

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043116.D
 Acq On : 24 Sep 2024 12:21
 Operator : JC/MD
 Sample : P4123-02
 Misc : 1.15g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 25 01:24:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	80571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149495	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80628	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68170	50.937	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.880%	
35) Dibromofluoromethane	5.391	113	51808	49.126	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.260%	
50) Toluene-d8	8.647	98	190385	53.361	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.720%	
62) 4-Bromofluorobenzene	11.085	95	80683	56.153	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 112.300%	

Target Compounds				Qvalue		
5) Bromomethane	1.599	94	283	0.552	ug/l #	48
6) Chloroethane	1.691	64	128	0.224	ug/l #	69
10) Methyl Iodide	2.434	142	342	0.322	ug/l #	73
11) Tert butyl alcohol	2.947	59	3625	12.131	ug/l #	71
13) Acrolein	2.252	56	65	1.651	ug/l #	74
16) Acetone	2.331	43	194	0.310	ug/l #	46
17) Carbon Disulfide	2.477	76	529	0.249	ug/l #	75
18) Methyl Acetate	2.733	43	4563	2.709	ug/l #	86
20) Methylene Chloride	2.776	84	566	0.568	ug/l #	64
29) Tetrahydrofuran	5.086	42	1065	2.195	ug/l #	1
31) Cyclohexane	5.489	56	122039	92.724	ug/l #	42
36) 1,1-Dichloropropene	5.544	75	7072	5.457	ug/l #	50
38) Carbon Tetrachloride	5.538	117	8687	5.204	ug/l #	16
39) Methylcyclohexane	7.373	83	176658	108.627	ug/l	95
41) Methacrylonitrile	5.105	41	7647	9.450	ug/l #	53
43) Isopropyl Acetate	6.172	43	129692	47.704	ug/l #	62
47) Bromodichloromethane	7.757	83	622	0.373	ug/l #	1
48) Methyl methacrylate	7.647	41	49750	37.256	ug/l #	59
51) 4-Methyl-2-Pentanone	8.604	43	801	0.480	ug/l #	37
52) Toluene	8.714	92	5262	2.137	ug/l	95
55) 1,1,2-Trichloroethane	9.098	97	422	0.416	ug/l #	27
59) 2-Hexanone	9.378	43	347	0.266	ug/l #	26
67) Ethyl Benzene	10.195	91	2269	0.409	ug/l #	88
68) m/p-Xylenes	10.305	106	3061	1.484	ug/l	99
69) o-Xylene	10.646	106	1388	0.671	ug/l	99
74) N-amyl acetate	10.860	43	569	0.200	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.219	83	875	0.450	ug/l #	27
76) 1,2,3-Trichloropropane	11.085	75	44328	25.859	ug/l #	35
77) Bromobenzene	11.207	156	390	0.269	ug/l #	59
78) n-propylbenzene	11.305	91	3178	0.463	ug/l	98
79) 2-Chlorotoluene	11.463	91	1520	0.353	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	4780	0.955	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.085	75	44328	61.612	ug/l #	8
82) 4-Chlorotoluene	11.463	91	1520	0.309	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	19699	3.958	ug/l	98
85) sec-Butylbenzene	11.890	105	3703	0.584	ug/l	96

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

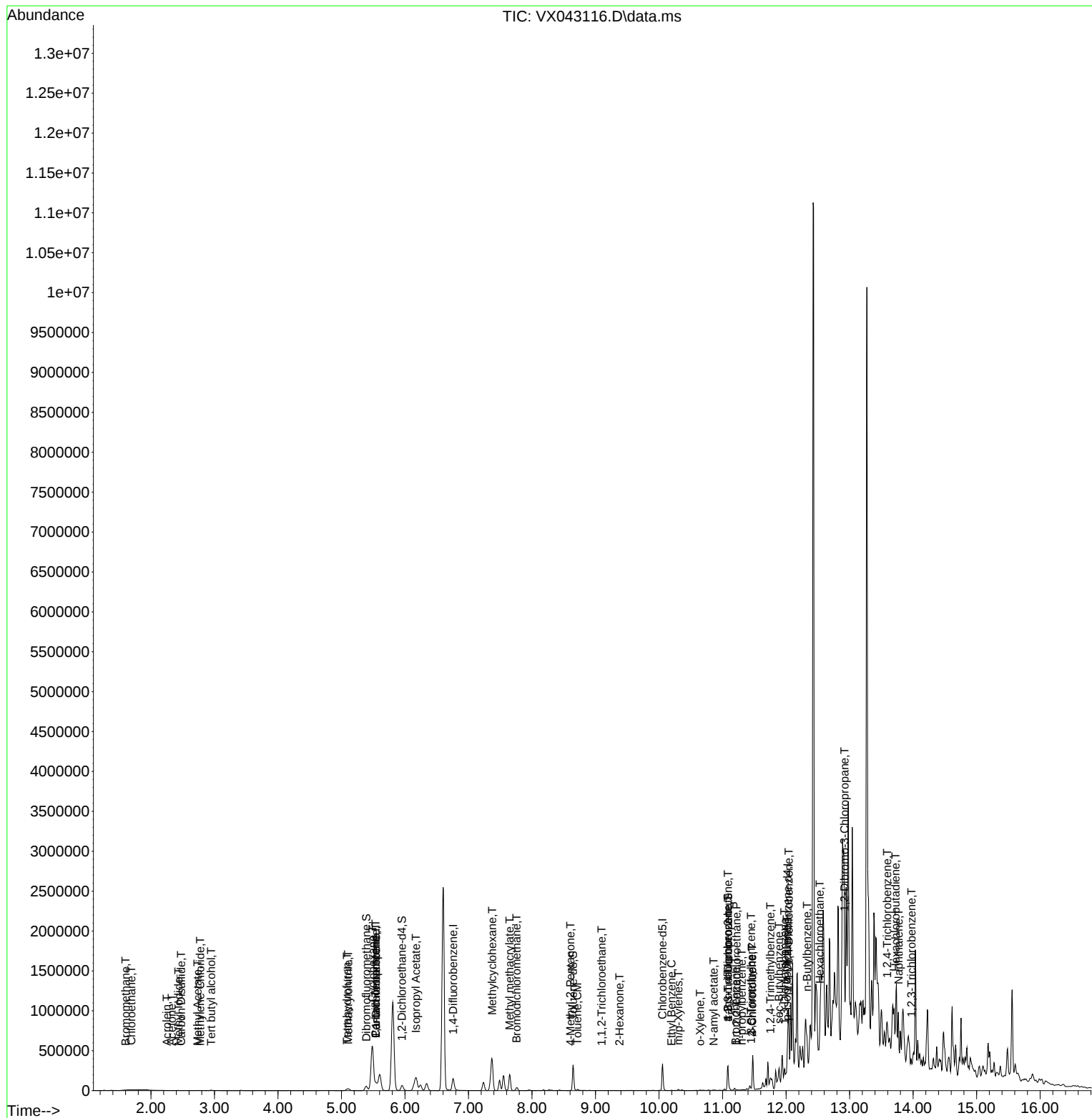
86) p-Isopropyltoluene	12.012	119	3701	0.704	ug/l	95
87) 1,3-Dichlorobenzene	11.975	146	641	0.242	ug/l #	1
88) 1,4-Dichlorobenzene	12.043	146	715	0.269	ug/l #	1
89) n-Butylbenzene	12.329	91	26634	5.810	ug/l #	53
90) Hexachloroethane	12.530	117	2746	2.619	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.920	75	556	1.057	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1115	0.690	ug/l #	1
94) Hexachlorobutadiene	13.725	225	230	0.339	ug/l	96
95) Naphthalene	13.774	128	31548	5.616	ug/l #	81
96) 1,2,3-Trichlorobenzene	13.975	180	3871	2.411	ug/l #	1

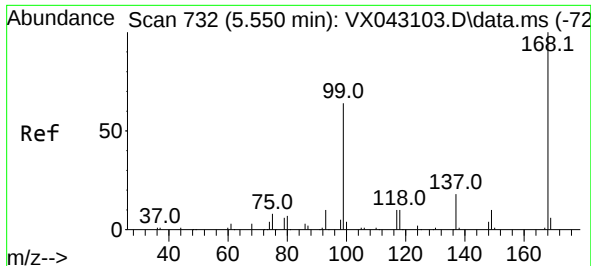
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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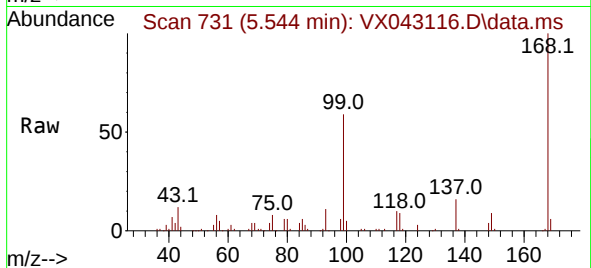


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

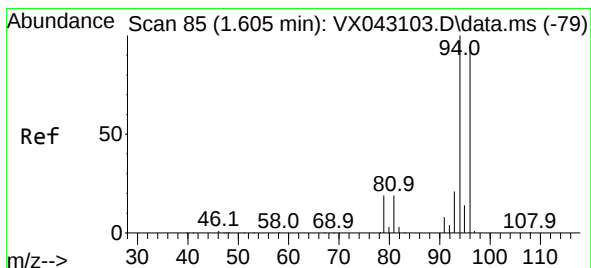
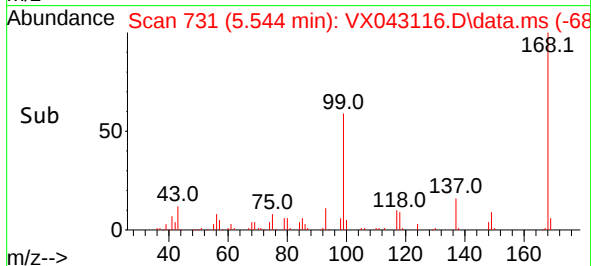
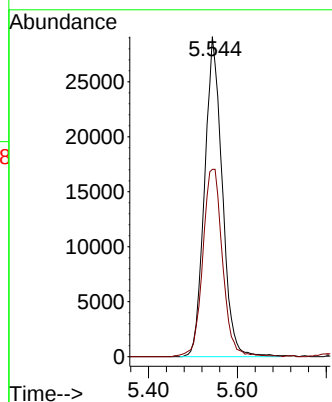
Instrument :

MSVOA_X

ClientSampleId :

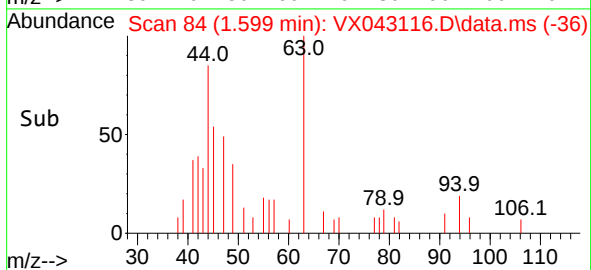
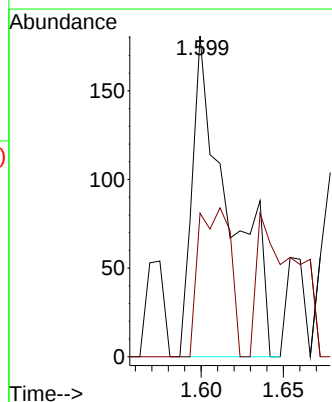
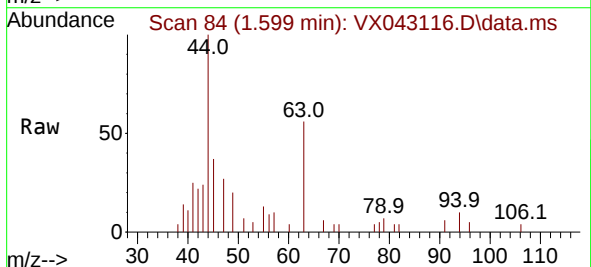


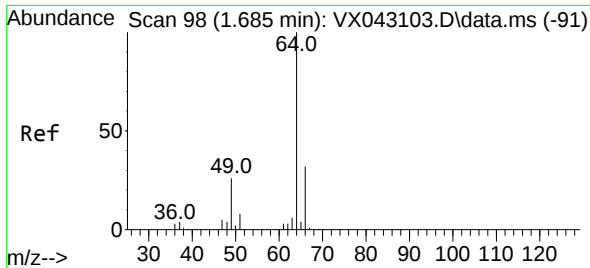
Tgt Ion:168 Resp: 80571
Ion Ratio Lower Upper
168 100
99 58.4 50.8 76.2



#5
Bromomethane
Concen: 0.552 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

Tgt Ion: 94 Resp: 283
Ion Ratio Lower Upper
94 100
96 44.8 76.2 114.4#

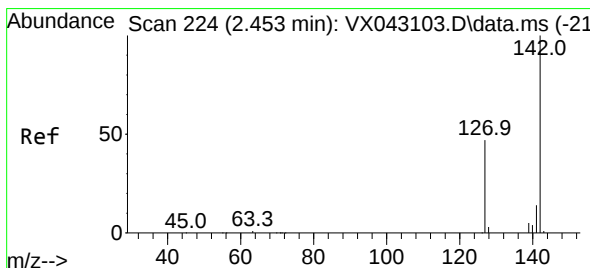
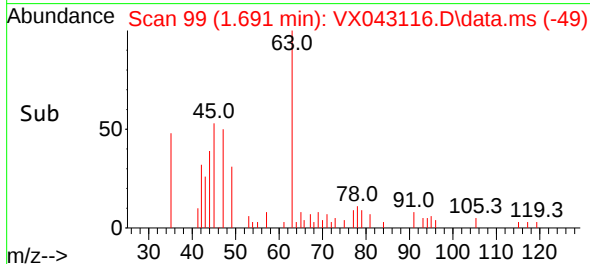
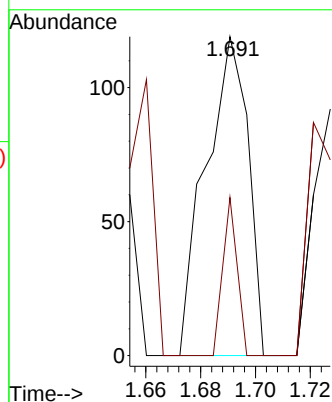
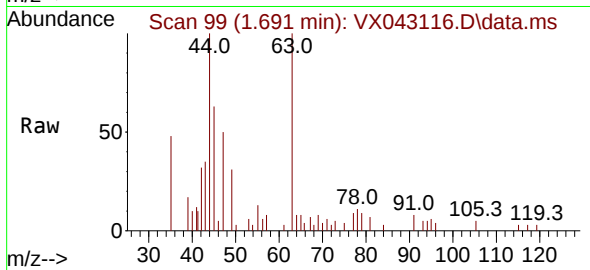




#6
Chloroethane
Concen: 0.224 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

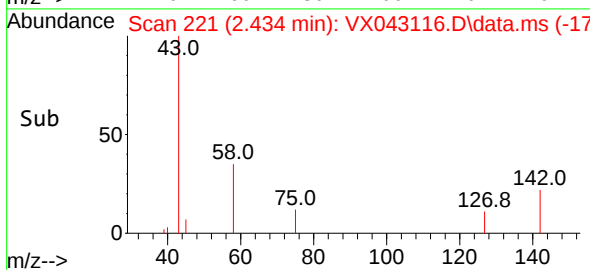
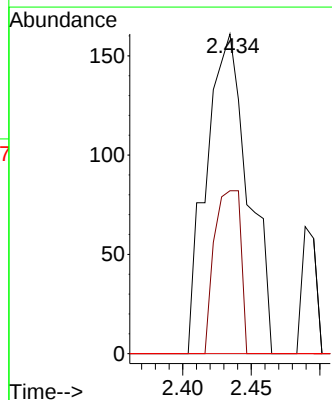
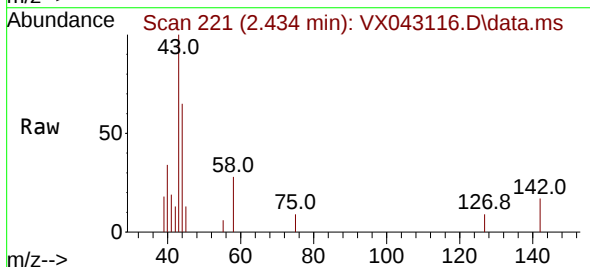
Instrument :
MSVOA_X
ClientSampleId :

