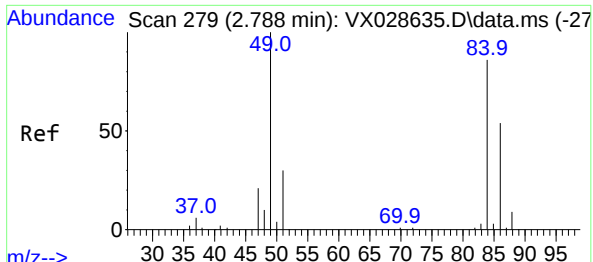
Tgt Ion: 43 Resp: 3510
Ion Ratio Lower Upper
43 100
58 34.5 28.8 43.2



#18
Methyl Acetate
Concen: 0.239 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028725.D
Acq: 16 May 2022 12:47

Tgt Ion: 43 Resp: 859
Ion Ratio Lower Upper
43 100
74 10.6 22.8 34.2#



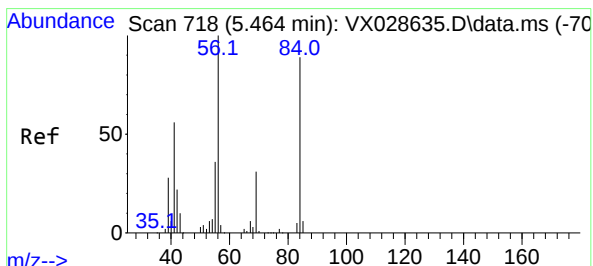
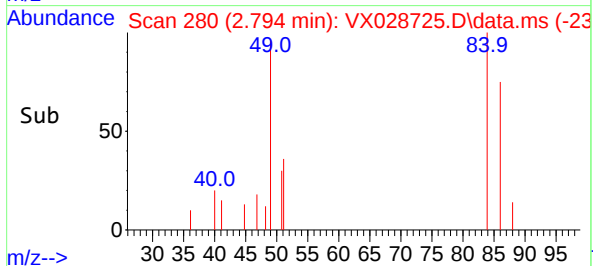
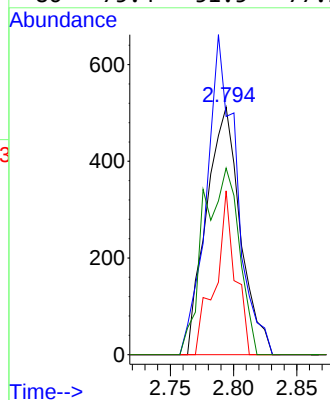
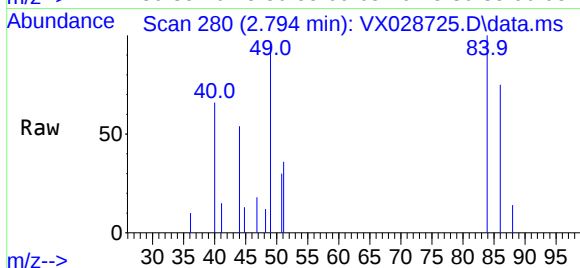


#20
Methylene Chloride
Concen: 0.316 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028725.D
Acq: 16 May 2022 12:47

