

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX033000.D
 Acq On : 22 Nov 2022 23:45
 Operator : JC/MD
 Sample : N5730-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20221118

Quant Time: Nov 23 05:52:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

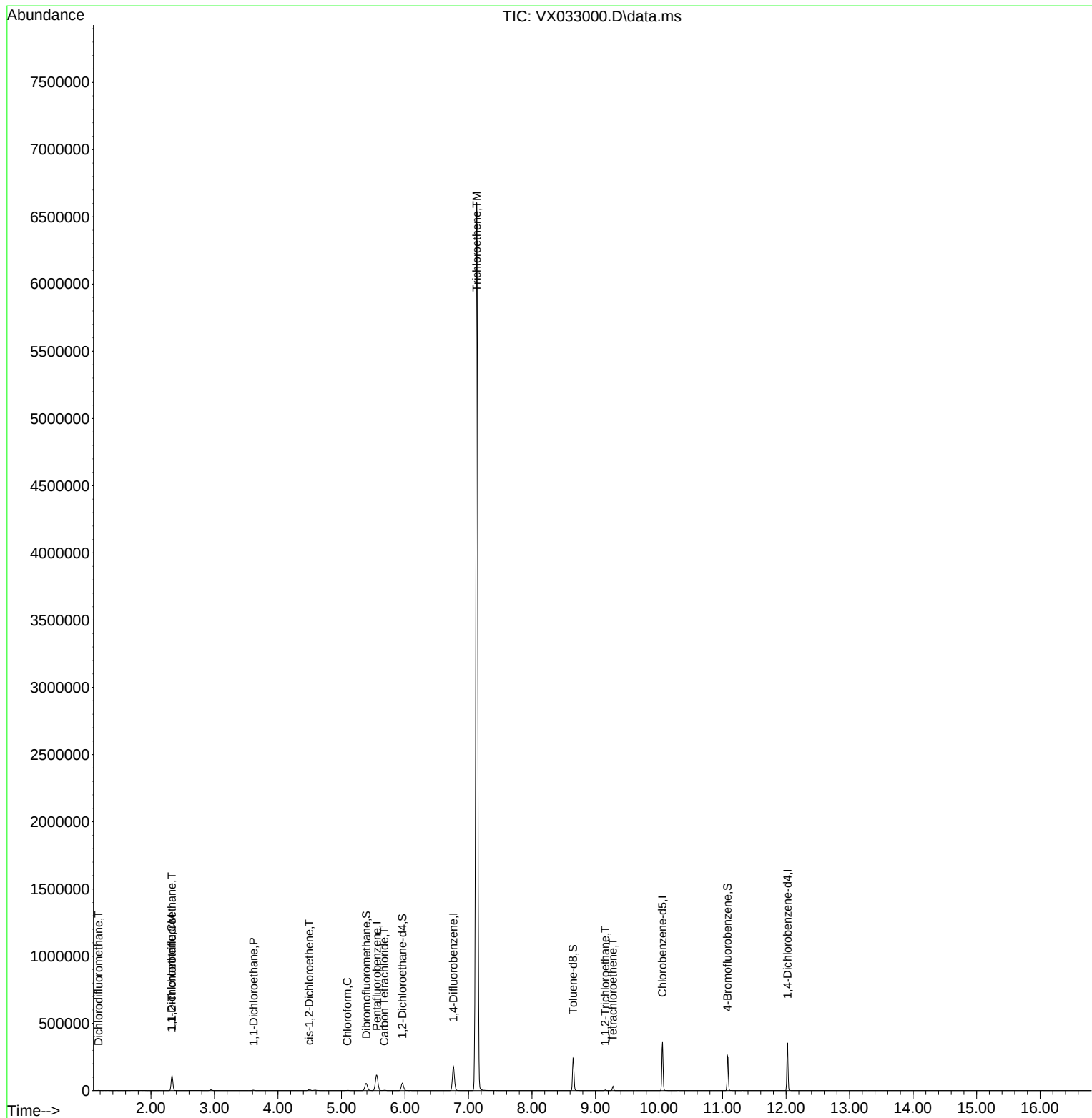
Internal Standards						
1) Pentafluorobenzene	5.556	168	111119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179067	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56035	51.715	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.420%	
35) Dibromofluoromethane	5.391	113	46562	46.123	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.240%	
50) Toluene-d8	8.647	98	145106	47.672	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.340%	
62) 4-Bromofluorobenzene	11.079	95	65545	49.427	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.860%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	452	0.532	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	35448	34.053	ug/l	97
12) 1,1-Dichloroethene	2.325	96	10346	10.669	ug/l	97
24) 1,1-Dichloroethane	3.617	63	3957	2.028	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	5368	4.259	ug/l	90
30) Chloroform	5.093	83	2410	1.103	ug/l	98
38) Carbon Tetrachloride	5.672	117	2332	1.302	ug/l	98
44) Trichloroethene	7.129	130	2472190	1946.659	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	1566	1.292	ug/l	96
64) Tetrachloroethene	9.275	164	5464	4.801	ug/l	91