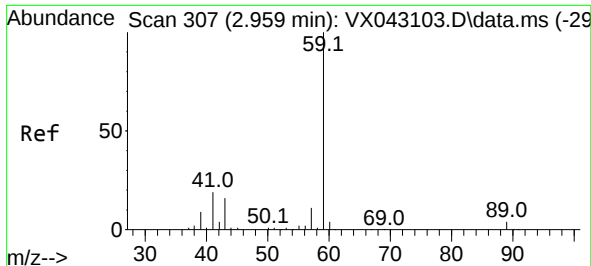
Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 49.6 25.8 38.6#



#10
Methyl Iodide
Concen: 0.322 ug/l
RT: 2.434 min Scan# 221
Delta R.T. -0.018 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

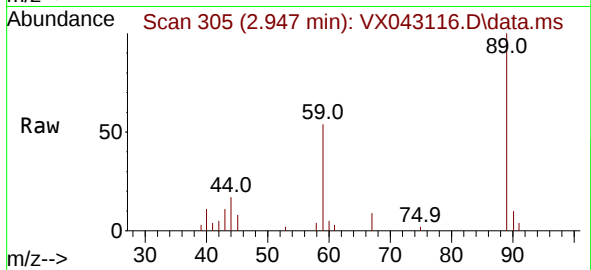
Tgt Ion:142 Resp: 342
Ion Ratio Lower Upper
142 100
127 31.9 38.9 58.3#
141 0.0 11.4 17.2#



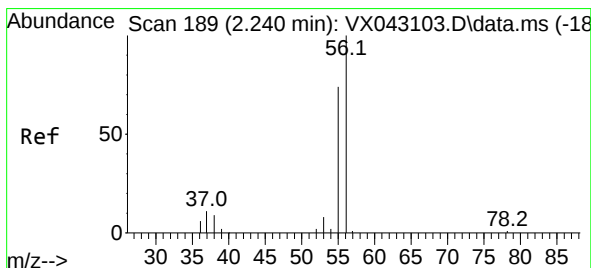
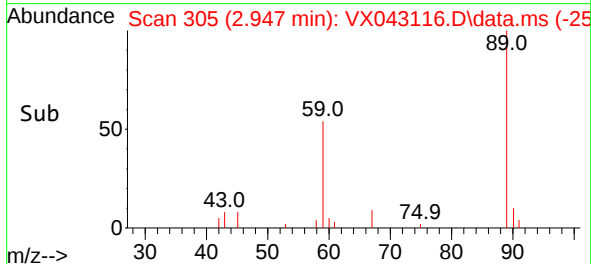
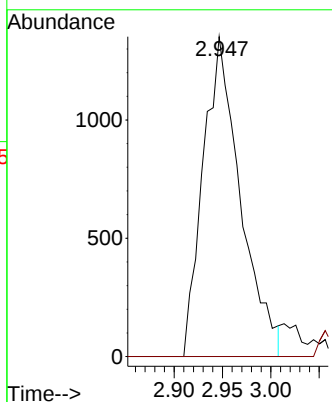


#11
Tert butyl alcohol
Concen: 12.131 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

Instrument :
MSVOA_X
ClientSampleId :

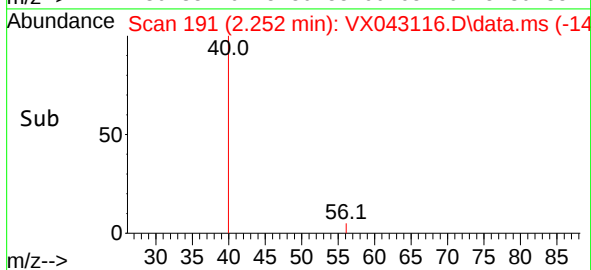
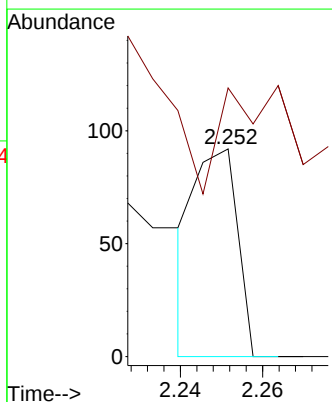
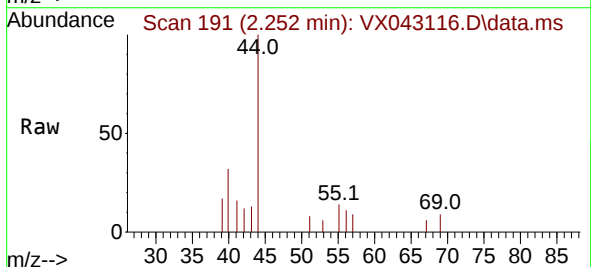


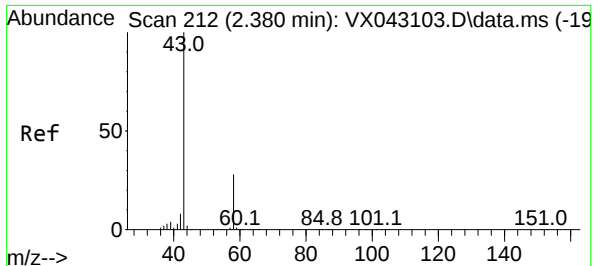
Tgt Ion: 59 Resp: 3625
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: 1.651 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 90.8 55.8 83.6#

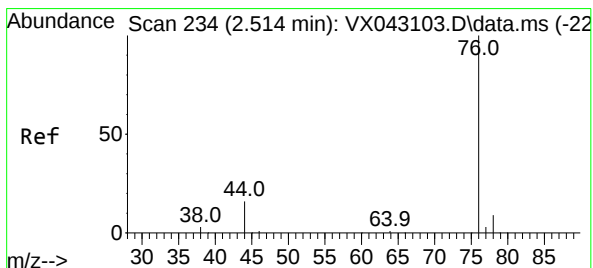
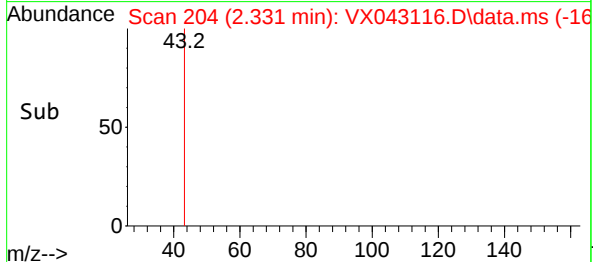
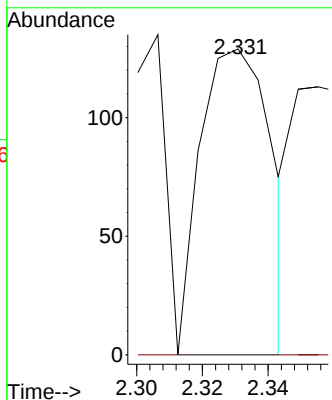
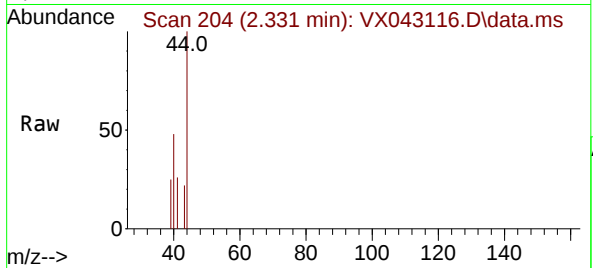




#16
Acetone
Concen: 0.310 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.049 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

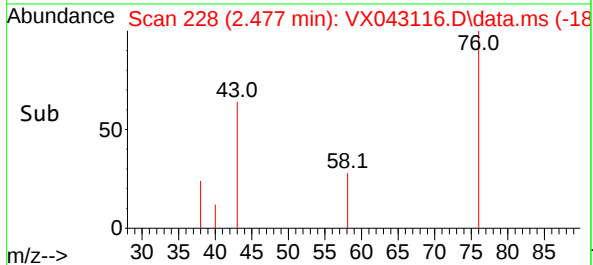
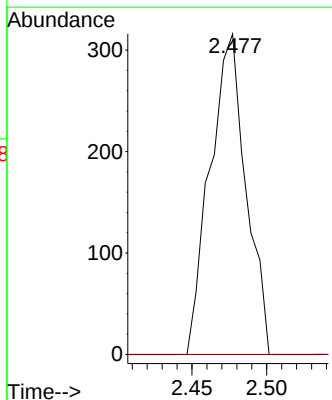
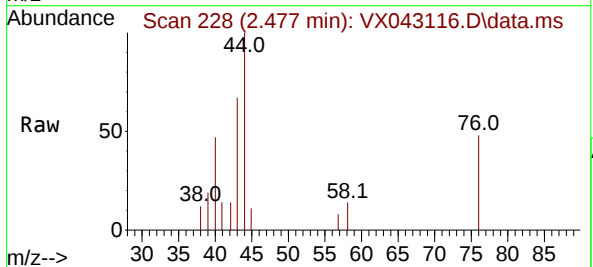
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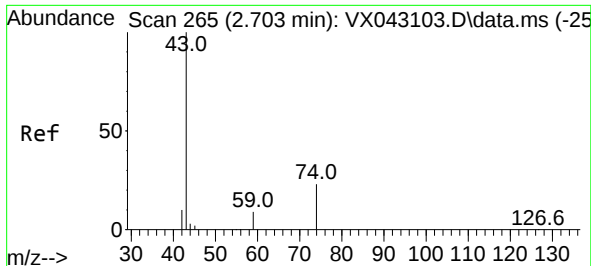
Tgt Ion: 43 Resp: 194
Ion Ratio Lower Upper
43 100
58 0.0 22.6 34.0#



#17
Carbon Disulfide
Concen: 0.249 ug/l
RT: 2.477 min Scan# 228
Delta R.T. -0.037 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

Tgt Ion: 76 Resp: 529
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

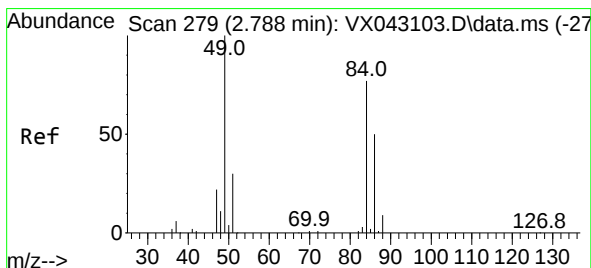
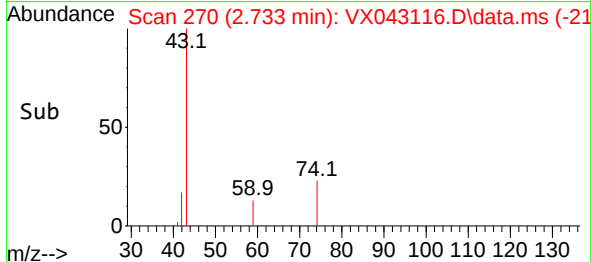
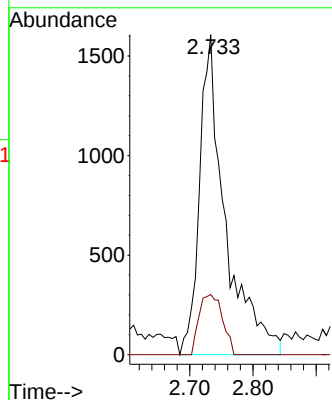
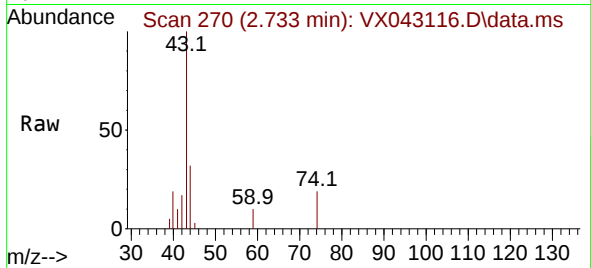




#18
Methyl Acetate
Concen: 2.709 ug/l
RT: 2.733 min Scan# 21
Delta R.T. 0.030 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

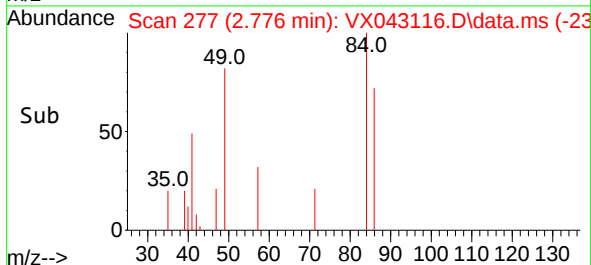
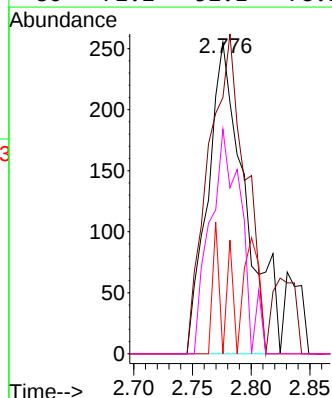
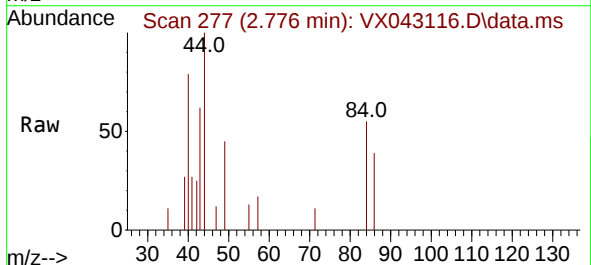
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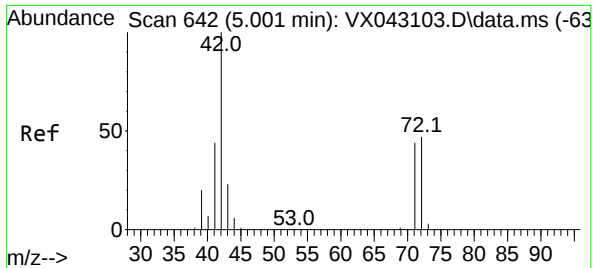
Tgt Ion: 43 Resp: 4563
Ion Ratio Lower Upper
43 100
74 17.0 19.2 28.8#



#20
Methylene Chloride
Concen: 0.568 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

Tgt Ion: 84 Resp: 566
Ion Ratio Lower Upper
84 100
49 82.4 104.1 156.1#
51 0.0 31.1 46.7#
86 72.2 52.1 78.1





#29

Tetrahydrofuran

Concen: 2.195 ug/l

RT: 5.086 min Scan# 61

Delta R.T. 0.085 min

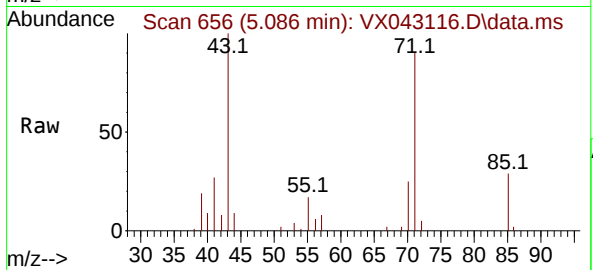
Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

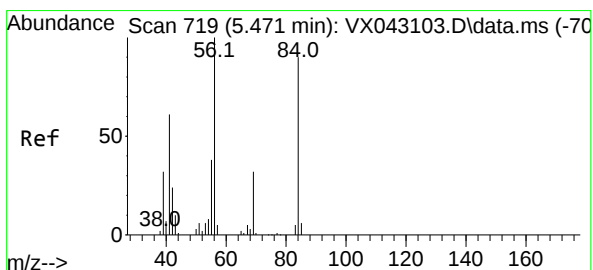
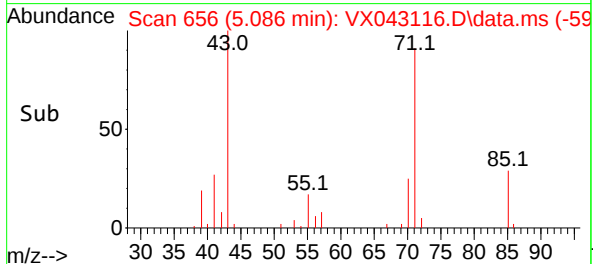
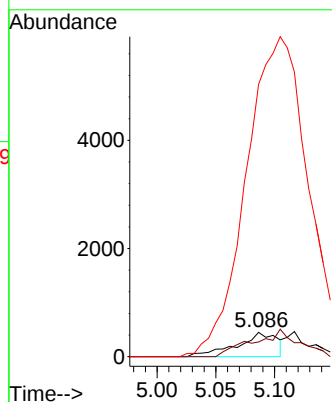
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Tgt Ion:	42	Resp:	1065
Ion Ratio	Lower	Upper	
42	100		
72	128.7	37.6	56.4#
71	2060.5	34.8	52.2#



