

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101124\
 Data File : VX043366.D
 Acq On : 11 Oct 2024 15:37
 Operator : JC/MD
 Sample : P4396-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 14 02:47:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

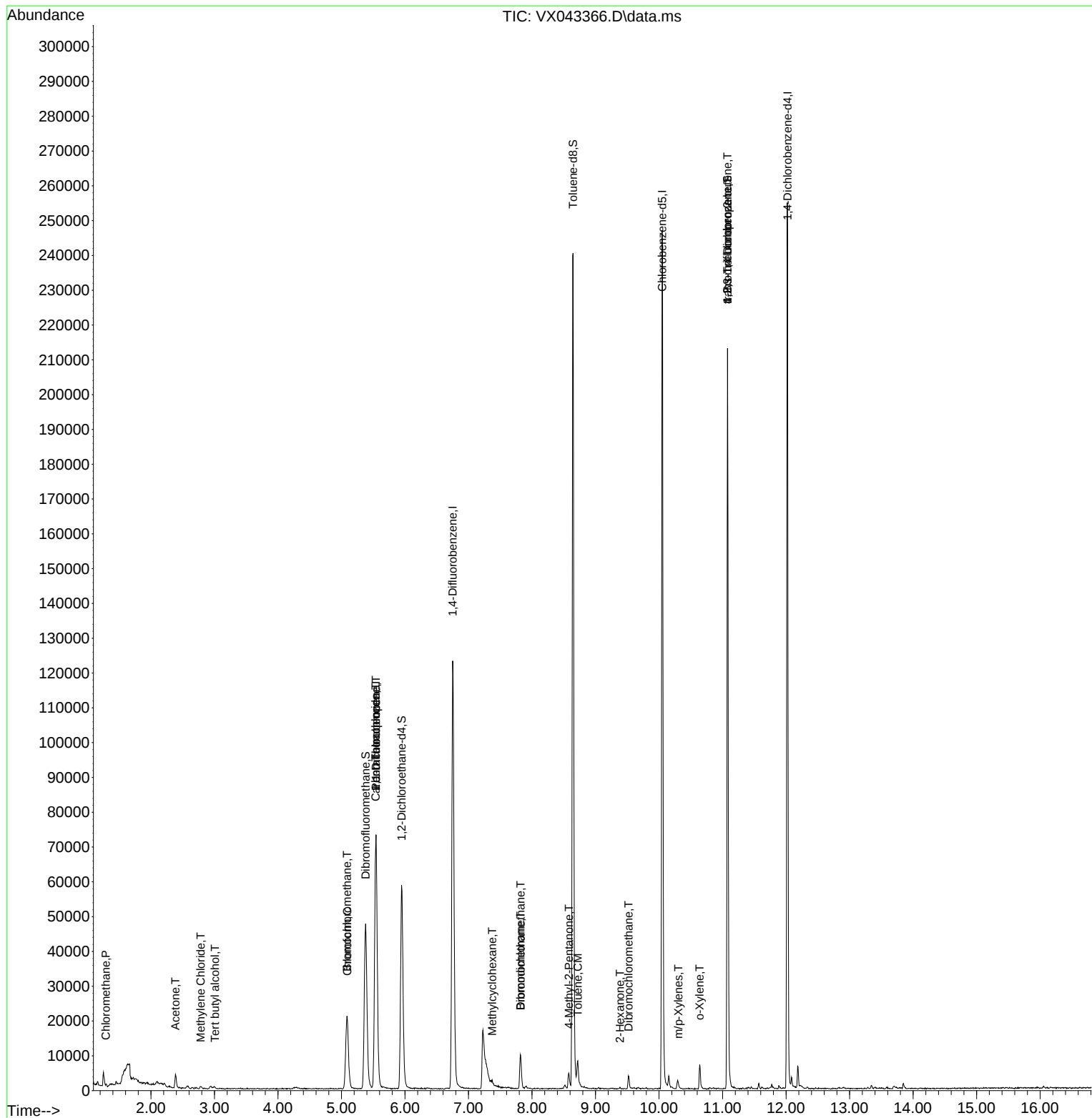
Internal Standards						
1) Pentafluorobenzene	5.544	168	67749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	125121	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	110771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	60606	54.775	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.560%	
35) Dibromofluoromethane	5.379	113	41935	48.599	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.200%	
50) Toluene-d8	8.647	98	148008	49.496	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.000%	
62) 4-Bromofluorobenzene	11.079	95	55700	51.272	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	242	0.298	ug/l #	84
11) Tert butyl alcohol	3.008	59	495	2.351	ug/l #	84
16) Acetone	2.386	43	4640	10.042	ug/l	89
20) Methylene Chloride	2.782	84	243	0.285	ug/l	90
28) Bromochloromethane	5.087	49	2208	3.862	ug/l #	10
30) Chloroform	5.093	83	24892	15.642	ug/l	95
36) 1,1-Dichloropropene	5.544	75	5722	5.249	ug/l #	52
38) Carbon Tetrachloride	5.538	117	7505	5.816	ug/l #	15
39) Methylcyclohexane	7.373	83	470	0.343	ug/l #	82
46) Dibromomethane	7.818	93	223	0.343	ug/l #	5
47) Bromodichloromethane	7.818	83	6664	5.215	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	3220	2.452	ug/l	93
52) Toluene	8.720	92	2696	1.302	ug/l	93
59) 2-Hexanone	9.385	43	287	0.289	ug/l #	26
60) Dibromochloromethane	9.519	129	1841	1.928	ug/l	99
68) m/p-Xylenes	10.305	106	342	0.220	ug/l	83
69) o-Xylene	10.640	106	1498	0.969	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	31175	27.256	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	31175	70.638	ug/l #	8

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
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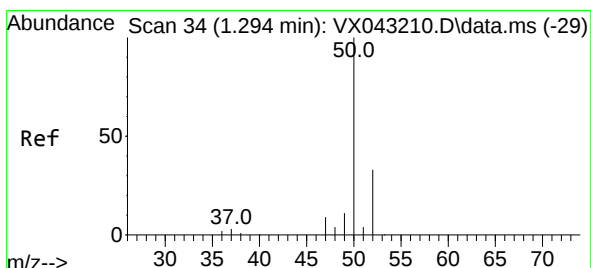
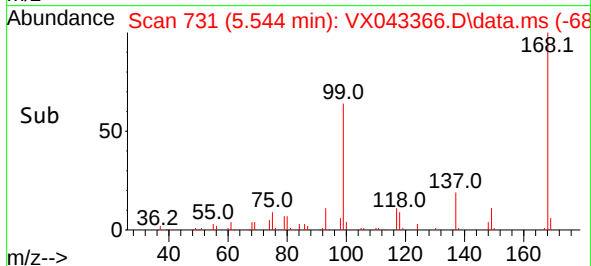
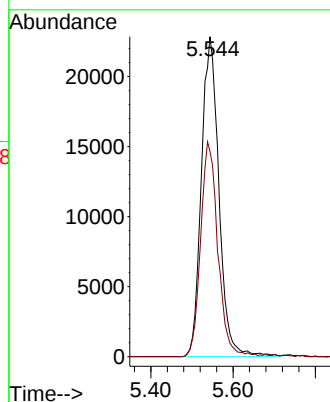
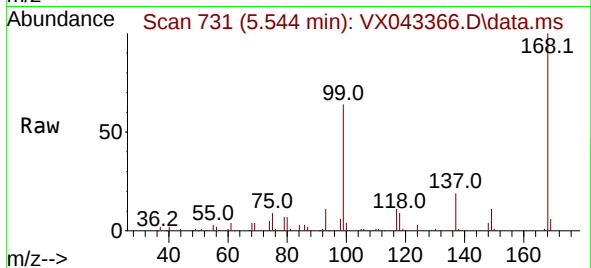