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

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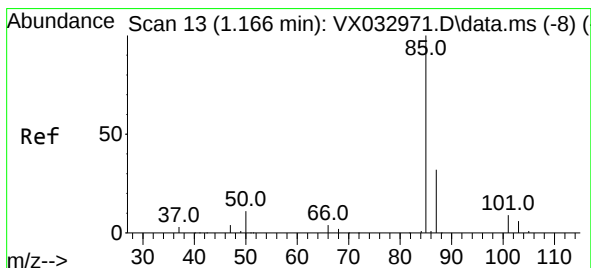
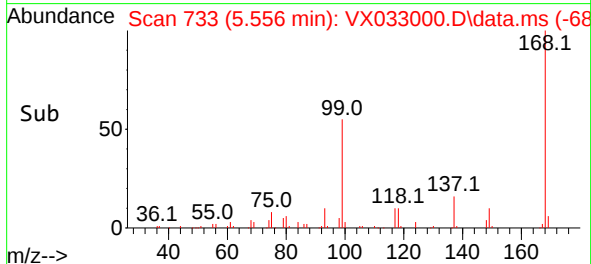
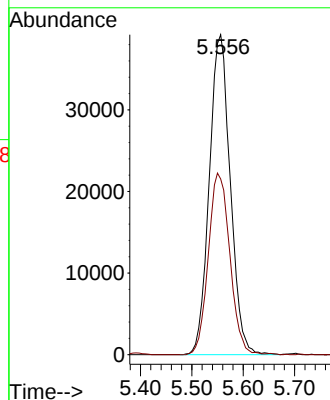
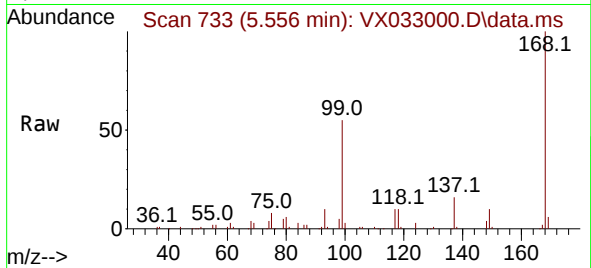




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

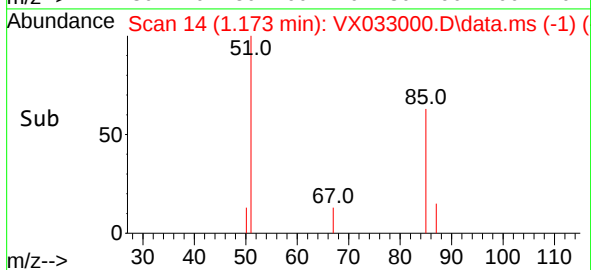
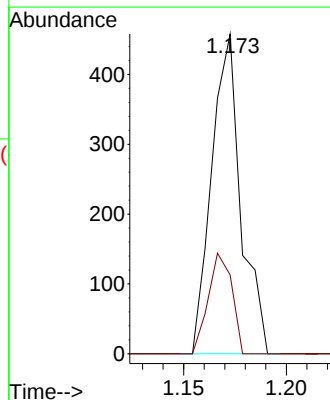
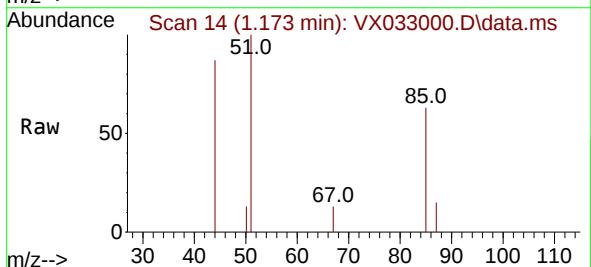
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20221118

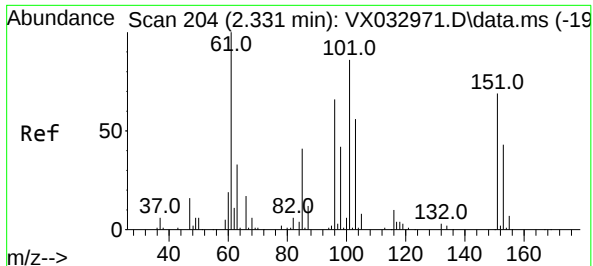
Tgt Ion:168 Resp: 111119
Ion Ratio Lower Upper
168 100
99 54.9 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 0.532 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.007 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion: 85 Resp: 452
Ion Ratio Lower Upper
85 100
87 24.7 15.6 46.7

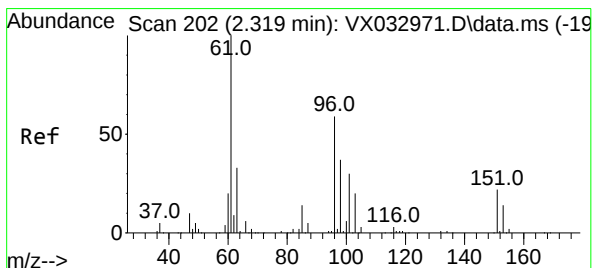
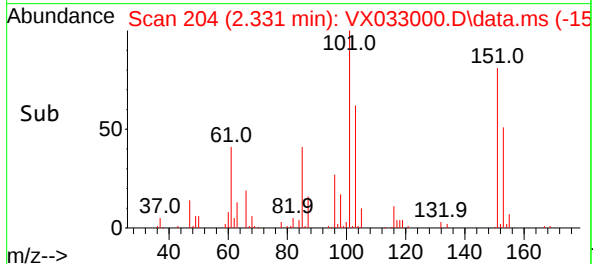
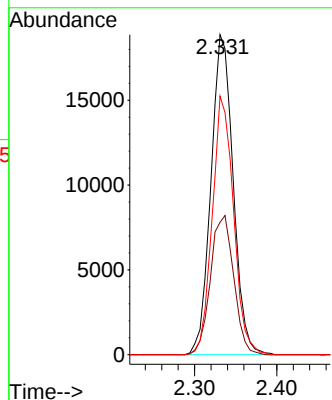
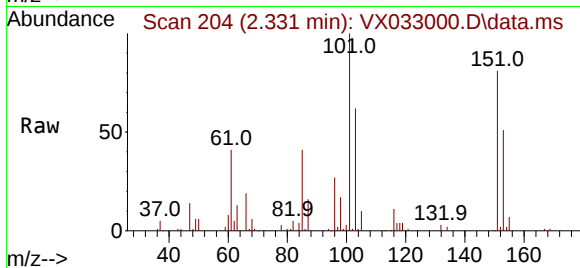




