

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043631.D
 Acq On : 30 Oct 2024 17:53
 Operator : JC/MD
 Sample : PB164501ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 31 23:03:03 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

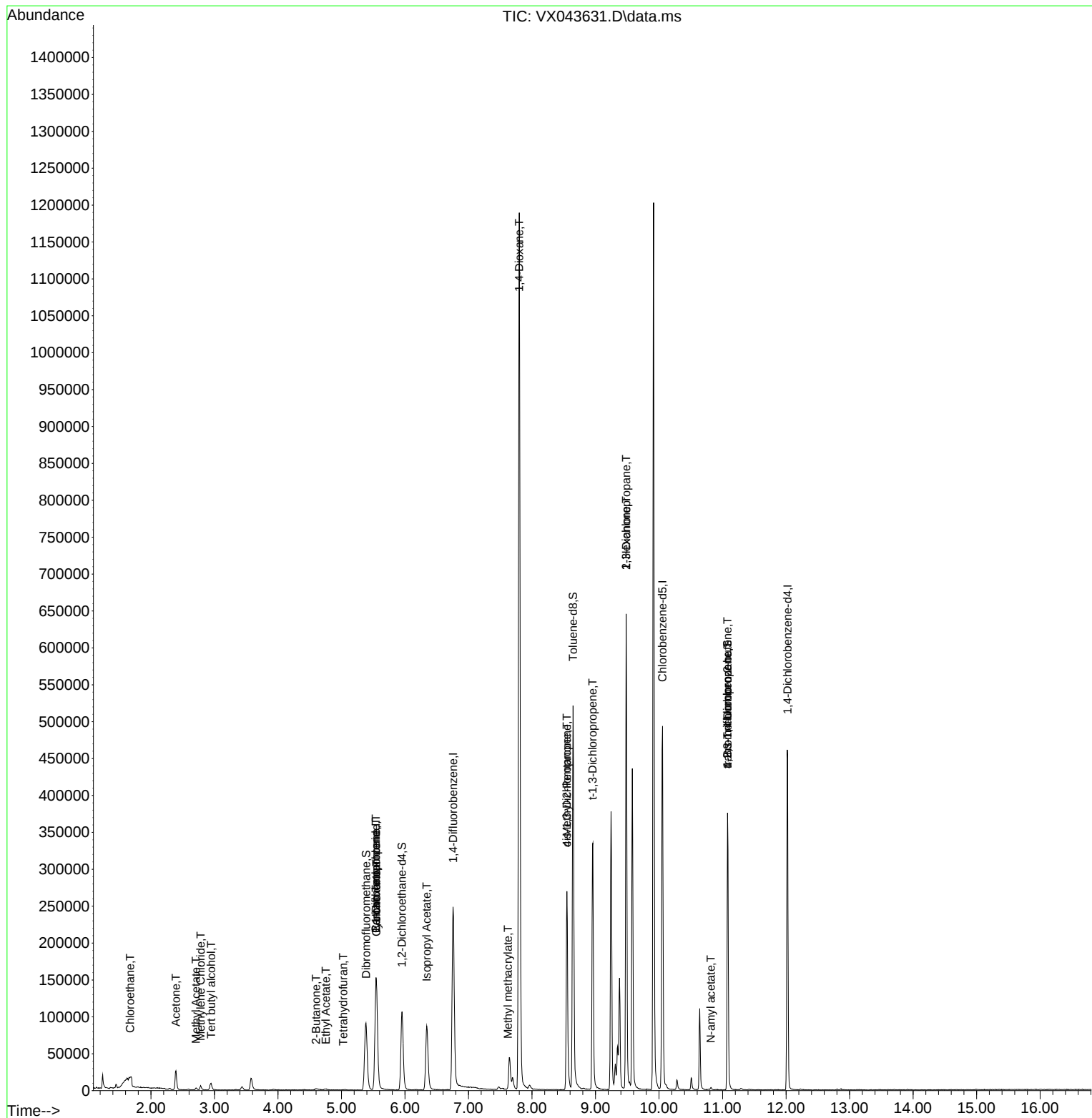
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	151985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	279240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98645	40.705	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.400%
35) Dibromofluoromethane	5.385	113	83824	44.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.540%
50) Toluene-d8	8.647	98	319095	48.682	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.360%
62) 4-Bromofluorobenzene	11.079	95	106964	44.039	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.080%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	199	0.293	ug/l #	87
11) Tert butyl alcohol	2.947	59	5183	11.458	ug/l #	100
16) Acetone	2.392	43	29242	30.386	ug/l	98
18) Methyl Acetate	2.709	43	3658	1.301	ug/l	98
20) Methylene Chloride	2.782	84	2763	1.332	ug/l	92
25) 2-Butanone	4.599	43	2657	1.893	ug/l #	85
29) Tetrahydrofuran	5.025	42	264	0.289	ug/l #	32
31) Cyclohexane	5.550	56	3055	1.194	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11271	5.020	ug/l #	49
37) Ethyl Acetate	4.751	43	1950	0.715	ug/l	97
38) Carbon Tetrachloride	5.544	117	15478	6.239	ug/l #	15
43) Isopropyl Acetate	6.342	43	123624	27.424	ug/l	97
48) Methyl methacrylate	7.623	41	3198	1.496	ug/l #	45
49) 1,4-Dioxane	7.799	88	203	4.623	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	93825	34.149	ug/l #	50
53) t-1,3-Dichloropropene	8.952	75	870	0.325	ug/l #	42
54) cis-1,3-Dichloropropene	8.549	75	47962	16.823	ug/l #	60
57) 1,3-Dichloropropane	9.482	76	5733	1.823	ug/l #	42
59) 2-Hexanone	9.482	43	75177	36.025	ug/l #	52
74) N-amyl acetate	10.817	43	862	0.234	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	51927	22.743	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	51927	62.566	ug/l #	7

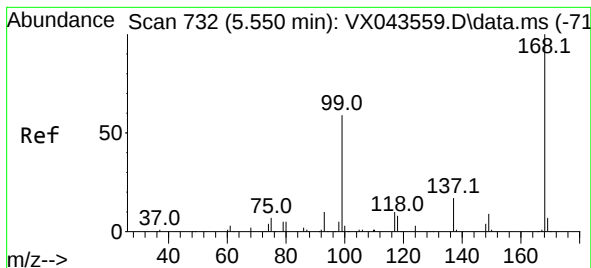
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX043631.D

Acq: 30 Oct 2024 17:53

Instrument :

MSVOA_X

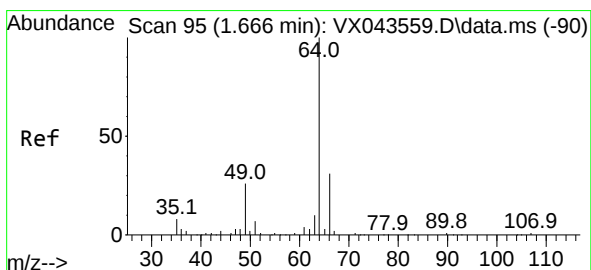
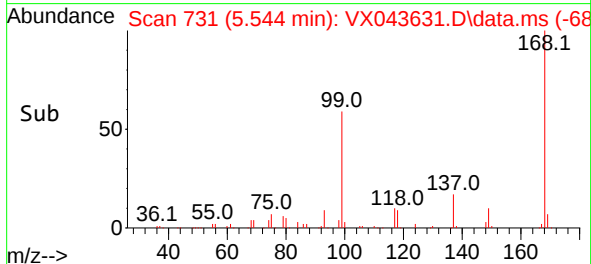
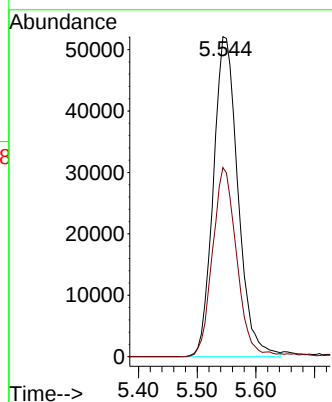
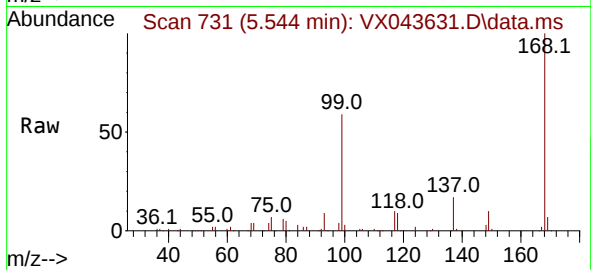
ClientSampleId :

