

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
 Data File : VW024634.D
 Acq On : 26 Sep 2022 10:43
 Operator : SY/VA
 Sample : VSTD02549
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025449

Quant Time: Sep 27 00:50:16 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	8.841	114	622695	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	545916	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	264175	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	178095	27.336	ug/L	0.00
7) Chloroethane-d5	2.891	69	105824	27.952	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	405596	26.898	ug/L	0.00
21) 2-Butanone-d5	7.080	46	112830	48.513	ug/L	0.00
24) Chloroform-d	7.653	84	423043	25.413	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	214059	24.788	ug/L	0.00
32) Benzene-d6	8.275	84	885239	25.370	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	263963	24.759	ug/L	0.00
41) Toluene-d8	10.323	98	787576	25.254	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	117537	24.757	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	90135	49.414	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	188775	24.851	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	232847	25.048	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	101208	27.386	ug/L	100
3) Chloromethane	2.215	50	186056	24.991	ug/L	100
5) Vinyl chloride	2.367	62	222009	29.003	ug/L	100
6) Bromomethane	2.782	94	100295	28.390	ug/L	100
8) Chloroethane	2.928	64	93291	28.907	ug/L	100
9) Trichlorofluoromethane	3.263	101	117833	27.516	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	220923	27.048	ug/L	100
12) 1,1-Dichloroethene	4.044	96	221643	27.073	ug/L	100
13) Acetone	4.129	43	78470	45.786	ug/L	100
14) Carbon disulfide	4.391	76	695670	27.052	ug/L	100
15) Methyl Acetate	4.672	43	101376	26.359	ug/L	100
16) Methylene chloride	4.921	84	254566	20.816	ug/L	100
17) trans-1,2-Dichloroethene	5.427	96	247585	27.092	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	381050	26.280	ug/L	100
19) 1,1-Dichloroethane	6.220	63	454663	26.551	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	261633	26.647	ug/L	100
22) 2-Butanone	7.171	43	134482	49.154	ug/L	100
23) Bromochloromethane	7.519	128	104959	26.296	ug/L	100
25) Chloroform	7.677	83	437158	26.922	ug/L	100
27) 1,2-Dichloroethane	8.403	62	269247	26.351	ug/L	100
29) Cyclohexane	7.957	56	467713	27.491	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	357222	27.042	ug/L	100
31) Carbon tetrachloride	8.073	117	306283	27.379	ug/L	100
33) Benzene	8.323	78	1018907	26.666	ug/L	100
34) Trichloroethene	9.091	95	260923	26.942	ug/L	100
35) Methylcyclohexane	9.335	83	494540	27.857	ug/L	100
37) 1,2-Dichloropropane	9.366	63	253618	26.887	ug/L	100
38) Bromodichloromethane	9.646	83	309074	26.637	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	401153	26.893	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	290683	52.062	ug/L	100
42) Toluene	10.390	91	1062949	26.939	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	343943	26.894	ug/L	100

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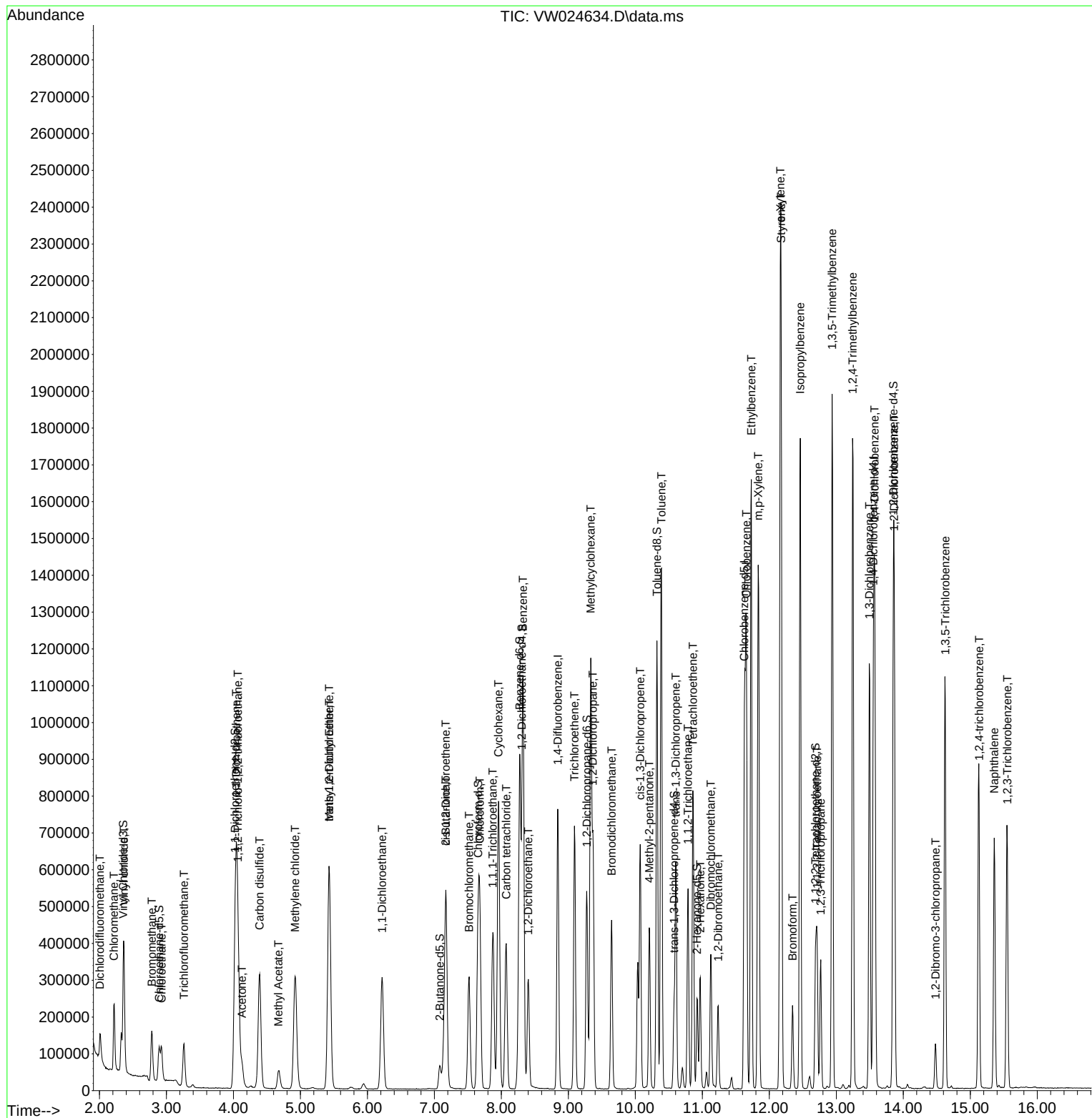
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	171159	26.565	ug/L	100
46) Tetrachloroethene	10.859	164	182760	27.775	ug/L	100
48) 2-Hexanone	10.969	43	196658	52.088	ug/L	100
49) Dibromochloromethane	11.128	129	193036	26.606	ug/L	100
50) 1,2-Dibromoethane	11.237	107	160588	26.332	ug/L	100
51) Chlorobenzene	11.658	112	656646	27.180	ug/L	100
52) Ethylbenzene	11.731	91	1181666	27.189	ug/L	100
53) m,p-Xylene	11.835	106	460847	27.154	ug/L	100
54) o-Xylene	12.164	106	435331	27.163	ug/L	100
55) Styrene	12.176	104	738537	27.335	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	197615	26.195	ug/L	100
59) Bromoform	12.347	173	99478	26.640	ug/L	100
60) Isopropylbenzene	12.463	105	1155298	26.832	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	147536	25.926	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	1022155	27.314	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	1000863	27.300	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	461455	26.381	ug/L	100
65) 1,4-Dichlorobenzene	13.572	146	466819	27.415	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	406646	26.690	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	34390	25.555	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	318535	27.426	ug/L	100
70) 1,2,4-trichlorobenzene	15.133	180	261327	26.783	ug/L	100
71) Naphthalene	15.359	128	560344	26.375	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	217955	26.247	ug/L	100

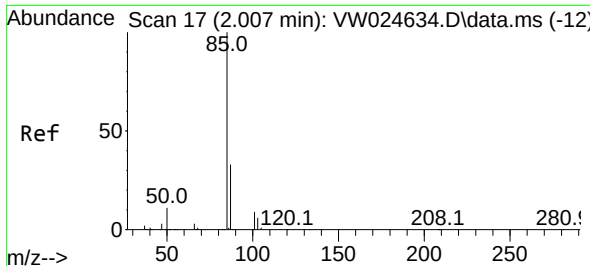
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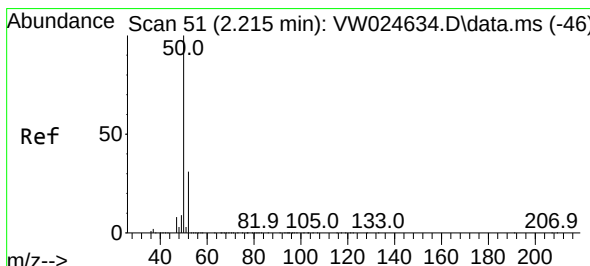
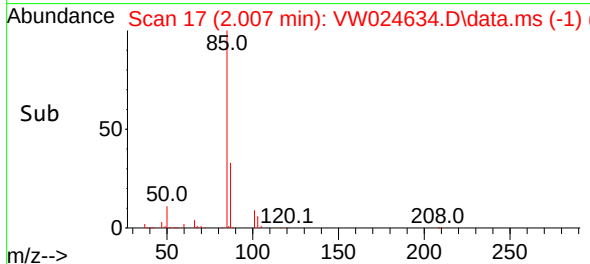
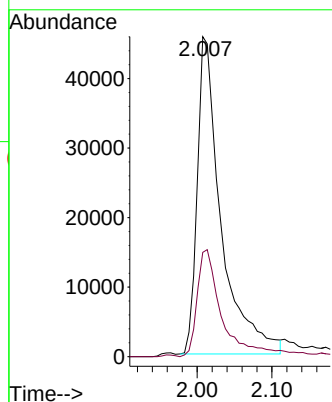
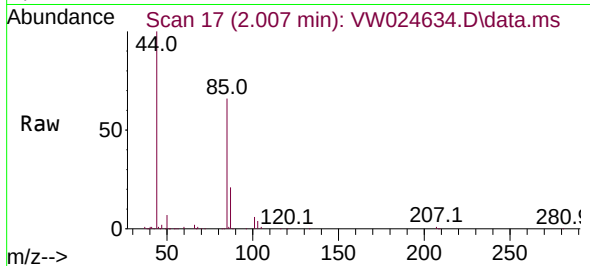




#2
 Dichlorodifluoromethane
 Concen: 27.386 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024634.D
 Acq: 26 Sep 2022 10:43

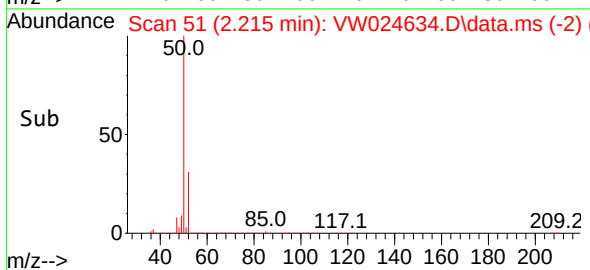
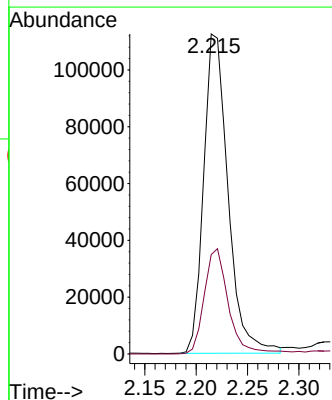
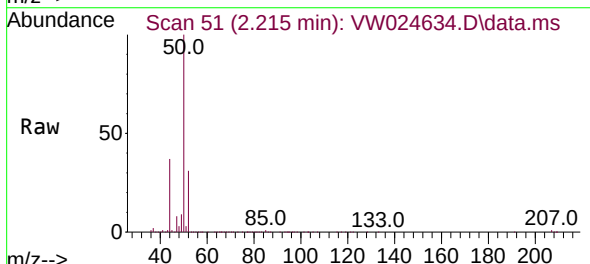
Instrument :
 MSVOA_W
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 VSTD025449

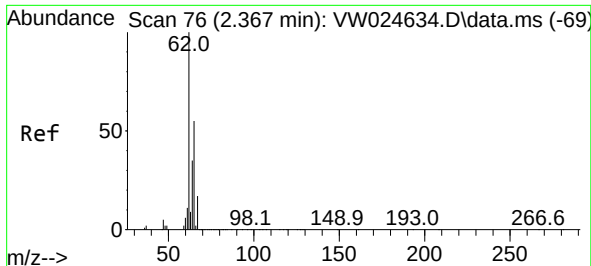
Tgt Ion: 85 Resp: 101208
 Ion Ratio Lower Upper
 85 100
 87 36.0 28.8 43.2



#3
 Chloromethane
 Concen: 24.991 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024634.D
 Acq: 26 Sep 2022 10:43

Tgt Ion: 50 Resp: 186056
 Ion Ratio Lower Upper
 50 100
 52 31.0 21.7 40.3

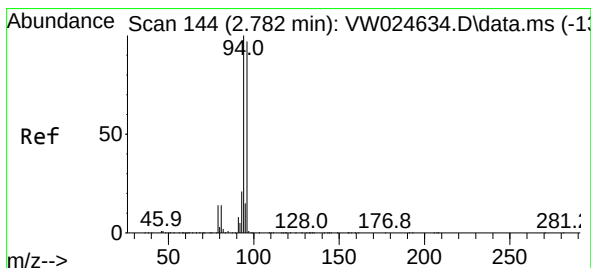
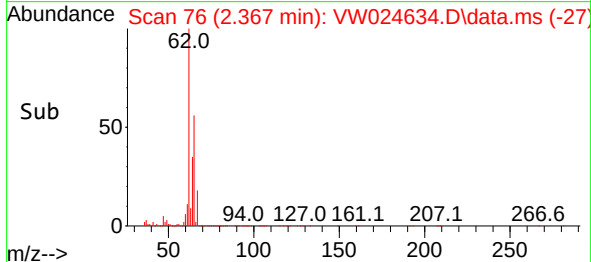
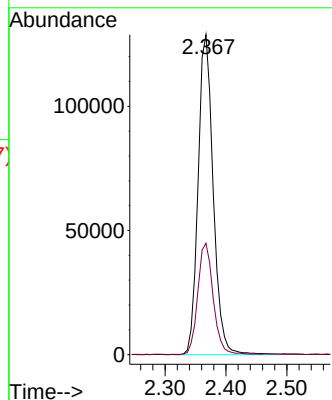
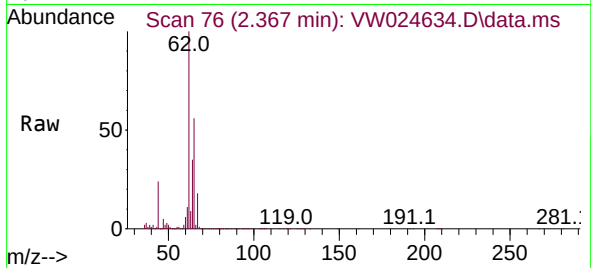




#5
 Vinyl chloride
 Concen: 29.003 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW024634.D
 Acq: 26 Sep 2022 10:43

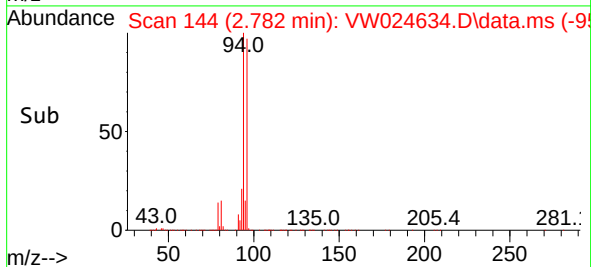
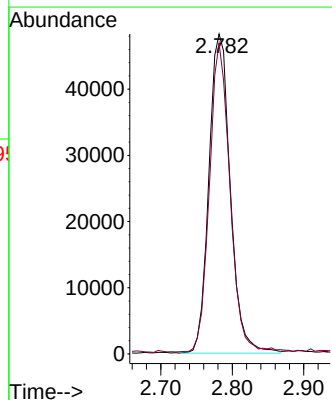
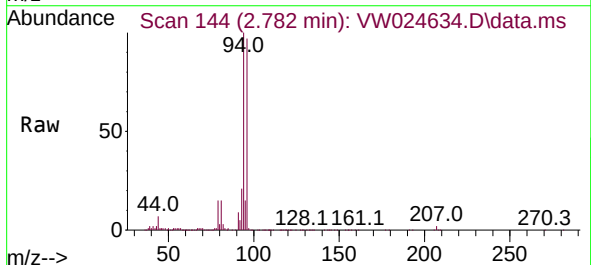
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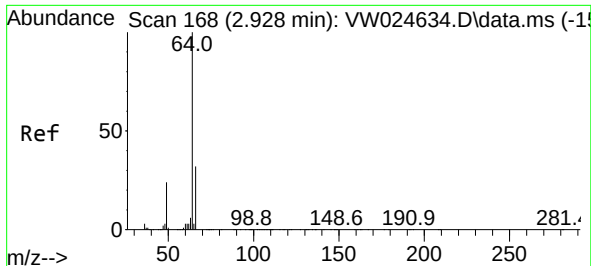
Tgt Ion: 62 Resp: 222009
 Ion Ratio Lower Upper
 62 100
 64 34.8 24.4 45.2



