

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043591.D
 Acq On : 29 Oct 2024 12:56
 Operator : JC/MD
 Sample : P4578-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:30:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

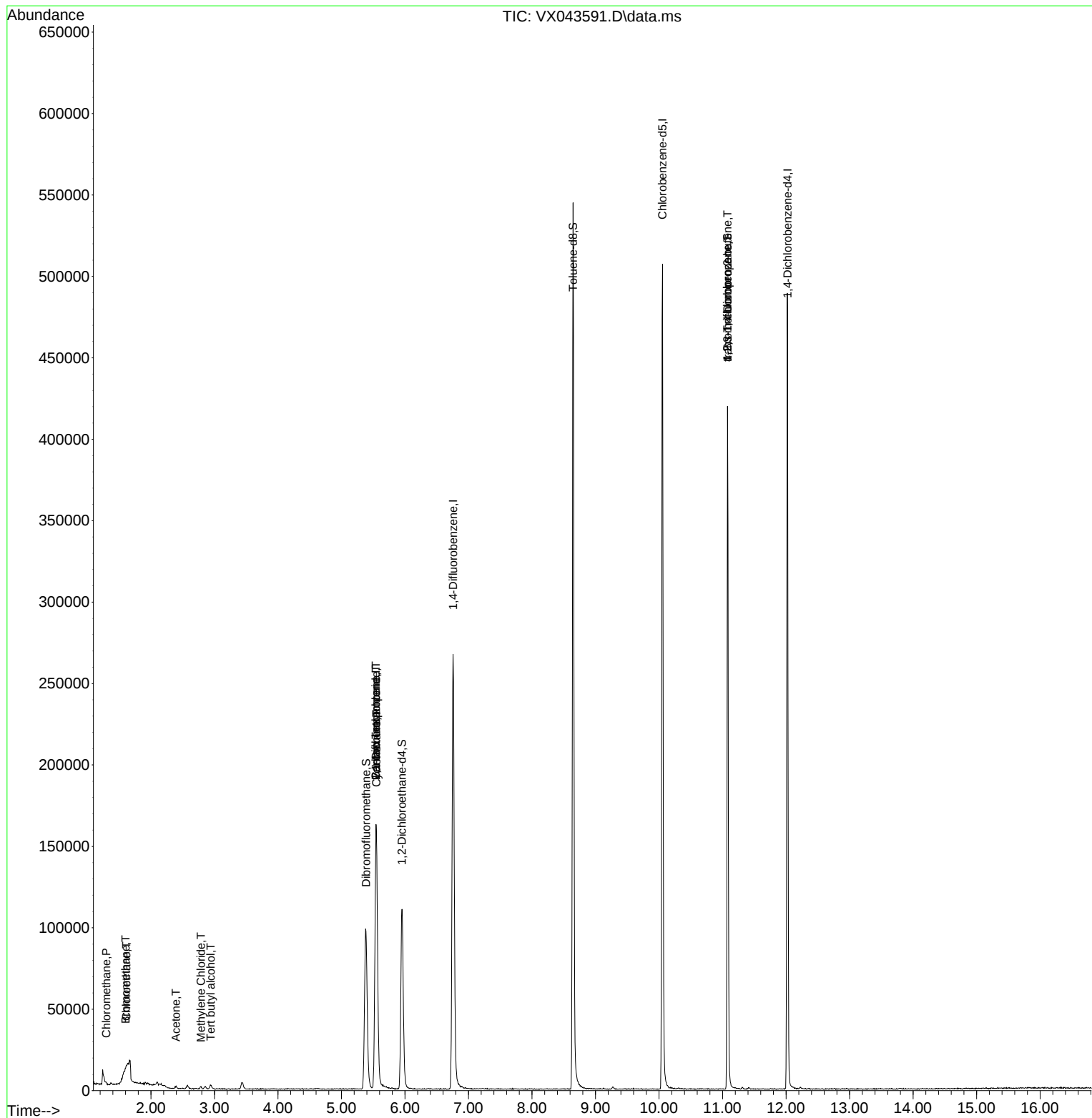
Internal Standards						
1) Pentafluorobenzene	5.544	168	156843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	288755	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110702	44.265	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.520%
35) Dibromofluoromethane	5.385	113	88640	45.270	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.540%
50) Toluene-d8	8.647	98	337480	49.790	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.580%
62) 4-Bromofluorobenzene	11.079	95	114524	45.598	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	508	0.237	ug/l	89
5) Bromomethane	1.599	94	237	0.292	ug/l #	74
6) Chloroethane	1.612	64	579	0.826	ug/l #	43
11) Tert butyl alcohol	2.941	59	1207	2.586	ug/l #	100
16) Acetone	2.392	43	1722	1.734	ug/l	95
20) Methylene Chloride	2.788	84	642	0.300	ug/l #	80
31) Cyclohexane	5.550	56	3280	1.242	ug/l #	25
36) 1,1-Dichloropropene	5.544	75	11762	5.066	ug/l #	51
38) Carbon Tetrachloride	5.544	117	16717	6.516	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	57620	25.561	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	57620	70.319	ug/l #	7

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

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QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

