

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042812.D
 Acq On : 01 Aug 2024 23:35
 Operator : JC/MD
 Sample : VX0801WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBL02

Quant Time: Aug 02 03:22:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	59138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	119066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52935	55.715	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.420%
35) Dibromofluoromethane	5.391	113	40789	49.590	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.180%
50) Toluene-d8	8.646	98	144705	48.469	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.940%
62) 4-Bromofluorobenzene	11.079	95	52328	47.961	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	282	0.301	ug/l	78
3) Chloromethane	1.294	50	289	Below Cal	#	43
4) Vinyl Chloride	1.373	62	175	0.239	ug/l #	43
5) Bromomethane	1.599	94	270	1.068	ug/l #	44
7) Trichlorofluoromethane	1.873	101	242	0.246	ug/l #	65
9) 1,1,2-Trichlorotrifluo...	2.331	101	235	0.316	ug/l #	69
10) Methyl Iodide	2.446	142	344	0.484	ug/l #	63
11) Tert butyl alcohol	2.995	59	280	Below Cal	#	78
12) 1,1-Dichloroethene	2.312	96	276	0.383	ug/l #	57
13) Acrolein	2.245	56	320	1.726	ug/l #	38
14) Allyl chloride	2.666	41	293	0.317	ug/l #	63
15) Acrylonitrile	3.093	53	410	1.051	ug/l #	63
16) Acetone	2.392	43	732	2.122	ug/l	95
17) Carbon Disulfide	2.501	76	1752	1.079	ug/l	96
18) Methyl Acetate	2.715	43	426	0.492	ug/l #	53
21) trans-1,2-Dichloroethene	3.087	96	411	0.553	ug/l	88
23) Vinyl Acetate	3.763	43	458	0.266	ug/l #	73
25) 2-Butanone	4.611	43	376	0.742	ug/l #	51
27) cis-1,2-Dichloroethene	4.489	96	259	0.298	ug/l #	20
29) Tetrahydrofuran	5.056	42	83	0.263	ug/l #	34
36) 1,1-Dichloropropene	5.684	75	376	0.352	ug/l #	56
38) Carbon Tetrachloride	5.549	117	7049	5.734	ug/l #	15
39) Methylcyclohexane	7.378	83	315	0.236	ug/l #	32
44) Trichloroethene	7.135	130	367	0.419	ug/l	79
51) 4-Methyl-2-Pentanone	8.579	43	516	0.457	ug/l #	69
59) 2-Hexanone	9.451	43	433	0.495	ug/l	87
64) Tetrachloroethene	9.274	164	397	0.505	ug/l #	82
65) Chlorobenzene	10.085	112	598	0.234	ug/l #	78
67) Ethyl Benzene	10.201	91	1070	0.249	ug/l #	71
68) m/p-Xylenes	10.305	106	823	0.500	ug/l	85
73) Isopropylbenzene	10.969	105	813	0.242	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	28081	28.001	ug/l #	38
77) Bromobenzene	11.207	156	342	0.411	ug/l	84
78) n-propylbenzene	11.305	91	1346	0.359	ug/l	91
79) 2-Chlorotoluene	11.366	91	864	0.355	ug/l	84
80) 1,3,5-Trimethylbenzene	11.451	105	747	0.260	ug/l	99

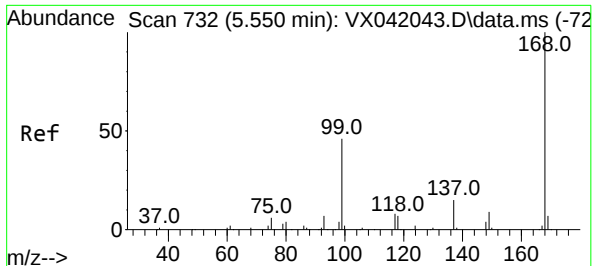
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
Data File : VX042812.D
Acq On : 01 Aug 2024 23:35
Operator : JC/MD
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Quant Time: Aug 02 03:22:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 01 16:40:12 2024
Response via : Initial Calibration

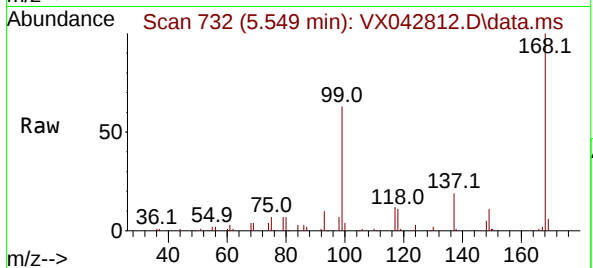
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	11.079	75	28081	82.875	ug/l #	5
82) 4-Chlorotoluene	11.457	91	1193	0.431	ug/l	97
83) tert-Butylbenzene	11.713	119	595	0.208	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	884	0.308	ug/l	93
85) sec-Butylbenzene	11.890	105	868	0.247	ug/l	96
86) p-Isopropyltoluene	12.012	119	862	0.291	ug/l #	80
87) 1,3-Dichlorobenzene	11.975	146	853	0.550	ug/l	98
88) 1,4-Dichlorobenzene	11.975	146	853	0.547	ug/l	99
89) n-Butylbenzene	12.335	91	1075	0.444	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	613	0.400	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	822	0.933	ug/l	81
94) Hexachlorobutadiene	13.719	225	219	0.573	ug/l #	73
95) Naphthalene	13.774	128	3896	1.159	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	995	1.099	ug/l	81

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

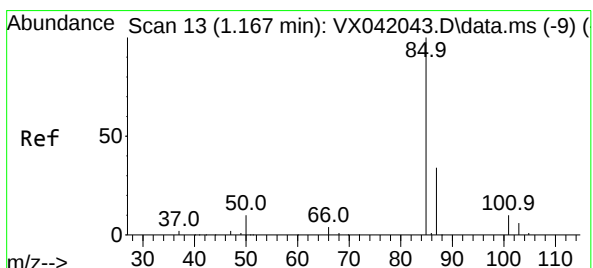
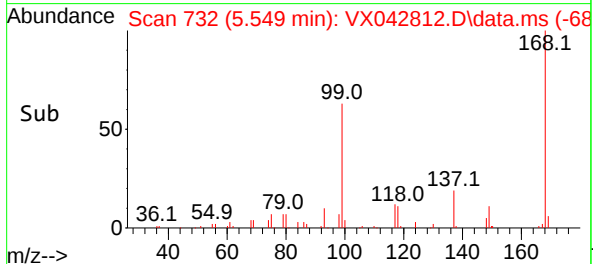
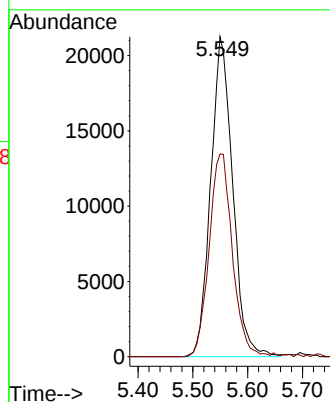


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL02

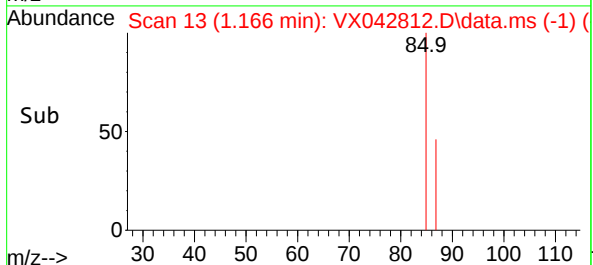
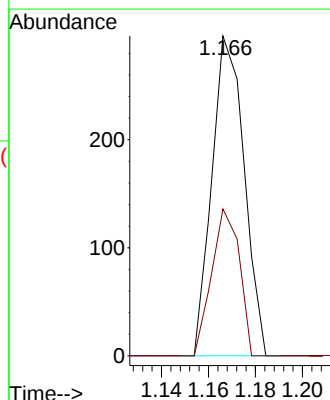
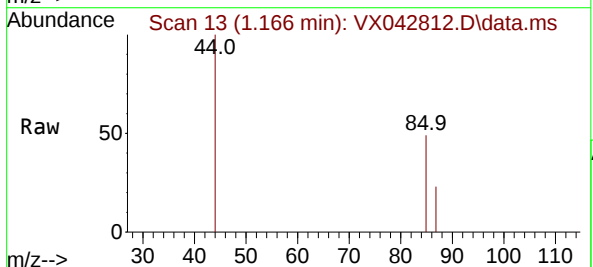


Tgt Ion:168 Resp: 59138
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0

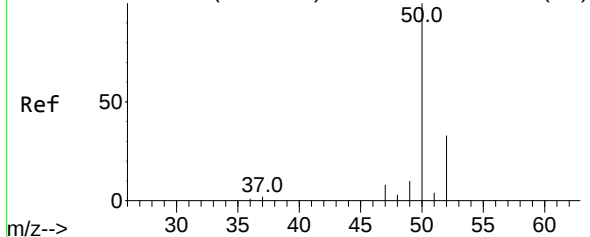


#2
Dichlorodifluoromethane
Concen: 0.301 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Tgt Ion: 85 Resp: 282
Ion Ratio Lower Upper
85 100
87 45.9 16.7 50.1



Abundance Scan 35 (1.301 min): VX042043.D\data.ms (-30)



#3

Chloromethane

Concen: Below Cal

RT: 1.294 min Scan# 34

Delta R.T. -0.013 min

Lab File: VX042812.D

Acq: 01 Aug 2024 23:35

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL02

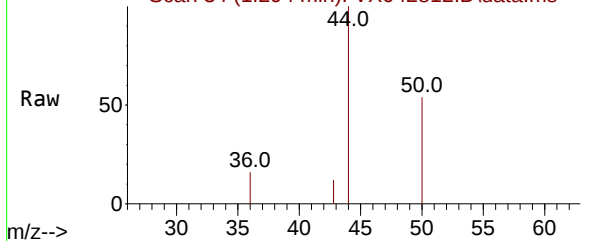
Tgt Ion: 50 Resp: 289

Ion Ratio Lower Upper

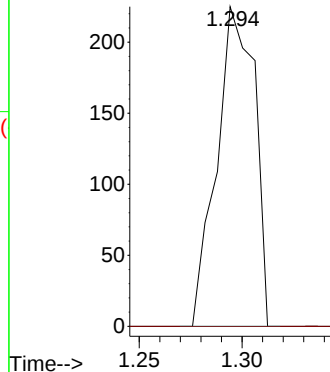
50 100

52 0.0 25.5 38.3#

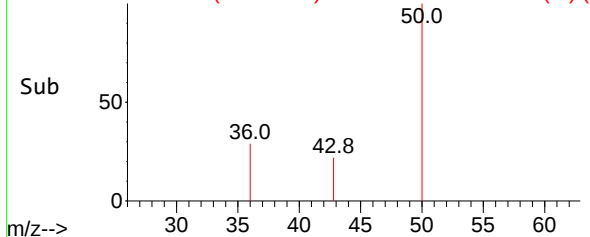
Abundance Scan 34 (1.294 min): VX042812.D\data.ms



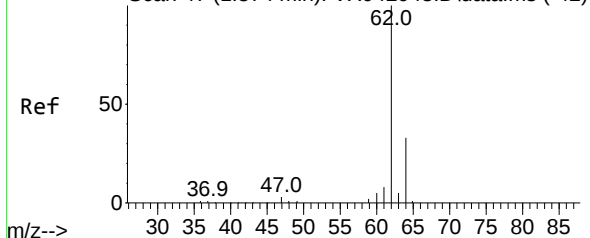
Abundance



Abundance Scan 34 (1.294 min): VX042812.D\data.ms (-1) (



Abundance Scan 47 (1.374 min): VX042043.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 0.239 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.001 min

Lab File: VX042812.D

Acq: 01 Aug 2024 23:35

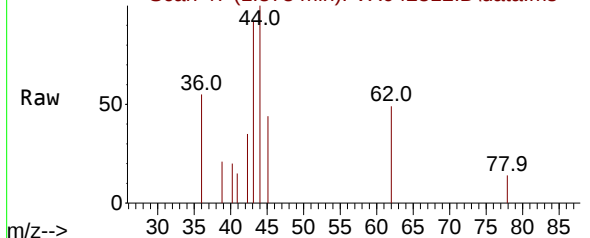
Tgt Ion: 62 Resp: 175

Ion Ratio Lower Upper

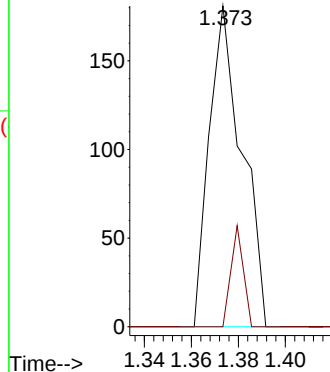
62 100

64 0.0 25.4 38.0#

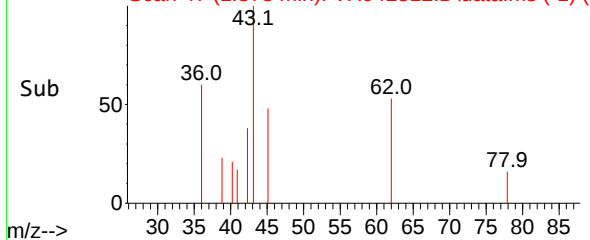
Abundance Scan 47 (1.373 min): VX042812.D\data.ms

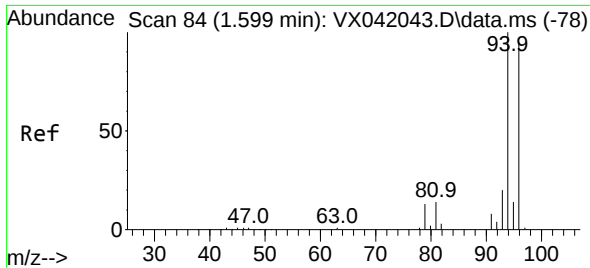


Abundance



Abundance Scan 47 (1.373 min): VX042812.D\data.ms (-1) (

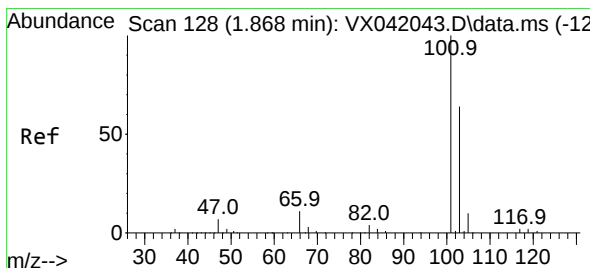
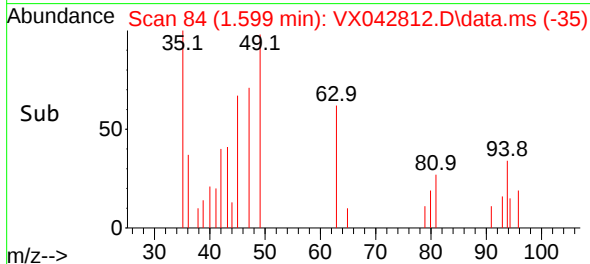
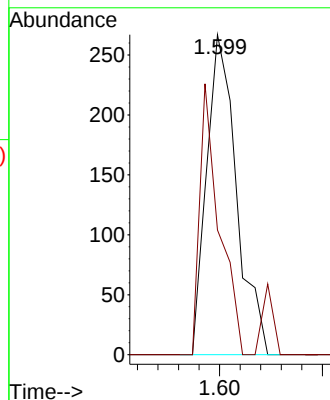
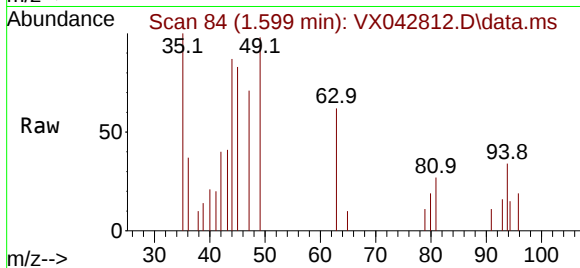




#5
Bromomethane
Concen: 1.068 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

