

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113022\
 Data File : VX033136.D
 Acq On : 30 Nov 2022 16:51
 Operator : JC/MD
 Sample : N5815-21 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-3R

Quant Time: Dec 01 00:22:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	148962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236943	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113994	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78426	54.139	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.280%	
35) Dibromofluoromethane	5.391	113	61433	45.990	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.980%	
50) Toluene-d8	8.647	98	212045	52.883	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.760%	
62) 4-Bromofluorobenzene	11.079	95	83343	47.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.000%	

Target Compounds						Qvalue
3) Chloromethane	1.295	50	349	0.284	ug/l #	83
6) Chloroethane	1.685	64	492	0.442	ug/l	99
11) Tert butyl alcohol	2.947	59	2739	11.911	ug/l #	72
13) Acrolein	2.215	56	2570	9.730	ug/l #	1
14) Allyl chloride	2.709	41	4482	2.136	ug/l #	53
15) Acrylonitrile	3.105	53	4447	6.837	ug/l #	39
16) Acetone	2.398	43	17136	25.293	ug/l	99
18) Methyl Acetate	2.782	43	65862	35.119	ug/l #	51
19) Methyl tert-butyl Ether	3.111	73	1910	0.424	ug/l #	1
20) Methylene Chloride	2.794	84	982	Below Cal	#	1
23) Vinyl Acetate	3.733	43	1878	0.525	ug/l #	72
25) 2-Butanone	4.574	43	20245	21.671	ug/l	100
26) 2,2-Dichloropropane	4.300	77	1704	0.810	ug/l #	53
30) Chloroform	5.172	83	2620	0.895	ug/l #	18
31) Cyclohexane	5.477	56	42660	18.149	ug/l #	96
36) 1,1-Dichloropropene	5.556	75	11792	5.521	ug/l #	50
37) Ethyl Acetate	4.574	43	20245	10.864	ug/l #	67
38) Carbon Tetrachloride	5.556	117	15611	6.589	ug/l #	16
39) Methylcyclohexane	7.379	83	28664	11.762	ug/l #	89
40) Benzene	6.038	78	102909	17.184	ug/l	100
41) Methacrylonitrile	4.916	41	258	0.246	ug/l #	21
43) Isopropyl Acetate	6.367	43	1683	0.546	ug/l #	61
45) 1,2-Dichloropropane	7.379	63	466	0.315	ug/l #	1
48) Methyl methacrylate	7.659	41	4906	3.093	ug/l #	61
51) 4-Methyl-2-Pentanone	8.580	43	2366	1.244	ug/l	92
52) Toluene	8.720	92	9471	2.404	ug/l	96
53) t-1,3-Dichloropropene	8.720	75	61	1.542	ug/l #	1
56) Ethyl methacrylate	9.104	69	1185	0.536	ug/l #	68
59) 2-Hexanone	9.433	43	3988	2.839	ug/l	97
67) Ethyl Benzene	10.195	91	895734	118.072	ug/l	99
68) m/p-Xylenes	10.305	106	245128	82.514	ug/l	99
69) o-Xylene	10.640	106	33936	11.806	ug/l	96
70) Styrene	10.640	104	2026	0.431	ug/l #	1
73) Isopropylbenzene	10.964	105	77762	9.546	ug/l	99
76) 1,2,3-Trichloropropane	11.299	75	1659	0.768	ug/l #	1
78) n-propylbenzene	11.305	91	257839	27.684	ug/l	100

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

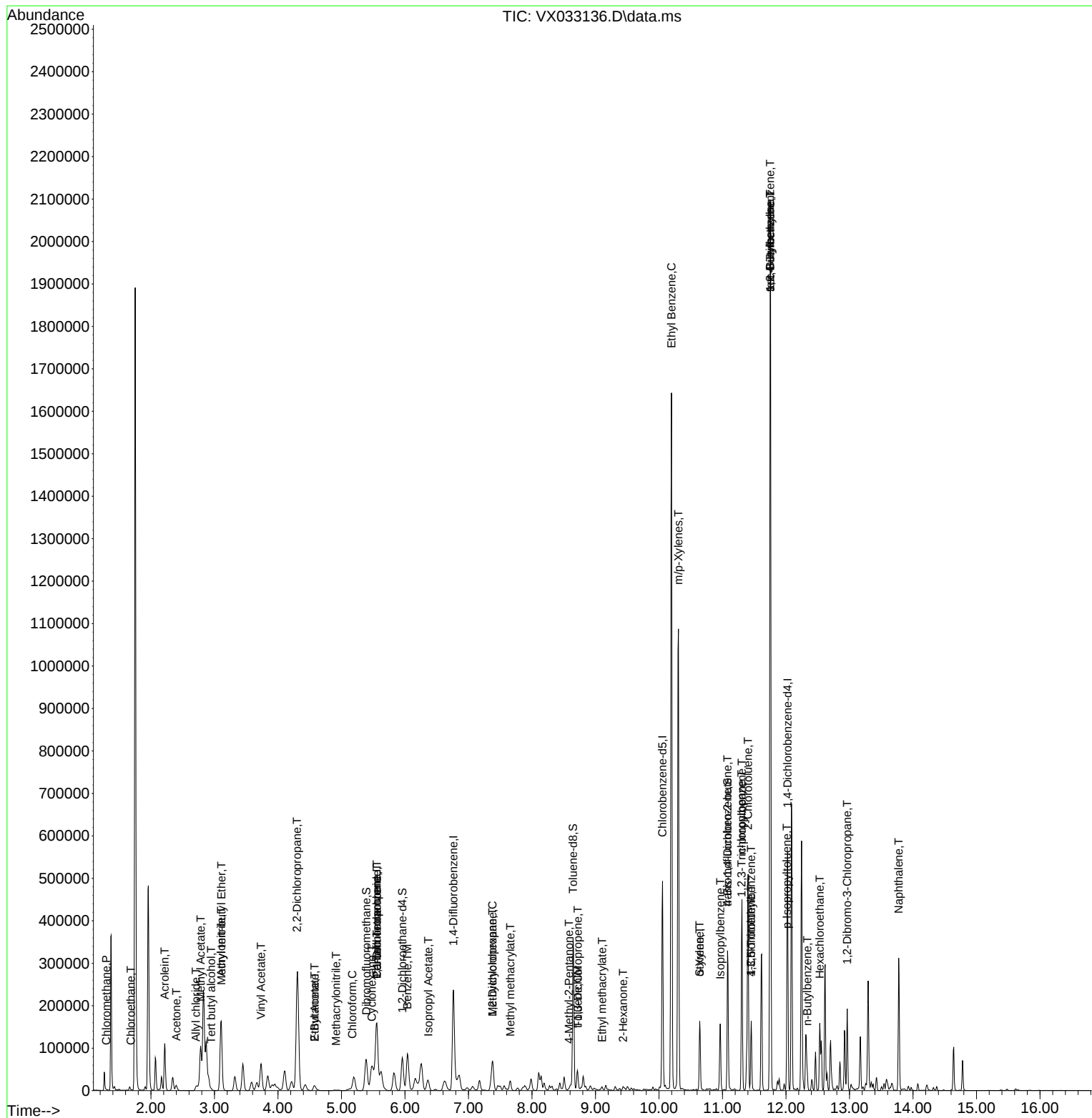
79) 2-Chlorotoluene	11.403	91	34494	6.098	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.451	105	69056	10.091	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	44701	67.303	ug/l #	6
82) 4-Chlorotoluene	11.451	91	7940	1.198	ug/l #	45
83) tert-Butylbenzene	11.750	119	109764	16.114	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.750	105	914197	133.980	ug/l	99
85) sec-Butylbenzene	11.750	105	914197	112.180	ug/l #	57
86) p-Isopropyltoluene	12.012	119	5400	0.782	ug/l #	72
89) n-Butylbenzene	12.335	91	27162	4.566	ug/l #	69
90) Hexachloroethane	12.530	117	7436	6.555	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	12.963	75	618	1.260	ug/l #	1
95) Naphthalene	13.774	128	189739	26.030	ug/l	100

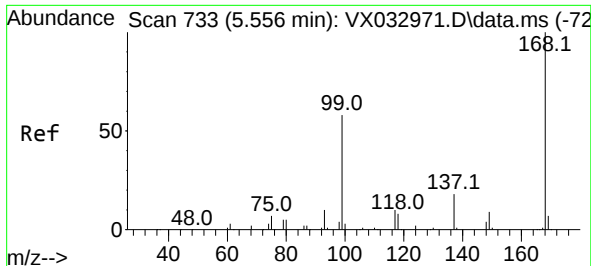
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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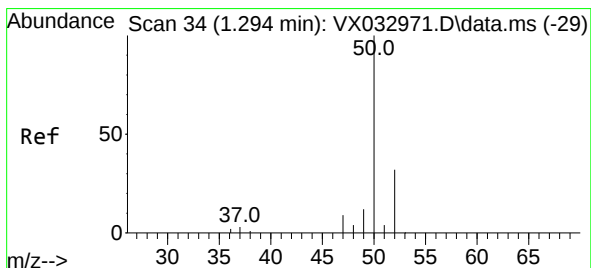
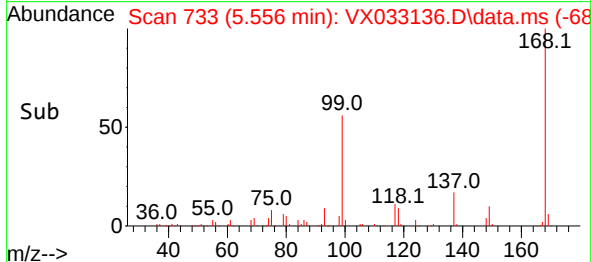
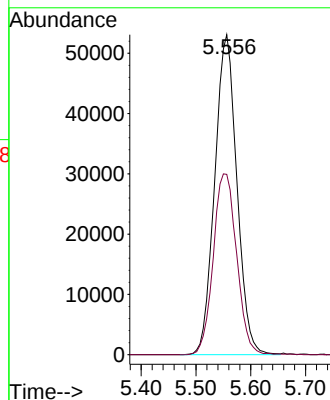
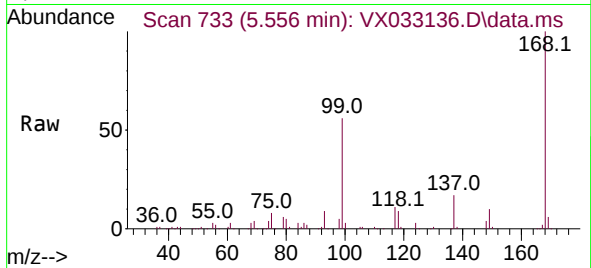




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX033136.D
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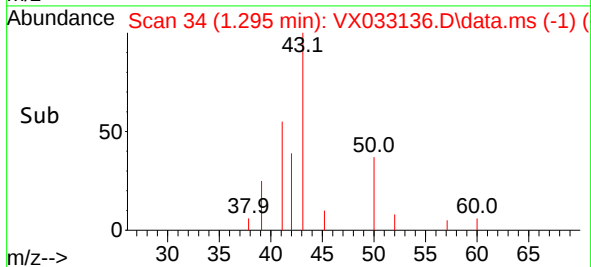
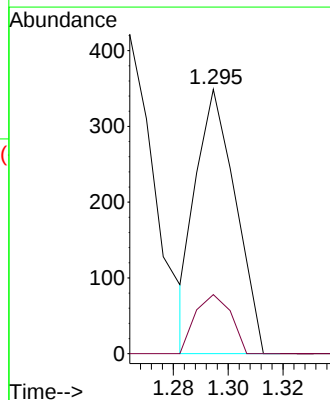
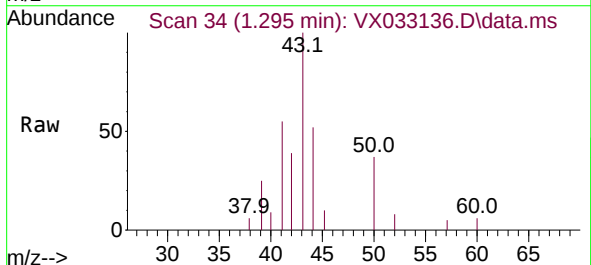
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

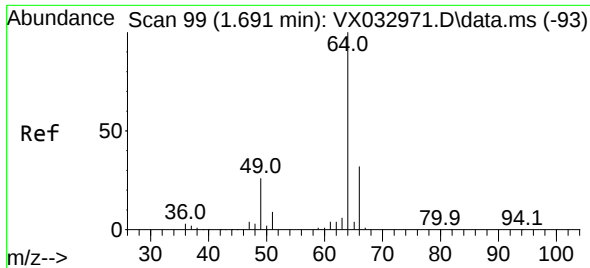
Tgt Ion:168 Resp: 148962
Ion Ratio Lower Upper
168 100
99 56.3 46.1 69.1



#3
Chloromethane
Concen: 0.284 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

Tgt Ion: 50 Resp: 349
Ion Ratio Lower Upper
50 100
52 22.3 25.4 38.2#

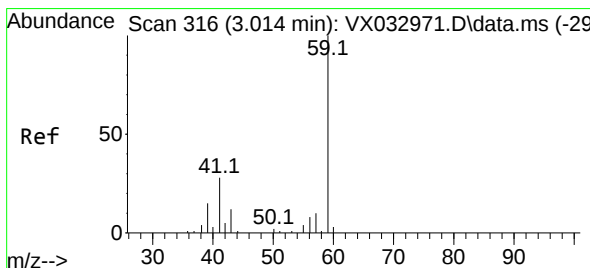
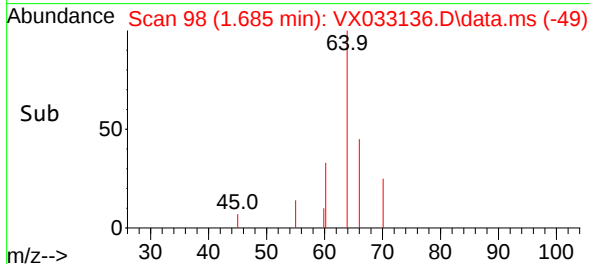
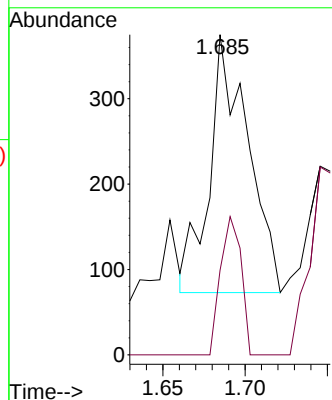
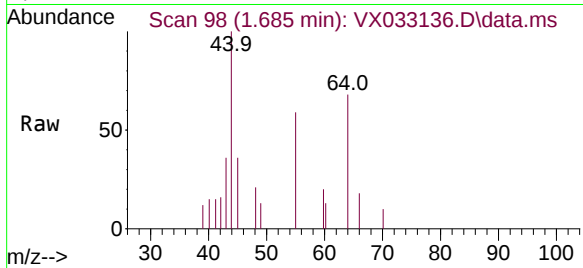




#6
Chloroethane
Concen: 0.442 ug/l
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

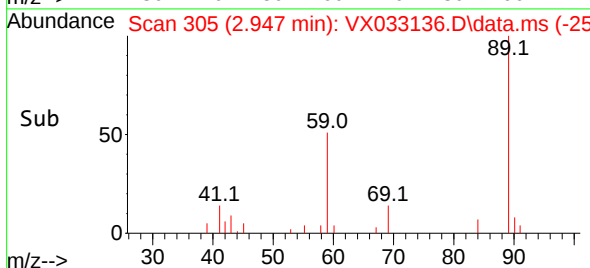
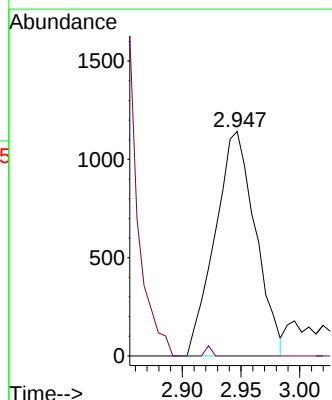
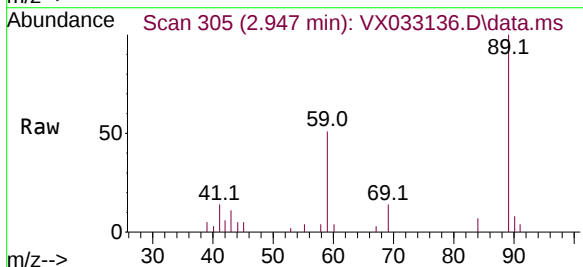
Instrument :
MSVOA_X
ClientSampleId :
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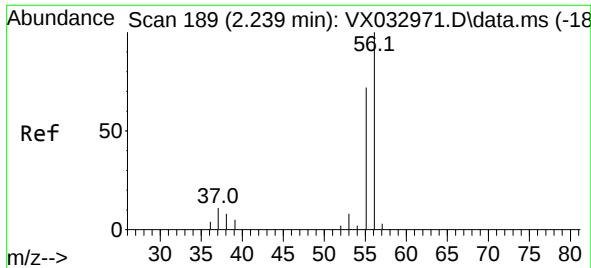
Tgt Ion: 64 Resp: 492
Ion Ratio Lower Upper
64 100
66 32.8 26.0 39.0



