

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031085.D
 Acq On : 03 Sep 2022 16:16
 Operator : JC/MD
 Sample : N4357-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20220822

Quant Time: Sep 06 00:13:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

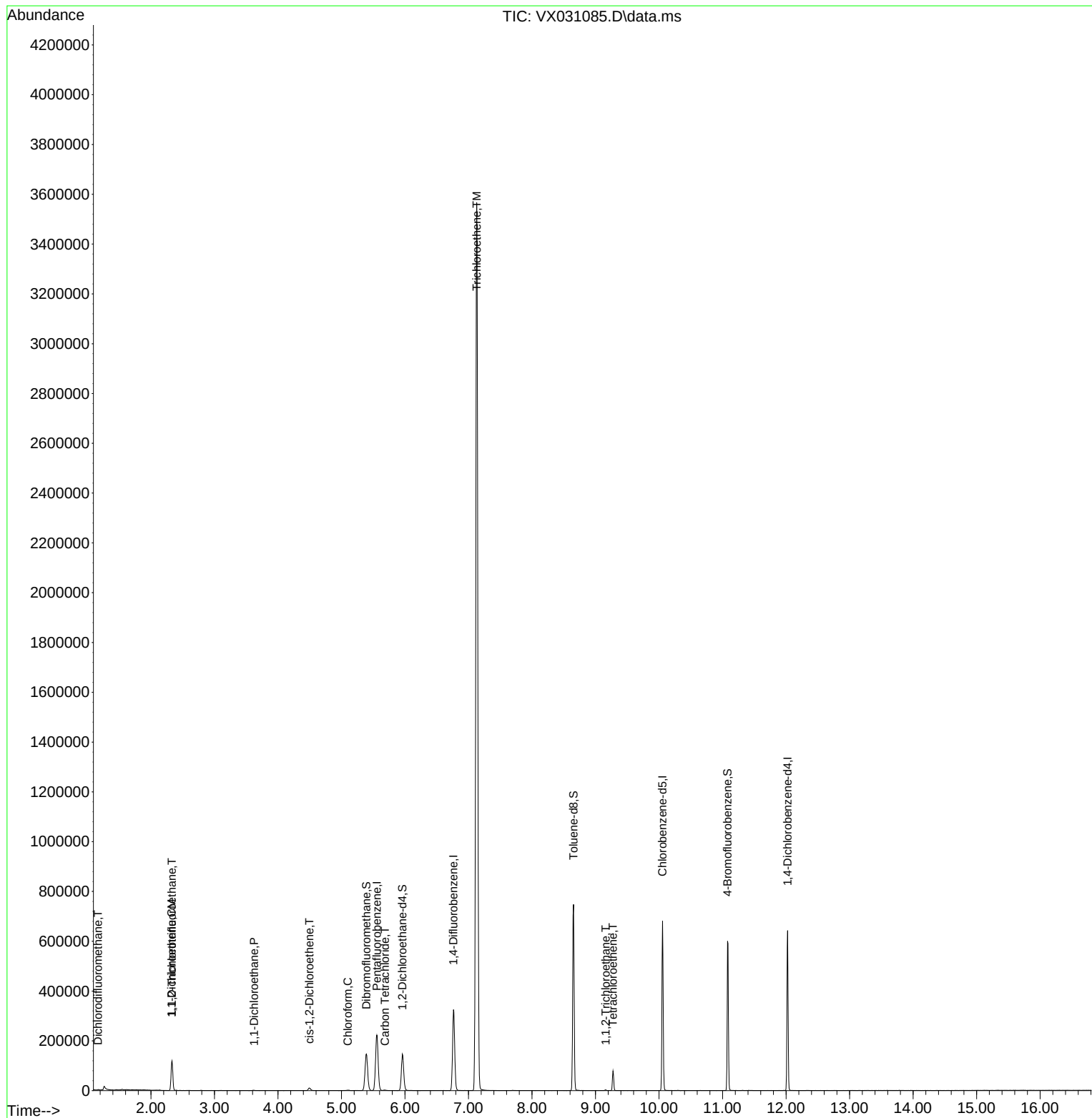
Internal Standards						
1) Pentafluorobenzene	5.556	168	228949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	358878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140894	47.828	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.660%
35) Dibromofluoromethane	5.391	113	133707	51.053	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.100%
50) Toluene-d8	8.653	98	477298	49.519	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.040%
62) 4-Bromofluorobenzene	11.079	95	165373	48.577	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.160%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	666	0.283	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	45396	16.482	ug/l	91
12) 1,1-Dichloroethene	2.325	96	5093	1.915	ug/l	87
24) 1,1-Dichloroethane	3.623	63	1788	0.373	ug/l #	78
27) cis-1,2-Dichloroethene	4.495	96	7214	2.175	ug/l	86
30) Chloroform	5.099	83	2462	0.468	ug/l #	83
38) Carbon Tetrachloride	5.684	117	1855	0.487	ug/l #	76
44) Trichloroethene	7.129	130	1517040	455.075	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	942	0.324	ug/l #	79
64) Tetrachloroethene	9.275	164	15818	4.822	ug/l	94