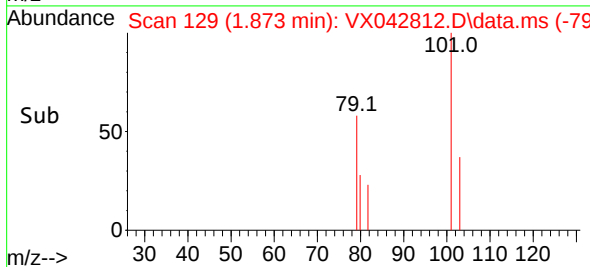
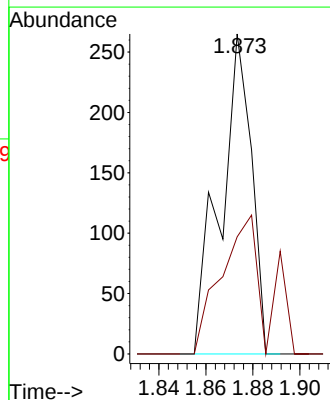
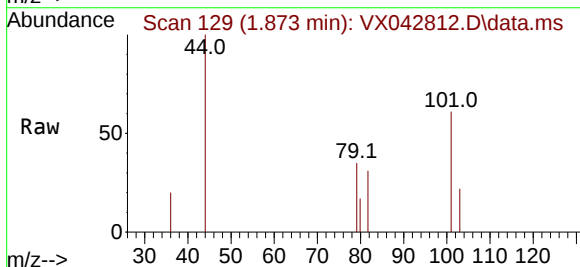
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL02

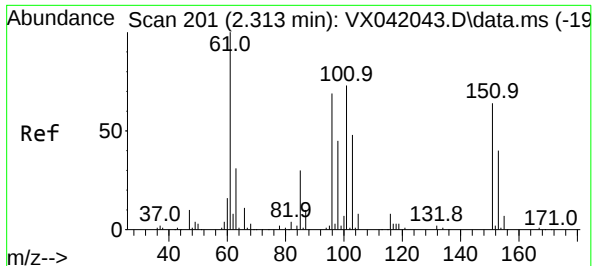
Tgt Ion: 94 Resp: 270
Ion Ratio Lower Upper
94 100
96 39.0 74.6 111.8#



#7
Trichlorofluoromethane
Concen: 0.246 ug/l
RT: 1.873 min Scan# 129
Delta R.T. 0.006 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Tgt Ion:101 Resp: 242
Ion Ratio Lower Upper
101 100
103 36.6 51.4 77.2#

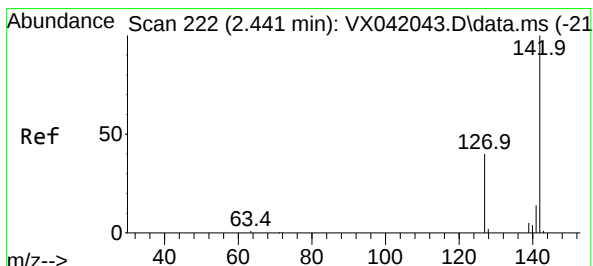
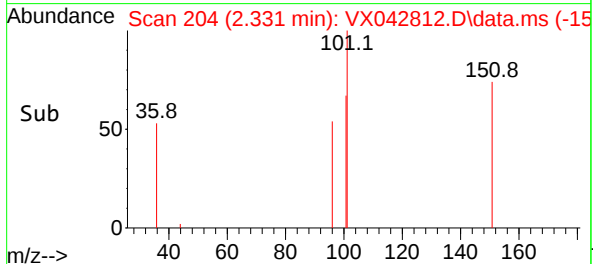
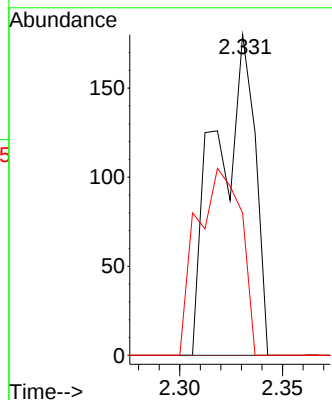
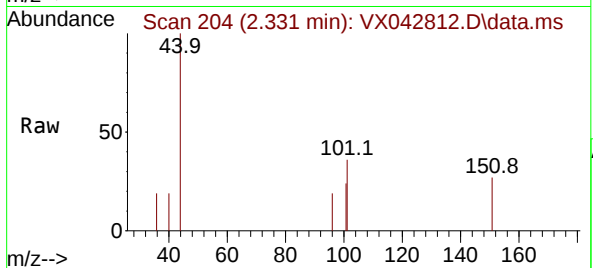




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.316 ug/l
RT: 2.331 min Scan# 201
Delta R.T. 0.019 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

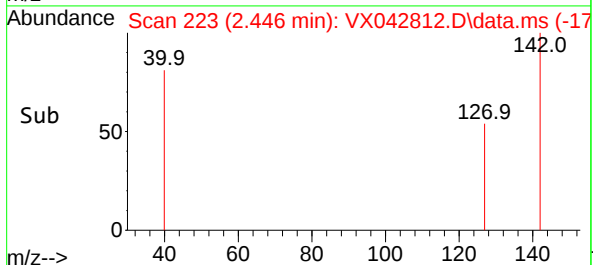
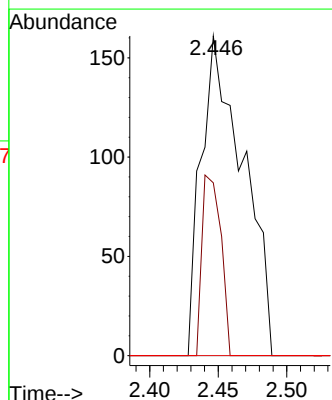
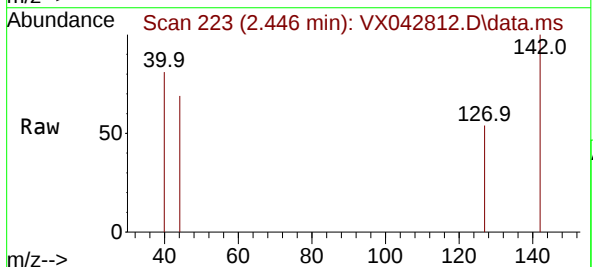
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL02

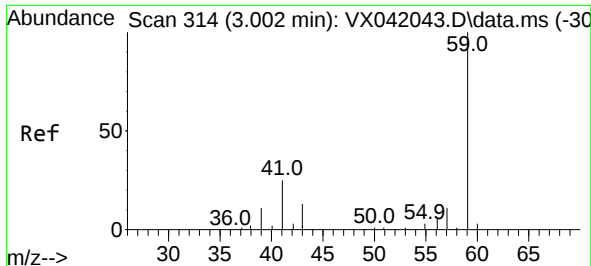
Tgt Ion:101 Resp: 235
Ion Ratio Lower Upper
101 100
85 0.0 37.0 55.6#
151 67.2 58.6 87.8



#10
Methyl Iodide
Concen: 0.484 ug/l
RT: 2.446 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Tgt Ion:142 Resp: 344
Ion Ratio Lower Upper
142 100
127 25.3 41.6 62.4#
141 0.0 11.6 17.4#

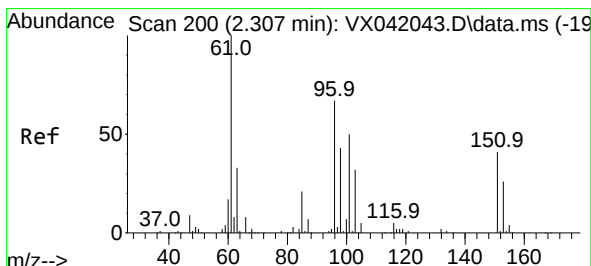
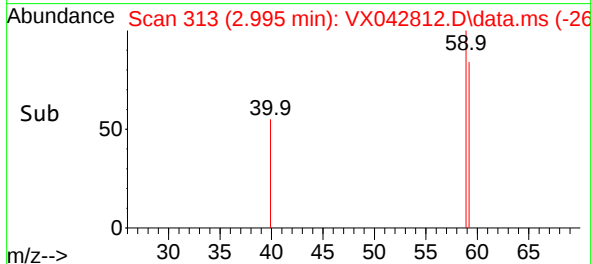
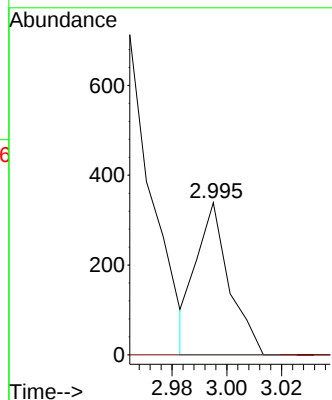
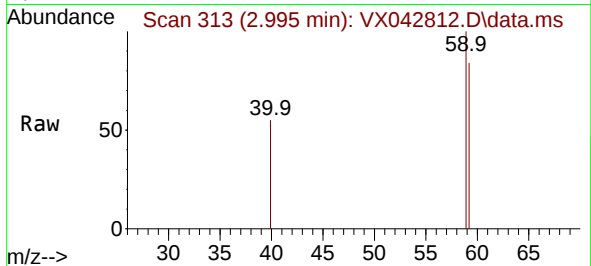




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.995 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

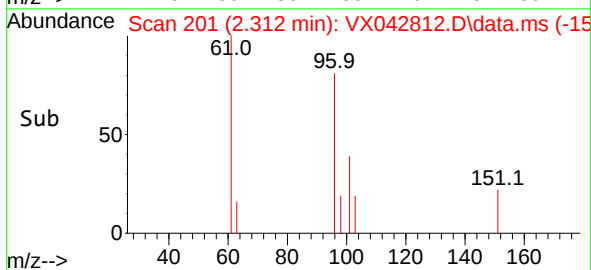
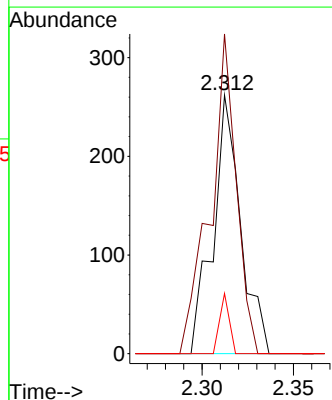
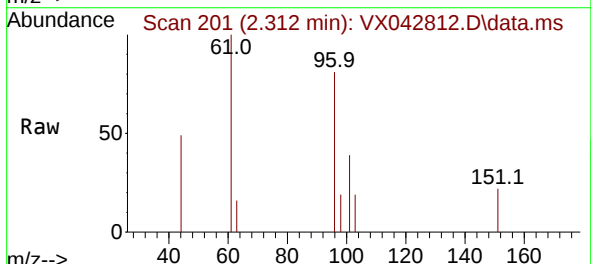
Instrument :
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VX0801WBL02

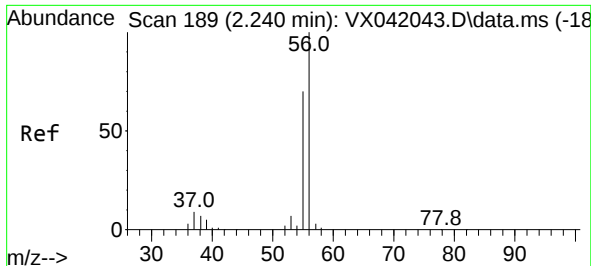
Tgt Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.383 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Tgt Ion: 96 Resp: 276
Ion Ratio Lower Upper
96 100
61 123.7 144.6 216.8#
98 23.3 50.4 75.6#





#13

Acrolein

Concen: 1.726 ug/l

RT: 2.245 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX042812.D

Acq: 01 Aug 2024 23:35

Instrument :

MSVOA_X

ClientSampleId :

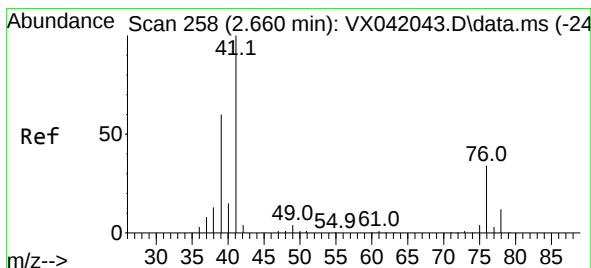
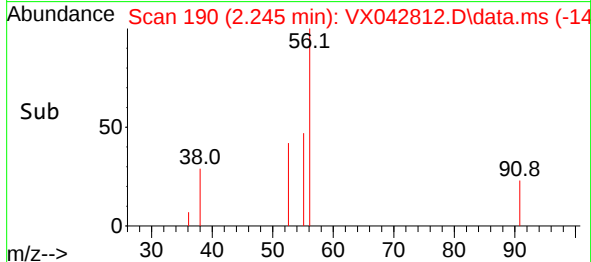
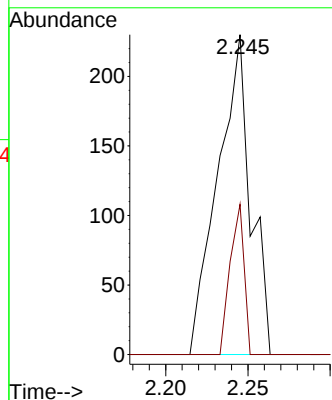
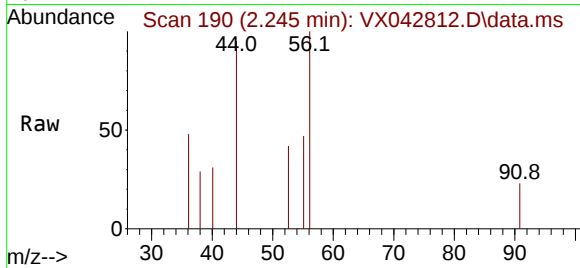
VX0801WBL02

Tgt Ion: 56 Resp: 320

Ion Ratio Lower Upper

56 100

55 20.0 57.1 85.7#



#14

Allyl chloride

Concen: 0.317 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX042812.D

Acq: 01 Aug 2024 23:35

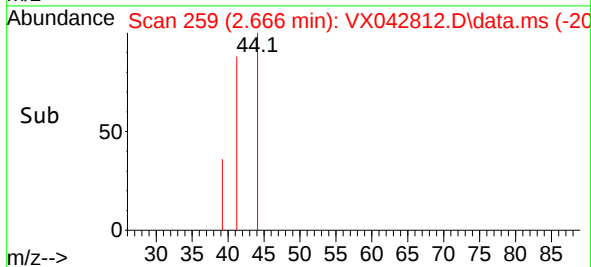
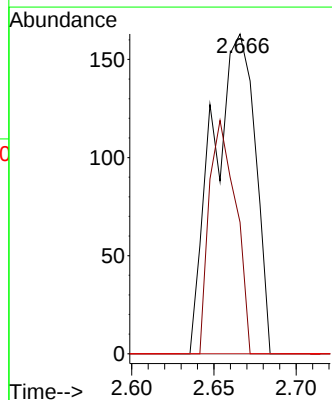
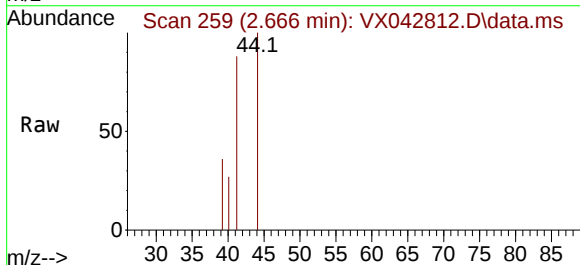
Tgt Ion: 41 Resp: 293

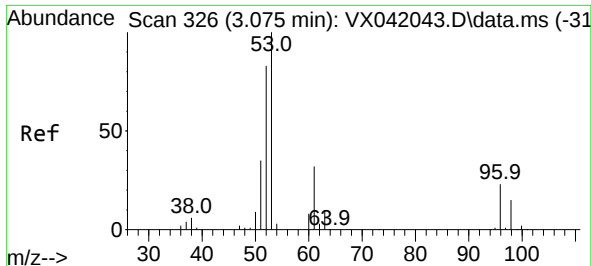
Ion Ratio Lower Upper

41 100

39 45.7 55.8 83.6#

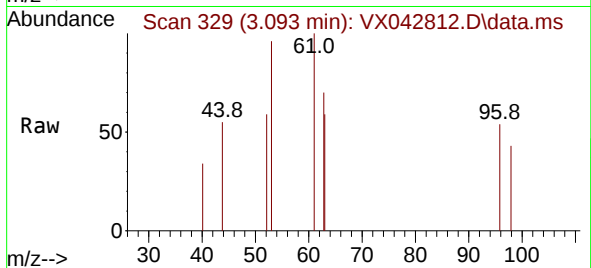
76 0.0 24.3 36.5#



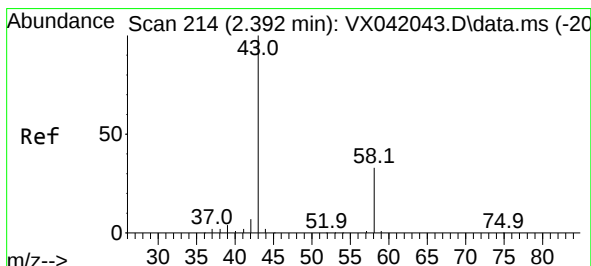
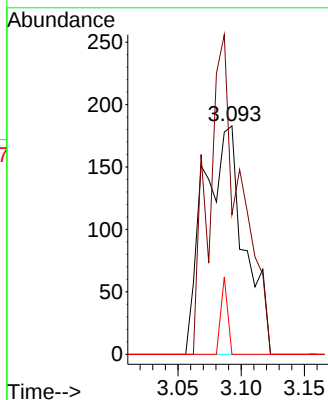
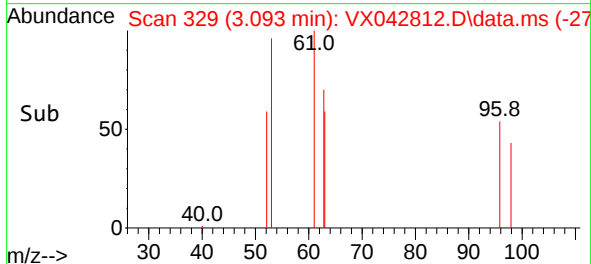


