

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044463.D
 Acq On : 20 Dec 2024 19:26
 Operator : JC/MD
 Sample : P5355-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR251688

Quant Time: Dec 20 22:36:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	124489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77635	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88705	40.640	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.280%
35) Dibromofluoromethane	5.385	113	70904	47.389	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.780%
50) Toluene-d8	8.646	98	257204	50.954	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.900%
62) 4-Bromofluorobenzene	11.079	95	79235	44.923	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.840%

Target Compounds				Qvalue		
3) Chloromethane	1.294	50	515	0.280	ug/l #	42
5) Bromomethane	1.593	94	1086	0.798	ug/l #	30
9) 1,1,2-Trichlorotrifluo...	2.318	101	524	0.345	ug/l #	80
11) Tert butyl alcohol	2.940	59	1853	6.024	ug/l #	71
12) 1,1-Dichloroethene	2.306	96	500	0.358	ug/l	96
13) Acrolein	2.227	56	190	0.427	ug/l #	1
14) Allyl chloride	2.654	41	895	0.385	ug/l #	63
15) Acrylonitrile	3.080	53	674	0.791	ug/l #	57
16) Acetone	2.385	43	28565	32.101	ug/l	99
17) Carbon Disulfide	2.501	76	2302	0.868	ug/l #	93
18) Methyl Acetate	2.709	43	2479	1.080	ug/l	99
20) Methylene Chloride	2.782	84	3227	1.931	ug/l	85
21) trans-1,2-Dichloroethene	3.087	96	746	0.503	ug/l #	77
25) 2-Butanone	4.598	43	3099	2.450	ug/l	90
27) cis-1,2-Dichloroethene	4.501	96	380	0.202	ug/l	91
29) Tetrahydrofuran	5.031	42	354	0.436	ug/l #	50
30) Chloroform	5.086	83	21755	6.637	ug/l	93
36) 1,1-Dichloropropene	5.696	75	808	0.418	ug/l #	69
37) Ethyl Acetate	4.745	43	1287	0.538	ug/l #	79
39) Methylcyclohexane	7.378	83	631	0.273	ug/l #	76
43) Isopropyl Acetate	6.342	43	77071	20.626	ug/l	99
44) Trichloroethene	7.122	130	2438	1.665	ug/l	99
46) Dibromomethane	7.586	93	428	0.368	ug/l #	79
48) Methyl methacrylate	7.793	41	41945	23.125	ug/l #	46
51) 4-Methyl-2-Pentanone	8.549	43	65051	27.075	ug/l #	47
52) Toluene	8.732	92	1013	0.275	ug/l	77
53) t-1,3-Dichloropropene	8.994	75	404	1.189	ug/l #	65
54) cis-1,3-Dichloropropene	8.549	75	28208	12.889	ug/l #	66
59) 2-Hexanone	9.482	43	32325	18.588	ug/l #	53
60) Dibromochloromethane	9.530	129	119	1.309	ug/l	58
64) Tetrachloroethene	9.268	164	707	0.577	ug/l #	55
65) Chlorobenzene	10.079	112	1281	0.324	ug/l #	55
67) Ethyl Benzene	10.195	91	1915	0.280	ug/l	97
68) m/p-Xylenes	10.299	106	1496	0.596	ug/l	91
69) o-Xylene	10.658	106	581	0.229	ug/l	96
70) Styrene	10.664	104	1084	0.266	ug/l	92

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

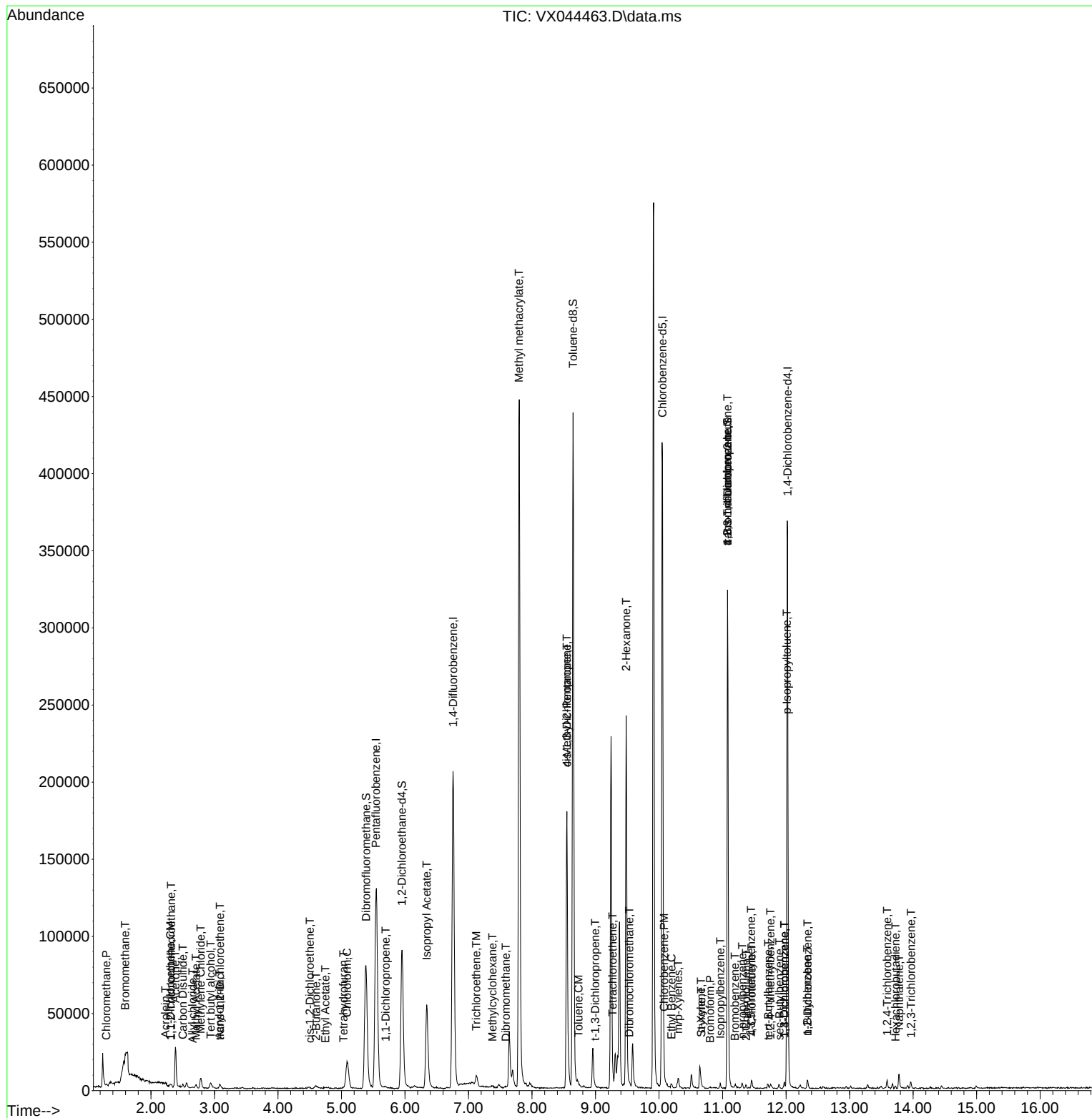
71) Bromoform	10.805	173	121	1.378	ug/l #	29
73) Isopropylbenzene	10.963	105	1698	0.286	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	44759	25.821	ug/l #	36
77) Bromobenzene	11.195	156	575	0.399	ug/l	93
78) n-propylbenzene	11.311	91	2217	0.337	ug/l	95
79) 2-Chlorotoluene	11.372	91	1439	0.339	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	1344	0.273	ug/l	86
81) trans-1,4-Dichloro-2-b...	11.079	75	44759	71.315	ug/l #	4
82) 4-Chlorotoluene	11.457	91	2196	0.467	ug/l	93
83) tert-Butylbenzene	11.719	119	1216	0.250	ug/l #	90
84) 1,2,4-Trimethylbenzene	11.756	105	1543	0.319	ug/l	99
85) sec-Butylbenzene	11.896	105	1816	0.307	ug/l	97
86) p-Isopropyltoluene	12.012	119	1556	0.316	ug/l #	75
87) 1,3-Dichlorobenzene	11.975	146	1309	0.520	ug/l	98
88) 1,4-Dichlorobenzene	11.975	146	1309	0.506	ug/l	97
89) n-Butylbenzene	12.335	91	1753	0.424	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	978	0.374	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	1201	0.838	ug/l	86
94) Hexachlorobutadiene	13.725	225	364	0.631	ug/l #	76
95) Naphthalene	13.780	128	6838	1.222	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	1317	0.866	ug/l	98

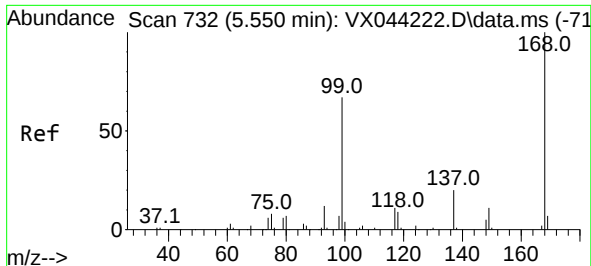
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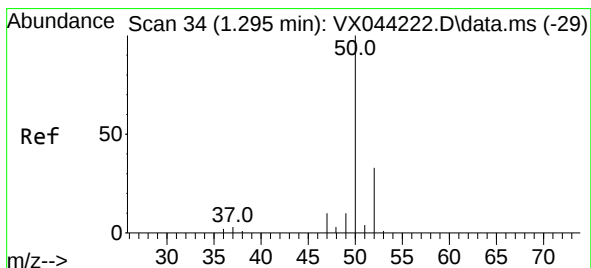
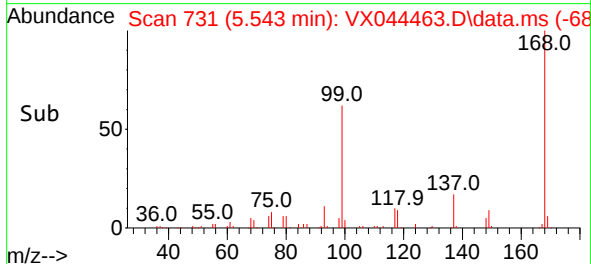
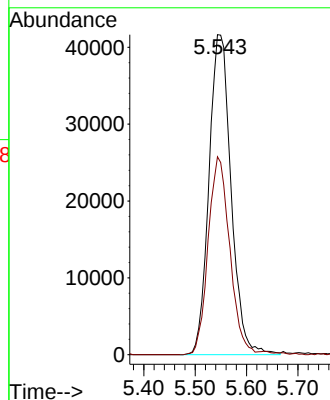
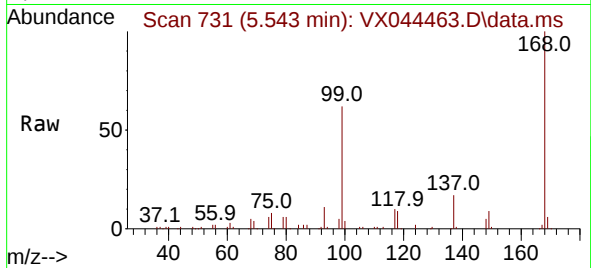




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX044463.D
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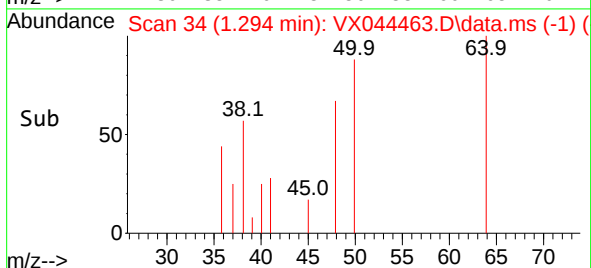
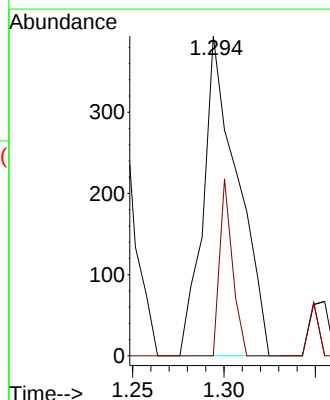
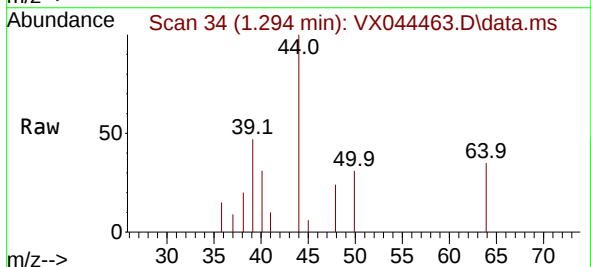
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ClientSampleId :
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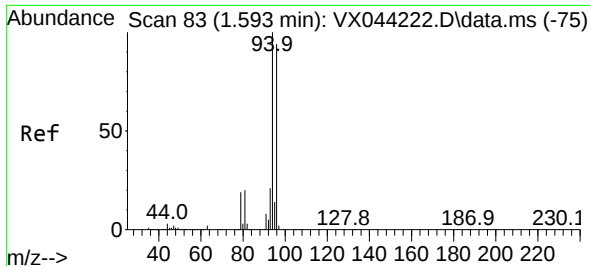
Tgt Ion:168 Resp: 124489
Ion Ratio Lower Upper
168 100
99 61.9 53.4 80.0



#3
Chloromethane
Concen: 0.280 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 50 Resp: 515
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

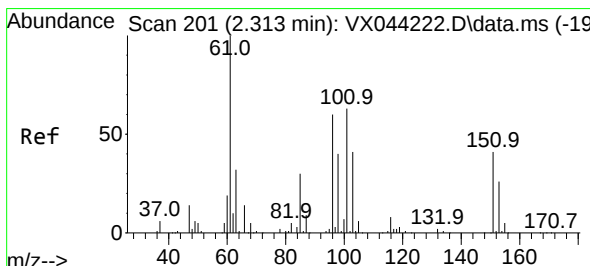
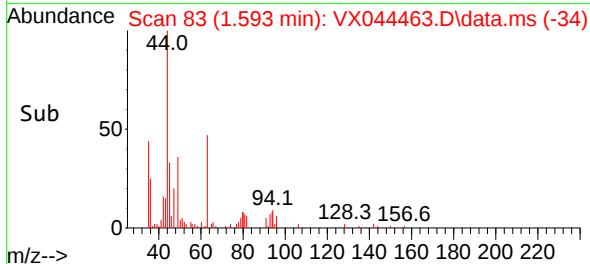
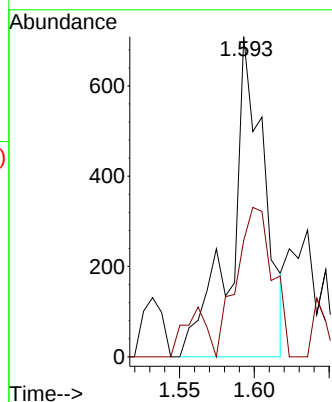
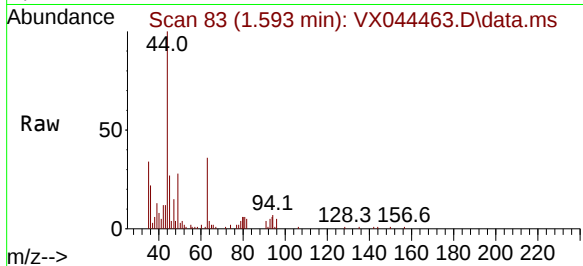




#5
Bromomethane
Concen: 0.798 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

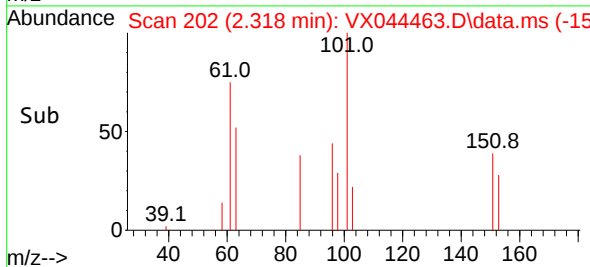
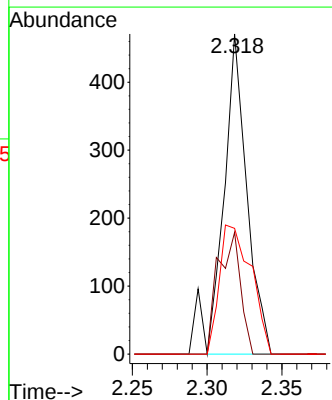
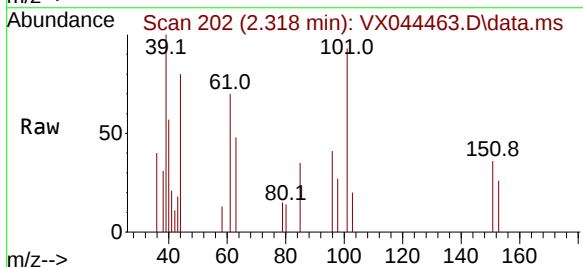
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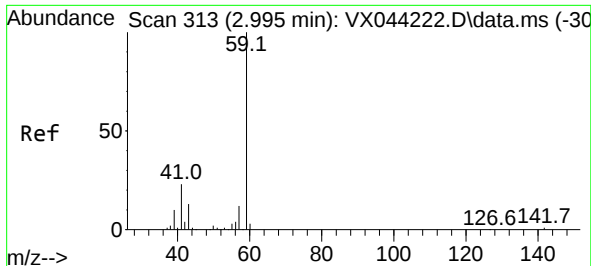
Tgt Ion: 94 Resp: 1086
Ion Ratio Lower Upper
94 100
96 26.5 74.9 112.3#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.345 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 101 Resp: 524
Ion Ratio Lower Upper
101 100
85 35.5 38.5 57.7#
151 53.2 55.8 83.6#





#11

Tert butyl alcohol

Concen: 6.024 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :

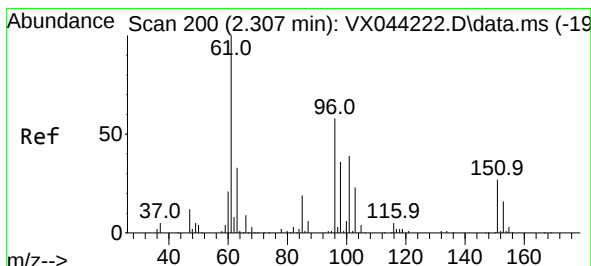
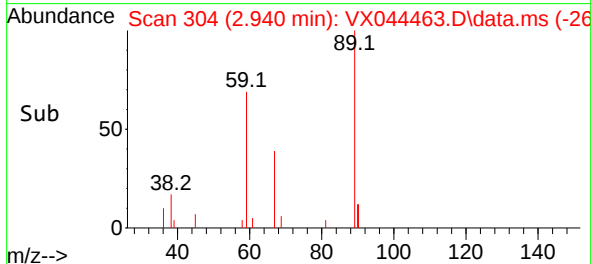
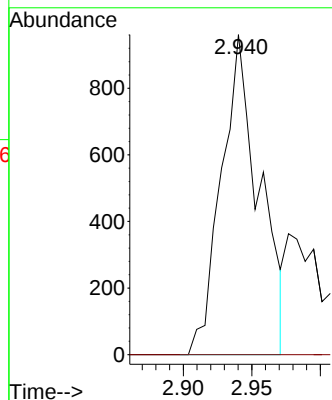
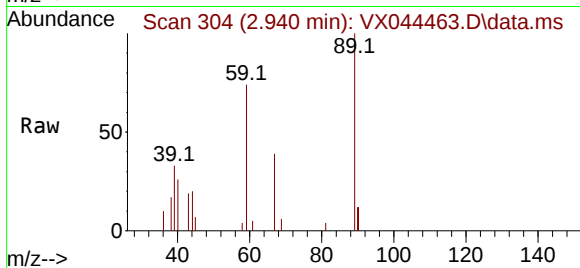
RBR251688