Tgt Ion:168 Resp: 151985

Ion Ratio Lower Upper

168 100

99 59.1 52.6 78.8



#6

Chloroethane

Concen: 0.293 ug/l

RT: 1.672 min Scan# 96

Delta R.T. 0.012 min

Lab File: VX043631.D

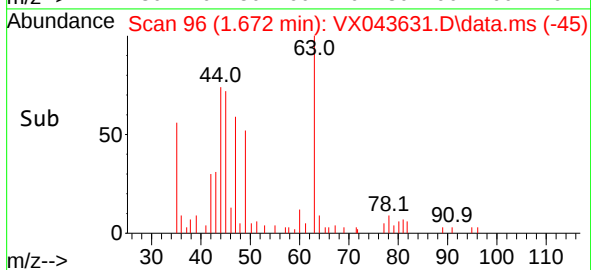
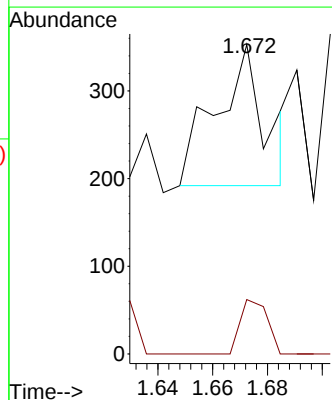
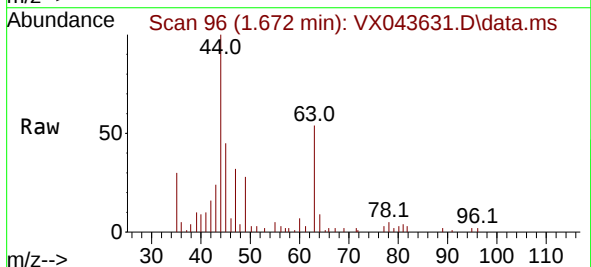
Acq: 30 Oct 2024 17:53

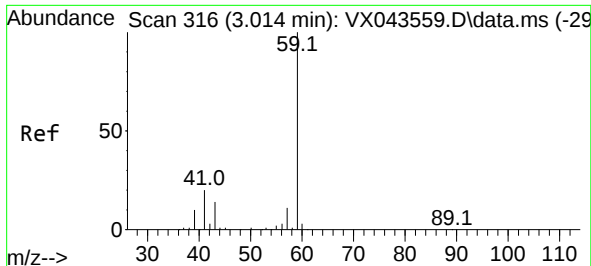
Tgt Ion: 64 Resp: 199

Ion Ratio Lower Upper

64 100

66 38.5 25.1 37.7#





#11

Tert butyl alcohol

Concen: 11.458 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.103 min

Lab File: VX043631.D

Acq: 30 Oct 2024 17:53

Instrument :

MSVOA_X

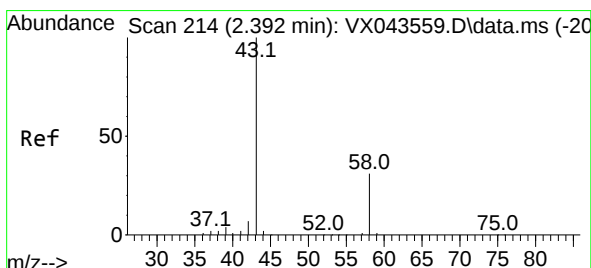
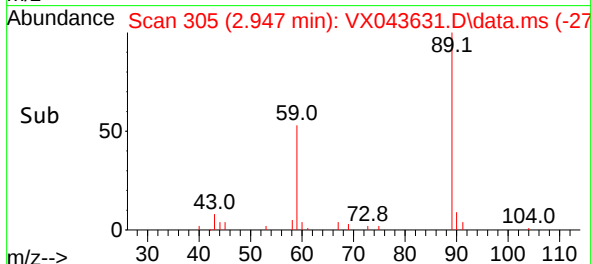
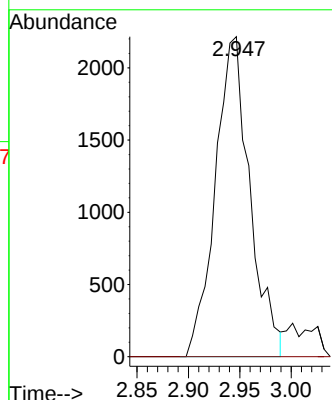
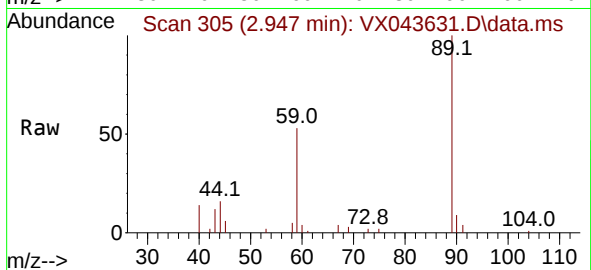
ClientSampleId :

Tgt Ion: 59 Resp: 5183

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#16

Acetone

Concen: 30.386 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX043631.D

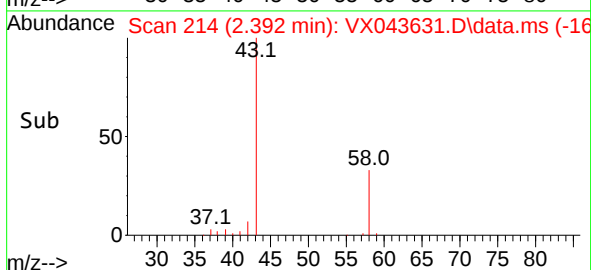
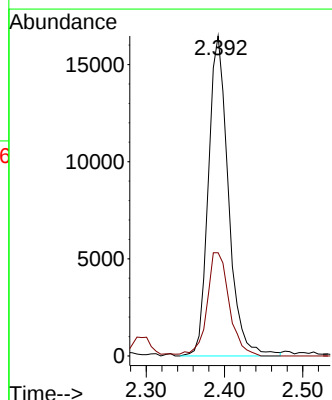
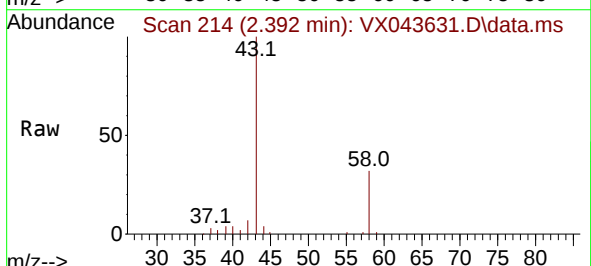
Acq: 30 Oct 2024 17:53

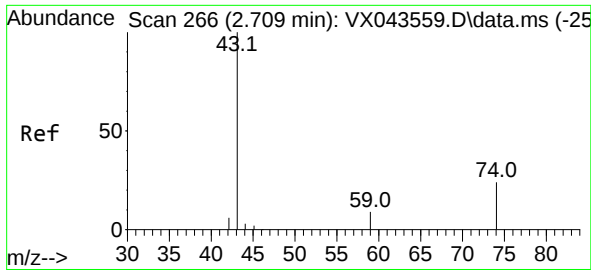
Tgt Ion: 43 Resp: 29242

Ion Ratio Lower Upper

43 100

58 32.2 25.1 37.7

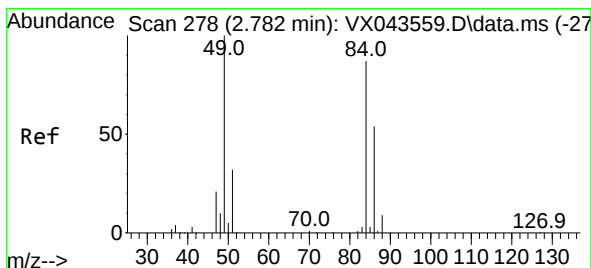
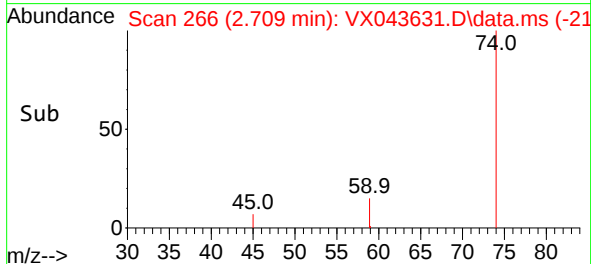
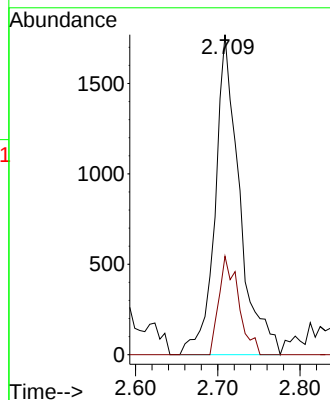
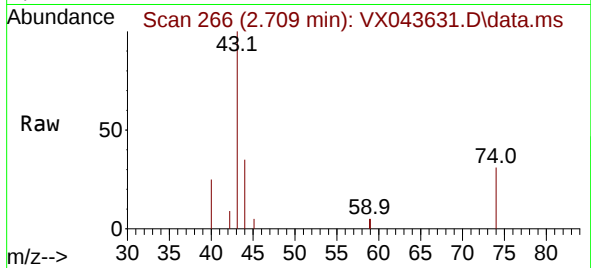




#18
Methyl Acetate
Concen: 1.301 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

