

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102624\
 Data File : VX043542.D
 Acq On : 26 Oct 2024 02:07
 Operator : JC/MD
 Sample : VX1025MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 05:56:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102624W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 26 04:43:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	96468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	187834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70778	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87549	57.211	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.420%
35) Dibromofluoromethane	5.385	113	61119	48.867	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.740%
50) Toluene-d8	8.647	98	209348	48.273	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.540%
62) 4-Bromofluorobenzene	11.079	95	75250	47.506	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.020%

Target Compounds						Qvalue
3) Chloromethane	1.294	50	557	0.406	ug/l #	42
4) Vinyl Chloride	1.386	62	278	0.222	ug/l #	43
5) Bromomethane	1.599	94	460	0.942	ug/l	91
7) Trichlorofluoromethane	1.861	101	418	0.255	ug/l #	71
9) 1,1,2-Trichlorotrifluo...	2.313	101	306	0.296	ug/l #	94
10) Methyl Iodide	2.447	142	794	0.554	ug/l #	95
11) Tert butyl alcohol	2.947	59	3157	9.659	ug/l #	100
12) 1,1-Dichloroethene	2.313	96	343	0.337	ug/l #	60
13) Acrolein	2.233	56	327	1.270	ug/l #	59
15) Acrylonitrile	3.081	53	654	0.903	ug/l #	91
16) Acetone	2.398	43	963	1.474	ug/l #	62
17) Carbon Disulfide	2.502	76	1546	0.734	ug/l #	95
18) Methyl Acetate	2.709	43	817	0.416	ug/l #	51
20) Methylene Chloride	2.788	84	477	0.374	ug/l #	64
21) trans-1,2-Dichloroethene	3.093	96	582	0.528	ug/l	87
23) Vinyl Acetate	3.745	43	1156	0.375	ug/l #	71
25) 2-Butanone	4.629	43	327	0.330	ug/l #	49
29) Tetrahydrofuran	5.056	42	234	0.361	ug/l #	54
36) 1,1-Dichloropropene	5.702	75	837	0.565	ug/l #	57
38) Carbon Tetrachloride	5.666	117	490	0.291	ug/l #	50
39) Methylcyclohexane	7.373	83	673	0.355	ug/l #	84
40) Benzene	6.044	78	1045	0.211	ug/l #	77
44) Trichloroethene	7.135	130	452	0.385	ug/l	92
46) Dibromomethane	7.592	93	240	0.259	ug/l #	72
49) 1,4-Dioxane	7.751	88	83	2.165	ug/l #	38
51) 4-Methyl-2-Pentanone	8.586	43	515	0.254	ug/l #	75
52) Toluene	8.720	92	786	0.258	ug/l	77
53) t-1,3-Dichloropropene	9.000	75	409	0.245	ug/l #	82
58) 2-Chloroethyl Vinyl ether	8.281	63	543	0.531	ug/l #	65
59) 2-Hexanone	9.464	43	414	0.270	ug/l	80
61) 1,2-Dibromoethane	9.616	107	333	0.257	ug/l	93
64) Tetrachloroethene	9.281	164	484	0.467	ug/l #	82
65) Chlorobenzene	10.073	112	1432	0.416	ug/l	99
67) Ethyl Benzene	10.201	91	2141	0.374	ug/l #	79
68) m/p-Xylenes	10.311	106	1589	0.732	ug/l	93
69) o-Xylene	10.646	106	605	0.271	ug/l	90

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 Quant Title : SW846 8260
 QLast Update : Sat Oct 26 04:43:47 2024
 Response via : Initial Calibration

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

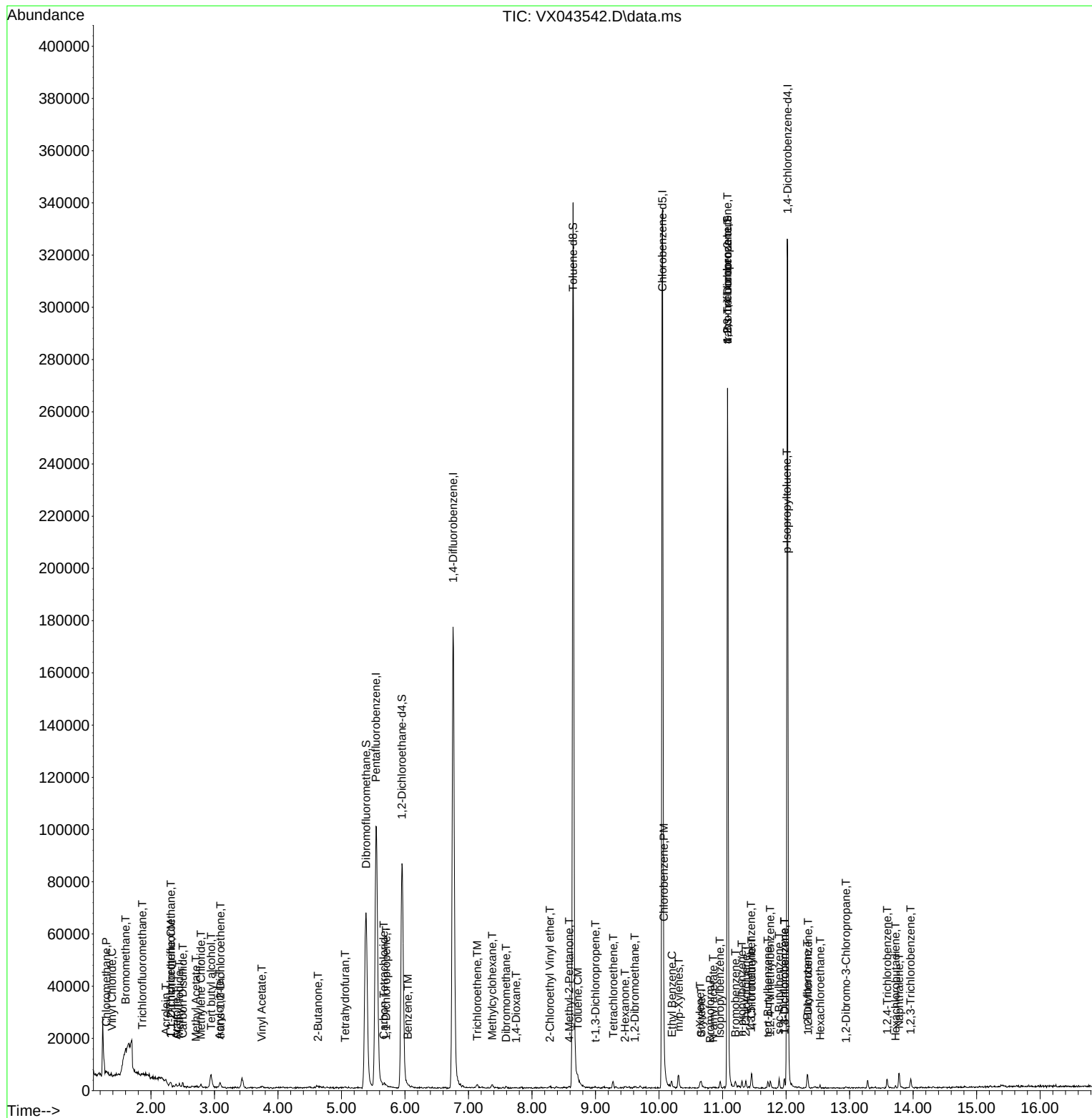
70) Styrene	10.665	104	1223	0.339	ug/l	98
71) Bromoform	10.805	173	180	3.923	ug/l #	30
73) Isopropylbenzene	10.957	105	1530	0.302	ug/l	83
74) N-amyl acetate	10.854	43	586	0.230	ug/l #	60
76) 1,2,3-Trichloropropane	11.079	75	38602	23.461	ug/l #	33
77) Bromobenzene	11.201	156	518	0.401	ug/l	89
78) n-propylbenzene	11.305	91	1968	0.365	ug/l	97
79) 2-Chlorotoluene	11.366	91	1338	0.370	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	1403	0.334	ug/l	73
81) trans-1,4-Dichloro-2-b...	11.079	75	38602	62.998	ug/l #	7
82) 4-Chlorotoluene	11.457	91	2303	0.575	ug/l	93
83) tert-Butylbenzene	11.713	119	1239	0.289	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	1475	0.343	ug/l	85
85) sec-Butylbenzene	11.890	105	2054	0.414	ug/l	93
86) p-Isopropyltoluene	12.012	119	1633	0.397	ug/l #	78
87) 1,3-Dichlorobenzene	11.975	146	1394	0.602	ug/l	94
88) 1,4-Dichlorobenzene	11.975	146	1394	0.597	ug/l	96
89) n-Butylbenzene	12.335	91	1494	0.448	ug/l	88
90) Hexachloroethane	12.536	117	134	0.202	ug/l #	57
91) 1,2-Dichlorobenzene	12.347	146	1068	0.447	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	12.945	75	153	0.371	ug/l	58
93) 1,2,4-Trichlorobenzene	13.591	180	1067	0.763	ug/l	95
94) Hexachlorobutadiene	13.725	225	164	0.331	ug/l #	60
95) Naphthalene	13.780	128	4772	0.831	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1132	0.773	ug/l	95

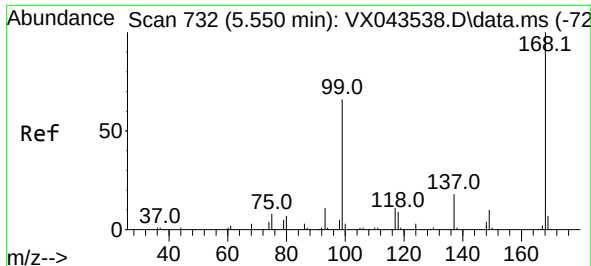
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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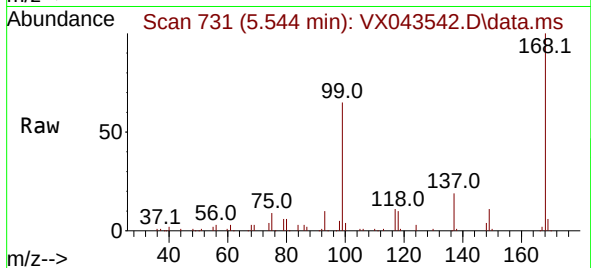
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102624W.M
Quant Title : SW846 8260
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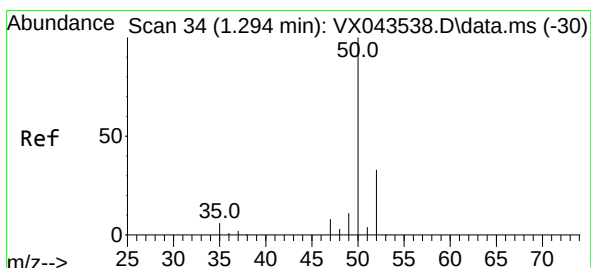
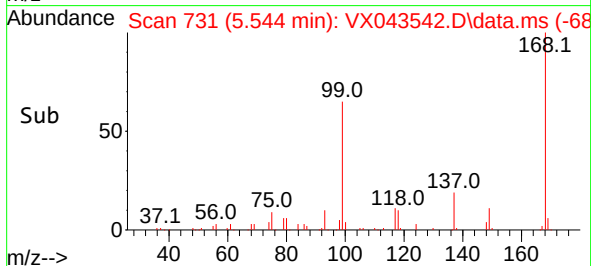
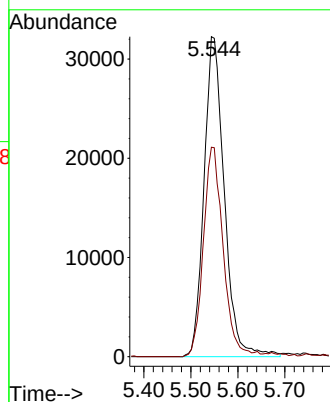


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Instrument :
MSVOA_X
ClientSampleId :

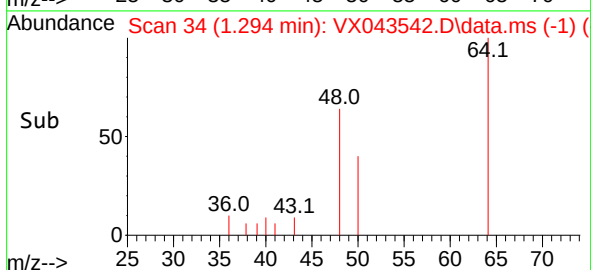
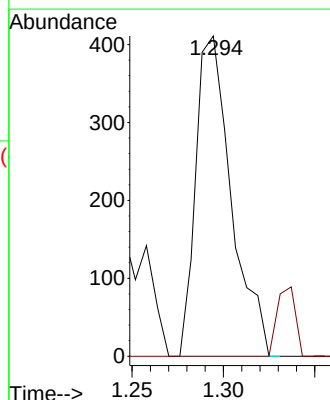
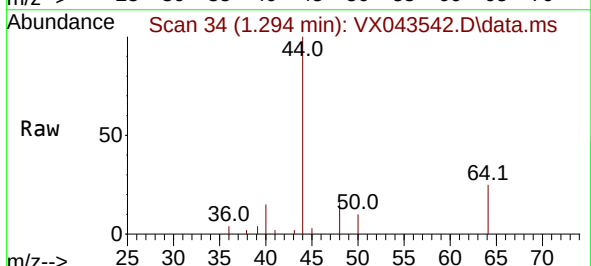


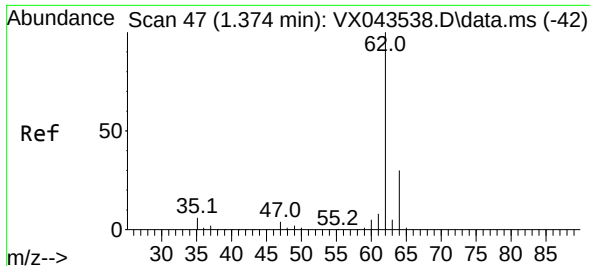
Tgt Ion:168 Resp: 96468
Ion Ratio Lower Upper
168 100
99 65.5 52.6 78.8



#3
Chloromethane
Concen: 0.406 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Tgt Ion: 50 Resp: 557
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

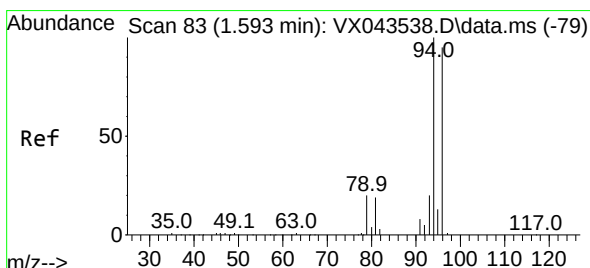
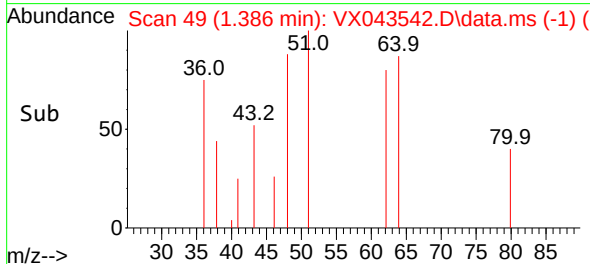
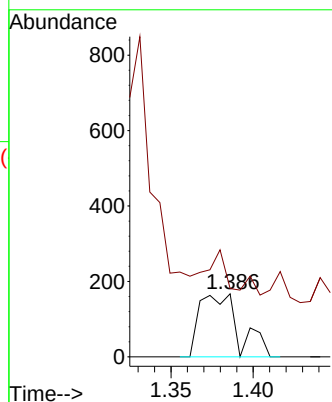
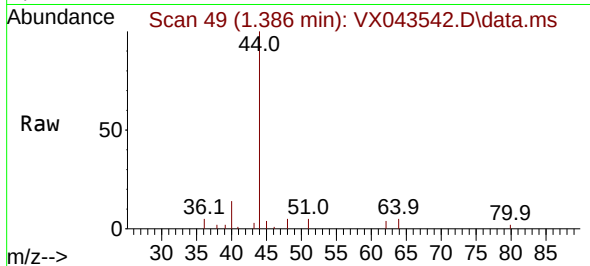




#4
 Vinyl Chloride
 Concen: 0.222 ug/l
 RT: 1.386 min Scan# 49
 Delta R.T. 0.012 min
 Lab File: VX043542.D
 Acq: 26 Oct 2024 02:07

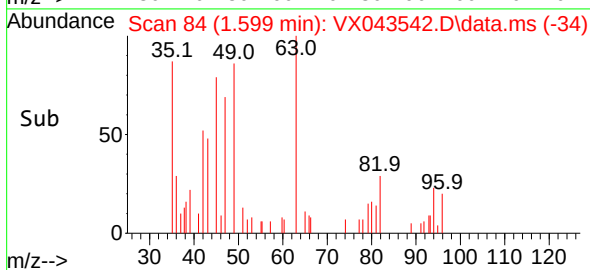
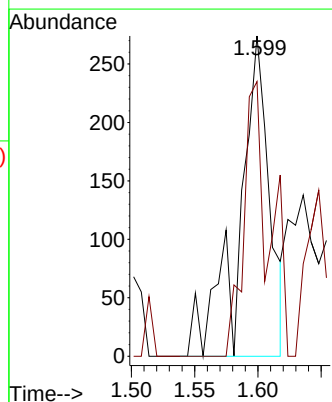
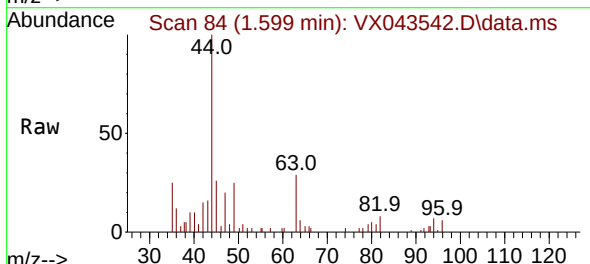
Instrument :
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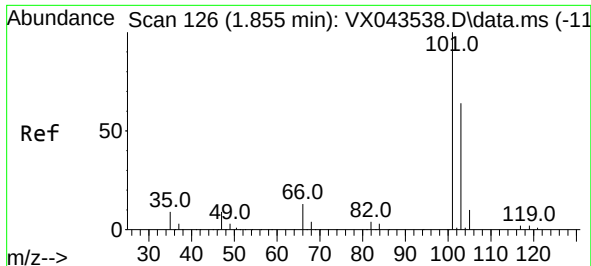
Tgt Ion: 62 Resp: 278
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.4#



#5
 Bromomethane
 Concen: 0.942 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VX043542.D
 Acq: 26 Oct 2024 02:07

Tgt Ion: 94 Resp: 460
 Ion Ratio Lower Upper
 94 100
 96 85.8 75.9 113.9

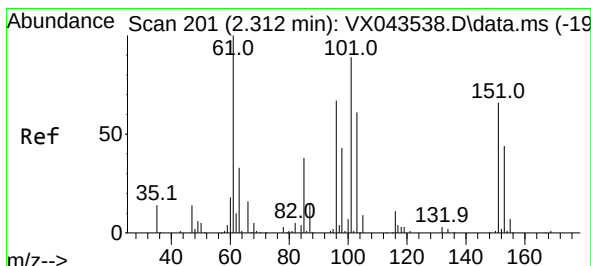
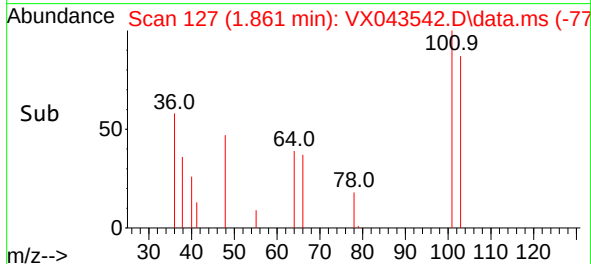
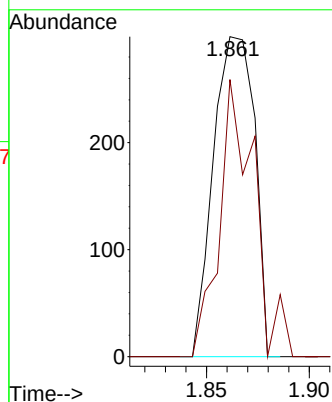
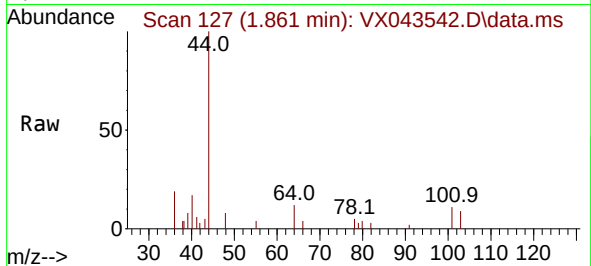




