

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044942.D
 Acq On : 12 Feb 2025 18:39
 Operator : JC/MD
 Sample : Q1356-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CARBON-FB

Quant Time: Feb 13 00:53:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	81511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	153493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61695	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66824	56.005	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.020%
35) Dibromofluoromethane	5.379	113	55866	51.478	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.960%
50) Toluene-d8	8.647	98	209142	50.964	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.920%
62) 4-Bromofluorobenzene	11.079	95	70532	50.983	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.960%

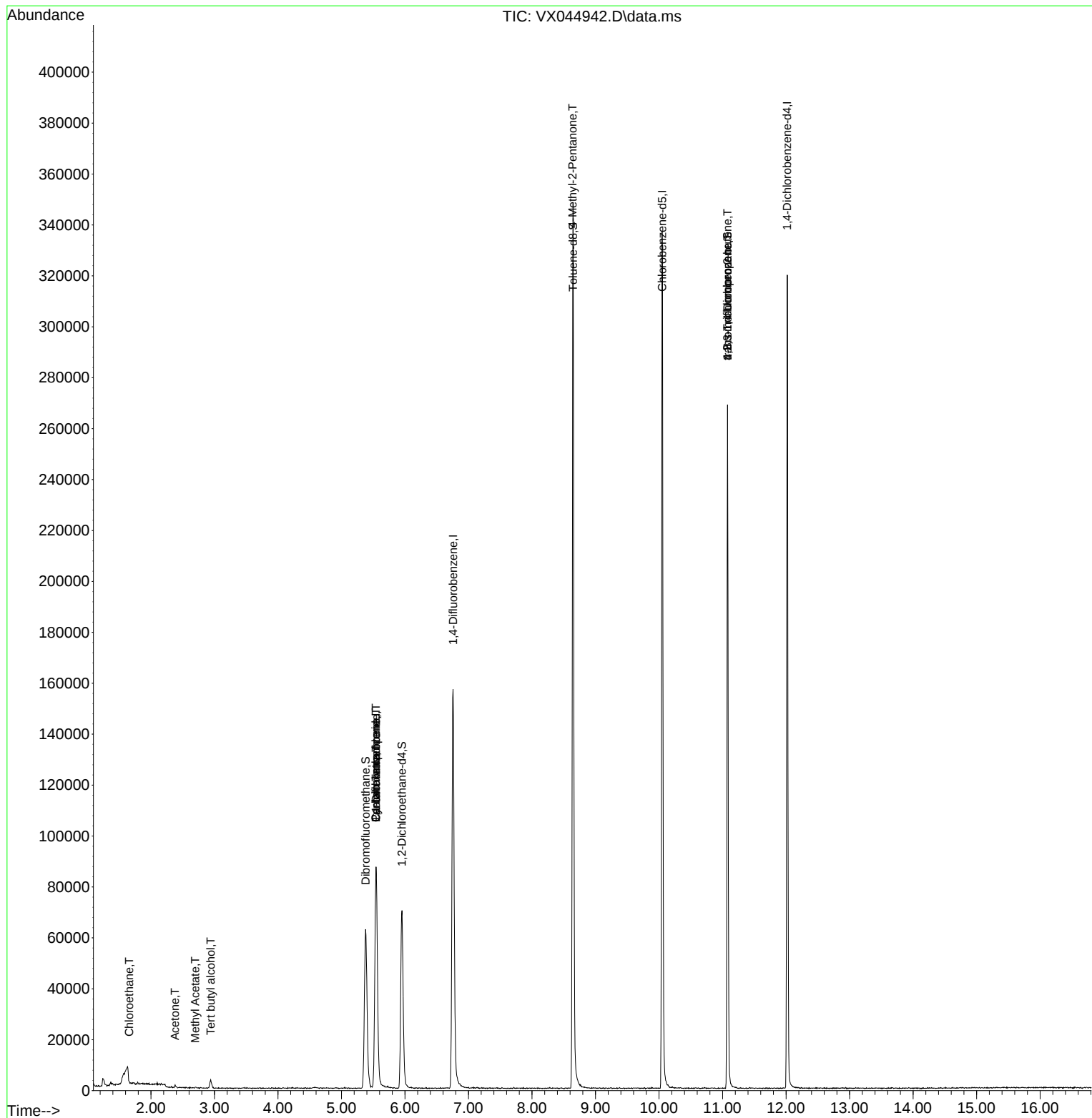
Target Compounds					Qvalue	
6) Chloroethane	1.654	64	122	1.528	ug/l #	42
11) Tert butyl alcohol	2.941	59	1791	8.091	ug/l #	73
16) Acetone	2.380	43	800	1.668	ug/l	99
18) Methyl Acetate	2.697	43	511	0.338	ug/l #	73
31) Cyclohexane	5.544	56	1984	1.071	ug/l #	33
36) 1,1-Dichloropropene	5.544	75	7445	4.755	ug/l #	49
38) Carbon Tetrachloride	5.544	117	8589	5.598	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	943	0.552	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37359	27.312	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	37359	70.256	ug/l #	11

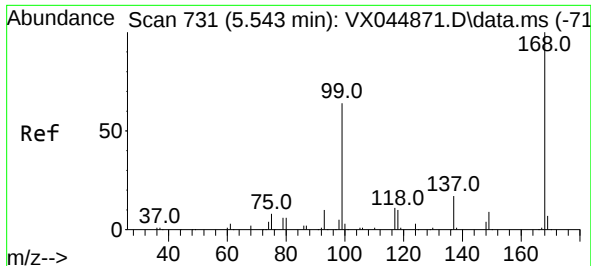
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
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Quant Time: Feb 13 00:53:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

