

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024320.D
 Acq On : 17 Sep 2021 19:30
 Operator : JC/MD
 Sample : M3782-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20210914

Quant Time: Sep 20 02:00:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

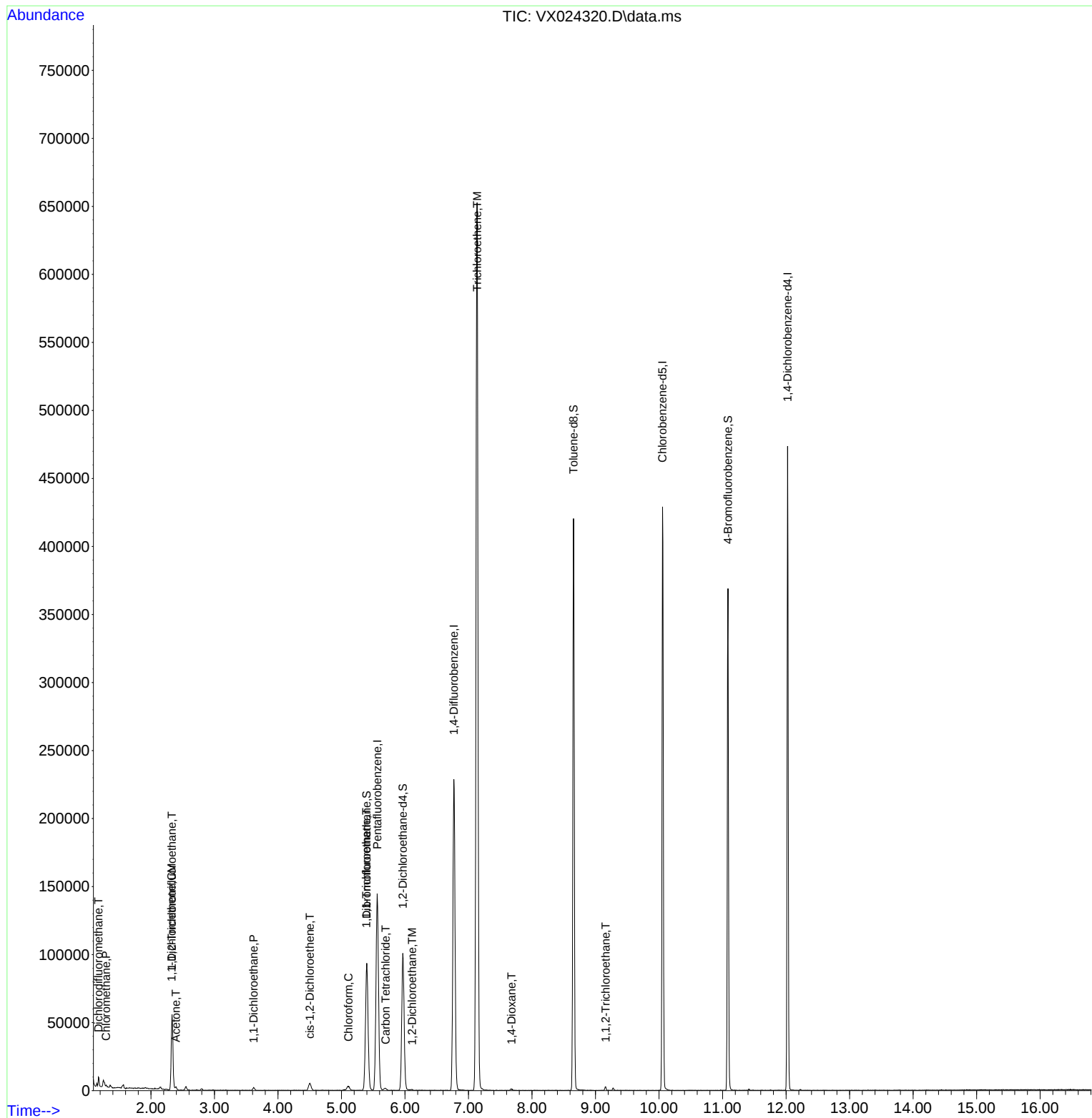
Internal Standards						
1) Pentafluorobenzene	5.562	168	132320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	224975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100720	53.380	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.760%	
35) Dibromofluoromethane	5.397	113	79113	52.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.880%	
50) Toluene-d8	8.653	98	240513	43.758	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 87.520%#	
62) 4-Bromofluorobenzene	11.085	95	91612	42.829	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.660%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	2382	1.873	ug/l	81
3) Chloromethane	1.294	50	627	0.472	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	18294	14.043	ug/l	97
12) 1,1-Dichloroethene	2.325	96	3599	2.950	ug/l	90
16) Acetone	2.392	43	2251	2.798	ug/l	96
24) 1,1-Dichloroethane	3.617	63	2243	0.878	ug/l #	90
27) cis-1,2-Dichloroethene	4.501	96	3550	2.301	ug/l	91
30) Chloroform	5.111	83	3885	1.430	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	979	0.403	ug/l #	50
38) Carbon Tetrachloride	5.696	117	1481	0.636	ug/l #	94
42) 1,2-Dichloroethane	6.111	62	779	0.315	ug/l	81
44) Trichloroethene	7.135	130	246935	148.145	ug/l	99
49) 1,4-Dioxane	7.677	88	976	24.350	ug/l #	80
55) 1,1,2-Trichloroethane	9.159	97	657	0.397	ug/l #	88

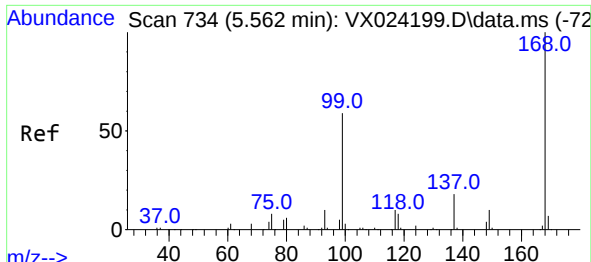
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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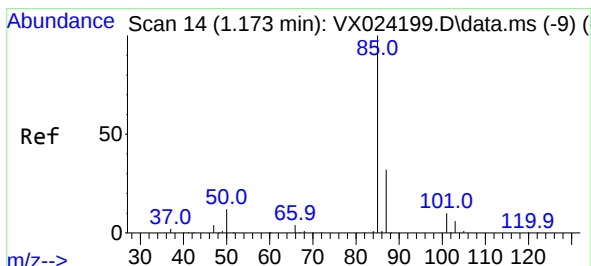
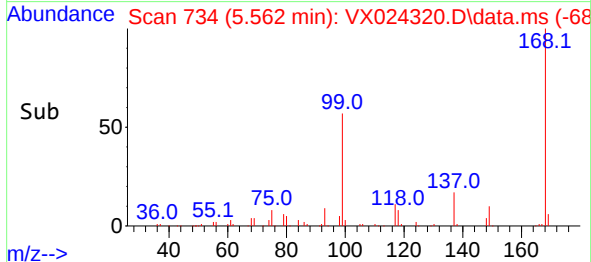
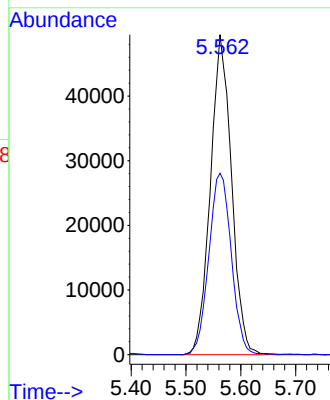
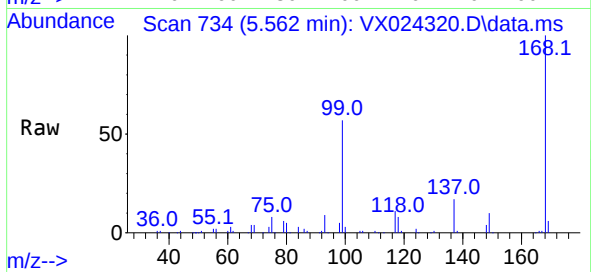




