

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030854.D
 Acq On : 27 Aug 2022 07:50
 Operator : JC/MD
 Sample : N4281-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20220818

Quant Time: Aug 27 22:21:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

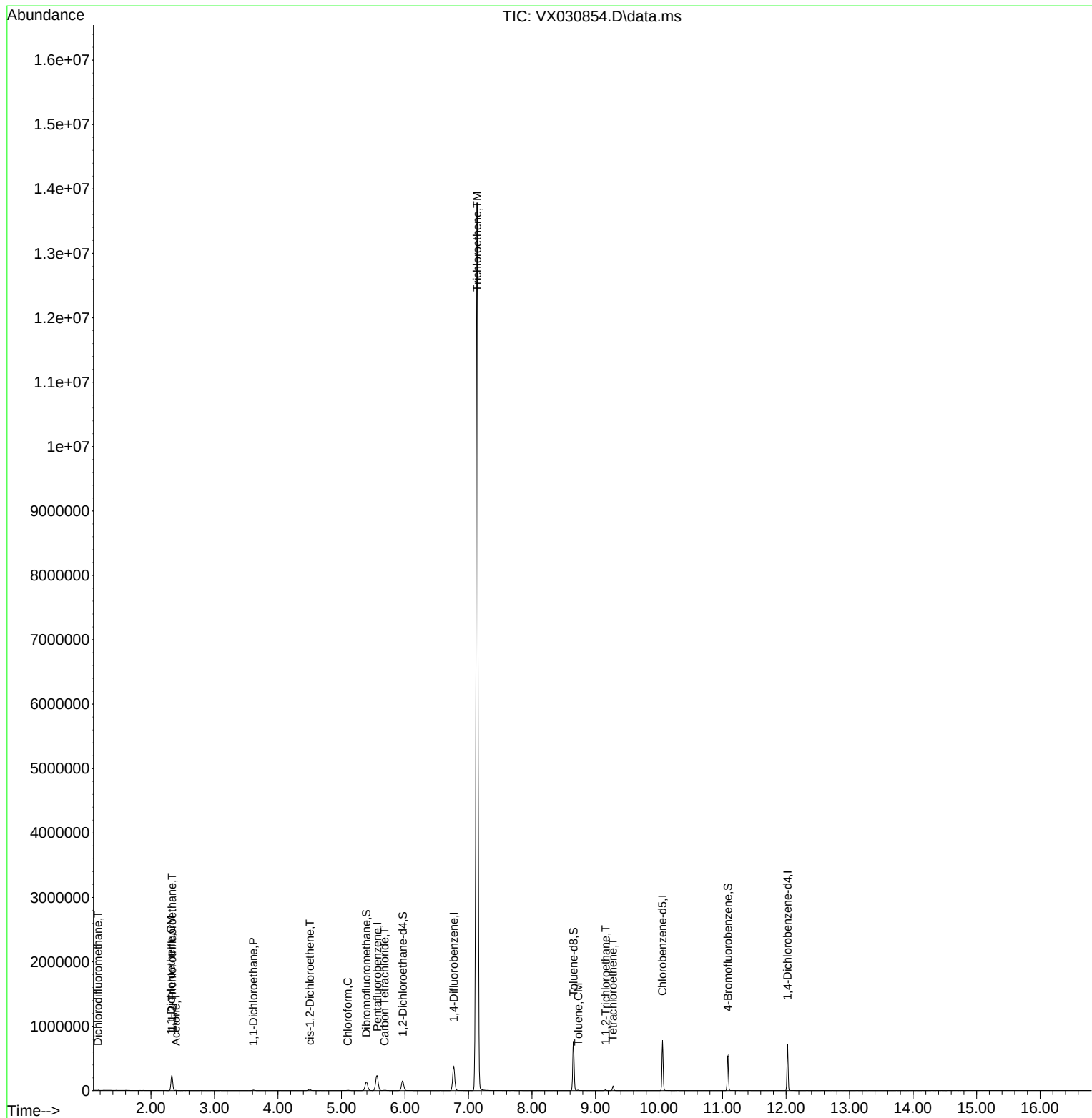
Internal Standards						
1) Pentafluorobenzene	5.562	168	222257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	389415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	148181	56.680	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.360%			
35) Dibromofluoromethane	5.391	113	121345	50.702	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.400%			
50) Toluene-d8	8.653	98	454145	54.455	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.920%			
62) 4-Bromofluorobenzene	11.085	95	149615	48.187	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	944	0.458	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	75272	34.777	ug/l	98
12) 1,1-Dichloroethene	2.319	96	24245	12.034	ug/l	89
16) Acetone	2.392	43	3513	2.908	ug/l	90
24) 1,1-Dichloroethane	3.611	63	9290	2.189	ug/l	95
27) cis-1,2-Dichloroethene	4.501	96	12071	4.515	ug/l	100
30) Chloroform	5.099	83	5908	1.323	ug/l	98
38) Carbon Tetrachloride	5.678	117	5238	1.524	ug/l #	91
44) Trichloroethene	7.135	130	5301572	1882.025	ug/l	100
52) Toluene	8.726	92	2669	0.439	ug/l	91
55) 1,1,2-Trichloroethane	9.159	97	3429	1.268	ug/l #	86
64) Tetrachloroethene	9.275	164	12533	4.717	ug/l	95