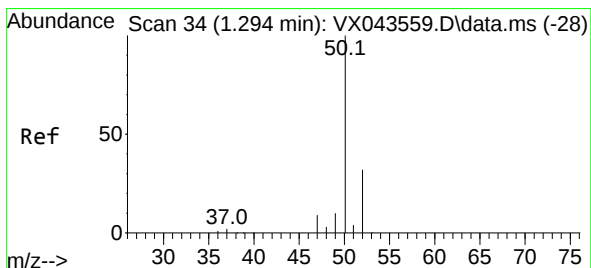
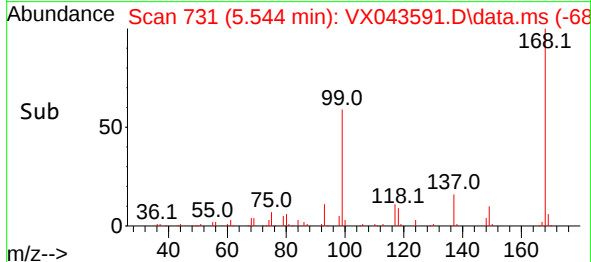
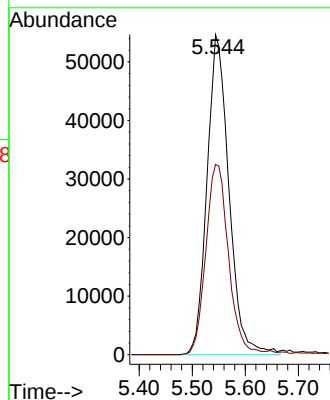
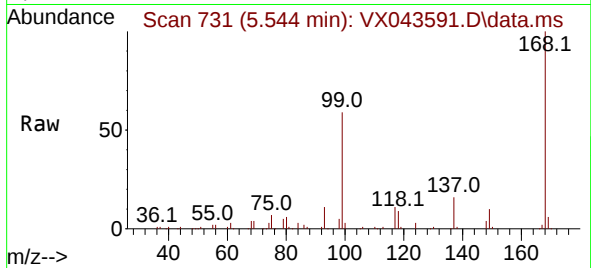




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043591.D
Acq: 29 Oct 2024 12:56

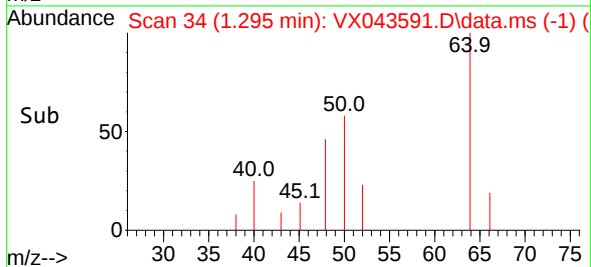
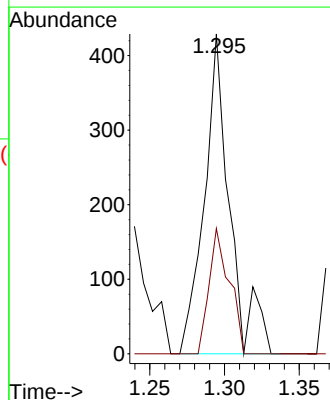
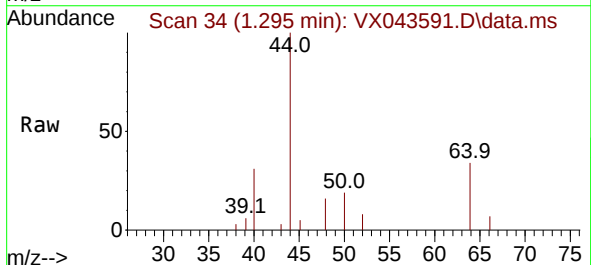
Instrument :
MSVOA_X
ClientSampleId :

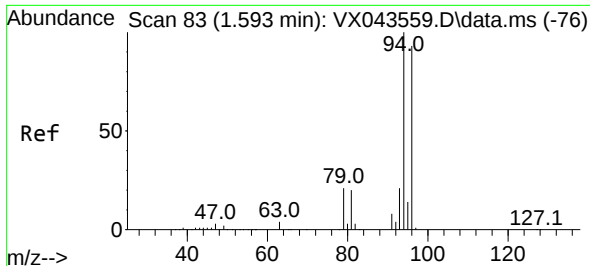
Tgt Ion:168 Resp: 156843
Ion Ratio Lower Upper
168 100
99 59.5 52.6 78.8



#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043591.D
Acq: 29 Oct 2024 12:56

Tgt Ion: 50 Resp: 508
Ion Ratio Lower Upper
50 100
52 39.2 26.3 39.5

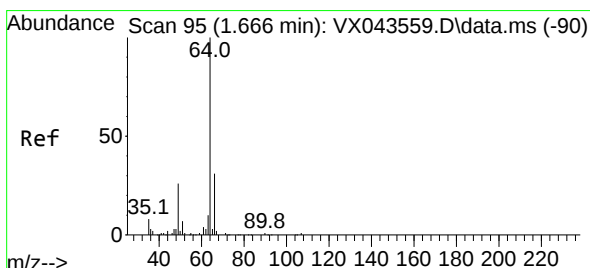
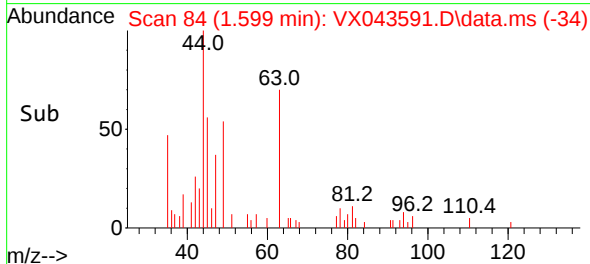
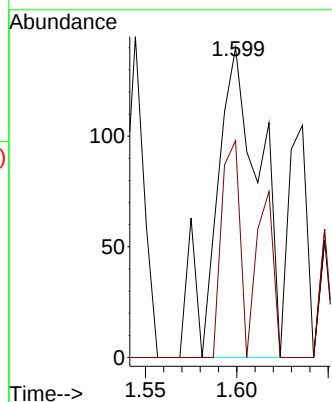
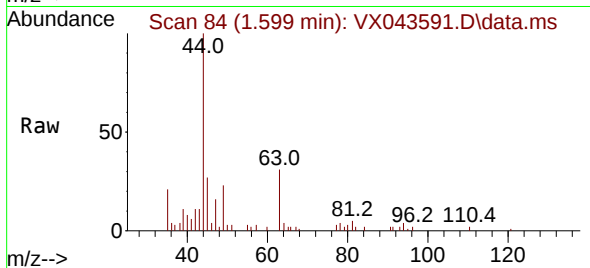




#5
Bromomethane
Concen: 0.292 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043591.D
Acq: 29 Oct 2024 12:56