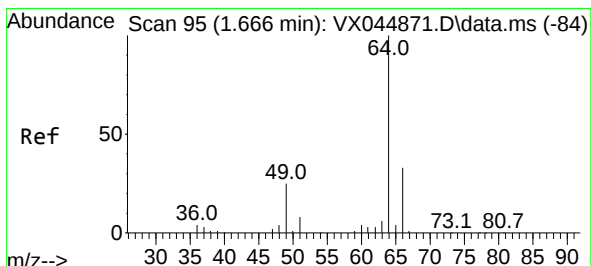
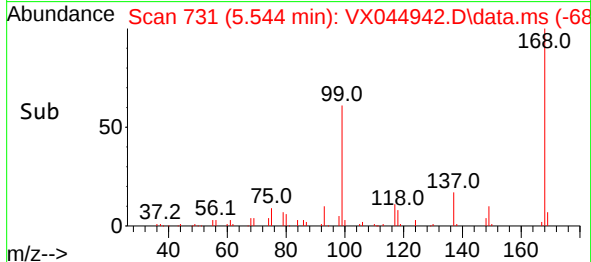
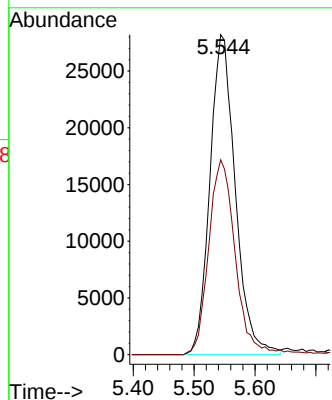
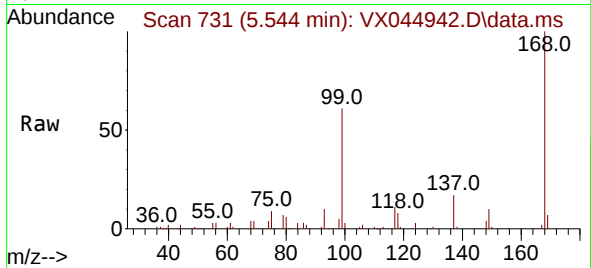




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

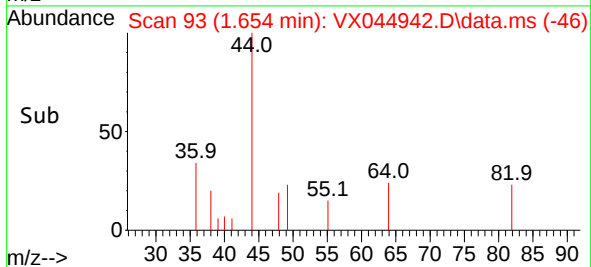
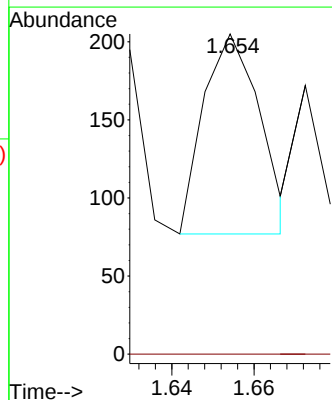
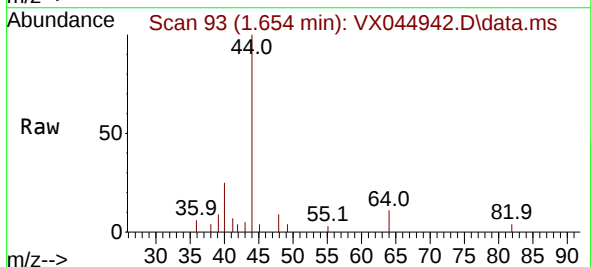
Instrument :
MSVOA_X
ClientSampleId :
CARBON-FB

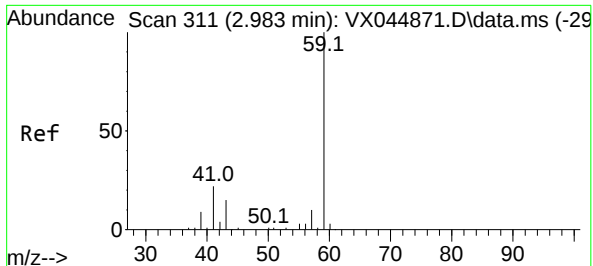
Tgt Ion:168 Resp: 81511
Ion Ratio Lower Upper
168 100
99 60.9 51.2 76.8



#6
Chloroethane
Concen: 1.528 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.012 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

Tgt Ion: 64 Resp: 122
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9





#11

Tert butyl alcohol

Concen: 8.091 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.042 min

Lab File: VX044942.D

Acq: 12 Feb 2025 18:39

Instrument :

MSVOA_X

ClientSampleId :