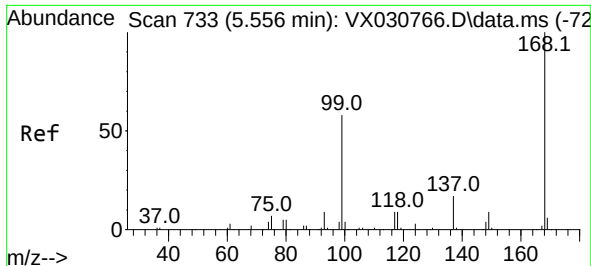
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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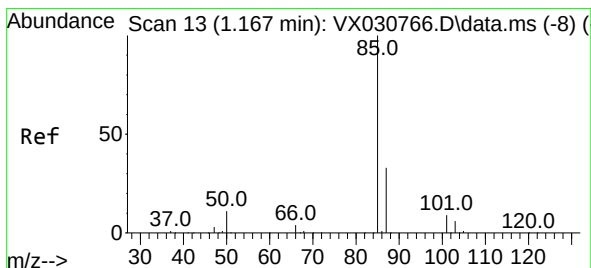
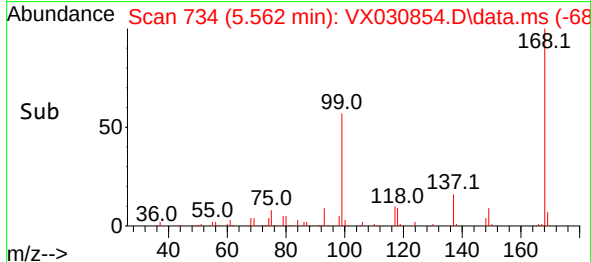
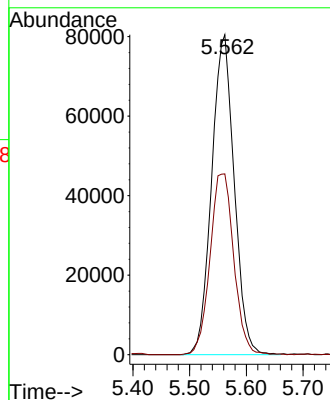
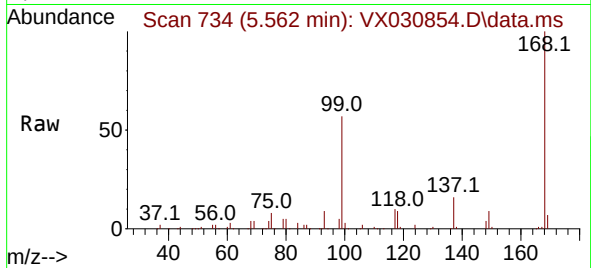




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030854.D
Acq: 27 Aug 2022 07:50

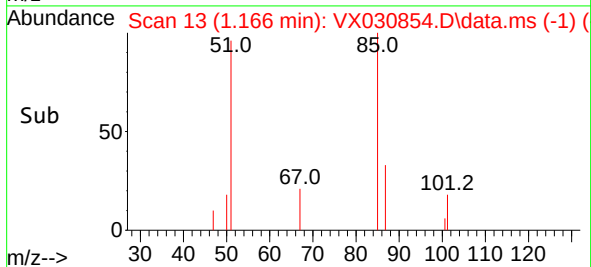
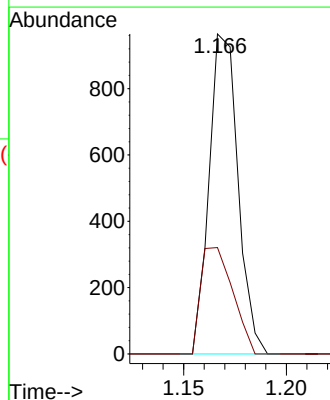
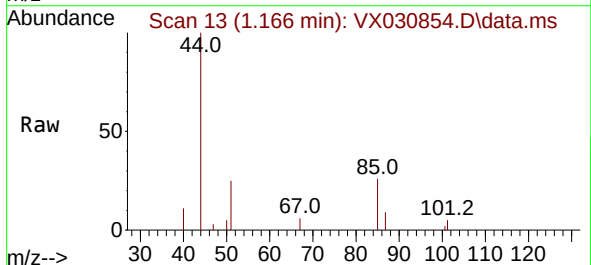
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20220818

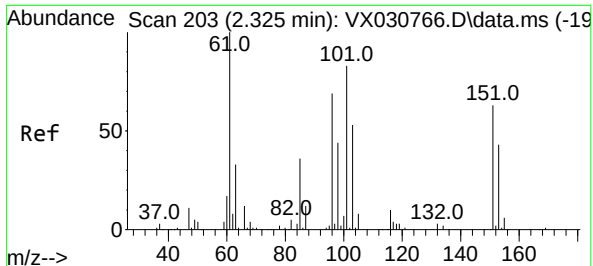
Tgt Ion:168 Resp: 222257
Ion Ratio Lower Upper
168 100
99 56.5 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.458 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX030854.D
Acq: 27 Aug 2022 07:50

Tgt Ion: 85 Resp: 944
Ion Ratio Lower Upper
85 100
87 33.3 16.5 49.5

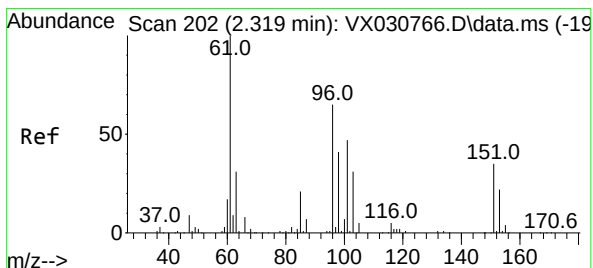
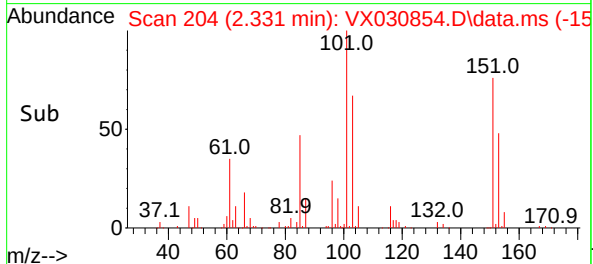
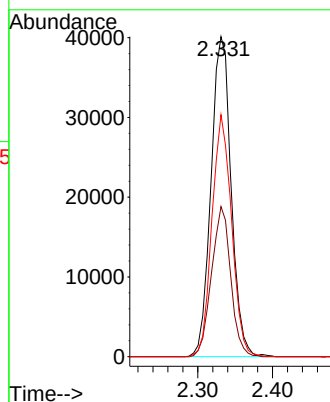
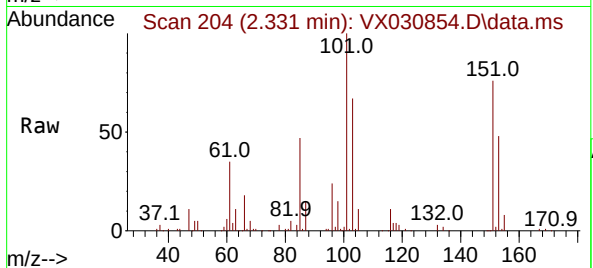




#9
1,1,2-Trichlorotrifluoroethane
Concen: 34.777 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX030854.D
Acq: 27 Aug 2022 07:50