#7
 Trichlorofluoromethane
 Concen: 0.255 ug/l
 RT: 1.861 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX043542.D
 Acq: 26 Oct 2024 02:07

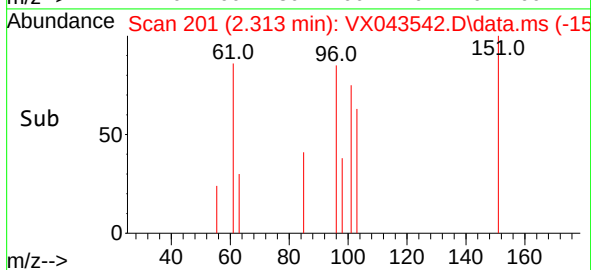
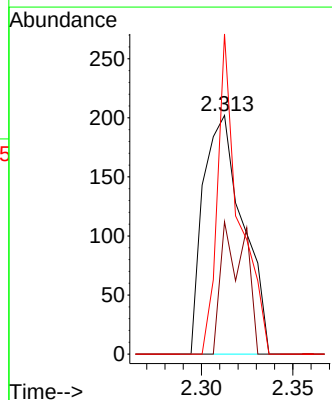
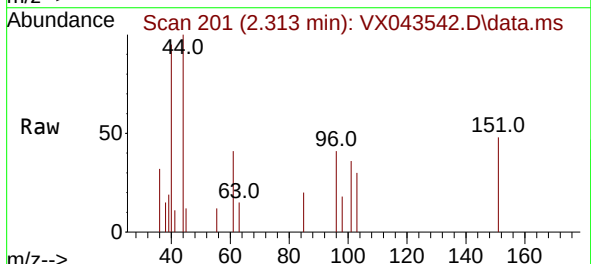
Instrument :
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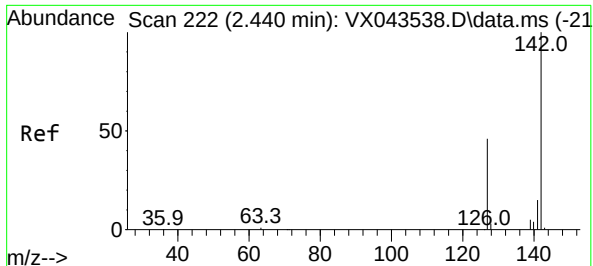
Tgt Ion:101 Resp: 418
 Ion Ratio Lower Upper
 101 100
 103 86.6 51.3 76.9#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.296 ug/l
 RT: 2.313 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VX043542.D
 Acq: 26 Oct 2024 02:07

Tgt Ion:101 Resp: 306
 Ion Ratio Lower Upper
 101 100
 85 33.7 34.5 51.7#
 151 72.9 58.2 87.2





#10

Methyl Iodide

Concen: 0.554 ug/l

RT: 2.447 min Scan# 21

Delta R.T. 0.006 min

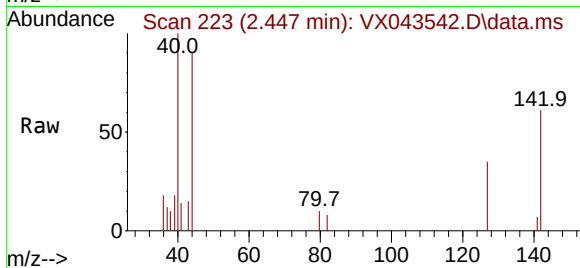
Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

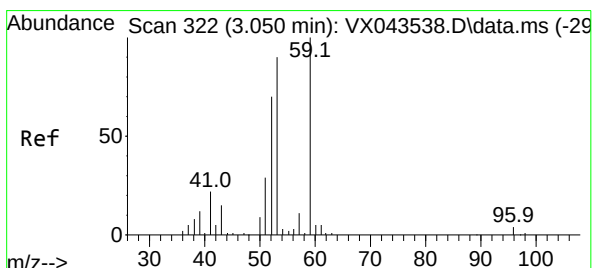
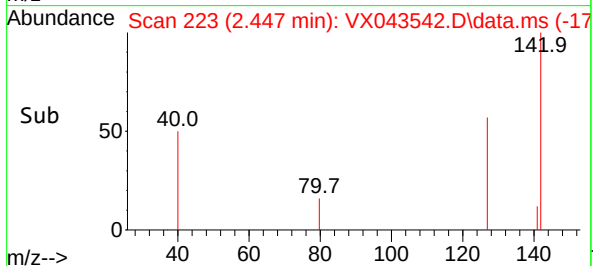
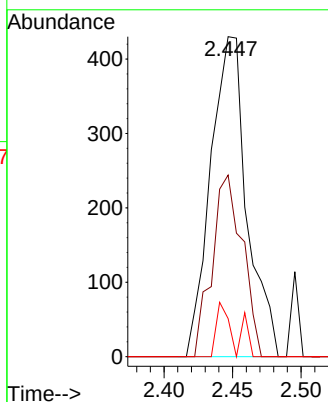
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	142	Resp:	794
Ion	Ratio	Lower	Upper
142	100		
127	47.4	38.2	57.4
141	5.7	11.5	17.3



#11

Tert butyl alcohol

Concen: 9.659 ug/l

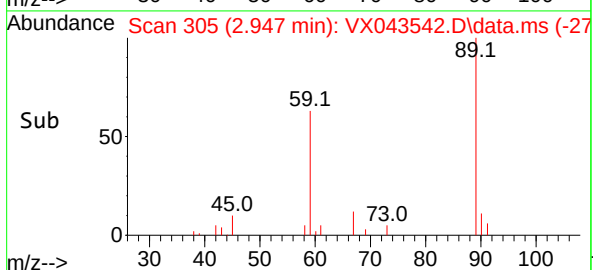
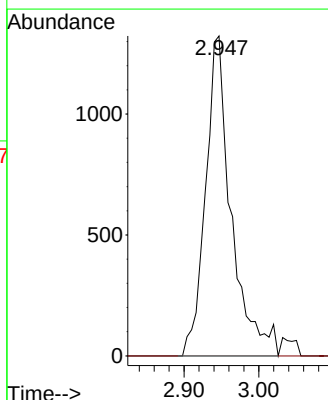
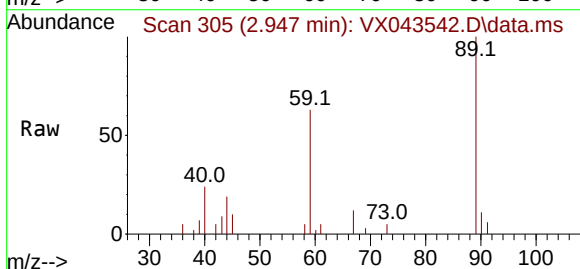
RT: 2.947 min Scan# 305

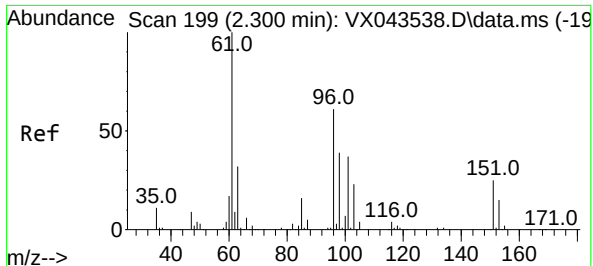
Delta R.T. -0.103 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Tgt Ion:	59	Resp:	3157
Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.0	0.0





#12

1,1-Dichloroethene

Concen: 0.337 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.012 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Instrument :

MSVOA_X

ClientSampleId :

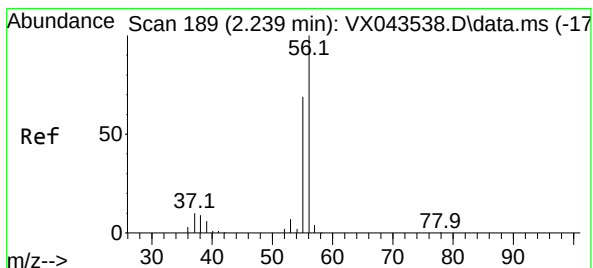
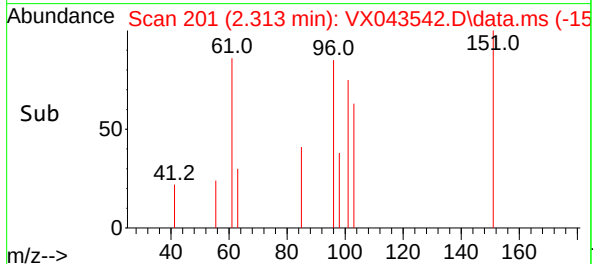
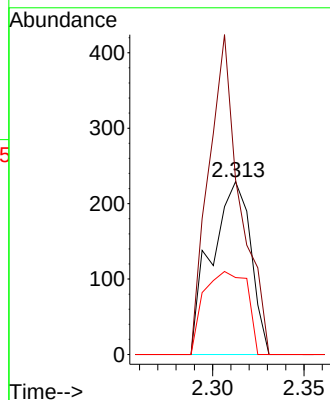
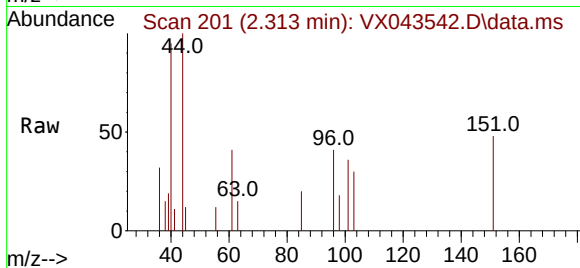
Tgt Ion: 96 Resp: 343

Ion Ratio Lower Upper

96 100

61 101.3 130.2 195.4#

98 44.5 51.0 76.6#



#13

Acrolein

Concen: 1.270 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX043542.D

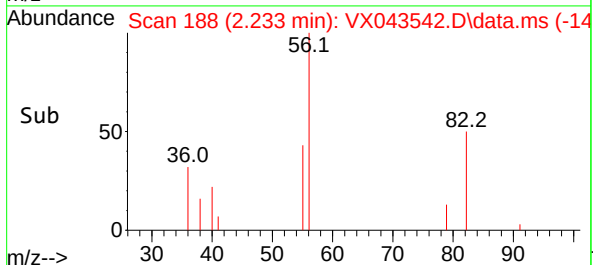
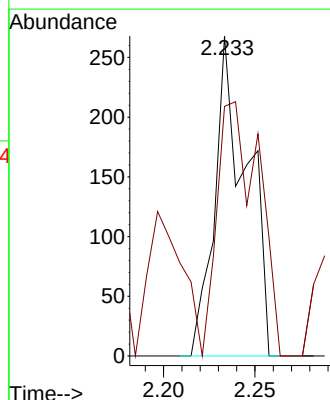
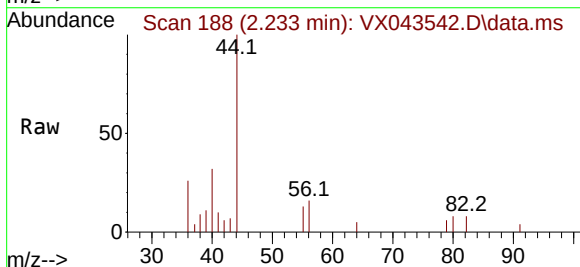
Acq: 26 Oct 2024 02:07

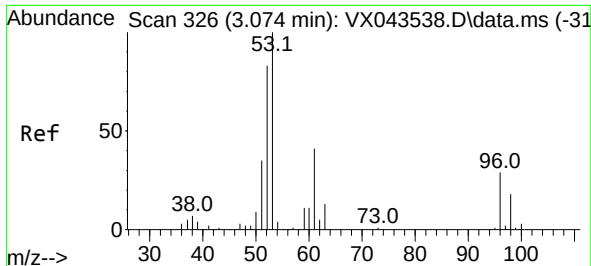
Tgt Ion: 56 Resp: 327

Ion Ratio Lower Upper

56 100

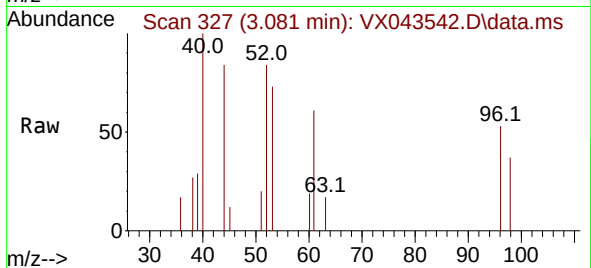
55 102.4 55.3 82.9#



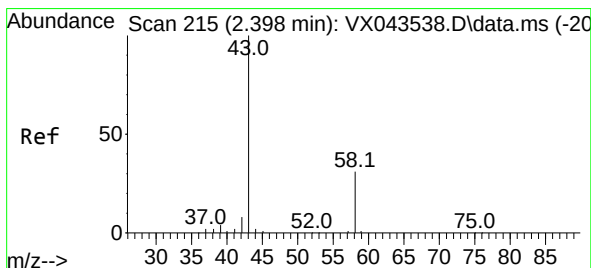
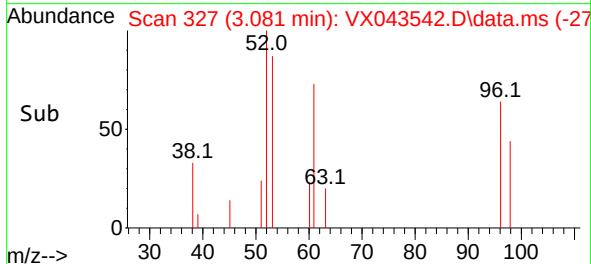
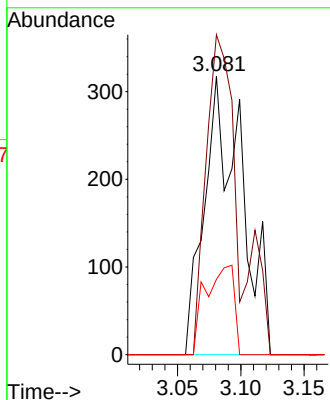


#15
Acrylonitrile
Concen: 0.903 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Instrument :
MSVOA_X
ClientSampleId :

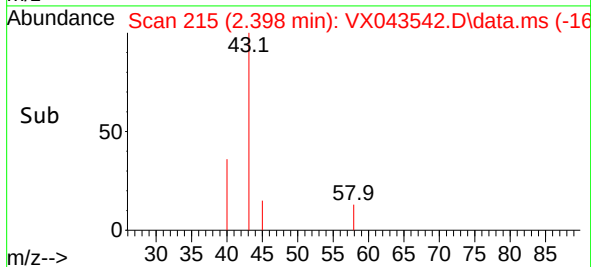
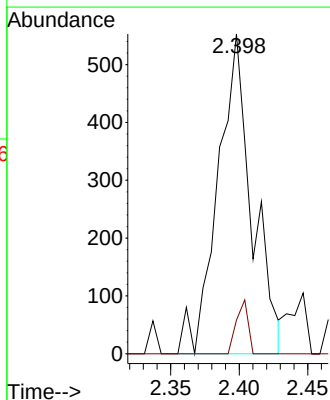
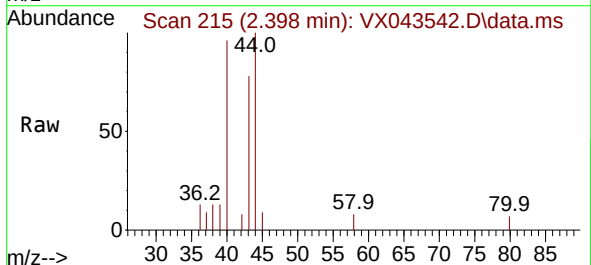


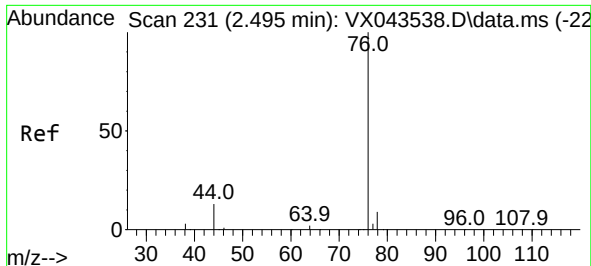
Tgt Ion: 53 Resp: 654
Ion Ratio Lower Upper
53 100
52 86.1 65.8 98.6
51 24.3 28.5 42.7#



#16
Acetone
Concen: 1.474 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
58 10.5 25.1 37.7#





#17

Carbon Disulfide

Concen: 0.734 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Instrument :

MSVOA_X

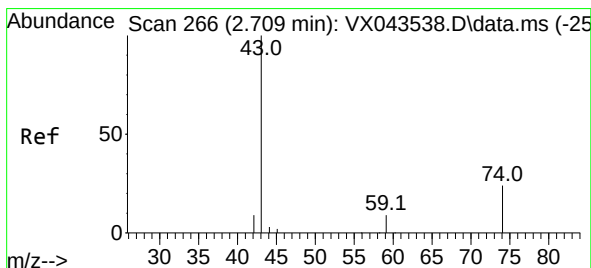
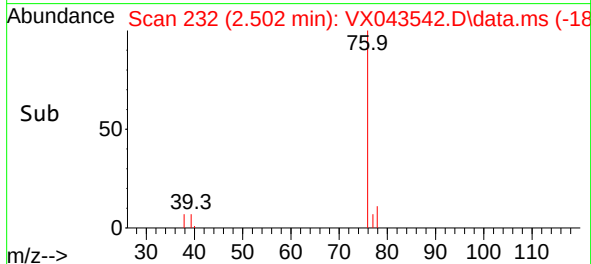
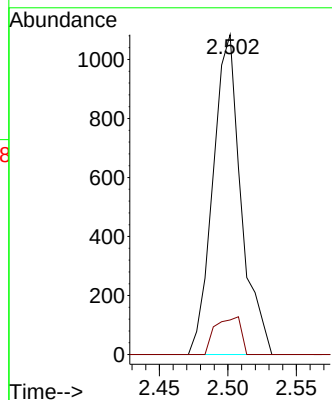
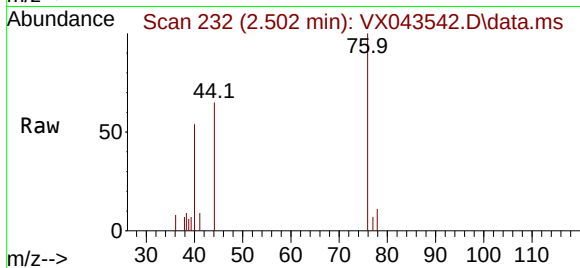
ClientSampleId :

Tgt Ion: 76 Resp: 1546

Ion Ratio Lower Upper

76 100

78 10.8 7.1 10.7#



#18

Methyl Acetate

Concen: 0.416 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX043542.D

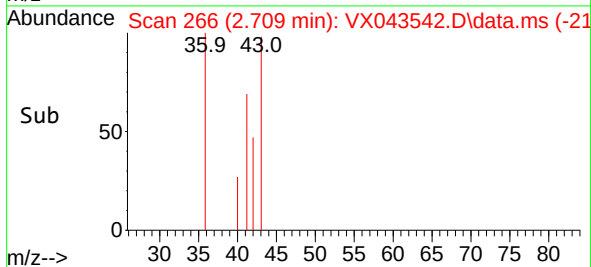
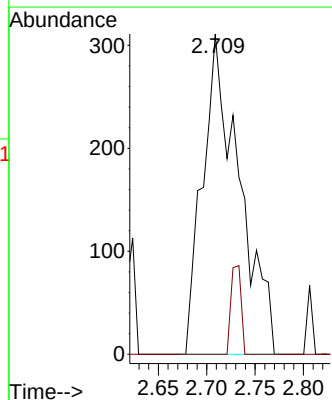
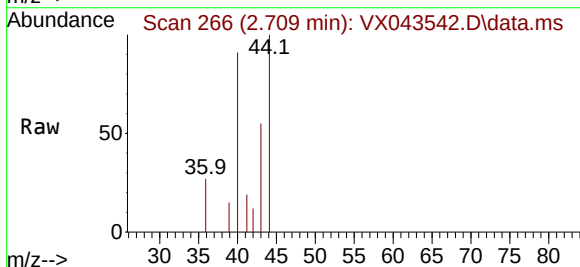
Acq: 26 Oct 2024 02:07

