

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025351.D
 Acq On : 22 Feb 2023 10:33
 Operator : SY/MD
 Sample : VSTD10029
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100429

Quant Time: Feb 22 21:00:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 20:57:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	363475	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	324551	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	154325	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	291293	94.664	ug/L	0.00
7) Chloroethane-d5	2.893	69	215503	96.462	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	767018	96.031	ug/L	0.00
21) 2-Butanone-d5	7.075	46	144499	206.638	ug/L	0.00
24) Chloroform-d	7.648	84	675574	96.892	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	348362	96.312	ug/L	0.00
32) Benzene-d6	8.276	84	1324796	96.321	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	370497	95.993	ug/L	0.00
41) Toluene-d8	10.325	98	1254013	97.799	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	180807	102.826	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	123872	220.021	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	281346	97.371	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	371875	94.875	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	458187	105.649	ug/L	99
3) Chloromethane	2.222	50	402984	98.237	ug/L	99
5) Vinyl chloride	2.375	62	455908	95.616	ug/L	98
6) Bromomethane	2.783	94	284401	93.939	ug/L	98
8) Chloroethane	2.930	64	263048	94.287	ug/L	99
9) Trichlorofluoromethane	3.271	101	581582	100.521	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	454354	93.359	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	447752	95.604	ug/L	100
13) Acetone	4.118	43	212756	183.985	ug/L	99
14) Carbon disulfide	4.387	76	1444778	94.577	ug/L	100
15) Methyl Acetate	4.667	43	174111	94.680	ug/L	98
16) Methylene chloride	4.923	84	422240	82.154	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	472792	96.297	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	676095	97.500	ug/L	100
19) 1,1-Dichloroethane	6.222	63	833284	94.449	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	509785	98.817	ug/L	95
22) 2-Butanone	7.167	43	261505	196.873	ug/L	100
23) Bromochloromethane	7.514	128	212668	96.604	ug/L	95
25) Chloroform	7.679	83	857930	94.495	ug/L	100
27) 1,2-Dichloroethane	8.398	62	579679	94.656	ug/L	100
29) Cyclohexane	7.959	56	805955	98.649	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	792728	94.290	ug/L	99
31) Carbon tetrachloride	8.069	117	754220	95.313	ug/L	98
33) Benzene	8.325	78	1845778	93.012	ug/L	100
34) Trichloroethene	9.093	95	519911	93.813	ug/L	94
35) Methylcyclohexane	9.337	83	932931	96.060	ug/L	99
37) 1,2-Dichloropropane	9.367	63	448012	93.330	ug/L	100
38) Bromodichloromethane	9.648	83	618563	95.000	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	787656	100.291	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	496971	203.509	ug/L	100
42) Toluene	10.386	91	2043803	95.665	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	674931	102.232	ug/L	99