#6
 Bromomethane
 Concen: 28.390 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024634.D
 Acq: 26 Sep 2022 10:43

Tgt Ion: 94 Resp: 100295
 Ion Ratio Lower Upper
 94 100
 96 97.1 68.0 126.2

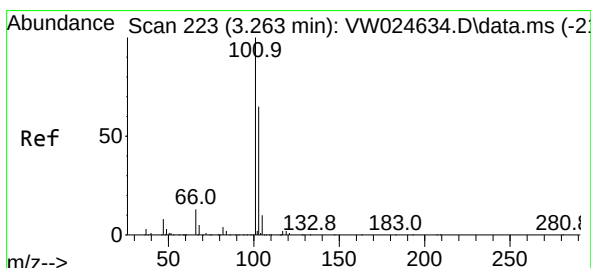
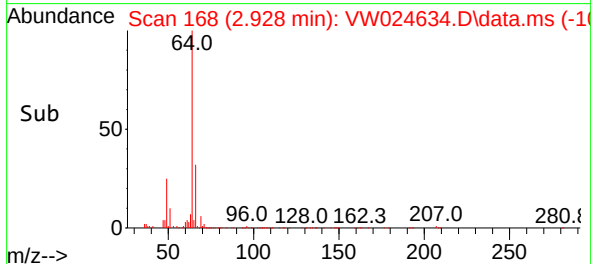
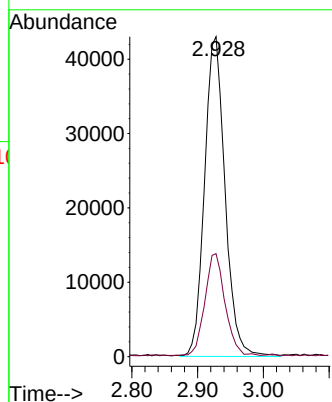
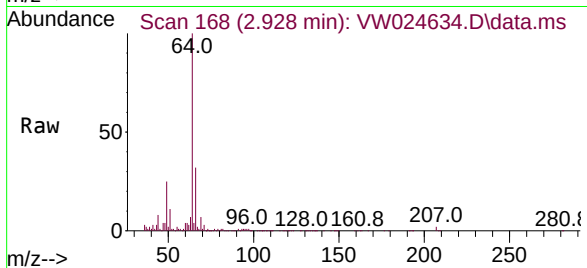




#8
Chloroethane
Concen: 28.907 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

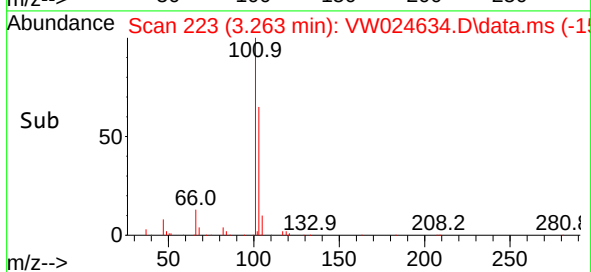
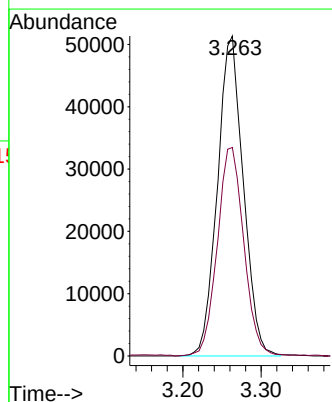
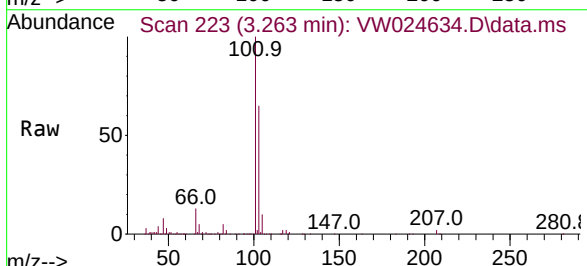
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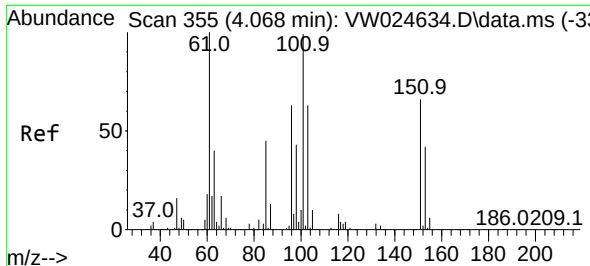
Tgt Ion: 64 Resp: 93291
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 27.516 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

Tgt Ion: 101 Resp: 117833
Ion Ratio Lower Upper
101 100
103 66.8 53.4 80.2

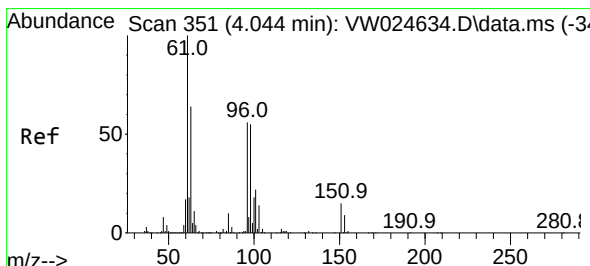
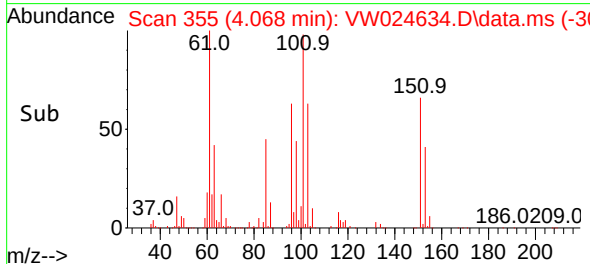
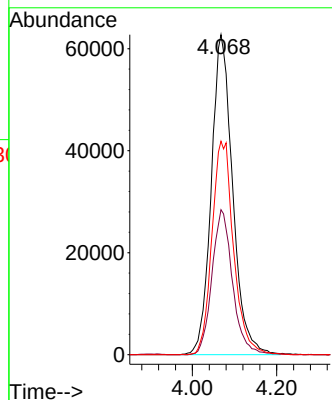
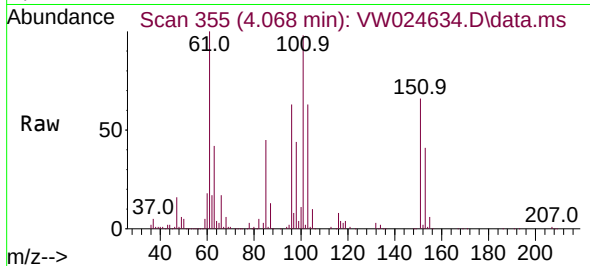




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.048 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW024634.D
 Acq: 26 Sep 2022 10:43

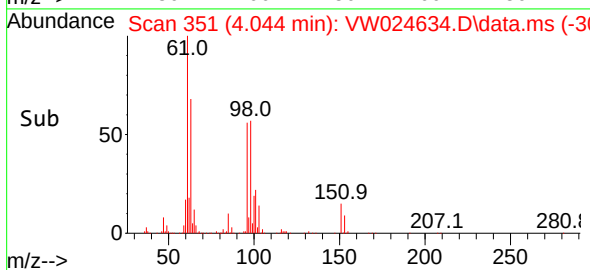
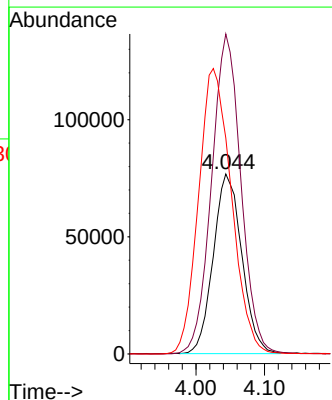
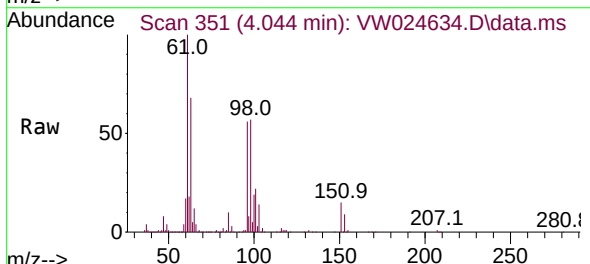
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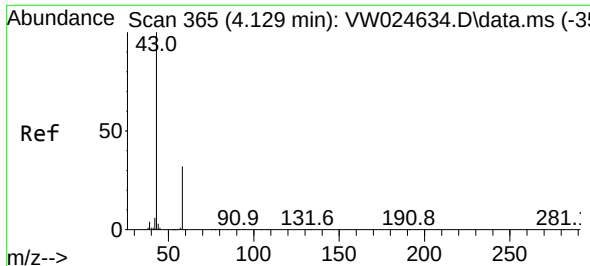
Tgt Ion: 101 Resp: 220923
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.9 52.3
 151 38.6 30.9 46.3



#12
 1,1-Dichloroethene
 Concen: 27.073 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024634.D
 Acq: 26 Sep 2022 10:43

Tgt Ion: 96 Resp: 221643
 Ion Ratio Lower Upper
 96 100
 61 177.8 124.5 231.1
 63 120.1 84.1 156.1

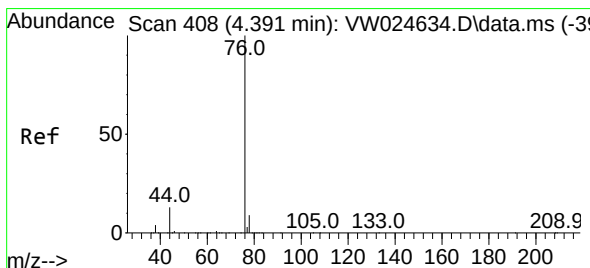
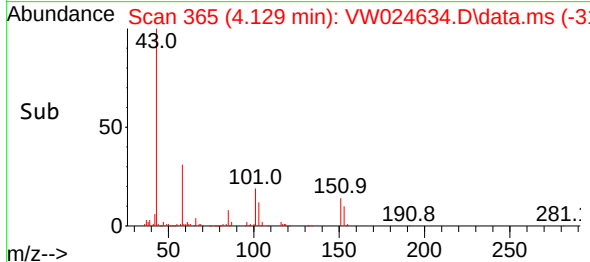
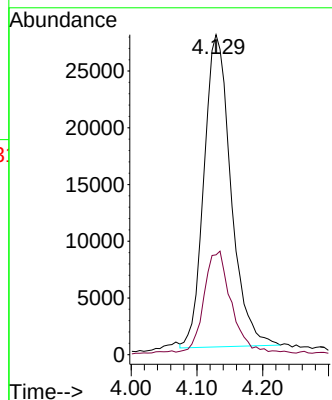
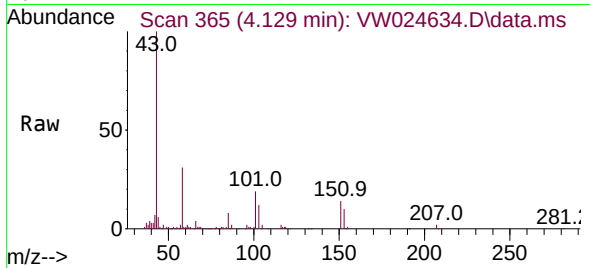




#13
Acetone
Concen: 45.786 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW024634.D
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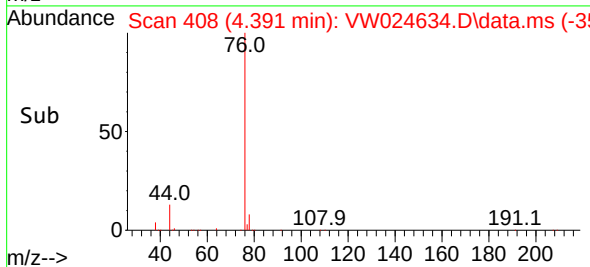
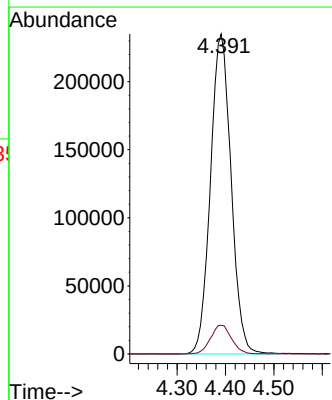
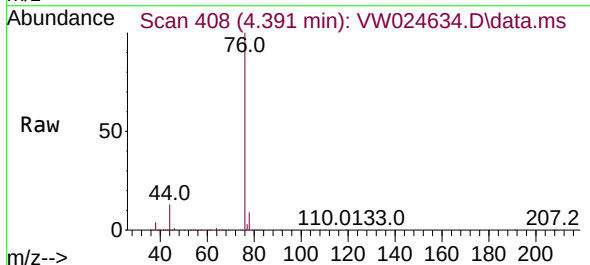
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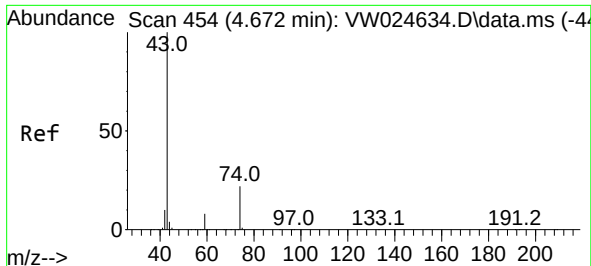
Tgt Ion: 43 Resp: 78470
Ion Ratio Lower Upper
43 100
58 33.8 0.0 67.6



#14
Carbon disulfide
Concen: 27.052 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

Tgt Ion: 76 Resp: 695670
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

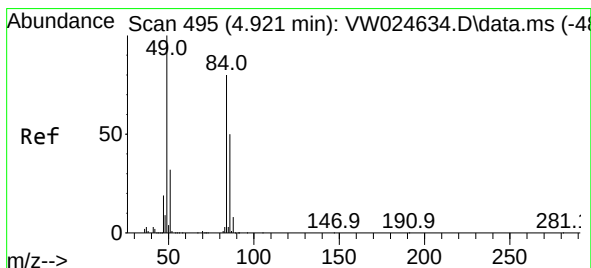
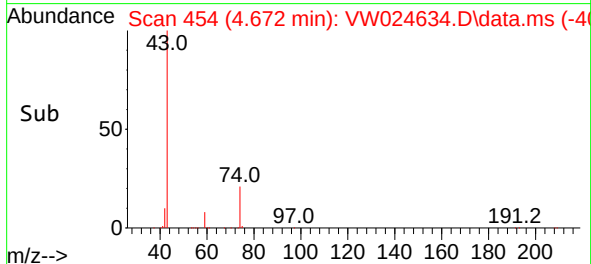
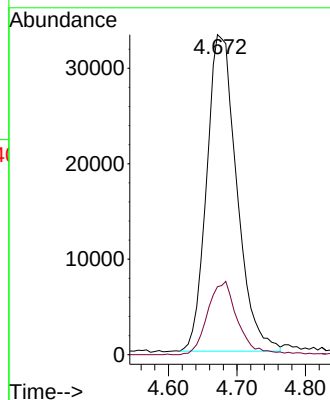
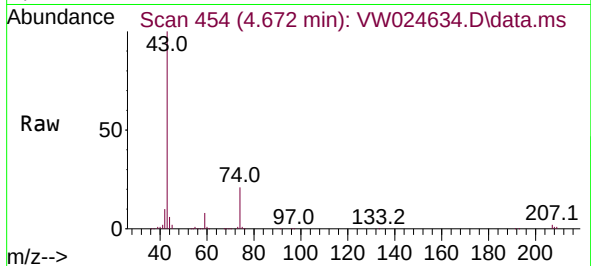