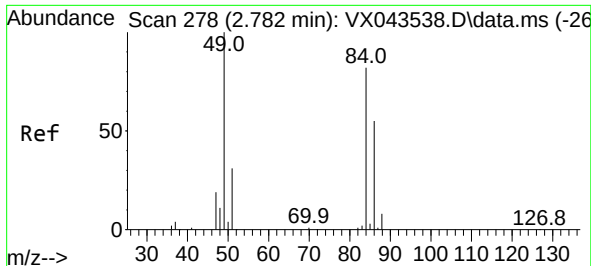
Tgt Ion: 43 Resp: 817

Ion Ratio Lower Upper

43 100

74 0.0 19.1 28.7#



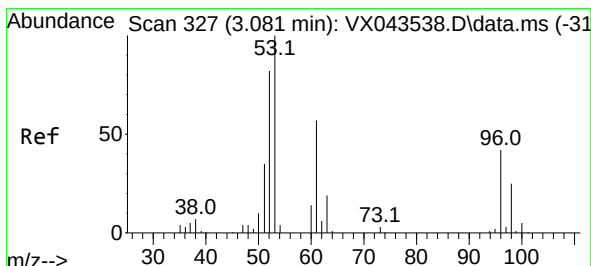
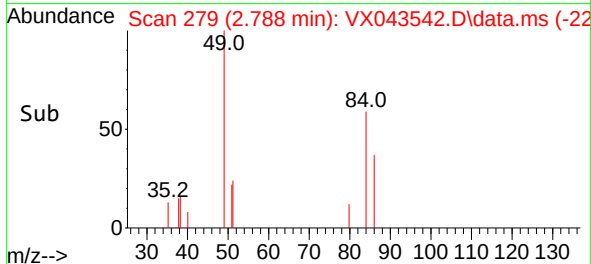
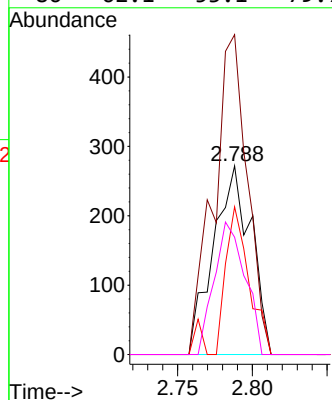
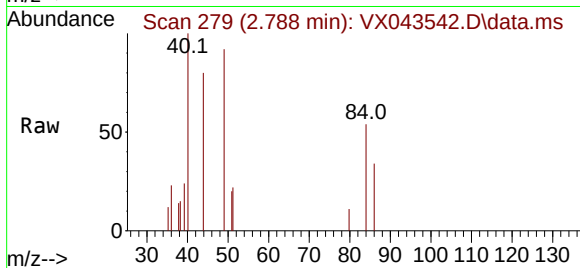


#20
Methylene Chloride
Concen: 0.374 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 477

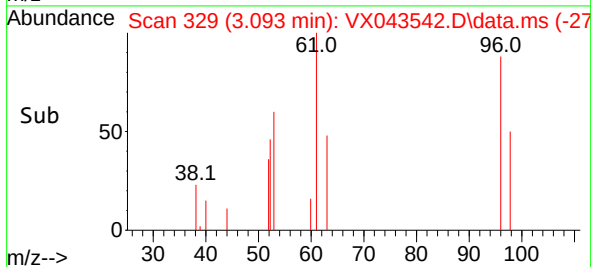
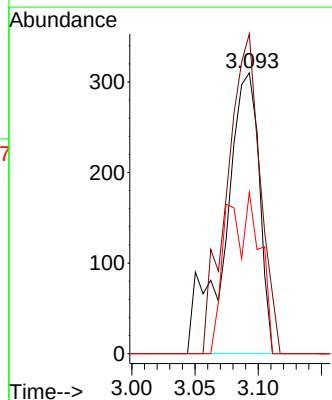
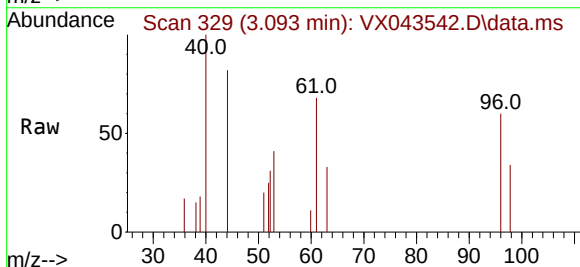
Ion	Ratio	Lower	Upper
84	100		
49	169.5	97.0	145.6#
51	78.3	29.8	44.8#
86	62.1	53.1	79.7

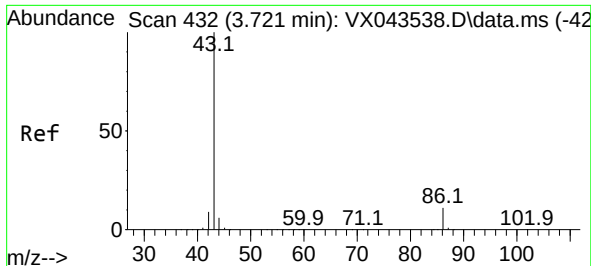


#21
trans-1,2-Dichloroethene
Concen: 0.528 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.012 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Tgt Ion: 96 Resp: 582

Ion	Ratio	Lower	Upper
96	100		
61	113.9	107.1	160.7
98	57.4	47.7	71.5

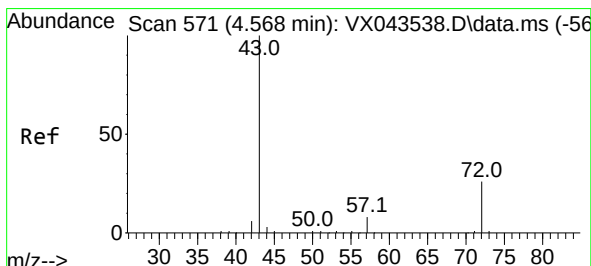
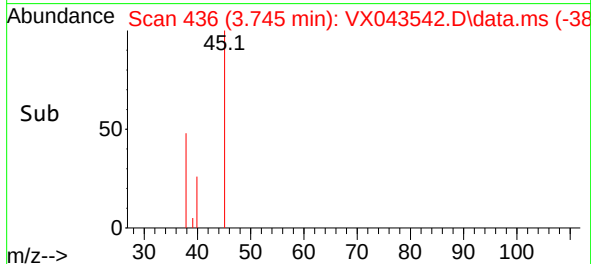
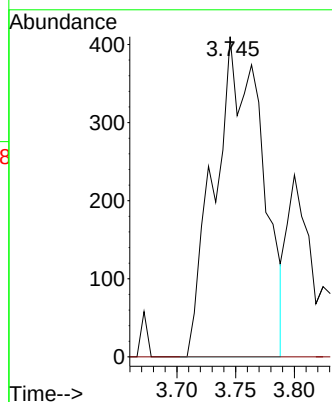
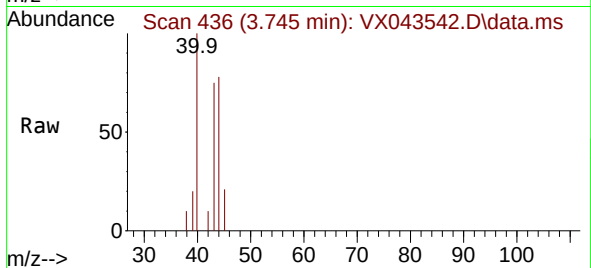




#23
 Vinyl Acetate
 Concen: 0.375 ug/l
 RT: 3.745 min Scan# 41
 Delta R.T. 0.025 min
 Lab File: VX043542.D
 Acq: 26 Oct 2024 02:07

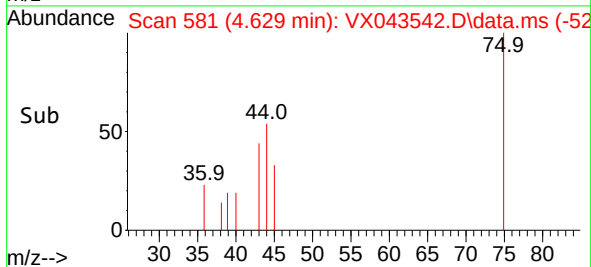
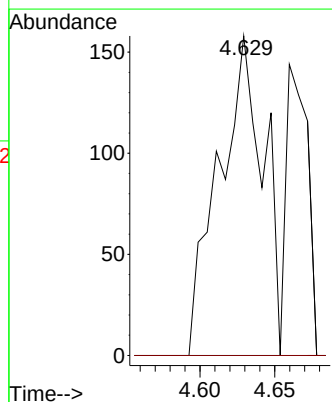
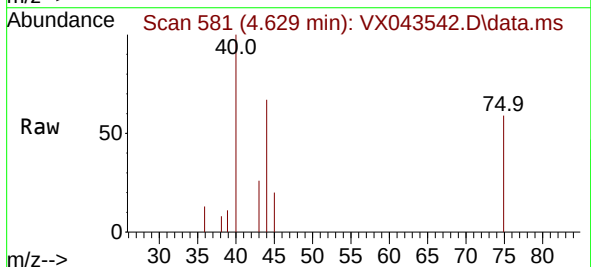
Instrument :
 MSVOA_X
 ClientSampleId :

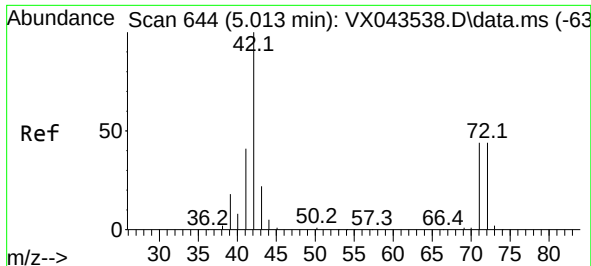
Tgt Ion: 43 Resp: 1156
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.0 13.4#



#25
 2-Butanone
 Concen: 0.330 ug/l
 RT: 4.629 min Scan# 581
 Delta R.T. 0.061 min
 Lab File: VX043542.D
 Acq: 26 Oct 2024 02:07

Tgt Ion: 43 Resp: 327
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.1 31.7#





#29

Tetrahydrofuran

Concen: 0.361 ug/l

RT: 5.056 min Scan# 61

Delta R.T. 0.043 min

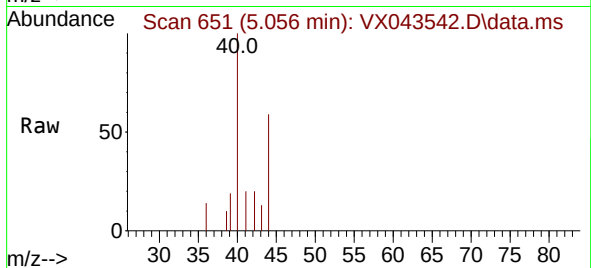
Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

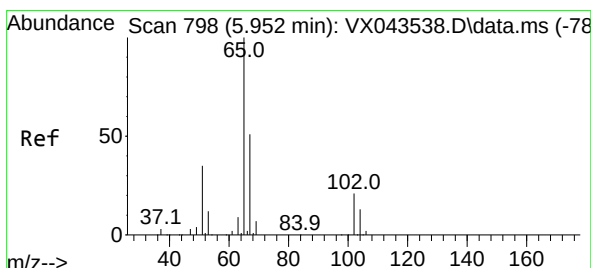
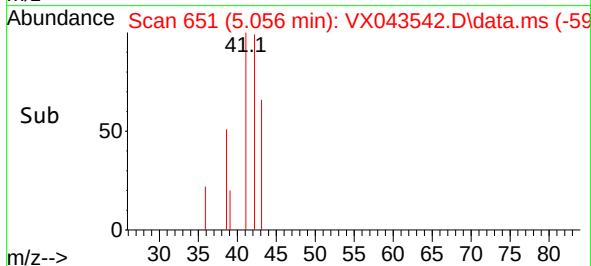
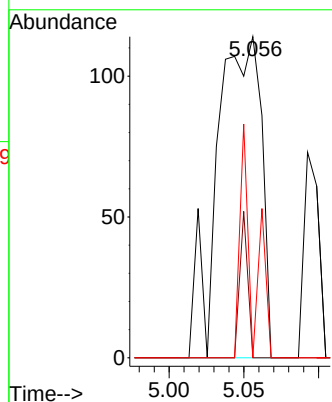
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	234
Ion	Ratio	Lower	Upper
42	100		
72	8.1	36.6	55.0#
71	21.4	34.2	51.4#



#33

1,2-Dichloroethane-d4

Concen: 57.211 ug/l

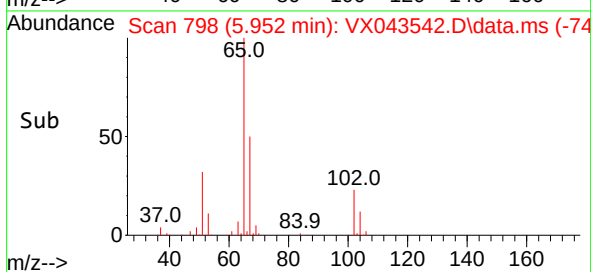
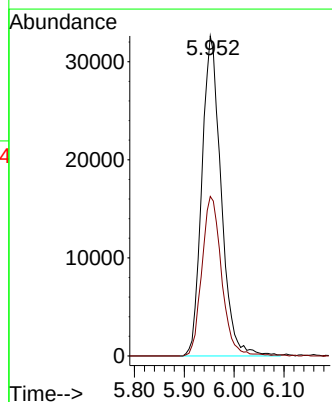
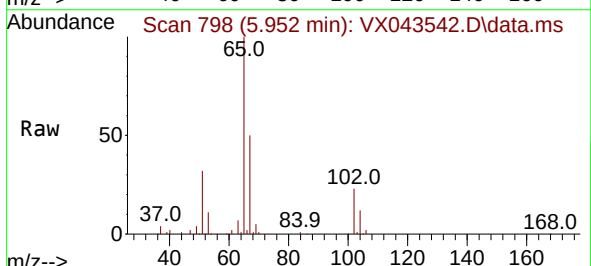
RT: 5.952 min Scan# 798

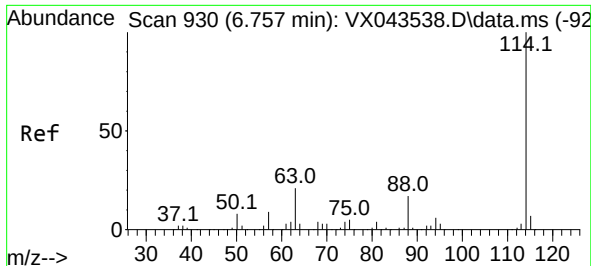
Delta R.T. 0.000 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Tgt Ion:	65	Resp:	87549
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.4

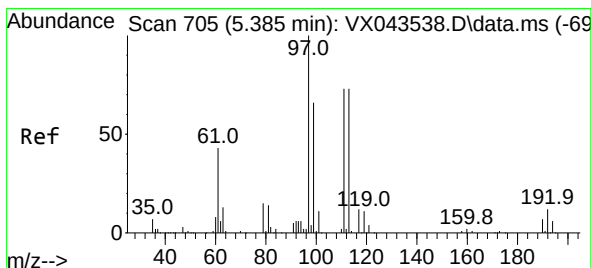
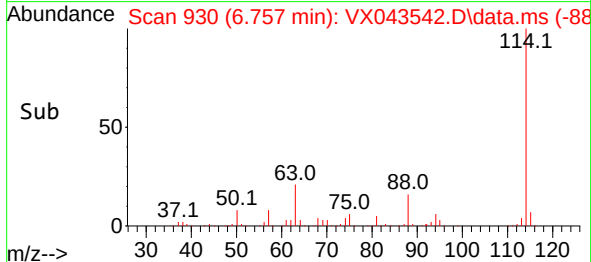
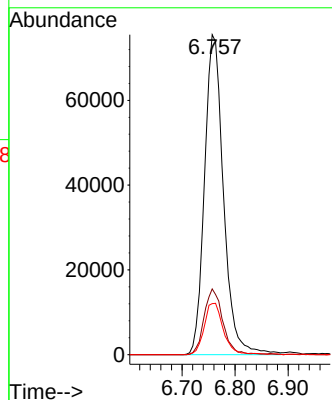
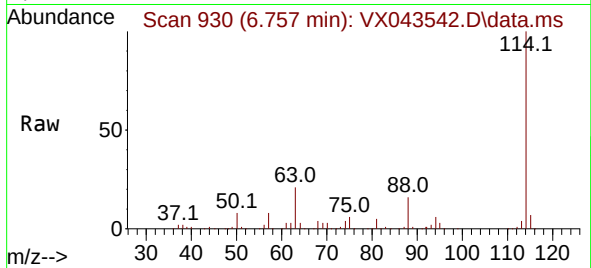




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

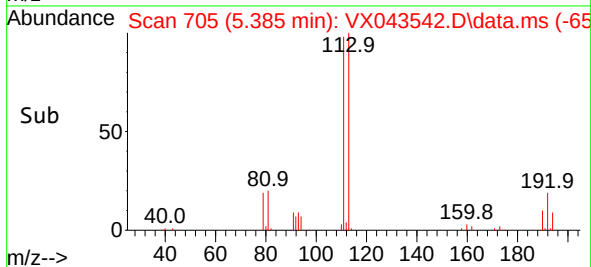
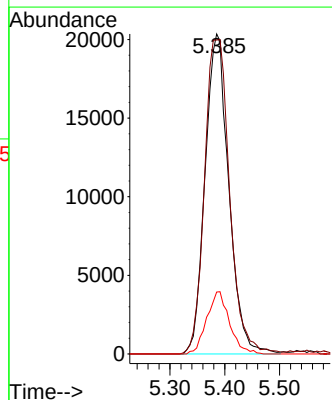
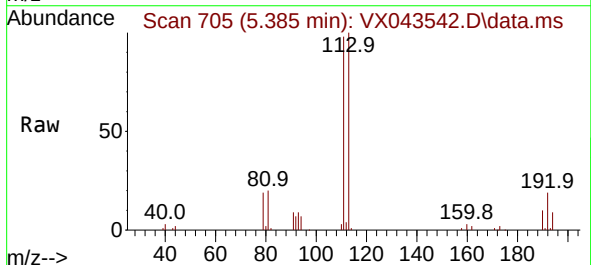
Instrument :
MSVOA_X
ClientSampleId :

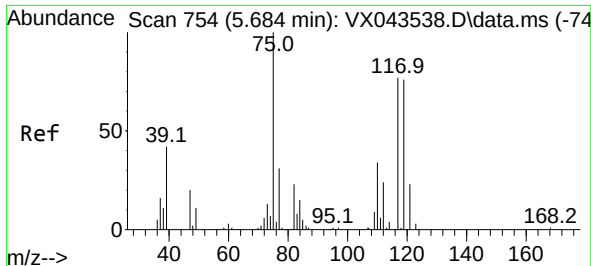
Tgt Ion:114 Resp: 187834
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.2
88 16.0 0.0 34.0



#35
Dibromofluoromethane
Concen: 48.867 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

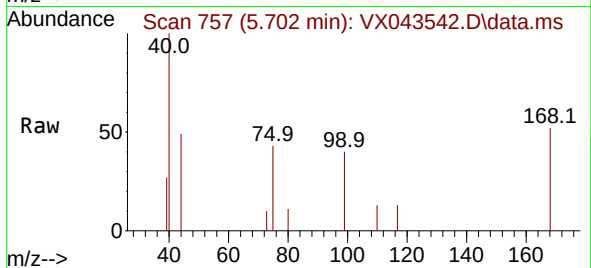
Tgt Ion:113 Resp: 61119
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.0
192 18.7 14.1 21.1



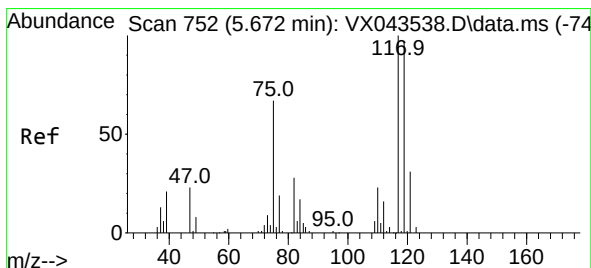
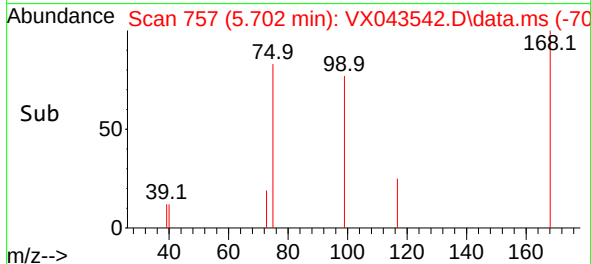
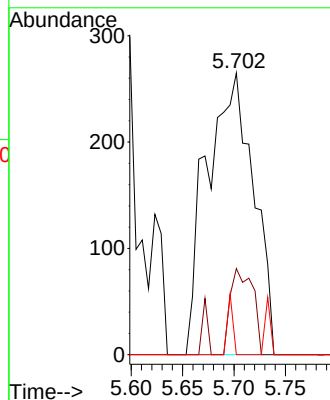


#36
1,1-Dichloropropene
Concen: 0.565 ug/l
RT: 5.702 min Scan# 71
Delta R.T. 0.018 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Instrument :
MSVOA_X
ClientSampleId :