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

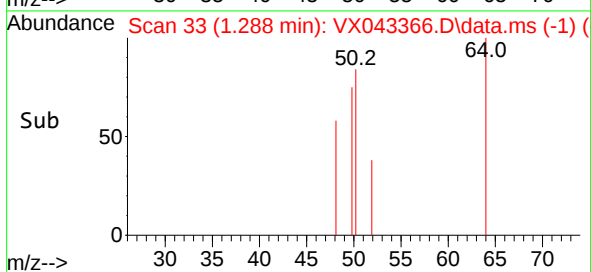
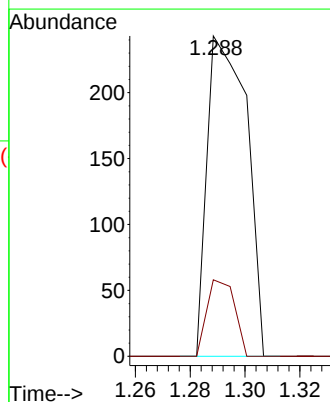
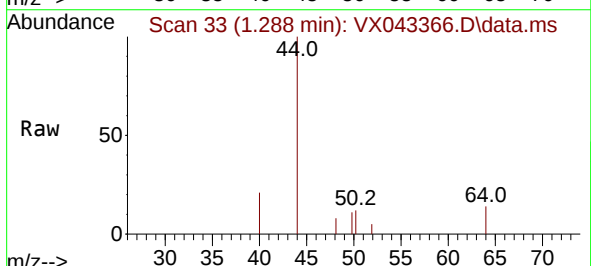
Instrument :
MSVOA_X
ClientSampleId :

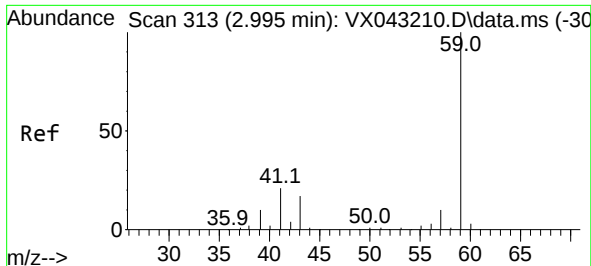
Tgt Ion:168 Resp: 67749
Ion Ratio Lower Upper
168 100
99 64.2 49.7 74.5



#3
Chloromethane
Concen: 0.298 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

Tgt Ion: 50 Resp: 242
Ion Ratio Lower Upper
50 100
52 23.9 26.1 39.1#





#11

Tert butyl alcohol

Concen: 2.351 ug/l

RT: 3.008 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX043366.D

Acq: 11 Oct 2024 15:37

Instrument :

MSVOA_X

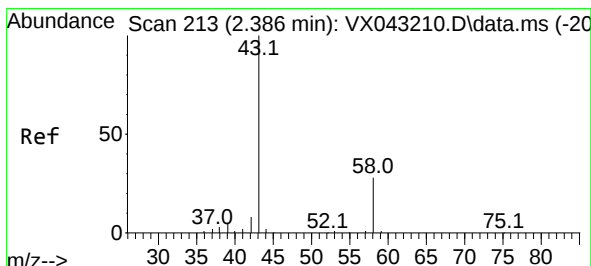
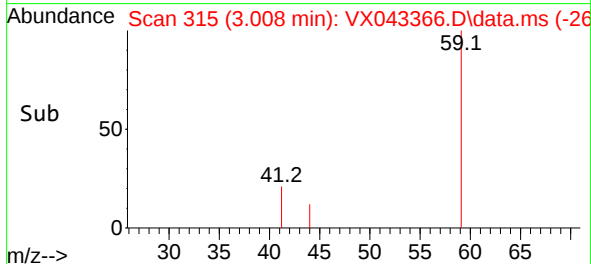
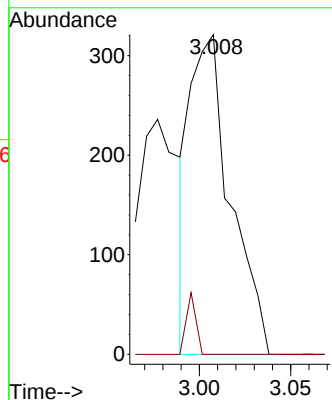
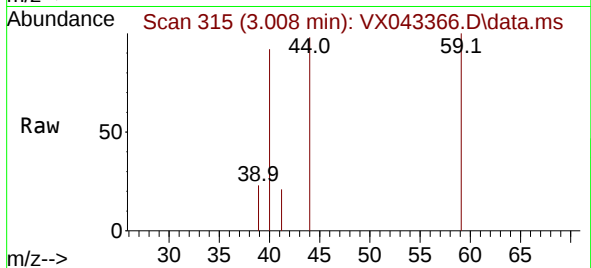
ClientSampleId :

Tgt Ion: 59 Resp: 495

Ion Ratio Lower Upper

59 100

57 4.6 8.6 13.0#



#16

Acetone

Concen: 10.042 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX043366.D

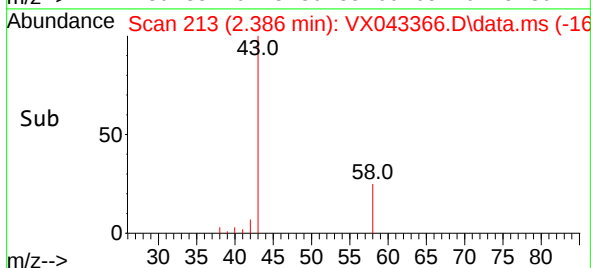
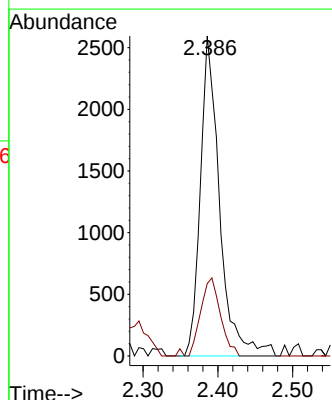
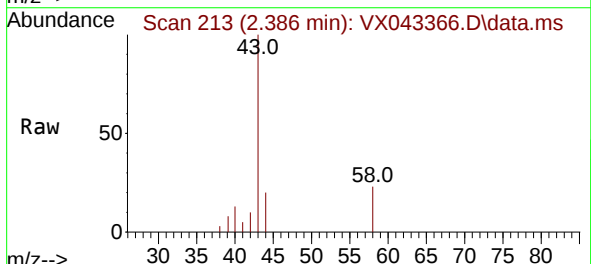
Acq: 11 Oct 2024 15:37

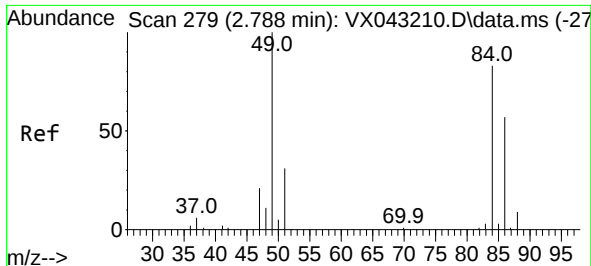
Tgt Ion: 43 Resp: 4640

Ion Ratio Lower Upper

43 100

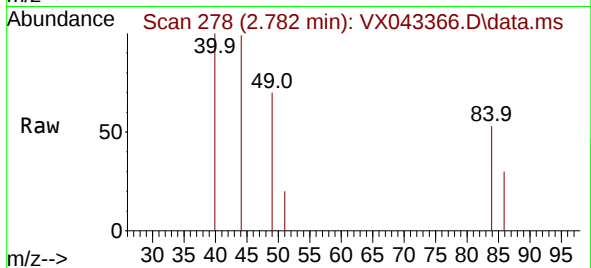
58 22.6 22.6 33.8



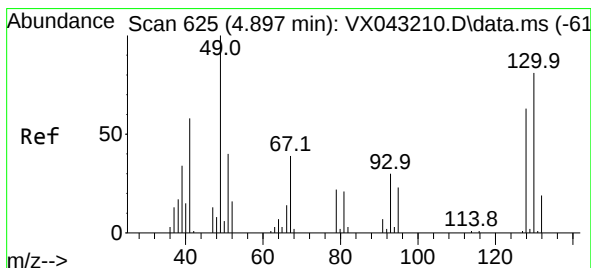
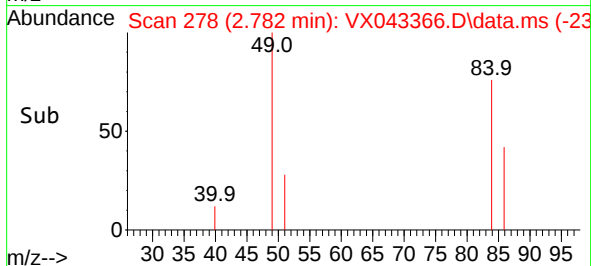
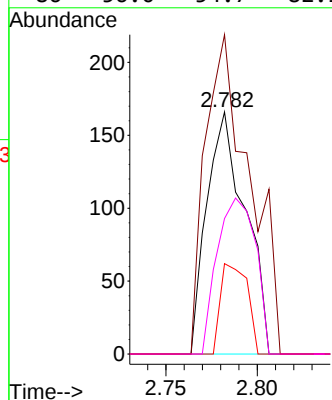