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

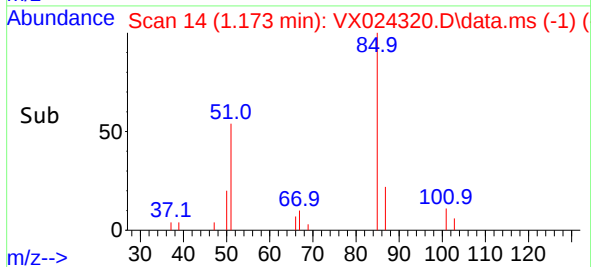
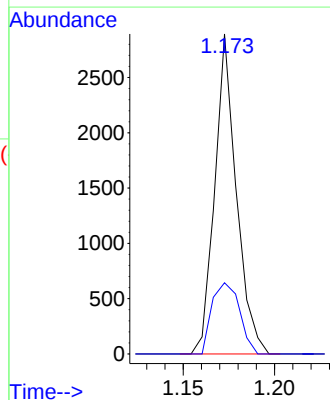
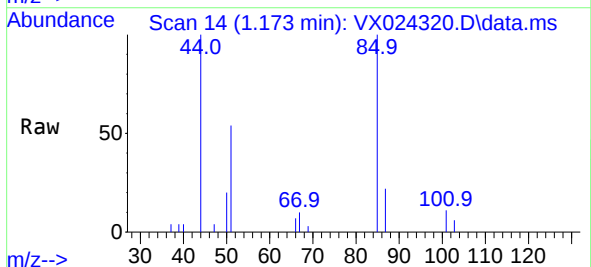
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20210914

Tgt Ion:168 Resp: 132320
Ion Ratio Lower Upper
168 100
99 56.7 45.8 68.6

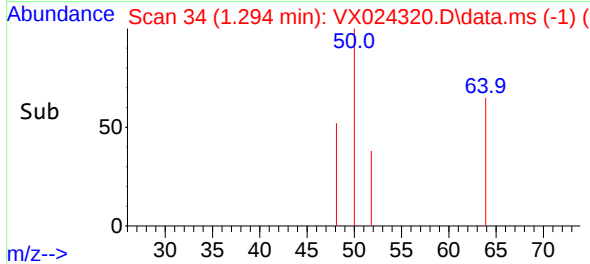
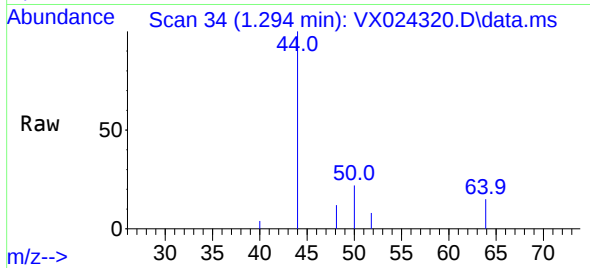
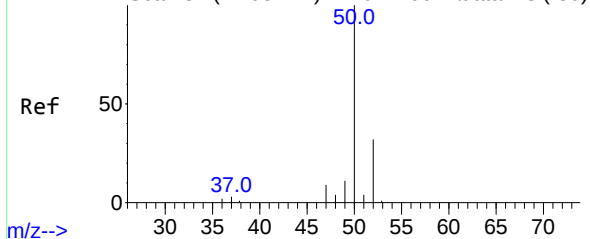


#2
Dichlorodifluoromethane
Concen: 1.873 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

Tgt Ion: 85 Resp: 2382
Ion Ratio Lower Upper
85 100
87 22.3 16.4 49.2

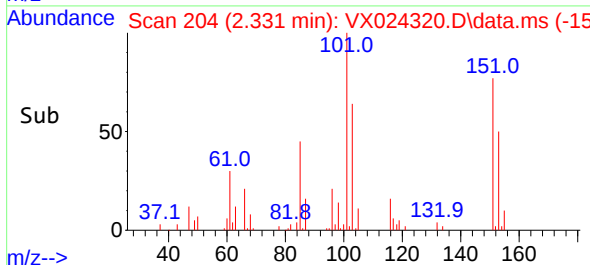
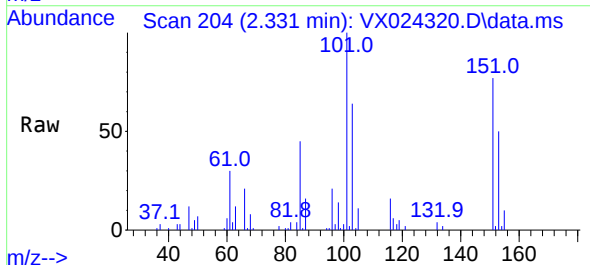
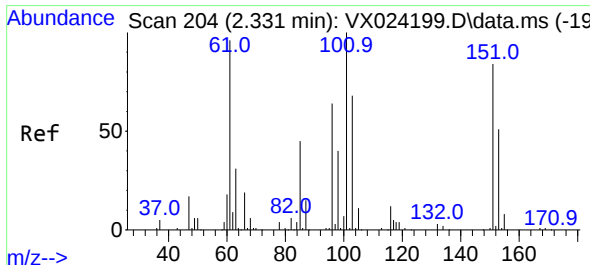
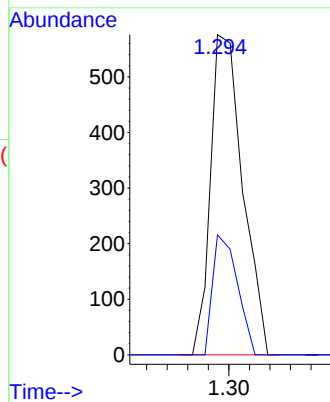