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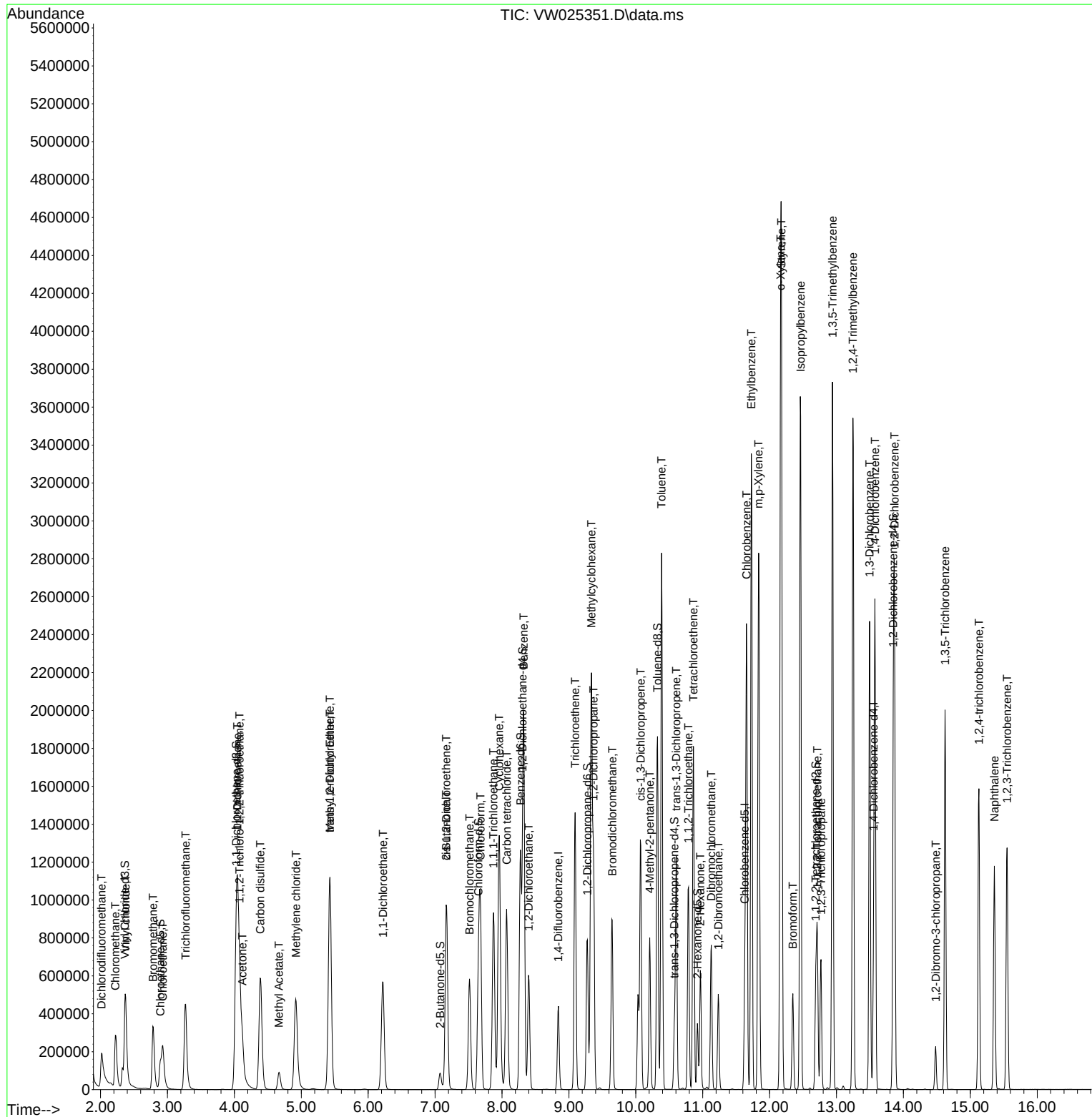
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	333447	93.132	ug/L	99
46) Tetrachloroethene	10.861	164	387821	92.669	ug/L	97
48) 2-Hexanone	10.965	43	368019	201.913	ug/L	99
49) Dibromochloromethane	11.129	129	406646	98.325	ug/L	94
50) 1,2-Dibromoethane	11.233	107	333505	97.165	ug/L	99
51) Chlorobenzene	11.654	112	1289492	93.984	ug/L	100
52) Ethylbenzene	11.727	91	2381750	96.207	ug/L	98
53) m,p-Xylene	11.836	106	899542	95.631	ug/L	100
54) o-Xylene	12.166	106	839859	96.580	ug/L	96
55) Styrene	12.178	104	1422623	96.195	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	385096	94.215	ug/L	97
59) Bromoform	12.349	173	223671	96.814	ug/L	100
60) Isopropylbenzene	12.464	105	2416576	95.740	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	289510	94.686	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1998433	98.585	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1993613	103.896	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	953406	96.597	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	949894	95.999	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	857051	94.692	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	61032	86.388	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	569394	84.283	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	478162	81.569	ug/L	99
71) Naphthalene	15.360	128	977641	86.734	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	407969	81.947	ug/L	99

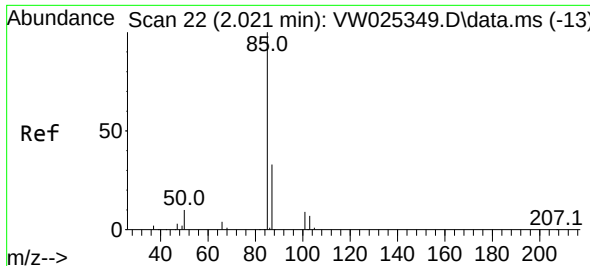
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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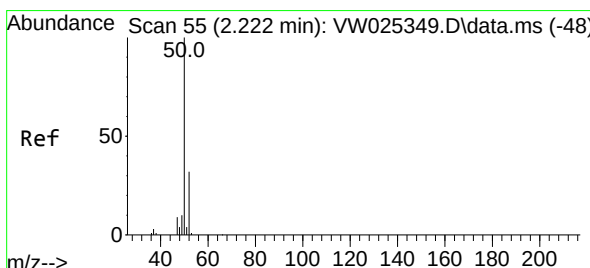
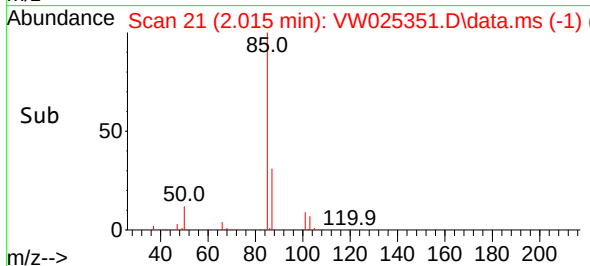
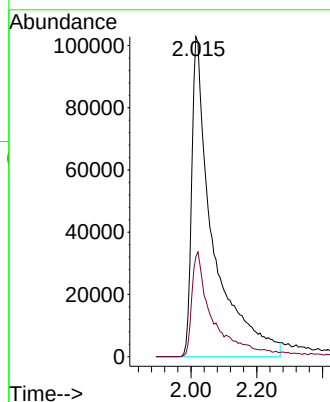
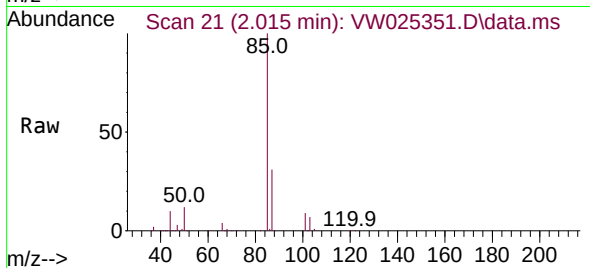