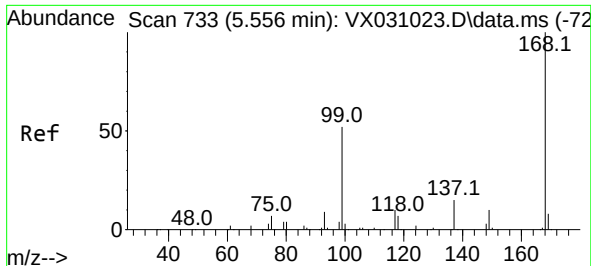
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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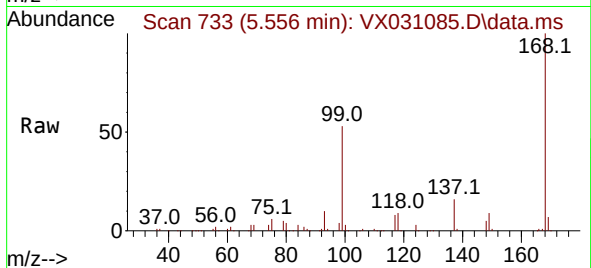
Quant Time: Sep 06 00:13:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
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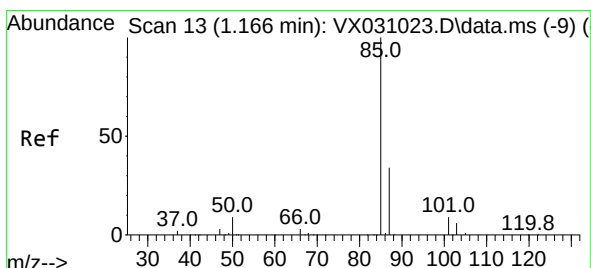
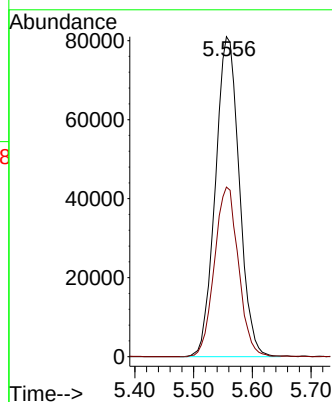
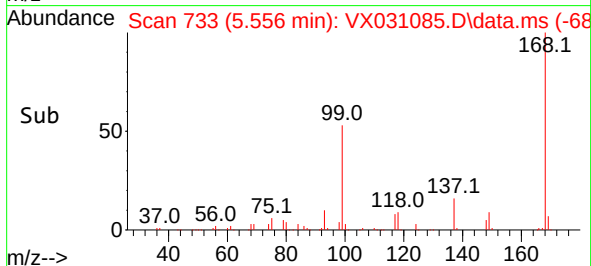


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031085.D
Acq: 03 Sep 2022 16:16

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20220822

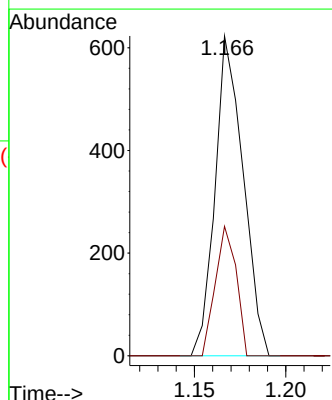
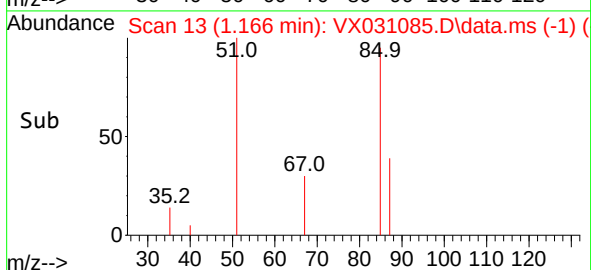
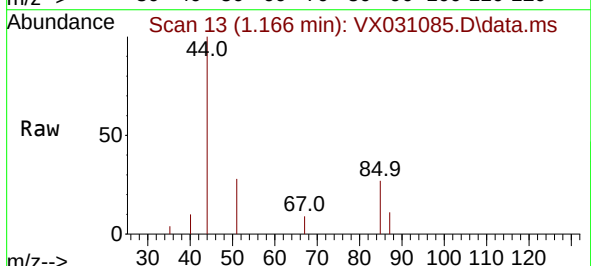


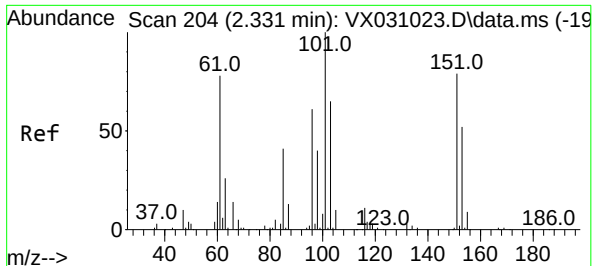
Tgt Ion:168 Resp: 228949
Ion Ratio Lower Upper
168 100
99 53.0 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.283 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031085.D
Acq: 03 Sep 2022 16:16

Tgt Ion: 85 Resp: 666
Ion Ratio Lower Upper
85 100
87 40.4 16.5 49.5

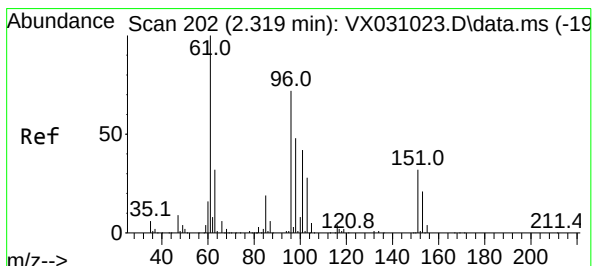
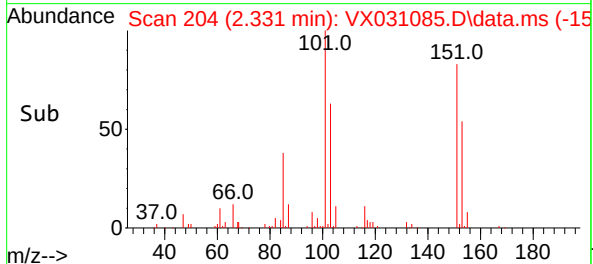
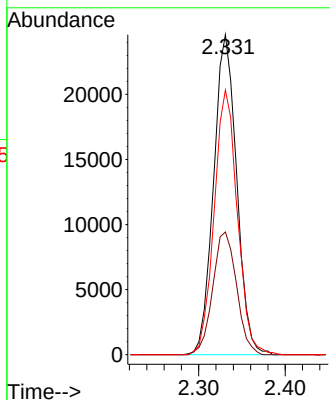
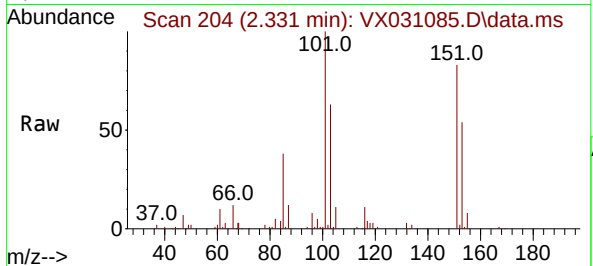