#15
Acrylonitrile
Concen: 1.051 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

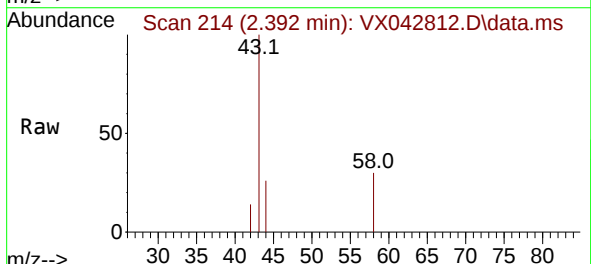
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL02



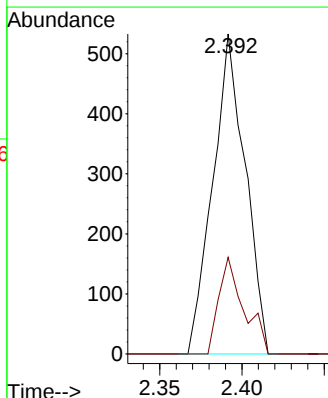
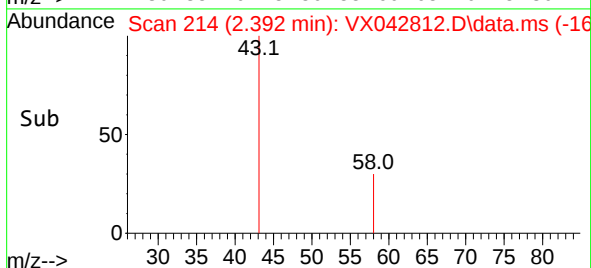
Tgt Ion: 53 Resp: 410
Ion Ratio Lower Upper
53 100
52 109.8 66.0 99.0#
51 5.6 29.8 44.6#

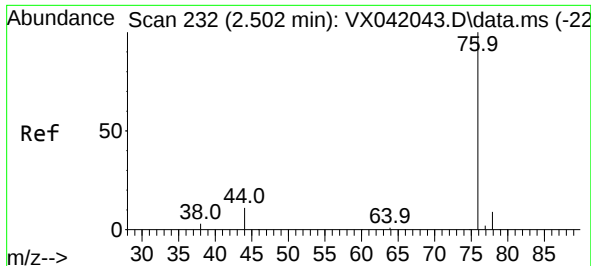


#16
Acetone
Concen: 2.122 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35



Tgt Ion: 43 Resp: 732
Ion Ratio Lower Upper
43 100
58 30.2 21.9 32.9

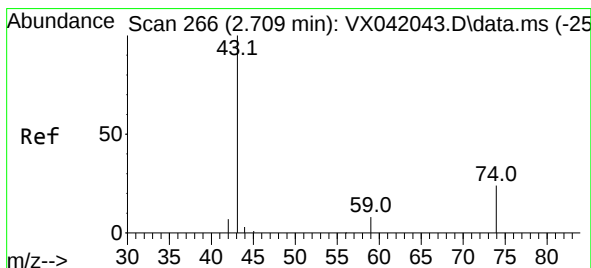
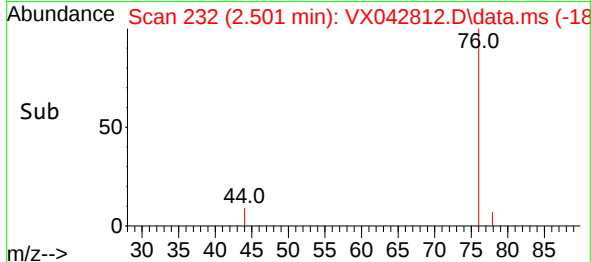
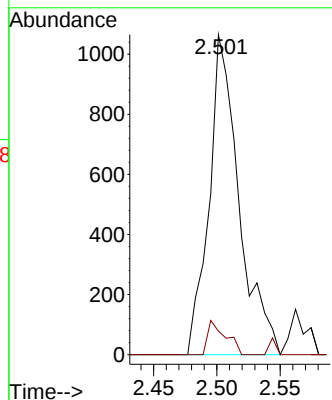
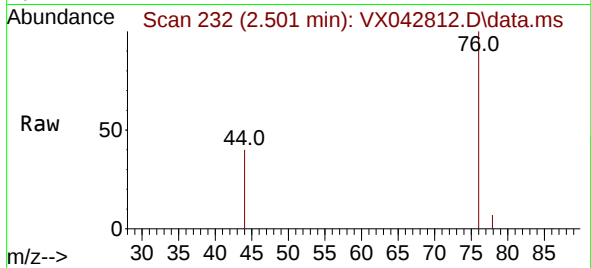




#17
Carbon Disulfide
Concen: 1.079 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

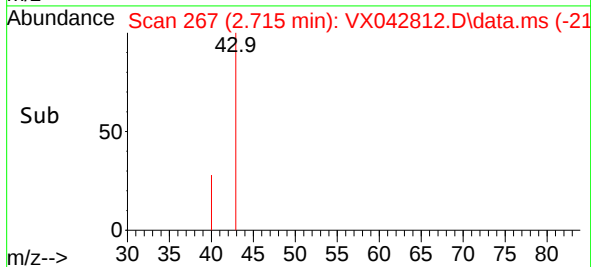
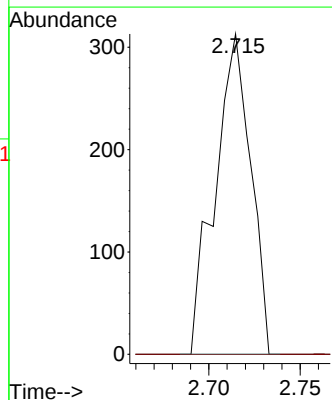
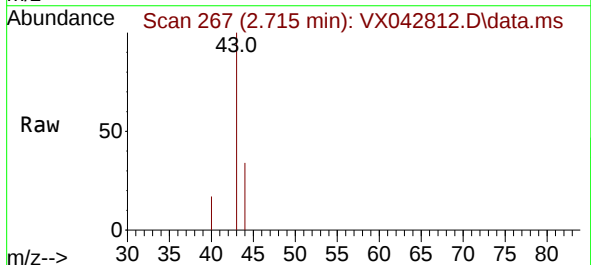
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL02

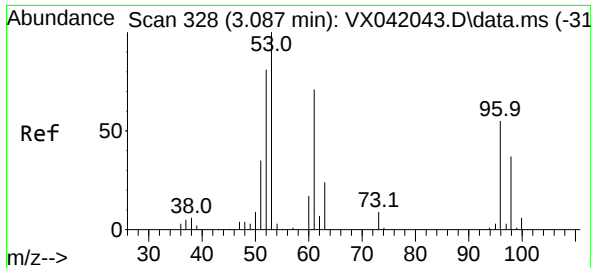
Tgt Ion: 76 Resp: 1752
Ion Ratio Lower Upper
76 100
78 7.3 7.0 10.6



#18
Methyl Acetate
Concen: 0.492 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#

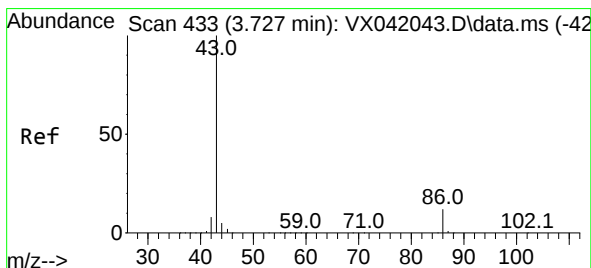
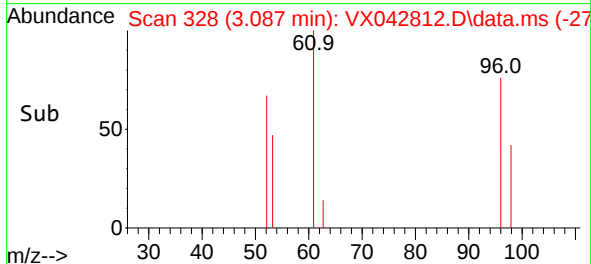
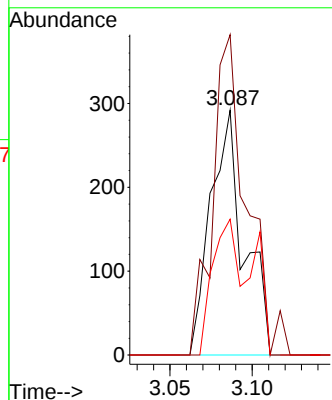
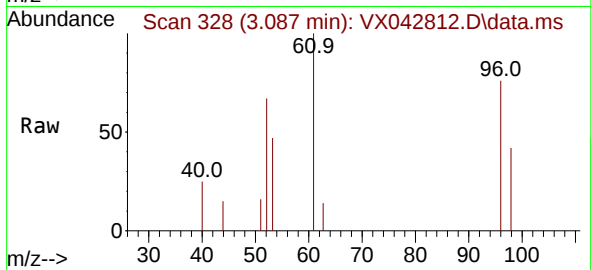




#21
trans-1,2-Dichloroethene
Concen: 0.553 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

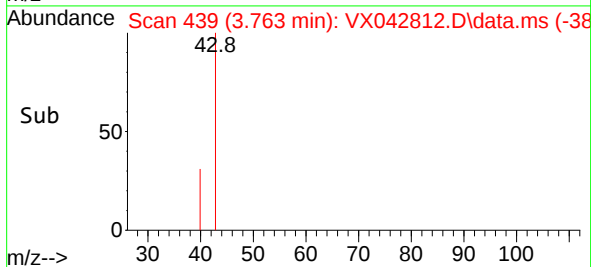
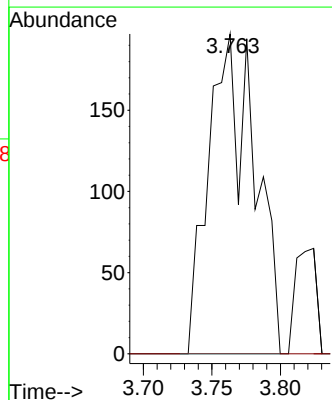
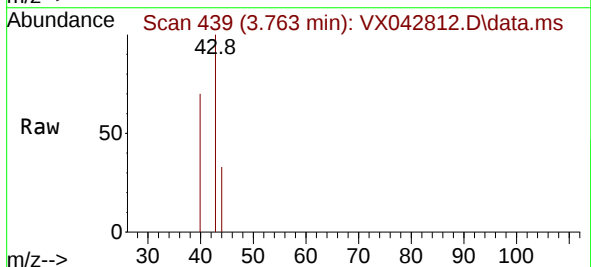
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL02

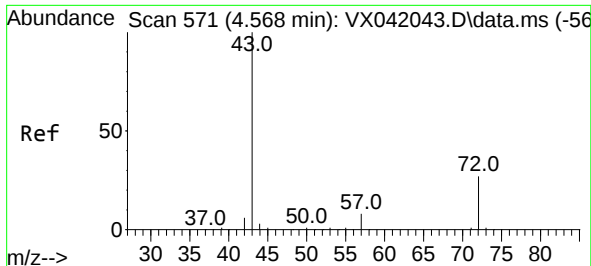
Tgt Ion: 96 Resp: 411
Ion Ratio Lower Upper
96 100
61 130.8 119.2 178.8
98 55.5 48.7 73.1



#23
Vinyl Acetate
Concen: 0.266 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.036 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.8#

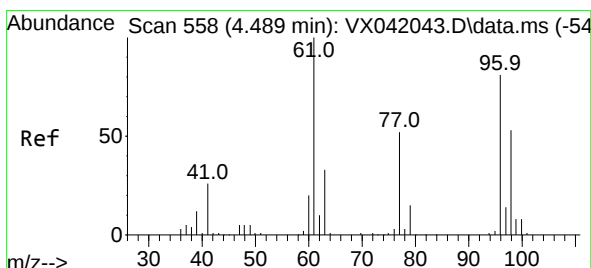
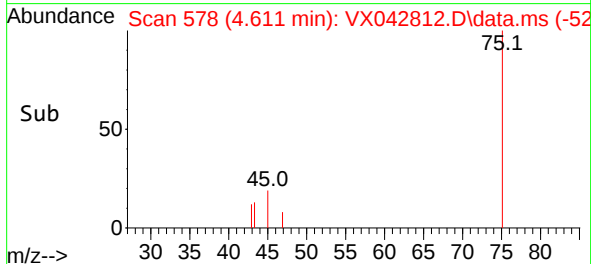
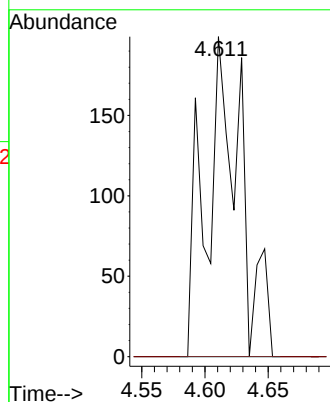
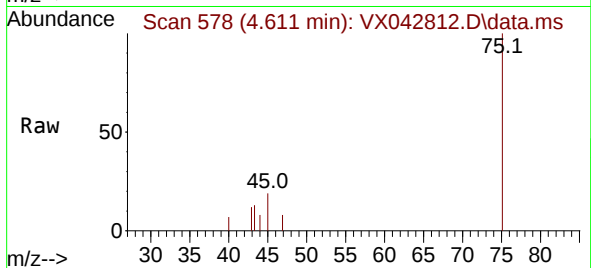




#25
2-Butanone
Concen: 0.742 ug/l
RT: 4.611 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

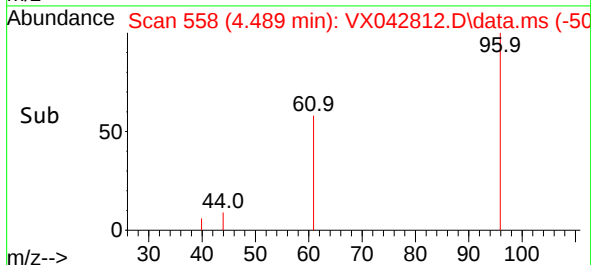
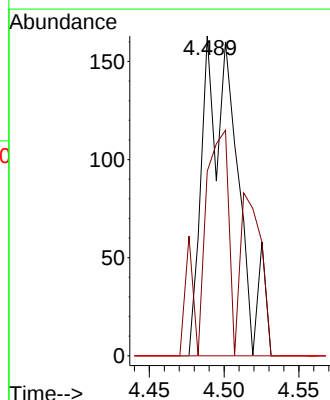
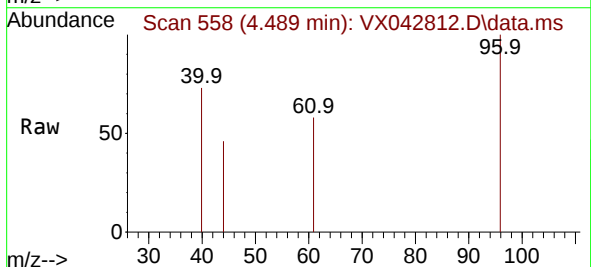
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL02

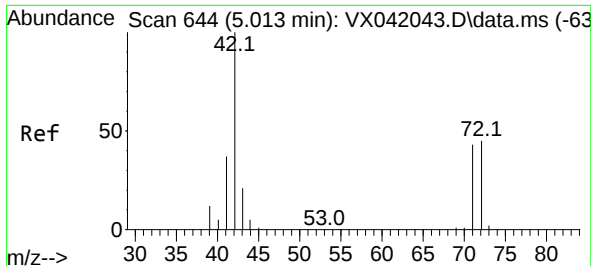
Tgt Ion: 43 Resp: 376
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 0.298 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Tgt Ion: 96 Resp: 259
Ion Ratio Lower Upper
96 100
61 53.3 0.0 312.2
98 0.0 0.0 129.0





