

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028947.D
 Acq On : 25 May 2022 13:54
 Operator : JC/MD
 Sample : N2983-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 24BR-20220520

Quant Time: May 26 05:44:07 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)

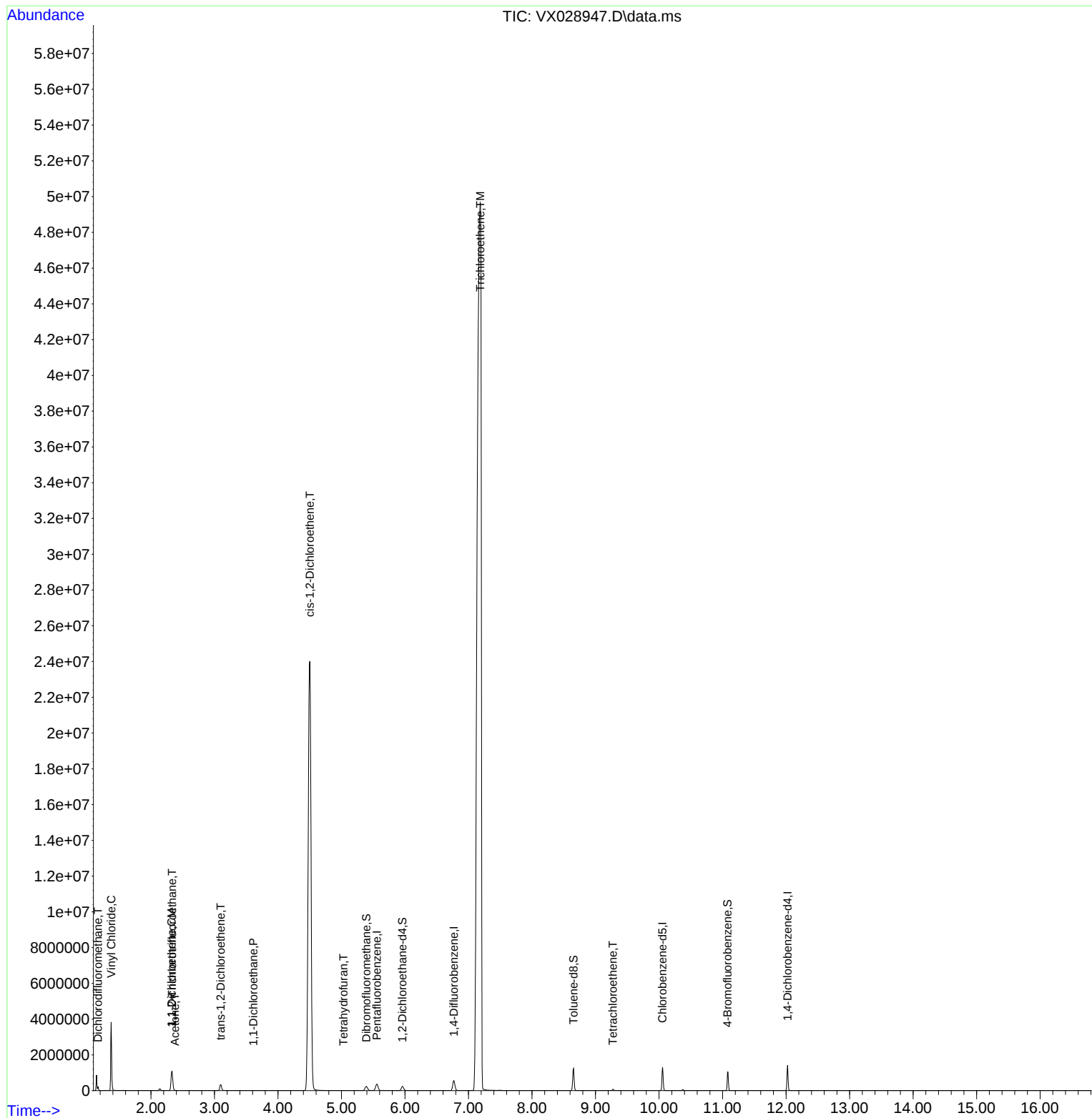
Internal Standards						
1) Pentafluorobenzene	5.556	168	339302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	604689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	589108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	288307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	231563	49.787	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.580%
35) Dibromofluoromethane	5.391	113	202526	51.119	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.240%
50) Toluene-d8	8.653	98	720244	48.219	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.440%
62) 4-Bromofluorobenzene	11.079	95	290561	52.081	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	86560	19.483	ug/l	99
4) Vinyl Chloride	1.374	62	2310447	512.405	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	335182	88.602	ug/l	99
12) 1,1-Dichloroethene	2.325	96	118323	33.695	ug/l	99
16) Acetone	2.380	43	9623	4.821	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	152080	38.448	ug/l	99
24) 1,1-Dichloroethane	3.611	63	5078	0.726	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	17351539	3755.932	ug/l	81
29) Tetrahydrofuran	5.032	42	566	0.278	ug/l #	82
44) Trichloroethene	7.184	130	36123095	7788.243	ug/l	100
64) Tetrachloroethene	9.275	164	13678	3.075	ug/l	94