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 84 Resp: 953

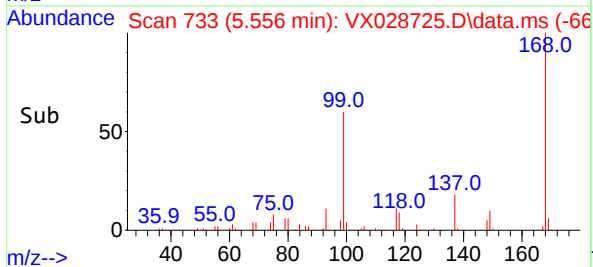
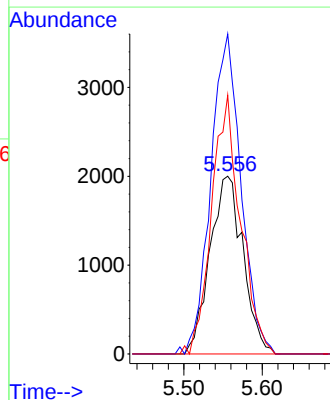
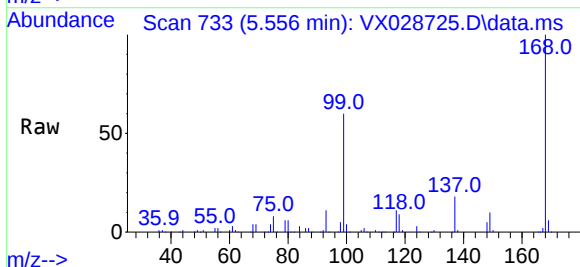
Ion	Ratio	Lower	Upper
84	100		
49	96.3	85.5	128.3
51	66.2	26.6	39.8#
86	75.4	51.5	77.3

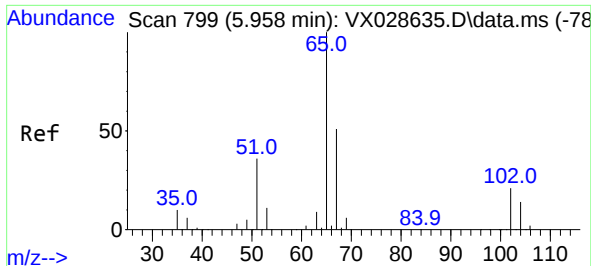


#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX028725.D
Acq: 16 May 2022 12:47

Tgt Ion: 56 Resp: 5862

Ion	Ratio	Lower	Upper
56	100		
69	180.0	26.7	40.1#
84	145.5	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 52.438 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028725.D

Acq: 16 May 2022 12:47

Instrument :

MSVOA_X

ClientSampleId :

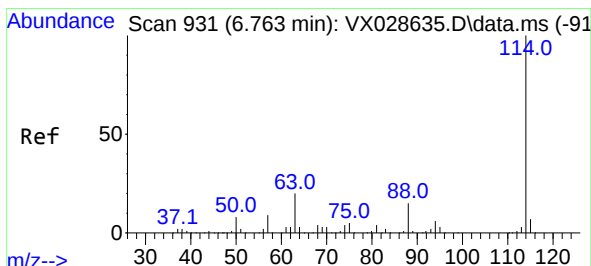
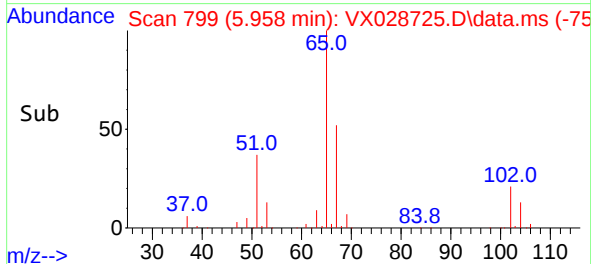
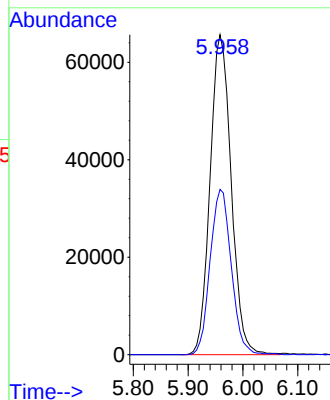
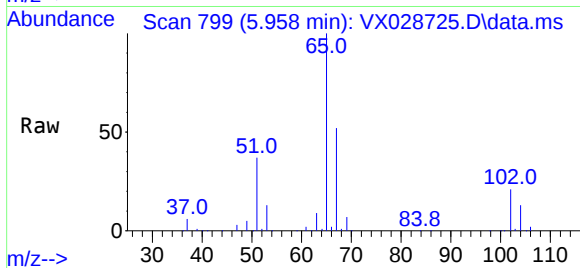
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Tgt Ion: 65 Resp: 175572

