

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
 Data File : VW024635.D
 Acq On : 26 Sep 2022 11:07
 Operator : SY/VA
 Sample : VSTD05050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050450

Quant Time: Sep 27 00:50:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 27 00:48:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	669813	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	576749	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	286572	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	359297	51.270	ug/L	0.00
7) Chloroethane-d5	2.891	69	202124	49.633	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	790144	48.713	ug/L	0.00
21) 2-Butanone-d5	7.080	46	231757	92.638	ug/L	0.00
24) Chloroform-d	7.653	84	831944	46.460	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	423577	45.599	ug/L	0.00
32) Benzene-d6	8.275	84	1732599	47.000	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	528590	46.931	ug/L	0.00
41) Toluene-d8	10.323	98	1539619	46.729	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	240347	47.918	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	185766	96.397	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	379915	47.339	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	454544	45.075	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	210861	53.044	ug/L	90
3) Chloromethane	2.215	50	395217	49.352	ug/L	97
5) Vinyl chloride	2.367	62	447347	54.330	ug/L	98
6) Bromomethane	2.782	94	182286	47.969	ug/L	95
8) Chloroethane	2.922	64	177200	51.045	ug/L	98
9) Trichlorofluoromethane	3.263	101	229511	49.824	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	431816	49.150	ug/L #	78
12) 1,1-Dichloroethene	4.044	96	443738	50.389	ug/L	97
13) Acetone	4.129	43	155136	84.152	ug/L	98
14) Carbon disulfide	4.391	76	1408413	50.915	ug/L	99
15) Methyl Acetate	4.672	43	206959	50.026	ug/L	99
16) Methylene chloride	4.922	84	469150	35.665	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	482356	49.069	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	739444	47.410	ug/L	99
19) 1,1-Dichloroethane	6.220	63	898354	48.772	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	515029	48.764	ug/L	98
22) 2-Butanone	7.171	43	261153	88.739	ug/L	99
23) Bromochloromethane	7.519	128	209746	48.853	ug/L	99
25) Chloroform	7.677	83	839475	48.062	ug/L	97
27) 1,2-Dichloroethane	8.403	62	530471	48.265	ug/L	100
29) Cyclohexane	7.958	56	909181	50.582	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	693509	49.692	ug/L	100
31) Carbon tetrachloride	8.067	117	586839	49.655	ug/L	98
33) Benzene	8.323	78	1969434	48.788	ug/L	100
34) Trichloroethene	9.092	95	504757	49.334	ug/L	96
35) Methylcyclohexane	9.335	83	952162	50.767	ug/L	100
37) 1,2-Dichloropropane	9.366	63	491060	49.276	ug/L	100
38) Bromodichloromethane	9.646	83	609031	49.683	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	790052	50.133	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	591916	100.346	ug/L	99
42) Toluene	10.384	91	2037655	48.881	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	672718	49.790	ug/L	99

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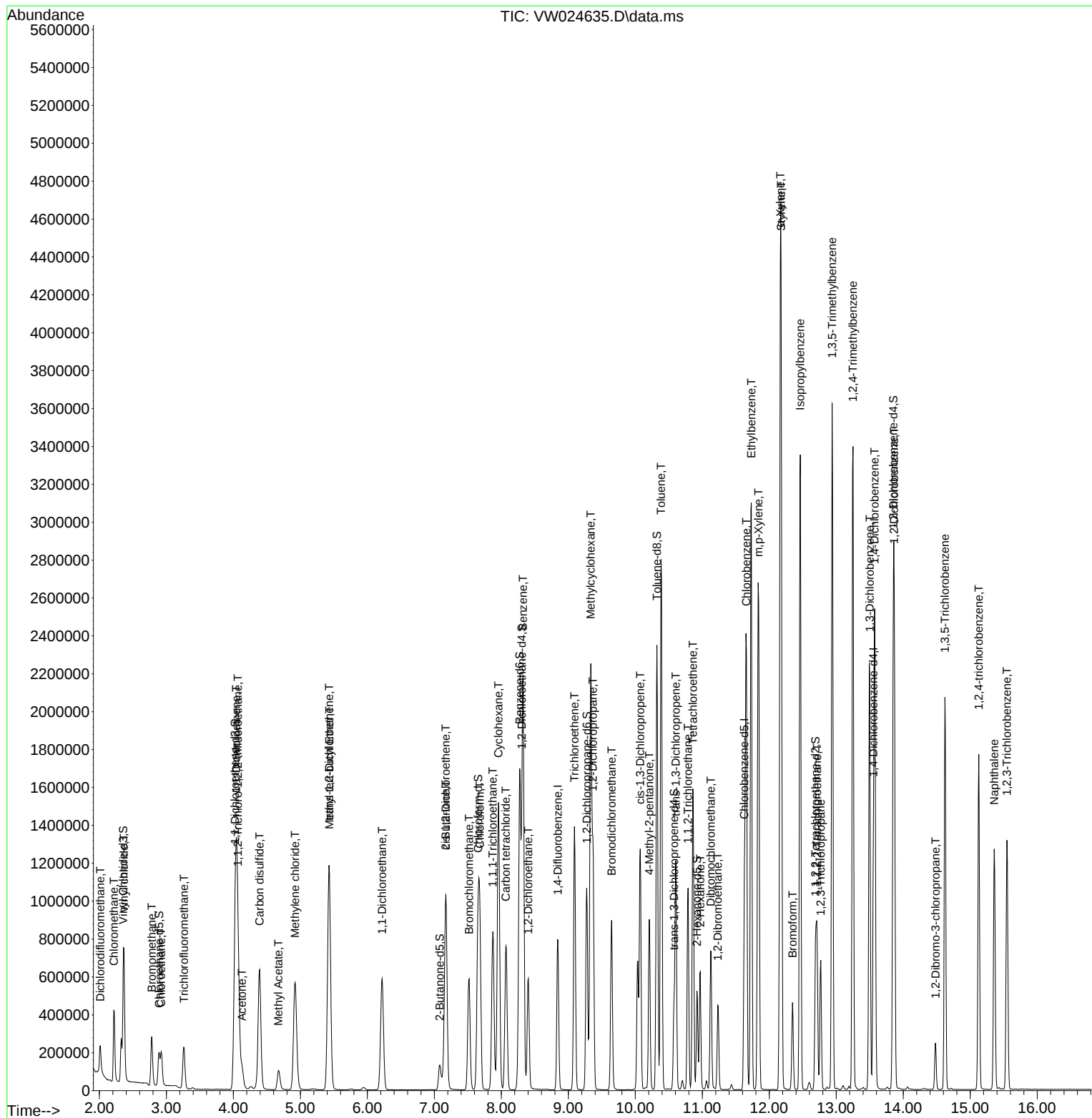
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	333464	48.988	ug/L	99
46) Tetrachloroethene	10.860	164	348570	50.141	ug/L	90
48) 2-Hexanone	10.969	43	399876	100.251	ug/L	99
49) Dibromochloromethane	11.128	129	382765	49.936	ug/L	95
50) 1,2-Dibromoethane	11.231	107	320859	49.799	ug/L	98
51) Chlorobenzene	11.658	112	1245021	48.779	ug/L	98
52) Ethylbenzene	11.731	91	2262417	49.272	ug/L	98
53) m,p-Xylene	11.841	106	886883	49.464	ug/L	91
54) o-Xylene	12.164	106	835132	49.323	ug/L	93
55) Styrene	12.176	104	1421260	49.793	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	392875	49.293	ug/L	99
59) Bromoform	12.347	173	199348	49.212	ug/L	99
60) Isopropylbenzene	12.463	105	2237106	47.897	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	292812	47.434	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	1946167	47.941	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	1896216	47.680	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	910538	47.986	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	881440	47.718	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	770414	46.614	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	67279	46.088	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	598685	47.518	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	517718	48.913	ug/L	95
71) Naphthalene	15.359	128	1079644	46.847	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	432561	48.019	ug/L	95

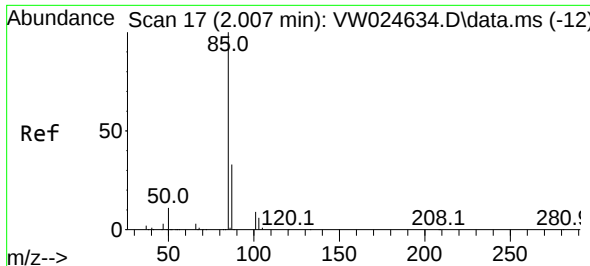
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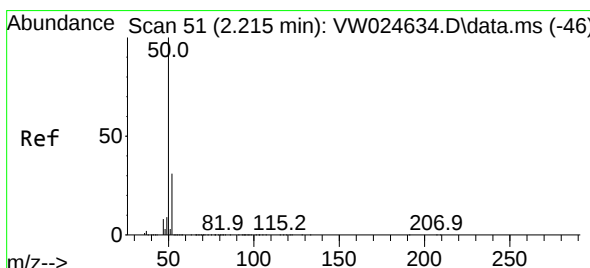
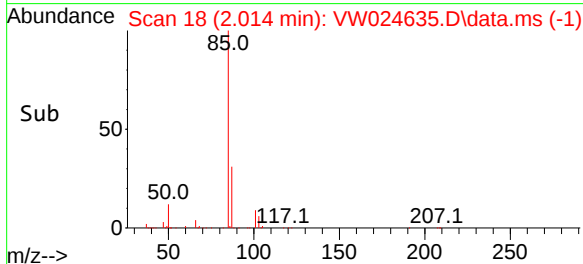
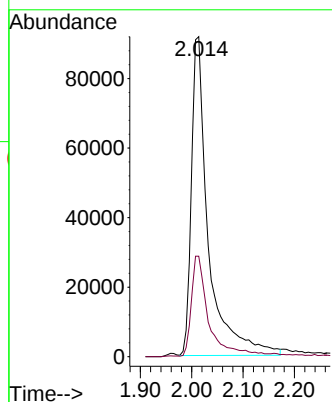
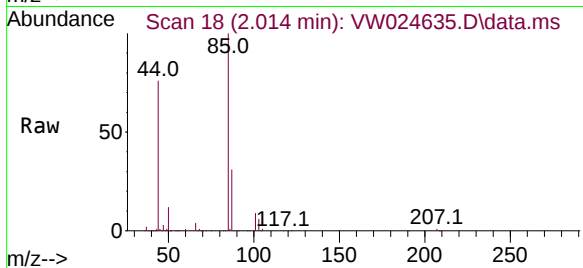




#2
 Dichlorodifluoromethane
 Concen: 53.044 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW024635.D
 Acq: 26 Sep 2022 11:07

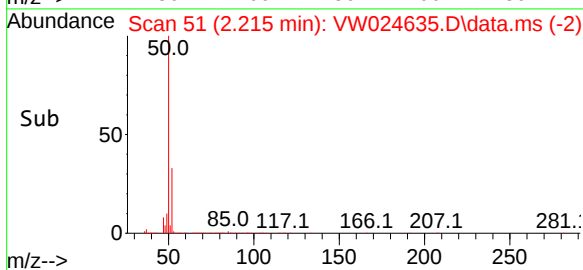
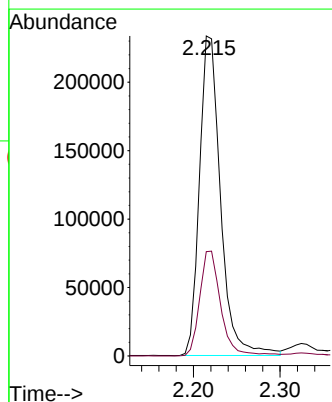
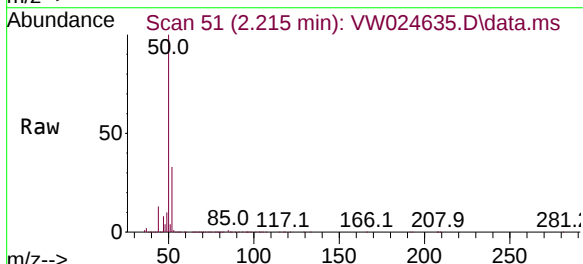
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050450

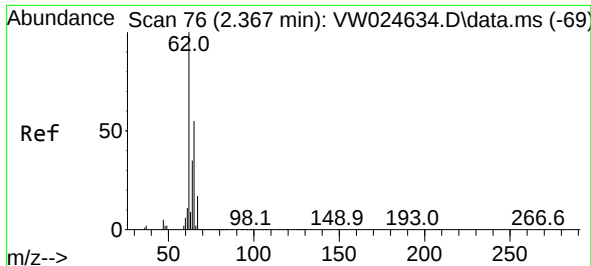
Tgt Ion: 85 Resp: 210861
 Ion Ratio Lower Upper
 85 100
 87 30.3 28.8 43.2



#3
 Chloromethane
 Concen: 49.352 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024635.D
 Acq: 26 Sep 2022 11:07

Tgt Ion: 50 Resp: 395217
 Ion Ratio Lower Upper
 50 100
 52 32.6 21.7 40.3

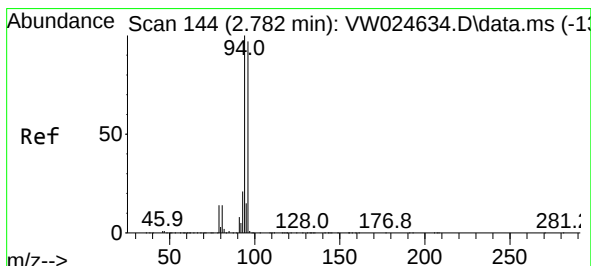
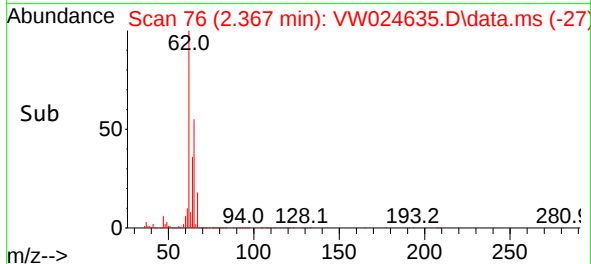
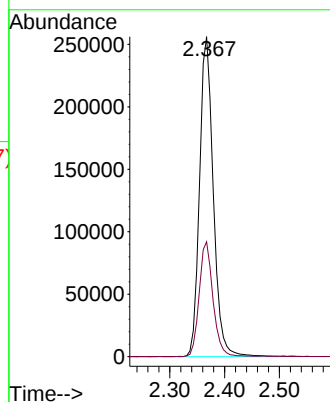
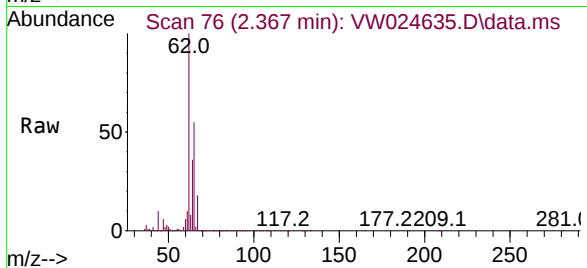




#5
 Vinyl chloride
 Concen: 54.330 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW024635.D
 Acq: 26 Sep 2022 11:07

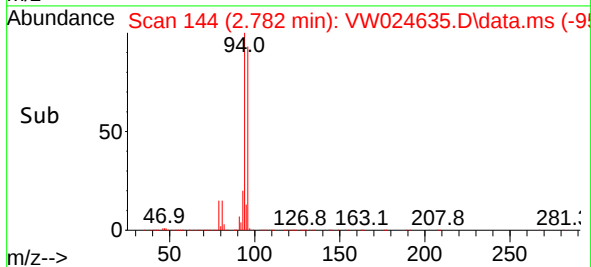
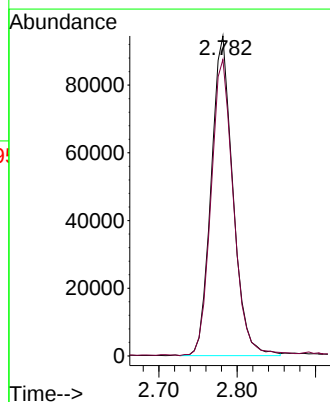
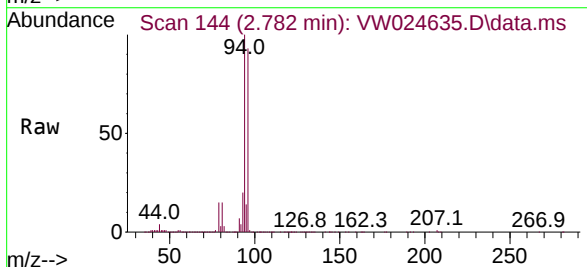
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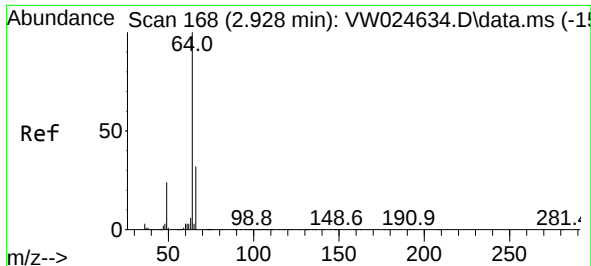
Tgt Ion: 62 Resp: 447347
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.4 45.2