#20
Methylene Chloride
Concen: 0.285 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

Instrument :
MSVOA_X
ClientSampleId :

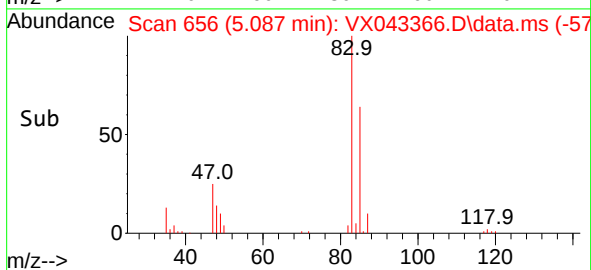
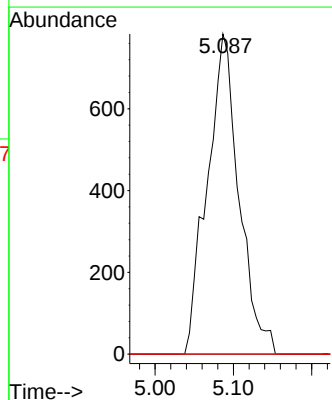
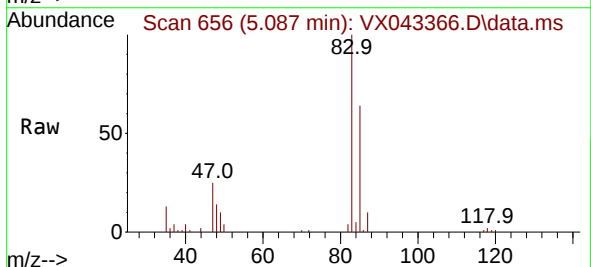


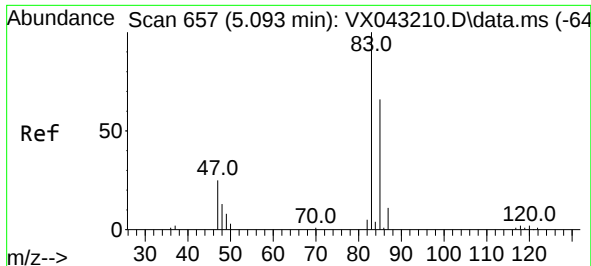
Tgt Ion: 84	Resp: 243
Ion Ratio	Lower Upper
84 100	
49 131.9	96.7 145.1
51 37.3	30.4 45.6
86 56.0	54.7 82.1



#28
Bromochloromethane
Concen: 3.862 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.189 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

Tgt Ion: 49	Resp: 2208
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.0
130 0.0	65.5 98.3#

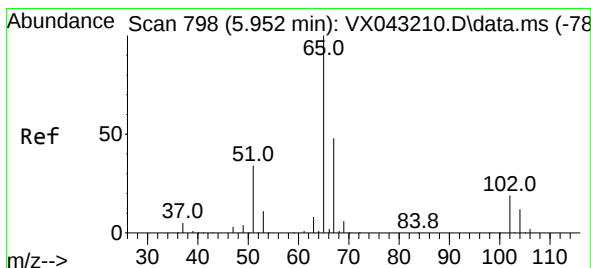
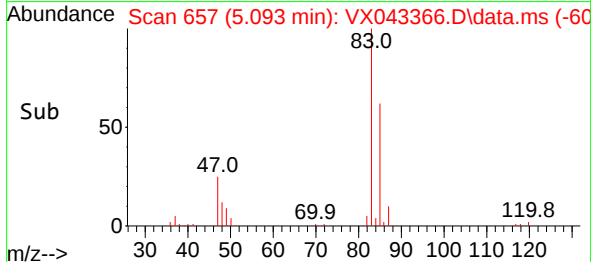
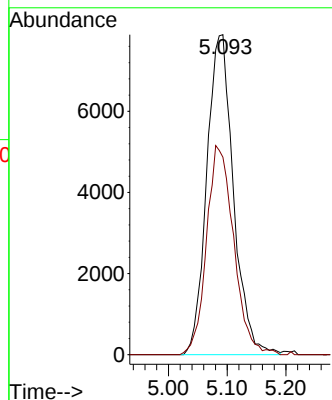
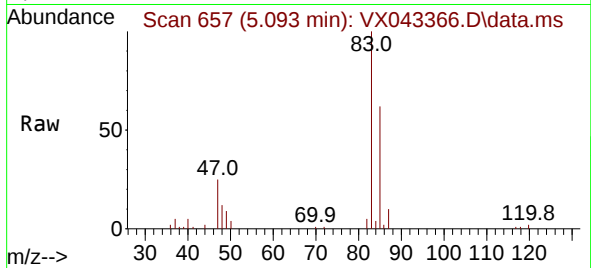




#30
Chloroform
Concen: 15.642 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

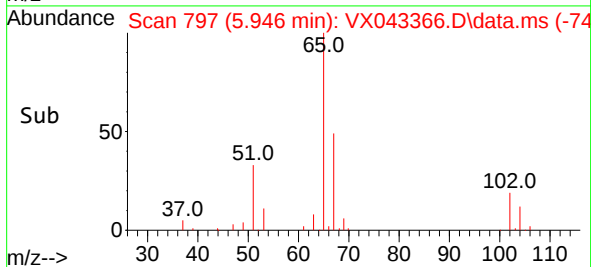
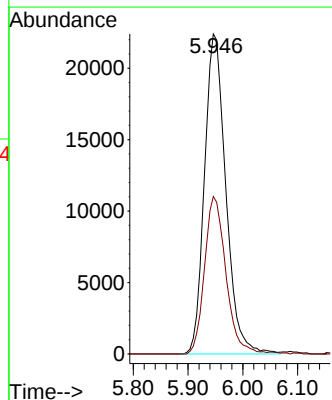
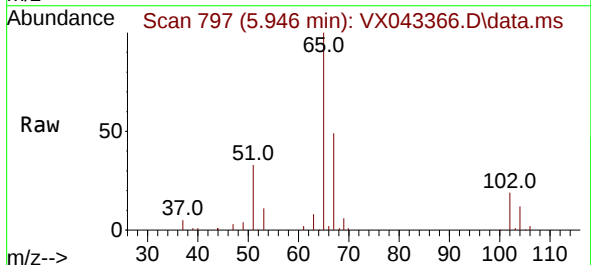
Instrument :
MSVOA_X
ClientSampleId :

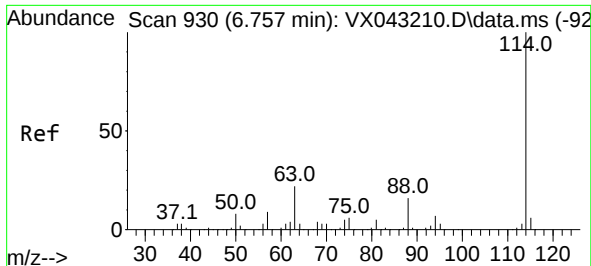
Tgt Ion: 83 Resp: 24892
Ion Ratio Lower Upper
83 100
85 61.7 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 54.775 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