Abundance Scan 34 (1.295 min): VX024199.D\data.ms (-30)



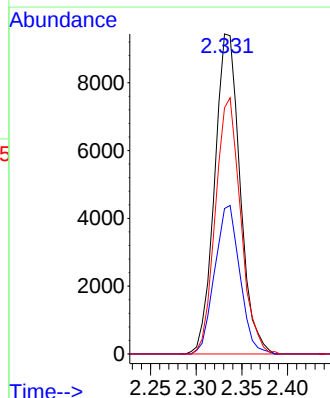
#3
Chloromethane
Concen: 0.472 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

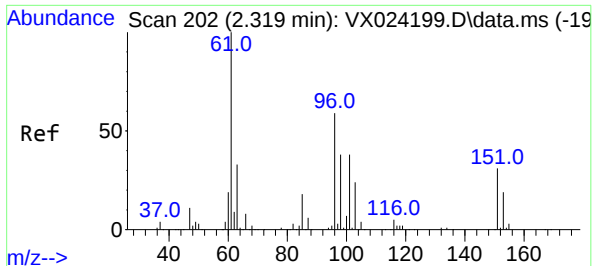
Tgt Ion: 50 Resp: 627
Ion Ratio Lower Upper
50 100
52 37.5 26.4 39.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.043 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

Tgt Ion: 101 Resp: 18294
Ion Ratio Lower Upper
101 100
85 45.8 34.9 52.3
151 79.2 61.4 92.2

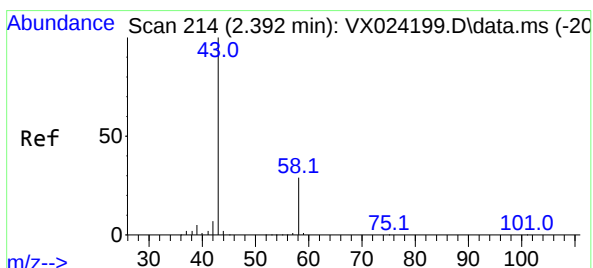
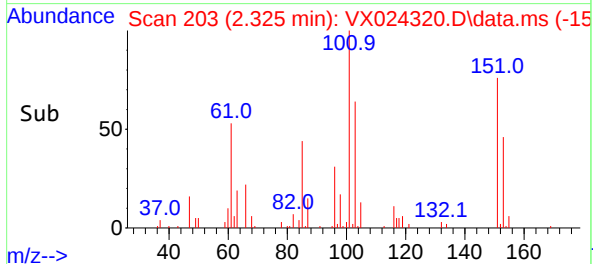
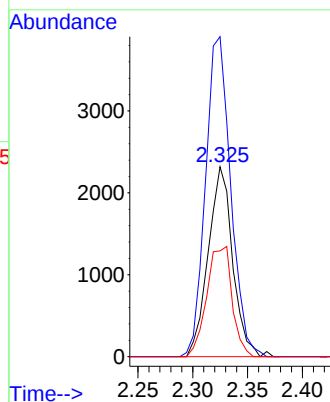
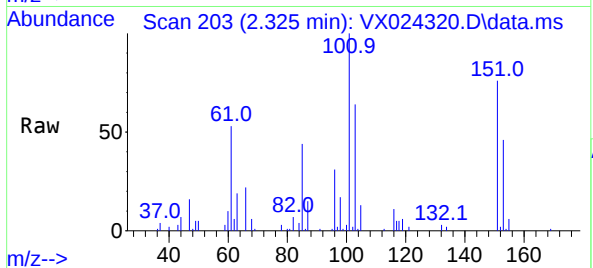




#12
1,1-Dichloroethene
Concen: 2.950 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

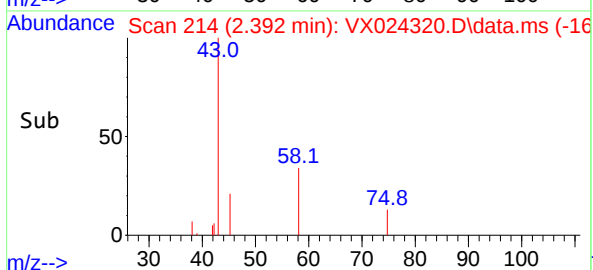
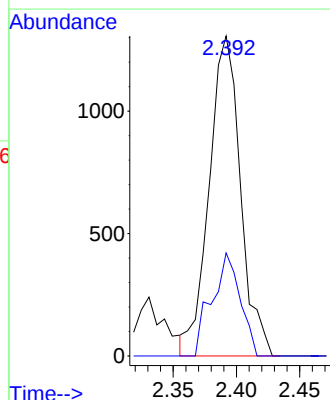
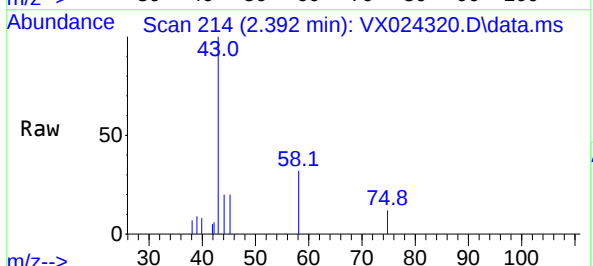
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20210914

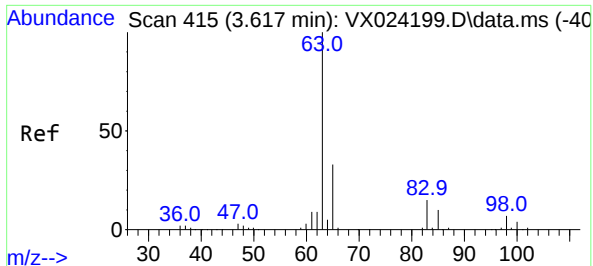
Tgt Ion: 96 Resp: 3599
Ion Ratio Lower Upper
96 100
61 168.6 124.6 187.0
98 55.7 50.6 76.0