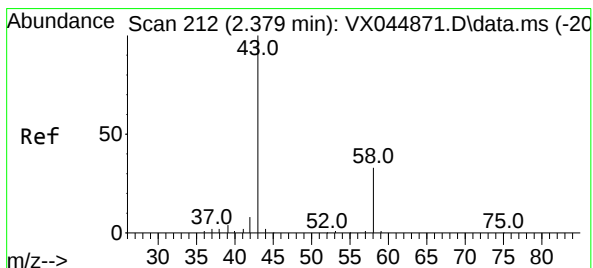
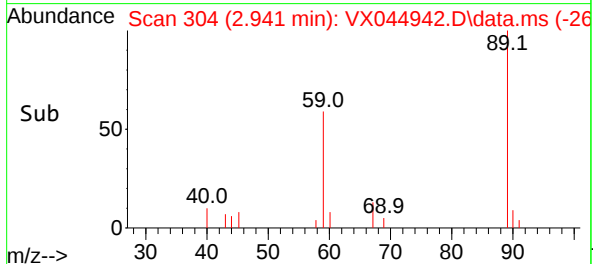
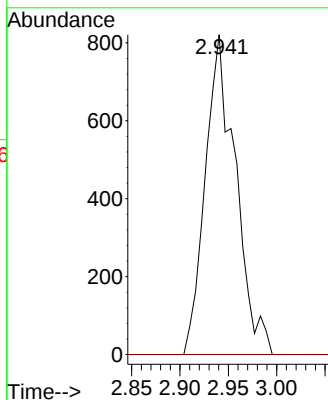
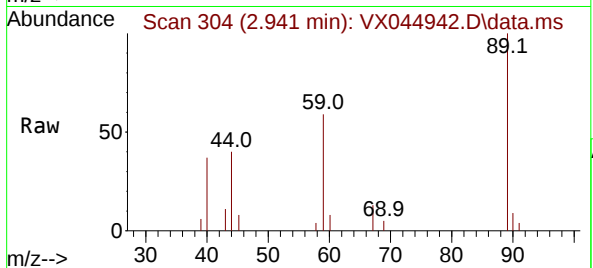
CARBON-FB

Tgt Ion: 59 Resp: 1791

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 1.668 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX044942.D

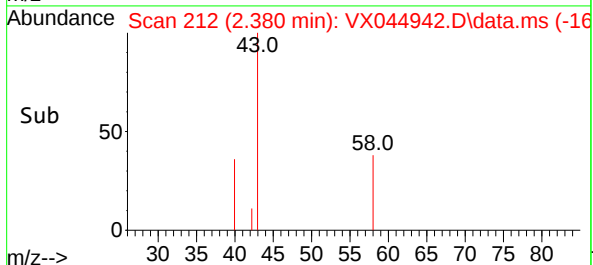
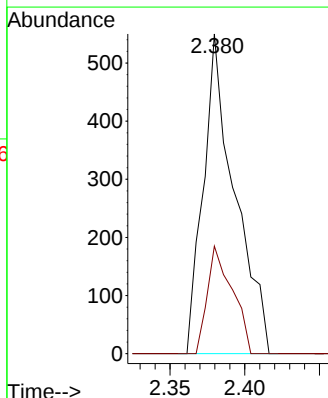
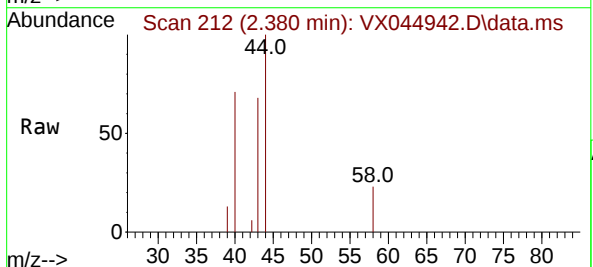
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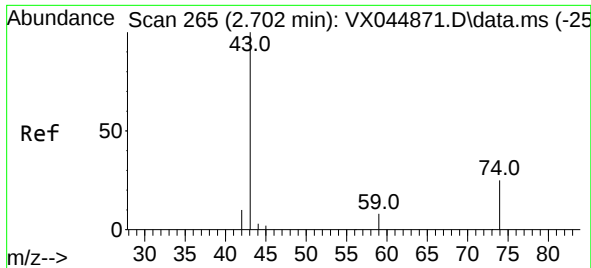
Tgt Ion: 43 Resp: 800

Ion Ratio Lower Upper

43 100

58 33.6 26.5 39.7

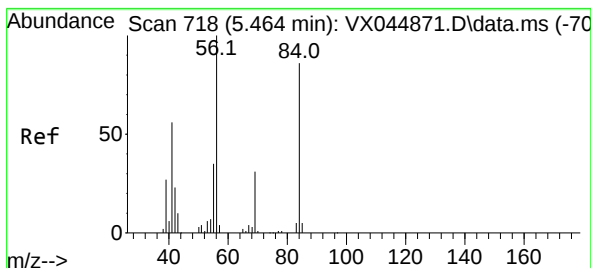
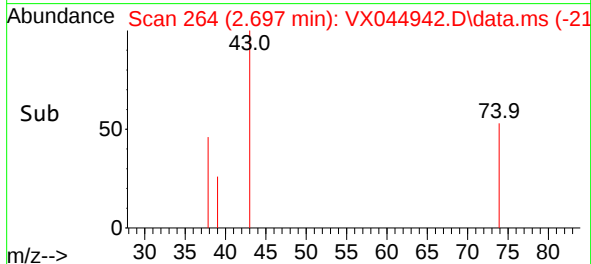
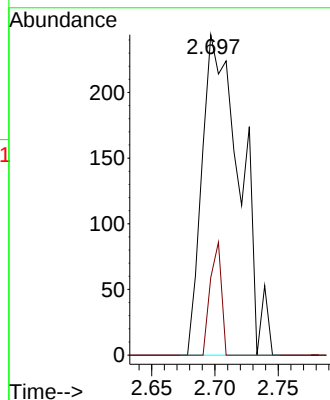
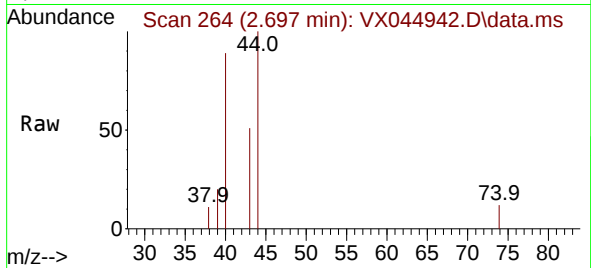




