

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028864.D
 Acq On : 20 May 2022 20:26
 Operator : JC/MD
 Sample : N2958-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT172S1-20220516

Quant Time: May 20 23:34:19 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.	T. QIon	Response	Conc	Units	Dev(Min)

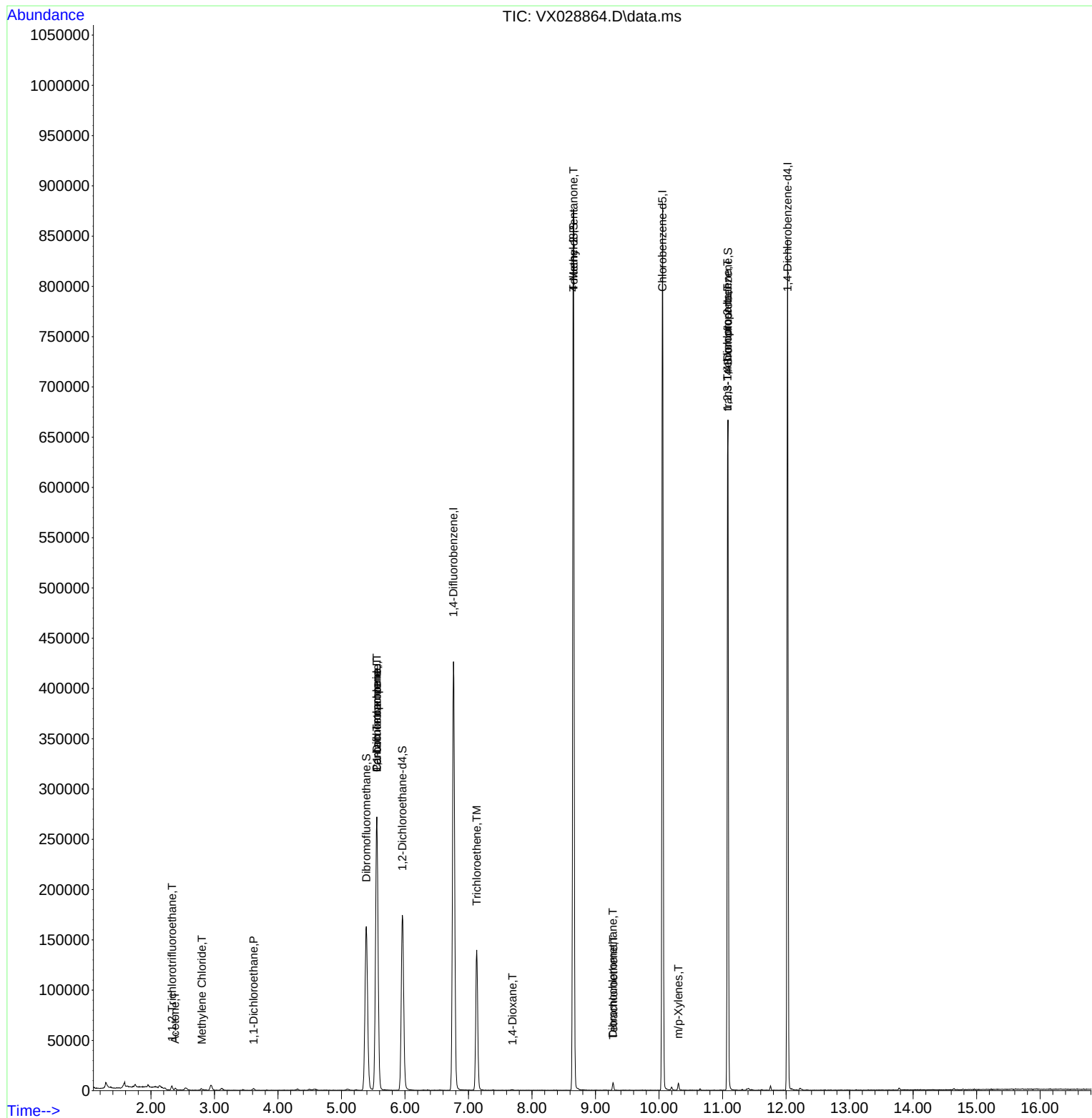
Internal Standards						
1) Pentafluorobenzene	5.556	168	248268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	437567	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171355	50.351	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.700%	
35) Dibromofluoromethane	5.391	113	139638	48.707	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.420%	
50) Toluene-d8	8.653	98	510995	47.277	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 94.560%	
62) 4-Bromofluorobenzene	11.085	95	174469	43.216	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 86.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	664	Below Cal	#	65
6) Chloroethane	1.660	64	548	Below Cal	#	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	1359	0.491	ug/l	95
11) Tert butyl alcohol	2.940	59	3253	Below Cal	#	72
16) Acetone	2.380	43	1818	1.245	ug/l	97
20) Methylene Chloride	2.800	84	630	0.206	ug/l #	62
24) 1,1-Dichloroethane	3.617	63	1979	0.387	ug/l #	93
36) 1,1-Dichloropropene	5.556	75	20530	4.768	ug/l #	50
38) Carbon Tetrachloride	5.556	117	26708	6.163	ug/l #	16
44) Trichloroethene	7.129	130	53065	15.811	ug/l	96
49) 1,4-Dioxane	7.690	88	444	5.229	ug/l #	75
51) 4-Methyl-2-Pentanone	8.653	43	2299	0.496	ug/l #	1
60) Dibromochloromethane	9.275	129	1276	0.403	ug/l #	9
64) Tetrachloroethene	9.281	164	1342	0.461	ug/l	93
68) m/p-Xylenes	10.305	106	1728	0.303	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	94191	24.766	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	94191	72.034	ug/l #	15

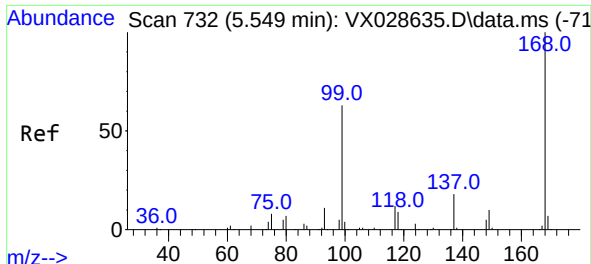
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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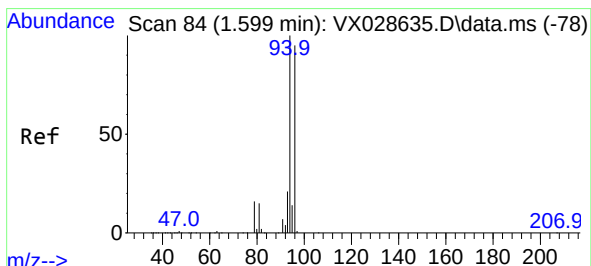
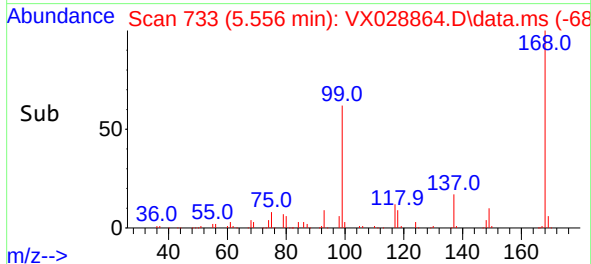
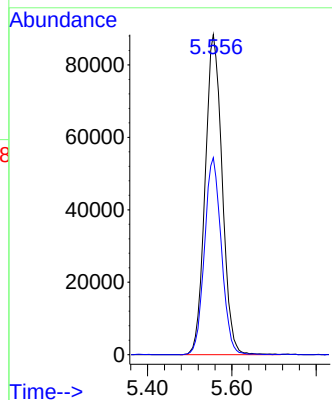
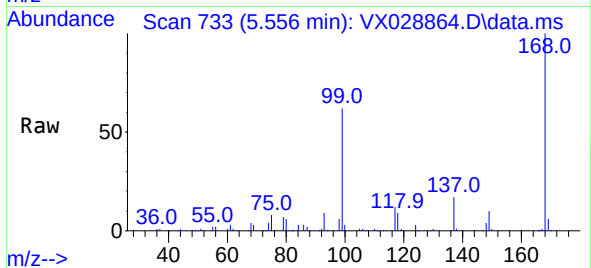