#16
Acetone
Concen: 2.798 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

Tgt Ion: 43 Resp: 2251
Ion Ratio Lower Upper
43 100
58 32.2 27.8 41.8

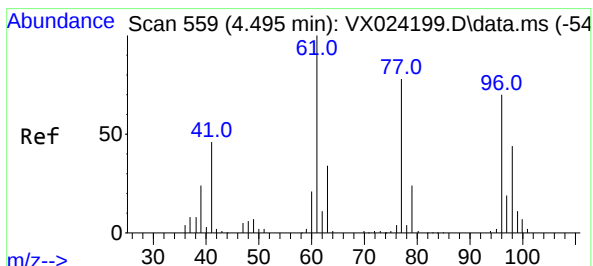
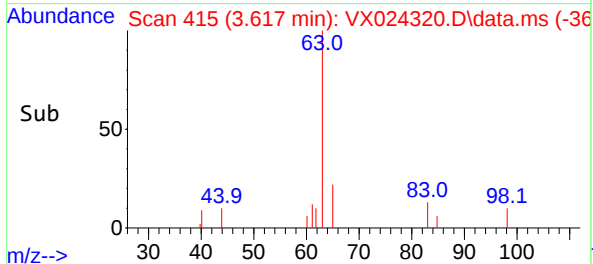
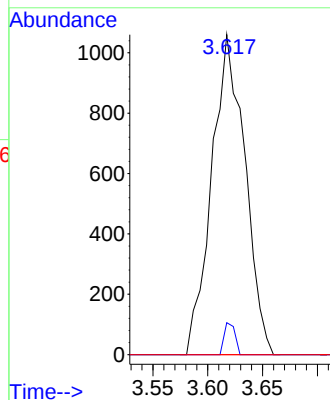
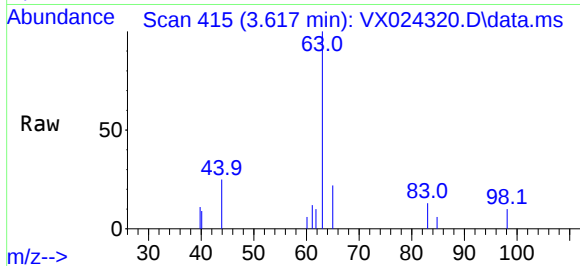




#24
1,1-Dichloroethane
Concen: 0.878 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

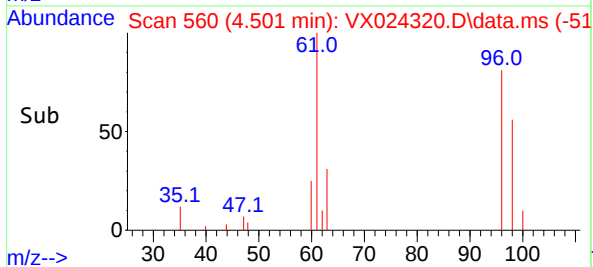
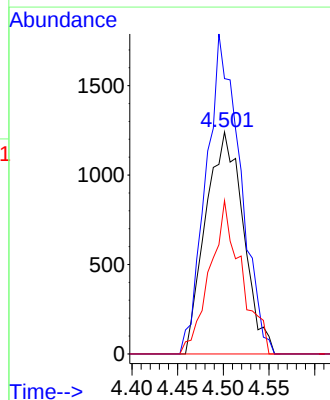
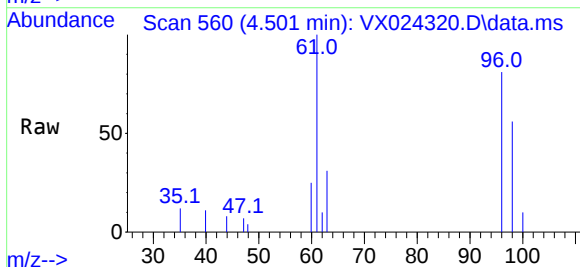
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20210914

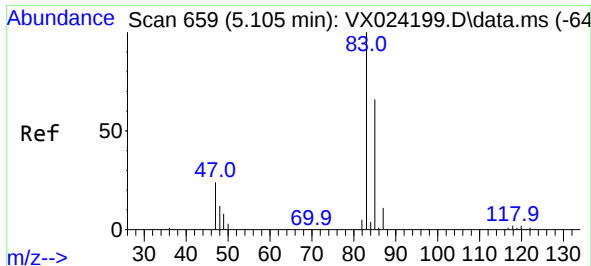
Tgt Ion: 63 Resp: 2243
Ion Ratio Lower Upper
63 100
98 10.0 3.8 11.2
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 2.301 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

Tgt Ion: 96 Resp: 3550
Ion Ratio Lower Upper
96 100
61 131.3 0.0 285.6
98 58.0 0.0 129.6





#30

Chloroform

Concen: 1.430 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX024320.D

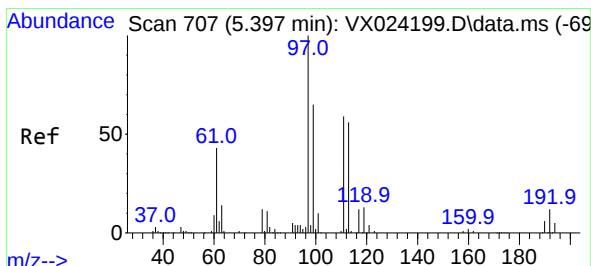
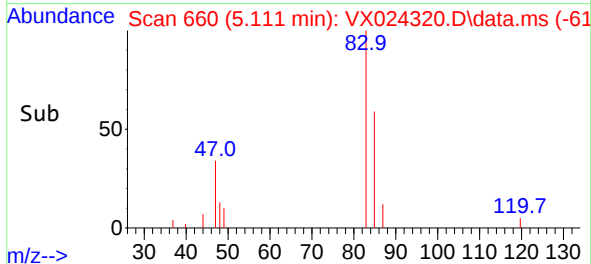
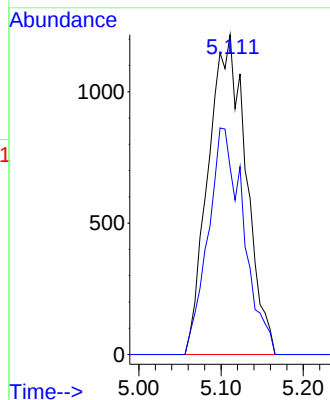
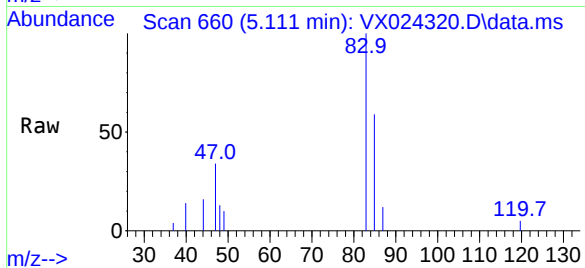
Acq: 17 Sep 2021 19:30

