

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043607.D
 Acq On : 29 Oct 2024 19:06
 Operator : JC/MD
 Sample : P4562-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:37:37 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)

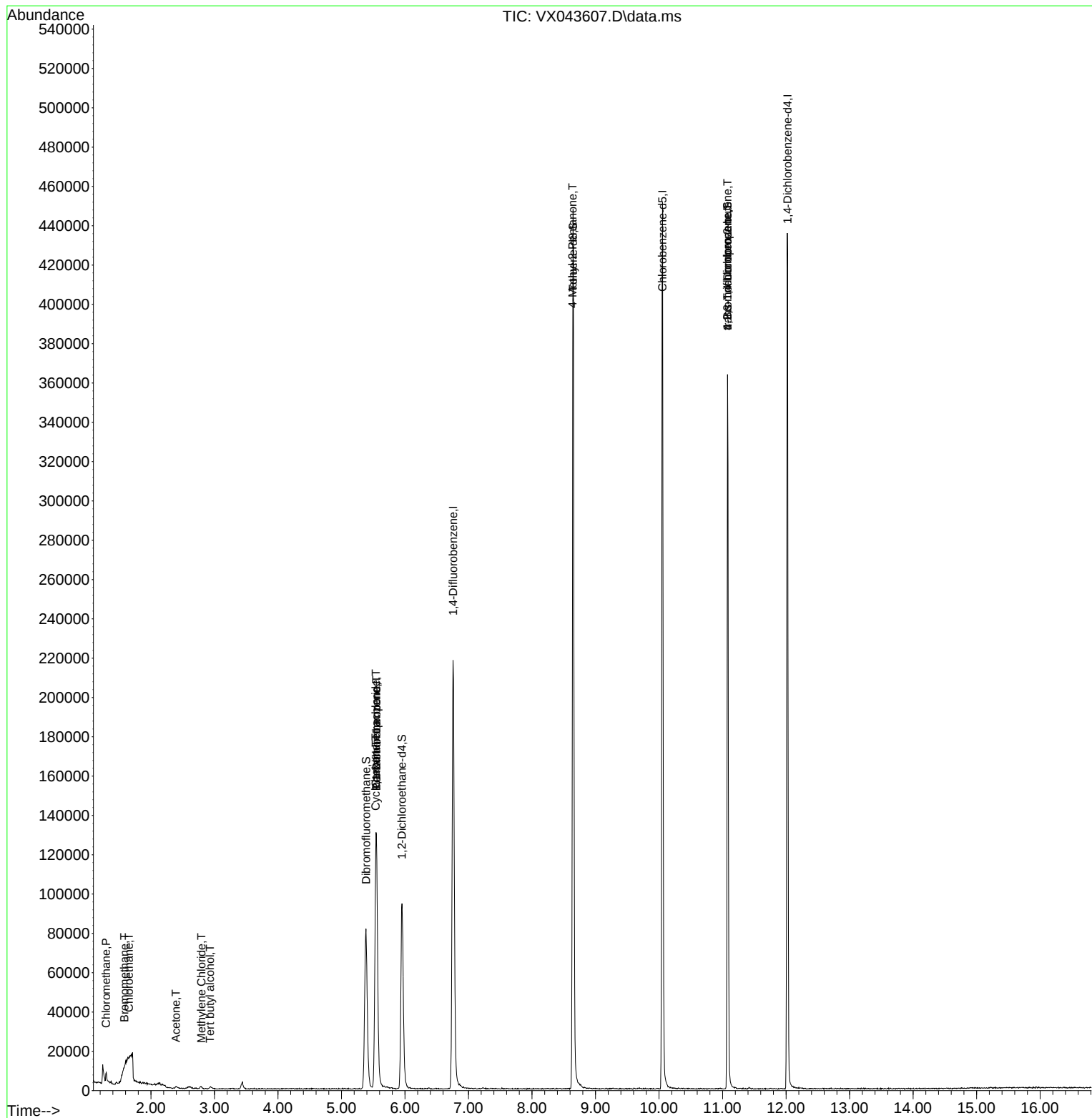
Internal Standards						
1) Pentafluorobenzene	5.550	168	129804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91866	44.385	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.760%
35) Dibromofluoromethane	5.385	113	73155	45.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.200%
50) Toluene-d8	8.647	98	284870	50.739	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.480%
62) 4-Bromofluorobenzene	11.079	95	101846	48.955	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.900%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	2913	1.642	ug/l	98
5) Bromomethane	1.581	94	233	0.347	ug/l #	2
6) Chloroethane	1.654	64	147	0.253	ug/l	90
11) Tert butyl alcohol	2.928	59	413	1.069	ug/l #	100
16) Acetone	2.392	43	1209	1.471	ug/l #	82
20) Methylene Chloride	2.794	84	635	0.358	ug/l #	77
31) Cyclohexane	5.538	56	2408	1.102	ug/l #	30
36) 1,1-Dichloropropene	5.550	75	10051	5.226	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12987	6.112	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1161	0.493	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48692	23.414	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	48692	64.413	ug/l #	7