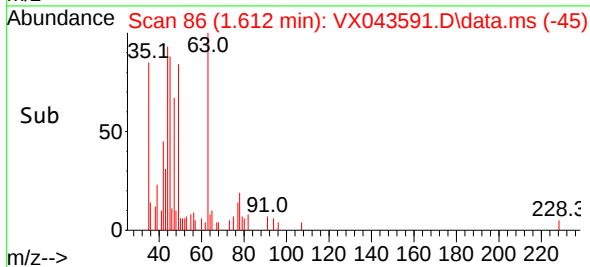
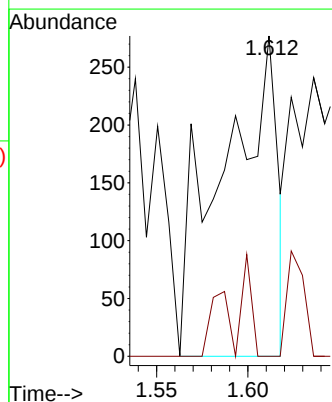
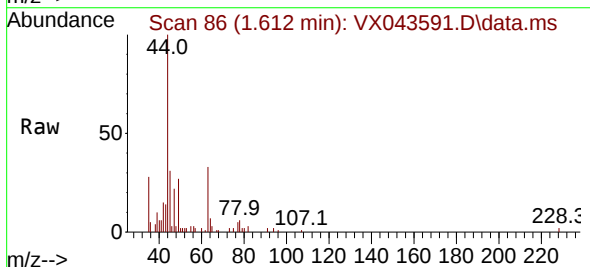
Instrument :
MSVOA_X
ClientSampleId :

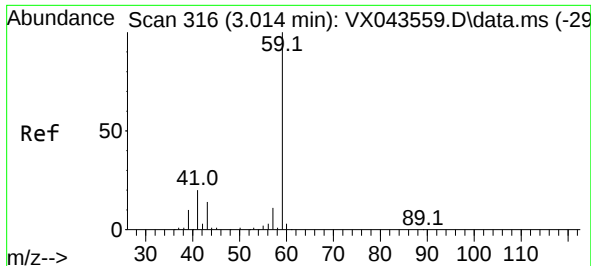
Tgt Ion: 94 Resp: 237
Ion Ratio Lower Upper
94 100
96 70.0 75.9 113.9#



#6
Chloroethane
Concen: 0.826 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.049 min
Lab File: VX043591.D
Acq: 29 Oct 2024 12:56

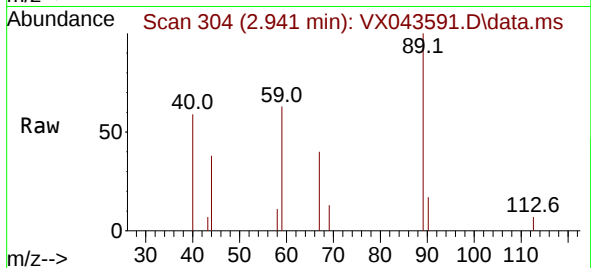
Tgt Ion: 64 Resp: 579
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



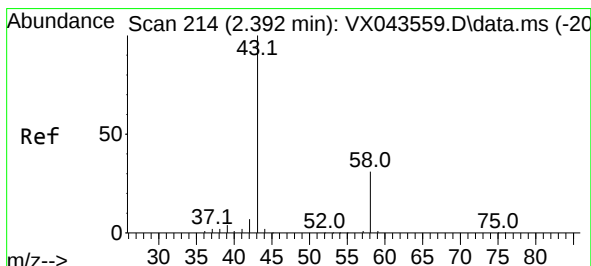
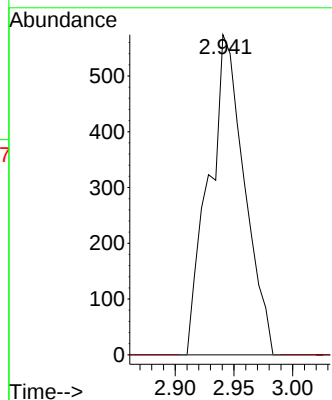
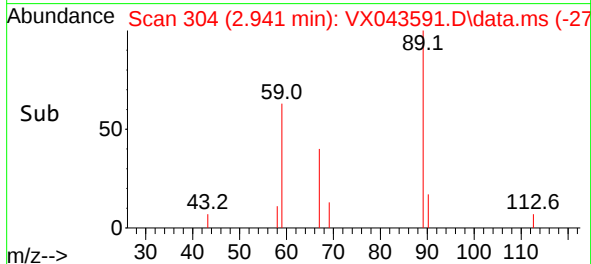


#11
Tert butyl alcohol
Concen: 2.586 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.109 min
Lab File: VX043591.D
Acq: 29 Oct 2024 12:56

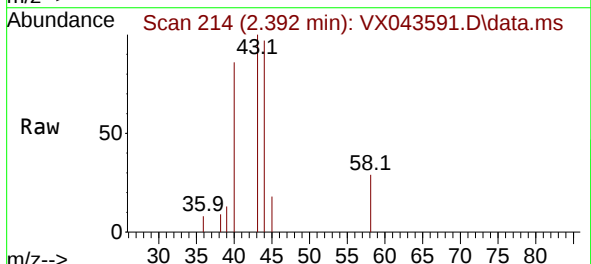
Instrument :
MSVOA_X
ClientSampleId :



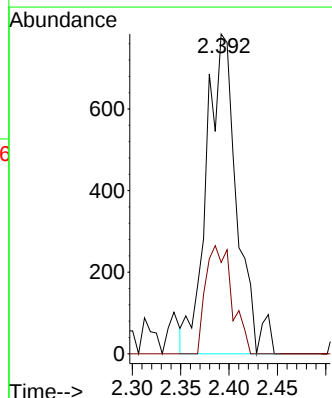
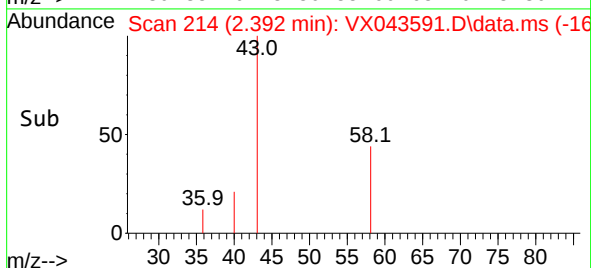
Tgt Ion: 59 Resp: 1207
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