Tgt Ion: 83 Resp: 3885

Ion Ratio Lower Upper

83 100

85 58.5 52.0 78.0



#32

1,1,1-Trichloroethane

Concen: 0.403 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX024320.D

Acq: 17 Sep 2021 19:30

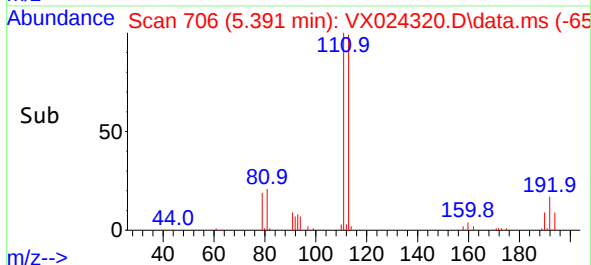
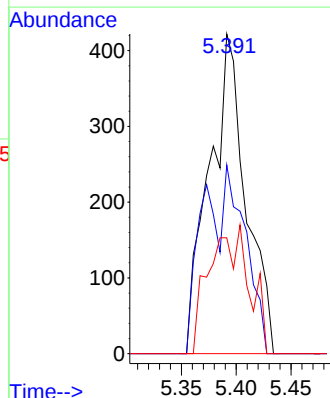
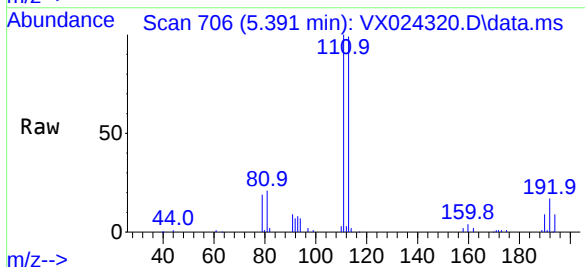
Tgt Ion: 97 Resp: 979

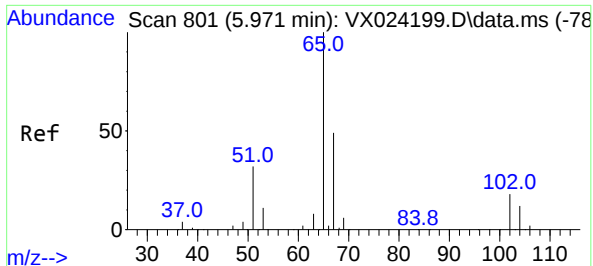
Ion Ratio Lower Upper

97 100

99 0.0 51.5 77.3#

61 43.4 34.2 51.4



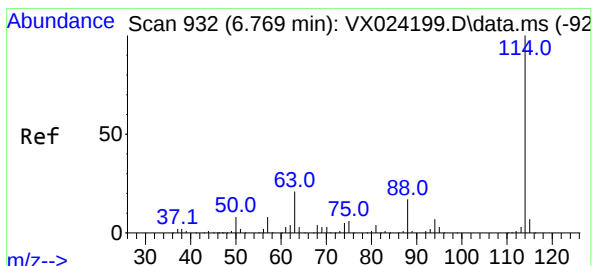
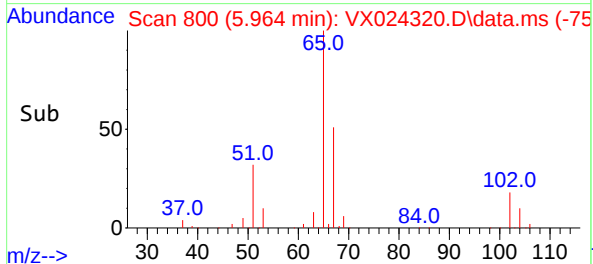
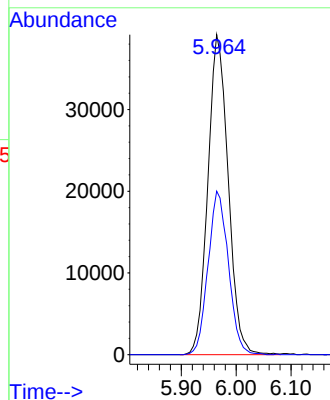
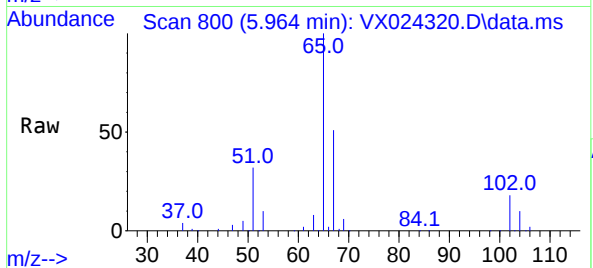


#33

1,2-Dichloroethane-d4
Concen: 53.380 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20210914

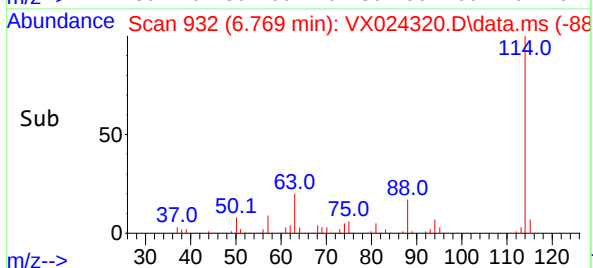
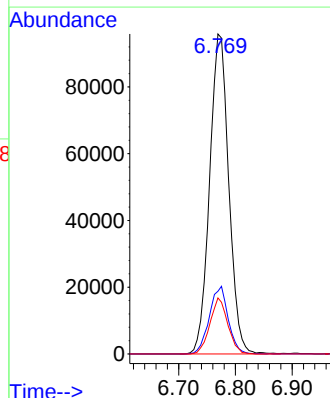
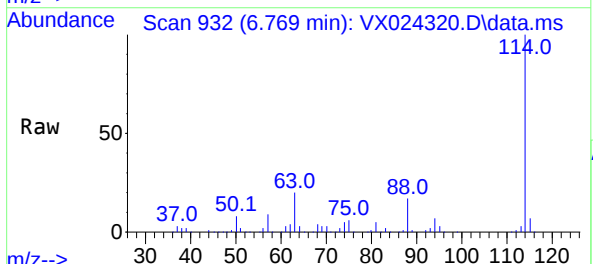
Tgt Ion: 65 Resp: 100720
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.4

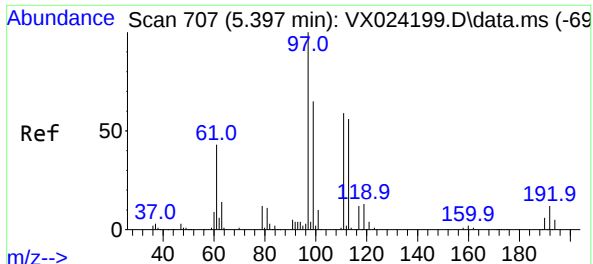


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

Tgt Ion: 114 Resp: 224975
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 17.5 0.0 32.8