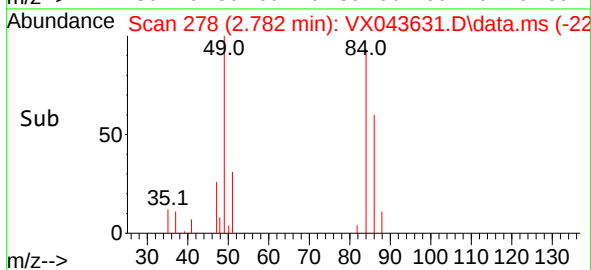
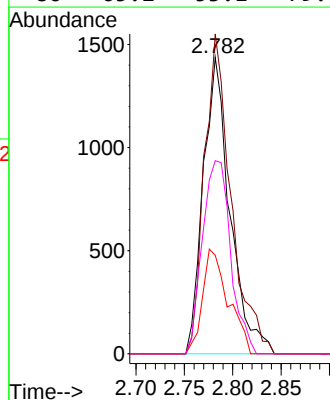
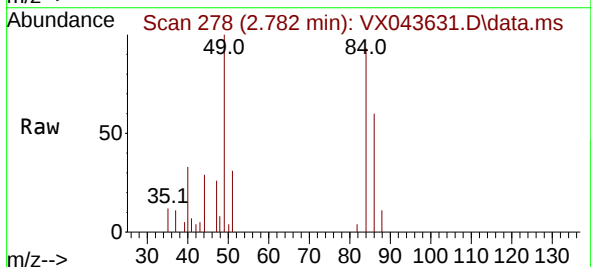
Instrument :
MSVOA_X
ClientSampleId :

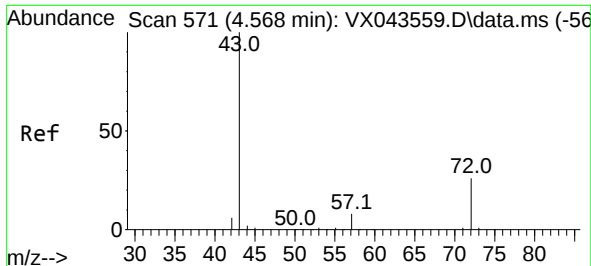
Tgt Ion: 43 Resp: 3658
Ion Ratio Lower Upper
43 100
74 24.8 19.1 28.7



#20
Methylene Chloride
Concen: 1.332 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

Tgt Ion: 84 Resp: 2763
Ion Ratio Lower Upper
84 100
49 107.9 97.0 145.6
51 33.3 29.8 44.8
86 65.2 53.1 79.7





#25

2-Butanone

Concen: 1.893 ug/l

RT: 4.599 min Scan# 5

Delta R.T. 0.031 min

Lab File: VX043631.D

Acq: 30 Oct 2024 17:53

Instrument :

MSVOA_X

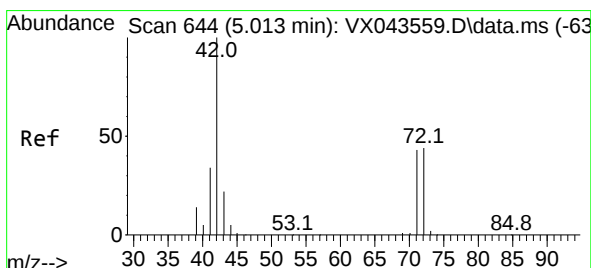
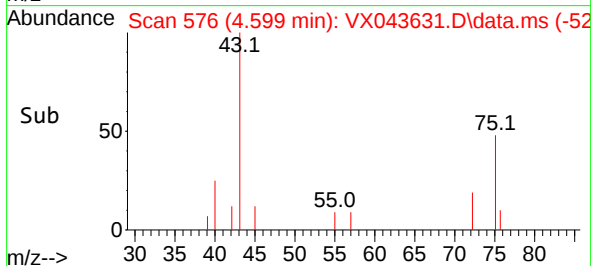
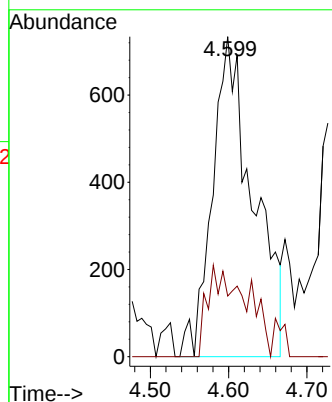
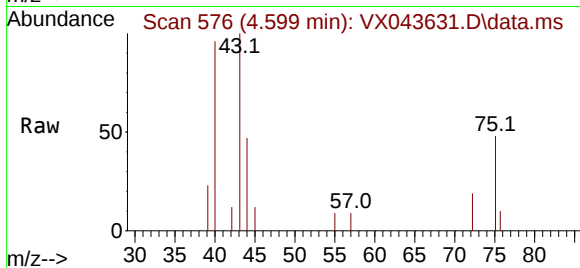
ClientSampleId :

Tgt Ion: 43 Resp: 2657

Ion Ratio Lower Upper

43 100

72 18.9 21.1 31.7#



#29

Tetrahydrofuran

Concen: 0.289 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.012 min

Lab File: VX043631.D

Acq: 30 Oct 2024 17:53

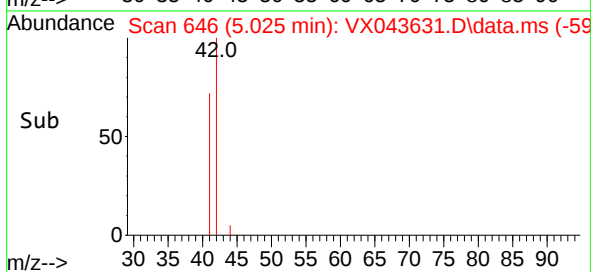
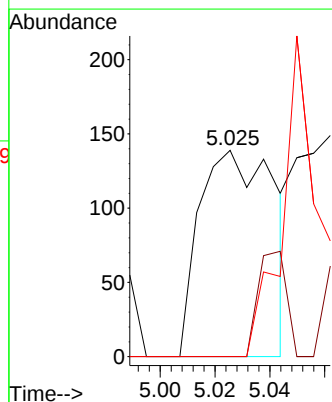
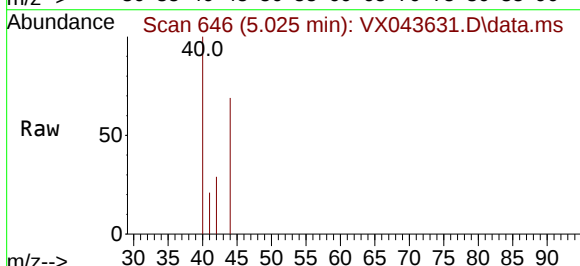
Tgt Ion: 42 Resp: 264

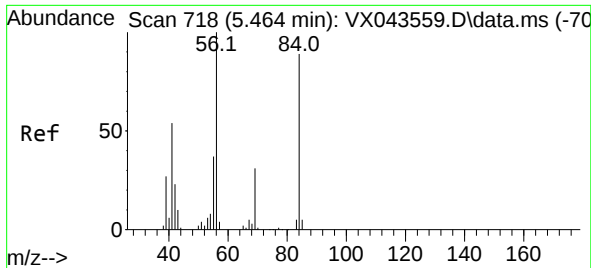
Ion Ratio Lower Upper

42 100

72 0.0 36.6 55.0#

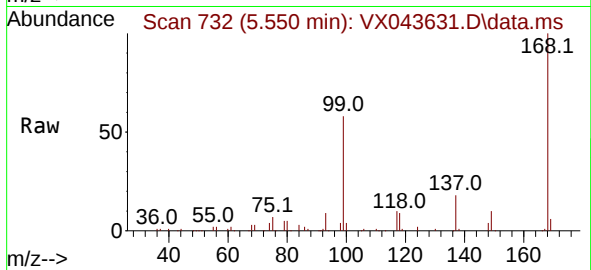
71 0.0 34.2 51.4#



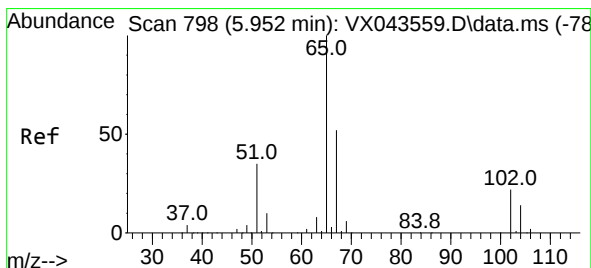
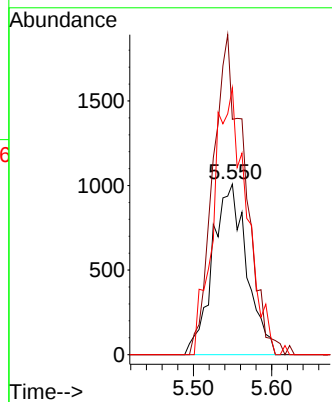
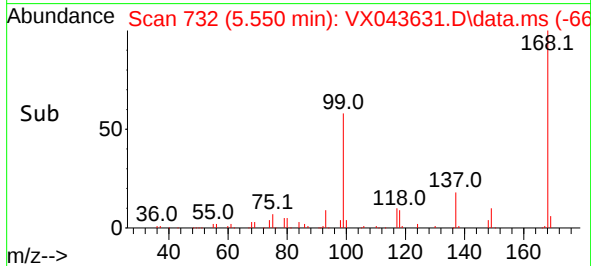


#31
Cyclohexane
Concen: 1.194 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

Instrument :
MSVOA_X
ClientSampleId :