#11
Tert butyl alcohol
Concen: 11.911 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

Tgt Ion: 59 Resp: 2739
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

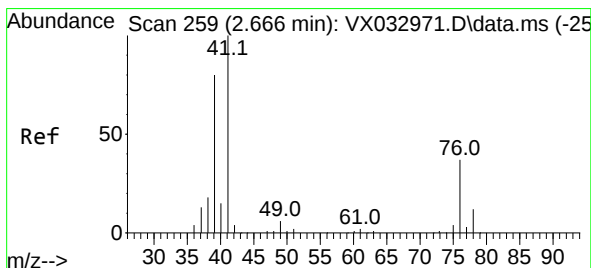
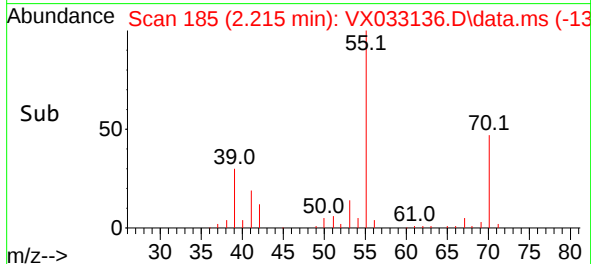
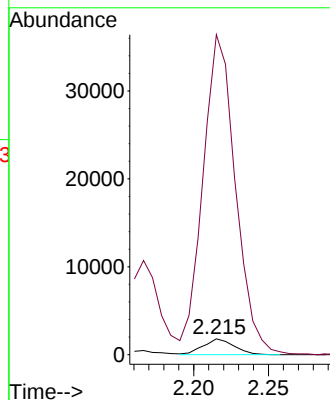
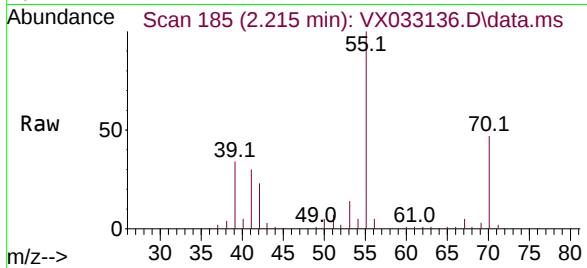




#13
Acrolein
Concen: 9.730 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

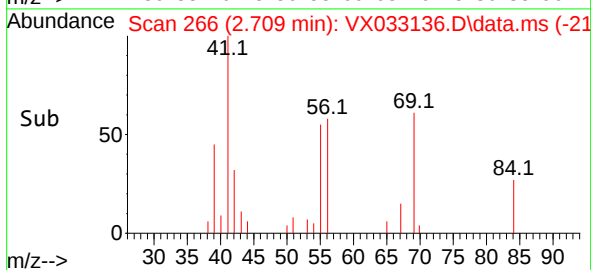
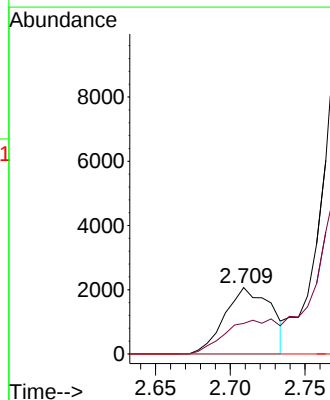
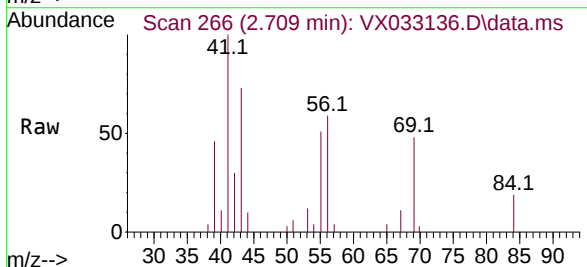
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

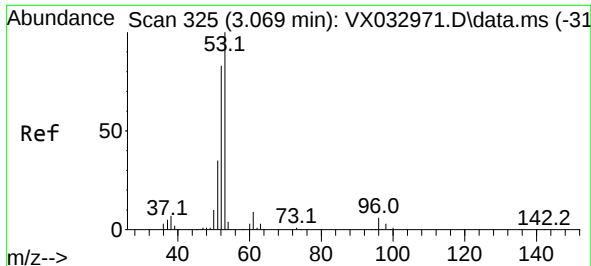
Tgt Ion: 56 Resp: 2570
Ion Ratio Lower Upper
56 100
55 2146.6 56.9 85.3#



#14
Allyl chloride
Concen: 2.136 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.043 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

Tgt Ion: 41 Resp: 4482
Ion Ratio Lower Upper
41 100
39 42.9 61.4 92.2#
76 0.0 29.2 43.8#





#15

Acrylonitrile

Concen: 6.837 ug/l

RT: 3.105 min Scan# 31

Delta R.T. 0.043 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

PZ-3R

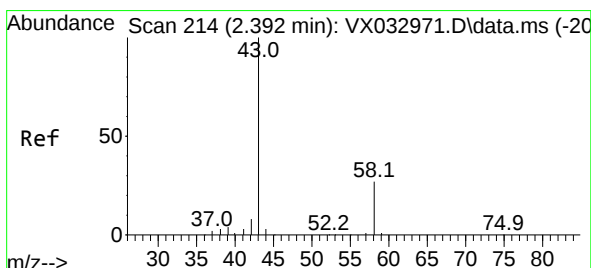
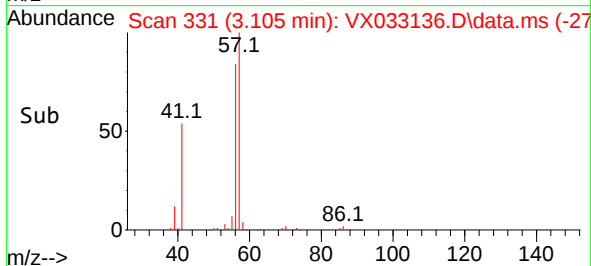
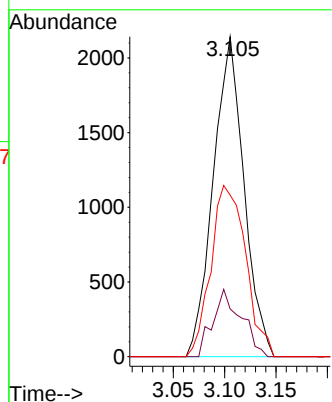
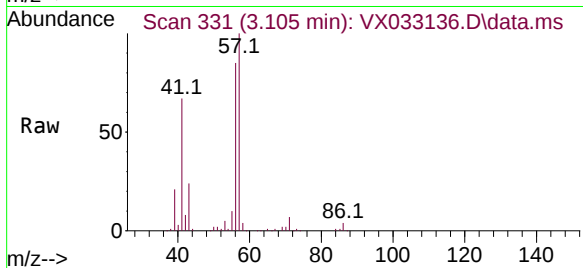
Tgt Ion: 53 Resp: 4447

Ion Ratio Lower Upper

53 100

52 19.5 67.4 101.0#

51 60.7 30.3 45.5#



#16

Acetone

Concen: 25.293 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.018 min

Lab File: VX033136.D

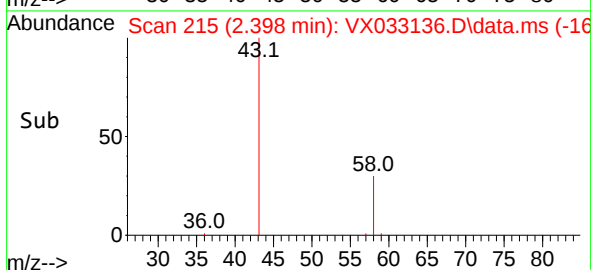
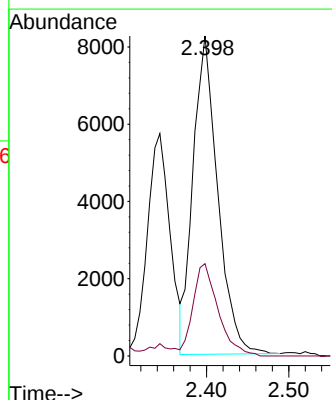
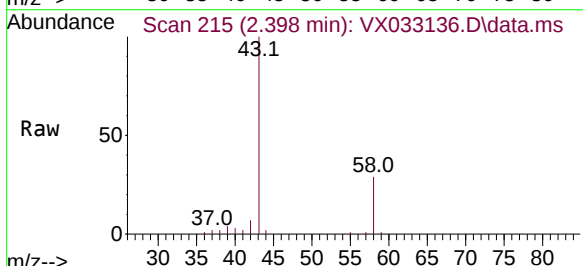
Acq: 30 Nov 2022 16:51

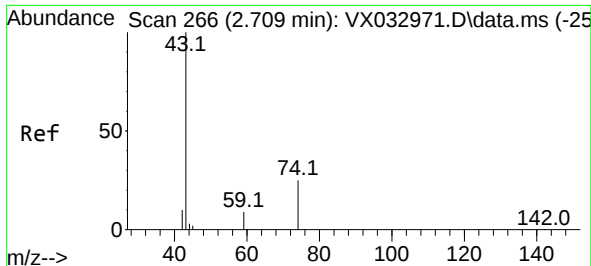
Tgt Ion: 43 Resp: 17136

Ion Ratio Lower Upper

43 100

58 29.1 23.8 35.8

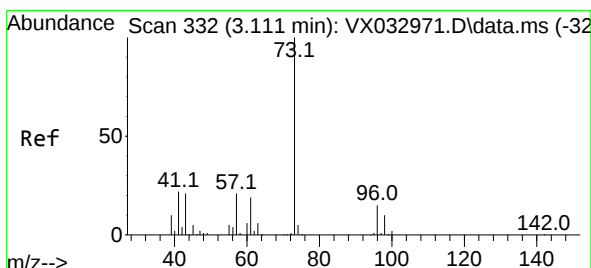
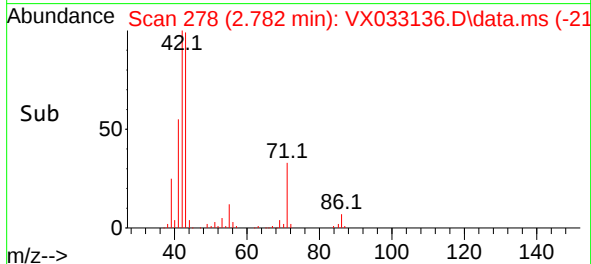
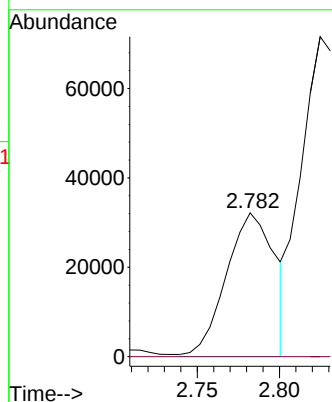
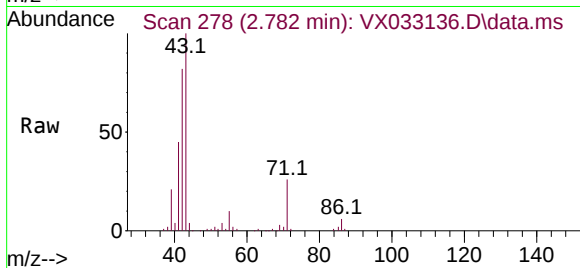




#18
Methyl Acetate
Concen: 35.119 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.079 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

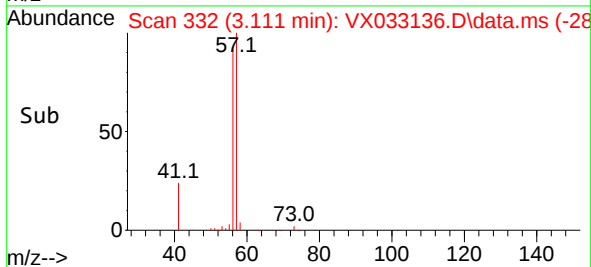
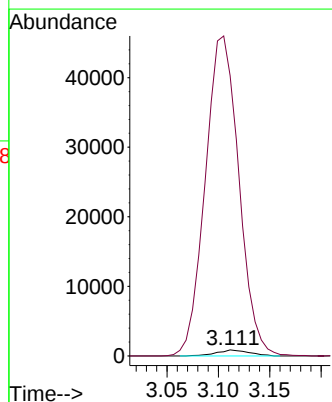
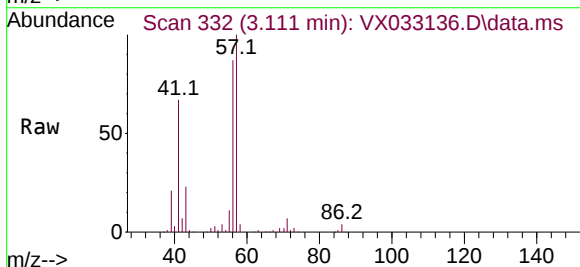
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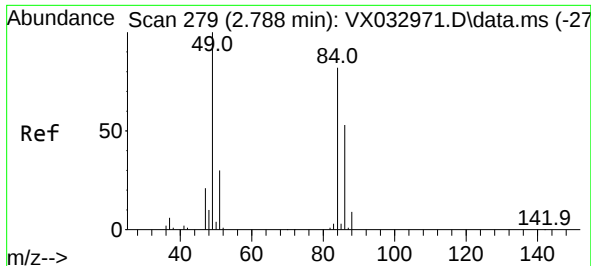
Tgt Ion: 43 Resp: 65862
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#19
Methyl tert-butyl Ether
Concen: 0.424 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

Tgt Ion: 73 Resp: 1910
Ion Ratio Lower Upper
73 100
57 4569.7 16.6 25.0#

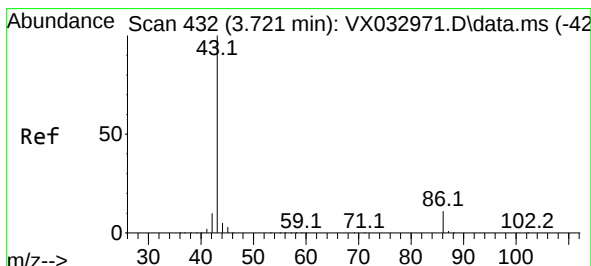
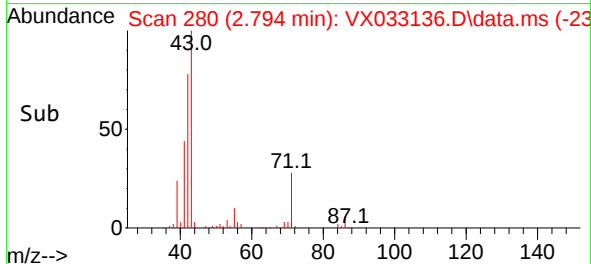
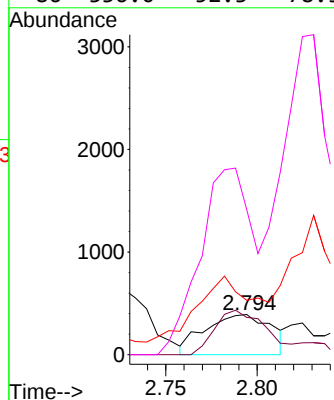
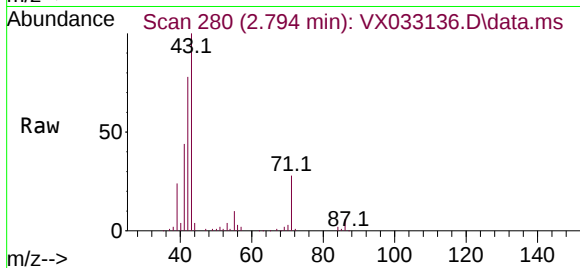




