

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042886.D
 Acq On : 06 Aug 2024 23:22
 Operator : JC/MD
 Sample : VX0806WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBL01

Quant Time: Aug 07 06:26:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

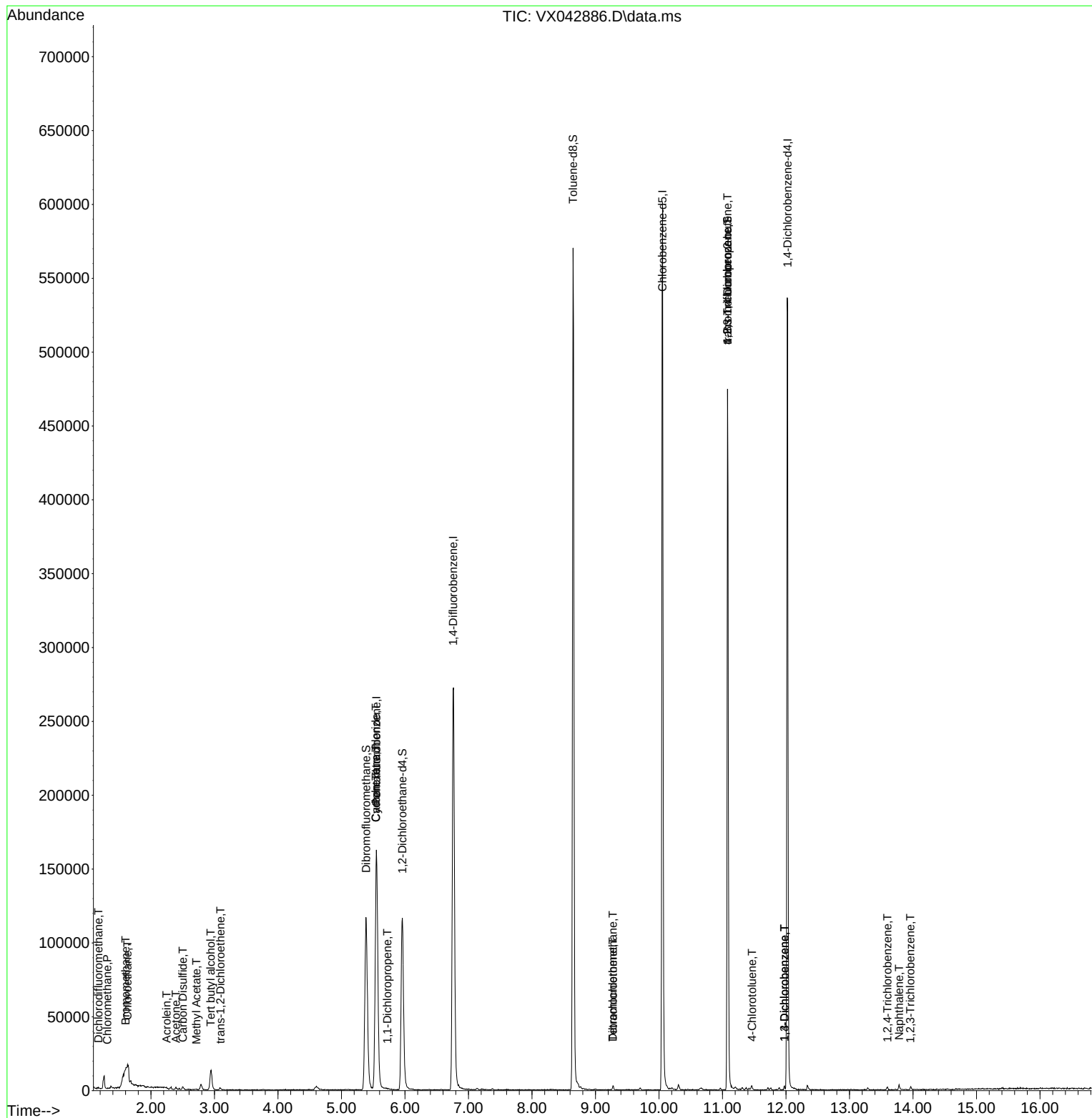
Internal Standards						
1) Pentafluorobenzene	5.550	168	153524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	292200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	120183	57.024	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 114.040%		
35) Dibromofluoromethane	5.385	113	103350	54.095	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.180%		
50) Toluene-d8	8.647	98	352449	51.964	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.920%		
62) 4-Bromofluorobenzene	11.079	95	126034	51.711	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 103.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	387	0.234	ug/l #	68
3) Chloromethane	1.313	50	498	0.276	ug/l #	88
5) Bromomethane	1.599	94	1420	1.372	ug/l #	38
6) Chloroethane	1.630	64	267	0.274	ug/l #	43
11) Tert butyl alcohol	2.941	59	8374	19.976	ug/l #	79
13) Acrolein	2.246	56	352	0.852	ug/l #	71
16) Acetone	2.392	43	1179	1.290	ug/l	100
17) Carbon Disulfide	2.502	76	2582	0.627	ug/l #	83
18) Methyl Acetate	2.715	43	777	0.268	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	434	0.255	ug/l #	59
31) Cyclohexane	5.544	56	3278	1.243	ug/l #	1
36) 1,1-Dichloropropene	5.721	75	593	0.229	ug/l #	45
38) Carbon Tetrachloride	5.544	117	16438	5.622	ug/l #	15
60) Dibromochloromethane	9.275	129	553	0.254	ug/l #	11
64) Tetrachloroethene	9.275	164	463	0.238	ug/l #	76
76) 1,2,3-Trichloropropane	11.079	75	65633	24.953	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	65633	81.135	ug/l #	5
82) 4-Chlorotoluene	11.463	91	1417	0.209	ug/l	86
87) 1,3-Dichlorobenzene	11.976	146	985	0.253	ug/l	96
88) 1,4-Dichlorobenzene	11.976	146	985	0.247	ug/l	95
93) 1,2,4-Trichlorobenzene	13.597	180	853	0.359	ug/l	74
95) Naphthalene	13.780	128	2746	0.334	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	836	0.349	ug/l	89

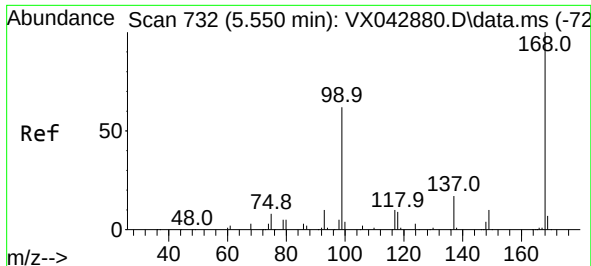
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
Data File : VX042886.D
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Sample : VX0806WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

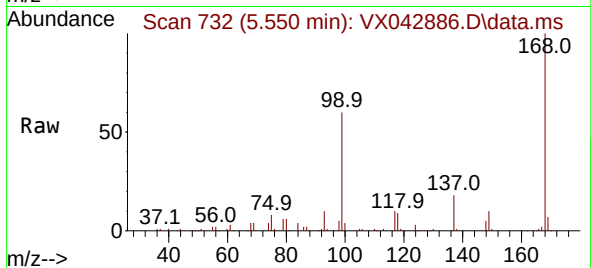
Quant Time: Aug 07 06:26:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration



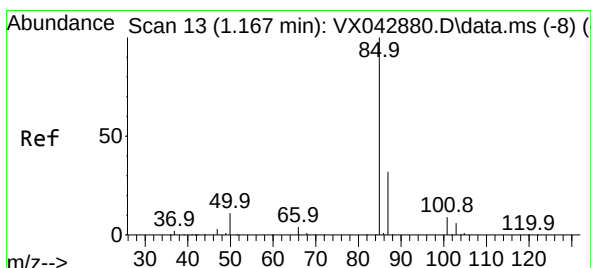
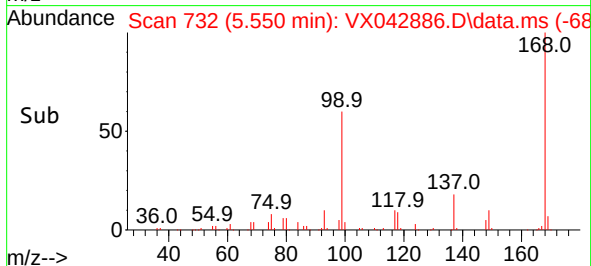
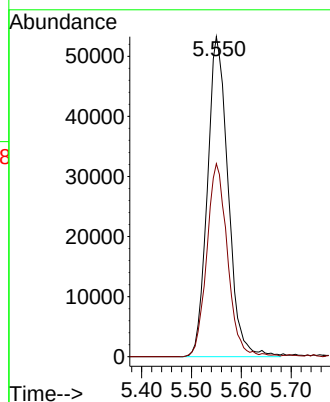


