

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040465.D
 Acq On : 26 Feb 2024 17:02
 Operator : JC/MD
 Sample : P1578-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20240222

Quant Time: Feb 27 05:11:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

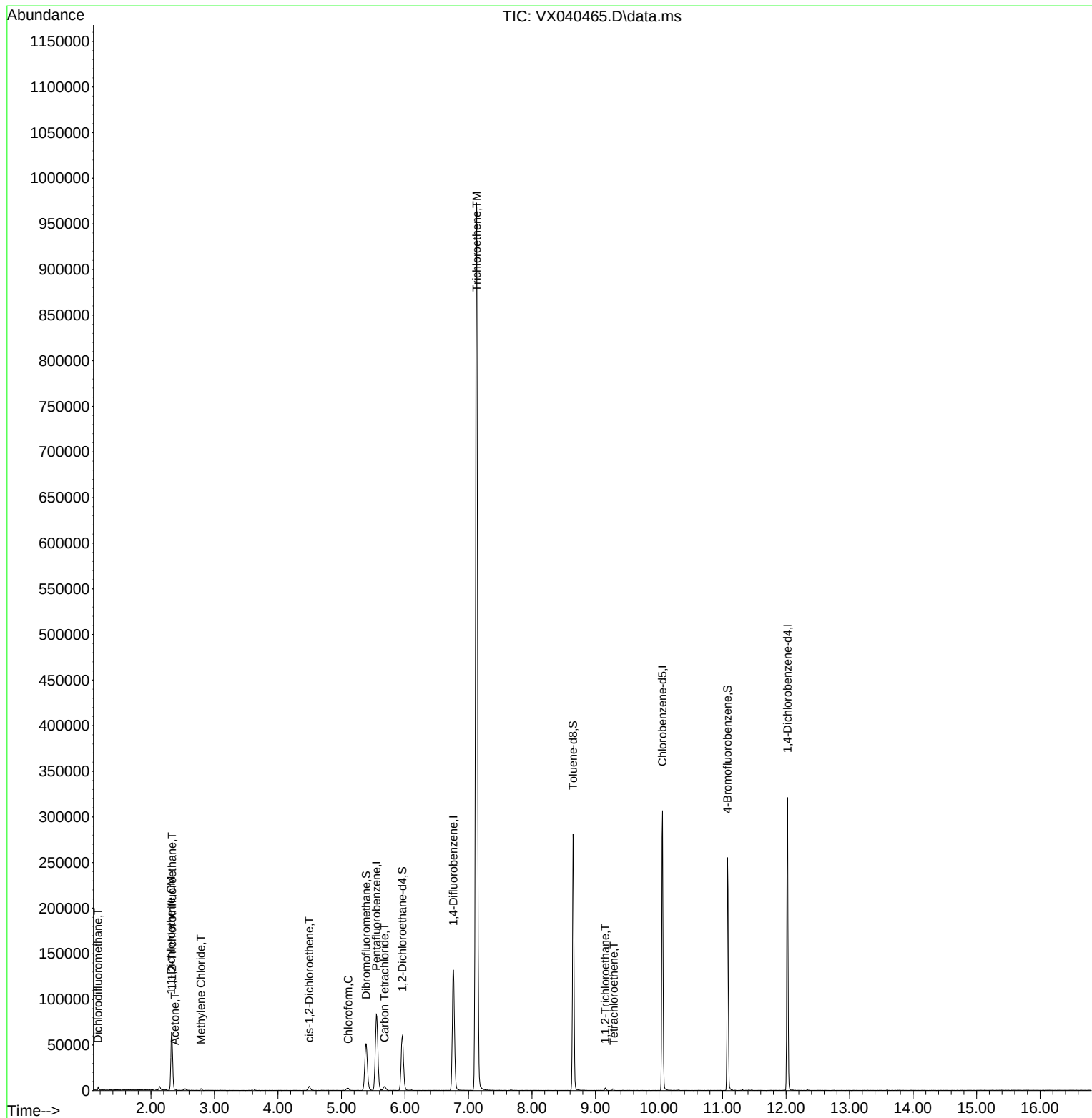
Internal Standards						
1) Pentafluorobenzene	5.550	168	71302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127758	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59980	50.295	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.580%	
35) Dibromofluoromethane	5.385	113	43137	48.555	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.100%	
50) Toluene-d8	8.647	98	161943	50.217	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	11.079	95	63405	51.579	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.160%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1421	1.601	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	18634	23.029	ug/l	99
12) 1,1-Dichloroethene	2.319	96	7197	8.859	ug/l	92
16) Acetone	2.380	43	1200	3.085	ug/l	99
20) Methylene Chloride	2.788	84	757	0.813	ug/l #	79
27) cis-1,2-Dichloroethene	4.489	96	2542	2.508	ug/l	87
30) Chloroform	5.105	83	3227	1.825	ug/l	91
38) Carbon Tetrachloride	5.678	117	3601	2.723	ug/l #	87
44) Trichloroethene	7.129	130	352834	354.023	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	912	0.966	ug/l #	80
64) Tetrachloroethene	9.287	164	299	0.335	ug/l #	62