#31

Cyclohexane

Concen: 92.724 ug/l

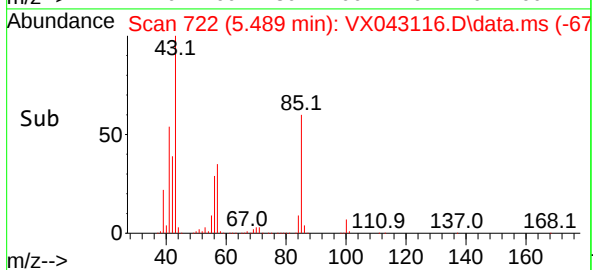
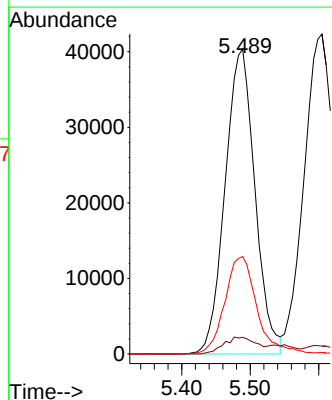
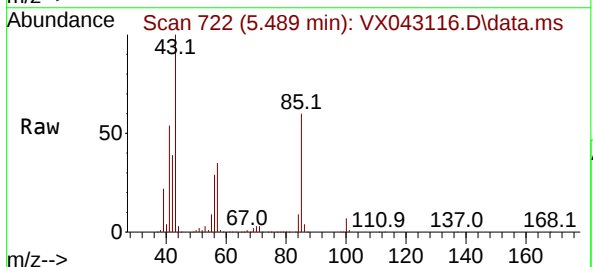
RT: 5.489 min Scan# 722

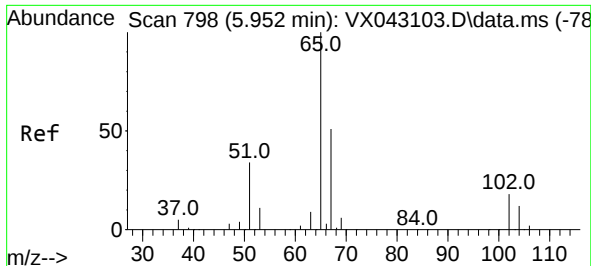
Delta R.T. 0.018 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Tgt Ion:	56	Resp:	122039
Ion Ratio	Lower	Upper	
56	100		
69	5.4	25.8	38.6#
84	32.0	72.4	108.6#





#33

1,2-Dichloroethane-d4

Concen: 50.937 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Instrument :

MSVOA_X

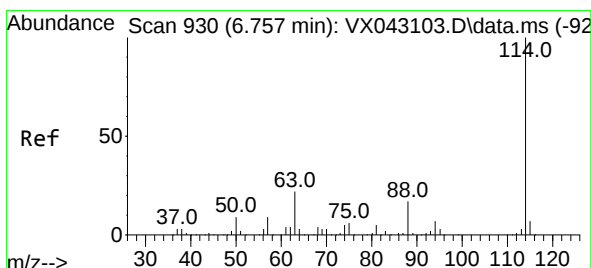
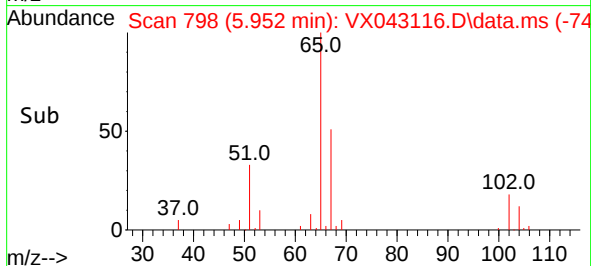
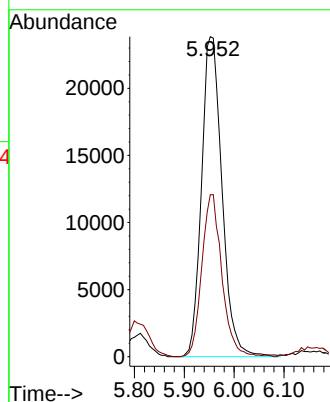
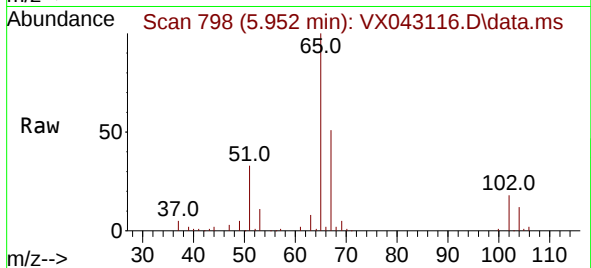
ClientSampleId :

Tgt Ion: 65 Resp: 68170

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

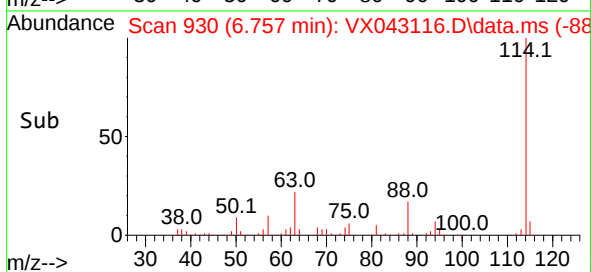
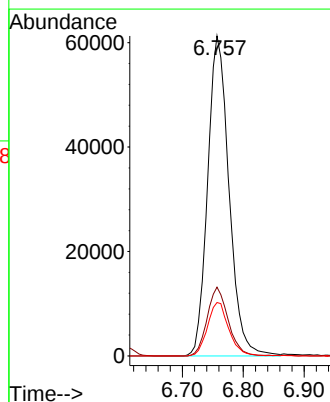
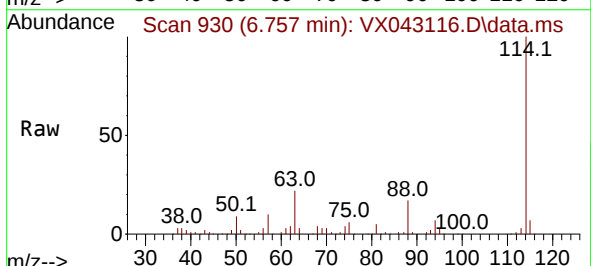
Tgt Ion: 114 Resp: 149495

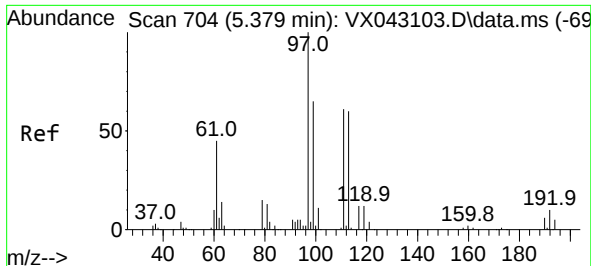
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

88 16.7 0.0 33.4

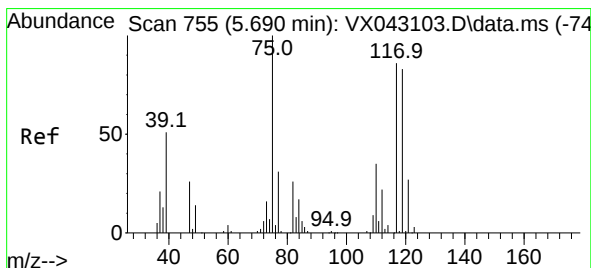
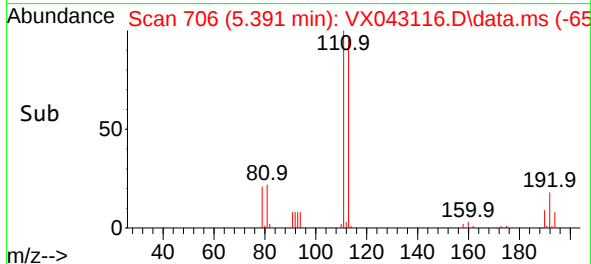
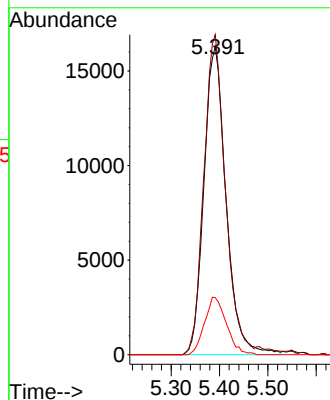
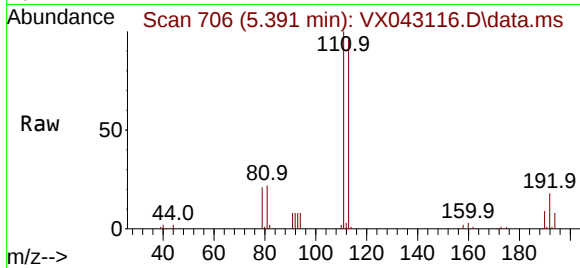




#35
Dibromofluoromethane
Concen: 49.126 ug/l
RT: 5.391 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

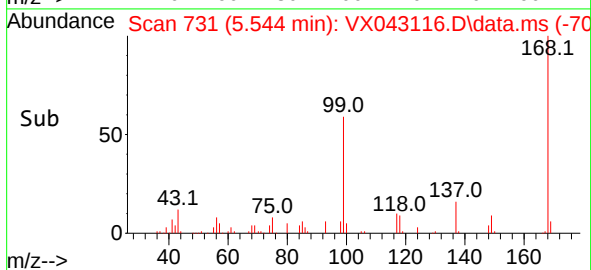
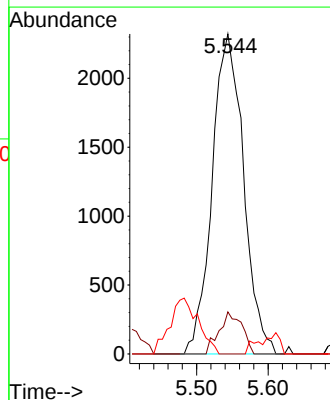
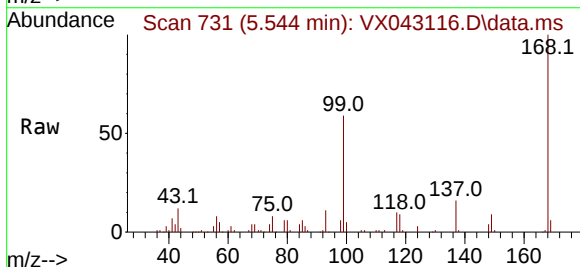
Instrument :
MSVOA_X
ClientSampleId :

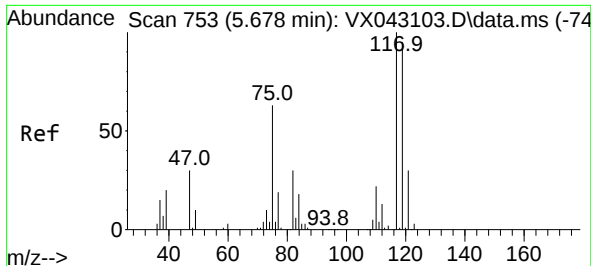
Tgt Ion:113 Resp: 51808
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 18.4 14.6 22.0



#36
1,1-Dichloropropene
Concen: 5.457 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

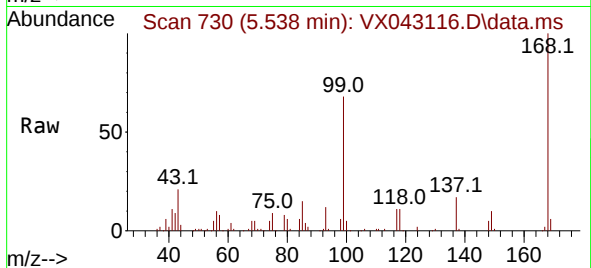
Tgt Ion: 75 Resp: 7072
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.4#
77 0.0 25.2 37.8#



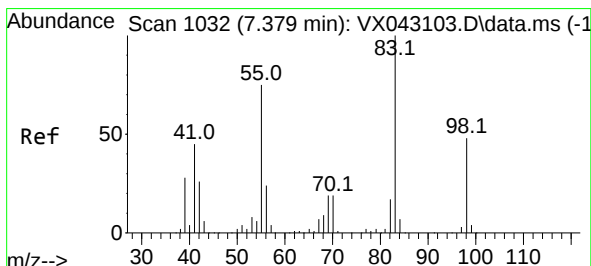
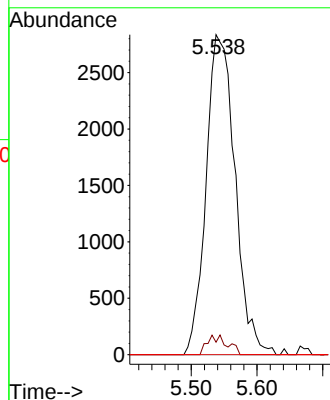
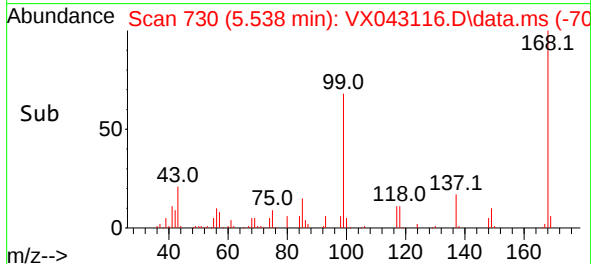


#38
Carbon Tetrachloride
Concen: 5.204 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

Instrument :
MSVOA_X
ClientSampleId :

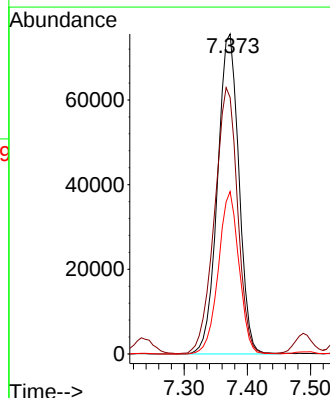
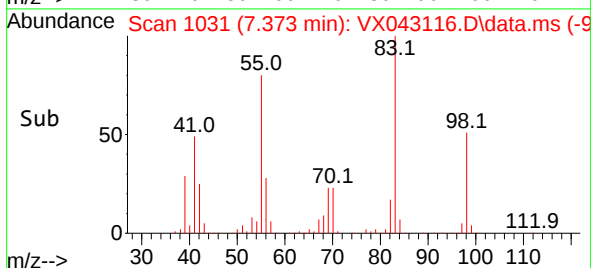
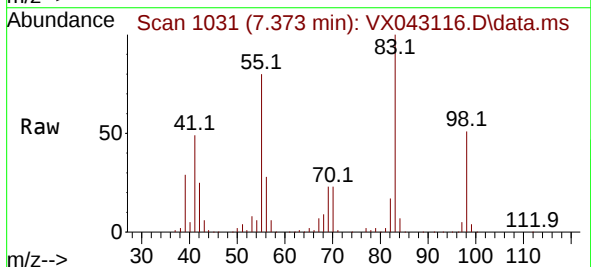


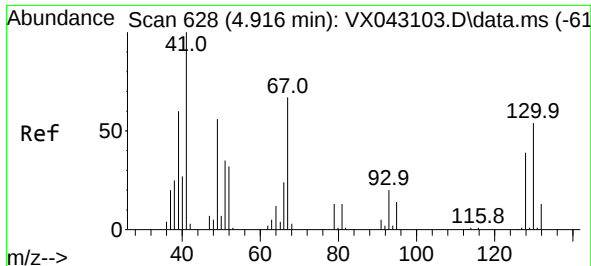
Tgt Ion:117 Resp: 8687
Ion Ratio Lower Upper
117 100
119 3.9 75.5 113.3#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 108.627 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