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

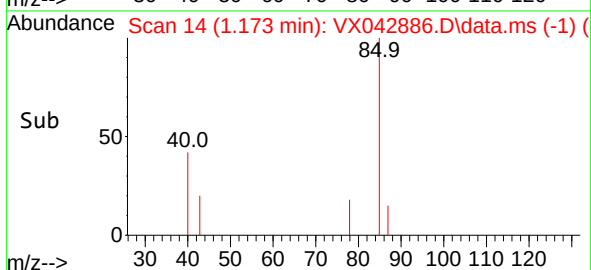
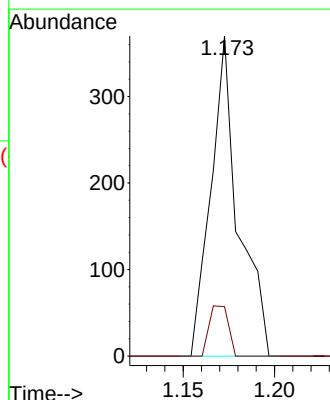
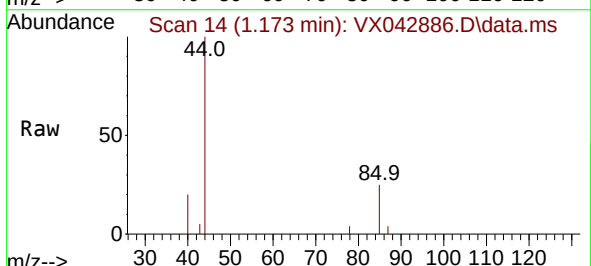


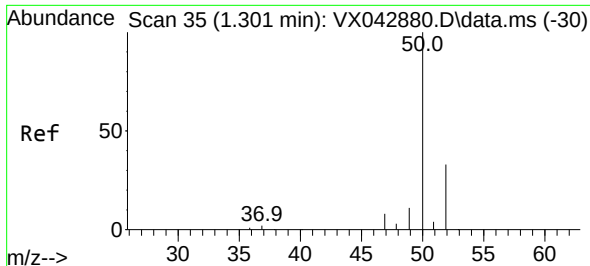
Tgt Ion:168 Resp: 153524
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.234 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

Tgt Ion: 85 Resp: 387
Ion Ratio Lower Upper
85 100
87 15.4 16.7 50.1#

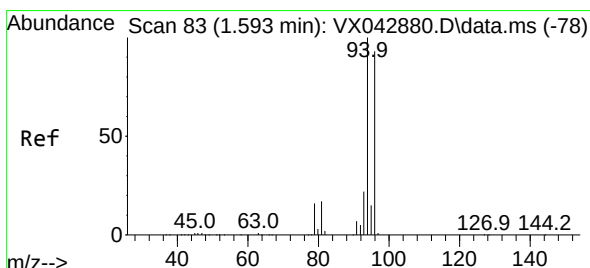
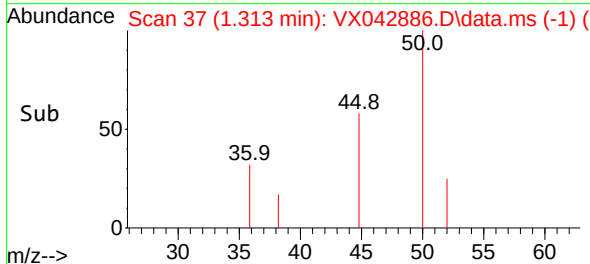
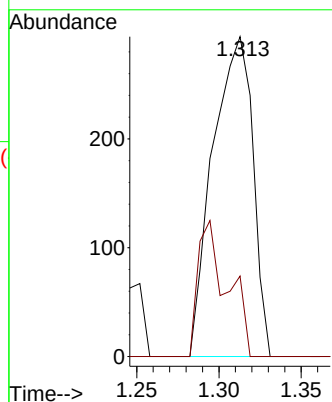
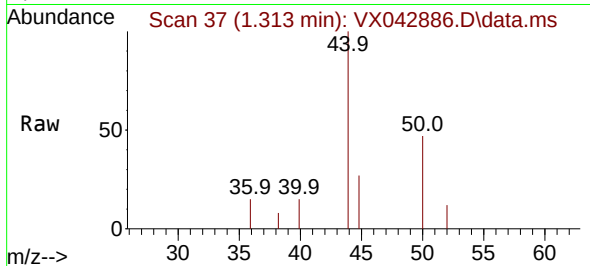




#3
Chloromethane
Concen: 0.276 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

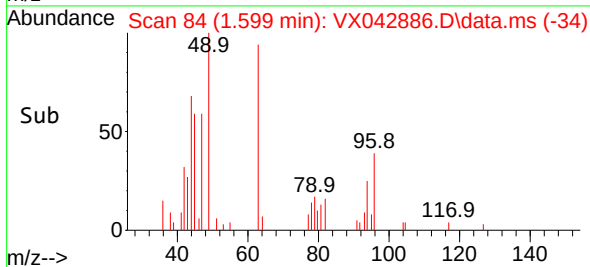
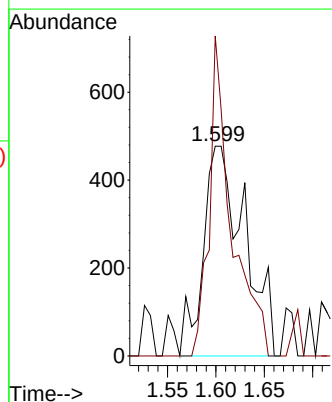
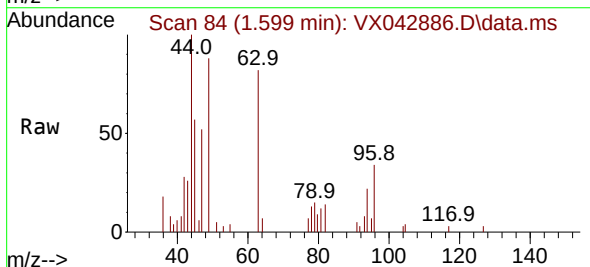
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

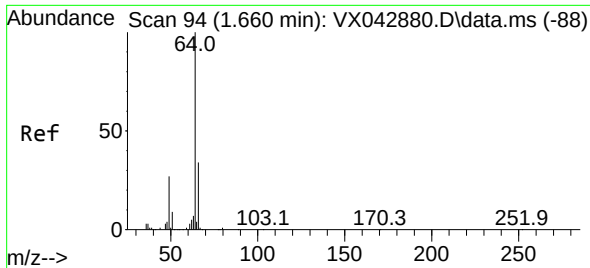
Tgt Ion: 50 Resp: 498
Ion Ratio Lower Upper
50 100
52 25.2 25.5 38.3#



#5
Bromomethane
Concen: 1.372 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

Tgt Ion: 94 Resp: 1420
Ion Ratio Lower Upper
94 100
96 152.6 74.6 111.8#

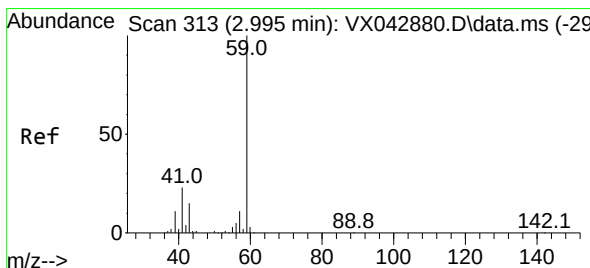
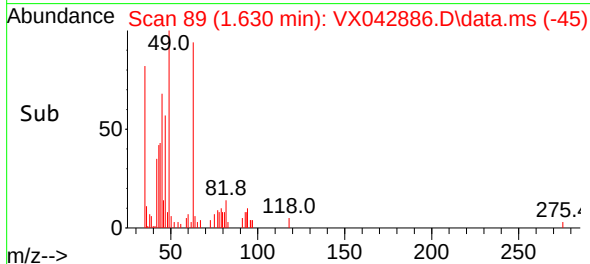
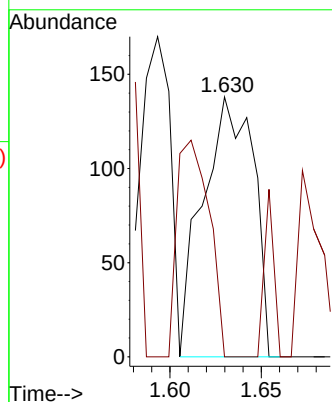
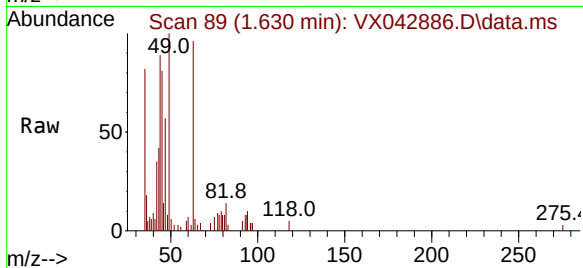




#6
 Chloroethane
 Concen: 0.274 ug/l
 RT: 1.630 min Scan# 89
 Delta R.T. -0.031 min
 Lab File: VX042886.D
 Acq: 06 Aug 2024 23:22

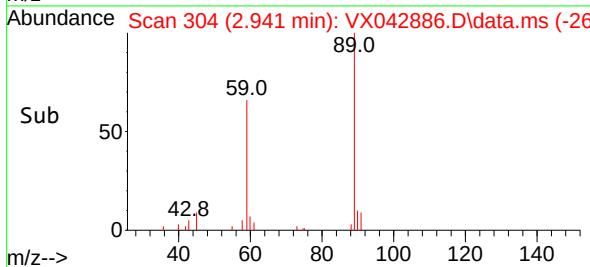
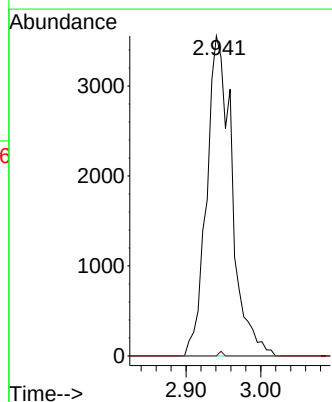
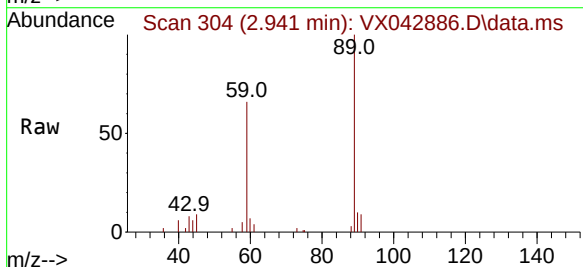
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBL01