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

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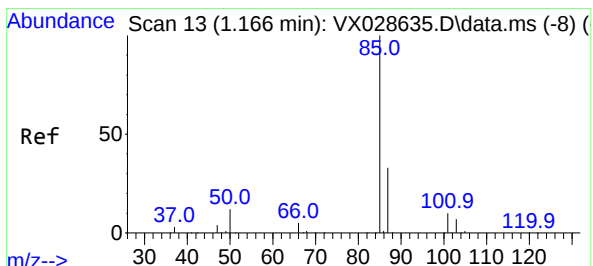
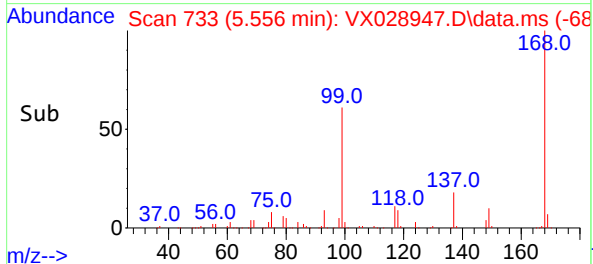
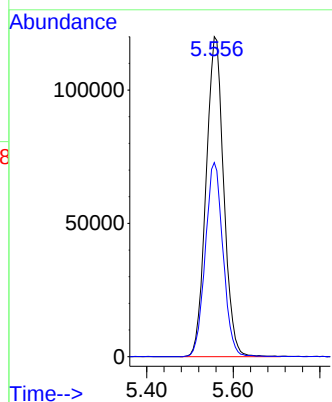
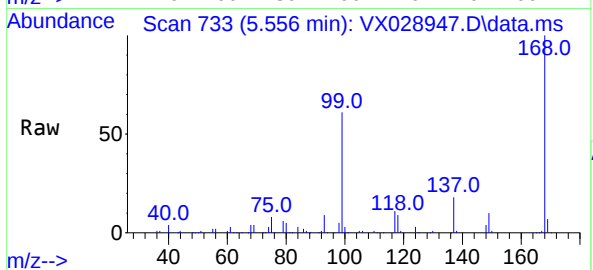




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028947.D
Acq: 25 May 2022 13:54

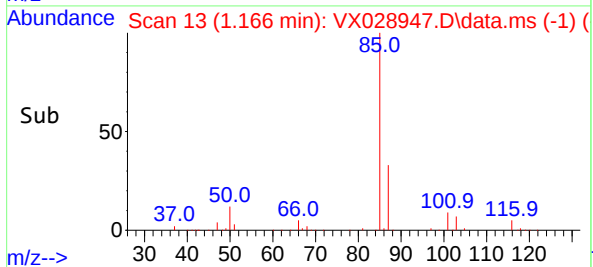
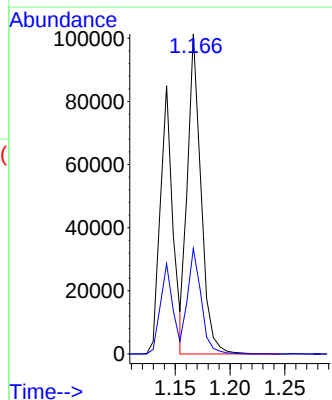
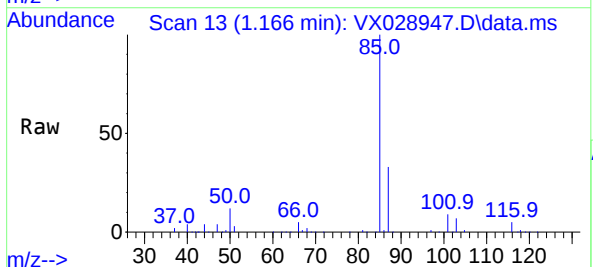
Instrument :
MSVOA_X
ClientSampleId :
24BR-20220520

Tgt Ion:168 Resp: 339302
Ion Ratio Lower Upper
168 100
99 60.7 41.7 62.5

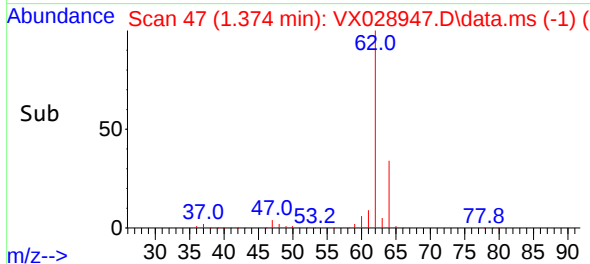
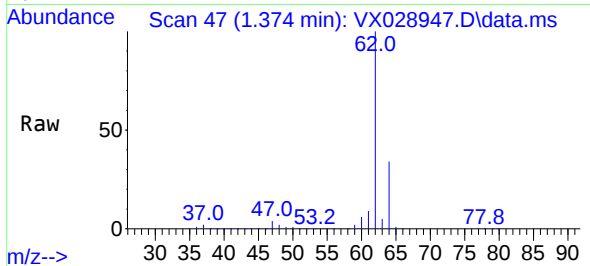
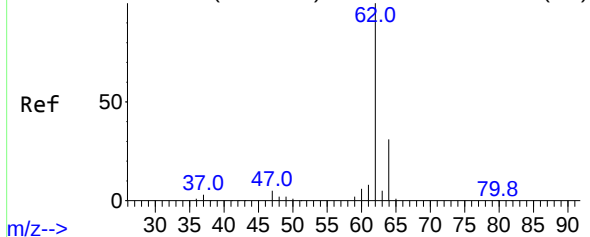


#2
Dichlorodifluoromethane
Concen: 19.483 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028947.D
Acq: 25 May 2022 13:54

Tgt Ion: 85 Resp: 86560
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.6



Abundance Scan 47 (1.373 min): VX028635.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 512.405 ug/l

RT: 1.374 min Scan# 41

Delta R.T. 0.001 min

Lab File: VX028947.D

Acq: 25 May 2022 13:54

Instrument :

MSVOA_X

ClientSampleId :

