

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103124\
 Data File : VX043646.D
 Acq On : 31 Oct 2024 13:17
 Operator : JC/MD
 Sample : P4617-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 01 00:52:22 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)

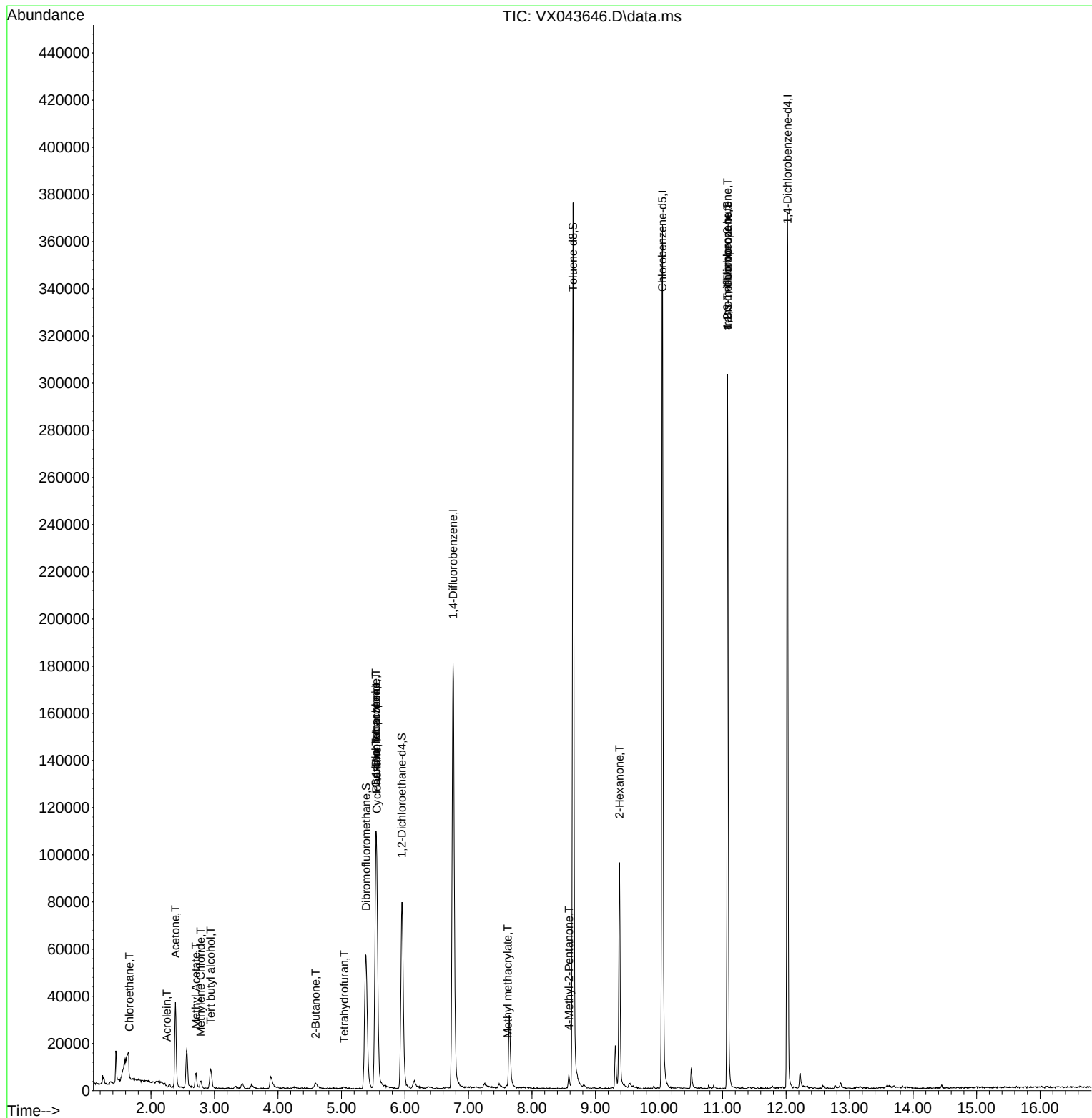
Internal Standards						
1) Pentafluorobenzene	5.550	168	111169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	203279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76177	42.974	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.940%
35) Dibromofluoromethane	5.385	113	53119	38.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	77.080%
50) Toluene-d8	8.647	98	240873	50.480	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.960%
62) 4-Bromofluorobenzene	11.079	95	84536	47.811	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.620%
Target Compounds						
					Qvalue	
6) Chloroethane	1.660	64	145	0.292	ug/l #	43
11) Tert butyl alcohol	2.941	59	4454	13.462	ug/l #	100
13) Acrolein	2.252	56	52	0.201	ug/l #	15
16) Acetone	2.386	43	39120	55.575	ug/l	99
18) Methyl Acetate	2.709	43	8218	3.995	ug/l	98
20) Methylene Chloride	2.782	84	1621	1.069	ug/l #	86
25) 2-Butanone	4.593	43	2817	2.743	ug/l	92
29) Tetrahydrofuran	5.044	42	381	0.571	ug/l #	36
31) Cyclohexane	5.556	56	2145	1.146	ug/l #	39
36) 1,1-Dichloropropene	5.544	75	8170	4.998	ug/l #	51
38) Carbon Tetrachloride	5.544	117	11108	6.151	ug/l #	17
48) Methyl methacrylate	7.617	41	2637	1.695	ug/l #	21
51) 4-Methyl-2-Pentanone	8.580	43	3943	1.971	ug/l	94
59) 2-Hexanone	9.378	43	66763	43.949	ug/l #	24
76) 1,2,3-Trichloropropane	11.079	75	40804	23.338	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	40804	64.204	ug/l #	7

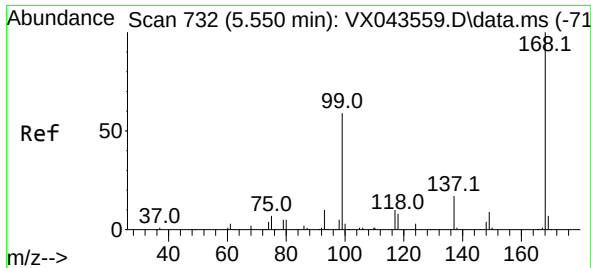
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

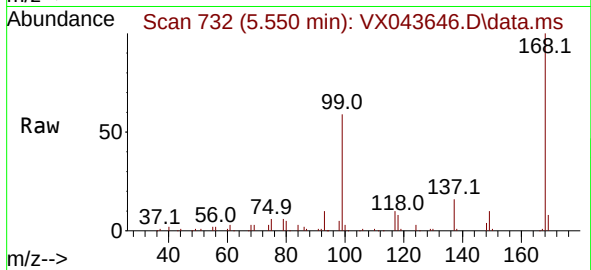
Quant Time: Nov 01 00:52:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
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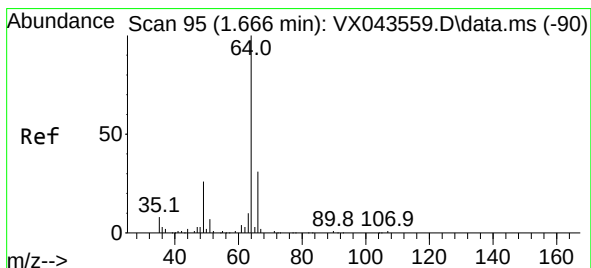
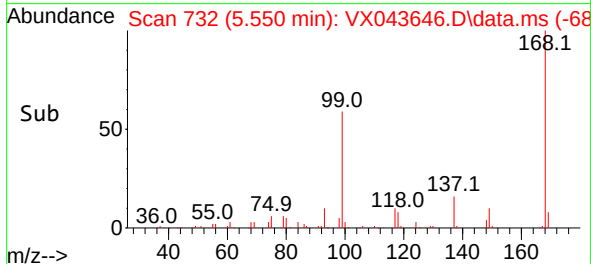
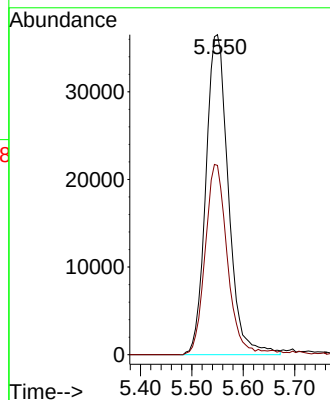