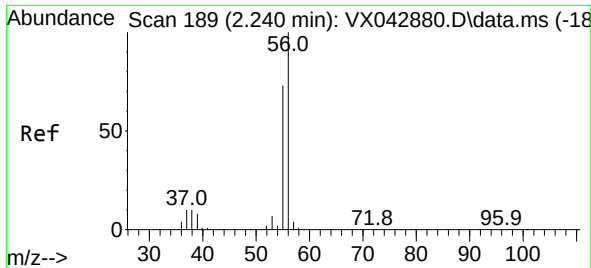
Tgt Ion: 64 Resp: 267
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.1 37.7#



#11
 Tert butyl alcohol
 Concen: 19.976 ug/l
 RT: 2.941 min Scan# 304
 Delta R.T. -0.055 min
 Lab File: VX042886.D
 Acq: 06 Aug 2024 23:22

Tgt Ion: 59 Resp: 8374
 Ion Ratio Lower Upper
 59 100
 57 0.2 6.0 9.0#





#13

Acrolein

Concen: 0.852 ug/l

RT: 2.246 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX042886.D

Acq: 06 Aug 2024 23:22

Instrument :

MSVOA_X

ClientSampleId :

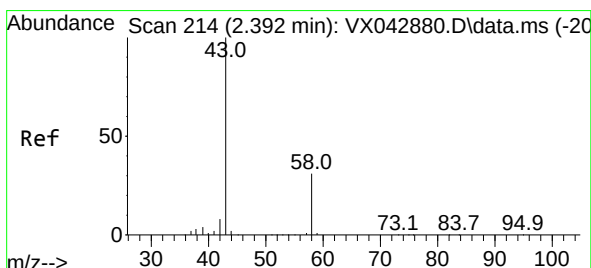
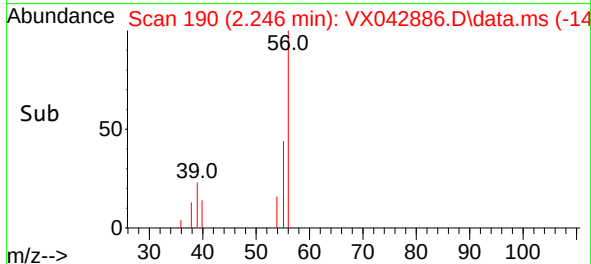
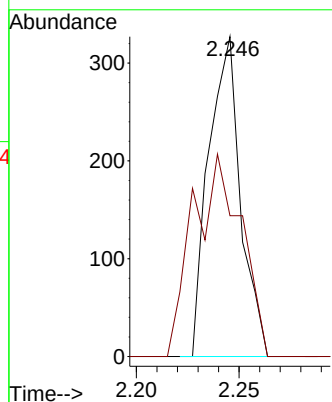
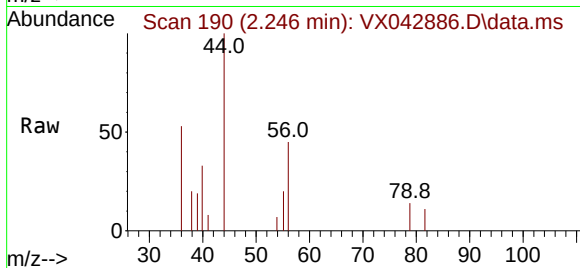
VX0807WBL01

Tgt Ion: 56 Resp: 352

Ion Ratio Lower Upper

56 100

55 95.7 57.1 85.7#



#16

Acetone

Concen: 1.290 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042886.D

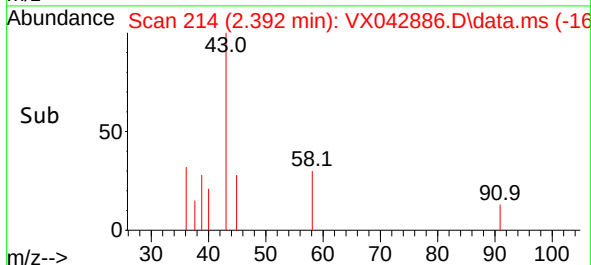
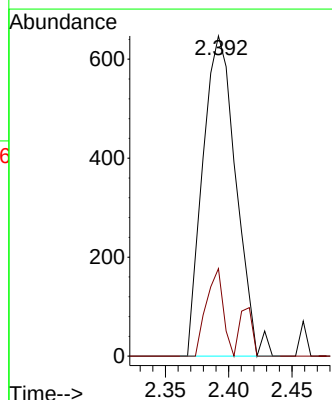
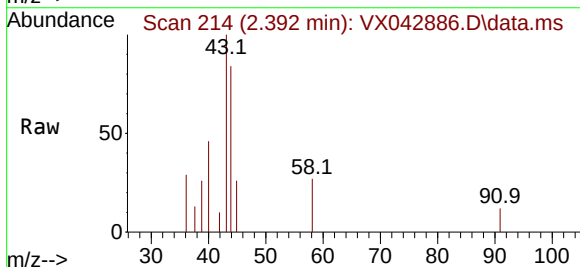
Acq: 06 Aug 2024 23:22

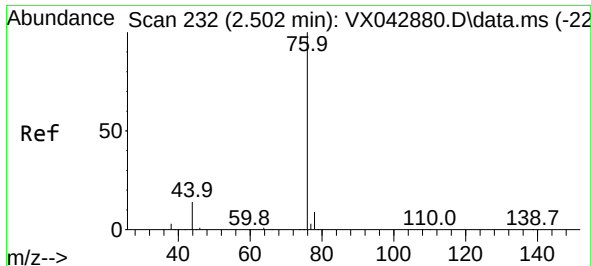
Tgt Ion: 43 Resp: 1179

Ion Ratio Lower Upper

43 100

58 27.4 21.9 32.9

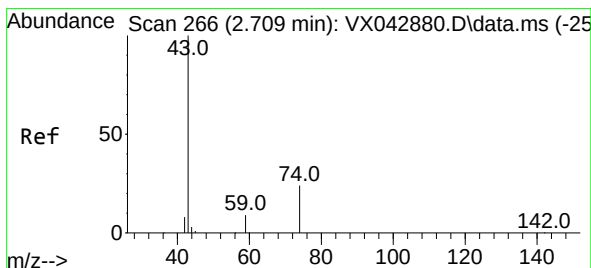
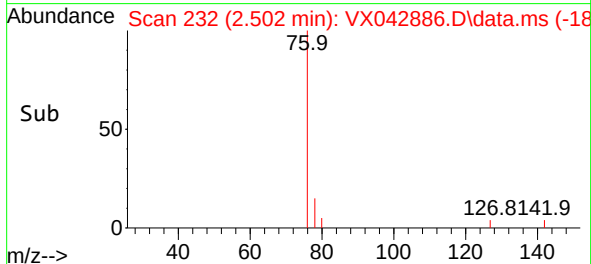
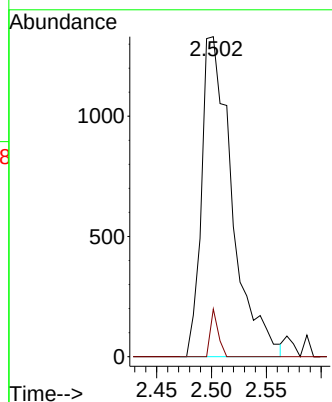
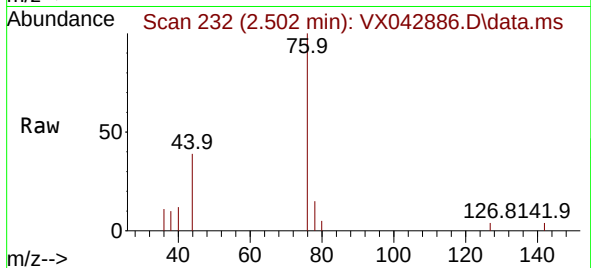




#17
Carbon Disulfide
Concen: 0.627 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

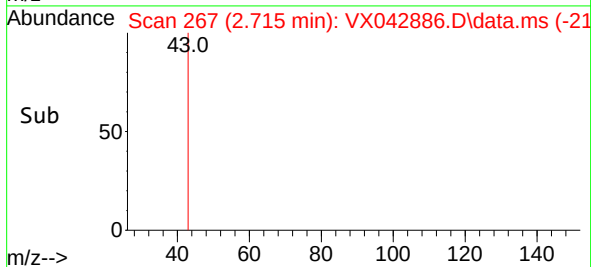
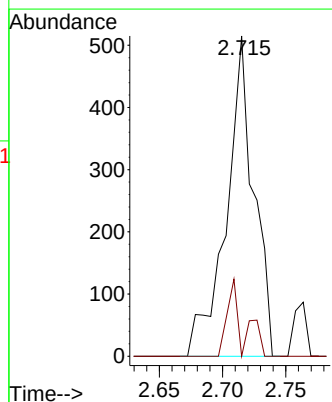
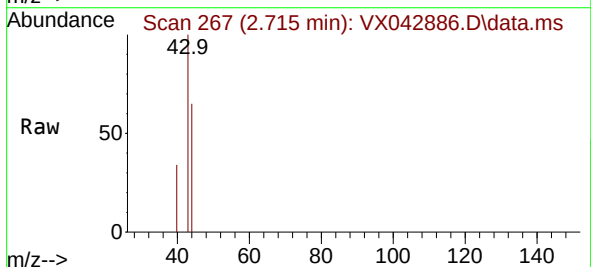
Instrument :
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VX0807WBL01