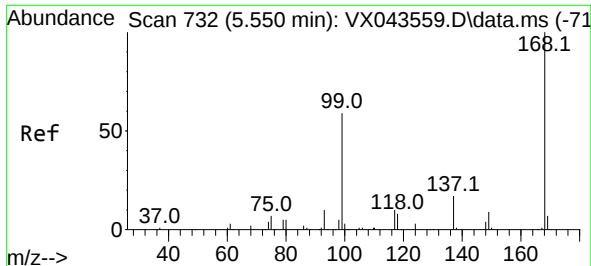
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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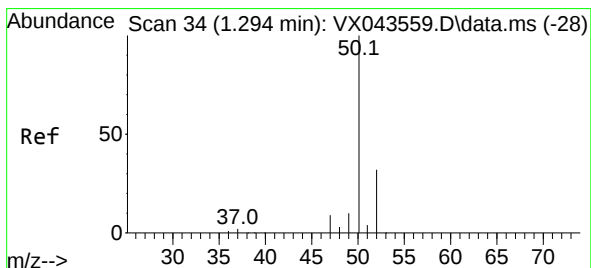
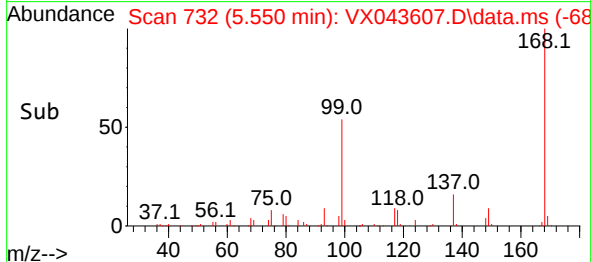
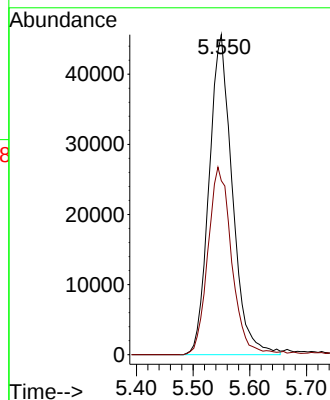
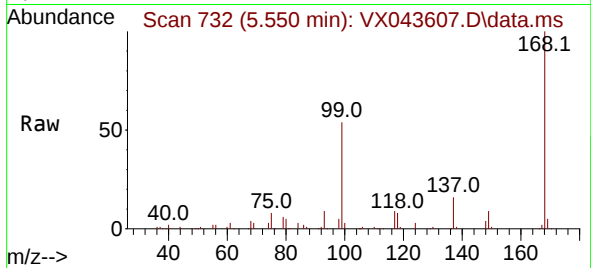




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

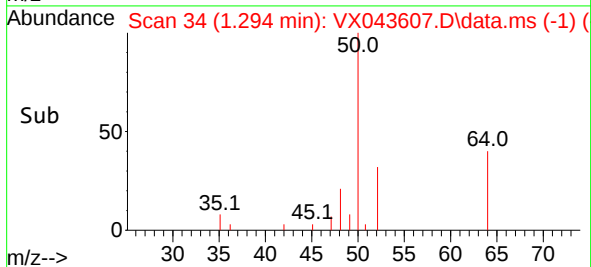
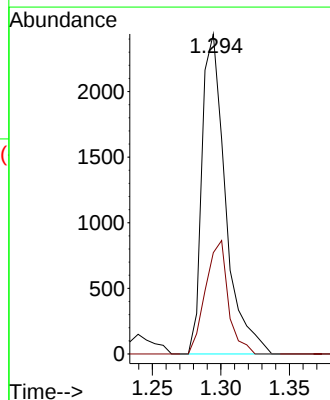
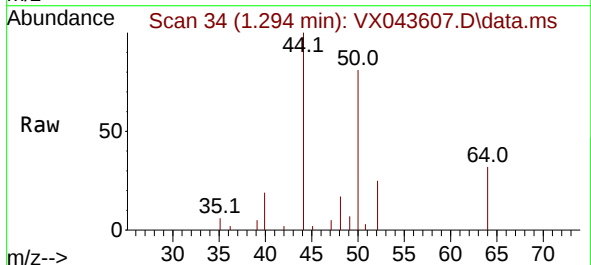
Instrument :
MSVOA_X
ClientSampleId :

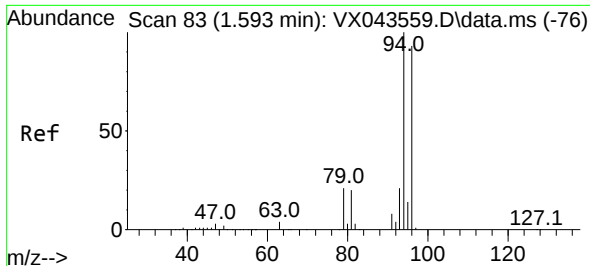
Tgt Ion:168 Resp: 129804
Ion Ratio Lower Upper
168 100
99 54.4 52.6 78.8



#3
Chloromethane
Concen: 1.642 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

Tgt Ion: 50 Resp: 2913
Ion Ratio Lower Upper
50 100
52 31.7 26.3 39.5

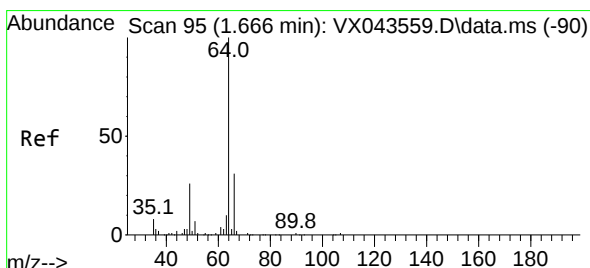
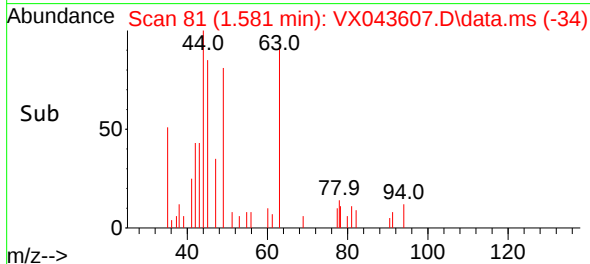
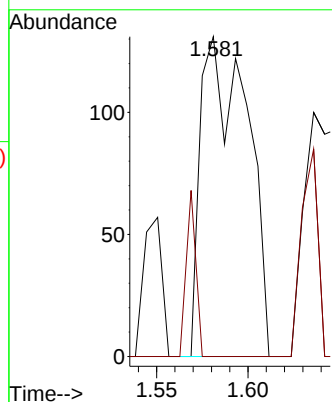
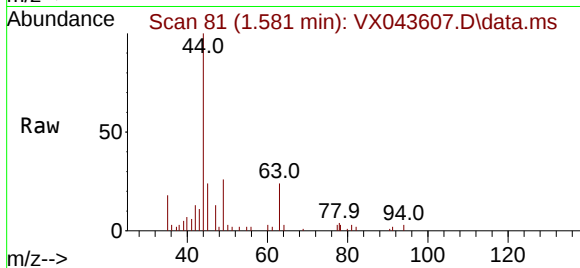




#5
Bromomethane
Concen: 0.347 ug/l
RT: 1.581 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