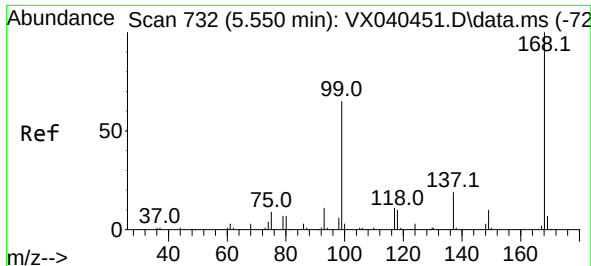
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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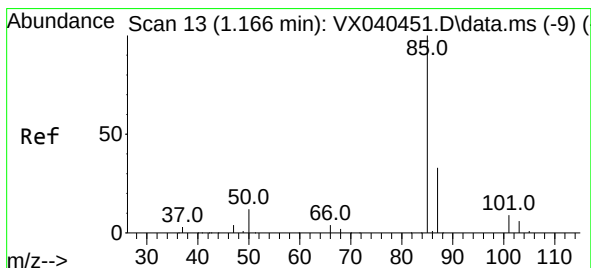
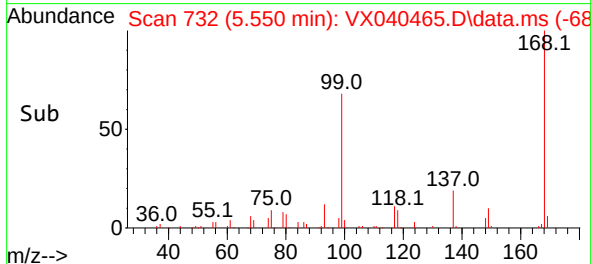
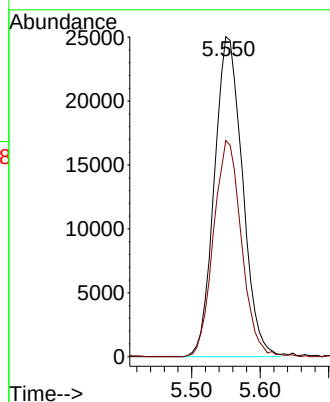
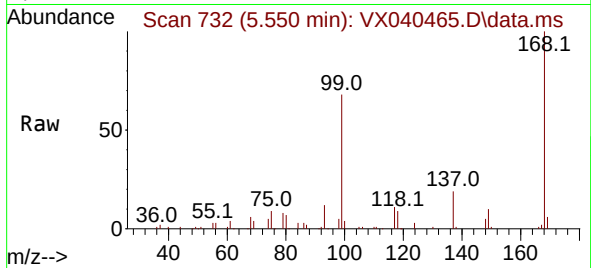




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040465.D
Acq: 26 Feb 2024 17:02

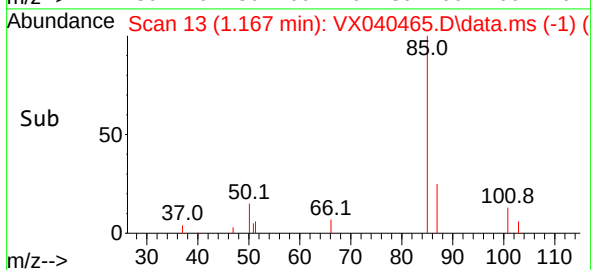
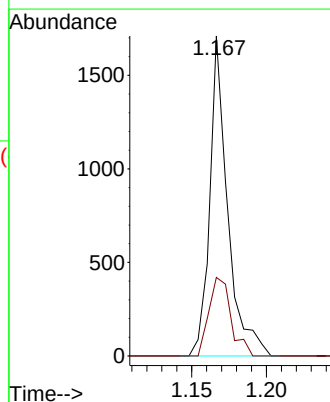
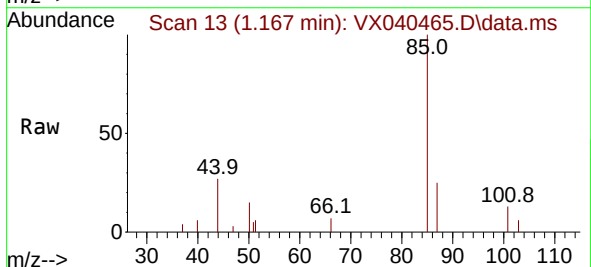
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20240222

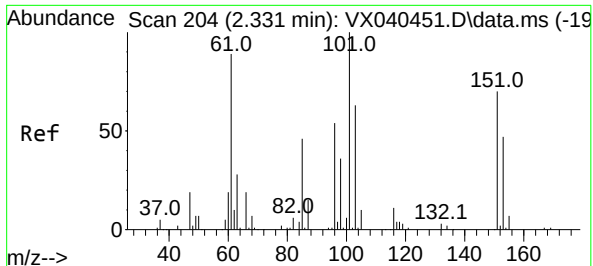
Tgt Ion:168 Resp: 71302
Ion Ratio Lower Upper
168 100
99 67.5 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 1.601 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040465.D
Acq: 26 Feb 2024 17:02

Tgt Ion: 85 Resp: 1421
Ion Ratio Lower Upper
85 100
87 24.6 16.7 50.1

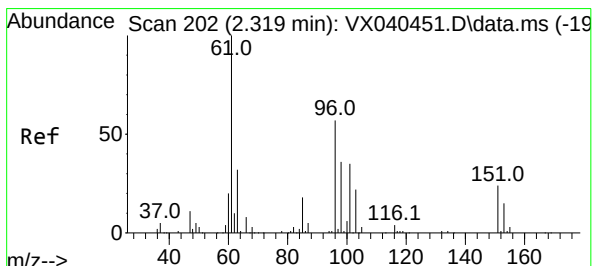
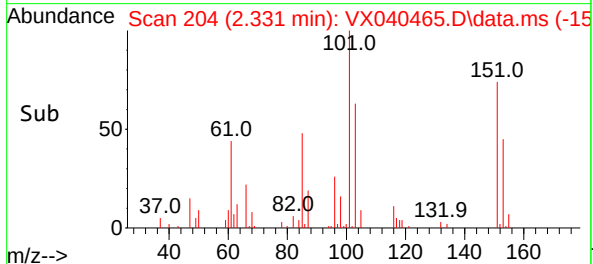
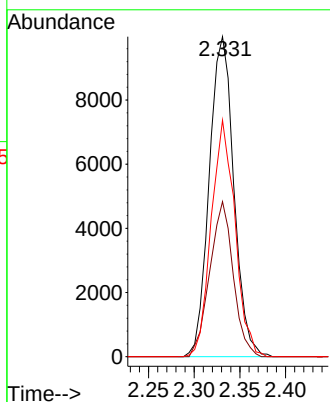
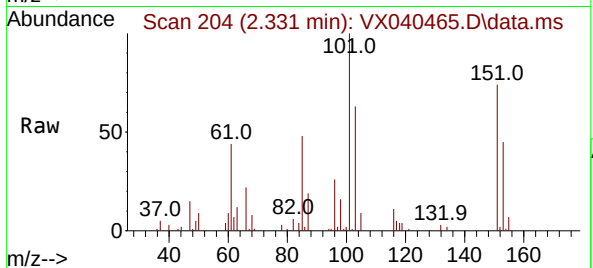