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 16.482 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX031085.D
 Acq: 03 Sep 2022 16:16

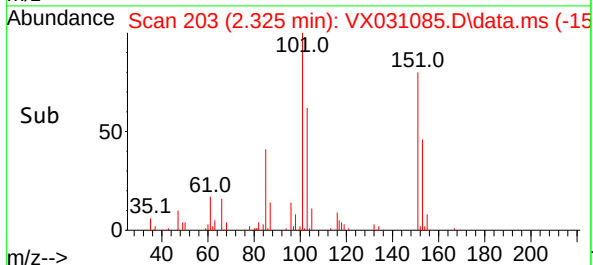
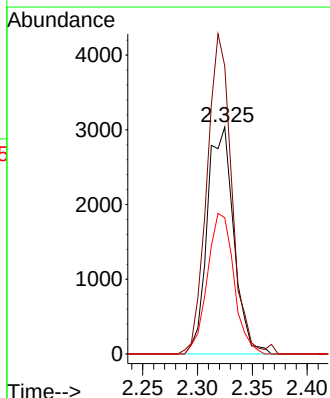
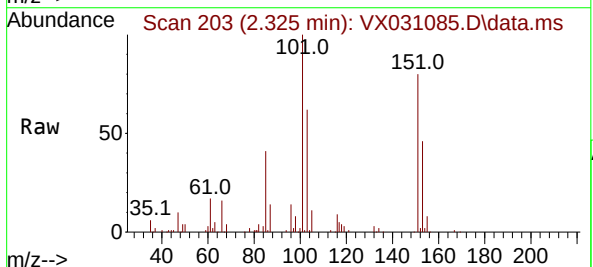
Instrument :
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 ClientSampleId :
 RE120D2-20220822

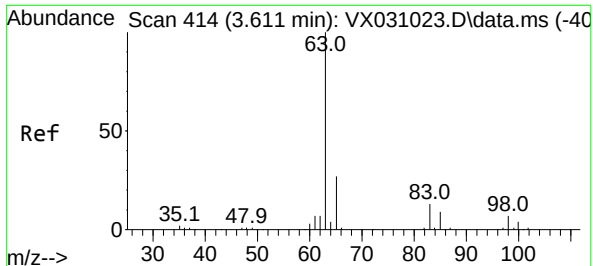
Tgt Ion:101 Resp: 45396
 Ion Ratio Lower Upper
 101 100
 85 39.7 34.0 51.0
 151 83.4 59.4 89.0



#12
 1,1-Dichloroethene
 Concen: 1.915 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX031085.D
 Acq: 03 Sep 2022 16:16

Tgt Ion: 96 Resp: 5093
 Ion Ratio Lower Upper
 96 100
 61 127.0 117.4 176.0
 98 60.0 52.2 78.4

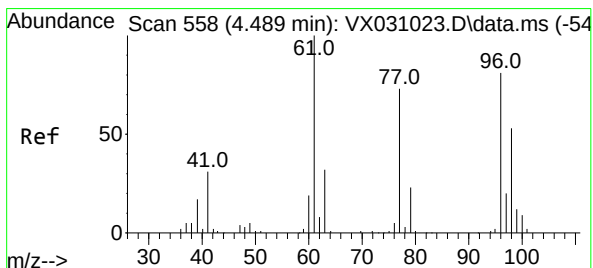
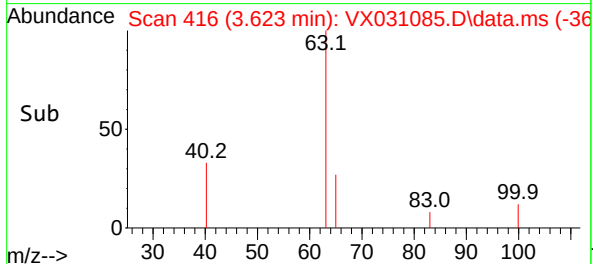
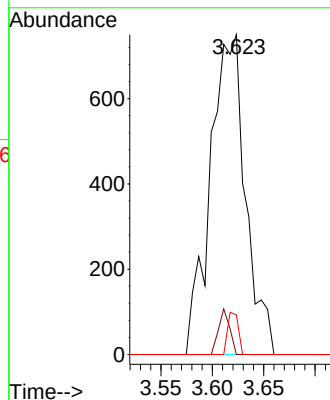
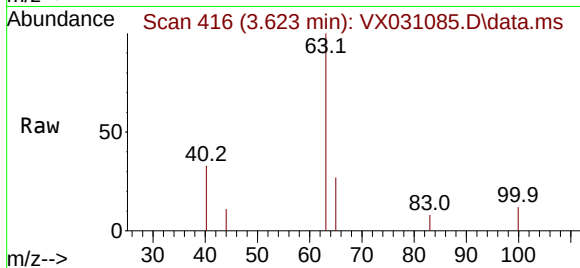