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

Instrument :
MSVOA_X
ClientSampleId :

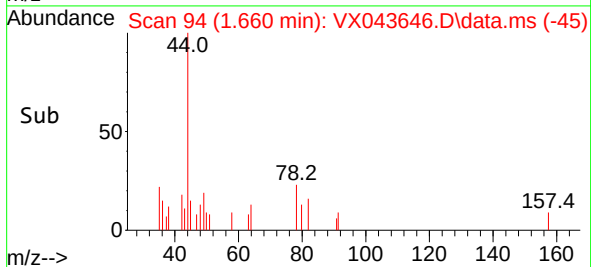
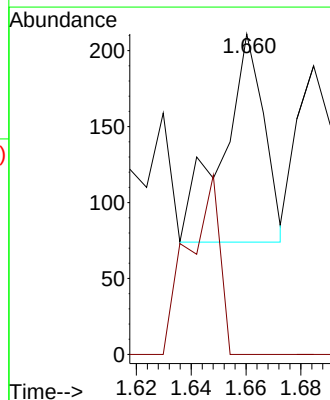
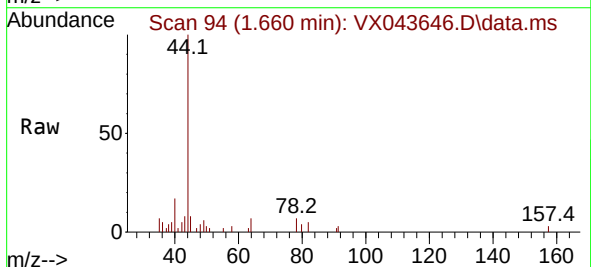


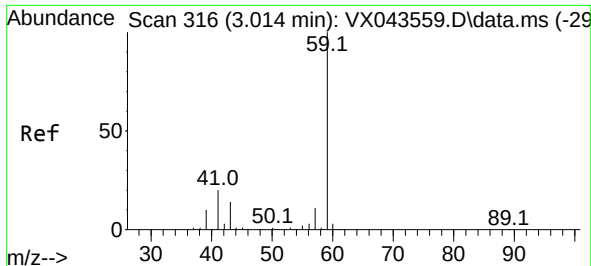
Tgt Ion:168 Resp: 111169
Ion Ratio Lower Upper
168 100
99 59.1 52.6 78.8



#6
Chloroethane
Concen: 0.292 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

Tgt Ion: 64 Resp: 145
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 13.462 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.109 min

Lab File: VX043646.D

Acq: 31 Oct 2024 13:17

Instrument :

MSVOA_X

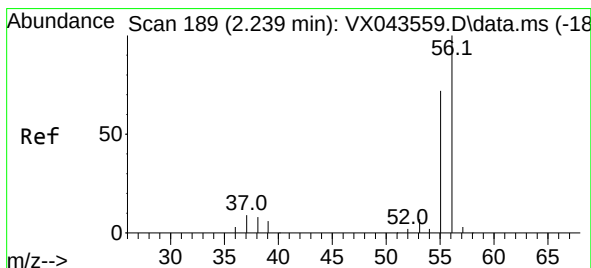
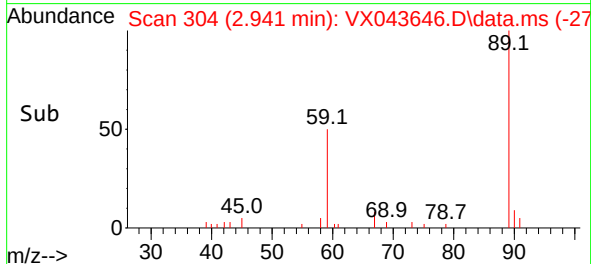
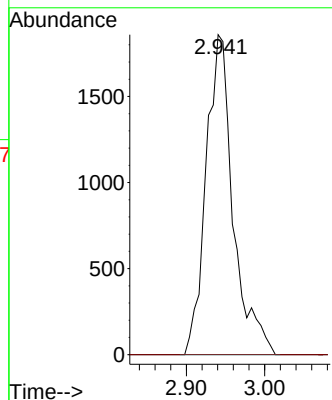
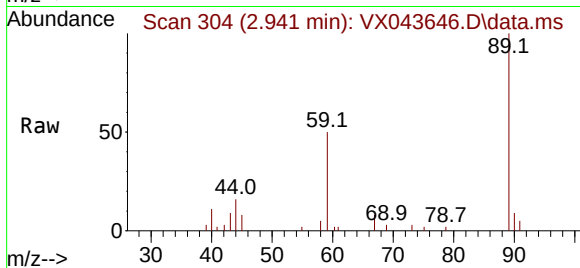
ClientSampleId :

Tgt Ion: 59 Resp: 4454

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#13

Acrolein

Concen: 0.201 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.012 min

Lab File: VX043646.D

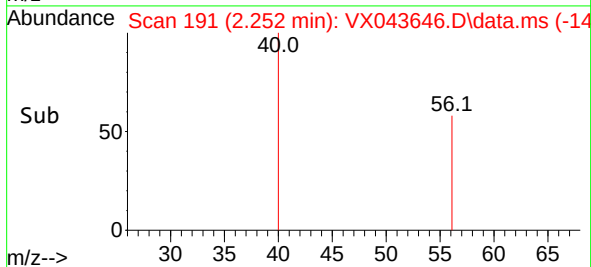
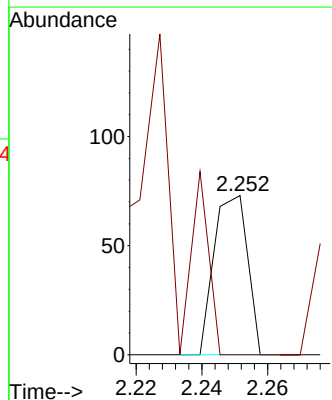
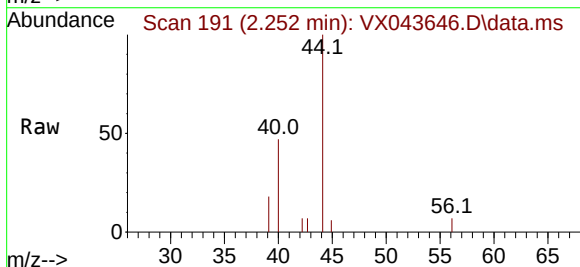
Acq: 31 Oct 2024 13:17