#15
Methyl Acetate
Concen: 26.359 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

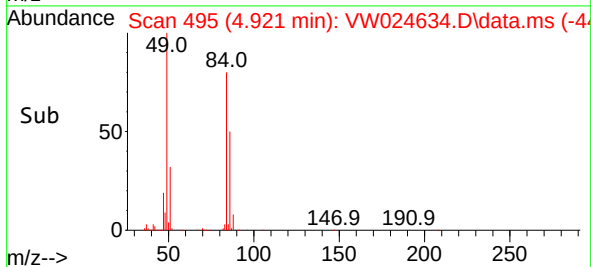
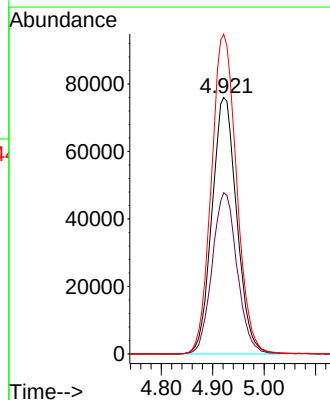
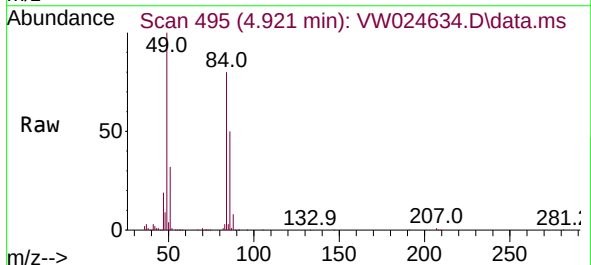
Instrument :
MSVOA_W
ClientSampleId :
VSTD025449

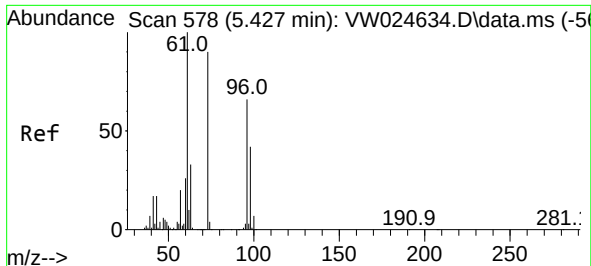
Tgt Ion: 43 Resp: 101376
Ion Ratio Lower Upper
43 100
74 22.6 18.1 27.1



#16
Methylene chloride
Concen: 20.816 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

Tgt Ion: 84 Resp: 254566
Ion Ratio Lower Upper
84 100
86 62.9 44.0 81.8
49 124.8 87.4 162.2

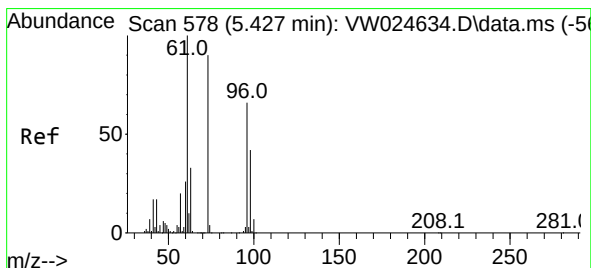
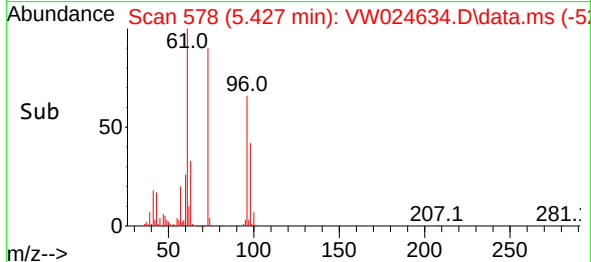
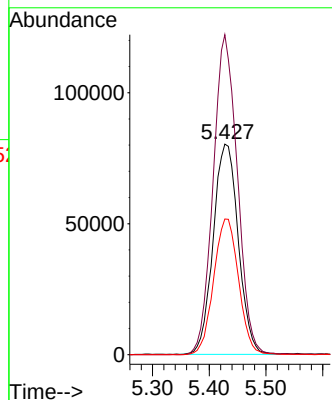
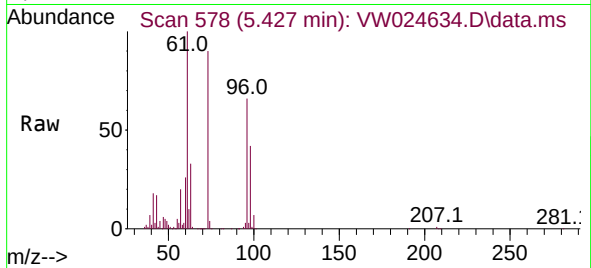




#17
trans-1,2-Dichloroethene
Concen: 27.092 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

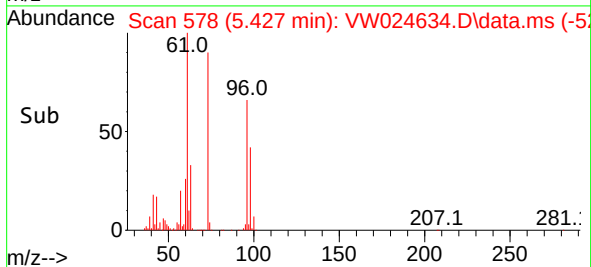
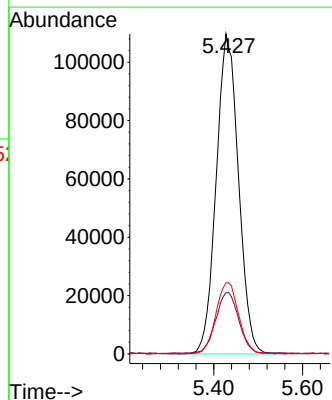
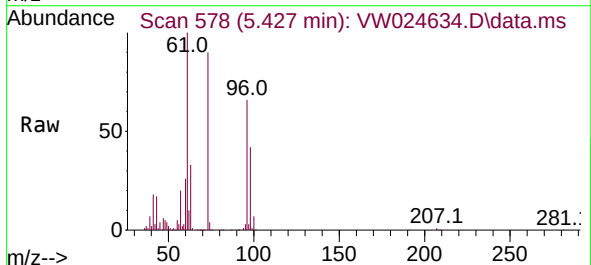
Instrument :
MSVOA_W
ClientSampleId :
VSTD025449

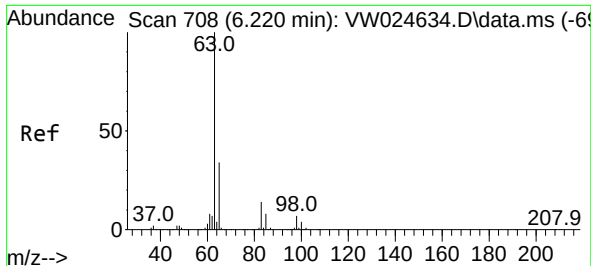
Tgt Ion: 96 Resp: 247585
Ion Ratio Lower Upper
96 100
61 151.9 106.3 197.5
98 64.5 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 26.280 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

Tgt Ion: 73 Resp: 381050
Ion Ratio Lower Upper
73 100
43 19.5 15.6 23.4
57 22.9 18.3 27.5

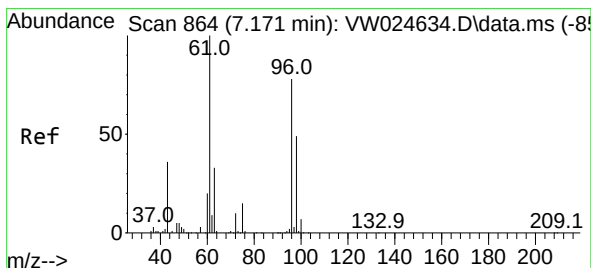
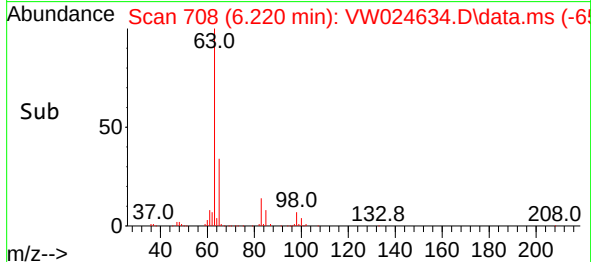
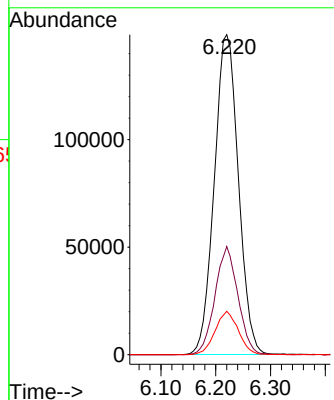
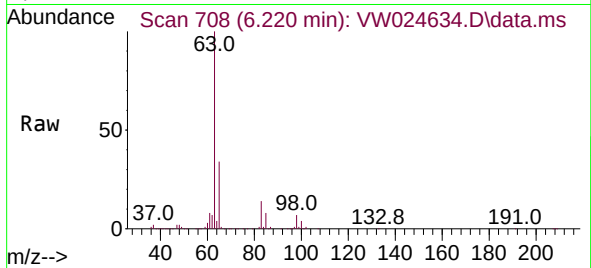




#19
1,1-Dichloroethane
Concen: 26.551 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

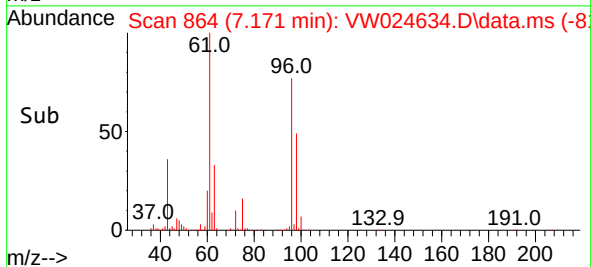
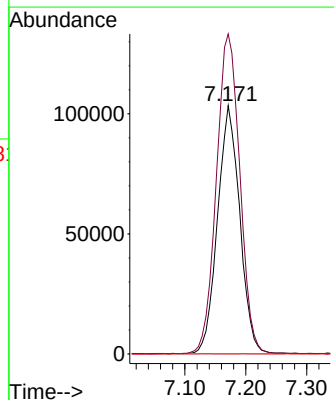
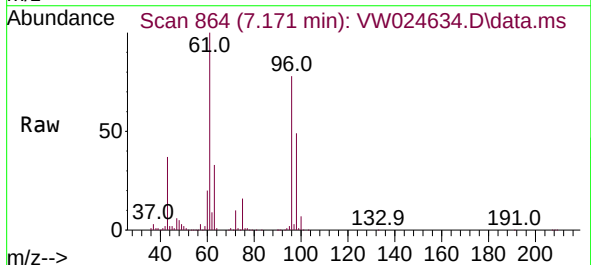
Instrument :
MSVOA_W
ClientSampleId :
VSTD025449

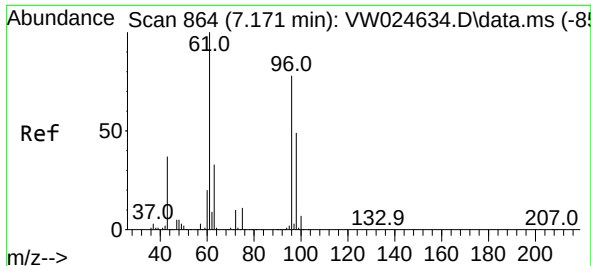
Tgt Ion: 63 Resp: 454663
Ion Ratio Lower Upper
63 100
65 33.8 23.7 43.9
83 13.5 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 26.647 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

Tgt Ion: 96 Resp: 261633
Ion Ratio Lower Upper
96 100
61 128.8 90.2 167.4
68 0.0 0.0 0.0

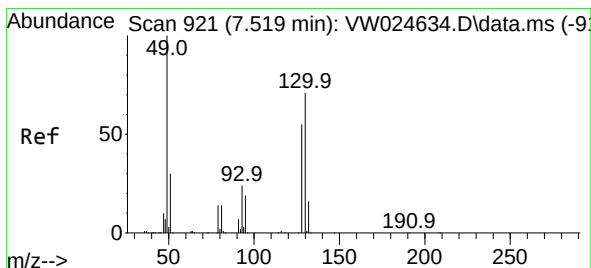
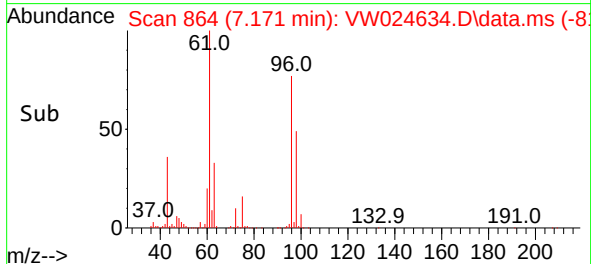
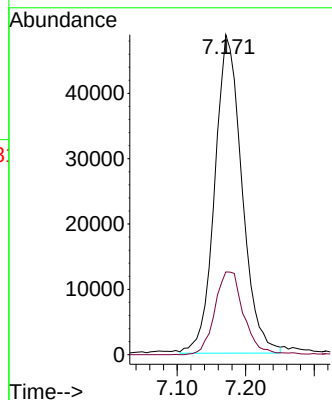
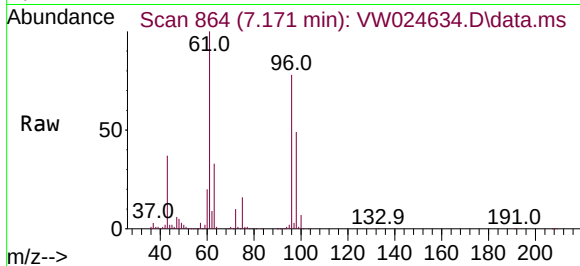




#22
2-Butanone
Concen: 49.154 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

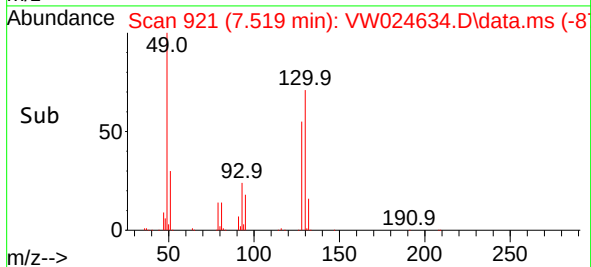
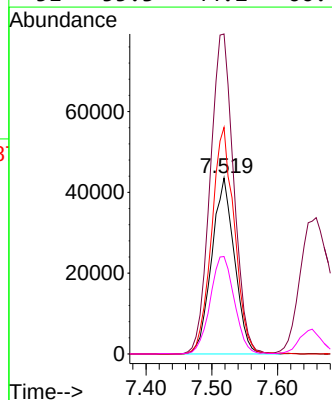
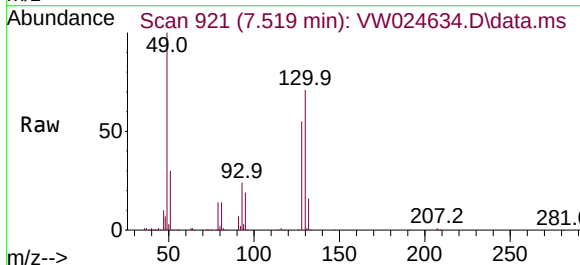
Instrument :
MSVOA_W
ClientSampleId :
VSTD025449

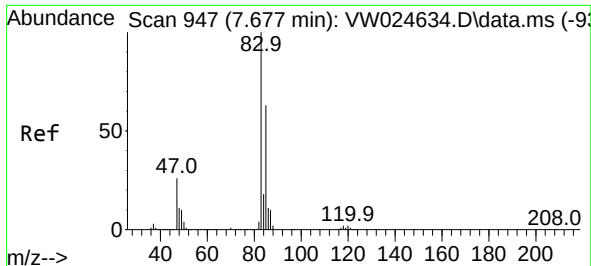
Tgt Ion: 43 Resp: 134482
Ion Ratio Lower Upper
43 100
72 27.4 13.8 41.3



#23
Bromochloromethane
Concen: 26.296 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

Tgt Ion: 128 Resp: 104959
Ion Ratio Lower Upper
128 100
49 181.8 127.3 236.3
130 128.8 90.2 167.4
51 55.3 44.2 66.4