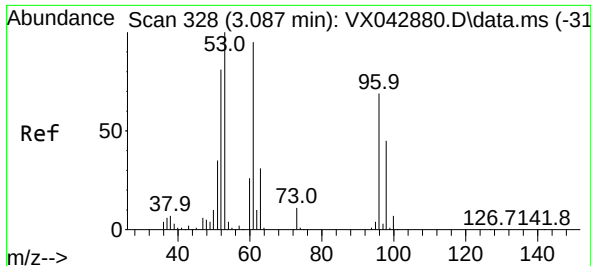
Tgt Ion: 76 Resp: 2582
Ion Ratio Lower Upper
76 100
78 14.9 7.0 10.6#



#18
Methyl Acetate
Concen: 0.268 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

Tgt Ion: 43 Resp: 777
Ion Ratio Lower Upper
43 100
74 14.2 17.8 26.8#

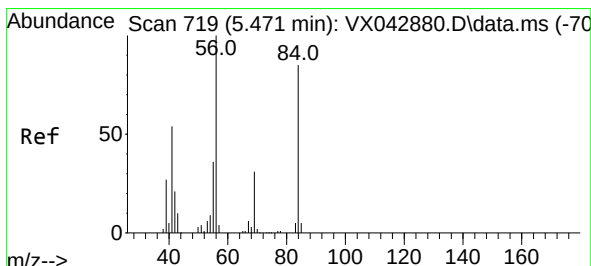
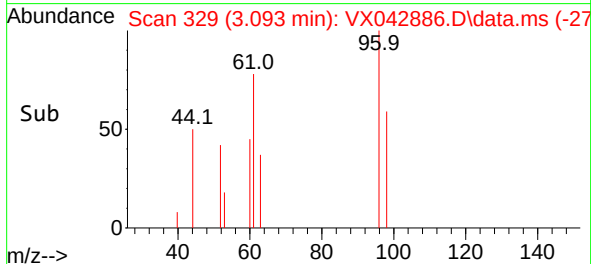
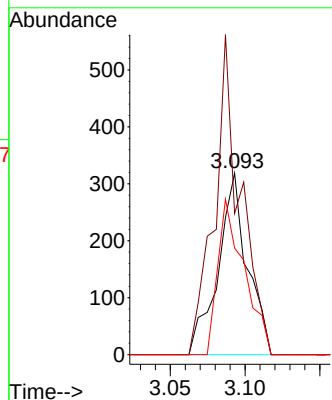
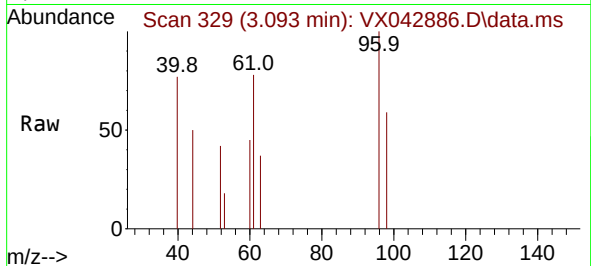




#21
trans-1,2-Dichloroethene
Concen: 0.255 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

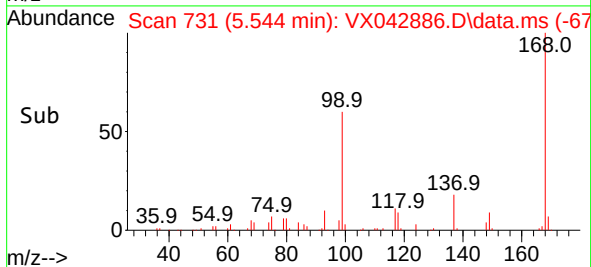
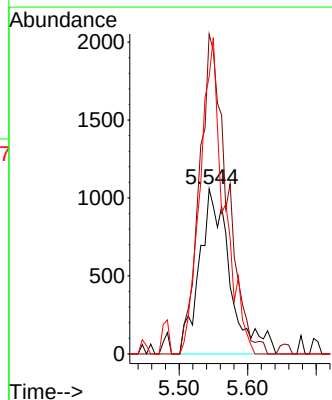
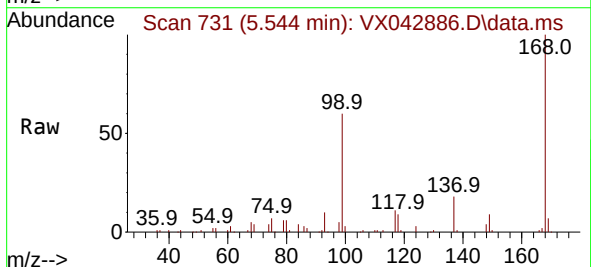
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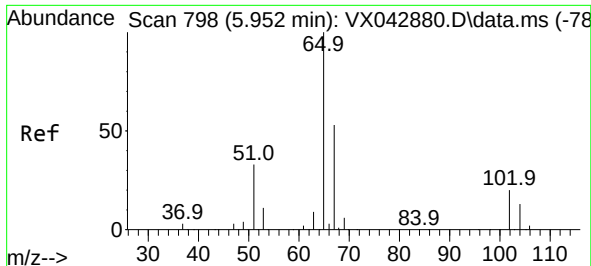
Tgt Ion: 96 Resp: 434
Ion Ratio Lower Upper
96 100
61 77.7 119.2 178.8#
98 58.6 48.7 73.1



#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

Tgt Ion: 56 Resp: 3278
Ion Ratio Lower Upper
56 100
69 193.8 23.4 35.2#
84 167.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 57.024 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042886.D

Acq: 06 Aug 2024 23:22

Instrument :

MSVOA_X

ClientSampleId :

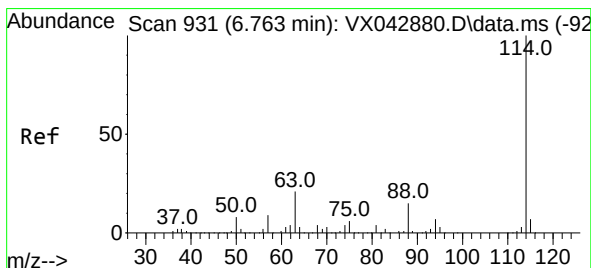
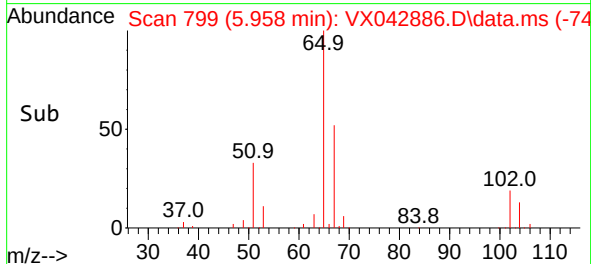
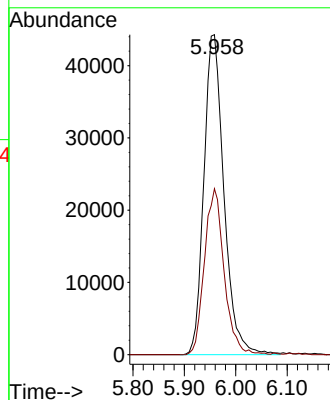
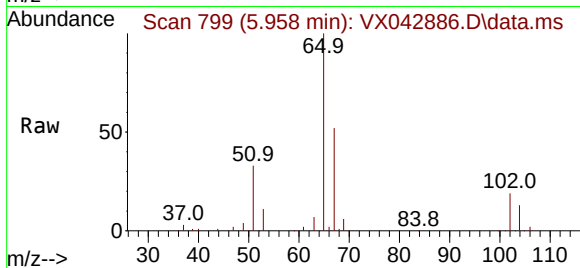
VX0807WBL01

Tgt Ion: 65 Resp: 120183

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042886.D

Acq: 06 Aug 2024 23:22

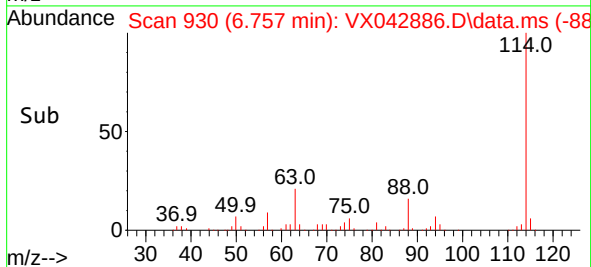
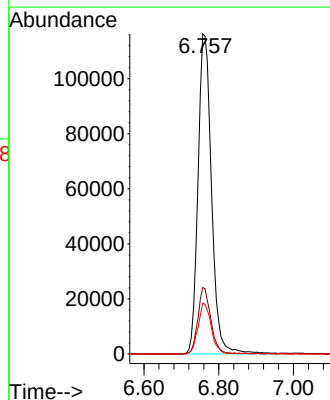
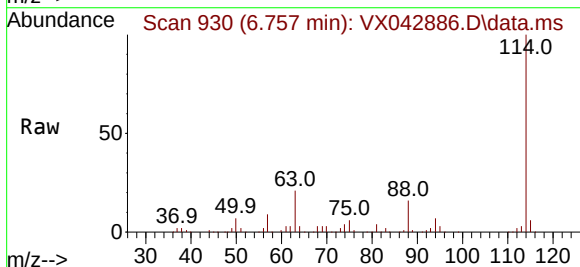
Tgt Ion: 114 Resp: 292200