#2
Dichlorodifluoromethane
Concen: 105.649 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

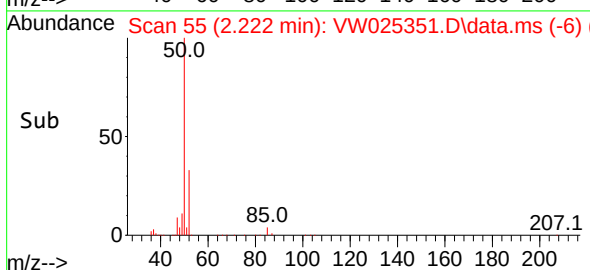
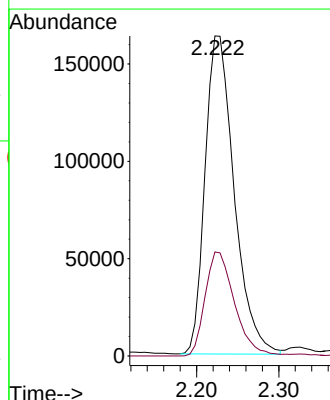
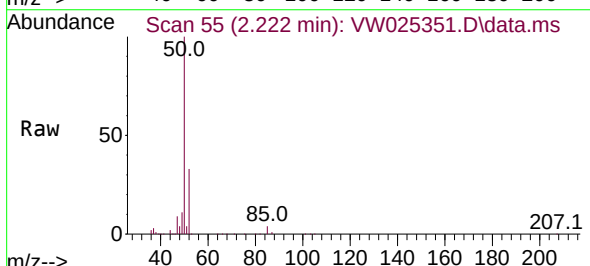
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

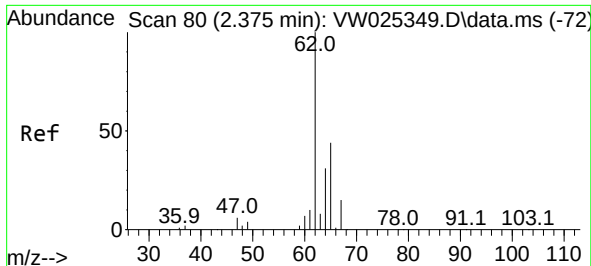
Tgt Ion: 85 Resp: 458187
Ion Ratio Lower Upper
85 100
87 25.2 20.6 30.8



#3
Chloromethane
Concen: 98.237 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Tgt Ion: 50 Resp: 402984
Ion Ratio Lower Upper
50 100
52 32.5 22.3 41.3

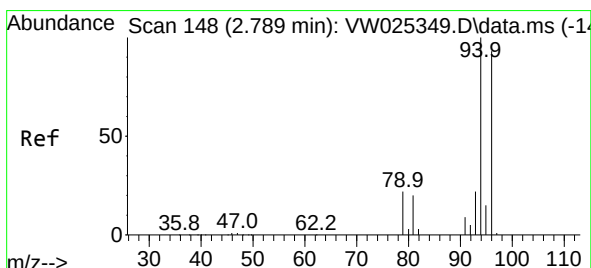
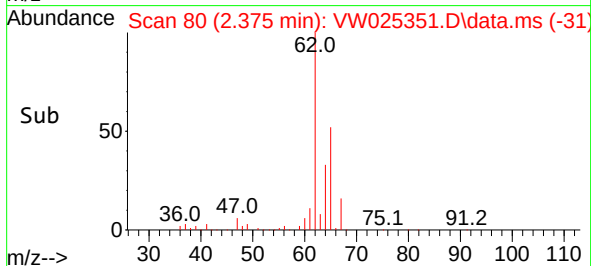
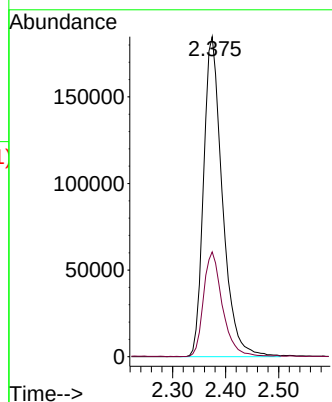
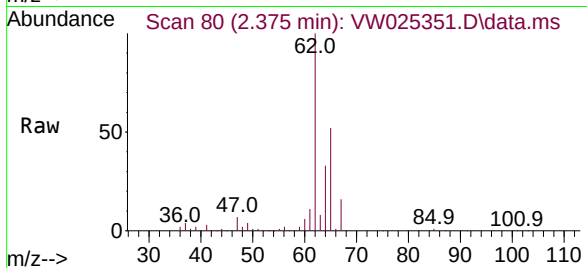




#5
 Vinyl chloride
 Concen: 95.616 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025351.D
 Acq: 22 Feb 2023 10:33