#6
 Bromomethane
 Concen: 47.969 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024635.D
 Acq: 26 Sep 2022 11:07

Tgt Ion: 94 Resp: 182286
 Ion Ratio Lower Upper
 94 100
 96 92.6 68.0 126.2

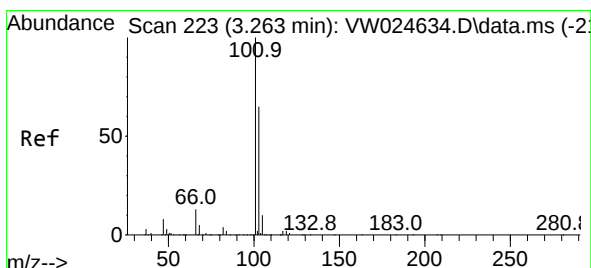
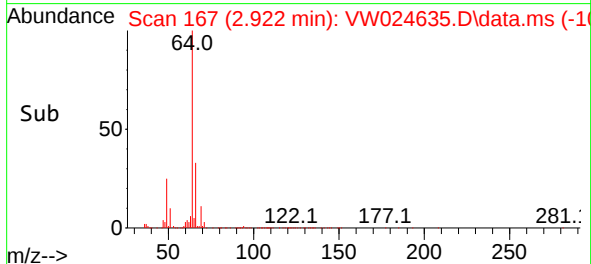
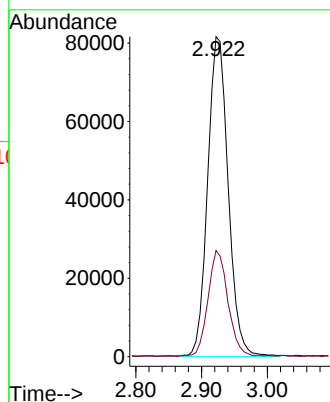
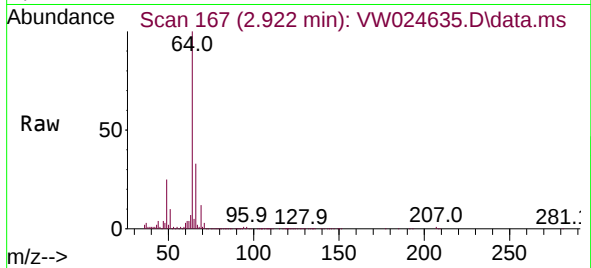




#8
Chloroethane
Concen: 51.045 ug/L
RT: 2.922 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

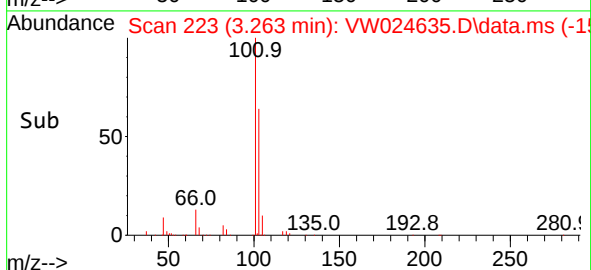
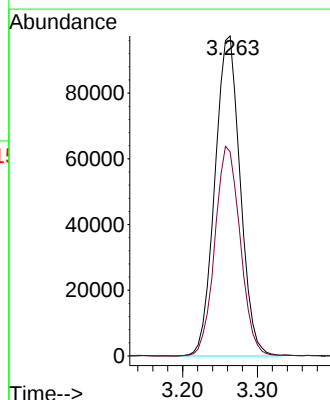
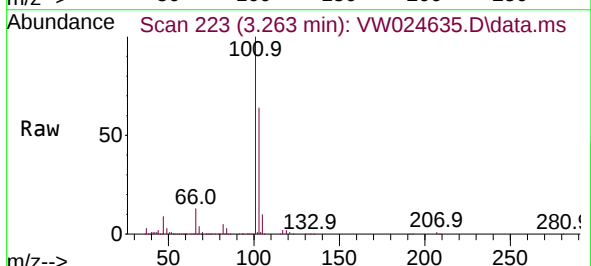
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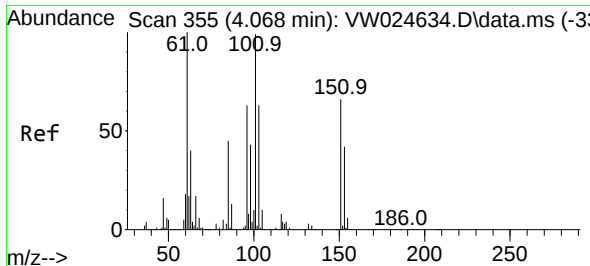
Tgt Ion: 64 Resp: 177200
Ion Ratio Lower Upper
64 100
66 33.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 49.824 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

Tgt Ion: 101 Resp: 229511
Ion Ratio Lower Upper
101 100
103 65.9 53.4 80.2

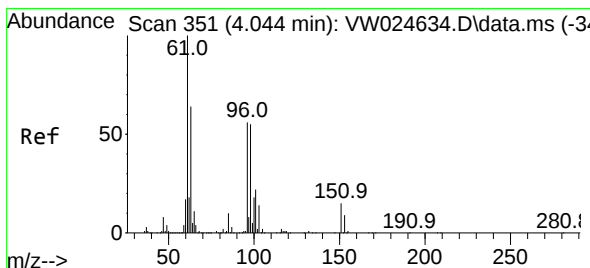
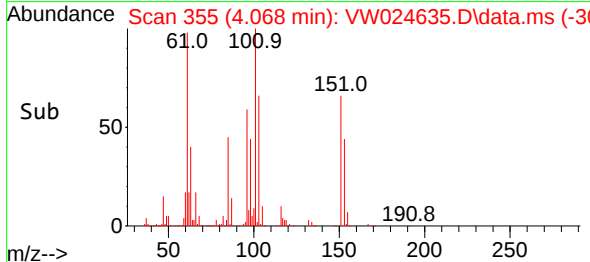
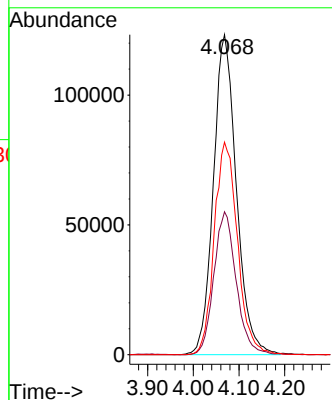
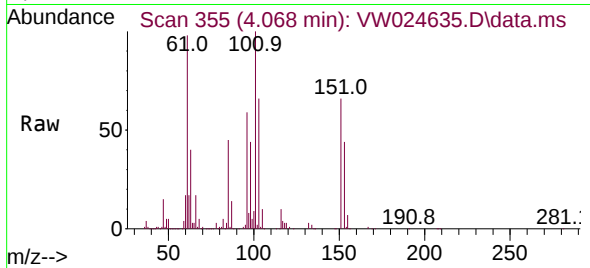




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.150 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW024635.D
 Acq: 26 Sep 2022 11:07

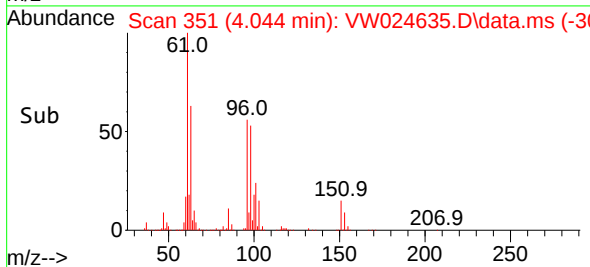
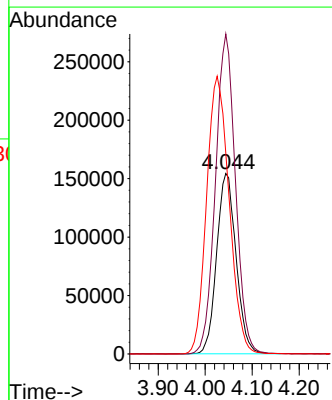
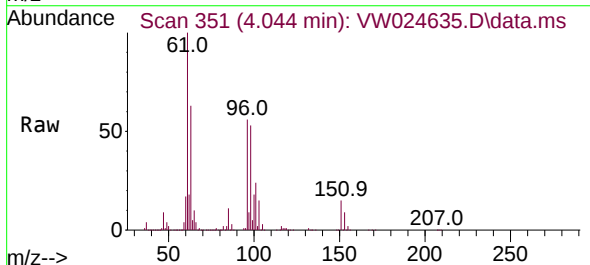
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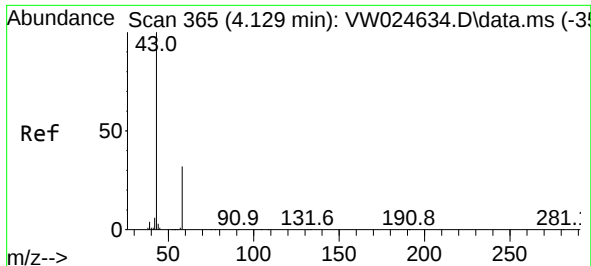
Tgt Ion:101 Resp: 431816
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.9 52.3
 151 67.0 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 50.389 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024635.D
 Acq: 26 Sep 2022 11:07

Tgt Ion: 96 Resp: 443738
 Ion Ratio Lower Upper
 96 100
 61 177.3 124.5 231.1
 63 111.2 84.1 156.1

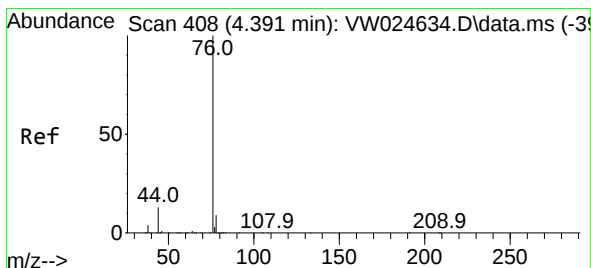
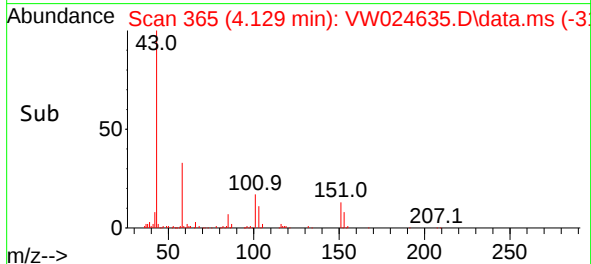
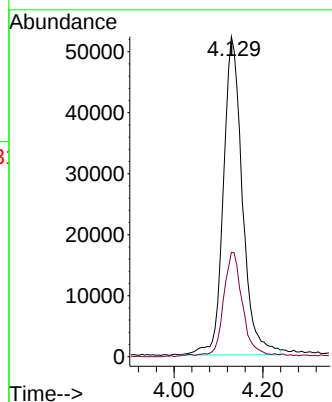
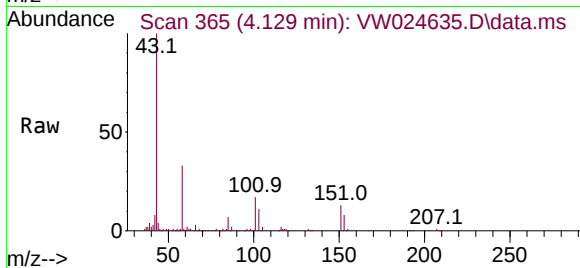




#13
Acetone
Concen: 84.152 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

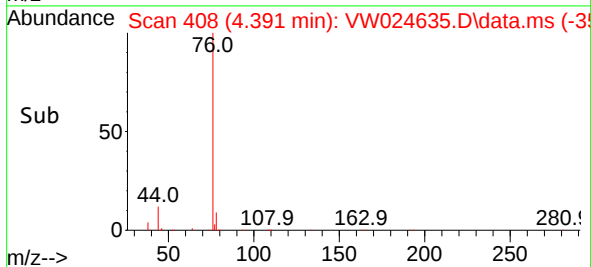
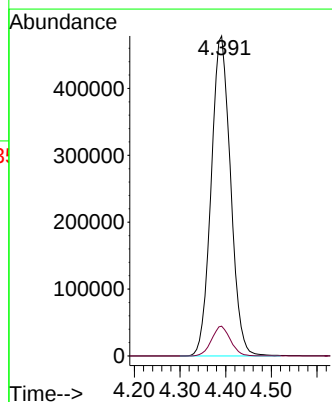
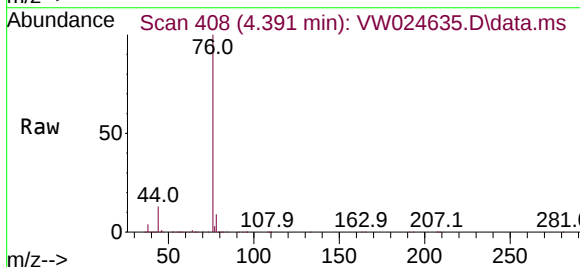
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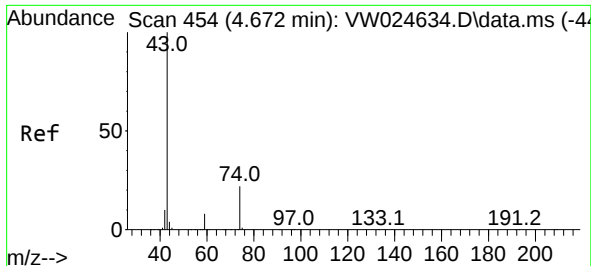
Tgt Ion: 43 Resp: 155136
Ion Ratio Lower Upper
43 100
58 32.6 0.0 67.6



#14
Carbon disulfide
Concen: 50.915 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 1408413
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

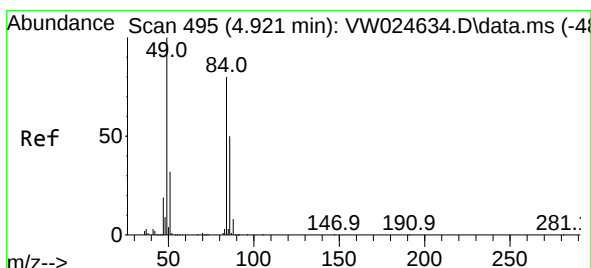
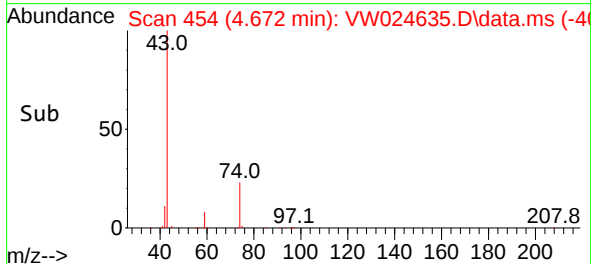
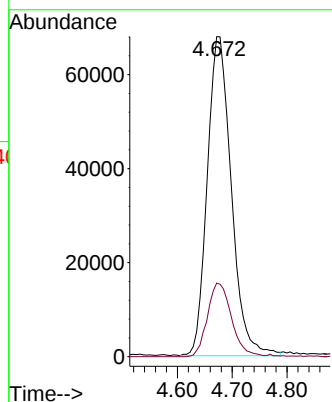
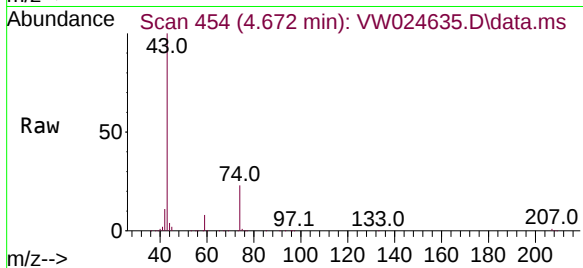




#15
Methyl Acetate
Concen: 50.026 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