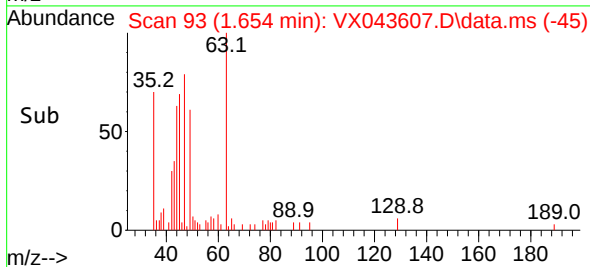
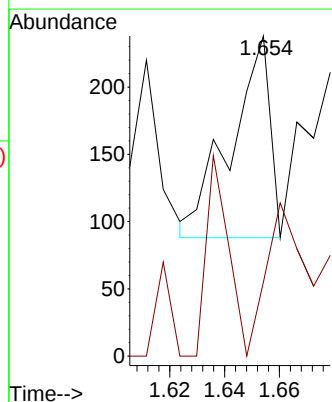
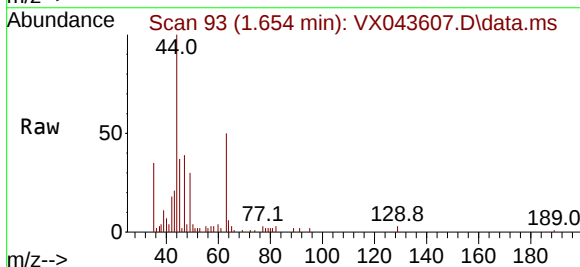
Instrument :
MSVOA_X
ClientSampleId :

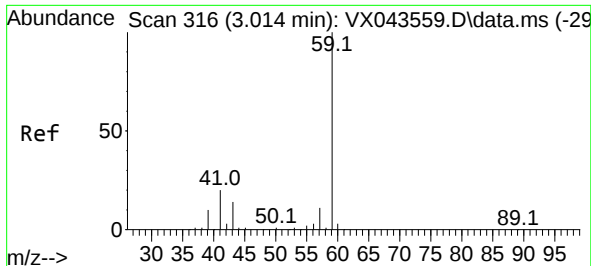
Tgt Ion: 94 Resp: 233
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#



#6
Chloroethane
Concen: 0.253 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.006 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

Tgt Ion: 64 Resp: 147
Ion Ratio Lower Upper
64 100
66 36.7 25.1 37.7





#11

Tert butyl alcohol

Concen: 1.069 ug/l

RT: 2.928 min Scan# 30

Delta R.T. -0.122 min

Lab File: VX043607.D

Acq: 29 Oct 2024 19:06

Instrument :

MSVOA_X

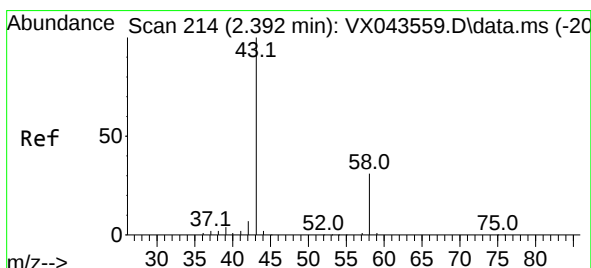
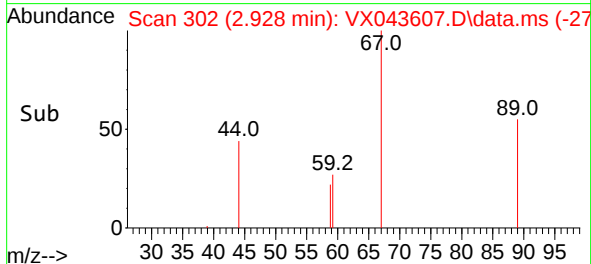
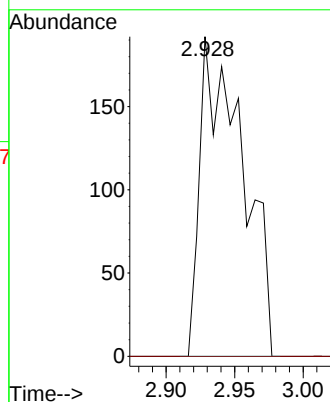
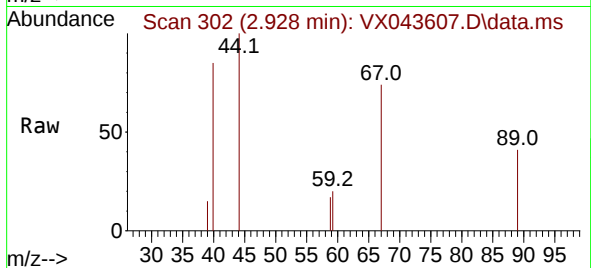
ClientSampleId :

Tgt Ion: 59 Resp: 413

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#16

Acetone

Concen: 1.471 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX043607.D

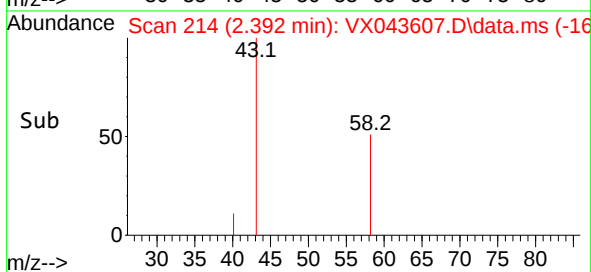
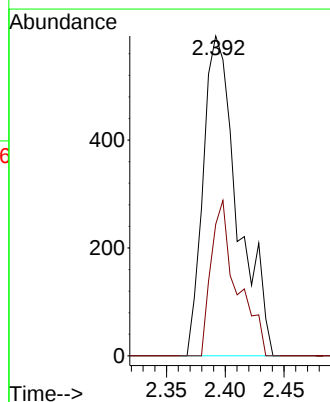
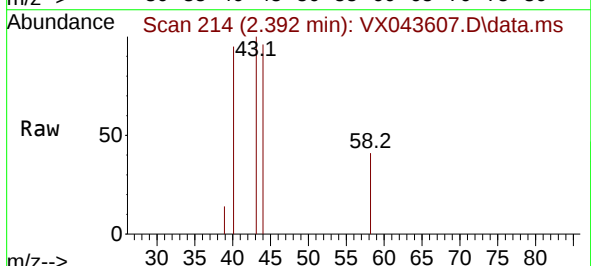
Acq: 29 Oct 2024 19:06