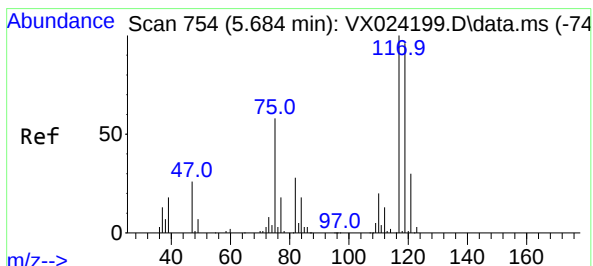
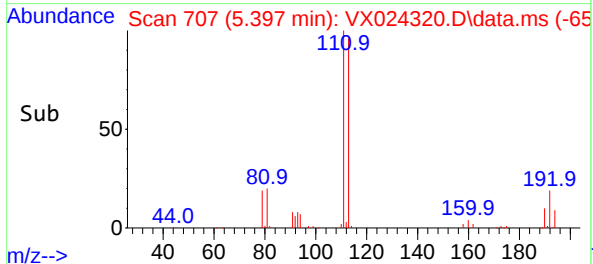
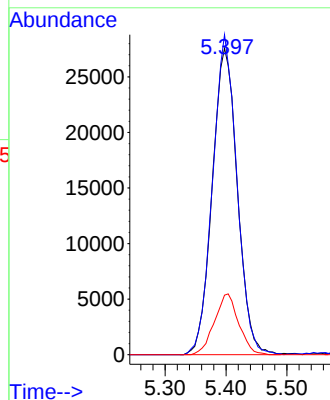
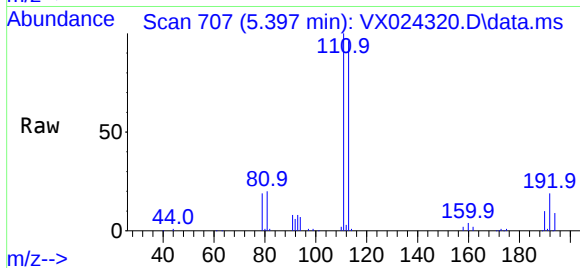


#35
Dibromofluoromethane
Concen: 52.435 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20210914

Tgt Ion:113 Resp: 79113

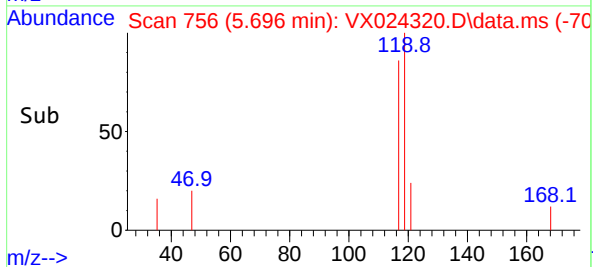
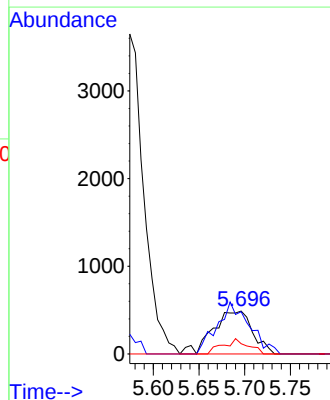
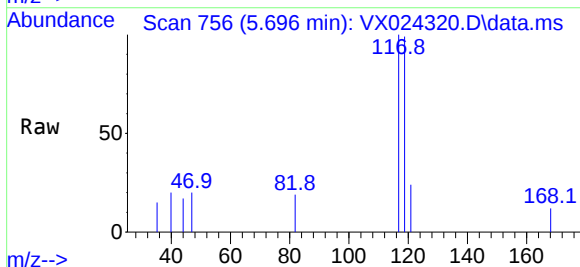
Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.9	122.9
192	19.1	16.7	25.1

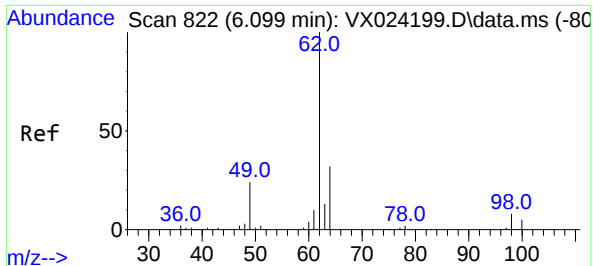


#38
Carbon Tetrachloride
Concen: 0.636 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.012 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

Tgt Ion:117 Resp: 1481

Ion	Ratio	Lower	Upper
117	100		
119	98.6	76.2	114.2
121	23.7	24.8	37.2





#42

1,2-Dichloroethane

Concen: 0.315 ug/l

RT: 6.111 min Scan# 824

Delta R.T. 0.012 min

Lab File: VX024320.D

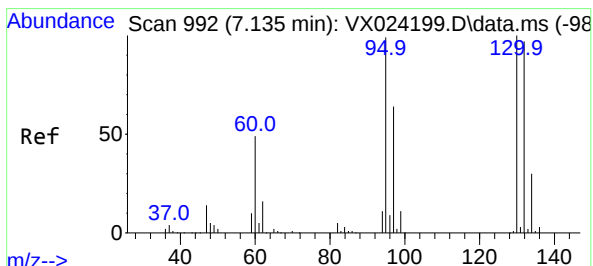
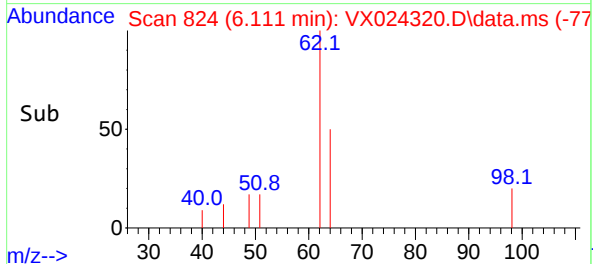
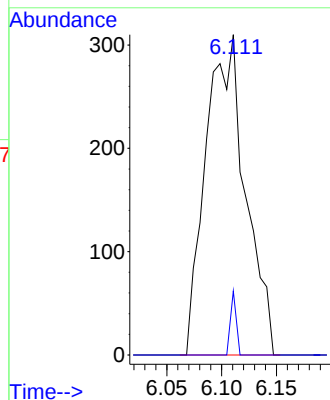
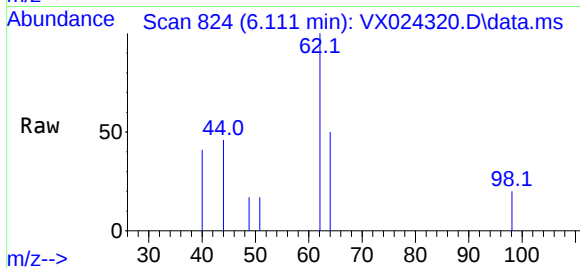
Acq: 17 Sep 2021 19:30