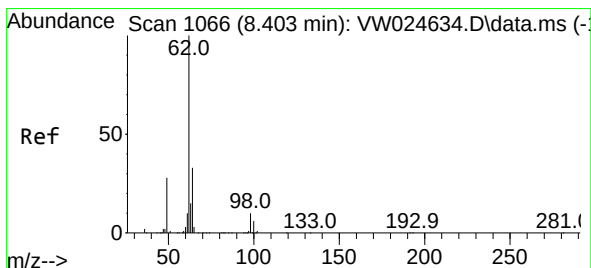
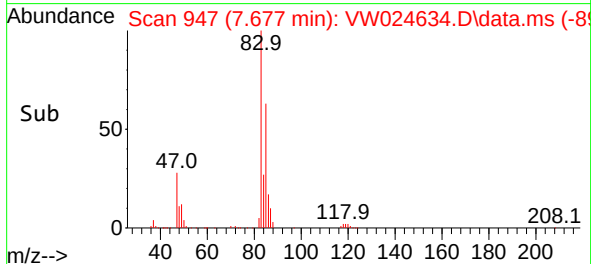
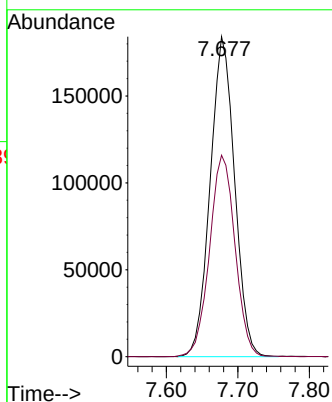
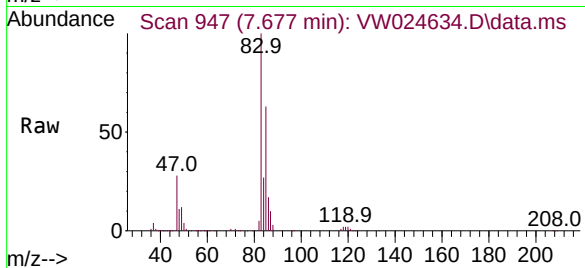




#25
Chloroform
Concen: 26.922 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

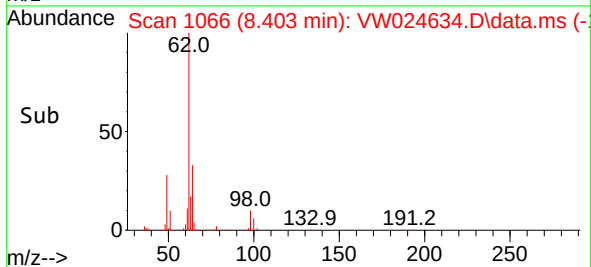
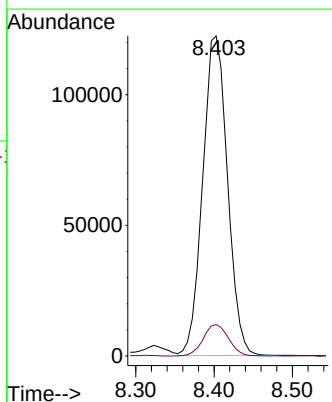
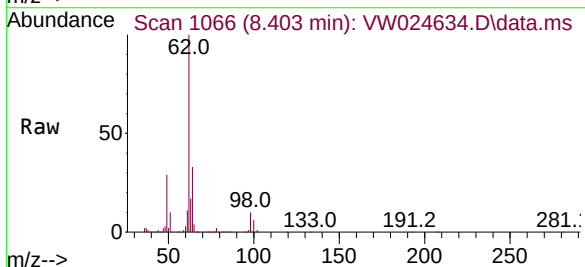
Instrument :
MSVOA_W
ClientSampleId :
VSTD025449

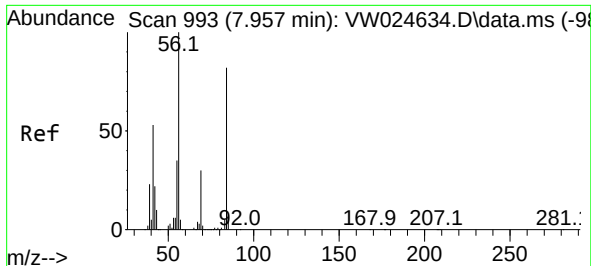
Tgt Ion: 83 Resp: 437158
Ion Ratio Lower Upper
83 100
85 62.9 44.0 81.8



#27
1,2-Dichloroethane
Concen: 26.351 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

Tgt Ion: 62 Resp: 269247
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8





#29

Cyclohexane

Concen: 27.491 ug/L

RT: 7.957 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025449

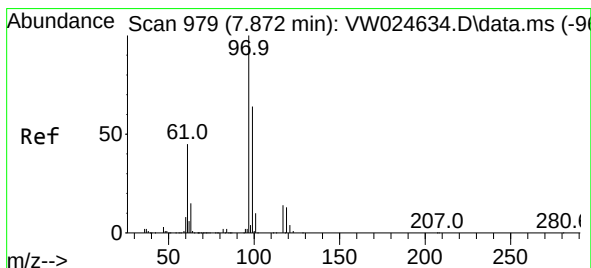
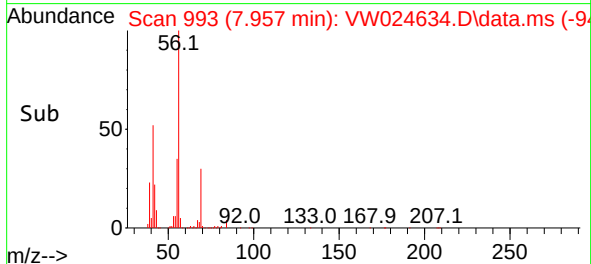
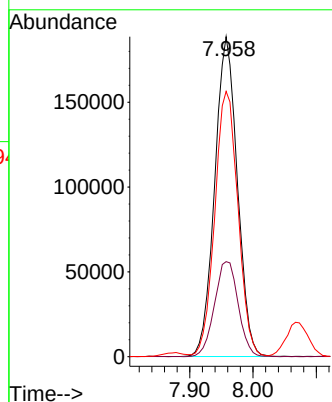
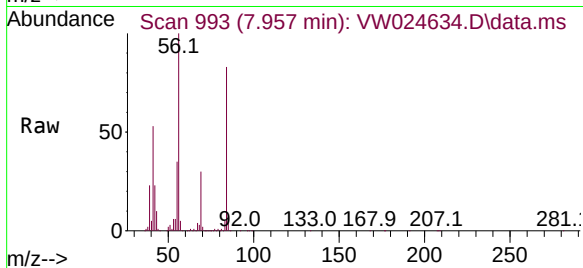
Tgt Ion: 56 Resp: 467713

Ion Ratio Lower Upper

56 100

69 31.2 25.0 37.4

84 85.1 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 27.042 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

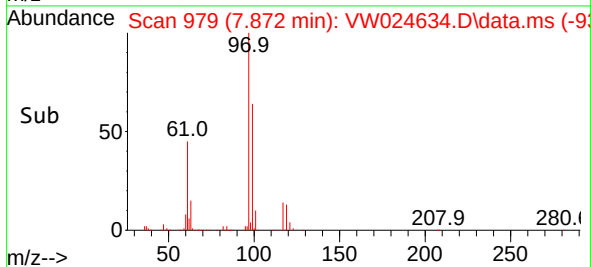
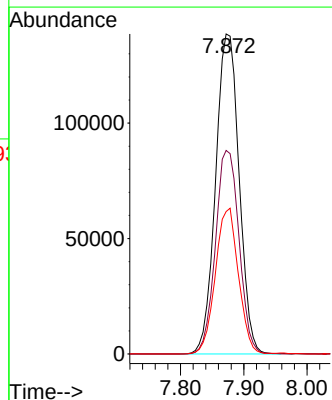
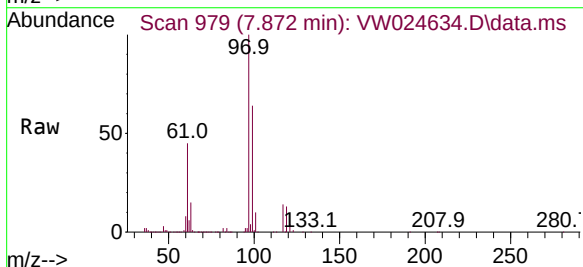
Tgt Ion: 97 Resp: 357222

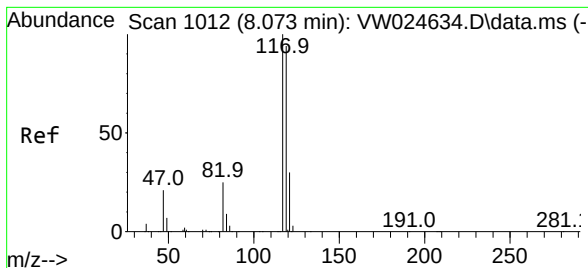
Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 44.7 35.8 53.6

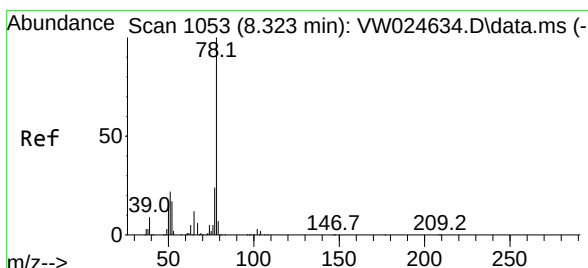
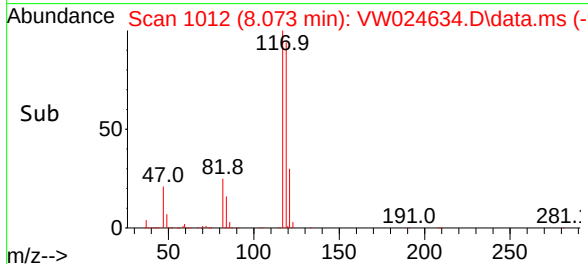
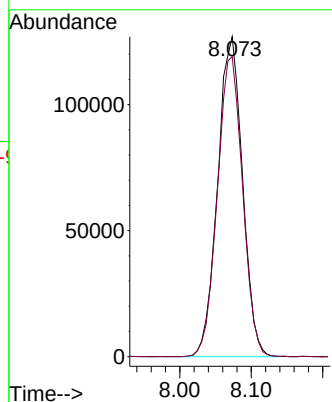
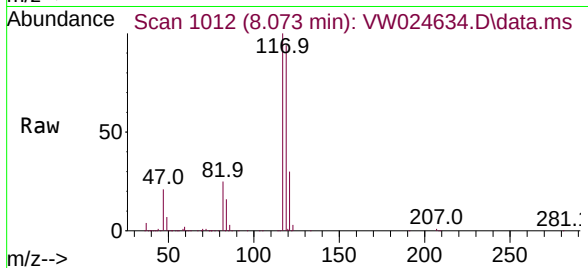




#31
Carbon tetrachloride
Concen: 27.379 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

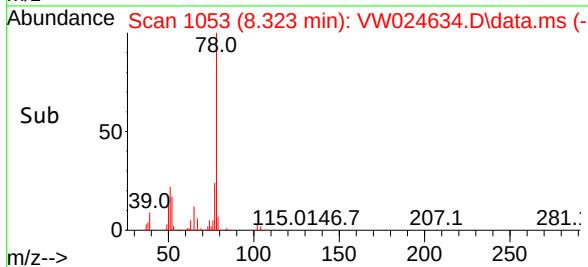
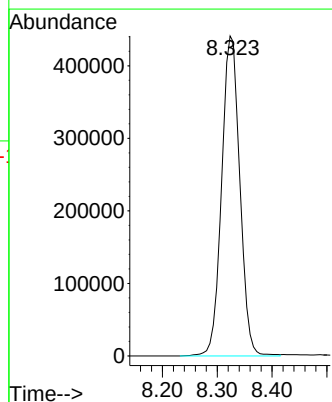
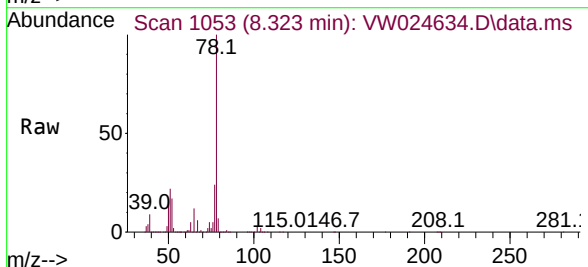
Instrument :
MSVOA_W
ClientSampleId :
VSTD025449

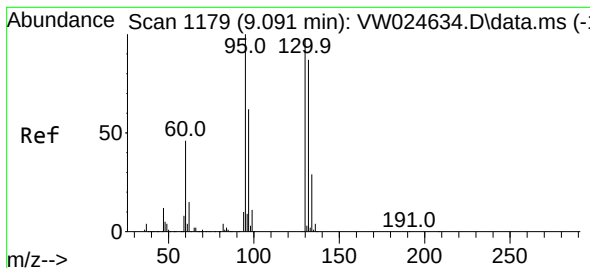
Tgt Ion:117 Resp: 306283
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2



#33
Benzene
Concen: 26.666 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

Tgt Ion: 78 Resp: 1018907





#34

Trichloroethene

Concen: 26.942 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025449

Tgt Ion: 95 Resp: 260923

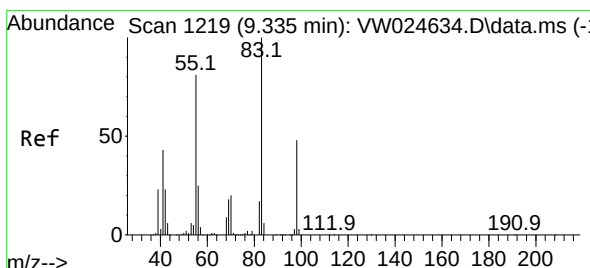
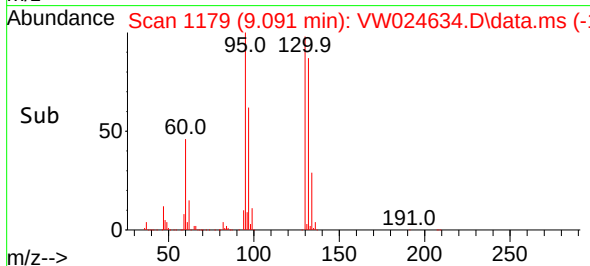
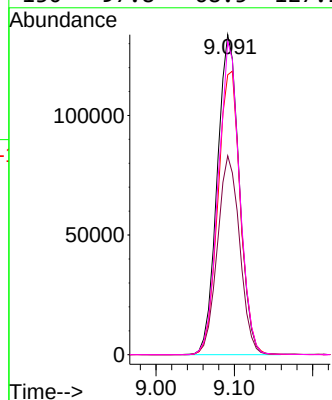
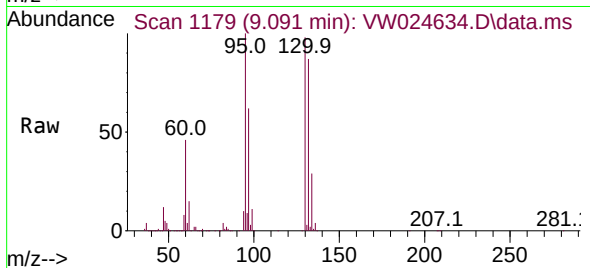
Ion Ratio Lower Upper

95 100

97 62.2 43.5 80.9

132 87.5 61.2 113.8

130 97.8 68.5 127.1



#35

Methylcyclohexane

Concen: 27.857 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

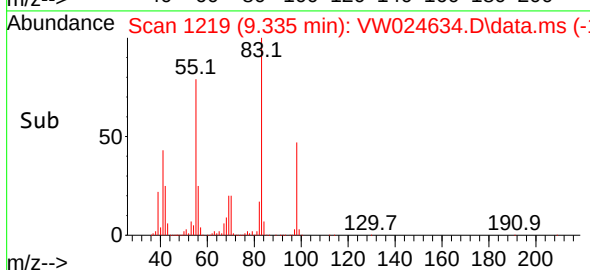
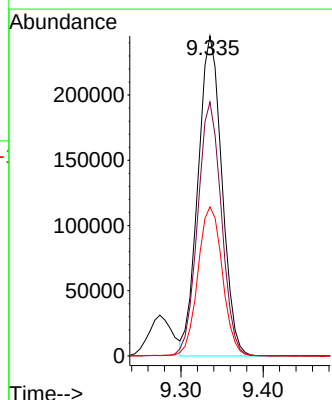
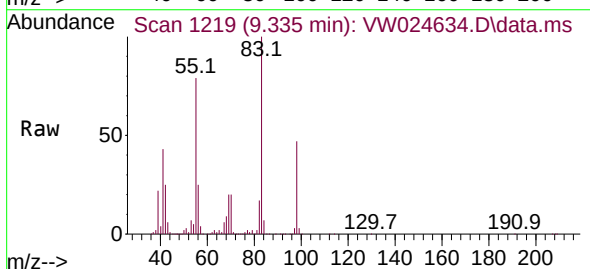
Tgt Ion: 83 Resp: 494540