Tgt Ion: 83 Resp: 176658
Ion Ratio Lower Upper
83 100
55 80.0 60.2 90.4
98 50.8 38.6 58.0

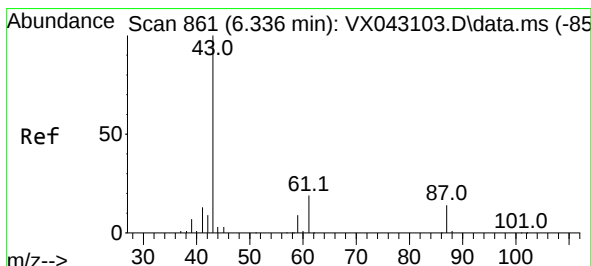
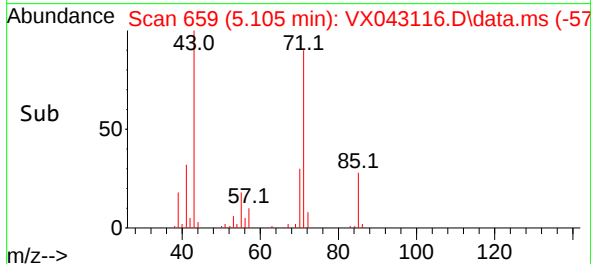
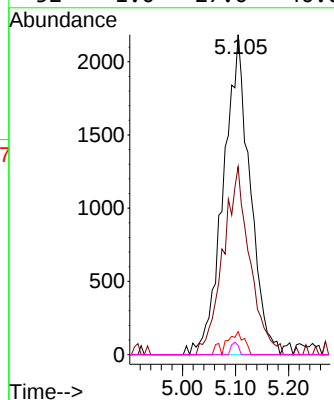
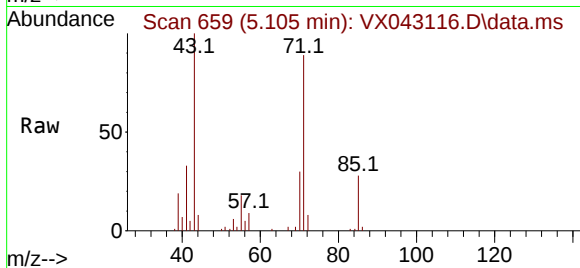




#41
Methacrylonitrile
Concen: 9.450 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.189 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

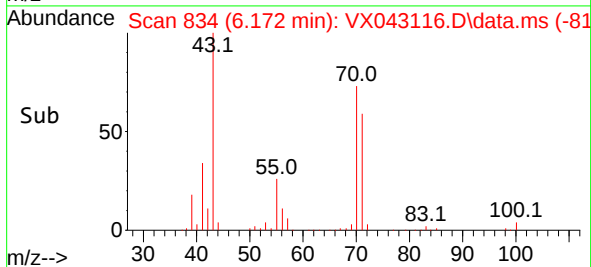
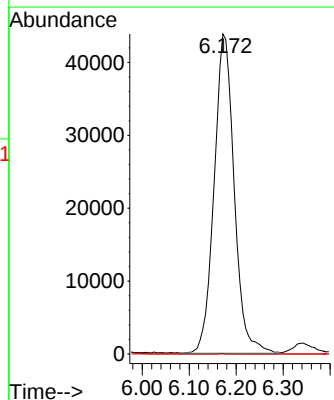
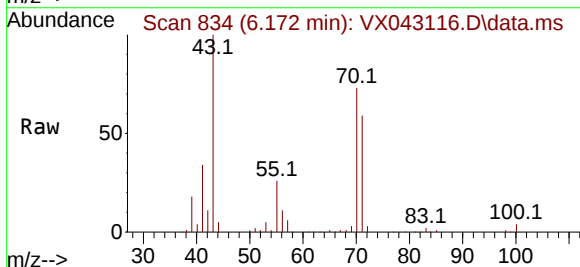
Instrument :
MSVOA_X
ClientSampleId :

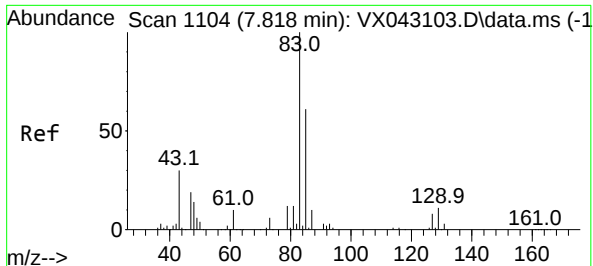
Tgt Ion:	41	Resp:	7647
Ion	Ratio	Lower	Upper
41	100		
39	58.9	46.8	70.2
67	4.1	57.0	85.6#
52	1.0	27.0	40.6#



#43
Isopropyl Acetate
Concen: 47.704 ug/l
RT: 6.172 min Scan# 834
Delta R.T. -0.165 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

Tgt Ion:	43	Resp:	129692
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.0	22.6#
87	0.0	10.6	16.0#





#47

Bromodichloromethane

Concen: 0.373 ug/l

RT: 7.757 min Scan# 1094

Delta R.T. -0.061 min

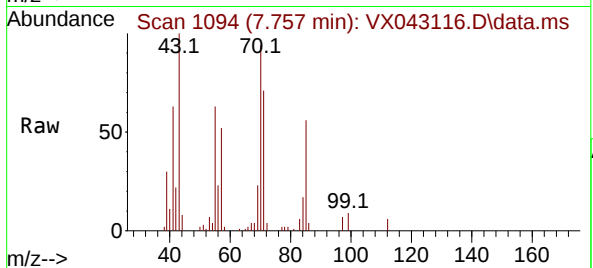
Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

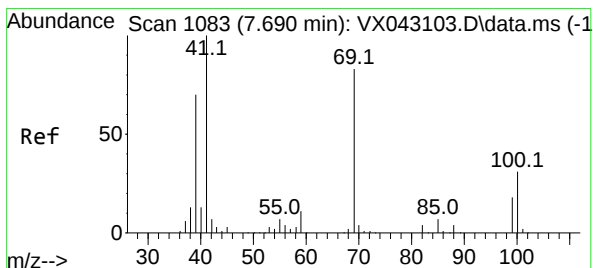
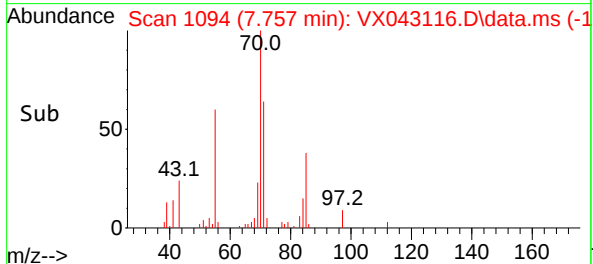
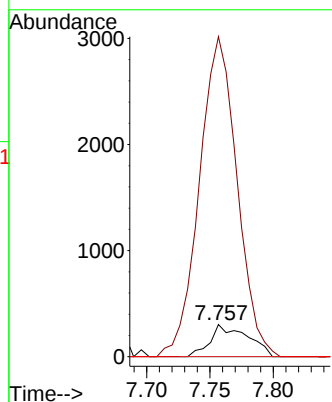
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 83	Resp: 622
Ion Ratio	Lower Upper
83	100
85	995.4 49.1 73.7#
127	0.0 6.6 9.8#



#48

Methyl methacrylate

Concen: 37.256 ug/l

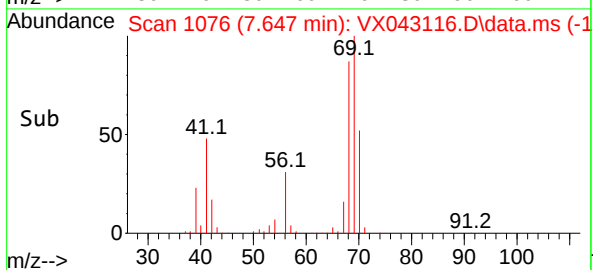
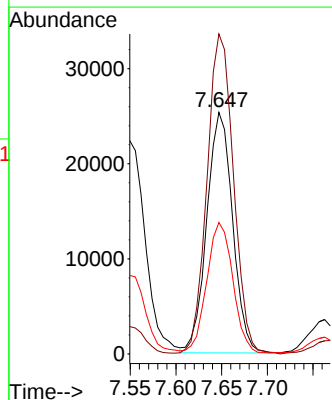
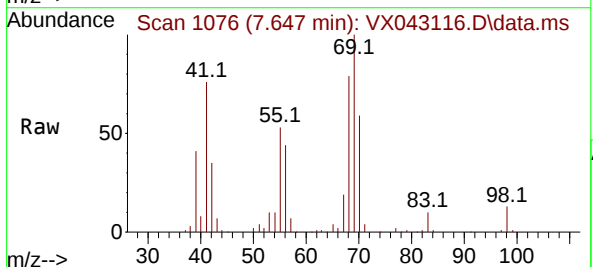
RT: 7.647 min Scan# 1076

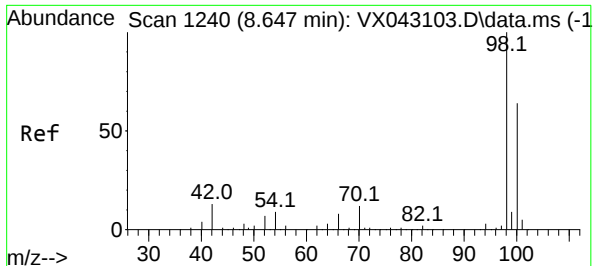
Delta R.T. -0.043 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Tgt Ion: 41	Resp: 49750
Ion Ratio	Lower Upper
41	100
69	136.3 65.0 97.6#
39	54.7 55.0 82.6#

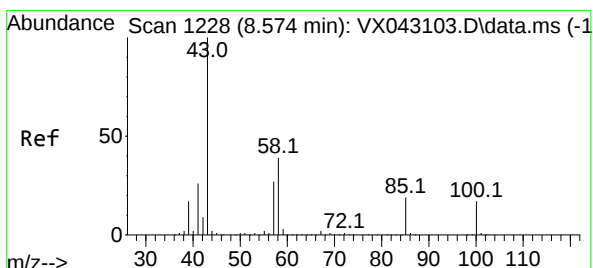
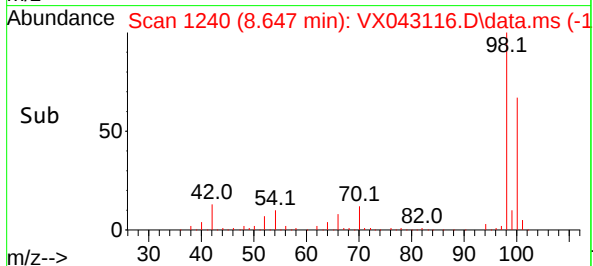
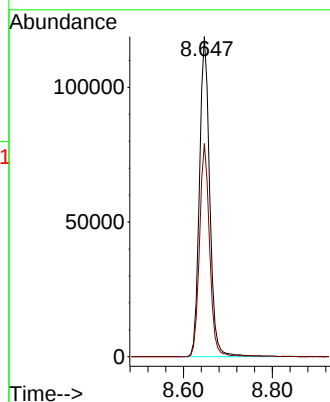
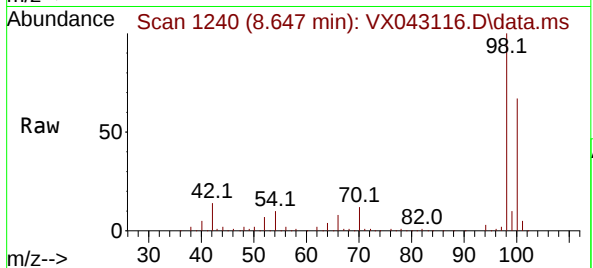




#50
Toluene-d8
Concen: 53.361 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

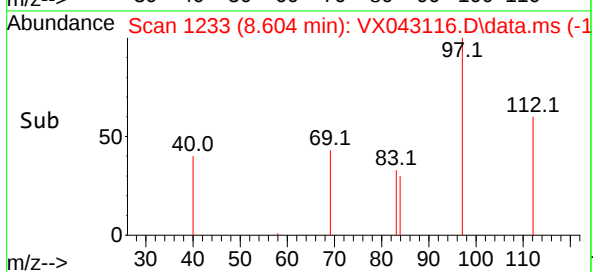
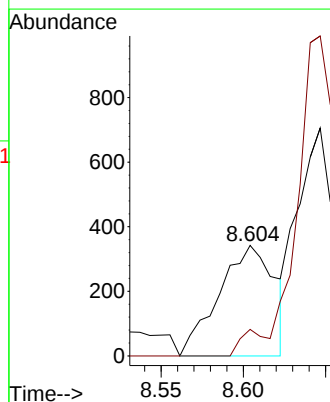
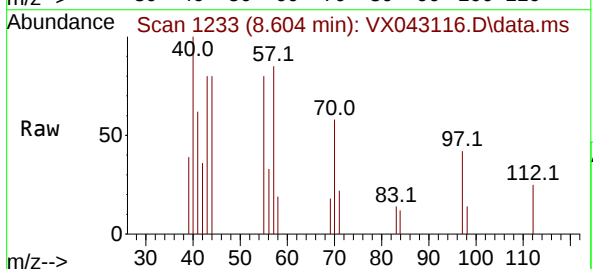
Instrument :
MSVOA_X
ClientSampleId :

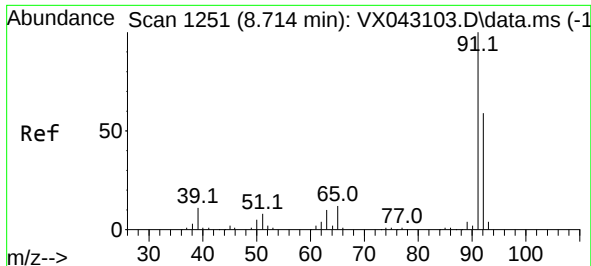
Tgt Ion: 98 Resp: 190385
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 8.604 min Scan# 1233
Delta R.T. 0.030 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
58 0.0 30.3 45.5#

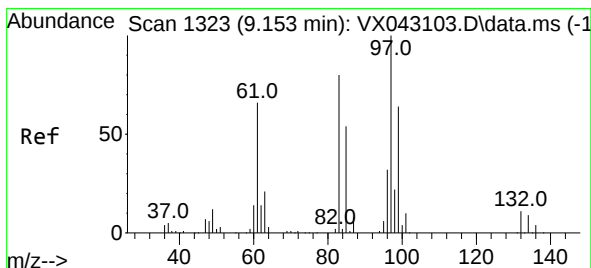
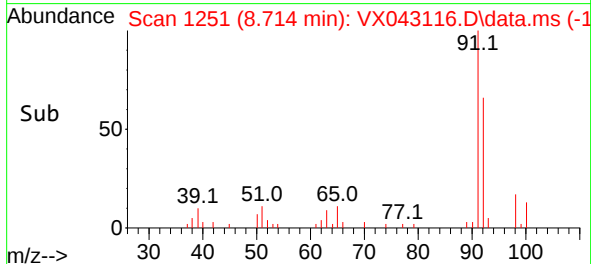
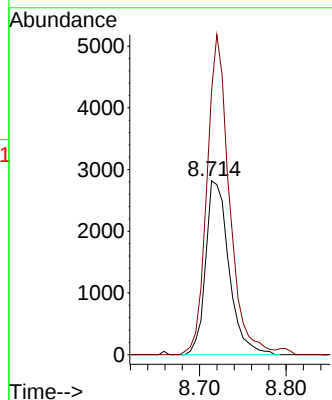
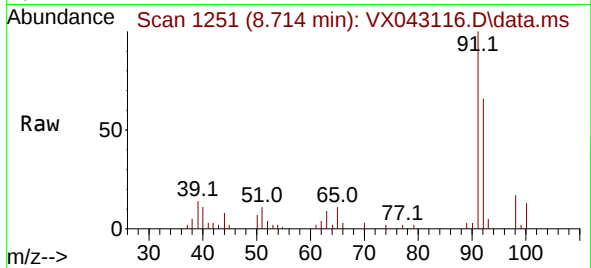