Tgt Ion: 62 Resp: 779

Ion Ratio Lower Upper

62 100

98 3.0 0.0 20.2



#44

Trichloroethene

Concen: 148.145 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.000 min

Lab File: VX024320.D

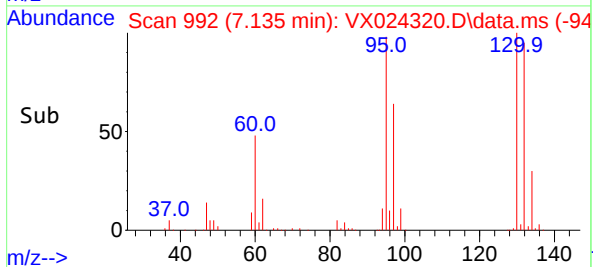
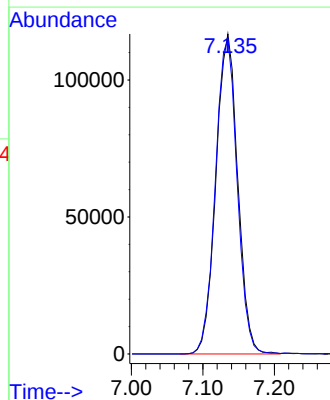
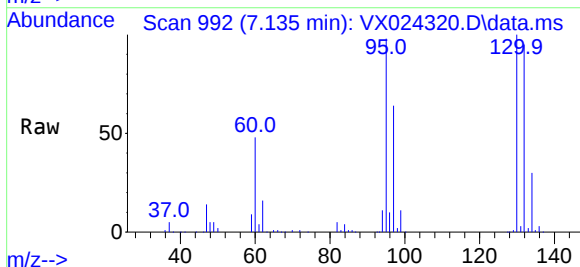
Acq: 17 Sep 2021 19:30

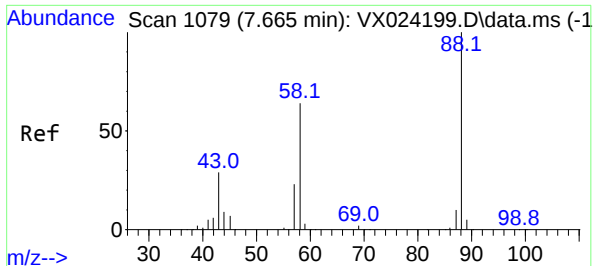
Tgt Ion:130 Resp: 246935

Ion Ratio Lower Upper

130 100

95 98.5 0.0 198.0

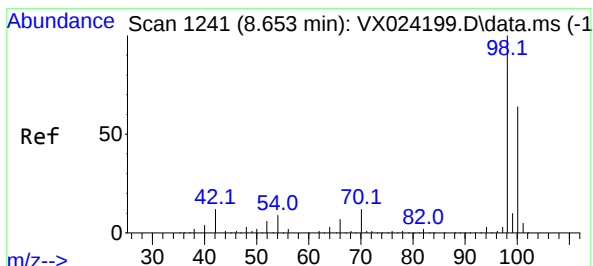
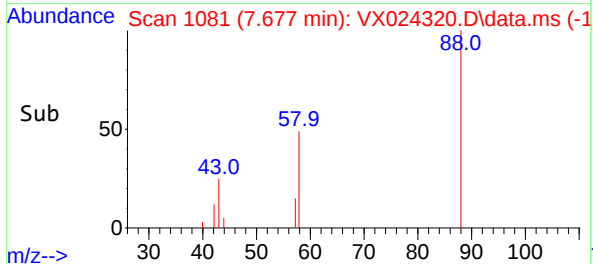
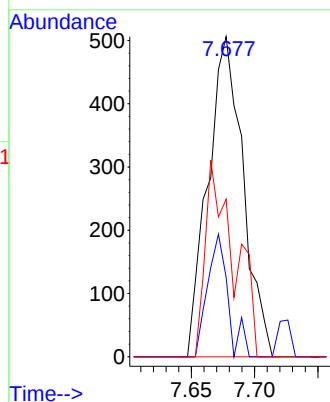
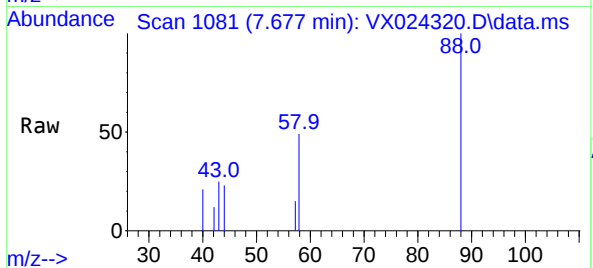




#49
1,4-Dioxane
Concen: 24.350 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

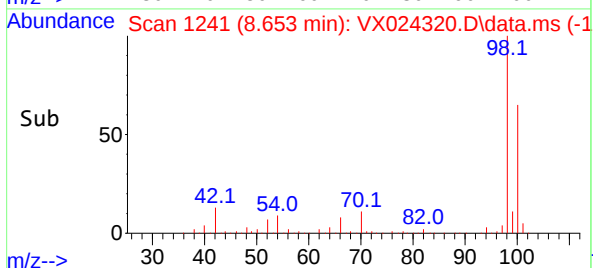
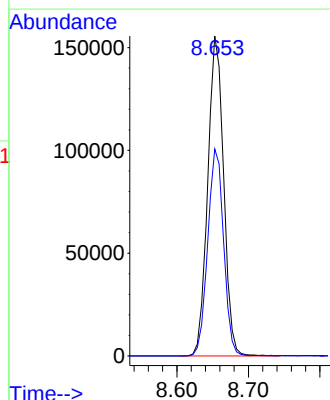
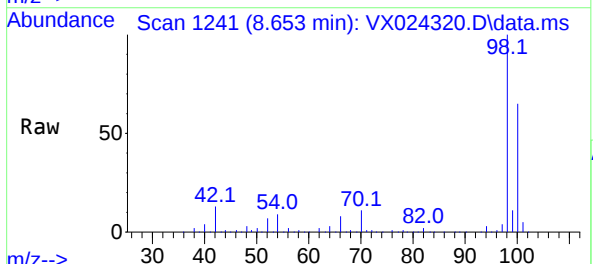
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20210914

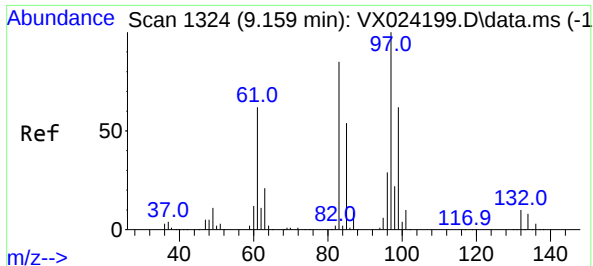
Tgt Ion: 88 Resp: 976
Ion Ratio Lower Upper
88 100
43 22.3 23.2 34.8#
58 50.3 55.0 82.4#



#50
Toluene-d8
Concen: 43.758 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