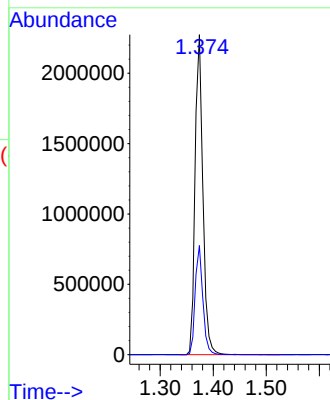
24BR-20220520

Tgt Ion: 62 Resp: 2310447

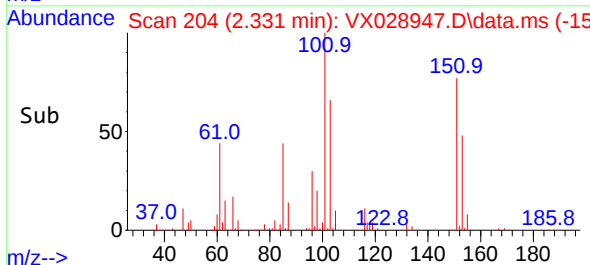
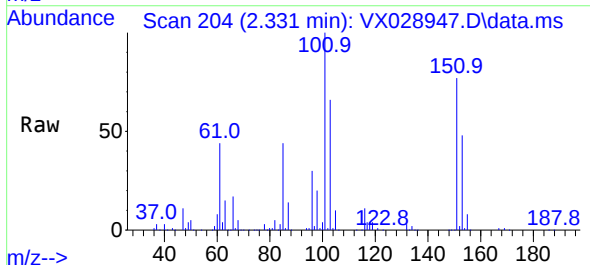
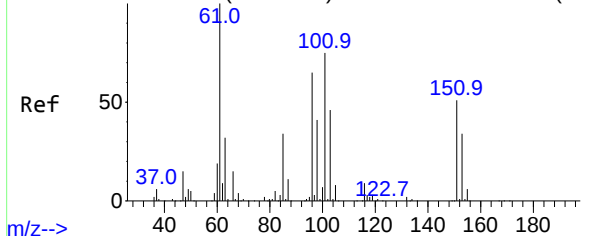
Ion Ratio Lower Upper

62 100

64 34.1 25.5 38.3



Abundance Scan 203 (2.324 min): VX028635.D\data.ms (-19)



#9

1,1,2-Trichlorotrifluoroethane

Concen: 88.602 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.007 min

Lab File: VX028947.D

Acq: 25 May 2022 13:54

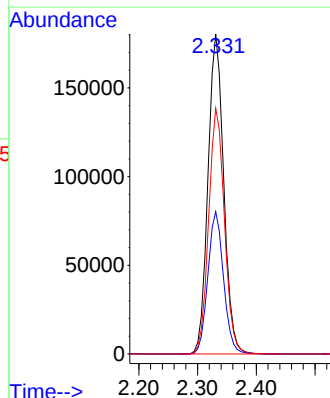
Tgt Ion:101 Resp: 335182

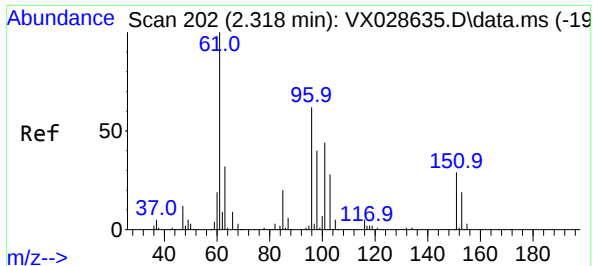
Ion Ratio Lower Upper

101 100

85 44.3 33.5 50.3

151 77.2 61.8 92.6

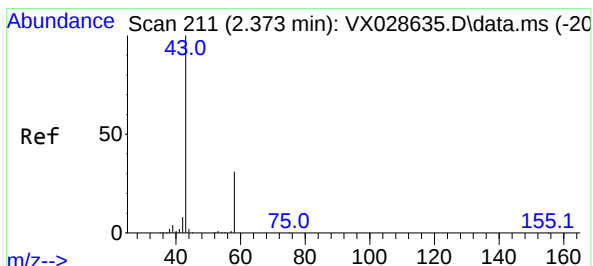
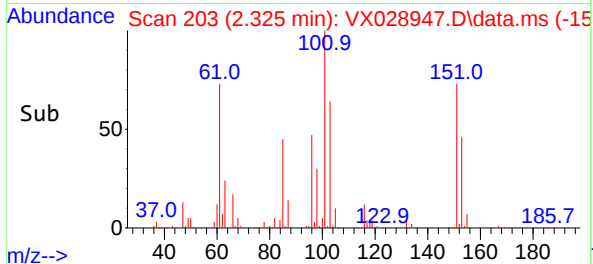
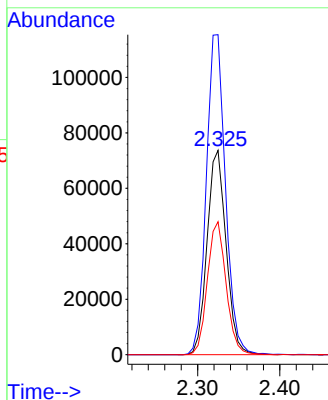
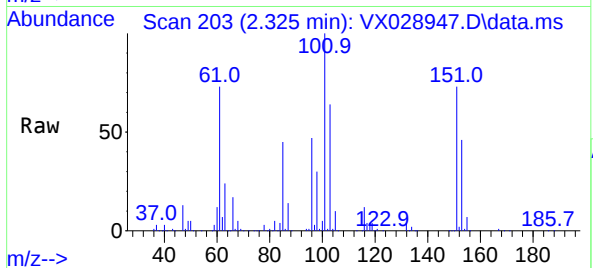




#12
1,1-Dichloroethene
Concen: 33.695 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.007 min
Lab File: VX028947.D
Acq: 25 May 2022 13:54

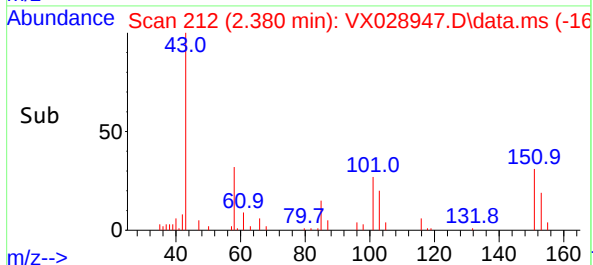
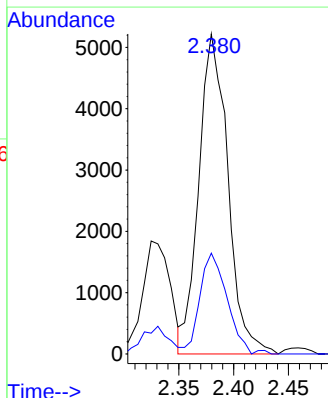
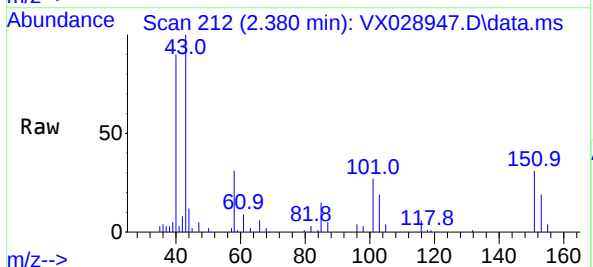
Instrument :
MSVOA_X
ClientSampleId :
24BR-20220520