Ion Ratio Lower Upper

65 100

67 51.5 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: VX028725.D

Acq: 16 May 2022 12:47

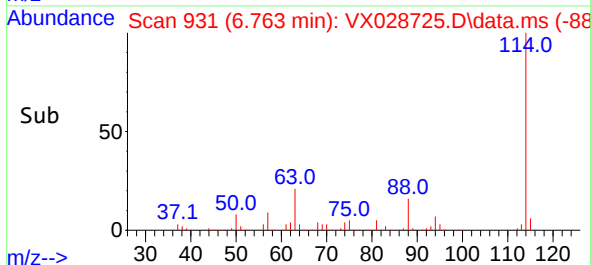
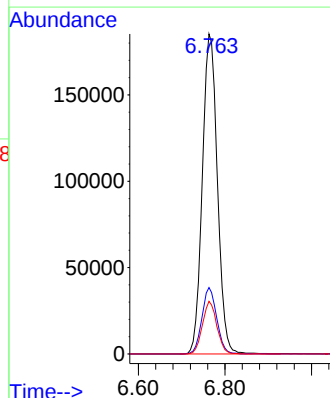
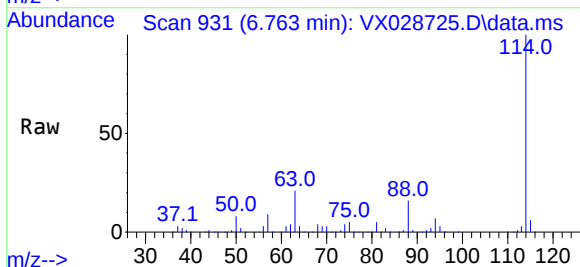
Tgt Ion: 114 Resp: 447323

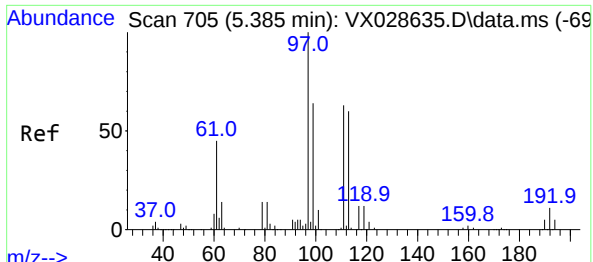
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.8

88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.380 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028725.D

Acq: 16 May 2022 12:47

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

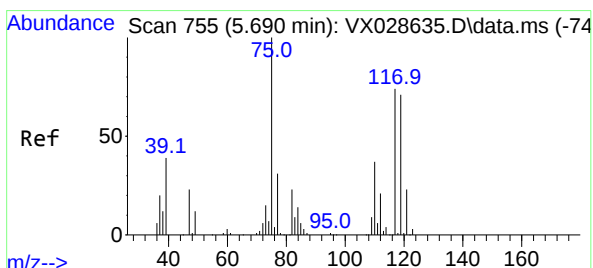
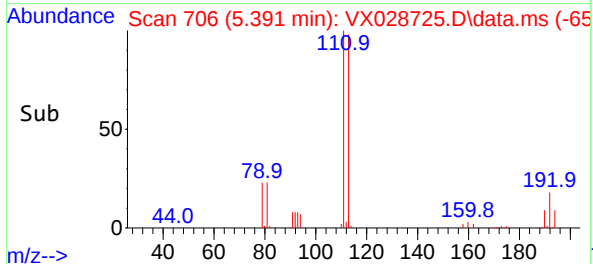
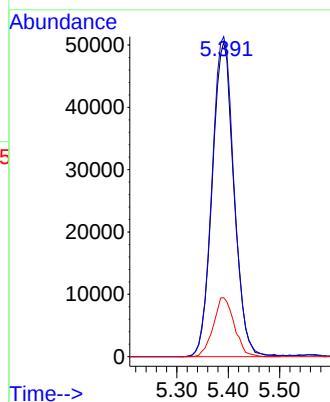
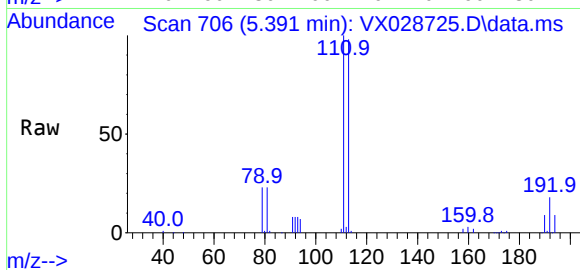
Tgt Ion:113 Resp: 147652

