

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060624\
 Data File : VX041772.D
 Acq On : 06 Jun 2024 13:10
 Operator : JC/MD
 Sample : P2749-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-12I

Quant Time: Jun 07 01:00:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

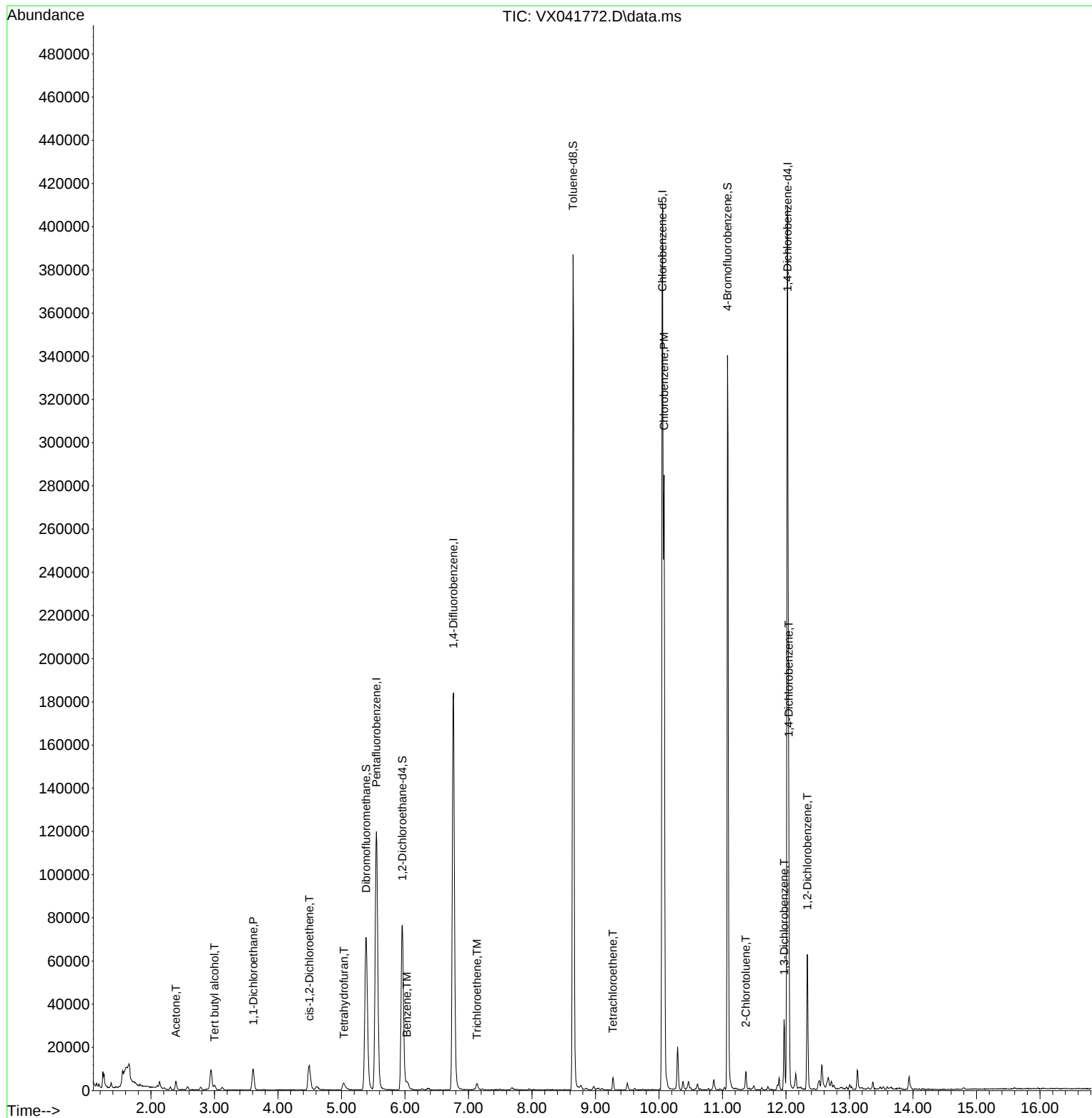
Internal Standards						
1) Pentafluorobenzene	5.550	168	126531	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	196752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76319	49.179	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.360%
35) Dibromofluoromethane	5.385	113	62369	45.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.700%
50) Toluene-d8	8.647	98	229907	48.369	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.740%
62) 4-Bromofluorobenzene	11.079	95	85529	48.754	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.002	59	2486	9.056	ug/l	# 91
16) Acetone	2.392	43	3694	2.732	ug/l	# 89
24) 1,1-Dichloroethane	3.611	63	11075	5.165	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	7873	5.628	ug/l	82
29) Tetrahydrofuran	5.038	42	3523	5.792	ug/l	95
40) Benzene	6.032	78	3844	0.747	ug/l	97
44) Trichloroethene	7.135	130	1428	1.020	ug/l	96
64) Tetrachloroethene	9.275	164	1173	0.826	ug/l	# 81
65) Chlorobenzene	10.080	112	122655	30.170	ug/l	100
79) 2-Chlorotoluene	11.366	91	4297	1.065	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	11244	3.732	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	44002	14.168	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	20844	6.792	ug/l	95

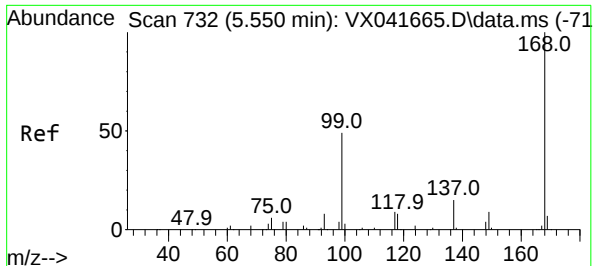
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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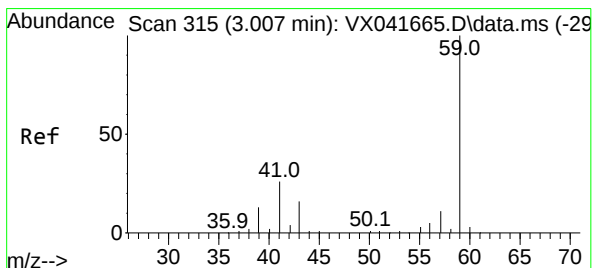
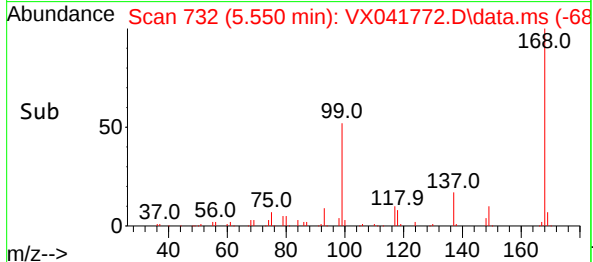
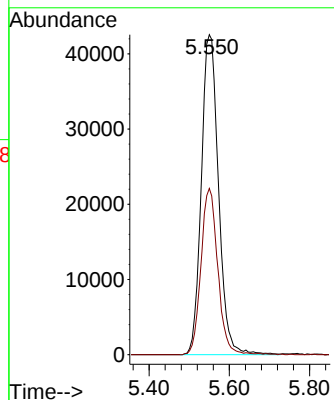
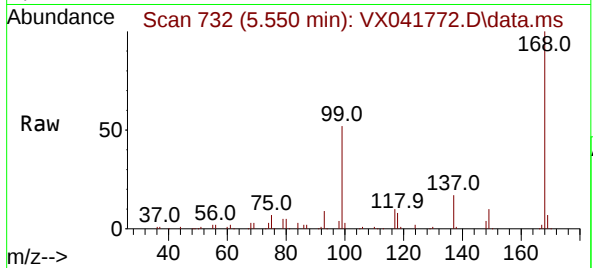