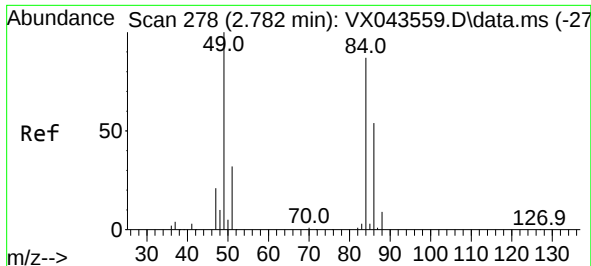
Tgt Ion: 43 Resp: 1209

Ion Ratio Lower Upper

43 100

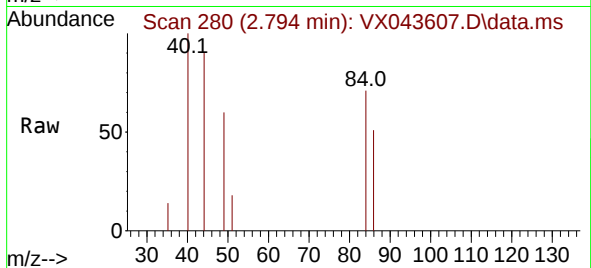
58 41.1 25.1 37.7#



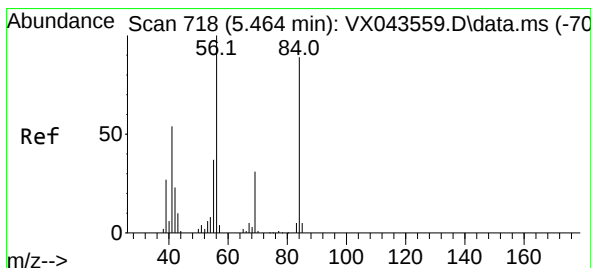
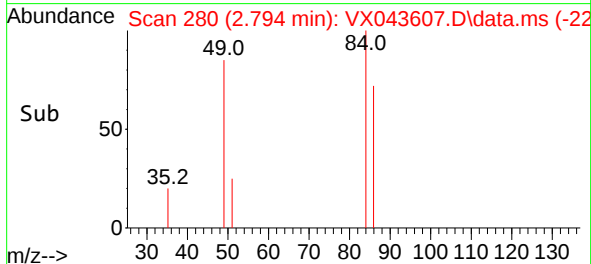
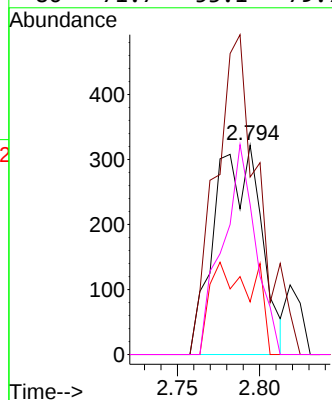


#20
Methylene Chloride
Concen: 0.358 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

Instrument :
MSVOA_X
ClientSampleId :

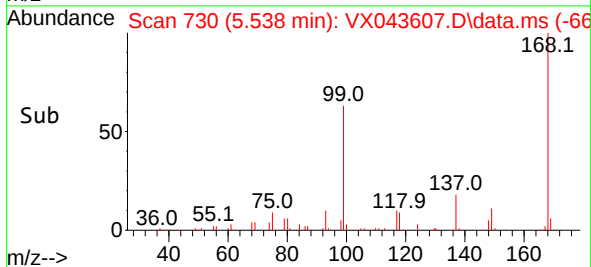
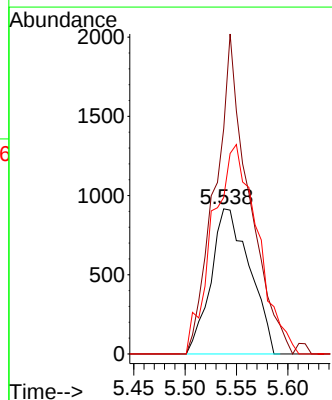
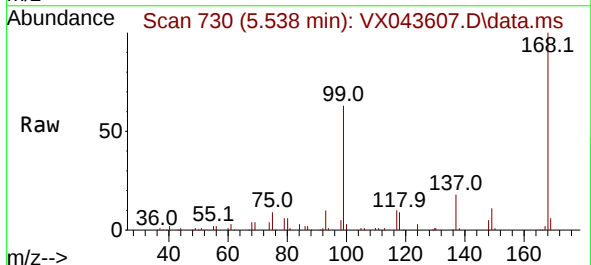


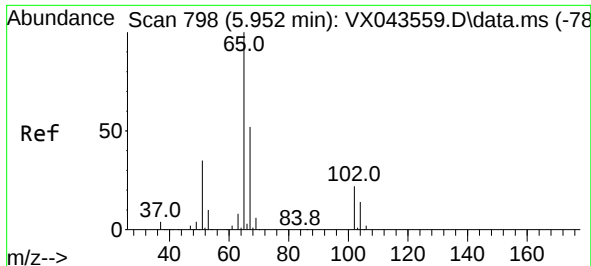
Tgt Ion:	84	Resp:	635
Ion	Ratio	Lower	Upper
84	100		
49	84.8	97.0	145.6#
51	25.2	29.8	44.8#
86	71.7	53.1	79.7



#31
Cyclohexane
Concen: 1.102 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

Tgt Ion:	56	Resp:	2408
Ion	Ratio	Lower	Upper
56	100		
69	155.2	24.9	37.3#
84	107.9	73.3	109.9





#33

1,2-Dichloroethane-d4

Concen: 44.385 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043607.D

Acq: 29 Oct 2024 19:06

Instrument :