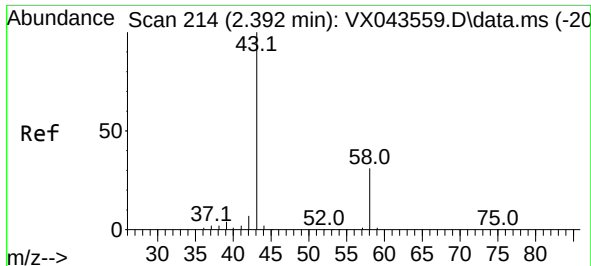
Tgt Ion: 56 Resp: 52

Ion Ratio Lower Upper

56 100

55 0.0 55.3 82.9#

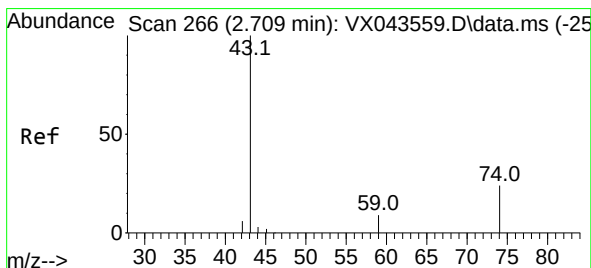
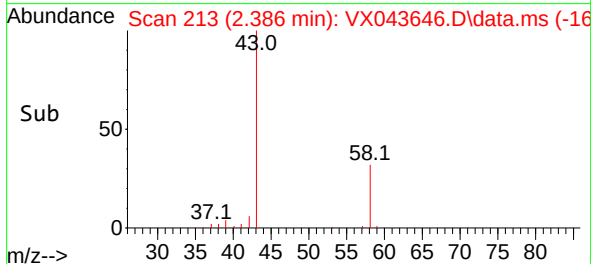
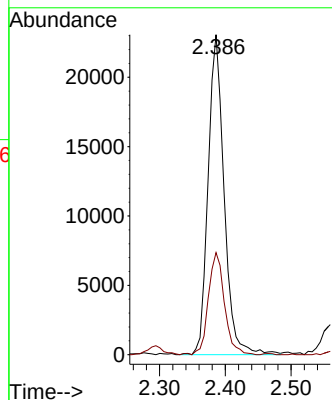
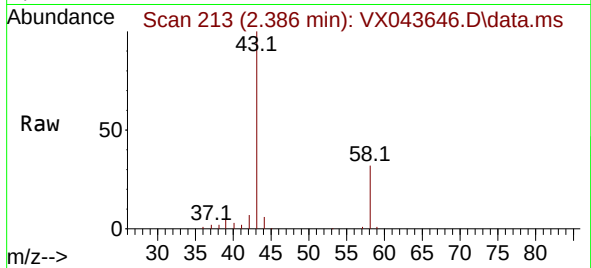




#16
Acetone
Concen: 55.575 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

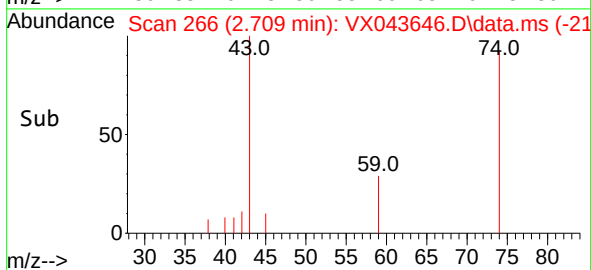
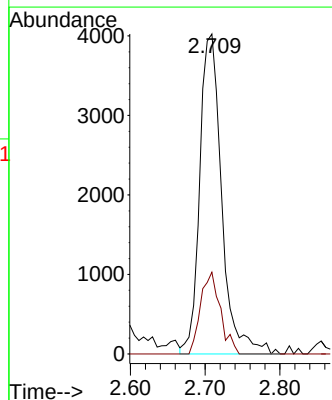
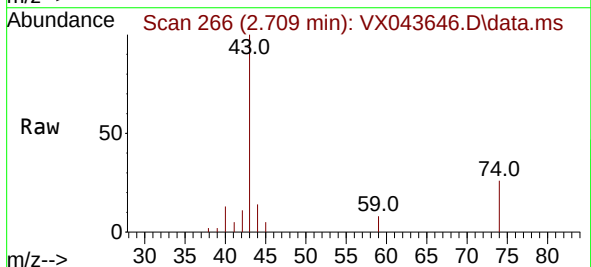
Instrument :
MSVOA_X
ClientSampleId :

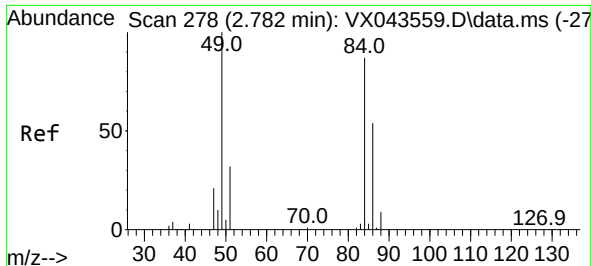
Tgt Ion: 43 Resp: 39120
Ion Ratio Lower Upper
43 100
58 31.9 25.1 37.7



#18
Methyl Acetate
Concen: 3.995 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

Tgt Ion: 43 Resp: 8218
Ion Ratio Lower Upper
43 100
74 22.9 19.1 28.7

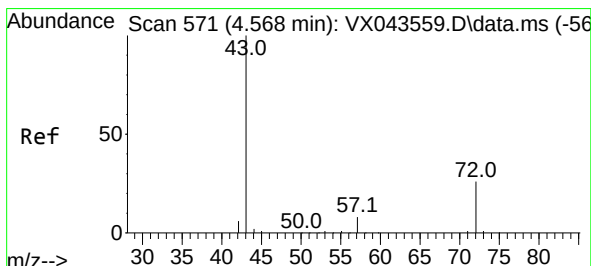
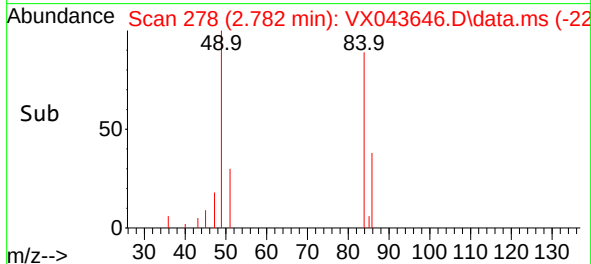
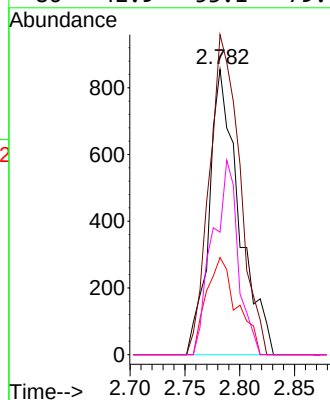
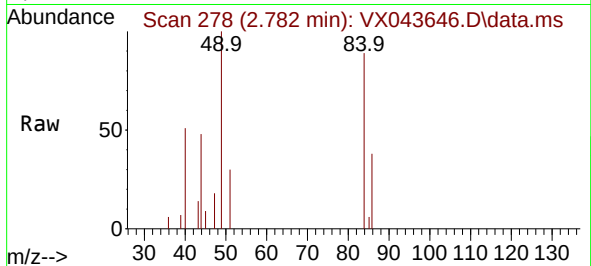




#20
Methylene Chloride
Concen: 1.069 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