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041772.D
Acq: 06 Jun 2024 13:10

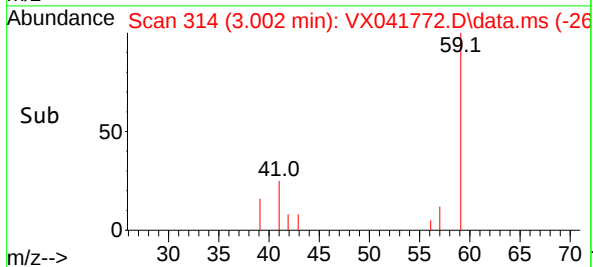
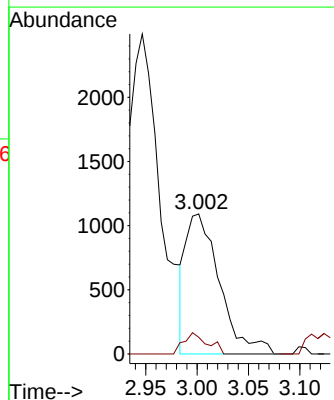
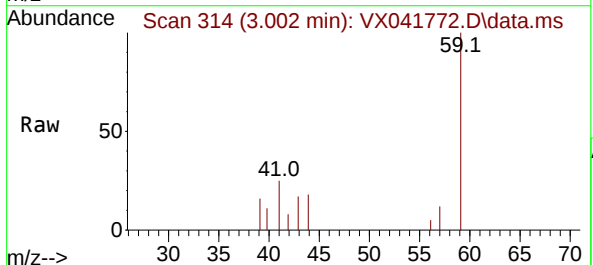
Instrument :
MSVOA_X
ClientSampleId :
SY-12I

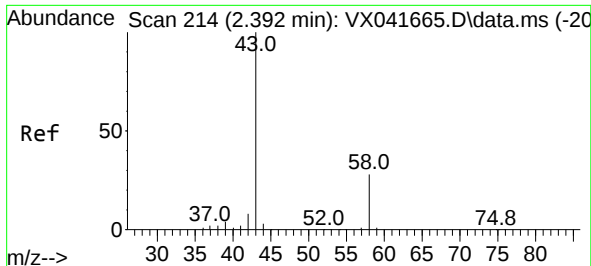
Tgt Ion:168 Resp: 126531
Ion Ratio Lower Upper
168 100
99 52.0 56.6 85.0#



#11
Tert butyl alcohol
Concen: 9.056 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.006 min
Lab File: VX041772.D
Acq: 06 Jun 2024 13:10

Tgt Ion: 59 Resp: 2486
Ion Ratio Lower Upper
59 100
57 10.6 6.0 9.0#





#16

Acetone

Concen: 2.732 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041772.D

Acq: 06 Jun 2024 13:10

Instrument :

MSVOA_X

ClientSampleId :

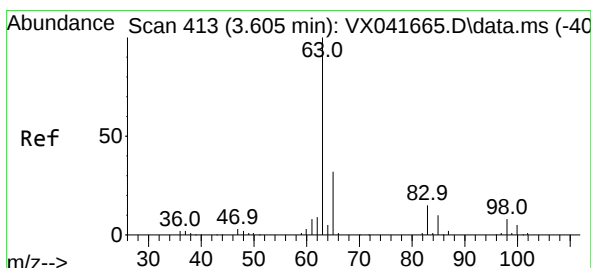
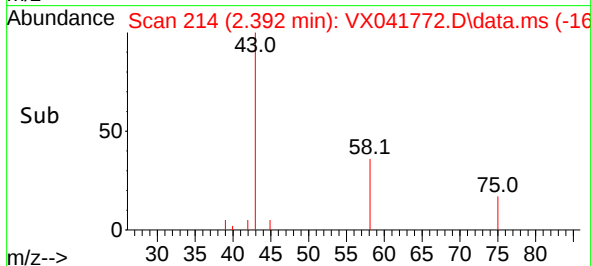
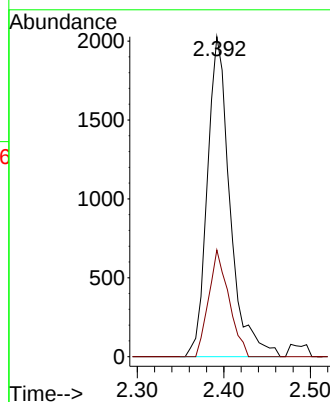
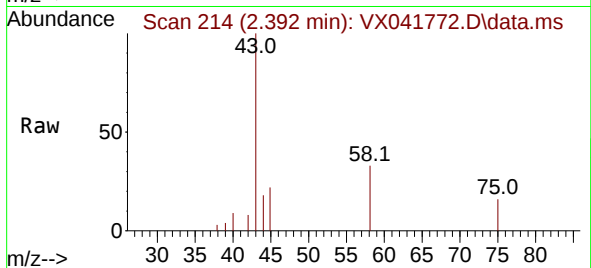
SY-12I