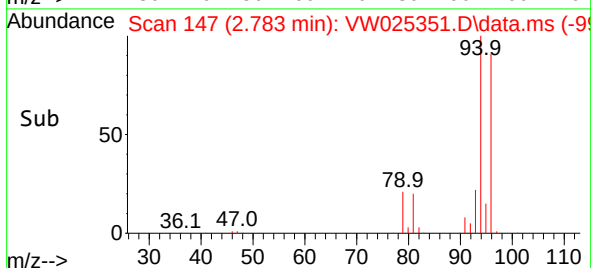
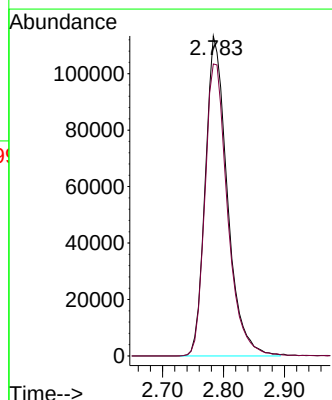
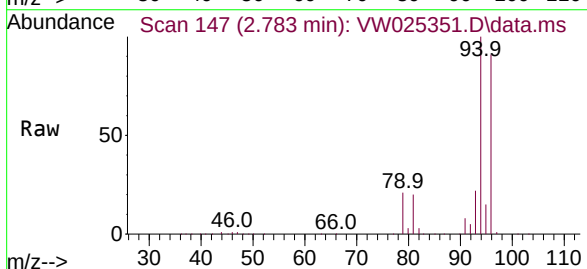
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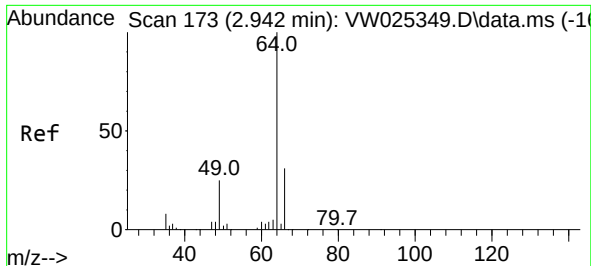
Tgt Ion: 62 Resp: 455908
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.2 41.2



#6
 Bromomethane
 Concen: 93.939 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW025351.D
 Acq: 22 Feb 2023 10:33

Tgt Ion: 94 Resp: 284401
 Ion Ratio Lower Upper
 94 100
 96 91.2 65.2 121.0

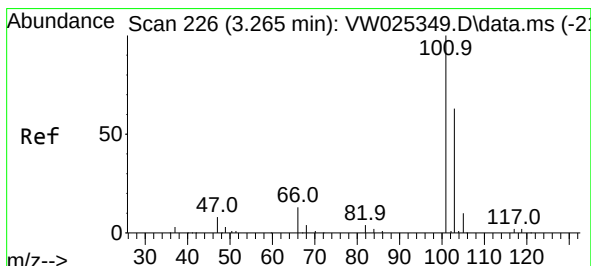
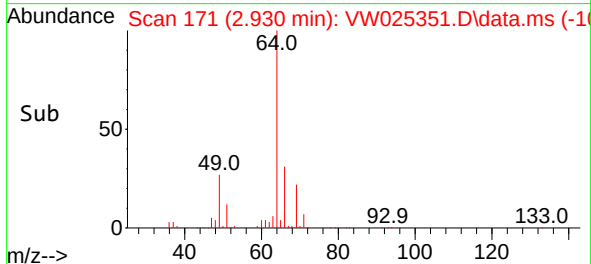
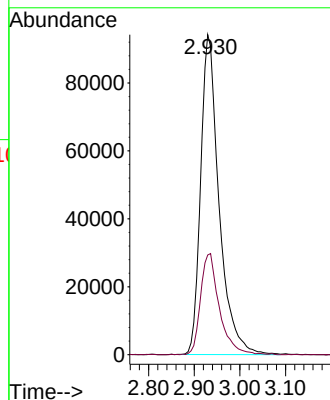
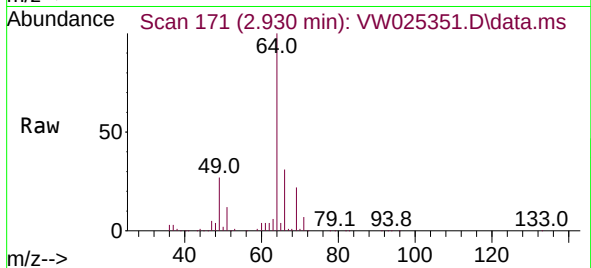




#8
Chloroethane
Concen: 94.287 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