Tgt Ion: 59 Resp: 1853

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#12

1,1-Dichloroethene

Concen: 0.358 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

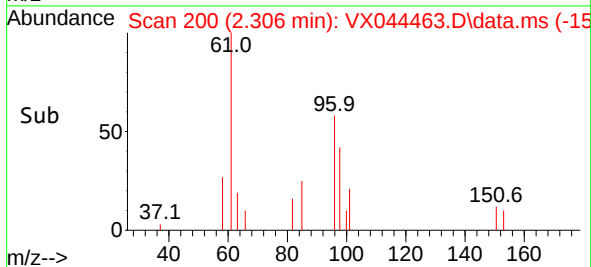
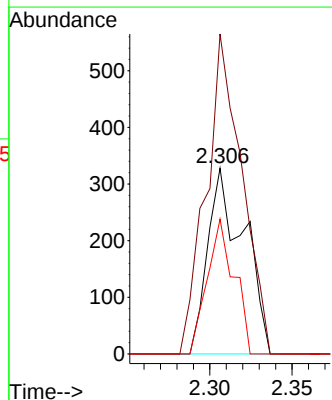
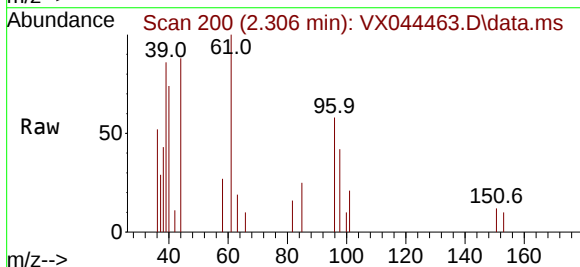
Tgt Ion: 96 Resp: 500

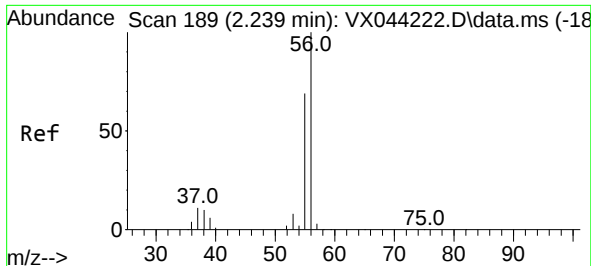
Ion Ratio Lower Upper

96 100

61 172.3 138.0 207.0

98 72.6 50.0 75.0

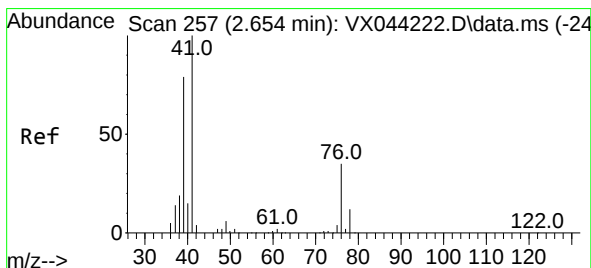
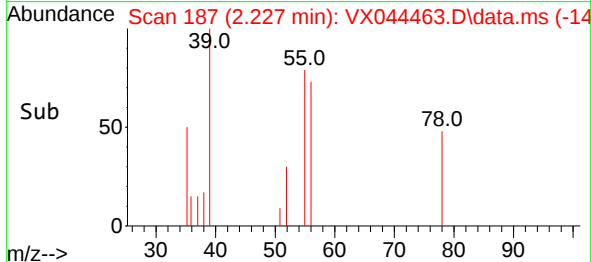
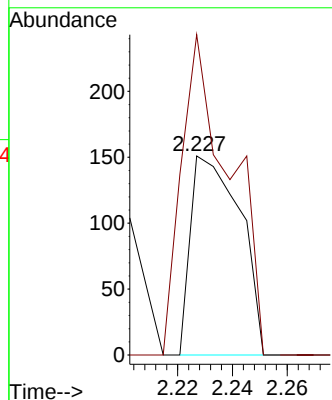
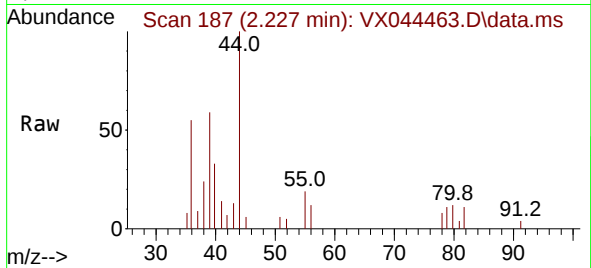




#13
Acrolein
Concen: 0.427 ug/l
RT: 2.227 min Scan# 189
Delta R.T. -0.013 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

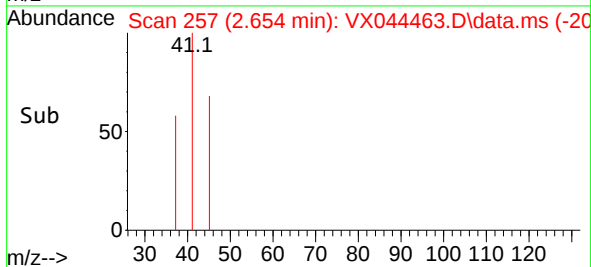
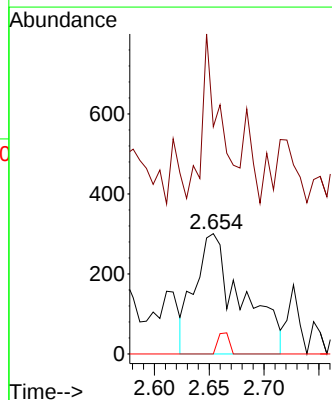
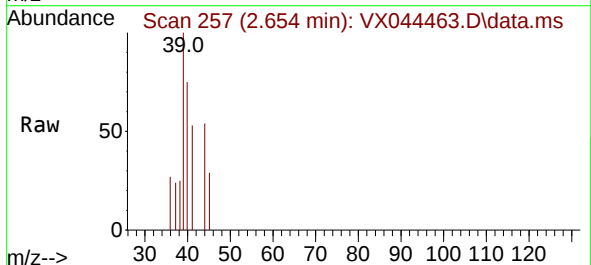
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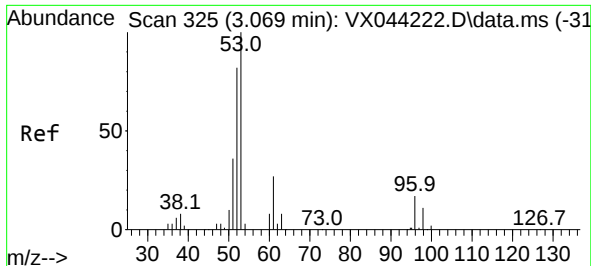
Tgt Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
55 157.4 56.6 84.8#



#14
Allyl chloride
Concen: 0.385 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 41 Resp: 895
Ion Ratio Lower Upper
41 100
39 54.1 61.9 92.9#
76 0.0 27.4 41.2#

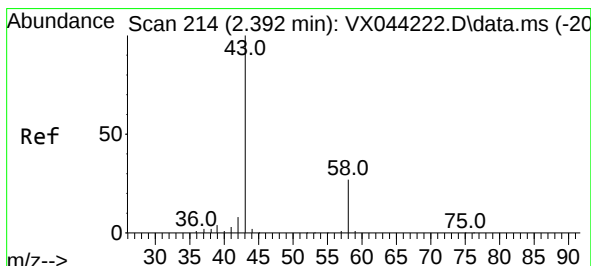
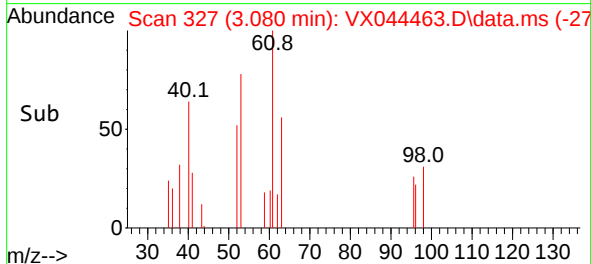
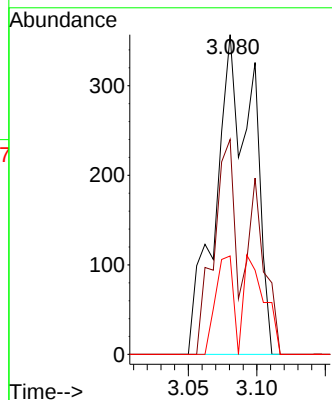
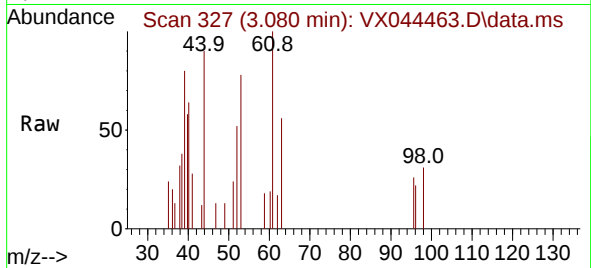




#15
Acrylonitrile
Concen: 0.791 ug/l
RT: 3.080 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

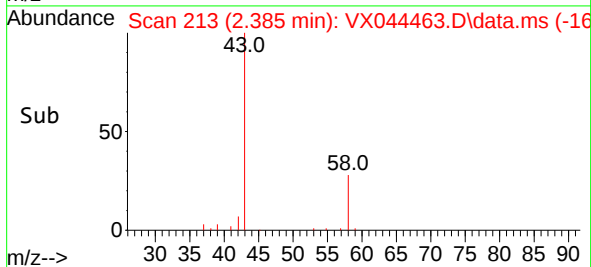
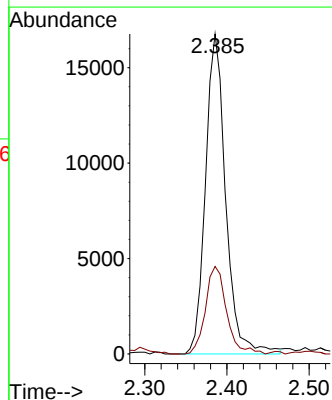
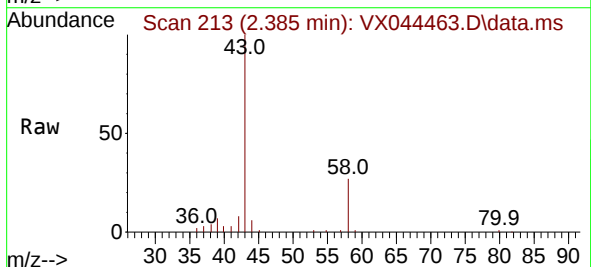
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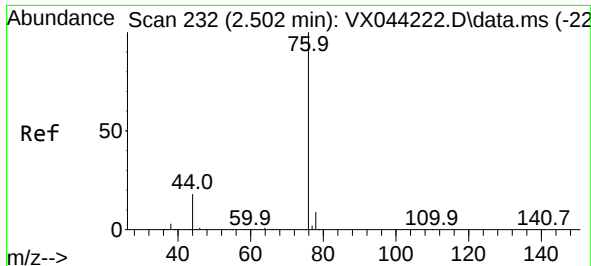
Tgt Ion: 53 Resp: 674
Ion Ratio Lower Upper
53 100
52 44.1 67.4 101.0#
51 14.5 30.3 45.5#



#16
Acetone
Concen: 32.101 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 43 Resp: 28565
Ion Ratio Lower Upper
43 100
58 27.3 21.6 32.4

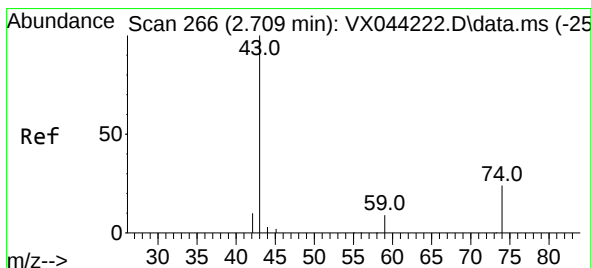
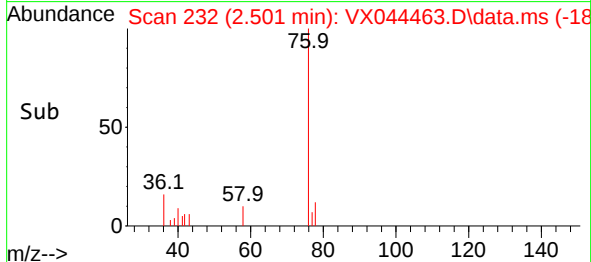
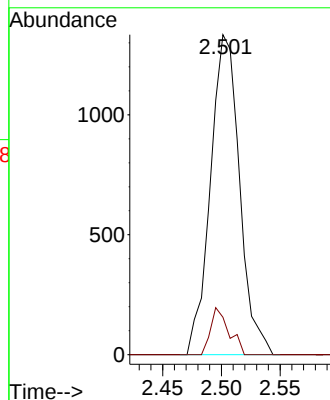
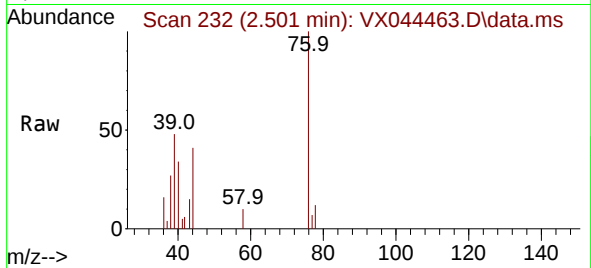




#17
Carbon Disulfide
Concen: 0.868 ug/l
RT: 2.501 min Scan# 211
Delta R.T. -0.000 min
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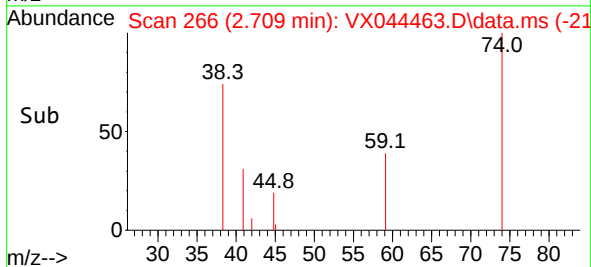
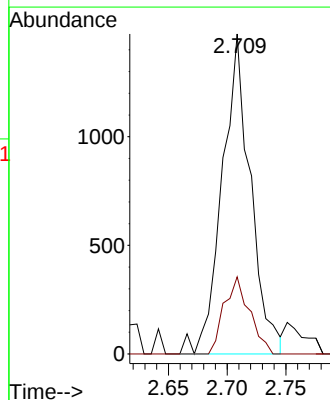
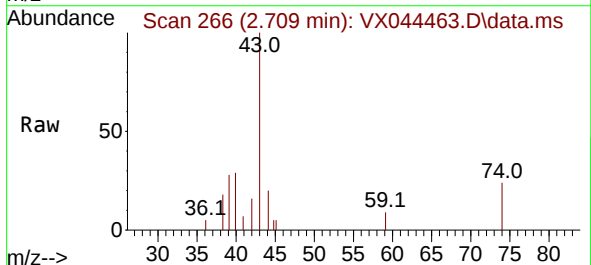
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

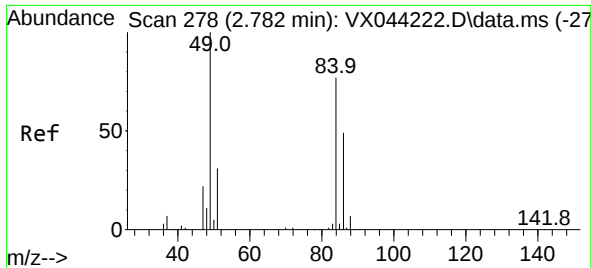
Tgt Ion: 76 Resp: 2302
Ion Ratio Lower Upper
76 100
78 11.7 7.4 11.0#



#18
Methyl Acetate
Concen: 1.080 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 43 Resp: 2479
Ion Ratio Lower Upper
43 100
74 21.5 17.7 26.5



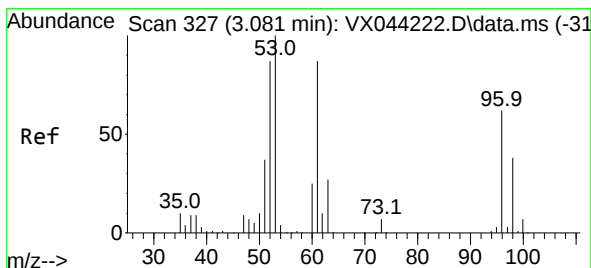
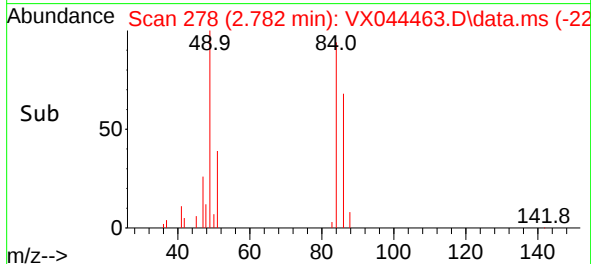
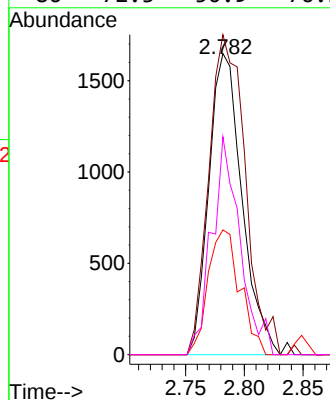
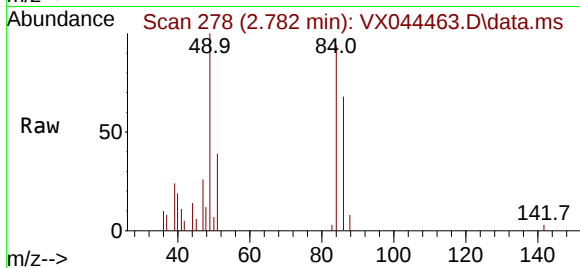


#20
Methylene Chloride
Concen: 1.931 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Instrument :
MSVOA_X
ClientSampleId :
RBR251688