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26

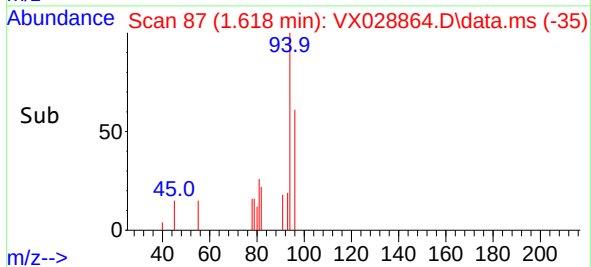
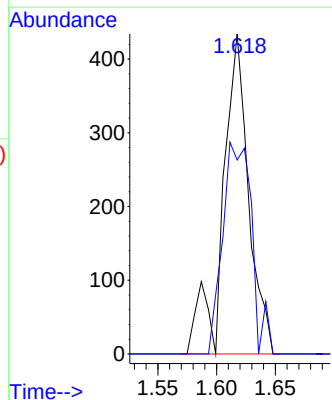
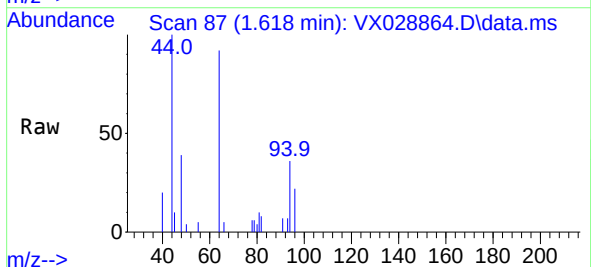
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20220516

Tgt Ion:168 Resp: 248268
Ion Ratio Lower Upper
168 100
99 61.5 41.7 62.5

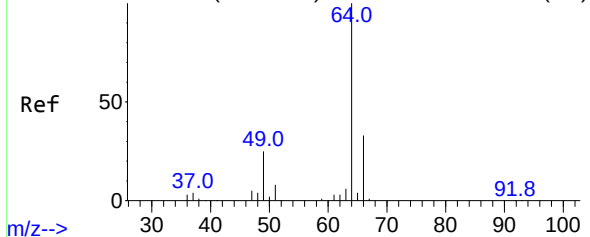


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26

Tgt Ion: 94 Resp: 664
Ion Ratio Lower Upper
94 100
96 60.6 75.3 112.9#



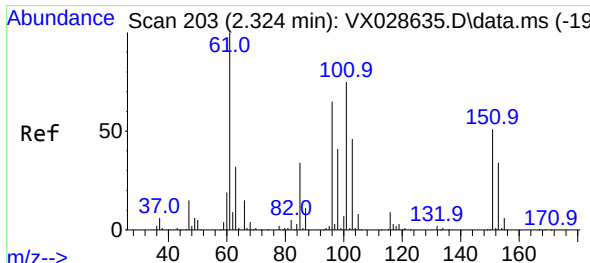
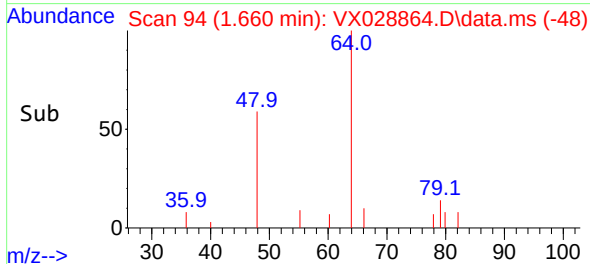
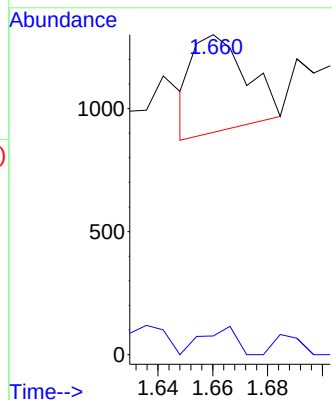
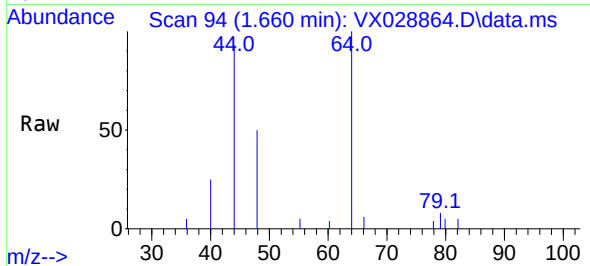
Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26

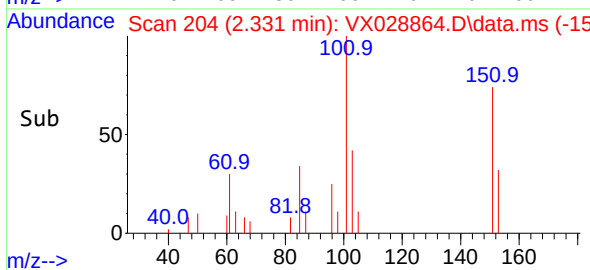
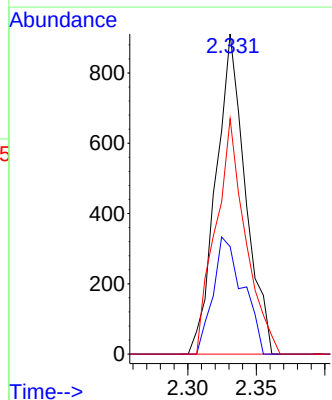
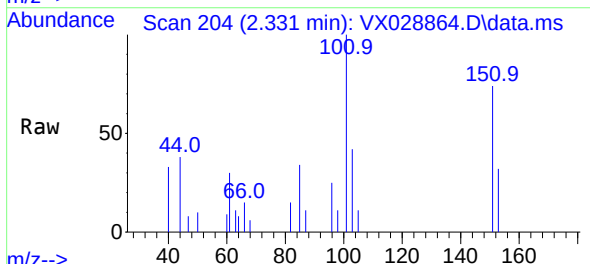
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20220516

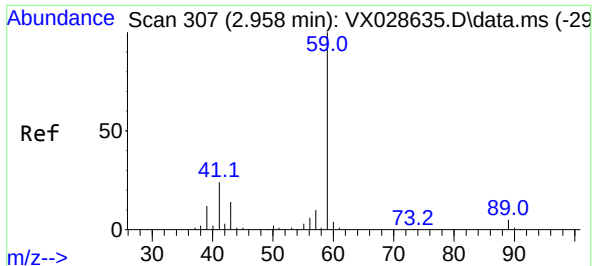
Tgt Ion: 64 Resp: 548
Ion Ratio Lower Upper
64 100
66 22.9 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.491 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.007 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26

Tgt Ion:101 Resp: 1359
Ion Ratio Lower Upper
101 100
85 37.3 33.5 50.3
151 74.5 61.8 92.6