Tgt Ion: 43 Resp: 3694

Ion Ratio Lower Upper

43 100

58 33.3 21.9 32.9#



#24

1,1-Dichloroethane

Concen: 5.165 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX041772.D

Acq: 06 Jun 2024 13:10

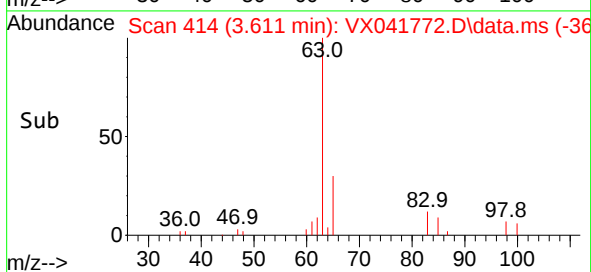
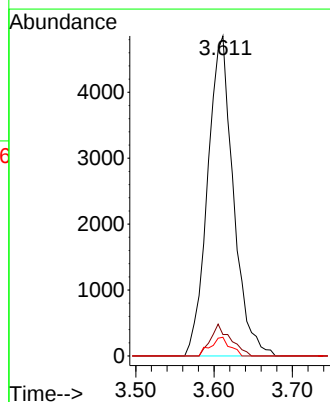
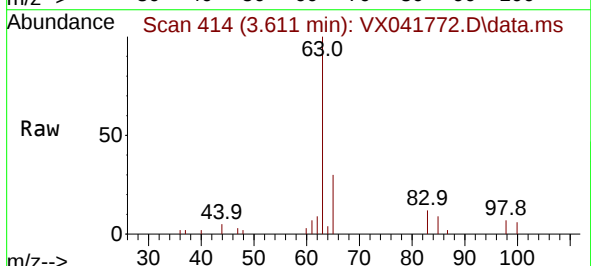
Tgt Ion: 63 Resp: 11075

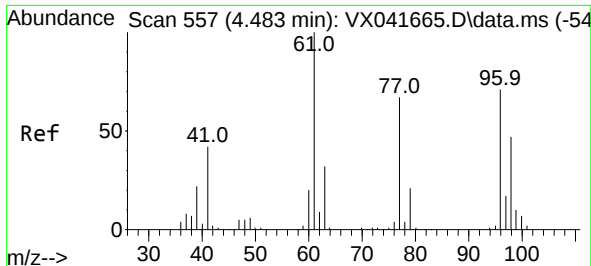
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 5.8 2.1 6.5

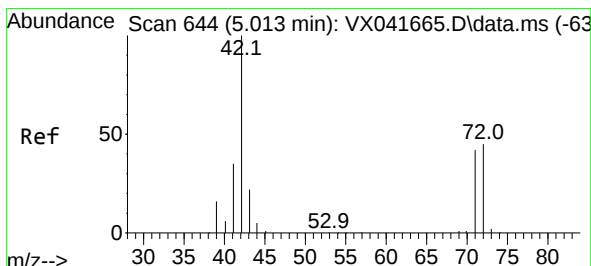
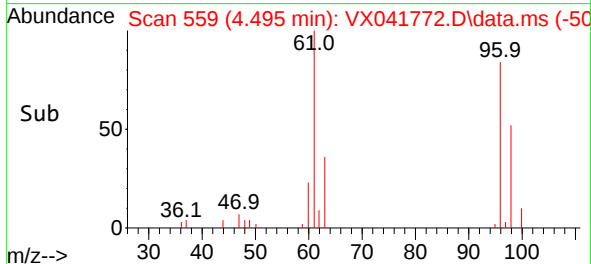
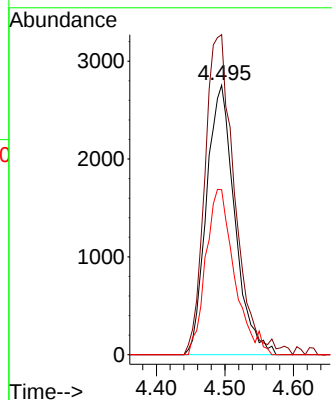
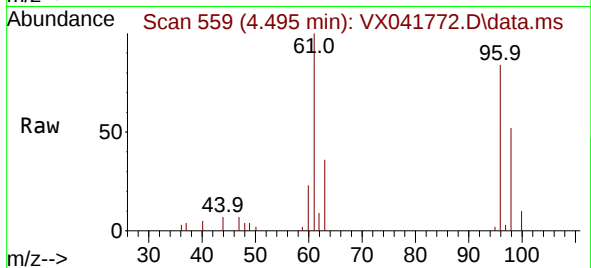




#27
cis-1,2-Dichloroethene
Concen: 5.628 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX041772.D
Acq: 06 Jun 2024 13:10

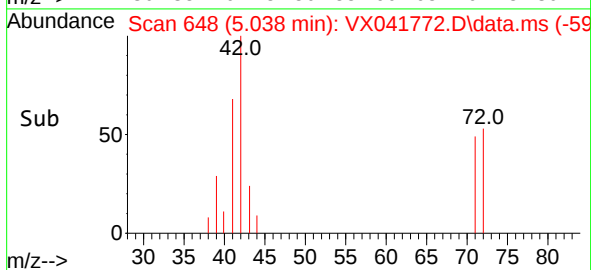
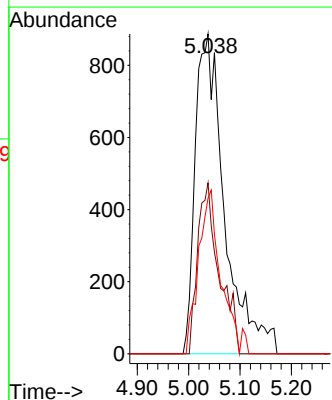
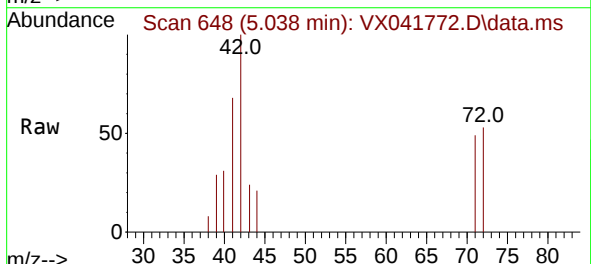
Instrument :
MSVOA_X
ClientSampleId :
SY-12I

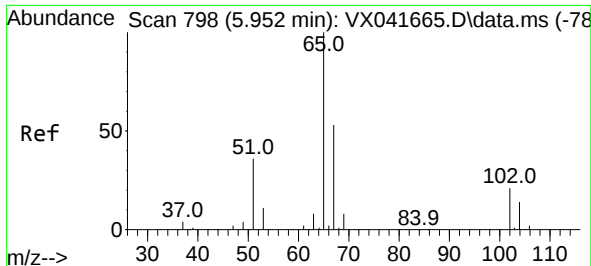
Tgt Ion: 96 Resp: 7873
Ion Ratio Lower Upper
96 100
61 125.3 0.0 312.2
98 62.2 0.0 129.0



#29
Tetrahydrofuran
Concen: 5.792 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX041772.D
Acq: 06 Jun 2024 13:10