#29

Tetrahydrofuran

Concen: 0.263 ug/l

RT: 5.056 min Scan# 61

Delta R.T. 0.037 min

Lab File: VX042812.D

Acq: 01 Aug 2024 23:35

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL02

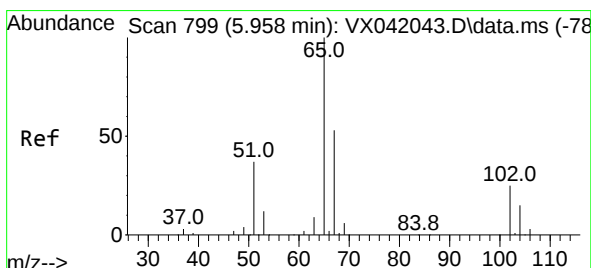
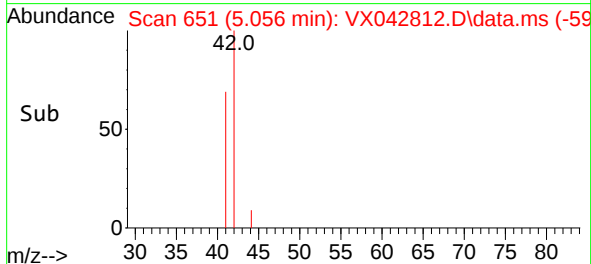
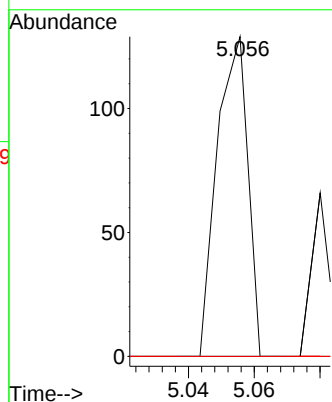
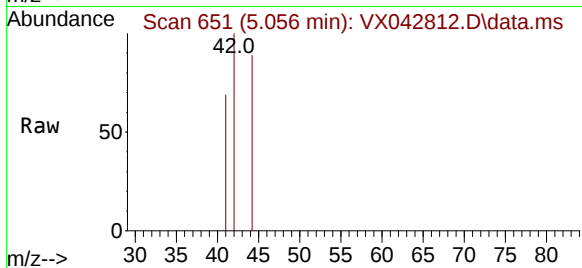
Tgt Ion: 42 Resp: 83

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#33

1,2-Dichloroethane-d4

Concen: 55.715 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX042812.D

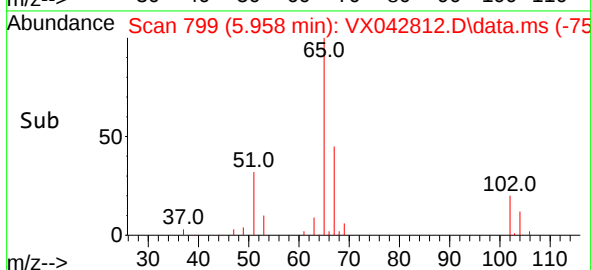
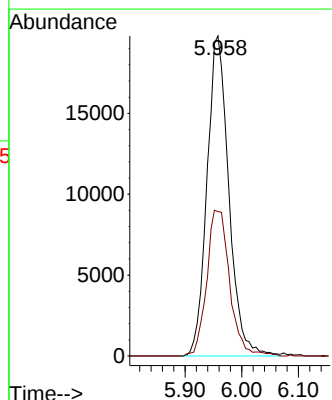
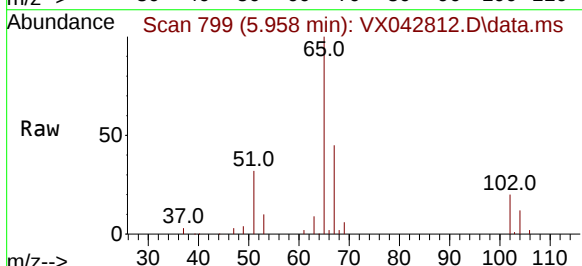
Acq: 01 Aug 2024 23:35

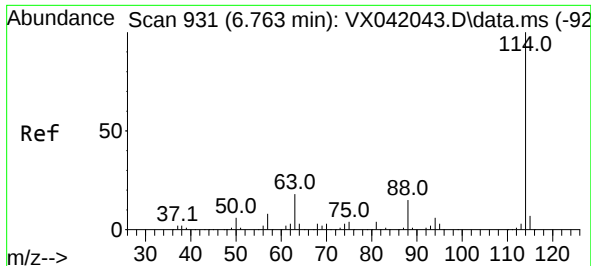
Tgt Ion: 65 Resp: 52935

Ion Ratio Lower Upper

65 100

67 47.8 0.0 100.2

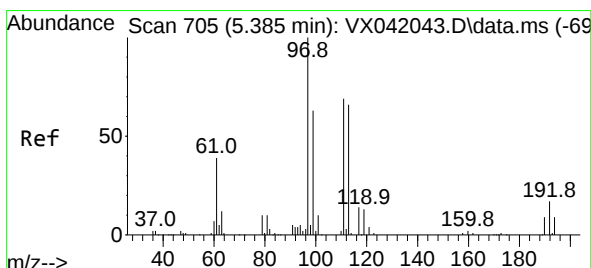
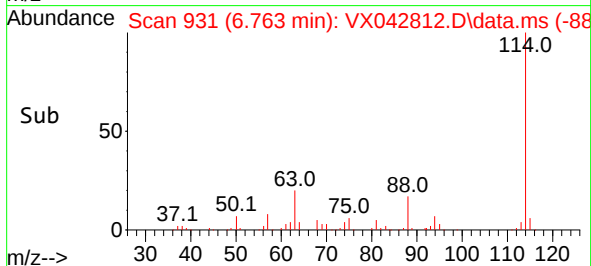
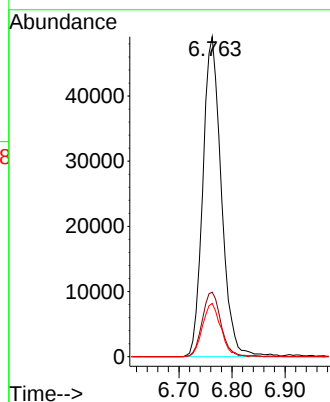
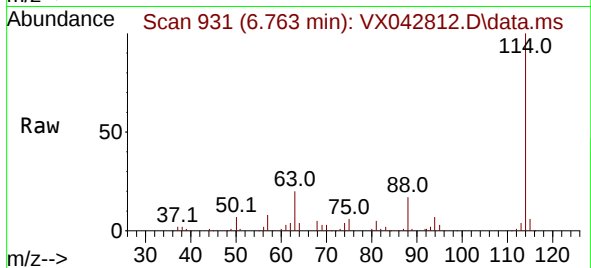




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

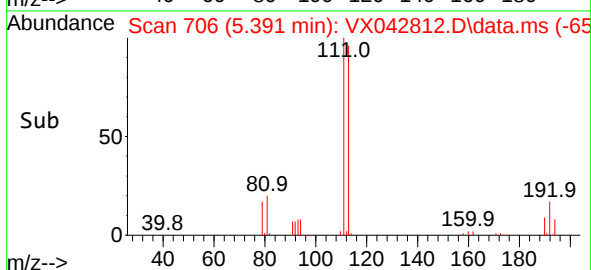
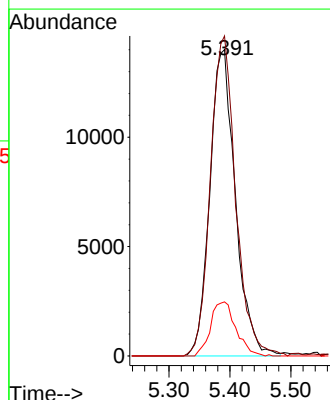
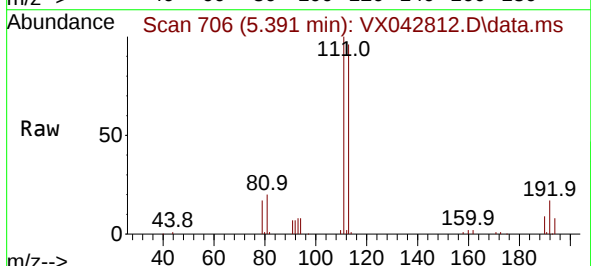
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL02

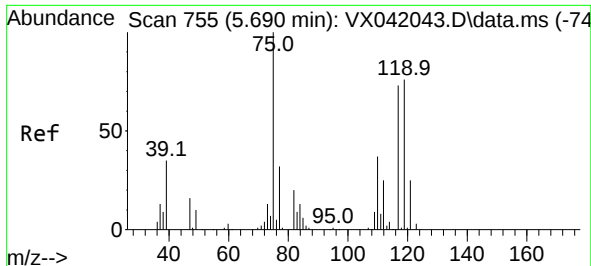
Tgt Ion:114 Resp: 119066
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.590 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Tgt Ion:113 Resp: 40789
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 17.5 13.3 19.9

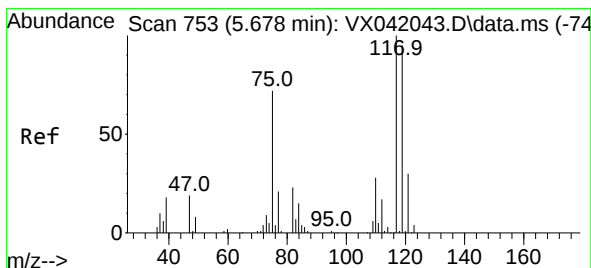
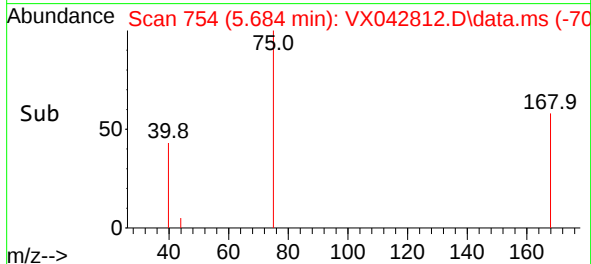
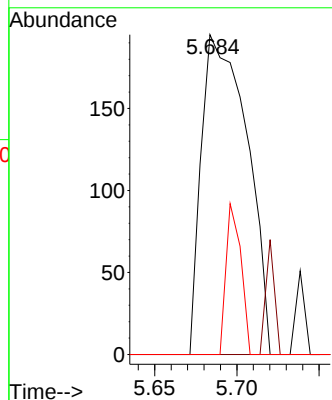
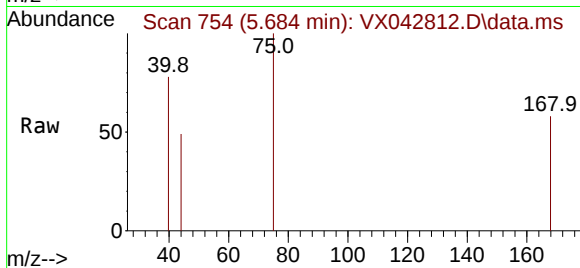




#36
1,1-Dichloropropene
Concen: 0.352 ug/l
RT: 5.684 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

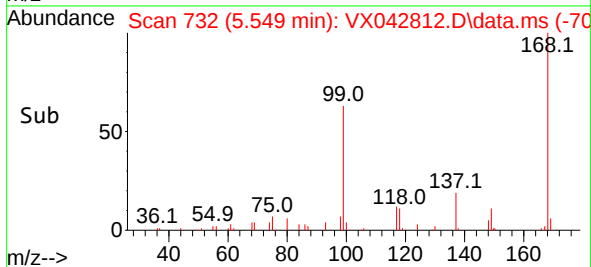
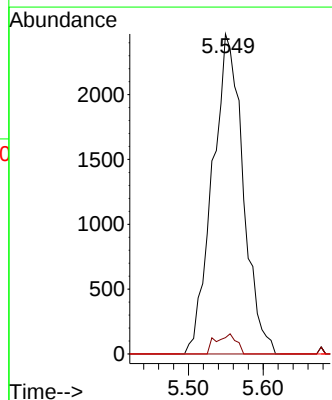
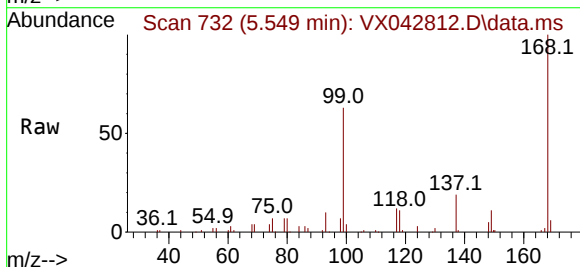
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL02

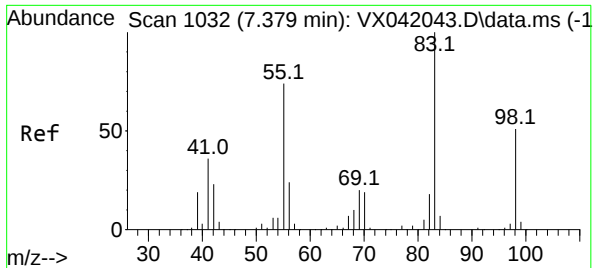
Tgt Ion: 75 Resp: 376
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 15.4 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.734 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.129 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Tgt Ion: 117 Resp: 7049
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#

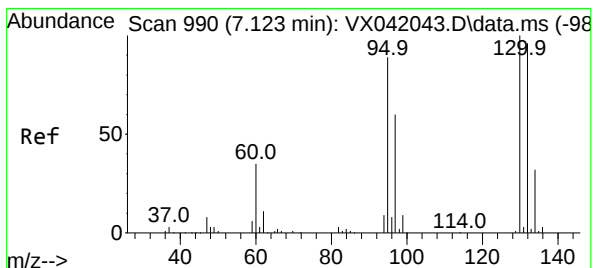
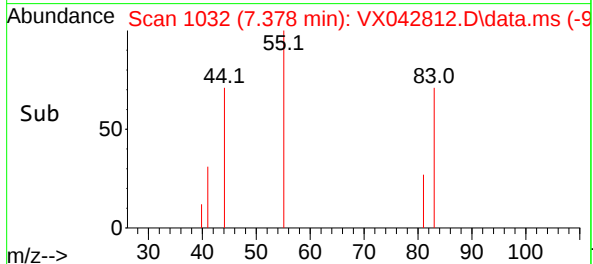
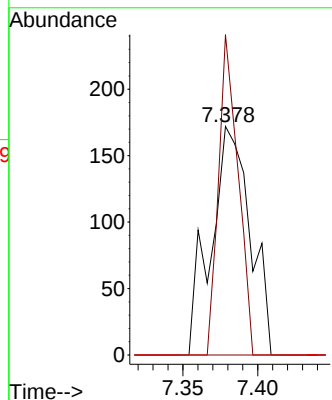
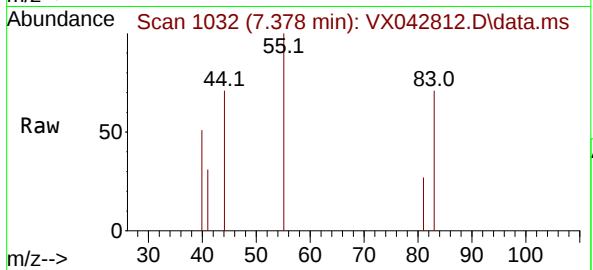




#39
Methylcyclohexane
Concen: 0.236 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.001 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

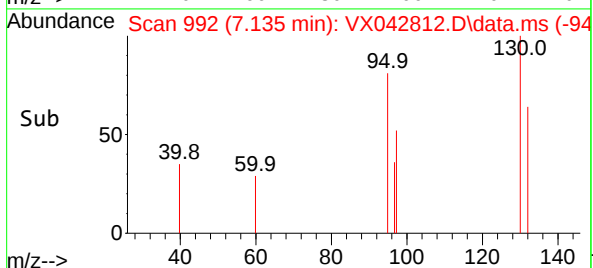
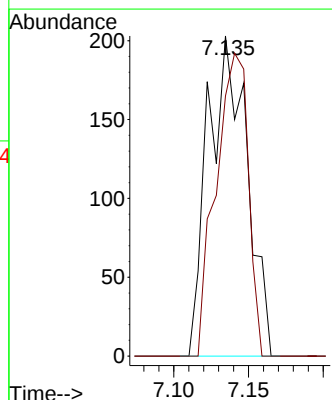
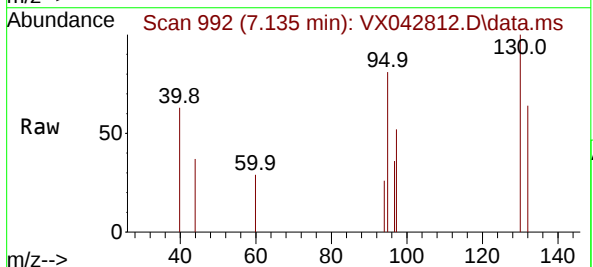
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL02