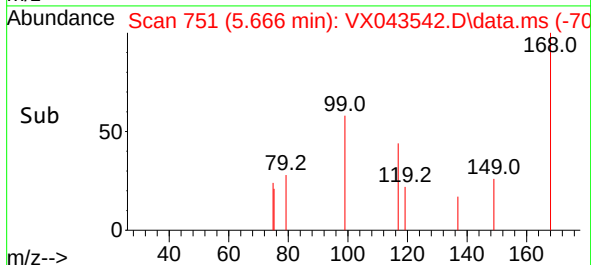
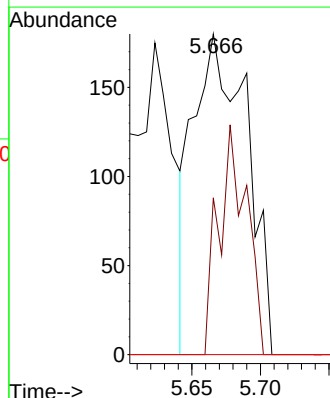
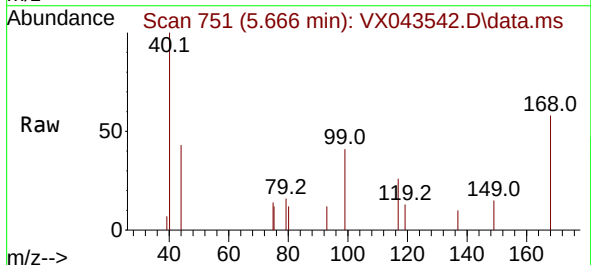


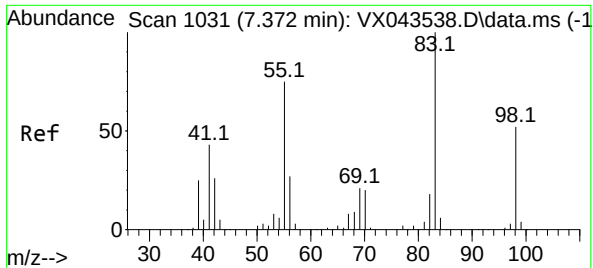
Tgt Ion: 75 Resp: 837
Ion Ratio Lower Upper
75 100
110 14.7 17.9 53.7#
77 2.5 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 0.291 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Tgt Ion: 117 Resp: 490
Ion Ratio Lower Upper
117 100
119 48.9 77.0 115.6#
121 0.0 24.7 37.1#

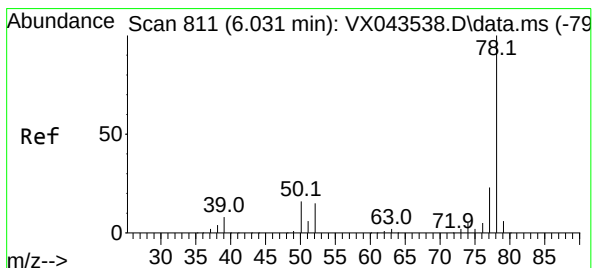
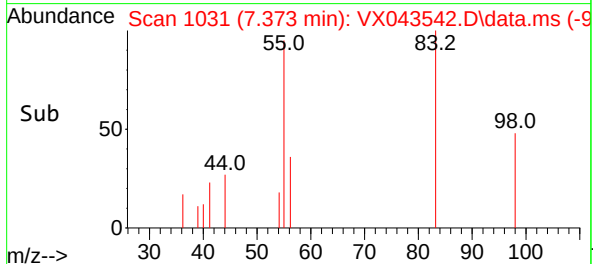
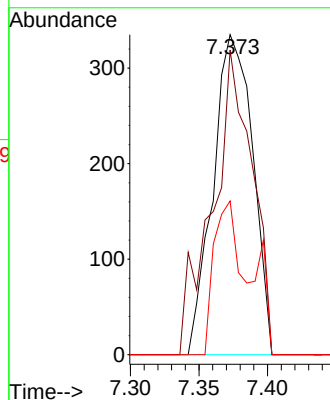
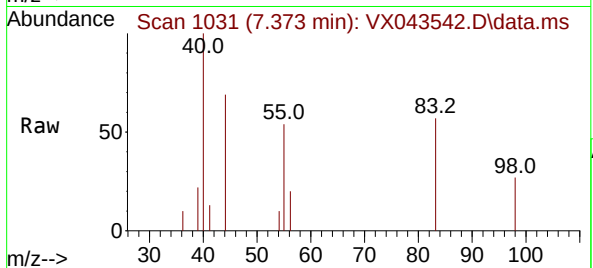




#39
Methylcyclohexane
Concen: 0.355 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

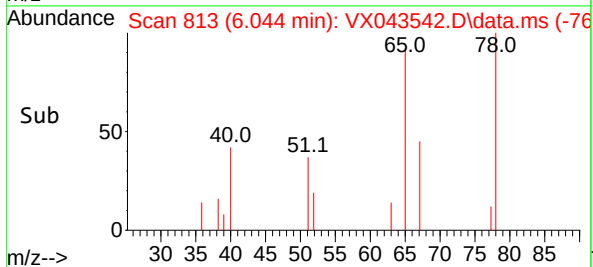
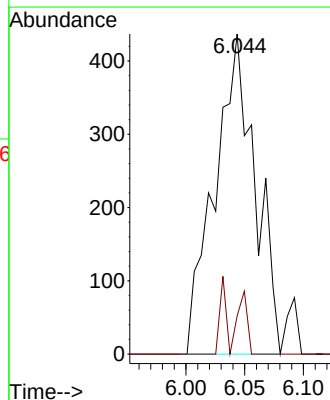
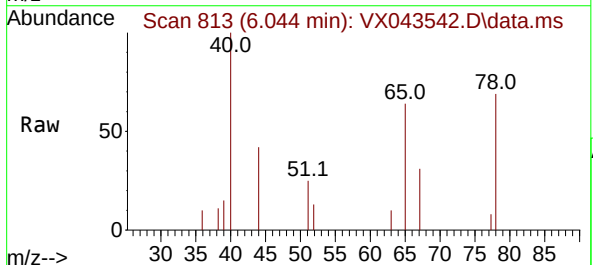
Instrument :
MSVOA_X
ClientSampleId :

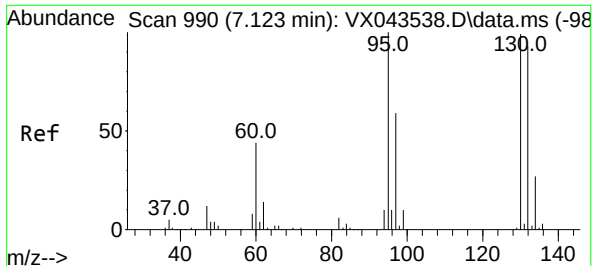
Tgt Ion: 83 Resp: 673
Ion Ratio Lower Upper
83 100
55 95.2 59.9 89.9#
98 48.1 41.3 61.9



#40
Benzene
Concen: 0.211 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Tgt Ion: 78 Resp: 1045
Ion Ratio Lower Upper
78 100
77 11.9 18.4 27.6#

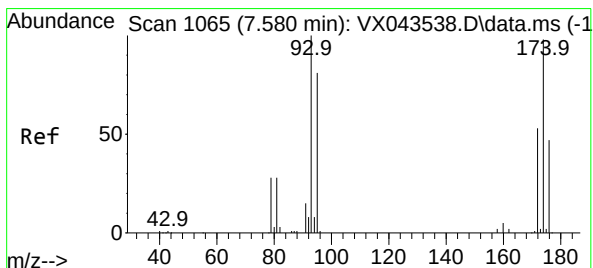
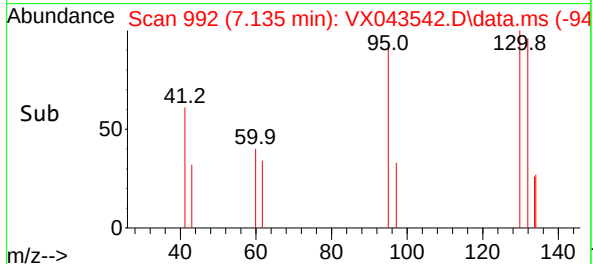
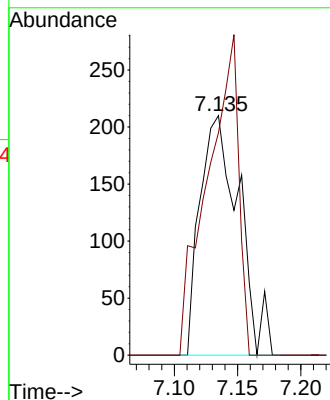
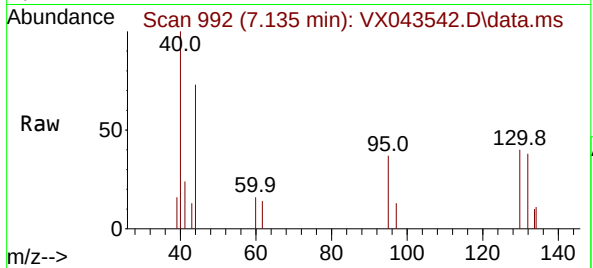




#44
Trichloroethene
Concen: 0.385 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

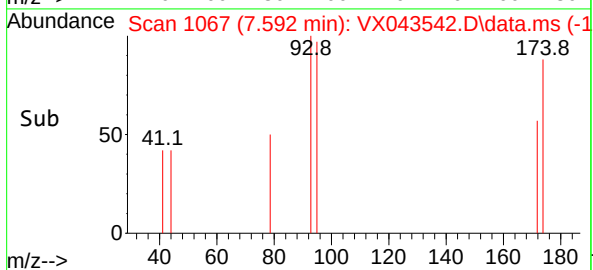
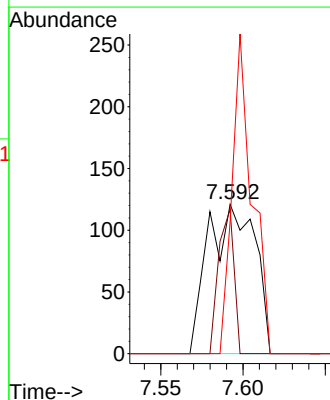
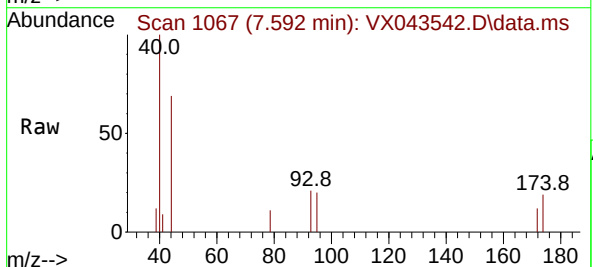
Instrument :
MSVOA_X
ClientSampleId :

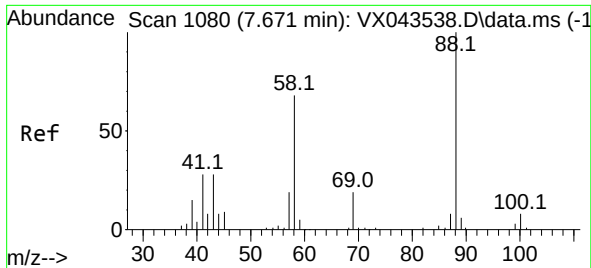
Tgt Ion:130 Resp: 452
Ion Ratio Lower Upper
130 100
95 92.9 0.0 202.6



#46
Dibromomethane
Concen: 0.259 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Tgt Ion: 93 Resp: 240
Ion Ratio Lower Upper
93 100
95 31.7 66.4 99.6#
174 91.7 75.0 112.4

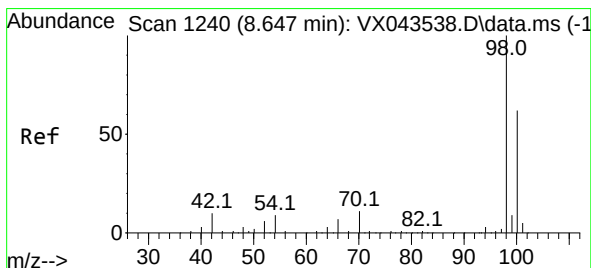
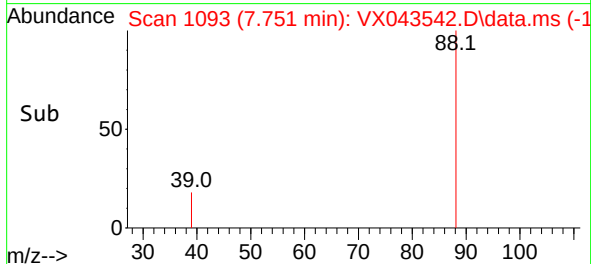
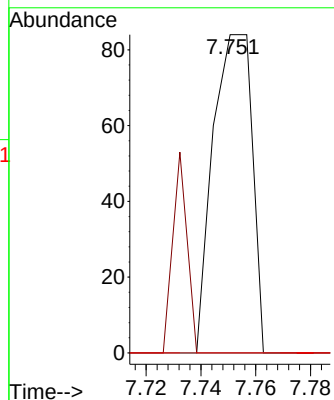
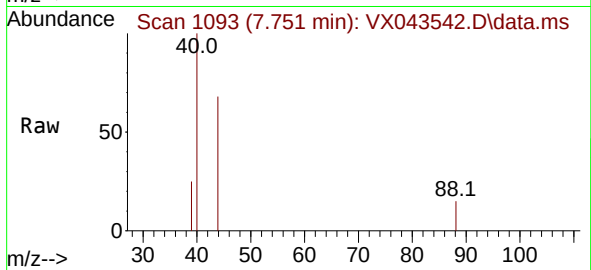




#49
1,4-Dioxane
Concen: 2.165 ug/l
RT: 7.751 min Scan# 1093
Delta R.T. 0.079 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

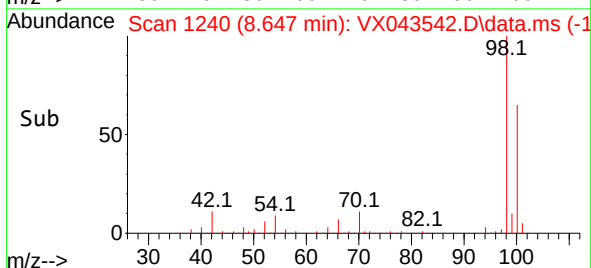
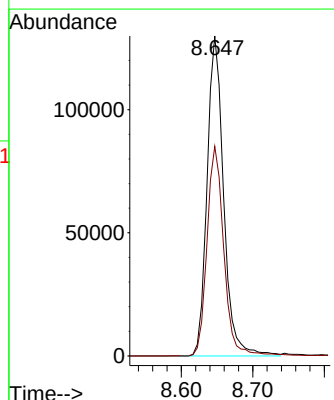
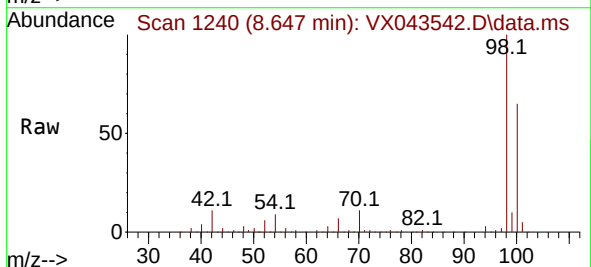
Instrument :
MSVOA_X
ClientSampleId :

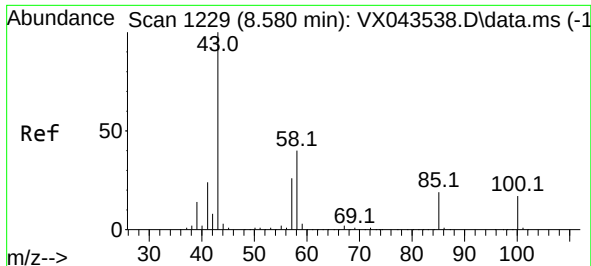
Tgt Ion: 88 Resp: 83
Ion Ratio Lower Upper
88 100
43 22.9 25.3 37.9#
58 0.0 53.9 80.9#



#50
Toluene-d8
Concen: 48.273 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Tgt Ion: 98 Resp: 209348
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 0.254 ug/l

RT: 8.586 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Instrument :

MSVOA_X

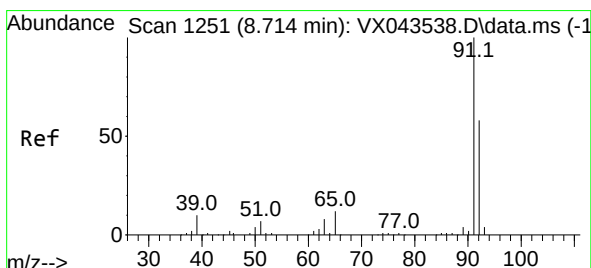
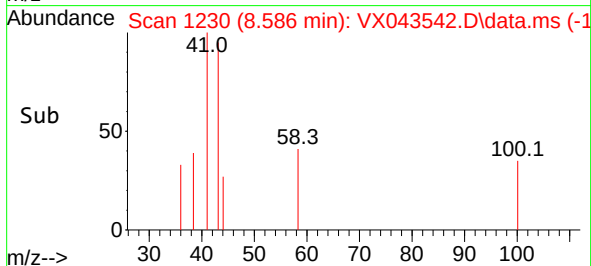
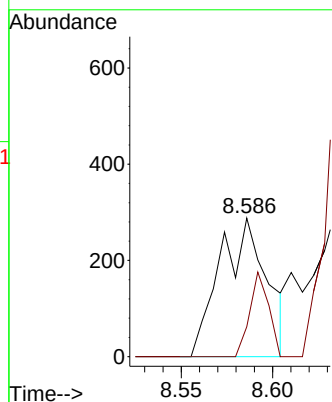
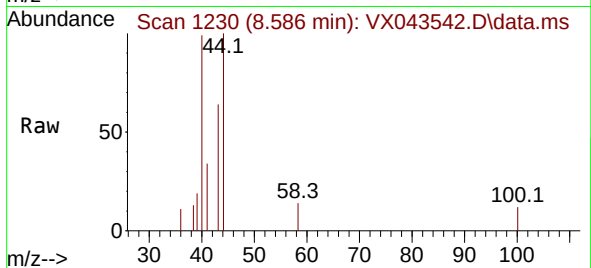
ClientSampleId :

Tgt Ion: 43 Resp: 515

Ion Ratio Lower Upper

43 100

58 24.5 31.7 47.5#



#52

Toluene

Concen: 0.258 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX043542.D

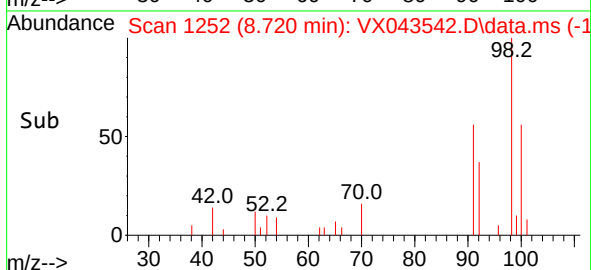
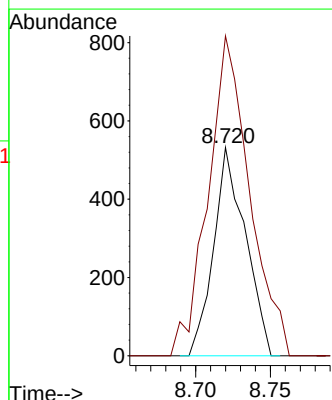
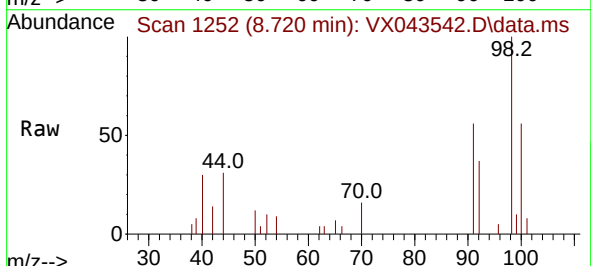
Acq: 26 Oct 2024 02:07

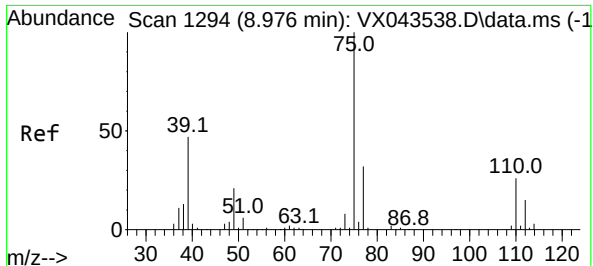
Tgt Ion: 92 Resp: 786

Ion Ratio Lower Upper

92 100

91 200.5 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 0.245 ug/l

RT: 9.000 min Scan# 1180

Delta R.T. 0.025 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Instrument :