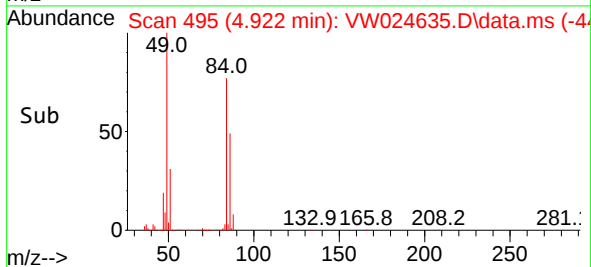
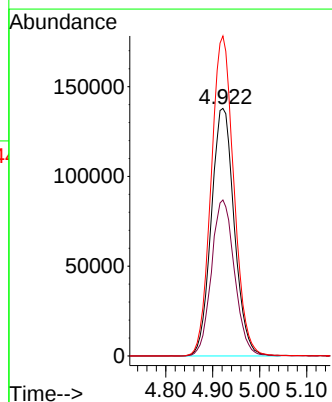
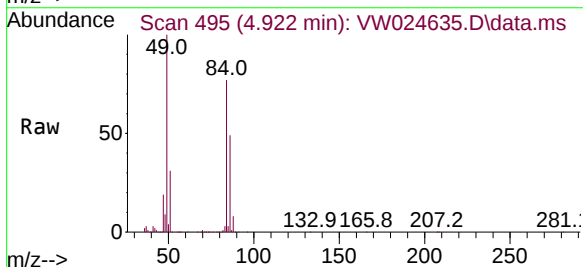
Instrument :
MSVOA_W
ClientSampleId :
VSTD050450

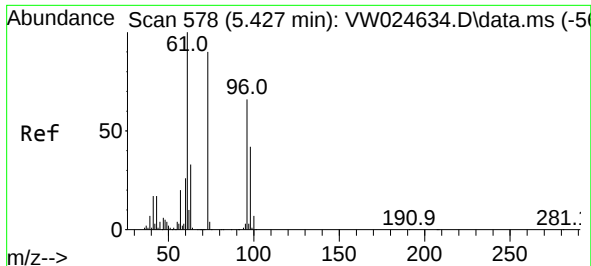
Tgt Ion: 43 Resp: 206959
Ion Ratio Lower Upper
43 100
74 23.0 18.1 27.1



#16
Methylene chloride
Concen: 35.665 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

Tgt Ion: 84 Resp: 469150
Ion Ratio Lower Upper
84 100
86 63.1 44.0 81.8
49 129.3 87.4 162.2

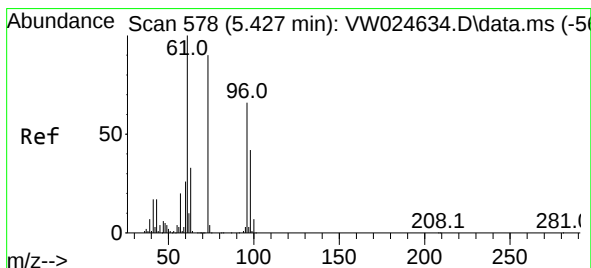
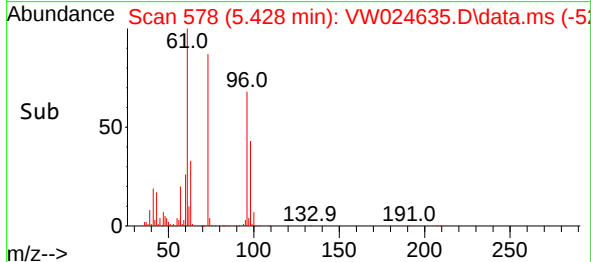
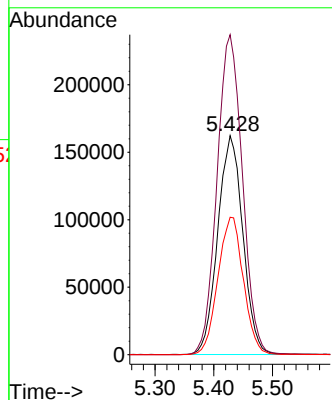
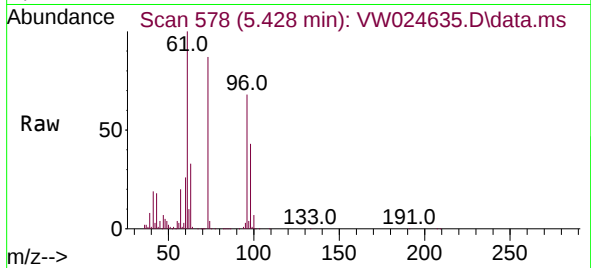




#17
trans-1,2-Dichloroethene
Concen: 49.069 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

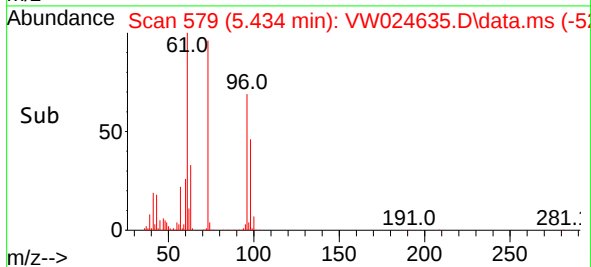
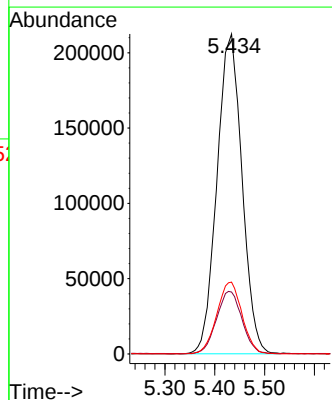
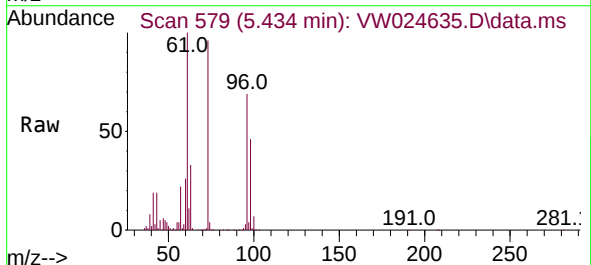
Instrument :
MSVOA_W
ClientSampleId :
VSTD050450

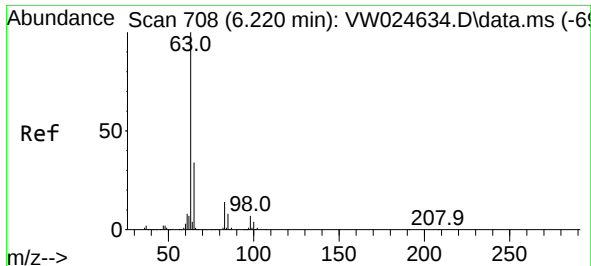
Tgt Ion: 96 Resp: 482356
Ion Ratio Lower Upper
96 100
61 146.1 106.3 197.5
98 62.8 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 47.410 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

Tgt Ion: 73 Resp: 739444
Ion Ratio Lower Upper
73 100
43 19.8 15.6 23.4
57 22.7 18.3 27.5





#19

1,1-Dichloroethane

Concen: 48.772 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD050450

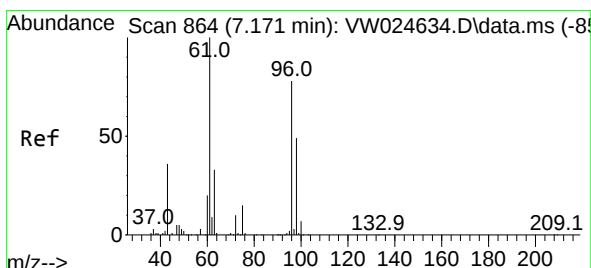
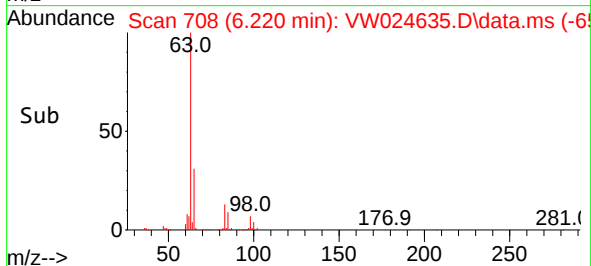
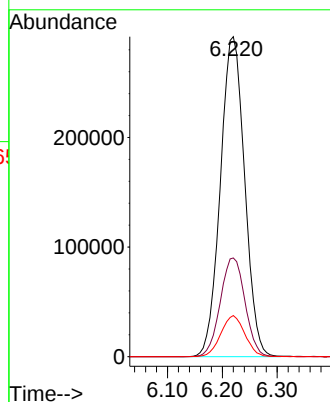
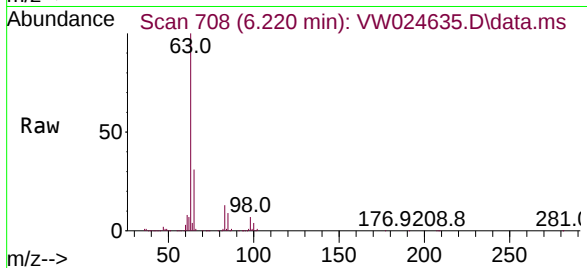
Tgt Ion: 63 Resp: 898354

Ion Ratio Lower Upper

63 100

65 30.8 23.7 43.9

83 12.9 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 48.764 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

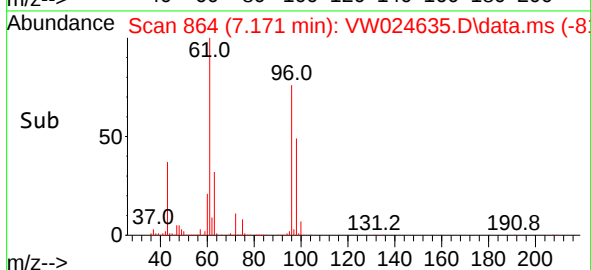
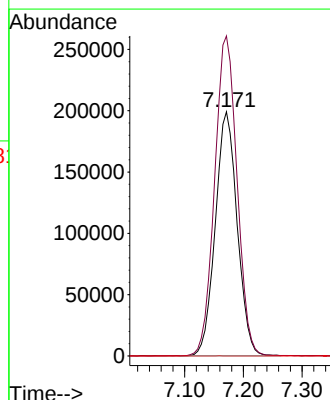
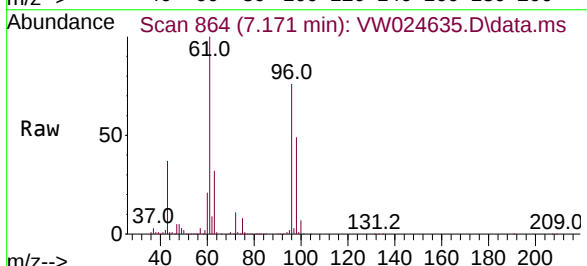
Tgt Ion: 96 Resp: 515029

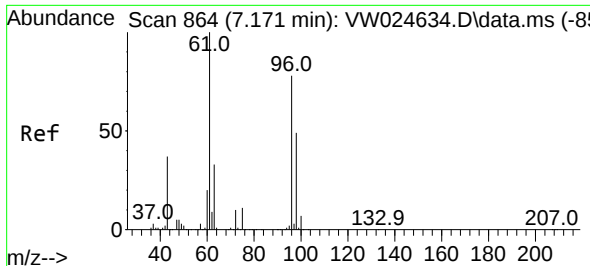
Ion Ratio Lower Upper

96 100

61 131.0 90.2 167.4

68 0.0 0.0 0.0

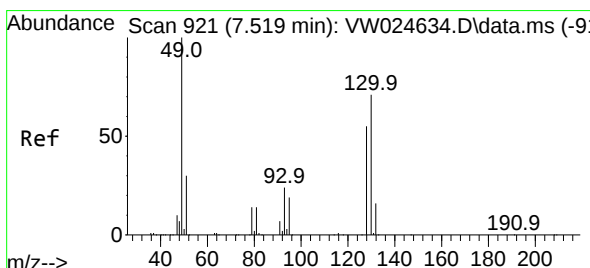
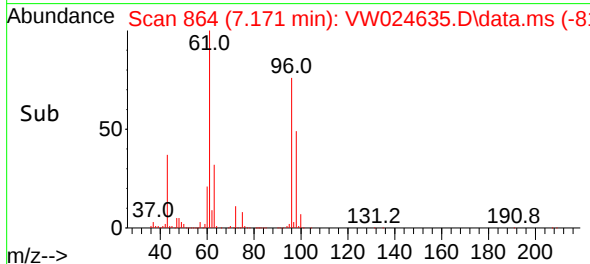
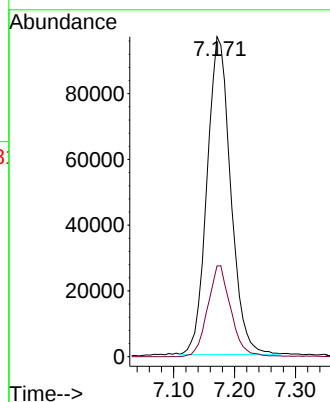
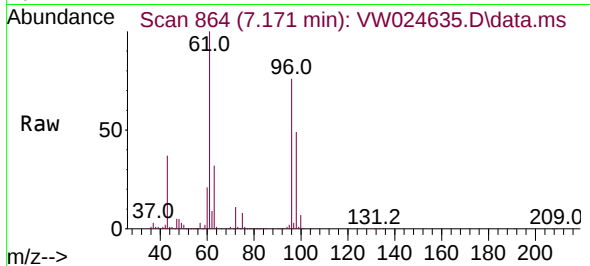




#22
2-Butanone
Concen: 88.739 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

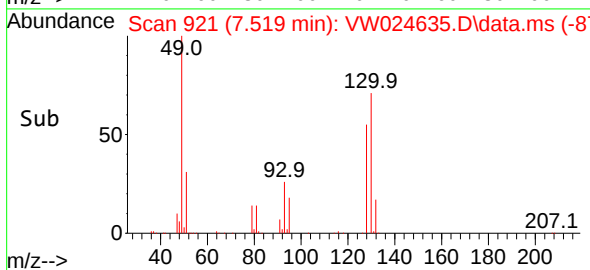
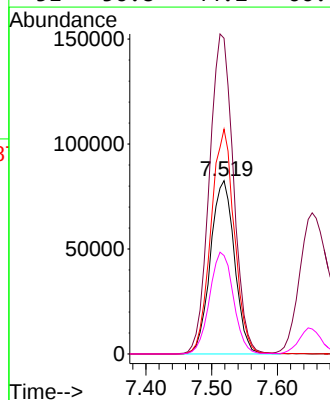
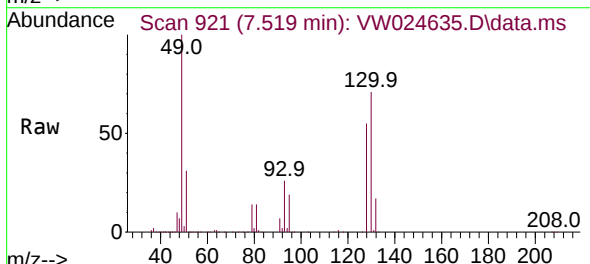
Instrument :
MSVOA_W
ClientSampleId :
VSTD050450

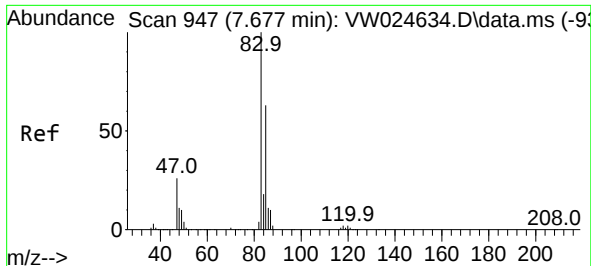
Tgt Ion: 43 Resp: 261153
Ion Ratio Lower Upper
43 100
72 28.0 13.8 41.3



#23
Bromochloromethane
Concen: 48.853 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

Tgt Ion: 128 Resp: 209746
Ion Ratio Lower Upper
128 100
49 182.2 127.3 236.3
130 129.8 90.2 167.4
51 56.8 44.2 66.4