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 18.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.734 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX028725.D

Acq: 16 May 2022 12:47

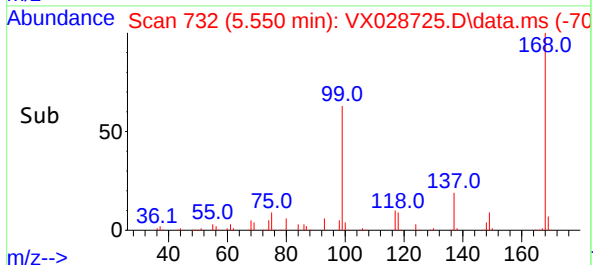
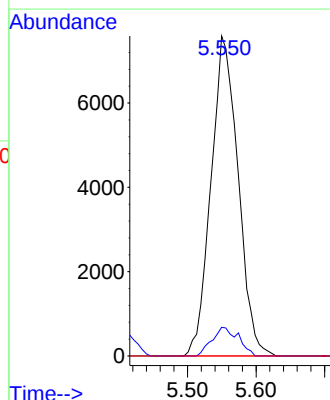
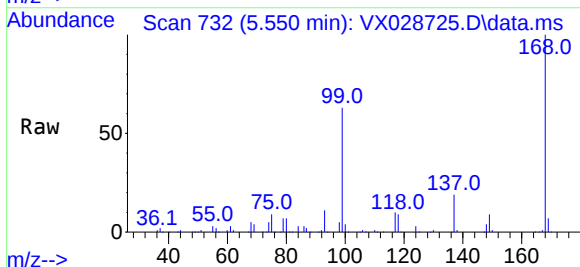
Tgt Ion: 75 Resp: 20840