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX028864.D

Acq: 20 May 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

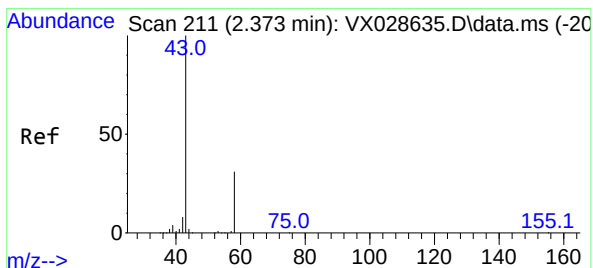
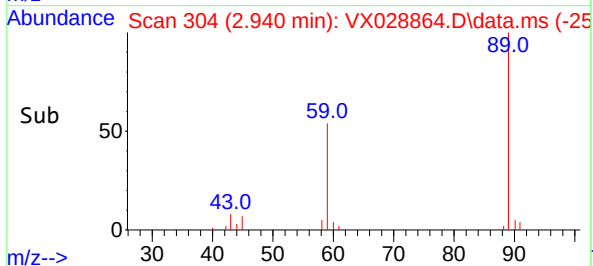
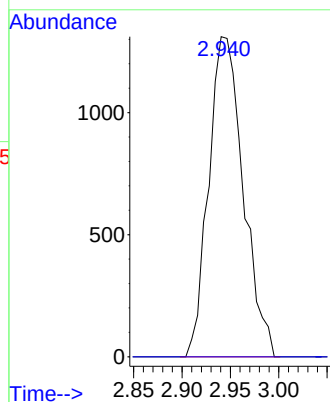
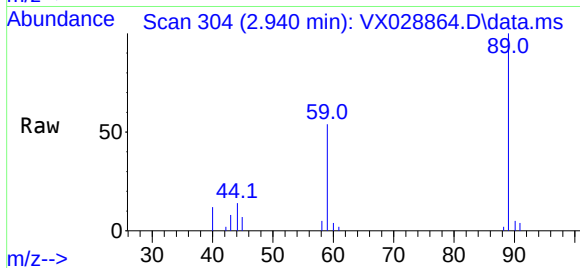
TT172S1-20220516

Tgt Ion: 59 Resp: 3253

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 1.245 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028864.D

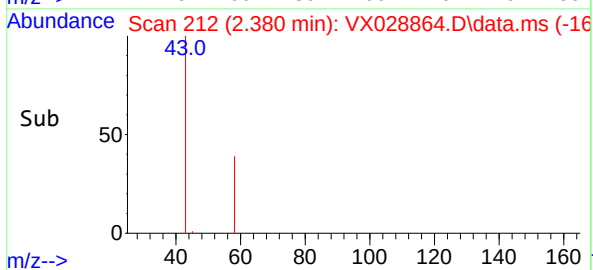
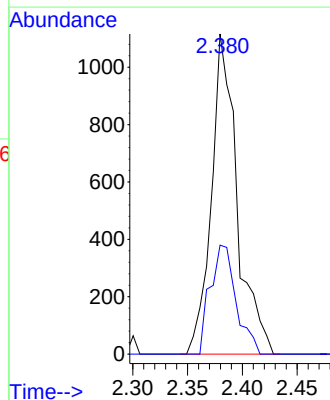
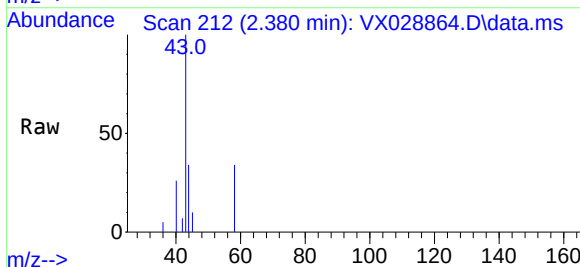
Acq: 20 May 2022 20:26

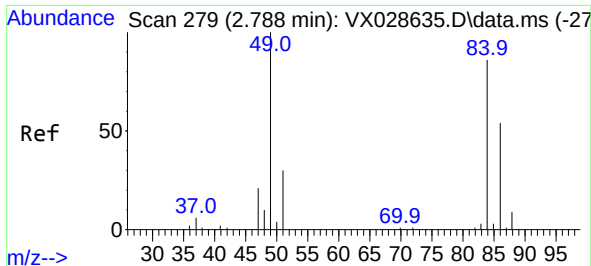
Tgt Ion: 43 Resp: 1818

Ion Ratio Lower Upper

43 100

58 34.1 28.8 43.2



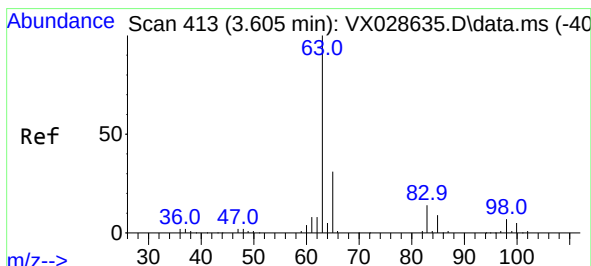
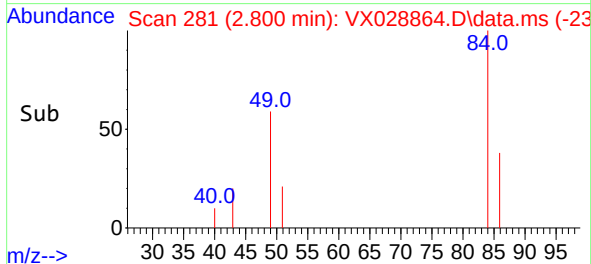
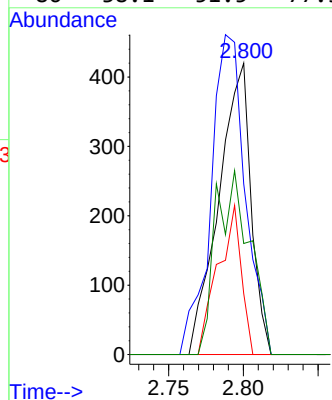
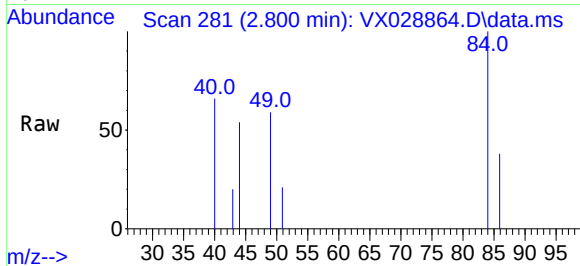


#20
Methylene Chloride
Concen: 0.206 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20220516

Tgt Ion: 84 Resp: 630

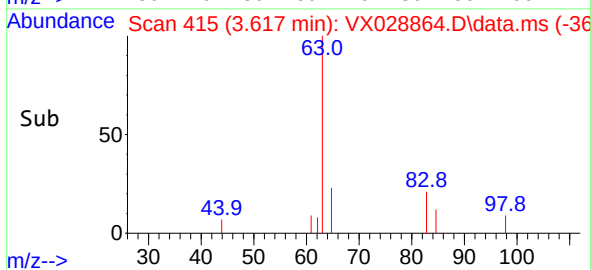
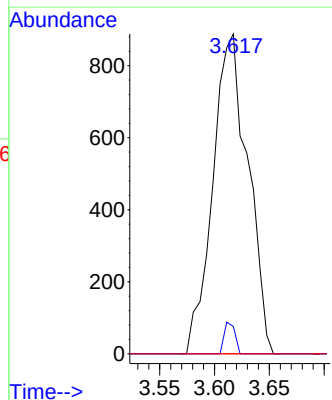
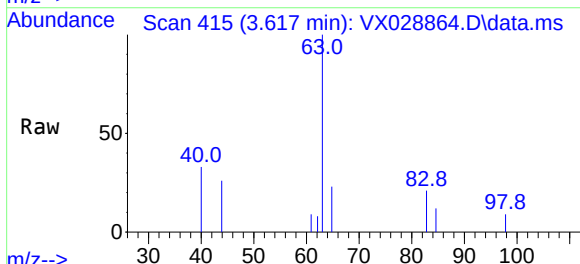
Ion	Ratio	Lower	Upper
84	100		
49	58.6	85.5	128.3#
51	21.0	26.6	39.8#
86	38.1	51.5	77.3#