#18
Methyl Acetate
Concen: 0.338 ug/l
RT: 2.697 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

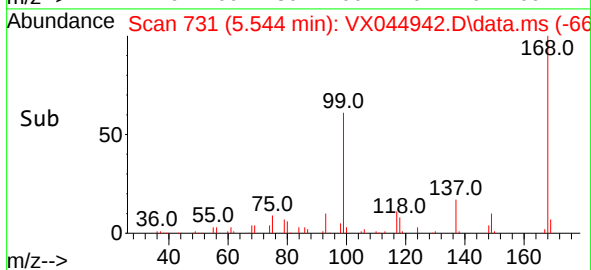
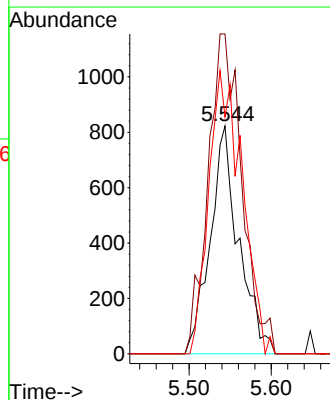
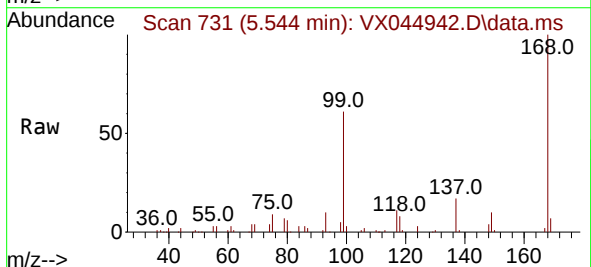
Instrument :
MSVOA_X
ClientSampleId :
CARBON-FB

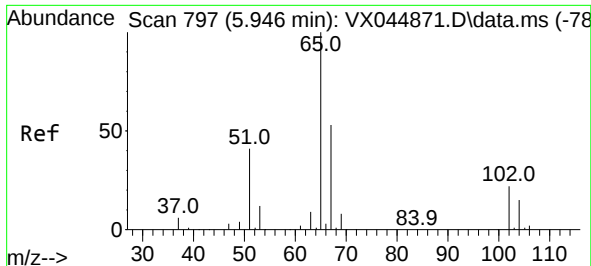
Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
74 10.4 18.9 28.3#



#31
Cyclohexane
Concen: 1.071 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.080 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

Tgt Ion: 56 Resp: 1984
Ion Ratio Lower Upper
56 100
69 140.3 24.4 36.6#
84 103.9 69.0 103.6#

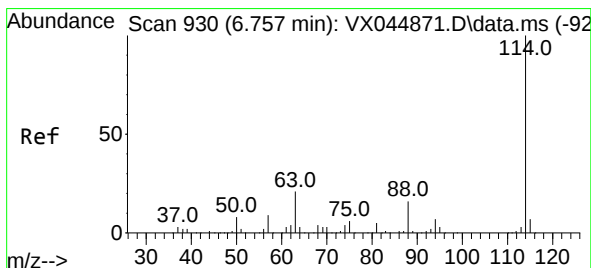
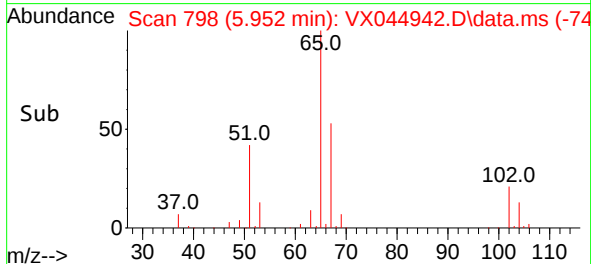
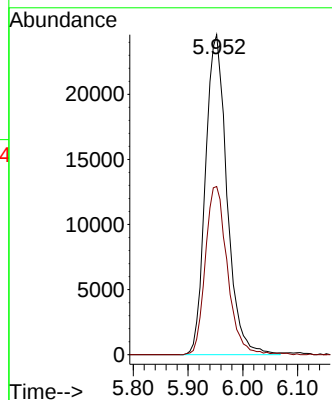
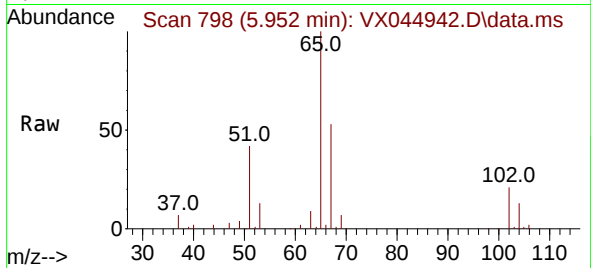




#33
 1,2-Dichloroethane-d4
 Concen: 56.005 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX044942.D
 Acq: 12 Feb 2025 18:39