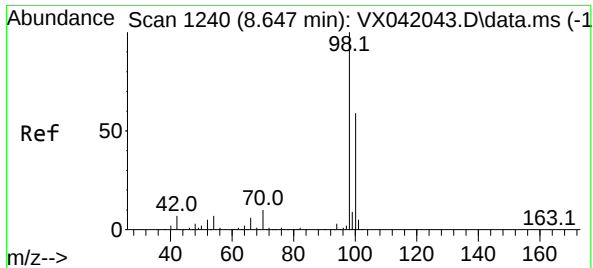
Tgt Ion: 83 Resp: 315
Ion Ratio Lower Upper
83 100
55 140.1 64.6 97.0#
98 0.0 36.7 55.1#



#44
Trichloroethene
Concen: 0.419 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Tgt Ion: 130 Resp: 367
Ion Ratio Lower Upper
130 100
95 81.3 0.0 204.4

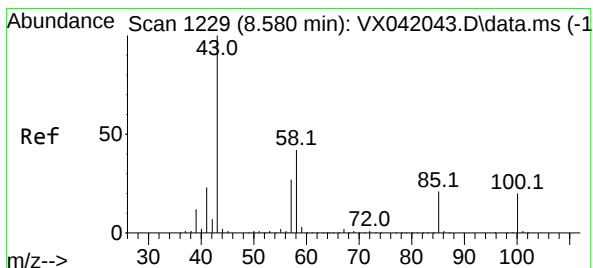
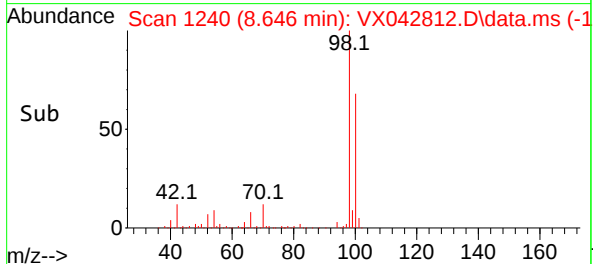
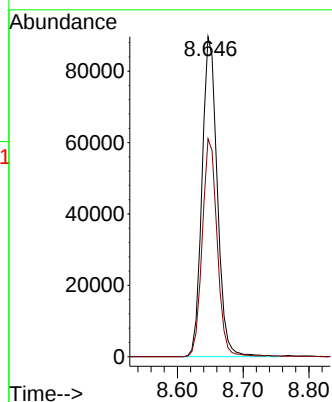
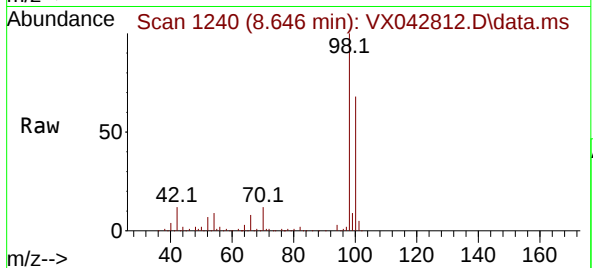




#50
Toluene-d8
Concen: 48.469 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

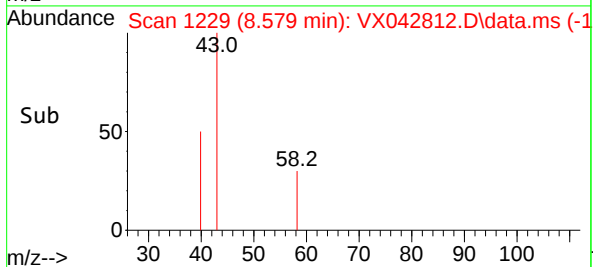
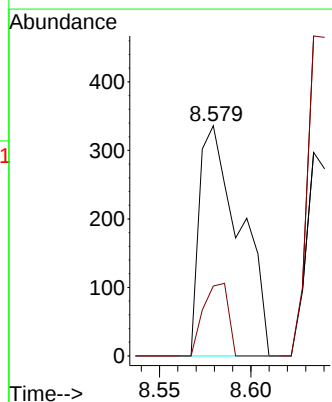
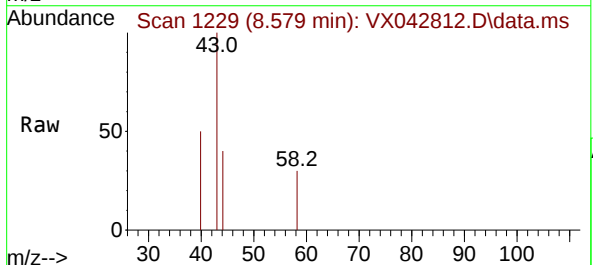
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL02

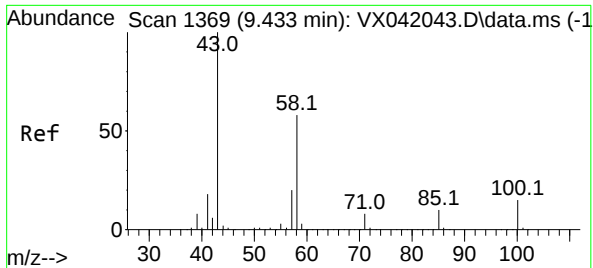
Tgt Ion: 98 Resp: 144705
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.457 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. -0.001 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Tgt Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
58 19.6 30.4 45.6#

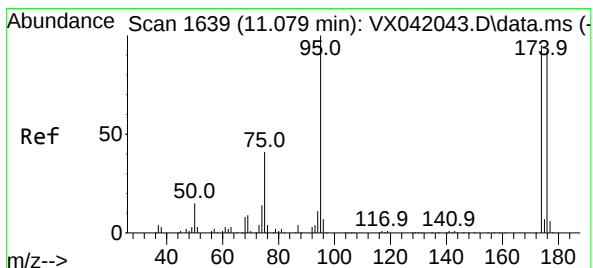
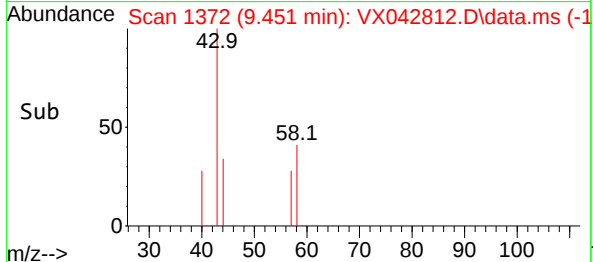
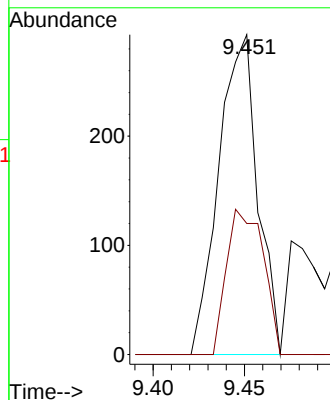
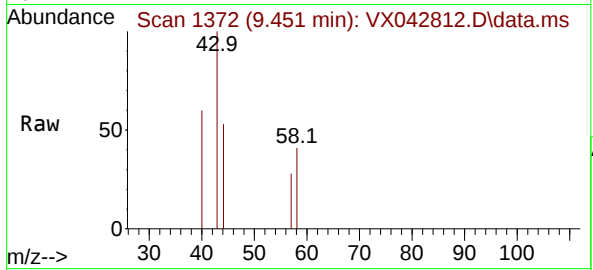




#59
2-Hexanone
Concen: 0.495 ug/l
RT: 9.451 min Scan# 1372
Delta R.T. 0.018 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

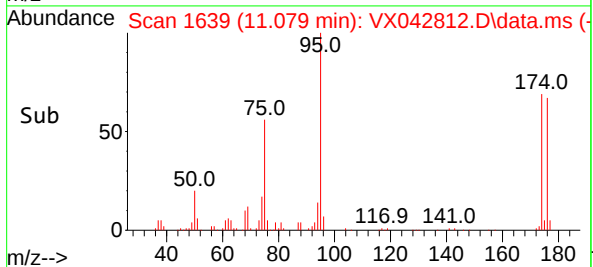
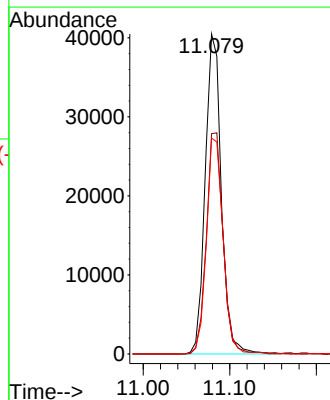
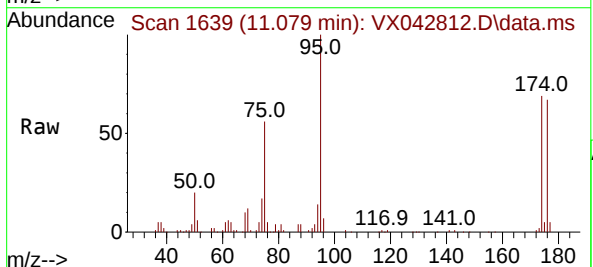
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL02

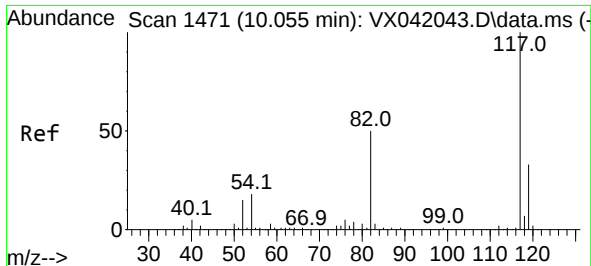
Tgt Ion: 43 Resp: 433
Ion Ratio Lower Upper
43 100
58 43.0 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 47.961 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Tgt Ion: 95 Resp: 52328
Ion Ratio Lower Upper
95 100
174 72.1 0.0 135.6
176 69.7 0.0 131.0

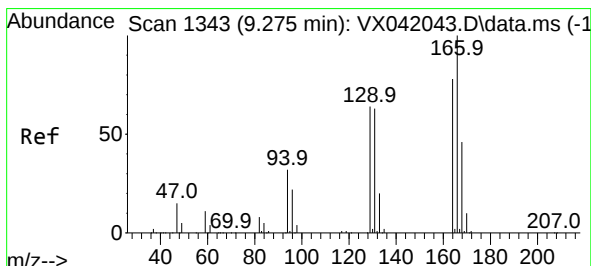
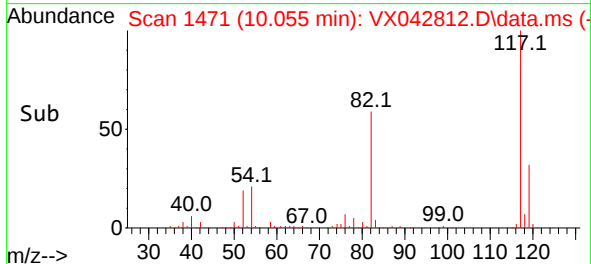
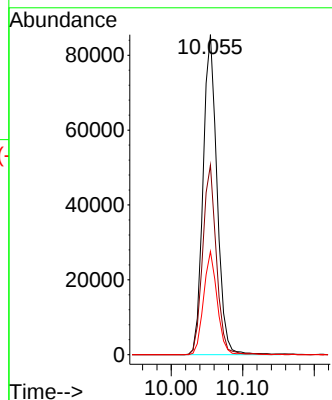
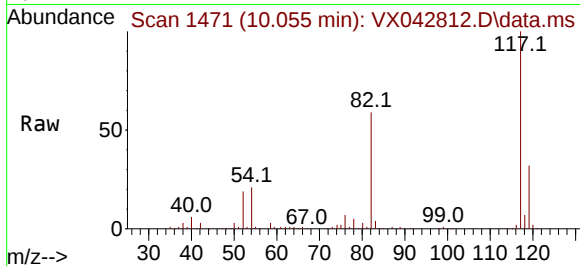




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

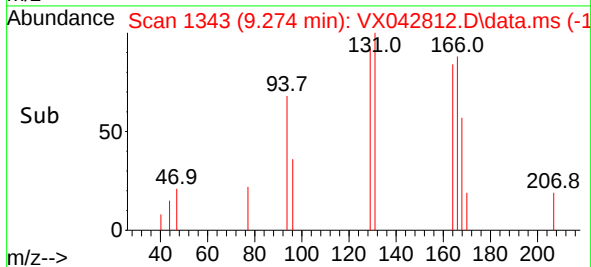
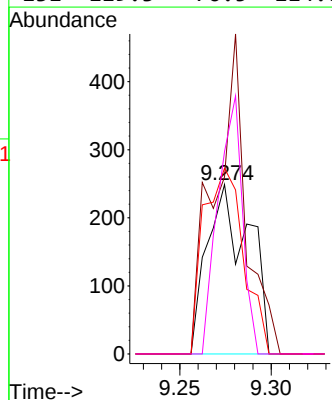
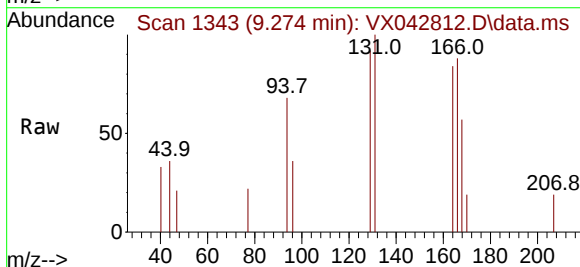
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL02

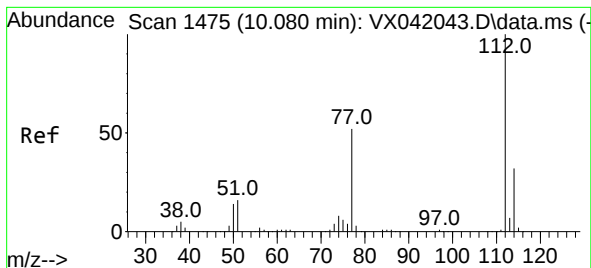
Tgt Ion:117 Resp: 115961
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 0.505 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Tgt Ion:164 Resp: 397
Ion Ratio Lower Upper
164 100
166 104.4 102.7 154.1
129 109.6 80.4 120.6
131 119.3 76.5 114.7#





#65

Chlorobenzene

Concen: 0.234 ug/l

RT: 10.085 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VX042812.D

Acq: 01 Aug 2024 23:35

Instrument :

MSVOA_X

ClientSampleId :

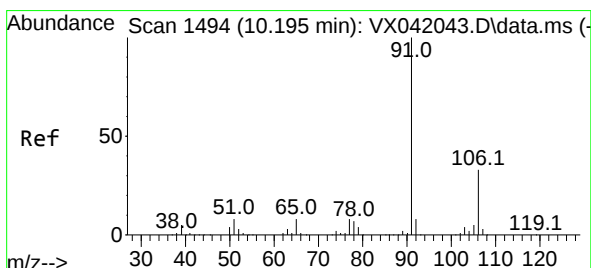
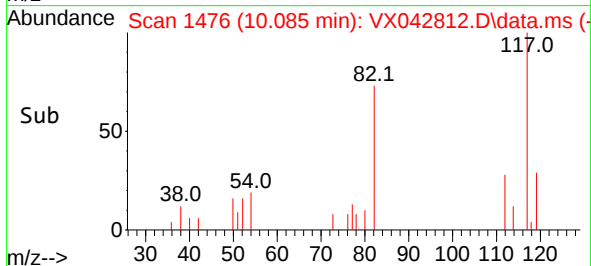
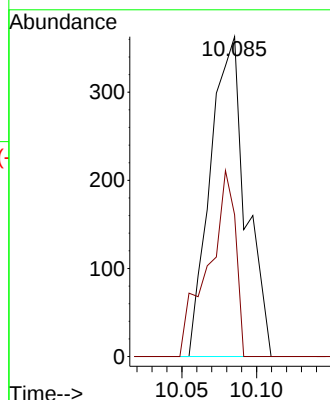
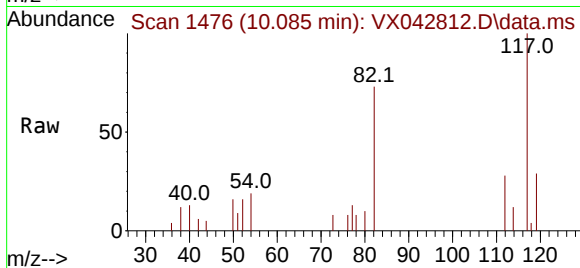
VX0801WBL02