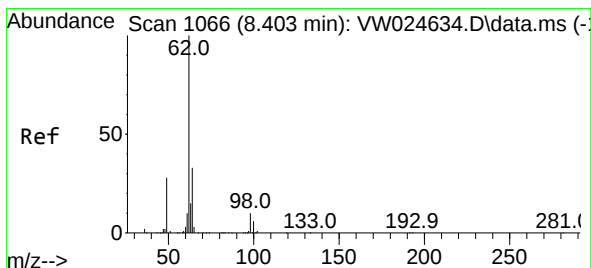
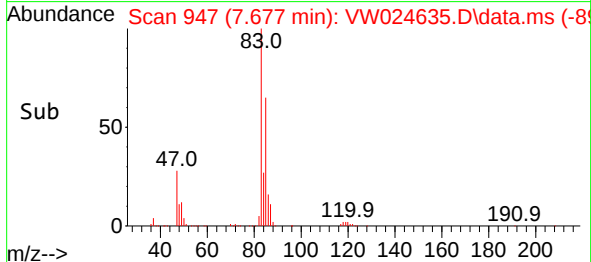
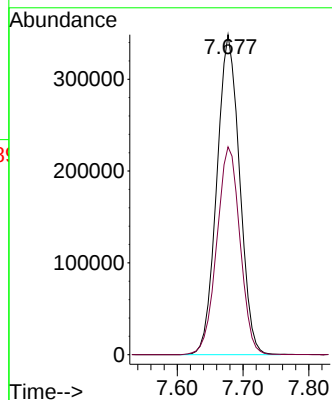
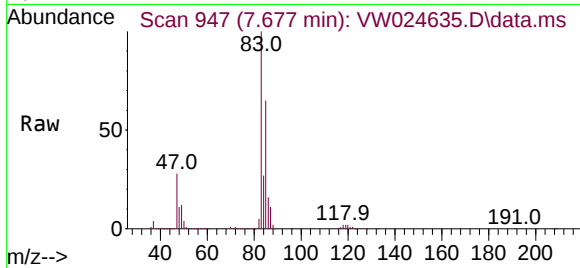




#25
Chloroform
Concen: 48.062 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

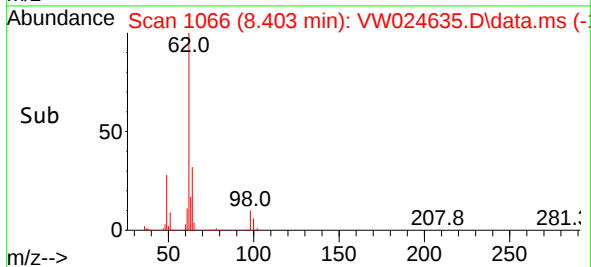
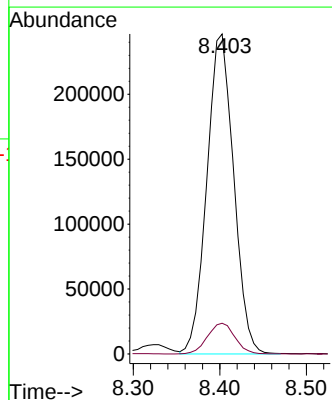
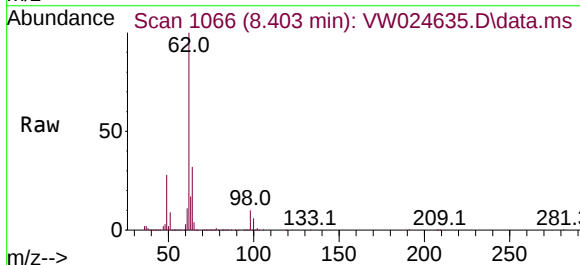
Instrument :
MSVOA_W
ClientSampleId :
VSTD050450

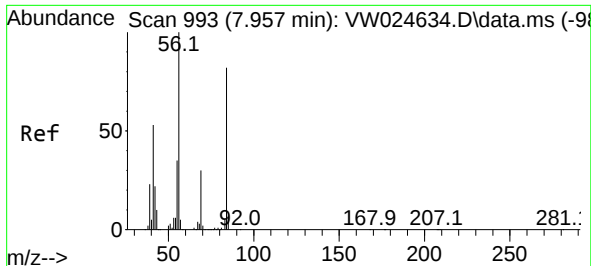
Tgt Ion: 83 Resp: 839475
Ion Ratio Lower Upper
83 100
85 64.9 44.0 81.8



#27
1,2-Dichloroethane
Concen: 48.265 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

Tgt Ion: 62 Resp: 530471
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.8





#29

Cyclohexane

Concen: 50.582 ug/L

RT: 7.958 min Scan# 909

Delta R.T. 0.000 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD050450

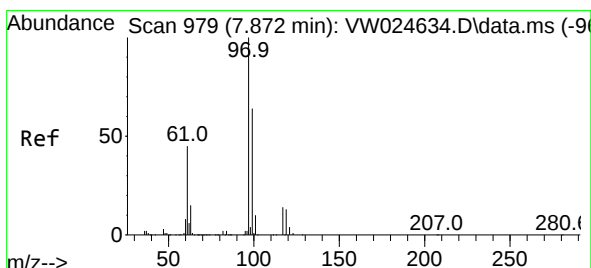
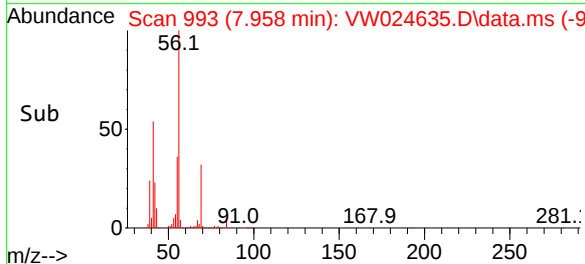
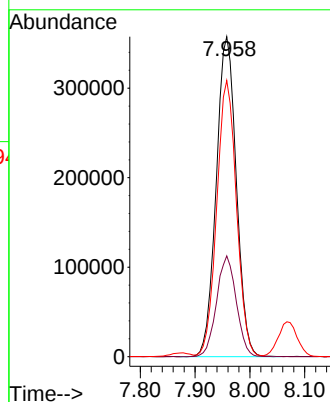
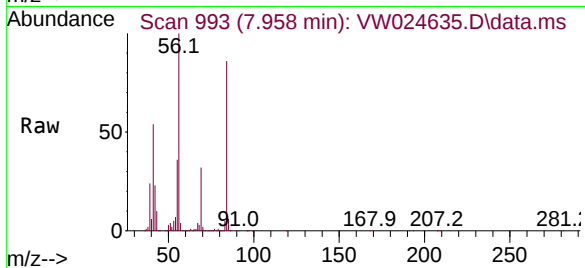
Tgt Ion: 56 Resp: 909181

Ion Ratio Lower Upper

56 100

69 31.0 25.0 37.4

84 85.0 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 49.692 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

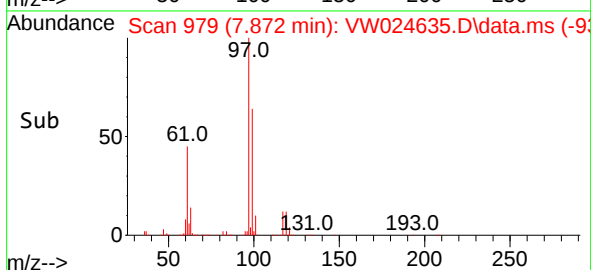
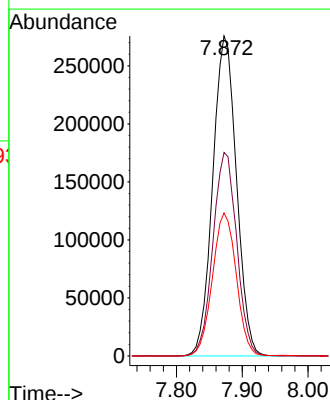
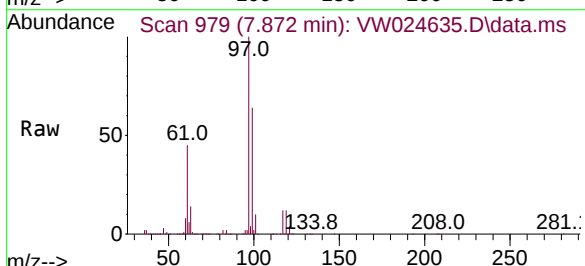
Tgt Ion: 97 Resp: 693509

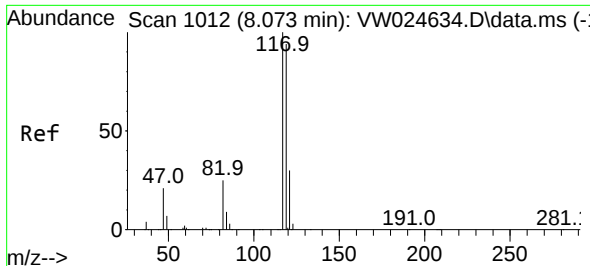
Ion Ratio Lower Upper

97 100

99 63.8 51.1 76.7

61 44.9 35.8 53.6

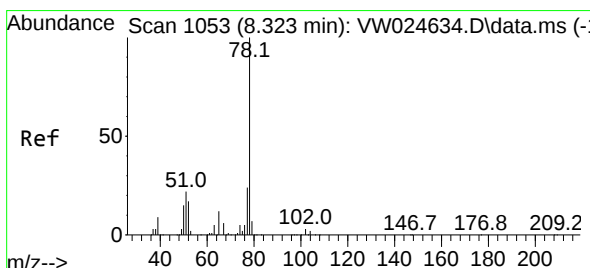
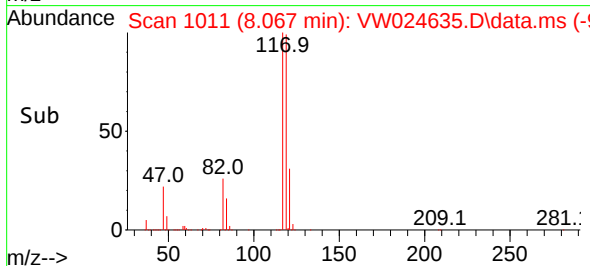
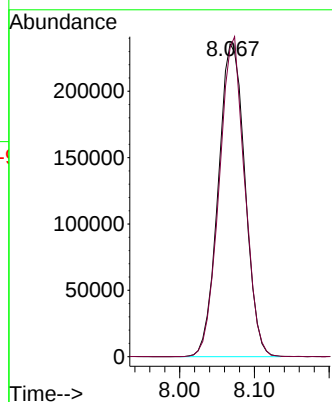
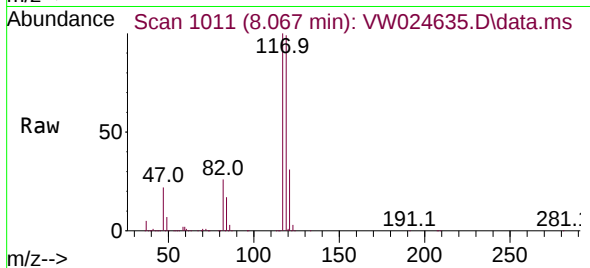




#31
Carbon tetrachloride
Concen: 49.655 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

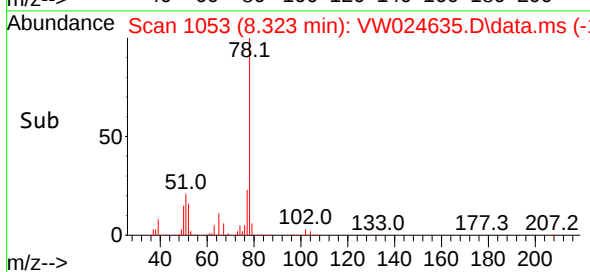
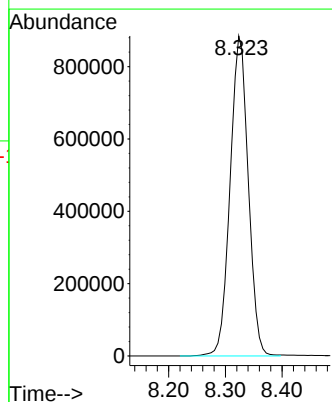
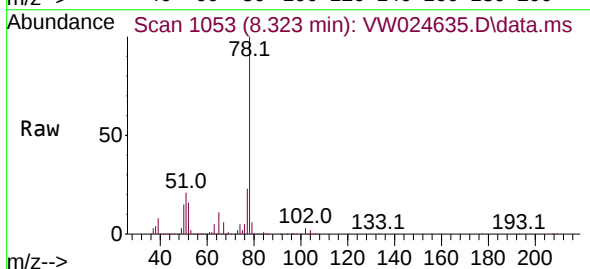
Instrument :
MSVOA_W
ClientSampleId :
VSTD050450

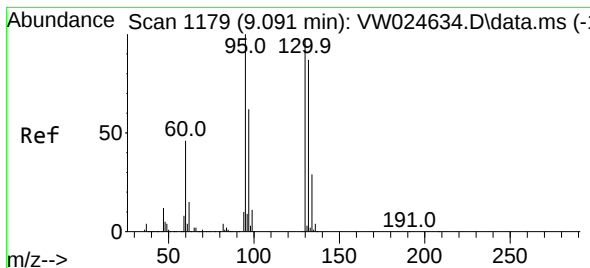
Tgt Ion:117 Resp: 586839
Ion Ratio Lower Upper
117 100
119 97.2 76.2 114.2



#33
Benzene
Concen: 48.788 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

Tgt Ion: 78 Resp: 1969434





#34

Trichloroethene

Concen: 49.334 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD050450

Tgt Ion: 95 Resp: 504757

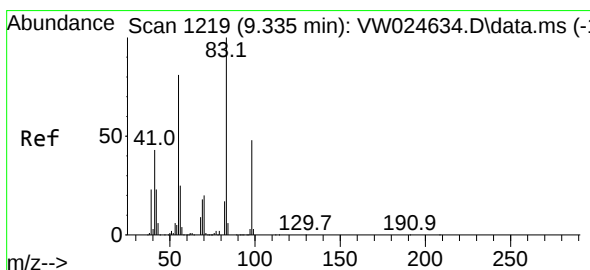
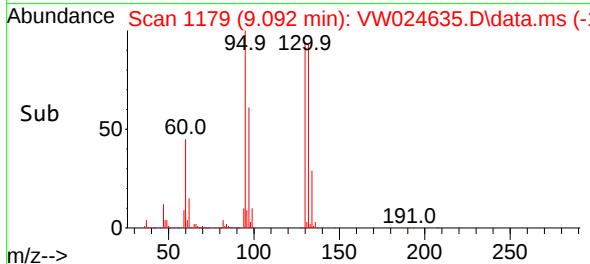
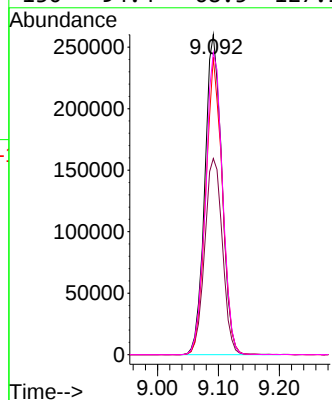
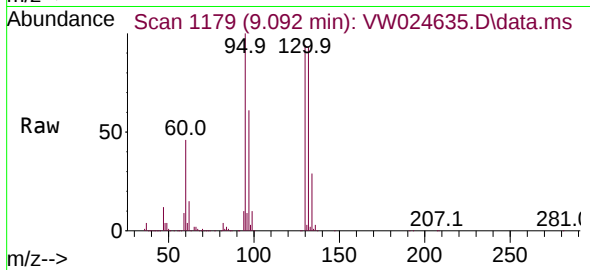
Ion Ratio Lower Upper

95 100

97 61.3 43.5 80.9

132 92.9 61.2 113.8

130 94.4 68.5 127.1



#35

Methylcyclohexane

Concen: 50.767 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

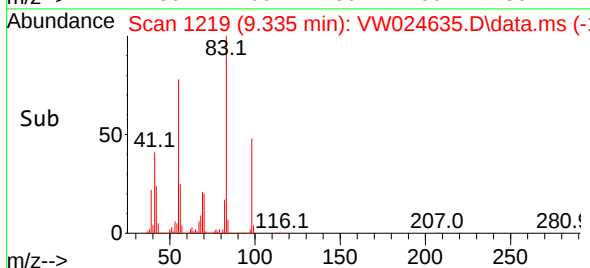
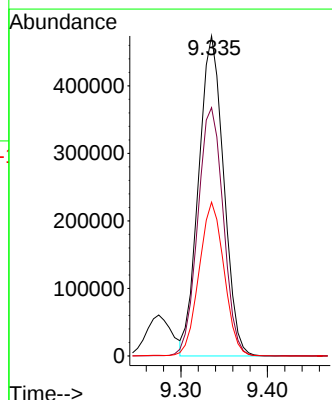
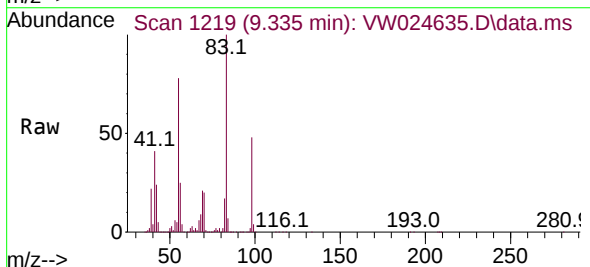
Tgt Ion: 83 Resp: 952162