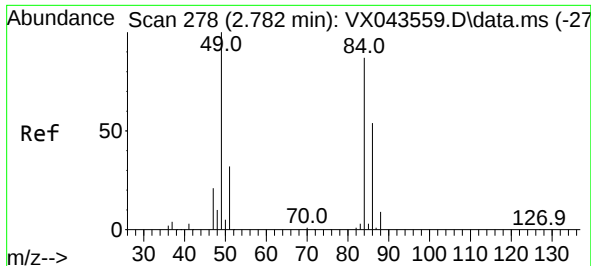


#16
Acetone
Concen: 1.734 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043591.D
Acq: 29 Oct 2024 12:56



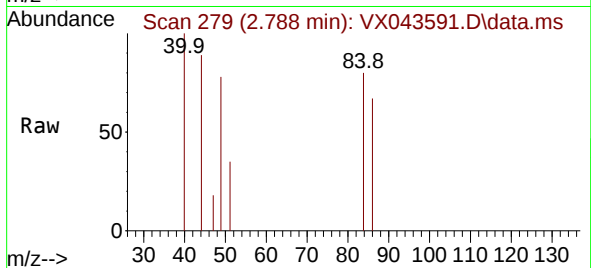
Tgt Ion: 43 Resp: 1722
Ion Ratio Lower Upper
43 100
58 28.6 25.1 37.7



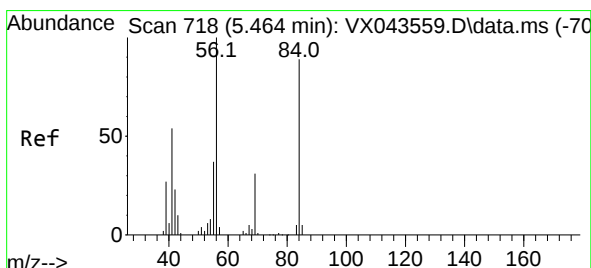
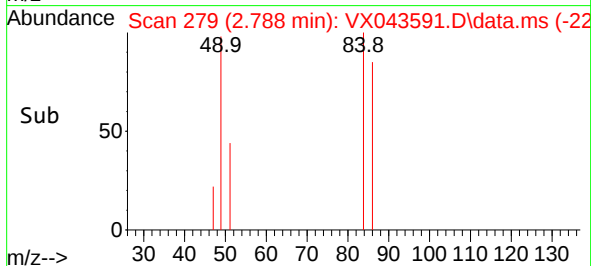
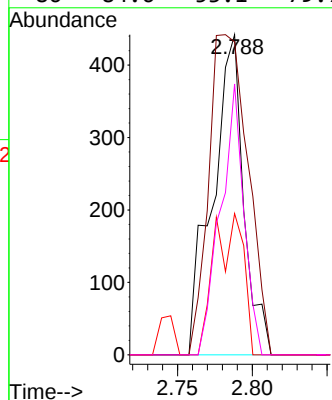


#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043591.D
Acq: 29 Oct 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :

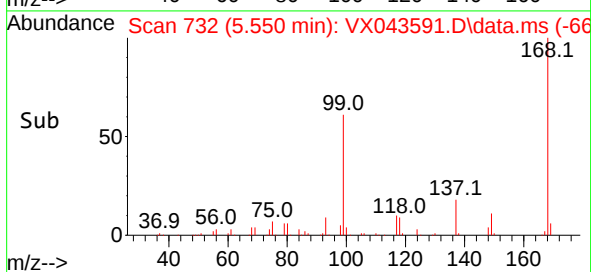
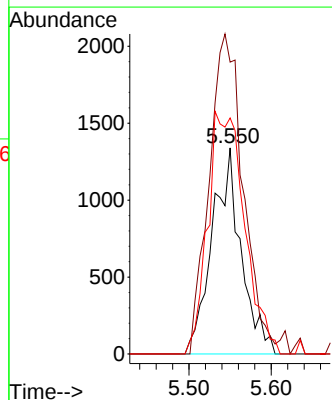
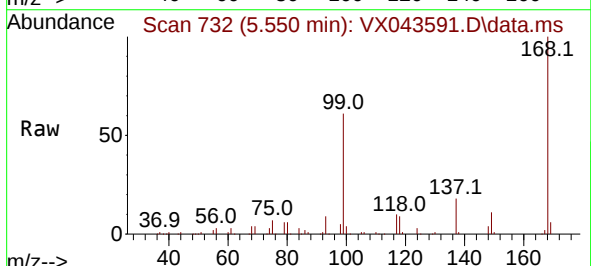


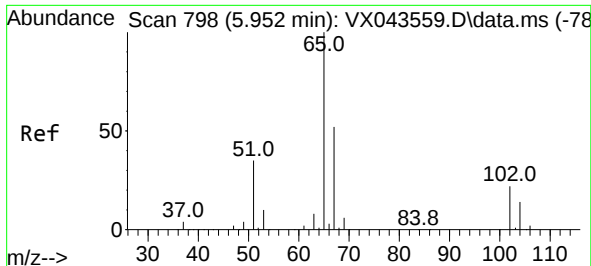
Tgt Ion:	84	Resp:	642
Ion	Ratio	Lower	Upper
84	100		
49	97.7	97.0	145.6
51	44.1	29.8	44.8
86	84.6	53.1	79.7#



#31
Cyclohexane
Concen: 1.242 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.092 min
Lab File: VX043591.D
Acq: 29 Oct 2024 12:56

Tgt Ion:	56	Resp:	3280
Ion	Ratio	Lower	Upper
56	100		
69	141.6	24.9	37.3#
84	122.2	73.3	109.9#