#24
 1,1-Dichloroethane
 Concen: 0.373 ug/l
 RT: 3.623 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX031085.D
 Acq: 03 Sep 2022 16:16

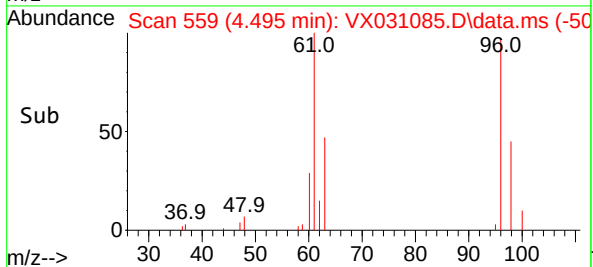
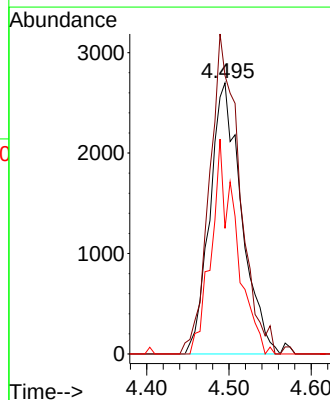
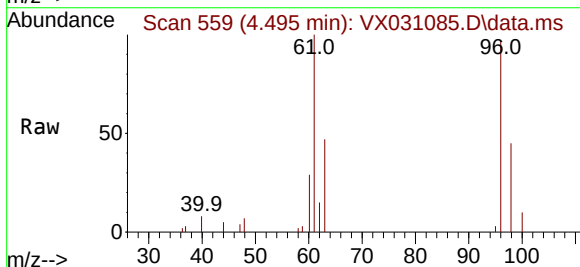
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20220822

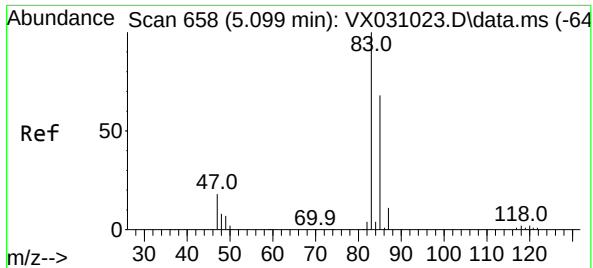
Tgt Ion: 63 Resp: 1788
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.5#
 100 12.4 2.3 6.9#



#27
 cis-1,2-Dichloroethene
 Concen: 2.175 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: VX031085.D
 Acq: 03 Sep 2022 16:16

Tgt Ion: 96 Resp: 7214
 Ion Ratio Lower Upper
 96 100
 61 112.4 0.0 270.0
 98 62.3 0.0 127.8





#30

Chloroform

Concen: 0.468 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX031085.D

Acq: 03 Sep 2022 16:16

Instrument :

MSVOA_X

ClientSampleId :

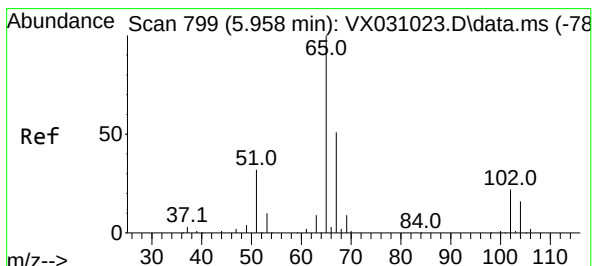
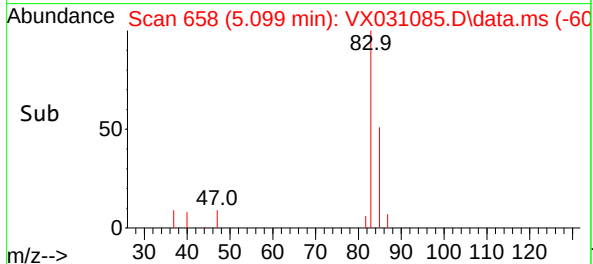
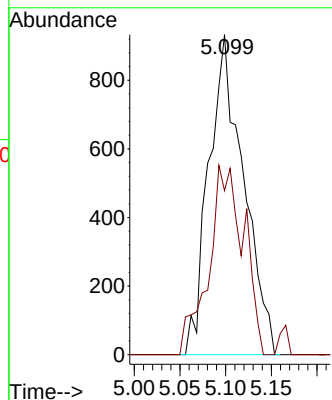
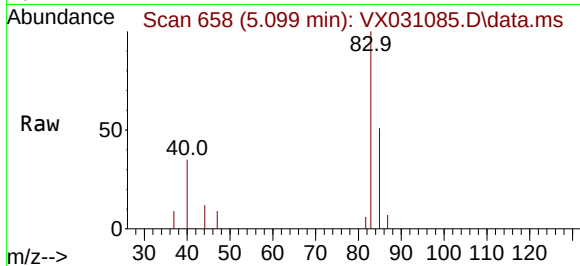
RE120D2-20220822