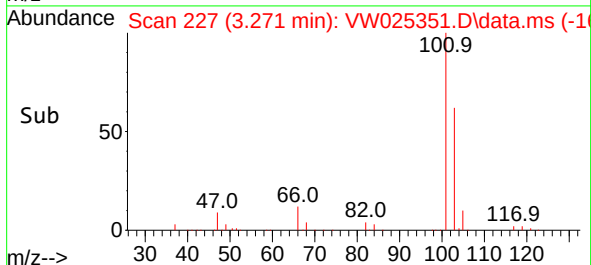
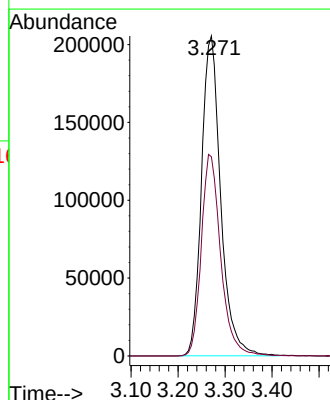
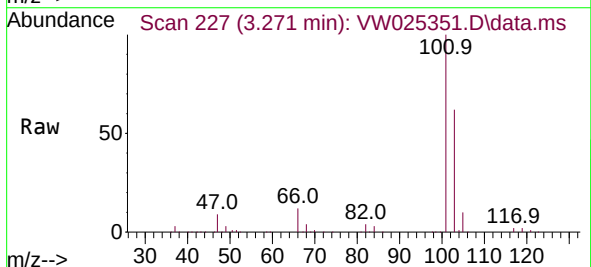
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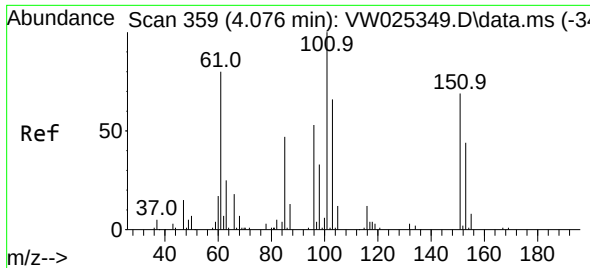
Tgt Ion: 64 Resp: 263048
Ion Ratio Lower Upper
64 100
66 31.2 21.6 40.0



#9
Trichlorofluoromethane
Concen: 100.521 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Tgt Ion:101 Resp: 581582
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0

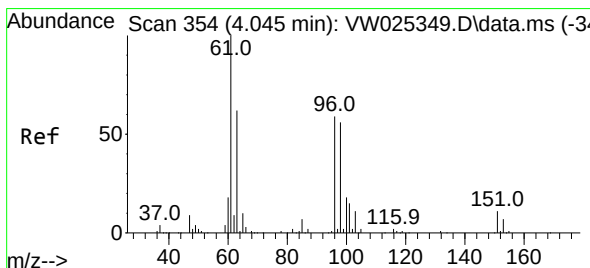
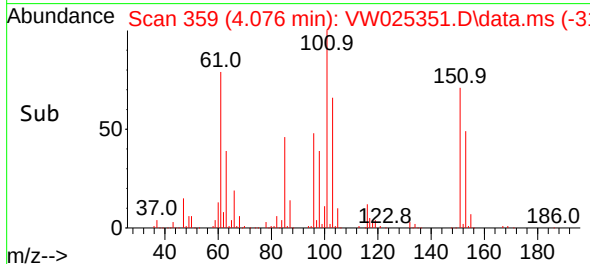
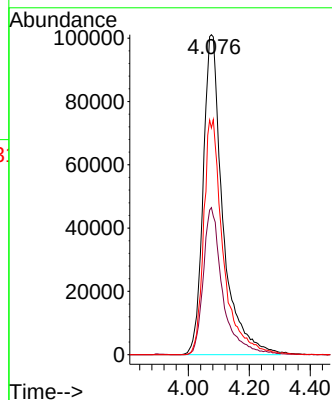
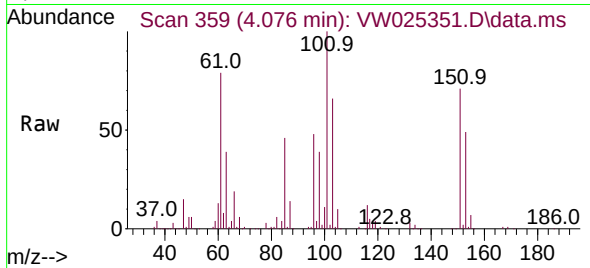




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 93.359 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW025351.D
 Acq: 22 Feb 2023 10:33

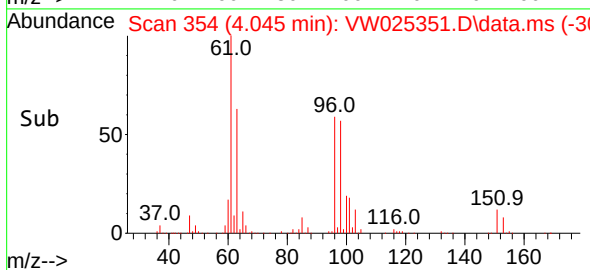
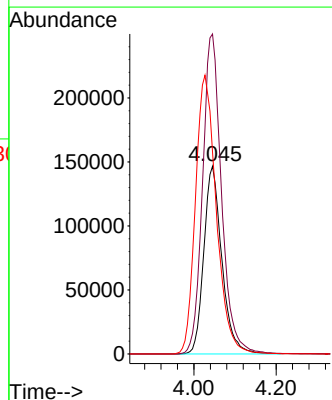
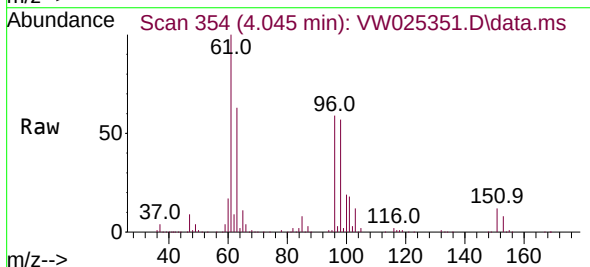
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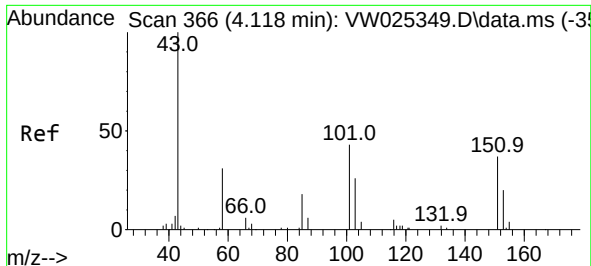
Tgt Ion:101 Resp: 454354
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.3 54.5
 151 31.3 52.2 78.4#