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 34.053 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX033000.D
 Acq: 22 Nov 2022 23:45

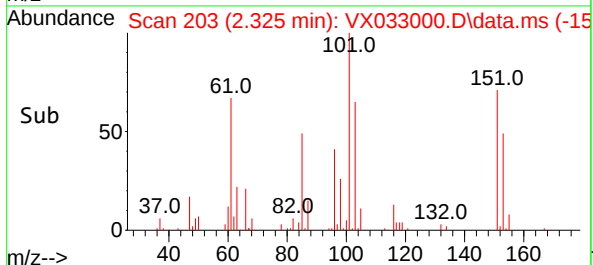
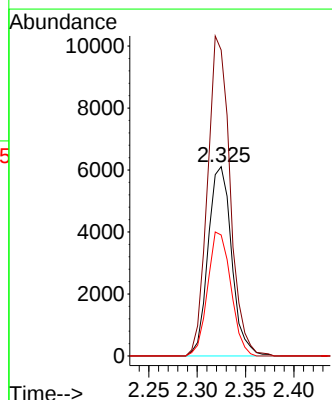
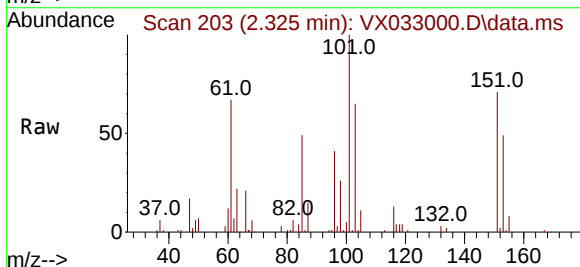
Instrument :
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 ClientSampleId :
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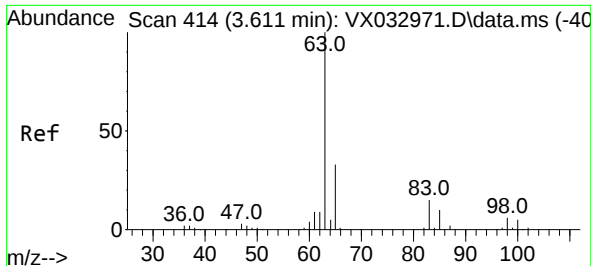
Tgt Ion:101 Resp: 35448
 Ion Ratio Lower Upper
 101 100
 85 45.5 37.0 55.4
 151 77.5 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 10.669 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX033000.D
 Acq: 22 Nov 2022 23:45

Tgt Ion: 96 Resp: 10346
 Ion Ratio Lower Upper
 96 100
 61 161.6 125.1 187.7
 98 63.9 50.6 76.0

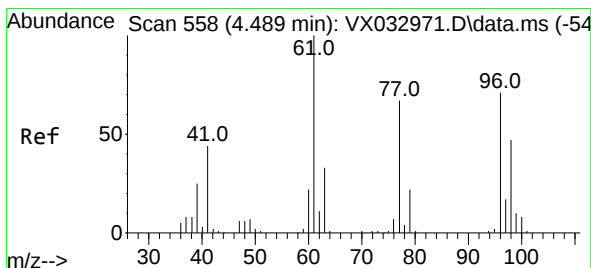
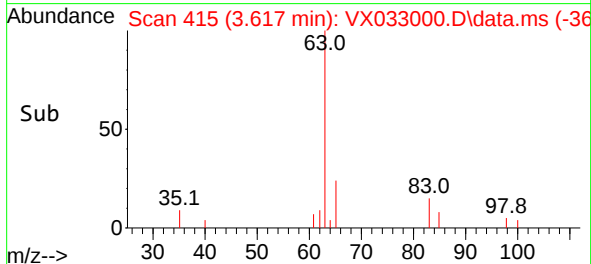
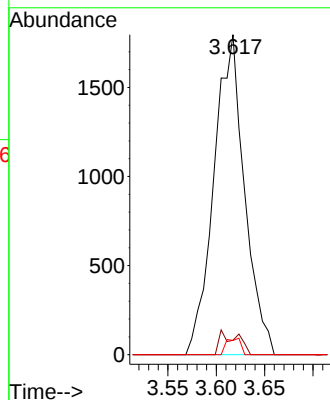
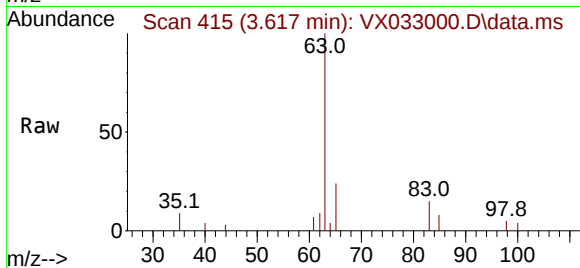




#24
 1,1-Dichloroethane
 Concen: 2.028 ug/l
 RT: 3.617 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX033000.D
 Acq: 22 Nov 2022 23:45