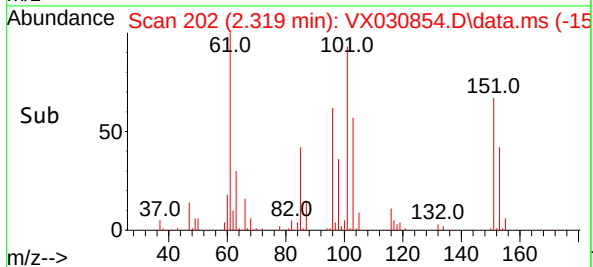
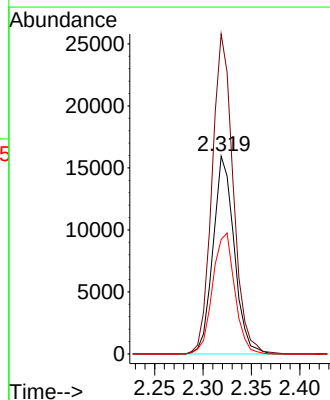
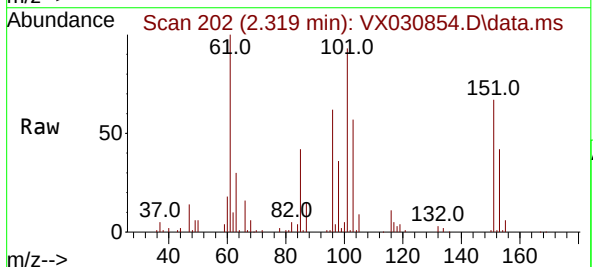
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20220818

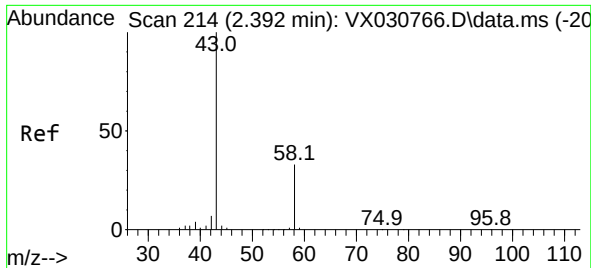
Tgt Ion:101 Resp: 75272
Ion Ratio Lower Upper
101 100
85 44.7 34.0 51.0
151 73.7 59.4 89.0



#12
1,1-Dichloroethene
Concen: 12.034 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030854.D
Acq: 27 Aug 2022 07:50

Tgt Ion: 96 Resp: 24245
Ion Ratio Lower Upper
96 100
61 161.8 117.4 176.0
98 57.9 52.2 78.4

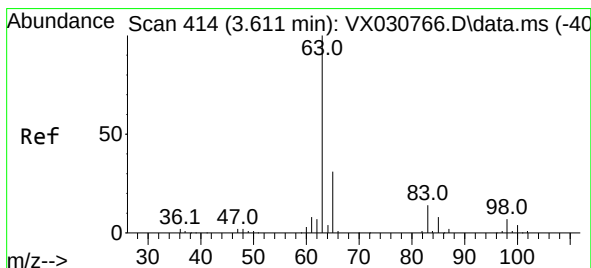
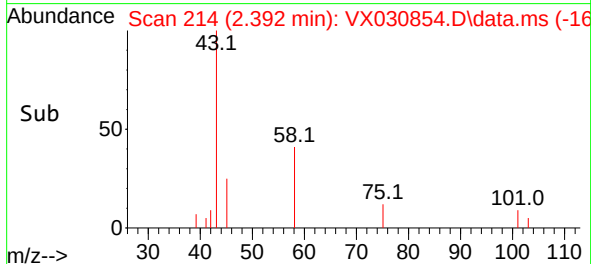
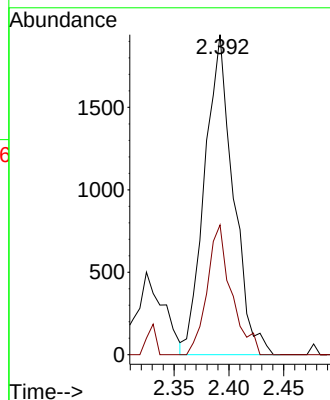
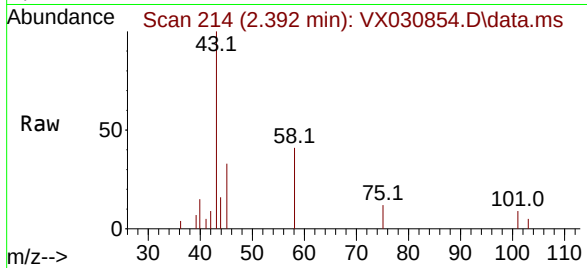




#16
Acetone
Concen: 2.908 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030854.D
Acq: 27 Aug 2022 07:50

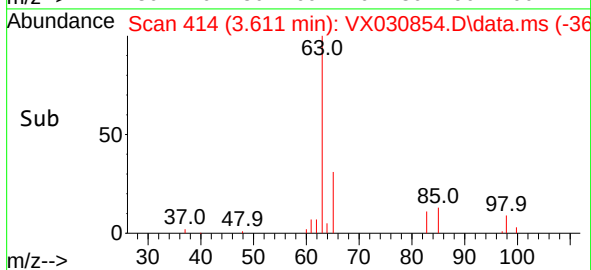
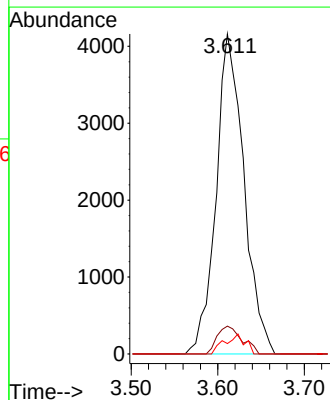
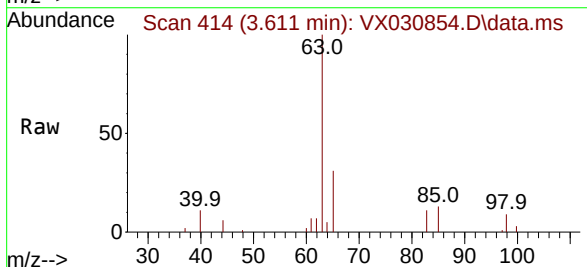
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20220818