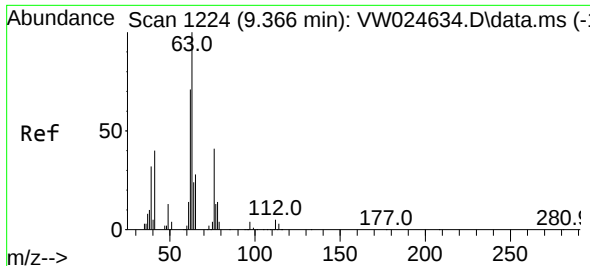
Ion Ratio Lower Upper

83 100

55 78.8 63.1 94.7

98 47.9 38.3 57.5





#37

1,2-Dichloropropane

Concen: 49.276 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

Instrument :

MSVOA_W

ClientSampleId :

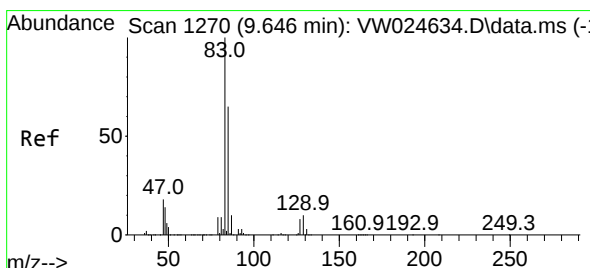
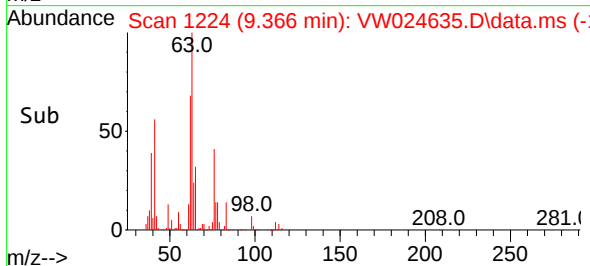
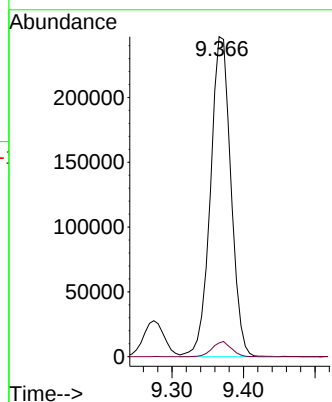
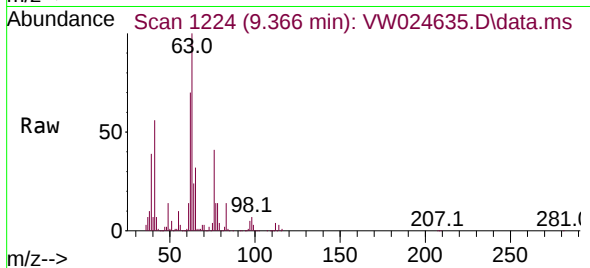
VSTD050450

Tgt Ion: 63 Resp: 491060

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 49.683 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

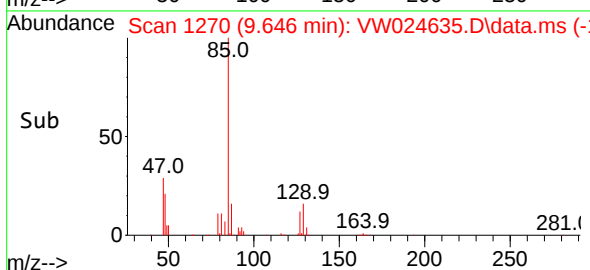
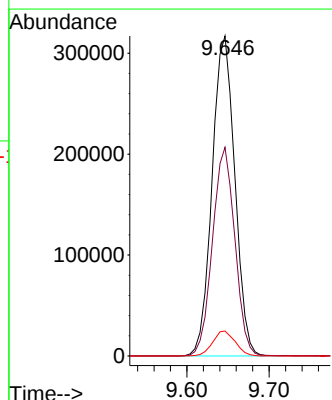
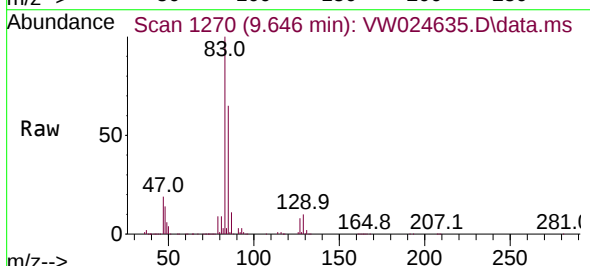
Tgt Ion: 83 Resp: 609031

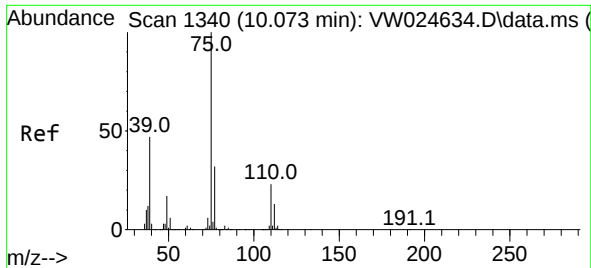
Ion Ratio Lower Upper

83 100

85 65.2 45.6 84.8

127 7.8 6.4 9.6

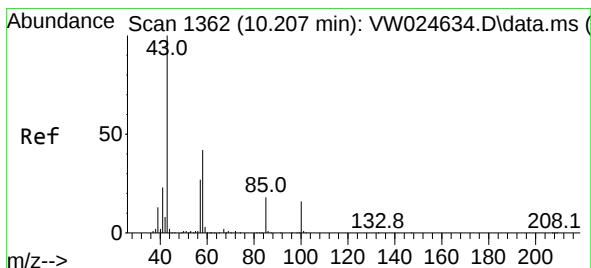
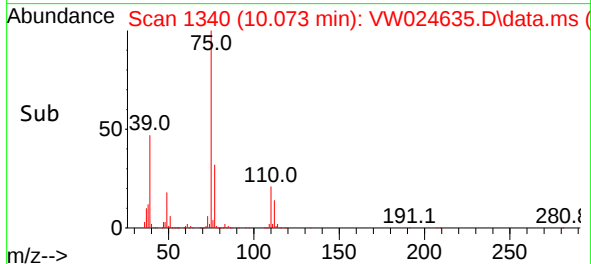
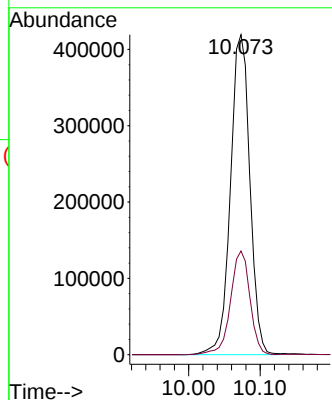
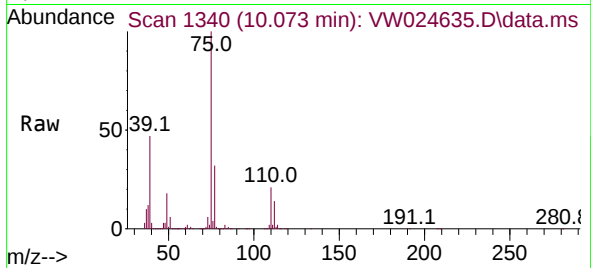




#39
 cis-1,3-Dichloropropene
 Concen: 50.133 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW024635.D
 Acq: 26 Sep 2022 11:07

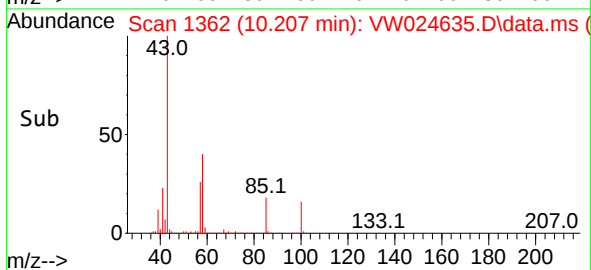
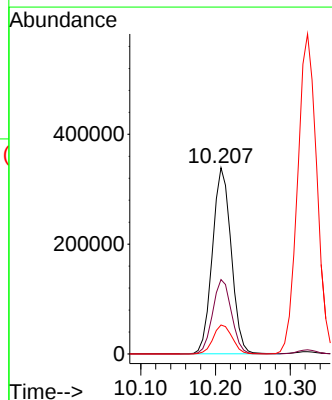
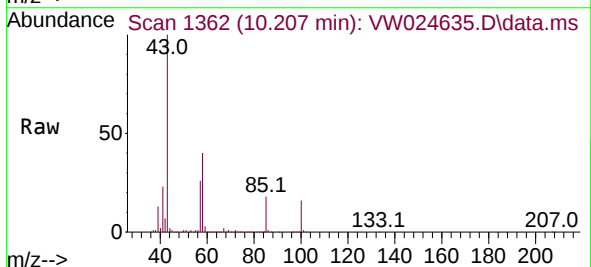
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050450

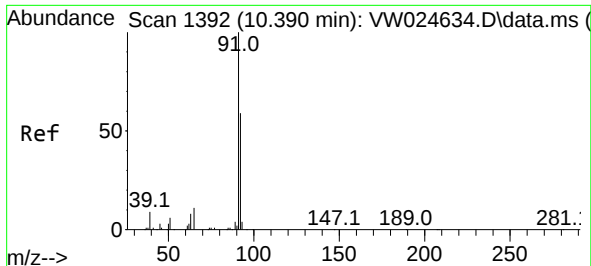
Tgt Ion: 75 Resp: 790052
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 100.346 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW024635.D
 Acq: 26 Sep 2022 11:07

Tgt Ion: 43 Resp: 591916
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.9 49.3
 100 15.8 12.6 19.0

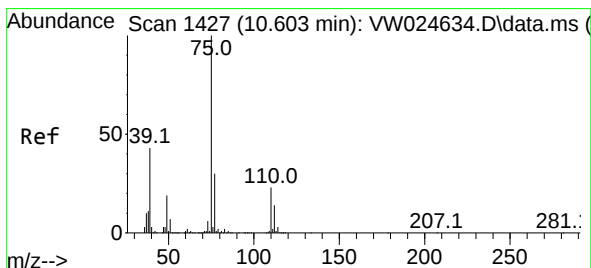
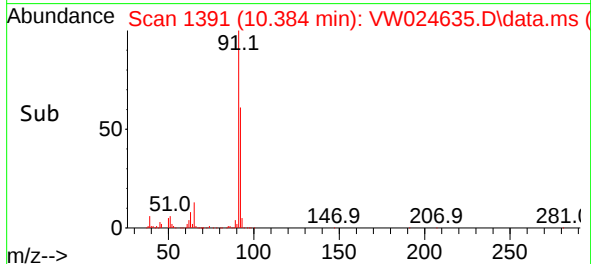
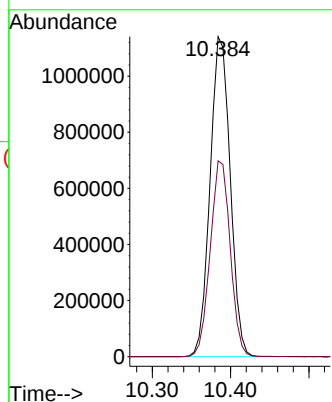
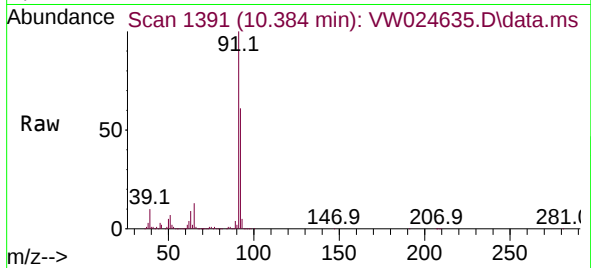




#42
Toluene
Concen: 48.881 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

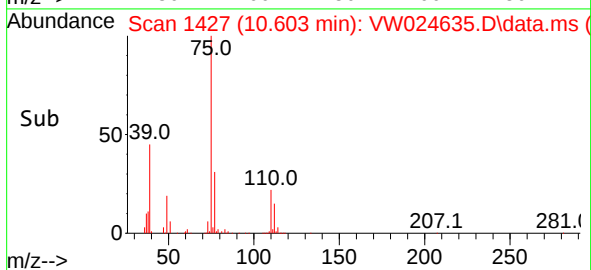
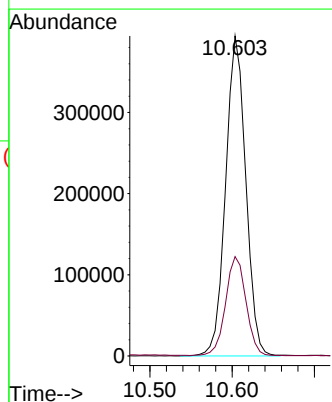
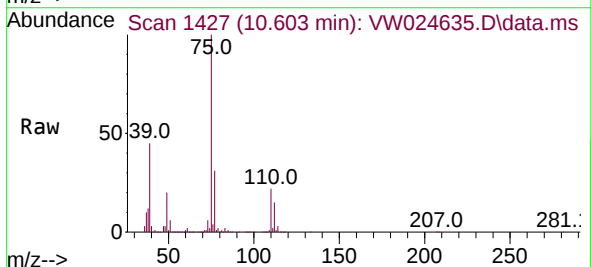
Instrument :
MSVOA_W
ClientSampleId :
VSTD050450

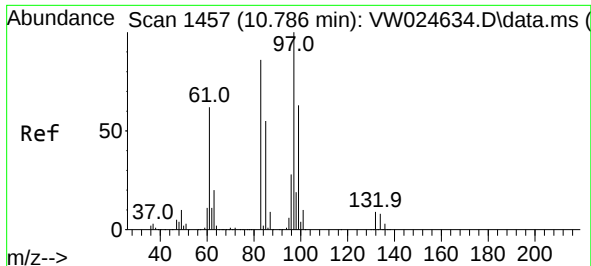
Tgt Ion: 91 Resp: 2037655
Ion Ratio Lower Upper
91 100
92 61.2 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 49.790 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

Tgt Ion: 75 Resp: 672718
Ion Ratio Lower Upper
75 100
77 31.1 21.3 39.6



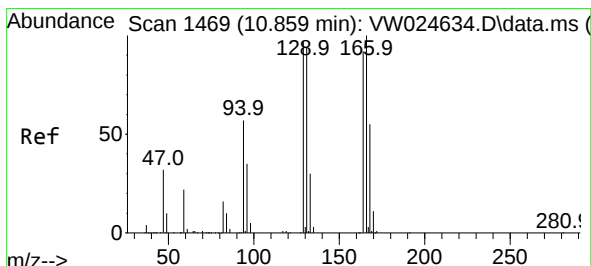
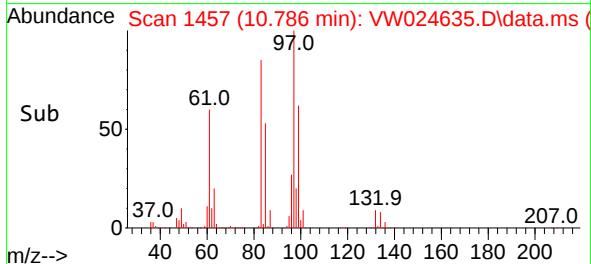
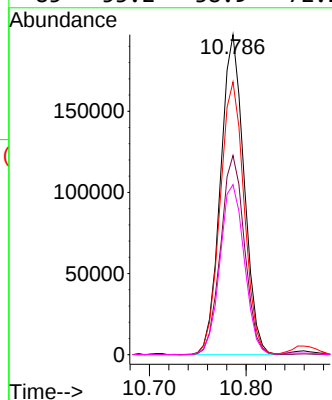
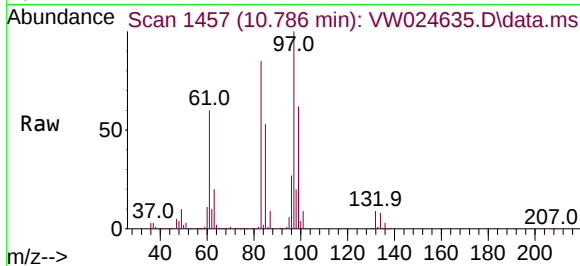


#45
1,1,2-Trichloroethane
Concen: 48.988 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD050450