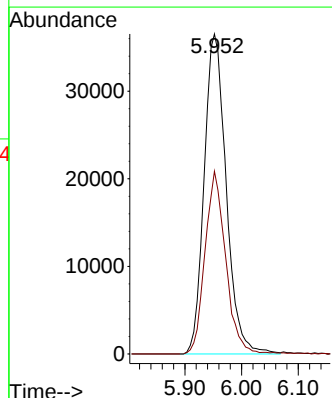
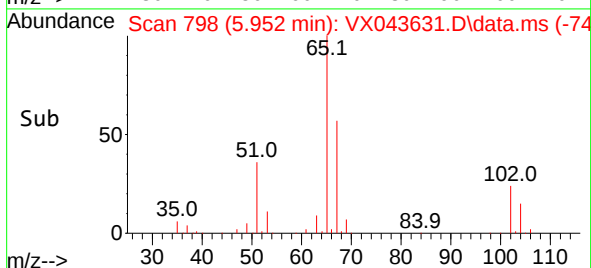
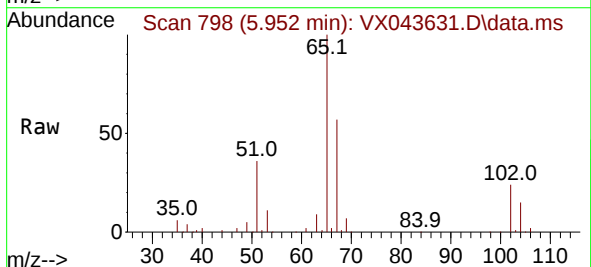


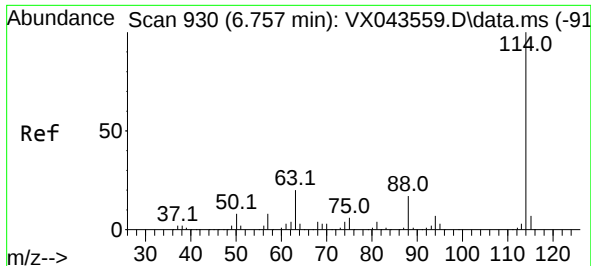
Tgt Ion: 56 Resp: 3055
Ion Ratio Lower Upper
56 100
69 138.1 24.9 37.3#
84 156.5 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 40.705 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

Tgt Ion: 65 Resp: 98645
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.4

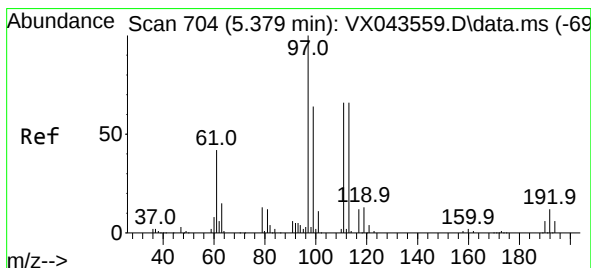
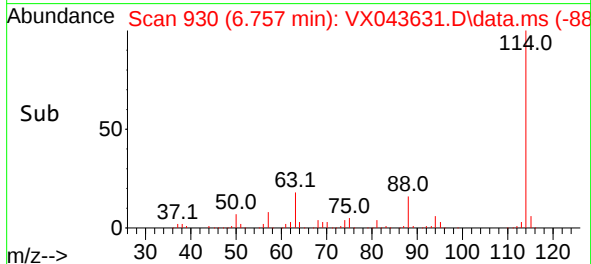
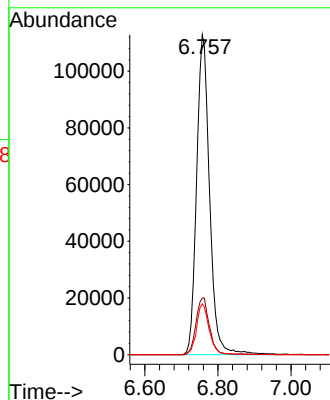
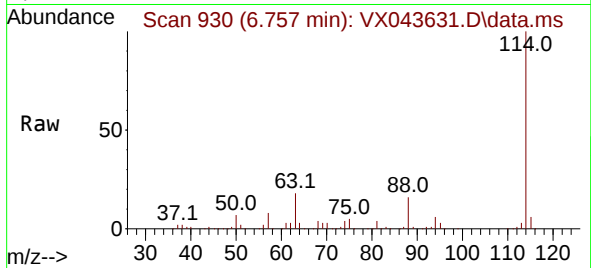




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

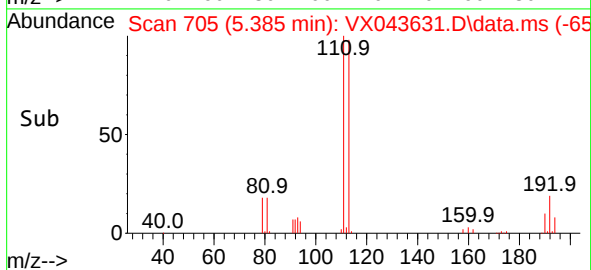
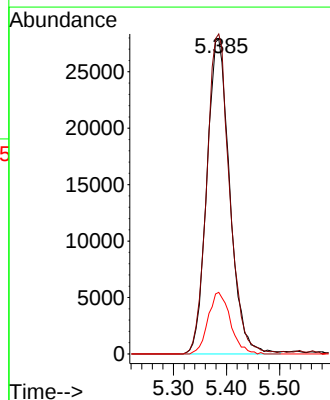
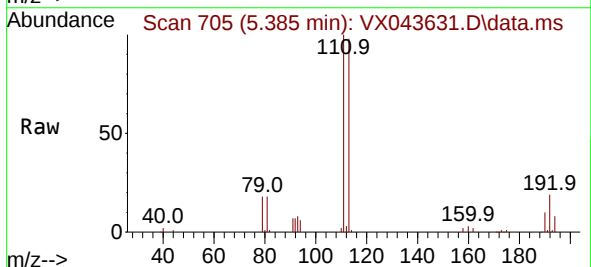
Instrument :
MSVOA_X
ClientSampleId :

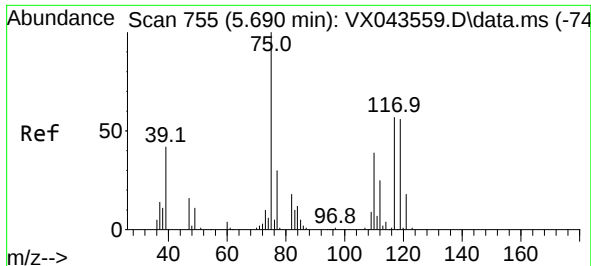
Tgt Ion:114 Resp: 279240
Ion Ratio Lower Upper
114 100
63 17.7 0.0 41.2
88 15.9 0.0 34.0



#35
Dibromofluoromethane
Concen: 44.269 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

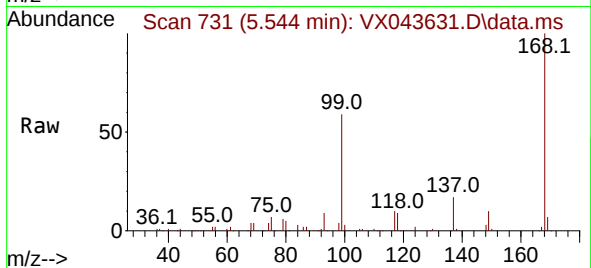
Tgt Ion:113 Resp: 83824
Ion Ratio Lower Upper
113 100
111 101.0 81.4 122.0
192 19.0 14.1 21.1



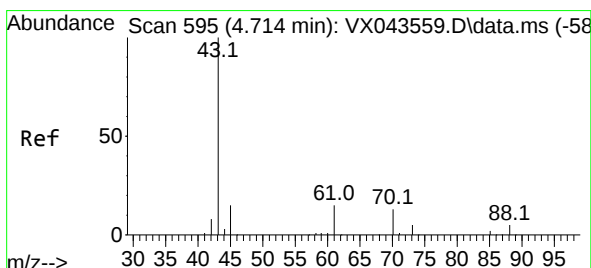
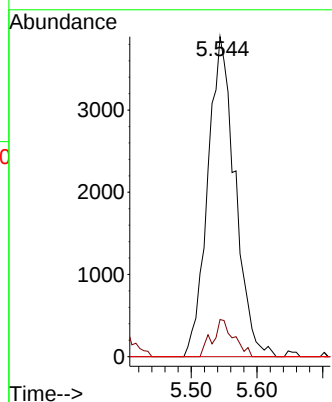
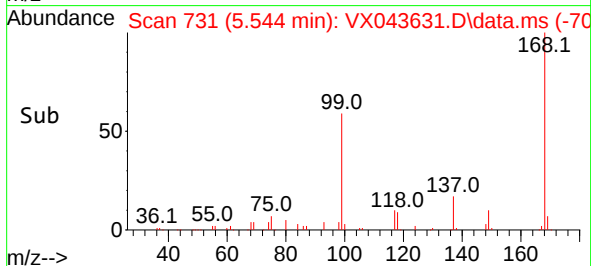


#36
1,1-Dichloropropene
Concen: 5.020 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

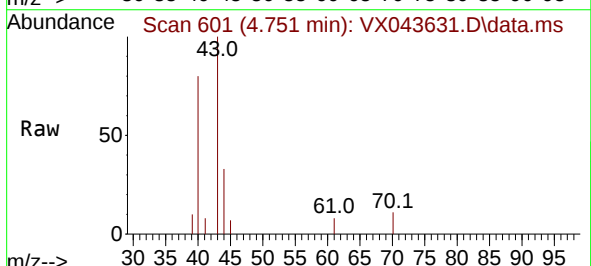
Instrument :
MSVOA_X
ClientSampleId :