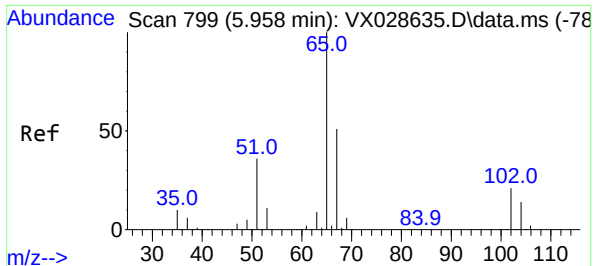


#24
1,1-Dichloroethane
Concen: 0.387 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.012 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26

Tgt Ion: 63 Resp: 1979

Ion	Ratio	Lower	Upper
63	100		
98	8.6	3.9	11.7
100	0.0	2.4	7.2#





#33

1,2-Dichloroethane-d4

Concen: 50.351 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028864.D

Acq: 20 May 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

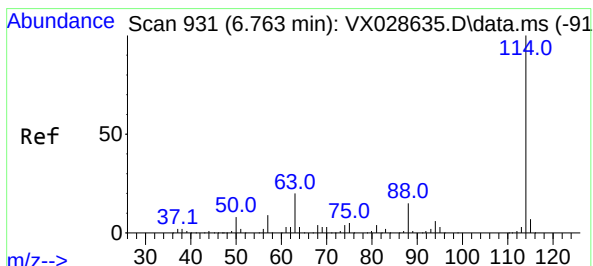
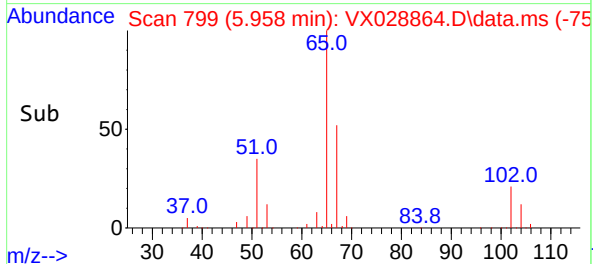
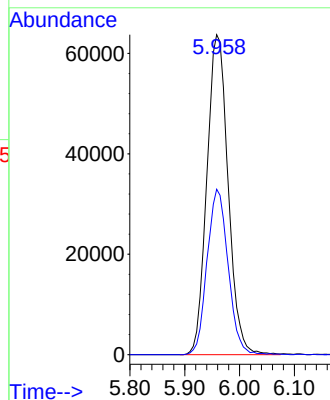
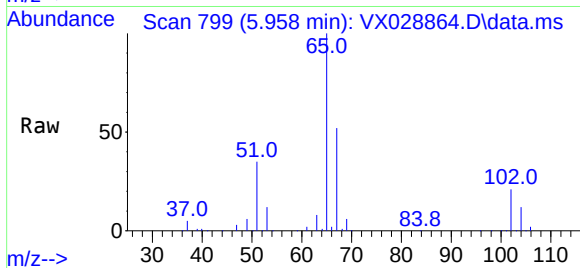
TT172S1-20220516

Tgt Ion: 65 Resp: 171355

Ion Ratio Lower Upper

65 100

67 51.2 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: VX028864.D

Acq: 20 May 2022 20:26

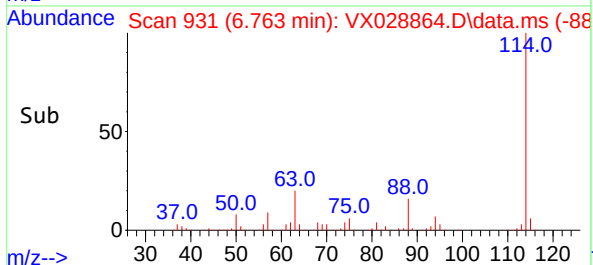
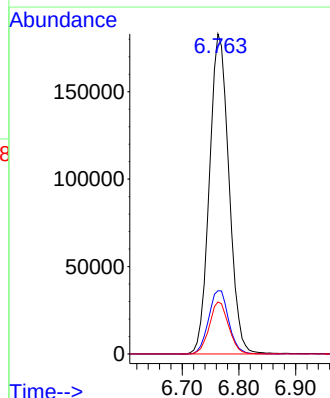
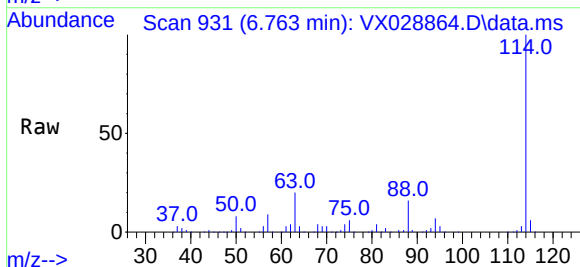
Tgt Ion: 114 Resp: 437567

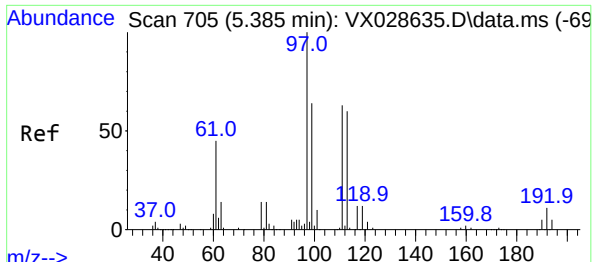
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

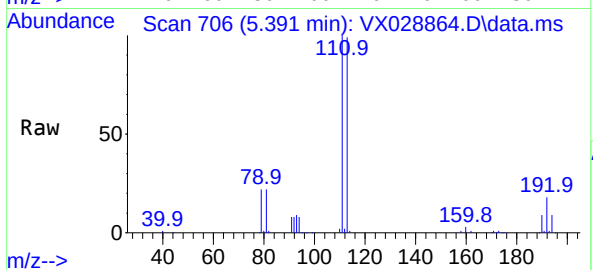
88 16.3 0.0 32.4



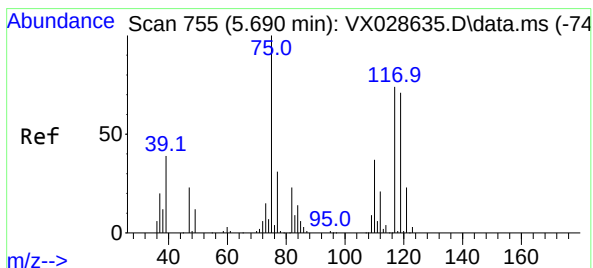
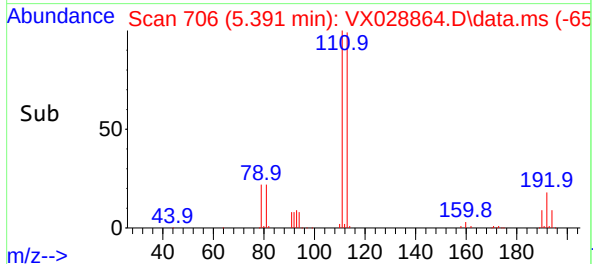
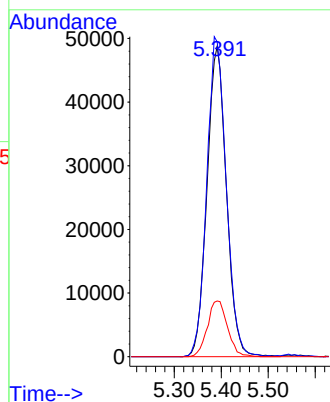