Tgt Ion: 98 Resp: 240513
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



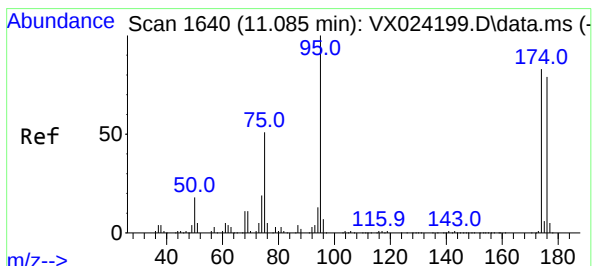
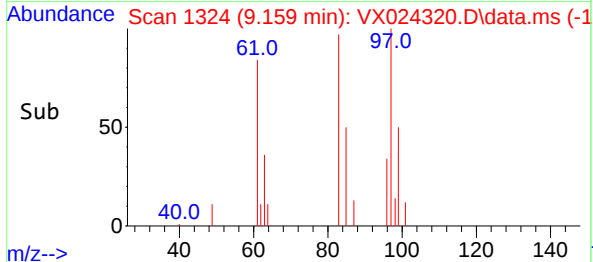
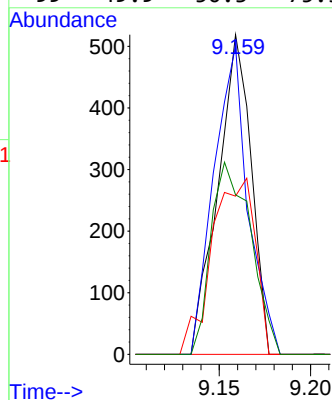
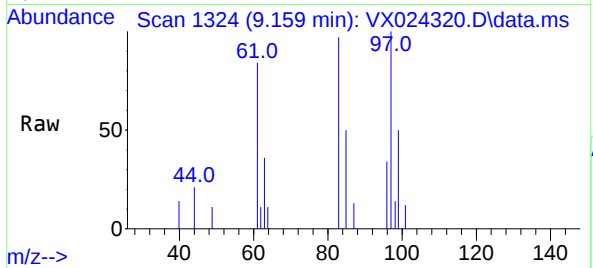


#55
1,1,2-Trichloroethane
Concen: 0.397 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20210914

Tgt Ion: 97 Resp: 657

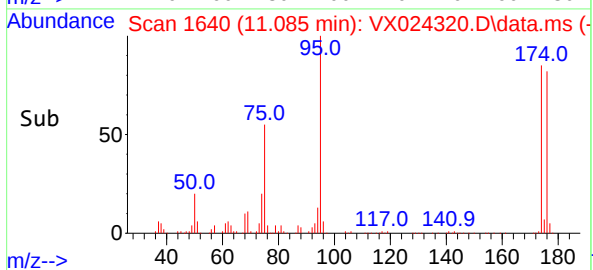
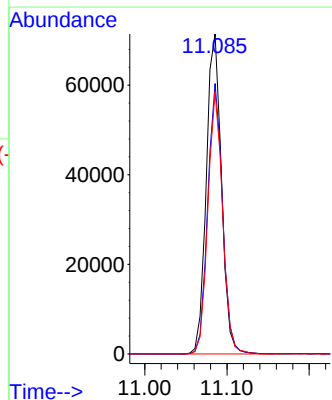
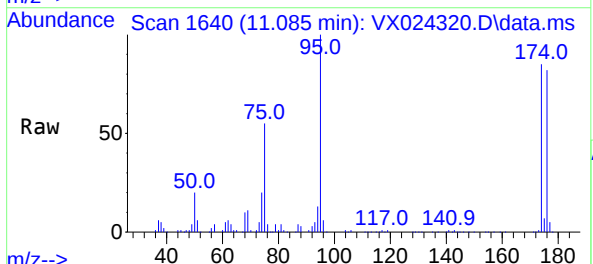
Ion	Ratio	Lower	Upper
97	100		
83	96.5	69.3	103.9
85	49.5	44.3	66.5
99	49.9	50.3	75.5#

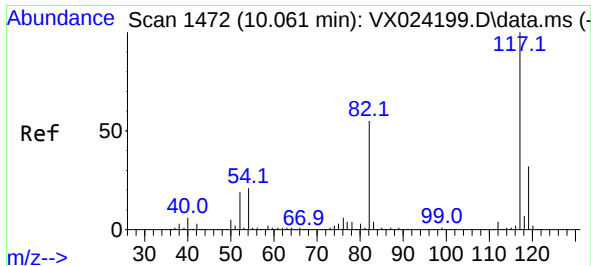


#62
4-Bromofluorobenzene
Concen: 42.829 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

Tgt Ion: 95 Resp: 91612

Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	154.6
176	79.1	0.0	155.8

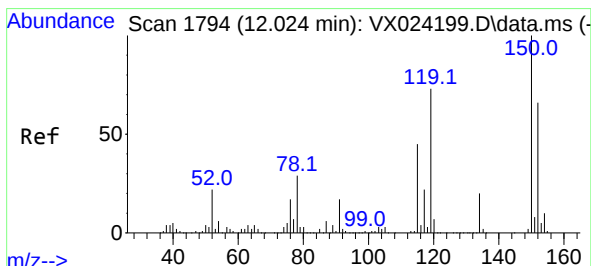
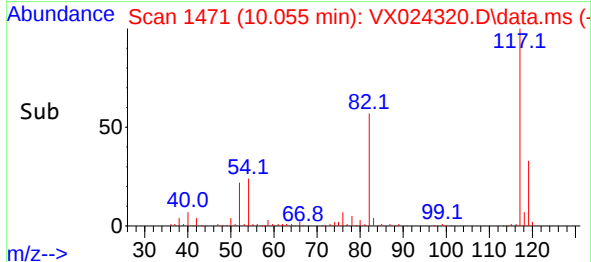
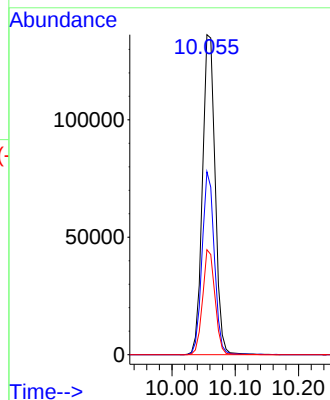
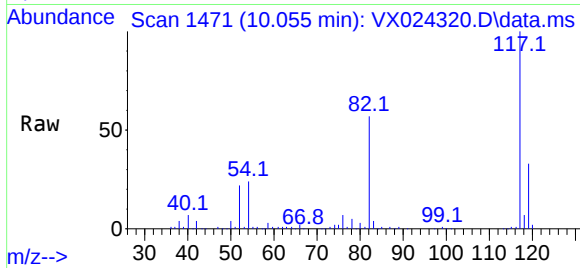




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20210914

Tgt Ion:117 Resp: 190508
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024320.D
Acq: 17 Sep 2021 19:30

Tgt Ion:152 Resp: 96050
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 157.3 0.0 349.0