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.029 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040465.D
Acq: 26 Feb 2024 17:02

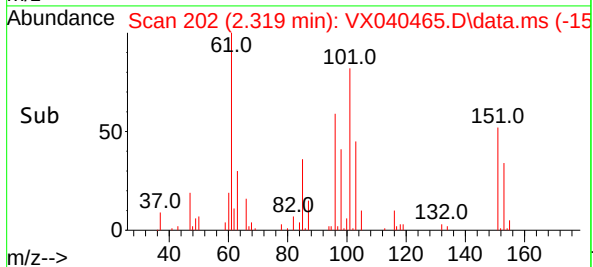
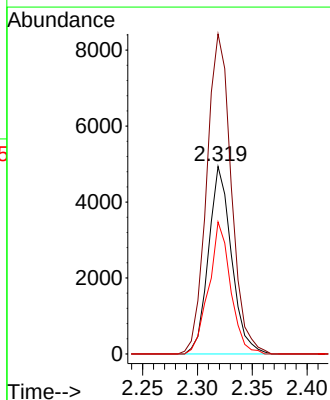
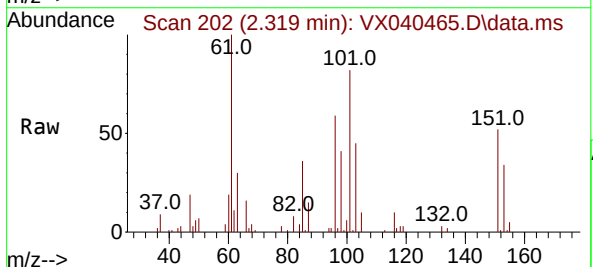
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20240222

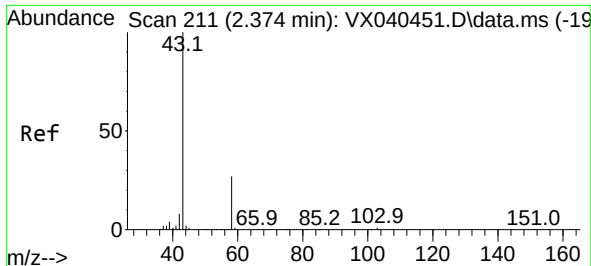
Tgt Ion:101 Resp: 18634
Ion Ratio Lower Upper
101 100
85 46.2 37.0 55.6
151 71.6 58.6 87.8



#12
1,1-Dichloroethene
Concen: 8.859 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040465.D
Acq: 26 Feb 2024 17:02

Tgt Ion: 96 Resp: 7197
Ion Ratio Lower Upper
96 100
61 170.6 144.6 216.8
98 70.4 50.4 75.6





#16

Acetone

Concen: 3.085 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX040465.D

Acq: 26 Feb 2024 17:02

Instrument :

MSVOA_X

ClientSampleId :

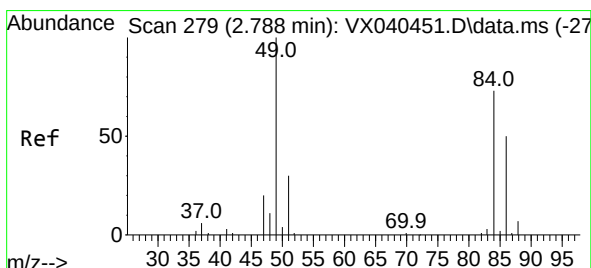
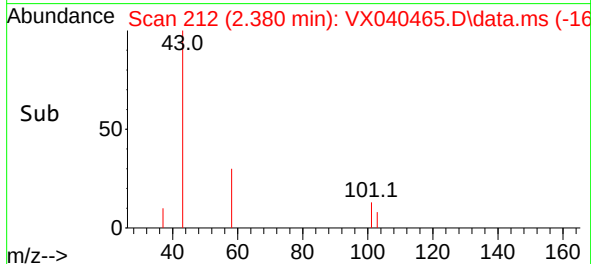
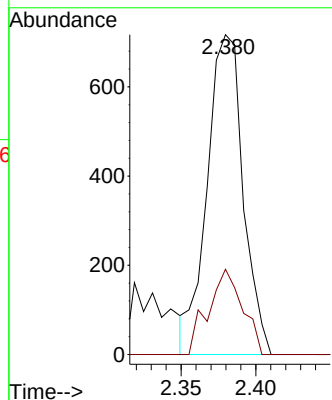
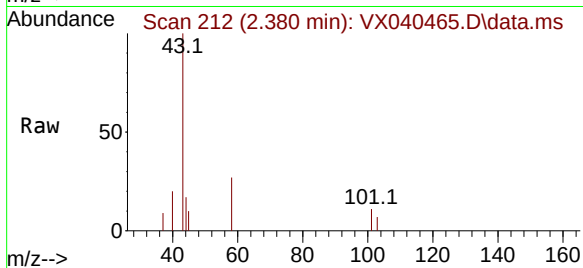
RE115D1-20240222