Tgt Ion: 65 Resp: 60606
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

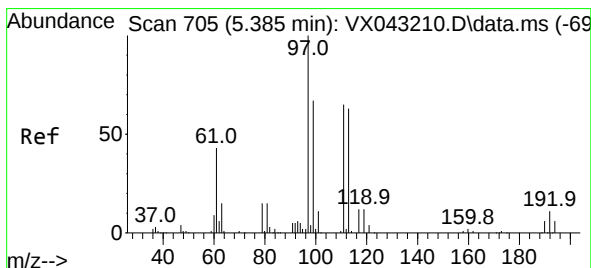
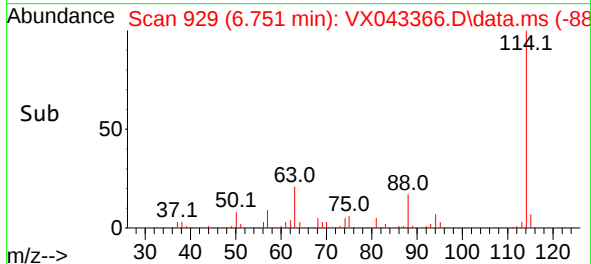
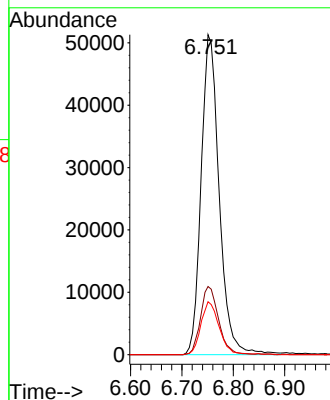
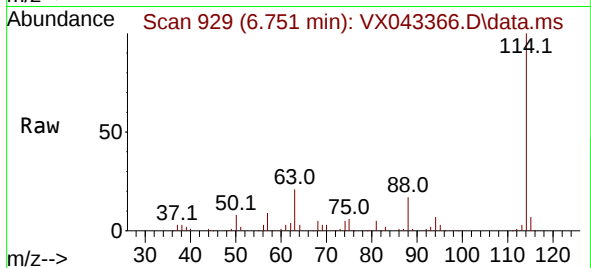




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

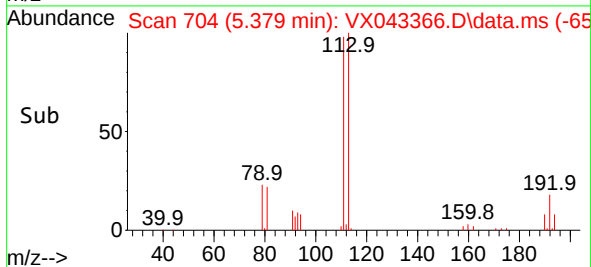
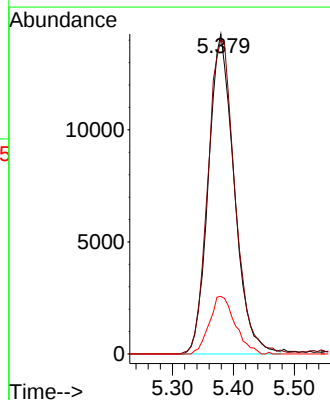
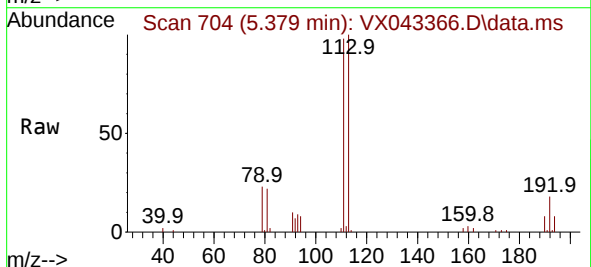
Instrument :
MSVOA_X
ClientSampleId :

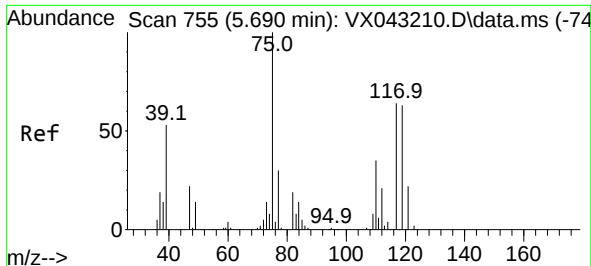
Tgt Ion:114 Resp: 125121
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.0
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.599 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

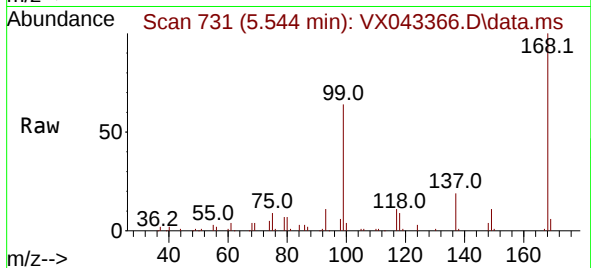
Tgt Ion:113 Resp: 41935
Ion Ratio Lower Upper
113 100
111 103.2 83.4 125.0
192 18.0 14.1 21.1



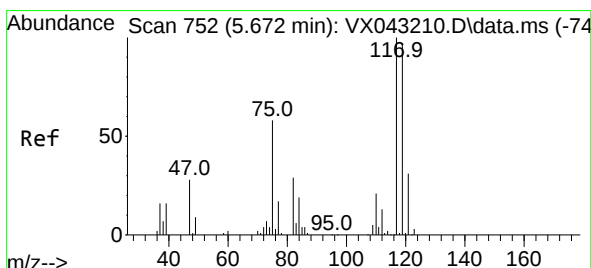
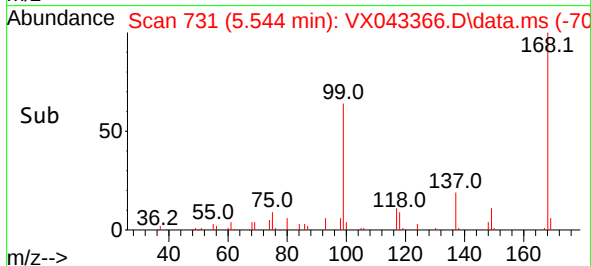
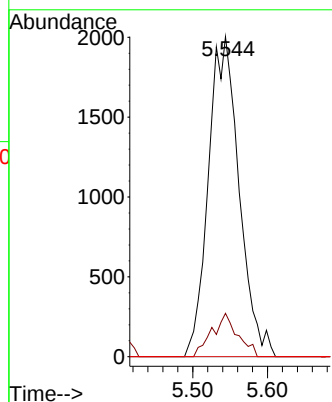


#36
1,1-Dichloropropene
Concen: 5.249 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

Instrument :
MSVOA_X
ClientSampleId :

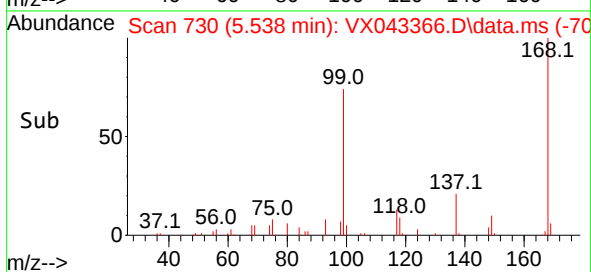
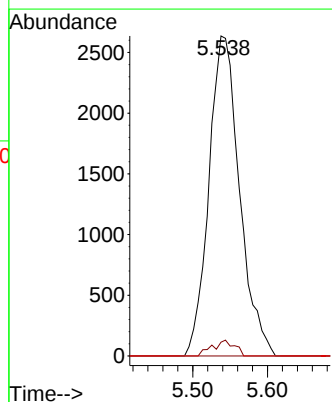
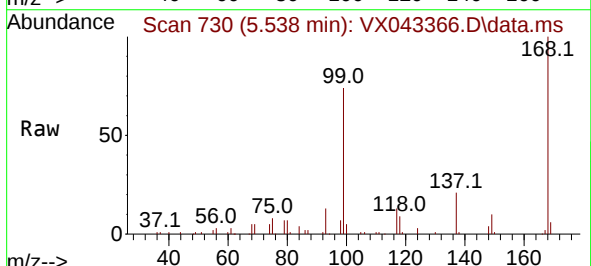


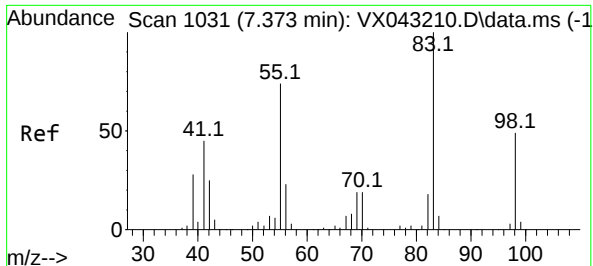
Tgt Ion: 75 Resp: 5722
Ion Ratio Lower Upper
75 100
110 11.4 17.8 53.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.816 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