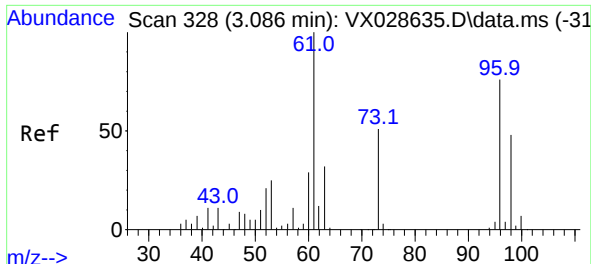
Tgt Ion: 96 Resp: 118323
Ion Ratio Lower Upper
96 100
61 156.6 124.6 187.0
98 65.1 51.0 76.4



#16
Acetone
Concen: 4.821 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028947.D
Acq: 25 May 2022 13:54

Tgt Ion: 43 Resp: 9623
Ion Ratio Lower Upper
43 100
58 31.5 28.8 43.2

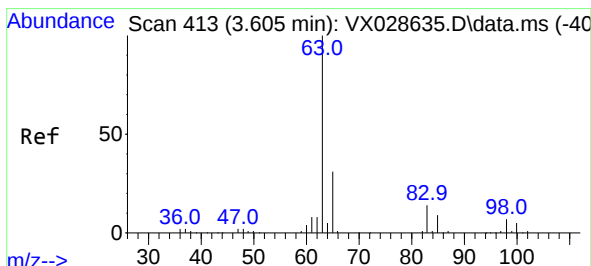
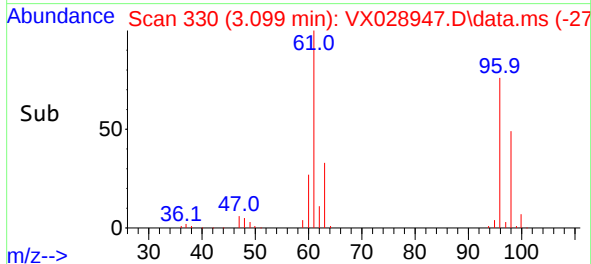
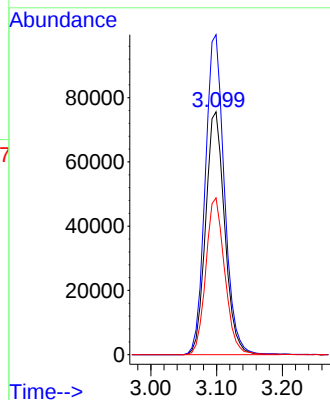
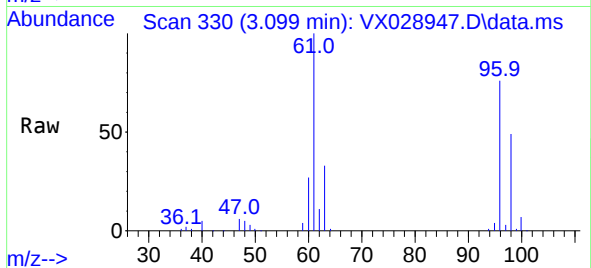




#21
trans-1,2-Dichloroethene
Concen: 38.448 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX028947.D
Acq: 25 May 2022 13:54

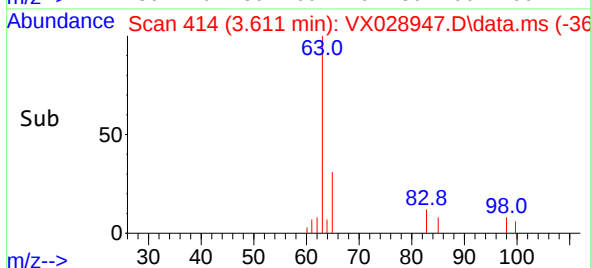
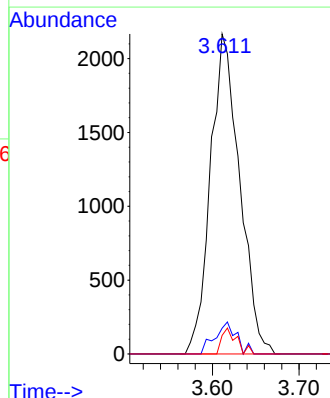
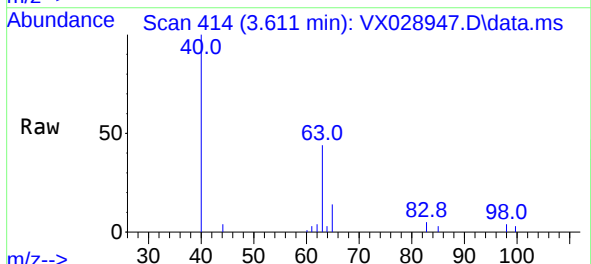
Instrument :
MSVOA_X
ClientSampleId :
24BR-20220520

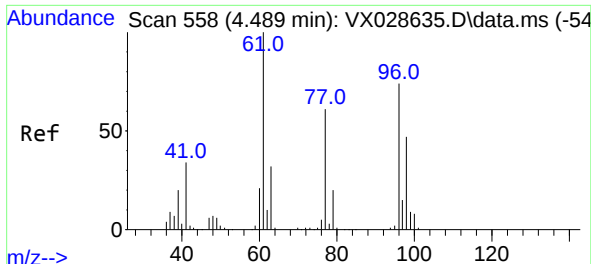
Tgt Ion: 96 Resp: 152080
Ion Ratio Lower Upper
96 100
61 131.8 105.4 158.2
98 64.6 50.0 75.0



#24
1,1-Dichloroethane
Concen: 0.726 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX028947.D
Acq: 25 May 2022 13:54

Tgt Ion: 63 Resp: 5078
Ion Ratio Lower Upper
63 100
98 8.0 3.9 11.7
100 5.8 2.4 7.2