Tgt Ion: 84 Resp: 3227

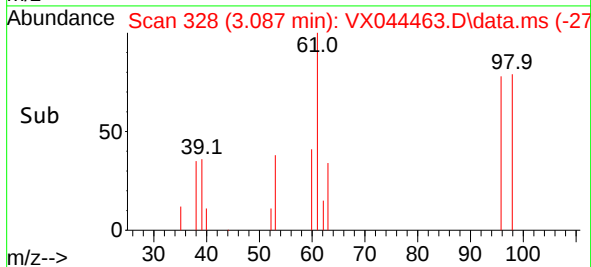
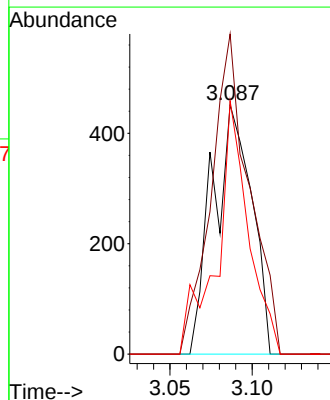
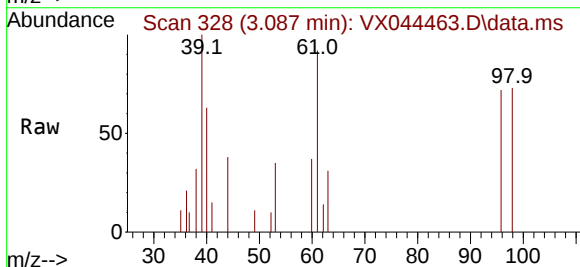
Ion	Ratio	Lower	Upper
84	100		
49	106.2	104.2	156.4
51	41.4	32.2	48.4
86	72.3	50.9	76.3

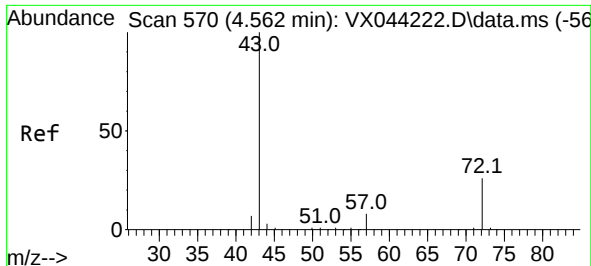


#21
trans-1,2-Dichloroethene
Concen: 0.503 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.006 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 96 Resp: 746

Ion	Ratio	Lower	Upper
96	100		
61	128.3	112.0	168.0
98	101.5	48.8	73.2

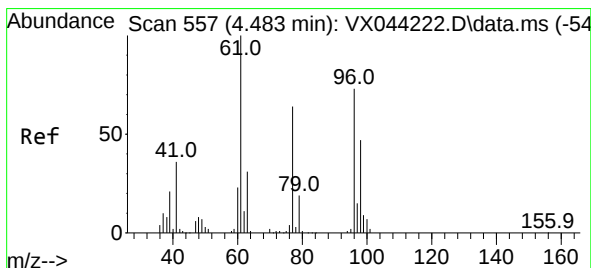
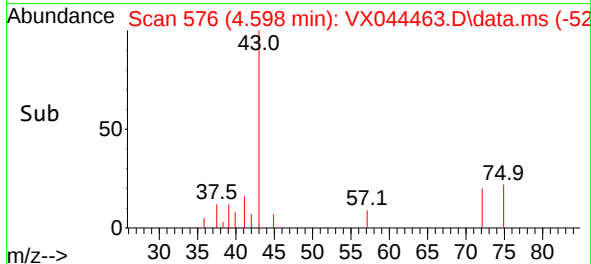
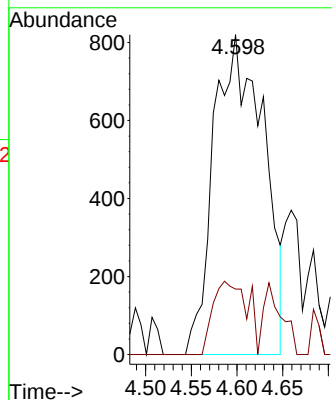
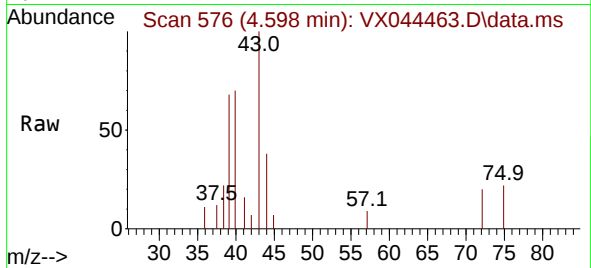




#25
2-Butanone
Concen: 2.450 ug/l
RT: 4.598 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

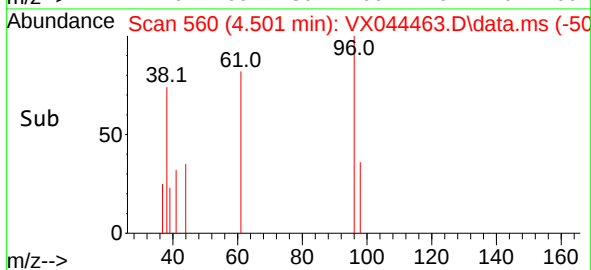
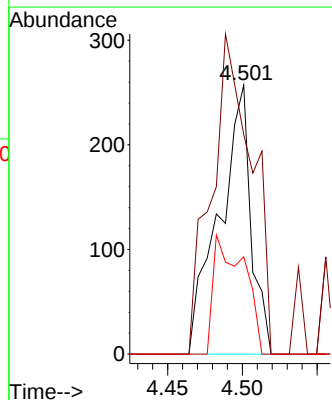
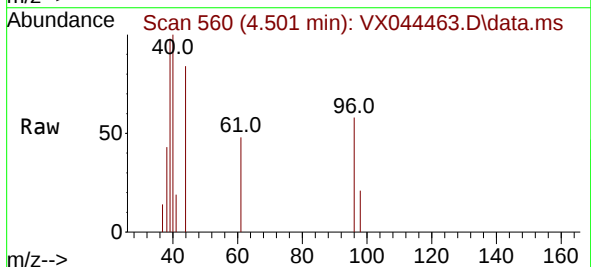
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

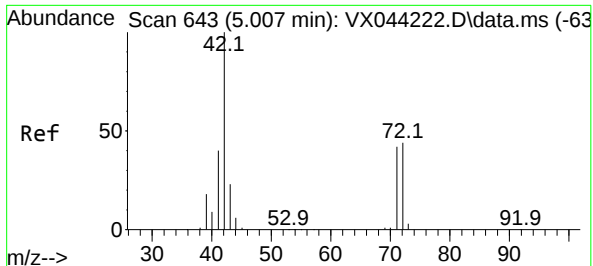
Tgt Ion: 43 Resp: 3099
Ion Ratio Lower Upper
43 100
72 20.5 20.2 30.4



#27
cis-1,2-Dichloroethene
Concen: 0.202 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.018 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 96 Resp: 380
Ion Ratio Lower Upper
96 100
61 150.8 0.0 299.0
98 42.4 0.0 129.0

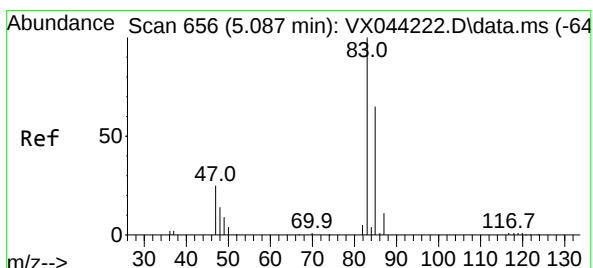
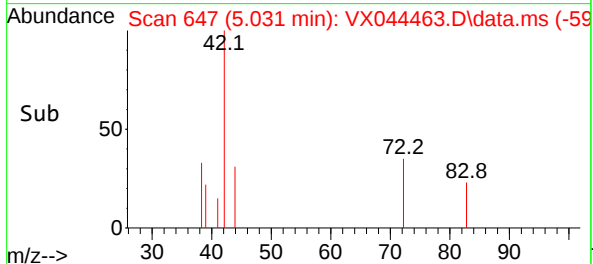
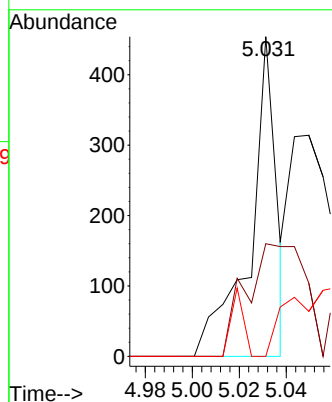
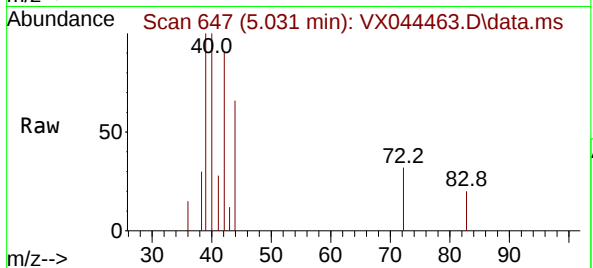




#29
Tetrahydrofuran
Concen: 0.436 ug/l
RT: 5.031 min Scan# 643
Delta R.T. 0.024 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

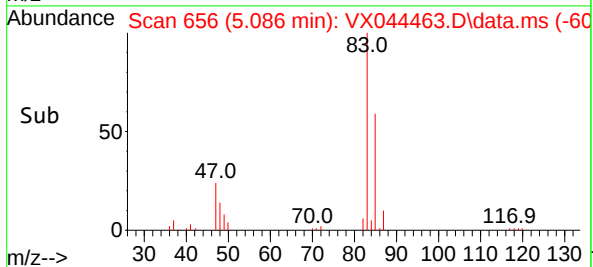
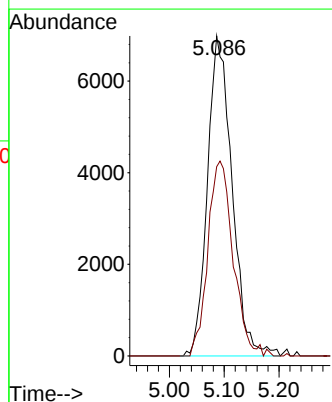
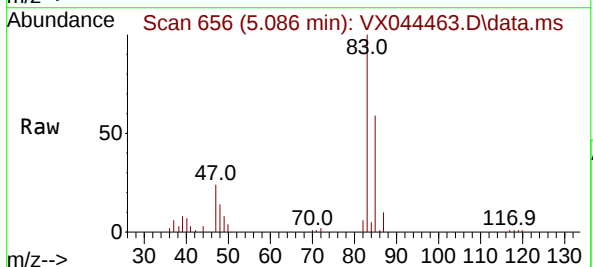
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

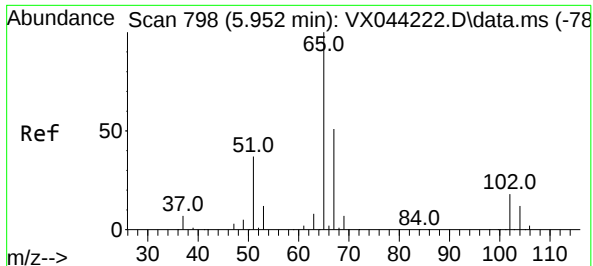
Tgt Ion: 42 Resp: 354
Ion Ratio Lower Upper
42 100
72 78.8 37.0 55.6#
71 9.9 33.6 50.4#



#30
Chloroform
Concen: 6.637 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 83 Resp: 21755
Ion Ratio Lower Upper
83 100
85 59.2 51.6 77.4





#33

1,2-Dichloroethane-d4

Concen: 40.640 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :

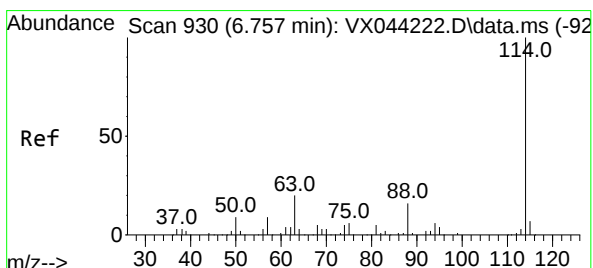
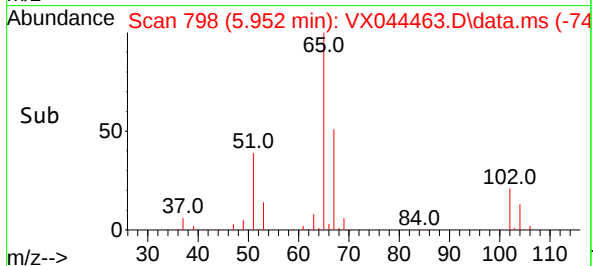
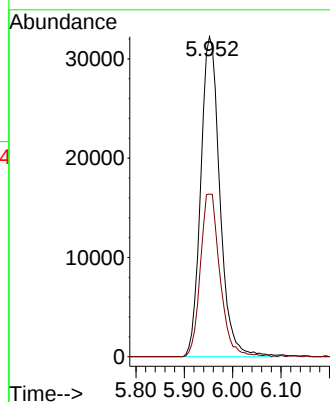
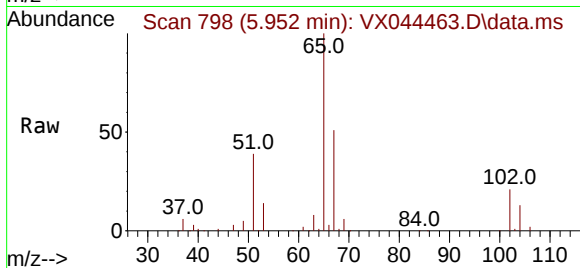
RBR251688

Tgt Ion: 65 Resp: 88705

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

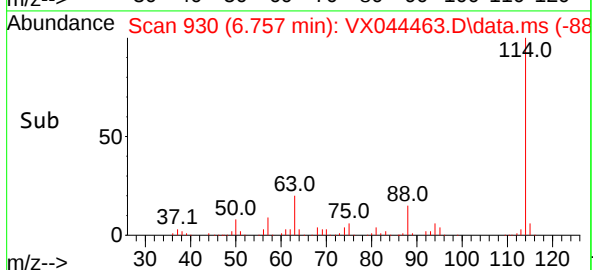
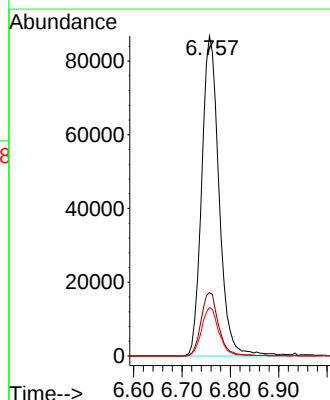
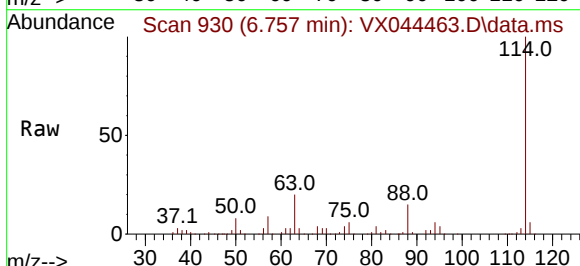
Tgt Ion: 114 Resp: 216029

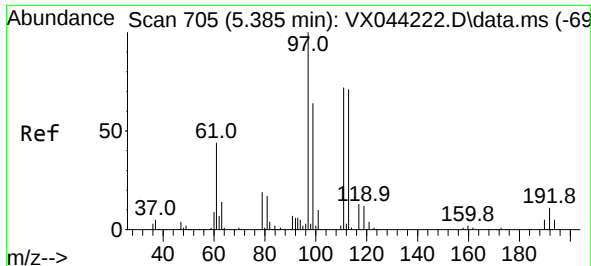
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

88 15.2 0.0 31.8

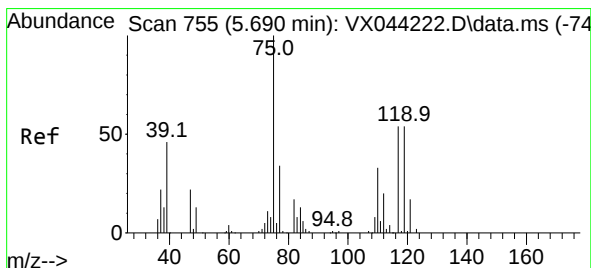
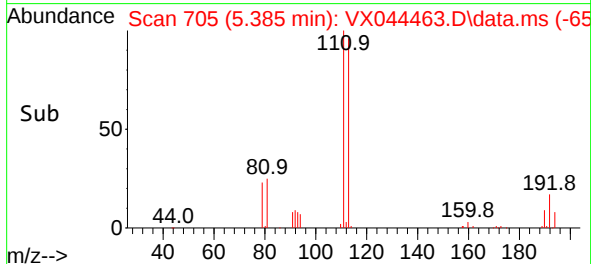
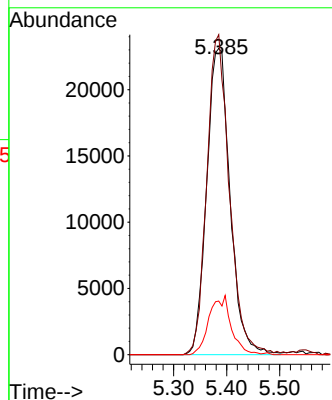
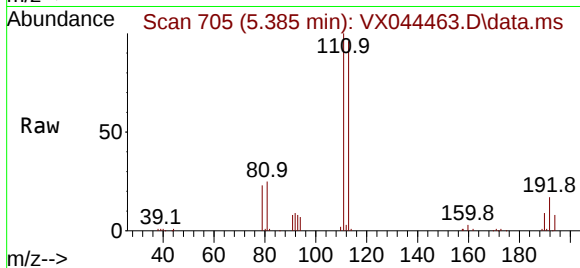




#35
Dibromofluoromethane
Concen: 47.389 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

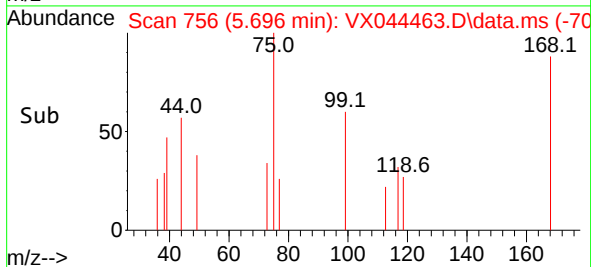
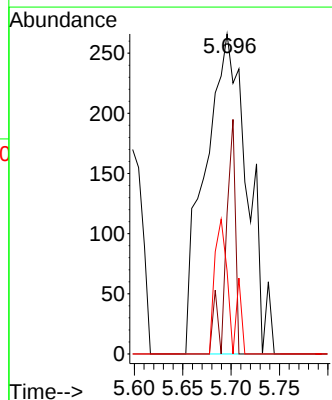
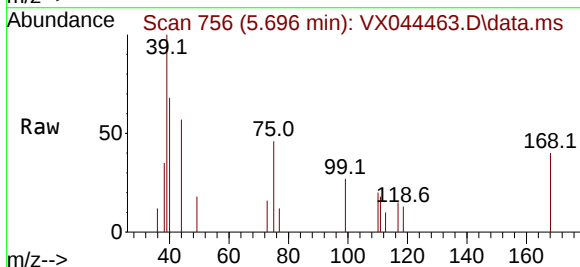
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