Tgt Ion: 97 Resp: 333464

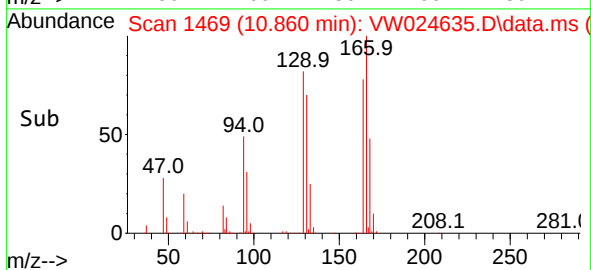
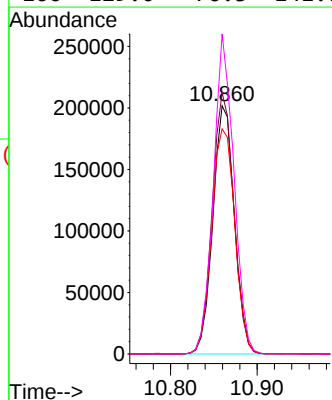
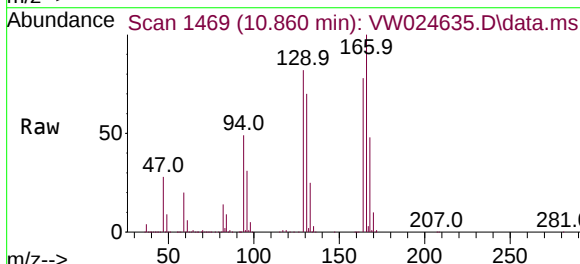
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.8	81.4
83	85.3	60.1	111.5
85	53.2	38.9	72.2

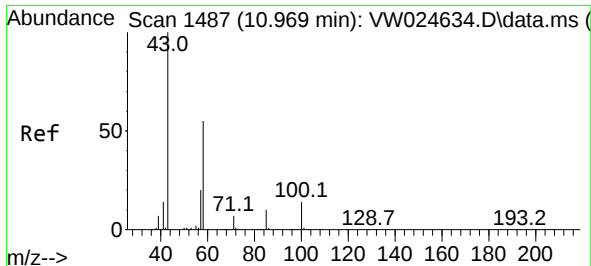


#46
Tetrachloroethene
Concen: 50.141 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

Tgt Ion: 164 Resp: 348570

Ion	Ratio	Lower	Upper
164	100		
129	105.4	74.1	137.5
131	90.7	71.5	132.7
166	129.0	76.3	141.7



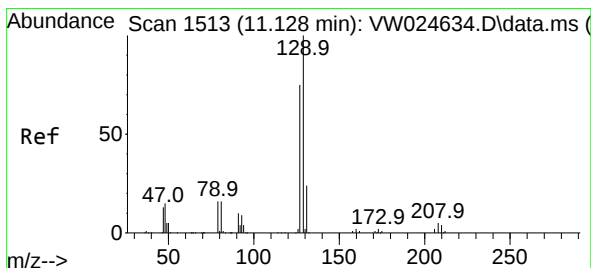
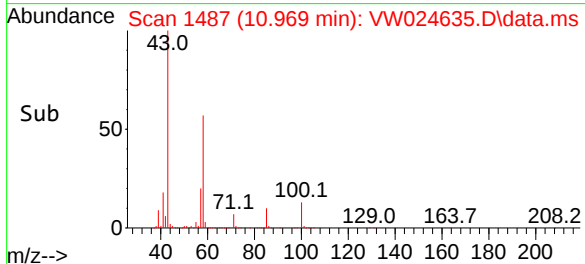
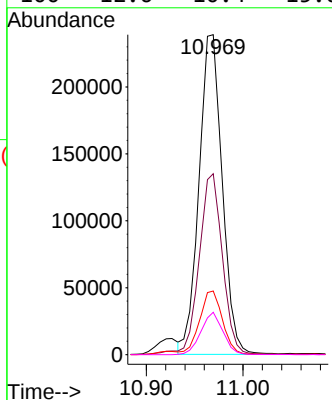
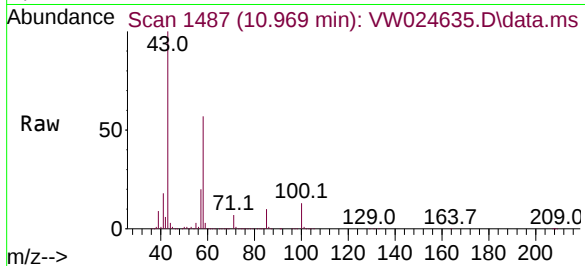


#48
2-Hexanone
Concen: 100.251 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD050450

Tgt Ion: 43 Resp: 399876

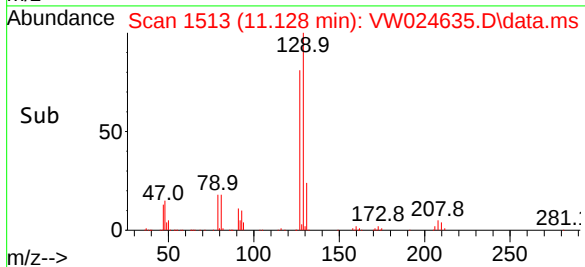
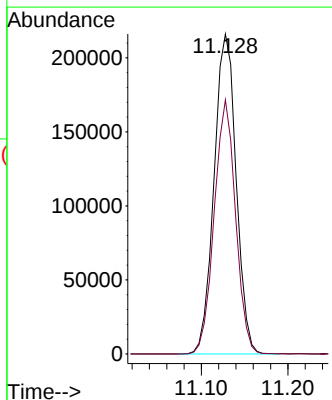
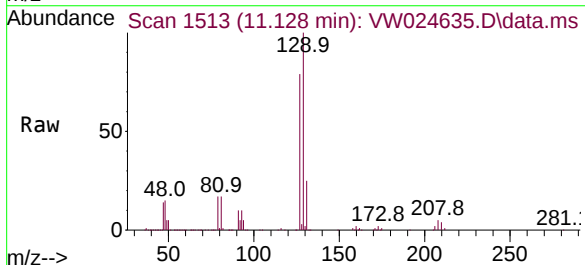
Ion	Ratio	Lower	Upper
43	100		
58	55.9	45.3	67.9
57	19.5	16.3	24.5
100	12.6	10.4	15.6

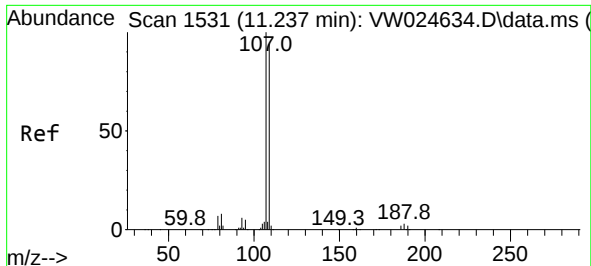


#49
Dibromochloromethane
Concen: 49.936 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

Tgt Ion: 129 Resp: 382765

Ion	Ratio	Lower	Upper
129	100		
127	79.4	52.4	97.4





#50

1,2-Dibromoethane

Concen: 49.799 ug/L

RT: 11.231 min Scan# 1531

Delta R.T. -0.006 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD050450

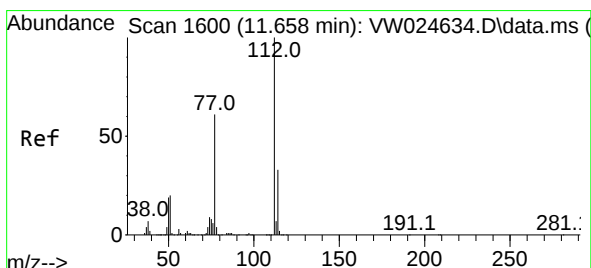
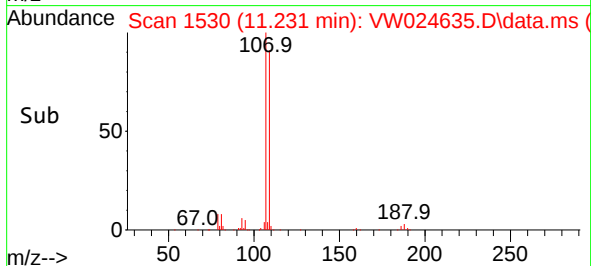
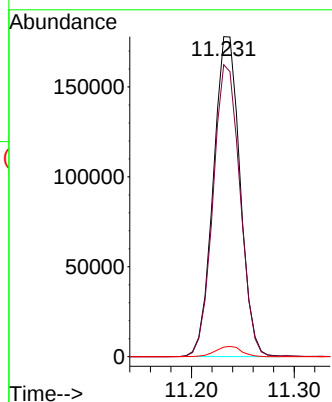
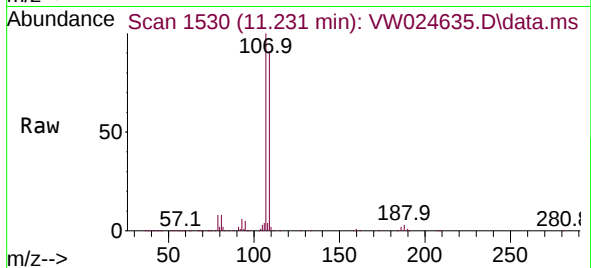
Tgt Ion:107 Resp: 320859

Ion Ratio Lower Upper

107 100

109 91.3 65.5 121.7

188 3.0 2.4 3.6



#51

Chlorobenzene

Concen: 48.779 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

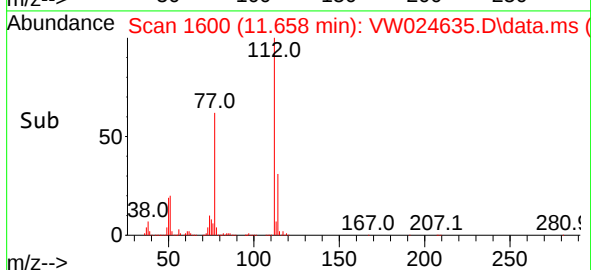
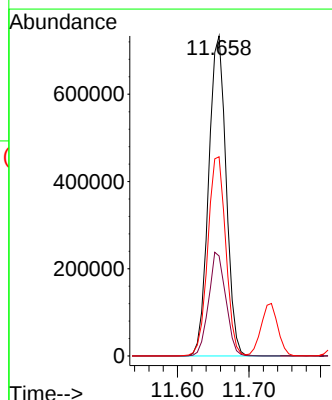
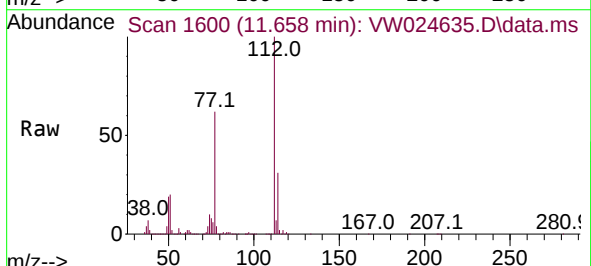
Tgt Ion:112 Resp: 1245021

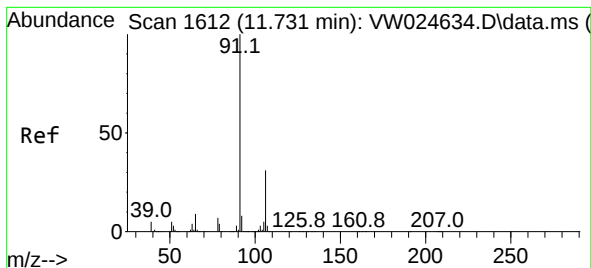
Ion Ratio Lower Upper

112 100

114 31.3 23.3 43.3

77 62.2 49.1 73.7

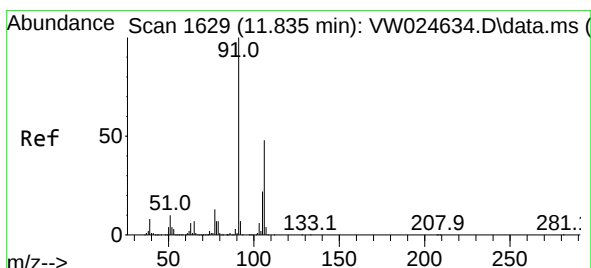
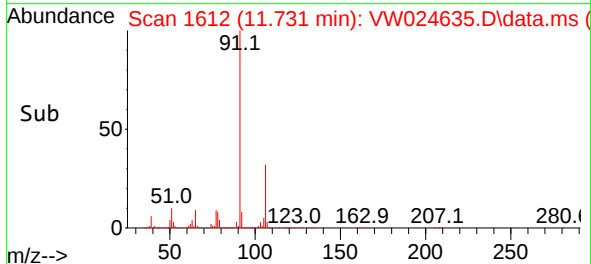
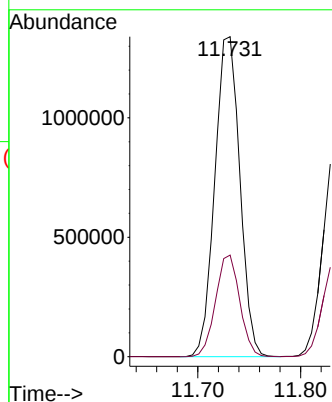
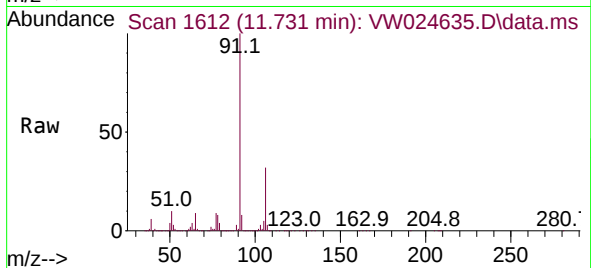




#52
Ethylbenzene
Concen: 49.272 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

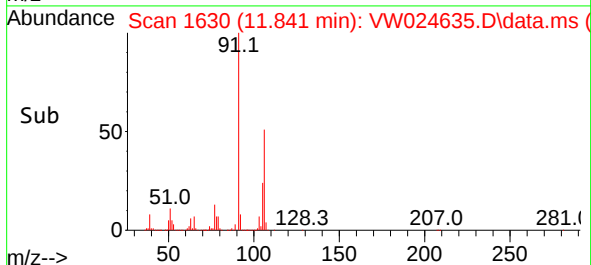
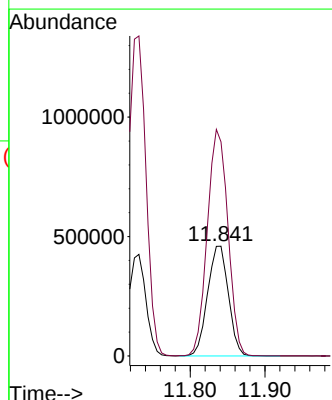
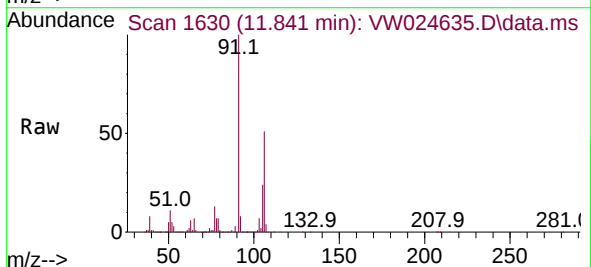
Instrument :
MSVOA_W
ClientSampleId :
VSTD050450

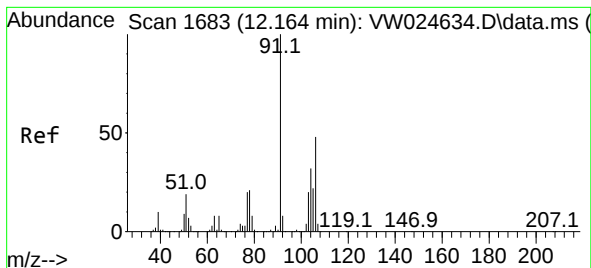
Tgt Ion: 91 Resp: 2262417
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9



#53
m,p-Xylene
Concen: 49.464 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

Tgt Ion: 106 Resp: 886883
Ion Ratio Lower Upper
106 100
91 195.1 146.8 272.6





#54

o-Xylene

Concen: 49.323 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

Instrument :

MSVOA_W

ClientSampleId :