Tgt Ion:112 Resp: 598

Ion Ratio Lower Upper

112 100

114 44.4 25.7 38.5#



#67

Ethyl Benzene

Concen: 0.249 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX042812.D

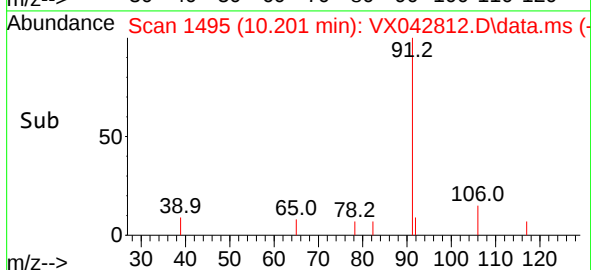
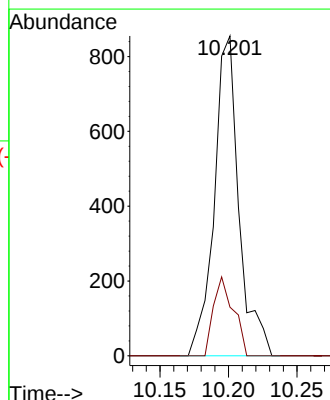
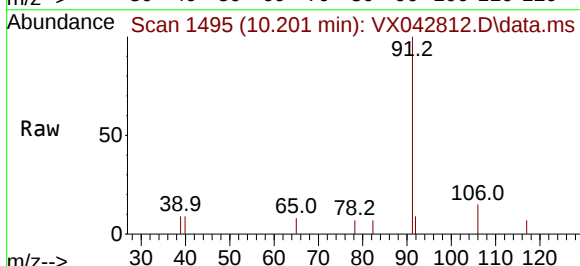
Acq: 01 Aug 2024 23:35

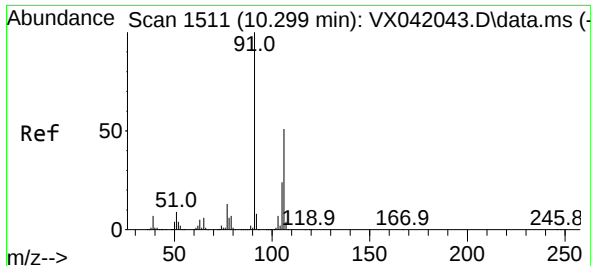
Tgt Ion: 91 Resp: 1070

Ion Ratio Lower Upper

91 100

106 15.2 24.9 37.3#

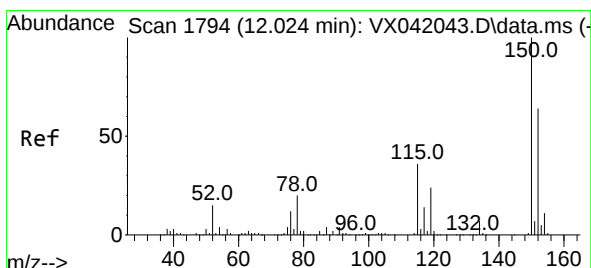
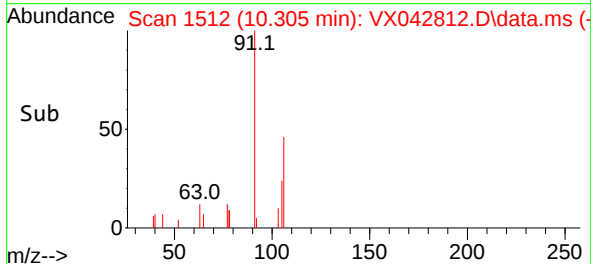
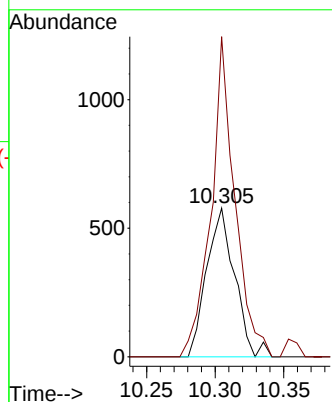
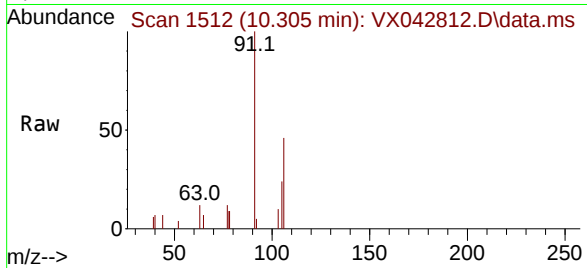




#68
m/p-Xylenes
Concen: 0.500 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

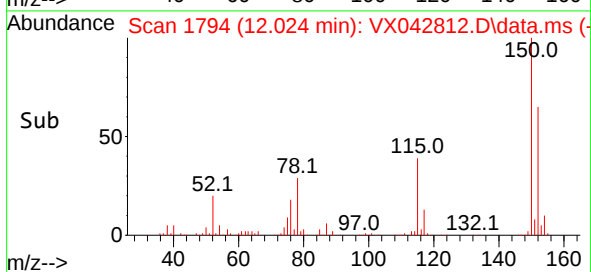
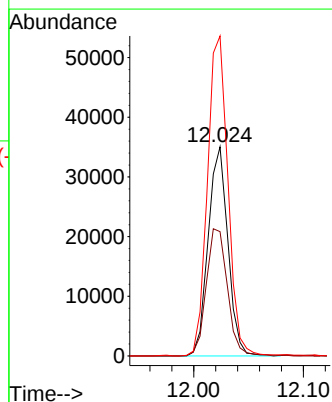
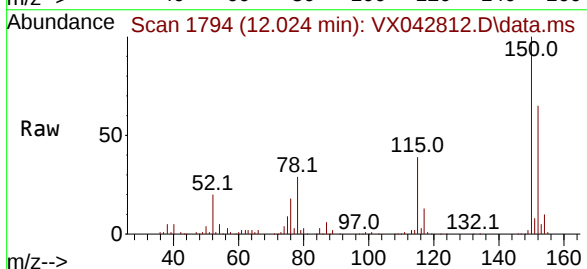
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL02

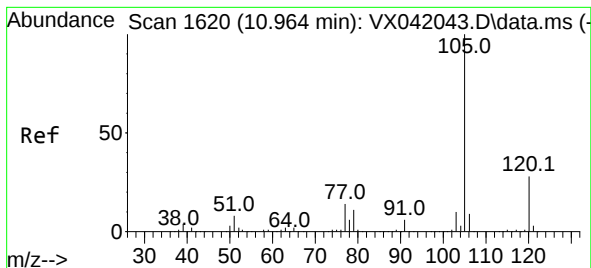
Tgt Ion:106 Resp: 823
Ion Ratio Lower Upper
106 100
91 183.0 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Tgt Ion:152 Resp: 43889
Ion Ratio Lower Upper
152 100
115 65.0 43.3 129.9
150 158.4 0.0 345.0





#73

Isopropylbenzene

Concen: 0.242 ug/l

RT: 10.969 min Scan# 1639

Delta R.T. 0.006 min

Lab File: VX042812.D

Acq: 01 Aug 2024 23:35

Instrument :

MSVOA_X

ClientSampleId :

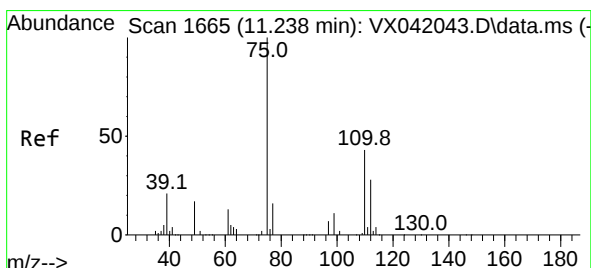
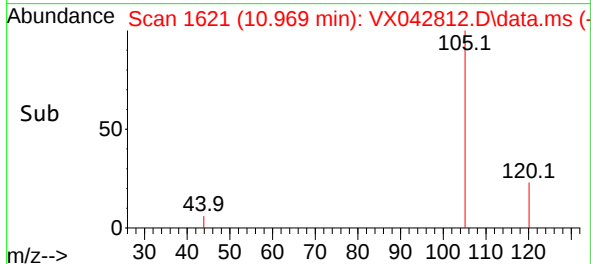
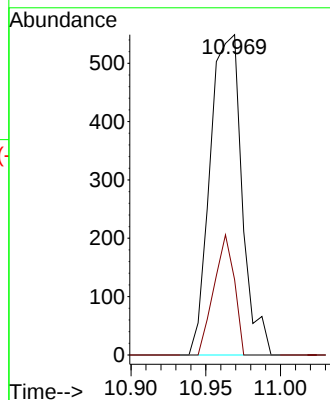
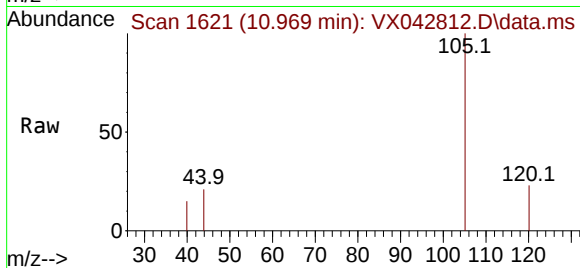
VX0801WBL02

Tgt Ion:105 Resp: 813

Ion Ratio Lower Upper

105 100

120 24.0 12.9 38.6



#76

1,2,3-Trichloropropane

Concen: 28.001 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042812.D

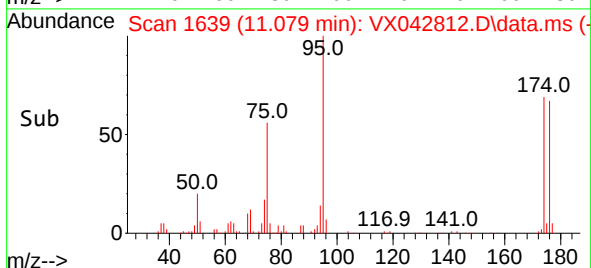
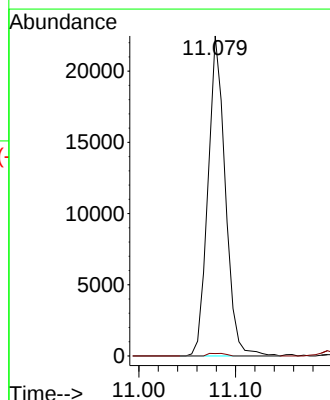
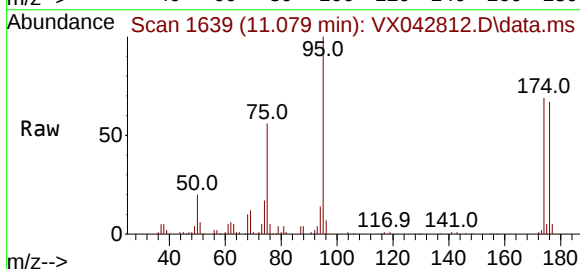
Acq: 01 Aug 2024 23:35

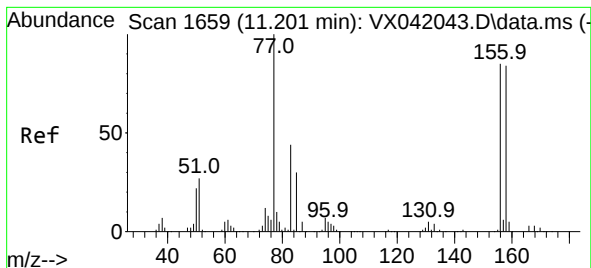
Tgt Ion: 75 Resp: 28081

Ion Ratio Lower Upper

75 100

77 0.8 19.1 57.5#





#77

Bromobenzene

Concen: 0.411 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.006 min

Lab File: VX042812.D

Acq: 01 Aug 2024 23:35

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL02

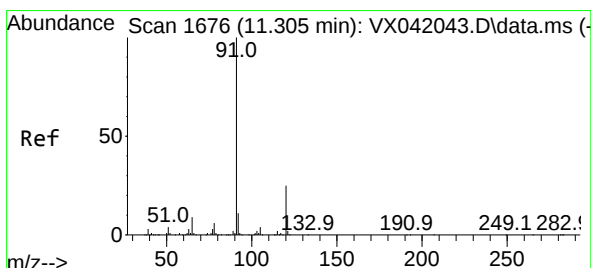
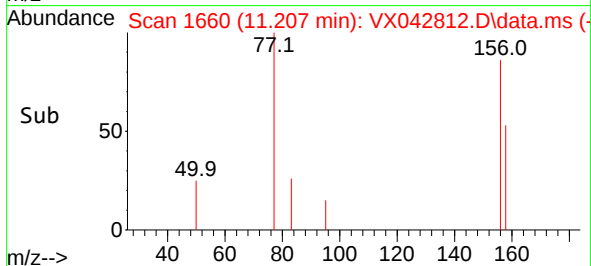
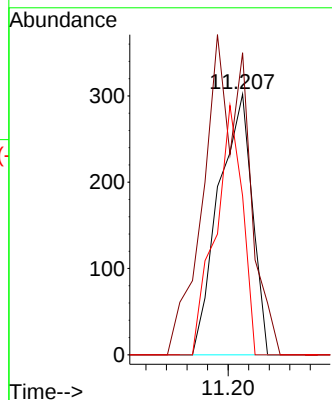
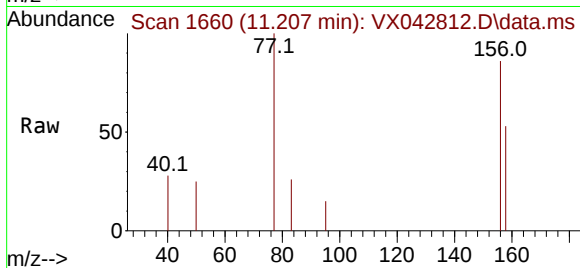
Tgt Ion:156 Resp: 342

Ion Ratio Lower Upper

156 100

77 157.3 88.4 265.3

158 77.2 48.0 144.0



#78

n-propylbenzene

Concen: 0.359 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX042812.D

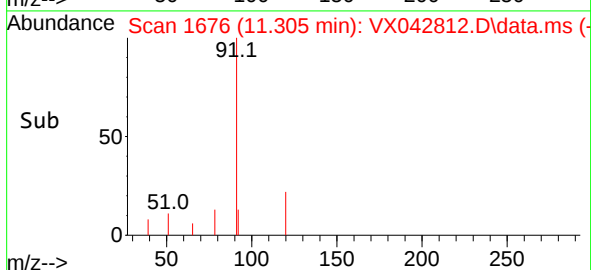
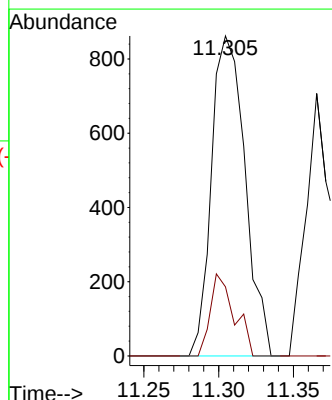
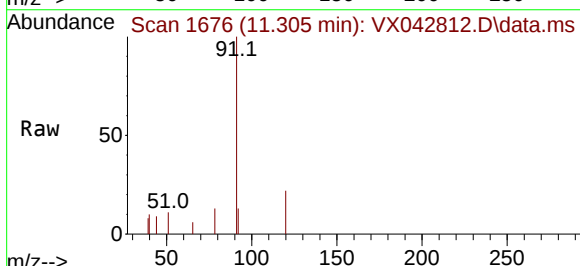
Acq: 01 Aug 2024 23:35

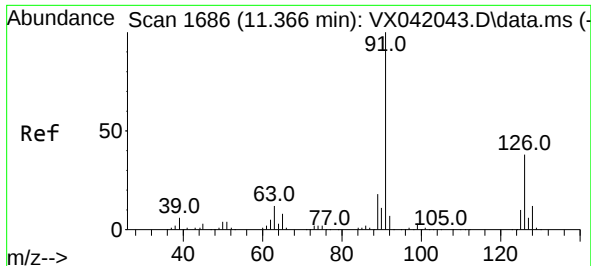
Tgt Ion: 91 Resp: 1346

Ion Ratio Lower Upper

91 100

120 18.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.355 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042812.D

Acq: 01 Aug 2024 23:35

Instrument :

MSVOA_X

ClientSampleId :