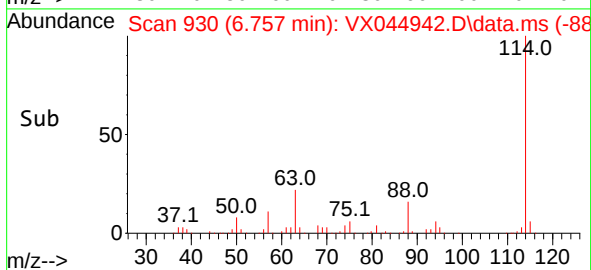
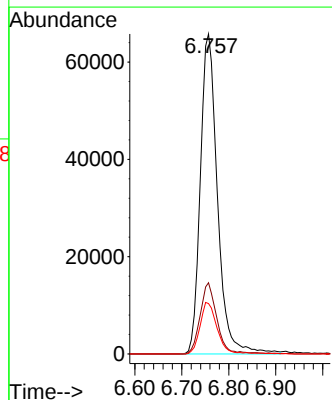
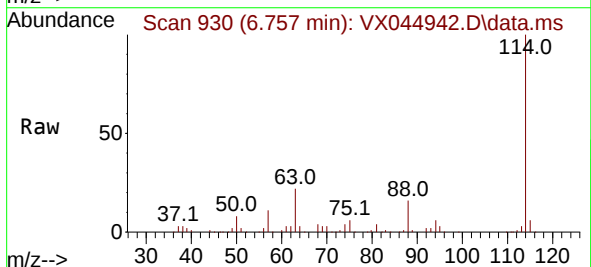
Instrument :
 MSVOA_X
 ClientSampleId :
 CARBON-FB

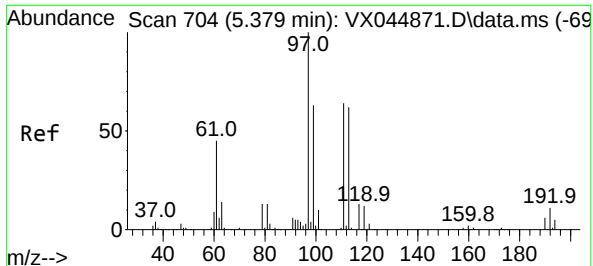
Tgt Ion: 65 Resp: 66824
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044942.D
 Acq: 12 Feb 2025 18:39

Tgt Ion: 114 Resp: 166916
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 42.4
 88 15.7 0.0 31.4

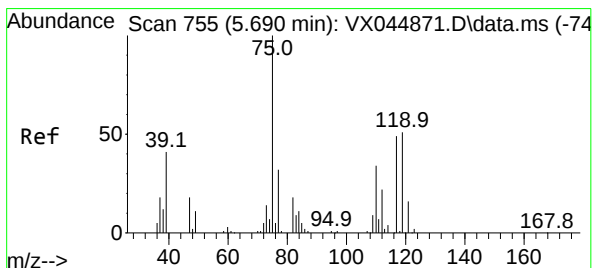
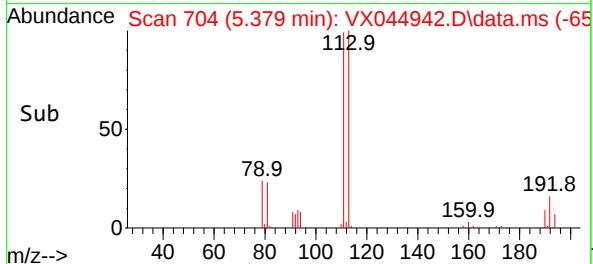
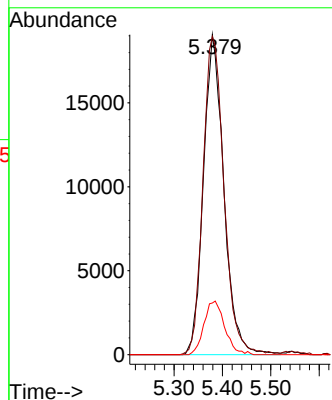
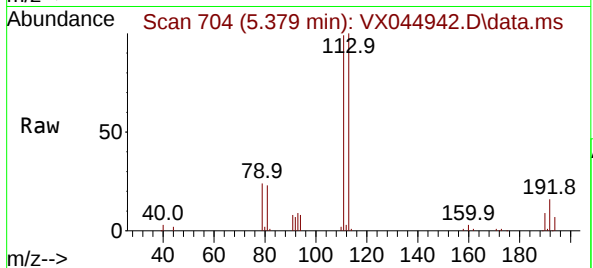




#35
Dibromofluoromethane
Concen: 51.478 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

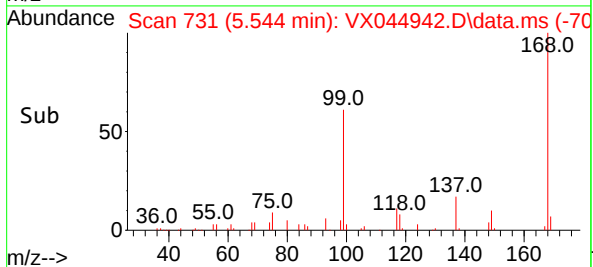
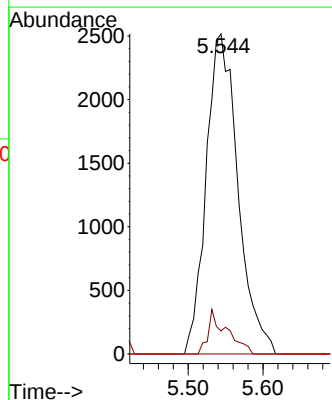
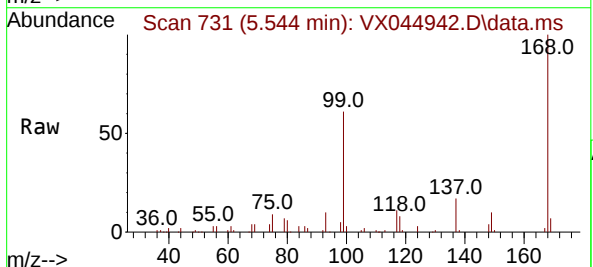
Instrument :
MSVOA_X
ClientSampleId :
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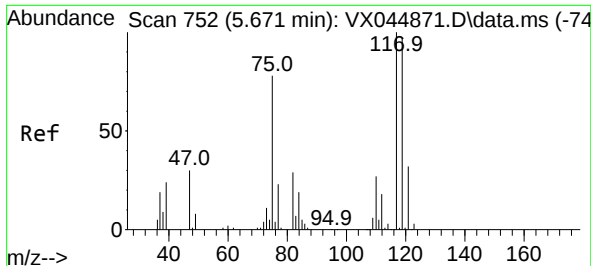
Tgt Ion:113 Resp: 55866
Ion Ratio Lower Upper
113 100
111 102.2 83.5 125.3
192 17.0 14.4 21.6