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

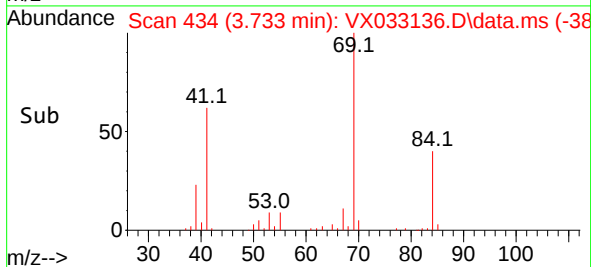
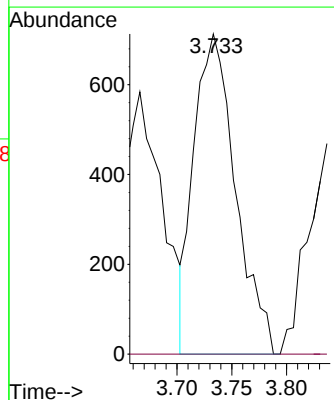
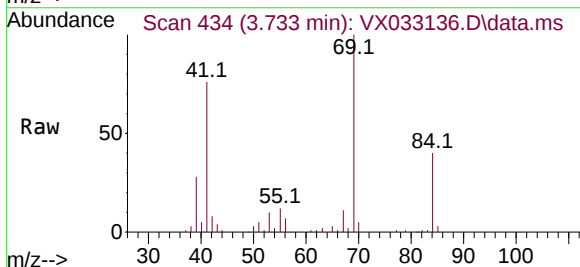
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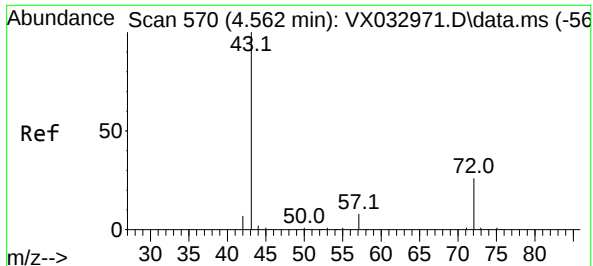
Tgt Ion:	84	Resp:	982
Ion	Ratio	Lower	Upper
84	100		
49	117.9	101.0	151.6
51	98.4	31.1	46.7#
86	336.0	52.3	78.5#



#23
Vinyl Acetate
Concen: 0.525 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.012 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

Tgt Ion:	43	Resp:	1878
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	12.8#

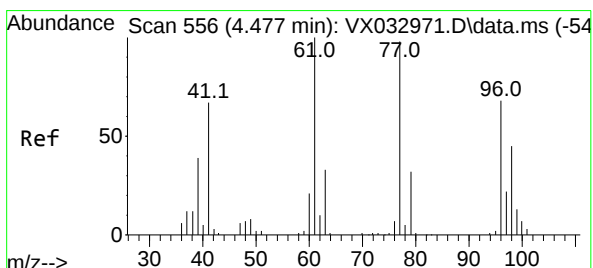
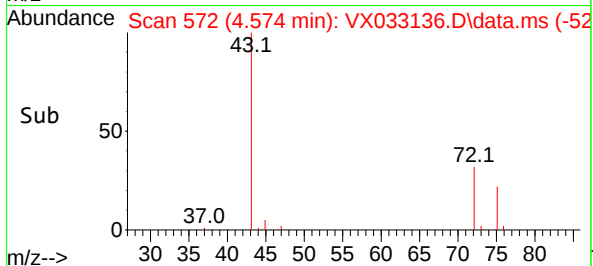
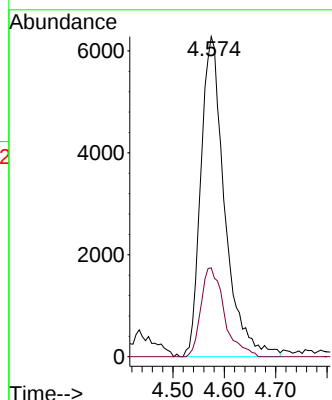
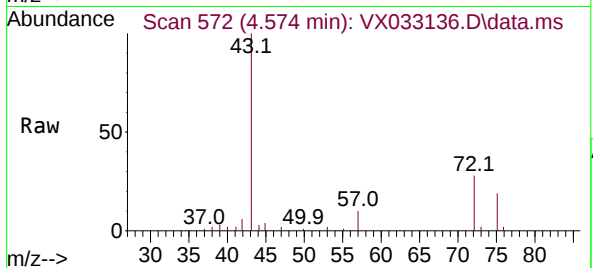




#25
2-Butanone
Concen: 21.671 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

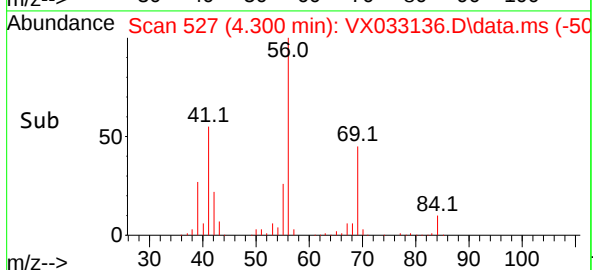
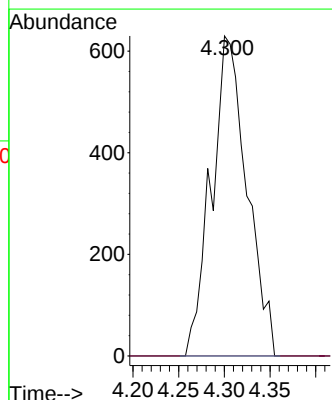
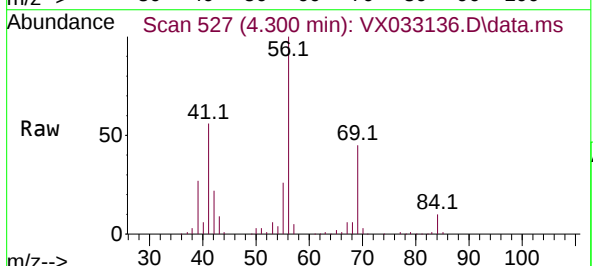
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

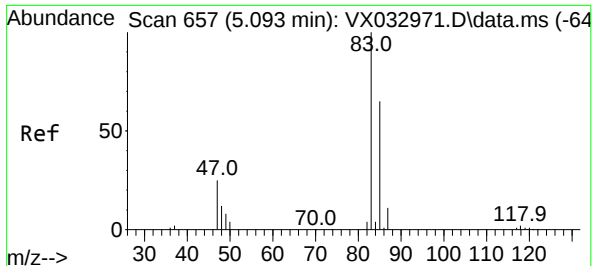
Tgt Ion: 43 Resp: 20245
Ion Ratio Lower Upper
43 100
72 27.8 22.2 33.2



#26
2,2-Dichloropropane
Concen: 0.810 ug/l
RT: 4.300 min Scan# 527
Delta R.T. -0.177 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

Tgt Ion: 77 Resp: 1704
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#





#30

Chloroform

Concen: 0.895 ug/l

RT: 5.172 min Scan# 61

Delta R.T. 0.073 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

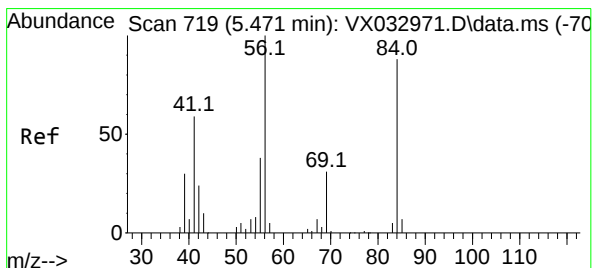
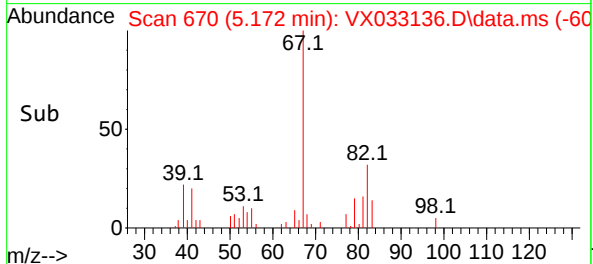
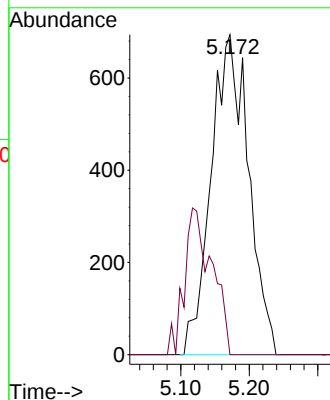
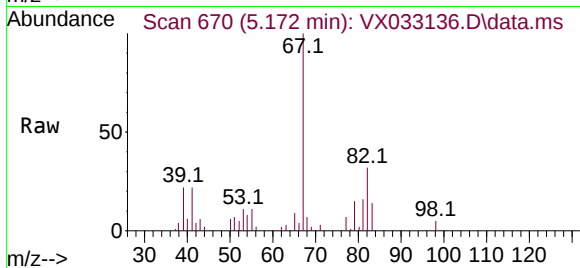
PZ-3R

Tgt Ion: 83 Resp: 2620

Ion Ratio Lower Upper

83 100

85 0.0 51.1 76.7#



#31

Cyclohexane

Concen: 18.149 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.007 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

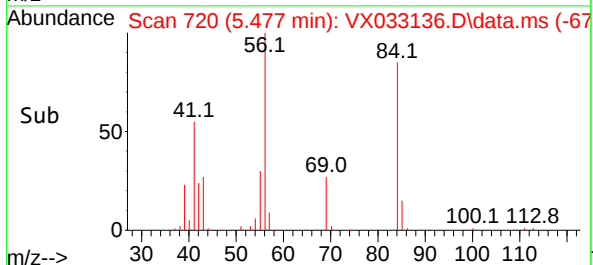
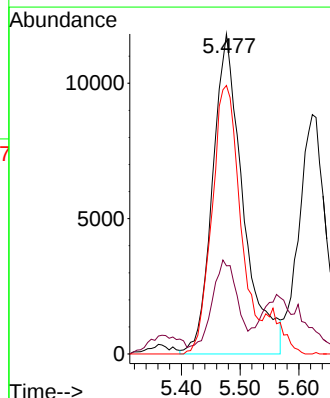
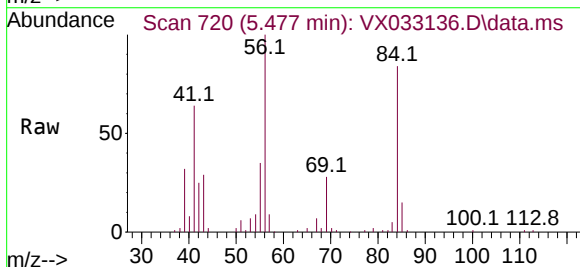
Tgt Ion: 56 Resp: 42660

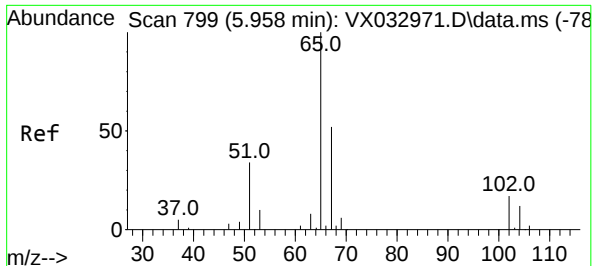
Ion Ratio Lower Upper

56 100

69 23.2 24.1 36.1#

84 84.8 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 54.139 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

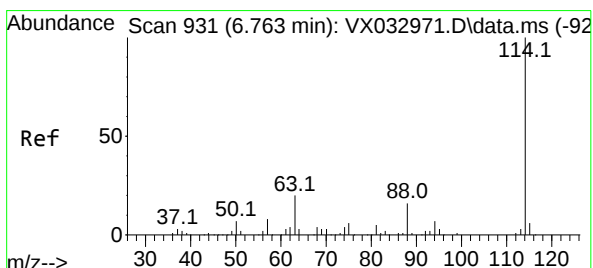
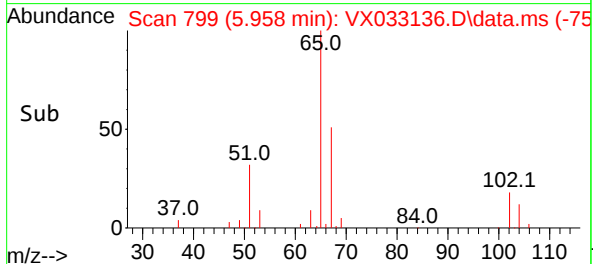
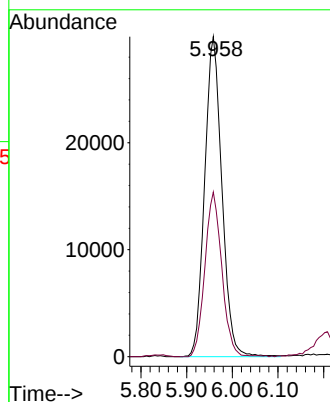
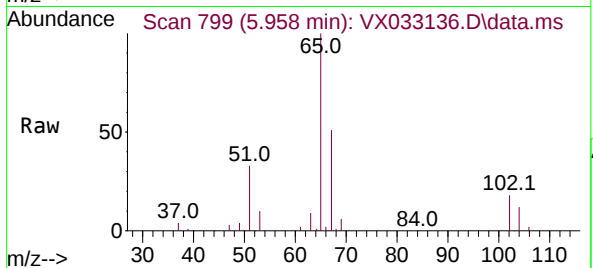
PZ-3R

Tgt Ion: 65 Resp: 78426

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

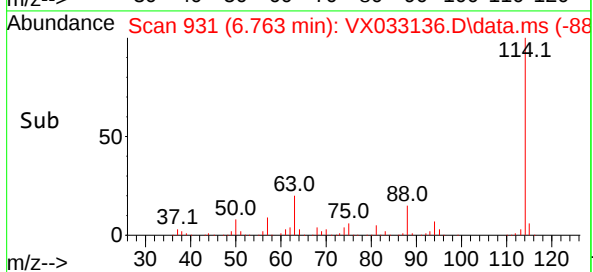
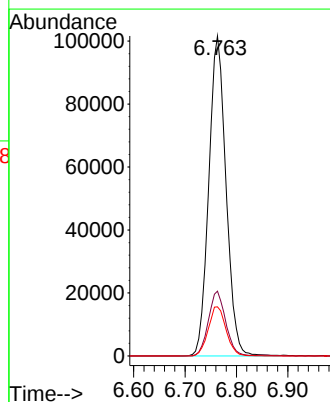
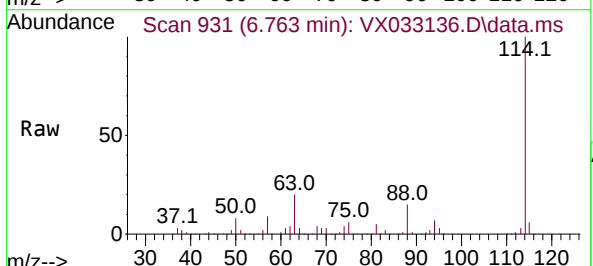
Tgt Ion: 114 Resp: 236943

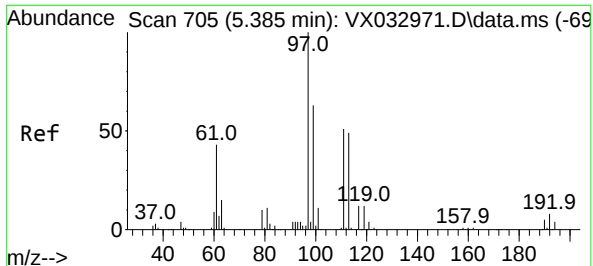
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.990 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