#35
Dibromofluoromethane
Concen: 48.707 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20220516

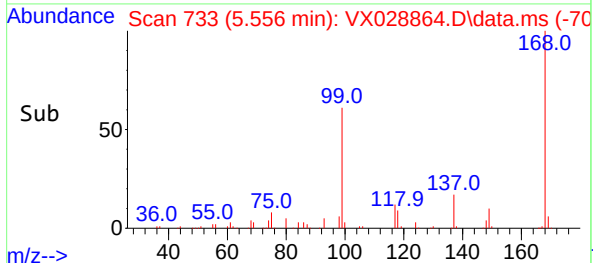
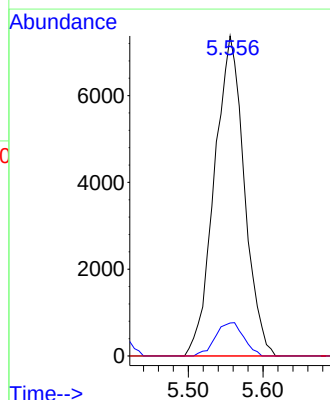
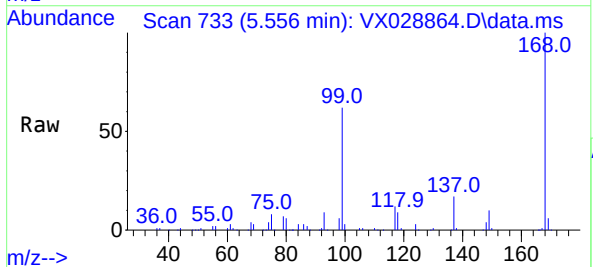


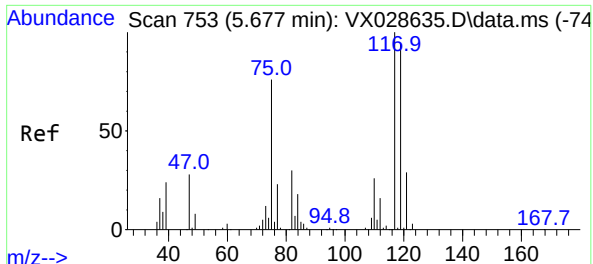
Tgt Ion: 113 Resp: 139638
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 18.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.768 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26

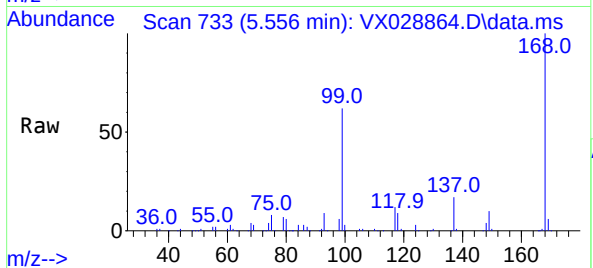
Tgt Ion: 75 Resp: 20530
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



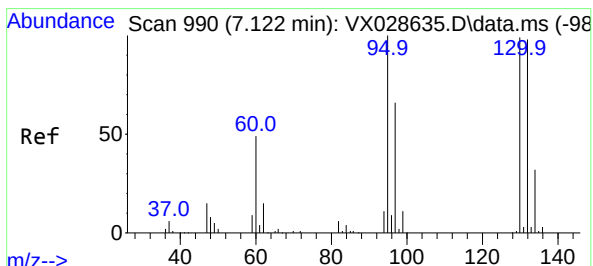
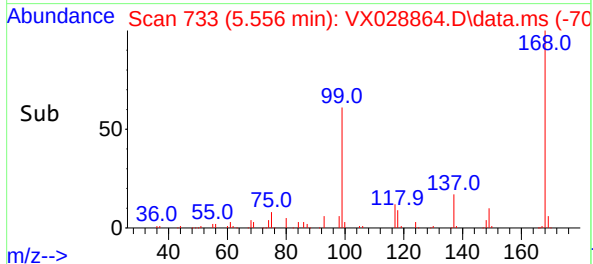
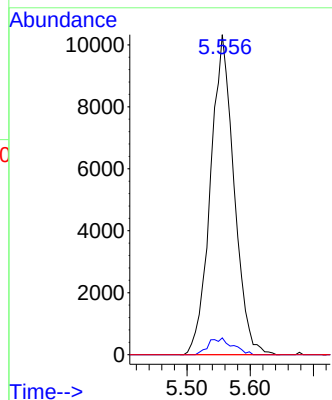


#38
Carbon Tetrachloride
Concen: 6.163 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20220516

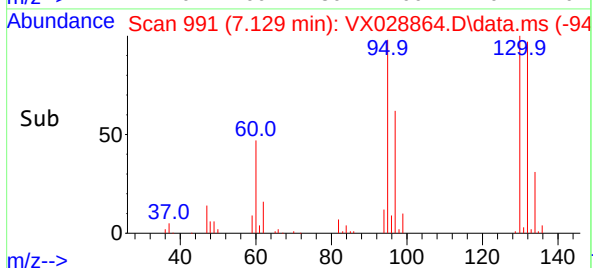
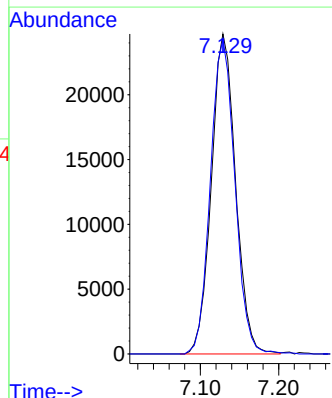
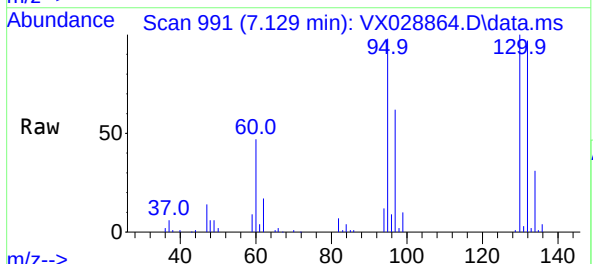


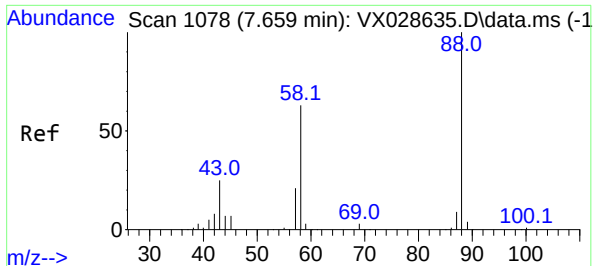
Tgt Ion:117 Resp: 26708
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 15.811 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26