#36
1,1-Dichloropropene
Concen: 4.755 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

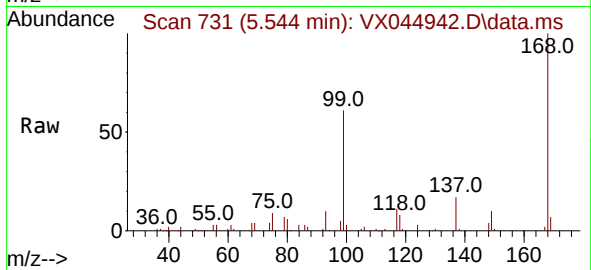
Tgt Ion: 75 Resp: 7445
Ion Ratio Lower Upper
75 100
110 8.2 17.2 51.6#
77 0.0 24.6 37.0#



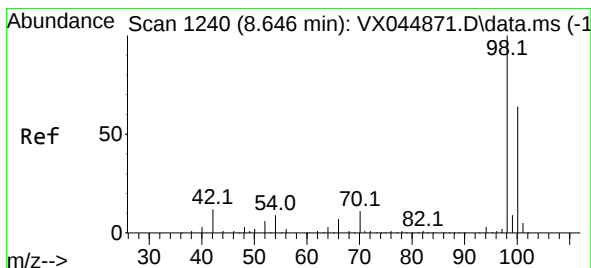
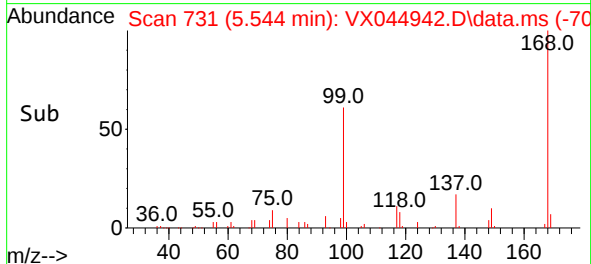
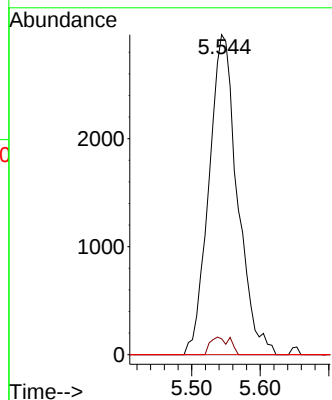


#38
Carbon Tetrachloride
Concen: 5.598 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

Instrument :
MSVOA_X
ClientSampleId :
CARBON-FB

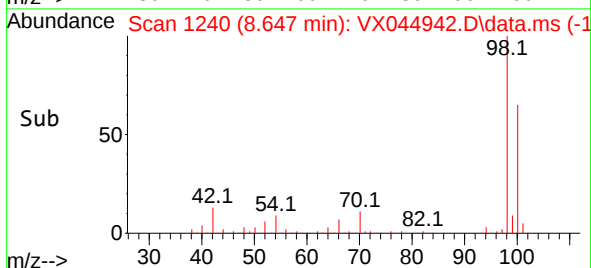
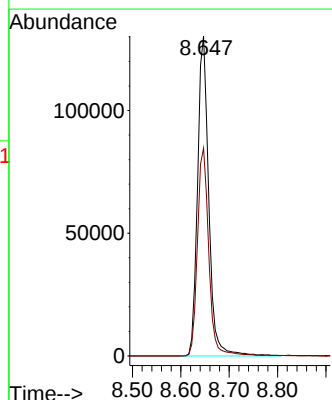
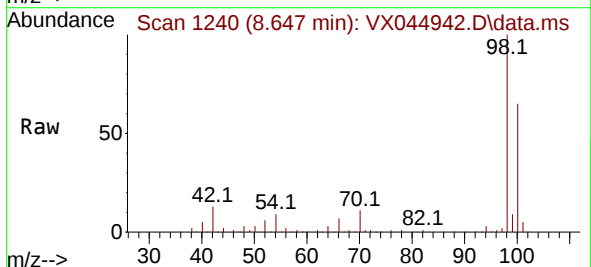


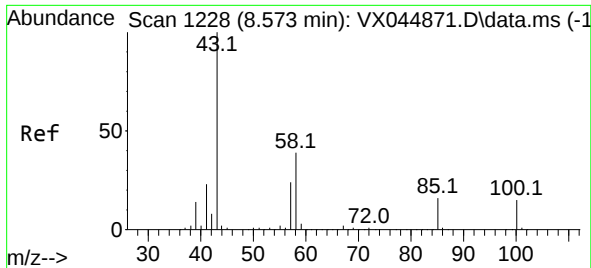
Tgt Ion:117 Resp: 8589
Ion Ratio Lower Upper
117 100
119 4.9 77.5 116.3#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 50.964 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