PZ-3R

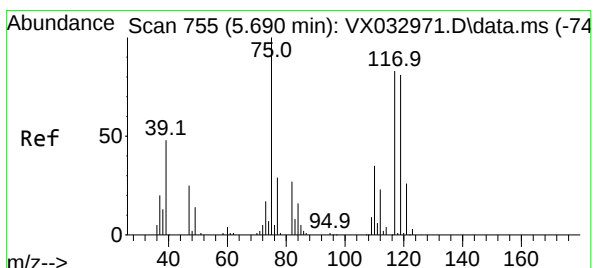
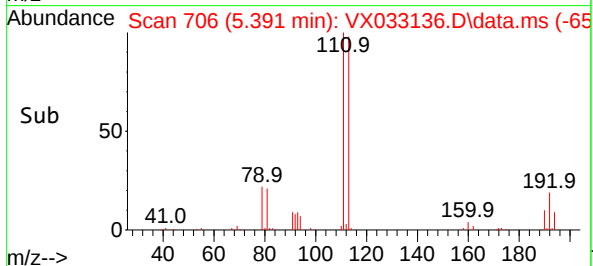
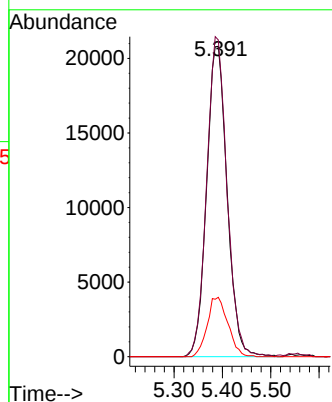
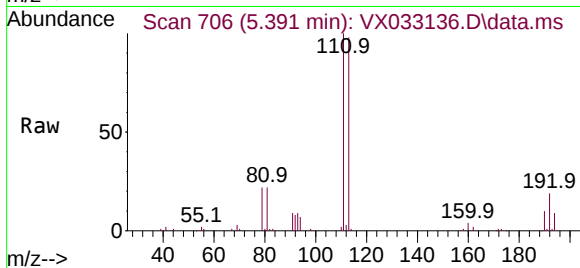
Tgt Ion:113 Resp: 61433

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 19.3 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.521 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

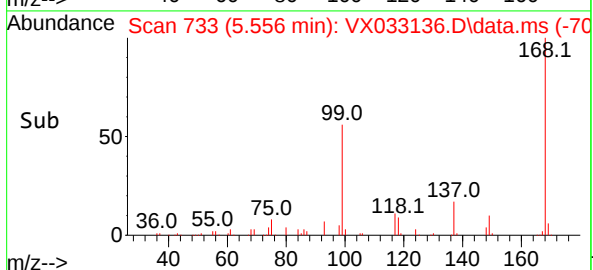
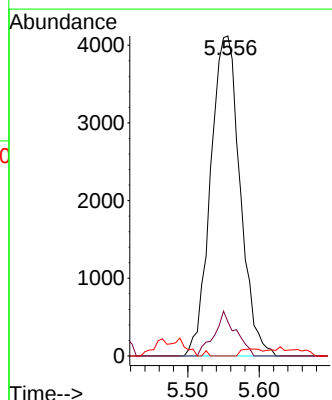
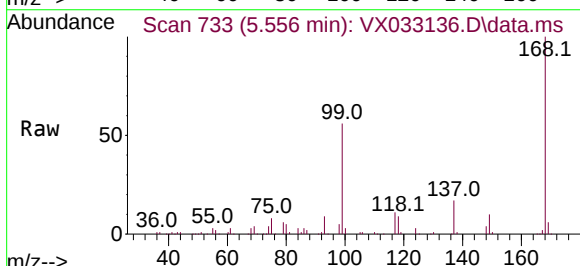
Tgt Ion: 75 Resp: 11792

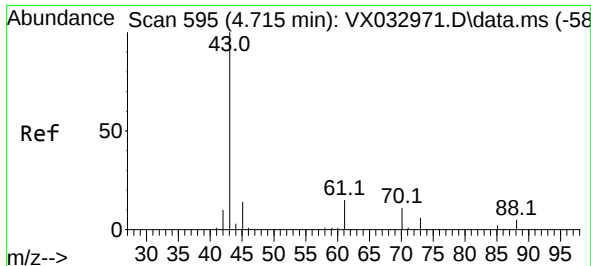
Ion Ratio Lower Upper

75 100

110 10.2 18.4 55.2#

77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 10.864 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.141 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

PZ-3R

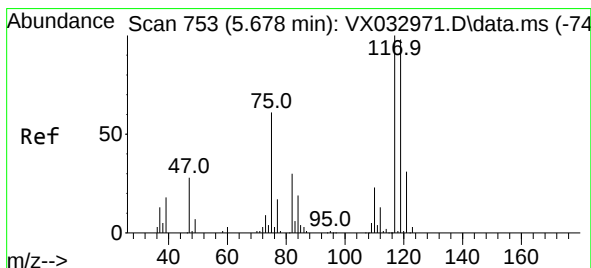
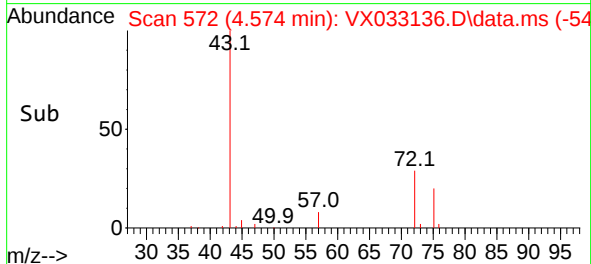
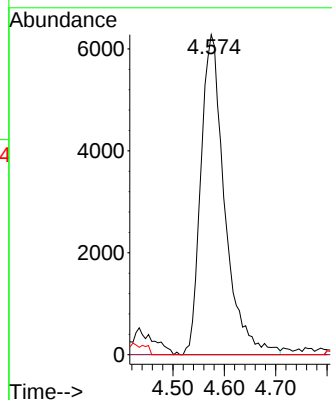
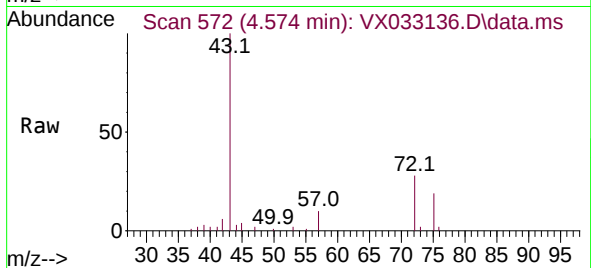
Tgt Ion: 43 Resp: 20245

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 9.1 13.7#



#38

Carbon Tetrachloride

Concen: 6.589 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

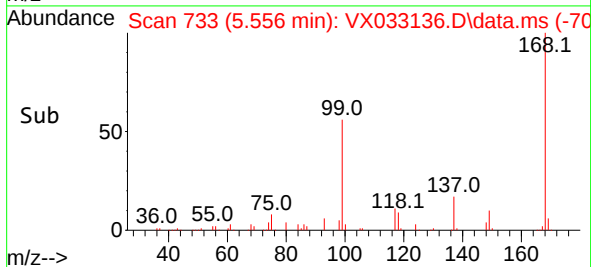
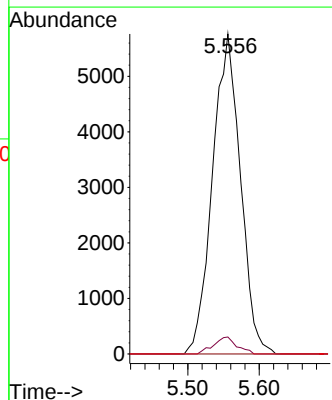
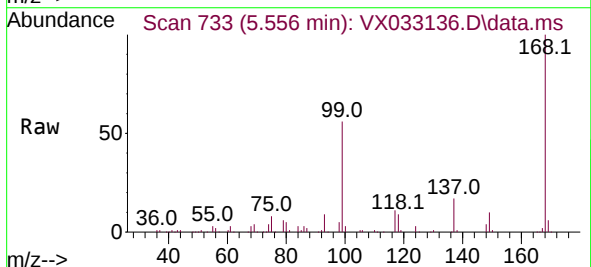
Tgt Ion: 117 Resp: 15611

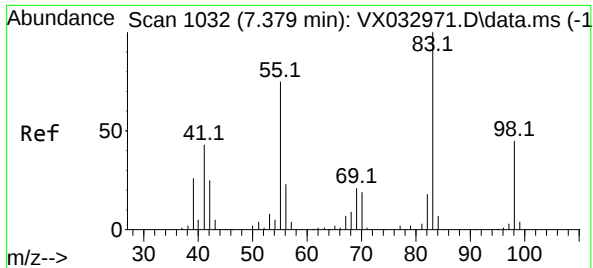
Ion Ratio Lower Upper

117 100

119 5.3 77.2 115.8#

121 0.0 25.8 38.6#

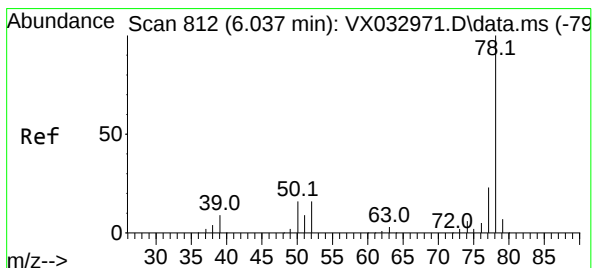
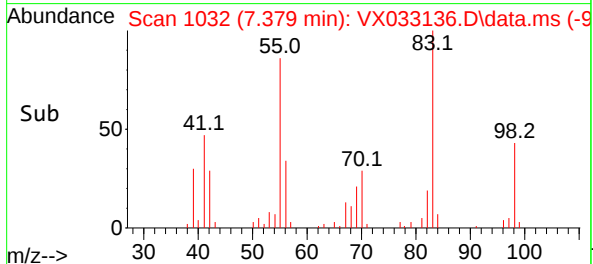
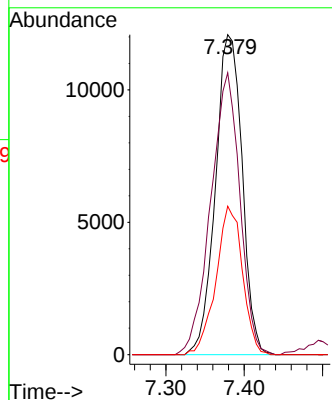
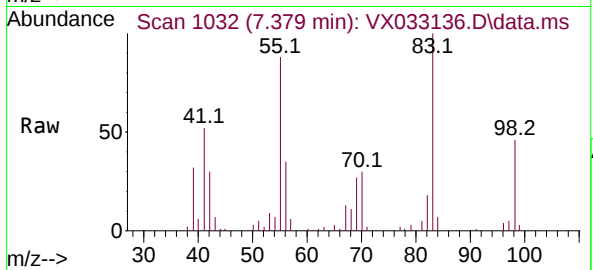




#39
Methylcyclohexane
Concen: 11.762 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

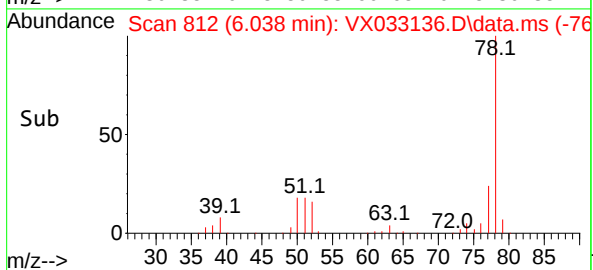
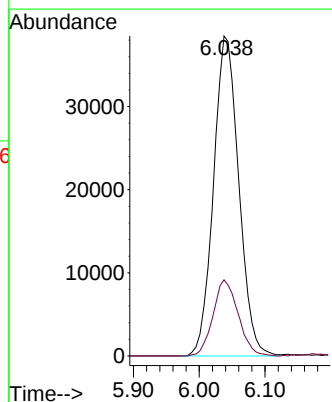
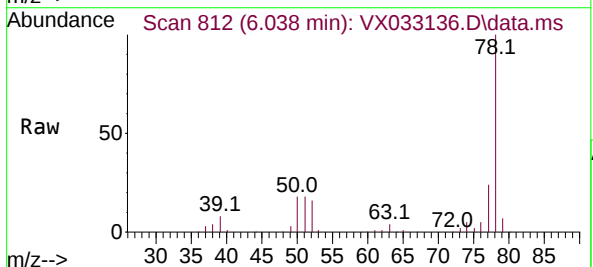
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

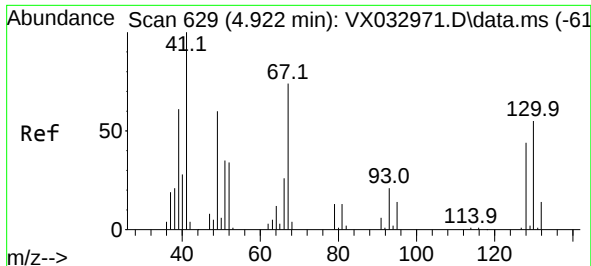
Tgt Ion: 83 Resp: 28664
Ion Ratio Lower Upper
83 100
55 88.1 58.4 87.6#
98 46.4 37.2 55.8



#40
Benzene
Concen: 17.184 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

Tgt Ion: 78 Resp: 102909
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

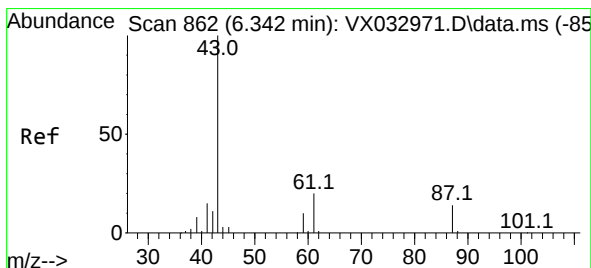
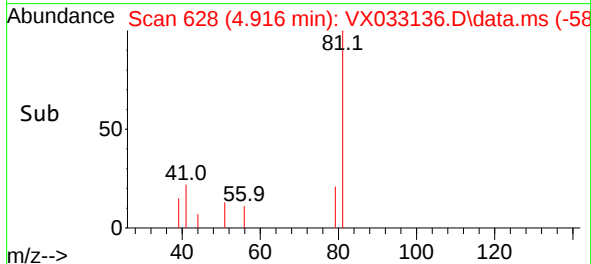
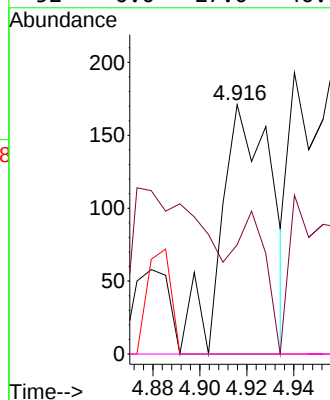
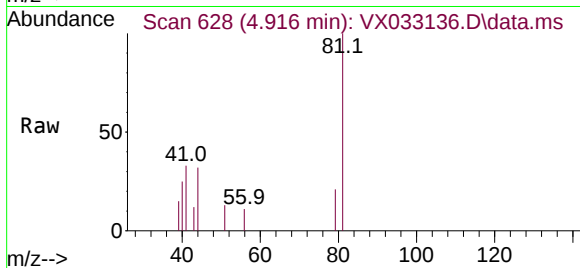




#41
Methacrylonitrile
Concen: 0.246 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

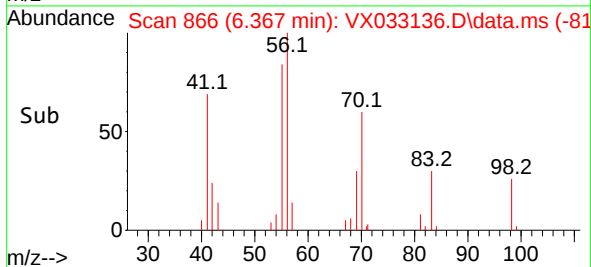
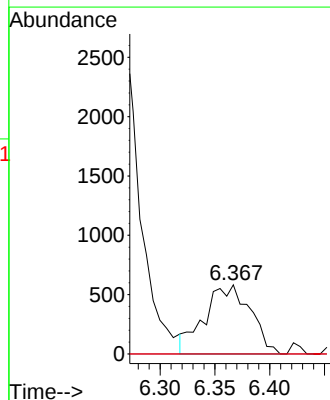
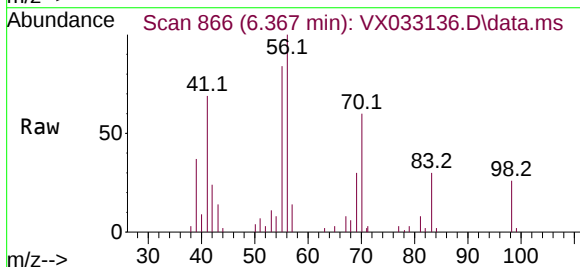
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

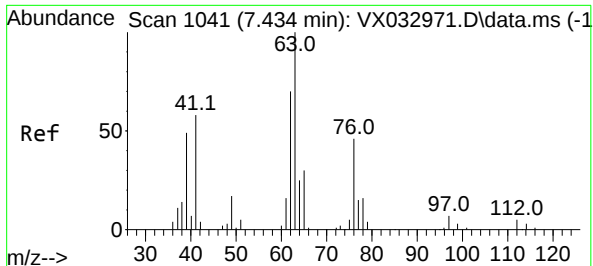
Tgt Ion: 41	Resp: 258
Ion Ratio	Lower Upper
41 100	
39 0.0	47.5 71.3#
67 0.0	60.5 90.7#
52 0.0	27.0 40.6#