MSVOA_X

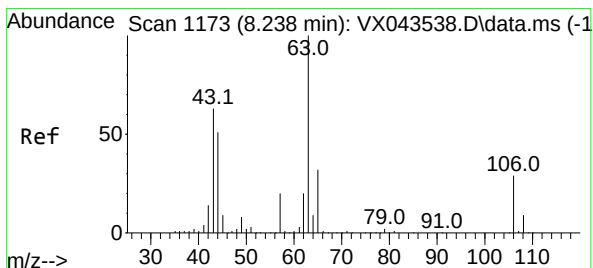
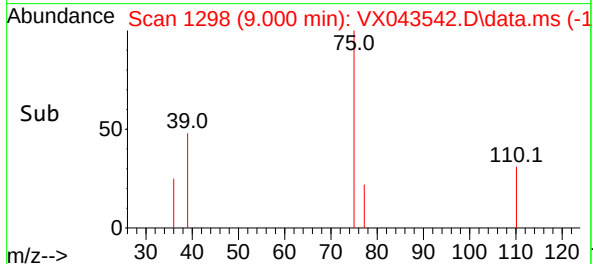
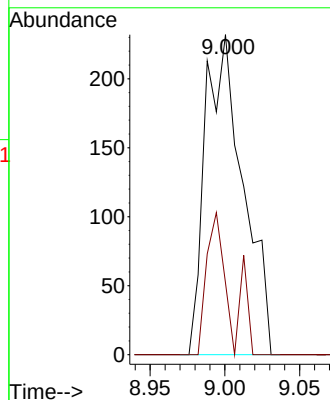
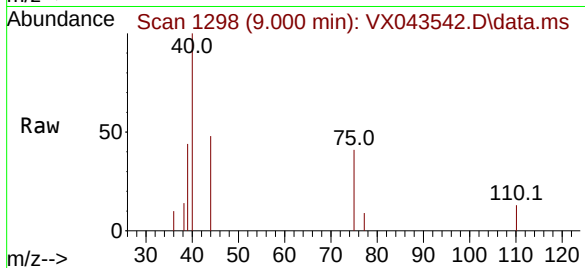
ClientSampleId :

Tgt Ion: 75 Resp: 409

Ion Ratio Lower Upper

75 100

77 22.4 26.0 39.0#



#58

2-Chloroethyl Vinyl ether

Concen: 0.531 ug/l

RT: 8.281 min Scan# 1180

Delta R.T. 0.043 min

Lab File: VX043542.D

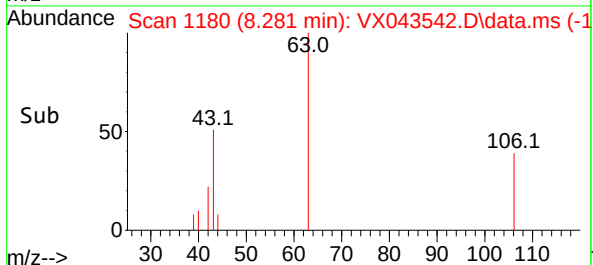
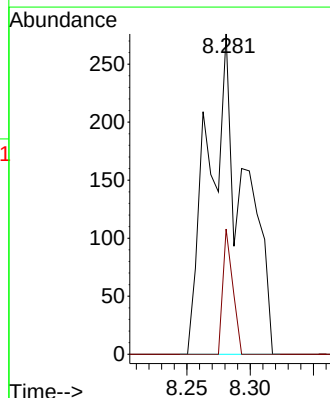
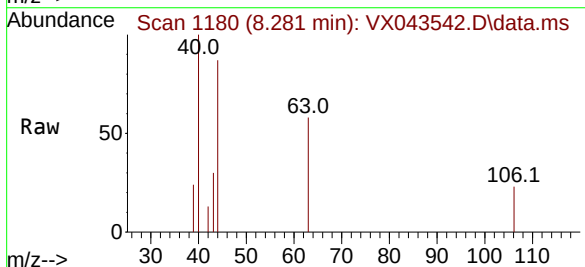
Acq: 26 Oct 2024 02:07

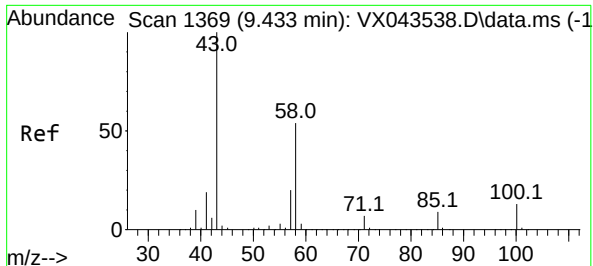
Tgt Ion: 63 Resp: 543

Ion Ratio Lower Upper

63 100

106 10.7 23.6 35.4#





#59

2-Hexanone

Concen: 0.270 ug/l

RT: 9.464 min Scan# 1374

Delta R.T. 0.031 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Instrument :

MSVOA_X

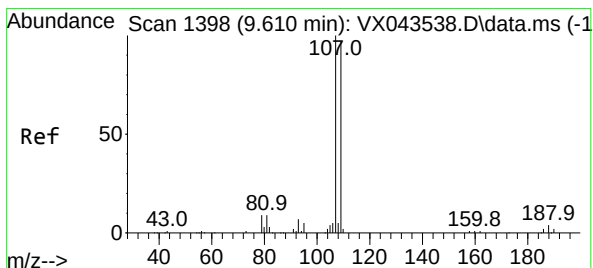
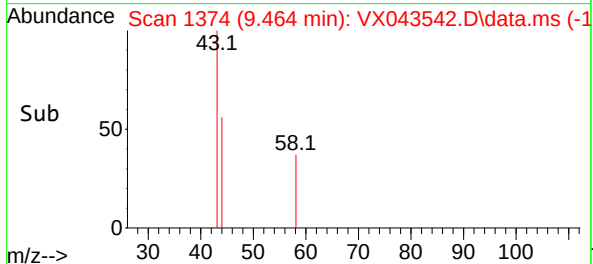
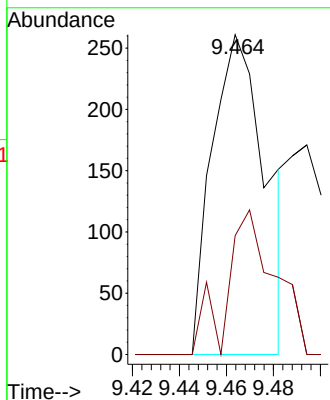
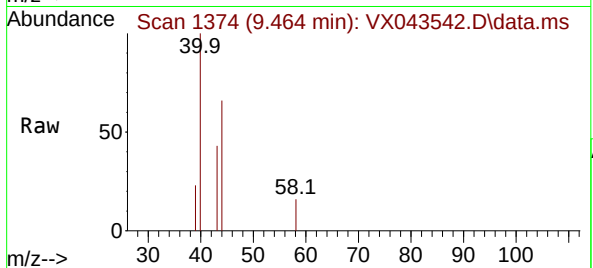
ClientSampleId :

Tgt Ion: 43 Resp: 414

Ion Ratio Lower Upper

43 100

58 40.8 27.5 82.5



#61

1,2-Dibromoethane

Concen: 0.257 ug/l

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX043542.D

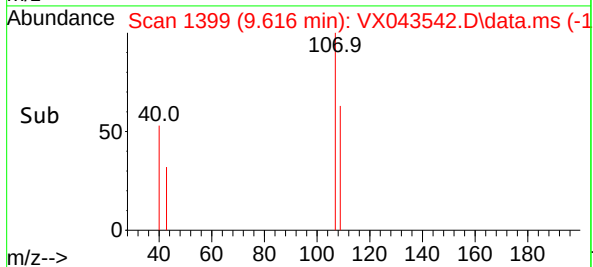
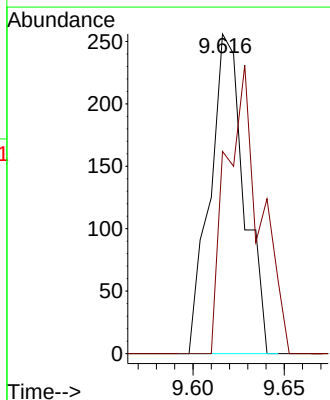
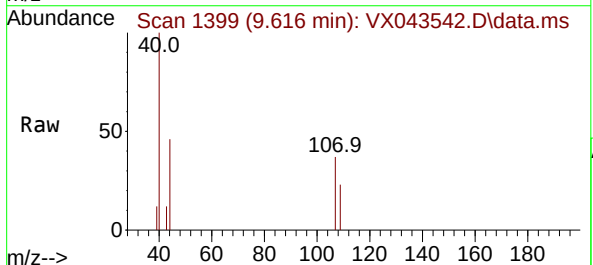
Acq: 26 Oct 2024 02:07

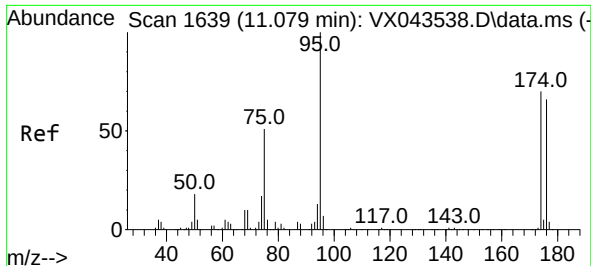
Tgt Ion: 107 Resp: 333

Ion Ratio Lower Upper

107 100

109 89.5 77.1 115.7





#62

4-Bromofluorobenzene

Concen: 47.506 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Instrument :

MSVOA_X

ClientSampleId :

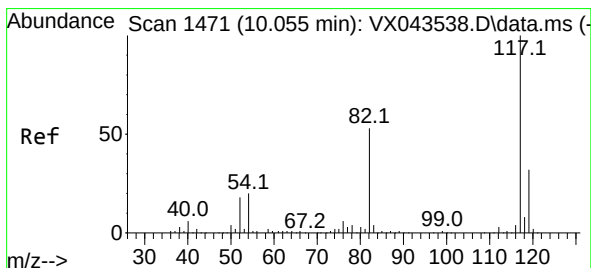
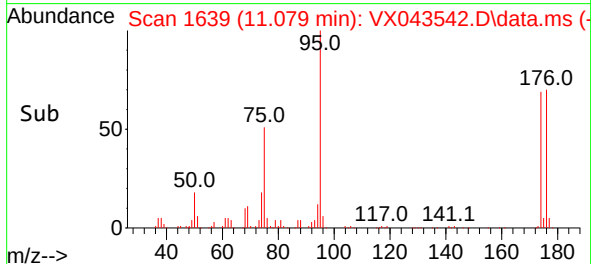
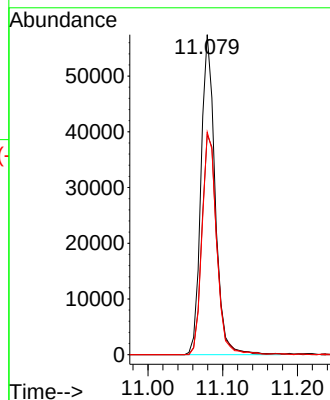
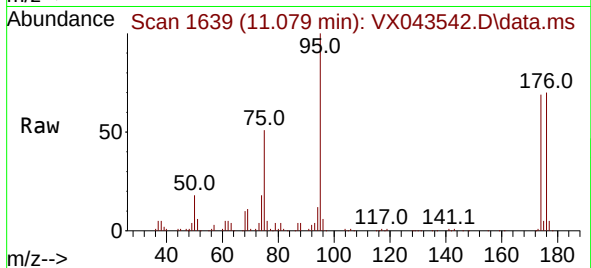
Tgt Ion: 95 Resp: 75250

Ion Ratio Lower Upper

95 100

174 72.7 0.0 146.6

176 71.3 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: VX043542.D

Acq: 26 Oct 2024 02:07

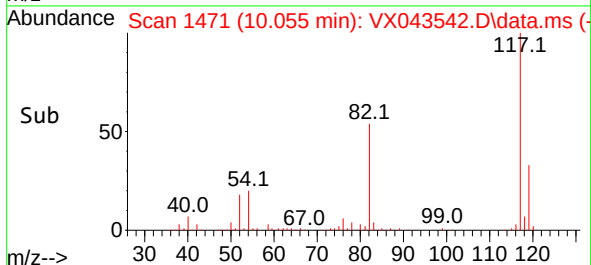
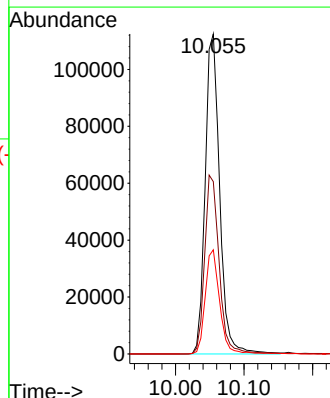
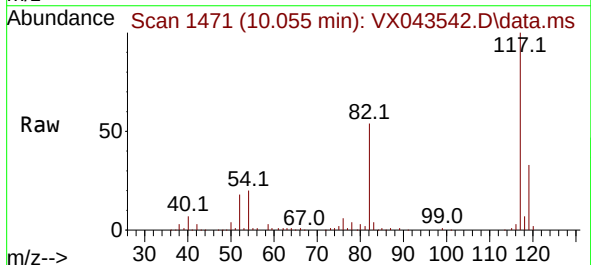
Tgt Ion: 117 Resp: 165534

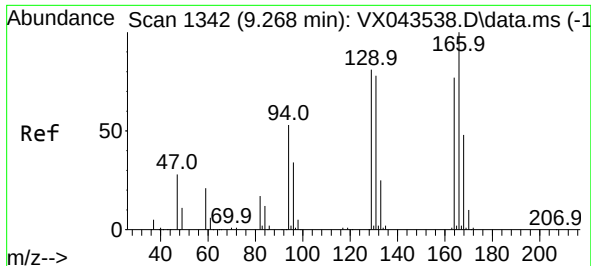
Ion Ratio Lower Upper

117 100

82 53.9 42.1 63.1

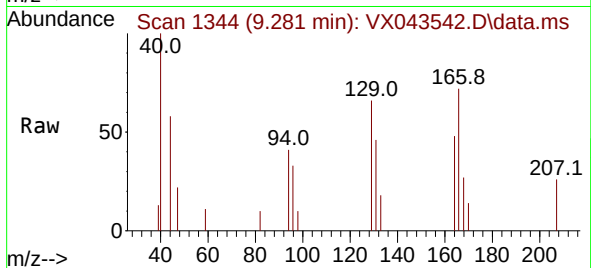
119 32.5 25.4 38.2



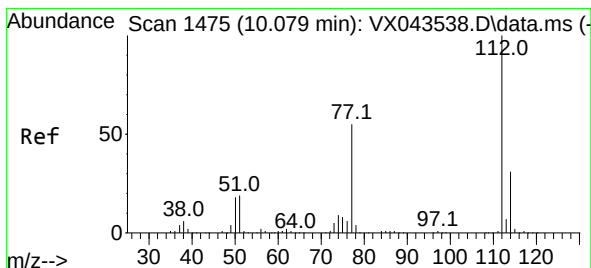
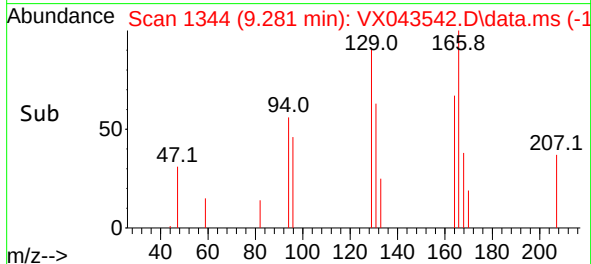
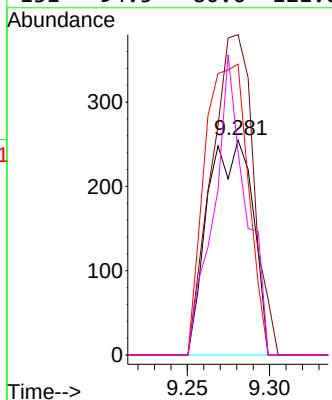


#64
Tetrachloroethene
Concen: 0.467 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Instrument :
MSVOA_X
ClientSampleId :

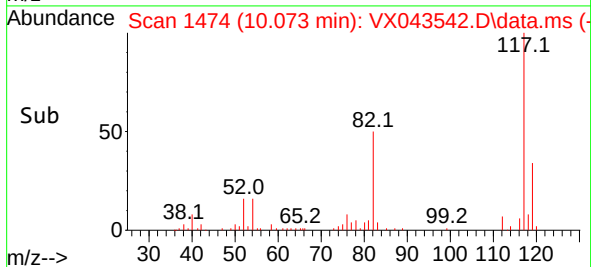
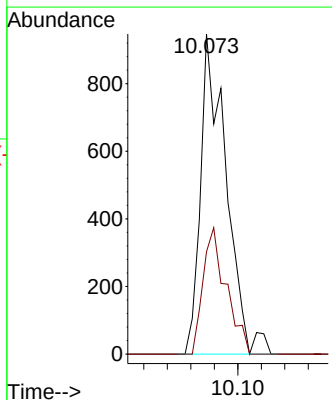
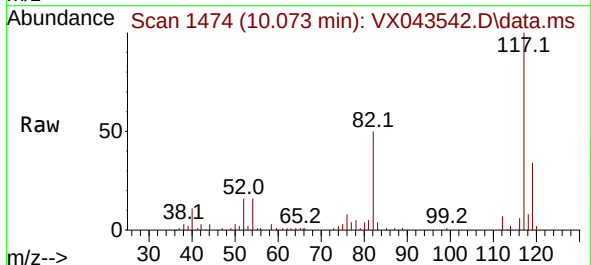


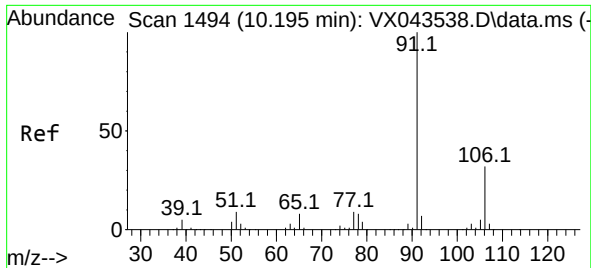
Tgt Ion:164 Resp: 484
Ion Ratio Lower Upper
164 100
166 149.0 103.8 155.6
129 135.3 83.8 125.6#
131 94.5 80.6 121.0



#65
Chlorobenzene
Concen: 0.416 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Tgt Ion:112 Resp: 1432
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6





#67

Ethyl Benzene

Concen: 0.374 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Instrument :

MSVOA_X

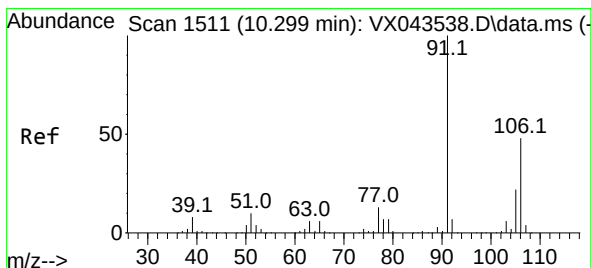
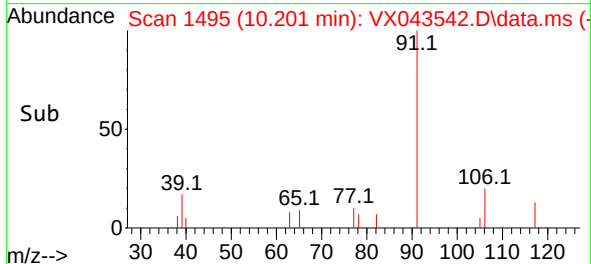
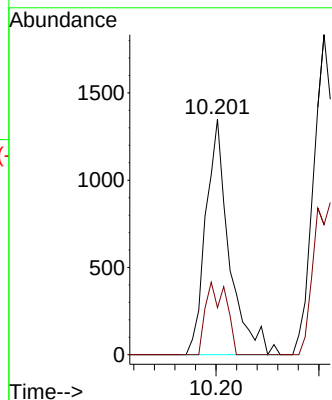
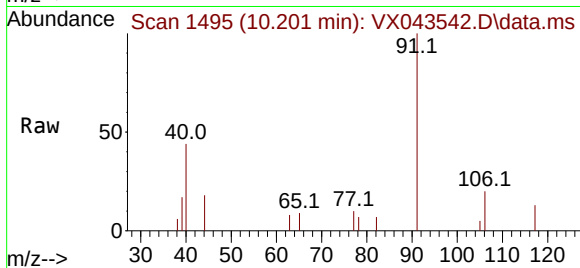
ClientSampleId :