Tgt Ion: 43 Resp: 1200

Ion Ratio Lower Upper

43 100

58 26.6 21.9 32.9



#20

Methylene Chloride

Concen: 0.813 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040465.D

Acq: 26 Feb 2024 17:02

Tgt Ion: 84 Resp: 757

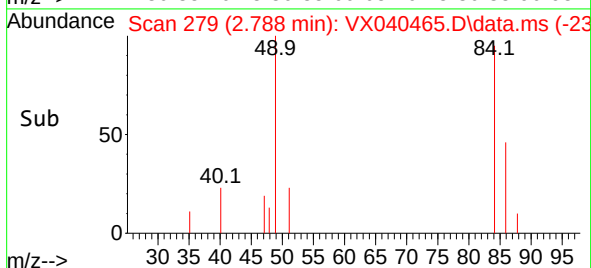
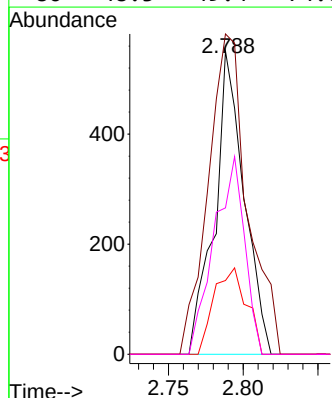
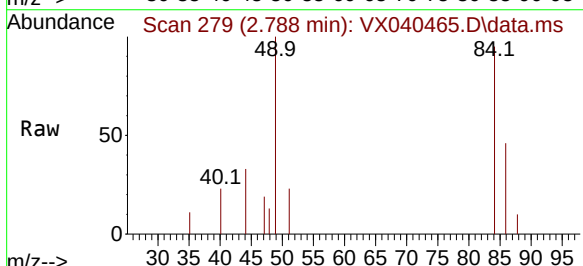
Ion Ratio Lower Upper

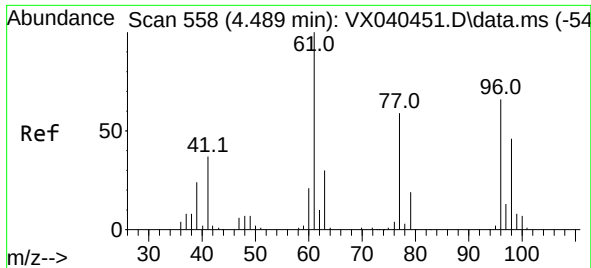
84 100

49 105.6 103.6 155.4

51 24.3 33.8 50.6#

86 48.3 49.4 74.0#

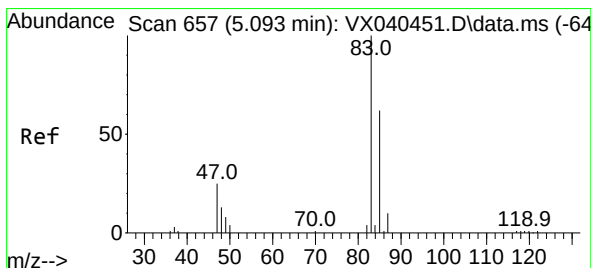
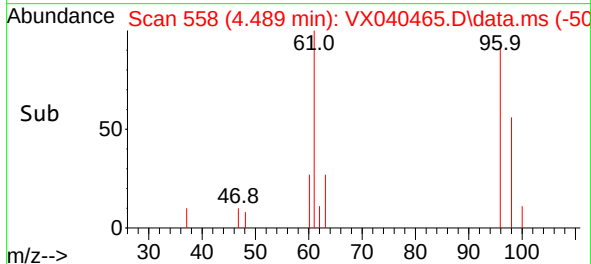
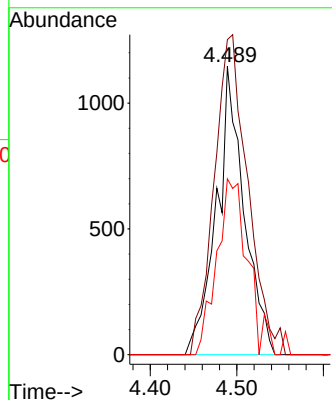
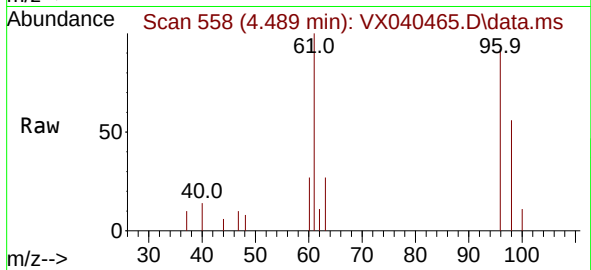




#27
 cis-1,2-Dichloroethene
 Concen: 2.508 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX040465.D
 Acq: 26 Feb 2024 17:02

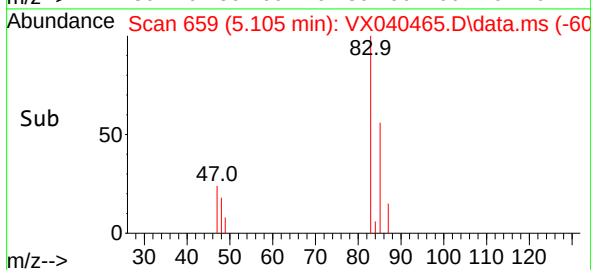
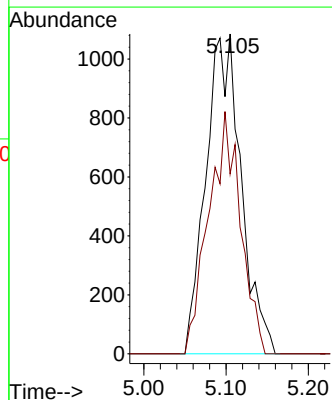
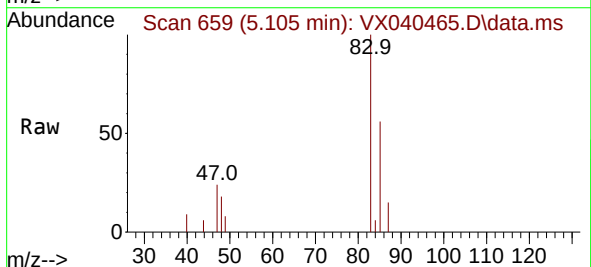
Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20240222

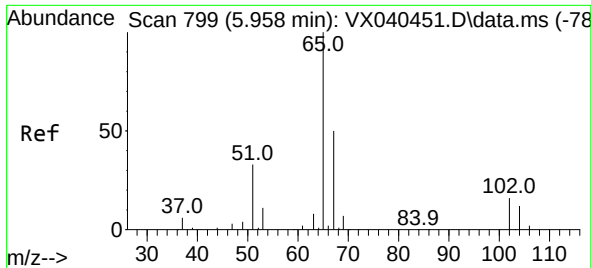
Tgt Ion: 96	Resp: 2542		
Ion	Ratio	Lower	Upper
96	100		
61	134.9	0.0	312.2
98	68.2	0.0	129.0