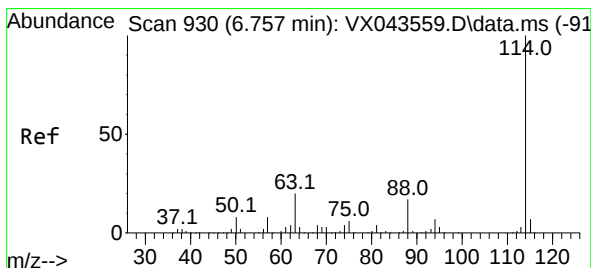
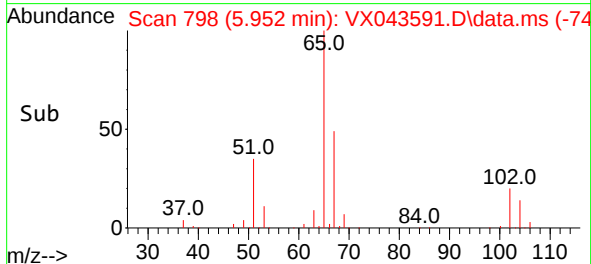
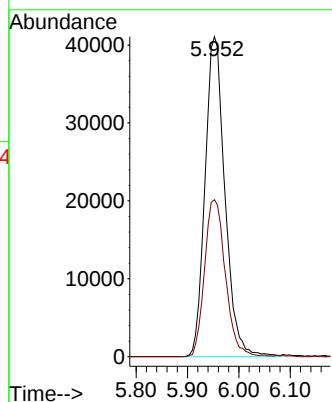
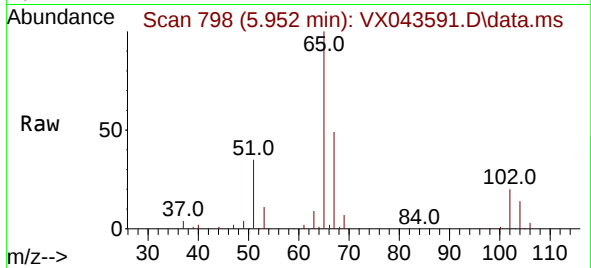




#33
 1,2-Dichloroethane-d4
 Concen: 44.265 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX043591.D
 Acq: 29 Oct 2024 12:56

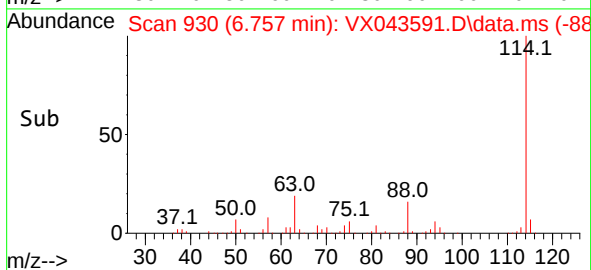
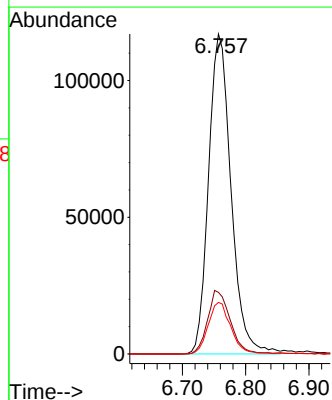
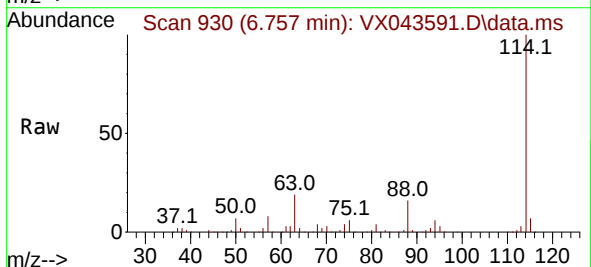
Instrument :
 MSVOA_X
 ClientSampleId :

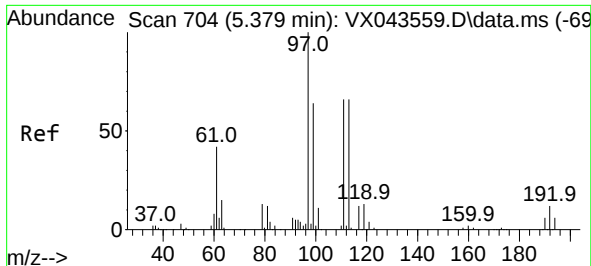
Tgt Ion: 65 Resp: 110702
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX043591.D
 Acq: 29 Oct 2024 12:56

Tgt Ion: 114 Resp: 288755
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.2
 88 16.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 45.270 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.000 min

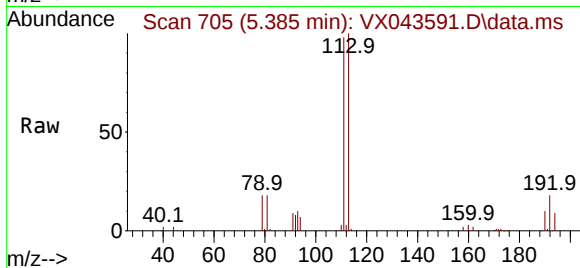
Lab File: VX043591.D

Acq: 29 Oct 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :



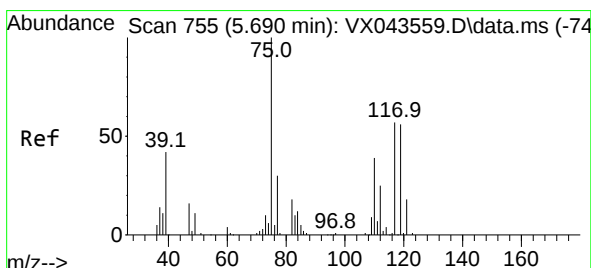
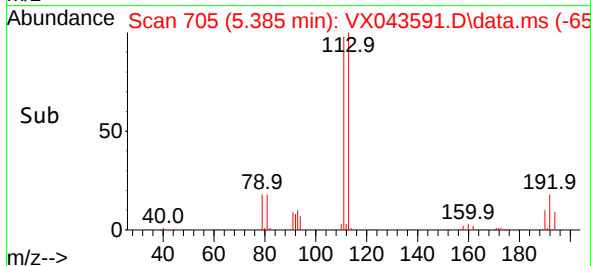
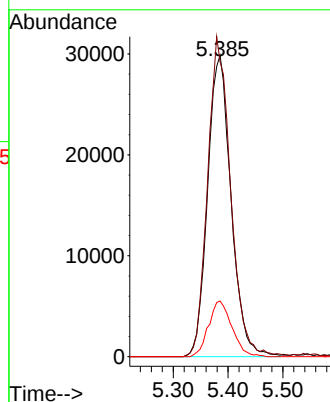
Tgt Ion:113 Resp: 88640

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 18.4 14.1 21.1



#36

1,1-Dichloropropene

Concen: 5.066 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX043591.D

Acq: 29 Oct 2024 12:56

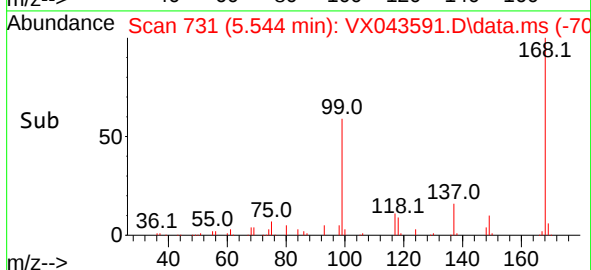
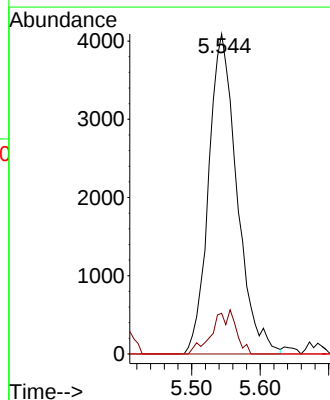
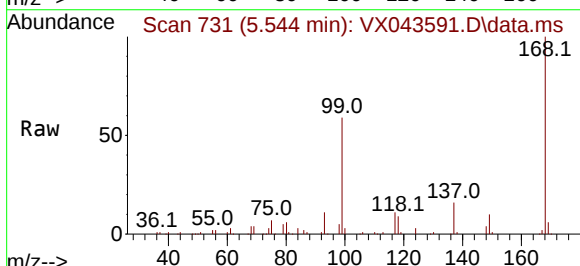
Tgt Ion: 75 Resp: 11762

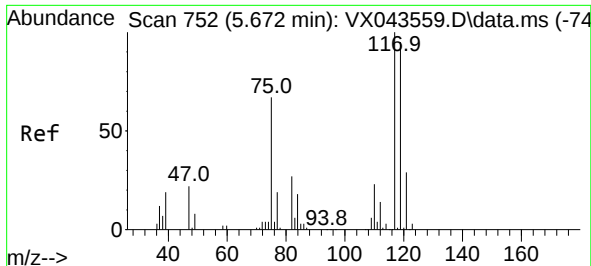
Ion Ratio Lower Upper

75 100

110 11.5 17.9 53.7#

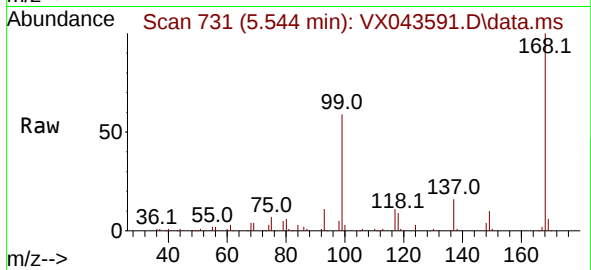
77 0.0 25.0 37.4#



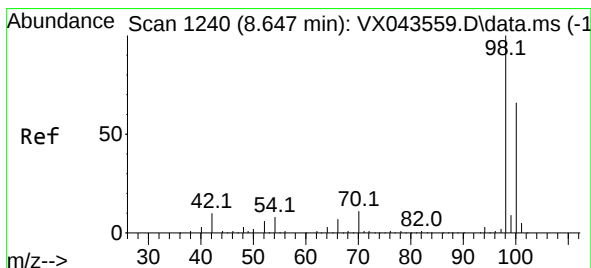
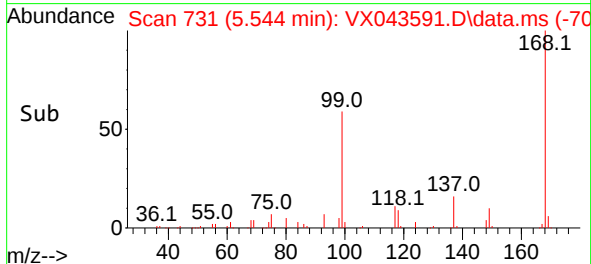
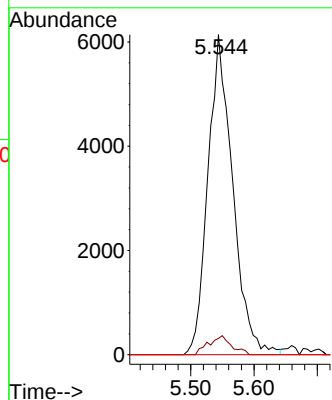


#38
Carbon Tetrachloride
Concen: 6.516 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043591.D
Acq: 29 Oct 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :