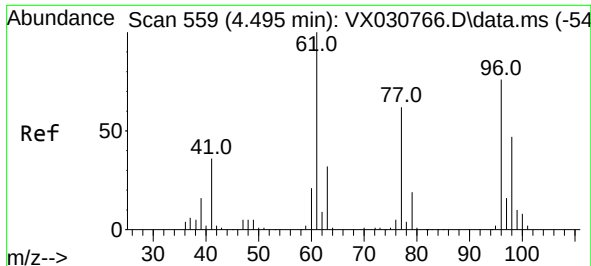
Tgt Ion: 43 Resp: 3513
Ion Ratio Lower Upper
43 100
58 40.5 27.7 41.5



#24
1,1-Dichloroethane
Concen: 2.189 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX030854.D
Acq: 27 Aug 2022 07:50

Tgt Ion: 63 Resp: 9290
Ion Ratio Lower Upper
63 100
98 8.7 3.5 10.5
100 3.2 2.3 6.9





#27

cis-1,2-Dichloroethene

Concen: 4.515 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX030854.D

Acq: 27 Aug 2022 07:50

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20220818

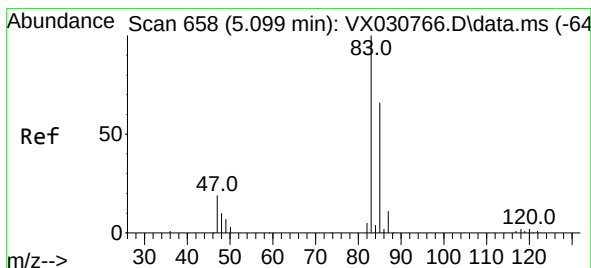
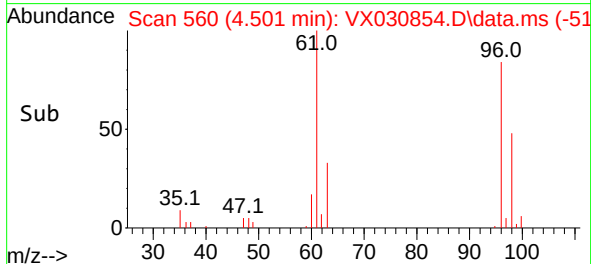
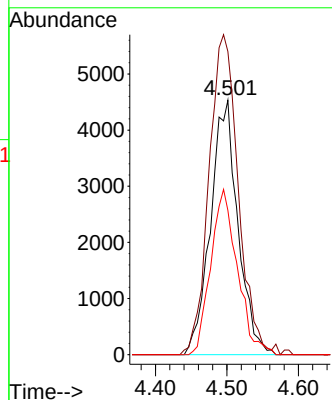
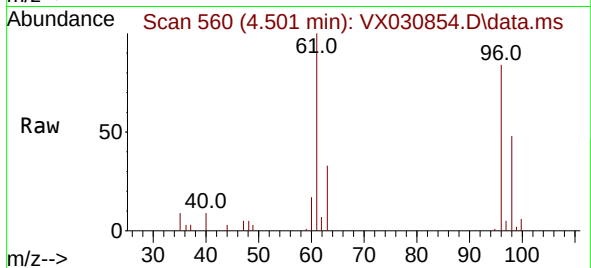
Tgt Ion: 96 Resp: 12071

Ion Ratio Lower Upper

96 100

61 134.7 0.0 270.0

98 63.1 0.0 127.8



#30

Chloroform

Concen: 1.323 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX030854.D

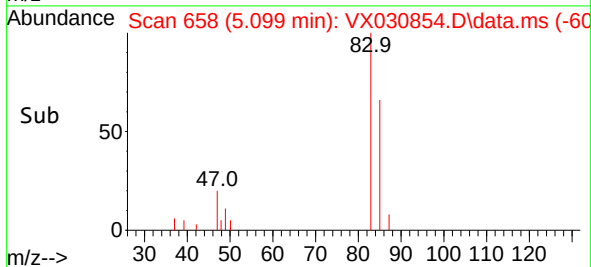
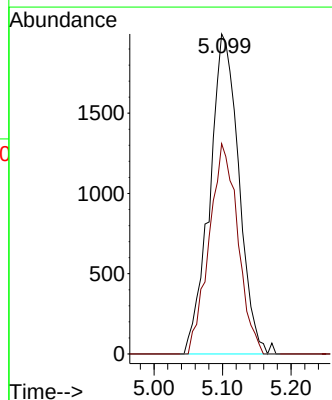
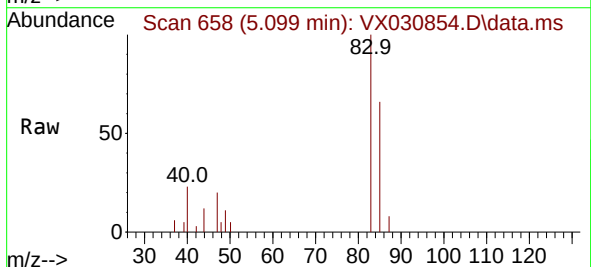
Acq: 27 Aug 2022 07:50

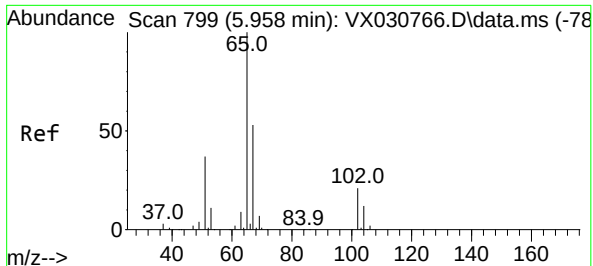
Tgt Ion: 83 Resp: 5908

Ion Ratio Lower Upper

83 100

85 65.7 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 56.680 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030854.D

Acq: 27 Aug 2022 07:50

Instrument :

MSVOA_X

ClientSampleId :