Tgt Ion: 98 Resp: 209142
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1

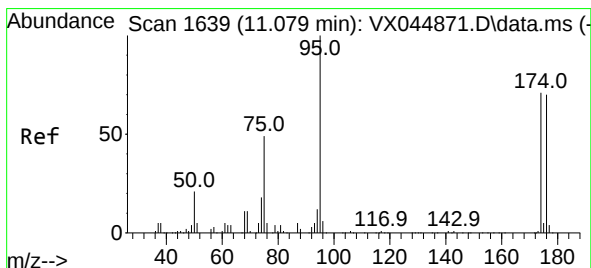
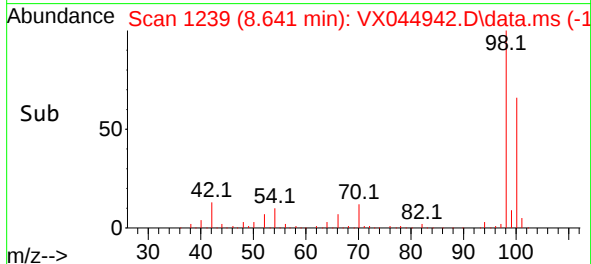
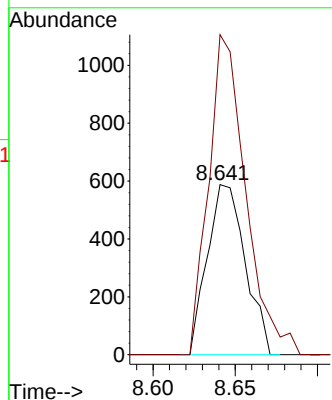
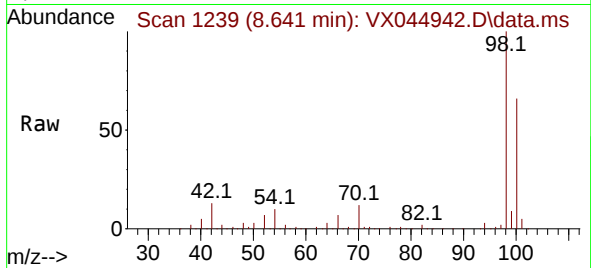




#51
4-Methyl-2-Pentanone
Concen: 0.552 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

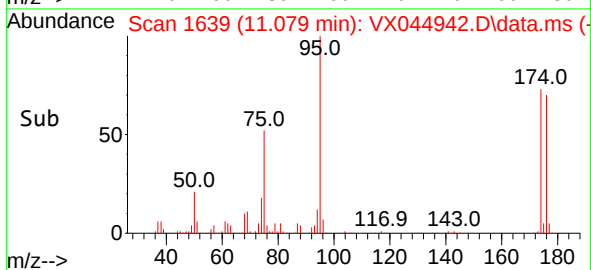
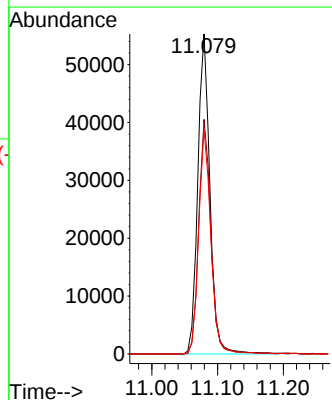
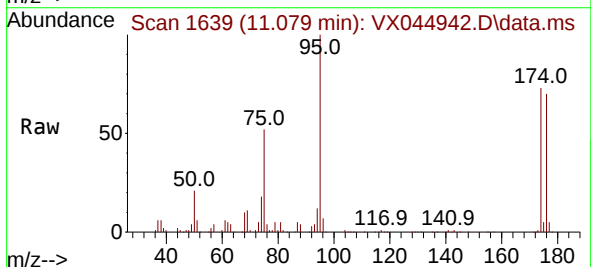
Instrument :
MSVOA_X
ClientSampleId :
CARBON-FB

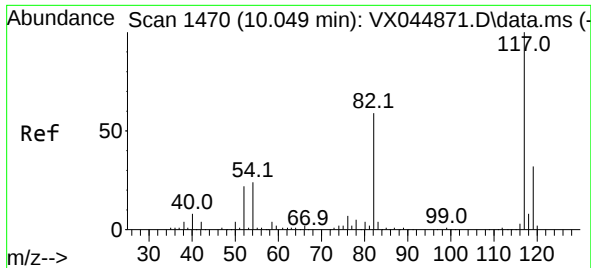
Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 184.7 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 50.983 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

Tgt Ion: 95 Resp: 70532
Ion Ratio Lower Upper
95 100
174 73.8 0.0 142.6
176 70.5 0.0 141.6

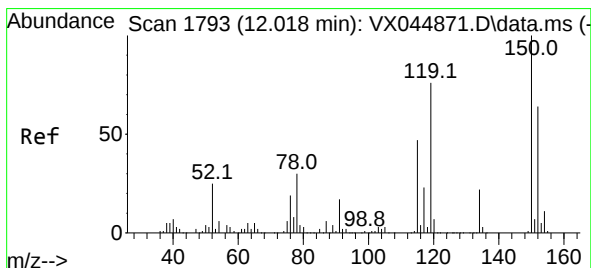
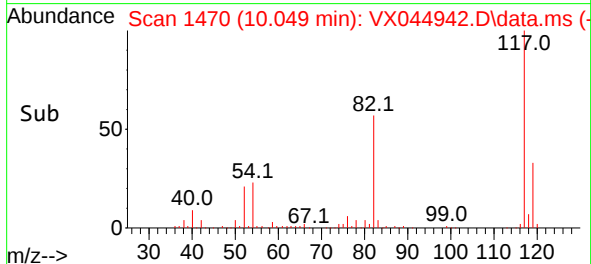
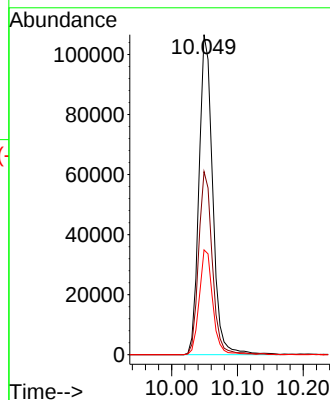
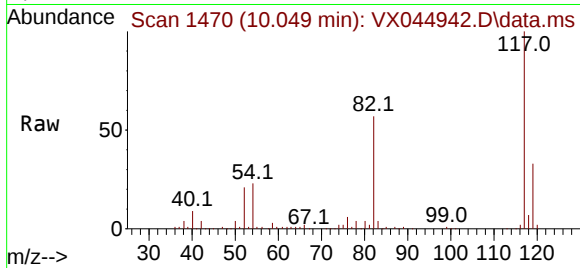