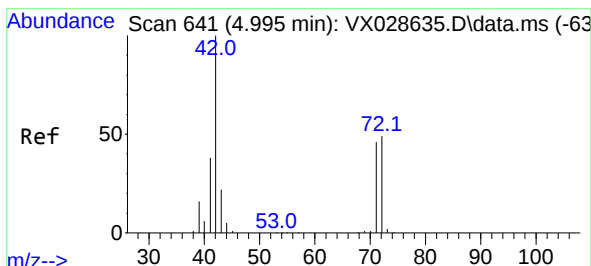
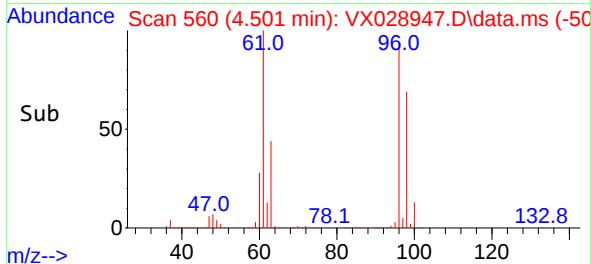
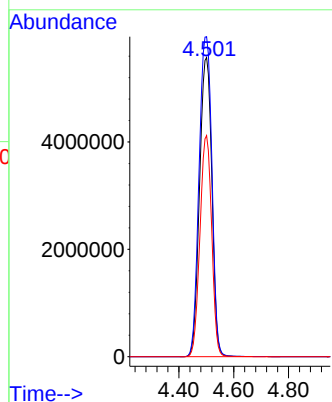
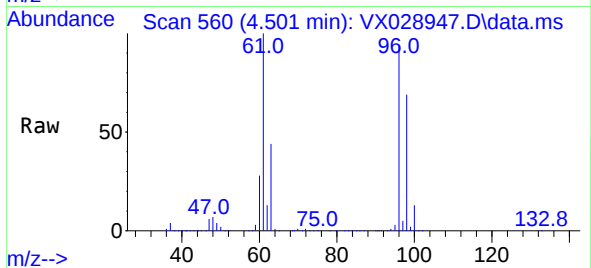




#27
cis-1,2-Dichloroethene
Concen: 3755.932 ug/l
RT: 4.501 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX028947.D
Acq: 25 May 2022 13:54

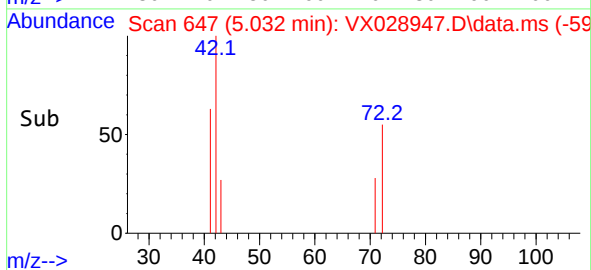
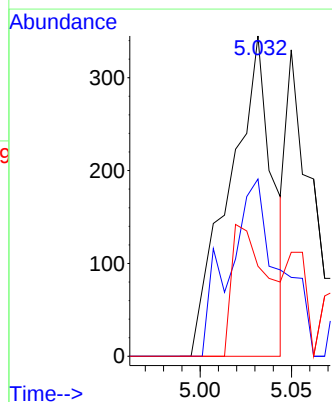
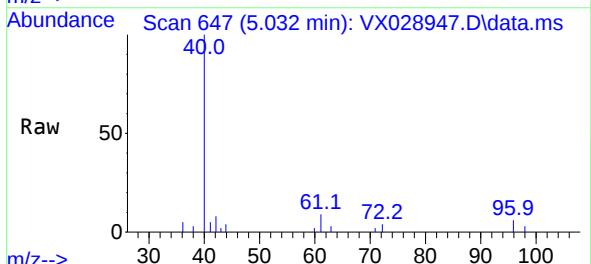
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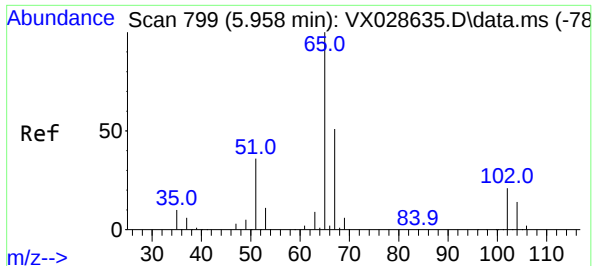
Tgt Ion: 96 Resp:17351539
Ion Ratio Lower Upper
96 100
61 111.7 0.0 283.8
98 70.4 0.0 129.8



#29
Tetrahydrofuran
Concen: 0.278 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.037 min
Lab File: VX028947.D
Acq: 25 May 2022 13:54

Tgt Ion: 42 Resp: 566
Ion Ratio Lower Upper
42 100
72 65.4 44.1 66.1
71 34.8 40.5 60.7#

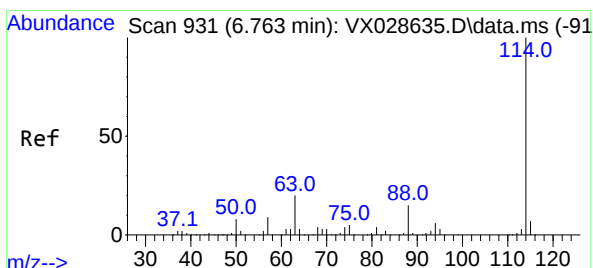
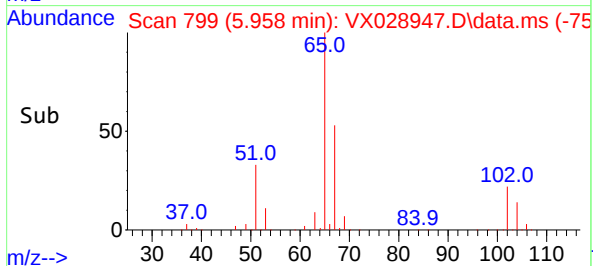
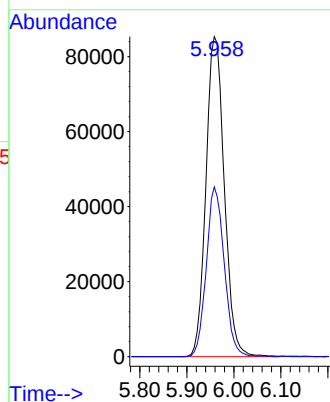
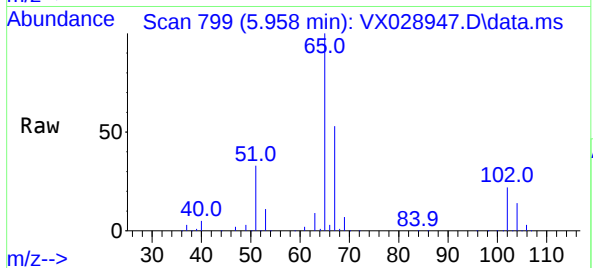