#43
Isopropyl Acetate
Concen: 0.546 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.025 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

Tgt Ion: 43	Resp: 1683
Ion Ratio	Lower Upper
43 100	
61 0.0	15.4 23.0#
87 0.0	10.8 16.2#





#45

1,2-Dichloropropane

Concen: 0.315 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.055 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

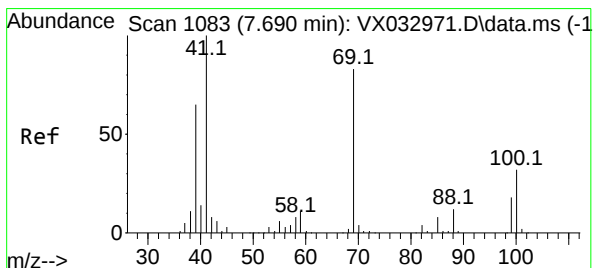
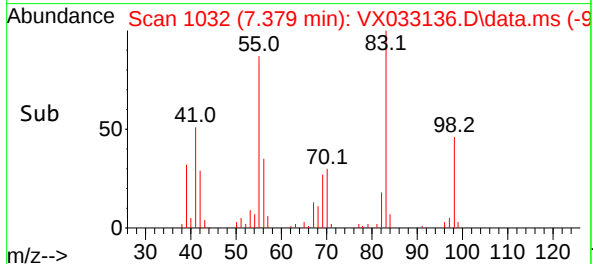
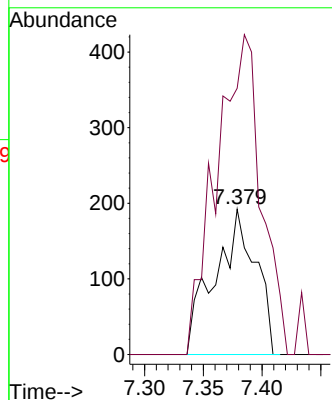
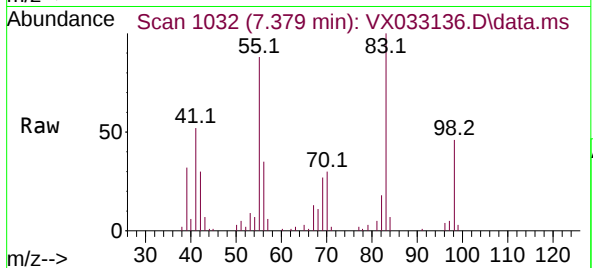
PZ-3R

Tgt Ion: 63 Resp: 466

Ion Ratio Lower Upper

63 100

65 183.3 24.6 36.8#



#48

Methyl methacrylate

Concen: 3.093 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.037 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

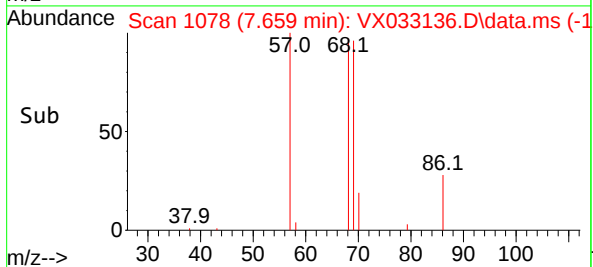
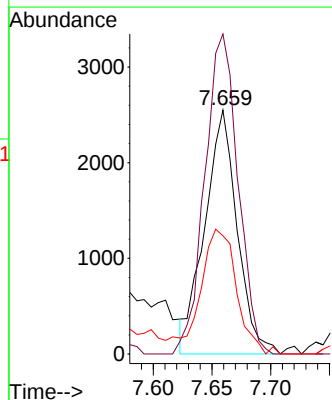
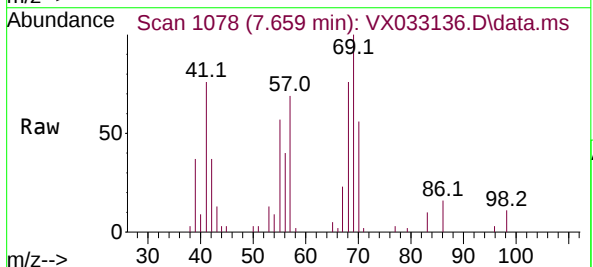
Tgt Ion: 41 Resp: 4906

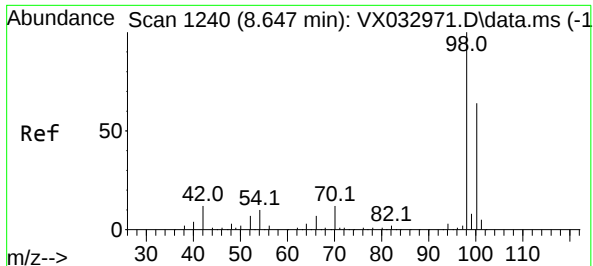
Ion Ratio Lower Upper

41 100

69 134.1 65.1 97.7#

39 54.9 51.9 77.9





#50

Toluene-d8

Concen: 52.883 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

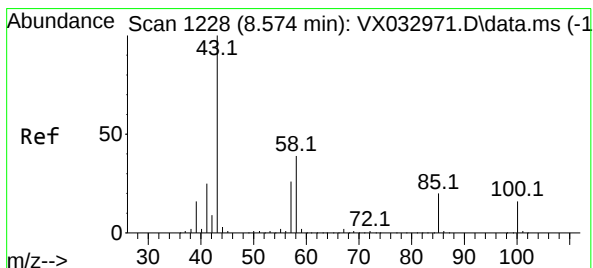
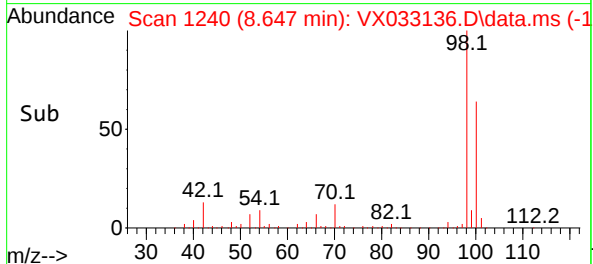
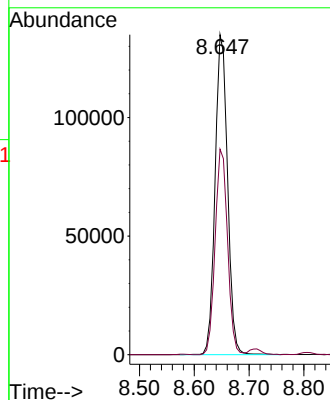
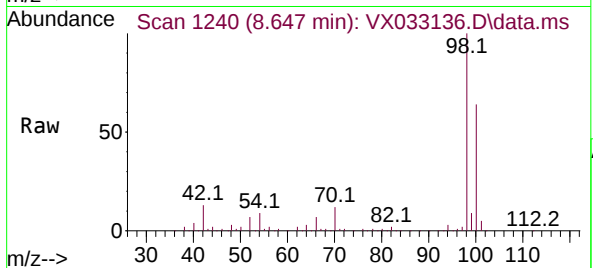
PZ-3R

Tgt Ion: 98 Resp: 212045

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 1.244 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX033136.D

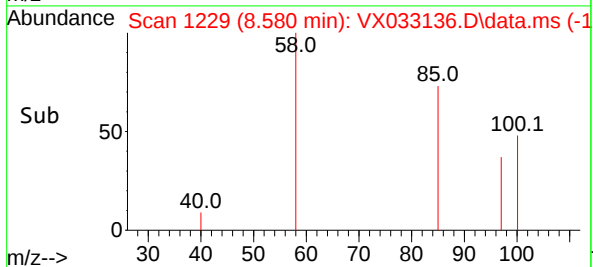
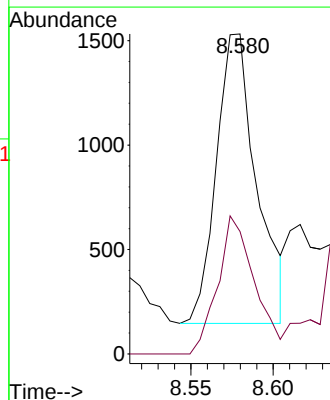
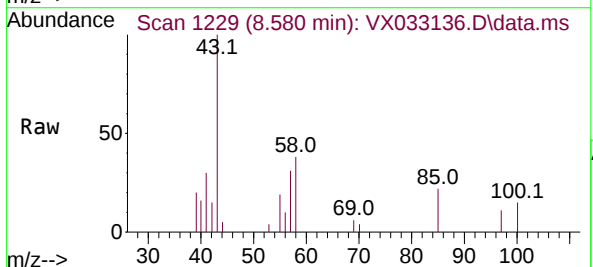
Acq: 30 Nov 2022 16:51

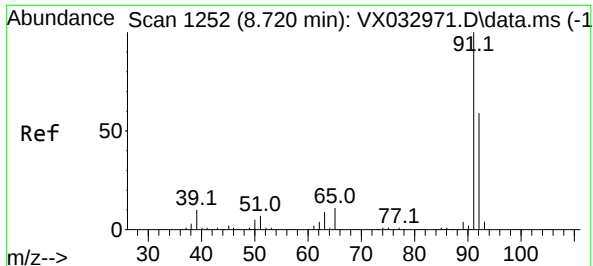
Tgt Ion: 43 Resp: 2366

Ion Ratio Lower Upper

43 100

58 43.4 30.9 46.3

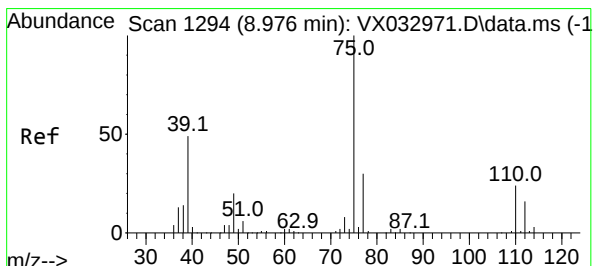
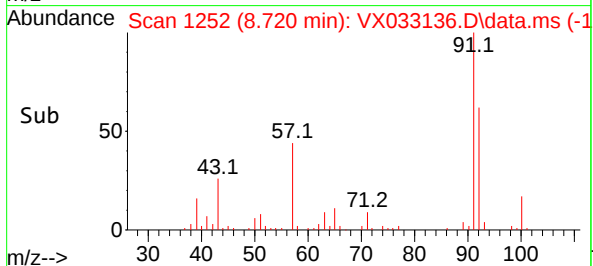
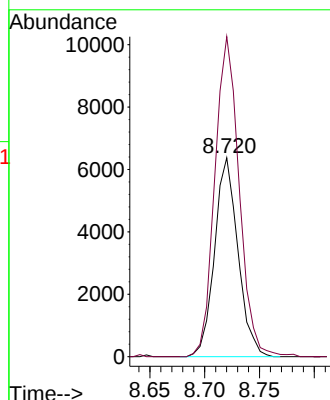
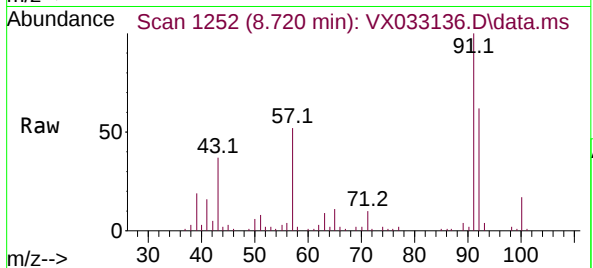




#52
Toluene
Concen: 2.404 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

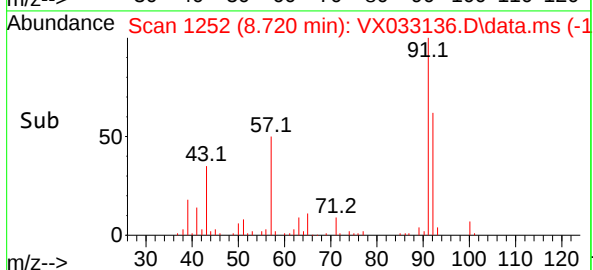
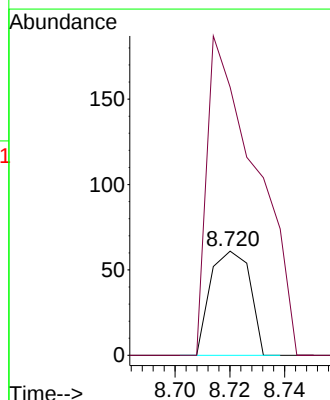
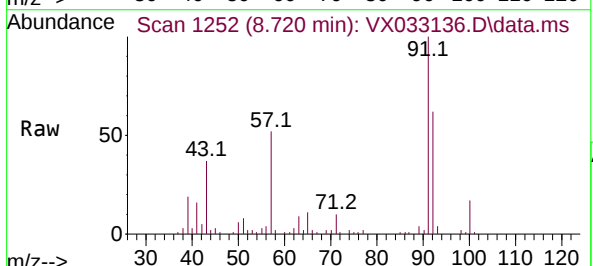
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

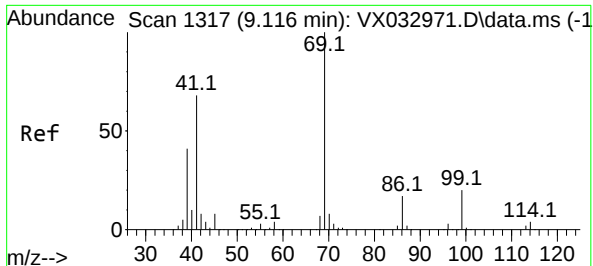
Tgt Ion: 92 Resp: 9471
Ion Ratio Lower Upper
92 100
91 167.5 138.3 207.5



#53
t-1,3-Dichloropropene
Concen: 1.542 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.262 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
77 257.4 25.1 37.7#

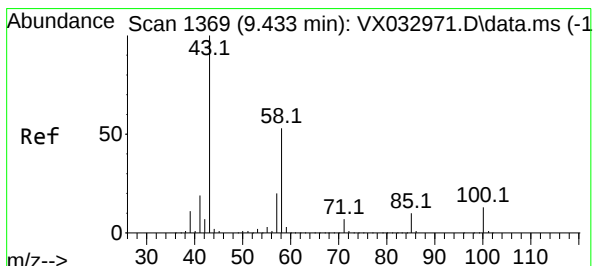
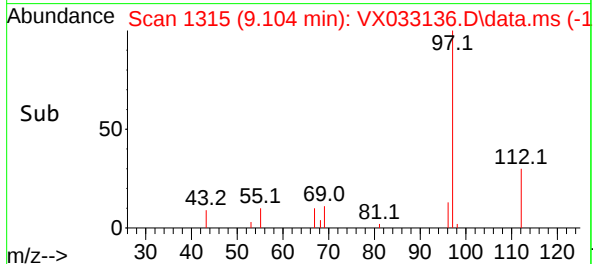
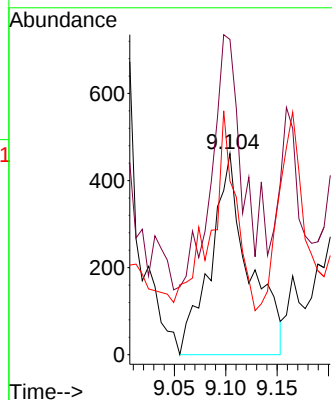
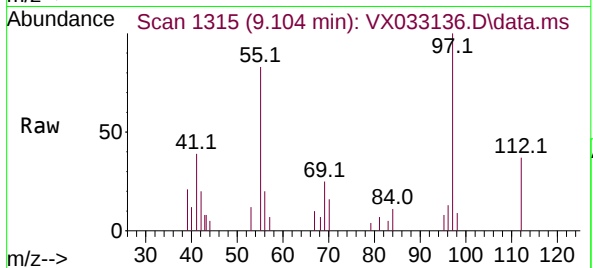




#56
Ethyl methacrylate
Concen: 0.536 ug/l
RT: 9.104 min Scan# 1185
Delta R.T. -0.012 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