Tgt Ion: 91 Resp: 2141

Ion Ratio Lower Upper

91 100

106 20.0 25.4 38.2#



#68

m/p-Xylenes

Concen: 0.732 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.012 min

Lab File: VX043542.D

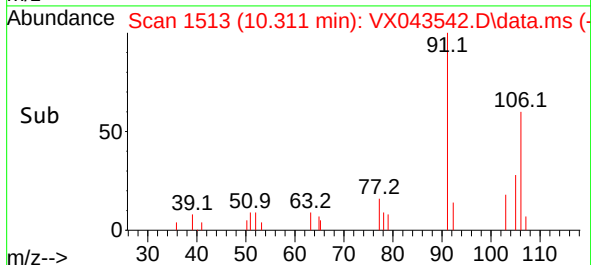
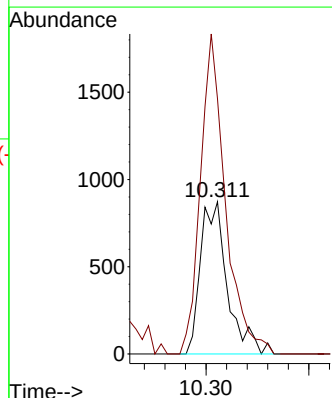
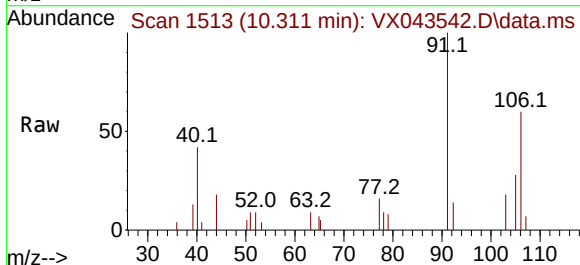
Acq: 26 Oct 2024 02:07

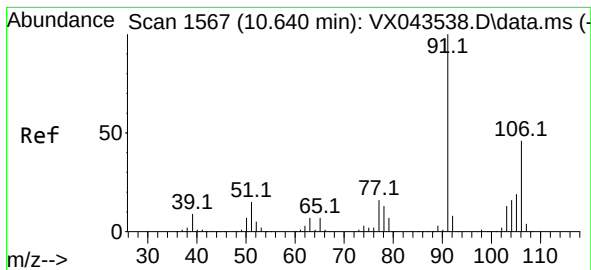
Tgt Ion:106 Resp: 1589

Ion Ratio Lower Upper

106 100

91 195.2 164.7 247.1





#69

o-Xylene

Concen: 0.271 ug/l

RT: 10.646 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Instrument :

MSVOA_X

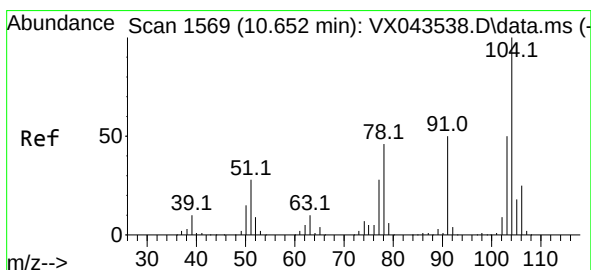
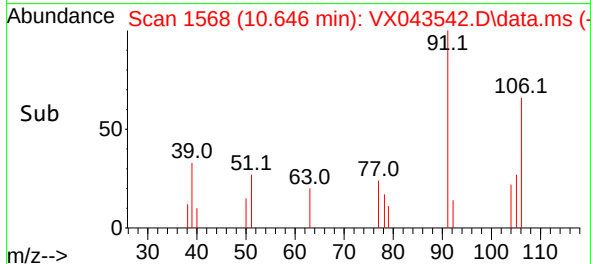
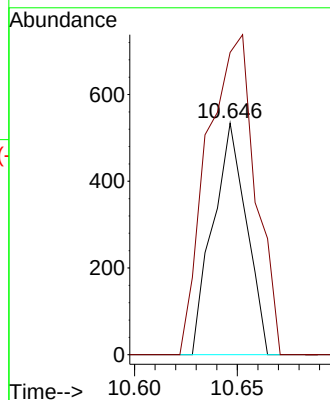
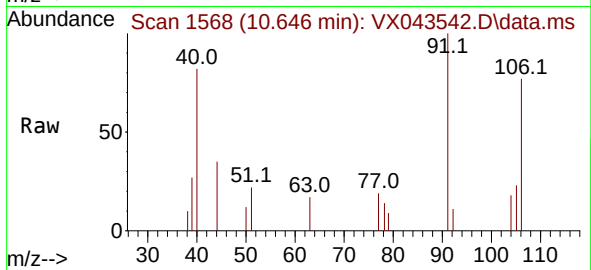
ClientSampleId :

Tgt Ion:106 Resp: 605

Ion Ratio Lower Upper

106 100

91 199.3 107.9 323.7



#70

Styrene

Concen: 0.339 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

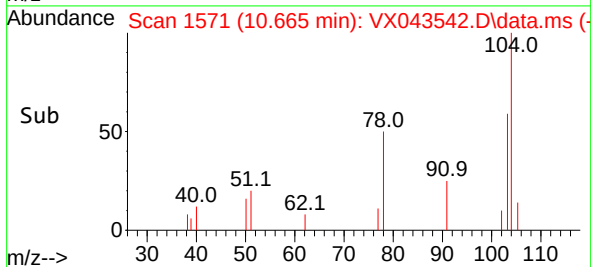
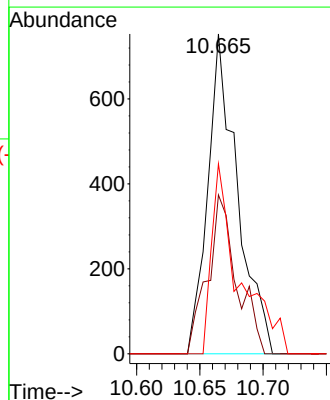
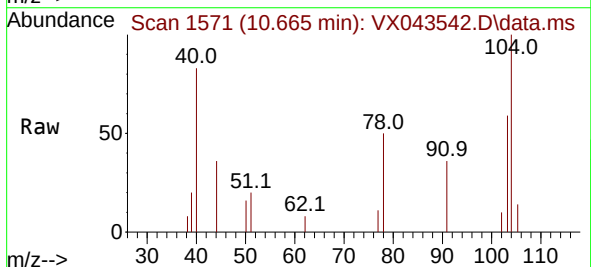
Tgt Ion:104 Resp: 1223

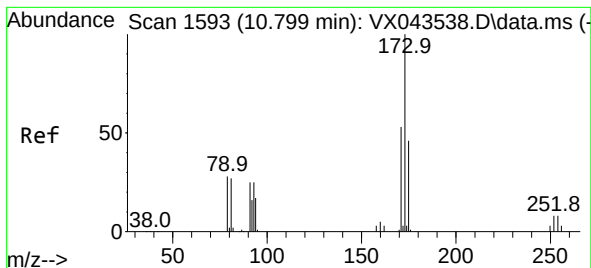
Ion Ratio Lower Upper

104 100

78 49.1 40.0 60.0

103 55.7 43.4 65.0





#71

Bromoform

Concen: 3.923 ug/l

RT: 10.805 min Scan# 1

Delta R.T. 0.006 min

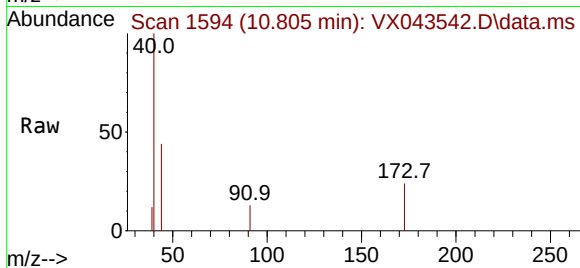
Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

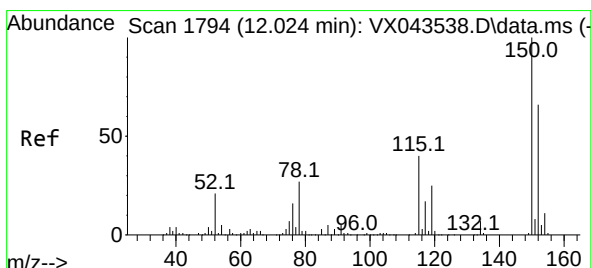
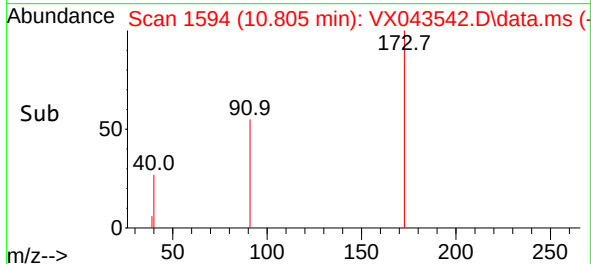
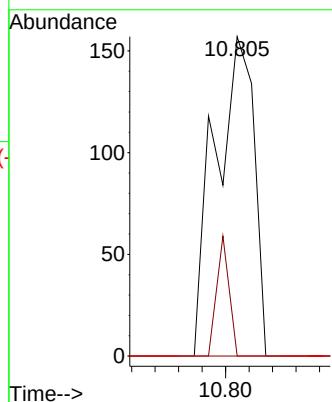
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	173	Resp:	180
Ion Ratio	Lower	Upper	
173	100		
175	0.0	23.3	69.9#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

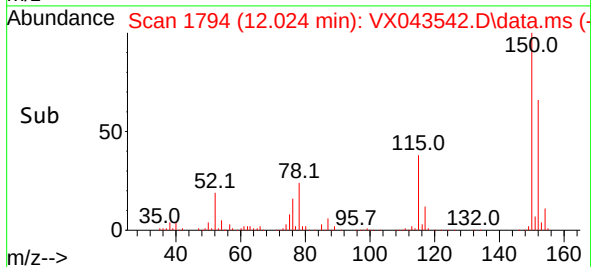
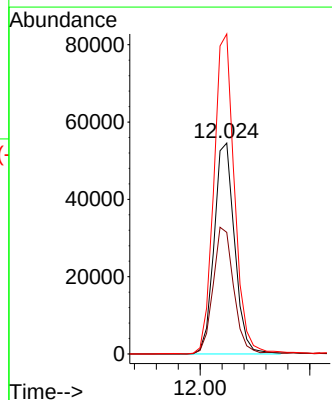
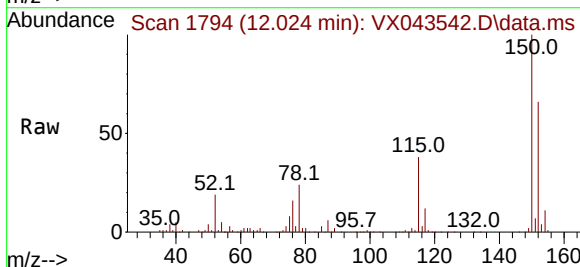
RT: 12.024 min Scan# 1794

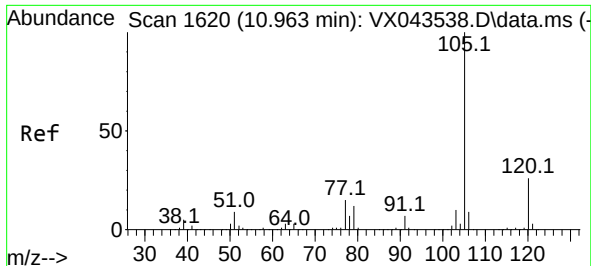
Delta R.T. 0.000 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Tgt Ion:	152	Resp:	70778
Ion Ratio	Lower	Upper	
152	100		
115	60.8	42.9	128.7
150	153.4	0.0	343.6

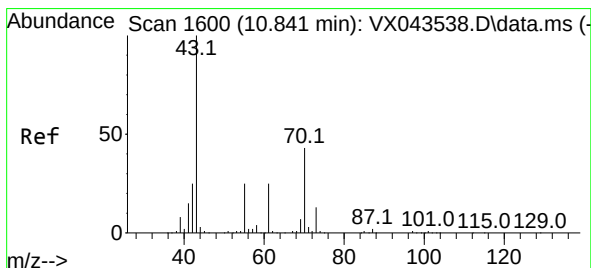
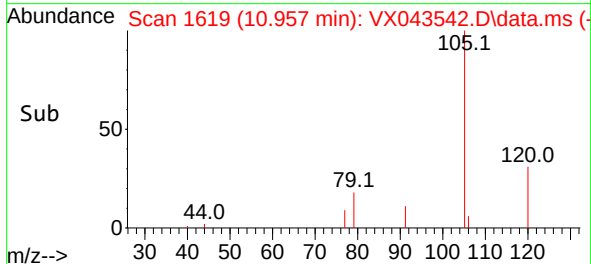
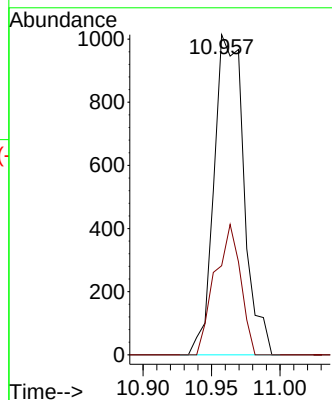
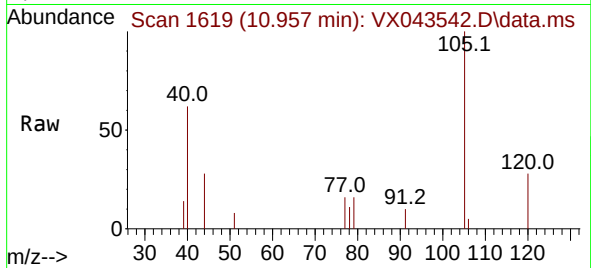




#73
Isopropylbenzene
Concen: 0.302 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

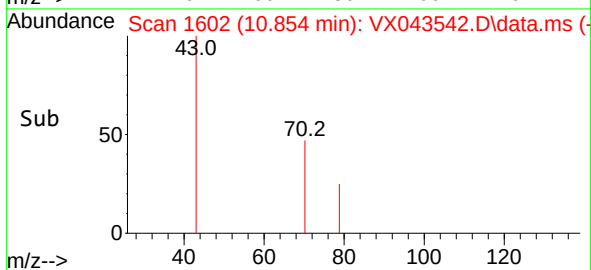
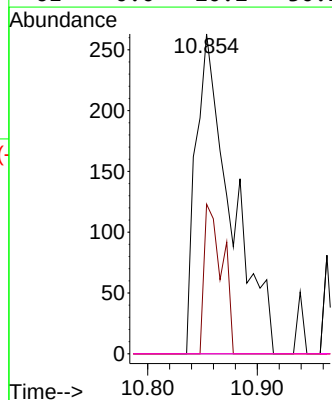
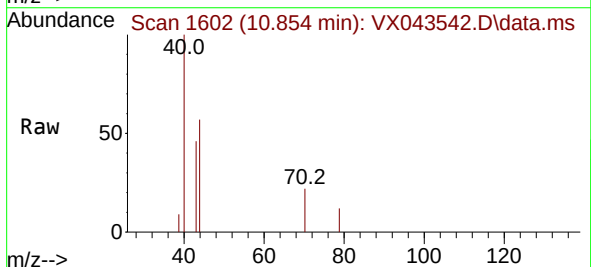
Instrument :
MSVOA_X
ClientSampleId :

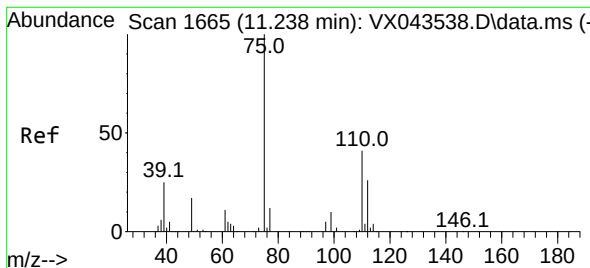
Tgt Ion:105 Resp: 1530
Ion Ratio Lower Upper
105 100
120 34.9 13.2 39.6



#74
N-ethyl acetate
Concen: 0.230 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Tgt Ion: 43 Resp: 586
Ion Ratio Lower Upper
43 100
70 24.2 34.6 52.0#
55 0.0 19.6 29.4#
61 0.0 20.2 30.2#





#76

1,2,3-Trichloropropane

Concen: 23.461 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Instrument :

MSVOA_X

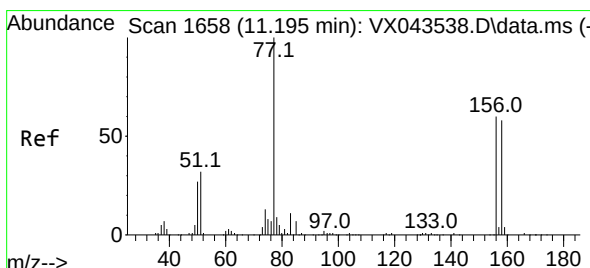
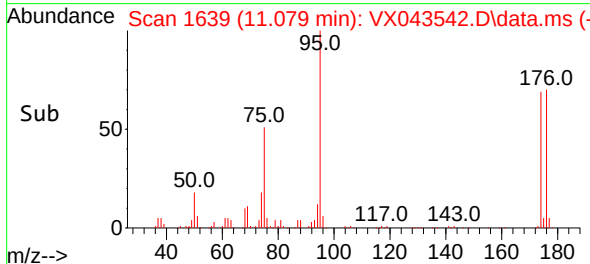
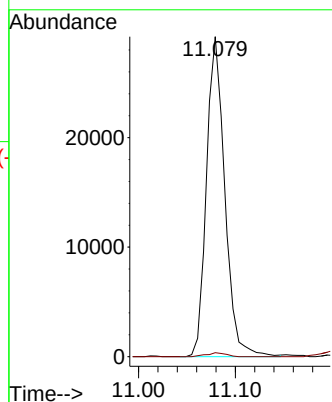
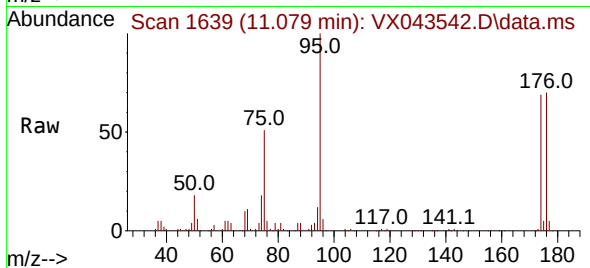
ClientSampleId :

Tgt Ion: 75 Resp: 38602

Ion Ratio Lower Upper

75 100

77 1.3 22.4 67.2#



#77

Bromobenzene

Concen: 0.401 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

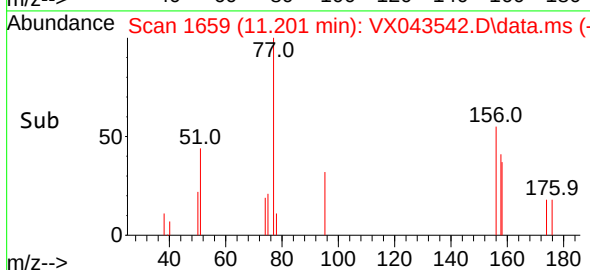
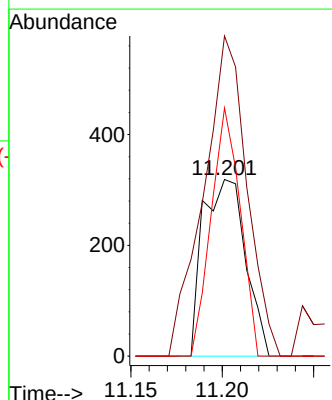
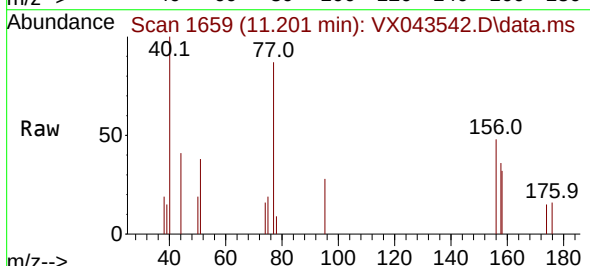
Tgt Ion:156 Resp: 518

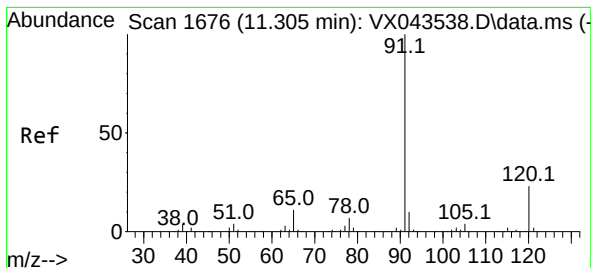
Ion Ratio Lower Upper

156 100

77 183.4 79.7 239.1

158 96.1 48.0 144.0





#78

n-propylbenzene

Concen: 0.365 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Instrument :