#30
 Chloroform
 Concen: 1.825 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. 0.012 min
 Lab File: VX040465.D
 Acq: 26 Feb 2024 17:02

Tgt Ion: 83	Resp: 3227		
Ion Ratio	Lower	Upper	
83 100			
85 56.2	50.3	75.5	

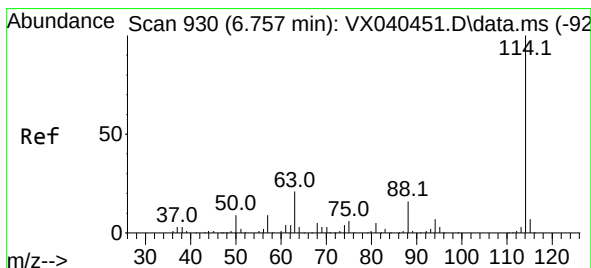
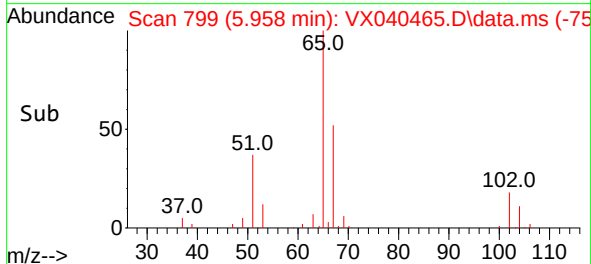
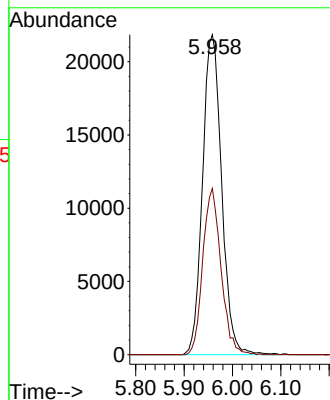
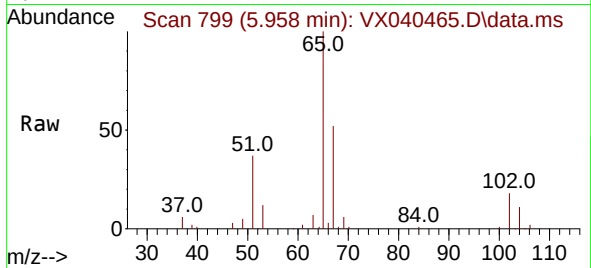




#33
 1,2-Dichloroethane-d4
 Concen: 50.295 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX040465.D
 Acq: 26 Feb 2024 17:02

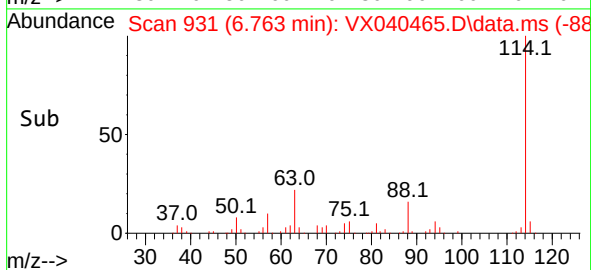
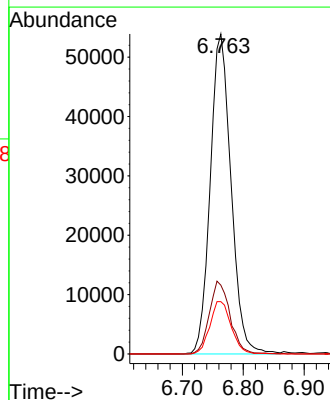
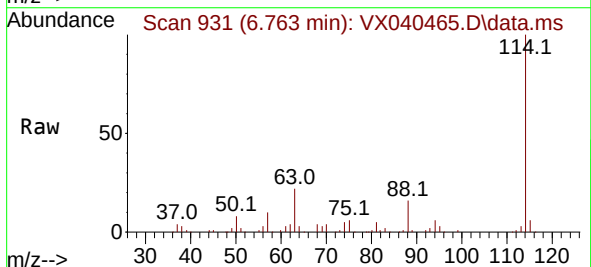
Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20240222

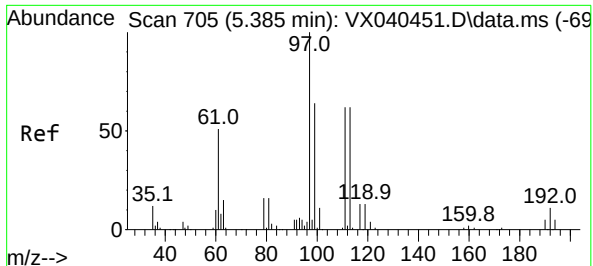
Tgt Ion: 65 Resp: 59980
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX040465.D
 Acq: 26 Feb 2024 17:02

Tgt Ion: 114 Resp: 127758
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.0
 88 16.3 0.0 36.6

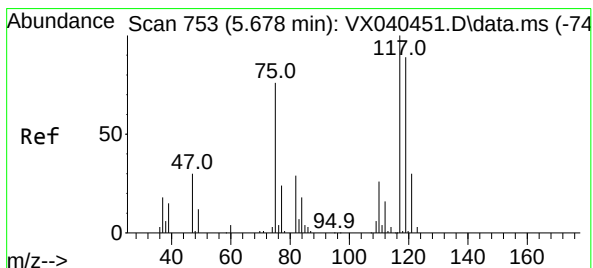
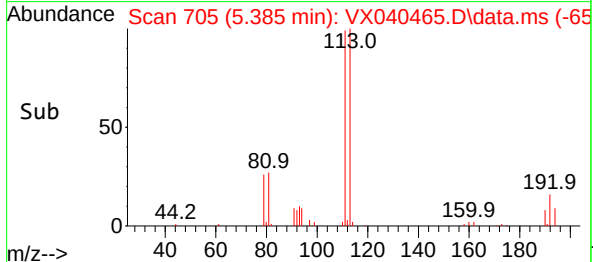
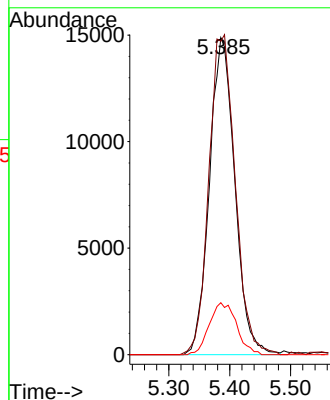
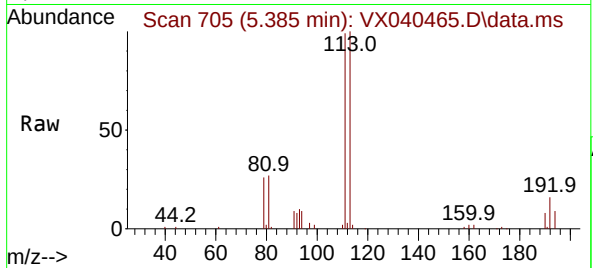