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

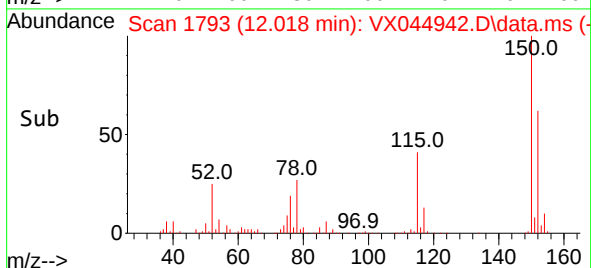
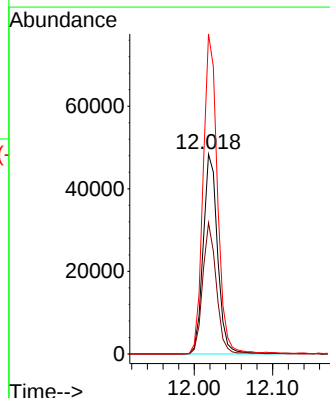
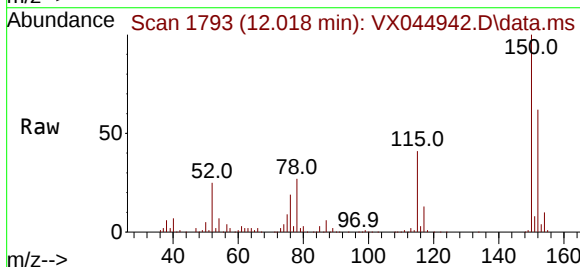
Instrument :
MSVOA_X
ClientSampleId :
CARBON-FB

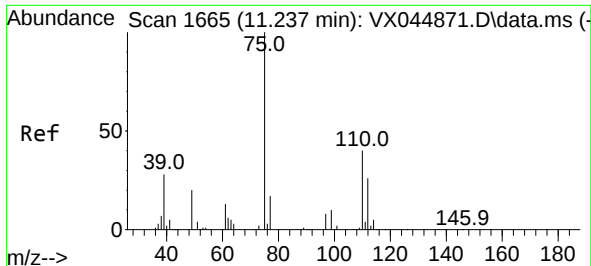
Tgt Ion:117 Resp: 153493
Ion Ratio Lower Upper
117 100
82 57.2 47.5 71.3
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

Tgt Ion:152 Resp: 61695
Ion Ratio Lower Upper
152 100
115 62.4 43.4 130.1
150 158.7 0.0 350.4

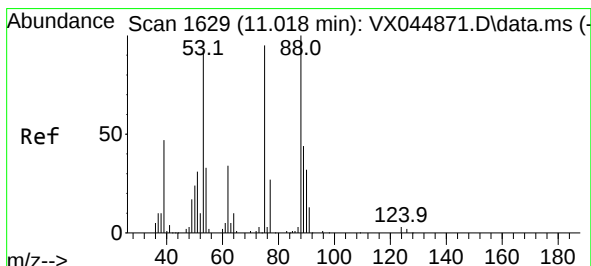
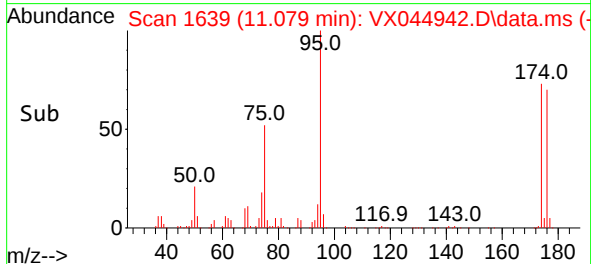
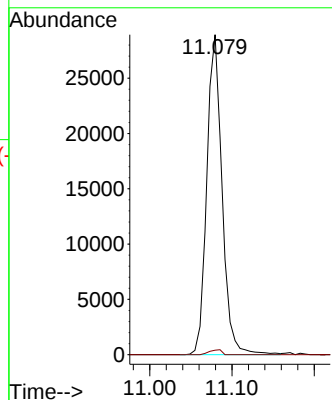
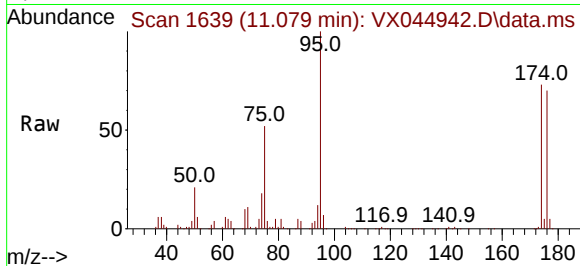




#76
1,2,3-Trichloropropane
Concen: 27.312 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

Instrument :
MSVOA_X
ClientSampleId :
CARBON-FB

Tgt Ion: 75 Resp: 37359
Ion Ratio Lower Upper
75 100
77 1.2 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.256 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044942.D
Acq: 12 Feb 2025 18:39

Tgt Ion: 75 Resp: 37359
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 36.6 54.8#