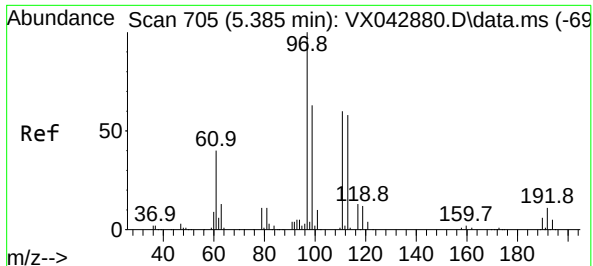
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 54.095 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX042886.D

Acq: 06 Aug 2024 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBL01

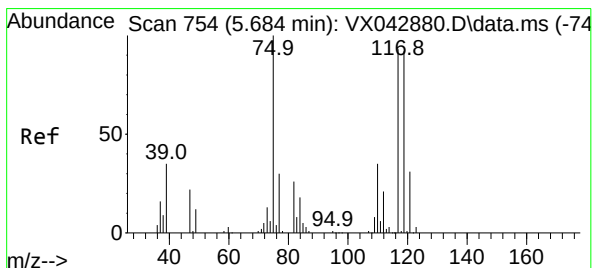
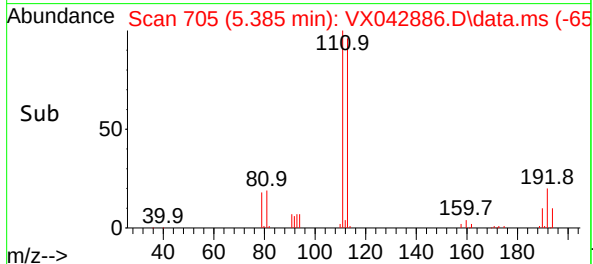
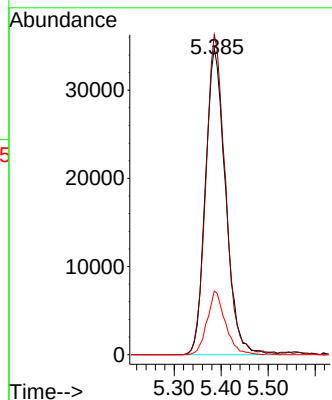
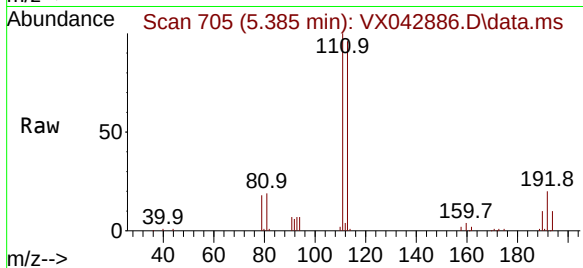
Tgt Ion:113 Resp: 103350

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

192 18.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 0.229 ug/l

RT: 5.721 min Scan# 760

Delta R.T. 0.037 min

Lab File: VX042886.D

Acq: 06 Aug 2024 23:22

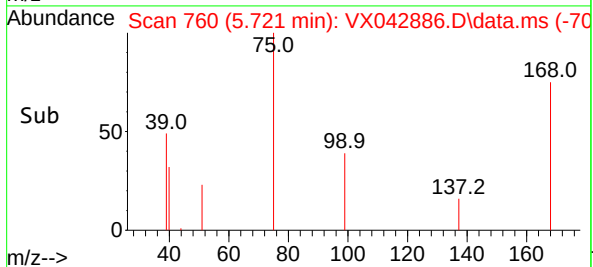
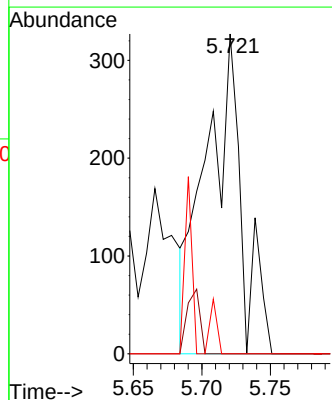
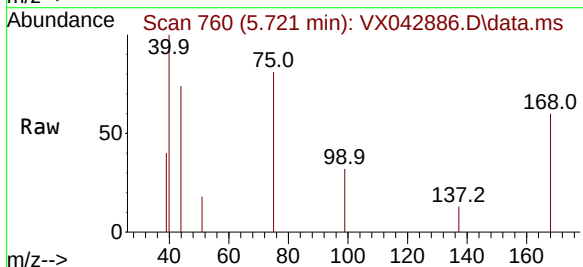
Tgt Ion: 75 Resp: 593

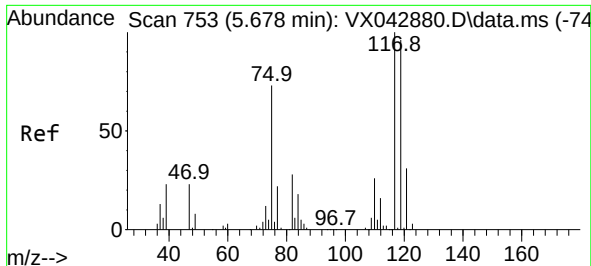
Ion Ratio Lower Upper

75 100

110 0.0 17.0 50.9#

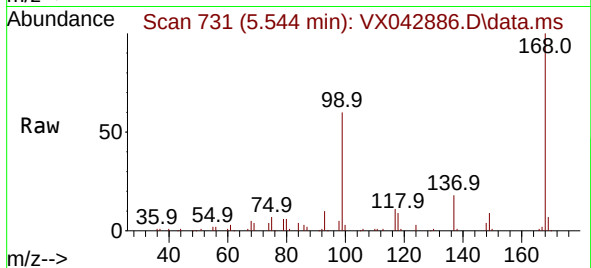
77 3.4 24.7 37.1#



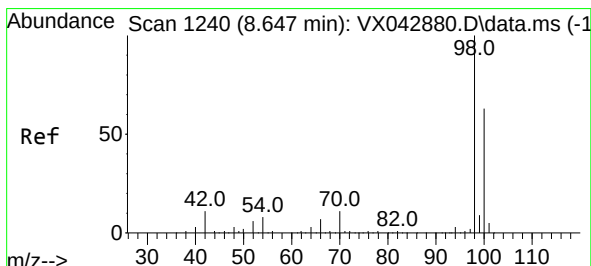
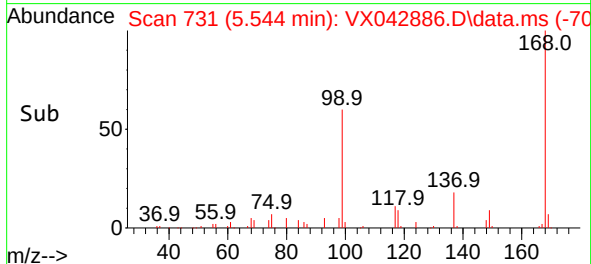
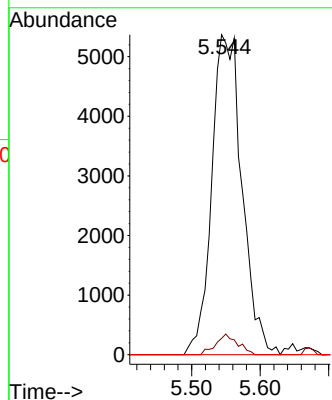


#38
Carbon Tetrachloride
Concen: 5.622 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

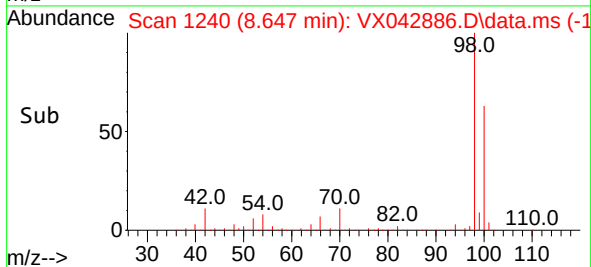
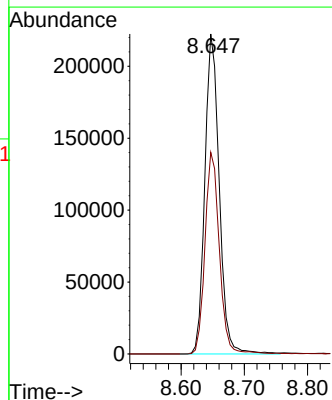
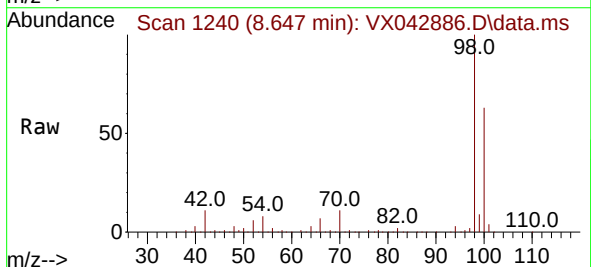