#35
Dibromofluoromethane
Concen: 48.555 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040465.D
Acq: 26 Feb 2024 17:02

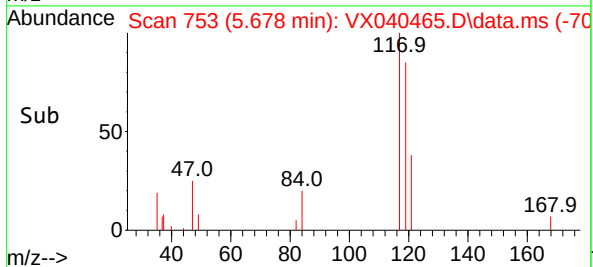
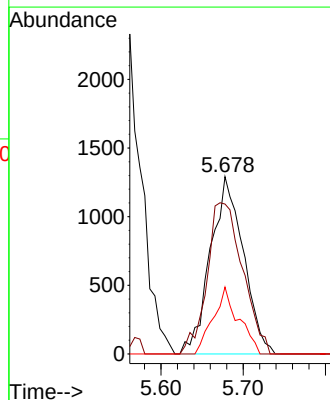
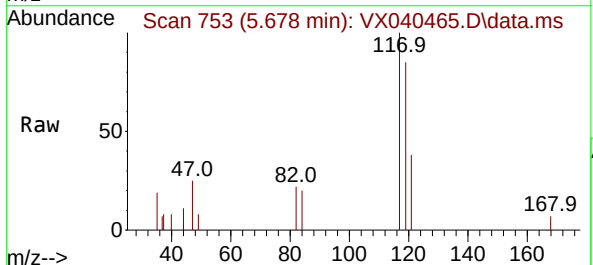
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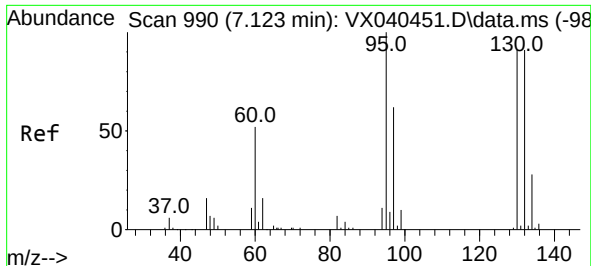
Tgt Ion:113 Resp: 43137
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 17.6 13.3 19.9



#38
Carbon Tetrachloride
Concen: 2.723 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040465.D
Acq: 26 Feb 2024 17:02

Tgt Ion:117 Resp: 3601
Ion Ratio Lower Upper
117 100
119 84.6 78.2 117.2
121 37.7 24.4 36.6#

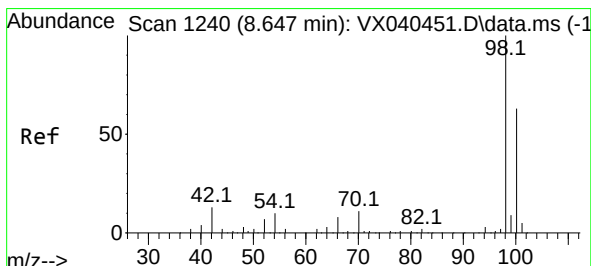
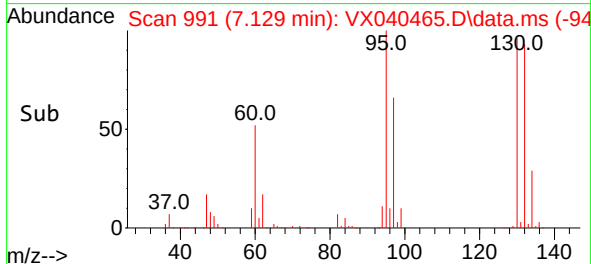
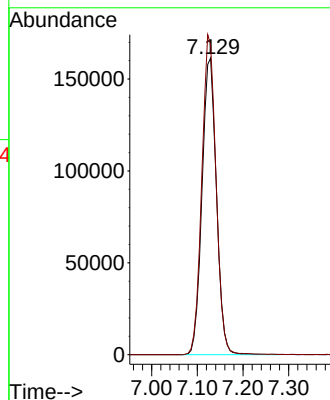
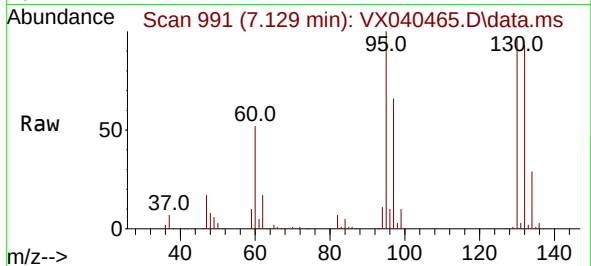




#44
Trichloroethene
Concen: 354.023 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040465.D
Acq: 26 Feb 2024 17:02