Tgt Ion: 42 Resp: 3523
Ion Ratio Lower Upper
42 100
72 39.0 34.2 51.4
71 38.0 32.2 48.2

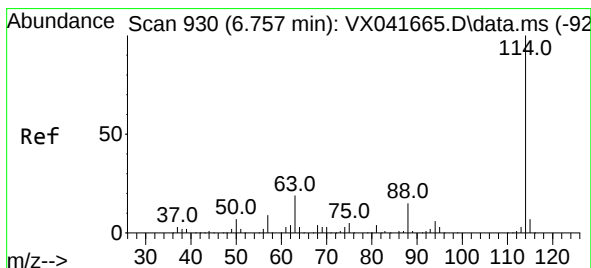
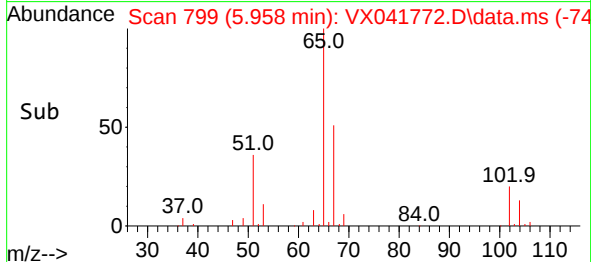
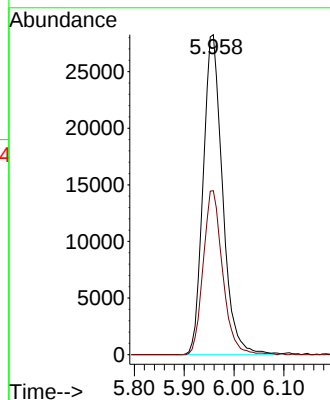
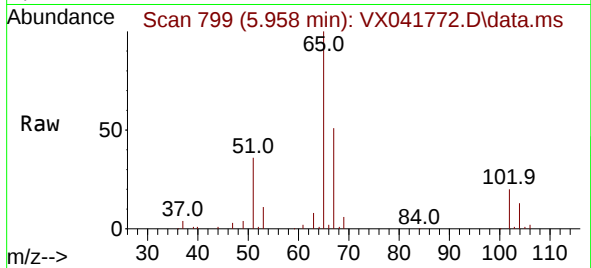




#33
 1,2-Dichloroethane-d4
 Concen: 49.179 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX041772.D
 Acq: 06 Jun 2024 13:10

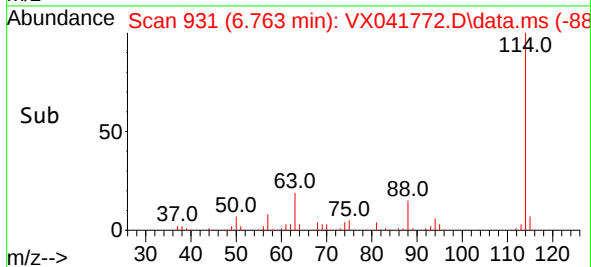
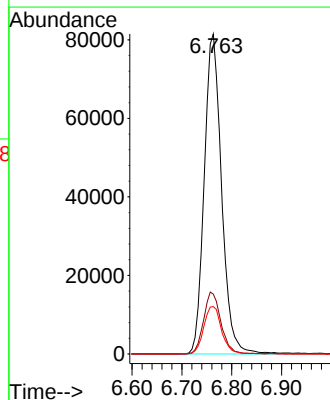
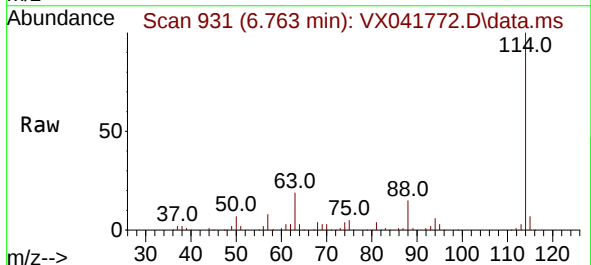
Instrument :
 MSVOA_X
 ClientSampleId :
 SY-12I

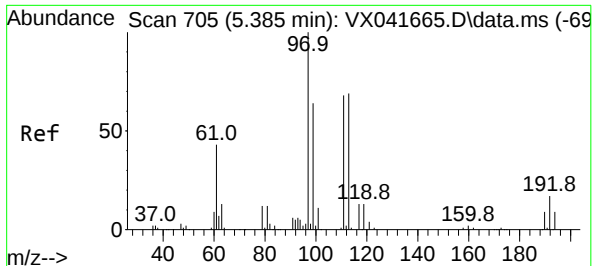
Tgt Ion: 65 Resp: 76319
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX041772.D
 Acq: 06 Jun 2024 13:10

Tgt Ion: 114 Resp: 196752
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 45.0
 88 14.8 0.0 36.6

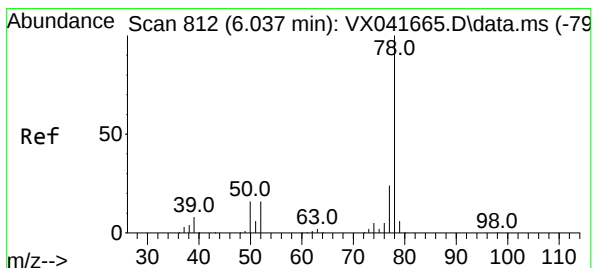
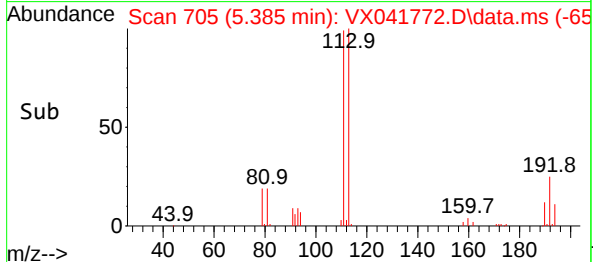
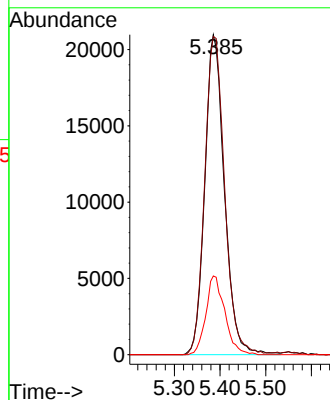
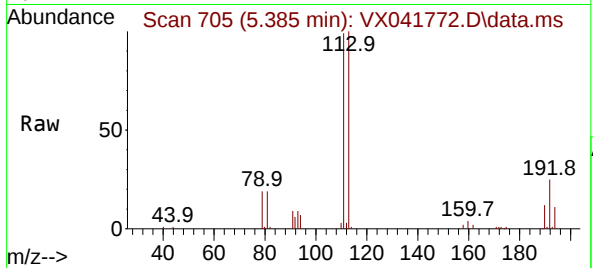