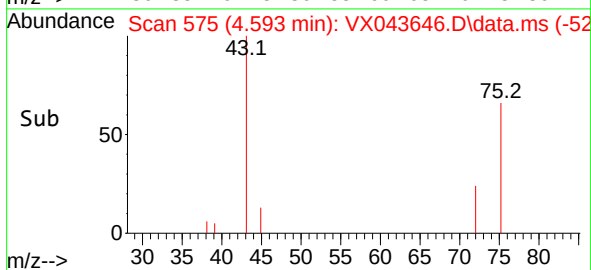
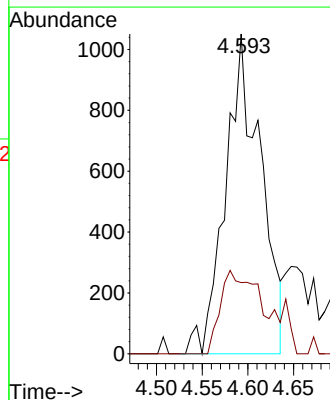
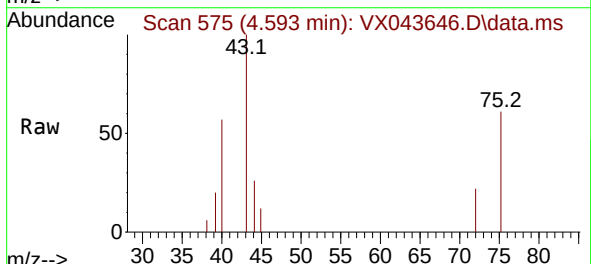
Instrument :
MSVOA_X
ClientSampleId :

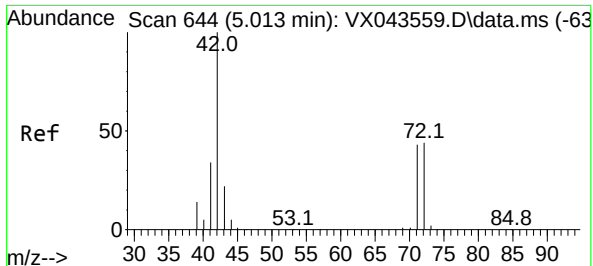
Tgt Ion:	84	Resp:	1621
Ion	Ratio	Lower	Upper
84	100		
49	112.2	97.0	145.6
51	34.0	29.8	44.8
86	42.9	53.1	79.7



#25
2-Butanone
Concen: 2.743 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

Tgt Ion:	43	Resp:	2817
Ion	Ratio	Lower	Upper
43	100		
72	22.3	21.1	31.7





#29

Tetrahydrofuran

Concen: 0.571 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.031 min

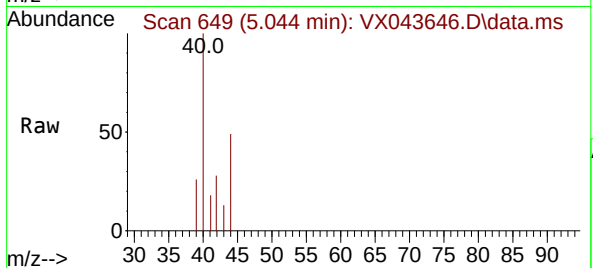
Lab File: VX043646.D

Acq: 31 Oct 2024 13:17

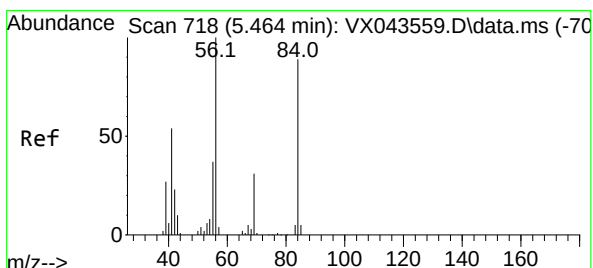
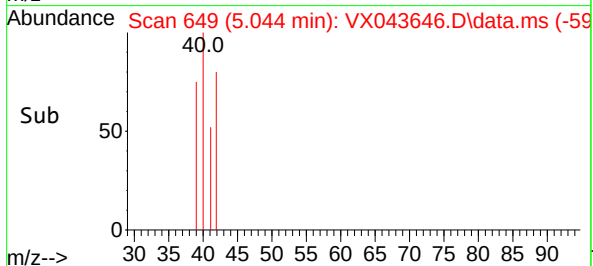
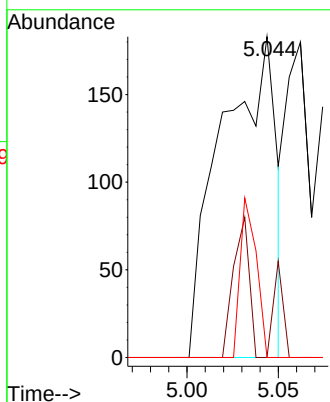
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	381
Ion Ratio	Lower	Upper	
42	100		
72	5.2	36.6	55.0#
71	0.0	34.2	51.4#



#31

Cyclohexane

Concen: 1.146 ug/l

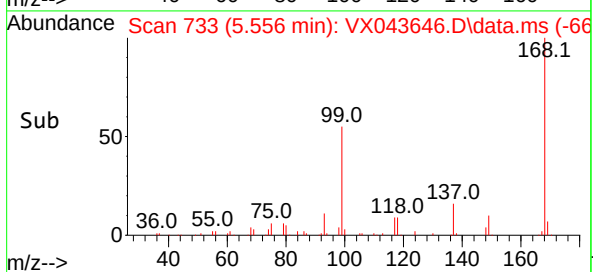
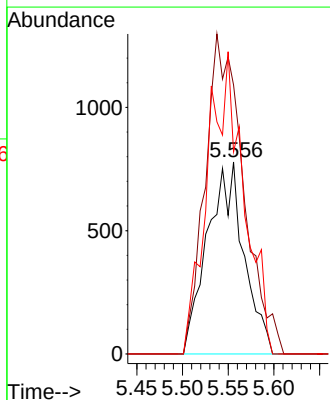
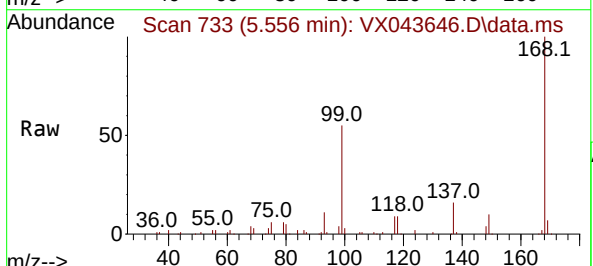
RT: 5.556 min Scan# 733

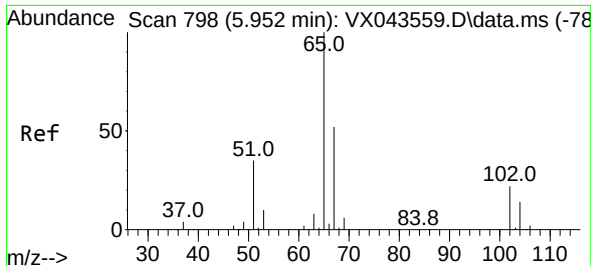
Delta R.T. 0.098 min

Lab File: VX043646.D

Acq: 31 Oct 2024 13:17

Tgt Ion:	56	Resp:	2145
Ion Ratio	Lower	Upper	
56	100		
69	140.1	24.9	37.3#
84	105.3	73.3	109.9





#33

1,2-Dichloroethane-d4

Concen: 42.974 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043646.D

Acq: 31 Oct 2024 13:17

Instrument :