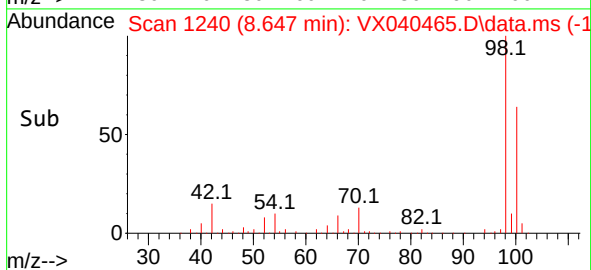
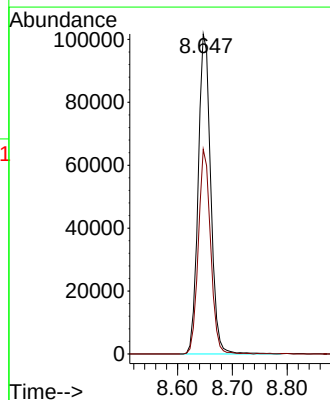
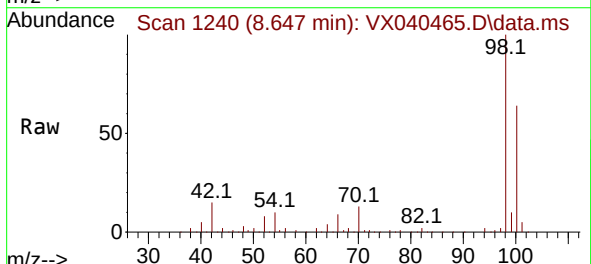
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RE115D1-20240222

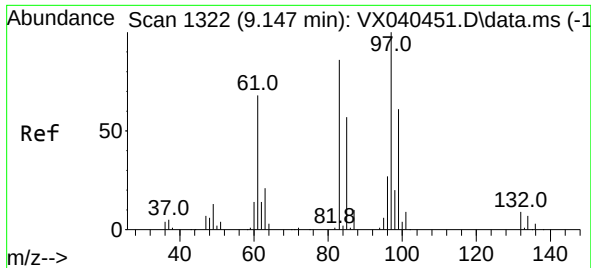
Tgt Ion:130 Resp: 352834
Ion Ratio Lower Upper
130 100
95 104.5 0.0 204.4



#50
Toluene-d8
Concen: 50.217 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040465.D
Acq: 26 Feb 2024 17:02

Tgt Ion: 98 Resp: 161943
Ion Ratio Lower Upper
98 100
100 62.5 53.1 79.7

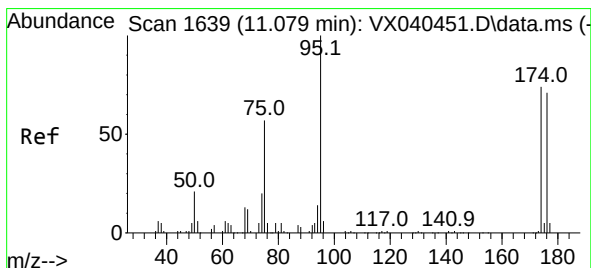
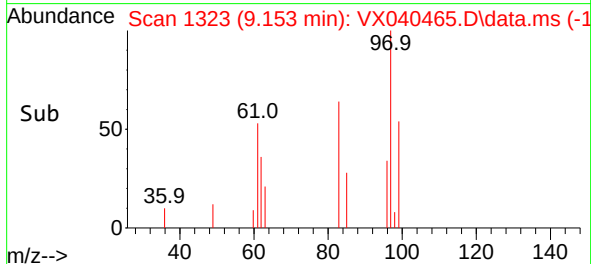
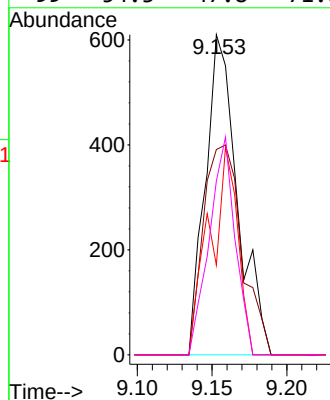
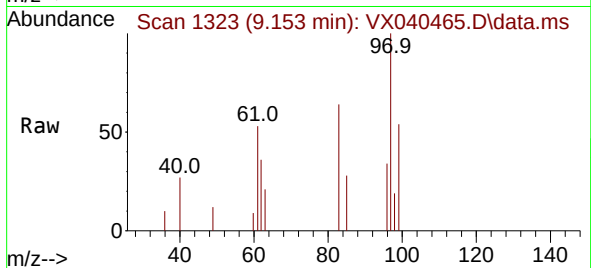




#55
1,1,2-Trichloroethane
Concen: 0.966 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040465.D
Acq: 26 Feb 2024 17:02

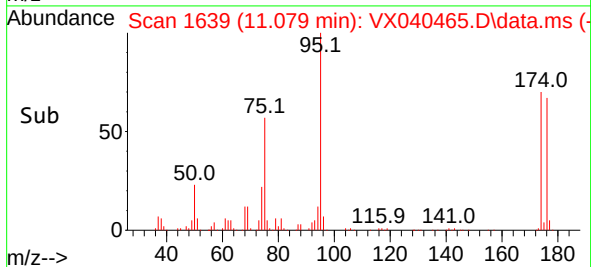
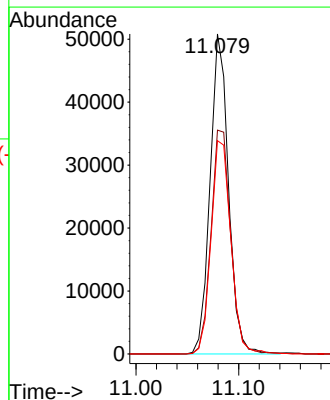
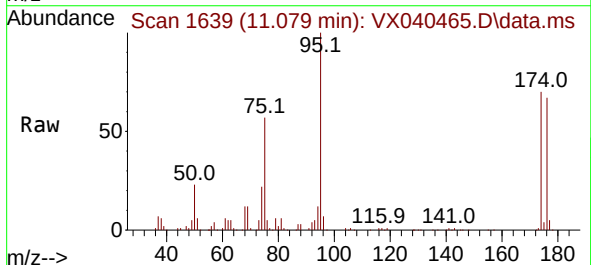
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20240222