#35
Dibromofluoromethane
Concen: 45.848 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041772.D
Acq: 06 Jun 2024 13:10

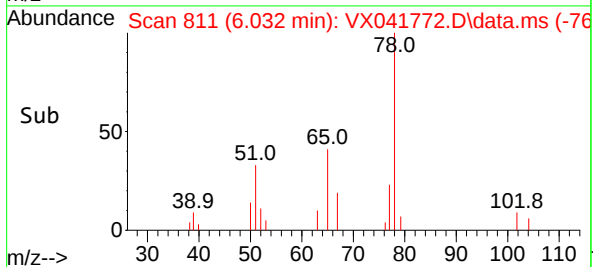
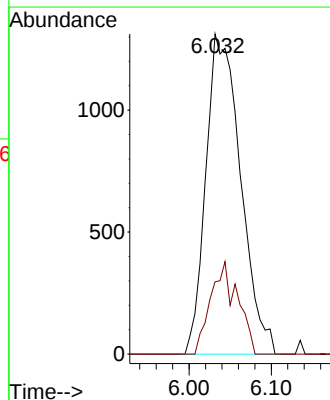
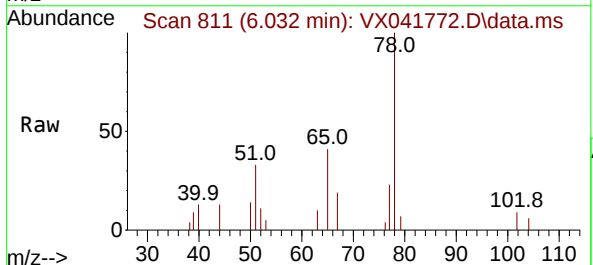
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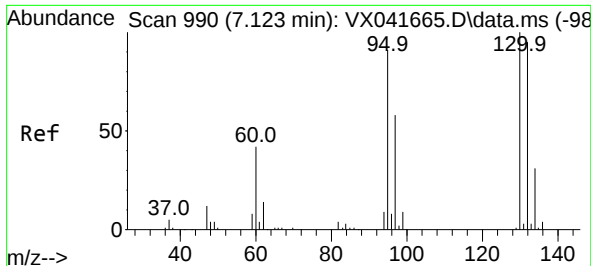
Tgt Ion:113 Resp: 62369
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 23.8 13.3 19.9#



#40
Benzene
Concen: 0.747 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041772.D
Acq: 06 Jun 2024 13:10

Tgt Ion: 78 Resp: 3844
Ion Ratio Lower Upper
78 100
77 22.6 19.3 28.9

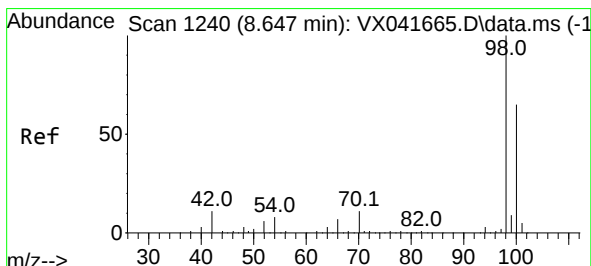
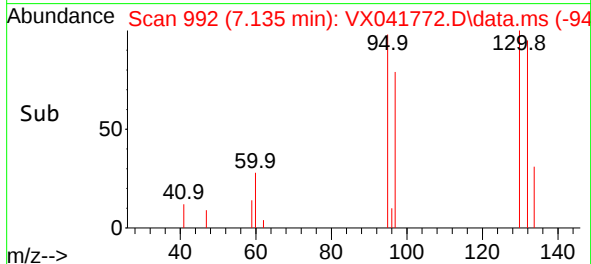
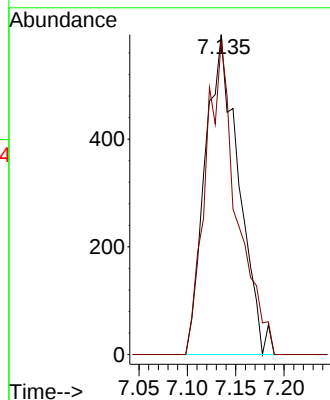
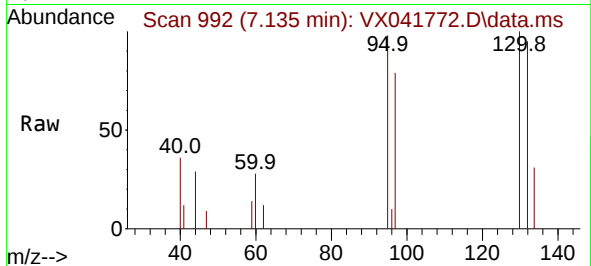




#44
Trichloroethene
Concen: 1.020 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX041772.D
Acq: 06 Jun 2024 13:10

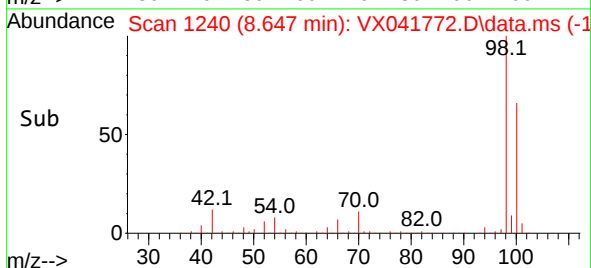
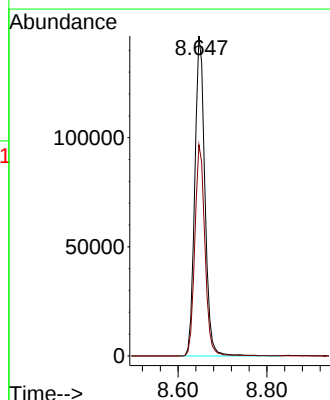
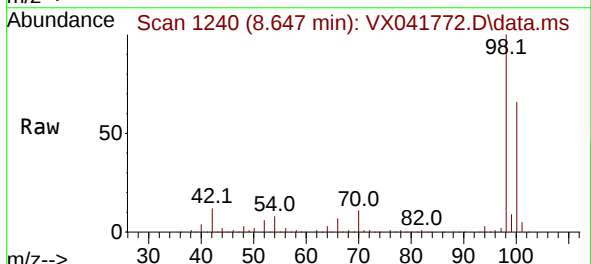
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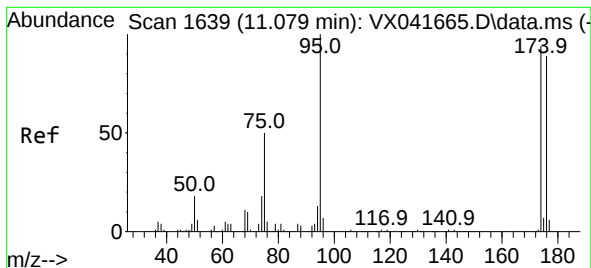
Tgt Ion:130 Resp: 1428
Ion Ratio Lower Upper
130 100
95 98.0 0.0 204.4