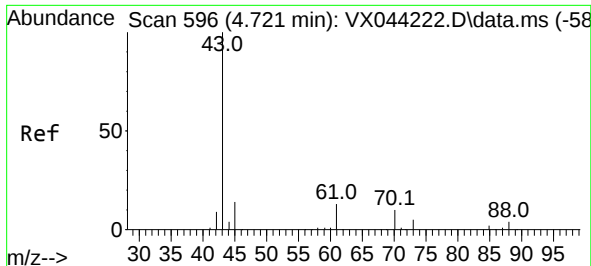
Tgt Ion:113 Resp: 70904
Ion Ratio Lower Upper
113 100
111 101.4 80.4 120.6
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 0.418 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 75 Resp: 808
Ion Ratio Lower Upper
75 100
110 16.5 17.3 51.7#
77 14.9 25.4 38.0#





#37

Ethyl Acetate

Concen: 0.538 ug/l

RT: 4.745 min Scan# 60

Delta R.T. 0.024 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :

RBR251688

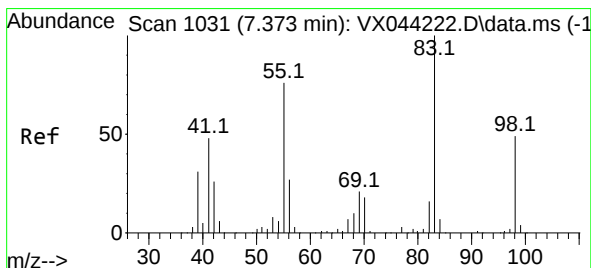
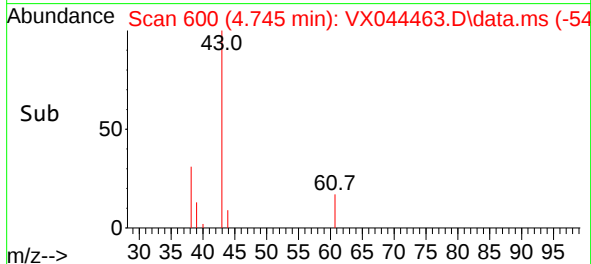
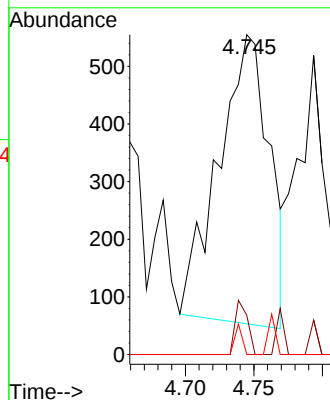
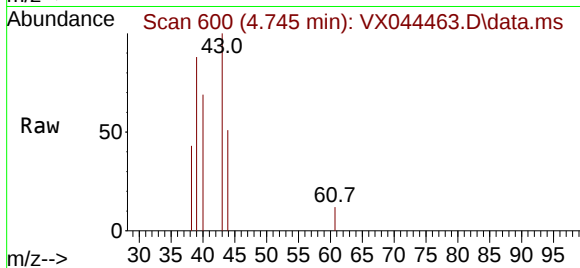
Tgt Ion: 43 Resp: 1287

Ion Ratio Lower Upper

43 100

61 4.6 9.8 14.8#

70 1.5 7.7 11.5#



#39

Methylcyclohexane

Concen: 0.273 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

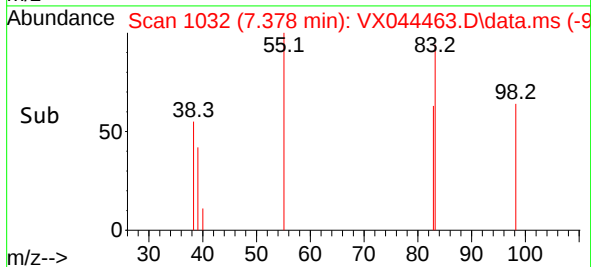
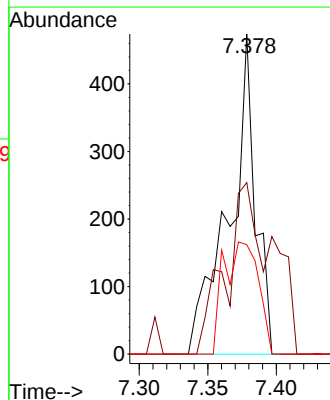
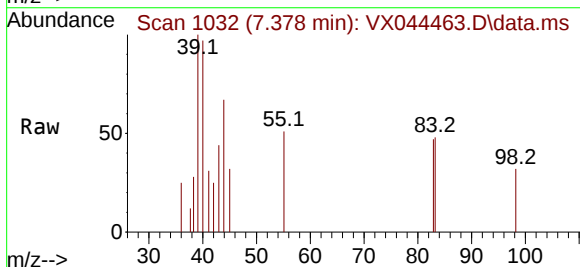
Tgt Ion: 83 Resp: 631

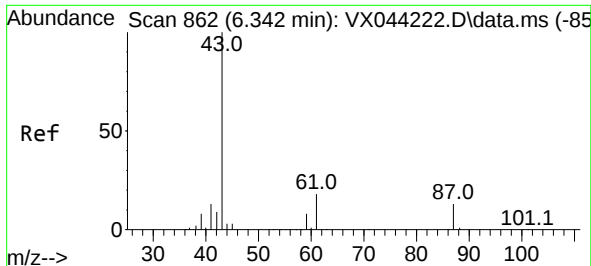
Ion Ratio Lower Upper

83 100

55 53.6 60.7 91.1#

98 34.2 38.9 58.3#

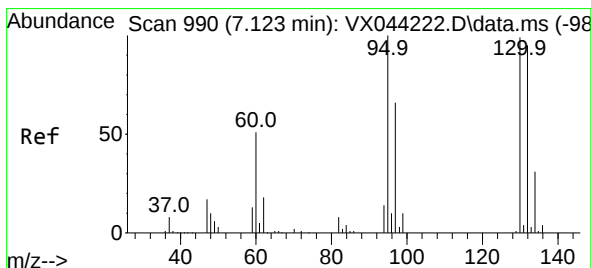
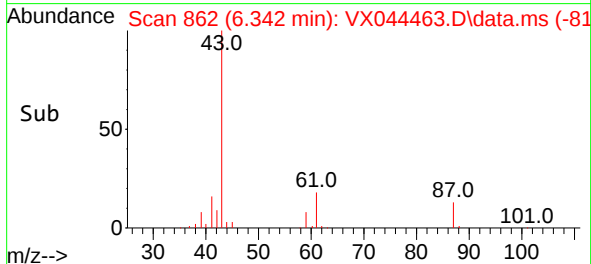
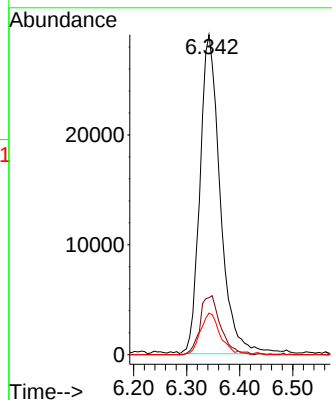
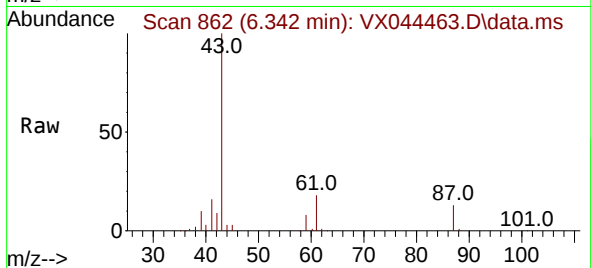




#43
Isopropyl Acetate
Concen: 20.626 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

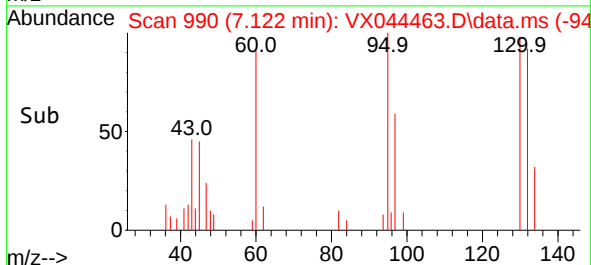
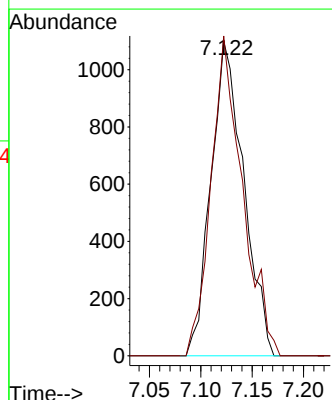
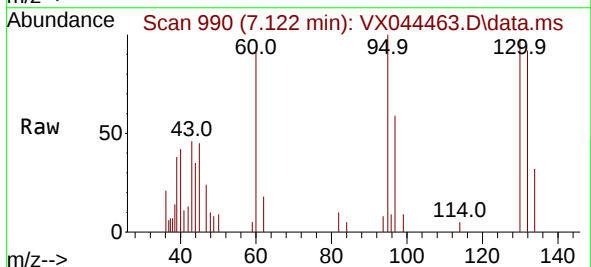
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

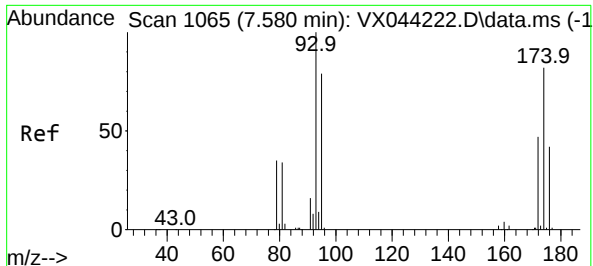
Tgt Ion: 43 Resp: 77071
Ion Ratio Lower Upper
43 100
61 18.8 14.2 21.2
87 12.7 10.2 15.2



#44
Trichloroethene
Concen: 1.665 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 130 Resp: 2438
Ion Ratio Lower Upper
130 100
95 101.6 0.0 201.4

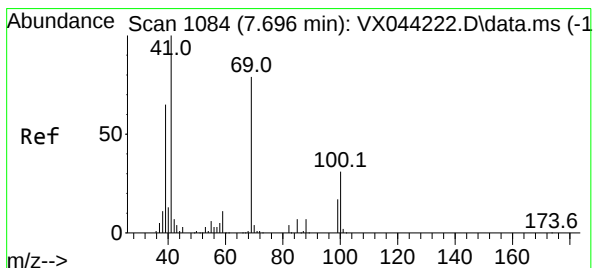
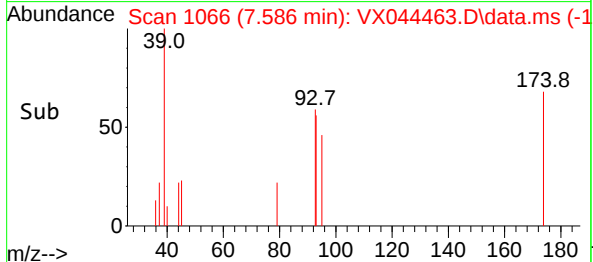
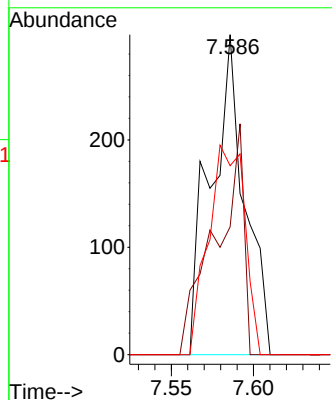
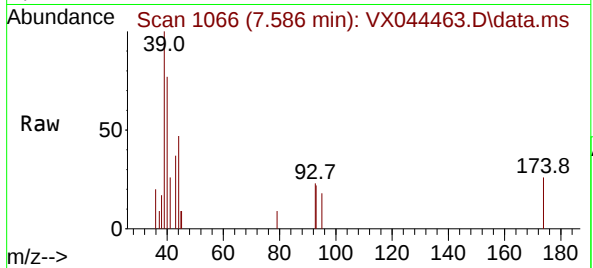




#46
Dibromomethane
Concen: 0.368 ug/l
RT: 7.586 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

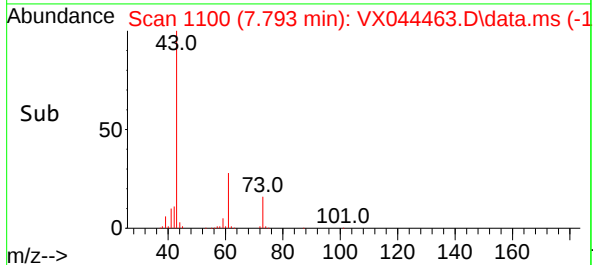
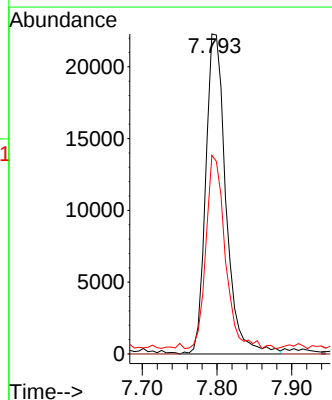
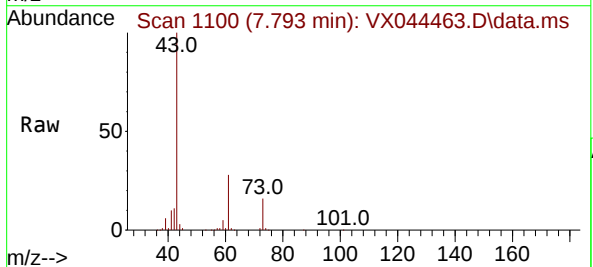
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

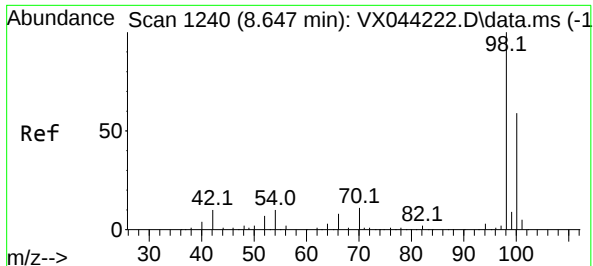
Tgt Ion: 93 Resp: 428
Ion Ratio Lower Upper
93 100
95 58.6 65.4 98.2#
174 69.6 67.9 101.9



#48
Methyl methacrylate
Concen: 23.125 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.097 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 41 Resp: 41945
Ion Ratio Lower Upper
41 100
69 0.0 62.4 93.6#
39 57.6 53.3 79.9

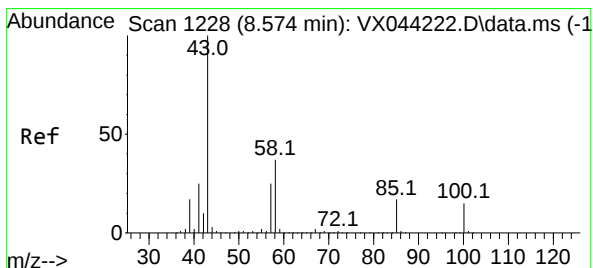
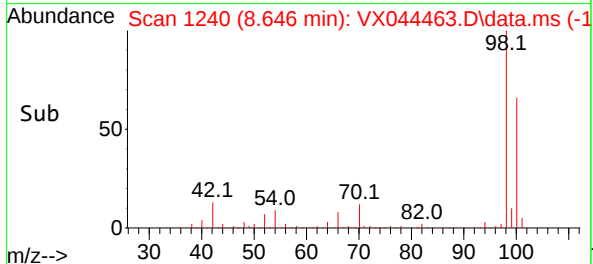
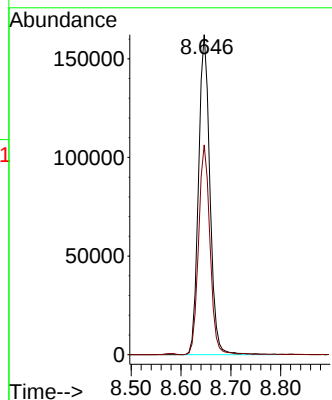
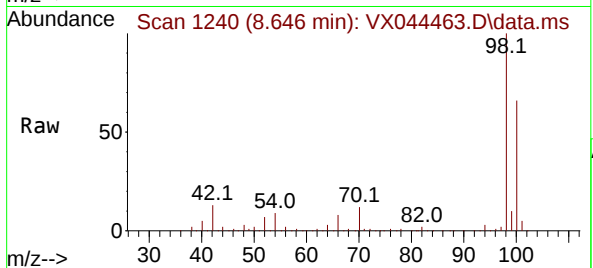




#50
Toluene-d8
Concen: 50.954 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

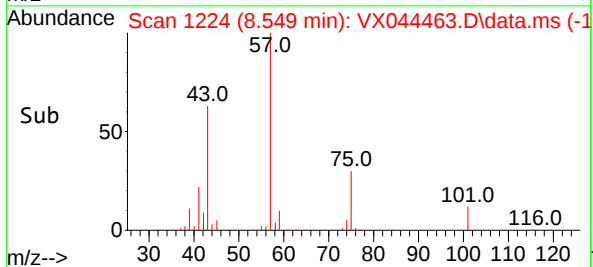
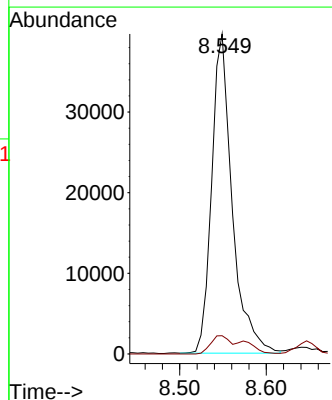
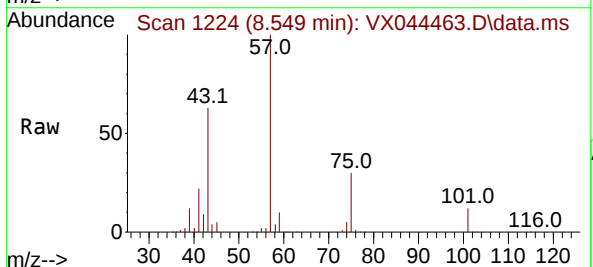
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

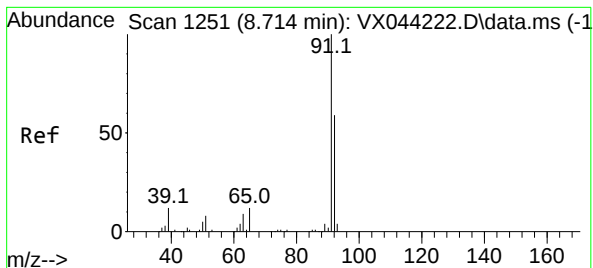
Tgt Ion: 98 Resp: 257204
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 27.075 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 43 Resp: 65051
Ion Ratio Lower Upper
43 100
58 5.5 29.4 44.0#





#52

Toluene

Concen: 0.275 ug/l

RT: 8.732 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :

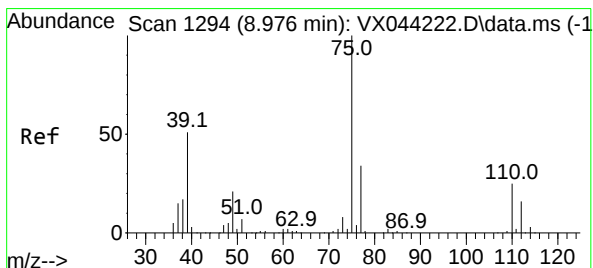
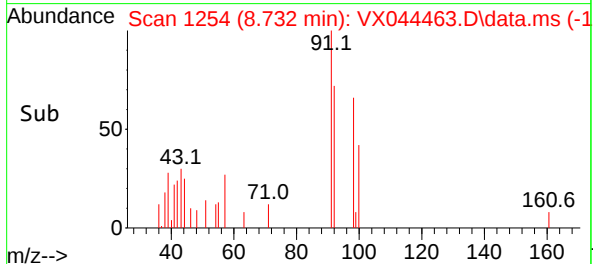
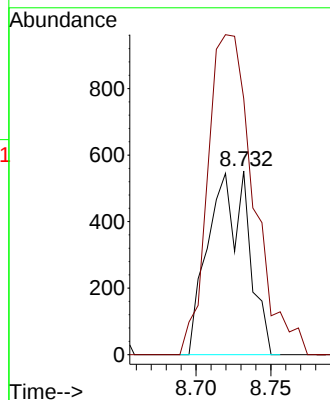
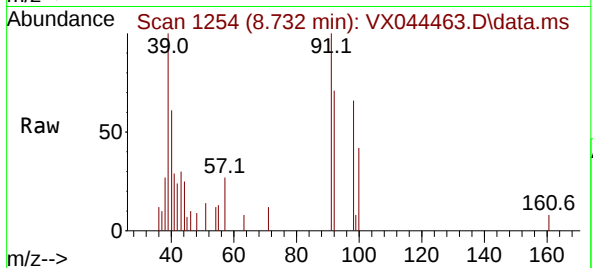
RBR251688

Tgt Ion: 92 Resp: 1013

Ion Ratio Lower Upper

92 100

91 202.8 137.0 205.6



#53

t-1,3-Dichloropropene

Concen: 1.189 ug/l

RT: 8.994 min Scan# 1297

Delta R.T. 0.018 min

Lab File: VX044463.D

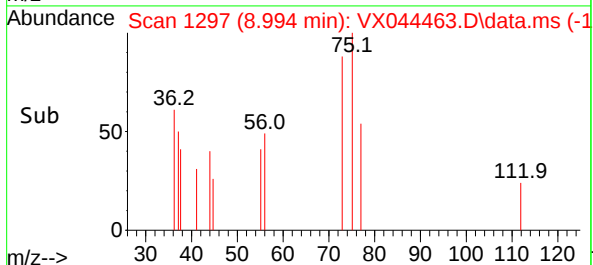
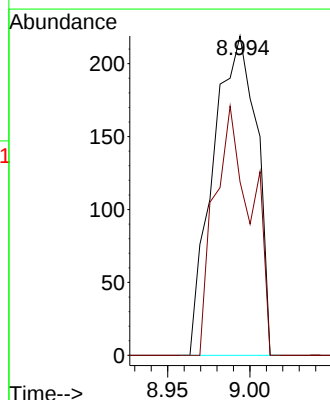
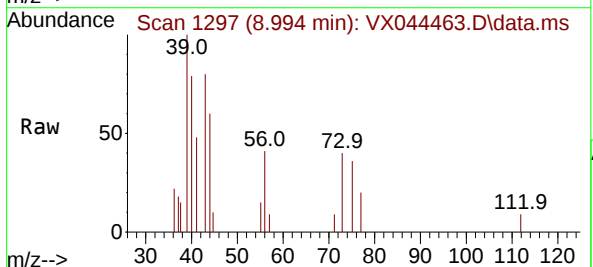
Acq: 20 Dec 2024 19:26

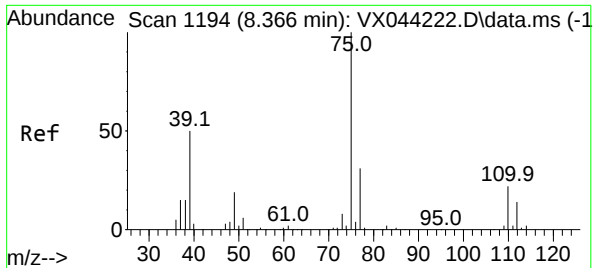
Tgt Ion: 75 Resp: 404

Ion Ratio Lower Upper

75 100

77 54.3 27.2 40.8#

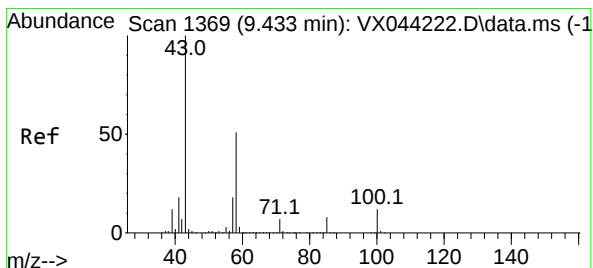
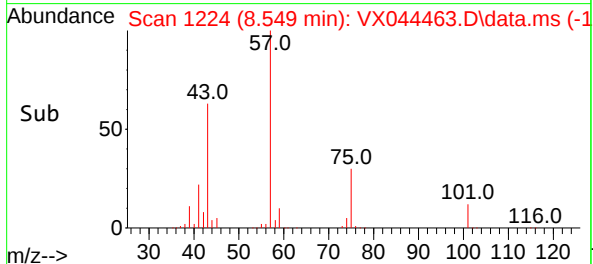
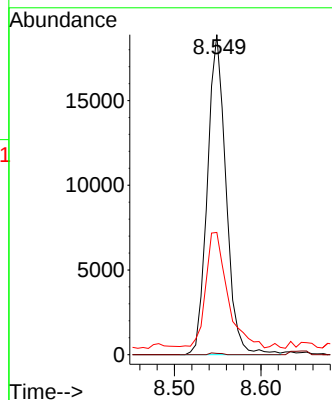
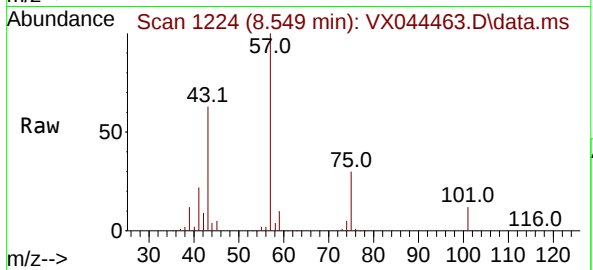




#54
cis-1,3-Dichloropropene
Concen: 12.889 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

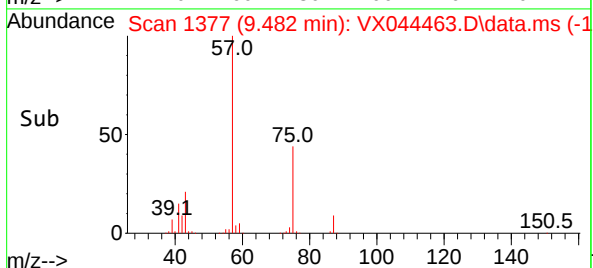
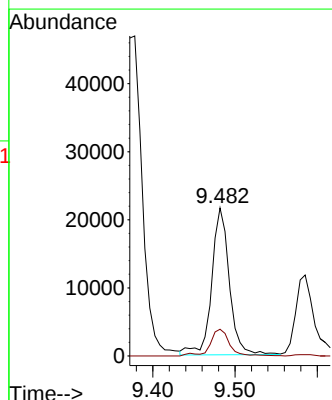
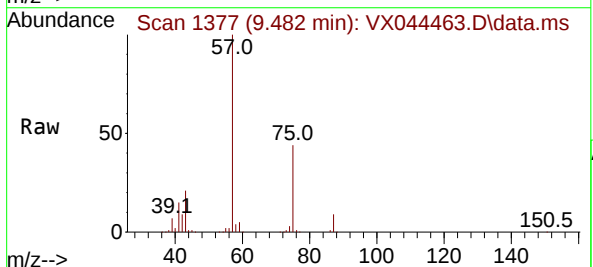
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

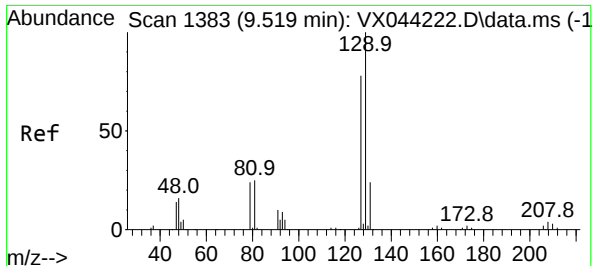
Tgt Ion: 75 Resp: 28208
Ion Ratio Lower Upper
75 100
77 0.4 24.7 37.1#
39 35.9 40.3 60.5#



#59
2-Hexanone
Concen: 18.588 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.048 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 43 Resp: 32325
Ion Ratio Lower Upper
43 100
58 18.5 25.7 77.0#

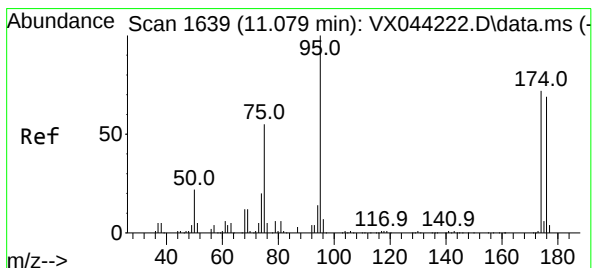
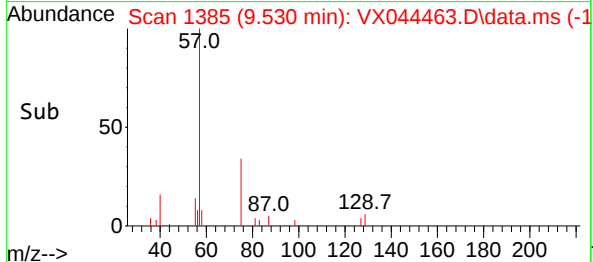
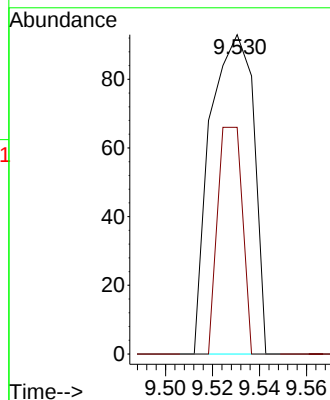
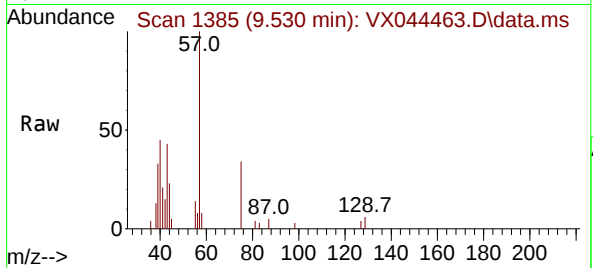




#60
Dibromochloromethane
Concen: 1.309 ug/l
RT: 9.530 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

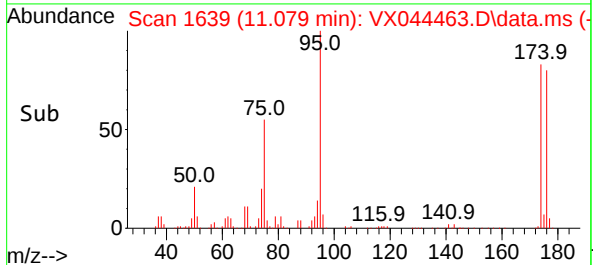
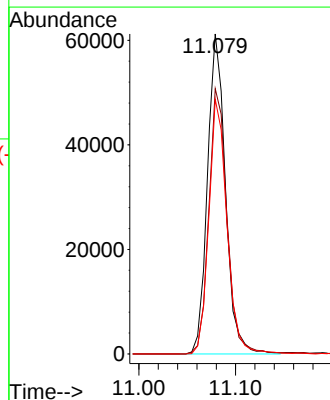
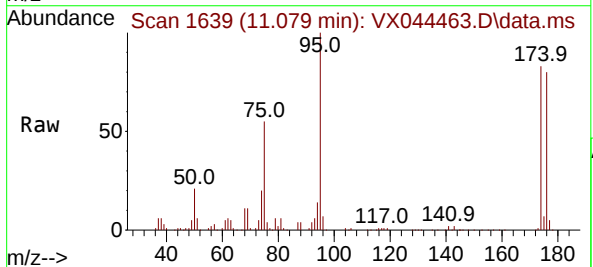
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

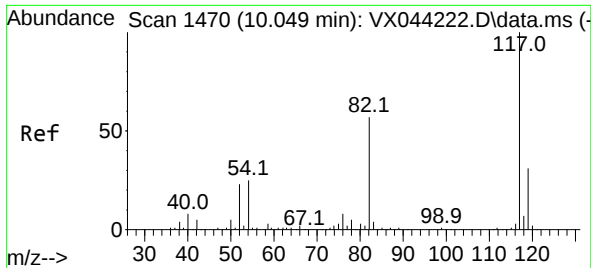
Tgt Ion:129 Resp: 119
Ion Ratio Lower Upper
129 100
127 40.3 38.5 115.3



#62
4-Bromofluorobenzene
Concen: 44.923 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 95 Resp: 79235
Ion Ratio Lower Upper
95 100
174 83.9 0.0 145.8
176 80.1 0.0 137.8

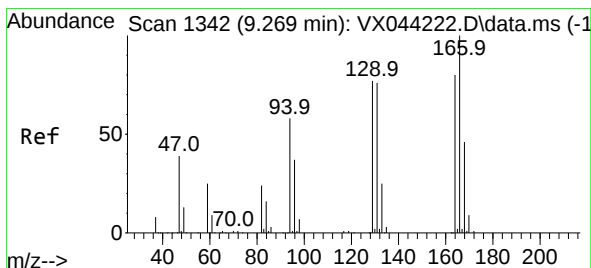
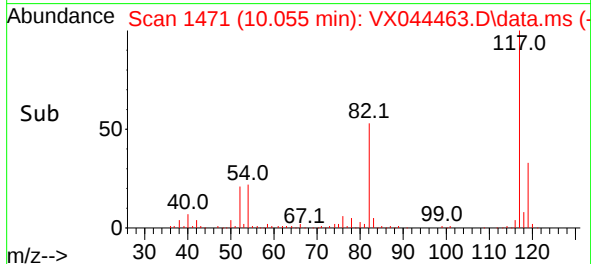
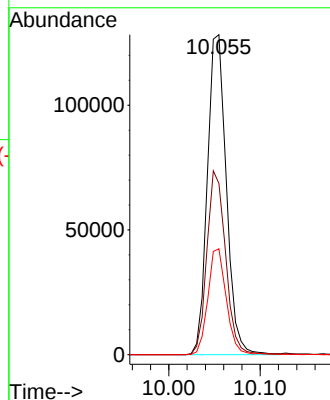
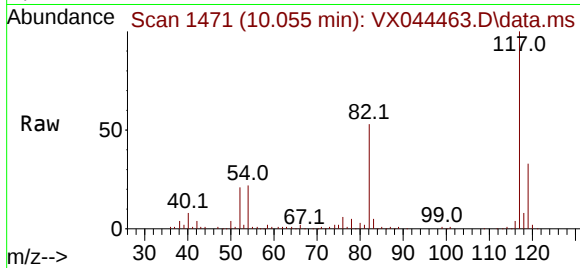




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

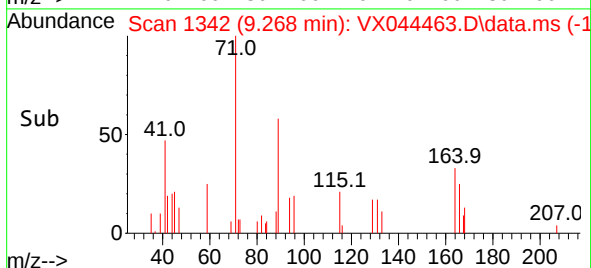
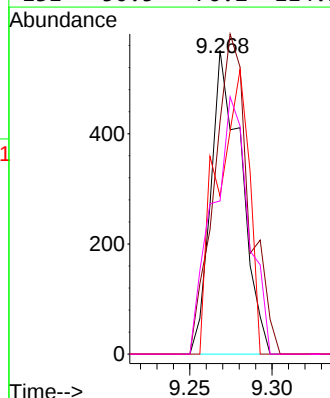
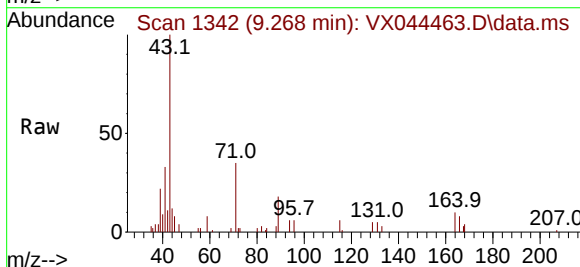
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

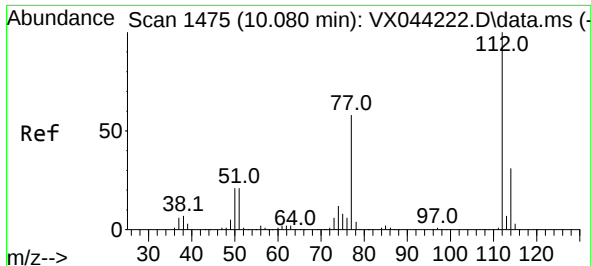
Tgt Ion:117 Resp: 184635
Ion Ratio Lower Upper
117 100
82 53.5 45.8 68.8
119 33.1 25.0 37.4



#64
Tetrachloroethene
Concen: 0.577 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion:164 Resp: 707
Ion Ratio Lower Upper
164 100
166 76.6 100.4 150.6#
129 52.1 77.2 115.8#
131 50.5 76.2 114.2#

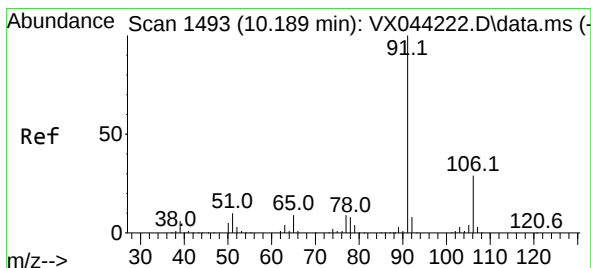
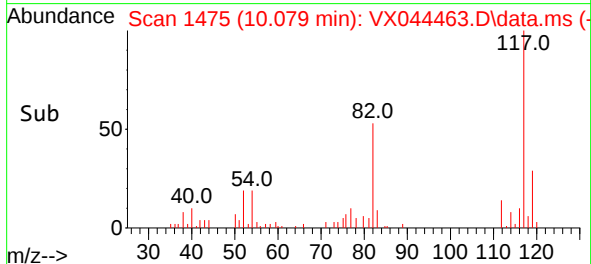
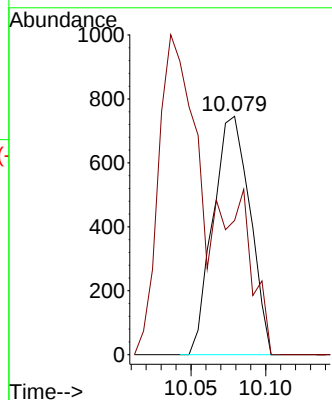
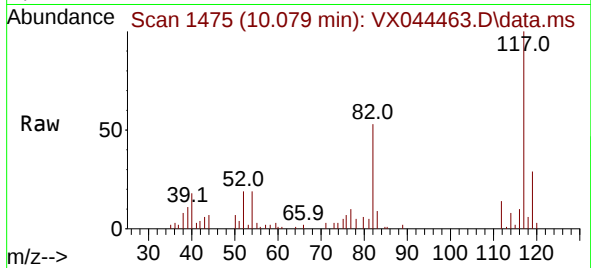