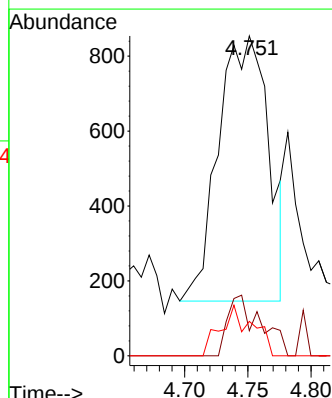
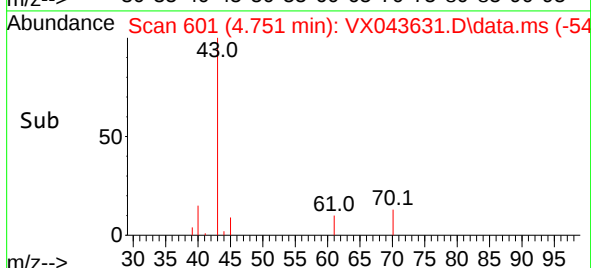
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Ion Ratio Lower Upper
75 100
110 9.0 17.9 53.7#
77 0.0 25.0 37.4#

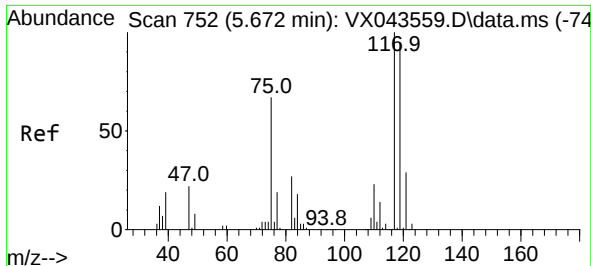


#37
Ethyl Acetate
Concen: 0.715 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.031 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53



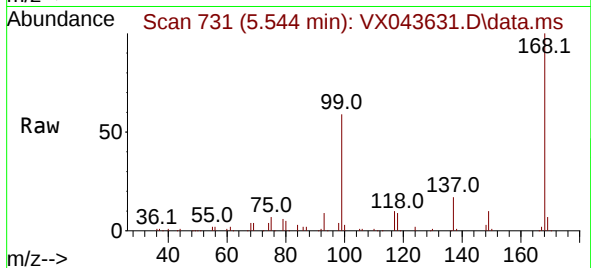
Tgt Ion: 43 Resp: 1950
Ion Ratio Lower Upper
43 100
61 14.9 11.0 16.6
70 12.2 8.9 13.3



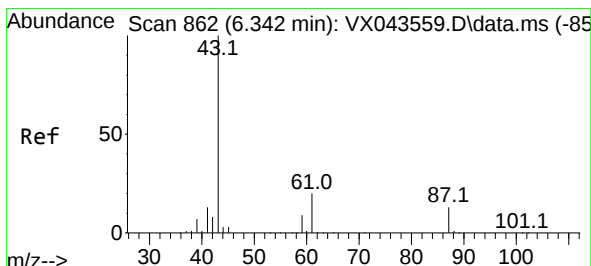
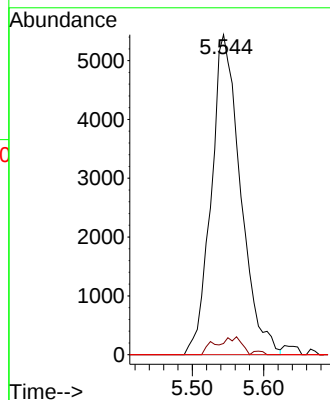
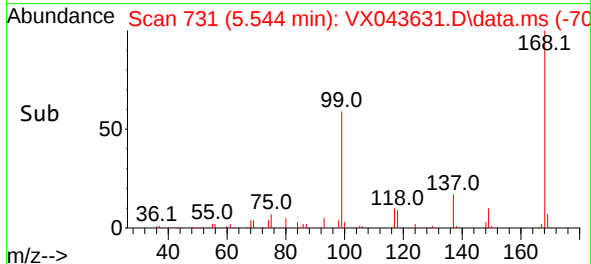


#38
Carbon Tetrachloride
Concen: 6.239 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

Instrument :
MSVOA_X
ClientSampleId :

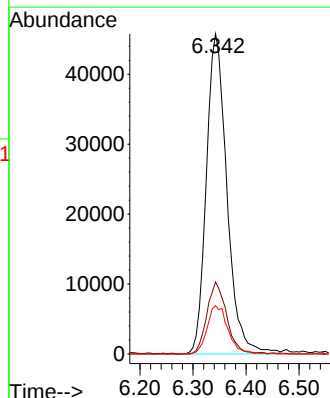
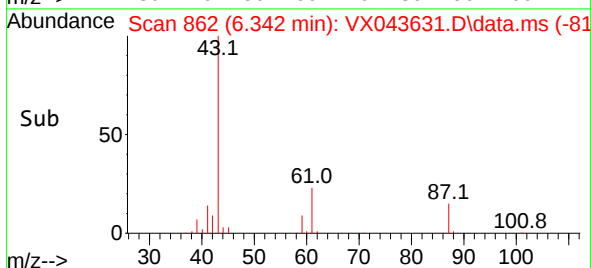
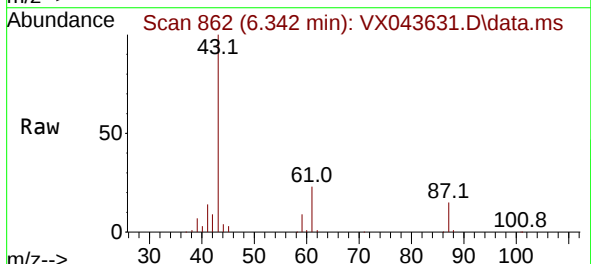


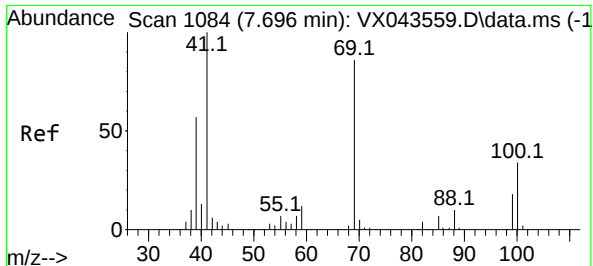
Tgt Ion:117 Resp: 15478
Ion Ratio Lower Upper
117 100
119 3.5 77.0 115.6#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 27.424 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

Tgt Ion: 43 Resp: 123624
Ion Ratio Lower Upper
43 100
61 21.5 16.2 24.4
87 15.2 11.0 16.6





#48

Methyl methacrylate

Concen: 1.496 ug/l

RT: 7.623 min Scan# 1101

Delta R.T. -0.073 min

Lab File: VX043631.D

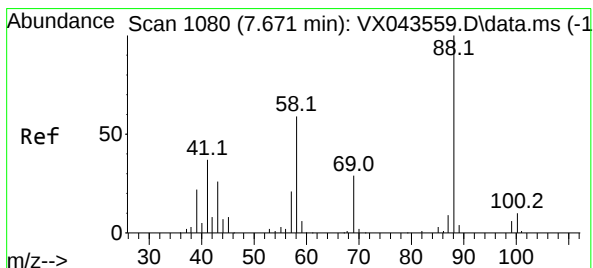
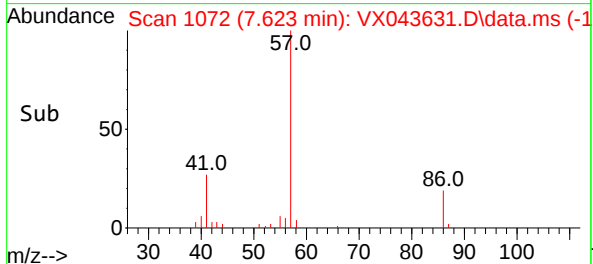
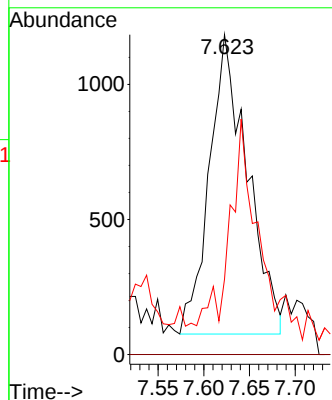
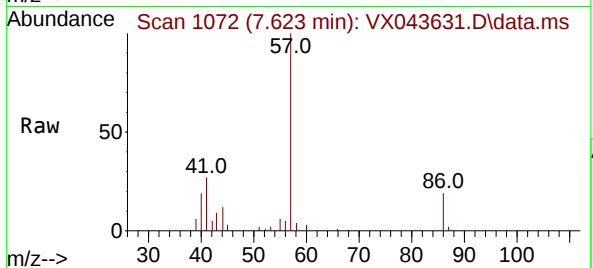
Acq: 30 Oct 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 41	Resp: 3198
Ion Ratio	Lower Upper
41	100
69	0.0 67.7 101.5#
39	57.9 46.3 69.5