#50
Toluene-d8
Concen: 48.369 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041772.D
Acq: 06 Jun 2024 13:10

Tgt Ion: 98 Resp: 229907
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

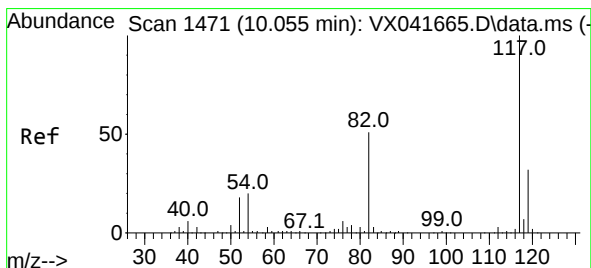
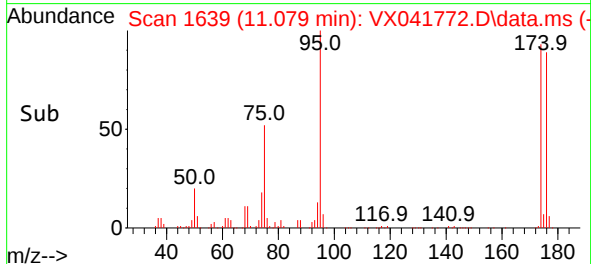
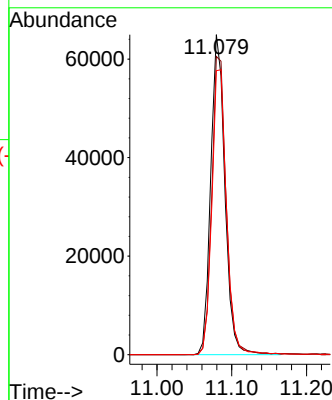
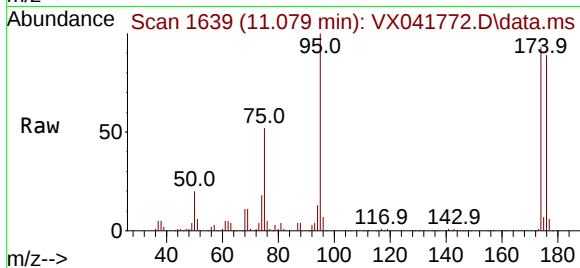




#62
4-Bromofluorobenzene
Concen: 48.754 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041772.D
Acq: 06 Jun 2024 13:10

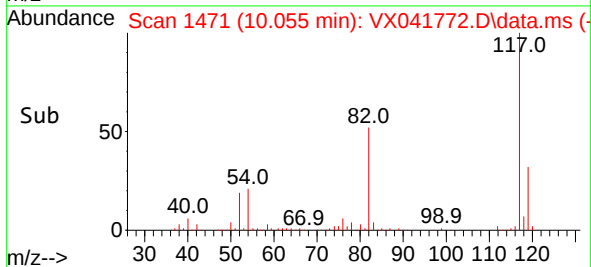
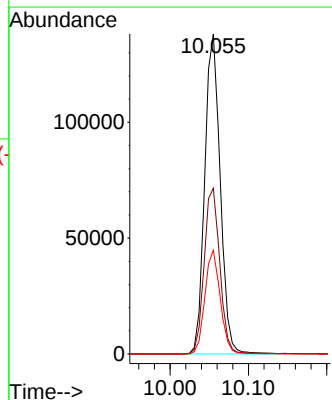
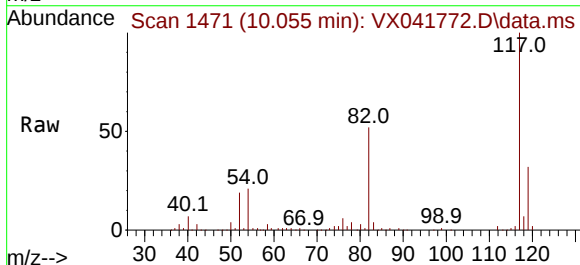
Instrument :
MSVOA_X
ClientSampleId :
SY-12I

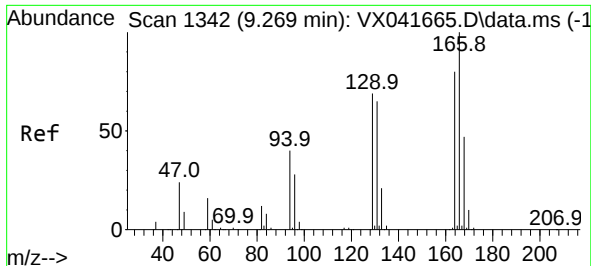
Tgt Ion: 95 Resp: 85529
Ion Ratio Lower Upper
95 100
174 95.4 0.0 135.6
176 92.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041772.D
Acq: 06 Jun 2024 13:10

Tgt Ion: 117 Resp: 189430
Ion Ratio Lower Upper
117 100
82 51.8 46.2 69.4
119 32.4 25.5 38.3

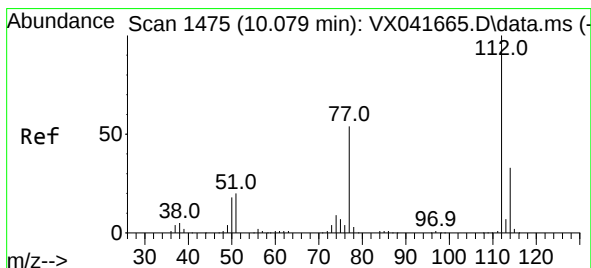
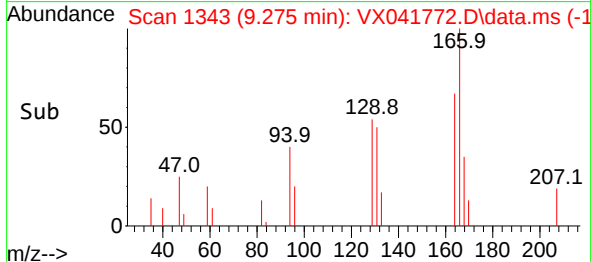
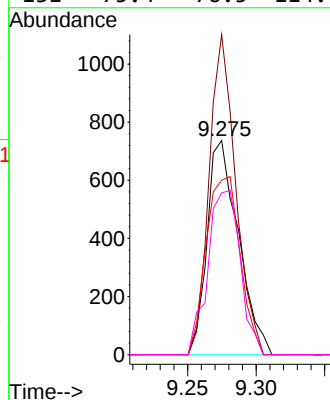
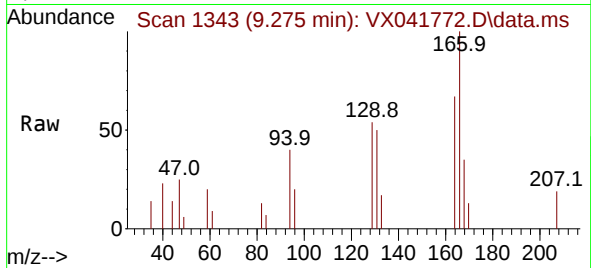