Tgt Ion:130 Resp: 53065
Ion Ratio Lower Upper
130 100
95 98.4 0.0 188.8





#49

1,4-Dioxane

Concen: 5.229 ug/l

RT: 7.690 min Scan# 1078

Delta R.T. 0.031 min

Lab File: VX028864.D

Acq: 20 May 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

TT172S1-20220516

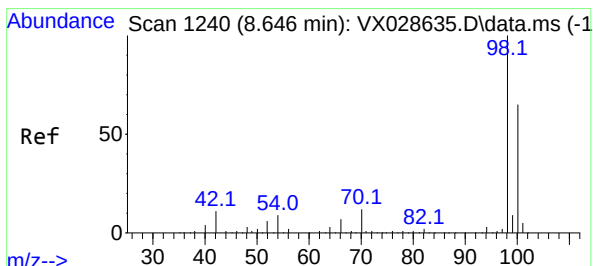
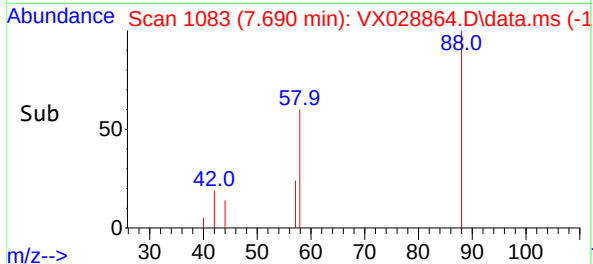
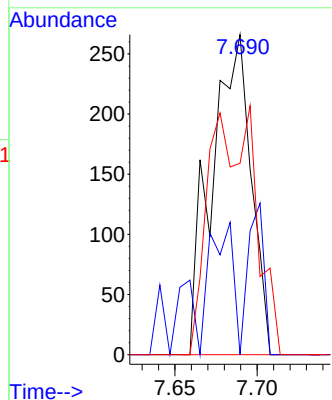
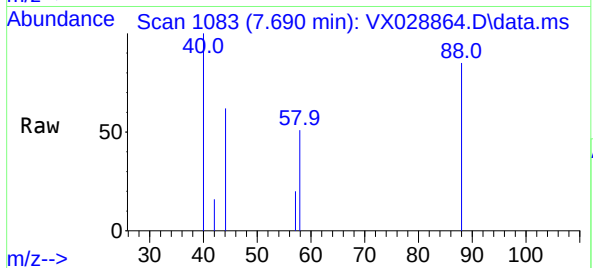
Tgt Ion: 88 Resp: 444

Ion Ratio Lower Upper

88 100

43 18.9 21.9 32.9#

58 90.3 53.7 80.5#



#50

Toluene-d8

Concen: 47.277 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028864.D

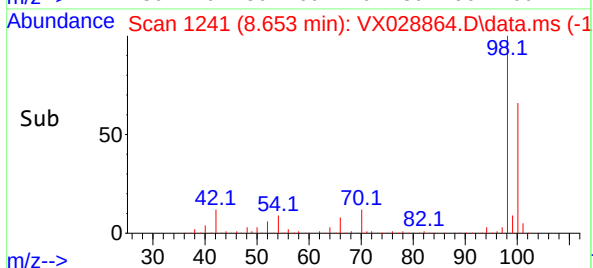
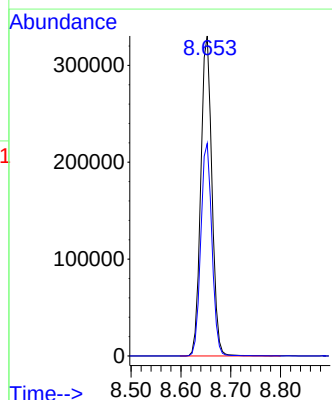
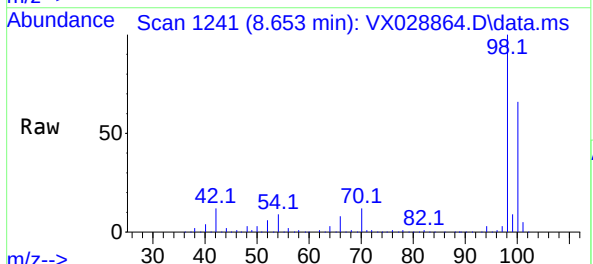
Acq: 20 May 2022 20:26

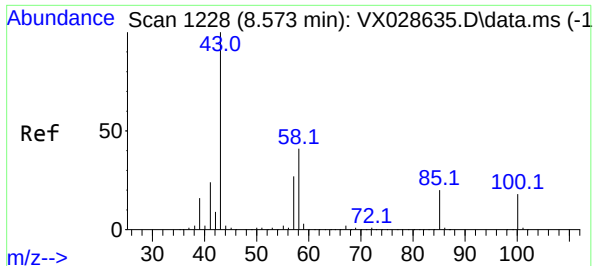
Tgt Ion: 98 Resp: 510995

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.496 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.080 min

Lab File: VX028864.D

Acq: 20 May 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

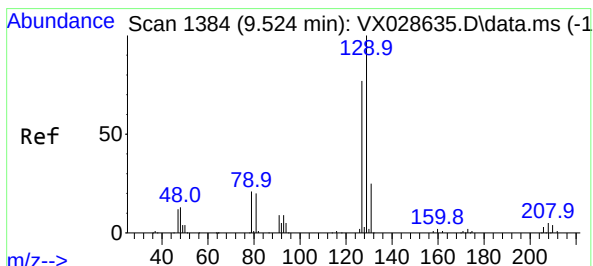
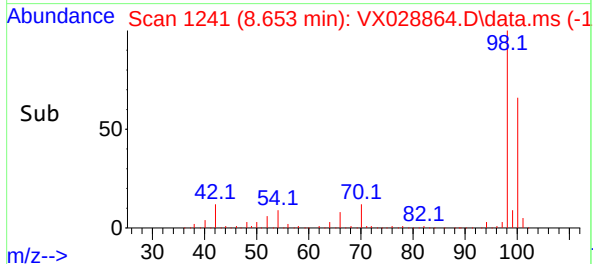
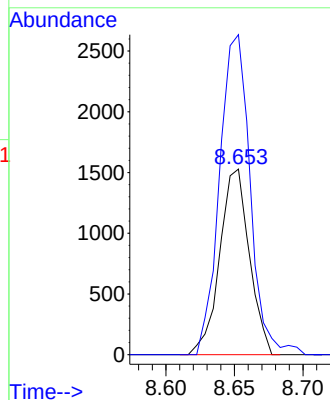
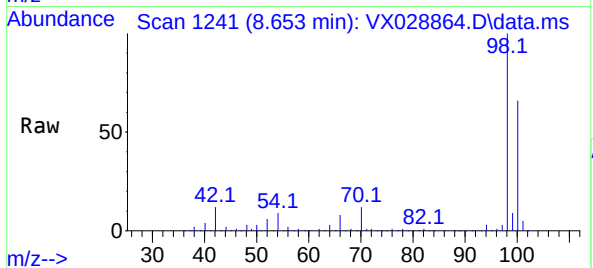
TT172S1-20220516

Tgt Ion: 43 Resp: 2299

Ion Ratio Lower Upper

43 100

58 178.2 36.1 54.1#



#60

Dibromochloromethane

Concen: 0.403 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.249 min

Lab File: VX028864.D

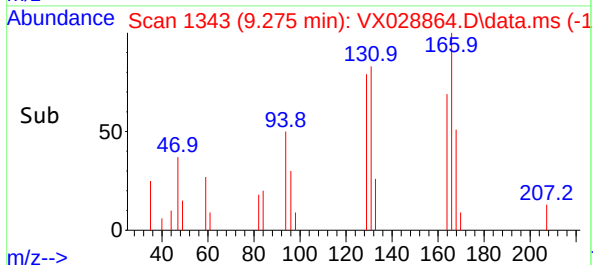
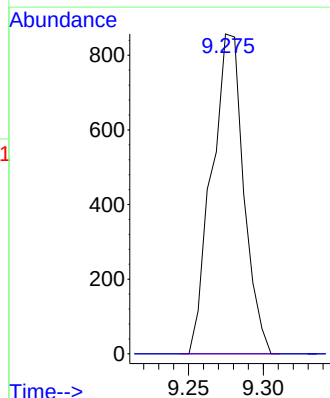
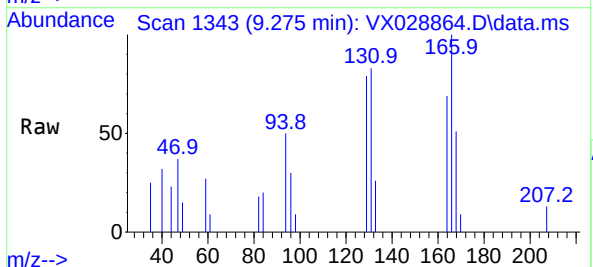
Acq: 20 May 2022 20:26