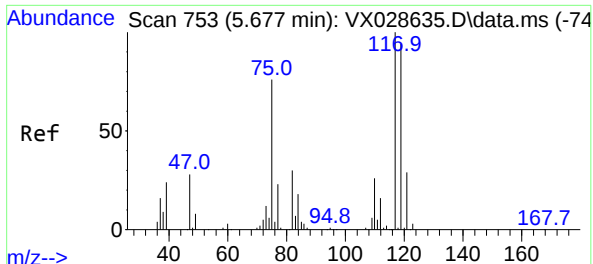
Ion Ratio Lower Upper

75 100

110 8.7 18.3 54.8#

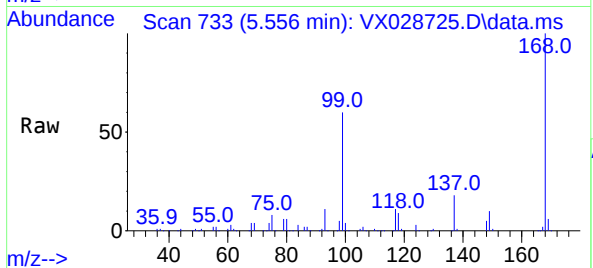
77 0.0 24.8 37.2#



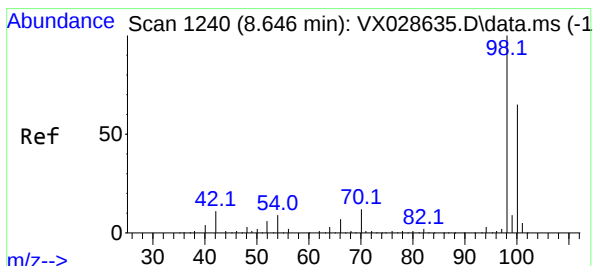
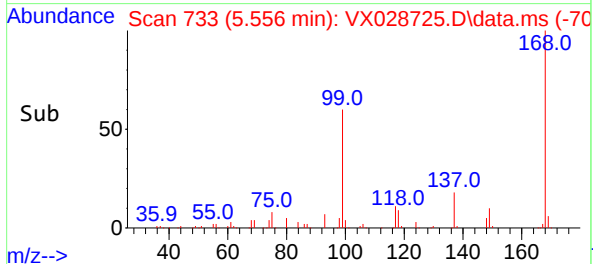
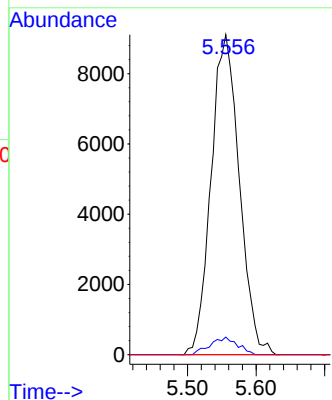


#38
Carbon Tetrachloride
Concen: 5.887 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028725.D
Acq: 16 May 2022 12:47

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

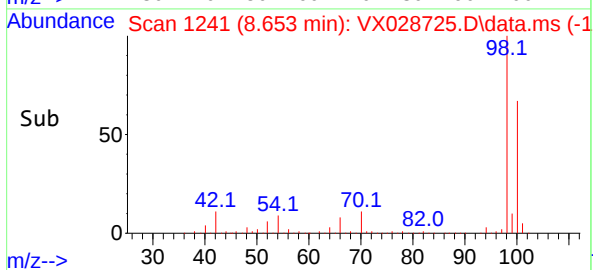
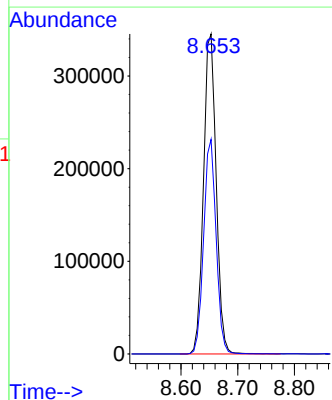
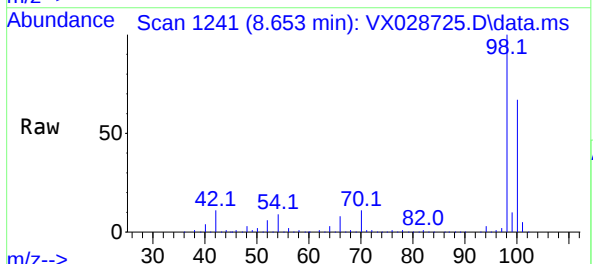


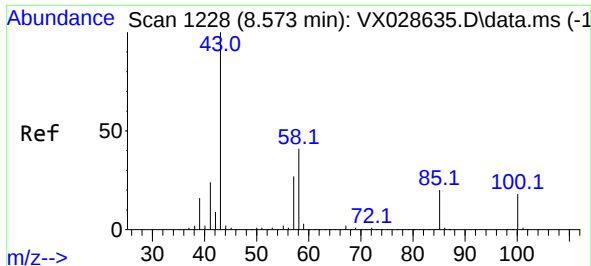
Tgt Ion:117 Resp: 26078
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.644 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028725.D
Acq: 16 May 2022 12:47

Tgt Ion: 98 Resp: 537503
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.530 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX028725.D

Acq: 16 May 2022 12:47

Instrument :