#64
Tetrachloroethene
Concen: 0.826 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041772.D
Acq: 06 Jun 2024 13:10

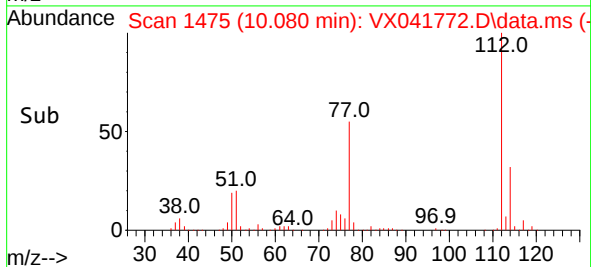
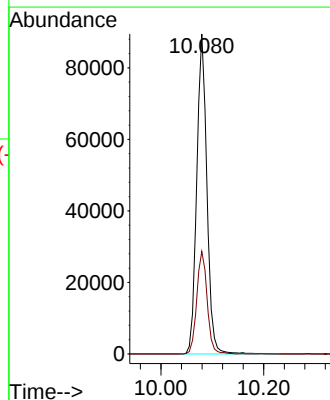
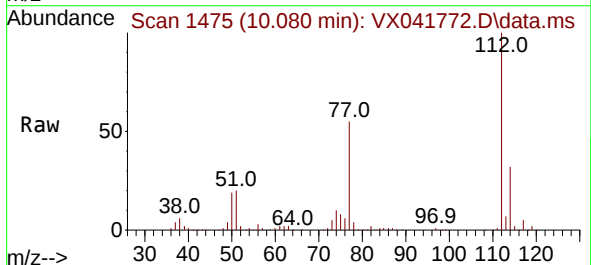
Instrument :
MSVOA_X
ClientSampleId :
SY-12I

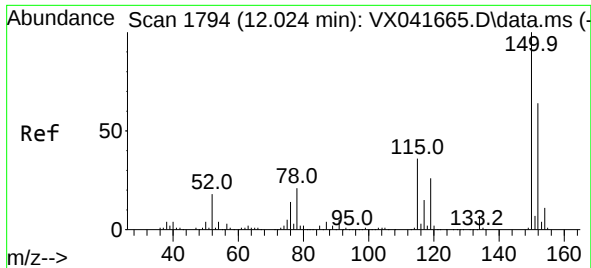
Tgt Ion:164 Resp: 1173
Ion Ratio Lower Upper
164 100
166 149.4 102.7 154.1
129 81.4 80.4 120.6
131 75.4 76.5 114.7#



#65
Chlorobenzene
Concen: 30.170 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041772.D
Acq: 06 Jun 2024 13:10

Tgt Ion:112 Resp: 122655
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

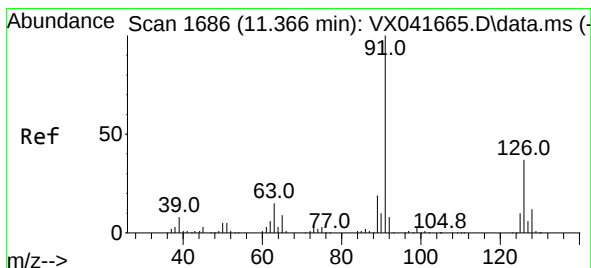
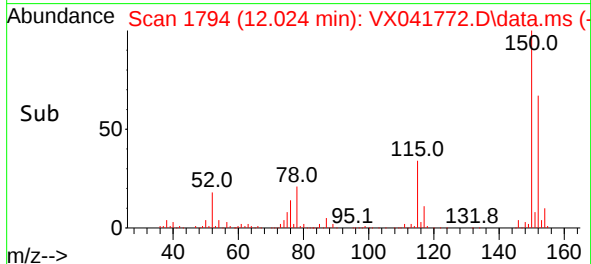
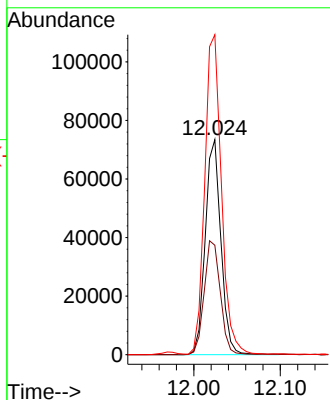
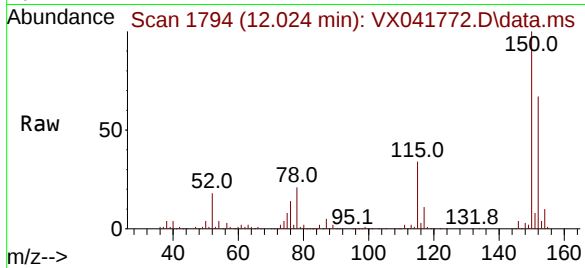




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041772.D
Acq: 06 Jun 2024 13:10

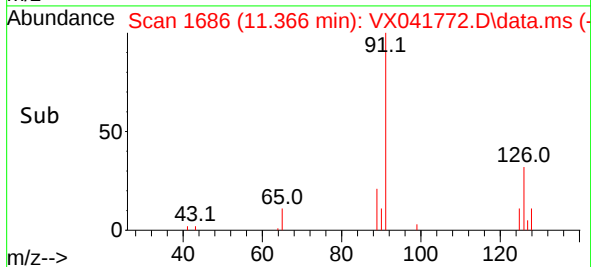
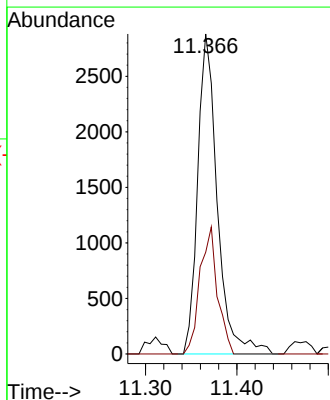
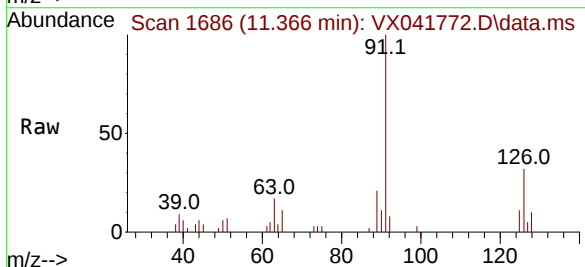
Instrument :
MSVOA_X
ClientSampleId :
SY-12I