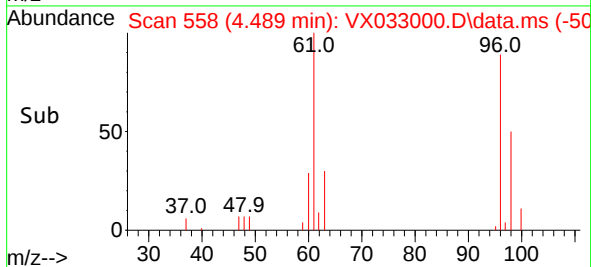
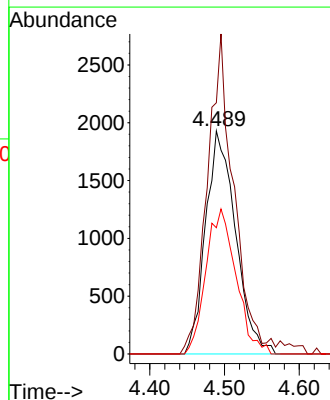
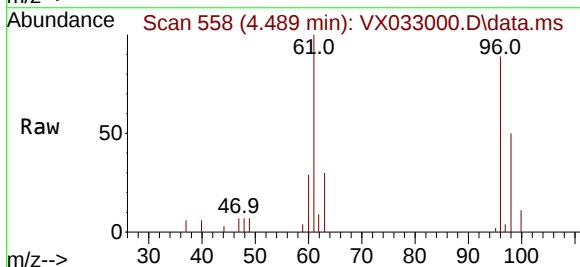
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20221118

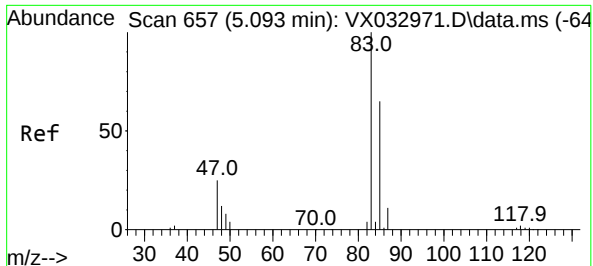
Tgt Ion: 63 Resp: 3957
 Ion Ratio Lower Upper
 63 100
 98 4.5 3.5 10.4
 100 4.5 2.3 6.8



#27
 cis-1,2-Dichloroethene
 Concen: 4.259 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX033000.D
 Acq: 22 Nov 2022 23:45

Tgt Ion: 96 Resp: 5368
 Ion Ratio Lower Upper
 96 100
 61 125.4 0.0 286.0
 98 65.6 0.0 129.6





#30

Chloroform

Concen: 1.103 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX033000.D

Acq: 22 Nov 2022 23:45

Instrument :

MSVOA_X

ClientSampleId :

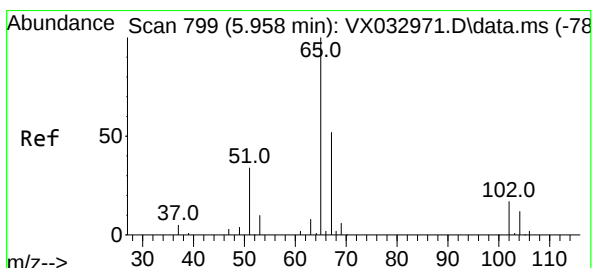
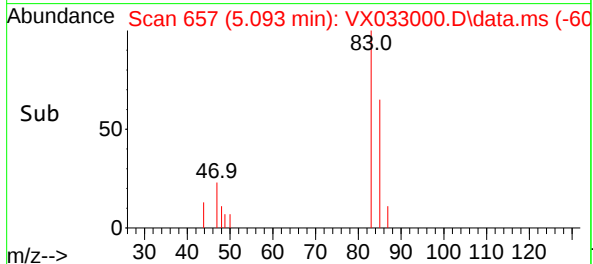
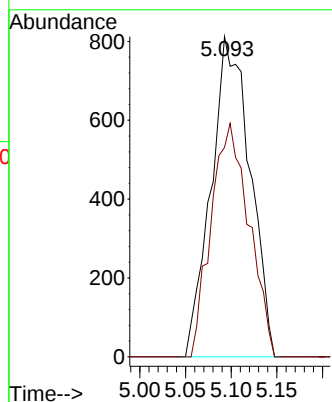
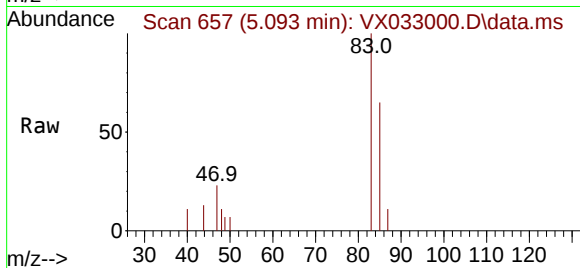
RE132D6-20221118