MSVOA_X

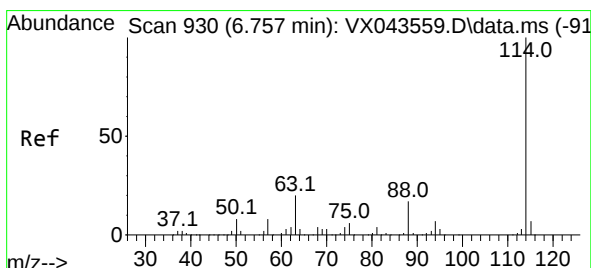
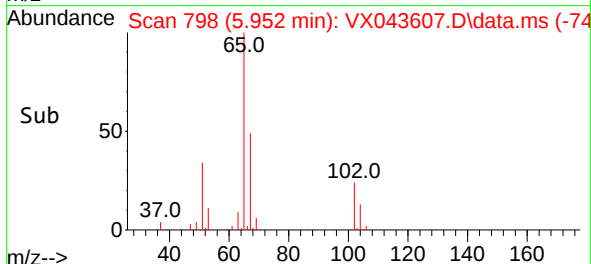
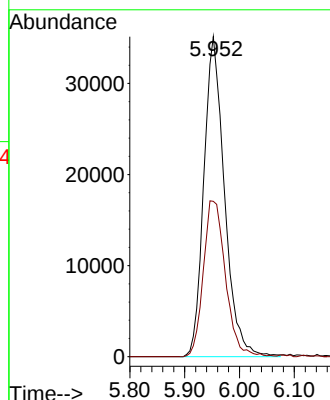
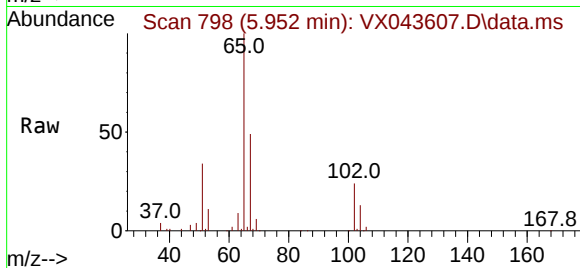
ClientSampleId :

Tgt Ion: 65 Resp: 91866

Ion Ratio Lower Upper

65 100

67 52.3 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: VX043607.D

Acq: 29 Oct 2024 19:06

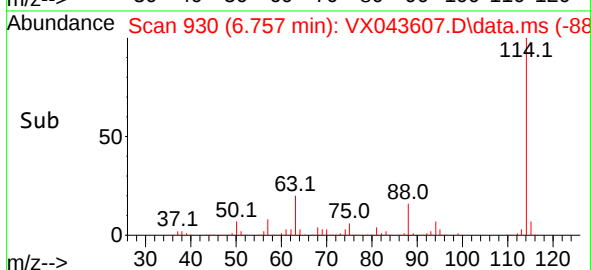
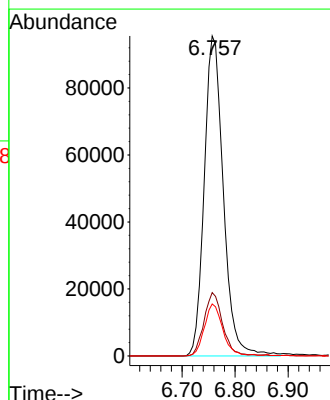
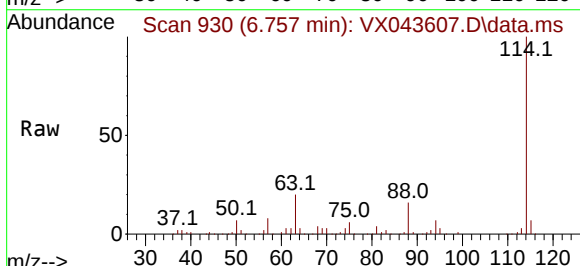
Tgt Ion: 114 Resp: 239182

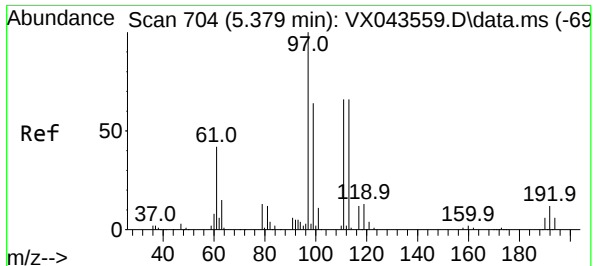
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.2

88 16.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 45.105 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.000 min

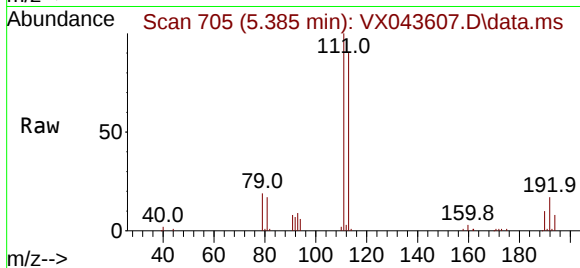
Lab File: VX043607.D

Acq: 29 Oct 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :



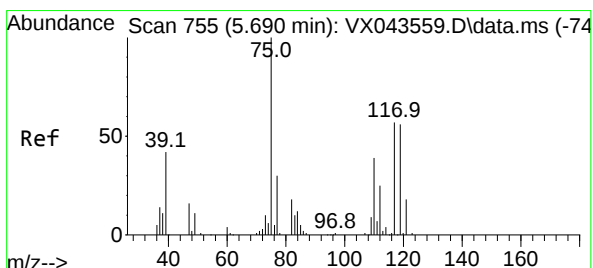
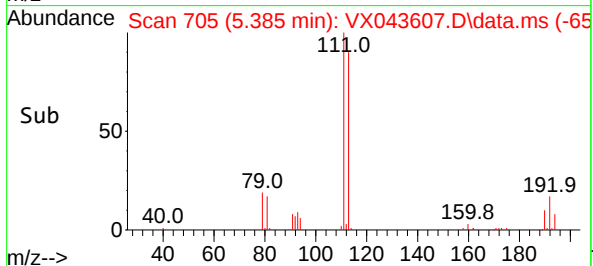
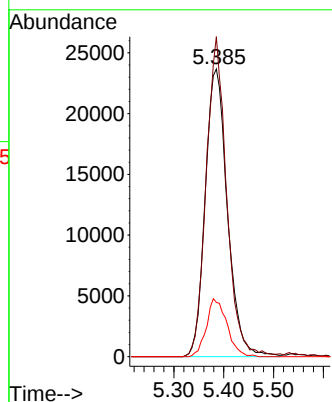
Tgt Ion:113 Resp: 73155