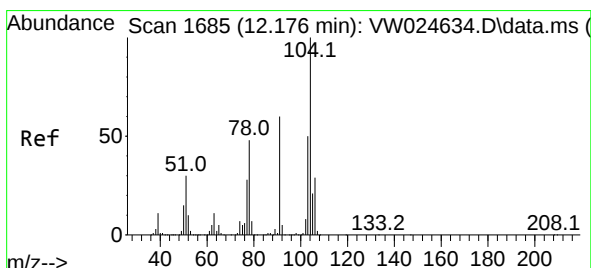
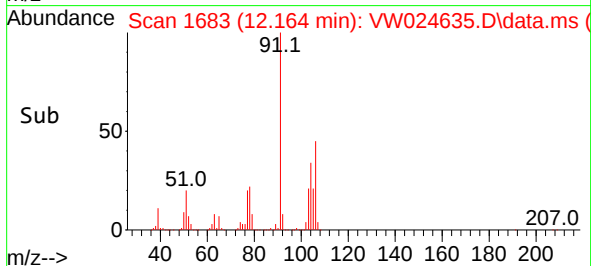
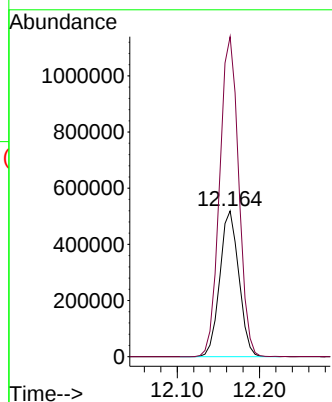
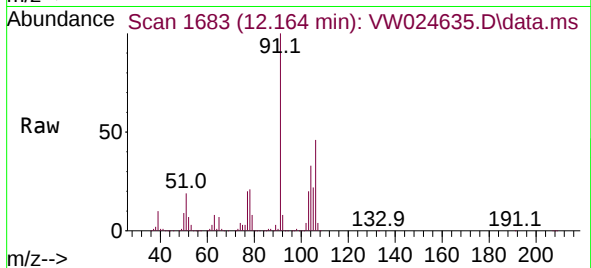
VSTD050450

Tgt Ion:106 Resp: 835132

Ion Ratio Lower Upper

106 100

91 219.6 146.3 271.7



#55

Styrene

Concen: 49.793 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024635.D

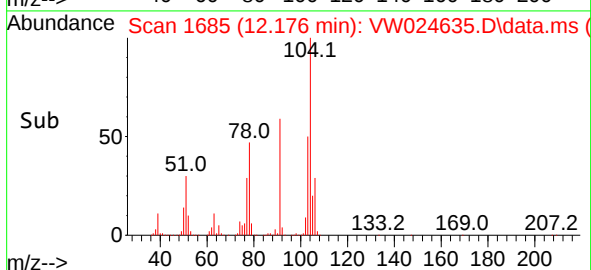
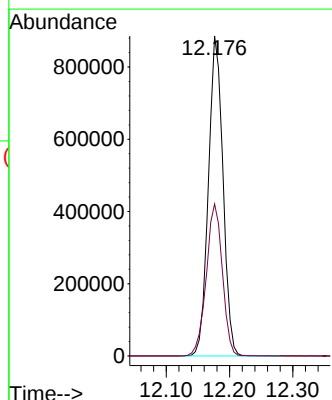
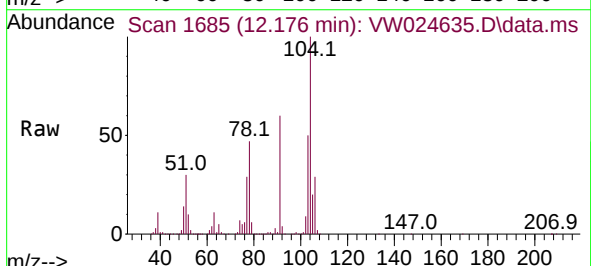
Acq: 26 Sep 2022 11:07

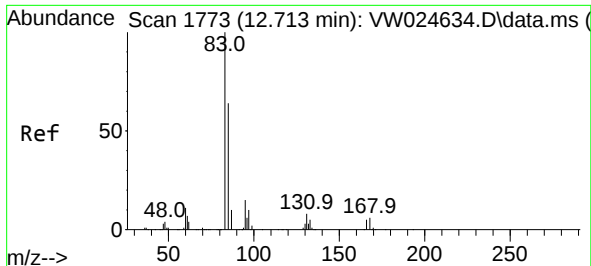
Tgt Ion:104 Resp: 1421260

Ion Ratio Lower Upper

104 100

78 47.5 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 49.293 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD050450

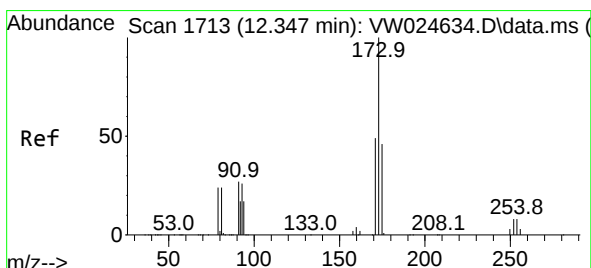
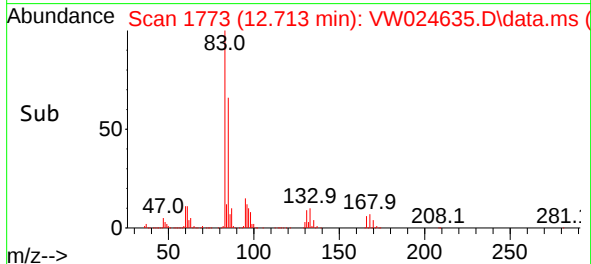
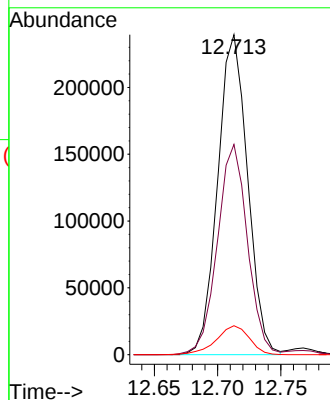
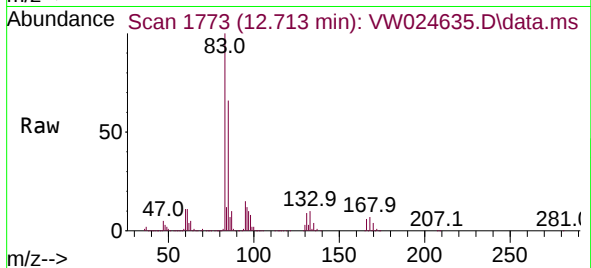
Tgt Ion: 83 Resp: 392875

Ion Ratio Lower Upper

83 100

85 65.7 45.2 84.0

131 9.1 7.3 10.9



#59

Bromoform

Concen: 49.212 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

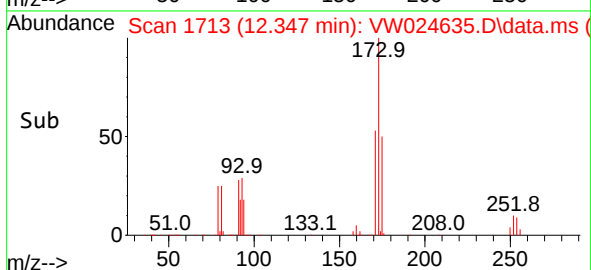
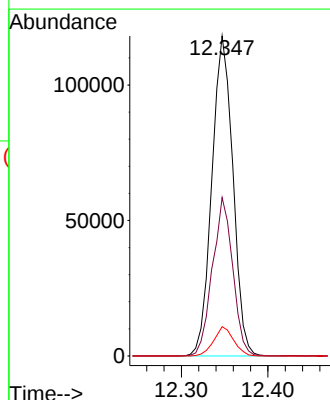
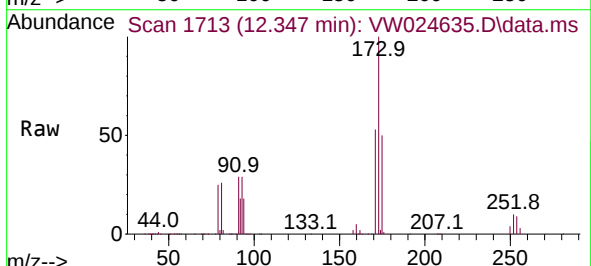
Tgt Ion: 173 Resp: 199348

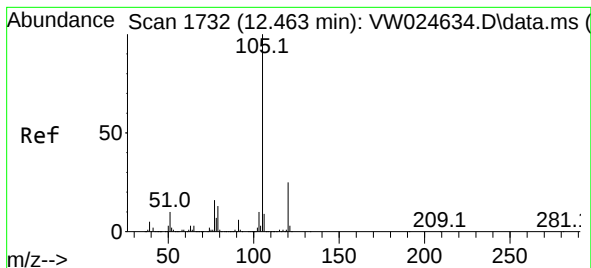
Ion Ratio Lower Upper

173 100

175 47.8 37.7 56.5

254 8.6 6.7 10.1





#60

Isopropylbenzene

Concen: 47.897 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD050450

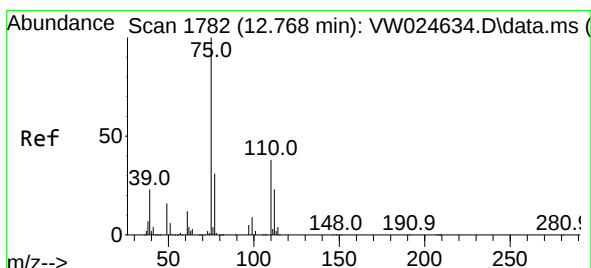
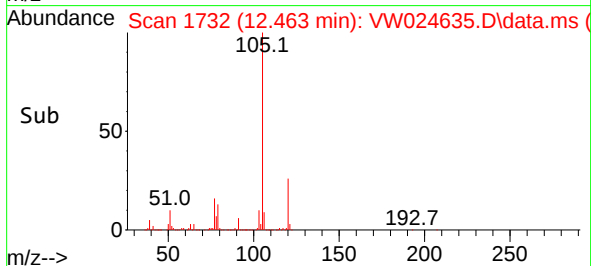
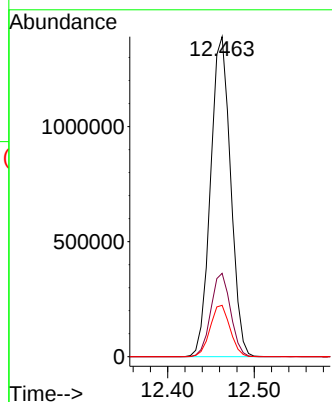
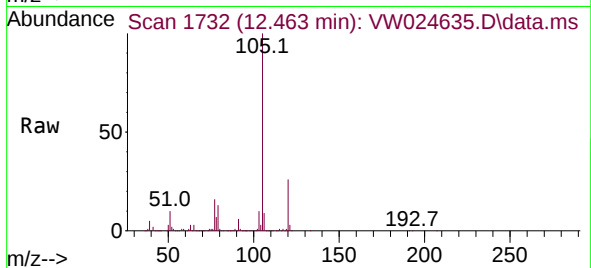
Tgt Ion:105 Resp: 2237106

Ion Ratio Lower Upper

105 100

120 25.6 20.9 31.3

77 15.9 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 47.434 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

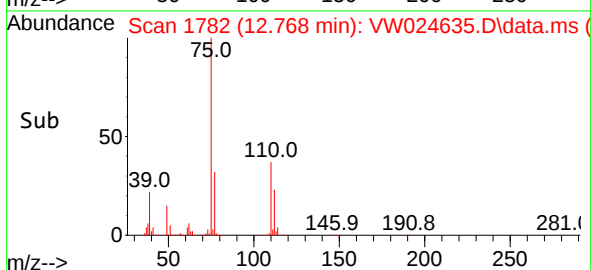
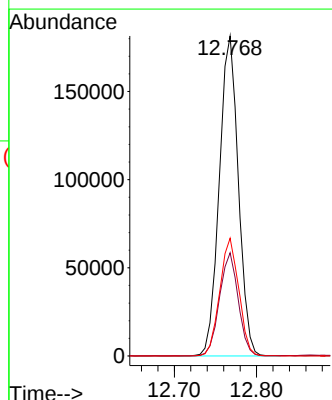
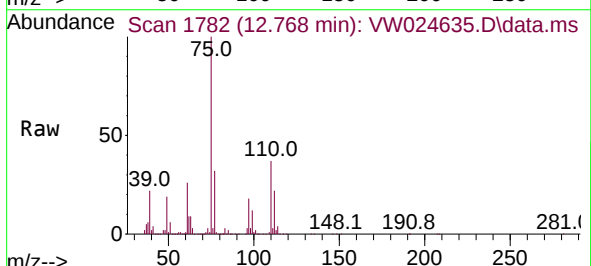
Tgt Ion: 75 Resp: 292812

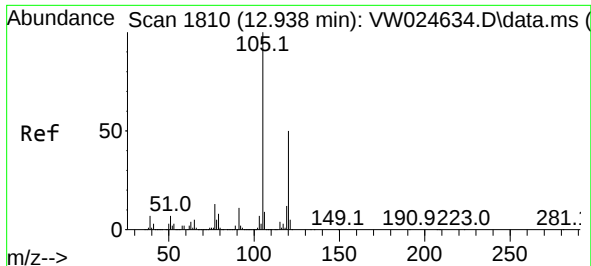
Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.6

110 36.7 29.2 43.8

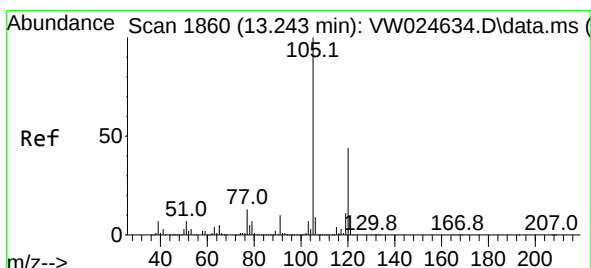
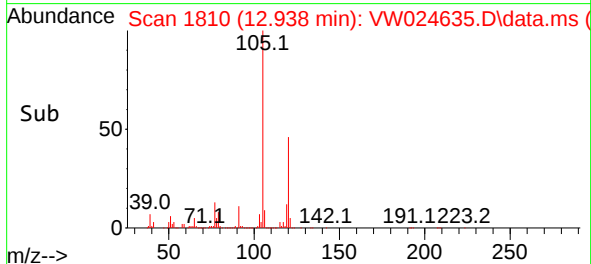
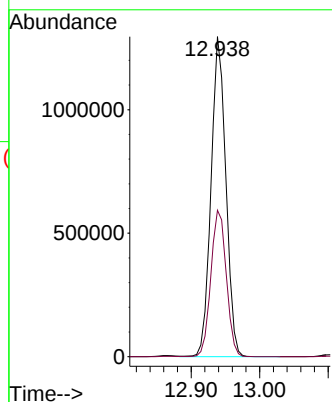
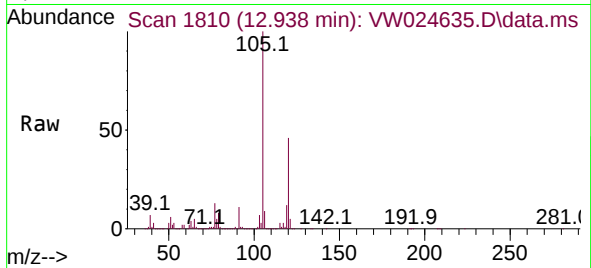




#62
1,3,5-Trimethylbenzene
Concen: 47.941 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

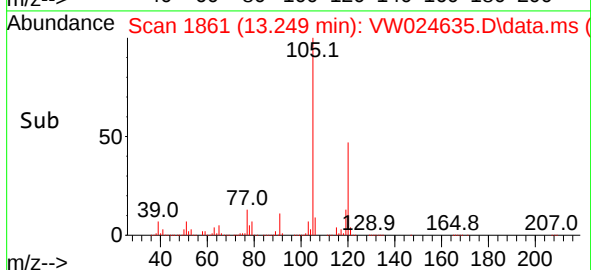
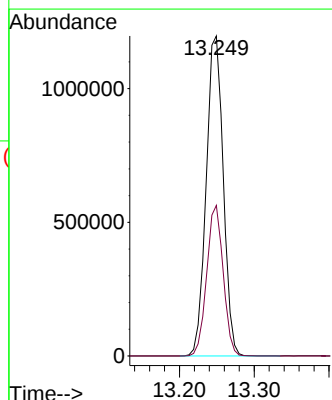
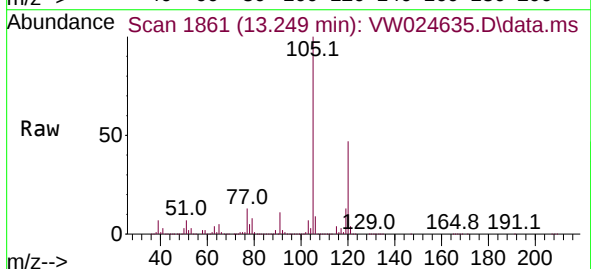
Instrument :
MSVOA_W
ClientSampleId :
VSTD050450