#33
1,2-Dichloroethane-d4
Concen: 49.787 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028947.D
Acq: 25 May 2022 13:54

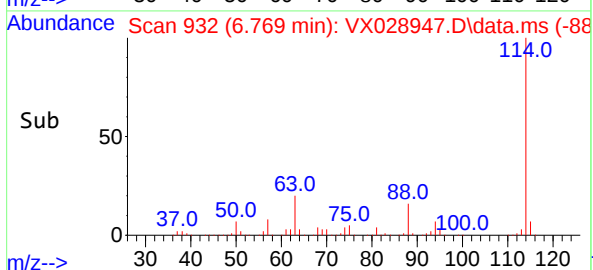
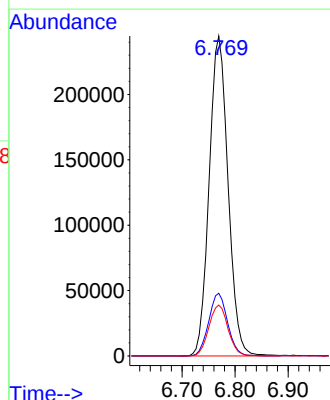
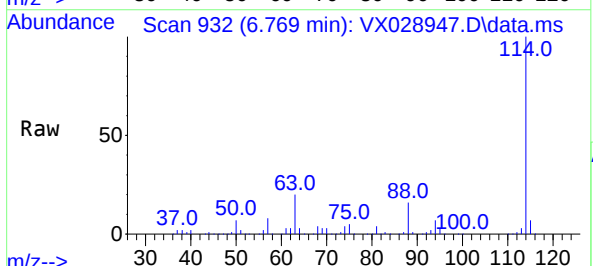
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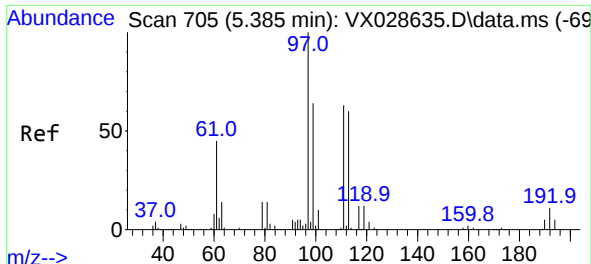
Tgt Ion: 65 Resp: 231563
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX028947.D
Acq: 25 May 2022 13:54

Tgt Ion: 114 Resp: 604689
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 15.9 0.0 32.4

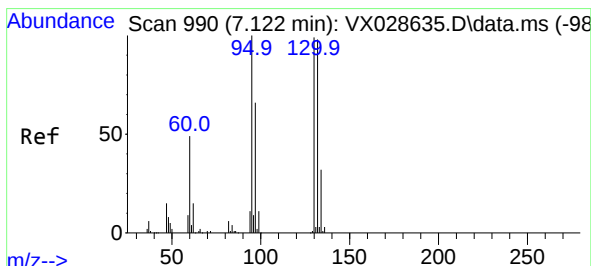
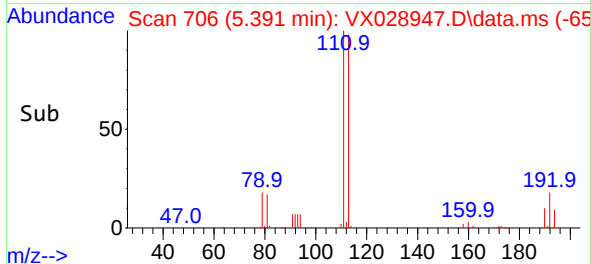
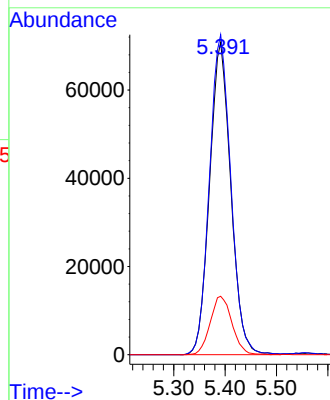
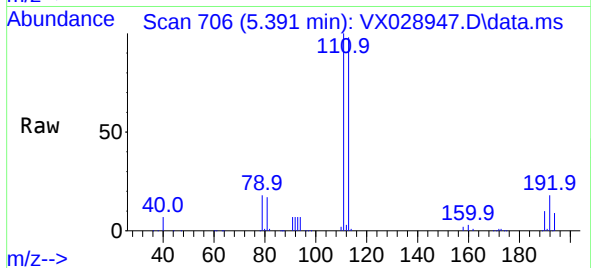




#35
Dibromofluoromethane
Concen: 51.119 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028947.D
Acq: 25 May 2022 13:54