Tgt Ion: 117 Resp: 7505
Ion Ratio Lower Upper
117 100
119 4.3 77.7 116.5#
121 0.0 24.3 36.5#

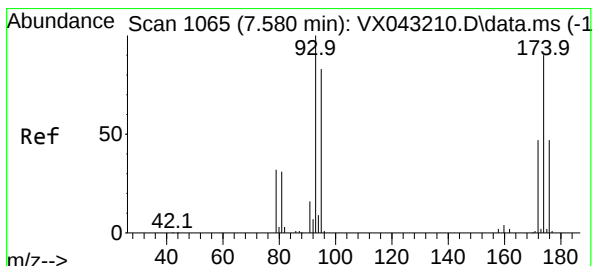
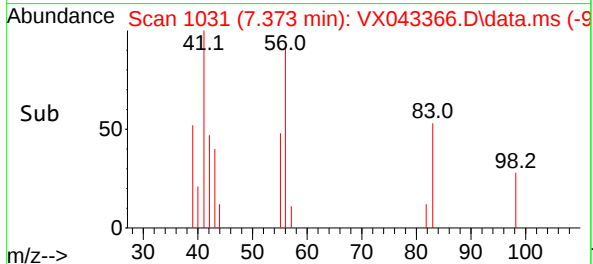
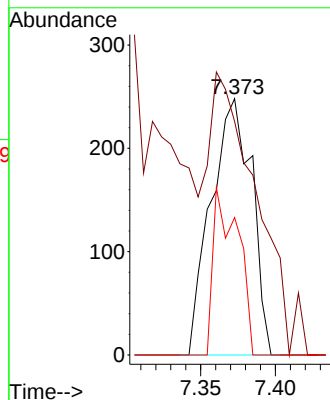
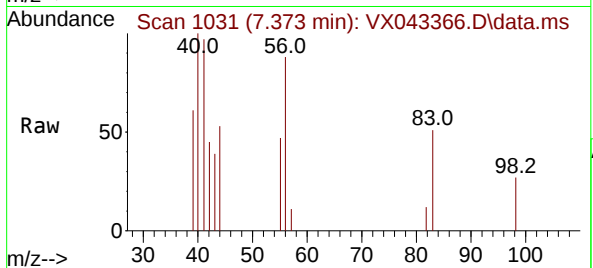




#39
Methylcyclohexane
Concen: 0.343 ug/l
RT: 7.373 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

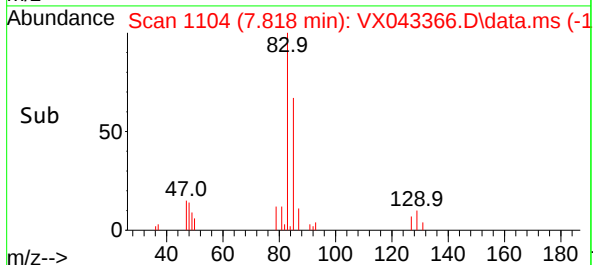
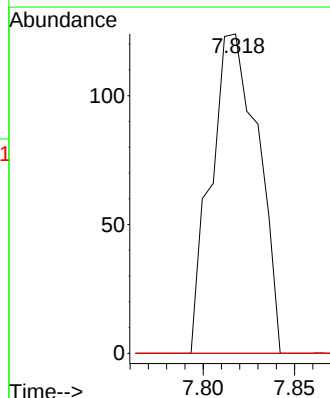
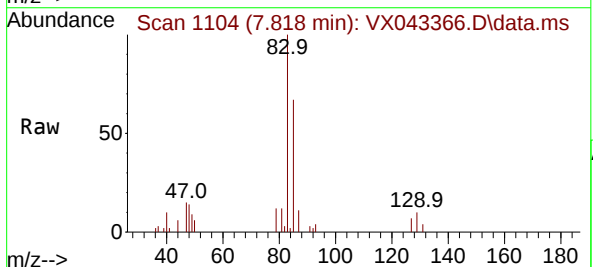
Instrument :
MSVOA_X
ClientSampleId :

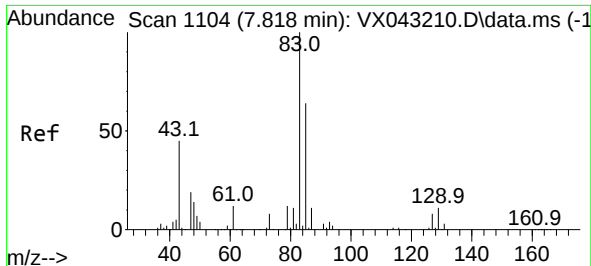
Tgt Ion: 83 Resp: 470
Ion Ratio Lower Upper
83 100
55 53.2 59.4 89.2#
98 53.6 39.3 58.9



#46
Dibromomethane
Concen: 0.343 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.238 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

Tgt Ion: 93 Resp: 223
Ion Ratio Lower Upper
93 100
95 0.0 65.8 98.8#
174 0.0 74.5 111.7#

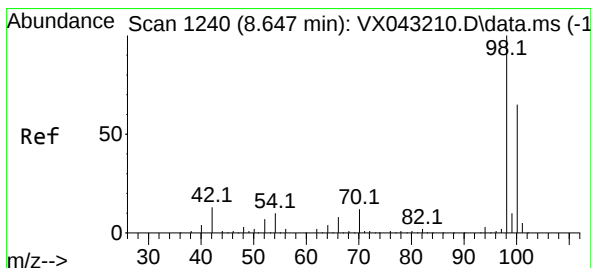
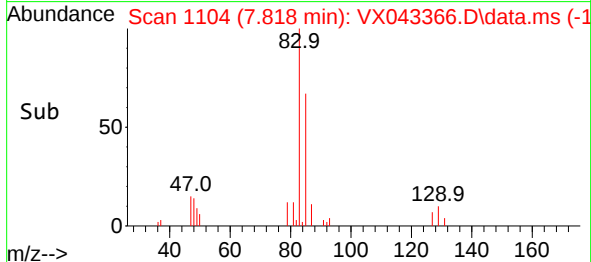
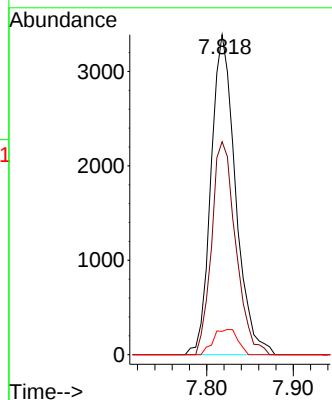
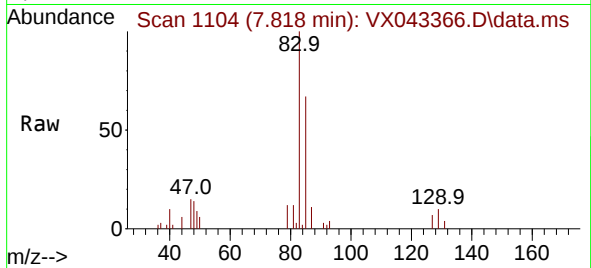




#47
Bromodichloromethane
Concen: 5.215 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

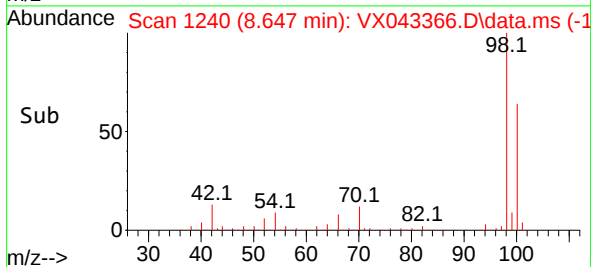
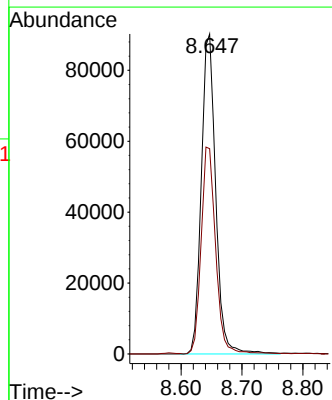
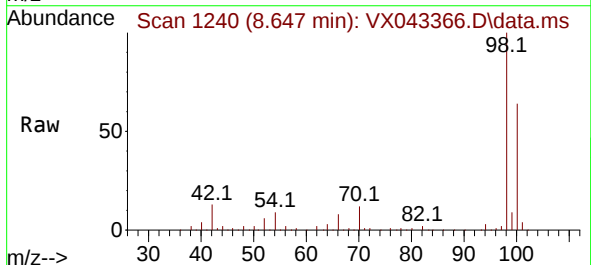
Instrument :
MSVOA_X
ClientSampleId :