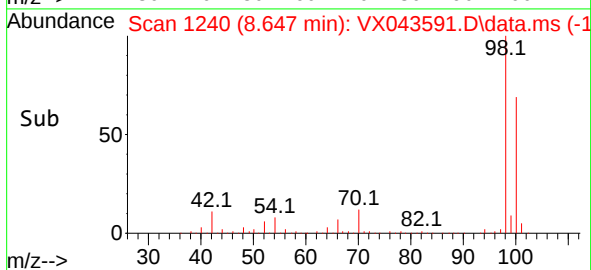
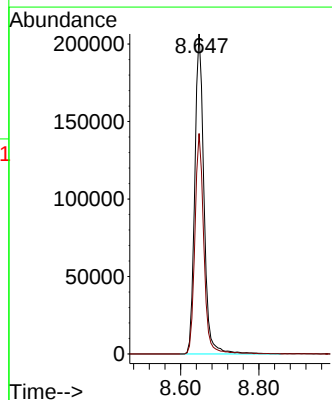
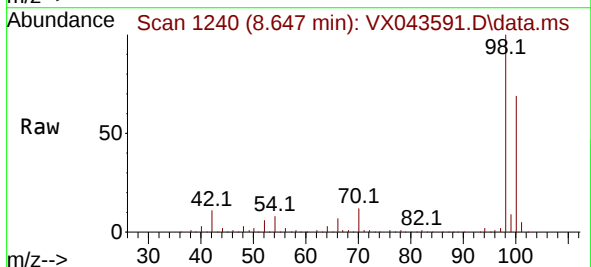


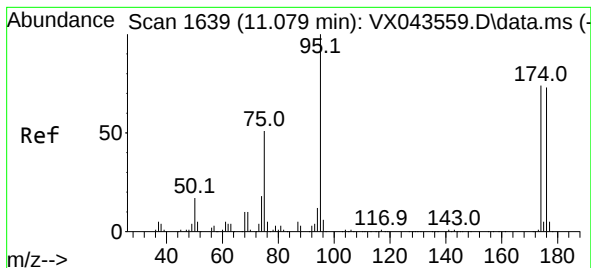
Tgt Ion:117 Resp: 16717
Ion Ratio Lower Upper
117 100
119 5.1 77.0 115.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.790 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043591.D
Acq: 29 Oct 2024 12:56

Tgt Ion: 98 Resp: 337480
Ion Ratio Lower Upper
98 100
100 67.2 53.4 80.2

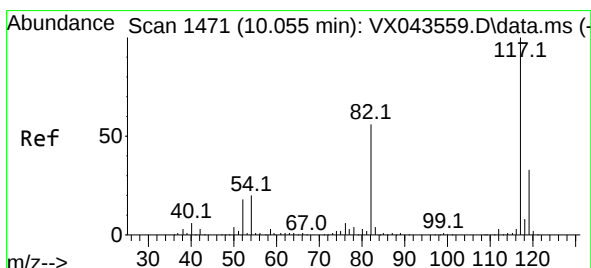
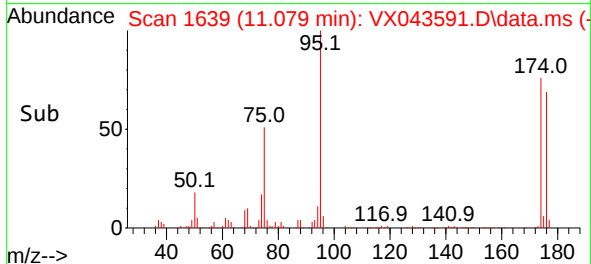
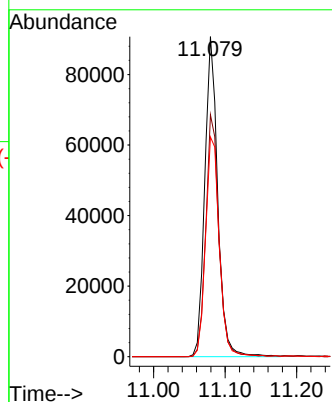
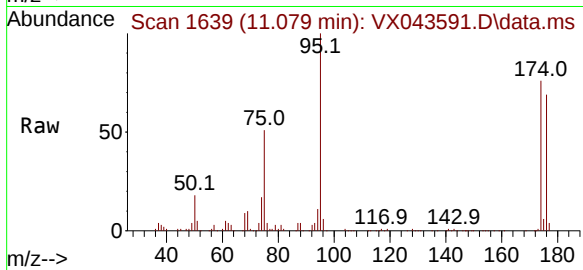




#62
4-Bromofluorobenzene
Concen: 45.598 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043591.D
Acq: 29 Oct 2024 12:56

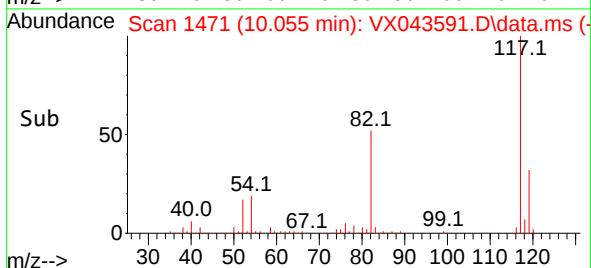
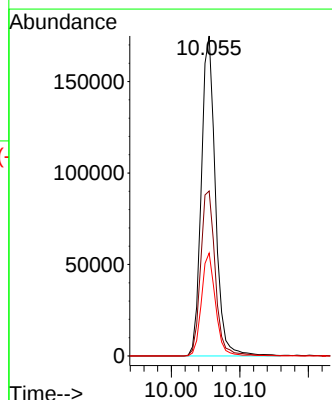
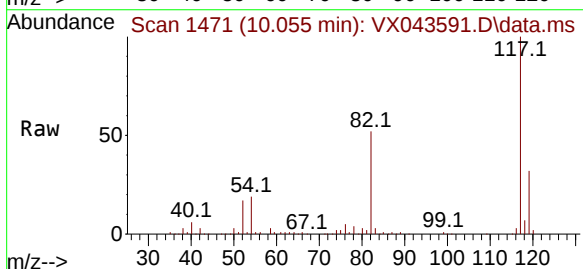
Instrument :
MSVOA_X
ClientSampleId :