Tgt Ion: 83 Resp: 2462

Ion Ratio Lower Upper

83 100

85 51.2 51.5 77.3#



#33

1,2-Dichloroethane-d4

Concen: 47.828 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031085.D

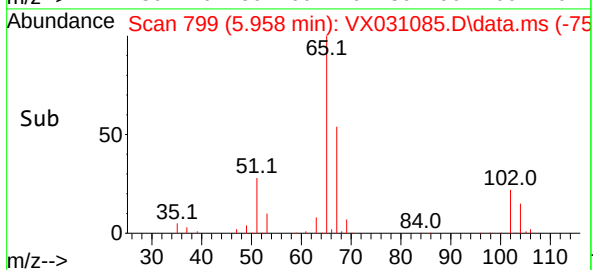
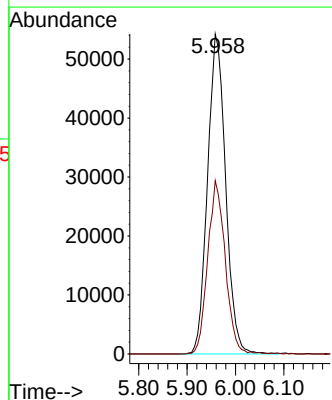
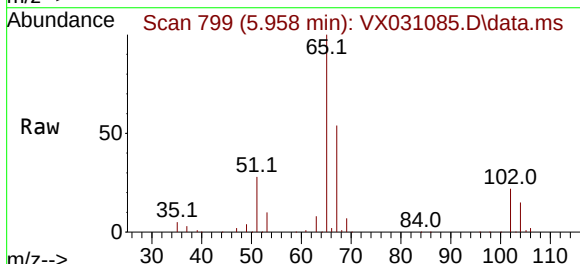
Acq: 03 Sep 2022 16:16

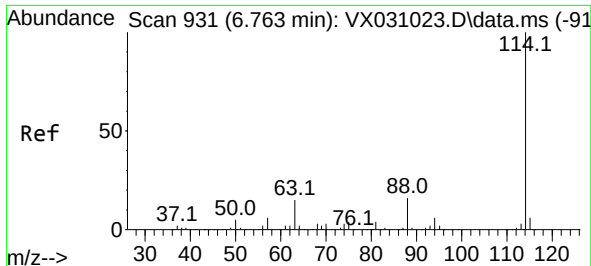
Tgt Ion: 65 Resp: 140894

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6

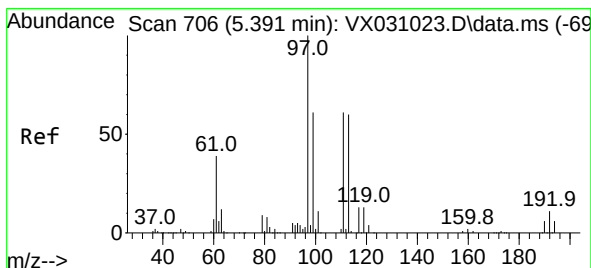
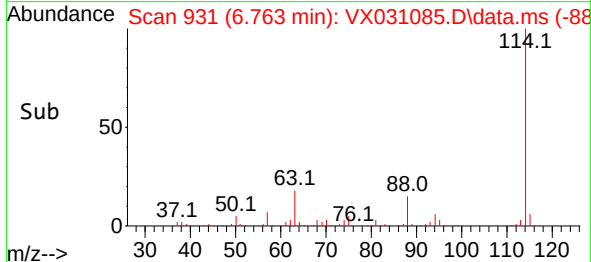
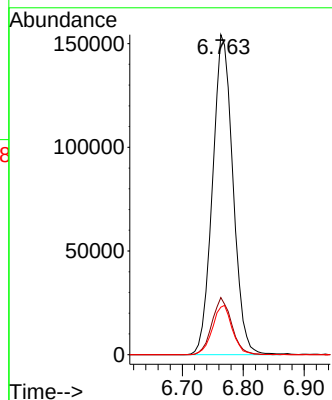
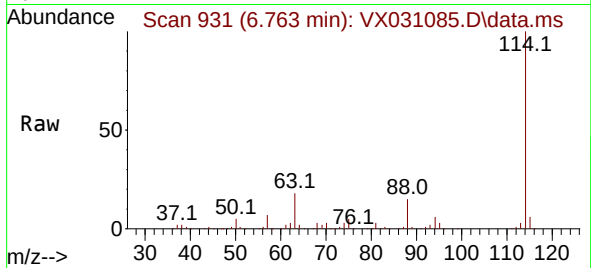




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031085.D
Acq: 03 Sep 2022 16:16

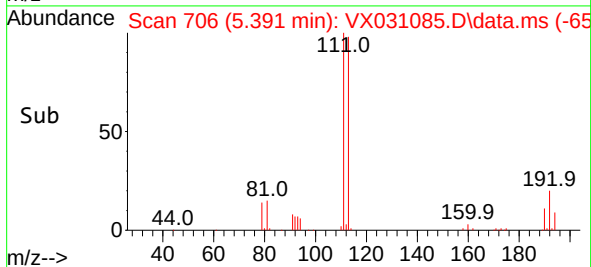
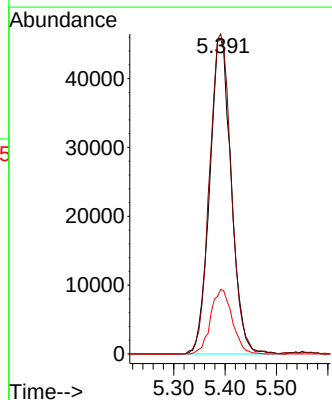
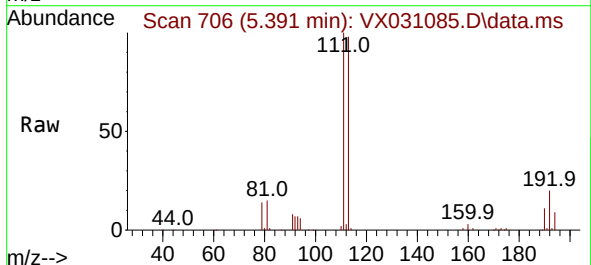
Instrument :
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ClientSampleId :
RE120D2-20220822

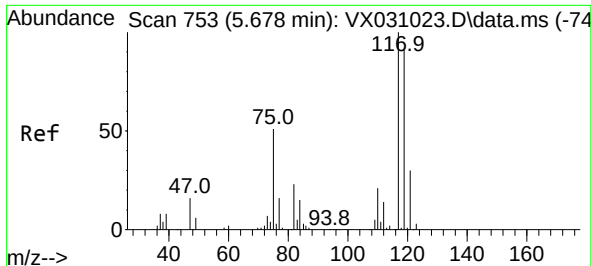
Tgt Ion:114 Resp: 358878
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.4
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.053 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031085.D
Acq: 03 Sep 2022 16:16