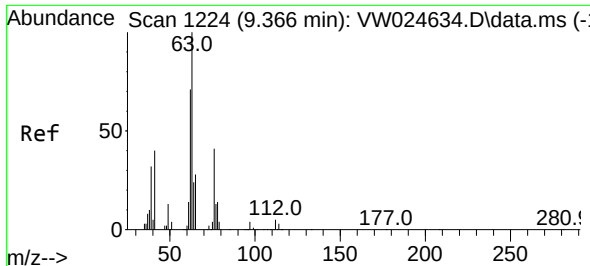
Ion Ratio Lower Upper

83 100

55 78.9 63.1 94.7

98 47.9 38.3 57.5





#37

1,2-Dichloropropane

Concen: 26.887 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

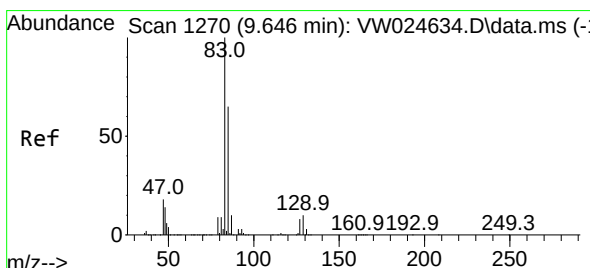
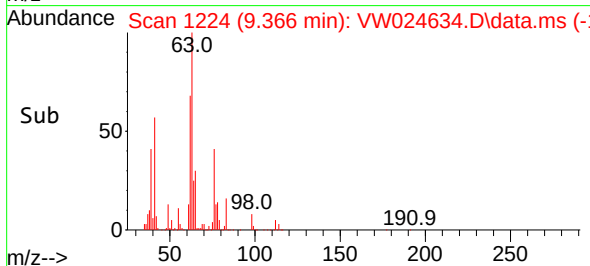
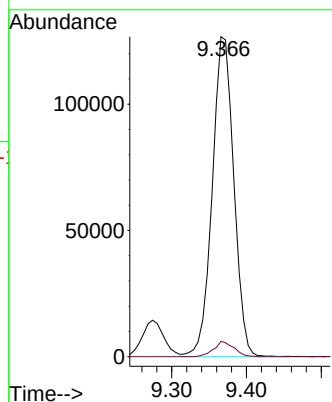
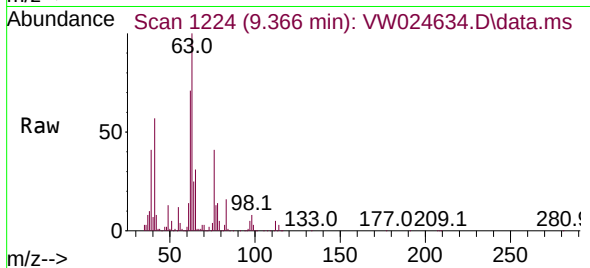
VSTD025449

Tgt Ion: 63 Resp: 253618

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 26.637 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

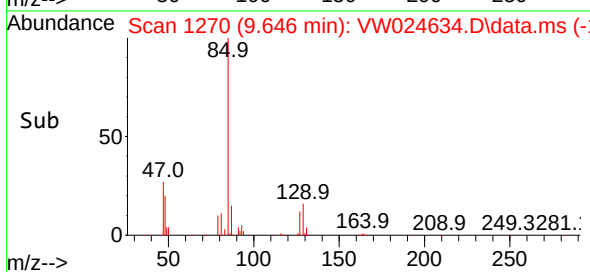
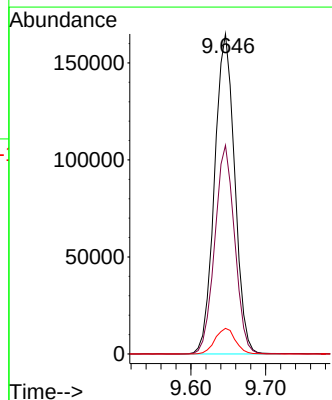
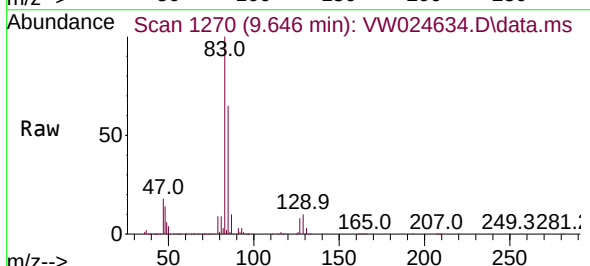
Tgt Ion: 83 Resp: 309074

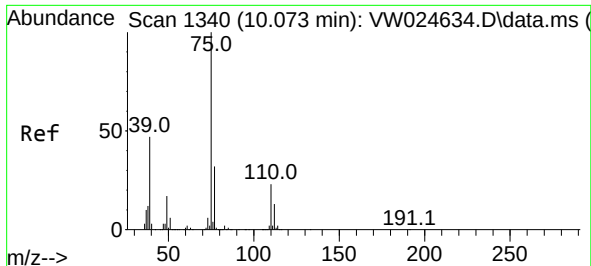
Ion Ratio Lower Upper

83 100

85 65.2 45.6 84.8

127 8.0 6.4 9.6

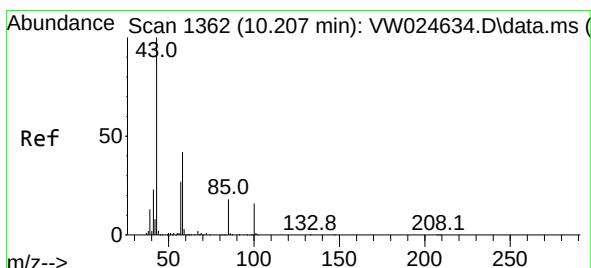
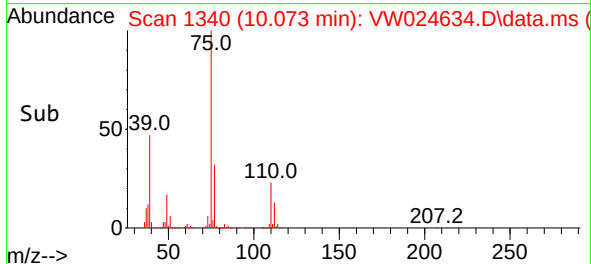
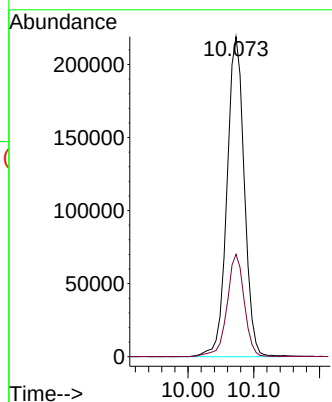
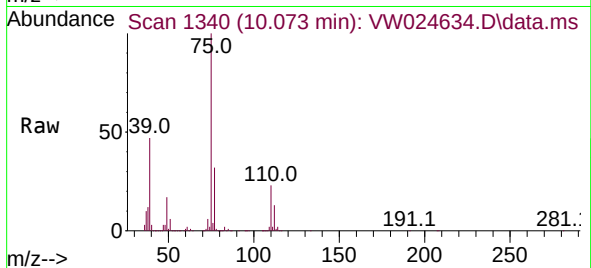




#39
 cis-1,3-Dichloropropene
 Concen: 26.893 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW024634.D
 Acq: 26 Sep 2022 10:43

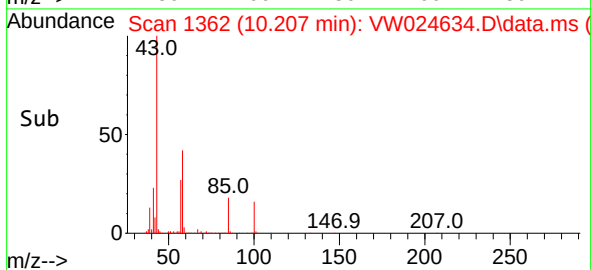
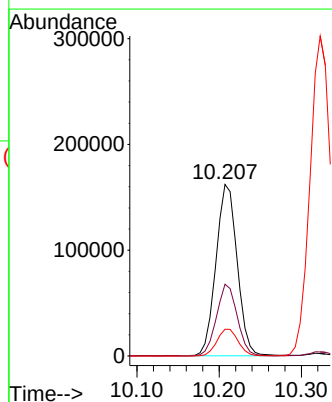
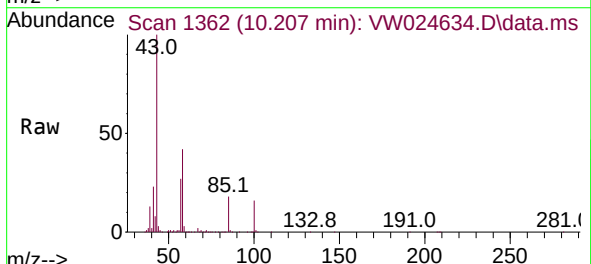
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025449

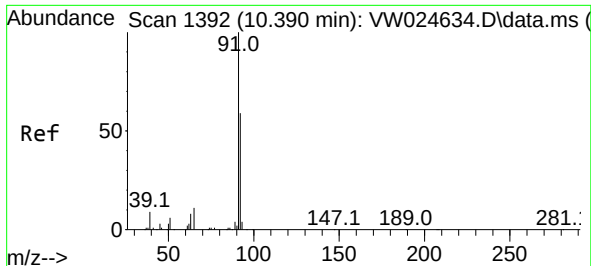
Tgt Ion: 75 Resp: 401153
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 52.062 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW024634.D
 Acq: 26 Sep 2022 10:43

Tgt Ion: 43 Resp: 290683
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.9 49.3
 100 15.8 12.6 19.0

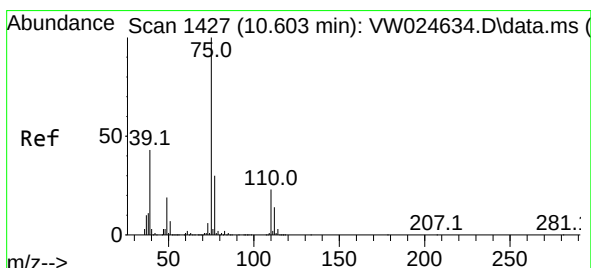
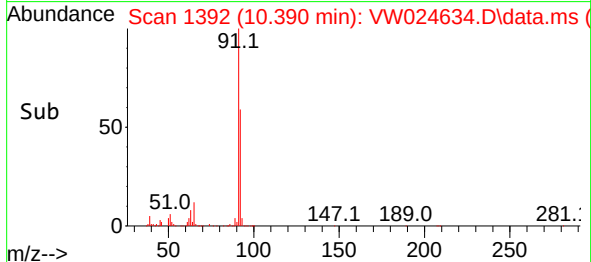
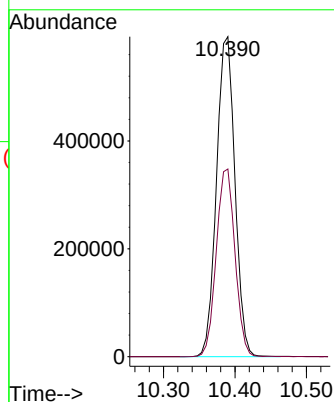
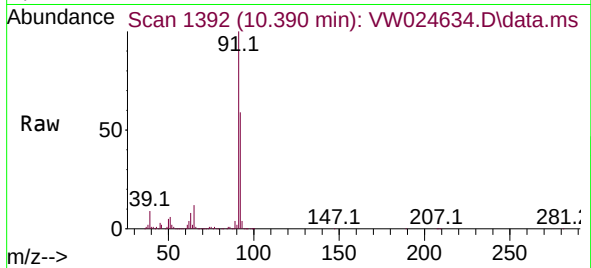




#42
Toluene
Concen: 26.939 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

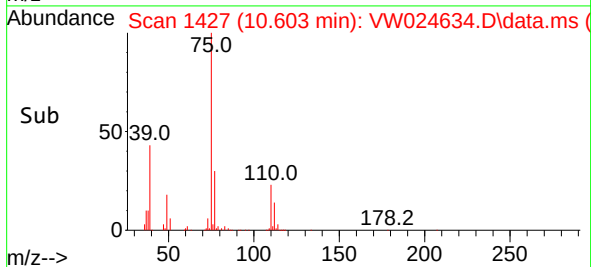
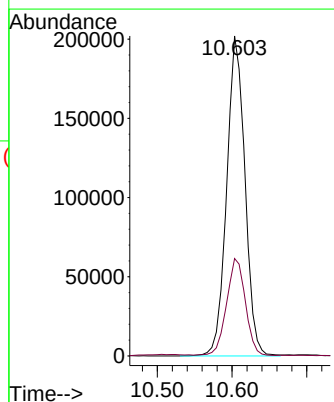
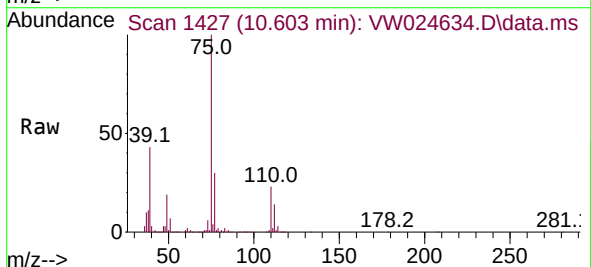
Instrument :
MSVOA_W
ClientSampleId :
VSTD025449

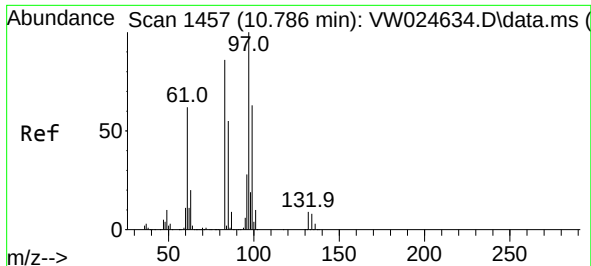
Tgt Ion: 91 Resp: 1062949
Ion Ratio Lower Upper
91 100
92 58.6 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 26.894 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

Tgt Ion: 75 Resp: 343943
Ion Ratio Lower Upper
75 100
77 30.5 21.3 39.6



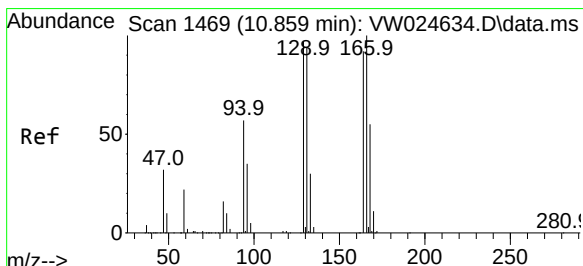
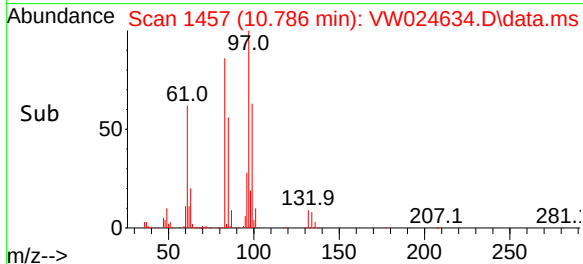
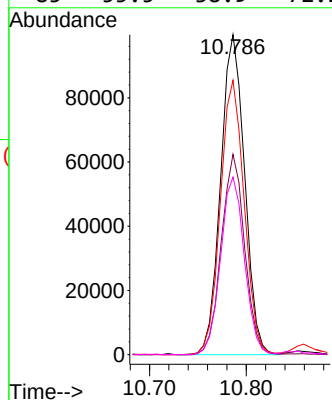
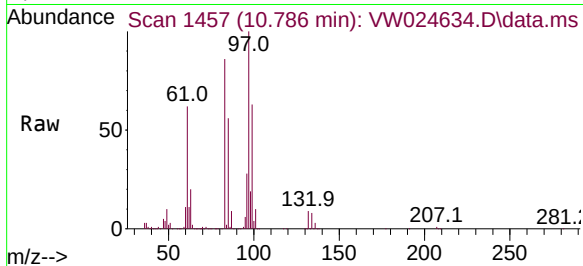


#45
1,1,2-Trichloroethane
Concen: 26.565 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025449