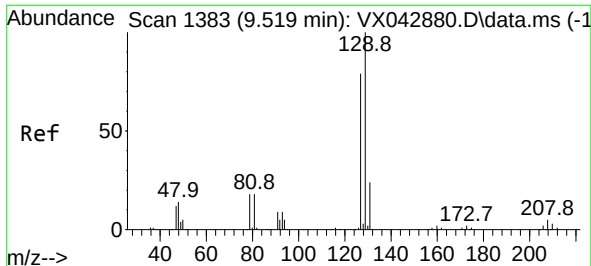
Tgt Ion:117 Resp: 16438
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.964 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

Tgt Ion: 98 Resp: 352449
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7

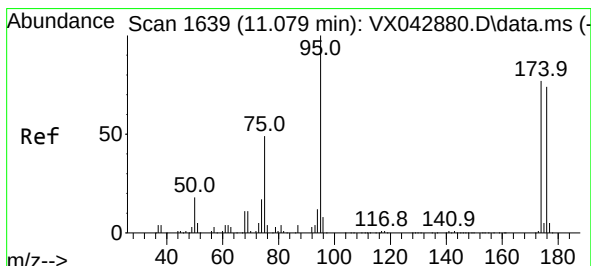
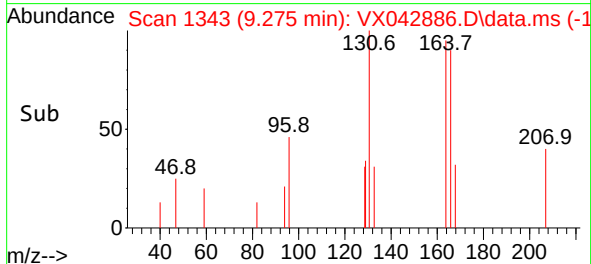
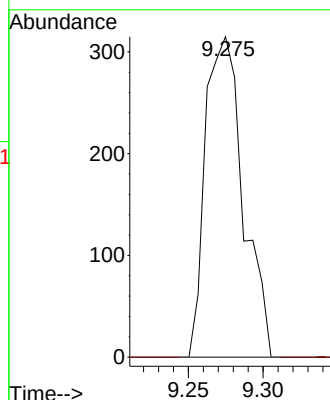
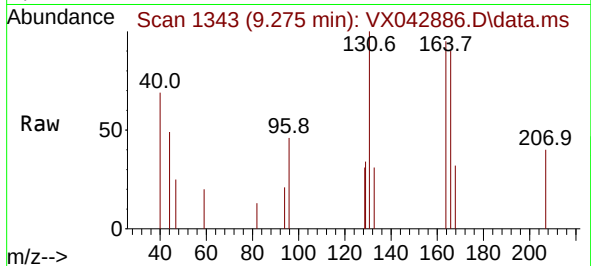




#60
Dibromochloromethane
Concen: 0.254 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

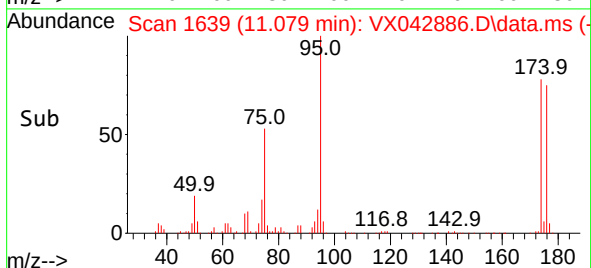
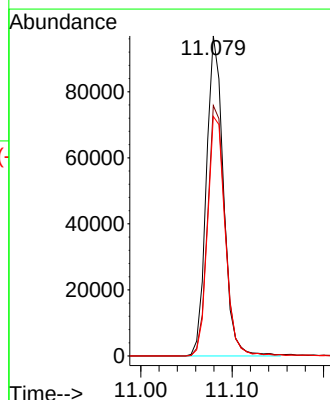
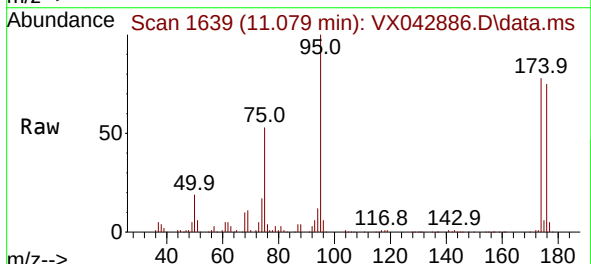
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

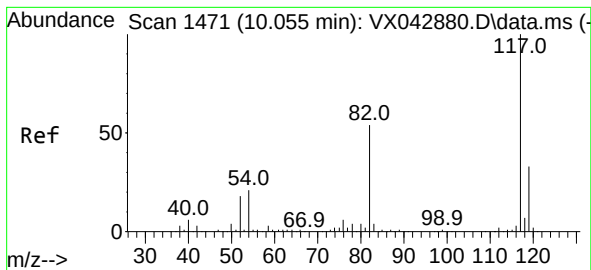
Tgt Ion:129 Resp: 553
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 51.711 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

Tgt Ion: 95 Resp: 126034
Ion Ratio Lower Upper
95 100
174 81.0 0.0 135.6
176 77.2 0.0 131.0

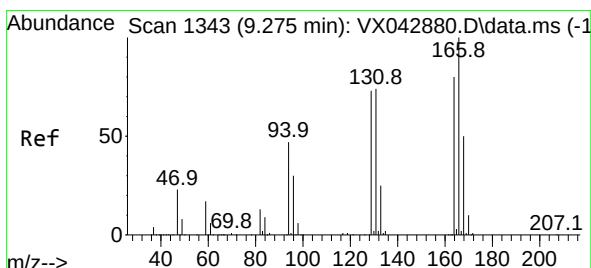
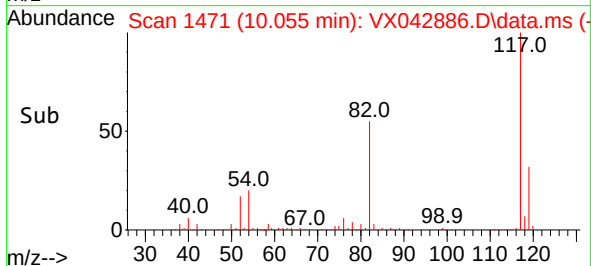
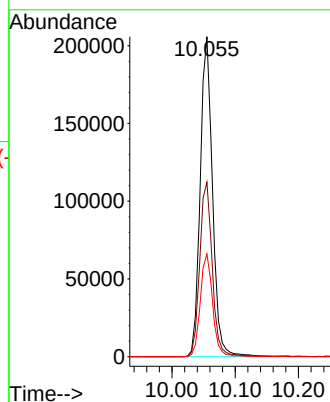
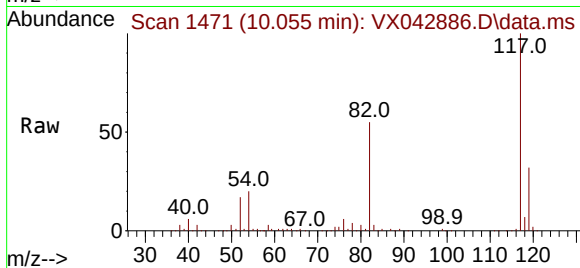




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

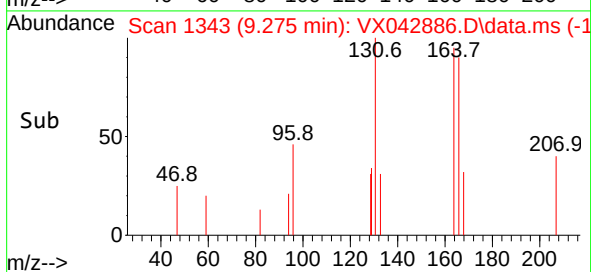
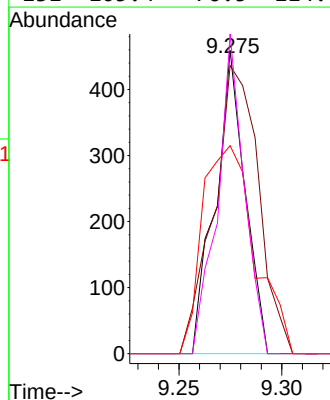
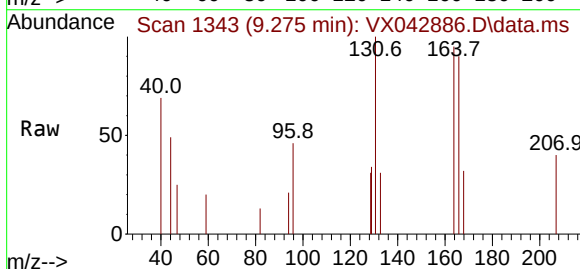
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

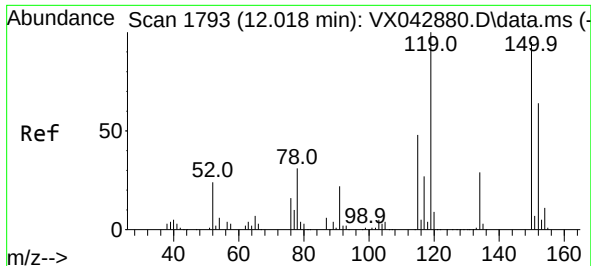
Tgt Ion:117 Resp: 279299
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 0.238 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

Tgt Ion:164 Resp: 463
Ion Ratio Lower Upper
164 100
166 95.0 102.7 154.1#
129 68.6 80.4 120.6#
131 105.4 76.5 114.7