#49

1,4-Dioxane

Concen: 4.623 ug/l

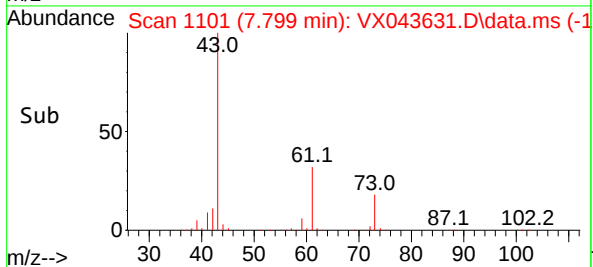
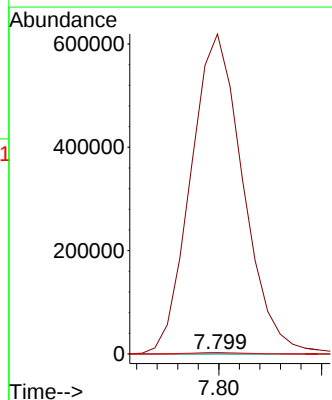
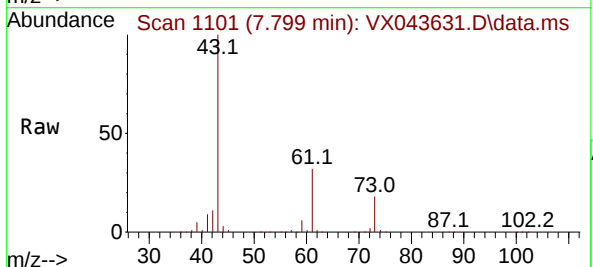
RT: 7.799 min Scan# 1101

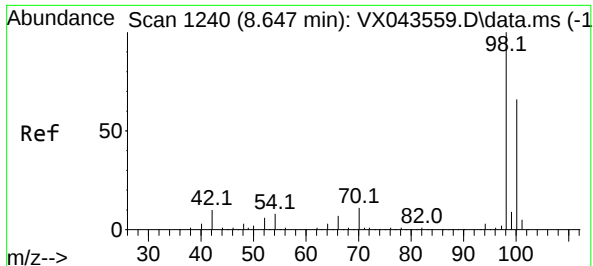
Delta R.T. 0.128 min

Lab File: VX043631.D

Acq: 30 Oct 2024 17:53

Tgt Ion: 88	Resp: 203
Ion Ratio	Lower Upper
88	100
43	546615.3 25.3 37.9#
58	2481.3 53.9 80.9#

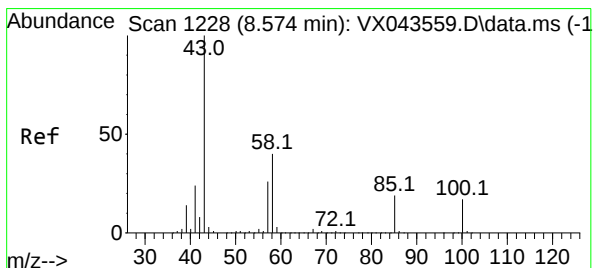
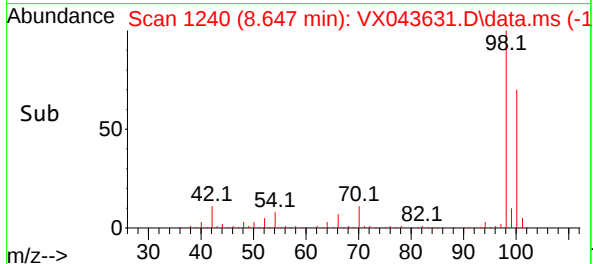
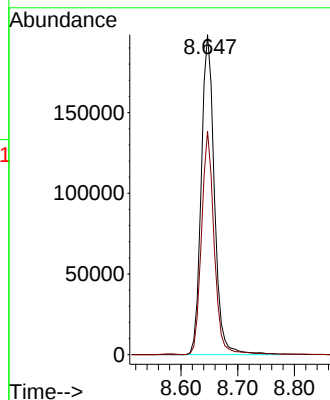
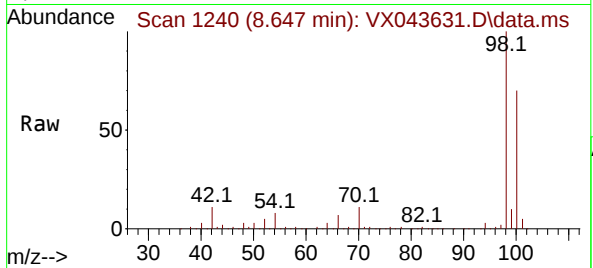




#50
Toluene-d8
Concen: 48.682 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

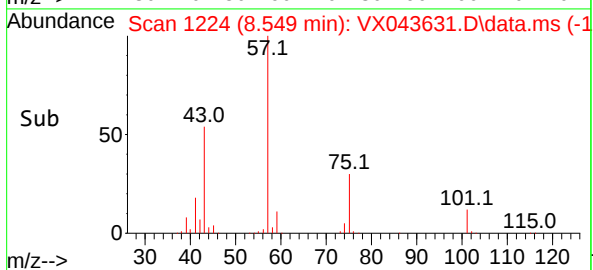
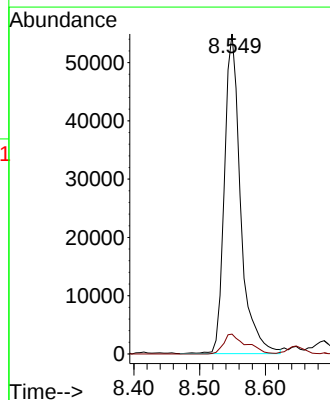
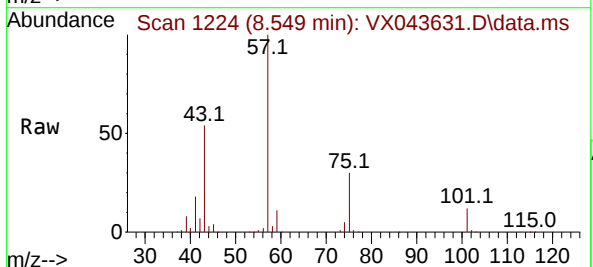
Instrument :
MSVOA_X
ClientSampleId :

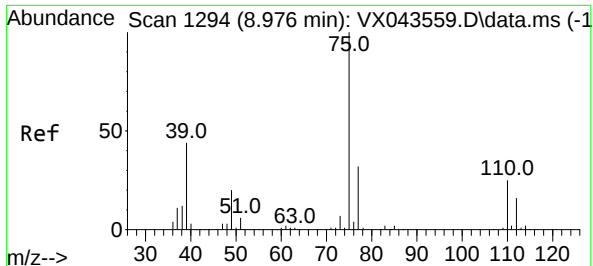
Tgt Ion: 98 Resp: 319095
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 34.149 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.030 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

Tgt Ion: 43 Resp: 93825
Ion Ratio Lower Upper
43 100
58 8.7 31.7 47.5#





#53

t-1,3-Dichloropropene

Concen: 0.325 ug/l

RT: 8.952 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX043631.D

Acq: 30 Oct 2024 17:53

Instrument :

MSVOA_X

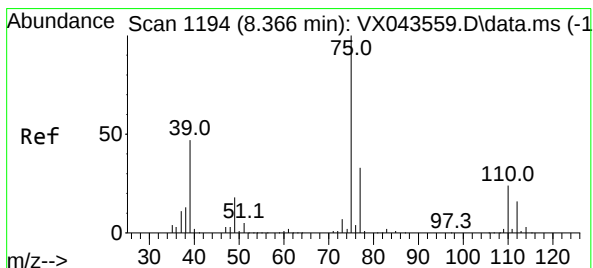
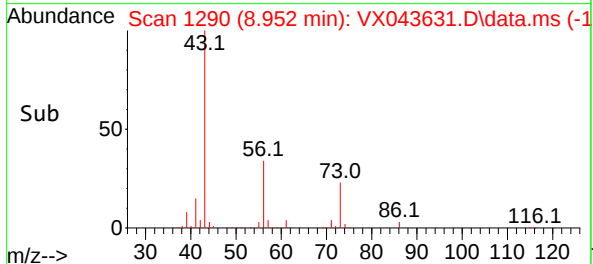
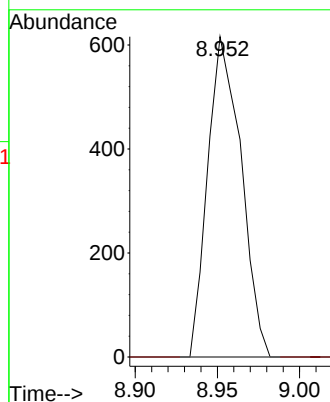
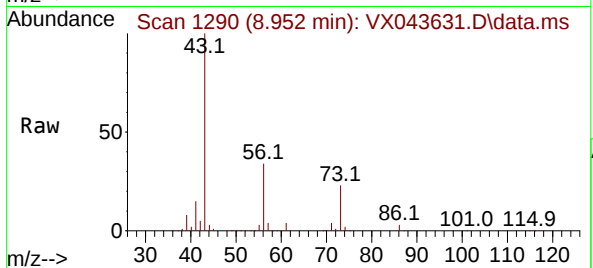
ClientSampleId :