Tgt Ion: 97 Resp: 171159

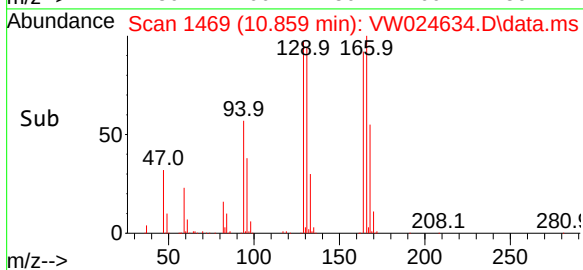
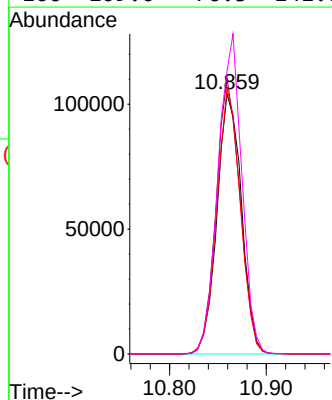
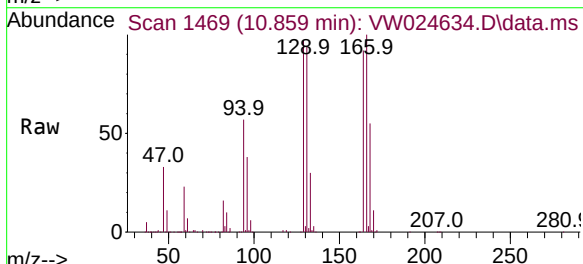
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.4
83	85.8	60.1	111.5
85	55.5	38.9	72.2

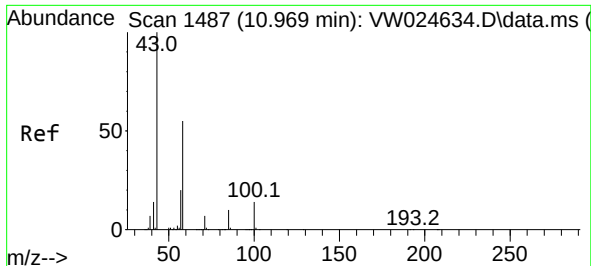


#46
Tetrachloroethene
Concen: 27.775 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

Tgt Ion: 164 Resp: 182760

Ion	Ratio	Lower	Upper
164	100		
129	105.8	74.1	137.5
131	102.1	71.5	132.7
166	109.0	76.3	141.7

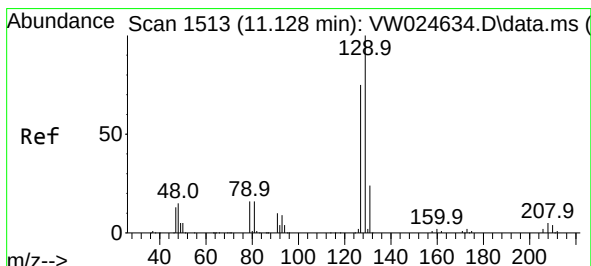
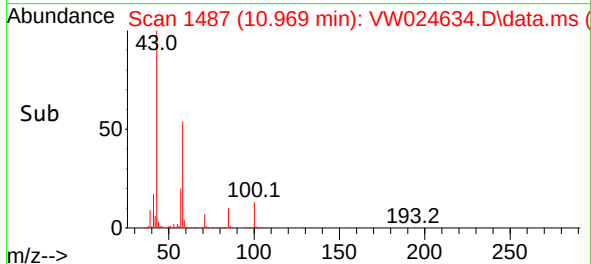
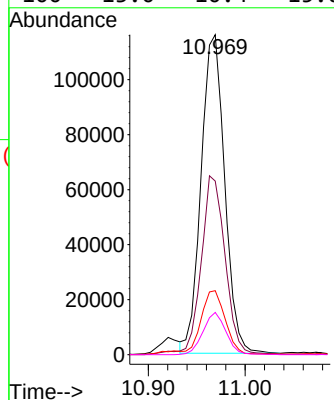
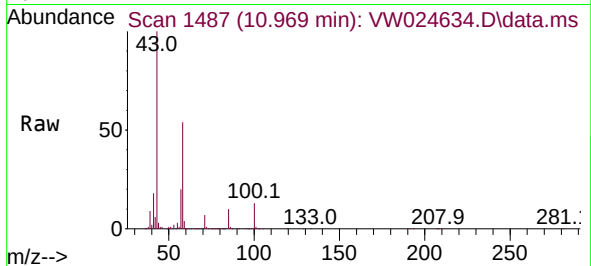




#48
2-Hexanone
Concen: 52.088 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

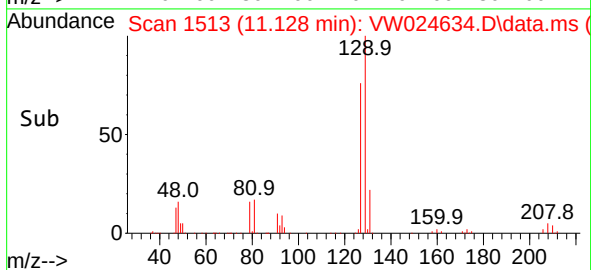
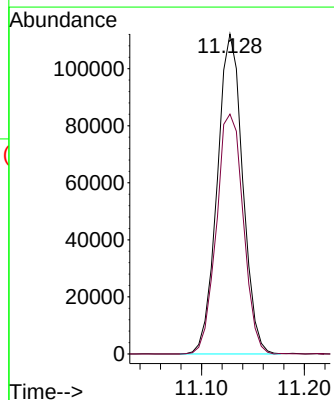
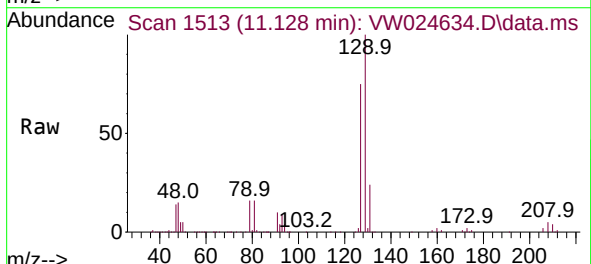
Instrument :
MSVOA_W
ClientSampleId :
VSTD025449

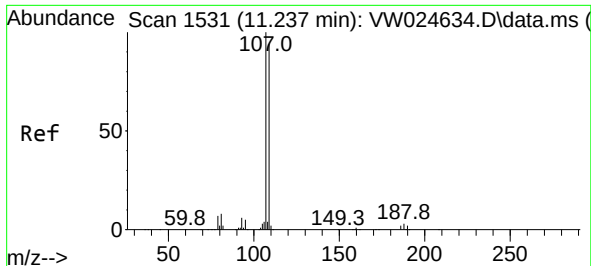
Tgt Ion:	43	Resp:	196658
Ion	Ratio	Lower	Upper
43	100		
58	56.6	45.3	67.9
57	20.4	16.3	24.5
100	13.0	10.4	15.6



#49
Dibromochloromethane
Concen: 26.606 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

Tgt Ion:	129	Resp:	193036
Ion	Ratio	Lower	Upper
129	100		
127	74.9	52.4	97.4





#50

1,2-Dibromoethane

Concen: 26.332 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025449

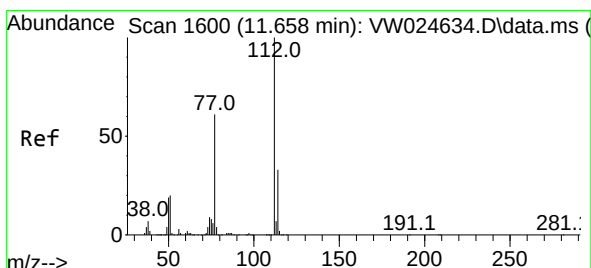
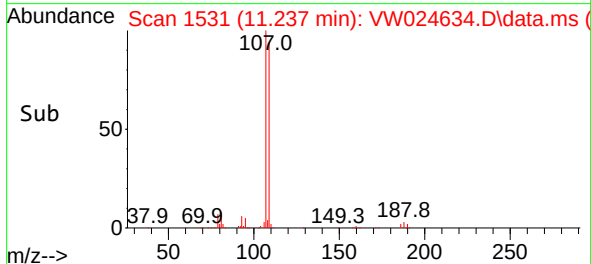
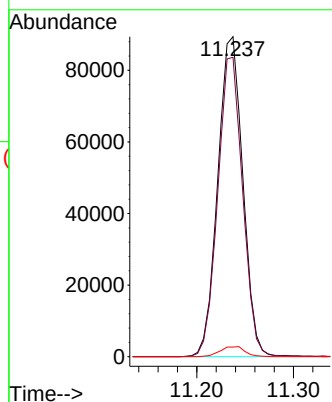
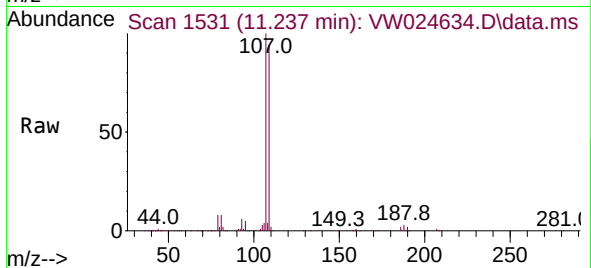
Tgt Ion:107 Resp: 160588

Ion Ratio Lower Upper

107 100

109 93.6 65.5 121.7

188 3.0 2.4 3.6



#51

Chlorobenzene

Concen: 27.180 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

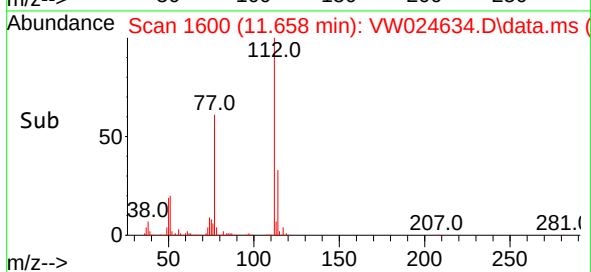
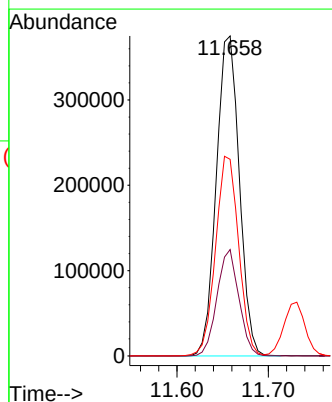
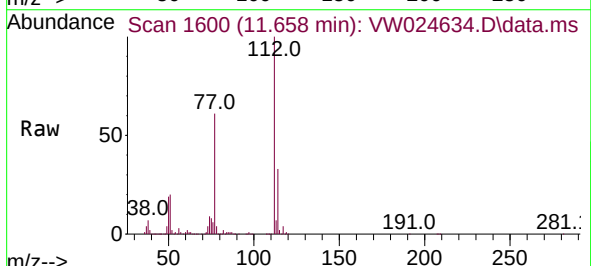
Tgt Ion:112 Resp: 656646

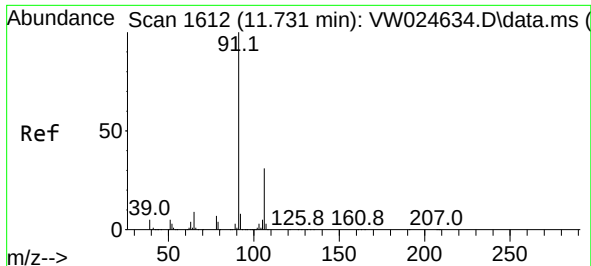
Ion Ratio Lower Upper

112 100

114 33.3 23.3 43.3

77 61.4 49.1 73.7

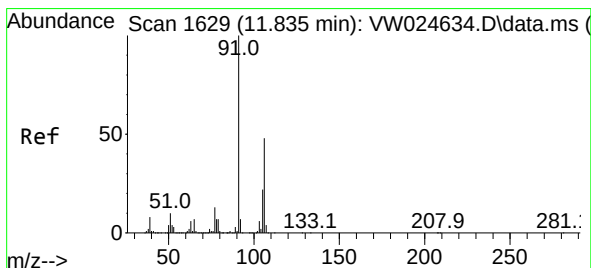
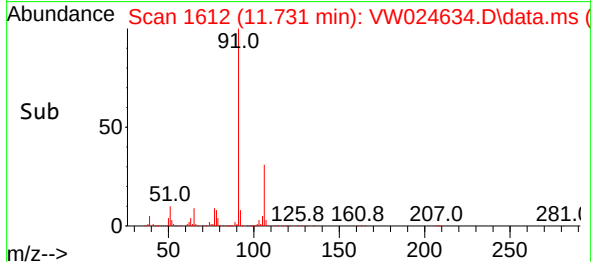
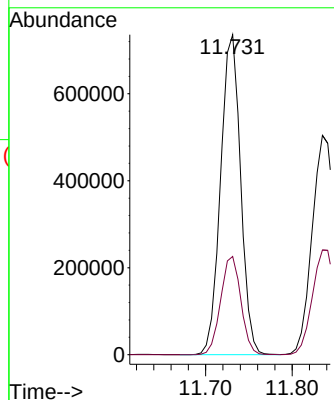
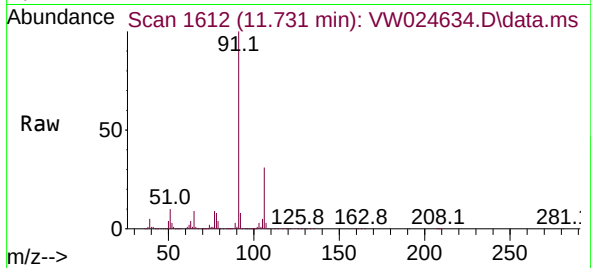




#52
Ethylbenzene
Concen: 27.189 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

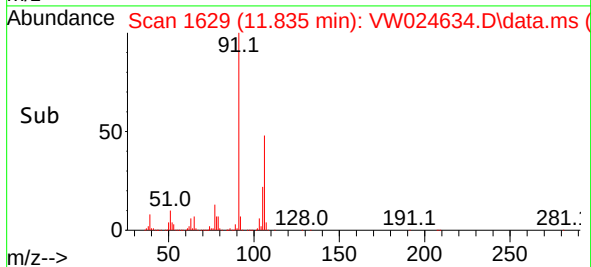
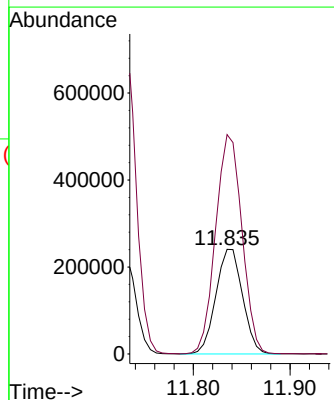
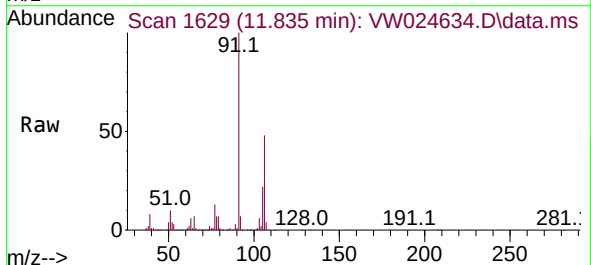
Instrument :
MSVOA_W
ClientSampleId :
VSTD025449

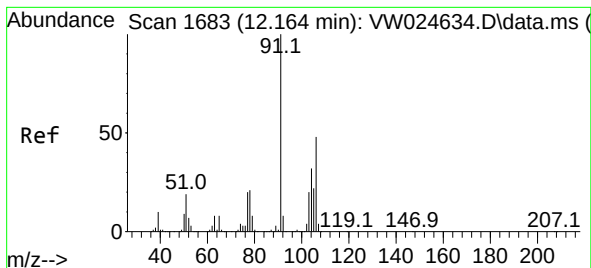
Tgt Ion: 91 Resp: 1181666
Ion Ratio Lower Upper
91 100
106 30.7 21.5 39.9



#53
m,p-Xylene
Concen: 27.154 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