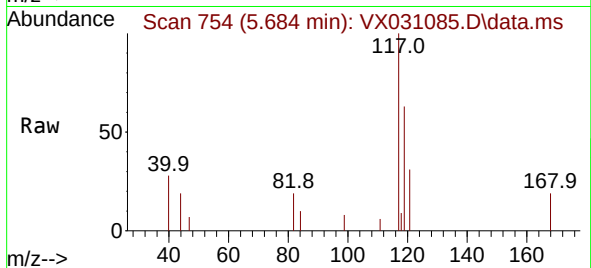
Tgt Ion:113 Resp: 133707
Ion Ratio Lower Upper
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111 101.9 83.2 124.8
192 20.4 14.8 22.2



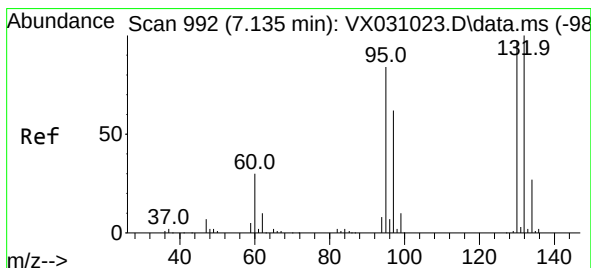
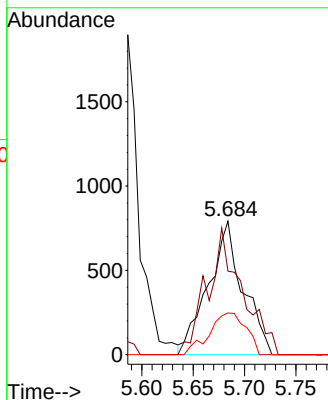
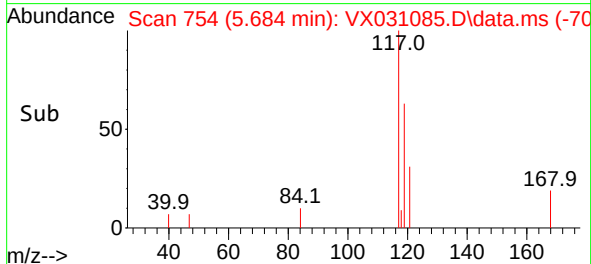


#38
Carbon Tetrachloride
Concen: 0.487 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX031085.D
Acq: 03 Sep 2022 16:16

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20220822

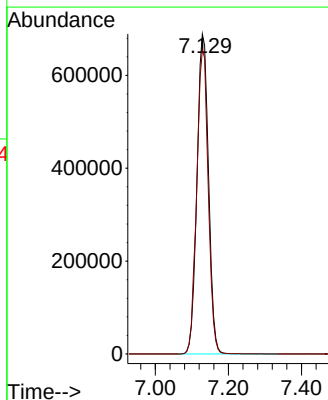
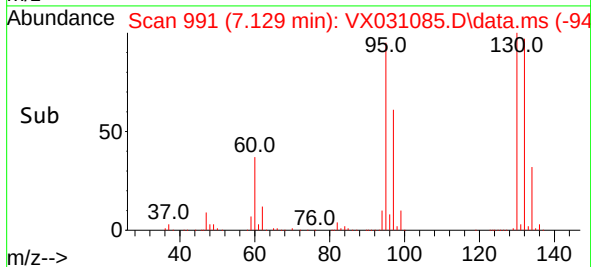
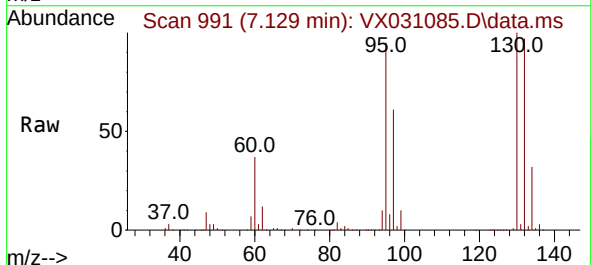


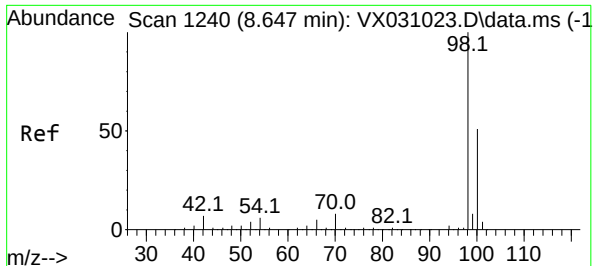
Tgt Ion:117 Resp: 1855
Ion Ratio Lower Upper
117 100
119 62.6 74.1 111.1#
121 31.4 25.8 38.8



#44
Trichloroethene
Concen: 455.075 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031085.D
Acq: 03 Sep 2022 16:16