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 18.7 14.1 21.1



#36

1,1-Dichloropropene

Concen: 5.226 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX043607.D

Acq: 29 Oct 2024 19:06

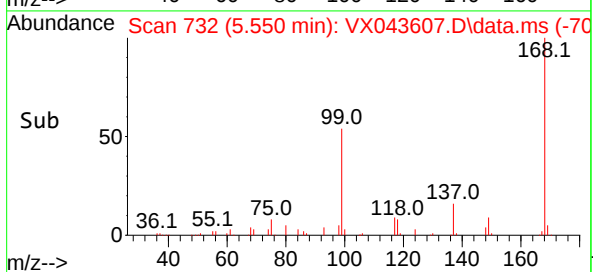
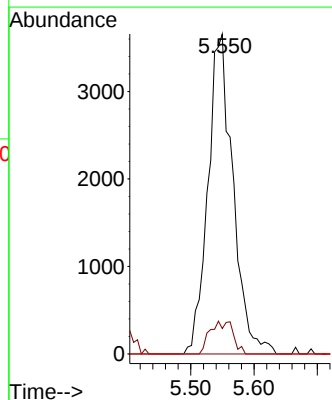
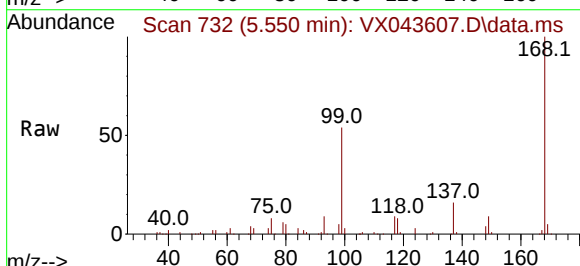
Tgt Ion: 75 Resp: 10051

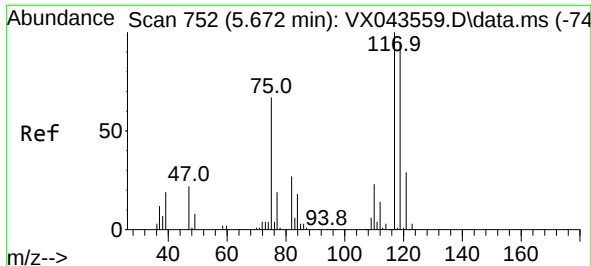
Ion Ratio Lower Upper

75 100

110 9.5 17.9 53.7#

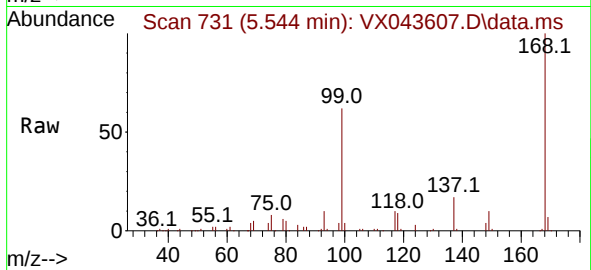
77 0.0 25.0 37.4#



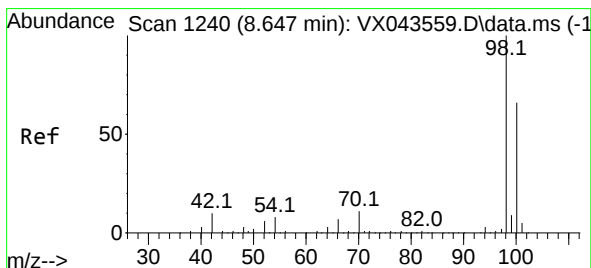
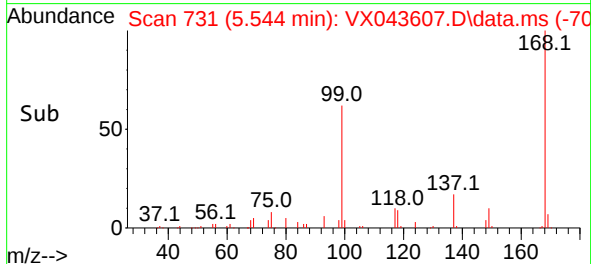
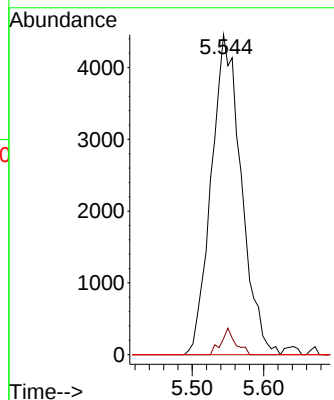


#38
Carbon Tetrachloride
Concen: 6.112 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

Instrument :
MSVOA_X
ClientSampleId :

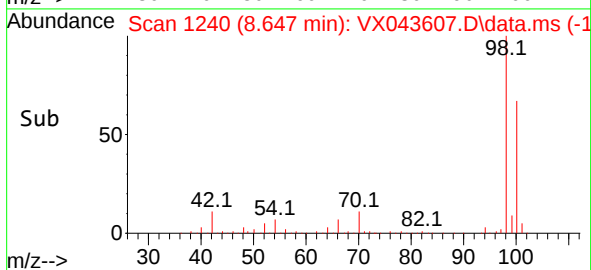
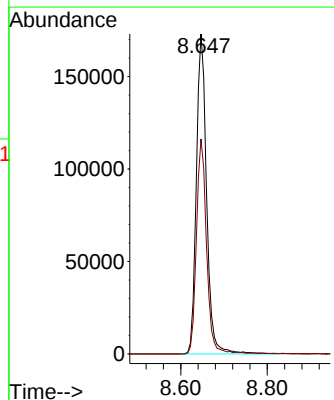
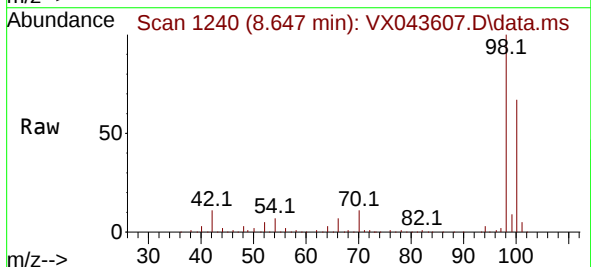