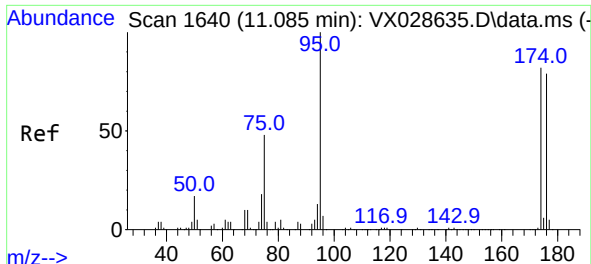
Tgt Ion: 129 Resp: 1276

Ion Ratio Lower Upper

129 100

127 0.0 40.3 120.8#

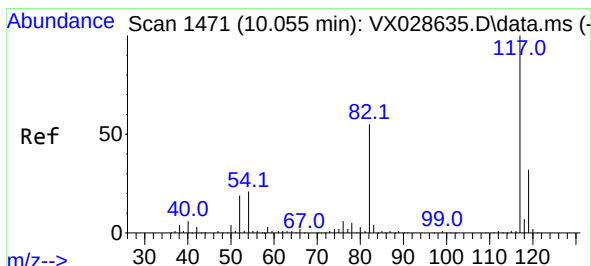
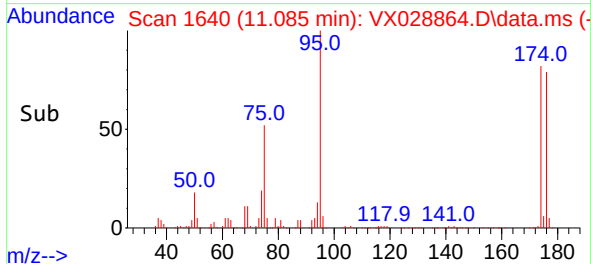
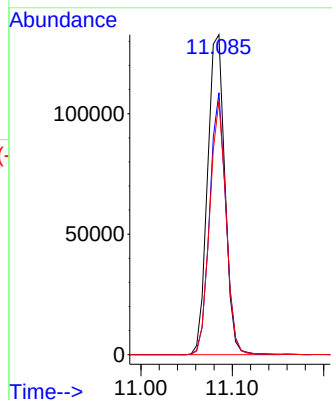
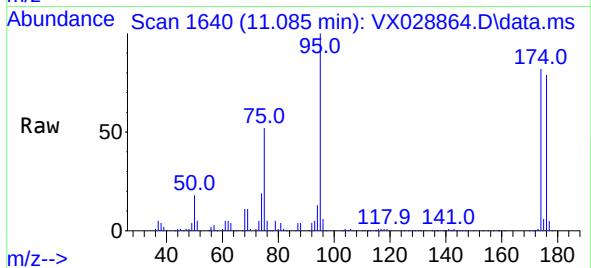




#62
4-Bromofluorobenzene
Concen: 43.216 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26

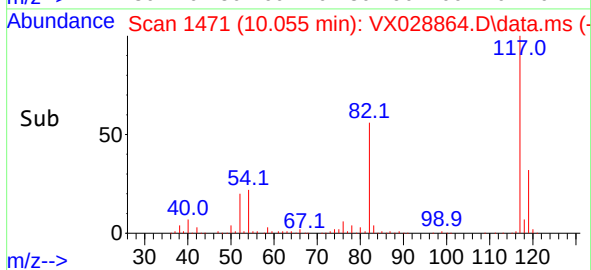
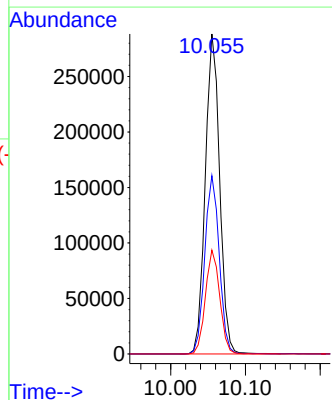
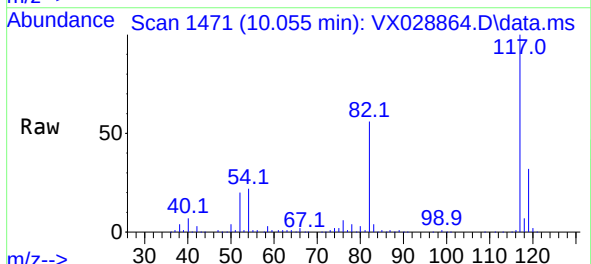
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20220516

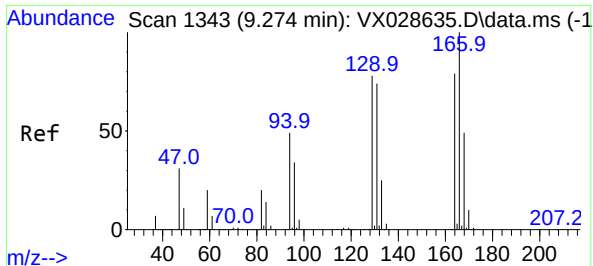
Tgt Ion: 95 Resp: 174469
Ion Ratio Lower Upper
95 100
174 76.8 0.0 163.0
176 75.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26

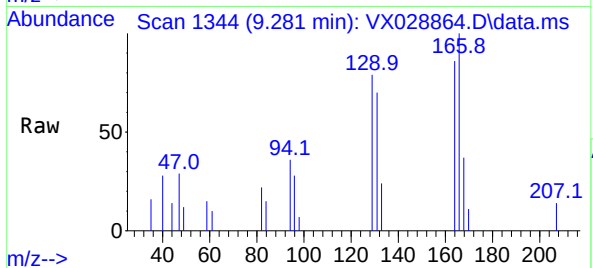
Tgt Ion: 117 Resp: 385125
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.4 24.8 37.2





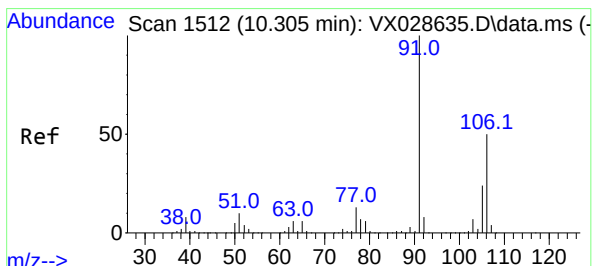
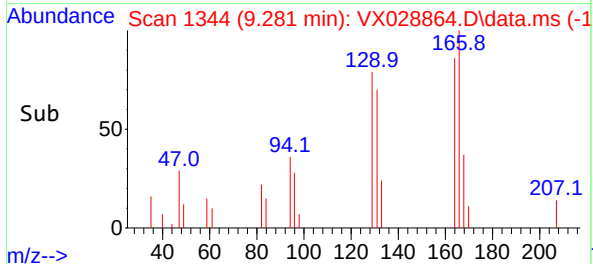
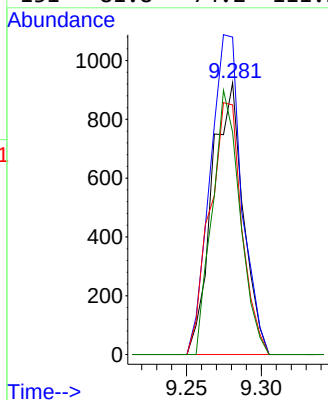
#64
Tetrachloroethene
Concen: 0.461 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20220516