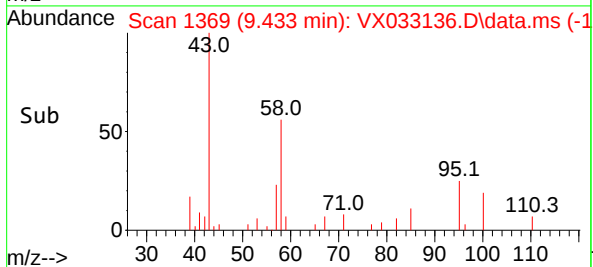
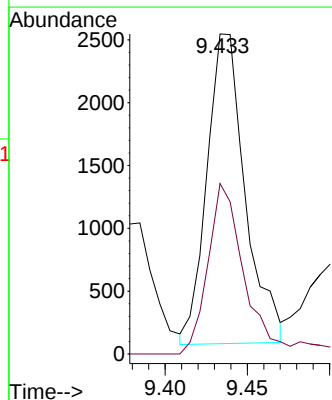
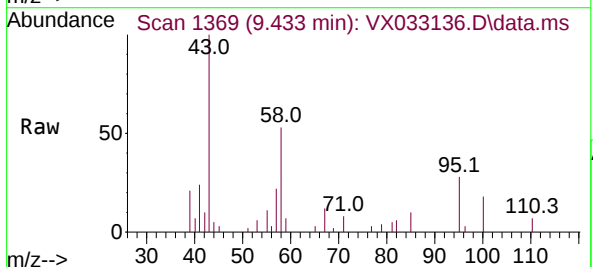
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

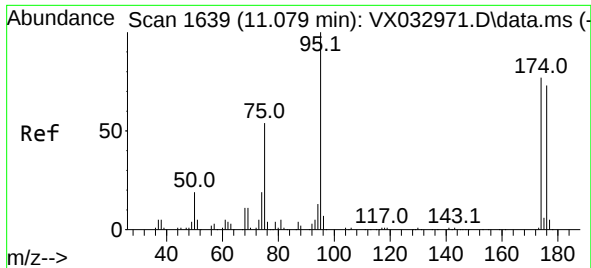
Tgt Ion: 69 Resp: 1185
Ion Ratio Lower Upper
69 100
41 93.3 54.3 81.5#
39 65.0 35.2 52.8#



#59
2-Hexanone
Concen: 2.839 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

Tgt Ion: 43 Resp: 3988
Ion Ratio Lower Upper
43 100
58 51.1 26.5 79.5

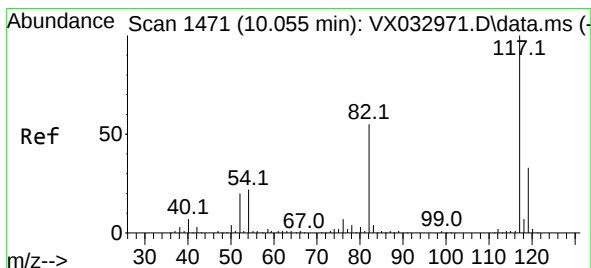
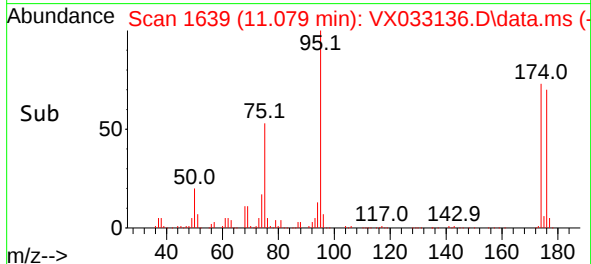
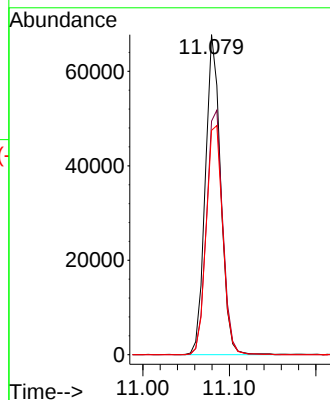
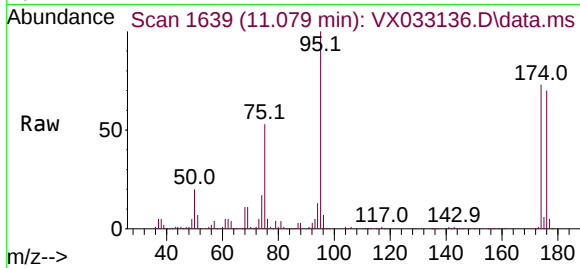




#62
4-Bromofluorobenzene
Concen: 47.497 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

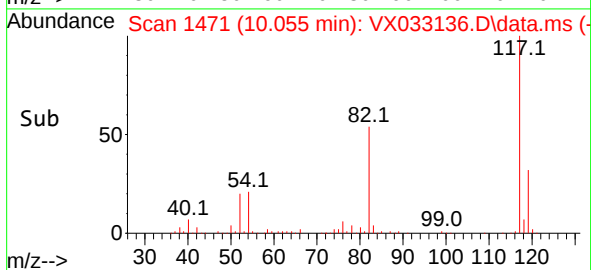
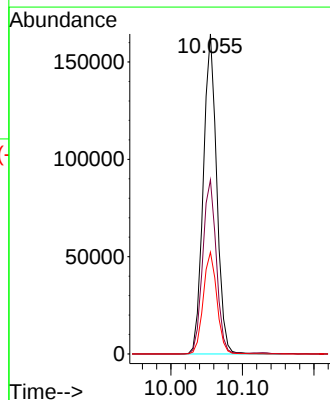
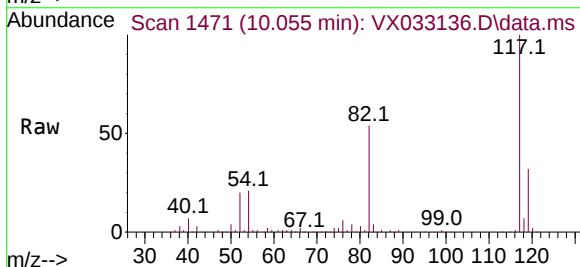
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

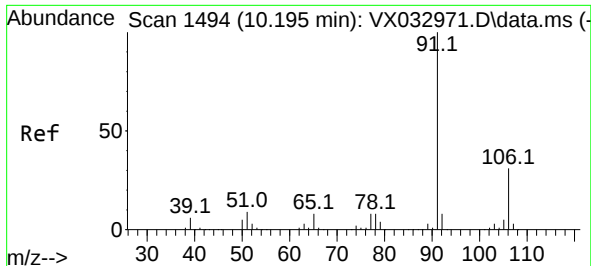
Tgt Ion: 95 Resp: 83343
Ion Ratio Lower Upper
95 100
174 80.9 0.0 164.0
176 77.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

Tgt Ion: 117 Resp: 214507
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 31.8 25.7 38.5





#67

Ethyl Benzene

Concen: 118.072 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

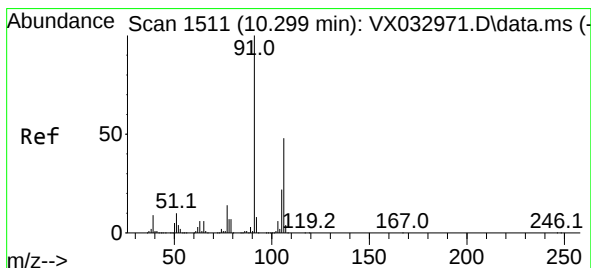
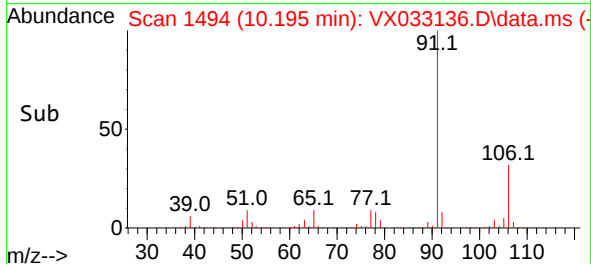
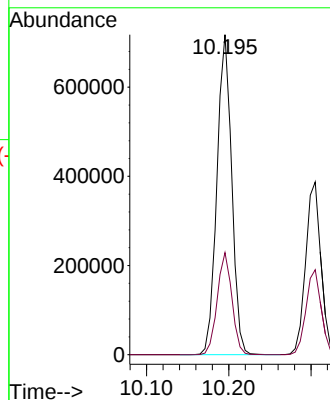
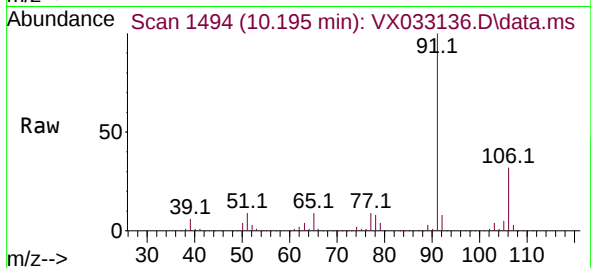
PZ-3R

Tgt Ion: 91 Resp: 895734

Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.6



#68

m/p-Xylenes

Concen: 82.514 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX033136.D

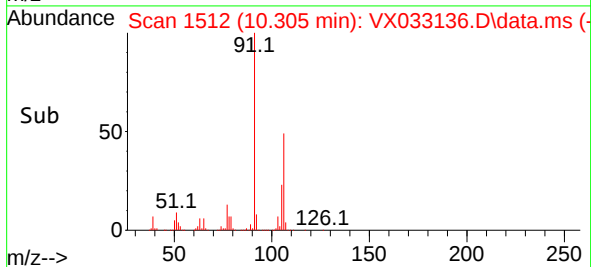
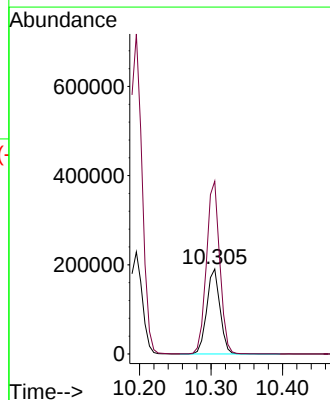
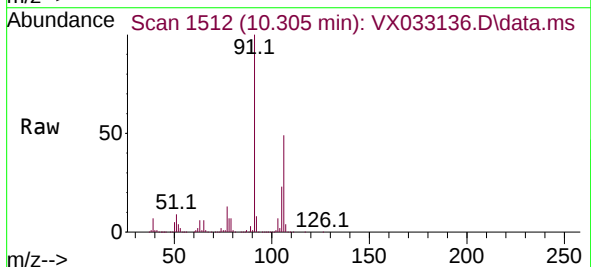
Acq: 30 Nov 2022 16:51

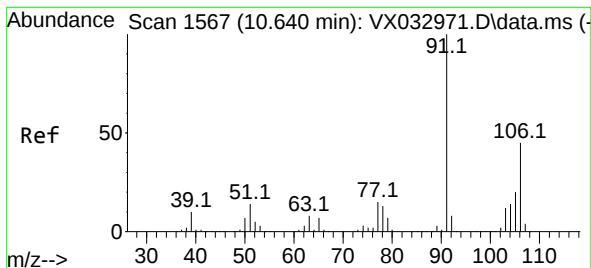
Tgt Ion: 106 Resp: 245128

Ion Ratio Lower Upper

106 100

91 204.2 164.5 246.7





#69

o-Xylene

Concen: 11.806 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

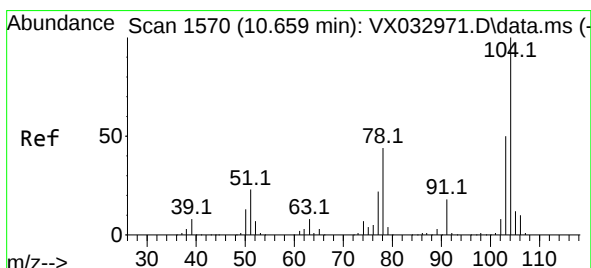
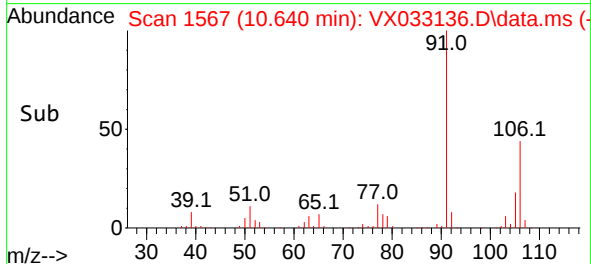
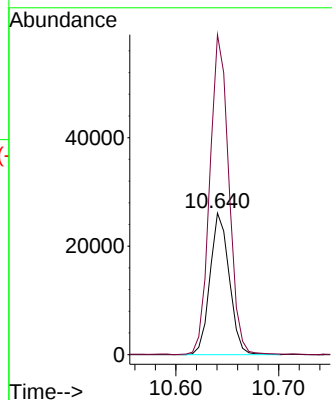
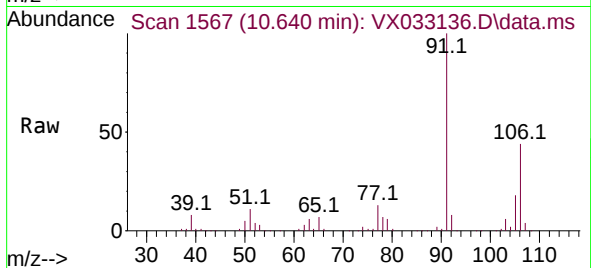
PZ-3R

Tgt Ion:106 Resp: 33936

Ion Ratio Lower Upper

106 100

91 224.3 109.2 327.6



#70

Styrene

Concen: 0.431 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.019 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

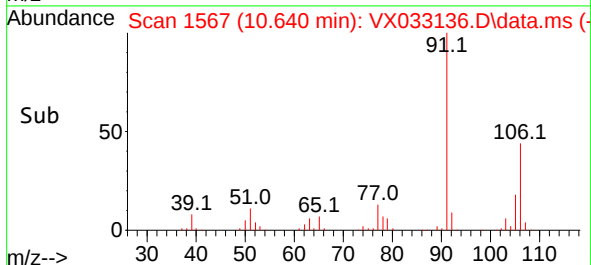
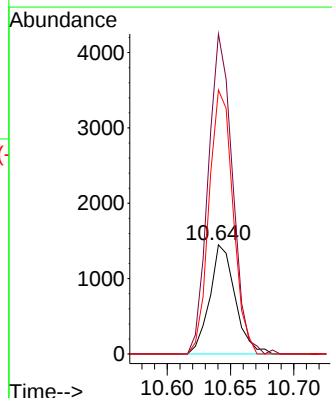
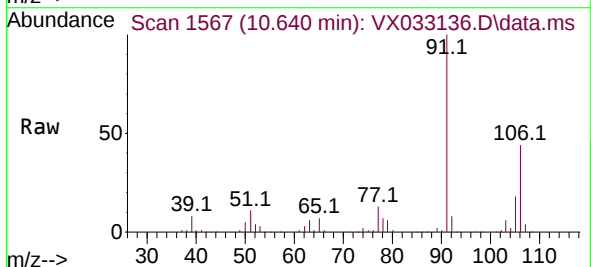
Tgt Ion:104 Resp: 2026

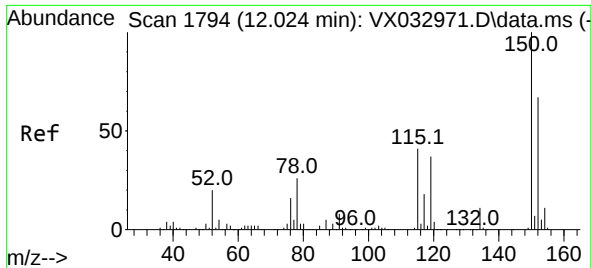
Ion Ratio Lower Upper

104 100

78 279.2 41.8 62.8#

103 228.0 44.5 66.7#

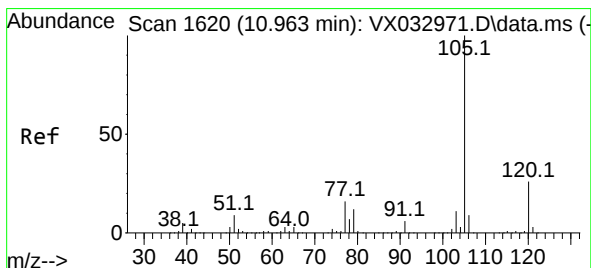
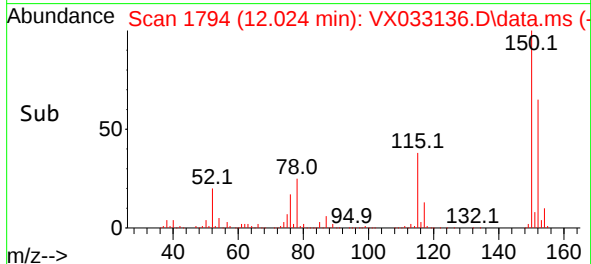
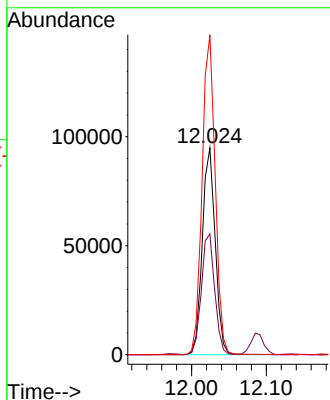
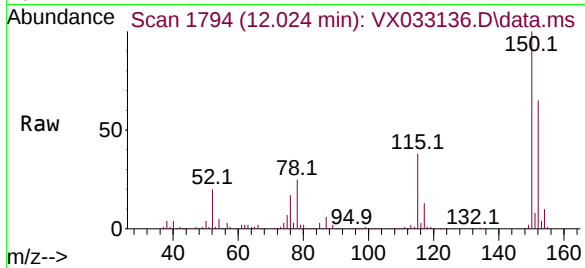