MSVOA_X

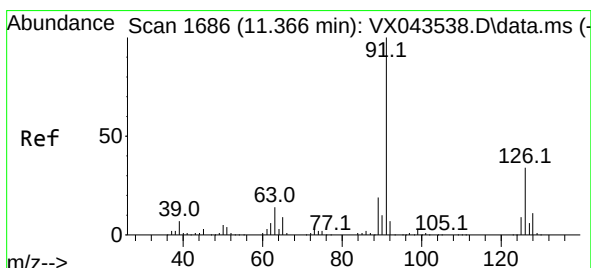
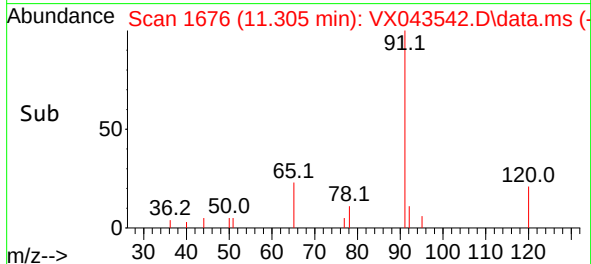
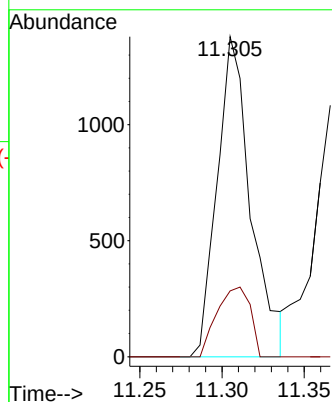
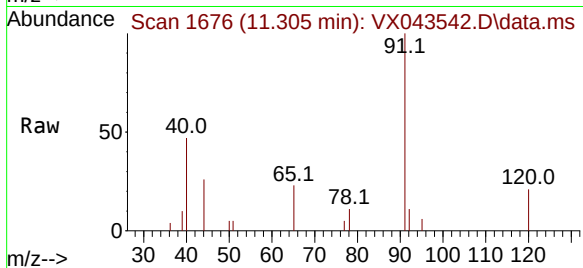
ClientSampleId :

Tgt Ion: 91 Resp: 1968

Ion Ratio Lower Upper

91 100

120 21.4 11.6 34.7



#79

2-Chlorotoluene

Concen: 0.370 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX043542.D

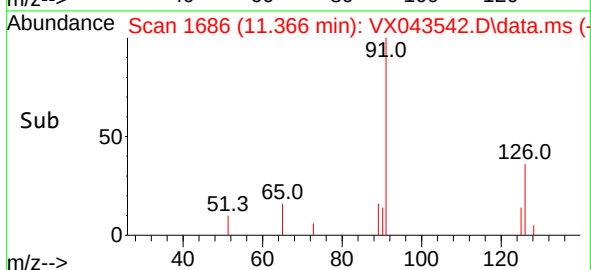
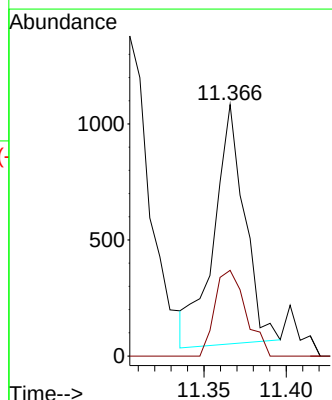
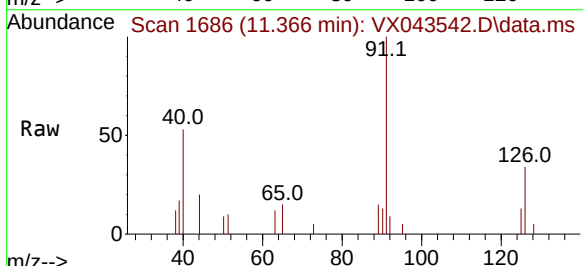
Acq: 26 Oct 2024 02:07

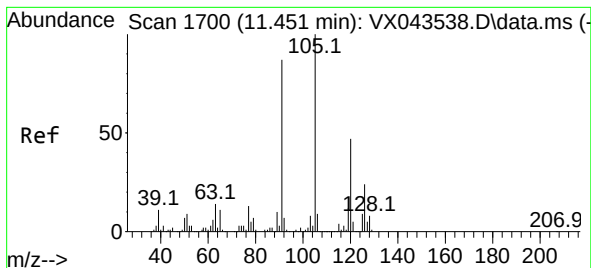
Tgt Ion: 91 Resp: 1338

Ion Ratio Lower Upper

91 100

126 36.2 16.7 50.0





#80

1,3,5-Trimethylbenzene

Concen: 0.334 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Instrument :

MSVOA_X

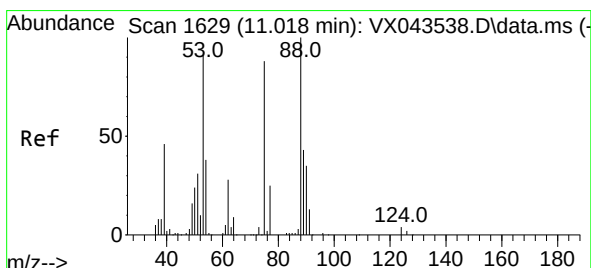
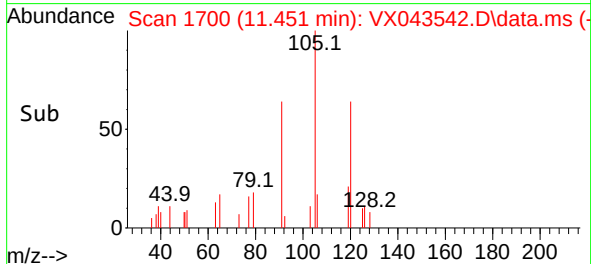
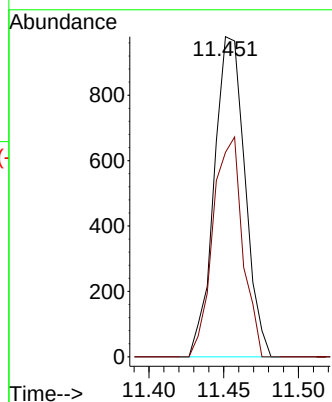
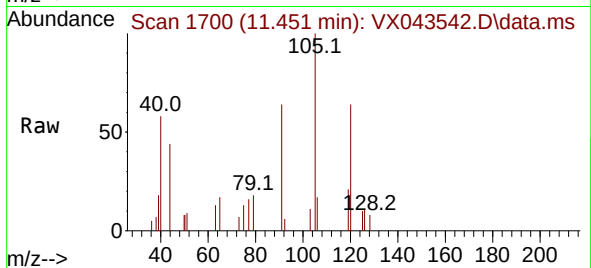
ClientSampleId :

Tgt Ion:105 Resp: 1403

Ion Ratio Lower Upper

105 100

120 65.9 23.8 71.5



#81

trans-1,4-Dichloro-2-butene

Concen: 62.998 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

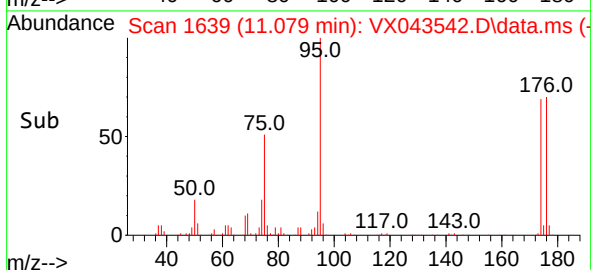
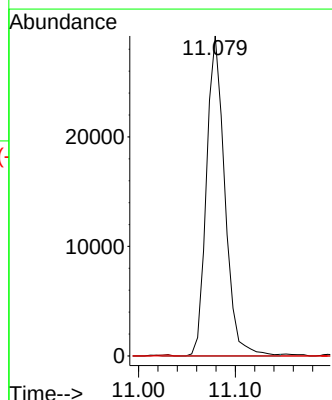
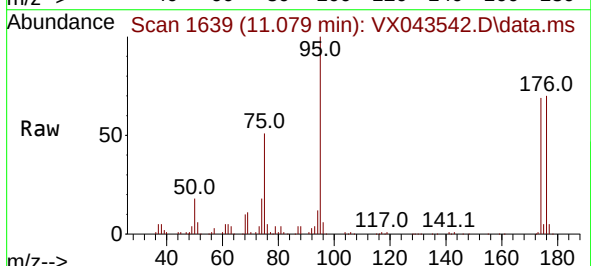
Tgt Ion: 75 Resp: 38602

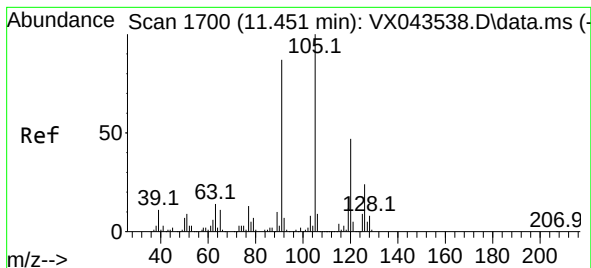
Ion Ratio Lower Upper

75 100

53 0.0 84.6 126.8#

89 0.0 38.6 58.0#





#82

4-Chlorotoluene

Concen: 0.575 ug/l

RT: 11.457 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Instrument :

MSVOA_X

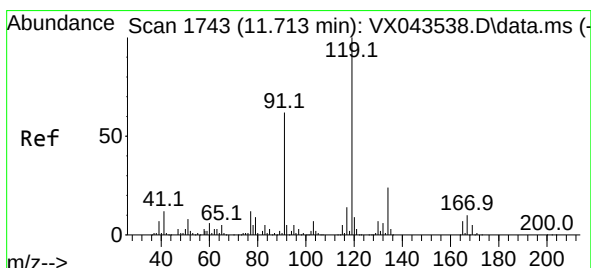
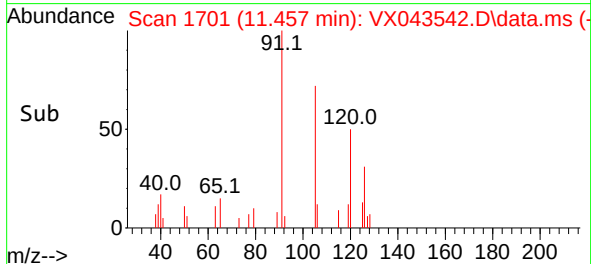
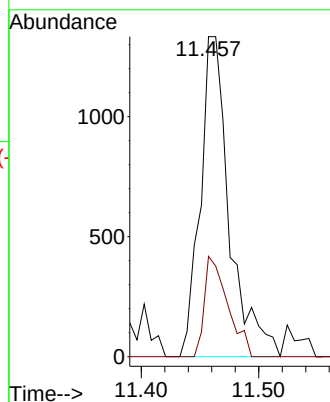
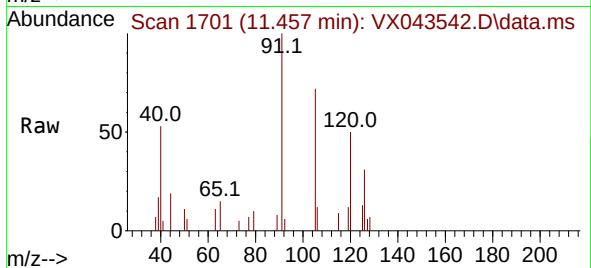
ClientSampleId :

Tgt Ion: 91 Resp: 2303

Ion Ratio Lower Upper

91 100

126 25.0 14.2 42.8



#83

tert-Butylbenzene

Concen: 0.289 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

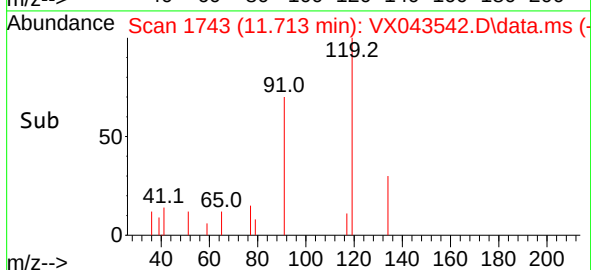
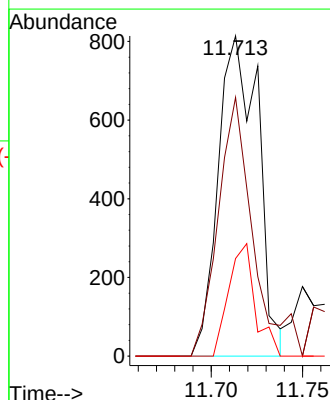
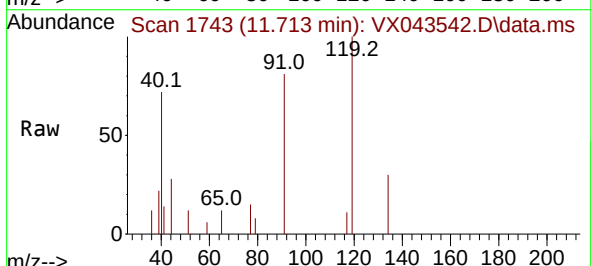
Tgt Ion: 119 Resp: 1239

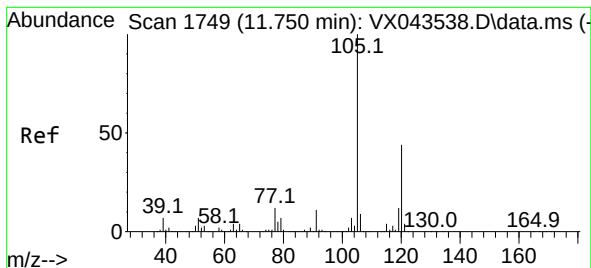
Ion Ratio Lower Upper

119 100

91 70.5 29.5 88.5

134 23.3 11.8 35.3





#84

1,2,4-Trimethylbenzene

Concen: 0.343 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Instrument :

MSVOA_X

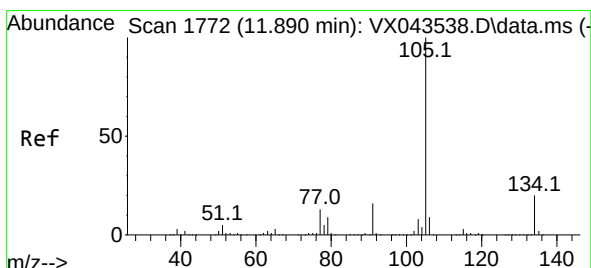
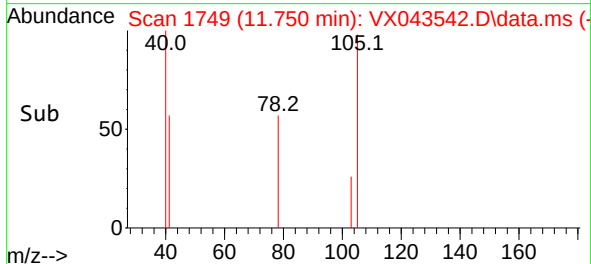
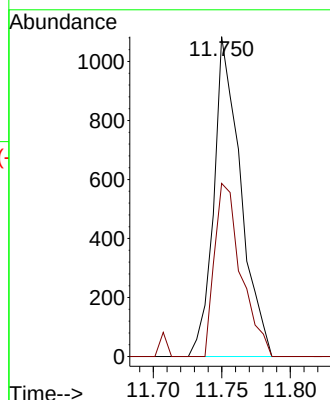
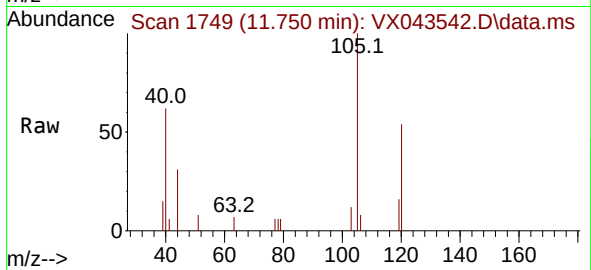
ClientSampleId :

Tgt Ion:105 Resp: 1475

Ion Ratio Lower Upper

105 100

120 53.6 22.1 66.1



#85

sec-Butylbenzene

Concen: 0.414 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX043542.D

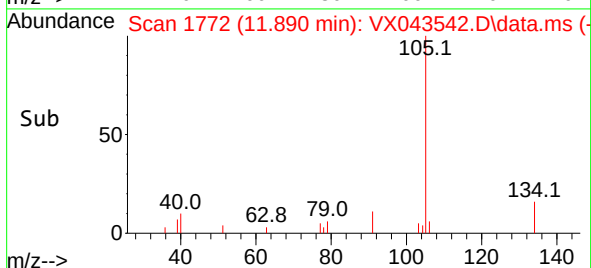
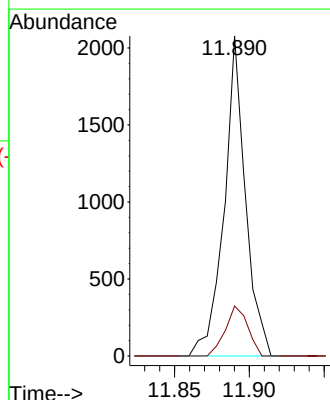
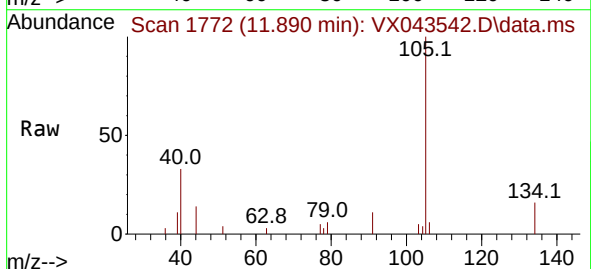
Acq: 26 Oct 2024 02:07

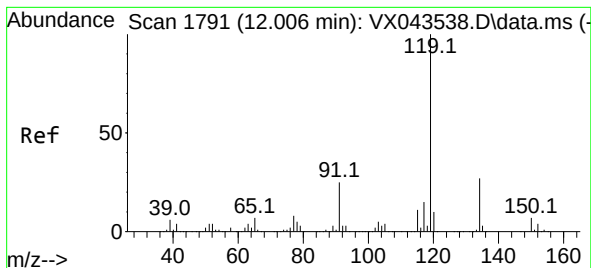
Tgt Ion:105 Resp: 2054

Ion Ratio Lower Upper

105 100

134 16.5 9.8 29.5





#86

p-Isopropyltoluene

Concen: 0.397 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Instrument :

MSVOA_X

ClientSampleId :

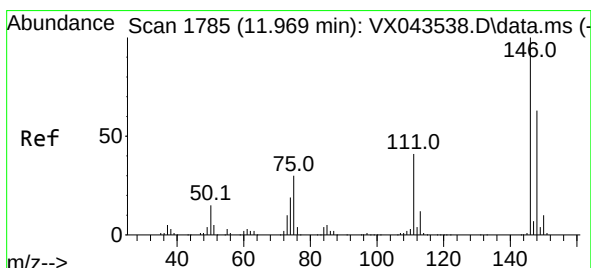
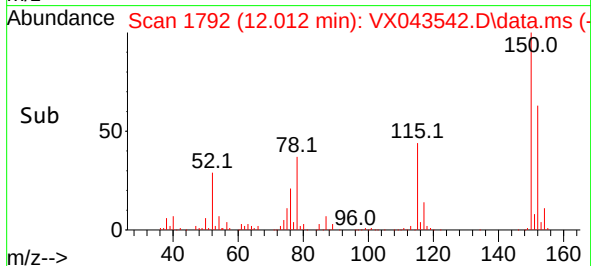
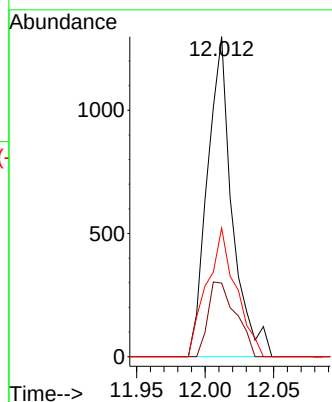
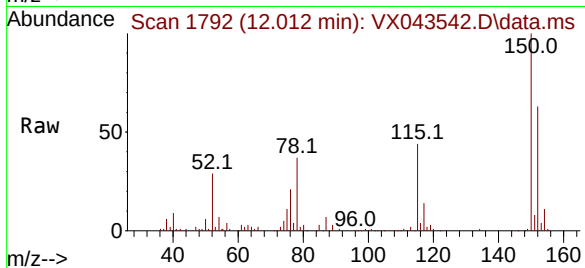
Tgt Ion:119 Resp: 1633