MSVOA_X

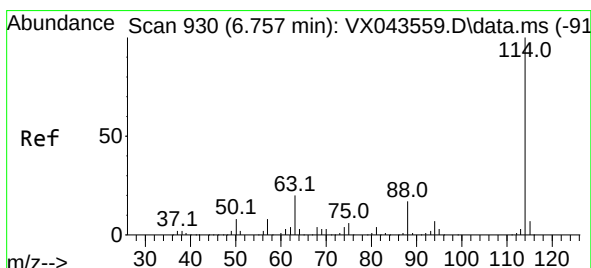
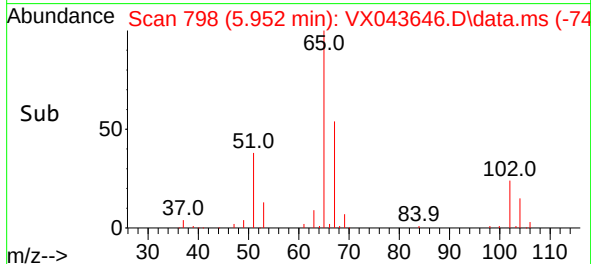
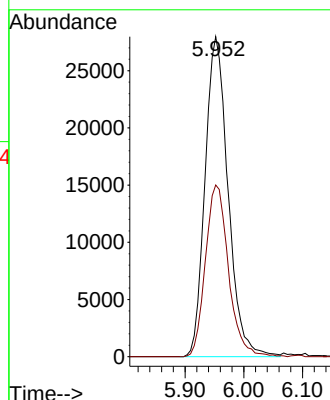
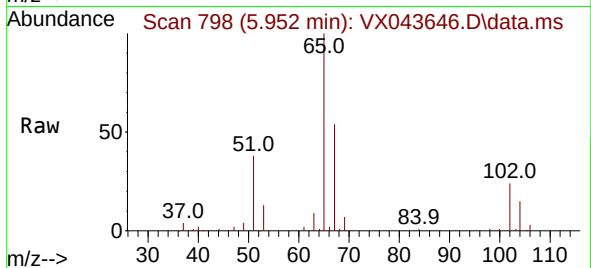
ClientSampleId :

Tgt Ion: 65 Resp: 76177

Ion Ratio Lower Upper

65 100

67 53.9 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: VX043646.D

Acq: 31 Oct 2024 13:17

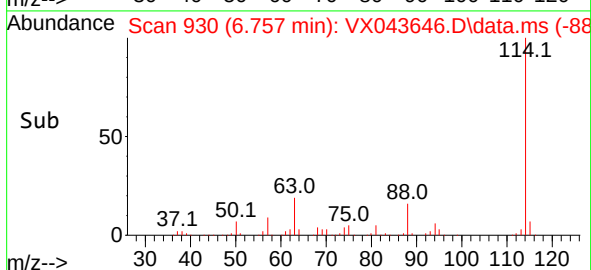
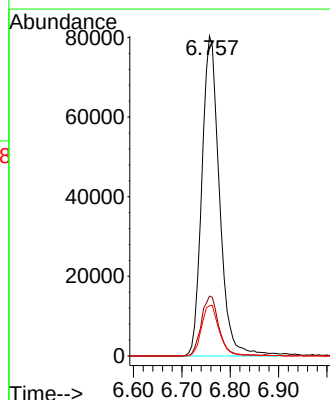
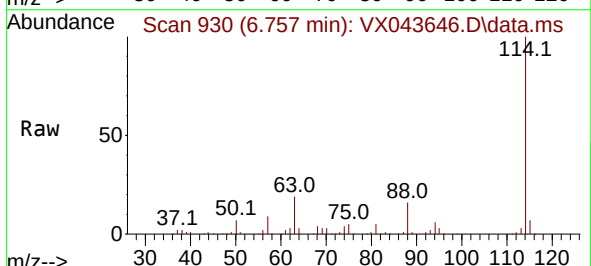
Tgt Ion: 114 Resp: 203279

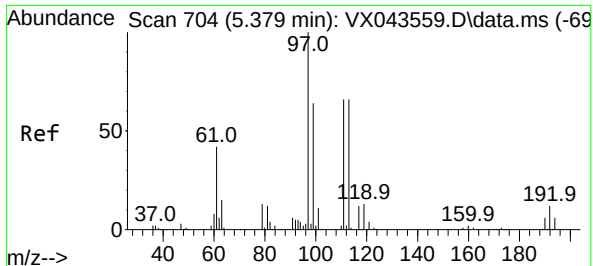
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.2

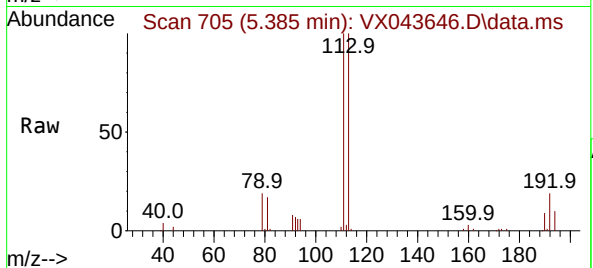
88 15.7 0.0 34.0



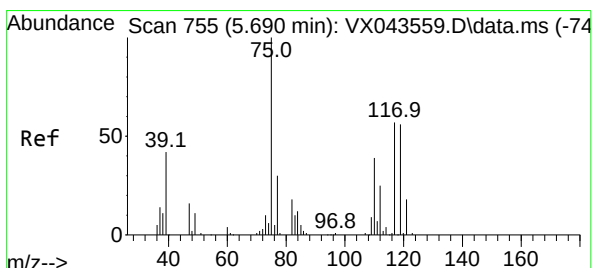
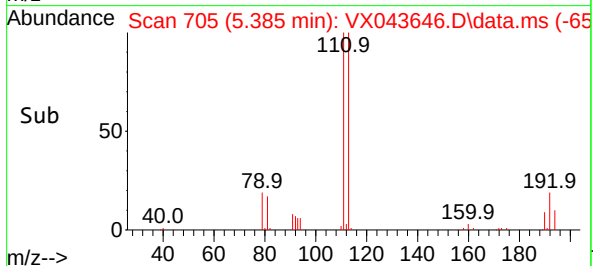
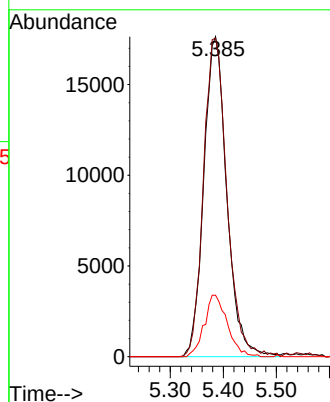


#35
Dibromofluoromethane
Concen: 38.536 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

Instrument :
MSVOA_X
ClientSampleId :

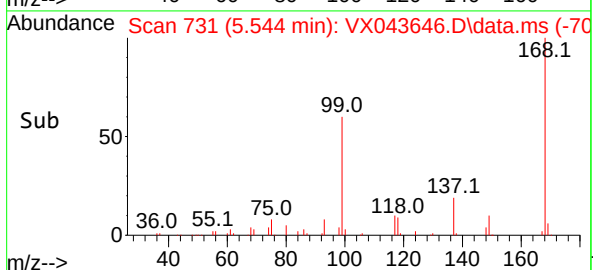
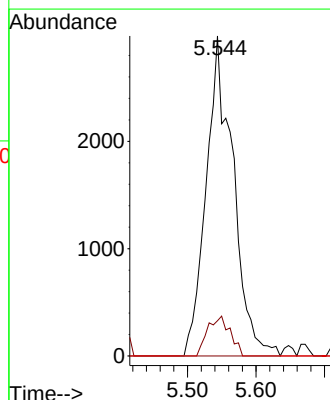
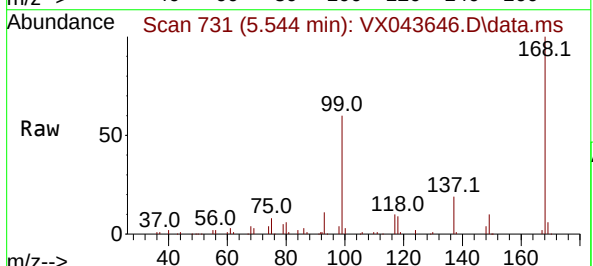