MSVOA_X

ClientSampleId :

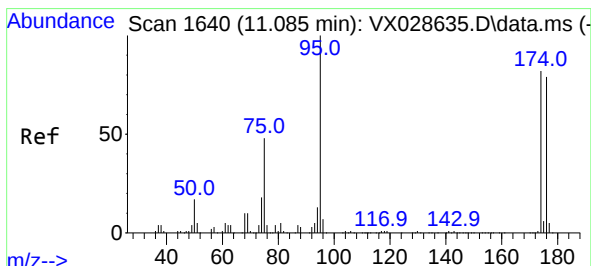
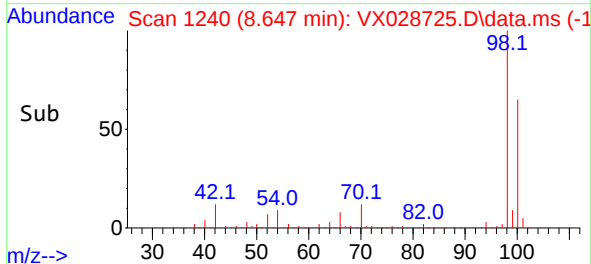
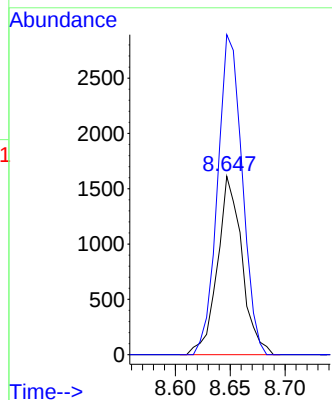
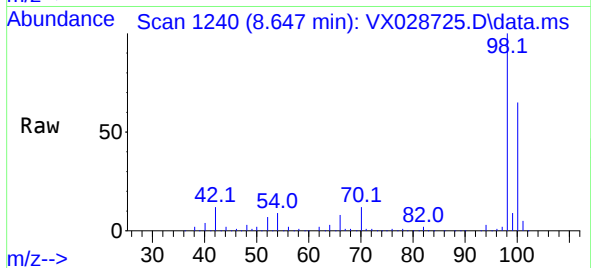
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Tgt Ion: 43 Resp: 2509

Ion Ratio Lower Upper

43 100

58 180.7 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 48.099 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028725.D

Acq: 16 May 2022 12:47

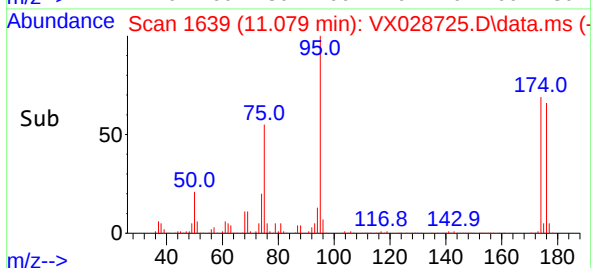
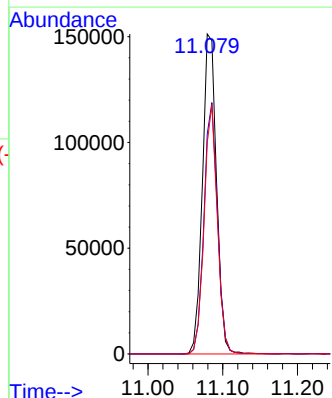
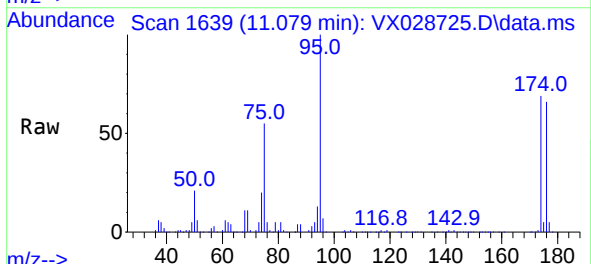
Tgt Ion: 95 Resp: 198510