Tgt Ion: 83 Resp: 2410

Ion Ratio Lower Upper

83 100

85 65.4 51.1 76.7



#33

1,2-Dichloroethane-d4

Concen: 51.715 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033000.D

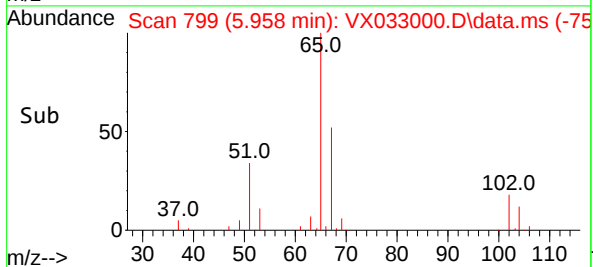
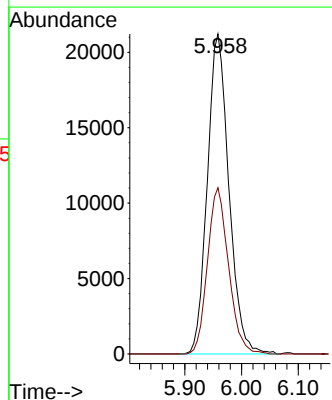
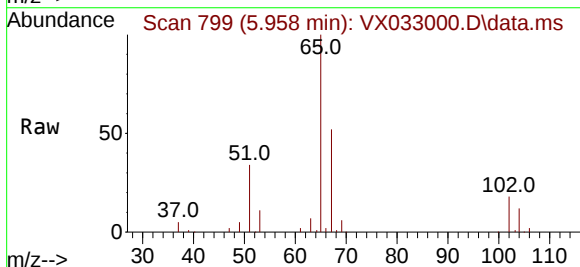
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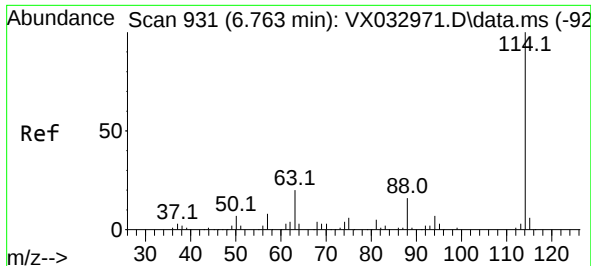
Tgt Ion: 65 Resp: 56035

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.8

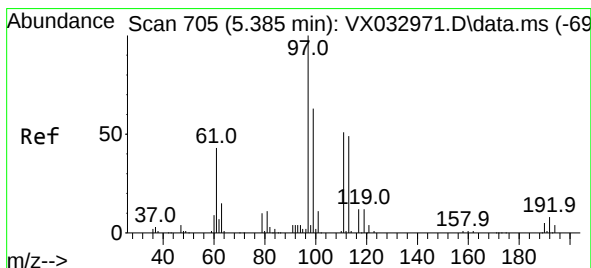
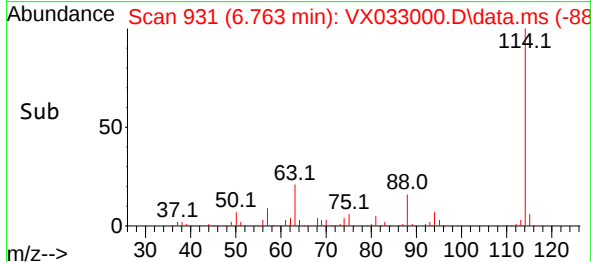
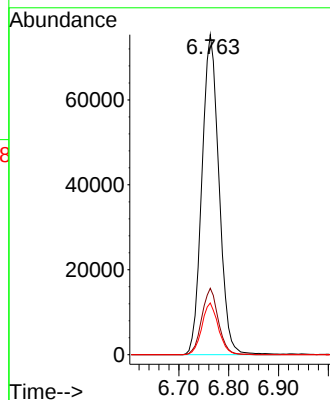
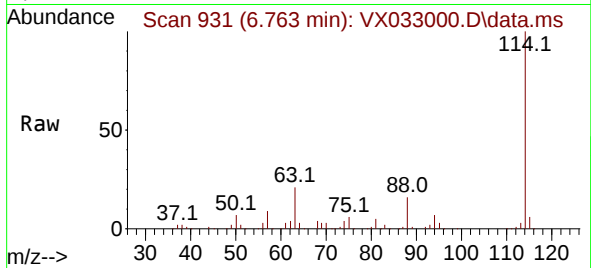




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

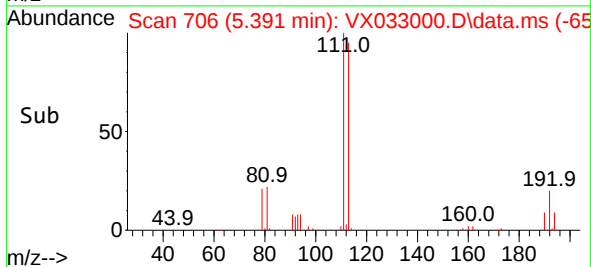
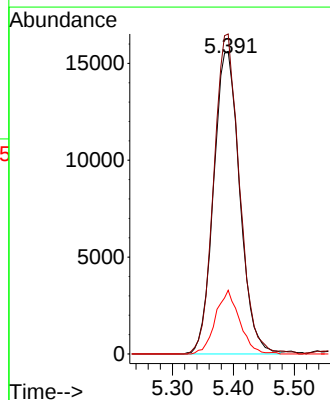
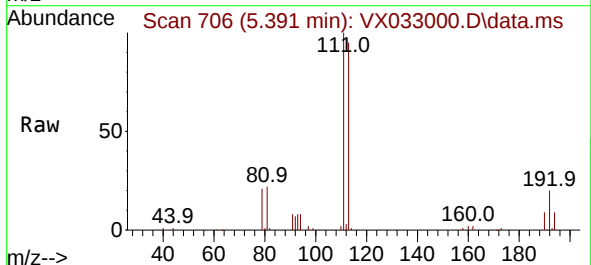
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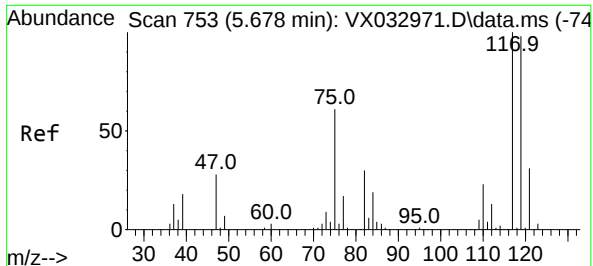
Tgt Ion:114 Resp: 179067
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.6
88 16.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.123 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion:113 Resp: 46562
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 19.4 15.4 23.2