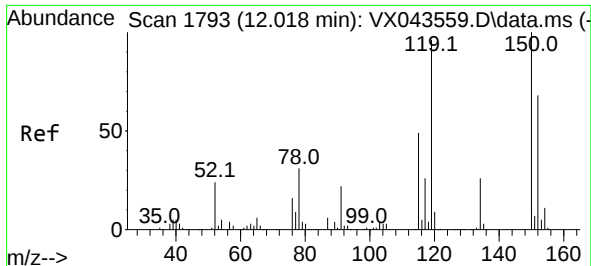
Tgt Ion: 95 Resp: 114524
Ion Ratio Lower Upper
95 100
174 76.5 0.0 146.6
176 72.9 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043591.D
Acq: 29 Oct 2024 12:56

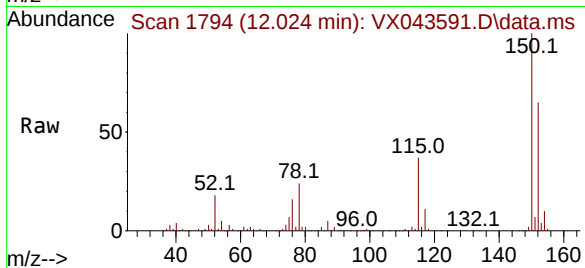
Tgt Ion: 117 Resp: 251324
Ion Ratio Lower Upper
117 100
82 51.6 42.1 63.1
119 32.1 25.4 38.2



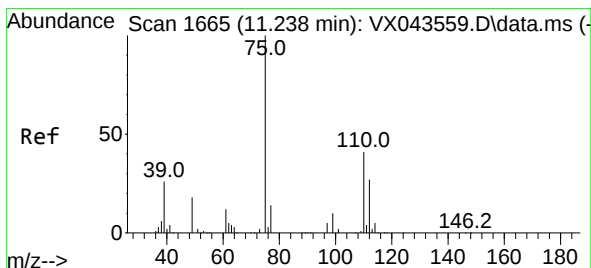
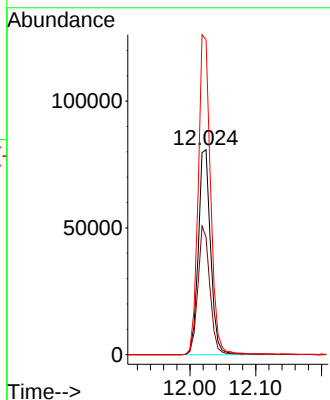
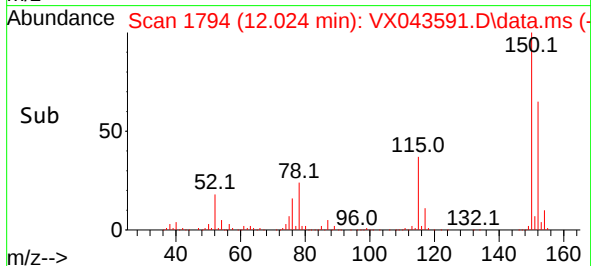


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043591.D
Acq: 29 Oct 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :

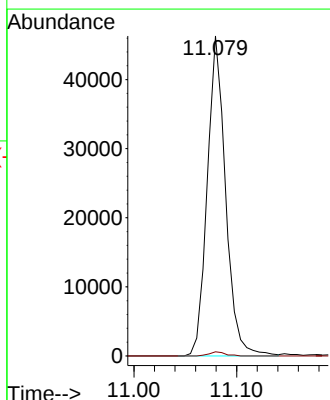
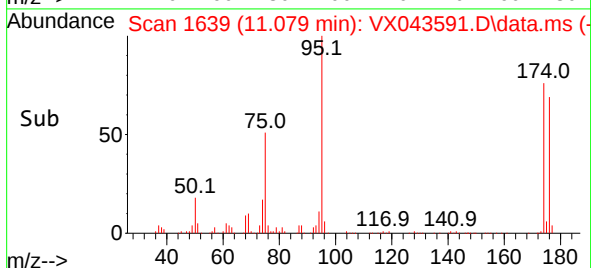
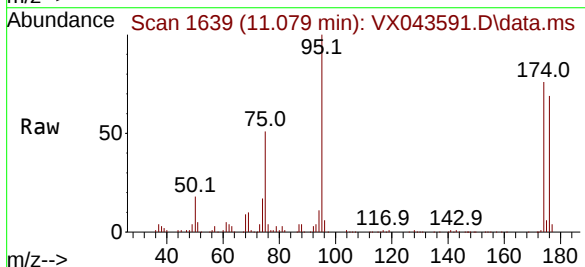


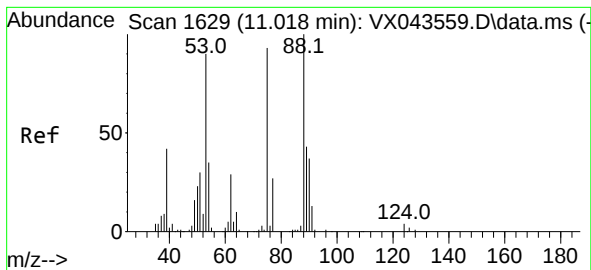
Tgt Ion:152 Resp: 105429
Ion Ratio Lower Upper
152 100
115 60.7 42.9 128.7
150 155.8 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 25.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043591.D
Acq: 29 Oct 2024 12:56

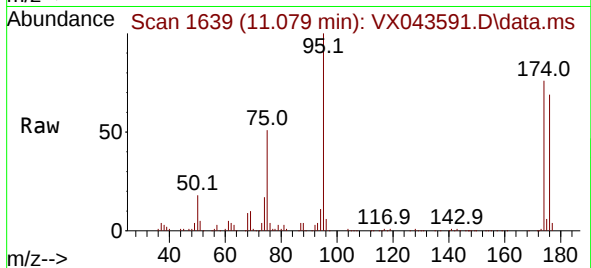
Tgt Ion: 75 Resp: 57620
Ion Ratio Lower Upper
75 100
77 1.1 22.4 67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.319 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043591.D
 Acq: 29 Oct 2024 12:56

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 57620
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.6 126.8#
 89 0.1 38.6 58.0#