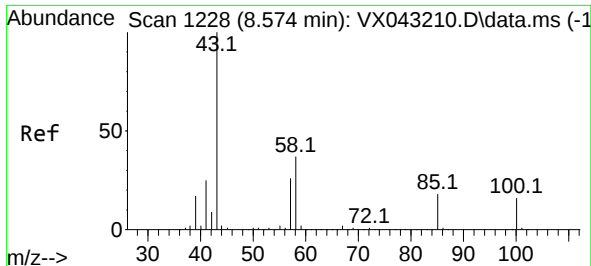
Tgt Ion: 83 Resp: 6664
Ion Ratio Lower Upper
83 100
85 66.6 51.4 77.2
127 7.3 6.2 9.4



#50
Toluene-d8
Concen: 49.496 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

Tgt Ion: 98 Resp: 148008
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

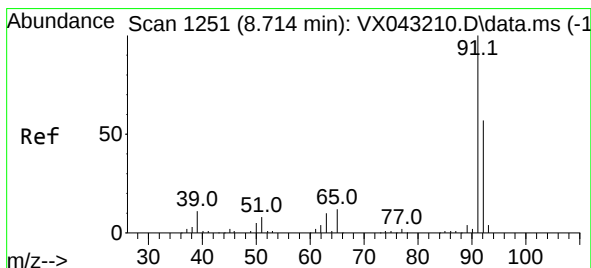
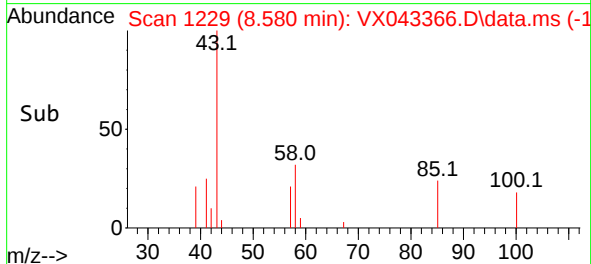
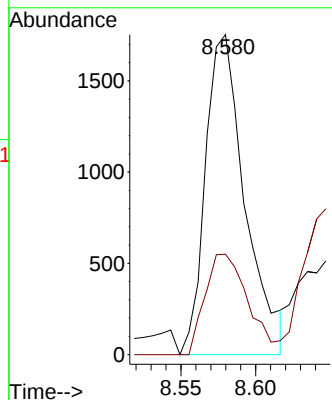
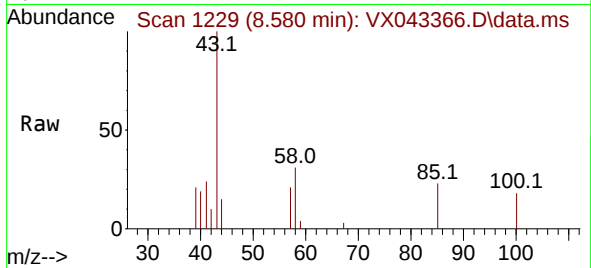




#51
4-Methyl-2-Pentanone
Concen: 2.452 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

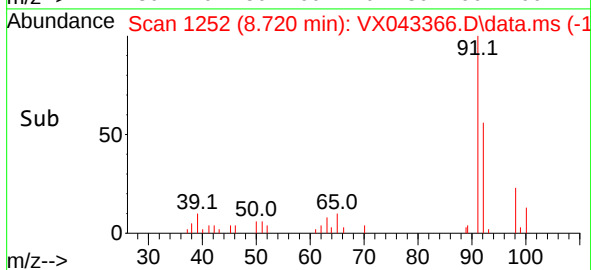
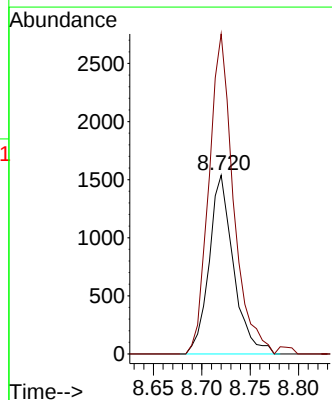
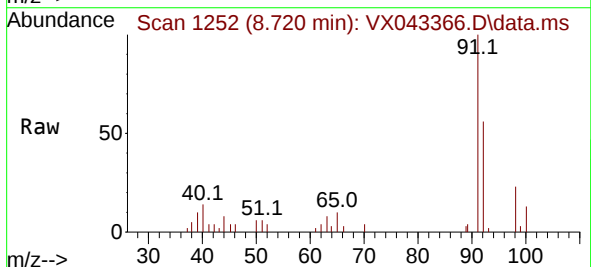
Instrument :
MSVOA_X
ClientSampleId :

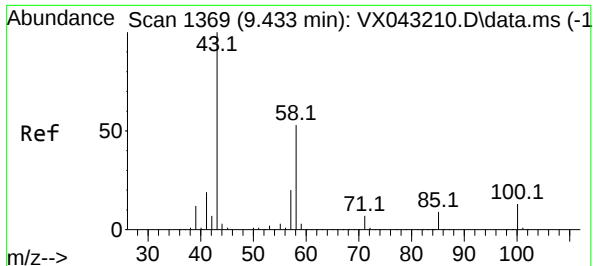
Tgt Ion: 43 Resp: 3220
Ion Ratio Lower Upper
43 100
58 33.6 30.0 45.0



#52
Toluene
Concen: 1.302 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

Tgt Ion: 92 Resp: 2696
Ion Ratio Lower Upper
92 100
91 180.2 137.0 205.4

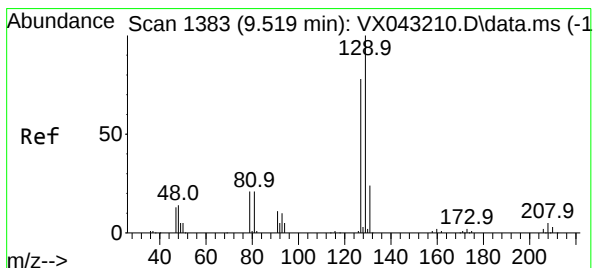
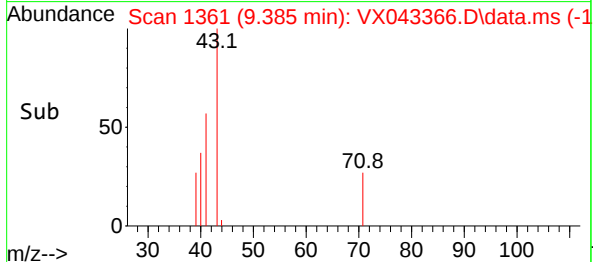
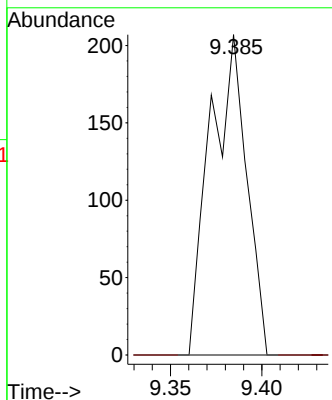
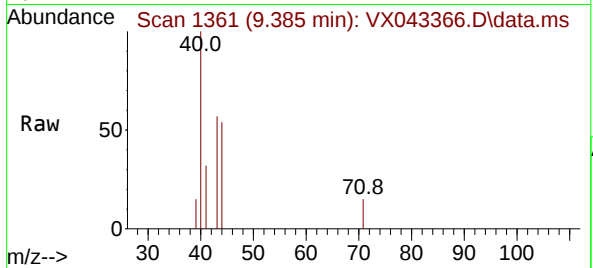




#59
2-Hexanone
Concen: 0.289 ug/l
RT: 9.385 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