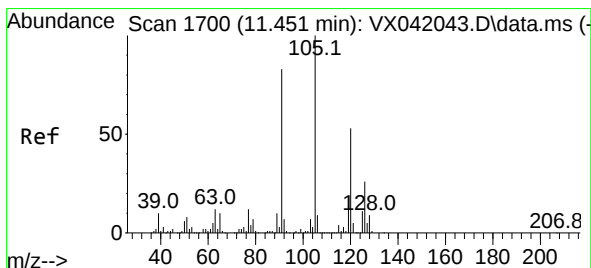
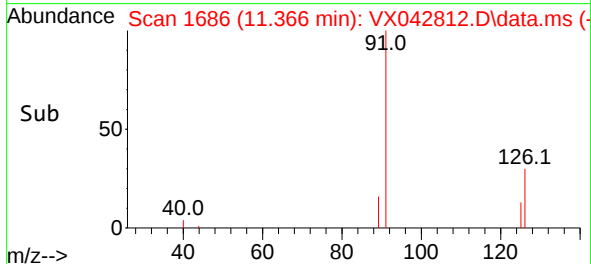
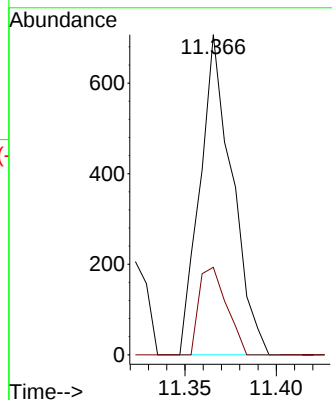
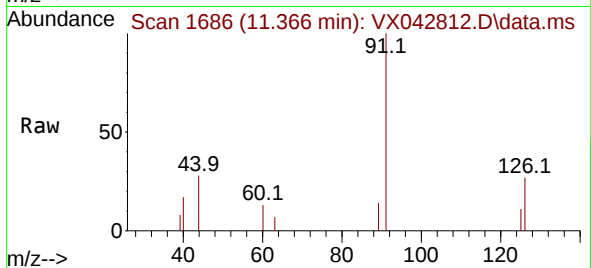
VX0801WBL02

Tgt Ion: 91 Resp: 864

Ion Ratio Lower Upper

91 100

126 23.5 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.260 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042812.D

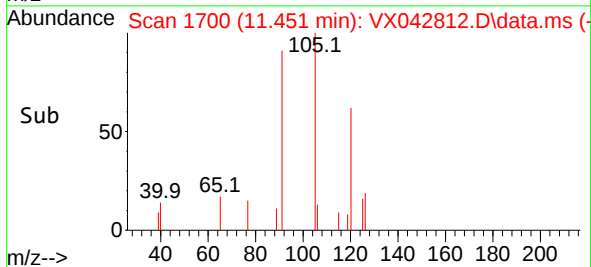
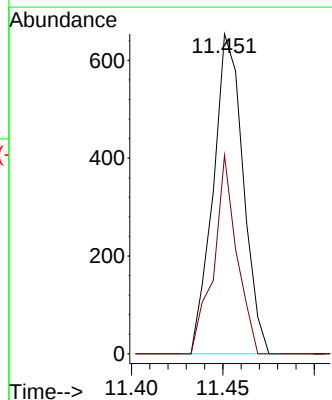
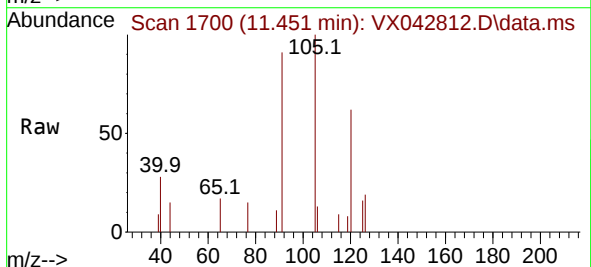
Acq: 01 Aug 2024 23:35

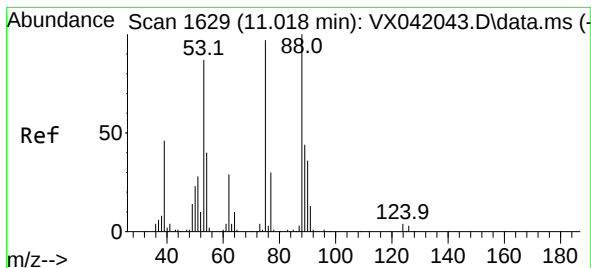
Tgt Ion: 105 Resp: 747

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.3

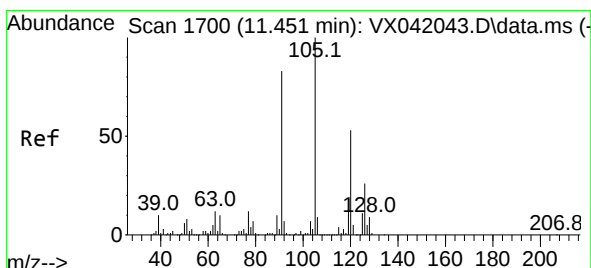
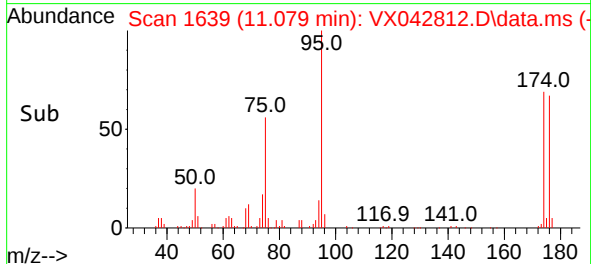
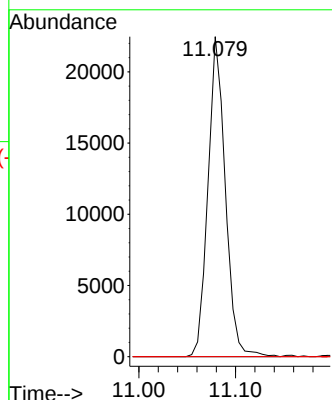
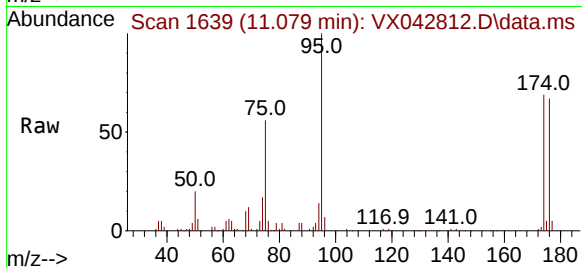




#81
trans-1,4-Dichloro-2-butene
Concen: 82.875 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

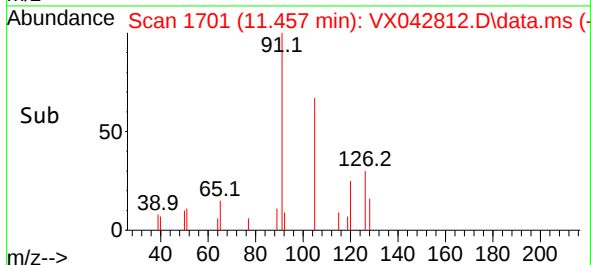
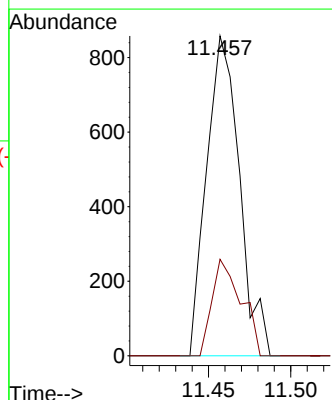
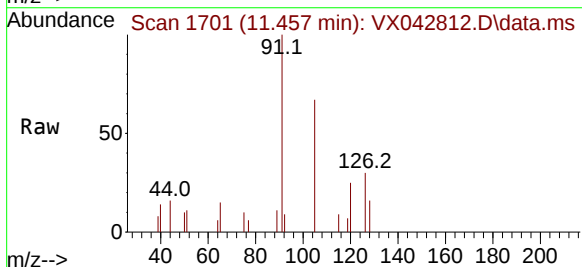
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL02

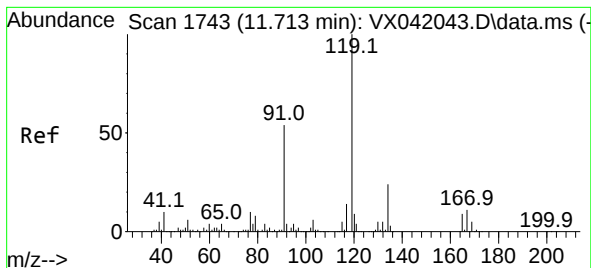
Tgt Ion: 75 Resp: 28081
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.431 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Tgt Ion: 91 Resp: 1193
Ion Ratio Lower Upper
91 100
126 26.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.208 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042812.D

Acq: 01 Aug 2024 23:35

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL02

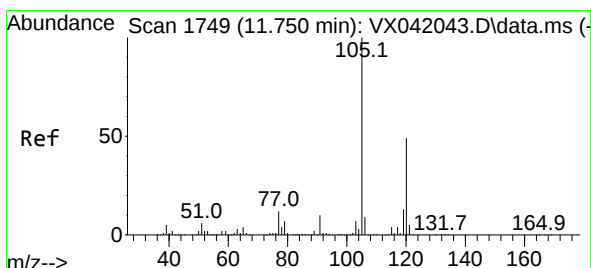
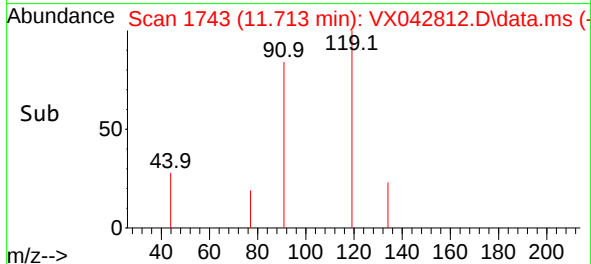
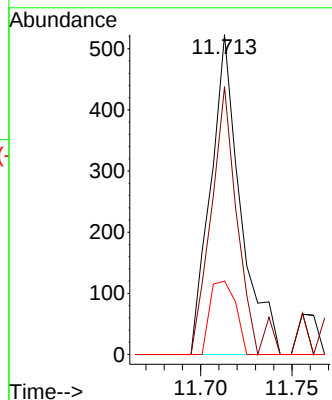
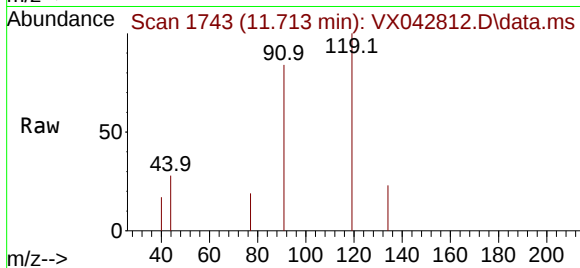
Tgt Ion:119 Resp: 595

Ion Ratio Lower Upper

119 100

91 74.5 31.2 93.6

134 19.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.308 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX042812.D

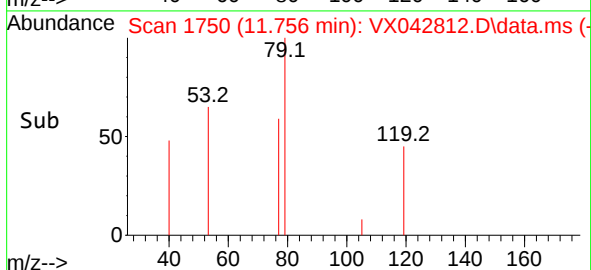
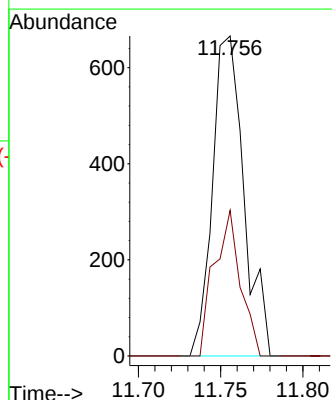
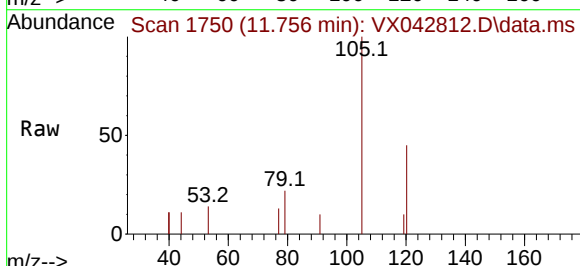
Acq: 01 Aug 2024 23:35

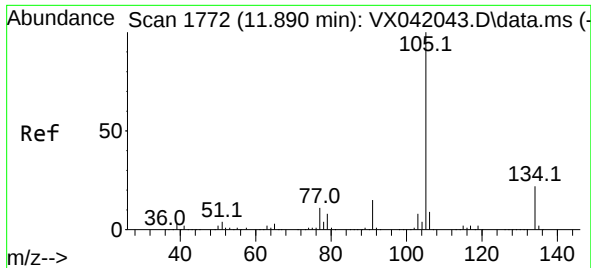
Tgt Ion:105 Resp: 884

Ion Ratio Lower Upper

105 100

120 38.0 21.2 63.6

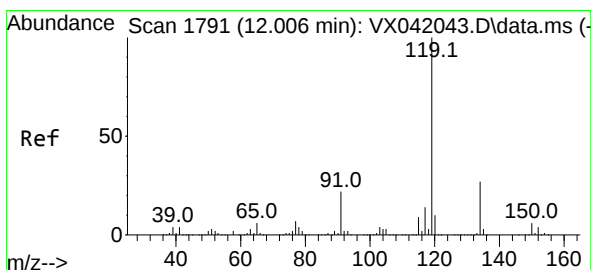
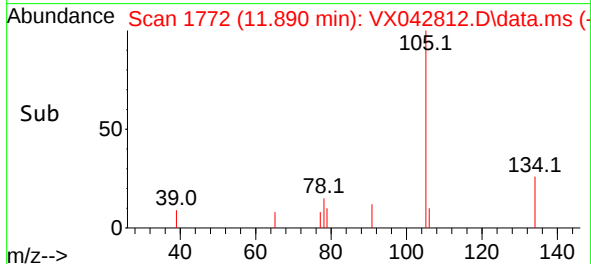
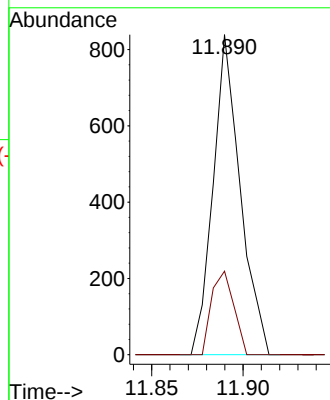
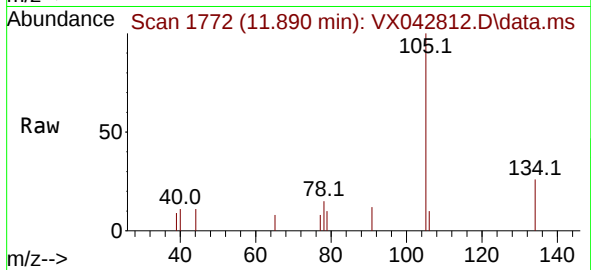




#85
 sec-Butylbenzene
 Concen: 0.247 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX042812.D
 Acq: 01 Aug 2024 23:35

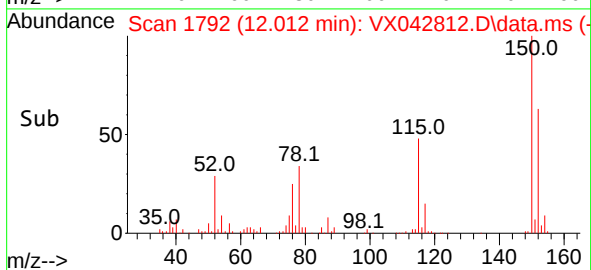
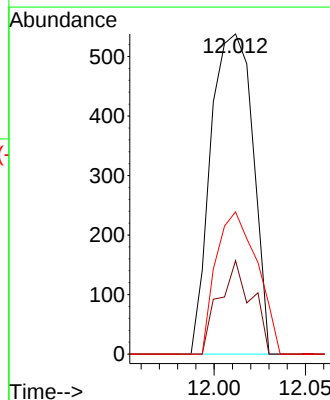
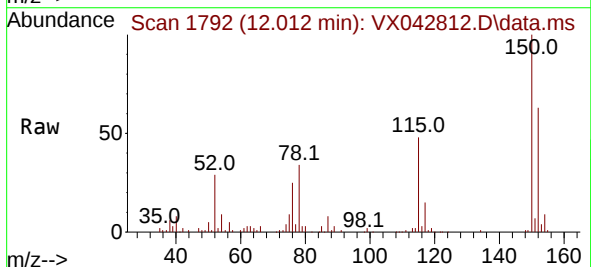
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBL02