#12
 1,1-Dichloroethene
 Concen: 95.604 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025351.D
 Acq: 22 Feb 2023 10:33

Tgt Ion: 96 Resp: 447752
 Ion Ratio Lower Upper
 96 100
 61 170.5 119.3 221.5
 63 107.6 74.5 138.5

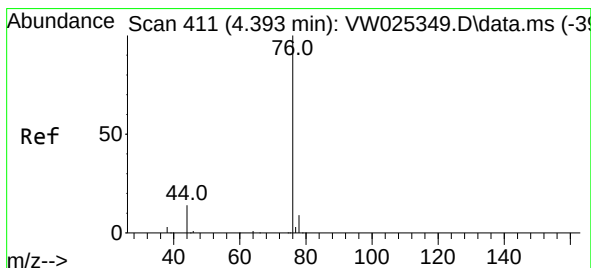
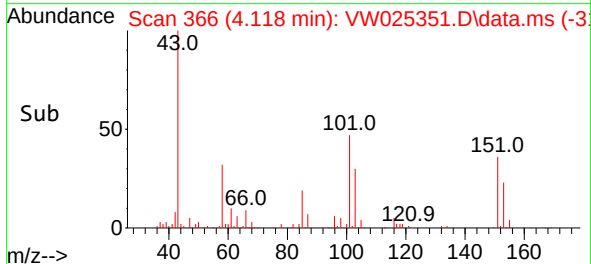
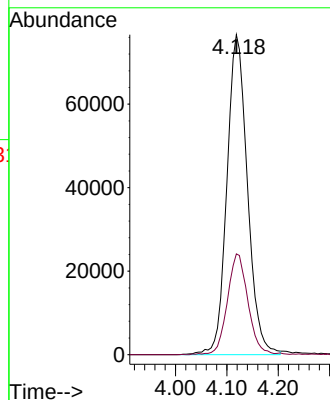
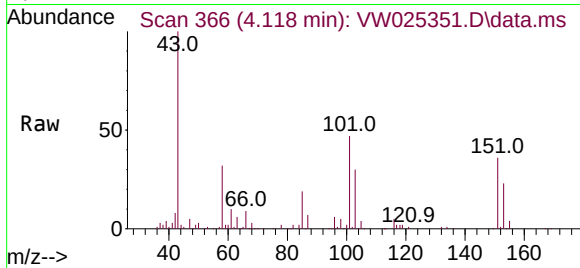




#13
Acetone
Concen: 183.985 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW025351.D
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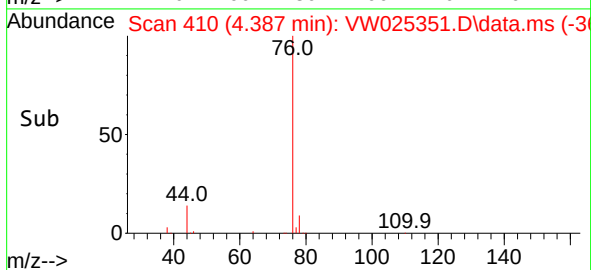
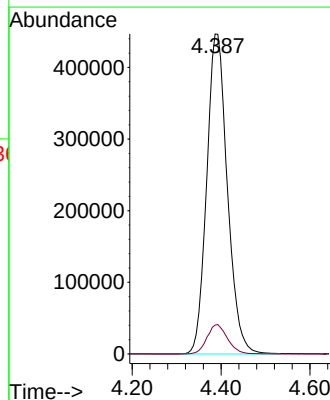
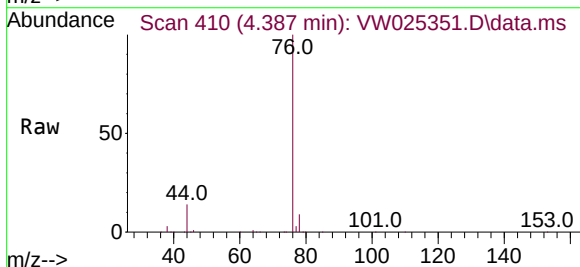
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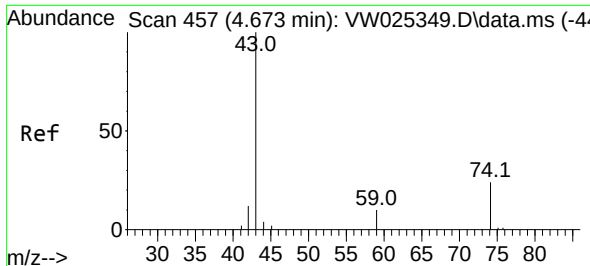
Tgt Ion: 43 Resp: 212756
Ion Ratio Lower Upper
43 100
58 31.5 0.0 61.6