#65
Chlorobenzene
Concen: 0.324 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

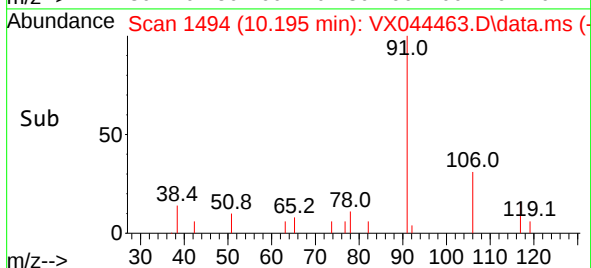
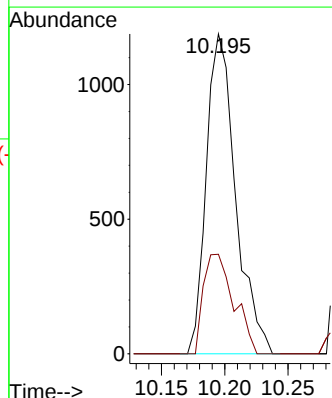
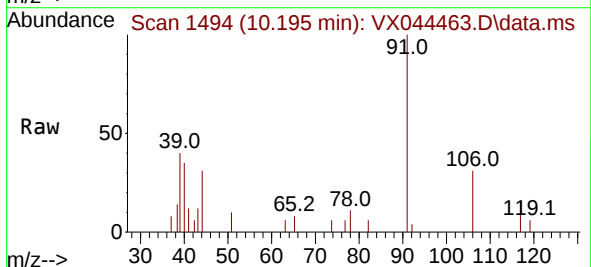
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

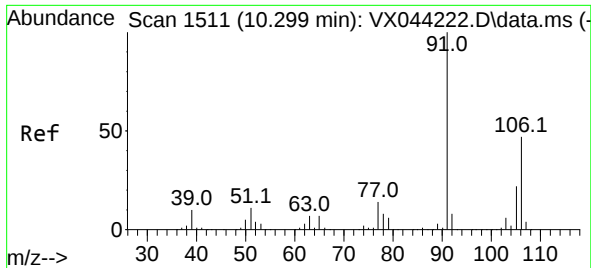
Tgt Ion:112 Resp: 1281
Ion Ratio Lower Upper
112 100
114 56.3 25.0 37.6#



#67
Ethyl Benzene
Concen: 0.280 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 91 Resp: 1915
Ion Ratio Lower Upper
91 100
106 31.1 23.5 35.3

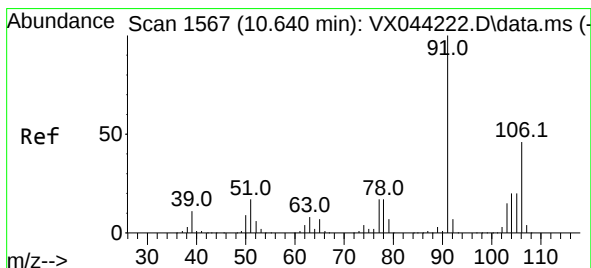
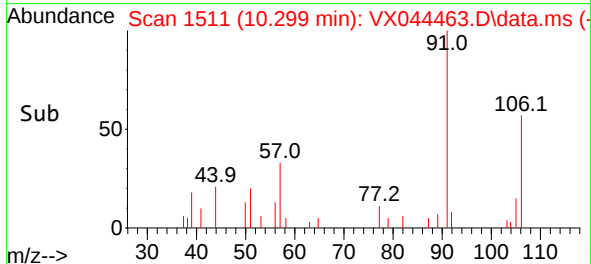
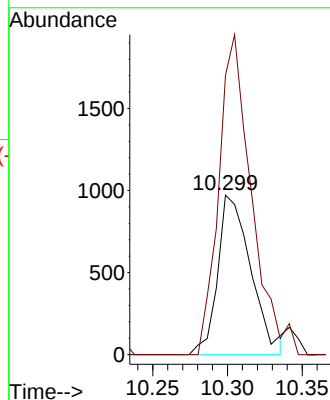
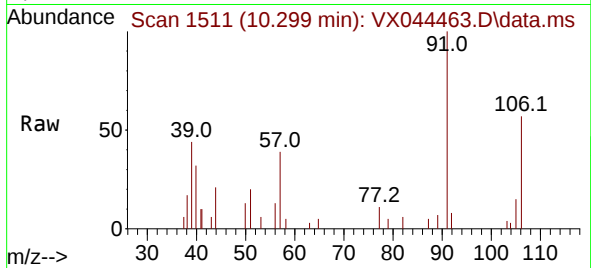




#68
m/p-Xylenes
Concen: 0.596 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

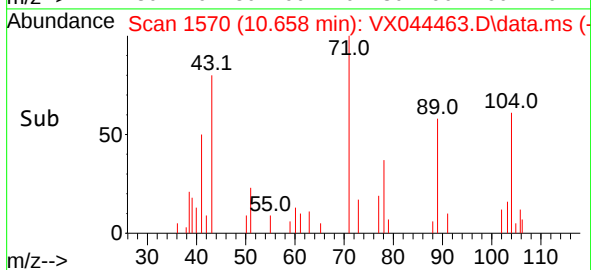
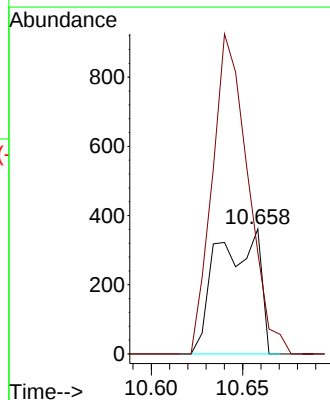
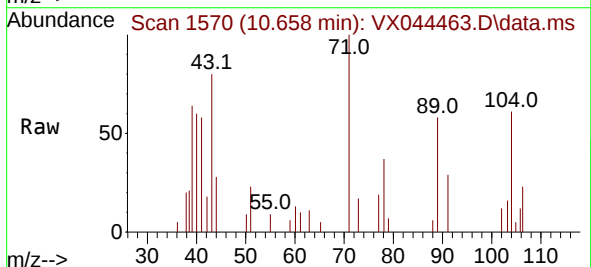
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

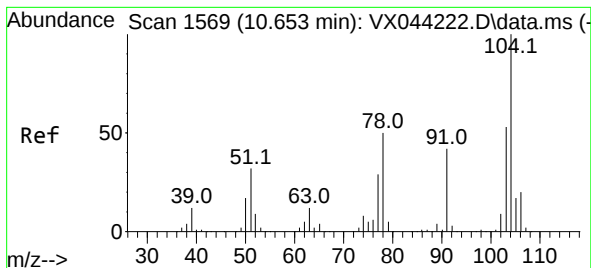
Tgt Ion:106 Resp: 1496
Ion Ratio Lower Upper
106 100
91 198.5 170.2 255.2



#69
o-Xylene
Concen: 0.229 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.018 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion:106 Resp: 581
Ion Ratio Lower Upper
106 100
91 217.7 112.3 337.0





#70

Styrene

Concen: 0.266 ug/l

RT: 10.664 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

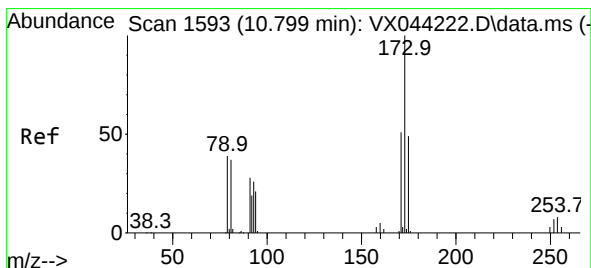
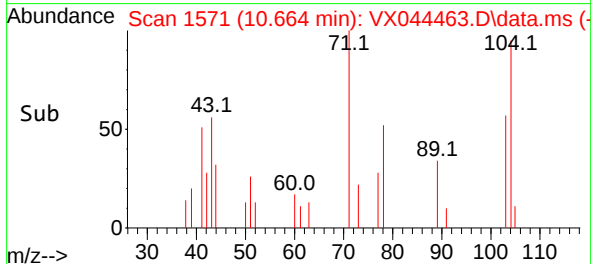
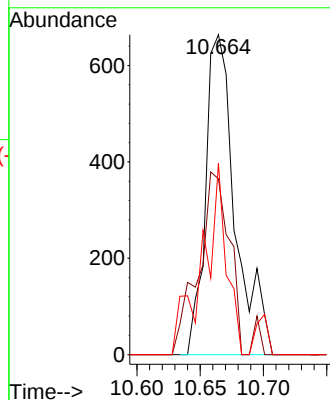
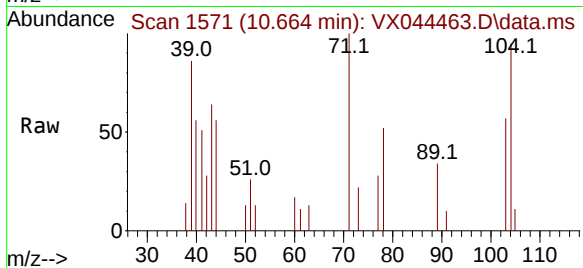
Instrument :

MSVOA_X

ClientSampleId :

RBR251688

Tgt Ion:	104	Resp:	1084
Ion	Ratio	Lower	Upper
104	100		
78	59.3	44.6	67.0
103	48.1	45.4	68.0



#71

Bromoform

Concen: 1.378 ug/l

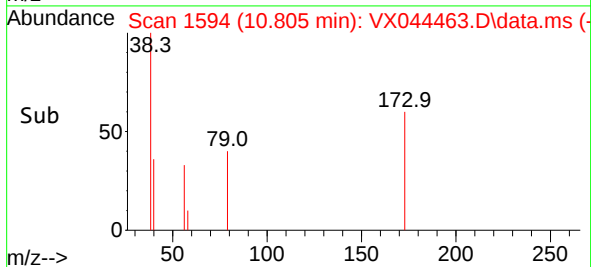
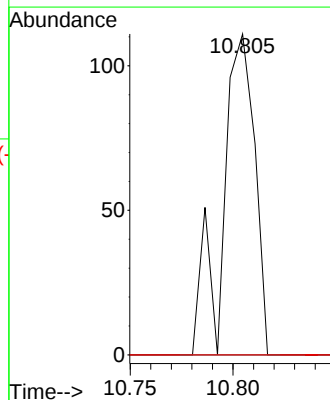
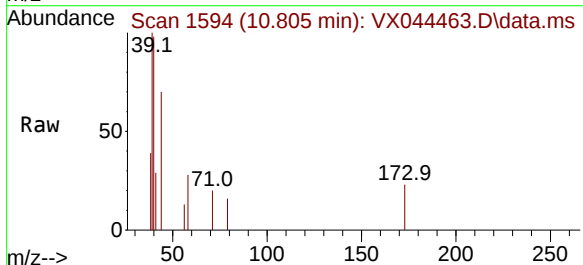
RT: 10.805 min Scan# 1594

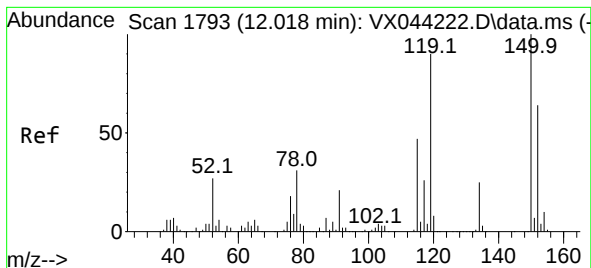
Delta R.T. 0.006 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

Tgt Ion:	173	Resp:	121
Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.8	71.4#
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :

RBR251688

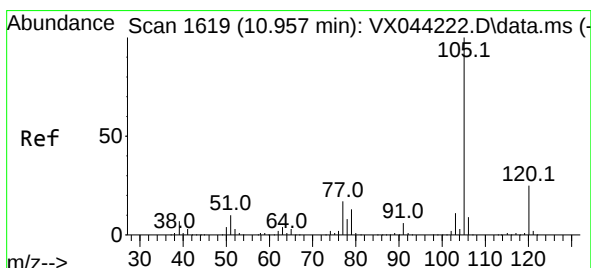
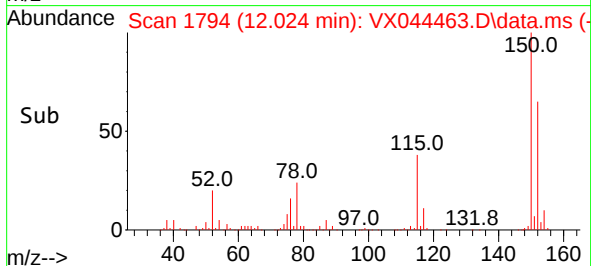
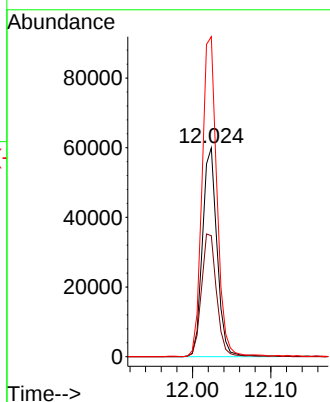
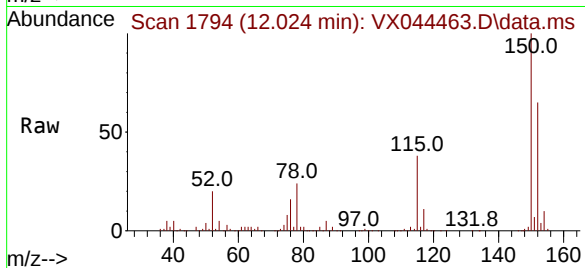
Tgt Ion:152 Resp: 77635

Ion Ratio Lower Upper

152 100

115 60.9 44.5 133.3

150 155.8 0.0 353.8



#73

Isopropylbenzene

Concen: 0.286 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044463.D

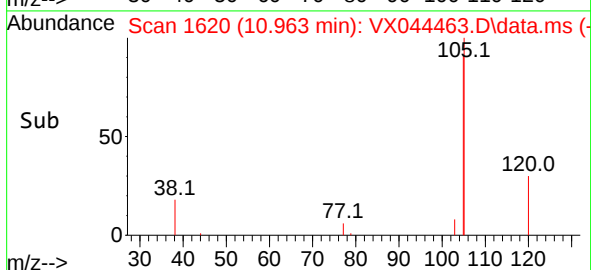
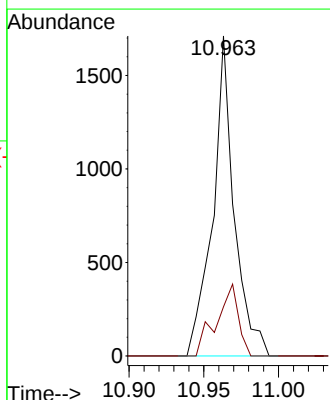
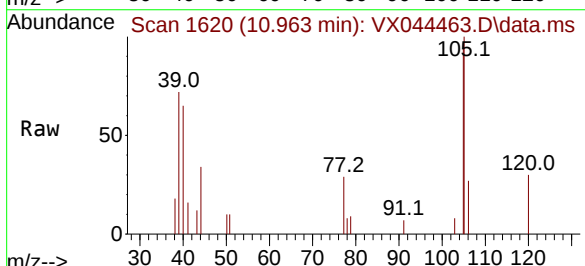
Acq: 20 Dec 2024 19:26

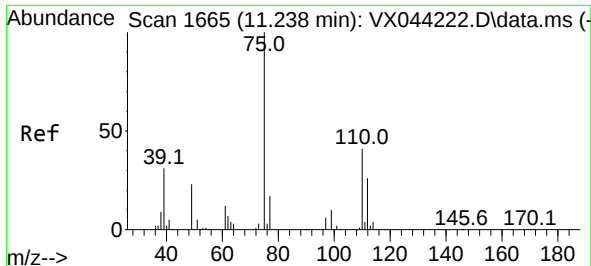
Tgt Ion:105 Resp: 1698

Ion Ratio Lower Upper

105 100

120 23.1 13.1 39.3

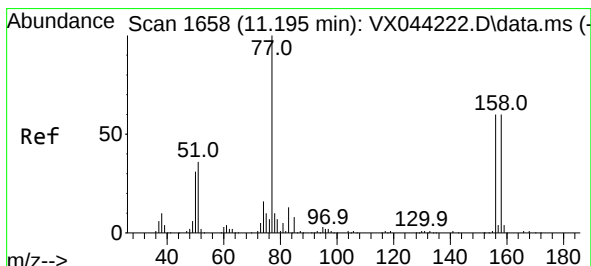
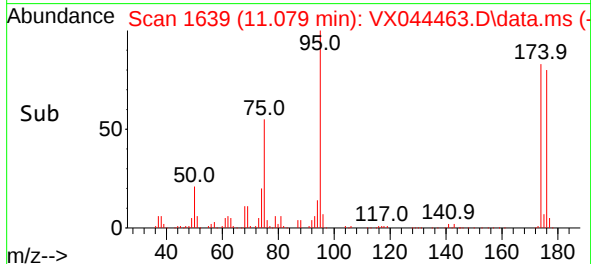
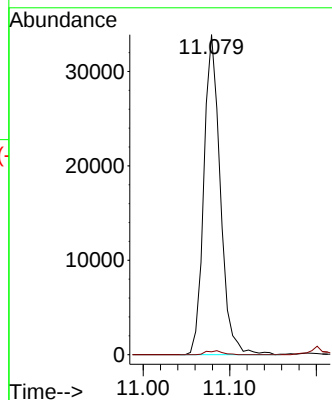
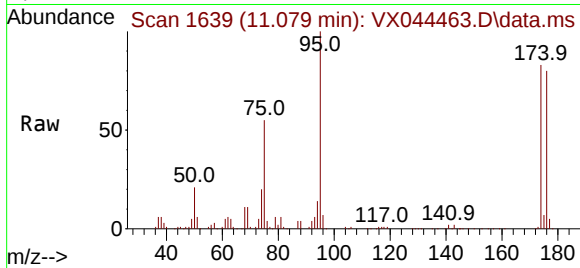




#76
1,2,3-Trichloropropane
Concen: 25.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