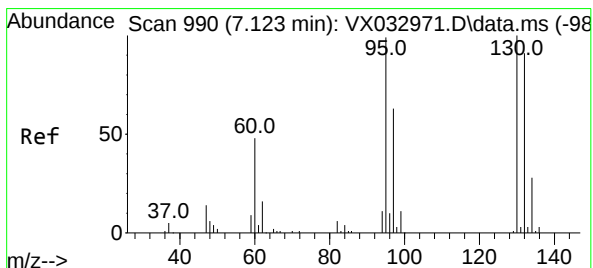
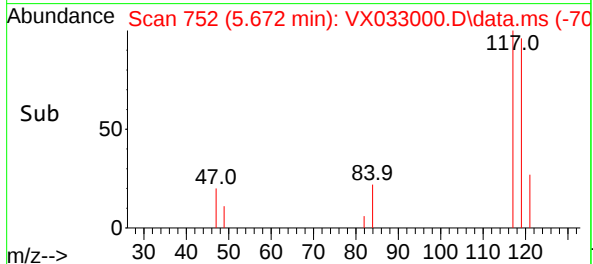
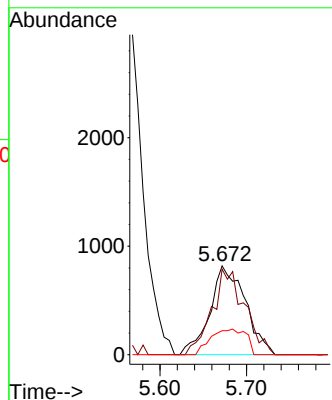
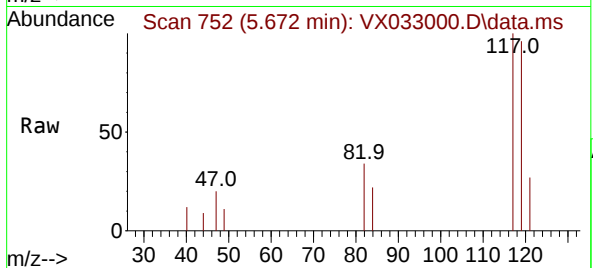




#38
Carbon Tetrachloride
Concen: 1.302 ug/l
RT: 5.672 min Scan# 753
Delta R.T. -0.012 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

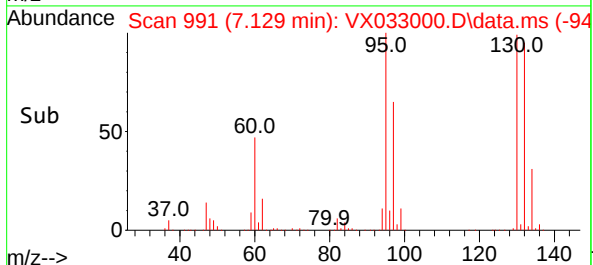
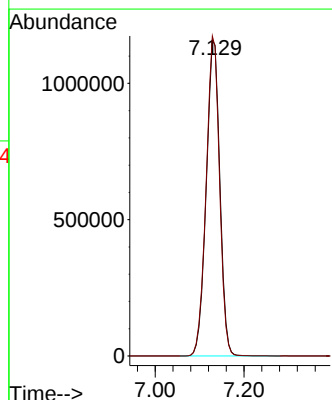
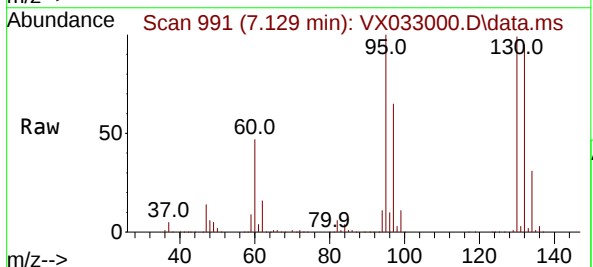
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RE132D6-20221118

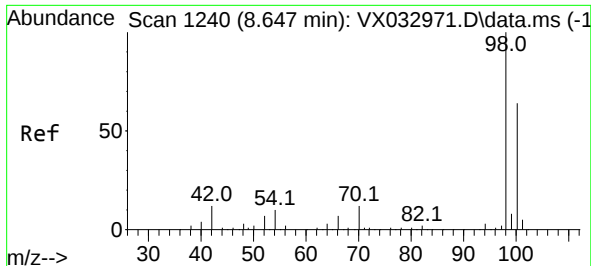
Tgt Ion:117 Resp: 2332
Ion Ratio Lower Upper
117 100
119 96.2 77.2 115.8
121 27.1 25.8 38.6



#44
Trichloroethene
Concen: 1946.659 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion:130 Resp: 2472190
Ion Ratio Lower Upper
130 100
95 101.3 0.0 195.2