#14
Carbon disulfide
Concen: 94.577 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Acq: 22 Feb 2023 10:33

Tgt Ion: 76 Resp: 1444778
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

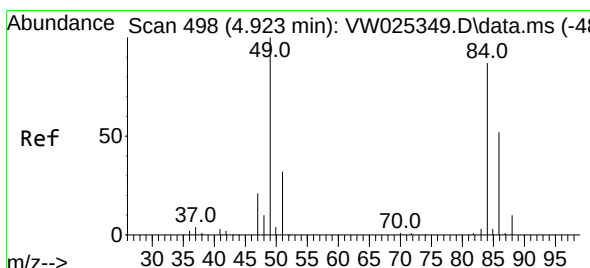
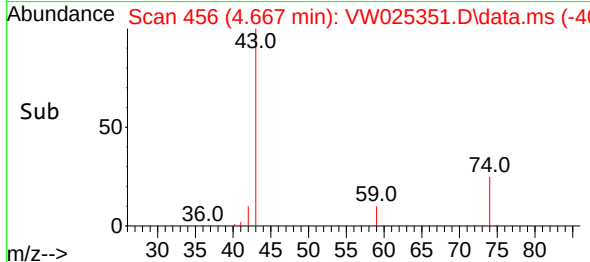
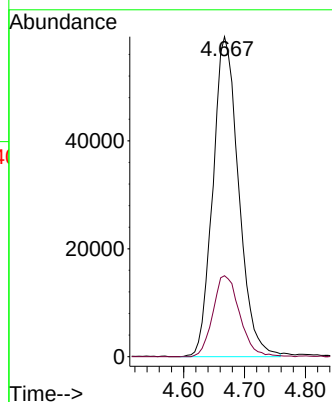
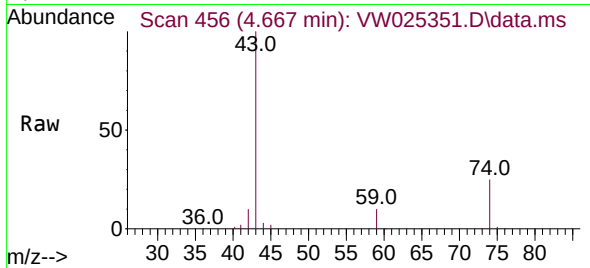




#15
Methyl Acetate
Concen: 94.680 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

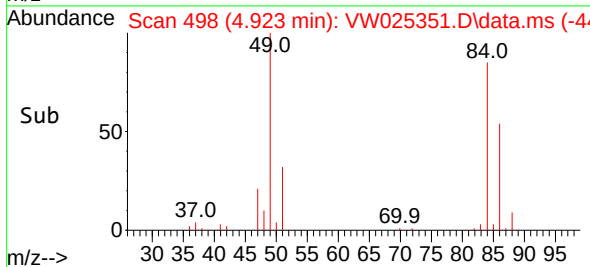
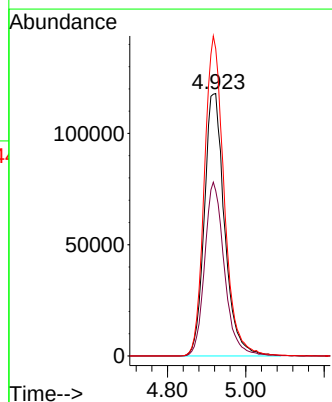
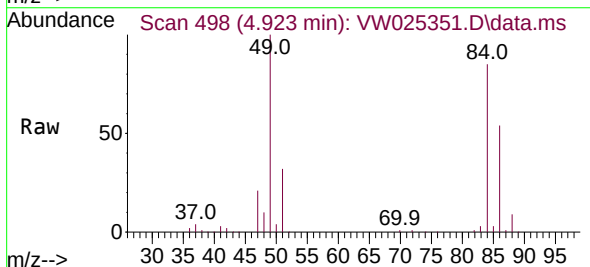
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

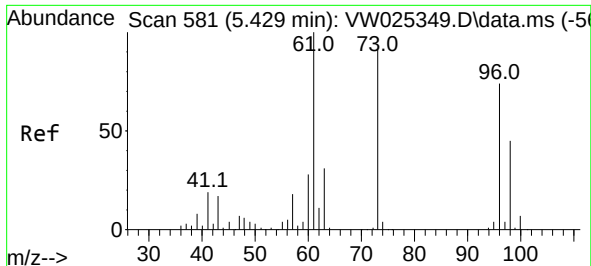
Tgt Ion: 43 Resp: 174111
Ion Ratio Lower Upper
43 100
74 26.2 20.2 30.4