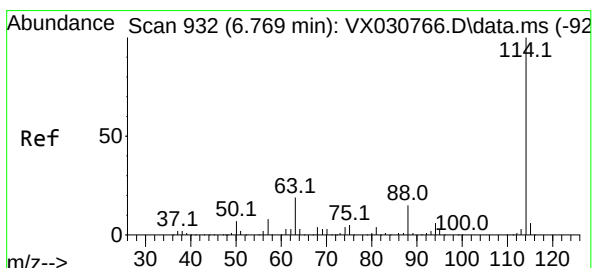
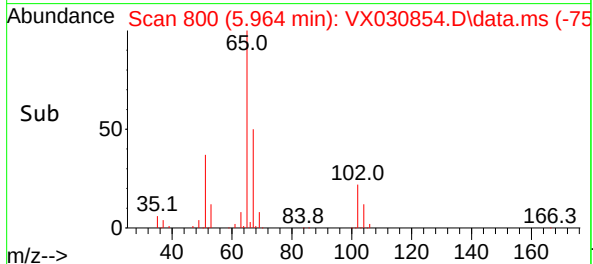
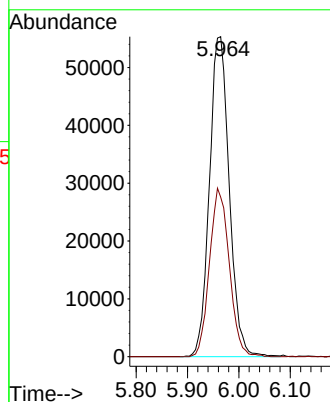
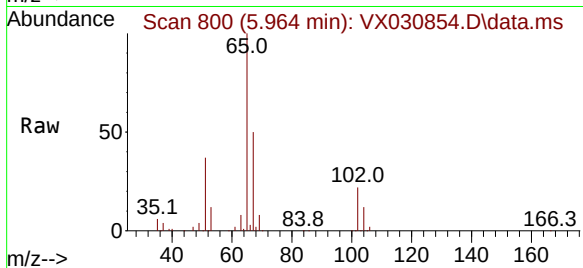
RE132D6-20220818

Tgt Ion: 65 Resp: 148181

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030854.D

Acq: 27 Aug 2022 07:50

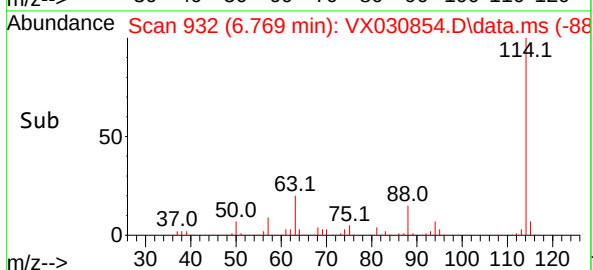
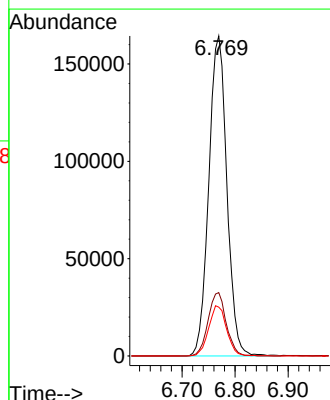
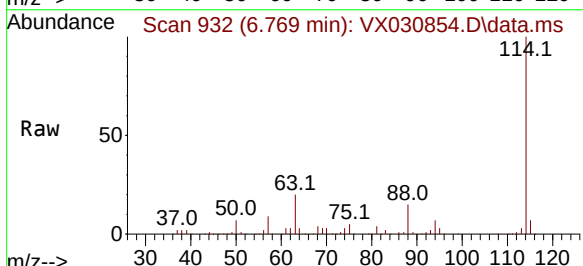
Tgt Ion: 114 Resp: 389415

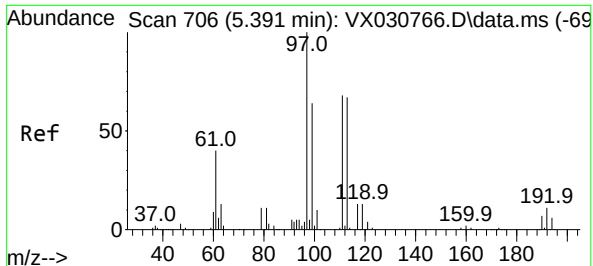
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.702 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030854.D

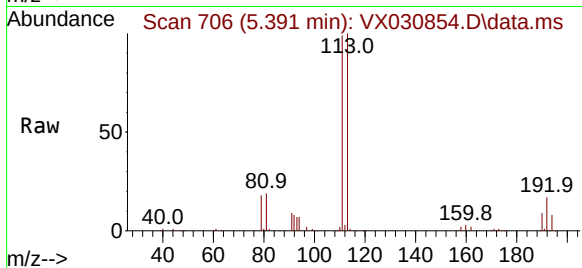
Acq: 27 Aug 2022 07:50

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20220818



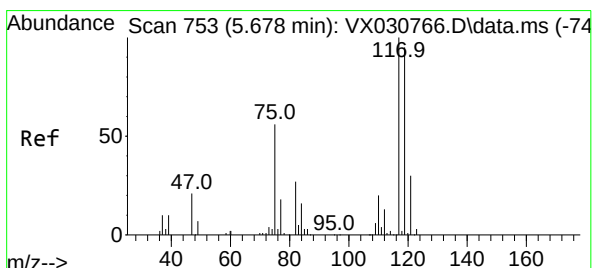
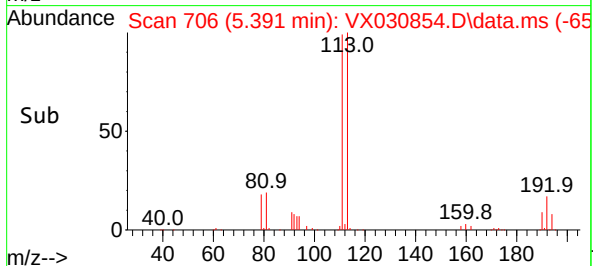
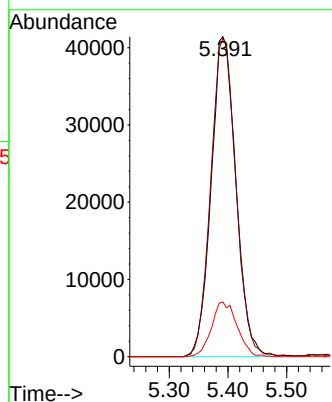
Tgt Ion:113 Resp: 121345