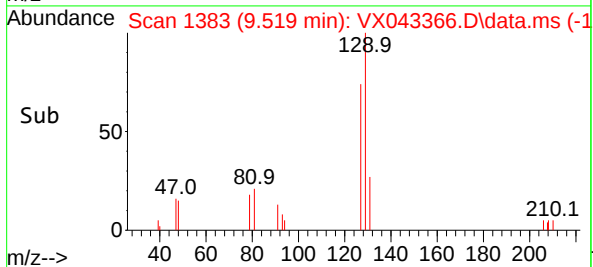
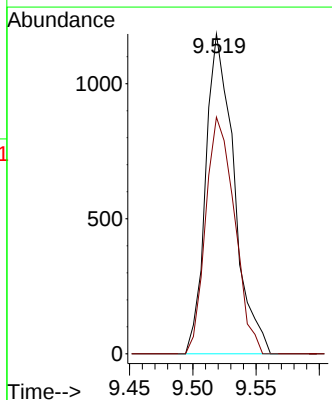
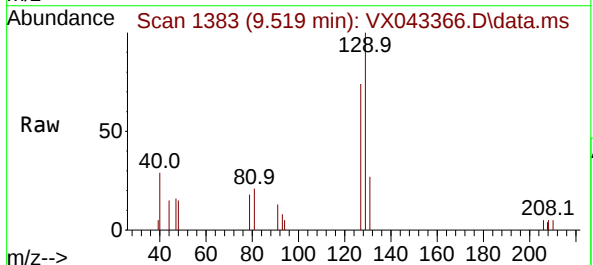
Instrument :
MSVOA_X
ClientSampleId :

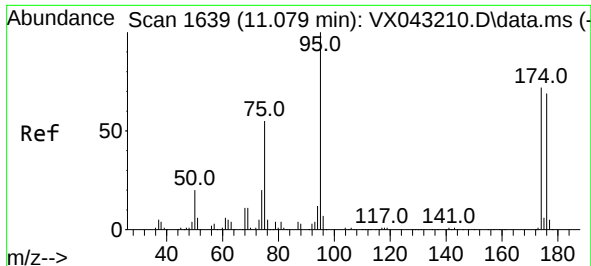
Tgt Ion: 43 Resp: 287
Ion Ratio Lower Upper
43 100
58 0.0 26.1 78.3#



#60
Dibromochloromethane
Concen: 1.928 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

Tgt Ion: 129 Resp: 1841
Ion Ratio Lower Upper
129 100
127 75.6 38.3 114.9

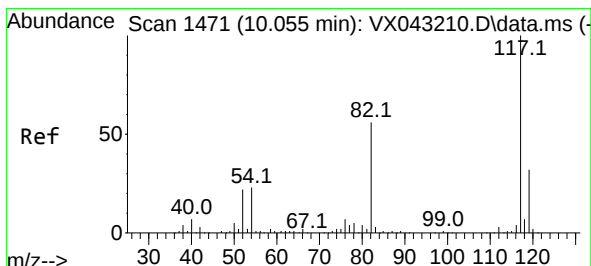
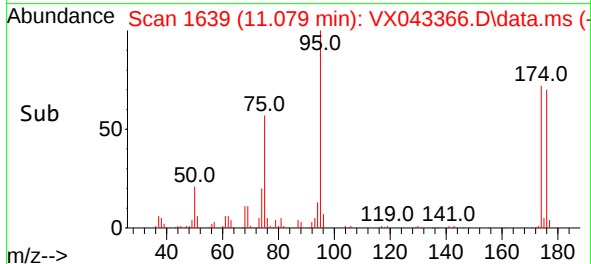
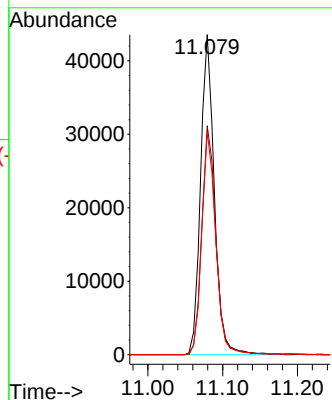
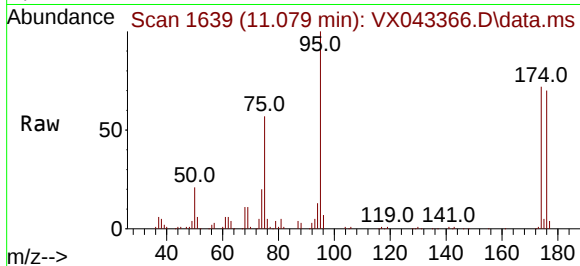




#62
4-Bromofluorobenzene
Concen: 51.272 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

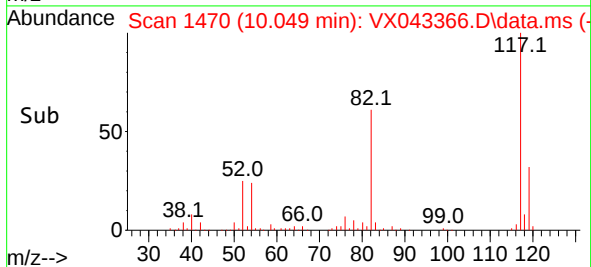
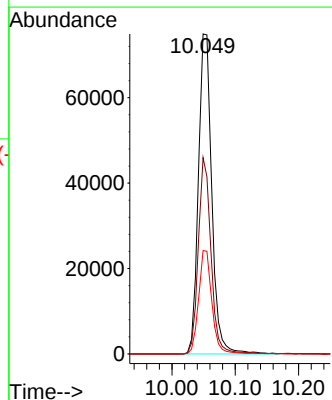
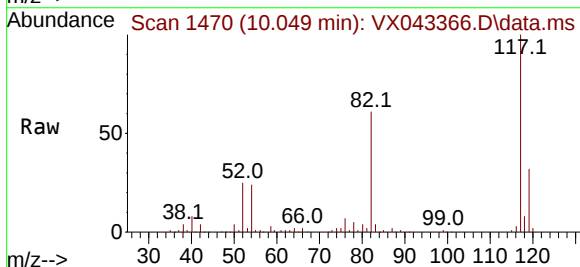
Instrument :
MSVOA_X
ClientSampleId :

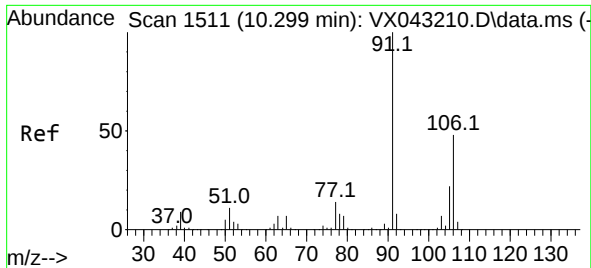
Tgt Ion: 95 Resp: 55700
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.0
176 70.7 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

Tgt Ion: 117 Resp: 110771
Ion Ratio Lower Upper
117 100
82 61.3 45.0 67.6
119 32.3 25.3 37.9

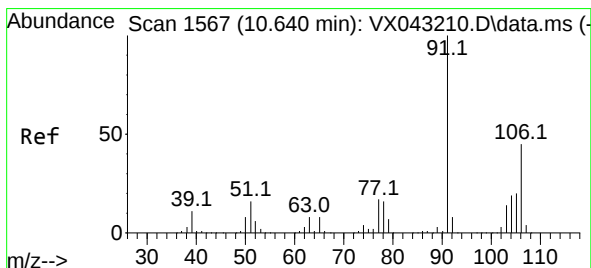
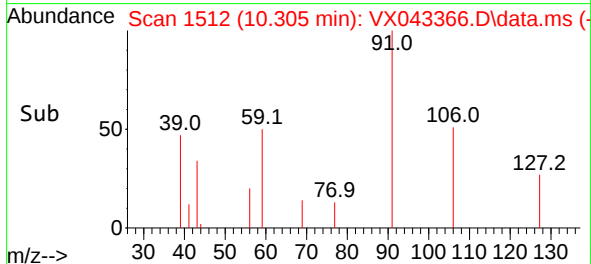
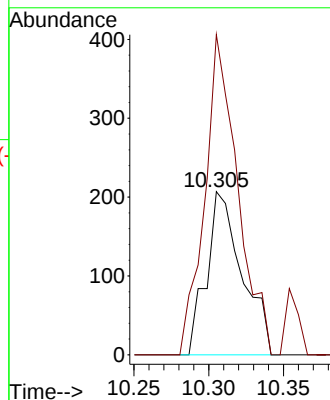
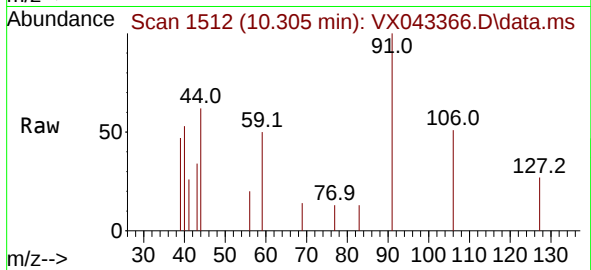