Tgt Ion:164 Resp: 1342

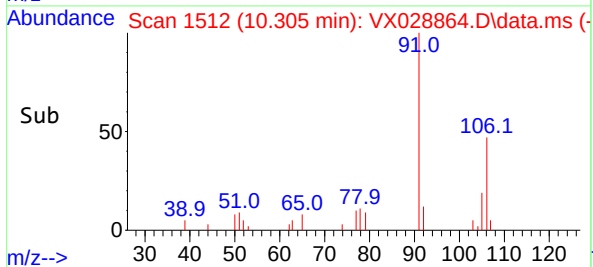
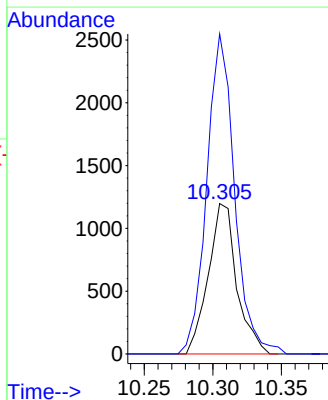
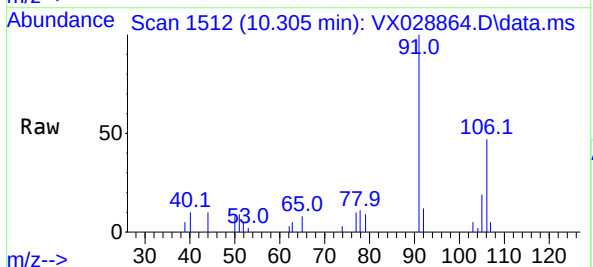
Ion	Ratio	Lower	Upper
164	100		
166	116.9	101.2	151.8
129	91.9	73.0	109.4
131	81.8	74.2	111.2

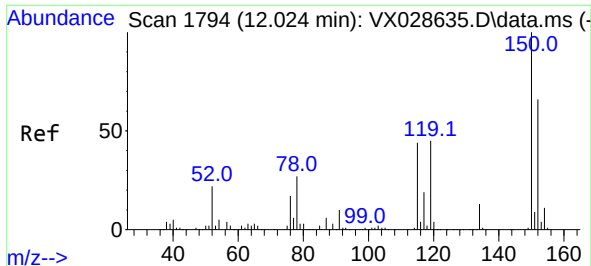


#68
m/p-Xylenes
Concen: 0.303 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26

Tgt Ion:106 Resp: 1728

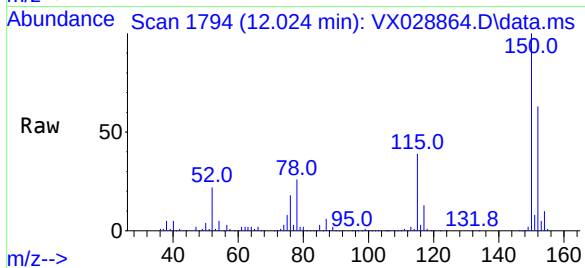
Ion	Ratio	Lower	Upper
106	100		
91	208.0	160.4	240.6



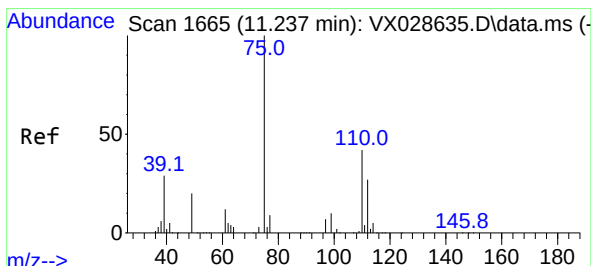
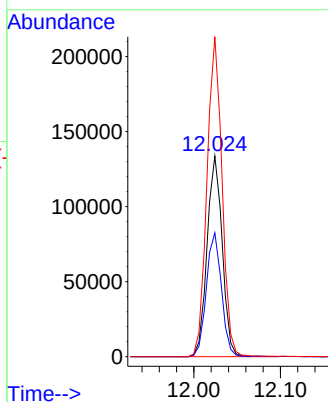
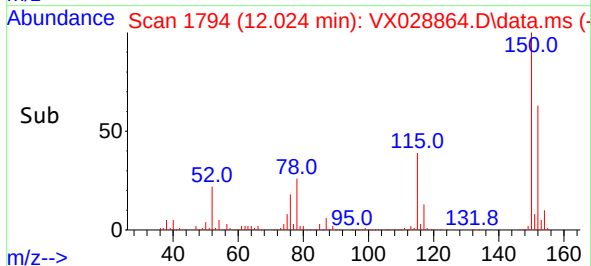


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26

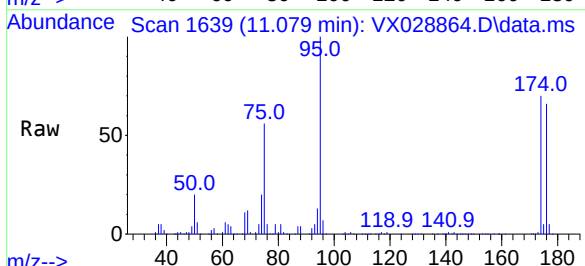
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20220516



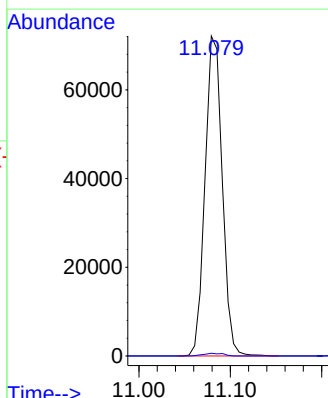
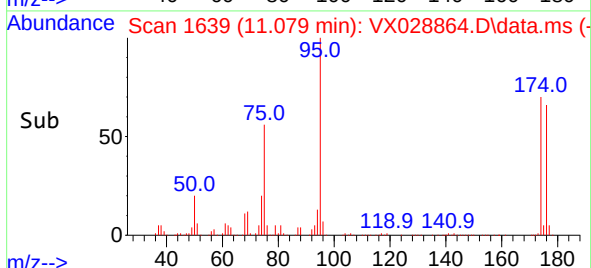
Tgt Ion:152 Resp: 162400
Ion Ratio Lower Upper
152 100
115 61.7 37.5 112.7
150 158.8 0.0 338.2

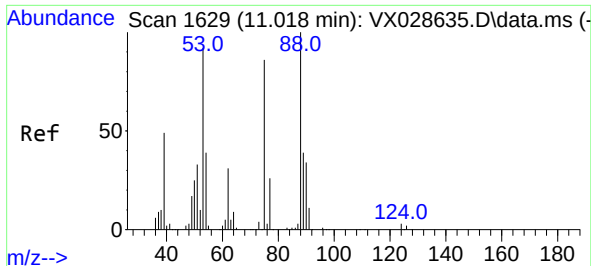


#76
1,2,3-Trichloropropane
Concen: 24.766 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26



Tgt Ion: 75 Resp: 94191
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.034 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX028864.D
Acq: 20 May 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20220516

Tgt Ion: 75 Resp: 94191
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