Tgt Ion:130 Resp: 1517040
Ion Ratio Lower Upper
130 100
95 95.0 0.0 194.8

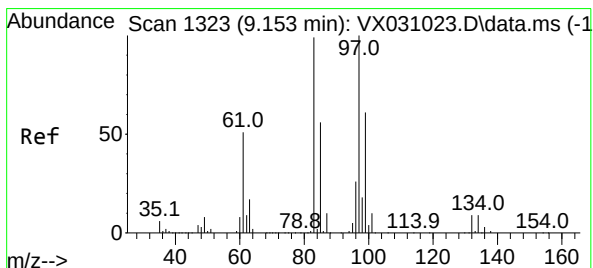
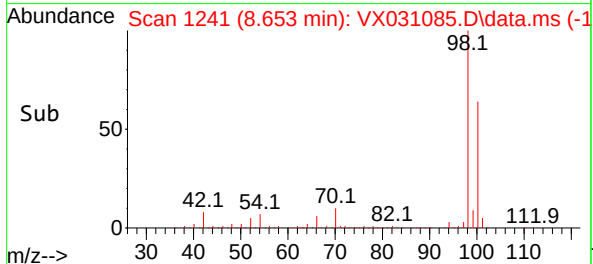
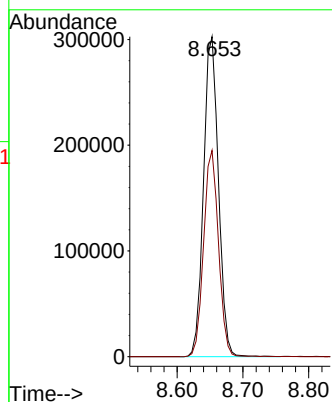
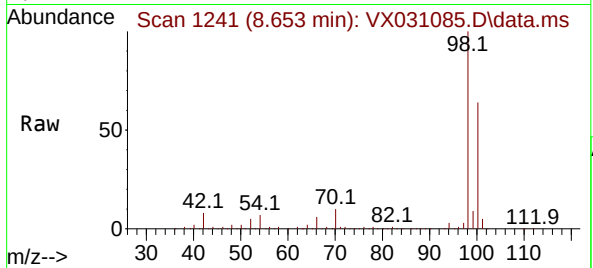




#50
Toluene-d8
Concen: 49.519 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031085.D
Acq: 03 Sep 2022 16:16

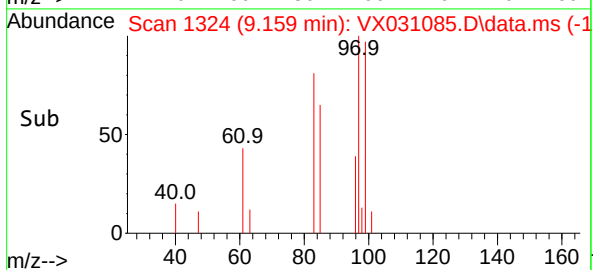
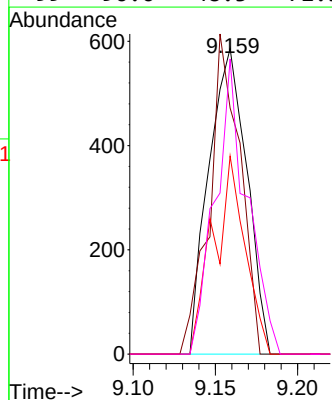
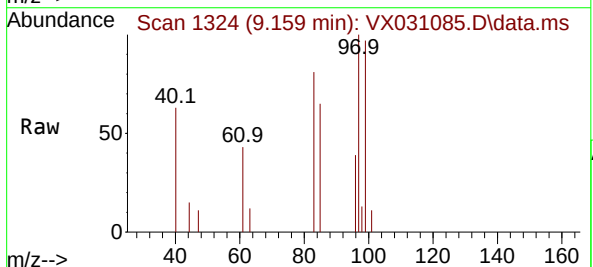
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20220822

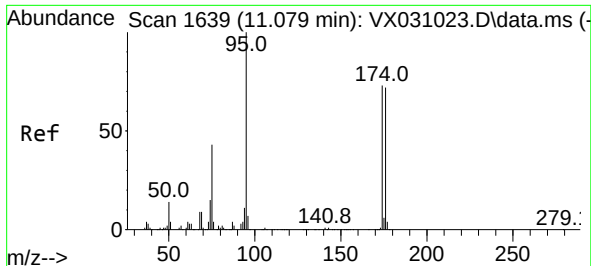
Tgt Ion: 98 Resp: 477298
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#55
1,1,2-Trichloroethane
Concen: 0.324 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX031085.D
Acq: 03 Sep 2022 16:16

Tgt Ion: 97 Resp: 942
Ion Ratio Lower Upper
97 100
83 80.5 68.9 103.3
85 64.8 44.0 66.0
99 96.6 48.3 72.5#





#62

4-Bromofluorobenzene

Concen: 48.577 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX031085.D

Acq: 03 Sep 2022 16:16

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20220822

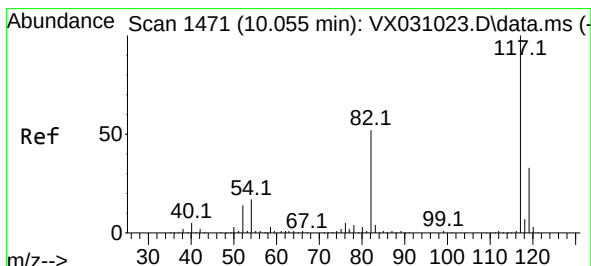
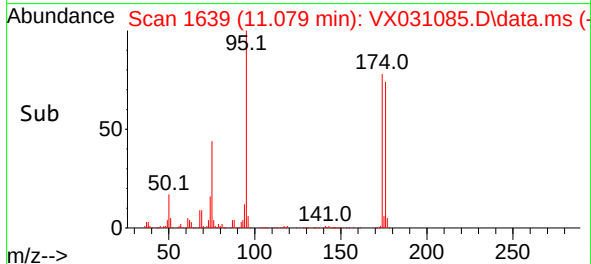
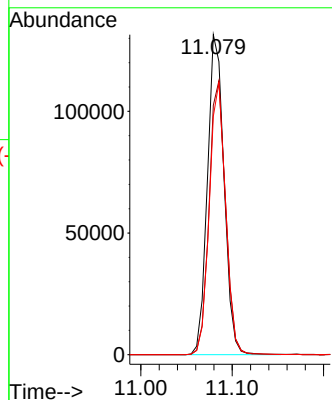
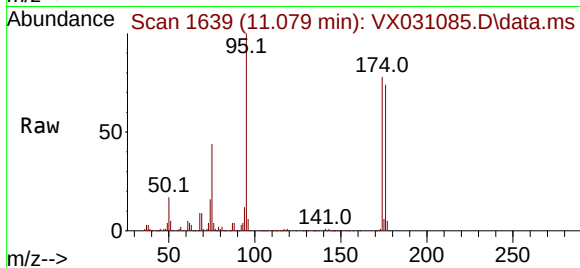
Tgt Ion: 95 Resp: 165373