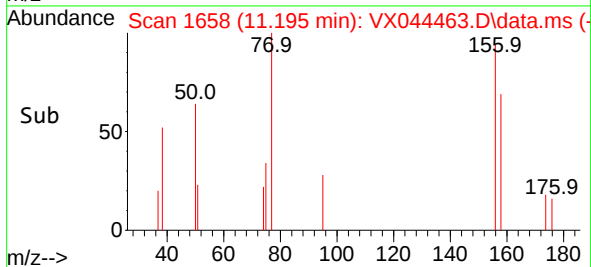
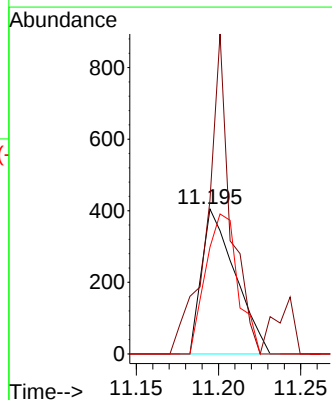
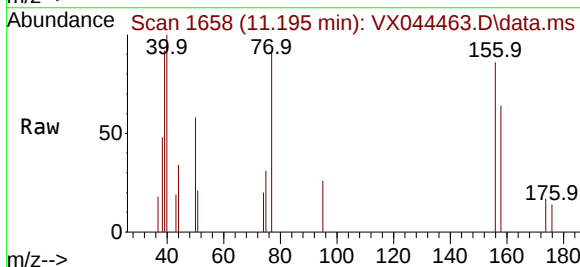
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

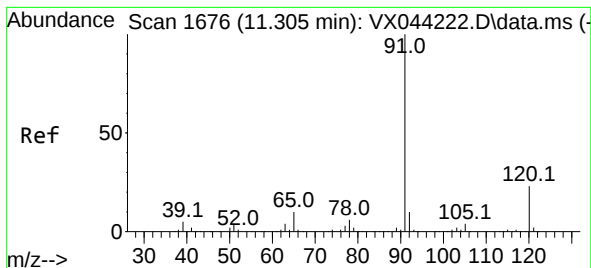
Tgt Ion: 75 Resp: 44759
Ion Ratio Lower Upper
75 100
77 1.2 20.9 62.7#



#77
Bromobenzene
Concen: 0.399 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 156 Resp: 575
Ion Ratio Lower Upper
156 100
77 155.0 82.6 247.8
158 92.3 48.8 146.4





#78

n-propylbenzene

Concen: 0.337 ug/l

RT: 11.311 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :

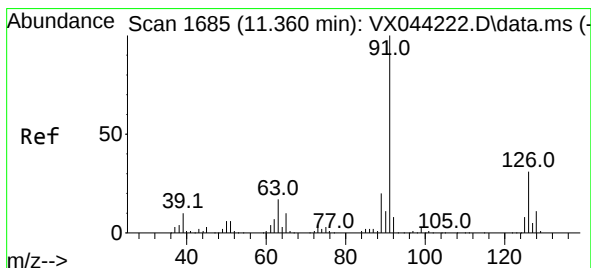
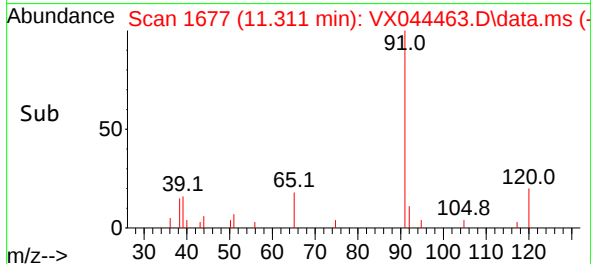
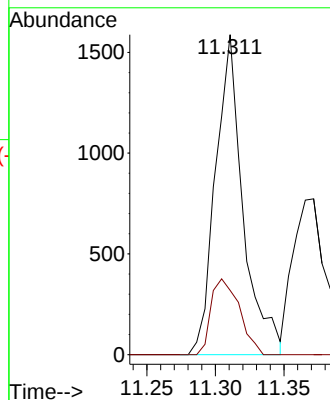
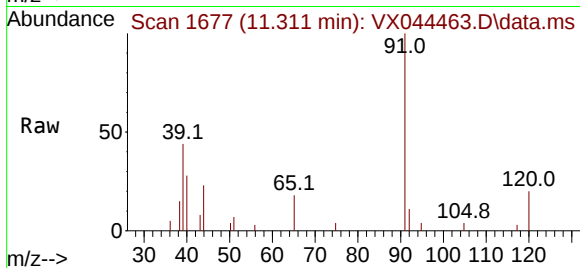
RBR251688

Tgt Ion: 91 Resp: 2217

Ion Ratio Lower Upper

91 100

120 24.4 11.0 33.0



#79

2-Chlorotoluene

Concen: 0.339 ug/l

RT: 11.372 min Scan# 1687

Delta R.T. 0.012 min

Lab File: VX044463.D

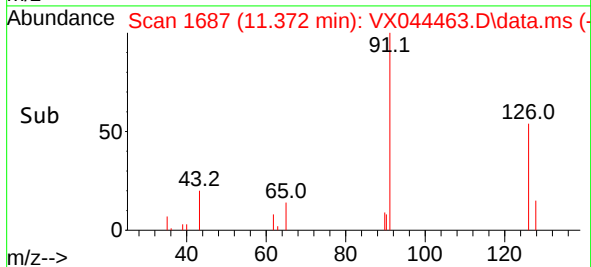
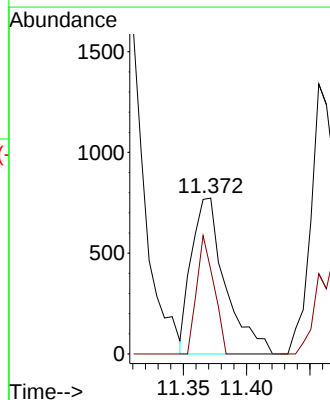
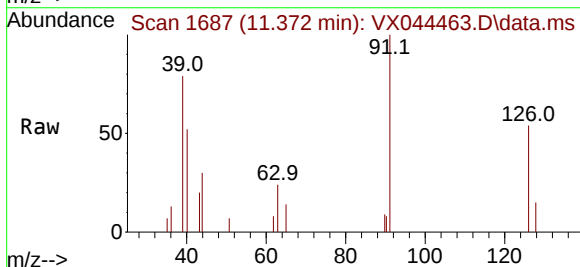
Acq: 20 Dec 2024 19:26

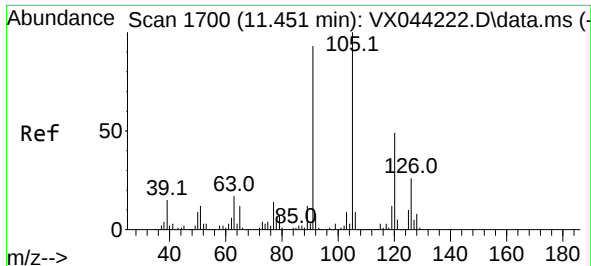
Tgt Ion: 91 Resp: 1439

Ion Ratio Lower Upper

91 100

126 38.6 16.4 49.1

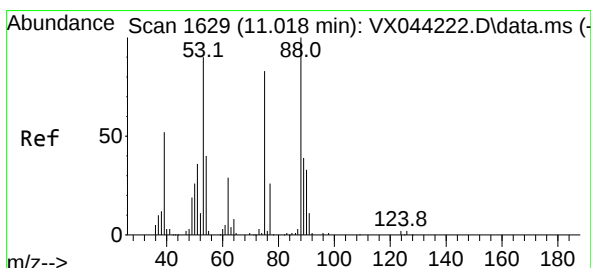
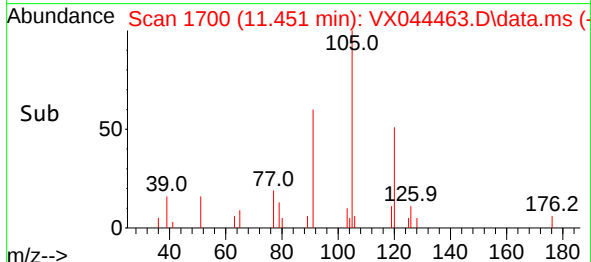
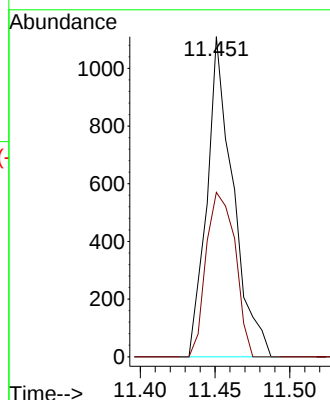
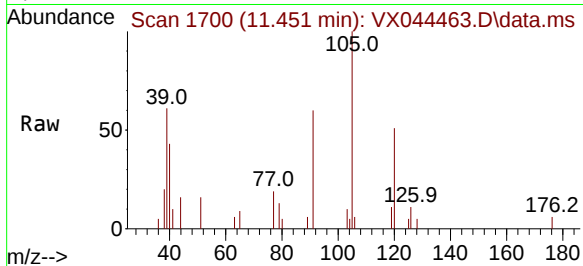




#80
1,3,5-Trimethylbenzene
Concen: 0.273 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

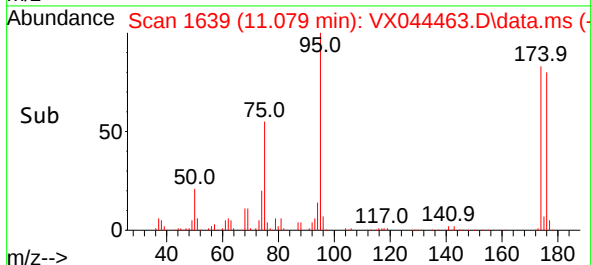
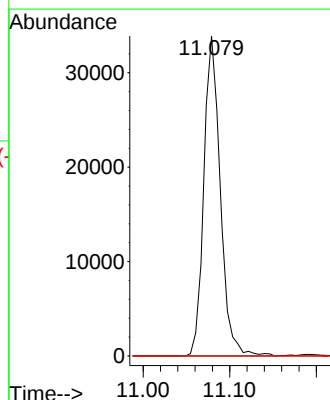
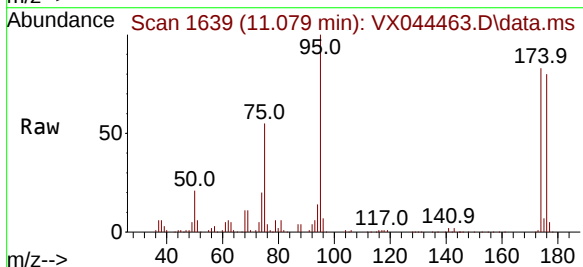
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

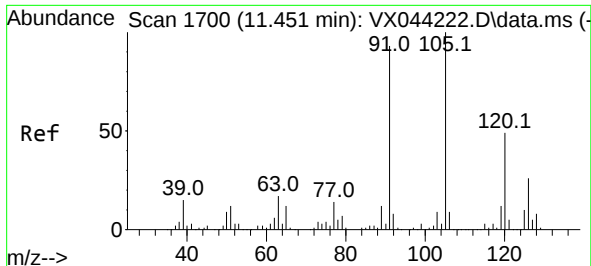
Tgt Ion:105 Resp: 1344
Ion Ratio Lower Upper
105 100
120 57.1 23.8 71.4



#81
trans-1,4-Dichloro-2-butene
Concen: 71.315 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 75 Resp: 44759
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

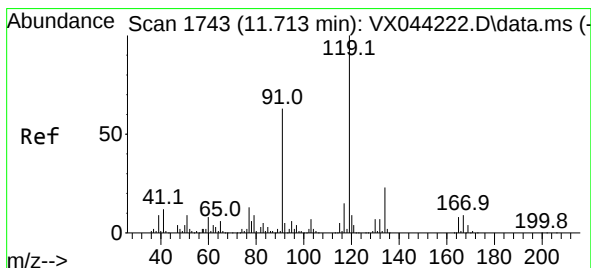
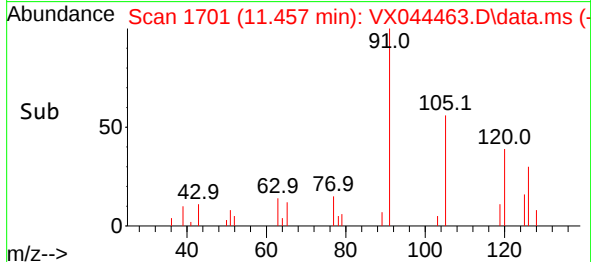
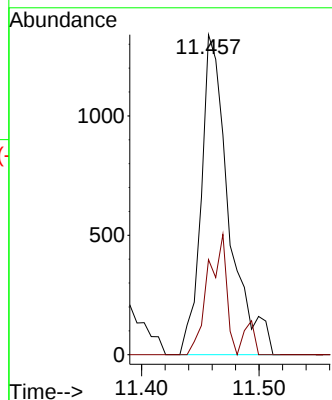
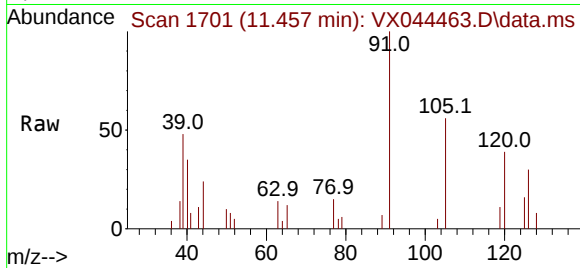




#82
4-Chlorotoluene
Concen: 0.467 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

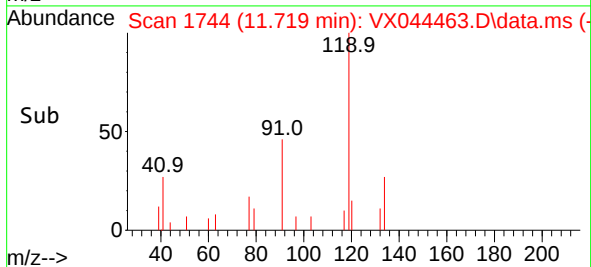
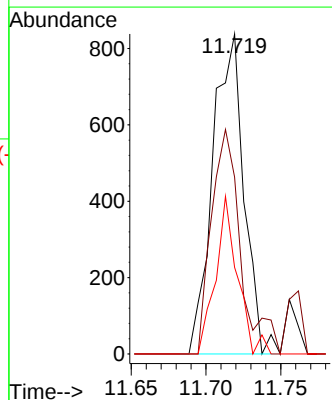
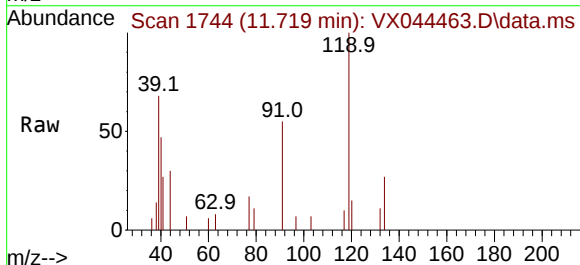
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

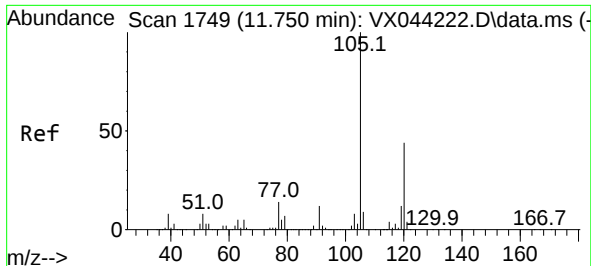
Tgt Ion: 91 Resp: 2196
Ion Ratio Lower Upper
91 100
126 25.0 14.5 43.5



#83
tert-Butylbenzene
Concen: 0.250 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 119 Resp: 1216
Ion Ratio Lower Upper
119 100
91 65.6 30.9 92.5
134 34.6 11.5 34.4#

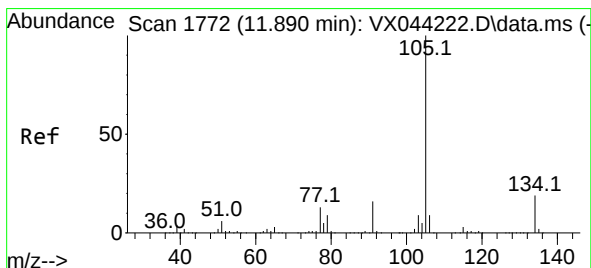
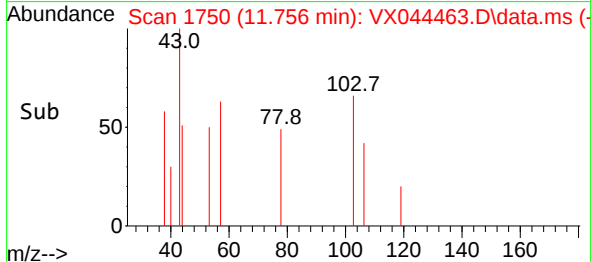
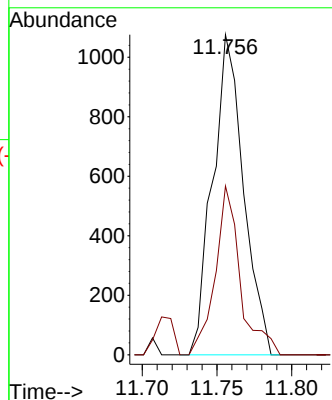
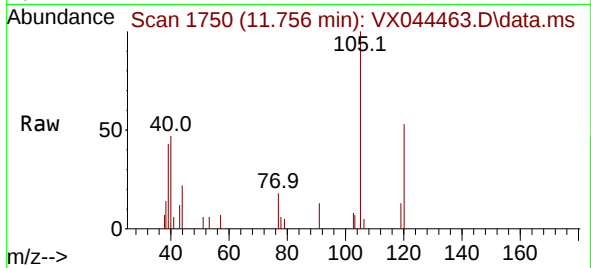




#84
1,2,4-Trimethylbenzene
Concen: 0.319 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

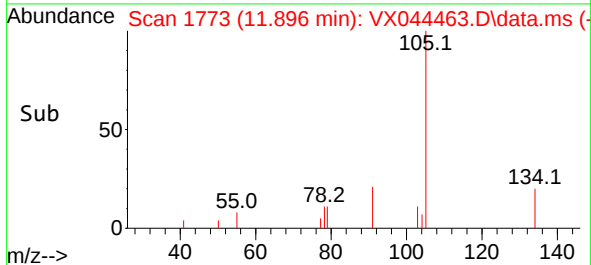
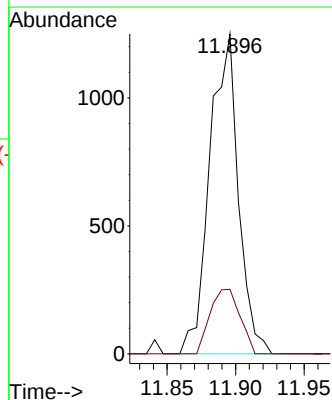
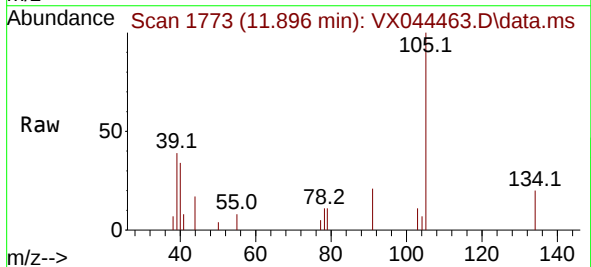
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