Ion Ratio Lower Upper

113 100

111 100.8 83.2 124.8

192 17.7 14.8 22.2



#38

Carbon Tetrachloride

Concen: 1.524 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX030854.D

Acq: 27 Aug 2022 07:50

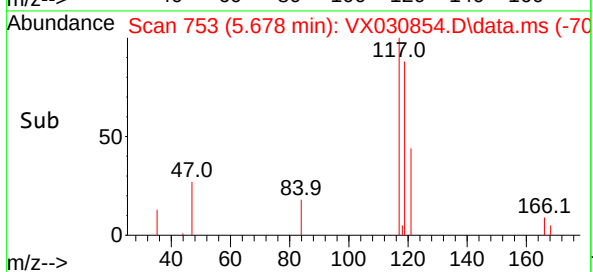
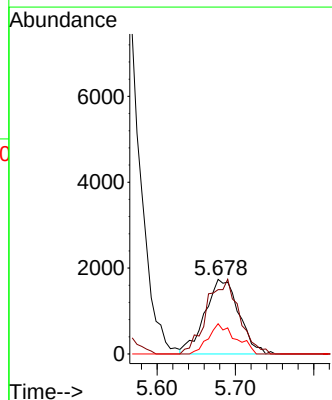
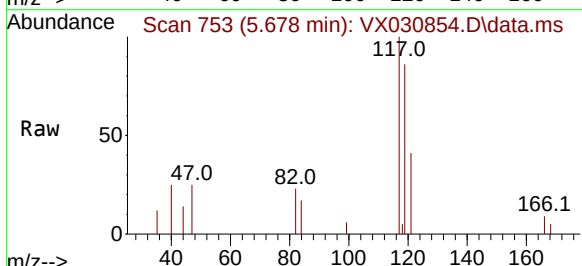
Tgt Ion:117 Resp: 5238

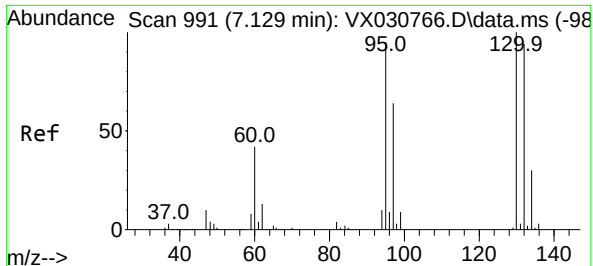
Ion Ratio Lower Upper

117 100

119 86.4 74.1 111.1

121 40.6 25.8 38.8#

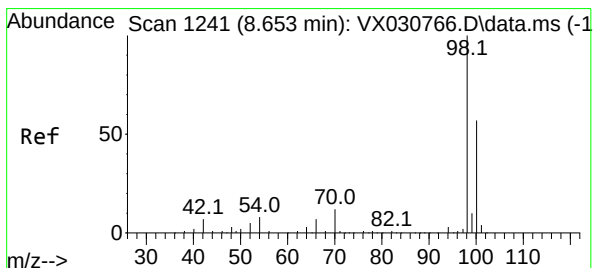
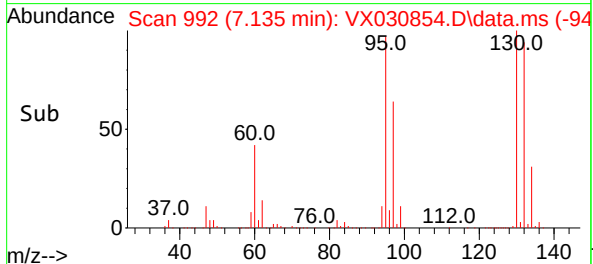
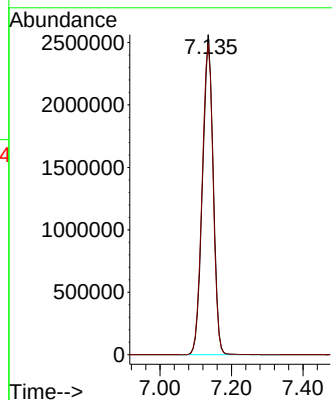
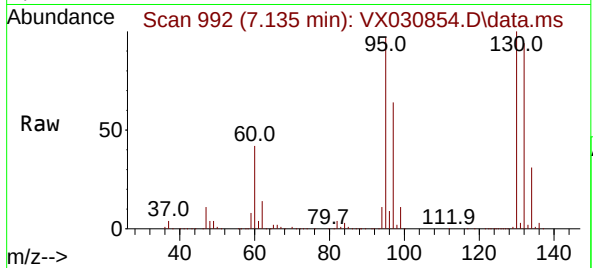




#44
Trichloroethene
Concen: 1882.025 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030854.D
Acq: 27 Aug 2022 07:50

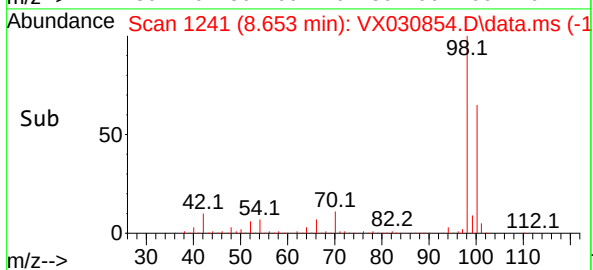
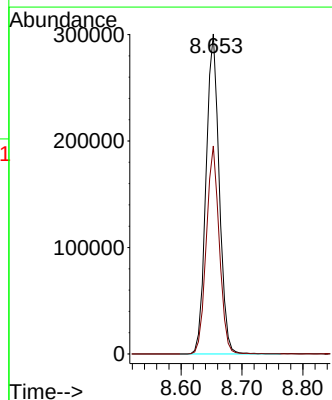
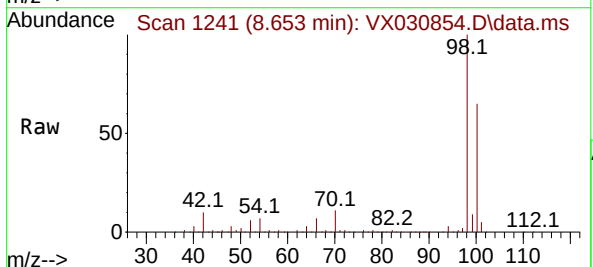
Instrument :
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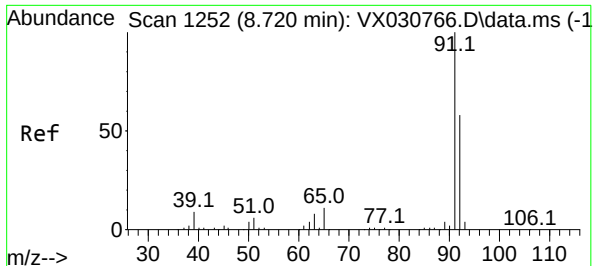
Tgt Ion:130 Resp: 5301572
Ion Ratio Lower Upper
130 100
95 97.2 0.0 194.8