Ion Ratio Lower Upper

95 100

174 85.2 0.0 149.0

176 83.6 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: VX031085.D

Acq: 03 Sep 2022 16:16

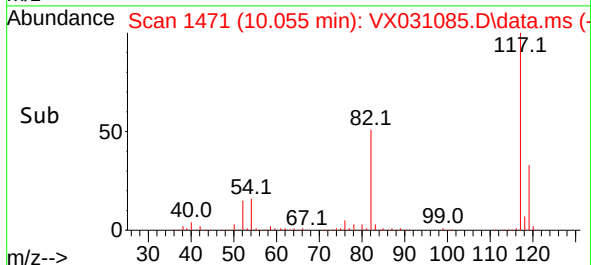
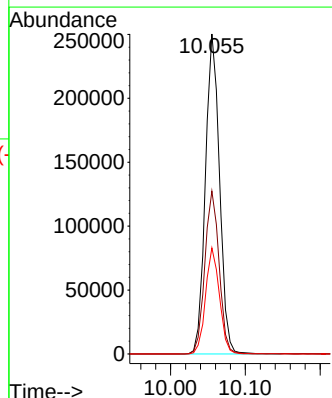
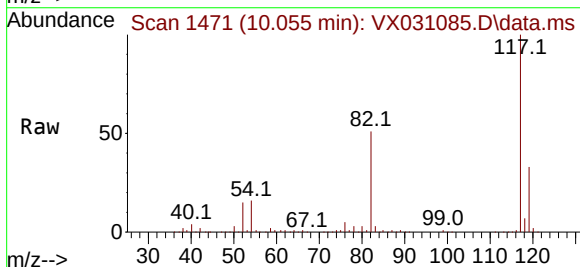
Tgt Ion: 117 Resp: 328559

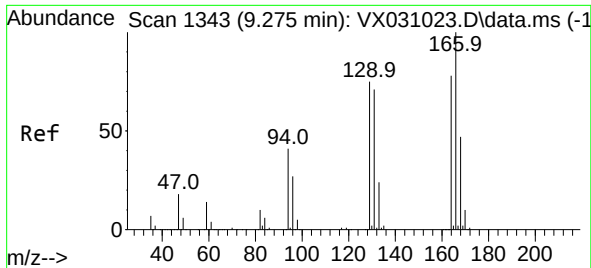
Ion Ratio Lower Upper

117 100

82 50.9 42.7 64.1

119 33.2 25.4 38.2

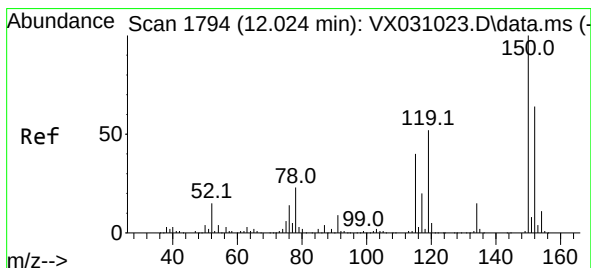
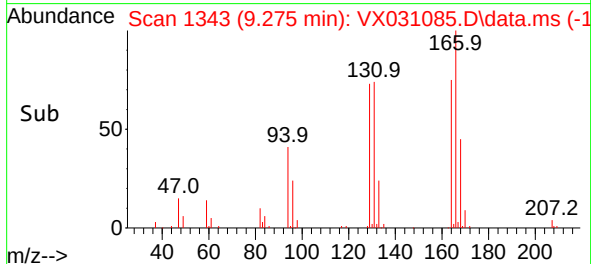
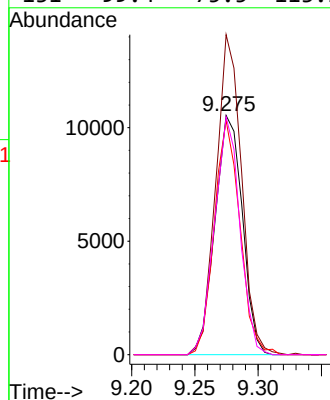
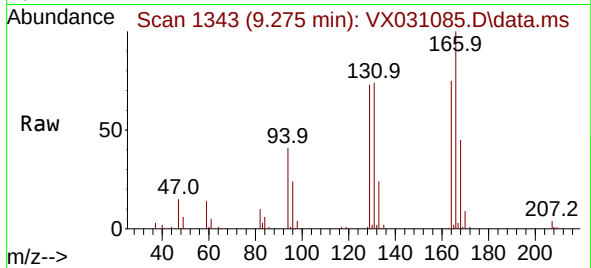




#64
Tetrachloroethene
Concen: 4.822 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031085.D
Acq: 03 Sep 2022 16:16

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20220822

Tgt	Ion:164	Resp:	15818
Ion	Ratio	Lower	Upper
164	100		
166	133.8	98.2	147.4
129	97.8	80.8	121.2
131	99.4	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: VX031085.D
Acq: 03 Sep 2022 16:16

Tgt Ion:152	Resp:	147038	
Ion	Ratio	Lower	Upper
152	100		
115	58.4	40.5	121.5
150	153.9	0.0	347.0