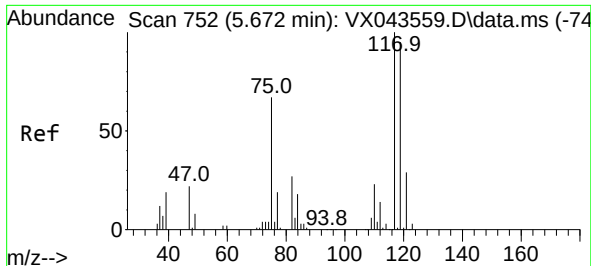
Tgt Ion:113 Resp: 53119
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.0
192 19.3 14.1 21.1



#36
1,1-Dichloropropene
Concen: 4.998 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

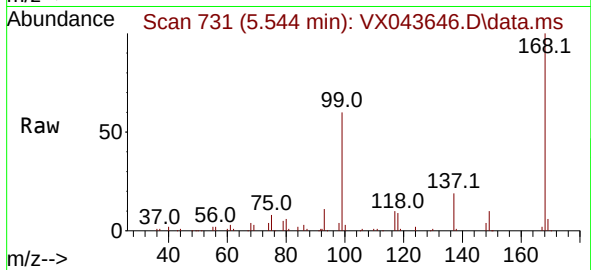
Tgt Ion: 75 Resp: 8170
Ion Ratio Lower Upper
75 100
110 10.4 17.9 53.7#
77 0.0 25.0 37.4#



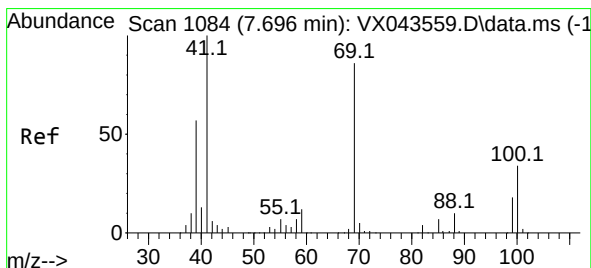
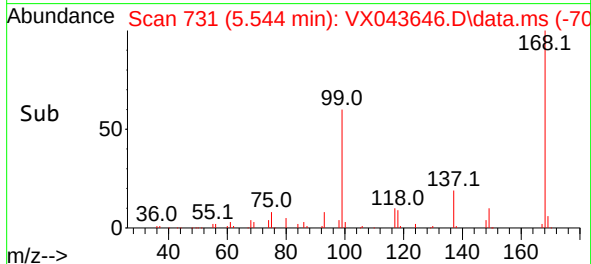
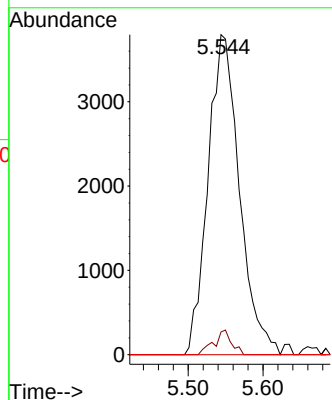


#38
Carbon Tetrachloride
Concen: 6.151 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

Instrument :
MSVOA_X
ClientSampleId :

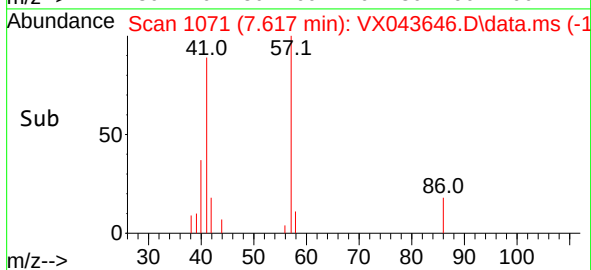
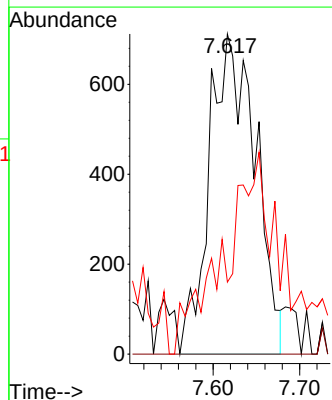
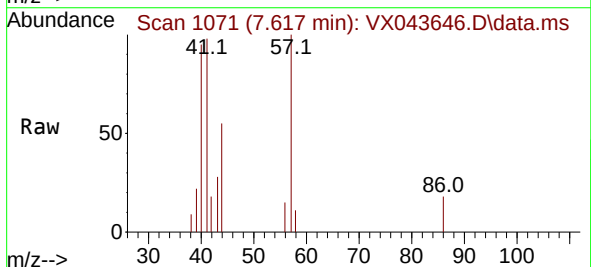


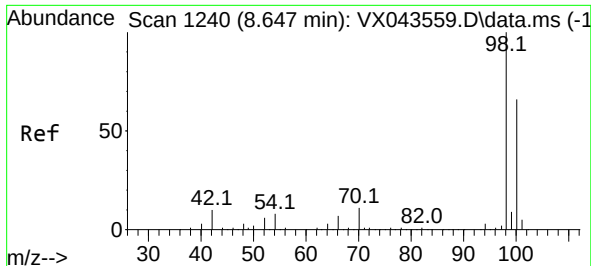
Tgt Ion:117 Resp: 11108
Ion Ratio Lower Upper
117 100
119 7.1 77.0 115.6#
121 0.0 24.7 37.1#



#48
Methyl methacrylate
Concen: 1.695 ug/l
RT: 7.617 min Scan# 1071
Delta R.T. -0.079 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

Tgt Ion: 41 Resp: 2637
Ion Ratio Lower Upper
41 100
69 0.0 67.7 101.5#
39 15.0 46.3 69.5#

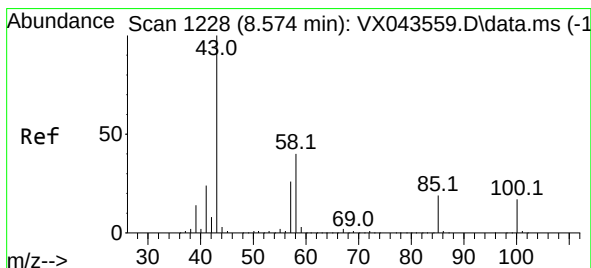
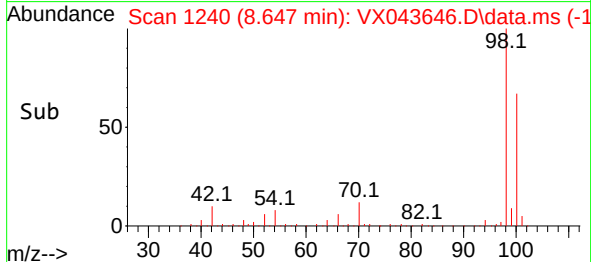
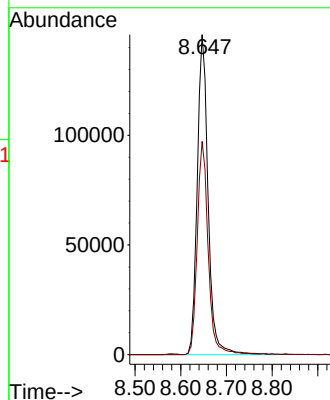
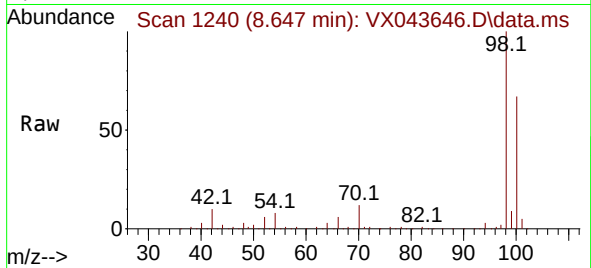