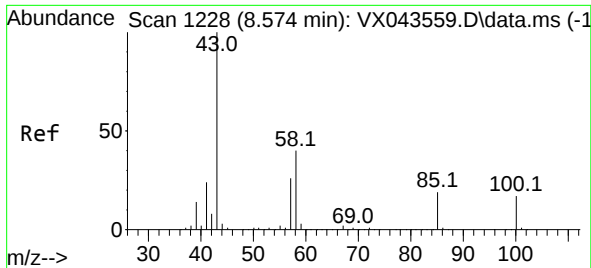
Tgt Ion:117 Resp: 12987
Ion Ratio Lower Upper
117 100
119 5.0 77.0 115.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.739 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

Tgt Ion: 98 Resp: 284870
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.2

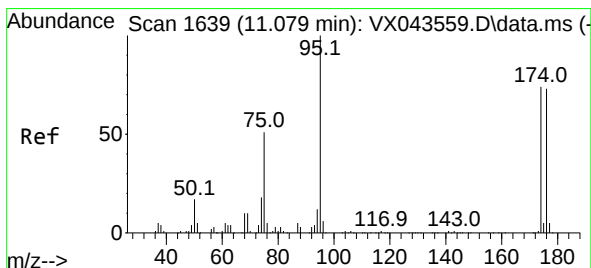
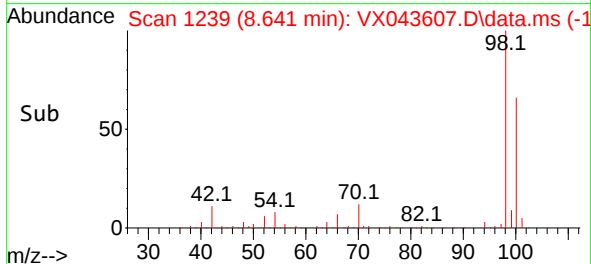
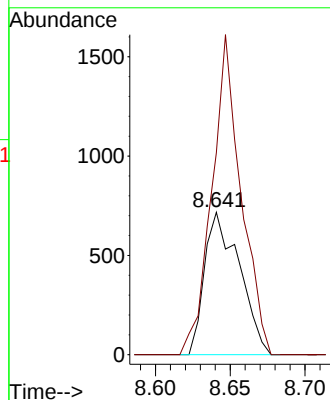
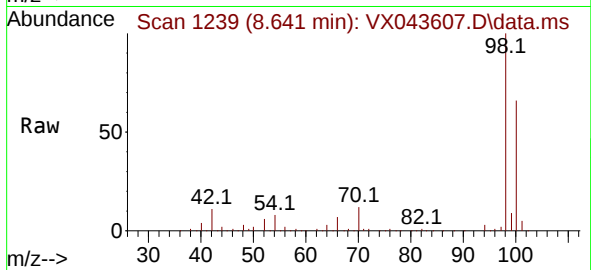




#51
4-Methyl-2-Pentanone
Concen: 0.493 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.061 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

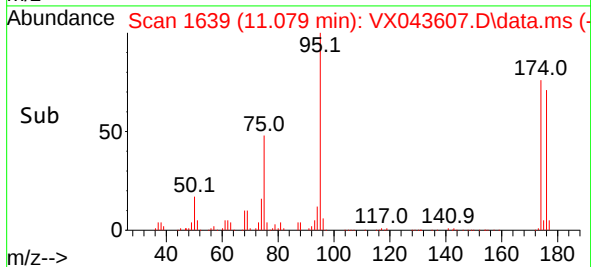
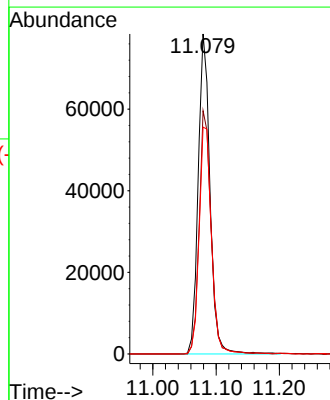
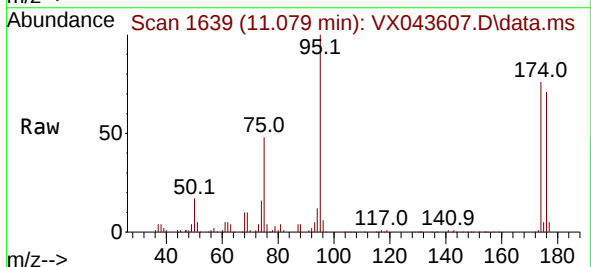
Instrument :
MSVOA_X
ClientSampleId :

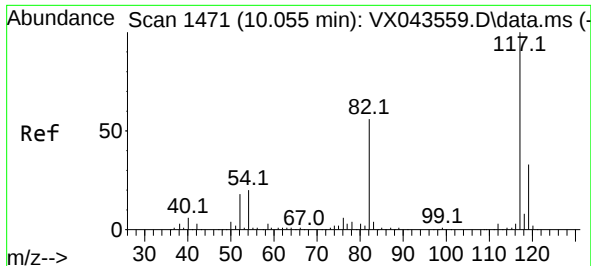
Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
58 188.4 31.7 47.5#



#62
4-Bromofluorobenzene
Concen: 48.955 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

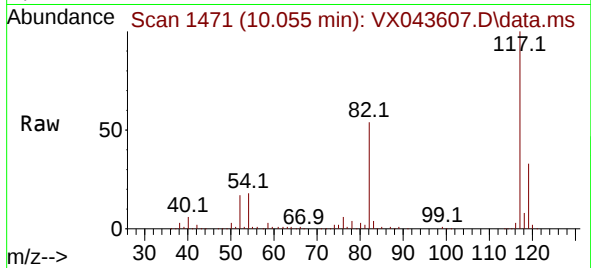
Tgt Ion: 95 Resp: 101846
Ion Ratio Lower Upper
95 100
174 76.6 0.0 146.6
176 74.5 0.0 139.6