Tgt Ion: 75 Resp: 870

Ion Ratio Lower Upper

75 100

77 0.0 26.0 39.0#



#54

cis-1,3-Dichloropropene

Concen: 16.823 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX043631.D

Acq: 30 Oct 2024 17:53

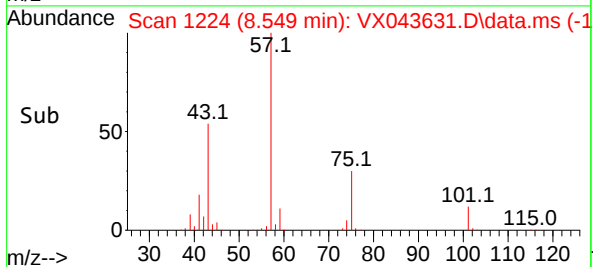
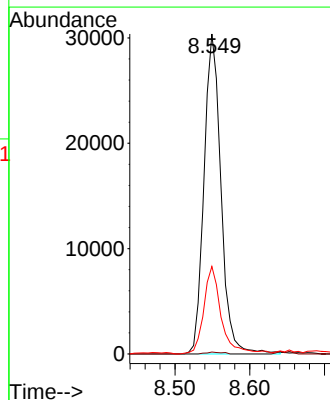
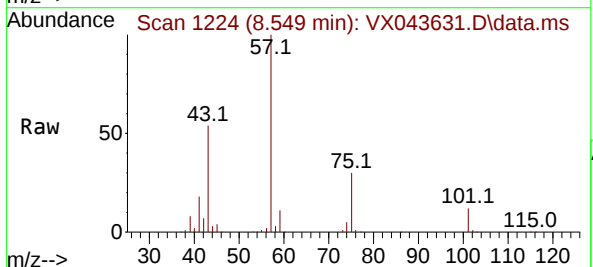
Tgt Ion: 75 Resp: 47962

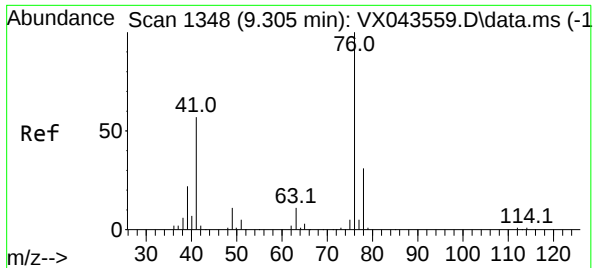
Ion Ratio Lower Upper

75 100

77 0.6 24.8 37.2#

39 27.4 37.7 56.5#

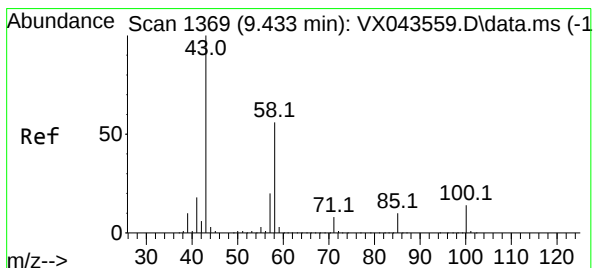
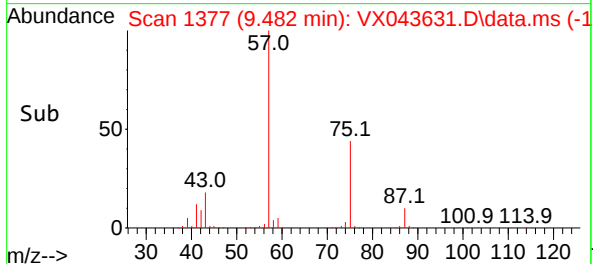
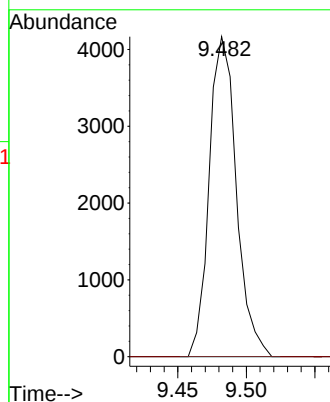
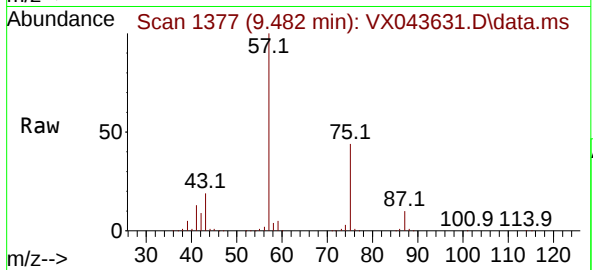




#57
1,3-Dichloropropane
Concen: 1.823 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

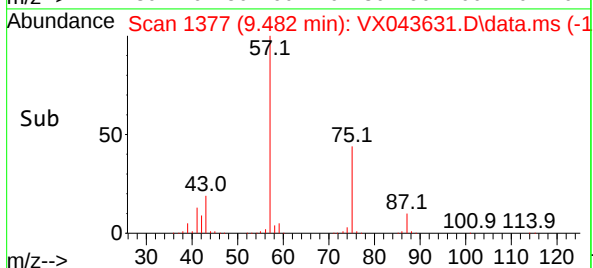
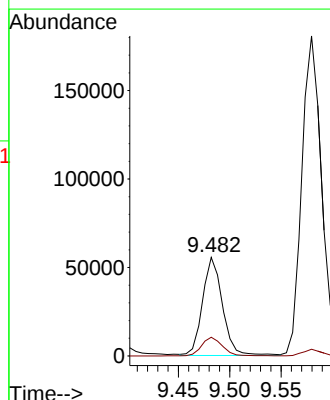
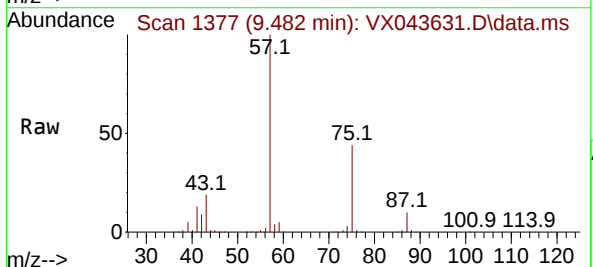
Instrument :
MSVOA_X
ClientSampleId :

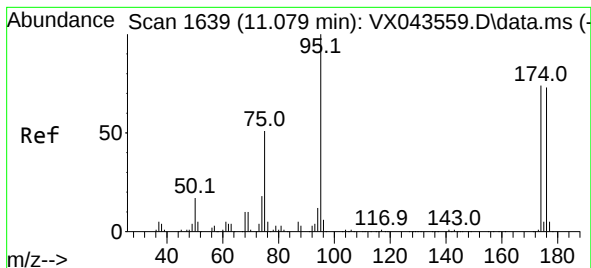
Tgt Ion: 76 Resp: 5733
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#



#59
2-Hexanone
Concen: 36.025 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

Tgt Ion: 43 Resp: 75177
Ion Ratio Lower Upper
43 100
58 20.3 27.5 82.5#

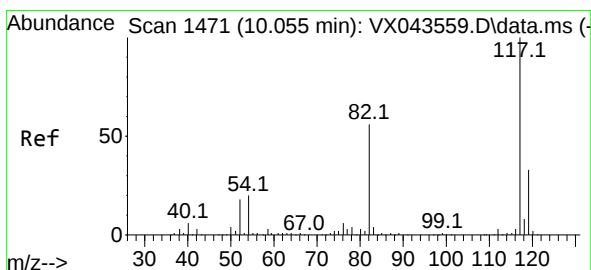
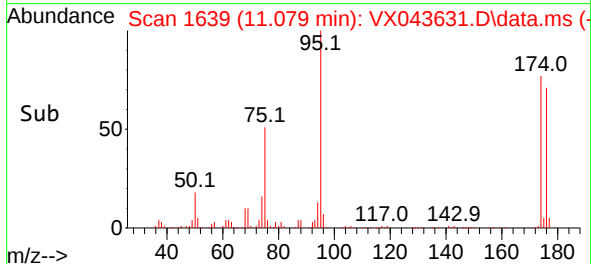
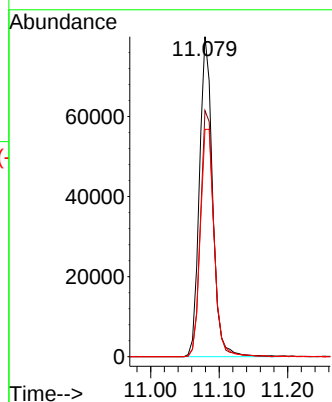
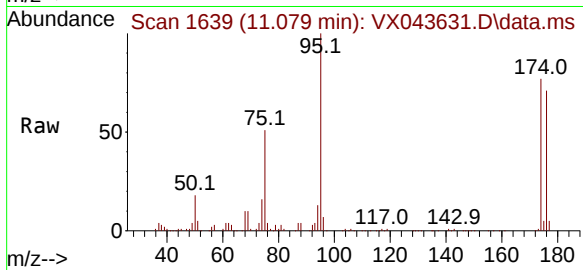




#62
4-Bromofluorobenzene
Concen: 44.039 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