#52
Toluene
Concen: 2.137 ug/l
RT: 8.714 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

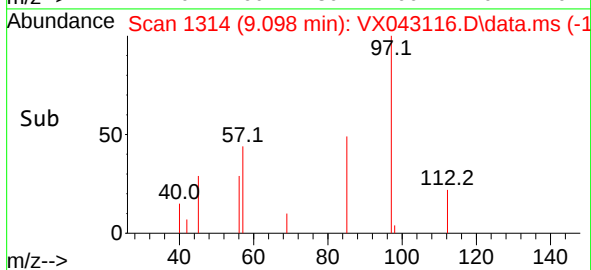
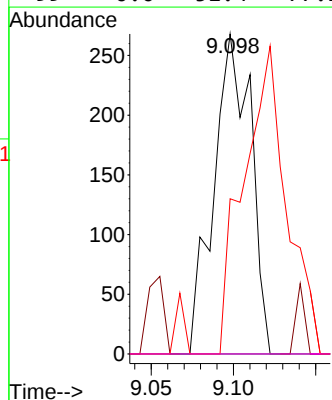
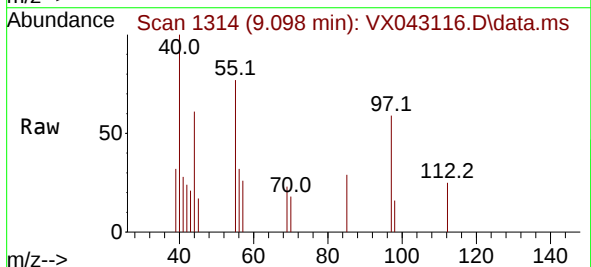
Instrument :
MSVOA_X
ClientSampleId :

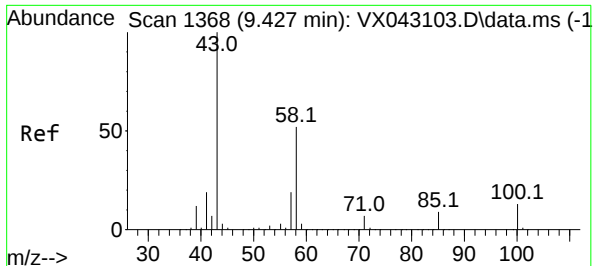
Tgt Ion: 92 Resp: 5262
Ion Ratio Lower Upper
92 100
91 177.1 135.9 203.9



#55
1,1,2-Trichloroethane
Concen: 0.416 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.055 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

Tgt Ion: 97 Resp: 422
Ion Ratio Lower Upper
97 100
83 0.0 64.2 96.4#
85 29.5 43.0 64.6#
99 0.0 51.4 77.2#





#59

2-Hexanone

Concen: 0.266 ug/l

RT: 9.378 min Scan# 11

Delta R.T. -0.049 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Instrument :

MSVOA_X

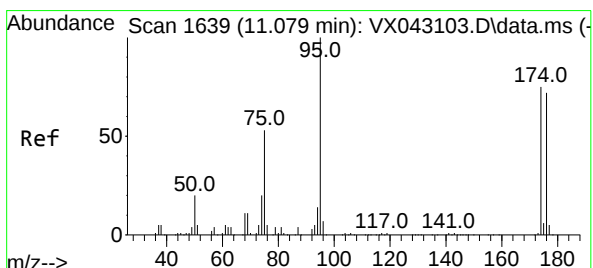
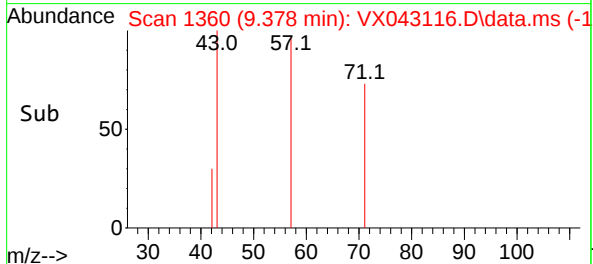
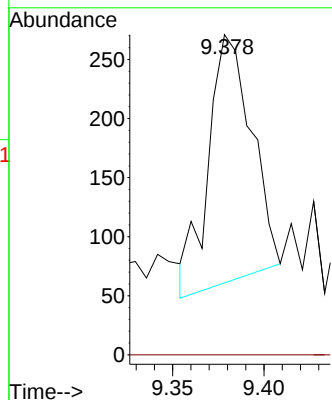
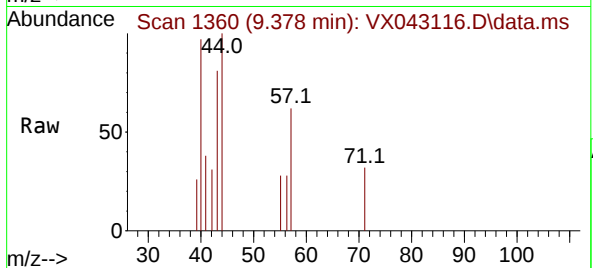
ClientSampleId :

Tgt Ion: 43 Resp: 347

Ion Ratio Lower Upper

43 100

58 0.0 26.1 78.2#



#62

4-Bromofluorobenzene

Concen: 56.153 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

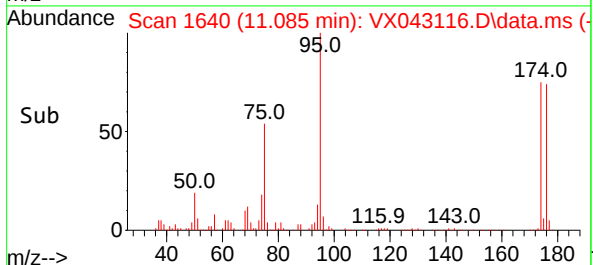
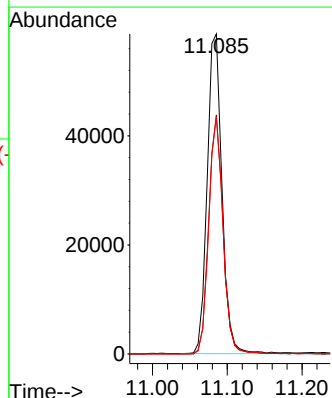
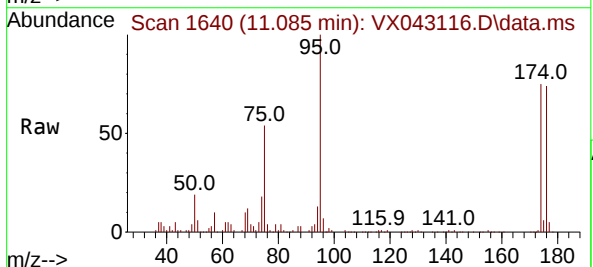
Tgt Ion: 95 Resp: 80683

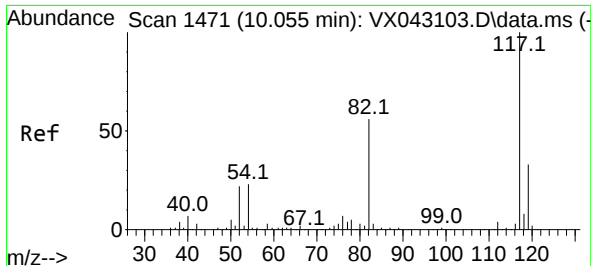
Ion Ratio Lower Upper

95 100

174 72.2 0.0 146.0

176 71.5 0.0 142.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :

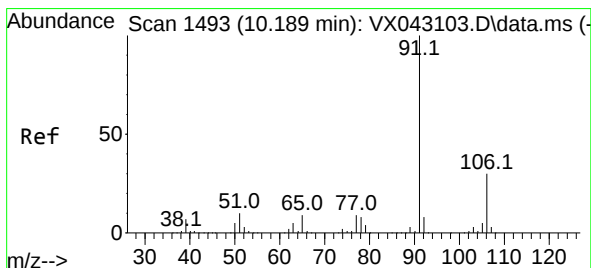
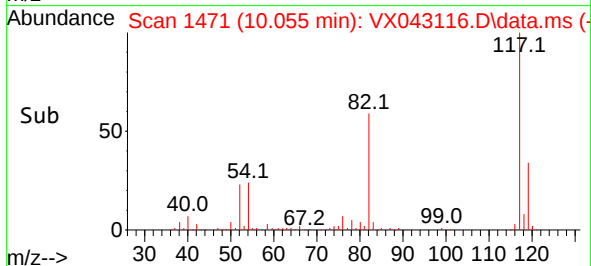
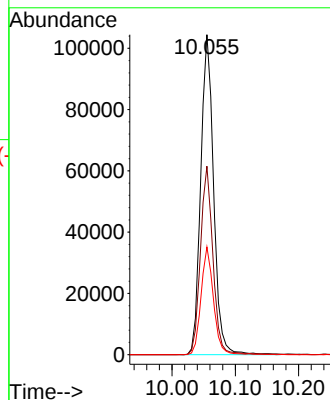
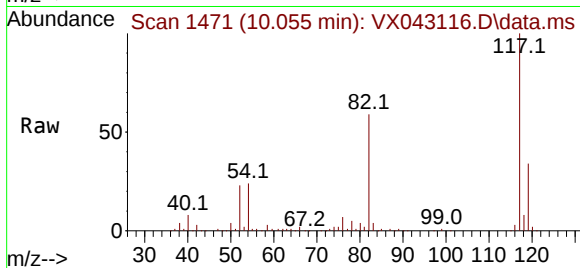
Tgt Ion:117 Resp: 148535

Ion Ratio Lower Upper

117 100

82 58.9 44.7 67.1

119 33.6 26.3 39.5



#67

Ethyl Benzene

Concen: 0.409 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX043116.D

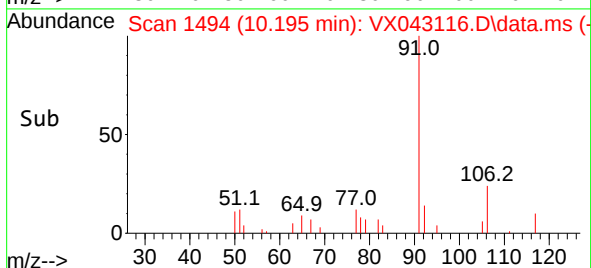
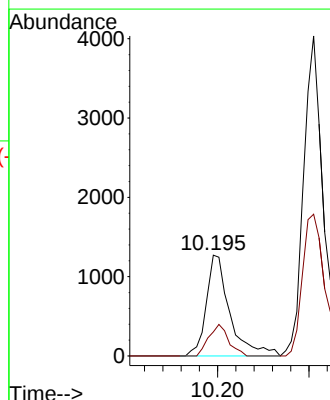
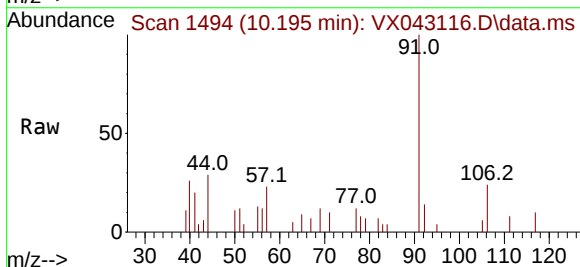
Acq: 24 Sep 2024 12:21

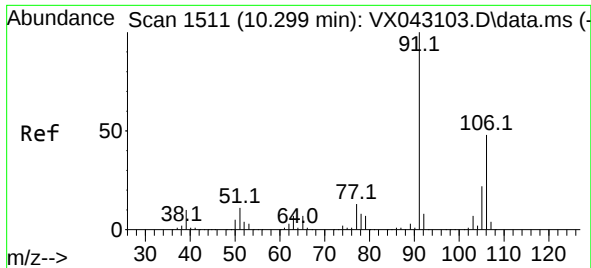
Tgt Ion: 91 Resp: 2269

Ion Ratio Lower Upper

91 100

106 23.7 24.2 36.4#

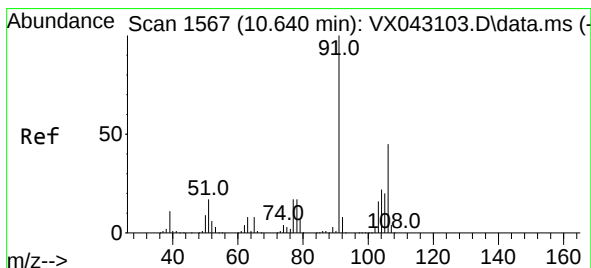
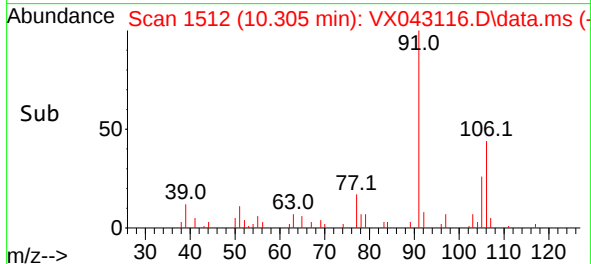
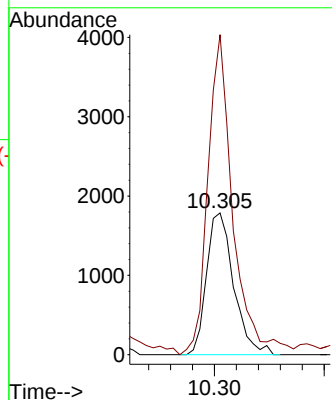
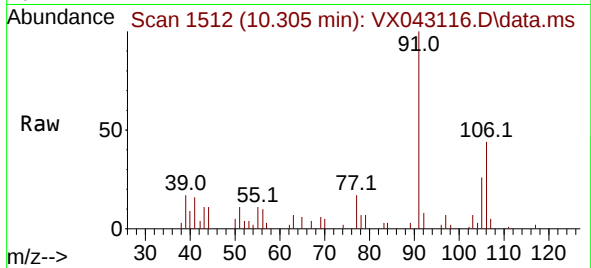




#68
m/p-Xylenes
Concen: 1.484 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

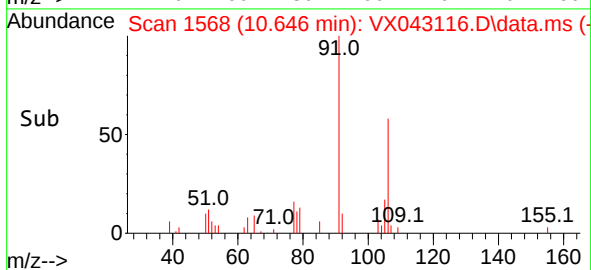
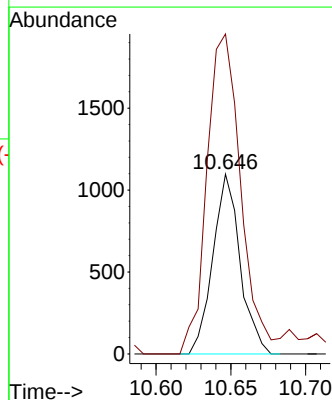
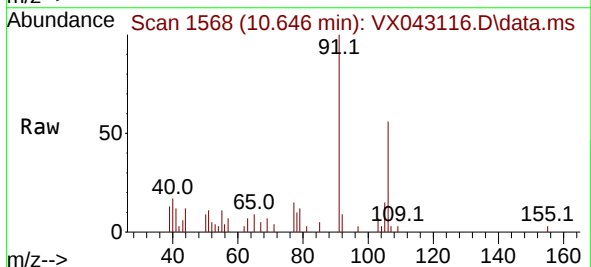
Instrument :
MSVOA_X
ClientSampleId :

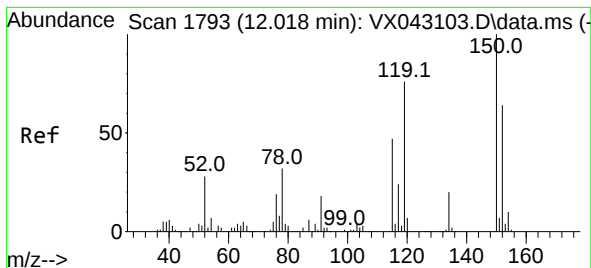
Tgt Ion:106 Resp: 3061
Ion Ratio Lower Upper
106 100
91 208.3 167.5 251.3