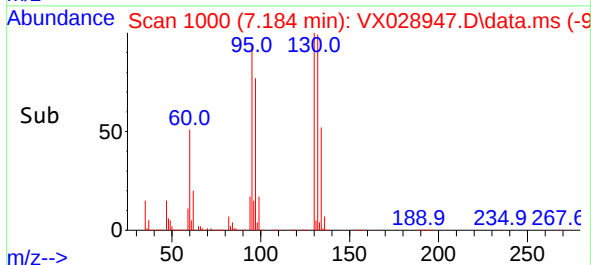
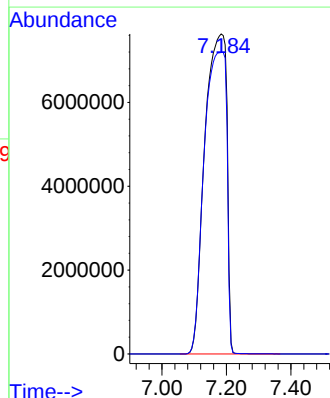
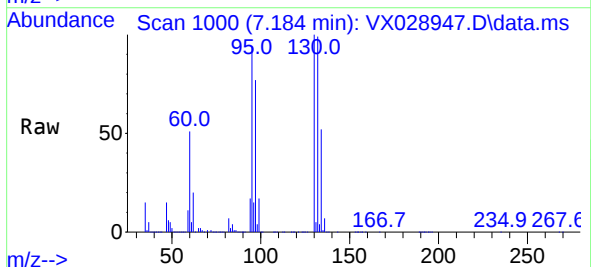
Instrument :
MSVOA_X
ClientSampleId :
24BR-20220520

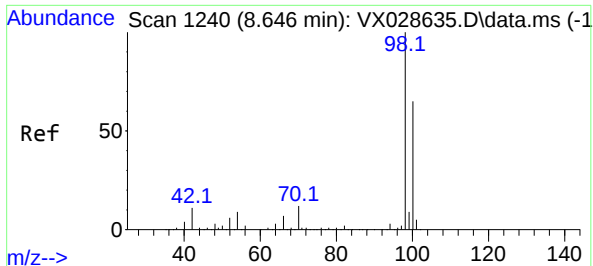
Tgt Ion:113 Resp: 202526
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 19.2 16.9 25.3



#44
Trichloroethene
Concen: 7788.243 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. 0.062 min
Lab File: VX028947.D
Acq: 25 May 2022 13:54

Tgt Ion:130 Resp:36123095
Ion Ratio Lower Upper
130 100
95 94.2 0.0 188.8

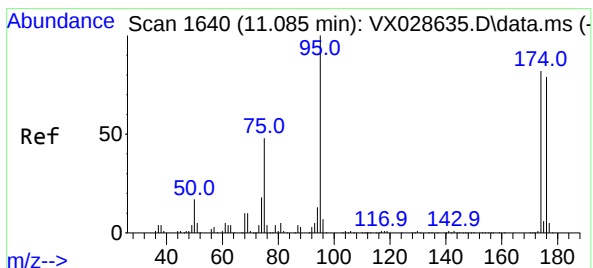
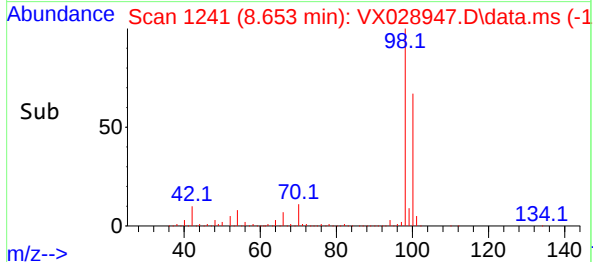
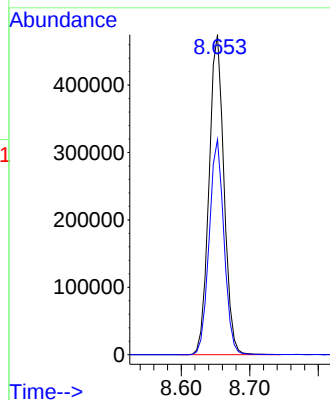
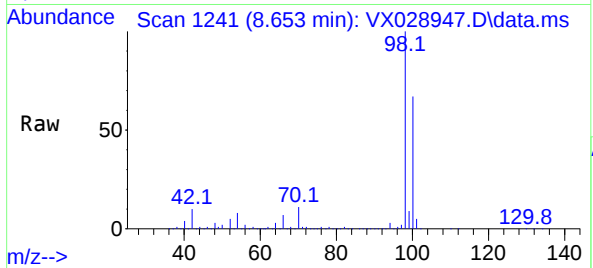




#50
Toluene-d8
Concen: 48.219 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028947.D
Acq: 25 May 2022 13:54

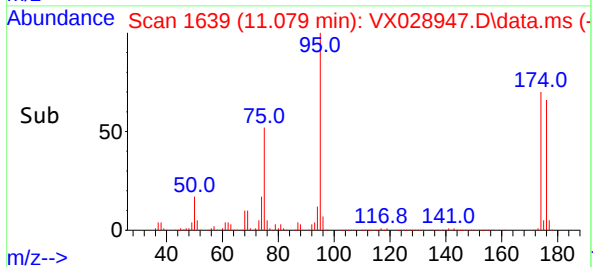
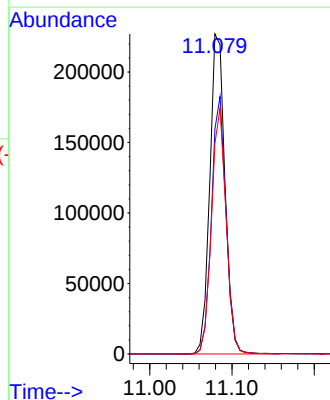
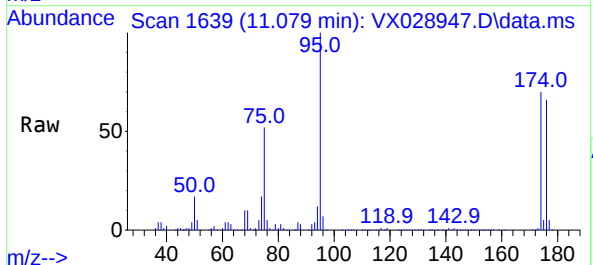
Instrument :
MSVOA_X
ClientSampleId :
24BR-20220520