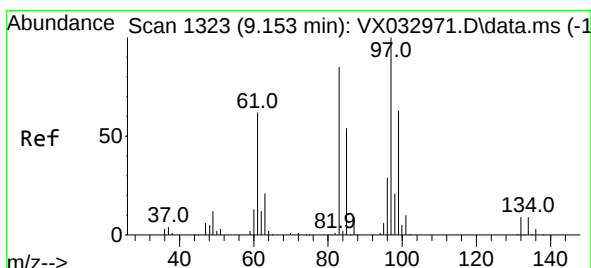
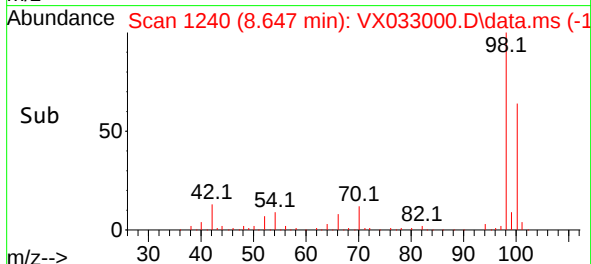
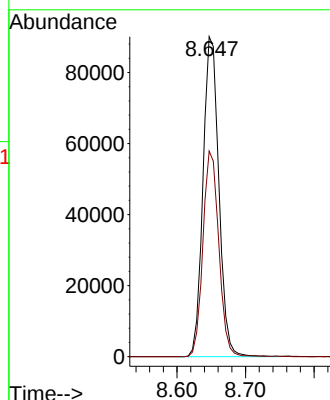
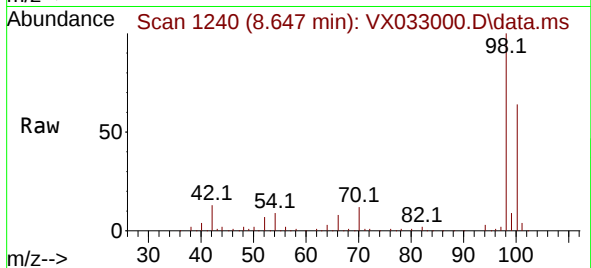




#50
Toluene-d8
Concen: 47.672 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

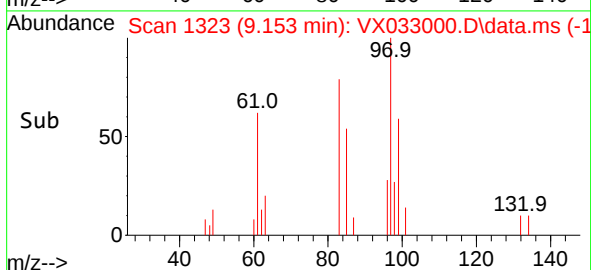
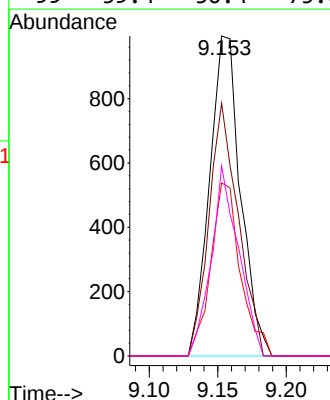
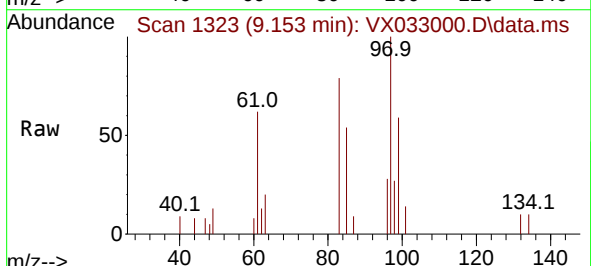
Instrument :
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RE132D6-20221118

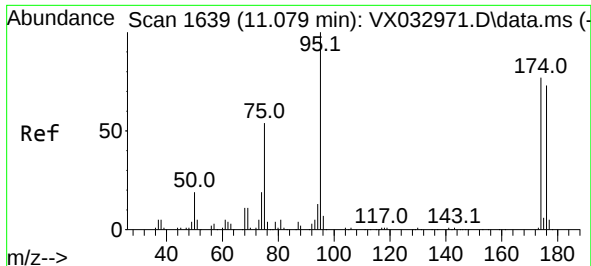
Tgt Ion: 98 Resp: 145106
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#55
1,1,2-Trichloroethane
Concen: 1.292 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion: 97 Resp: 1566
Ion Ratio Lower Upper
97 100
83 79.0 68.1 102.1
85 54.1 43.3 64.9
99 59.4 50.4 75.6





#62

4-Bromofluorobenzene

Concen: 49.427 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033000.D

Acq: 22 Nov 2022 23:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20221118

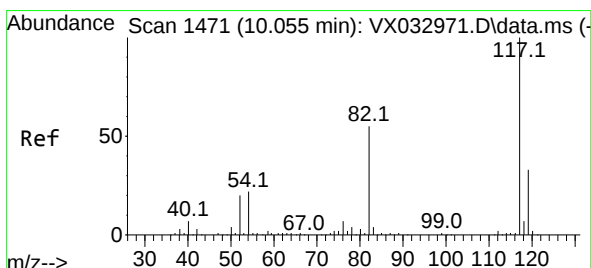
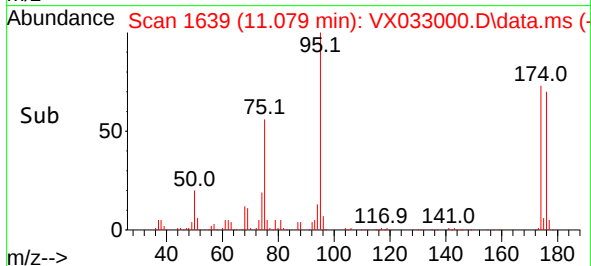
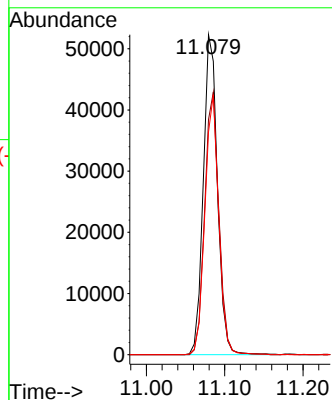
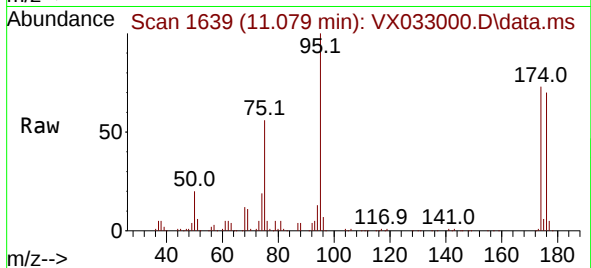
Tgt Ion: 95 Resp: 65545