#69
o-Xylene
Concen: 0.671 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

Tgt Ion:106 Resp: 1388
Ion Ratio Lower Upper
106 100
91 222.8 112.5 337.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :

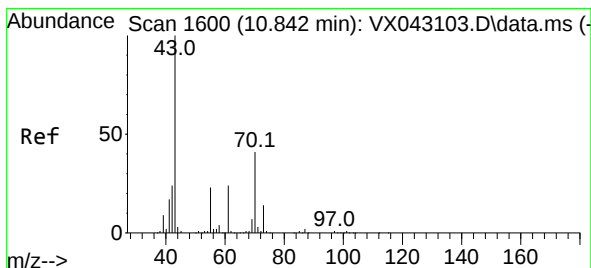
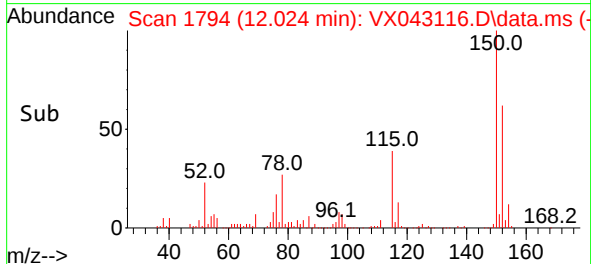
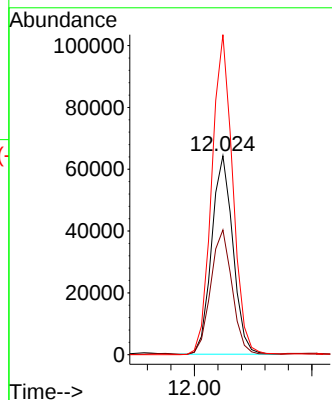
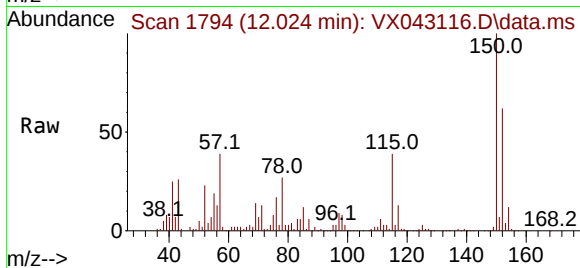
Tgt Ion:152 Resp: 80628

Ion Ratio Lower Upper

152 100

115 63.1 43.7 131.1

150 159.8 0.0 344.6



#74

N-ethyl acetate

Concen: 0.200 ug/l

RT: 10.860 min Scan# 1603

Delta R.T. 0.018 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Tgt Ion: 43 Resp: 569

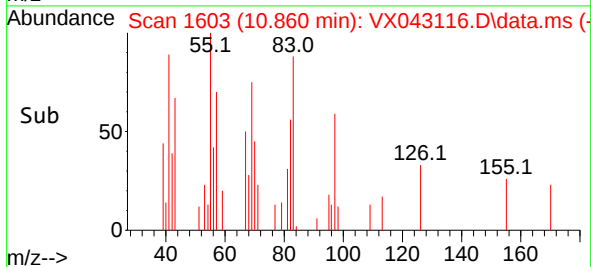
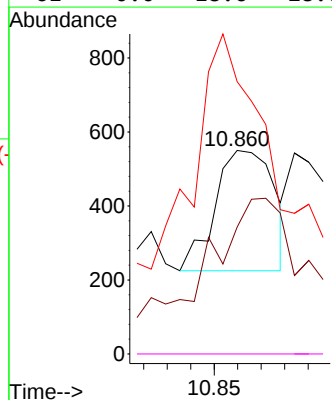
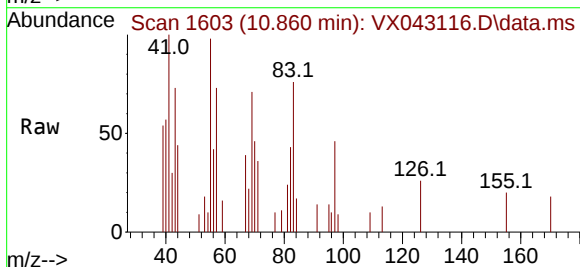
Ion Ratio Lower Upper

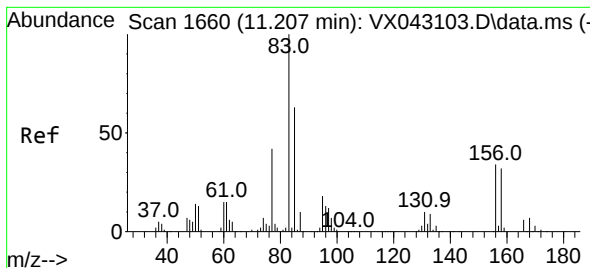
43 100

70 244.6 32.5 48.7#

55 294.9 18.2 27.4#

61 0.0 18.6 28.0#

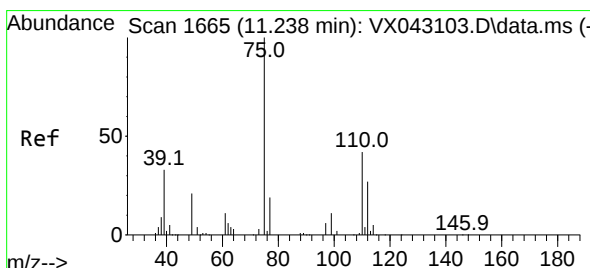
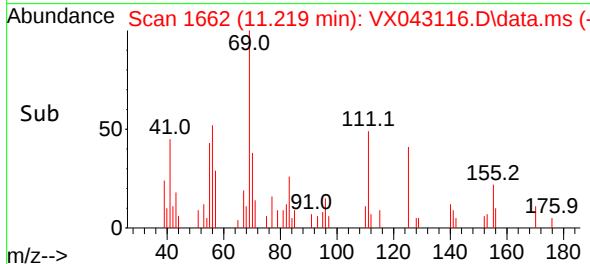
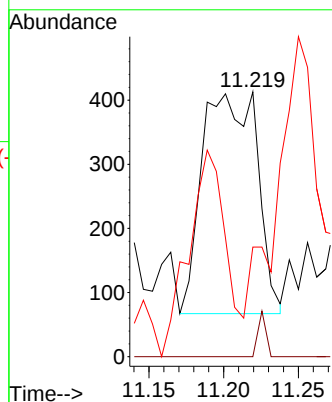
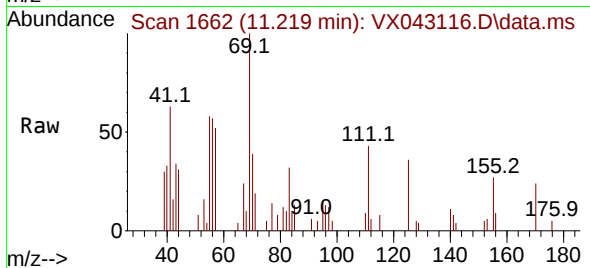




#75
1,1,2,2-Tetrachloroethane
Concen: 0.450 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.012 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

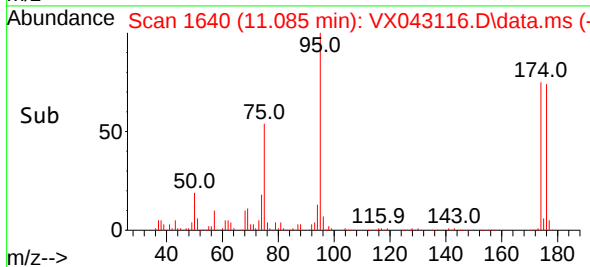
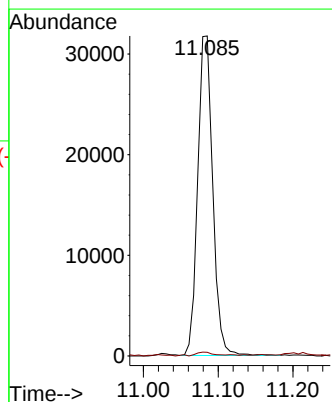
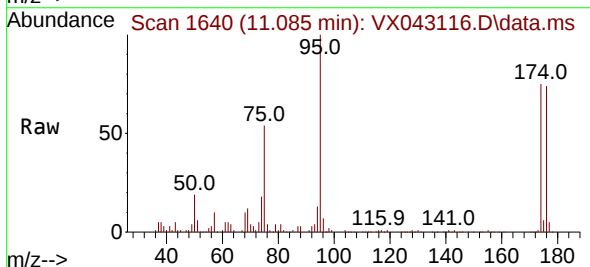
Instrument :
MSVOA_X
ClientSampleId :

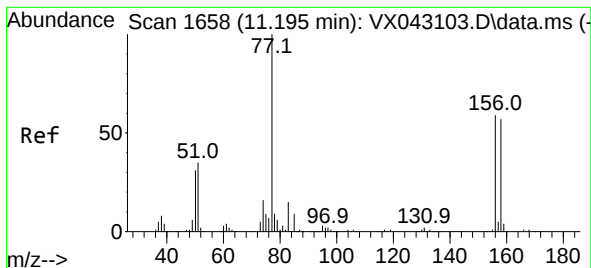
Tgt Ion: 83 Resp: 875
Ion Ratio Lower Upper
83 100
131 3.0 5.3 15.8#
85 0.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 25.859 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

Tgt Ion: 75 Resp: 44328
Ion Ratio Lower Upper
75 100
77 1.6 21.9 65.7#





#77

Bromobenzene

Concen: 0.269 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.012 min

Lab File: VX043116.D

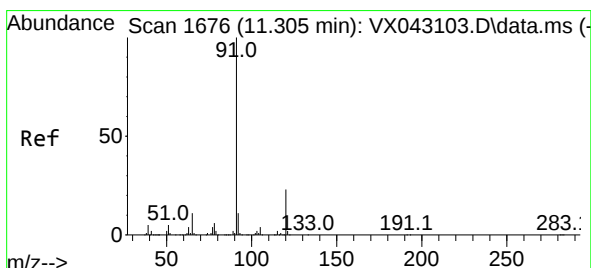
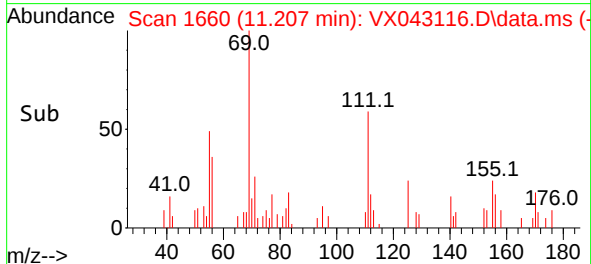
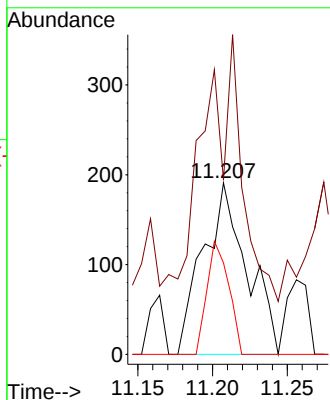
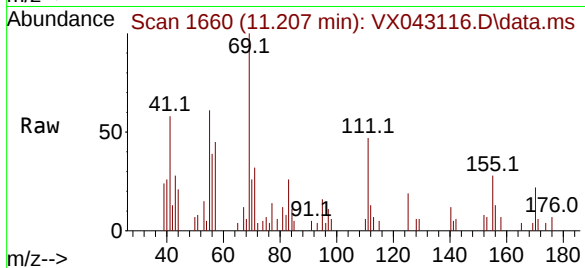
Acq: 24 Sep 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	156	Resp:	390
Ion Ratio	Lower	Upper	
156	100		
77	128.5	82.5	247.3
158	32.6	48.2	144.6#



#78

n-propylbenzene

Concen: 0.463 ug/l

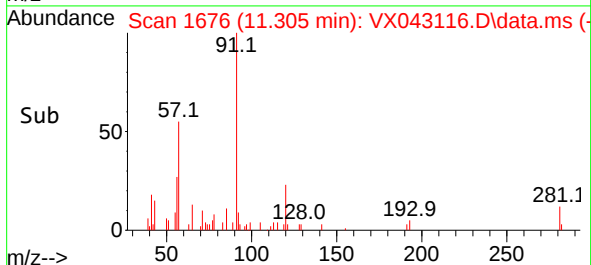
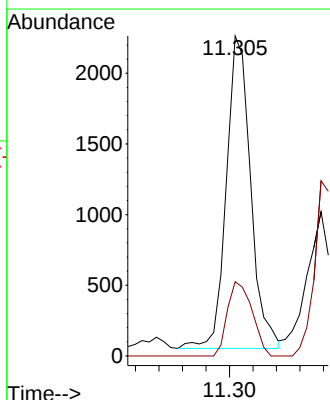
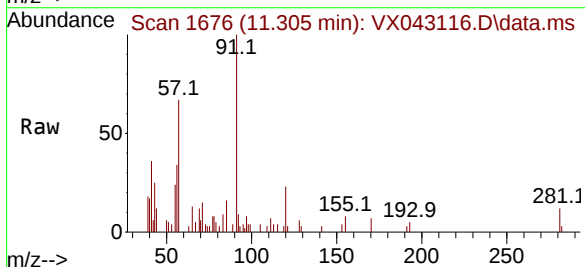
RT: 11.305 min Scan# 1676

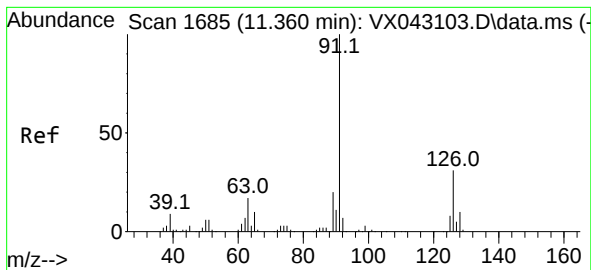
Delta R.T. -0.000 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Tgt Ion:	91	Resp:	3178
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.5	34.5





#79

2-Chlorotoluene

Concen: 0.353 ug/l

RT: 11.463 min Scan# 1702

Delta R.T. 0.103 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Instrument :

MSVOA_X

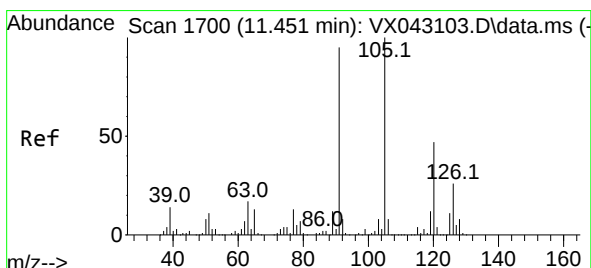
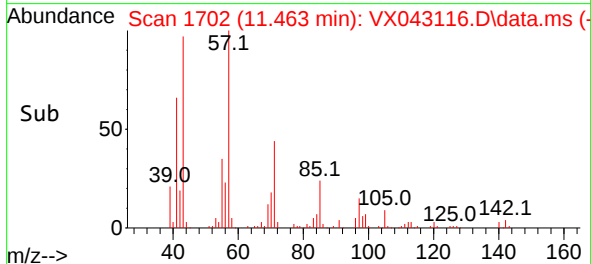
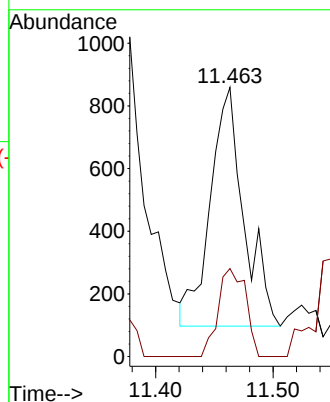
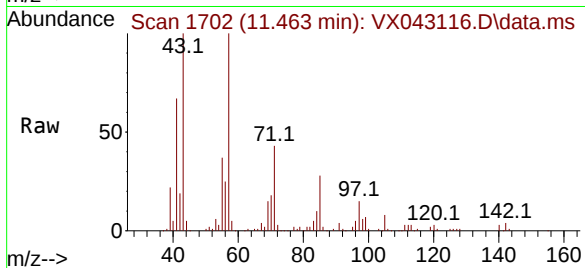
ClientSampleId :