#50
Toluene-d8
Concen: 54.455 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030854.D
Acq: 27 Aug 2022 07:50

Tgt Ion: 98 Resp: 454145
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5

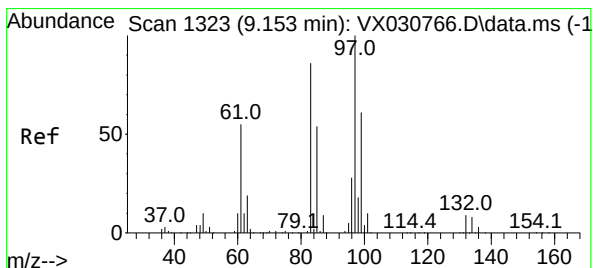
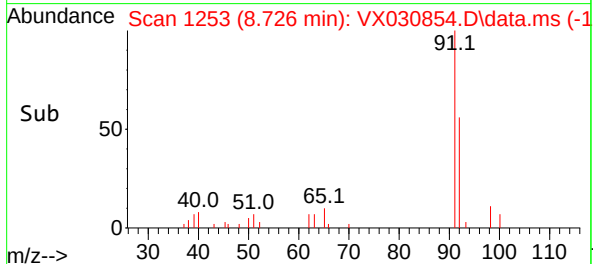
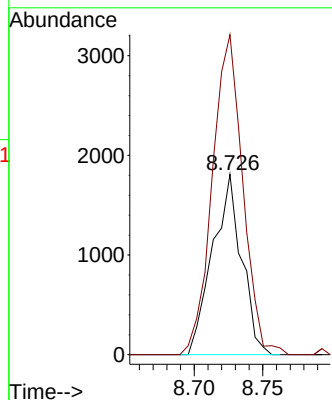
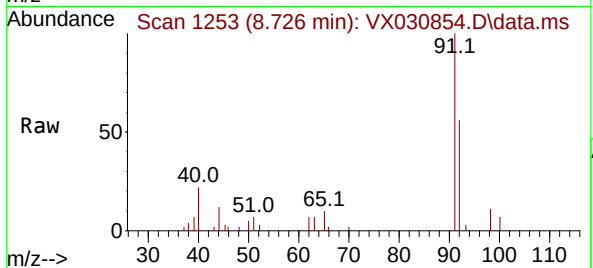




#52
Toluene
Concen: 0.439 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030854.D
Acq: 27 Aug 2022 07:50

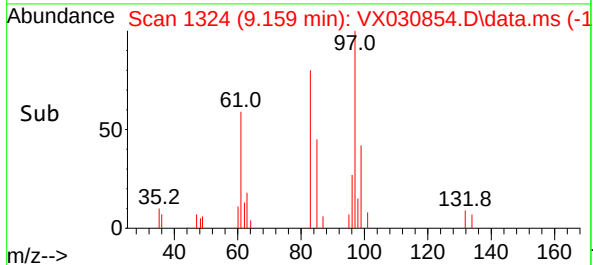
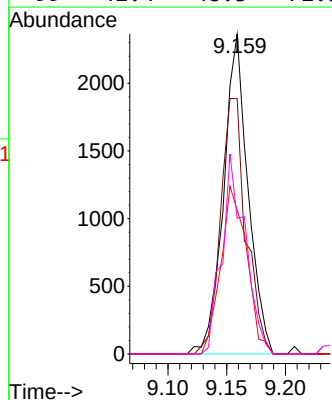
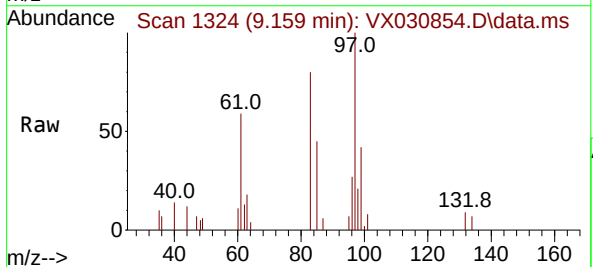
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20220818

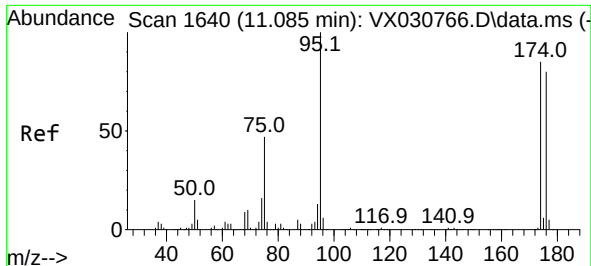
Tgt Ion: 92 Resp: 2669
Ion Ratio Lower Upper
92 100
91 186.3 139.2 208.8



#55
1,1,2-Trichloroethane
Concen: 1.268 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX030854.D
Acq: 27 Aug 2022 07:50

Tgt Ion: 97 Resp: 3429
Ion Ratio Lower Upper
97 100
83 79.8 68.9 103.3
85 45.0 44.0 66.0
99 42.4 48.3 72.5#