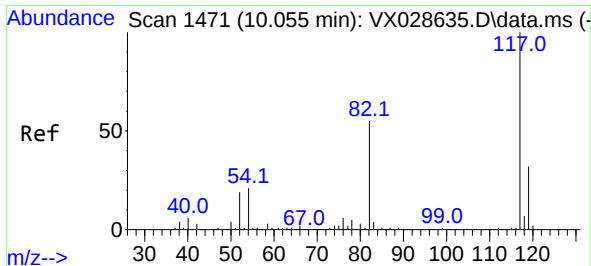
Ion Ratio Lower Upper

95 100

174 75.3 0.0 163.0

176 72.8 0.0 155.0

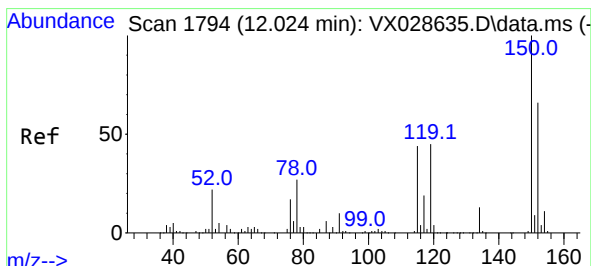
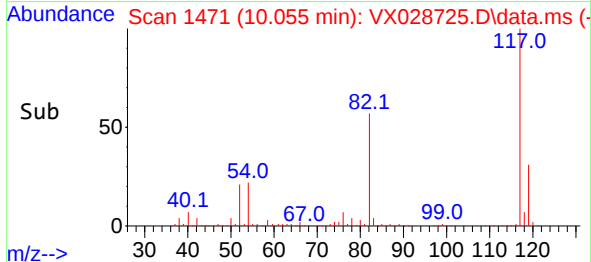
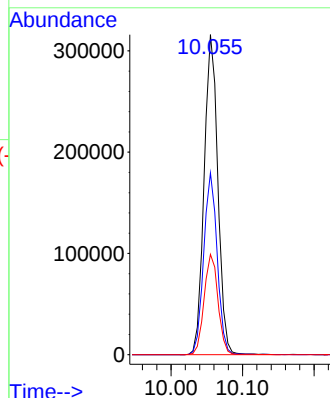
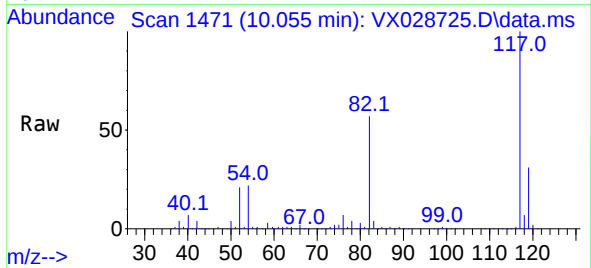




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028725.D
Acq: 16 May 2022 12:47

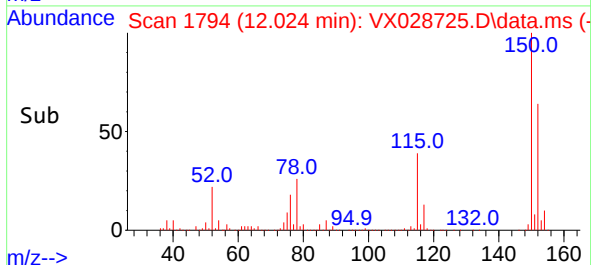
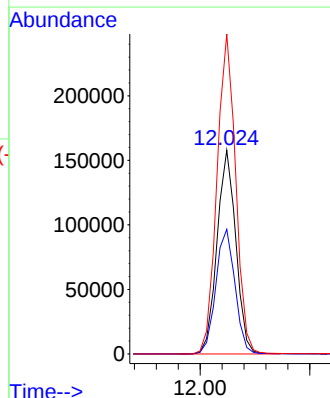
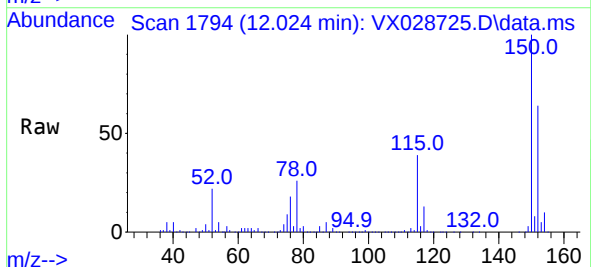
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