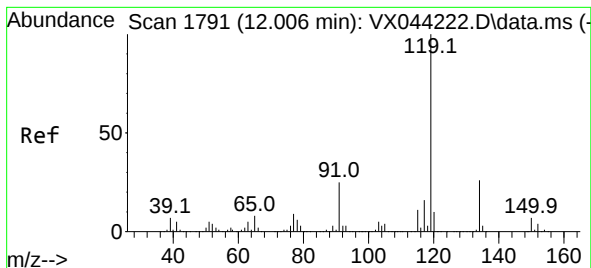
Tgt Ion:105 Resp: 1543
Ion Ratio Lower Upper
105 100
120 42.8 21.7 65.1



#85
sec-Butylbenzene
Concen: 0.307 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion:105 Resp: 1816
Ion Ratio Lower Upper
105 100
134 21.0 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.316 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :

RBR251688

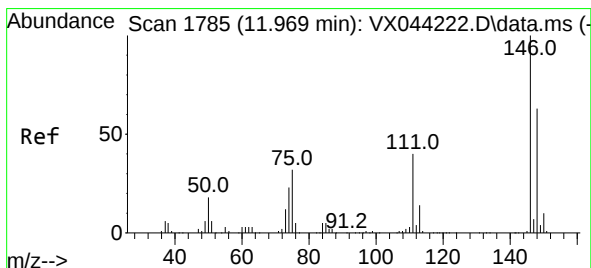
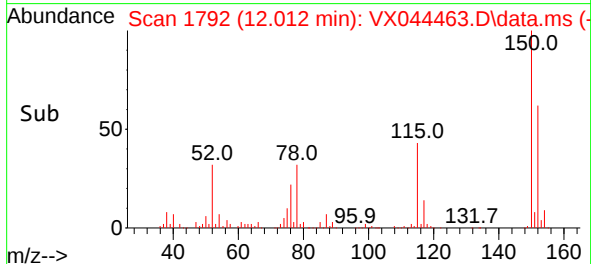
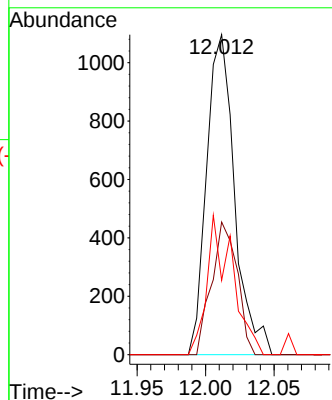
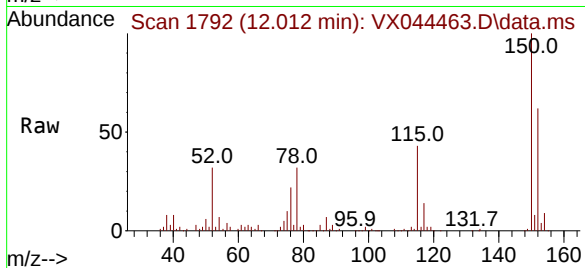
Tgt Ion:119 Resp: 1556

Ion Ratio Lower Upper

119 100

134 37.9 12.8 38.4

91 39.6 13.0 39.0#



#87

1,3-Dichlorobenzene

Concen: 0.520 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

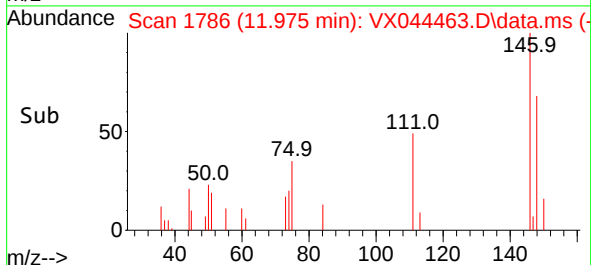
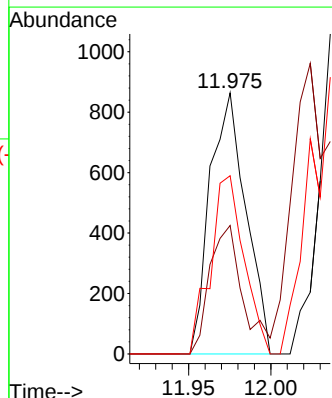
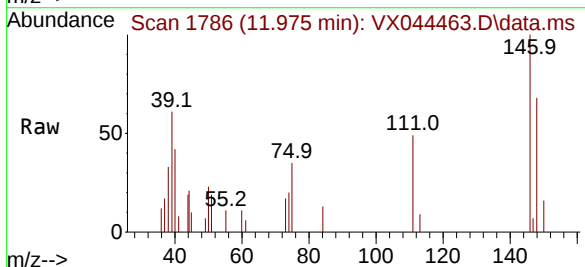
Tgt Ion:146 Resp: 1309

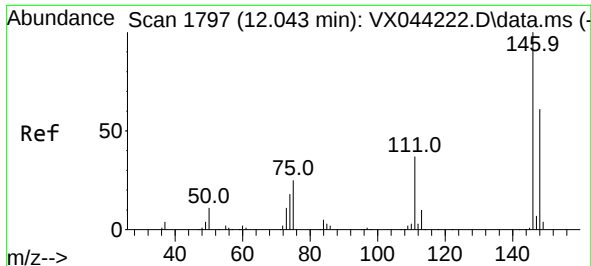
Ion Ratio Lower Upper

146 100

111 45.5 21.4 64.2

148 63.9 31.7 95.1

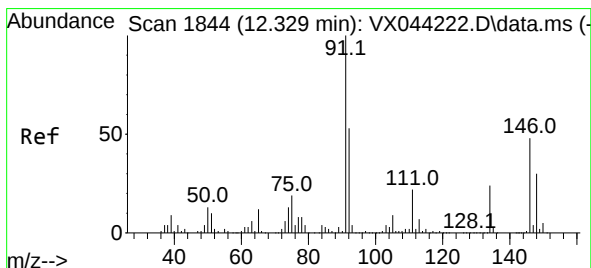
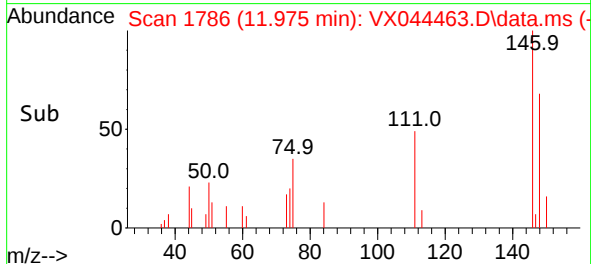
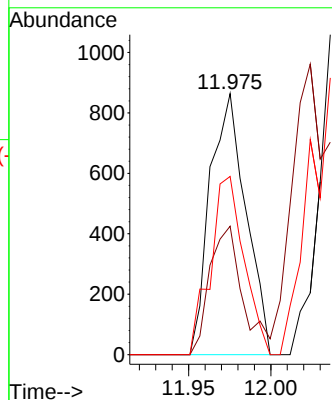
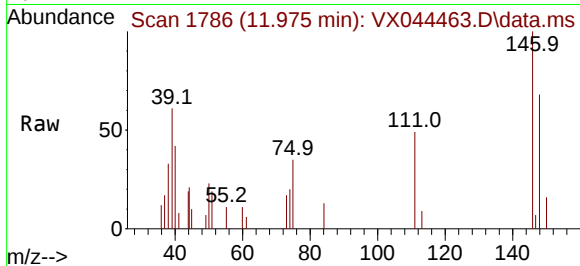




#88
1,4-Dichlorobenzene
Concen: 0.506 ug/l
RT: 11.975 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

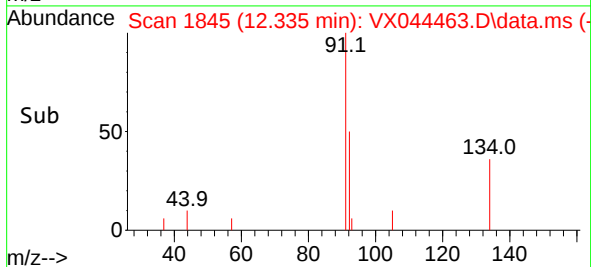
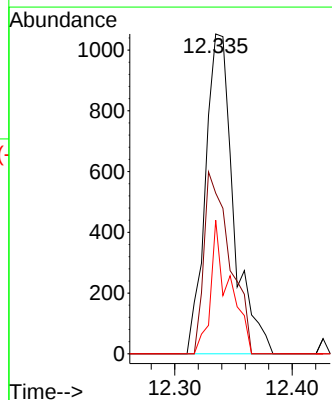
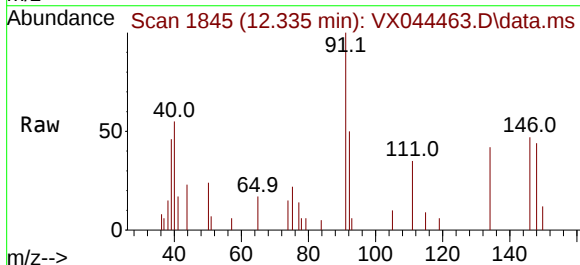
Instrument :
MSVOA_X
ClientSampleId :
RBR251688

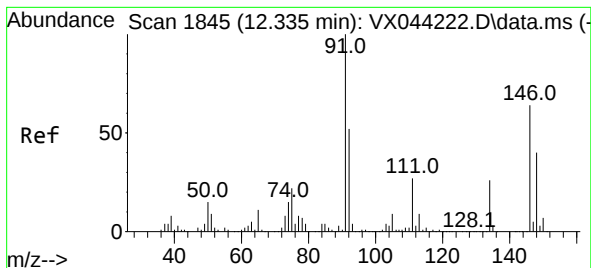
Tgt Ion:146 Resp: 1309
Ion Ratio Lower Upper
146 100
111 45.5 21.0 63.0
148 63.9 32.3 96.8



#89
n-Butylbenzene
Concen: 0.424 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX044463.D
Acq: 20 Dec 2024 19:26

Tgt Ion: 91 Resp: 1753
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.7
134 27.7 12.6 37.8





#91

1,2-Dichlorobenzene

Concen: 0.374 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :

RBR251688

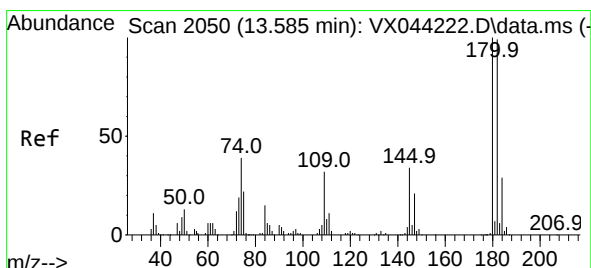
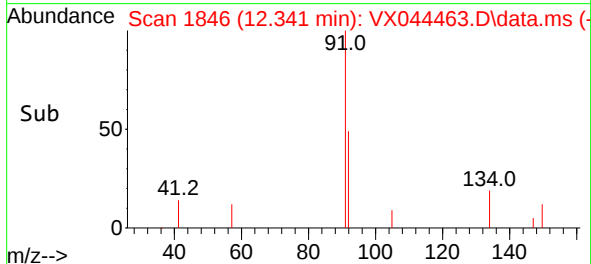
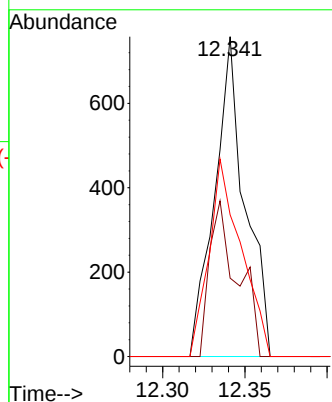
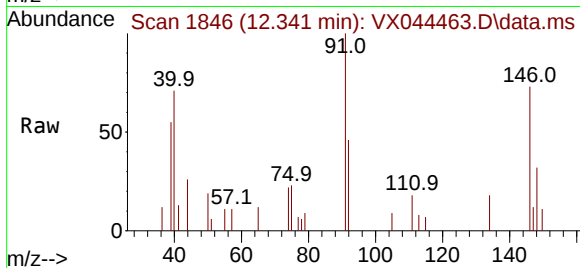
Tgt Ion:146 Resp: 978

Ion Ratio Lower Upper

146 100

111 44.6 21.4 64.3

148 65.1 31.6 95.0



#93

1,2,4-Trichlorobenzene

Concen: 0.838 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

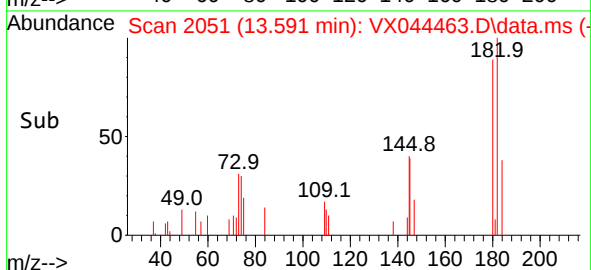
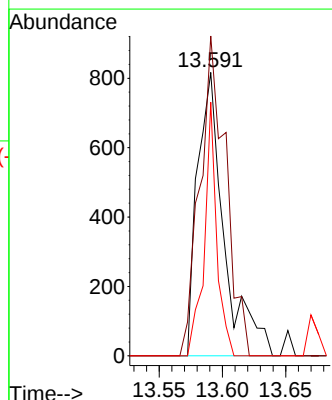
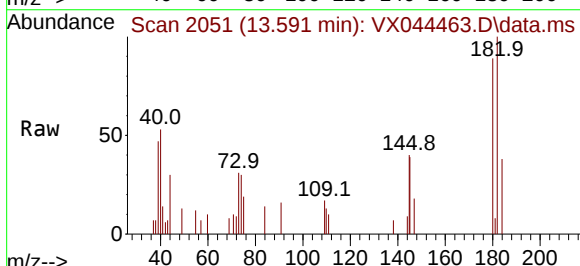
Tgt Ion:180 Resp: 1201

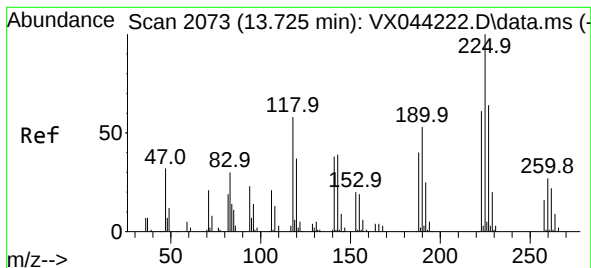
Ion Ratio Lower Upper

180 100

182 109.2 48.0 144.2

145 41.7 16.6 49.7





#94

Hexachlorobutadiene

Concen: 0.631 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :

RBR251688

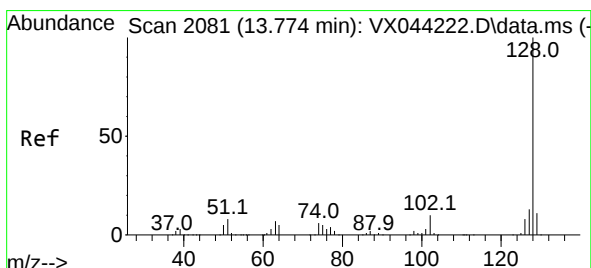
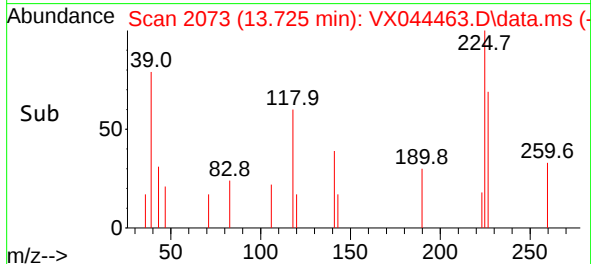
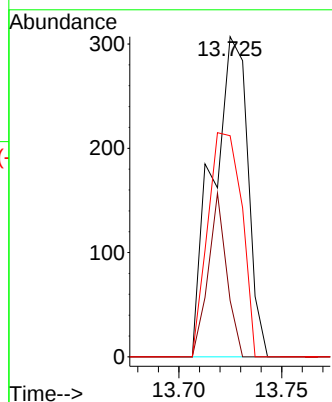
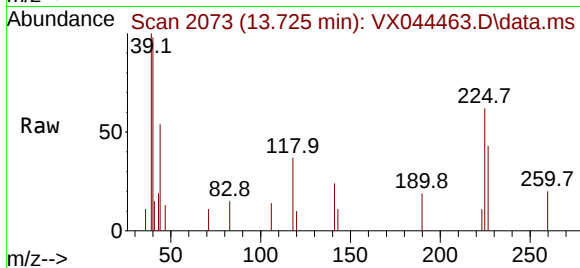
Tgt Ion:225 Resp: 364

Ion Ratio Lower Upper

225 100

223 26.9 30.8 92.4#

227 67.6 32.1 96.3



#95

Naphthalene

Concen: 1.222 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044463.D

Acq: 20 Dec 2024 19:26

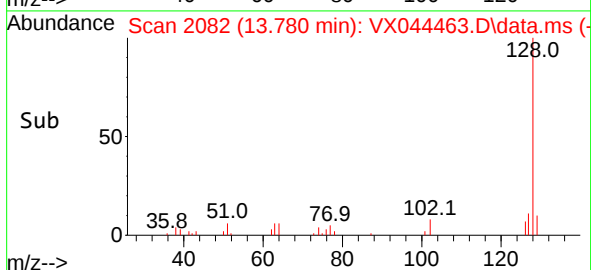
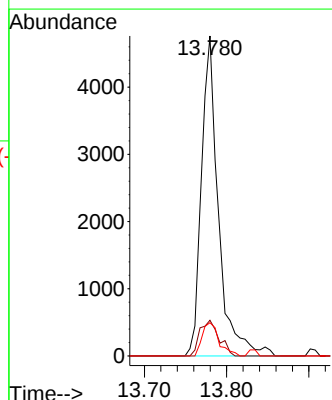
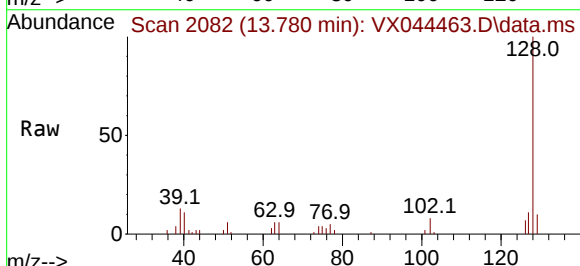
Tgt Ion:128 Resp: 6838

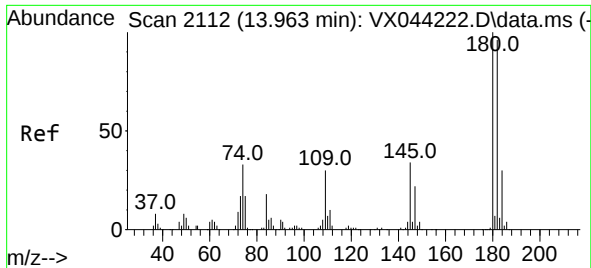
Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 10.3 9.0 13.4





#96
 1,2,3-Trichlorobenzene
 Concen: 0.866 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX044463.D
 Acq: 20 Dec 2024 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR251688

Tgt Ion:180 Resp: 1317
 Ion Ratio Lower Upper
 180 100
 182 98.4 48.0 144.0
 145 36.1 17.7 53.1