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

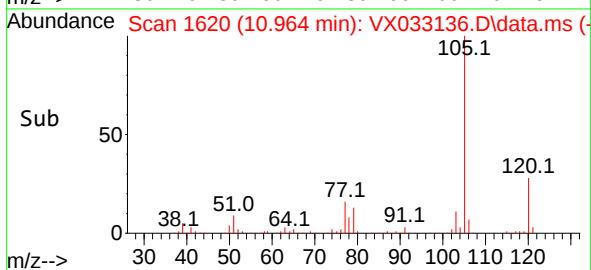
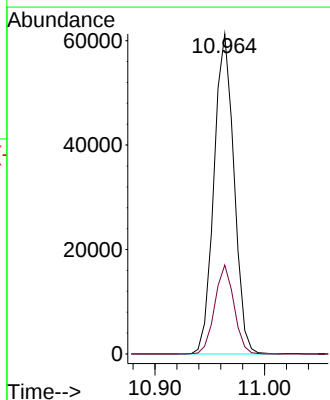
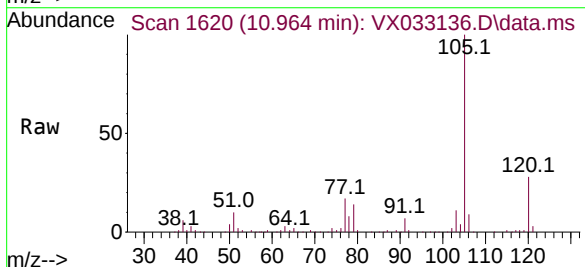
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

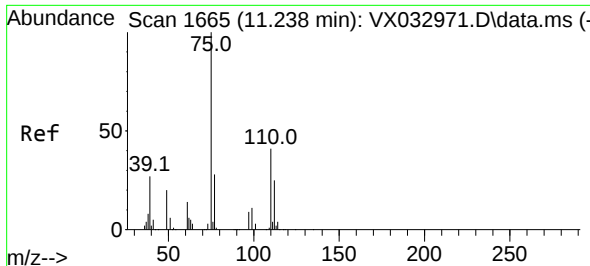
Tgt Ion:152 Resp: 113994
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 156.0 0.0 351.8



#73
Isopropylbenzene
Concen: 9.546 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

Tgt Ion:105 Resp: 77762
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3

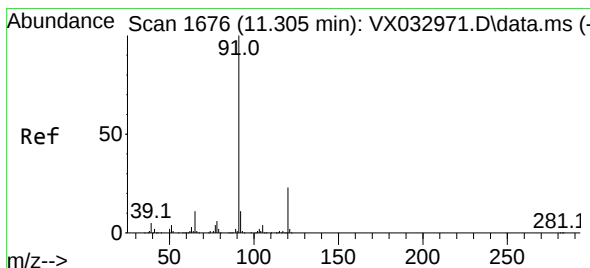
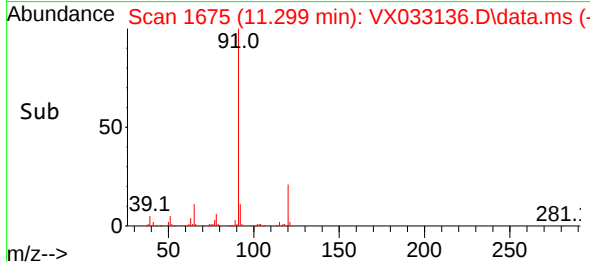
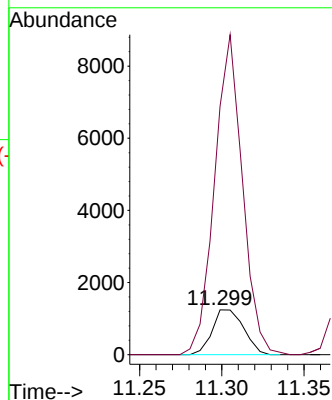
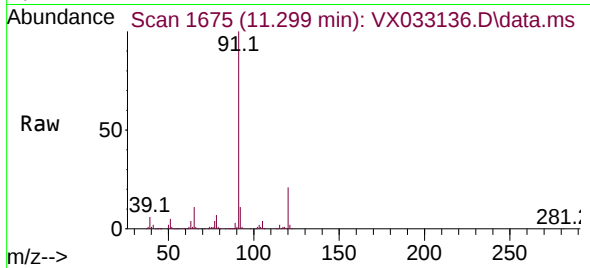




#76
1,2,3-Trichloropropane
Concen: 0.768 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.055 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

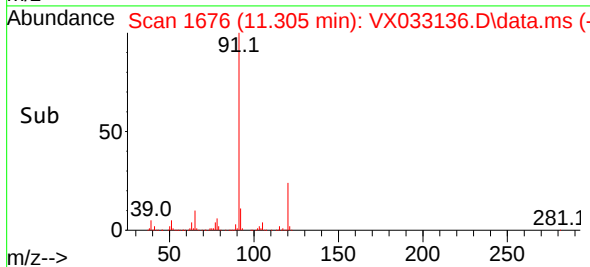
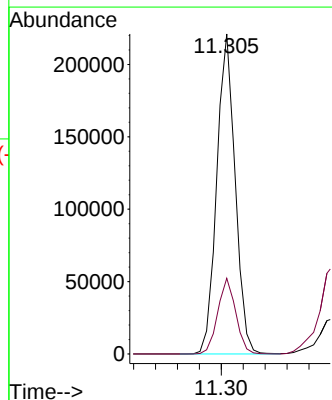
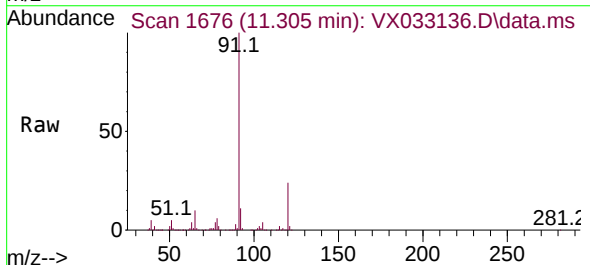
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

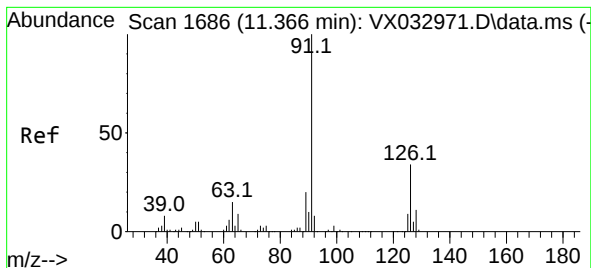
Tgt Ion: 75 Resp: 1659
Ion Ratio Lower Upper
75 100
77 630.6 20.0 60.0#



#78
n-propylbenzene
Concen: 27.684 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

Tgt Ion: 91 Resp: 257839
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8





#79

2-Chlorotoluene

Concen: 6.098 ug/l

RT: 11.403 min Scan# 1

Delta R.T. 0.037 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

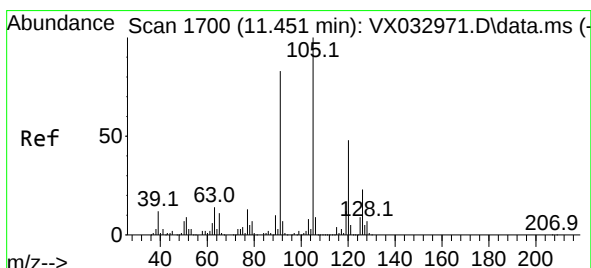
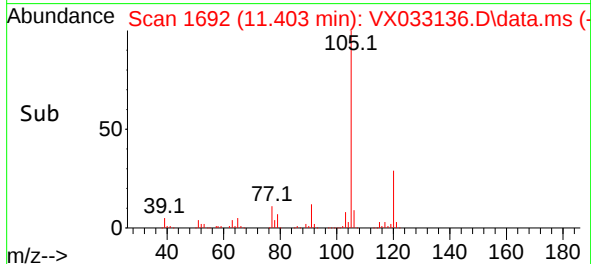
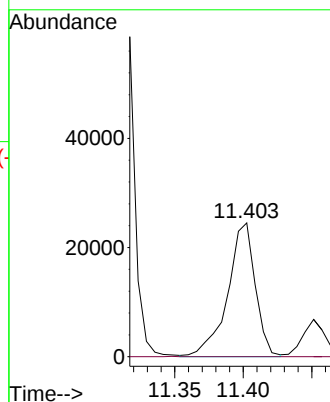
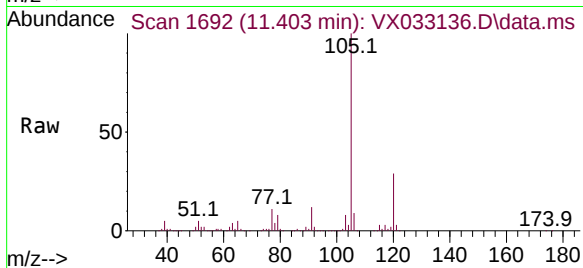
PZ-3R

Tgt Ion: 91 Resp: 34494

Ion Ratio Lower Upper

91 100

126 0.0 17.1 51.2#



#80

1,3,5-Trimethylbenzene

Concen: 10.091 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033136.D

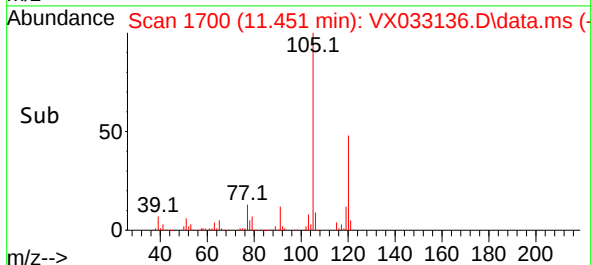
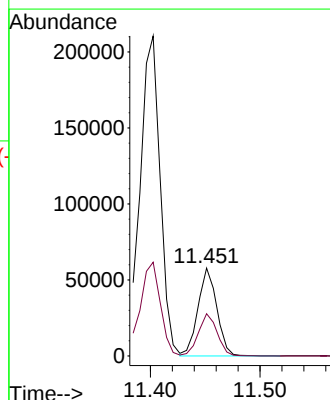
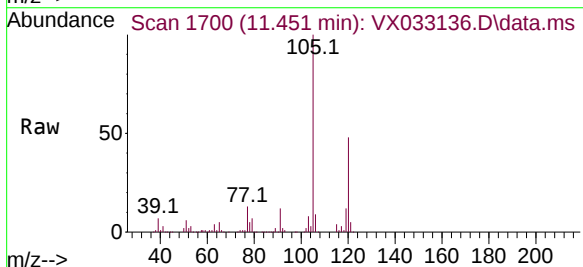
Acq: 30 Nov 2022 16:51

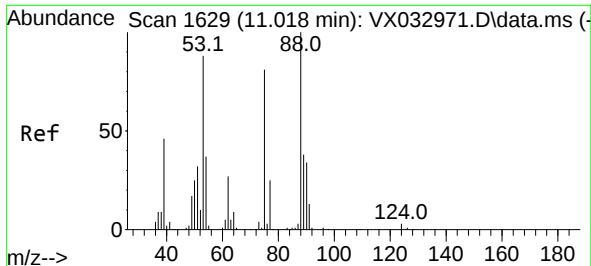
Tgt Ion: 105 Resp: 69056

Ion Ratio Lower Upper

105 100

120 47.9 23.6 71.0

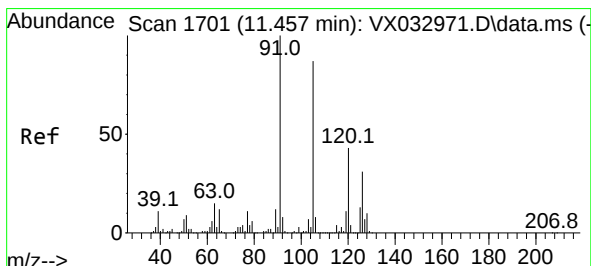
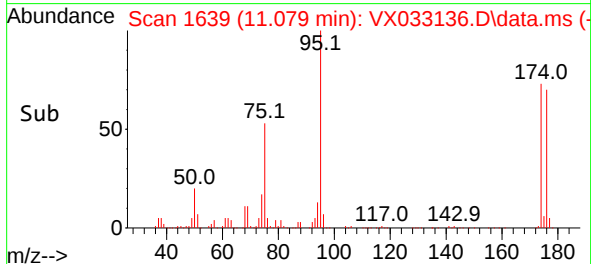
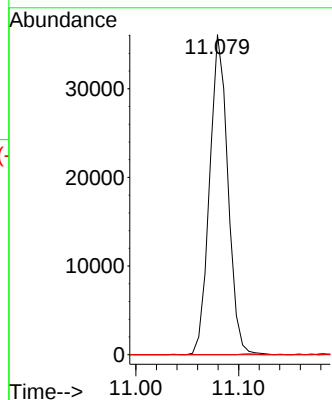
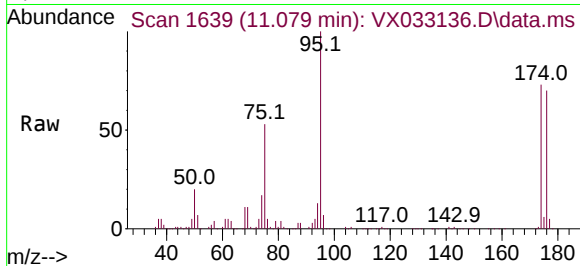




#81
trans-1,4-Dichloro-2-butene
Concen: 67.303 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

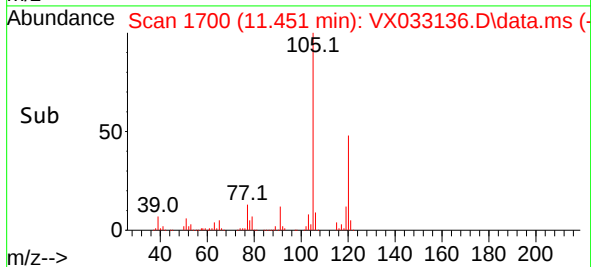
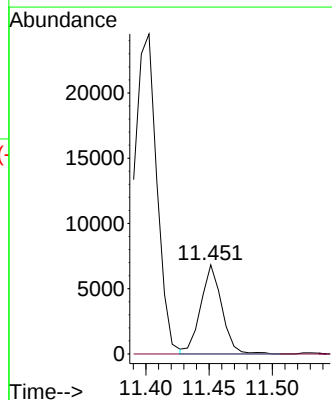
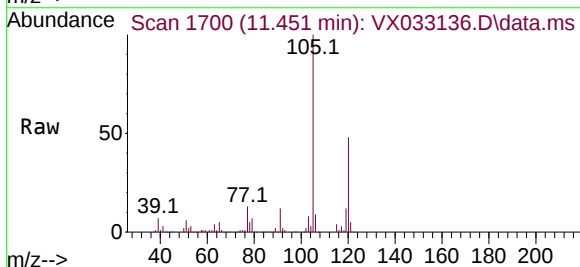
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

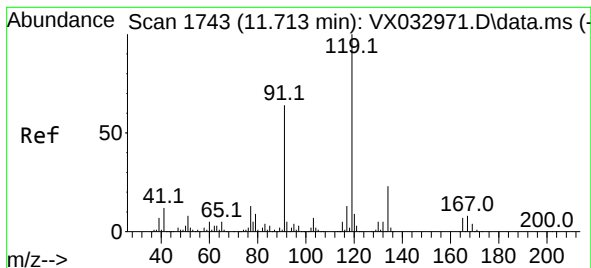
Tgt Ion: 75 Resp: 44701
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#82
4-Chlorotoluene
Concen: 1.198 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