Tgt Ion: 91 Resp: 1520

Ion Ratio Lower Upper

91 100

126 30.0 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 0.955 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043116.D

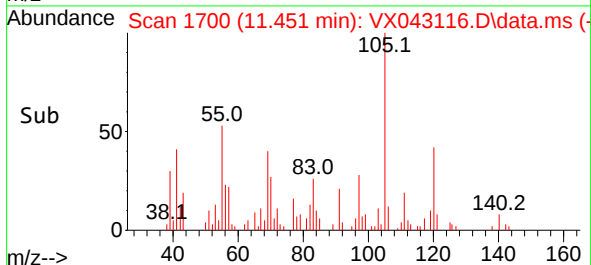
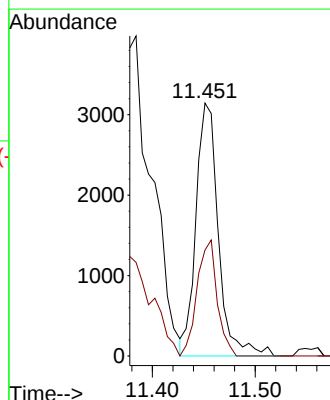
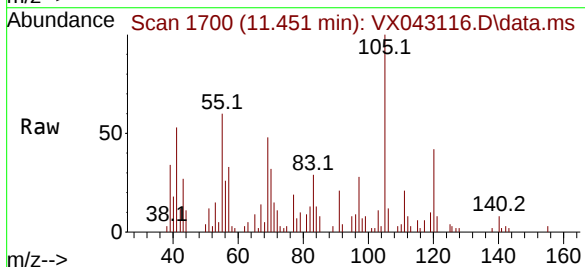
Acq: 24 Sep 2024 12:21

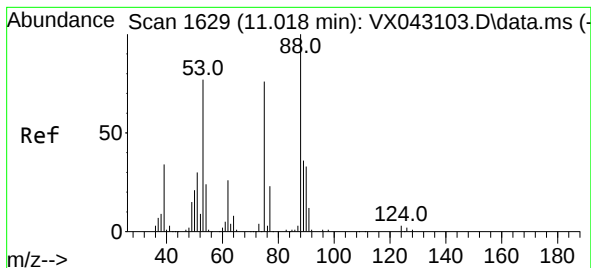
Tgt Ion: 105 Resp: 4780

Ion Ratio Lower Upper

105 100

120 40.9 23.5 70.5

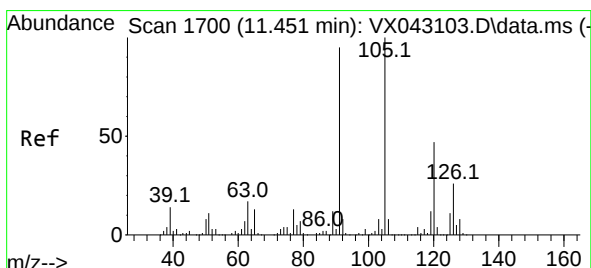
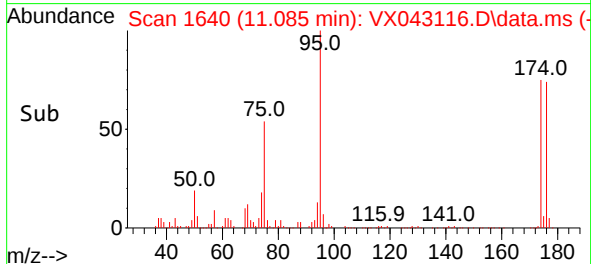
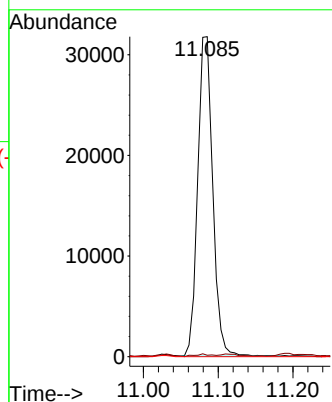
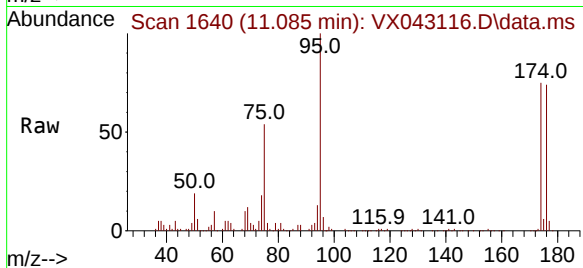




#81
trans-1,4-Dichloro-2-butene
Concen: 61.612 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

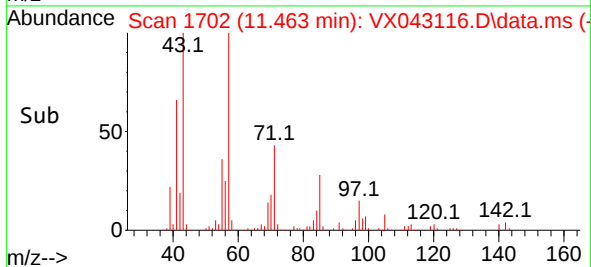
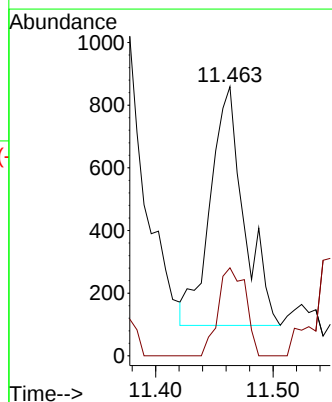
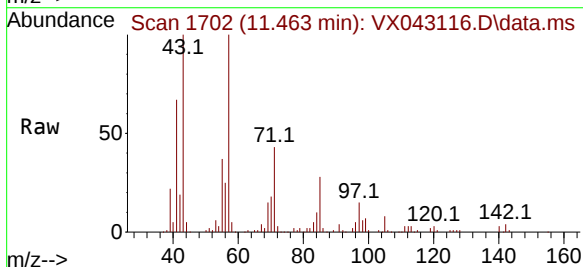
Instrument :
MSVOA_X
ClientSampleId :

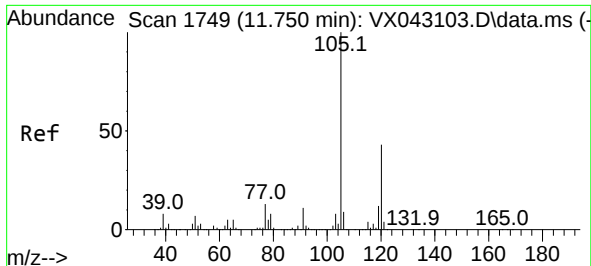
Tgt Ion: 75 Resp: 44328
Ion Ratio Lower Upper
75 100
53 0.9 85.4 128.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.309 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

Tgt Ion: 91 Resp: 1520
Ion Ratio Lower Upper
91 100
126 30.0 14.1 42.4

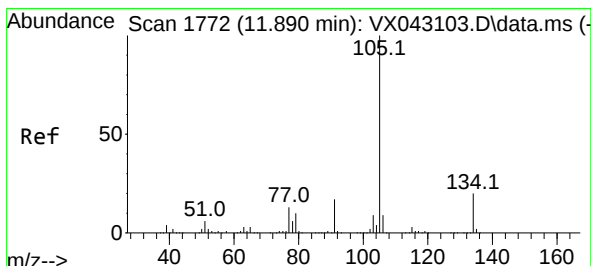
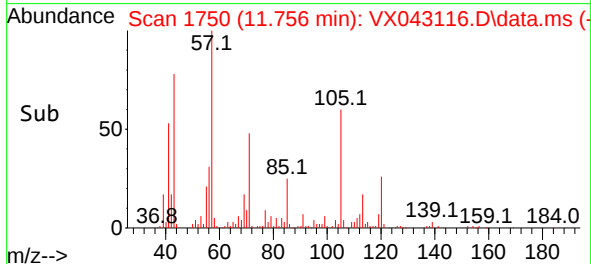
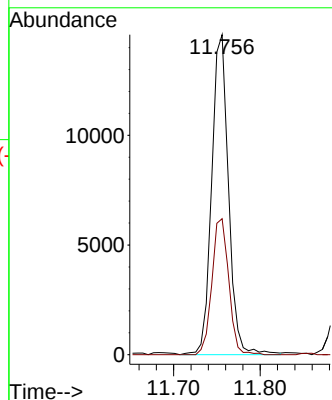
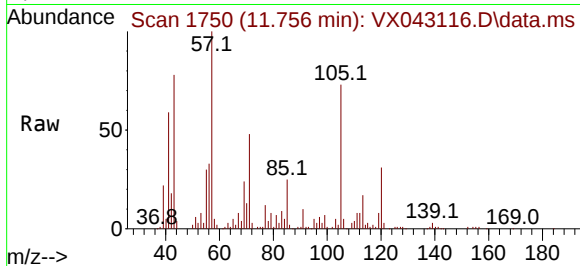




#84
1,2,4-Trimethylbenzene
Concen: 3.958 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

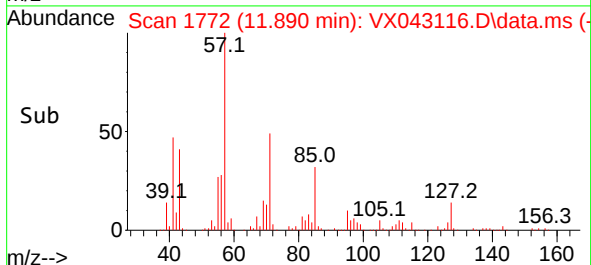
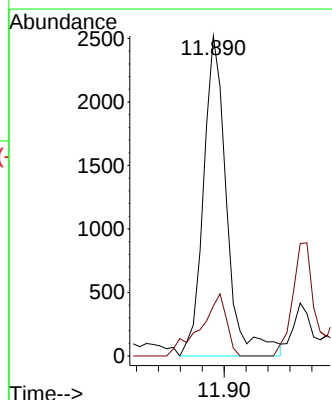
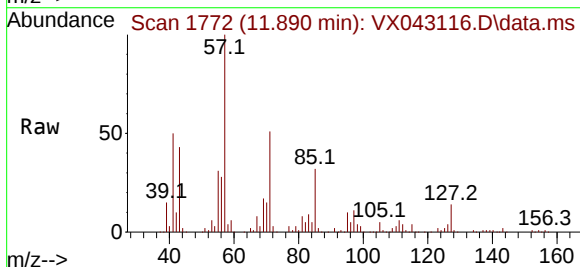
Instrument :
MSVOA_X
ClientSampleId :

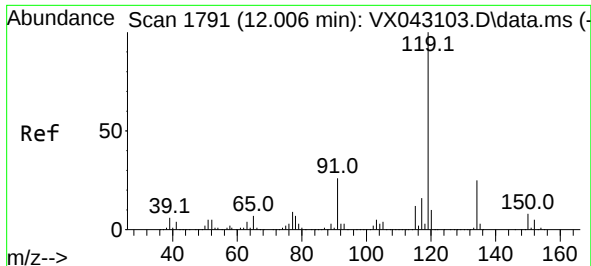
Tgt Ion:105 Resp: 19699
Ion Ratio Lower Upper
105 100
120 42.4 21.8 65.4



#85
sec-Butylbenzene
Concen: 0.584 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX043116.D
Acq: 24 Sep 2024 12:21

Tgt Ion:105 Resp: 3703
Ion Ratio Lower Upper
105 100
134 21.6 10.0 29.8

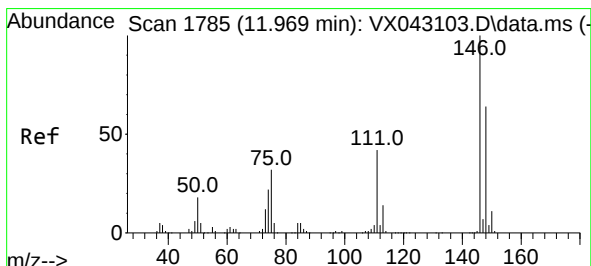
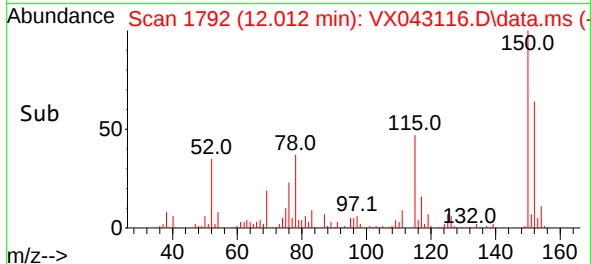
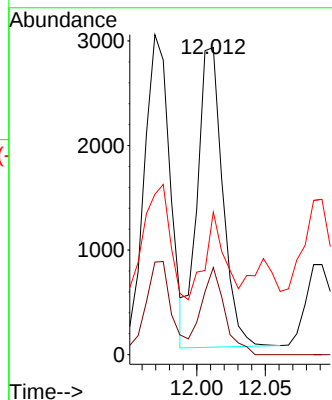
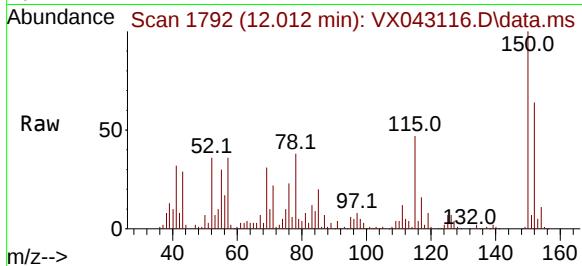




#86
 p-Isopropyltoluene
 Concen: 0.704 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX043116.D
 Acq: 24 Sep 2024 12:21

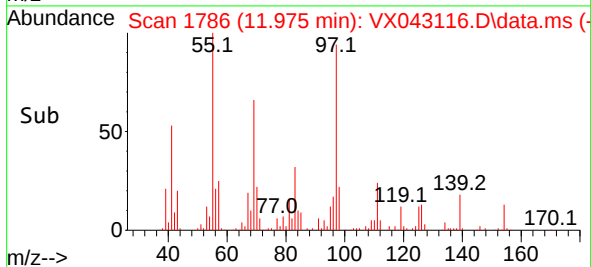
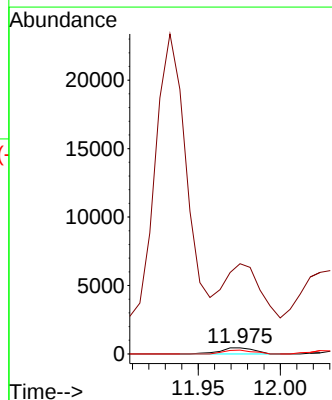
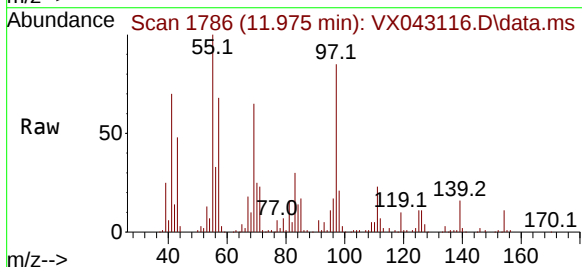
Instrument :
 MSVOA_X
 ClientSampleId :

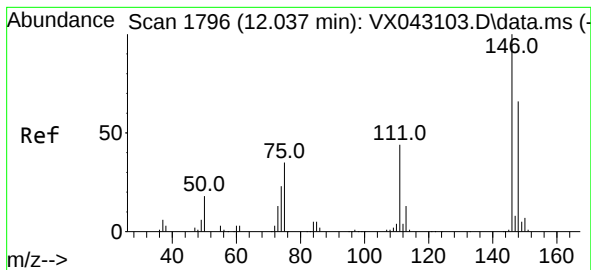
Tgt Ion:119 Resp: 3701
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.6
 91 22.1 13.3 39.8



#87
 1,3-Dichlorobenzene
 Concen: 0.242 ug/l
 RT: 11.975 min Scan# 1786
 Delta R.T. 0.006 min
 Lab File: VX043116.D
 Acq: 24 Sep 2024 12:21

Tgt Ion:146 Resp: 641
 Ion Ratio Lower Upper
 146 100
 111 912.0 21.6 64.6#
 148 54.4 31.9 95.5