Tgt Ion:106 Resp: 460847
Ion Ratio Lower Upper
106 100
91 209.7 146.8 272.6





#54

o-Xylene

Concen: 27.163 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

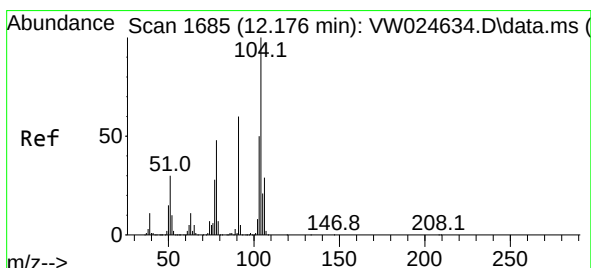
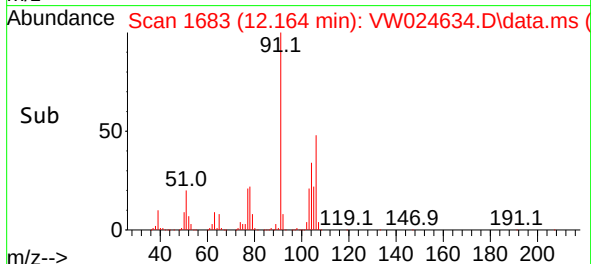
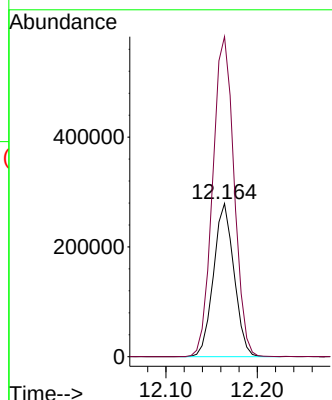
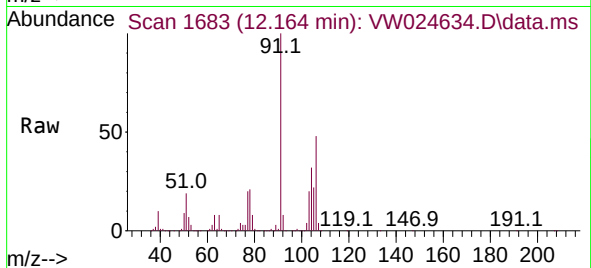
VSTD025449

Tgt Ion:106 Resp: 435331

Ion Ratio Lower Upper

106 100

91 209.0 146.3 271.7



#55

Styrene

Concen: 27.335 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024634.D

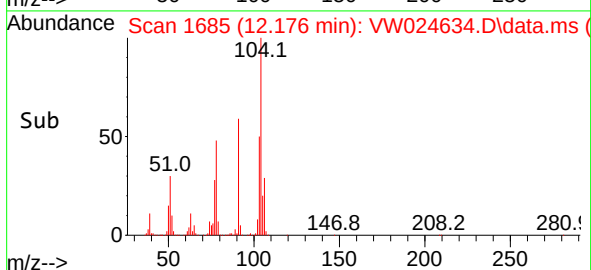
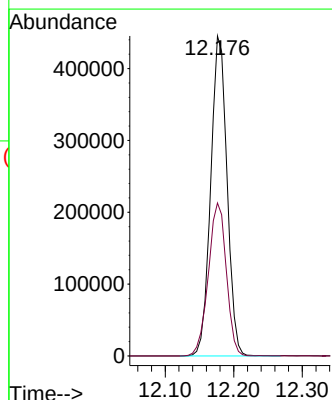
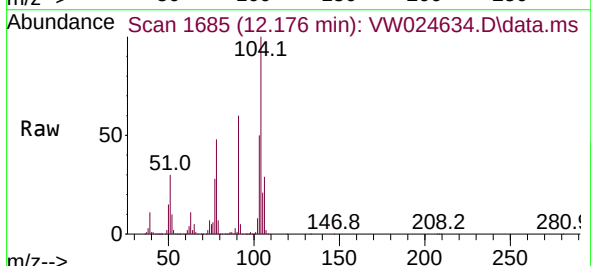
Acq: 26 Sep 2022 10:43

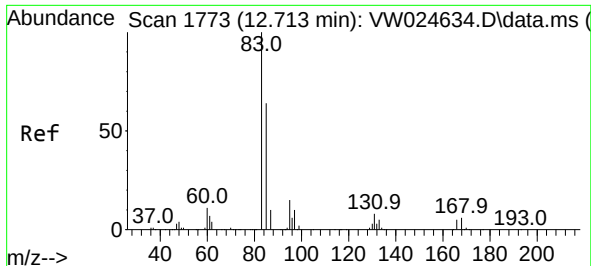
Tgt Ion:104 Resp: 738537

Ion Ratio Lower Upper

104 100

78 47.8 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 26.195 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025449

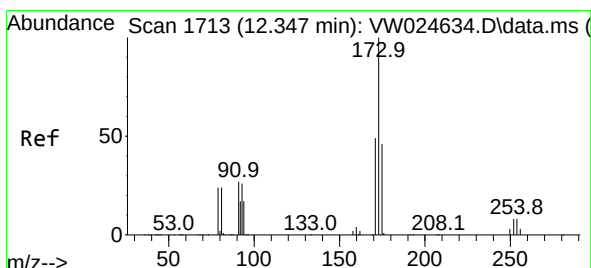
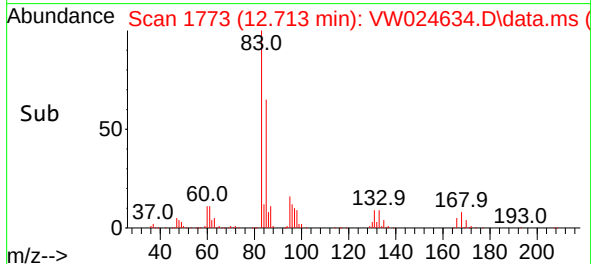
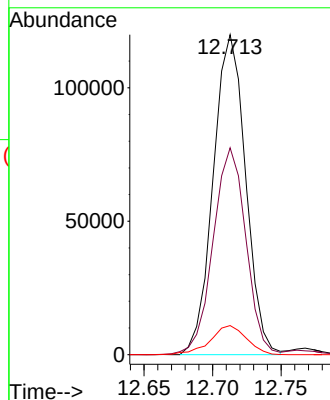
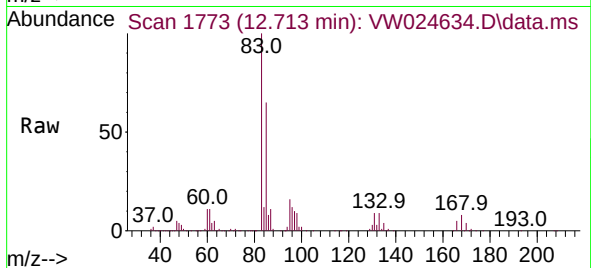
Tgt Ion: 83 Resp: 197615

Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0

131 9.1 7.3 10.9



#59

Bromoform

Concen: 26.640 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

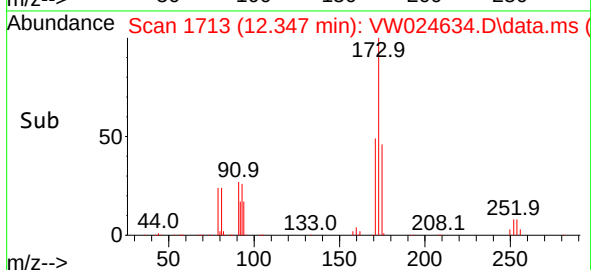
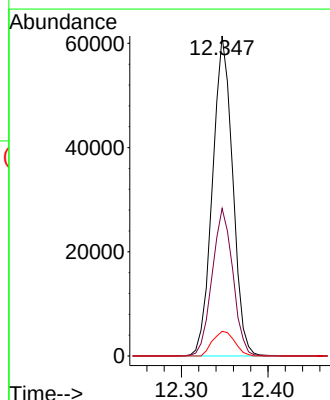
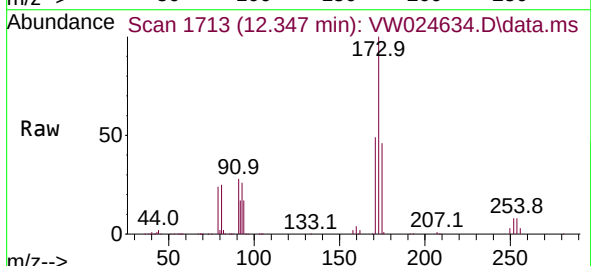
Tgt Ion: 173 Resp: 99478

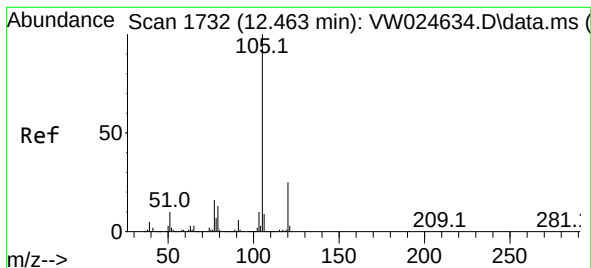
Ion Ratio Lower Upper

173 100

175 47.1 37.7 56.5

254 8.4 6.7 10.1





#60

Isopropylbenzene

Concen: 26.832 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025449

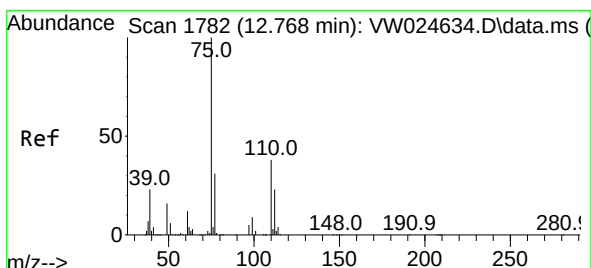
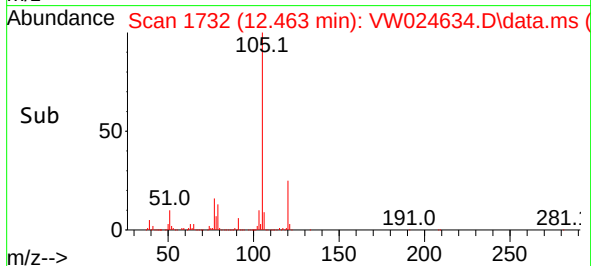
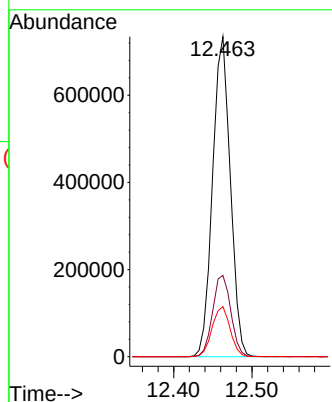
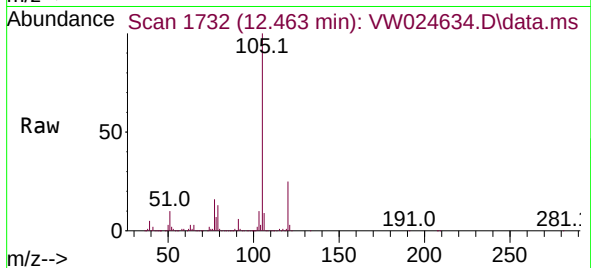
Tgt Ion:105 Resp: 1155298

Ion Ratio Lower Upper

105 100

120 26.1 20.9 31.3

77 15.9 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 25.926 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

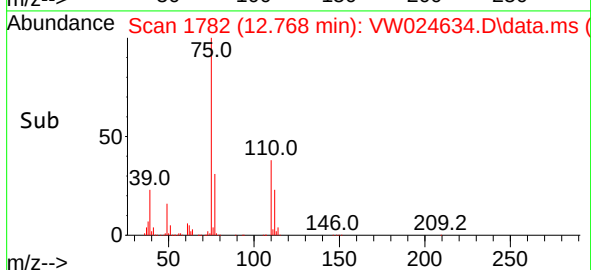
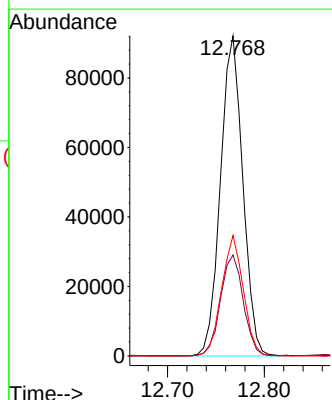
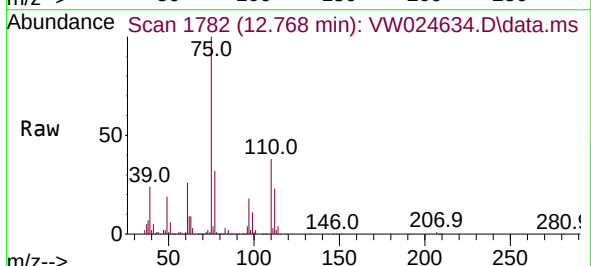
Tgt Ion: 75 Resp: 147536

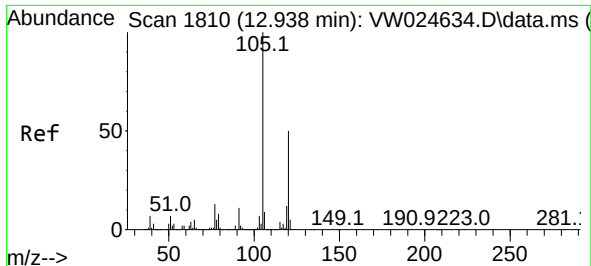
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

110 36.5 29.2 43.8

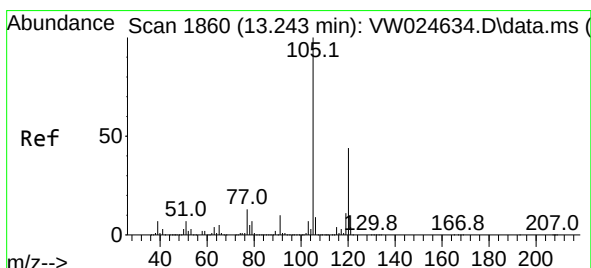
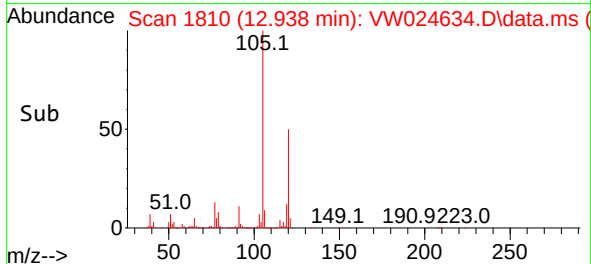
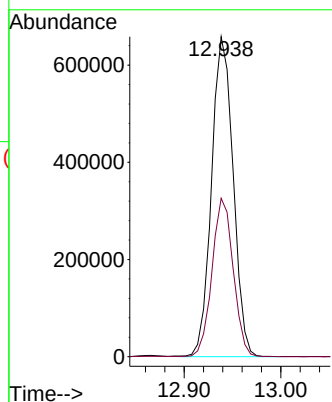
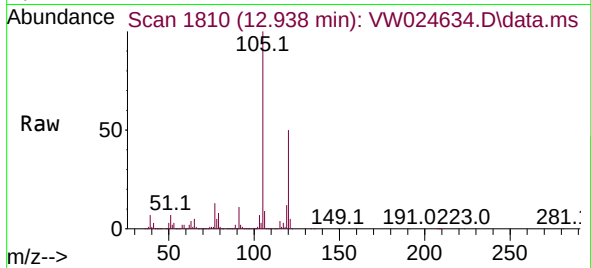




#62
1,3,5-Trimethylbenzene
Concen: 27.314 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

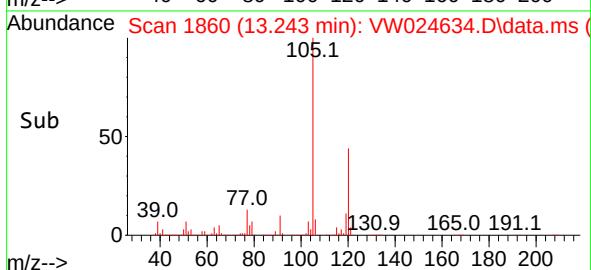
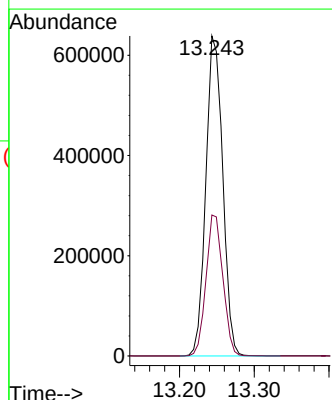
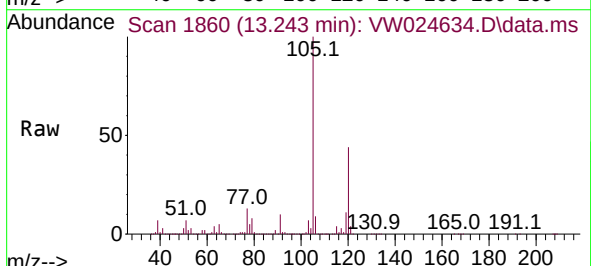
Instrument :
MSVOA_W
ClientSampleId :
VSTD025449