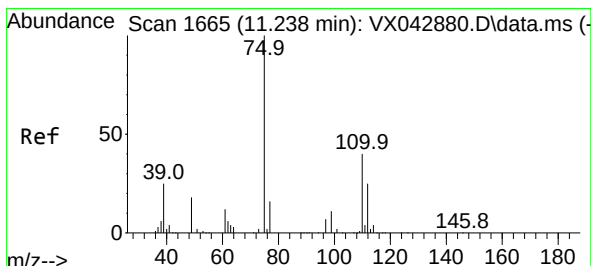
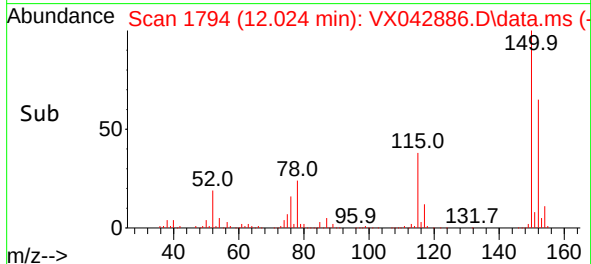
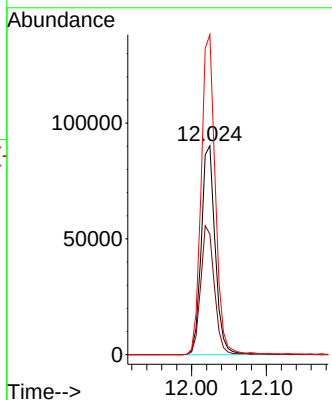
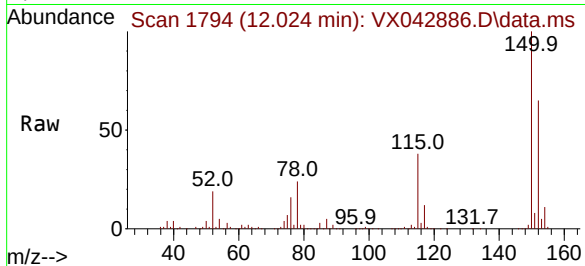




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX042886.D
 Acq: 06 Aug 2024 23:22

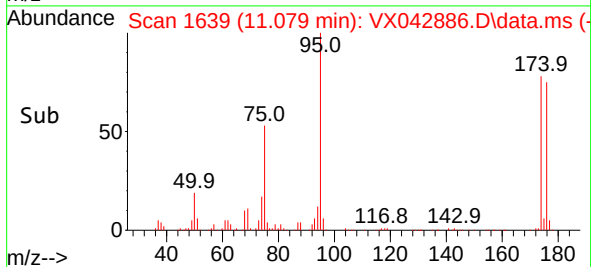
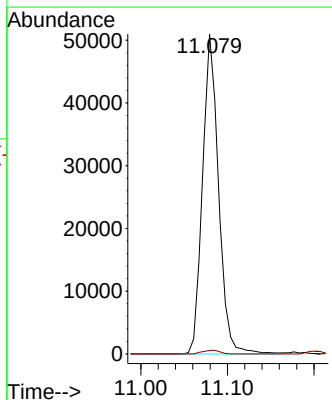
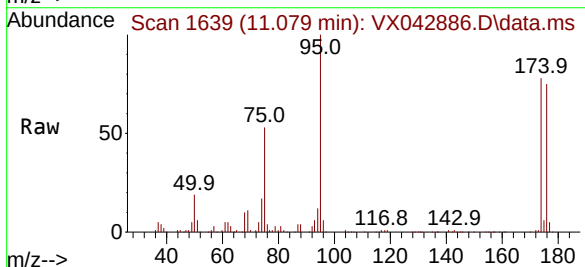
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBL01

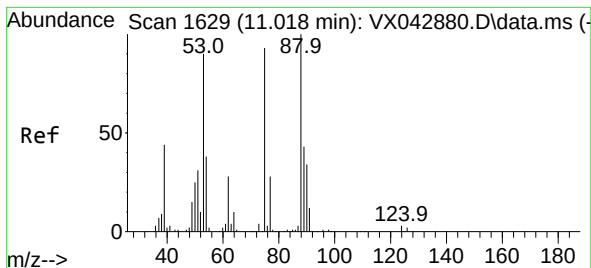
Tgt Ion:152 Resp: 116955
 Ion Ratio Lower Upper
 152 100
 115 60.8 43.3 129.9
 150 155.4 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.953 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX042886.D
 Acq: 06 Aug 2024 23:22

Tgt Ion: 75 Resp: 65633
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

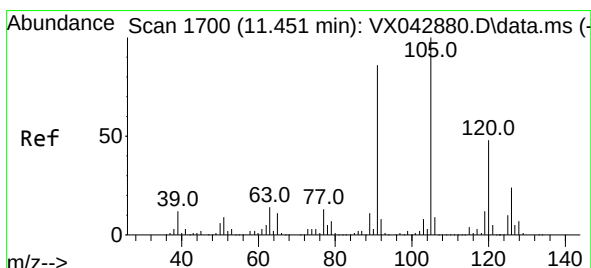
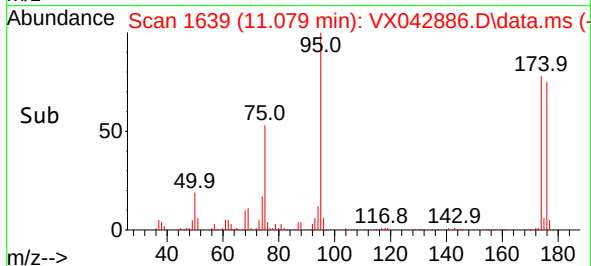
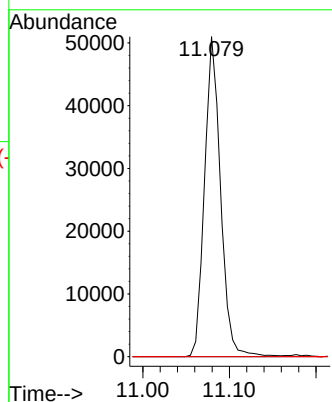
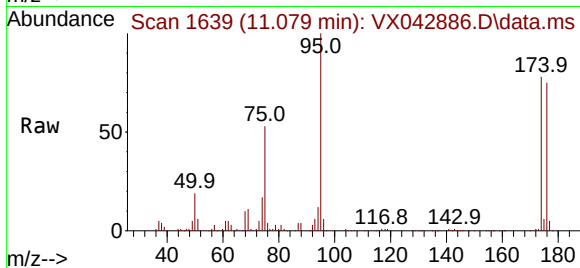




#81
trans-1,4-Dichloro-2-butene
Concen: 81.135 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

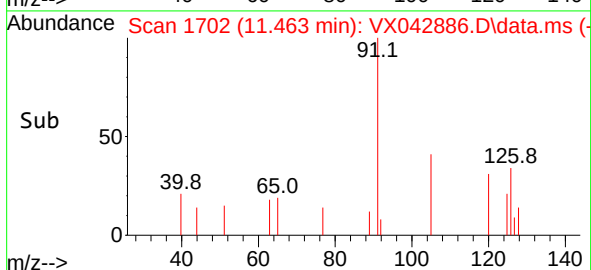
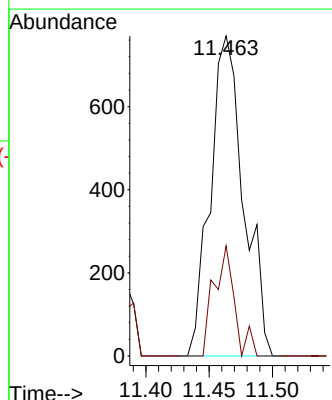
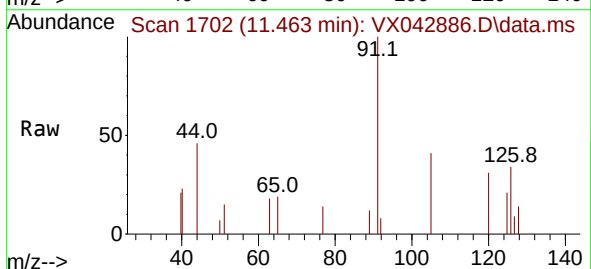
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

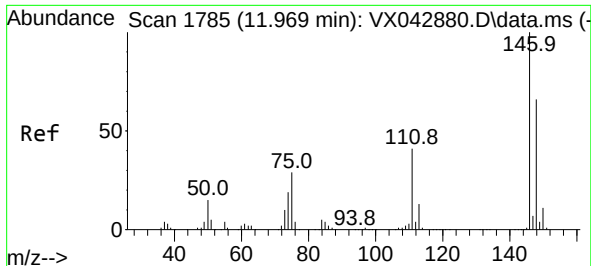
Tgt Ion: 75 Resp: 65633
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.209 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