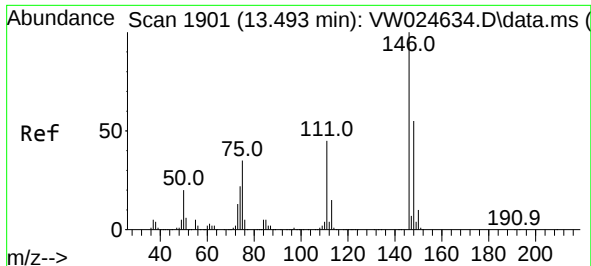
Tgt Ion:105 Resp: 1946167
Ion Ratio Lower Upper
105 100
120 47.6 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 47.680 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

Tgt Ion:105 Resp: 1896216
Ion Ratio Lower Upper
105 100
120 45.4 35.2 52.8

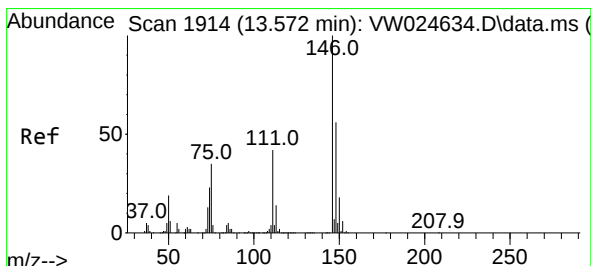
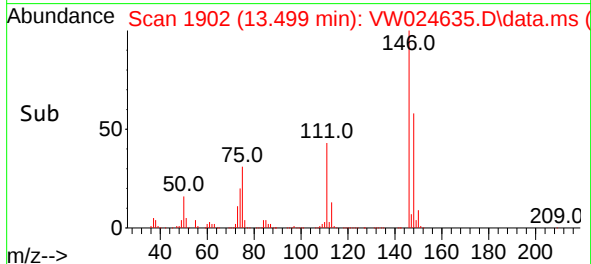
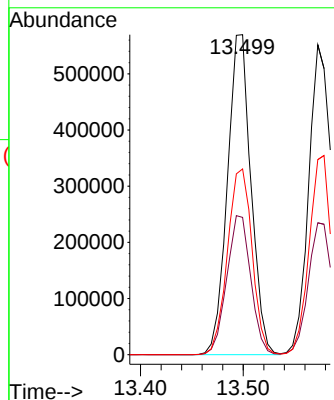
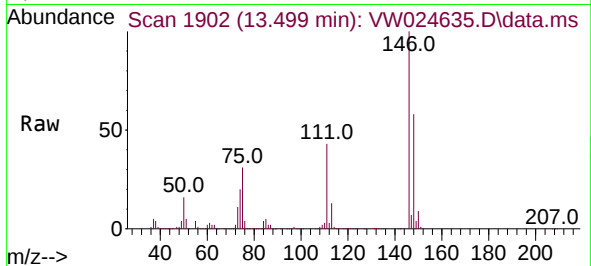




#64
1,3-Dichlorobenzene
Concen: 47.986 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

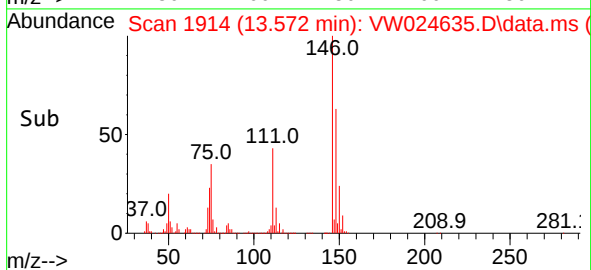
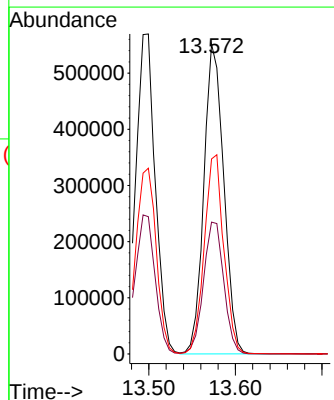
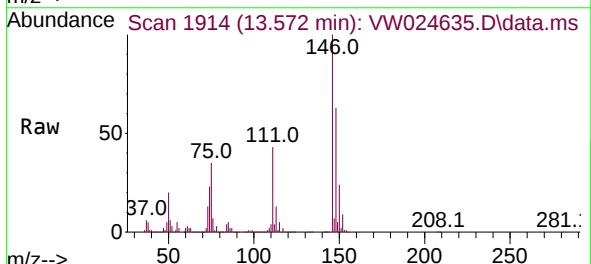
Instrument :
MSVOA_W
ClientSampleId :
VSTD050450

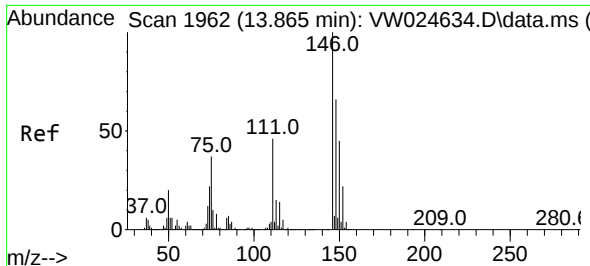
Tgt Ion:146 Resp: 910538
Ion Ratio Lower Upper
146 100
111 42.9 31.6 58.6
148 58.1 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 47.718 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

Tgt Ion:146 Resp: 881440
Ion Ratio Lower Upper
146 100
111 42.5 29.4 54.6
148 62.9 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 46.614 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD050450

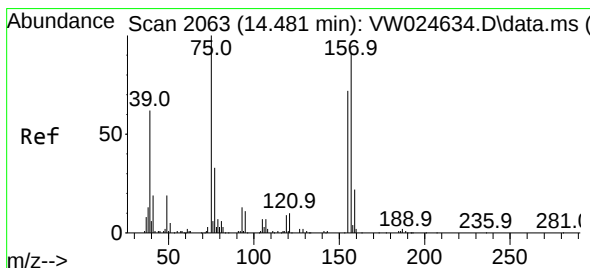
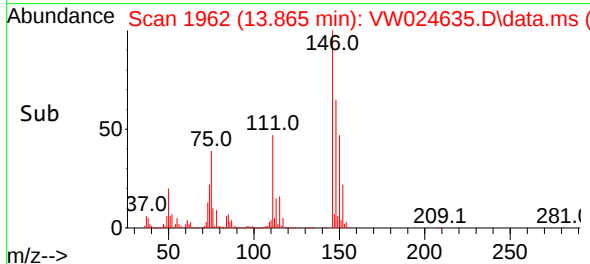
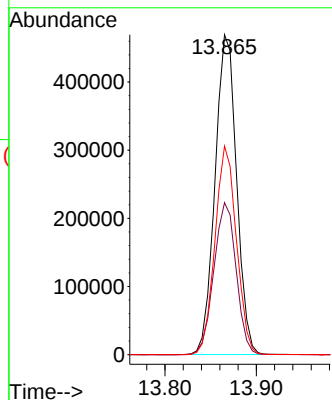
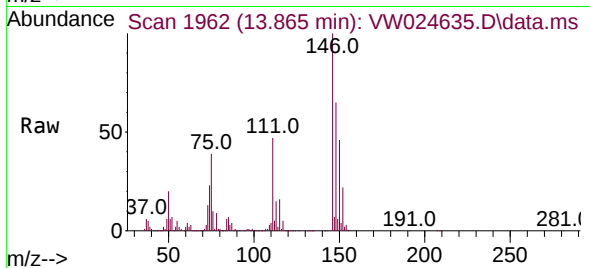
Tgt Ion:146 Resp: 770414

Ion Ratio Lower Upper

146 100

111 47.5 37.2 55.8

148 65.2 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 46.088 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

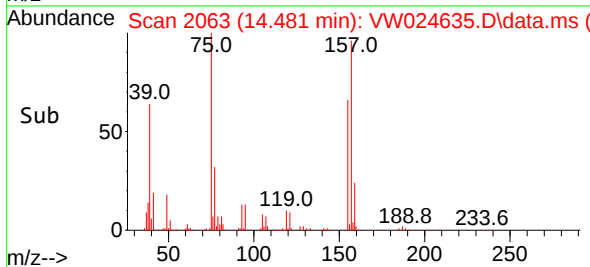
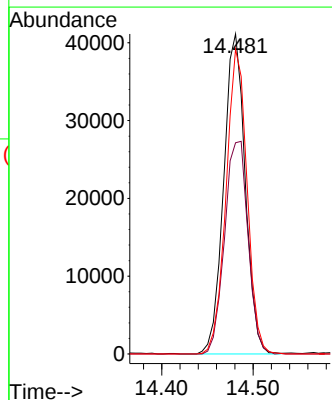
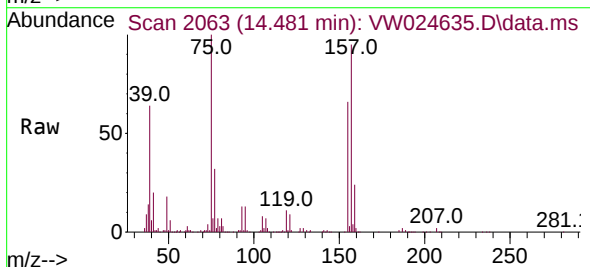
Tgt Ion: 75 Resp: 67279

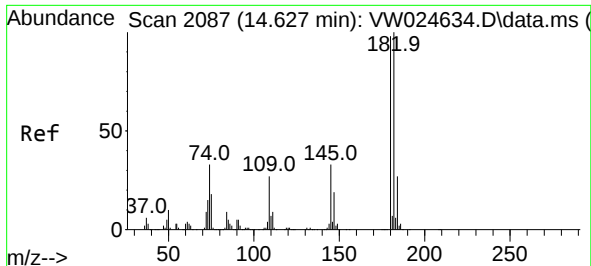
Ion Ratio Lower Upper

75 100

155 66.0 57.6 86.4

157 95.2 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 47.518 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW024635.D

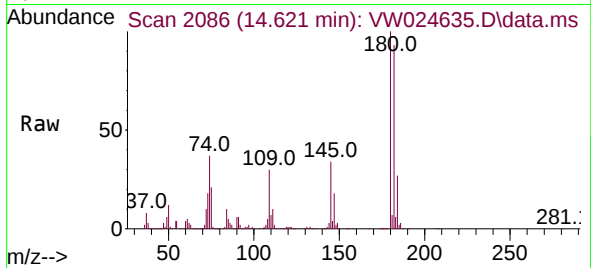
Acq: 26 Sep 2022 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD050450



Tgt Ion:180 Resp: 598685

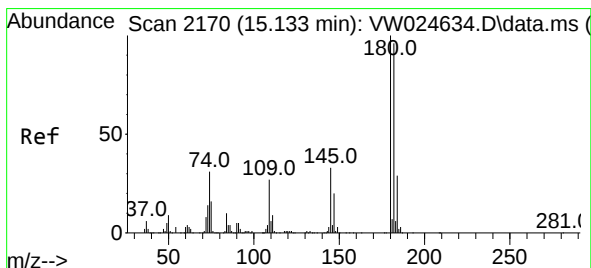
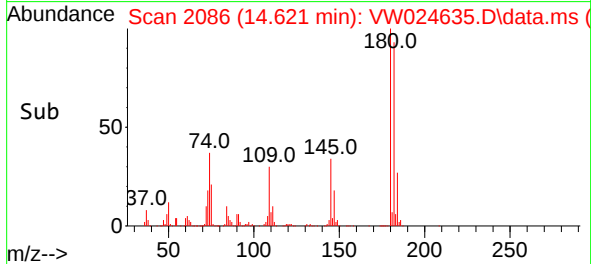
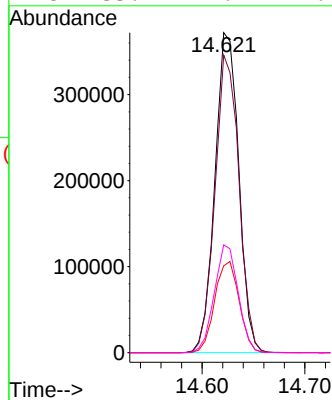
Ion Ratio Lower Upper

180 100

182 93.5 77.1 115.7

184 29.4 23.3 34.9

145 33.7 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 48.913 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW024635.D

Acq: 26 Sep 2022 11:07

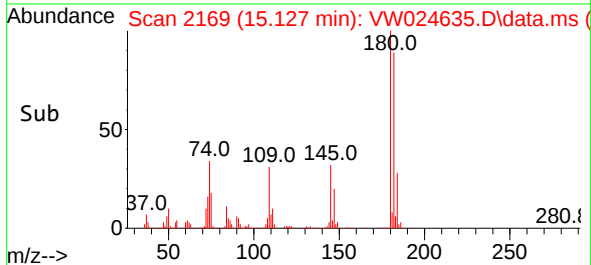
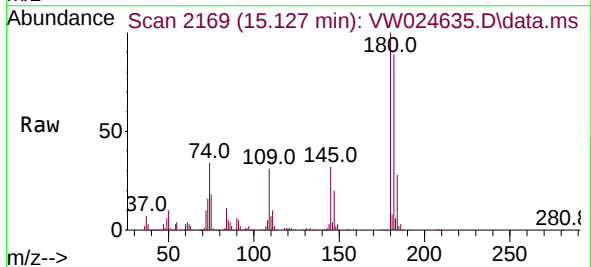
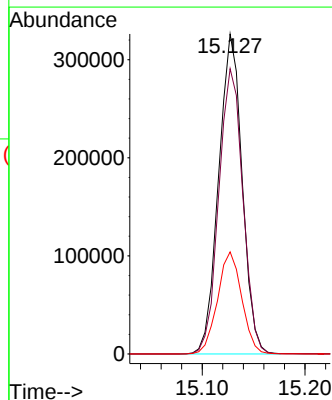
Tgt Ion:180 Resp: 517718

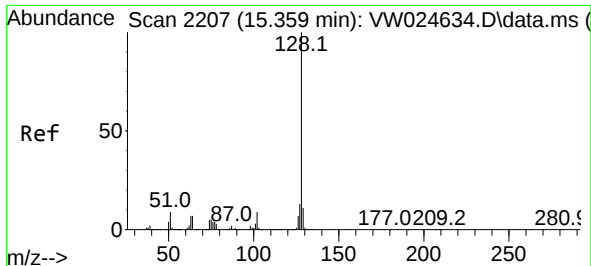
Ion Ratio Lower Upper

180 100

182 91.2 76.8 115.2

145 32.8 29.0 43.4

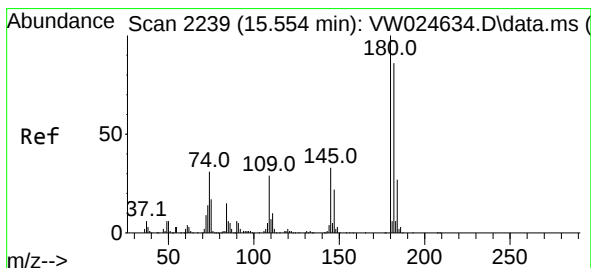
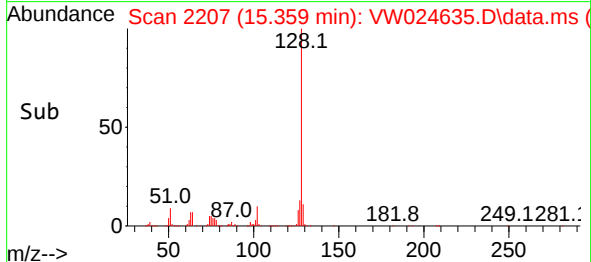
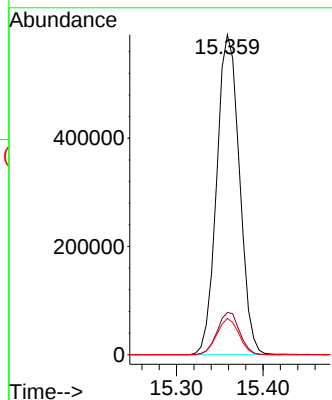
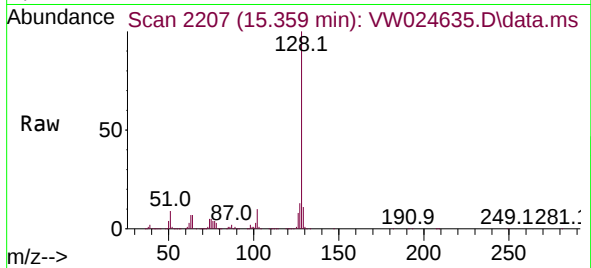




#71
Naphthalene
Concen: 46.847 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD050450

Tgt Ion:128 Resp: 1079644
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 48.019 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024635.D
Acq: 26 Sep 2022 11:07

Tgt Ion:180 Resp: 432561
Ion Ratio Lower Upper
180 100
182 92.3 77.4 116.2
145 35.5 30.6 45.8