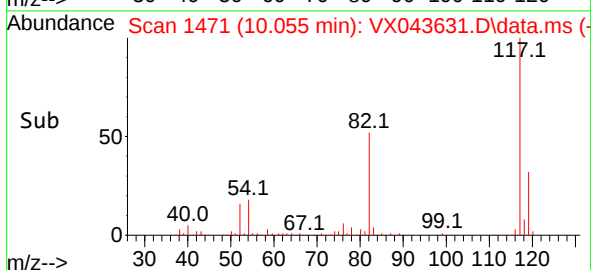
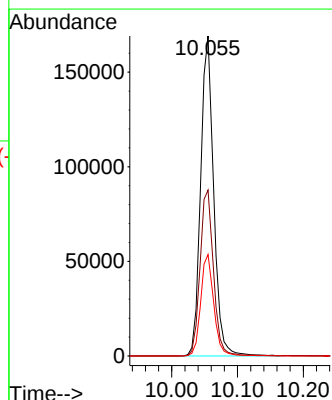
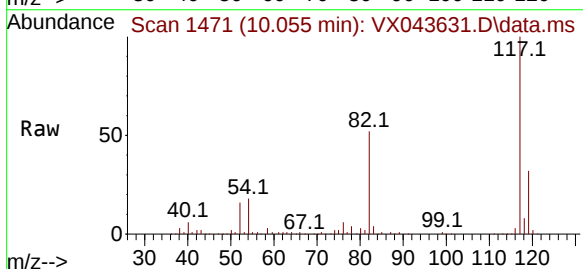
Instrument :
MSVOA_X
ClientSampleId :

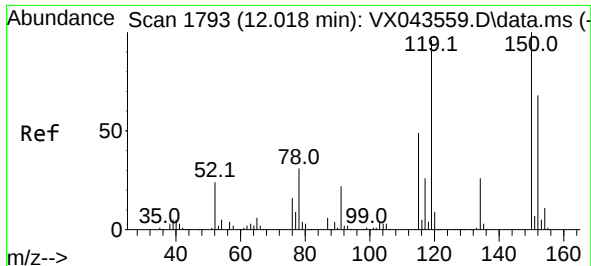
Tgt Ion: 95 Resp: 106964
Ion Ratio Lower Upper
95 100
174 77.8 0.0 146.6
176 74.9 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

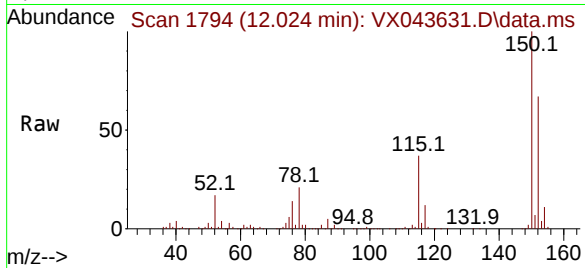
Tgt Ion: 117 Resp: 233094
Ion Ratio Lower Upper
117 100
82 51.8 42.1 63.1
119 31.7 25.4 38.2



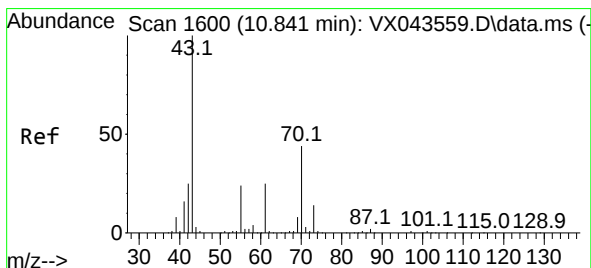
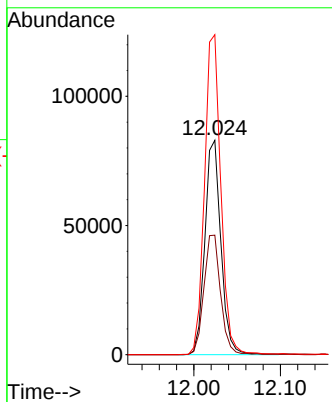
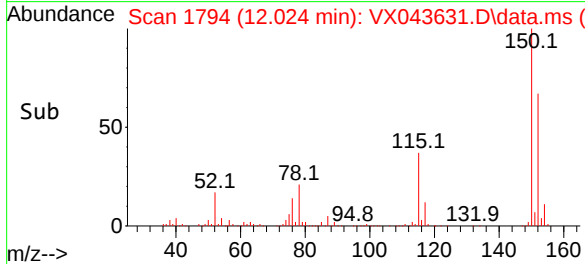


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX043631.D
 Acq: 30 Oct 2024 17:53

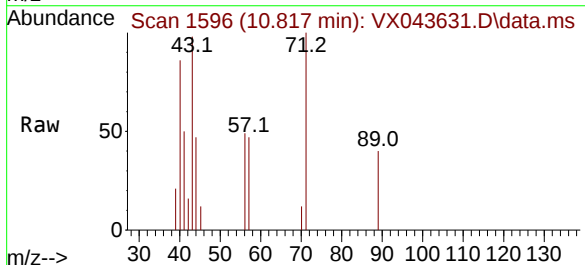
Instrument :
 MSVOA_X
 ClientSampleId :



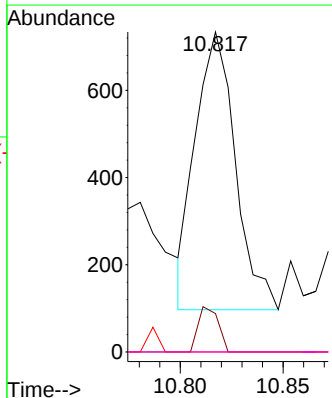
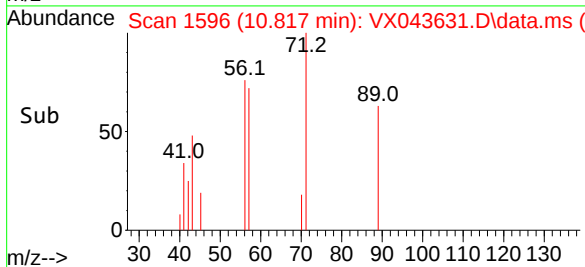
Tgt Ion:152 Resp: 106787
 Ion Ratio Lower Upper
 152 100
 115 58.1 42.9 128.7
 150 151.7 0.0 343.6

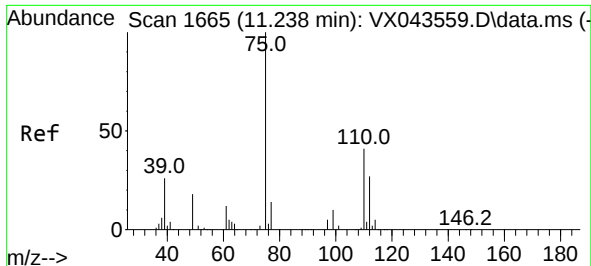


#74
 N-ethyl acetate
 Concen: 0.234 ug/l
 RT: 10.817 min Scan# 1596
 Delta R.T. -0.024 min
 Lab File: VX043631.D
 Acq: 30 Oct 2024 17:53



Tgt Ion: 43 Resp: 862
 Ion Ratio Lower Upper
 43 100
 70 8.1 34.6 52.0#
 55 0.0 19.6 29.4#
 61 0.0 20.2 30.2#

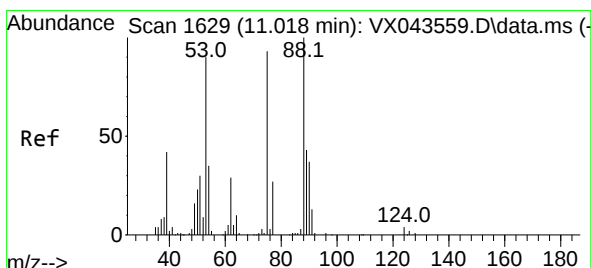
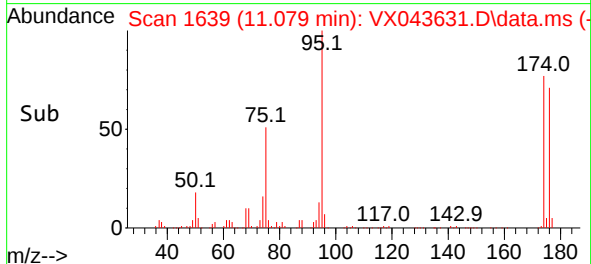
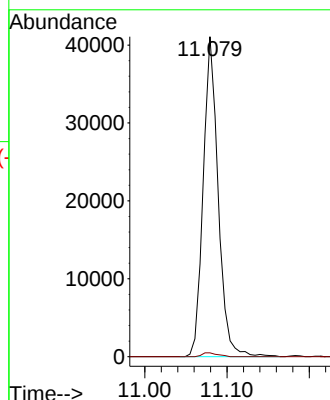
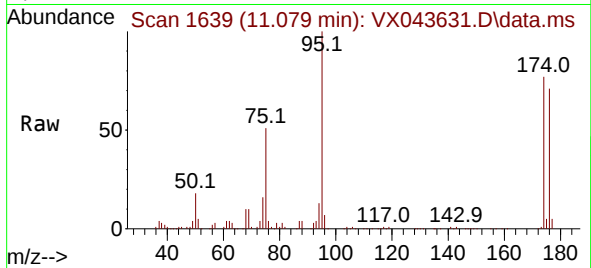




#76
1,2,3-Trichloropropane
Concen: 22.743 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 51927
Ion Ratio Lower Upper
75 100
77 1.3 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.566 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043631.D
Acq: 30 Oct 2024 17:53

Tgt Ion: 75 Resp: 51927
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#