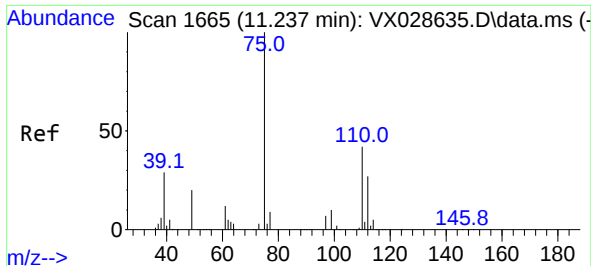
Tgt Ion:117 Resp: 421326
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 31.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028725.D
Acq: 16 May 2022 12:47

Tgt Ion:152 Resp: 188274
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 156.4 0.0 338.2

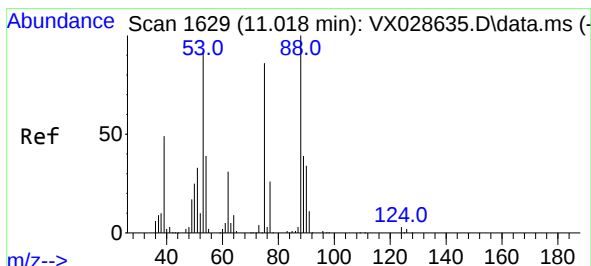
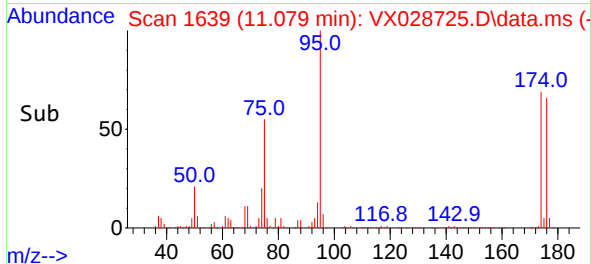
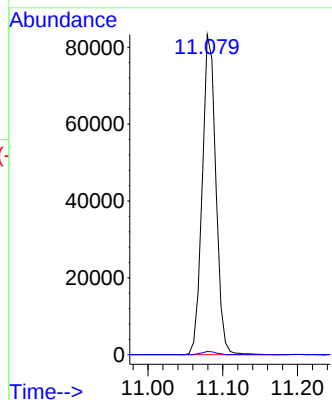
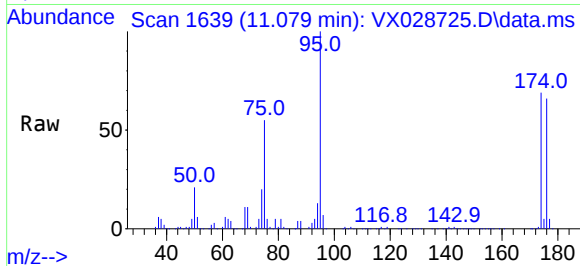




#76
1,2,3-Trichloropropane
Concen: 23.896 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028725.D
Acq: 16 May 2022 12:47

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 105362
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.640 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028725.D
Acq: 16 May 2022 12:47

Tgt Ion: 75 Resp: 105362
Ion Ratio Lower Upper
75 100
53 0.1 69.0 103.4#
89 0.1 37.0 55.6#