#50
Toluene-d8
Concen: 50.480 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

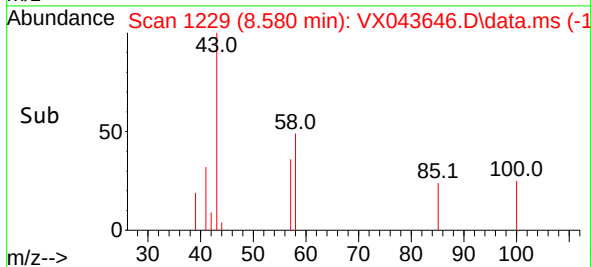
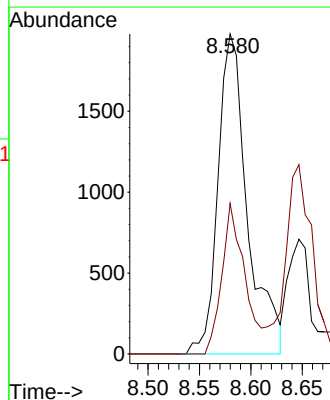
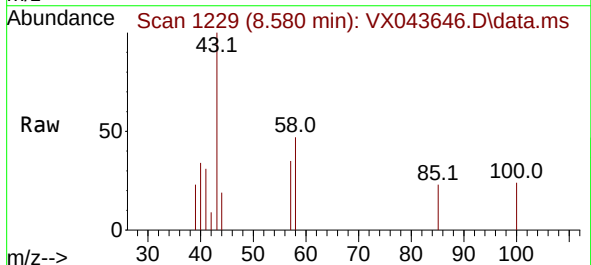
Instrument :
MSVOA_X
ClientSampleId :

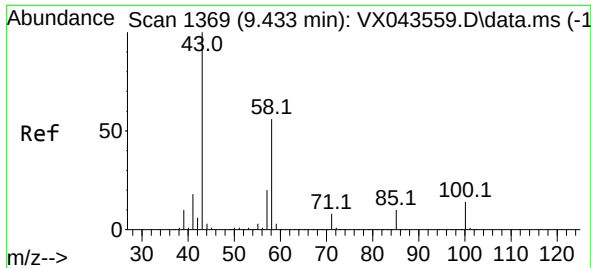
Tgt Ion: 98 Resp: 240873
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 1.971 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

Tgt Ion: 43 Resp: 3943
Ion Ratio Lower Upper
43 100
58 36.2 31.7 47.5

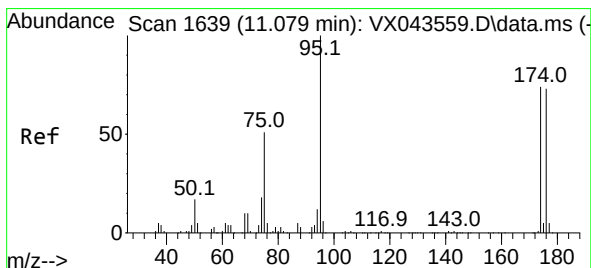
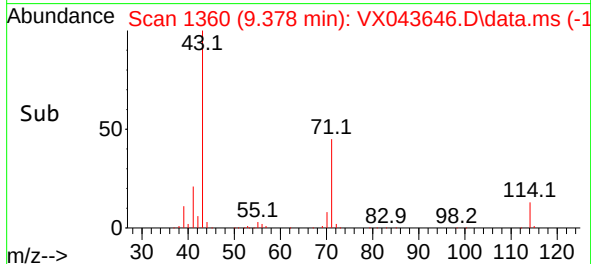
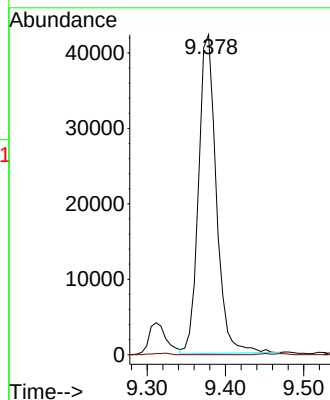
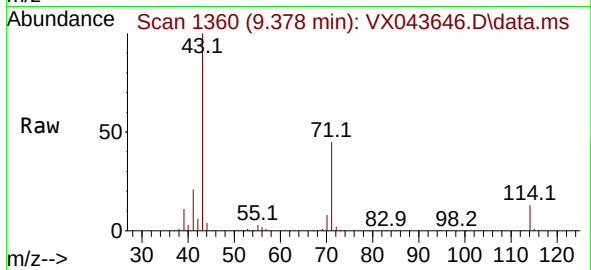




#59
2-Hexanone
Concen: 43.949 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

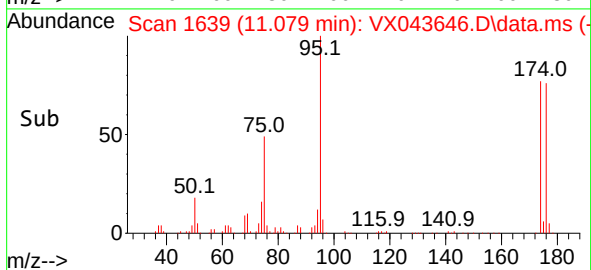
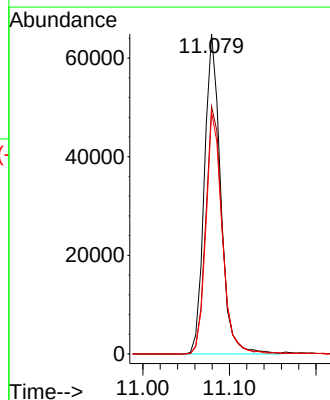
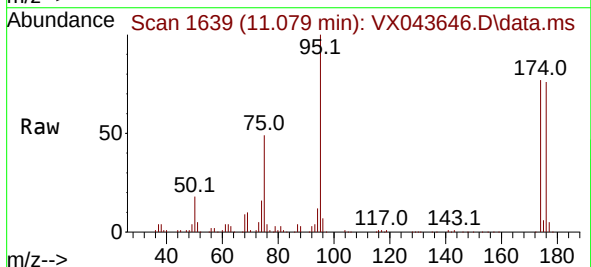
Instrument :
MSVOA_X
ClientSampleId :