Tgt Ion: 91 Resp: 7940
Ion Ratio Lower Upper
91 100
126 0.0 14.8 44.4#





#83

tert-Butylbenzene

Concen: 16.114 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.037 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

PZ-3R

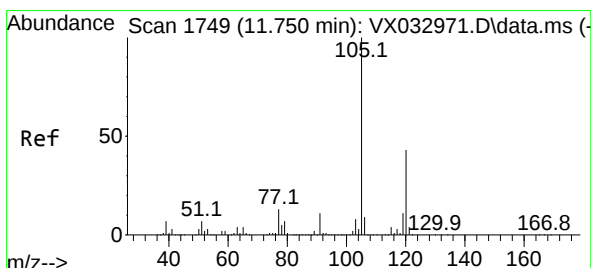
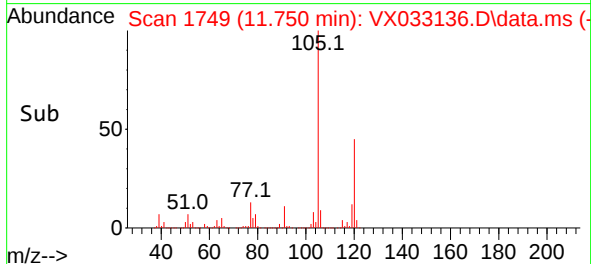
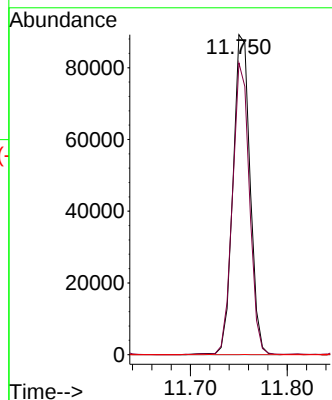
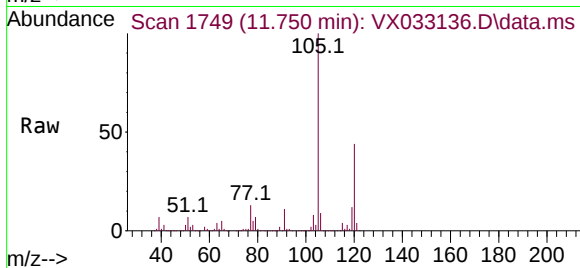
Tgt Ion:119 Resp: 109764

Ion Ratio Lower Upper

119 100

91 90.5 29.4 88.2#

134 0.0 11.0 33.0#



#84

1,2,4-Trimethylbenzene

Concen: 133.980 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033136.D

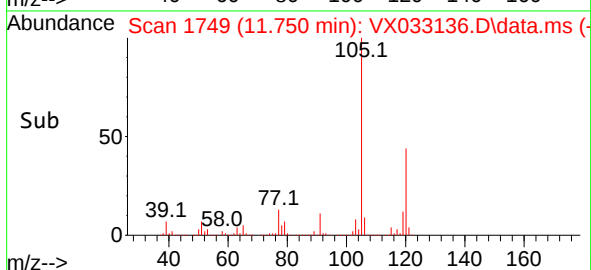
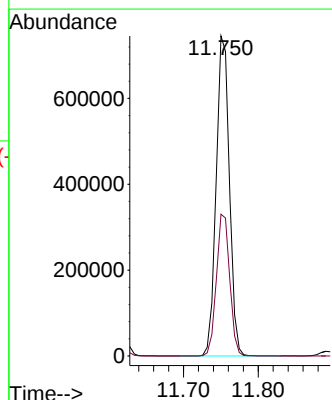
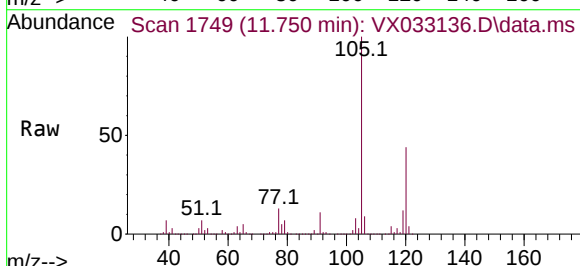
Acq: 30 Nov 2022 16:51

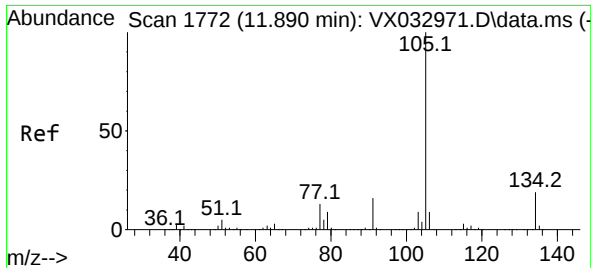
Tgt Ion:105 Resp: 914197

Ion Ratio Lower Upper

105 100

120 44.6 21.9 65.5

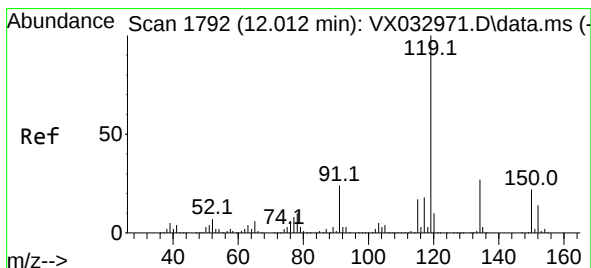
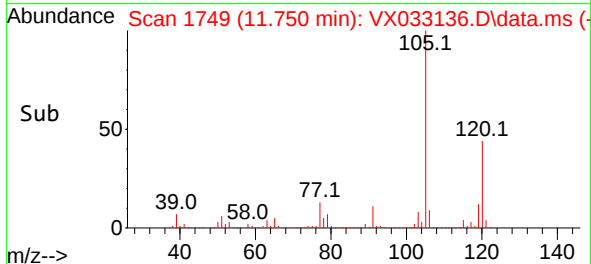
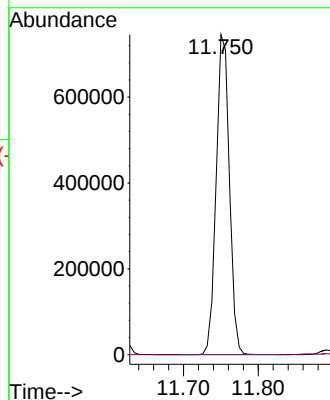
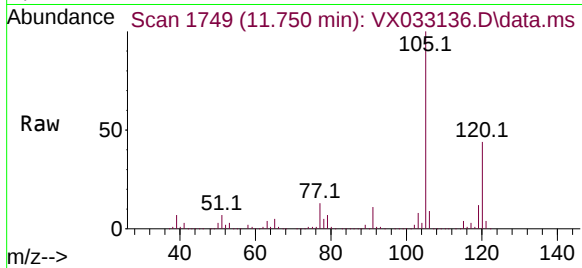




#85
 sec-Butylbenzene
 Concen: 112.180 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.140 min
 Lab File: VX033136.D
 Acq: 30 Nov 2022 16:51

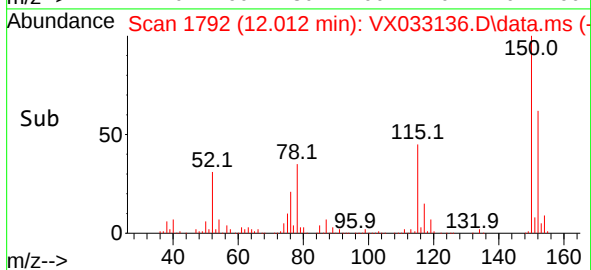
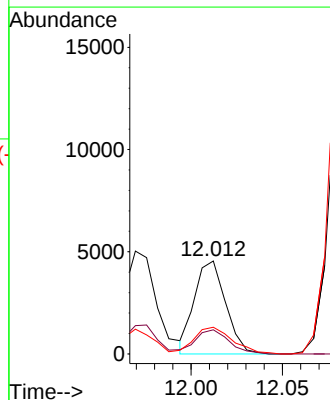
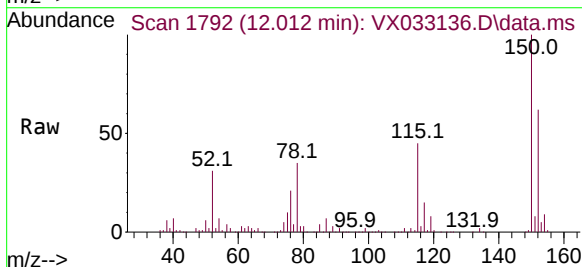
Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-3R

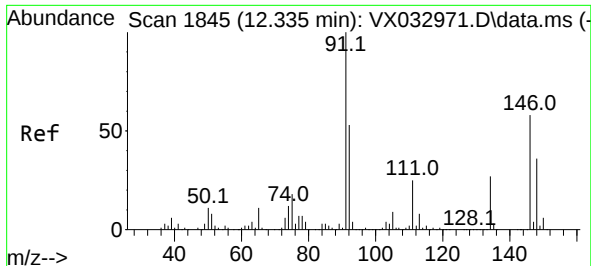
Tgt Ion:105 Resp: 914197
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7#



#86
 p-Isopropyltoluene
 Concen: 0.782 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033136.D
 Acq: 30 Nov 2022 16:51

Tgt Ion:119 Resp: 5400
 Ion Ratio Lower Upper
 119 100
 134 29.0 12.9 38.7
 91 0.0 12.5 37.5#





#89

n-Butylbenzene

Concen: 4.566 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033136.D

Acq: 30 Nov 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

PZ-3R

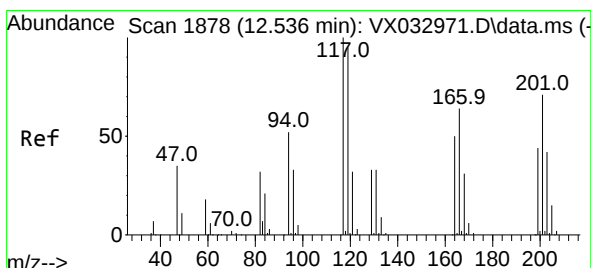
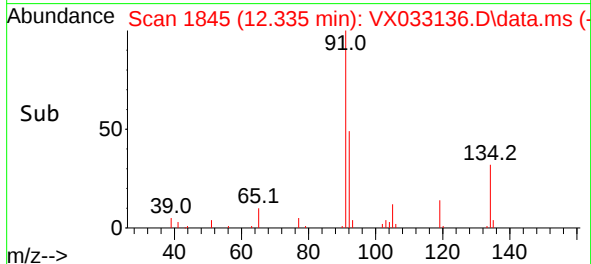
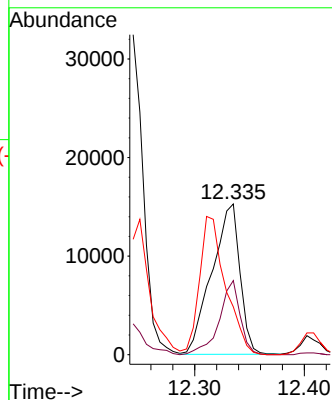
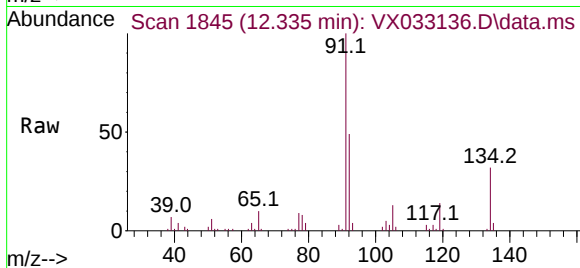
Tgt Ion: 91 Resp: 27162

Ion Ratio Lower Upper

91 100

92 36.8 26.2 78.6

134 0.0 12.9 38.6#



#90

Hexachloroethane

Concen: 6.555 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.012 min

Lab File: VX033136.D

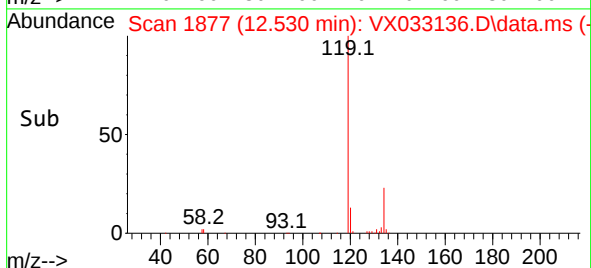
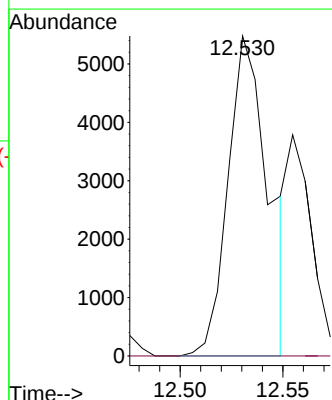
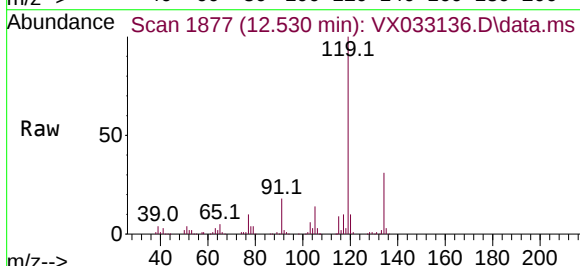
Acq: 30 Nov 2022 16:51

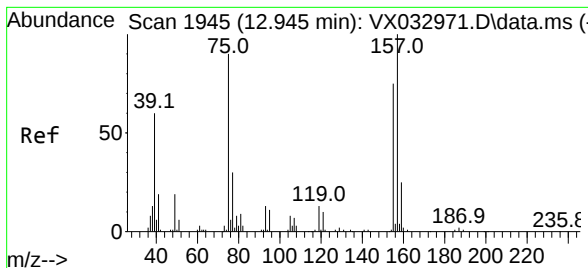
Tgt Ion: 117 Resp: 7436

Ion Ratio Lower Upper

117 100

201 0.0 37.6 112.9#

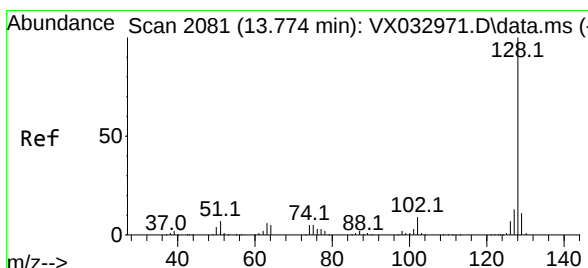
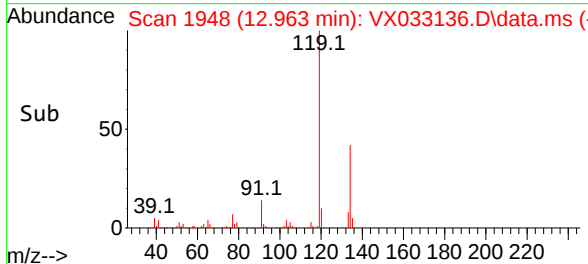
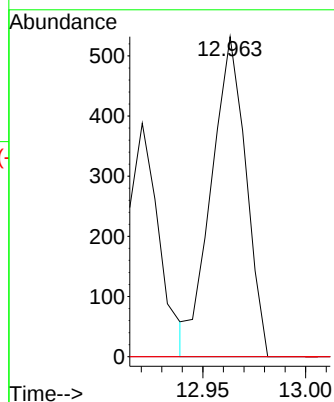
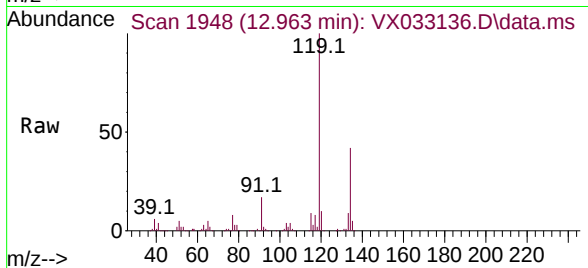




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.260 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

Tgt Ion: 75 Resp: 618
Ion Ratio Lower Upper
75 100
155 0.0 41.6 124.8#
157 0.0 54.1 162.4#



#95
Naphthalene
Concen: 26.030 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX033136.D
Acq: 30 Nov 2022 16:51

Tgt Ion: 128 Resp: 189739
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.2 8.9 13.3