#68
m/p-Xylenes
Concen: 0.220 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

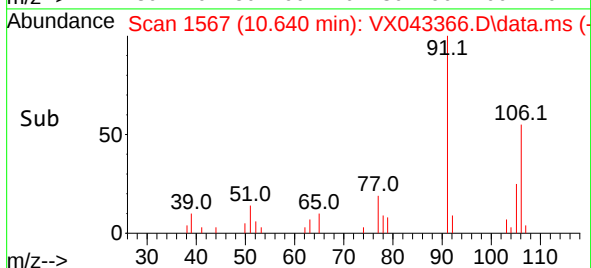
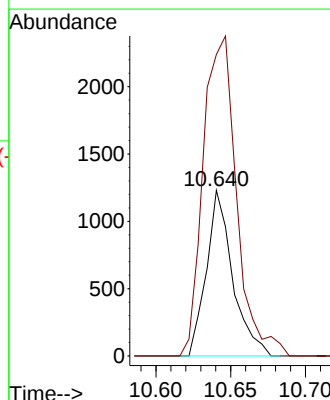
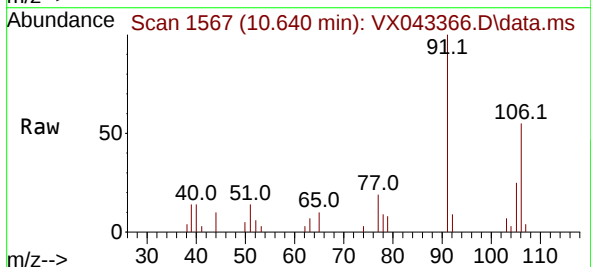
Instrument :
MSVOA_X
ClientSampleId :

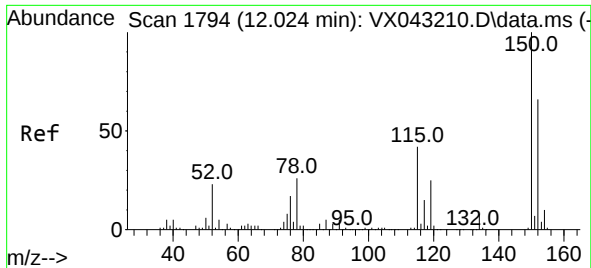
Tgt Ion:106 Resp: 342
Ion Ratio Lower Upper
106 100
91 182.2 167.0 250.6



#69
o-Xylene
Concen: 0.969 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

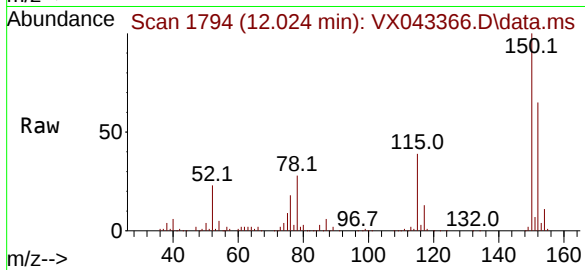
Tgt Ion:106 Resp: 1498
Ion Ratio Lower Upper
106 100
91 246.3 111.6 334.8



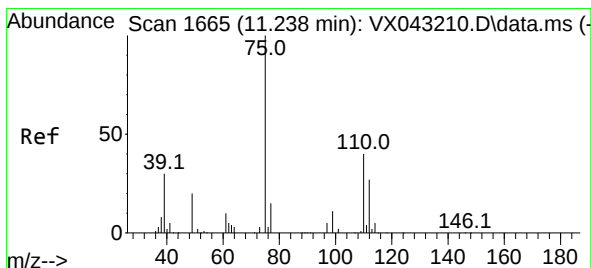
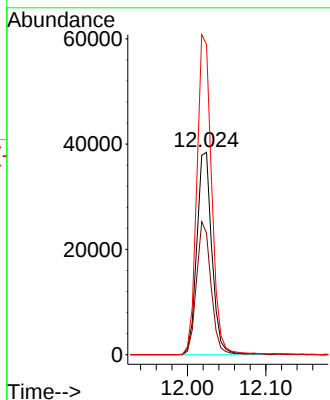
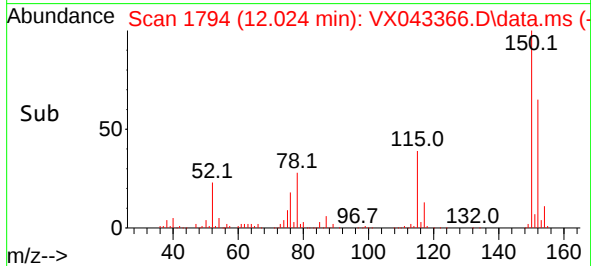


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX043366.D
 Acq: 11 Oct 2024 15:37

Instrument :
 MSVOA_X
 ClientSampleId :

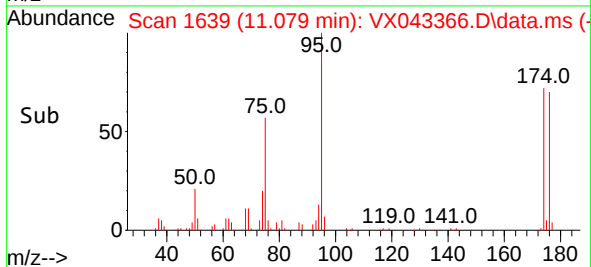
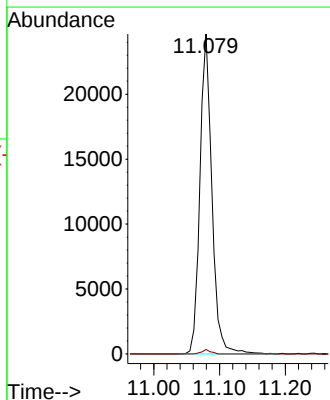
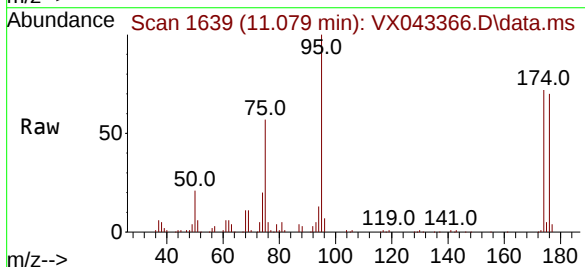


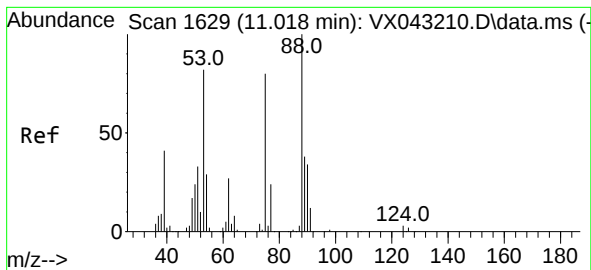
Tgt Ion:152 Resp: 51566
 Ion Ratio Lower Upper
 152 100
 115 63.4 44.1 132.3
 150 156.3 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 27.256 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX043366.D
 Acq: 11 Oct 2024 15:37

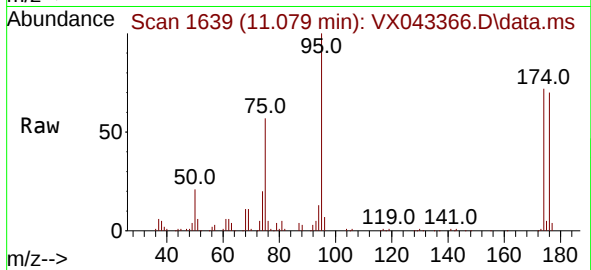
Tgt Ion: 75 Resp: 31175
 Ion Ratio Lower Upper
 75 100
 77 1.0 22.0 66.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.638 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043366.D
Acq: 11 Oct 2024 15:37

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 31175
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