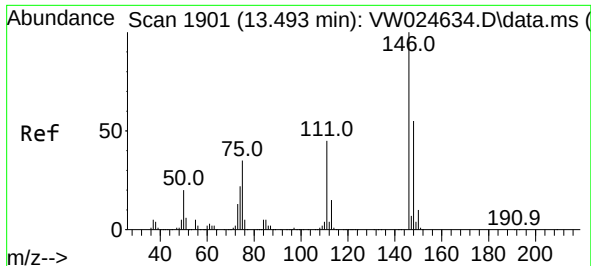
Tgt Ion:105 Resp: 1022155
Ion Ratio Lower Upper
105 100
120 48.5 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 27.300 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

Tgt Ion:105 Resp: 1000863
Ion Ratio Lower Upper
105 100
120 44.0 35.2 52.8

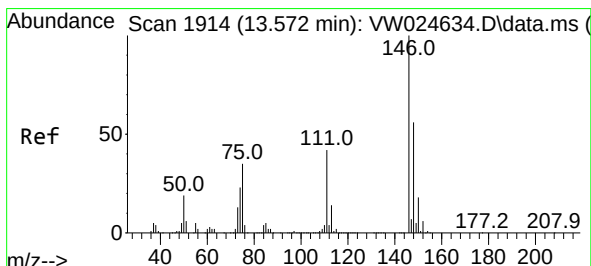
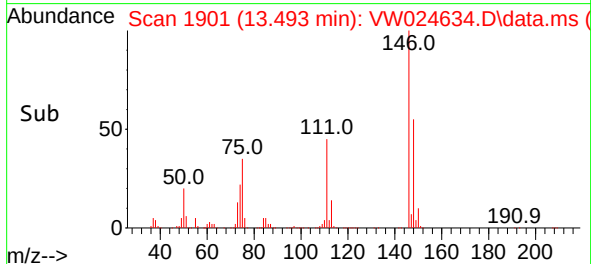
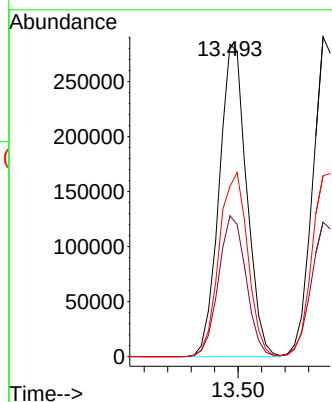
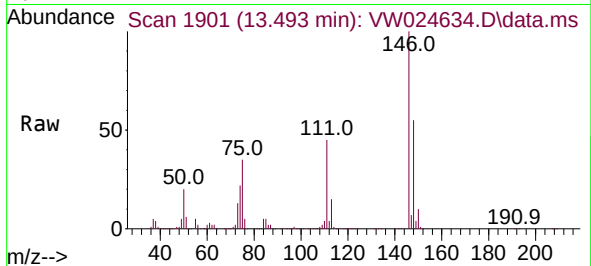




#64
1,3-Dichlorobenzene
Concen: 26.381 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

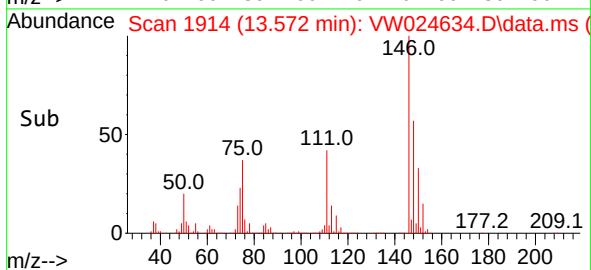
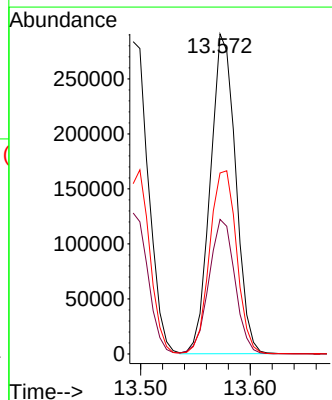
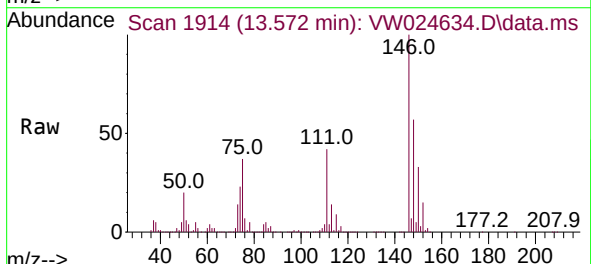
Instrument :
MSVOA_W
ClientSampleId :
VSTD025449

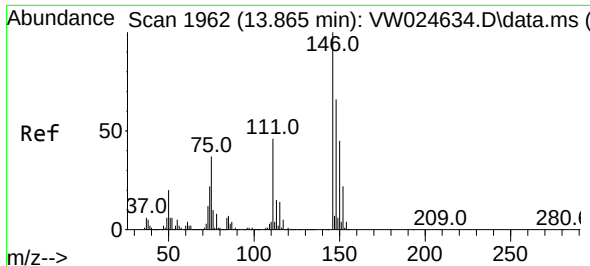
Tgt Ion:146 Resp: 461455
Ion Ratio Lower Upper
146 100
111 45.1 31.6 58.6
148 54.5 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 27.415 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024634.D
Acq: 26 Sep 2022 10:43

Tgt Ion:146 Resp: 466819
Ion Ratio Lower Upper
146 100
111 42.0 29.4 54.6
148 56.6 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 26.690 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025449

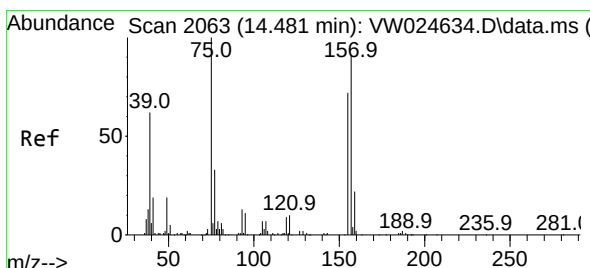
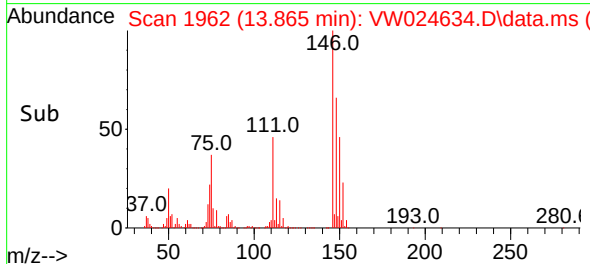
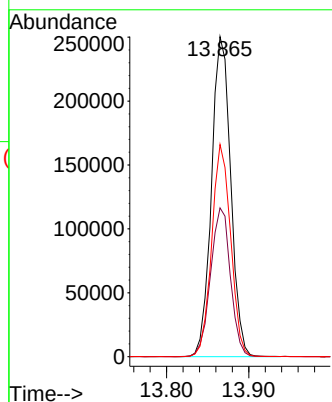
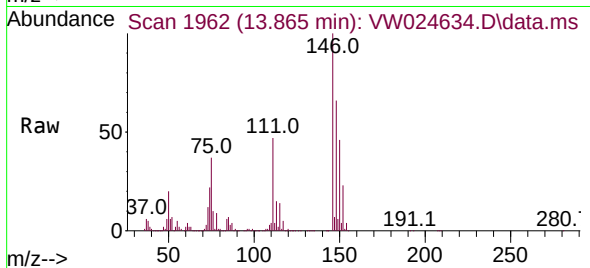
Tgt Ion:146 Resp: 406646

Ion Ratio Lower Upper

146 100

111 46.5 37.2 55.8

148 66.3 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.555 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

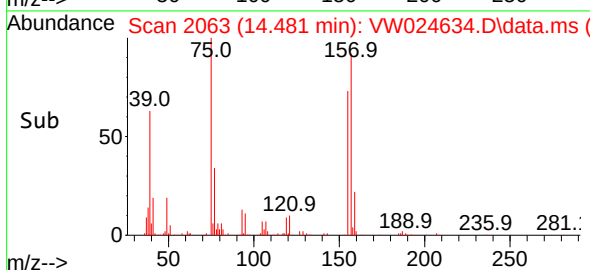
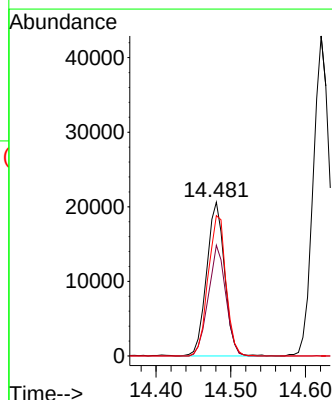
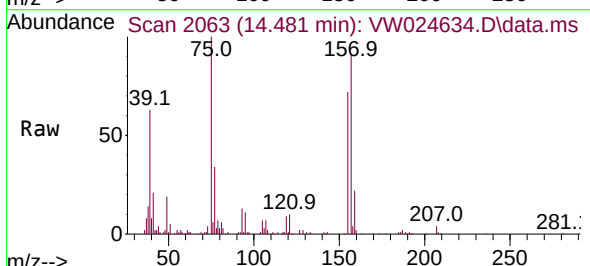
Tgt Ion: 75 Resp: 34390

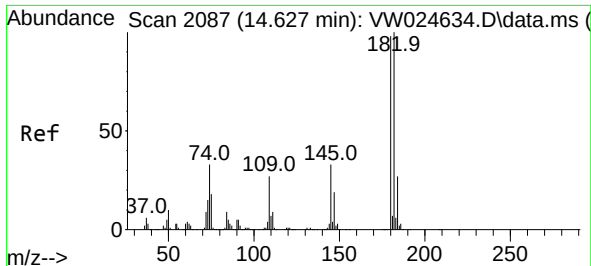
Ion Ratio Lower Upper

75 100

155 72.0 57.6 86.4

157 91.3 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 27.426 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025449

Tgt Ion:180 Resp: 318535

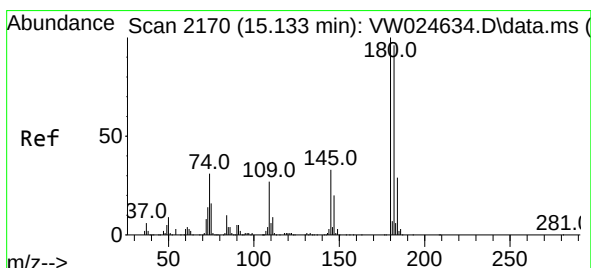
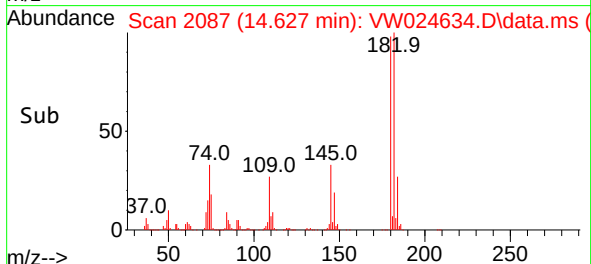
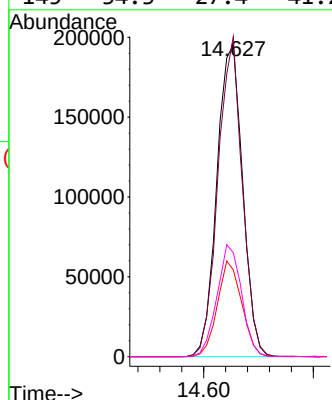
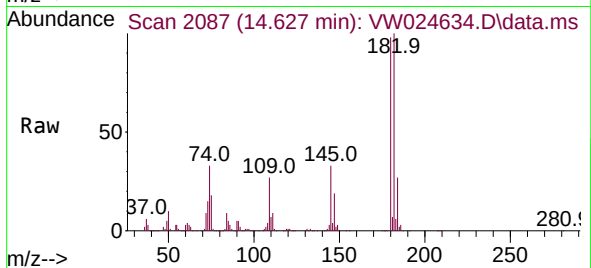
Ion Ratio Lower Upper

180 100

182 96.4 77.1 115.7

184 29.1 23.3 34.9

145 34.3 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 26.783 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

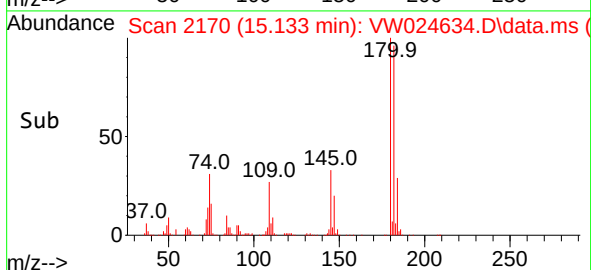
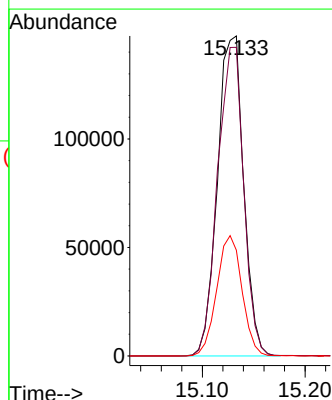
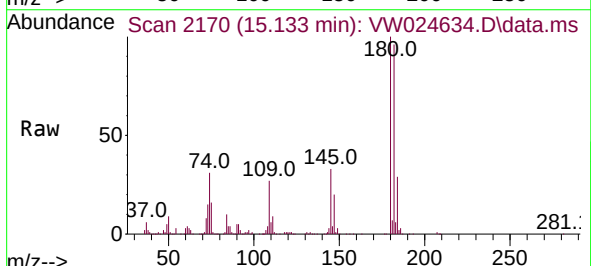
Tgt Ion:180 Resp: 261327

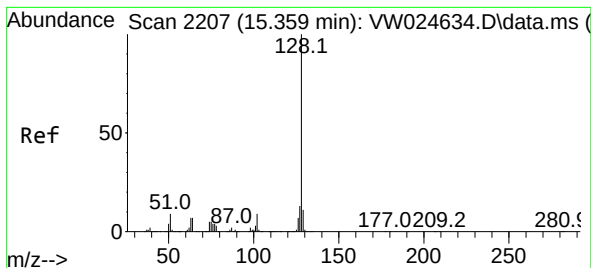
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 36.2 29.0 43.4





#71

Naphthalene

Concen: 26.375 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025449

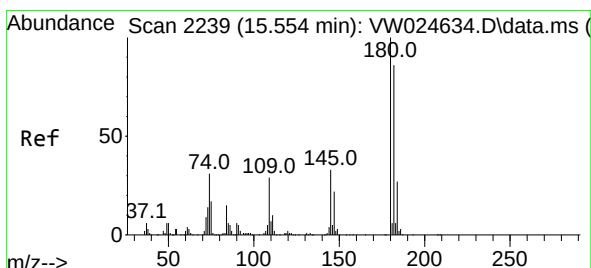
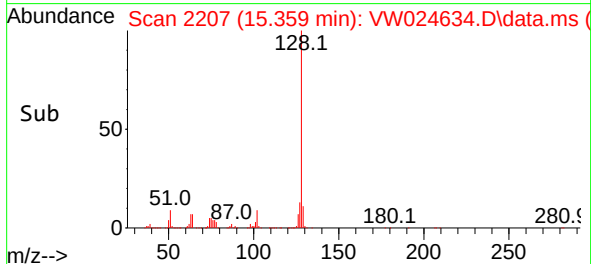
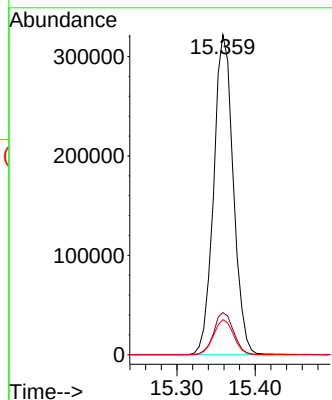
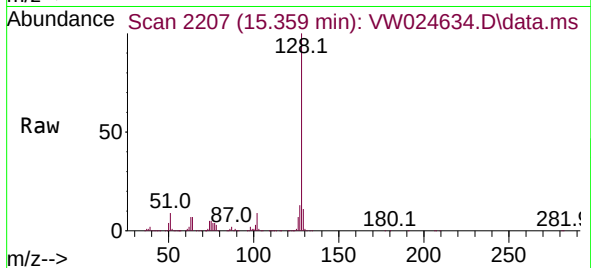
Tgt Ion:128 Resp: 560344

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.2 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 26.247 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW024634.D

Acq: 26 Sep 2022 10:43

Tgt Ion:180 Resp: 217955

Ion Ratio Lower Upper

180 100

182 96.8 77.4 116.2

145 38.2 30.6 45.8