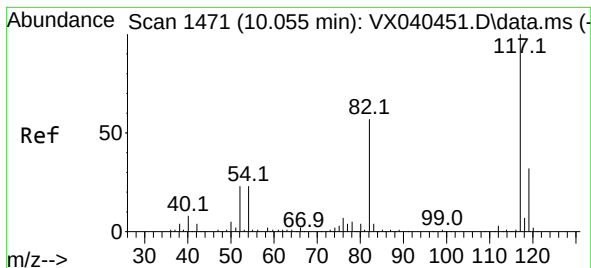
Tgt Ion: 97	Resp:	912
Ion	Ratio	Lower Upper
97	100	
83	64.1	65.8 98.8#
85	28.0	41.6 62.4#
99	54.3	47.8 71.8



#62
4-Bromofluorobenzene
Concen: 51.579 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040465.D
Acq: 26 Feb 2024 17:02

Tgt Ion: 95	Resp:	63405
Ion	Ratio	Lower Upper
95	100	
174	74.9	0.0 135.6
176	71.7	0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040465.D

Acq: 26 Feb 2024 17:02

Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20240222

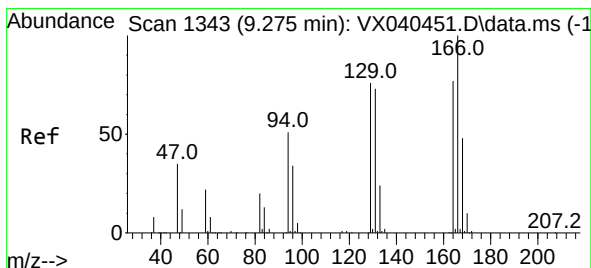
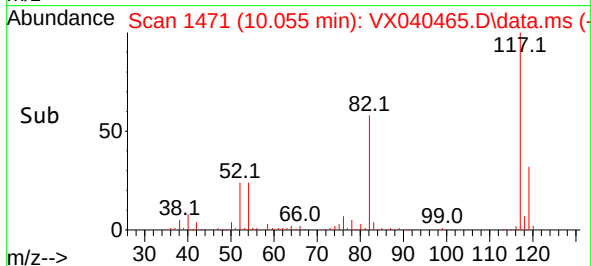
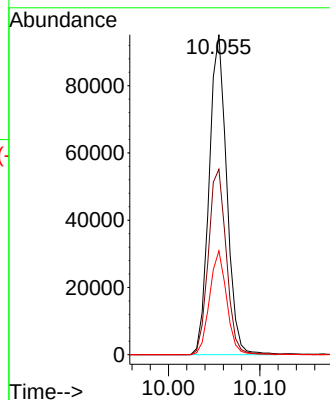
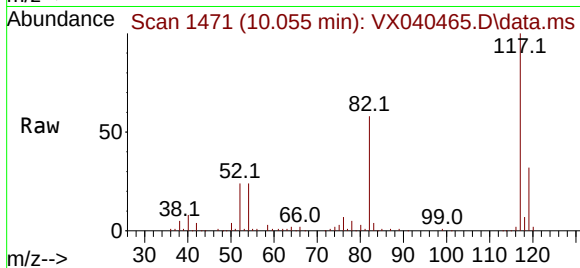
Tgt Ion:117 Resp: 126948

Ion Ratio Lower Upper

117 100

82 57.9 46.2 69.4

119 32.4 25.5 38.3



#64

Tetrachloroethene

Concen: 0.335 ug/l

RT: 9.287 min Scan# 1345

Delta R.T. 0.012 min

Lab File: VX040465.D

Acq: 26 Feb 2024 17:02

Tgt Ion:164 Resp: 299

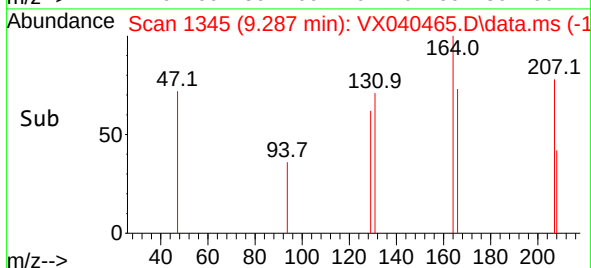
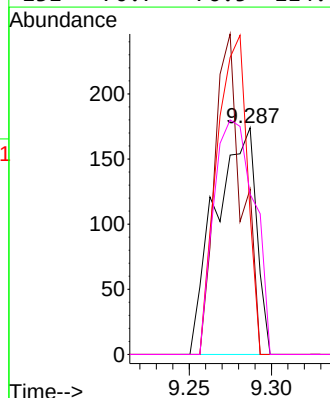
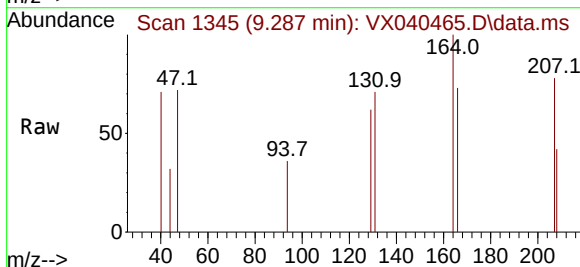
Ion Ratio Lower Upper

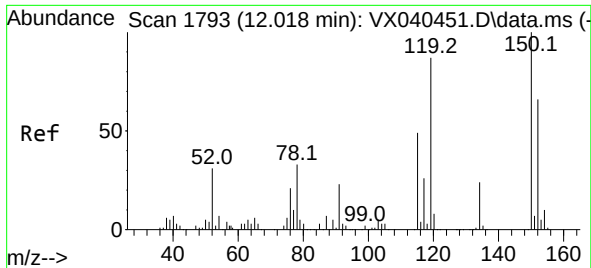
164 100

166 73.0 102.7 154.1#

129 62.1 80.4 120.6#

131 70.7 76.5 114.7#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040465.D
 Acq: 26 Feb 2024 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20240222

Tgt Ion:152 Resp: 63531
 Ion Ratio Lower Upper
 152 100
 115 63.6 43.3 129.9
 150 158.0 0.0 345.0