Tgt Ion: 91 Resp: 1417
Ion Ratio Lower Upper
91 100
126 21.2 14.2 42.6





#87

1,3-Dichlorobenzene

Concen: 0.253 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX042886.D

Acq: 06 Aug 2024 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBL01

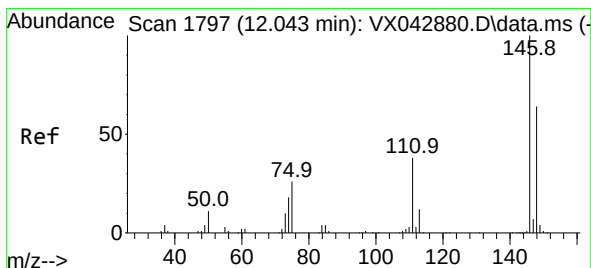
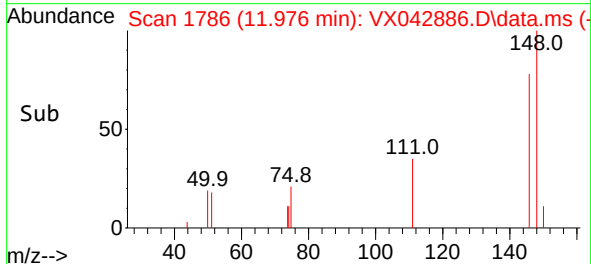
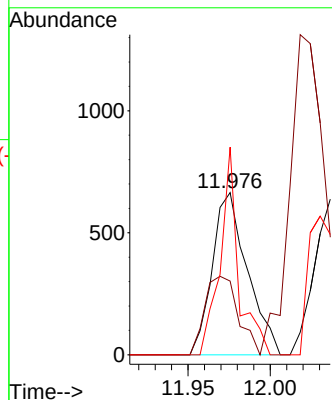
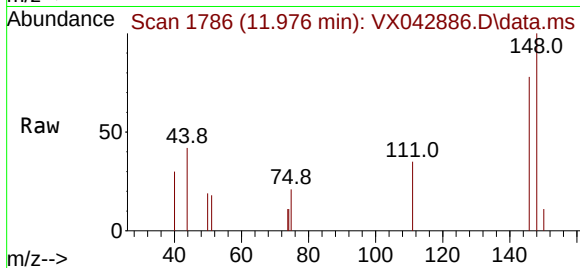
Tgt Ion:146 Resp: 985

Ion Ratio Lower Upper

146 100

111 46.2 22.1 66.1

148 67.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.247 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX042886.D

Acq: 06 Aug 2024 23:22

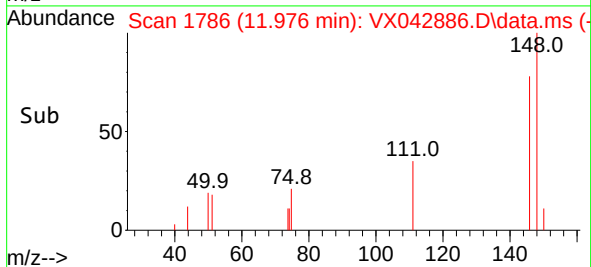
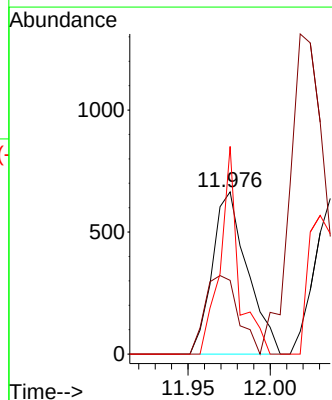
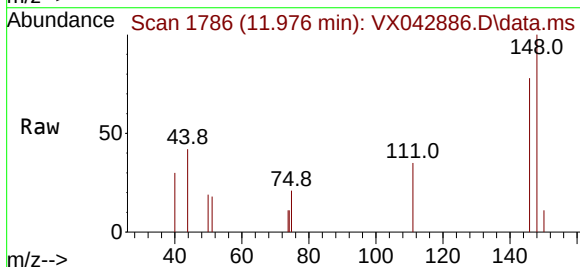
Tgt Ion:146 Resp: 985

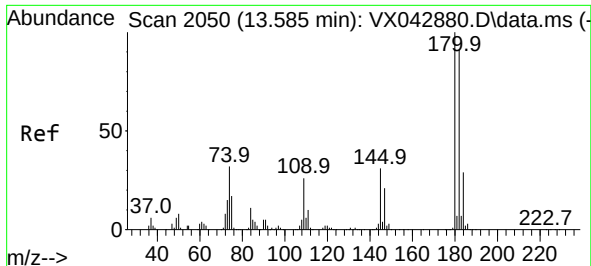
Ion Ratio Lower Upper

146 100

111 46.2 21.3 63.7

148 67.0 31.8 95.4

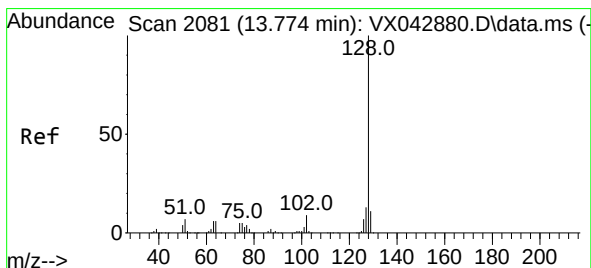
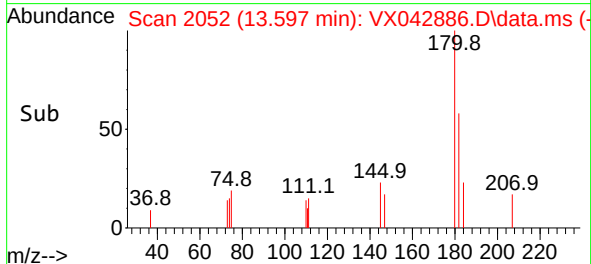
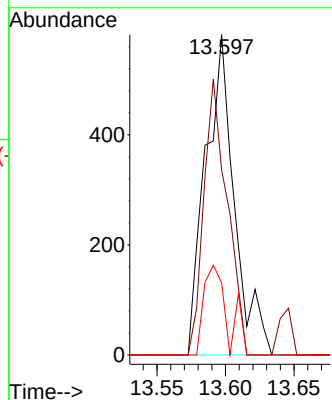
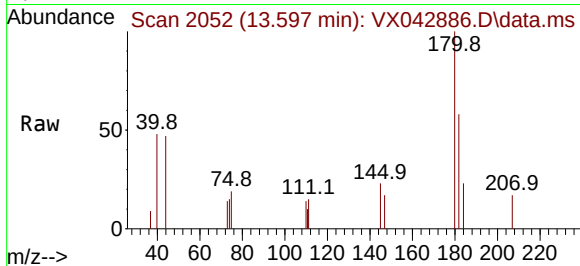




#93
1,2,4-Trichlorobenzene
Concen: 0.359 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

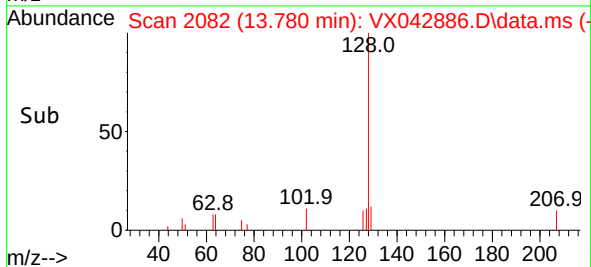
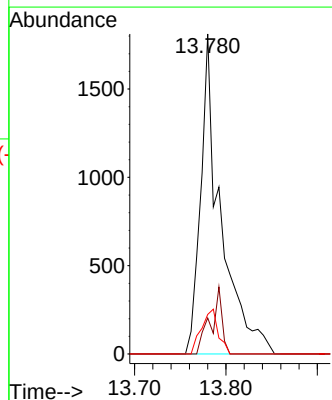
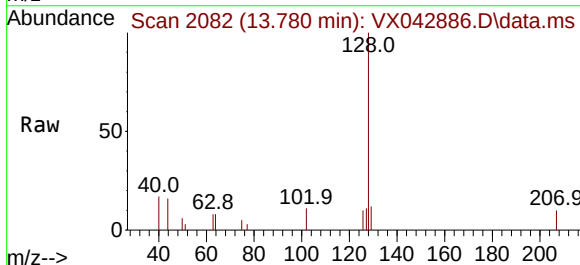
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

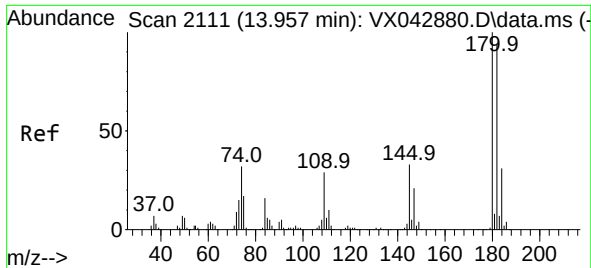
Tgt Ion:180 Resp: 853
Ion Ratio Lower Upper
180 100
182 69.8 48.3 144.8
145 23.0 18.0 54.0



#95
Naphthalene
Concen: 0.334 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042886.D
Acq: 06 Aug 2024 23:22

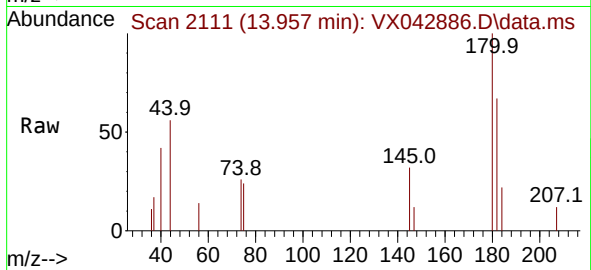
Tgt Ion:128 Resp: 2746
Ion Ratio Lower Upper
128 100
127 11.9 10.3 15.5
129 11.8 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.349 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX042886.D
 Acq: 06 Aug 2024 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBL01



Tgt Ion:	180	Resp:	836
Ion	Ratio	Lower	Upper
180	100		
182	87.2	46.9	140.6
145	23.6	17.8	53.5