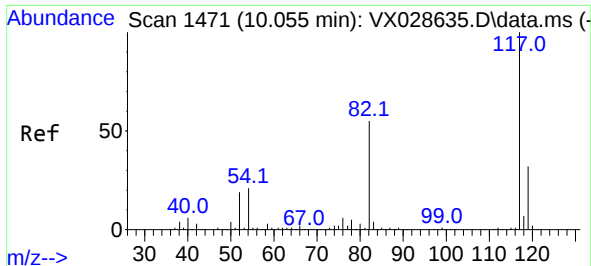
Tgt Ion: 98 Resp: 720244
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.081 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028947.D
Acq: 25 May 2022 13:54

Tgt Ion: 95 Resp: 290561
Ion Ratio Lower Upper
95 100
174 77.3 0.0 163.0
176 73.9 0.0 155.0

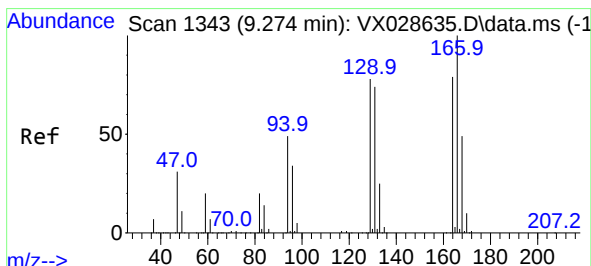
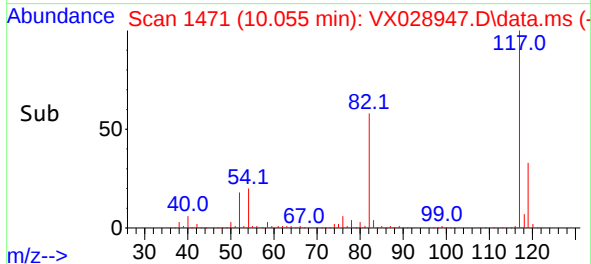
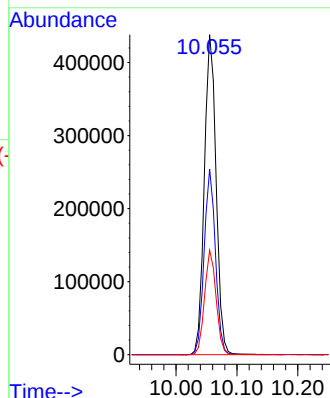
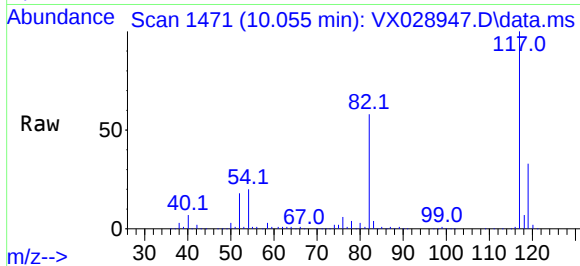




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028947.D
Acq: 25 May 2022 13:54

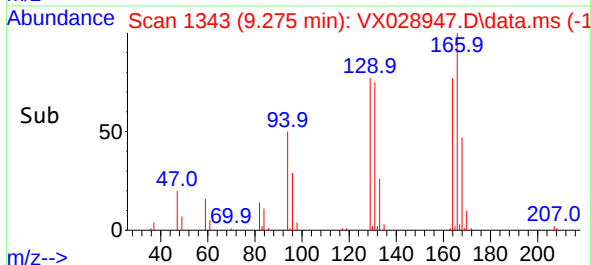
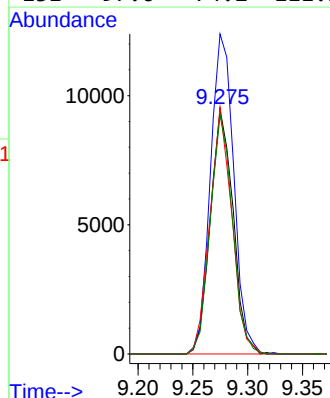
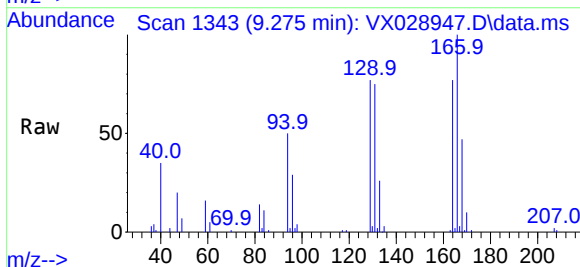
Instrument :
MSVOA_X
ClientSampleId :
24BR-20220520

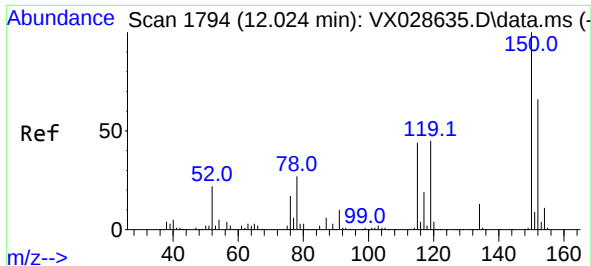
Tgt Ion:117 Resp: 589108
Ion Ratio Lower Upper
117 100
82 58.0 41.8 62.8
119 32.6 24.8 37.2



#64
Tetrachloroethene
Concen: 3.075 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028947.D
Acq: 25 May 2022 13:54

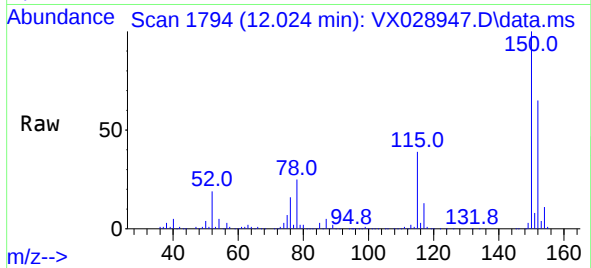
Tgt Ion:164 Resp: 13678
Ion Ratio Lower Upper
164 100
166 130.7 101.2 151.8
129 100.7 73.0 109.4
131 97.6 74.2 111.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028947.D
 Acq: 25 May 2022 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 24BR-20220520



Tgt Ion:152 Resp: 288307
 Ion Ratio Lower Upper
 152 100
 115 61.5 37.5 112.7
 150 156.1 0.0 338.2