Ion Ratio Lower Upper

95 100

174 82.6 0.0 164.0

176 79.7 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033000.D

Acq: 22 Nov 2022 23:45

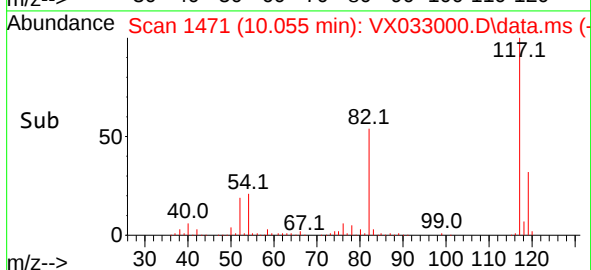
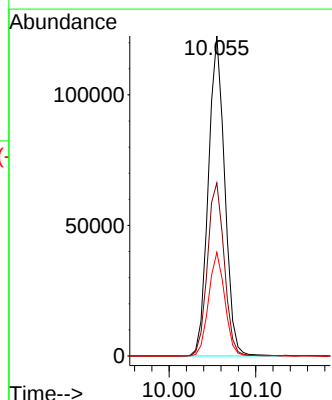
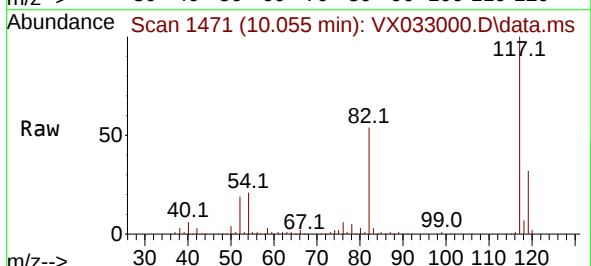
Tgt Ion: 117 Resp: 160794

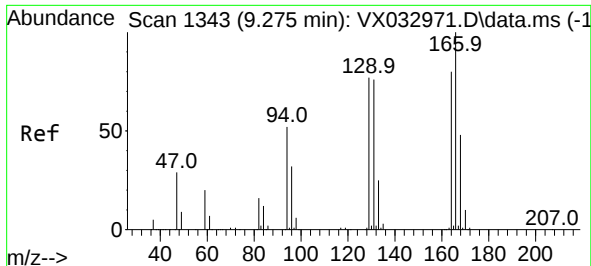
Ion Ratio Lower Upper

117 100

82 54.1 44.3 66.5

119 32.4 25.7 38.5

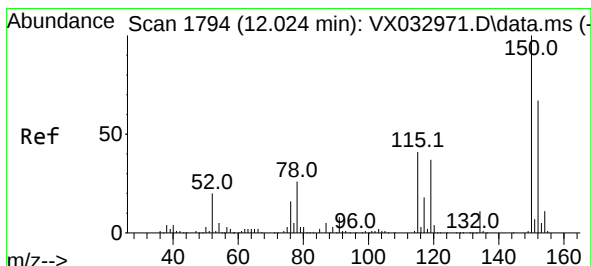
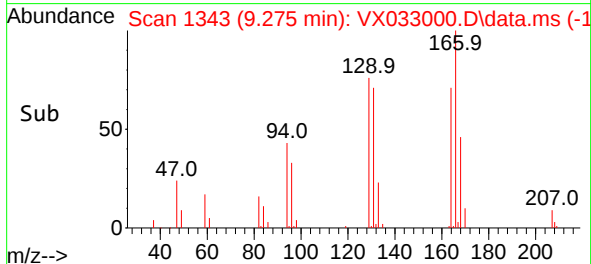
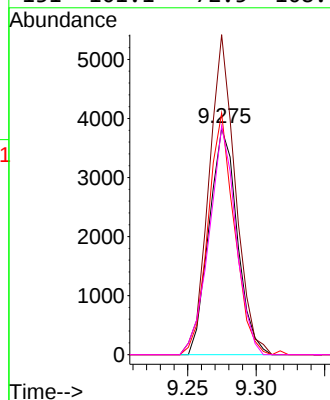
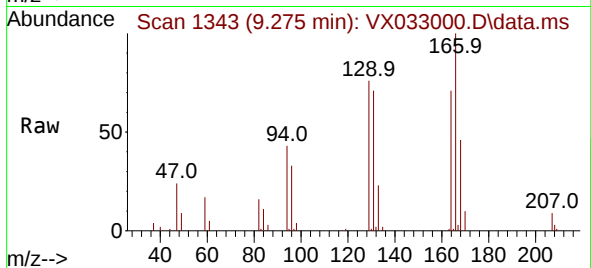




#64
Tetrachloroethene
Concen: 4.801 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20221118

Tgt Ion:	164	Resp:	5464
Ion	Ratio	Lower	Upper
164	100		
166	141.4	105.4	158.2
129	106.8	78.2	117.2
131	101.1	72.5	108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion:	152	Resp:	73419
Ion	Ratio	Lower	Upper
152	100		
115	60.5	44.0	132.0
150	157.3	0.0	351.8