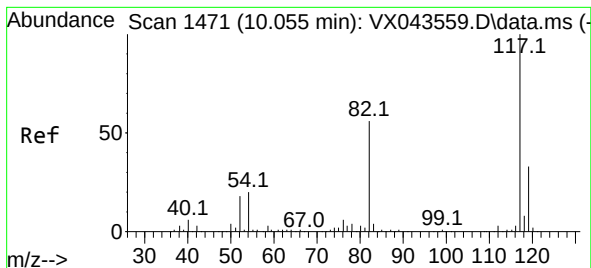
Tgt Ion: 43 Resp: 66763
Ion Ratio Lower Upper
43 100
58 0.0 27.5 82.5#



#62
4-Bromofluorobenzene
Concen: 47.811 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

Tgt Ion: 95 Resp: 84536
Ion Ratio Lower Upper
95 100
174 78.4 0.0 146.6
176 75.2 0.0 139.6

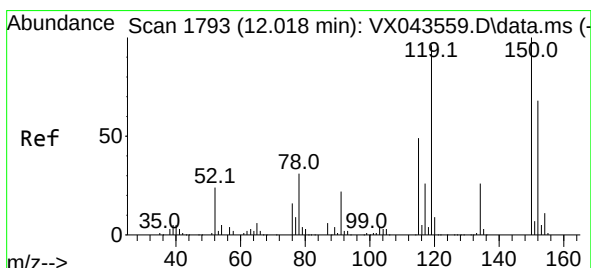
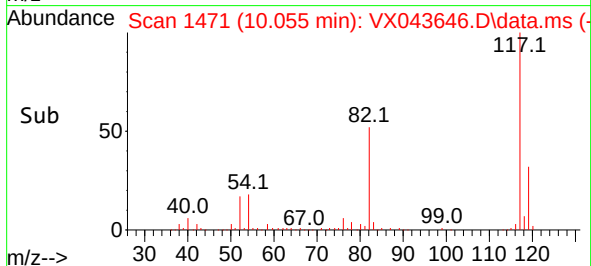
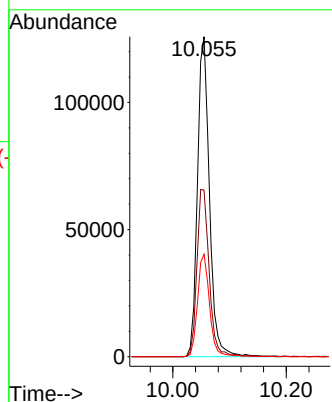
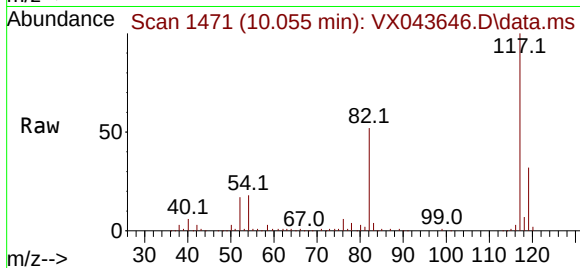




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

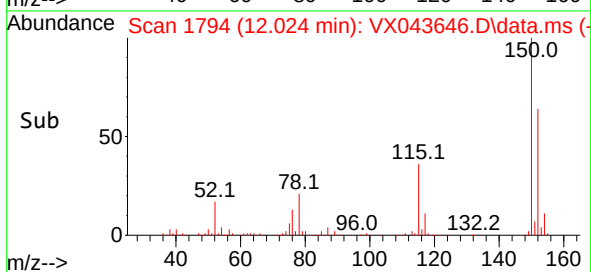
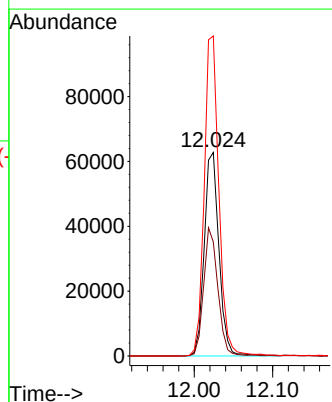
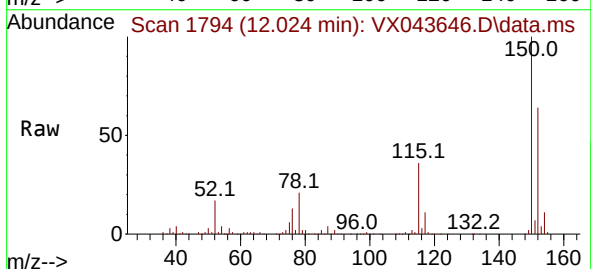
Instrument :
MSVOA_X
ClientSampleId :

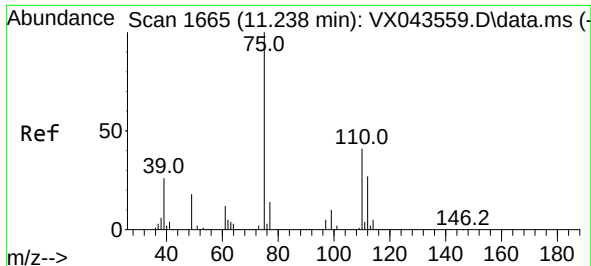
Tgt Ion:117 Resp: 184725
Ion Ratio Lower Upper
117 100
82 52.1 42.1 63.1
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

Tgt Ion:152 Resp: 81772
Ion Ratio Lower Upper
152 100
115 60.8 42.9 128.7
150 156.4 0.0 343.6

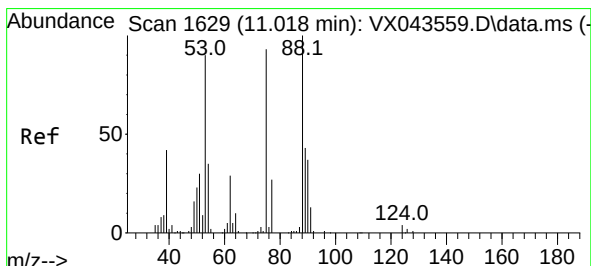
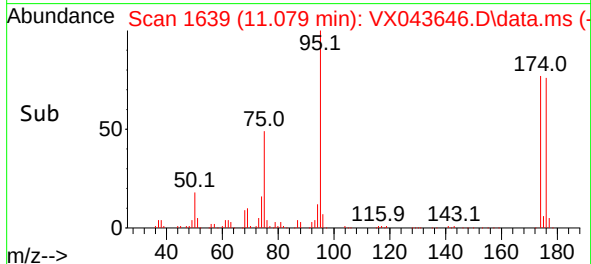
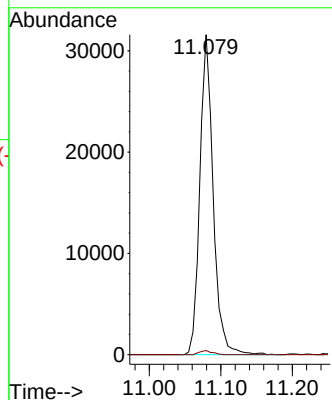
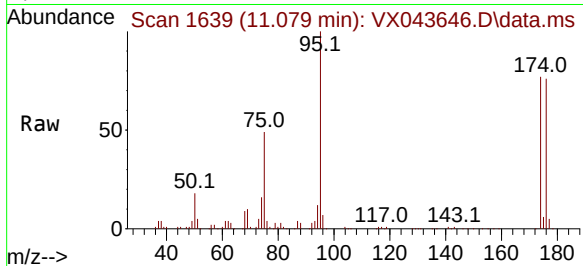




#76
1,2,3-Trichloropropane
Concen: 23.338 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 40804
Ion Ratio Lower Upper
75 100
77 1.2 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.204 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043646.D
Acq: 31 Oct 2024 13:17

Tgt Ion: 75 Resp: 40804
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.1 38.6 58.0#