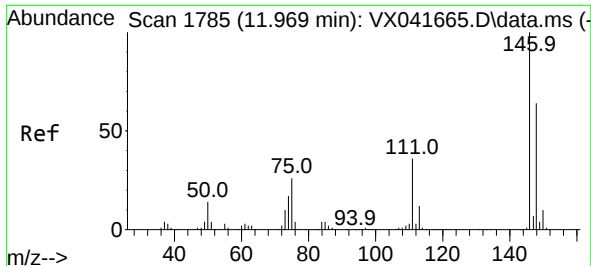
Tgt Ion:152 Resp: 92138
Ion Ratio Lower Upper
152 100
115 55.0 43.3 129.9
150 157.8 0.0 345.0



#79
2-Chlorotoluene
Concen: 1.065 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041772.D
Acq: 06 Jun 2024 13:10

Tgt Ion: 91 Resp: 4297
Ion Ratio Lower Upper
91 100
126 35.5 16.3 48.8

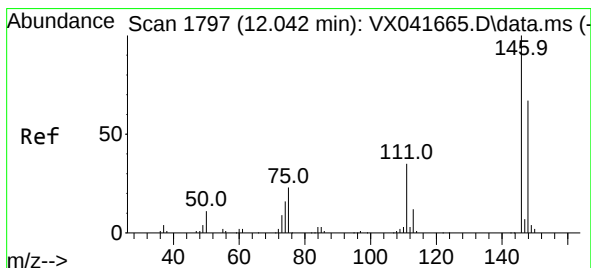
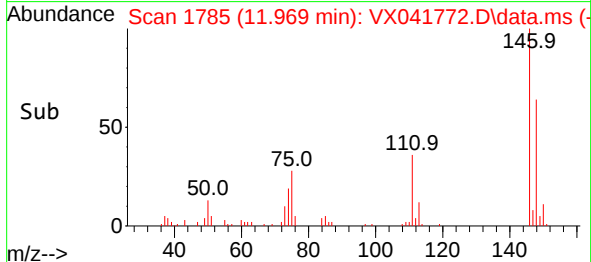
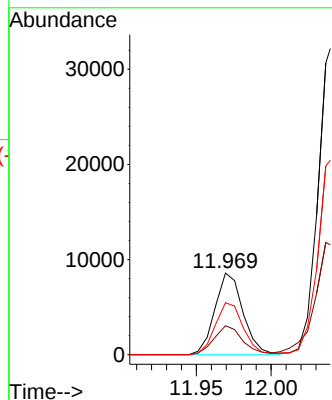
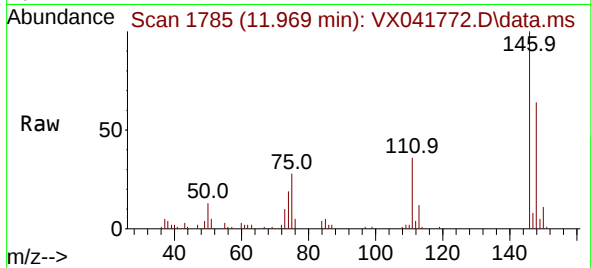




#87
1,3-Dichlorobenzene
Concen: 3.732 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041772.D
Acq: 06 Jun 2024 13:10

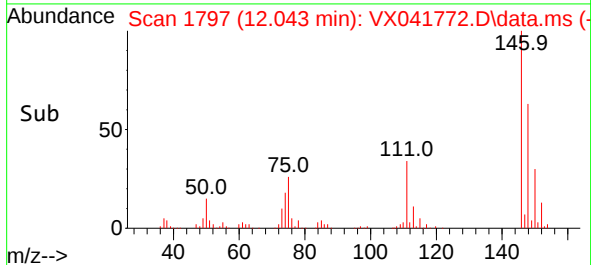
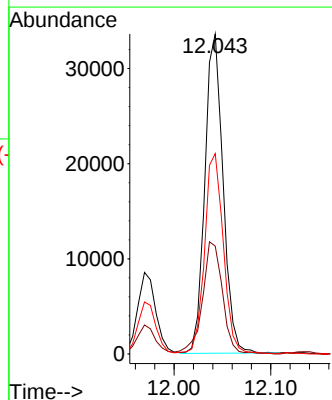
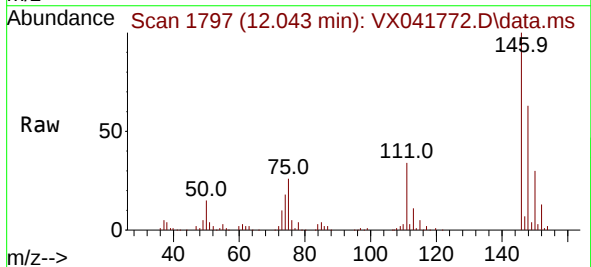
Instrument :
MSVOA_X
ClientSampleId :
SY-12I

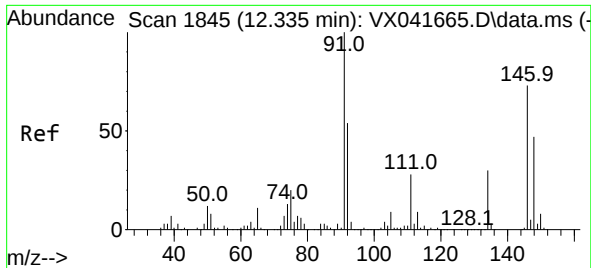
Tgt Ion:146 Resp: 11244
Ion Ratio Lower Upper
146 100
111 36.0 22.1 66.1
148 63.0 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 14.168 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041772.D
Acq: 06 Jun 2024 13:10

Tgt Ion:146 Resp: 44002
Ion Ratio Lower Upper
146 100
111 38.8 21.3 63.7
148 64.4 31.8 95.4





#91
 1,2-Dichlorobenzene
 Concen: 6.792 ug/l
 RT: 12.335 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041772.D
 Acq: 06 Jun 2024 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-12I

Tgt Ion:	146	Resp:	20844
Ion Ratio	Lower	Upper	
146	100		
111	37.8	22.4	67.0
148	63.8	31.6	95.0