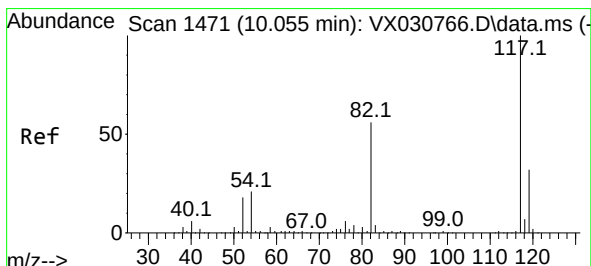
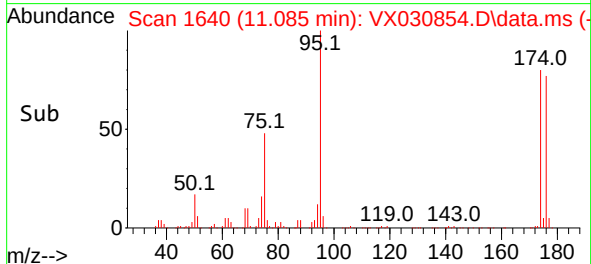
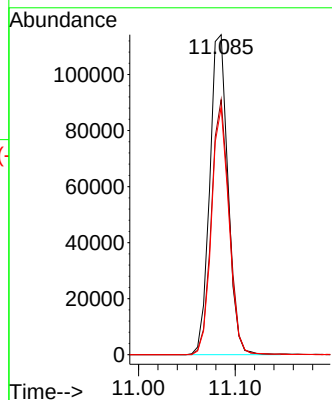
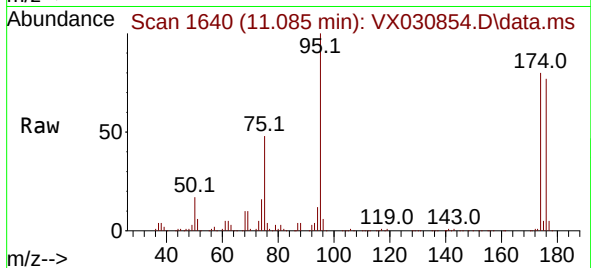




#62
4-Bromofluorobenzene
Concen: 48.187 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030854.D
Acq: 27 Aug 2022 07:50

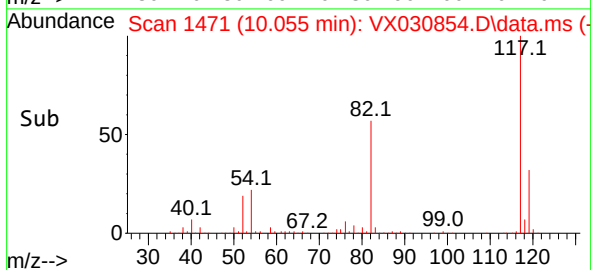
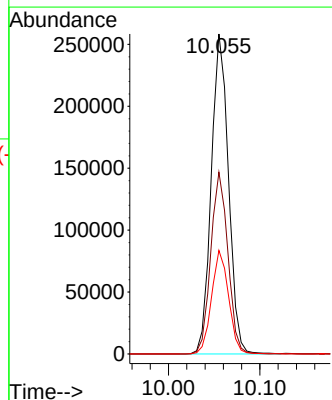
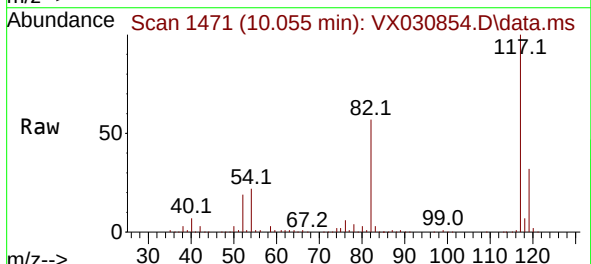
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20220818

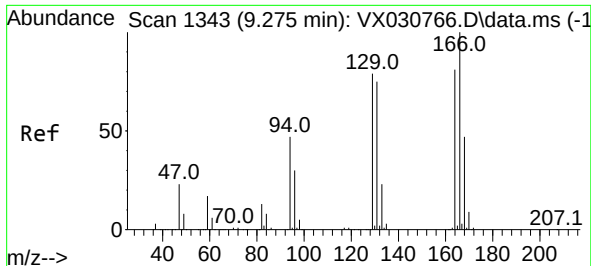
Tgt Ion: 95 Resp: 149615
Ion Ratio Lower Upper
95 100
174 77.8 0.0 149.0
176 74.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030854.D
Acq: 27 Aug 2022 07:50

Tgt Ion: 117 Resp: 337283
Ion Ratio Lower Upper
117 100
82 56.8 42.7 64.1
119 32.4 25.4 38.2

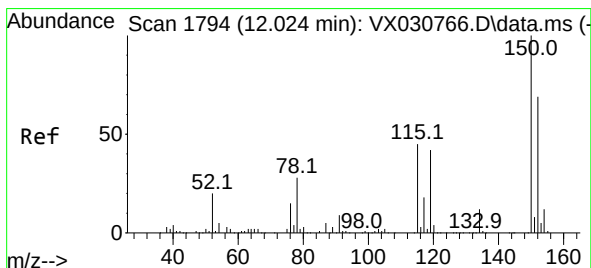
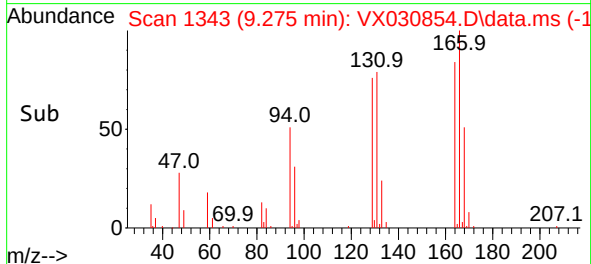
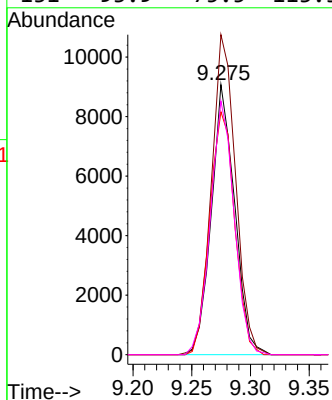
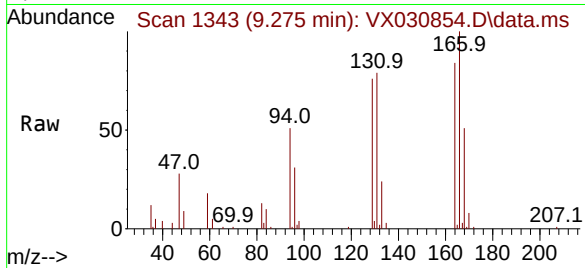




#64
Tetrachloroethene
Concen: 4.717 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030854.D
Acq: 27 Aug 2022 07:50

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20220818

Tgt	Ion:164	Resp:	12533
Ion	Ratio	Lower	Upper
164	100		
166	118.4	98.2	147.4
129	89.9	80.8	121.2
131	93.9	75.5	113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030854.D
Acq: 27 Aug 2022 07:50

Tgt Ion:152	Resp:	143360	
Ion	Ratio	Lower	Upper
152	100		
115	60.3	40.5	121.5
150	159.4	0.0	347.0