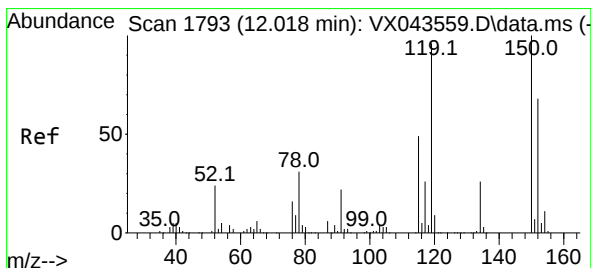
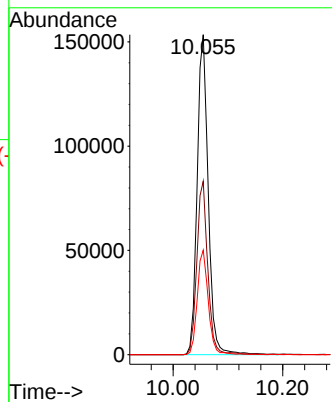
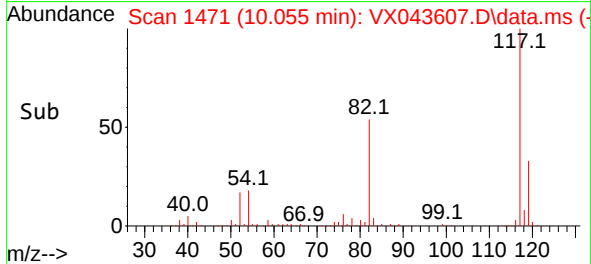


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

Instrument :
MSVOA_X
ClientSampleId :

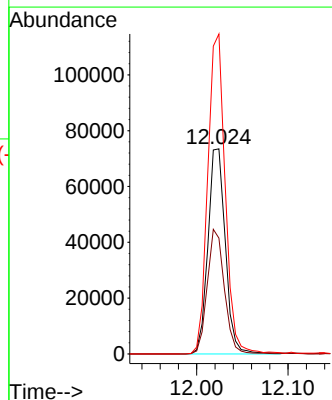
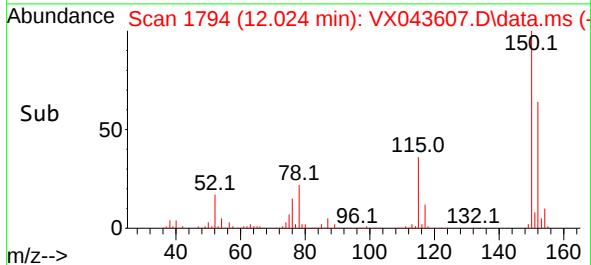
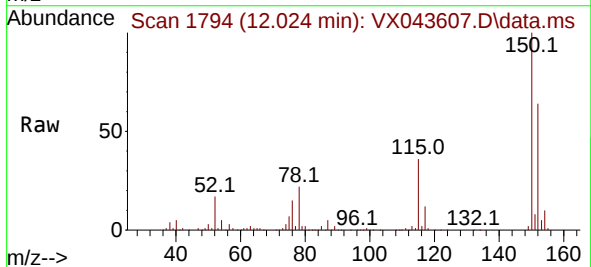


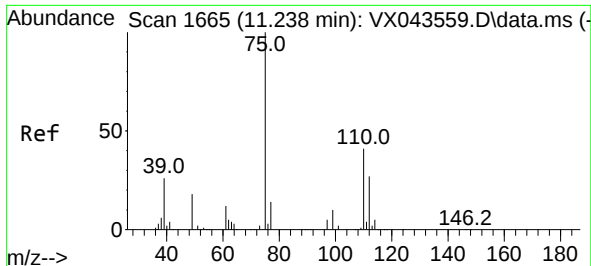
Tgt Ion:117 Resp: 215768
Ion Ratio Lower Upper
117 100
82 54.2 42.1 63.1
119 32.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

Tgt Ion:152 Resp: 97263
Ion Ratio Lower Upper
152 100
115 59.8 42.9 128.7
150 156.1 0.0 343.6

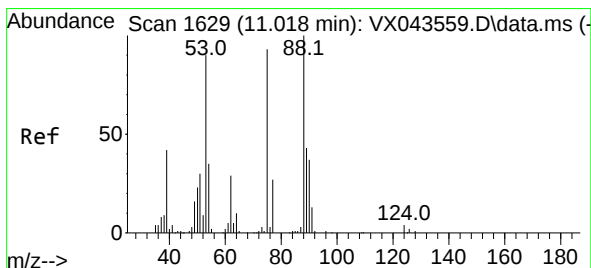
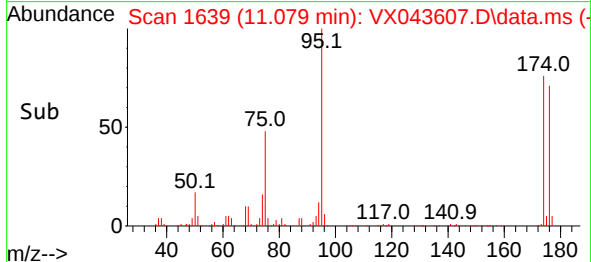
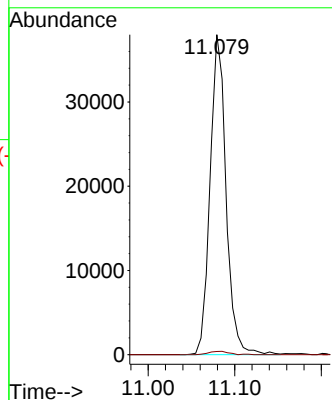
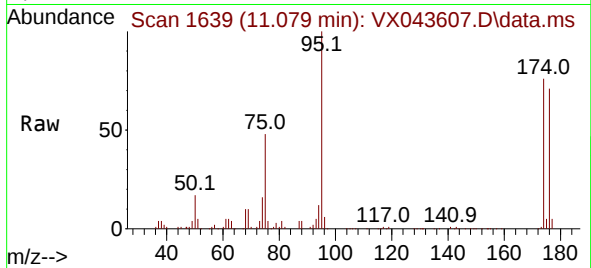




#76
1,2,3-Trichloropropane
Concen: 23.414 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 48692
Ion Ratio Lower Upper
75 100
77 1.4 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

Tgt Ion: 75 Resp: 48692
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#