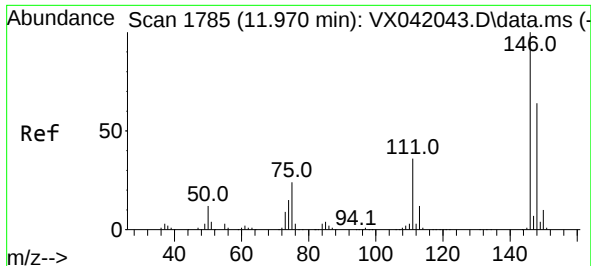
Tgt Ion:105 Resp: 868
 Ion Ratio Lower Upper
 105 100
 134 21.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.291 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX042812.D
 Acq: 01 Aug 2024 23:35

Tgt Ion:119 Resp: 862
 Ion Ratio Lower Upper
 119 100
 134 22.6 12.8 38.3
 91 43.6 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.550 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX042812.D

Acq: 01 Aug 2024 23:35

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL02

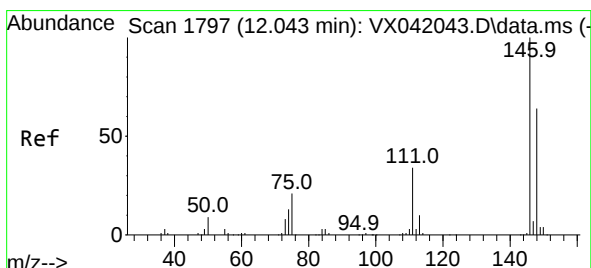
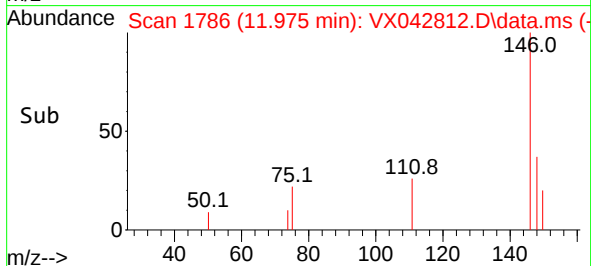
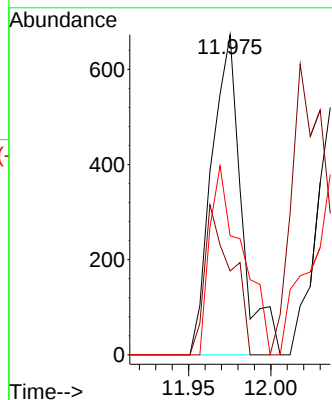
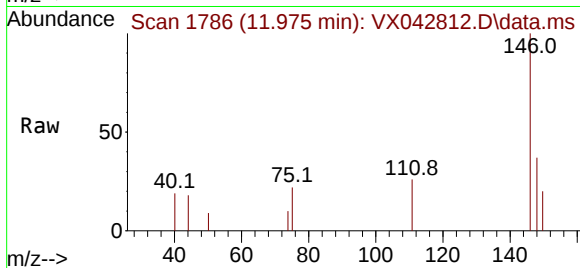
Tgt Ion:146 Resp: 853

Ion Ratio Lower Upper

146 100

111 42.1 22.1 66.1

148 62.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.547 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX042812.D

Acq: 01 Aug 2024 23:35

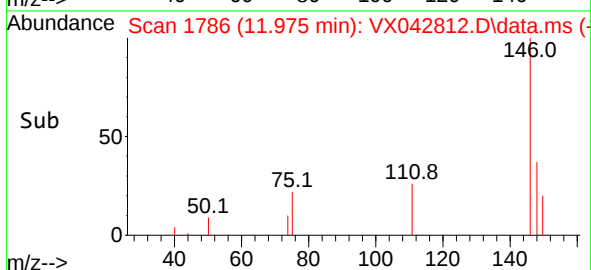
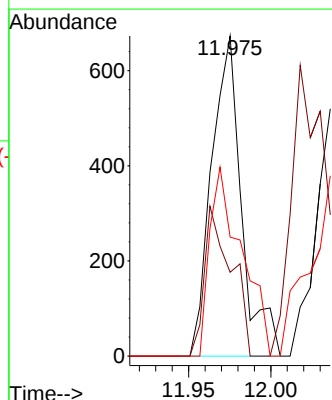
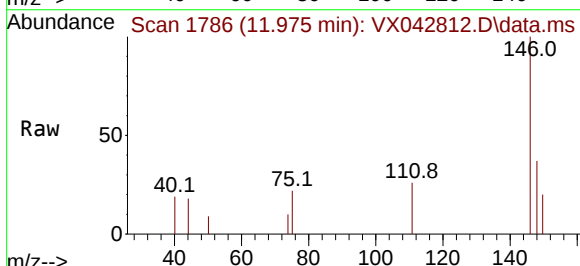
Tgt Ion:146 Resp: 853

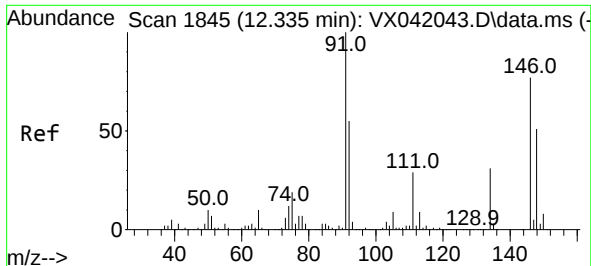
Ion Ratio Lower Upper

146 100

111 42.1 21.3 63.7

148 62.8 31.8 95.4





#89

n-Butylbenzene

Concen: 0.444 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042812.D

Acq: 01 Aug 2024 23:35

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL02

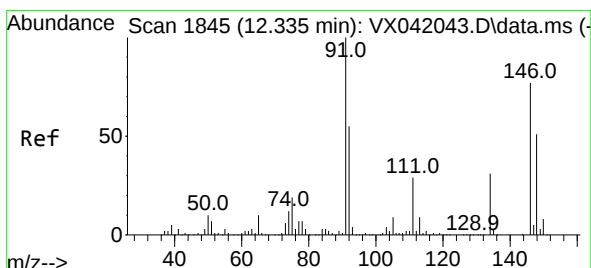
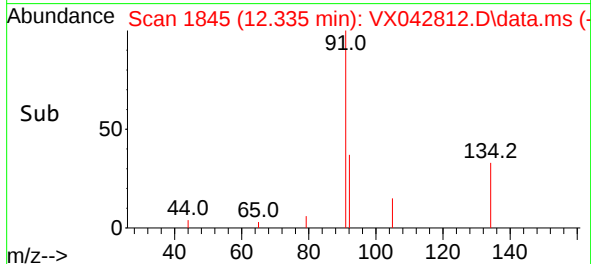
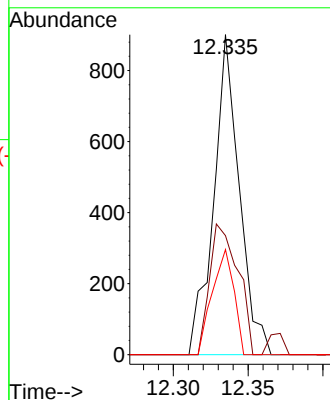
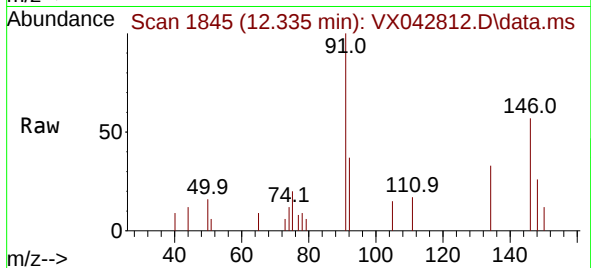
Tgt Ion: 91 Resp: 1075

Ion Ratio Lower Upper

91 100

92 45.2 27.4 82.0

134 27.7 12.6 37.8



#91

1,2-Dichlorobenzene

Concen: 0.400 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042812.D

Acq: 01 Aug 2024 23:35

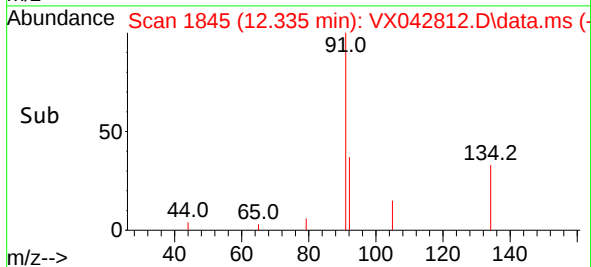
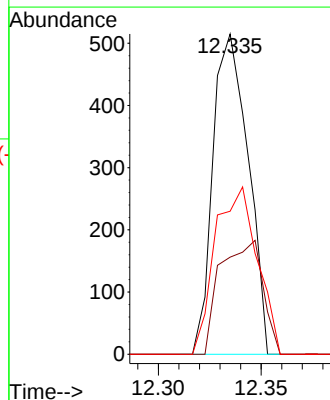
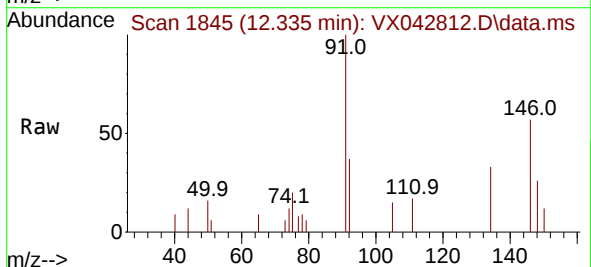
Tgt Ion:146 Resp: 613

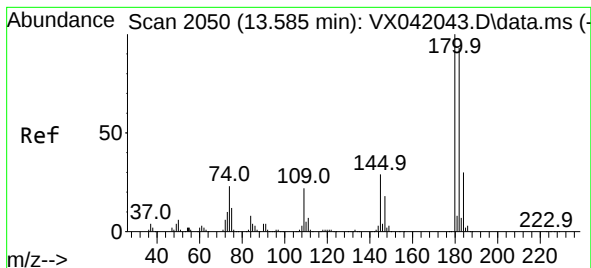
Ion Ratio Lower Upper

146 100

111 42.6 22.4 67.0

148 62.6 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.933 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX042812.D

Acq: 01 Aug 2024 23:35

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL02

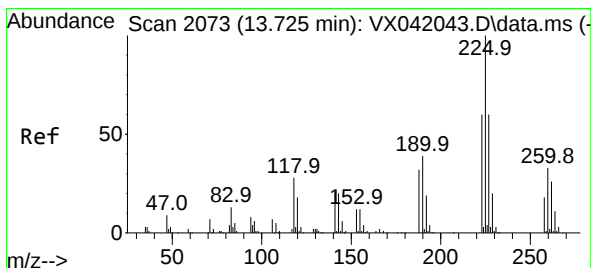
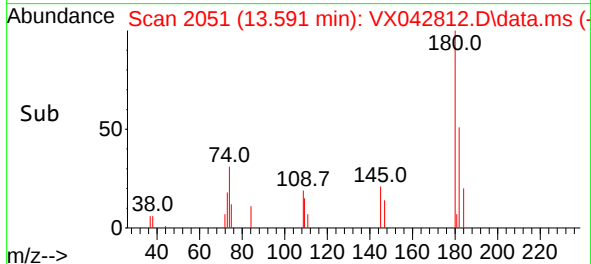
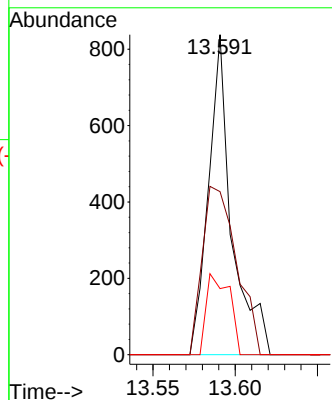
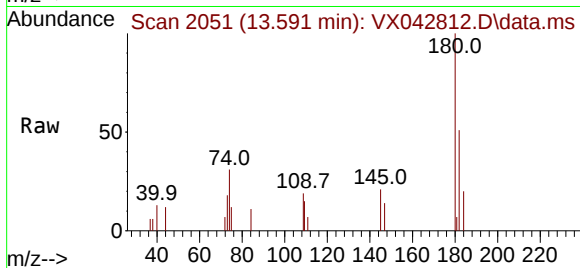
Tgt Ion:180 Resp: 822

Ion Ratio Lower Upper

180 100

182 77.9 48.3 144.8

145 25.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.573 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX042812.D

Acq: 01 Aug 2024 23:35

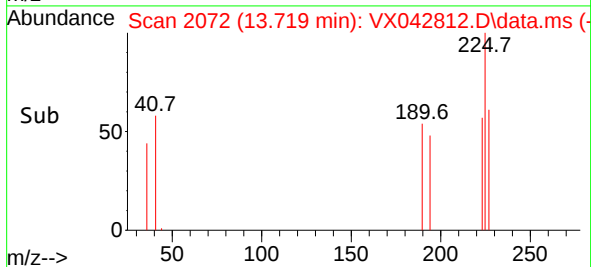
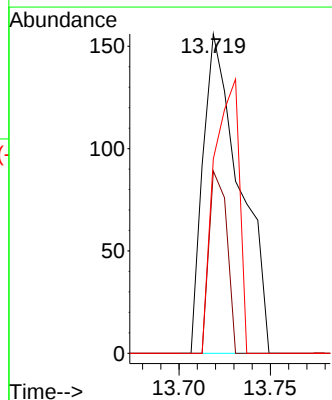
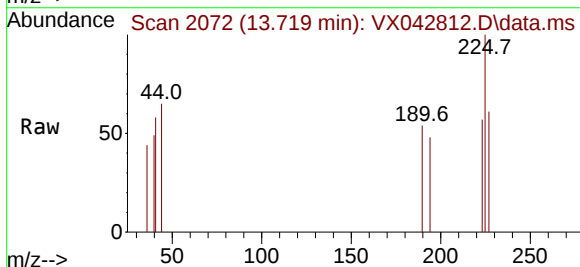
Tgt Ion:225 Resp: 219

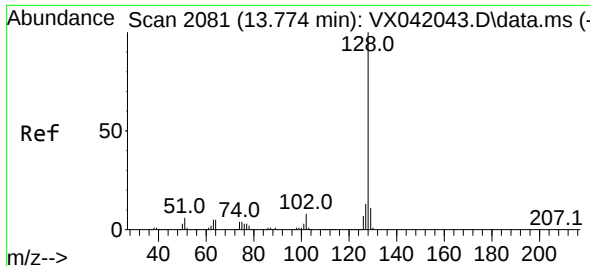
Ion Ratio Lower Upper

225 100

223 27.4 31.1 93.2#

227 58.0 32.5 97.5

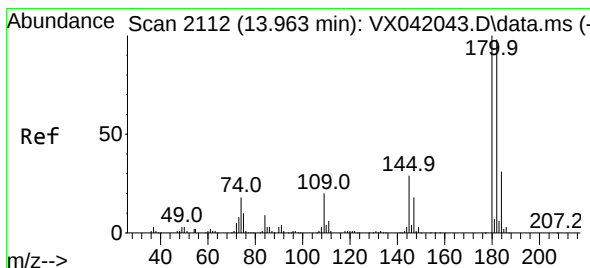
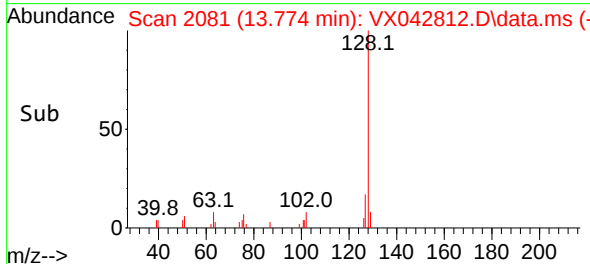
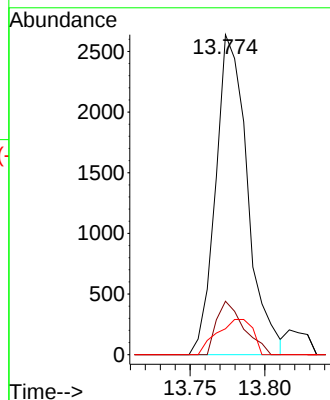
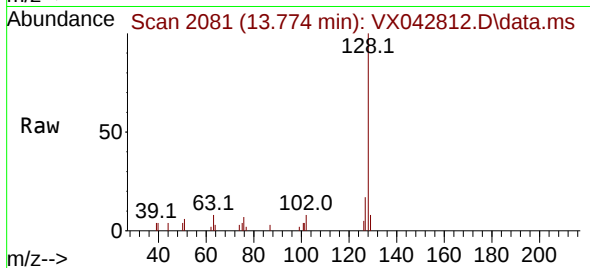




#95
Naphthalene
Concen: 1.159 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL02

Tgt Ion:	128	Resp:	3896
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.3	15.5
129	12.3	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.099 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX042812.D
Acq: 01 Aug 2024 23:35

Tgt Ion:	180	Resp:	995
Ion	Ratio	Lower	Upper
180	100		
182	70.4	46.9	140.6
145	32.2	17.8	53.5