#88

1,4-Dichlorobenzene

Concen: 0.269 ug/l

RT: 12.043 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :

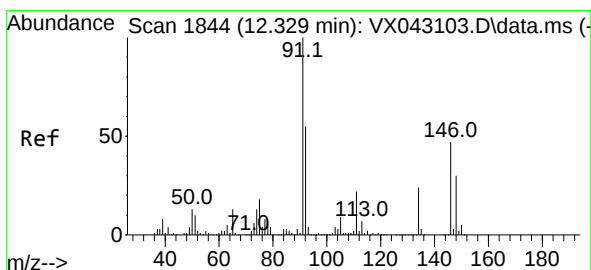
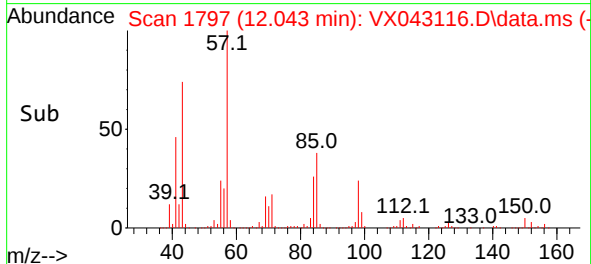
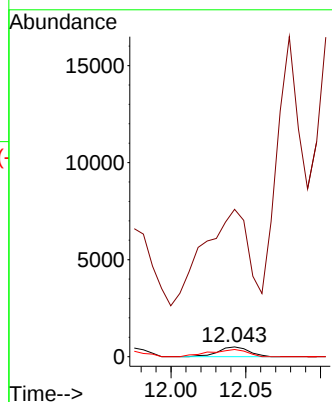
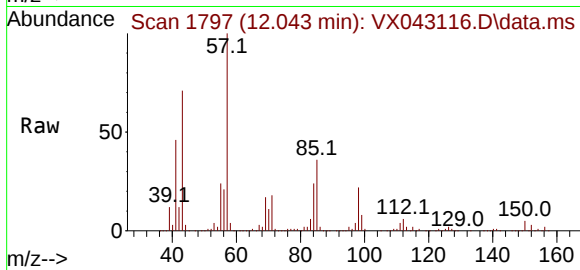
Tgt Ion:146 Resp: 715

Ion Ratio Lower Upper

146 100

111 1432.9 21.2 63.6#

148 89.7 32.6 98.0



#89

n-Butylbenzene

Concen: 5.810 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

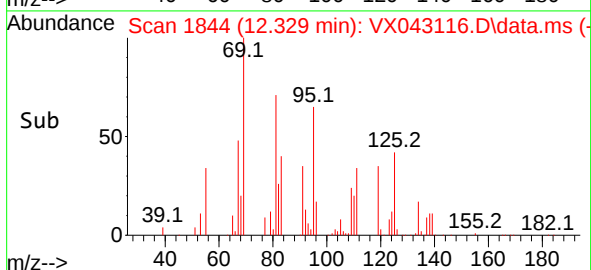
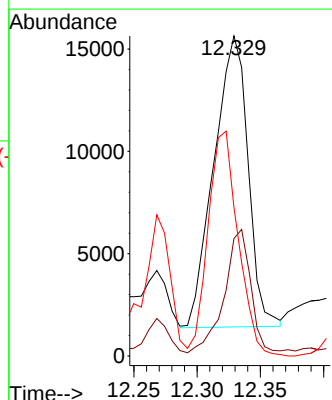
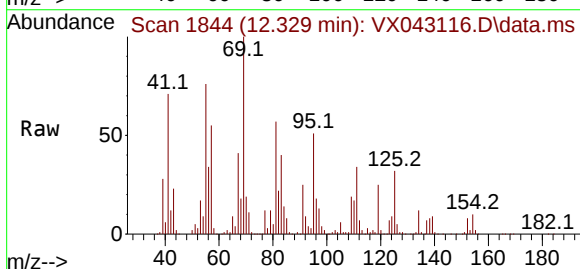
Tgt Ion: 91 Resp: 26634

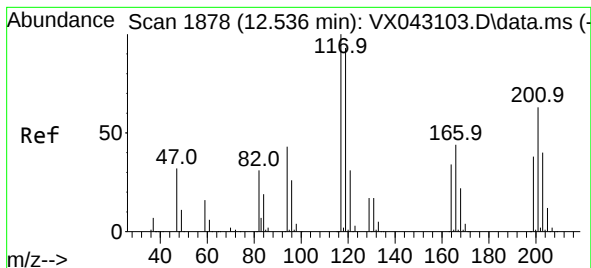
Ion Ratio Lower Upper

91 100

92 32.8 26.9 80.7

134 68.0 12.6 37.6#





#90

Hexachloroethane

Concen: 2.619 ug/l

RT: 12.530 min Scan# 117

Delta R.T. -0.006 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Instrument :

MSVOA_X

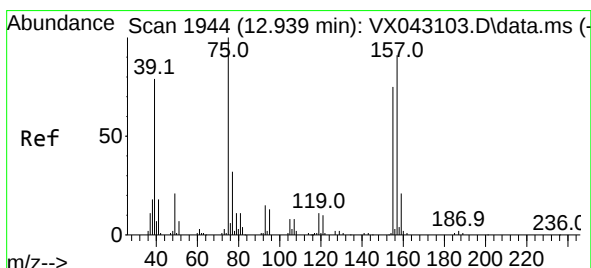
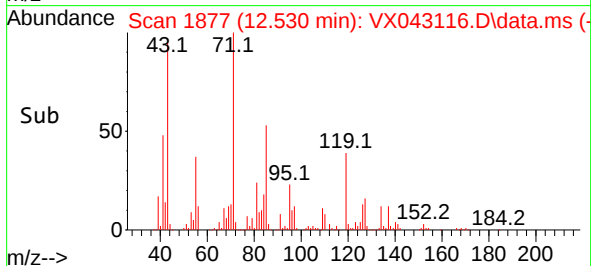
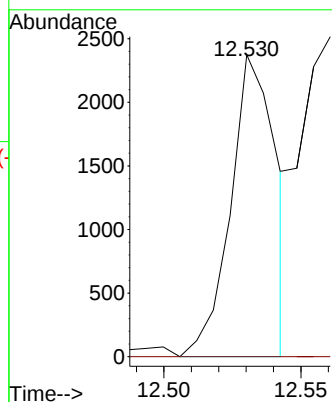
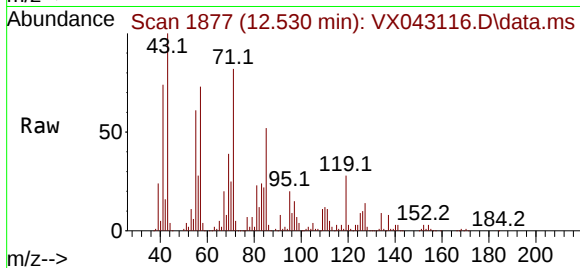
ClientSampleId :

Tgt Ion:117 Resp: 2746

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.057 ug/l

RT: 12.920 min Scan# 1941

Delta R.T. -0.018 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

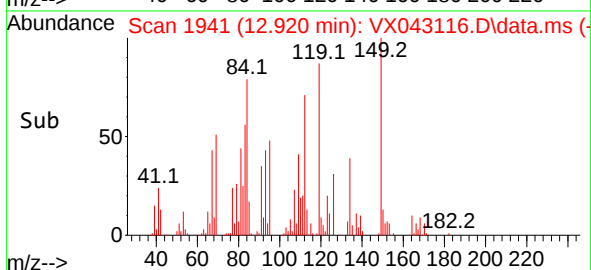
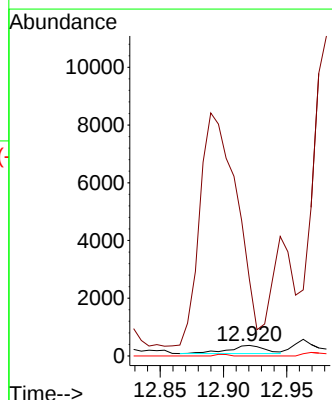
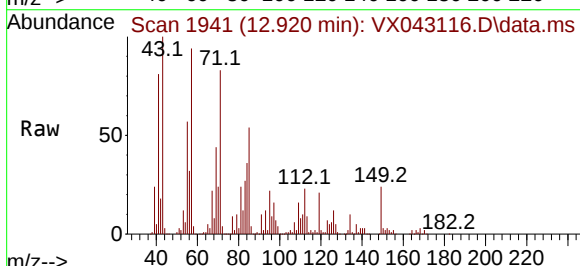
Tgt Ion: 75 Resp: 556

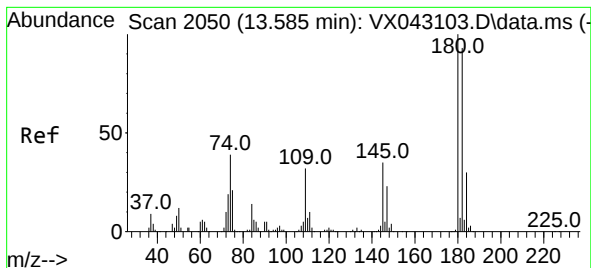
Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.8#

157 0.0 49.2 147.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.690 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :

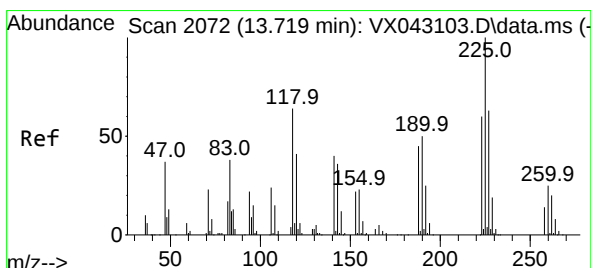
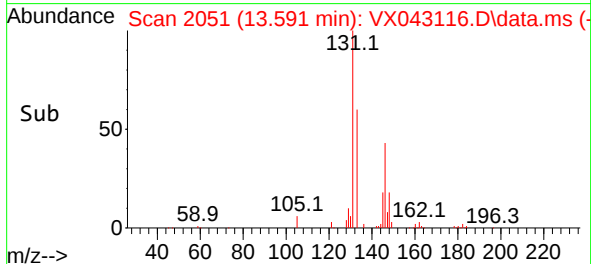
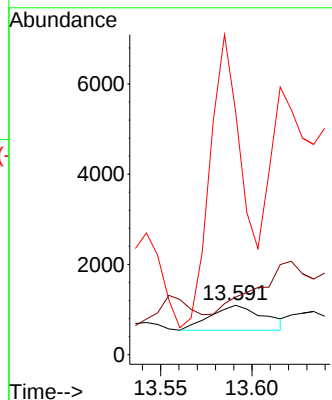
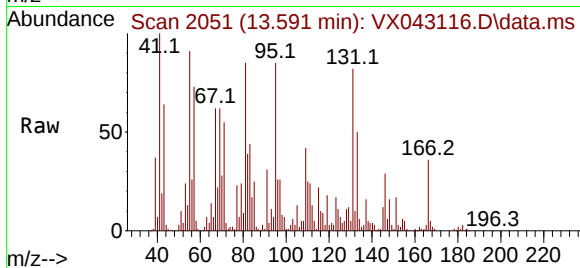
Tgt Ion:180 Resp: 1115

Ion Ratio Lower Upper

180 100

182 0.0 46.7 140.0#

145 726.1 17.0 50.9#



#94

Hexachlorobutadiene

Concen: 0.339 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

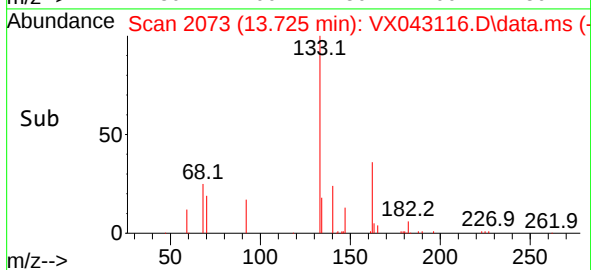
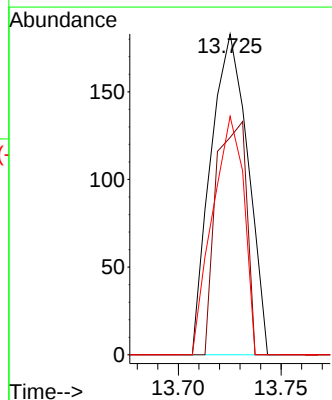
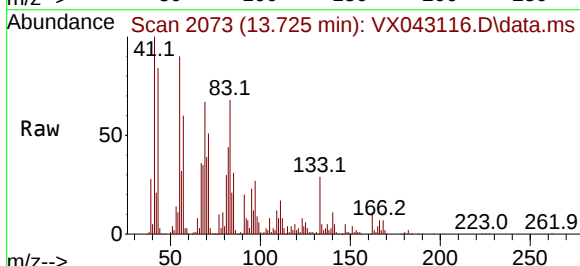
Tgt Ion:225 Resp: 230

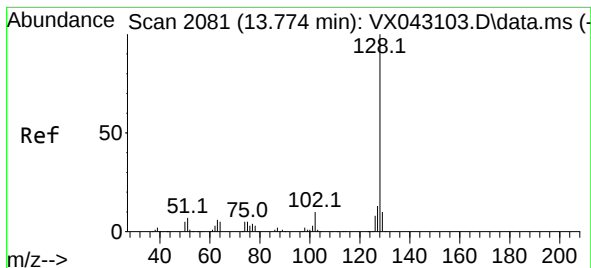
Ion Ratio Lower Upper

225 100

223 59.1 31.8 95.4

227 62.6 31.9 95.7





#95

Naphthalene

Concen: 5.616 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :

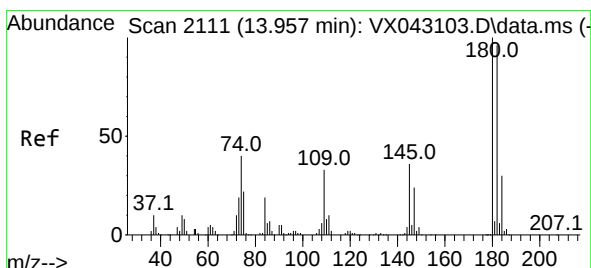
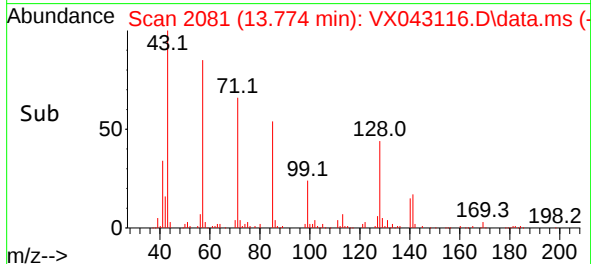
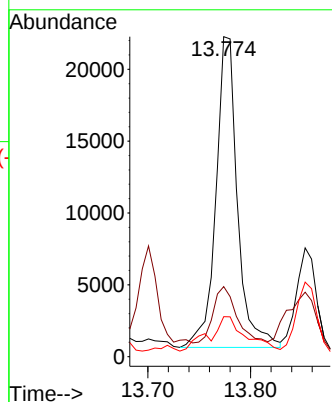
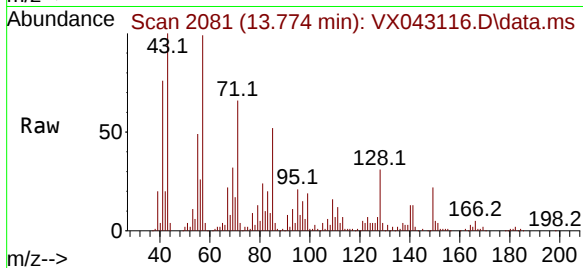
Tgt Ion:128 Resp: 31548

Ion Ratio Lower Upper

128 100

127 19.5 10.2 15.4#

129 18.7 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 2.411 ug/l

RT: 13.975 min Scan# 2114

Delta R.T. 0.018 min

Lab File: VX043116.D

Acq: 24 Sep 2024 12:21

Tgt Ion:180 Resp: 3871

Ion Ratio Lower Upper

180 100

182 32.7 47.8 143.4#

145 393.4 17.7 53.1#