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 47.3 12.4 37.0#



#87

1,3-Dichlorobenzene

Concen: 0.602 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

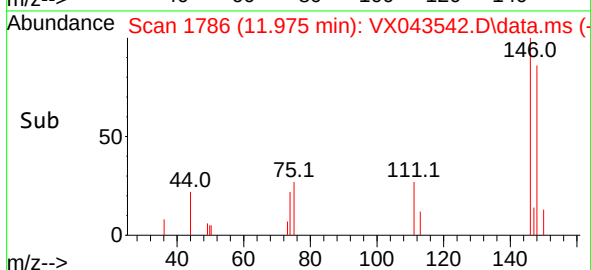
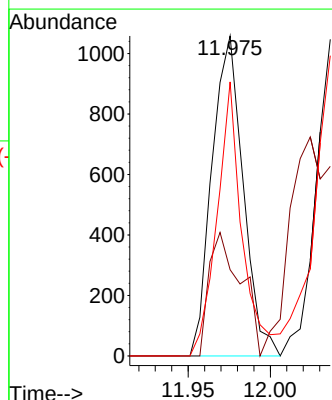
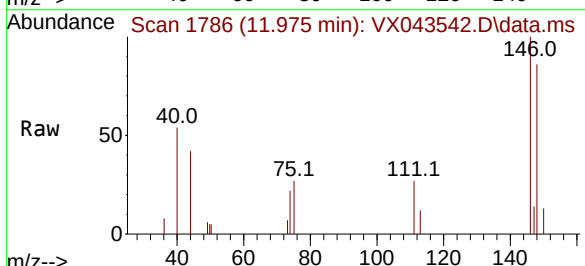
Tgt Ion:146 Resp: 1394

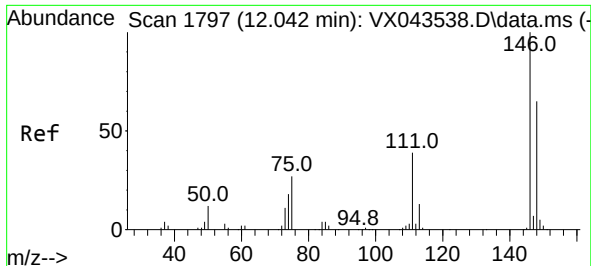
Ion Ratio Lower Upper

146 100

111 39.5 21.1 63.4

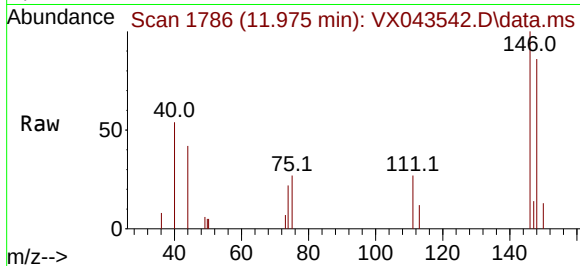
148 68.4 31.6 94.8



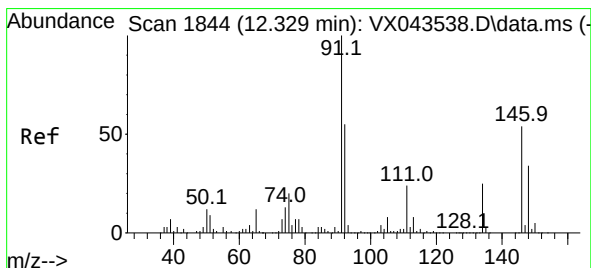
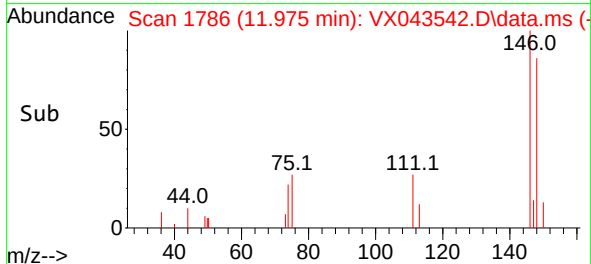
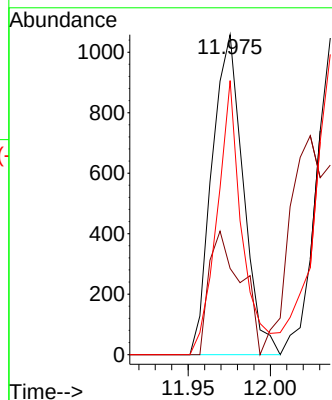


#88
1,4-Dichlorobenzene
Concen: 0.597 ug/l
RT: 11.975 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Instrument :
MSVOA_X
ClientSampleId :

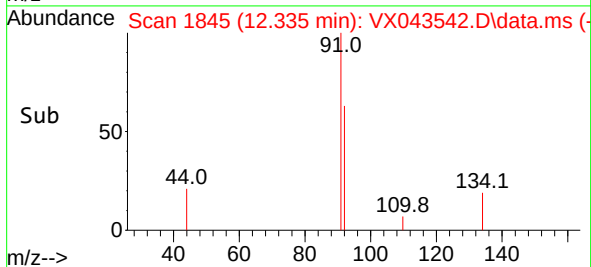
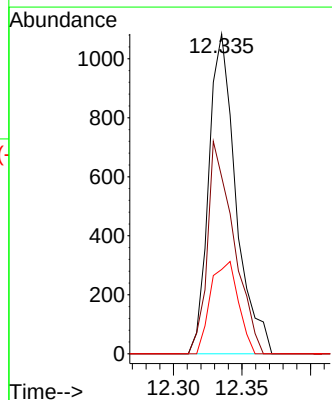
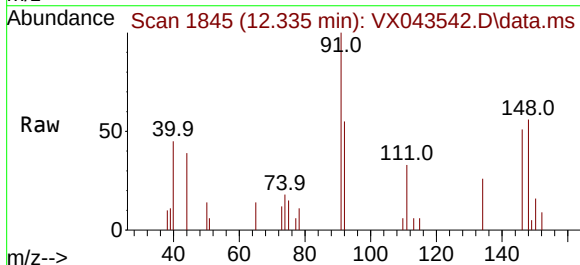


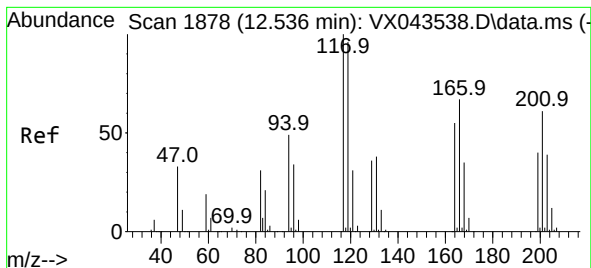
Tgt Ion:146 Resp: 1394
Ion Ratio Lower Upper
146 100
111 39.5 20.4 61.3
148 68.4 31.9 95.9



#89
n-Butylbenzene
Concen: 0.448 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Tgt Ion: 91 Resp: 1494
Ion Ratio Lower Upper
91 100
92 64.3 27.1 81.2
134 29.5 12.9 38.6





#90

Hexachloroethane

Concen: 0.202 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

Instrument :

MSVOA_X

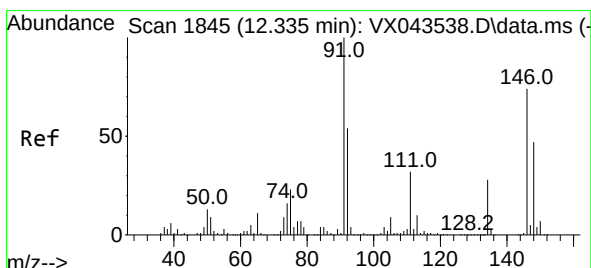
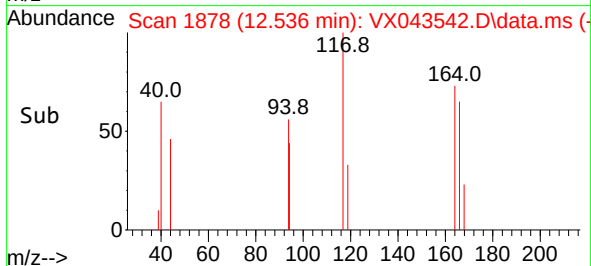
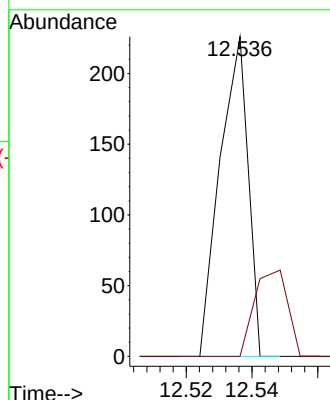
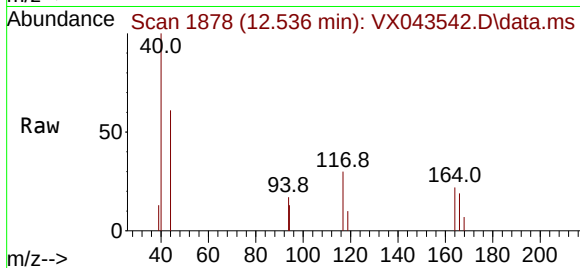
ClientSampleId :

Tgt Ion:117 Resp: 134

Ion Ratio Lower Upper

117 100

201 31.3 32.9 98.7#



#91

1,2-Dichlorobenzene

Concen: 0.447 ug/l

RT: 12.347 min Scan# 1847

Delta R.T. 0.012 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

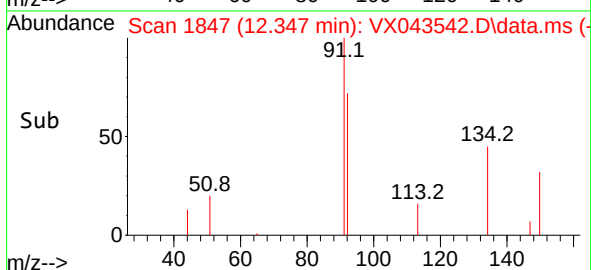
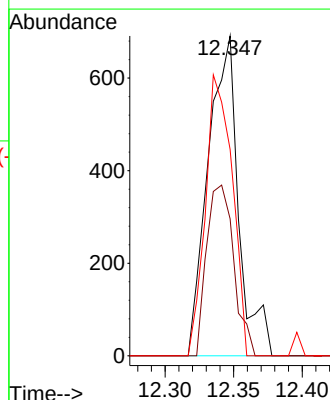
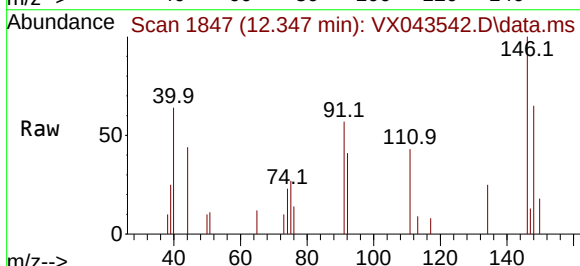
Tgt Ion:146 Resp: 1068

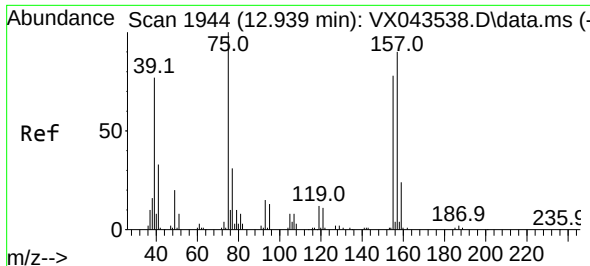
Ion Ratio Lower Upper

146 100

111 47.6 21.6 64.6

148 77.2 31.6 95.0

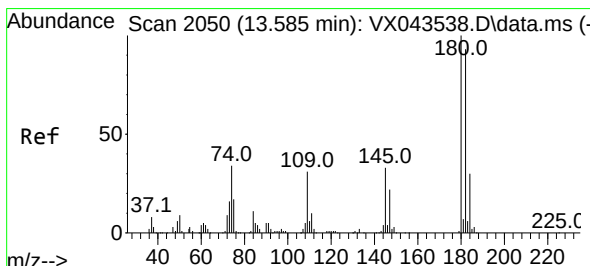
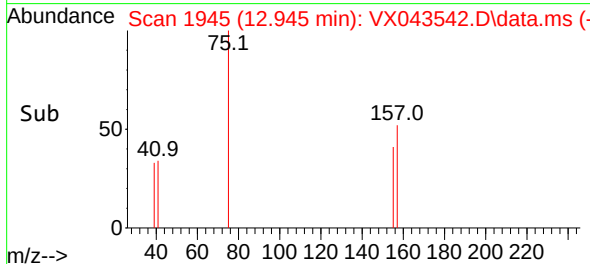
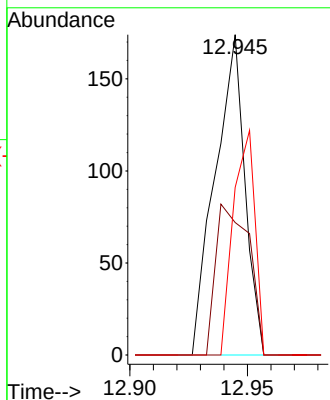
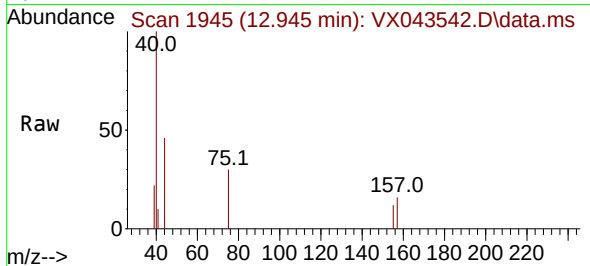




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.371 ug/l
RT: 12.945 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

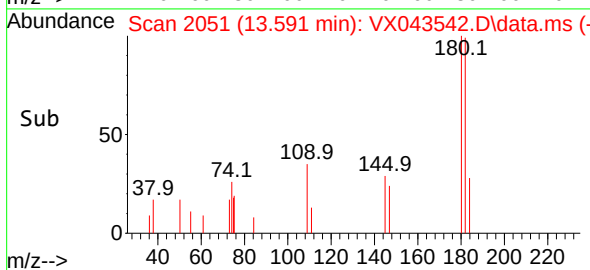
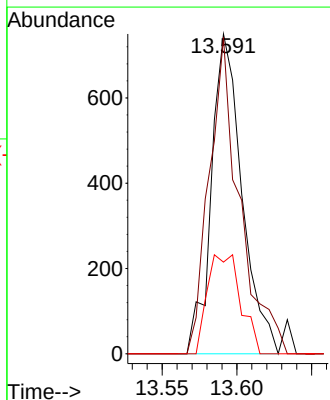
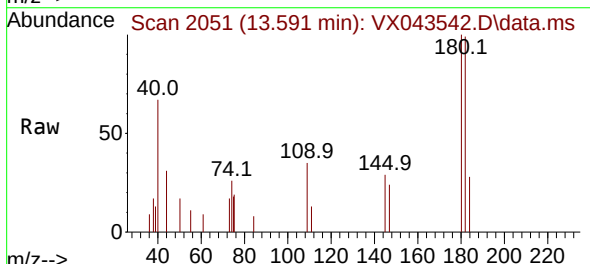
Instrument :
MSVOA_X
ClientSampleId :

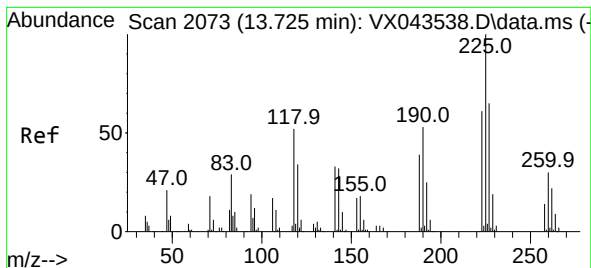
Tgt Ion: 75 Resp: 153
Ion Ratio Lower Upper
75 100
155 52.3 40.1 120.3
157 51.0 50.8 152.4



#93
1,2,4-Trichlorobenzene
Concen: 0.763 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX043542.D
Acq: 26 Oct 2024 02:07

Tgt Ion: 180 Resp: 1067
Ion Ratio Lower Upper
180 100
182 98.7 46.8 140.4
145 33.7 16.1 48.3





#94

Hexachlorobutadiene

Concen: 0.331 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX043542.D

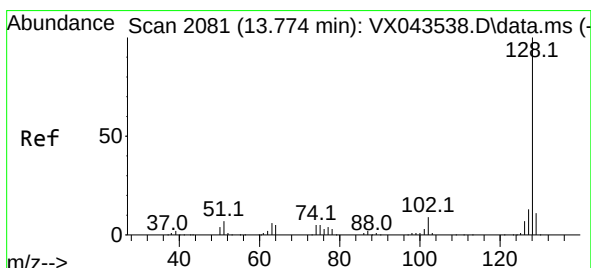
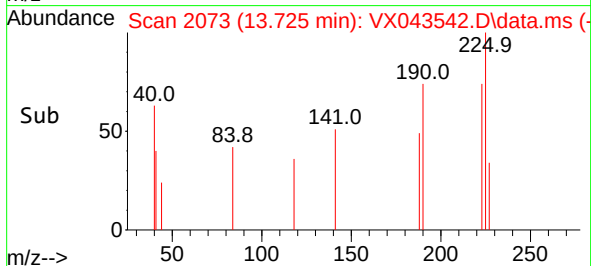
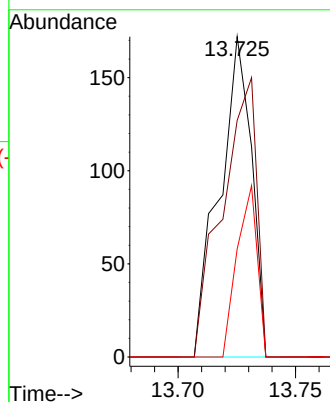
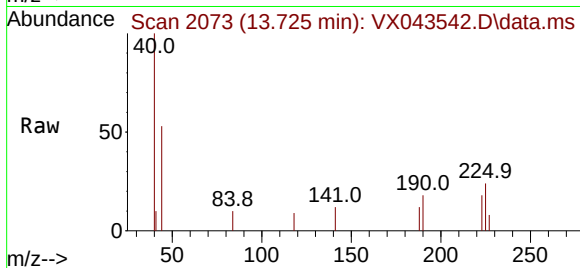
Acq: 26 Oct 2024 02:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	225	Resp:	164
Ion	Ratio	Lower	Upper
225	100		
223	93.3	30.8	92.4#
227	33.5	31.6	94.8



#95

Naphthalene

Concen: 0.831 ug/l

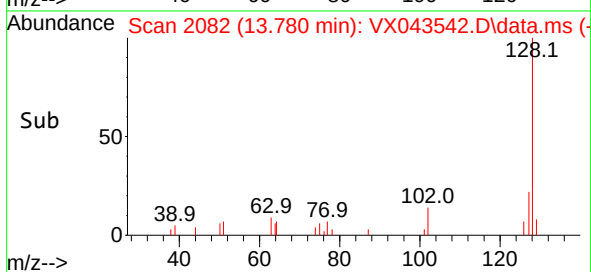
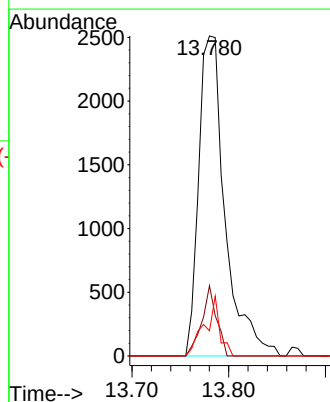
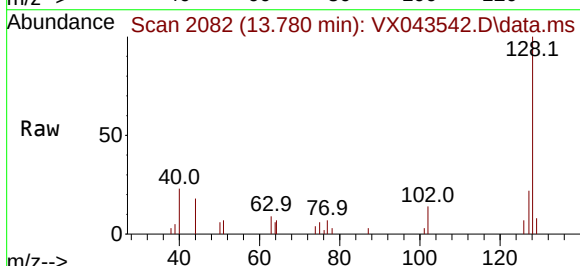
RT: 13.780 min Scan# 2082

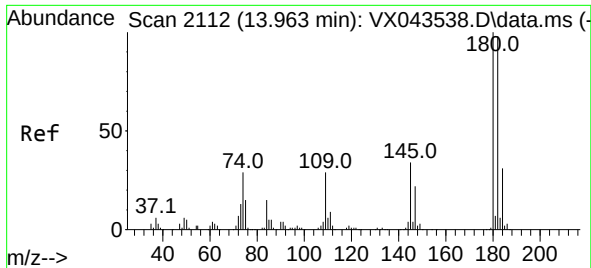
Delta R.T. 0.006 min

Lab File: VX043542.D

Acq: 26 Oct 2024 02:07

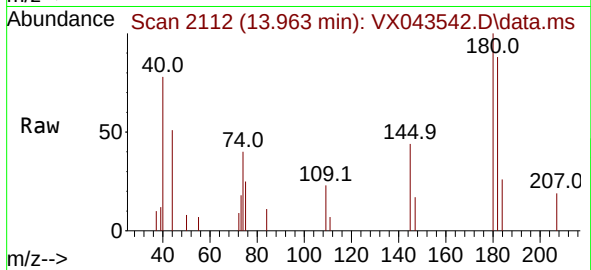
Tgt Ion:	128	Resp:	4772
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.4
129	10.5	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.773 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX043542.D
 Acq: 26 Oct 2024 02:07

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	1132
Ion	Ratio	Lower	Upper
180	100		
182	91.3	47.1	141.3
145	29.9	17.4	52.3