#16
Methylene chloride
Concen: 82.154 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Tgt Ion: 84 Resp: 422240
Ion Ratio Lower Upper
84 100
86 63.0 41.8 77.6
49 117.1 80.3 149.1





#17

trans-1,2-Dichloroethene

Concen: 96.297 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW025351.D

Acq: 22 Feb 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD100429

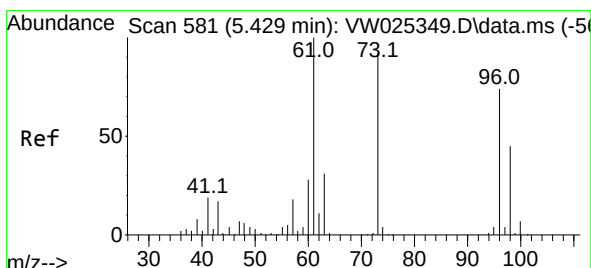
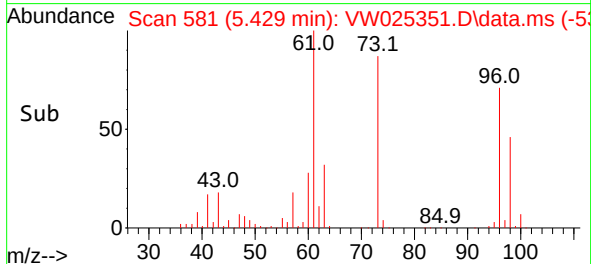
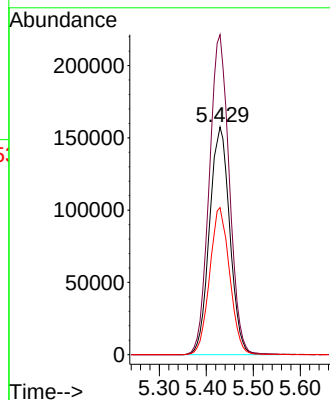
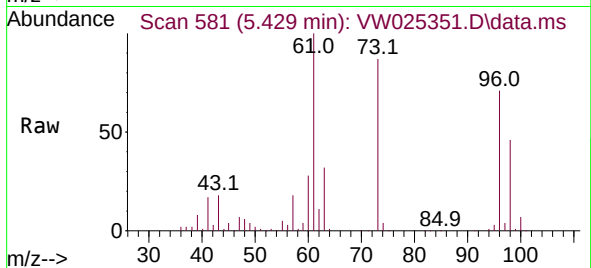
Tgt Ion: 96 Resp: 472792

Ion Ratio Lower Upper

96 100

61 140.6 94.8 176.0

98 64.6 42.4 78.6



#18

Methyl tert-butyl Ether

Concen: 97.500 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW025351.D

Acq: 22 Feb 2023 10:33

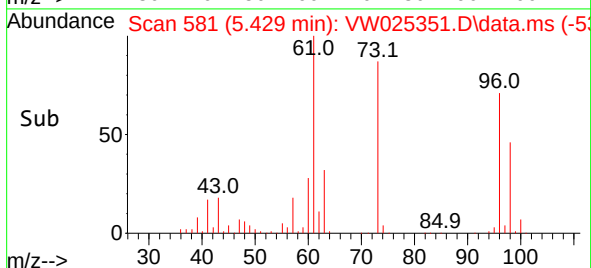
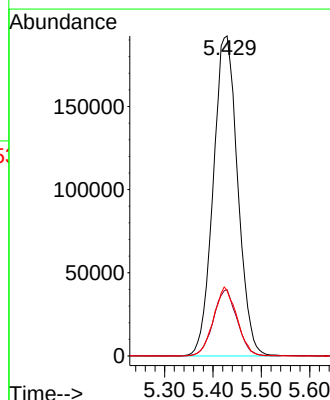
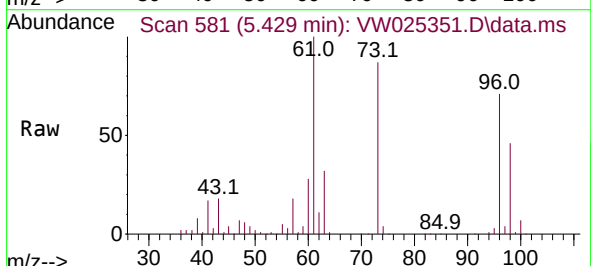
Tgt Ion: 73 Resp: 676095

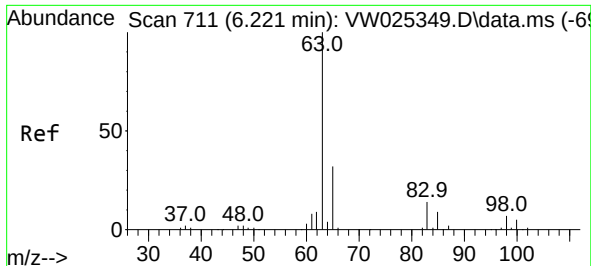
Ion Ratio Lower Upper

73 100

43 20.1 16.1 24.1

57 20.6 16.6 25.0





#19

1,1-Dichloroethane

Concen: 94.449 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW025351.D

Acq: 22 Feb 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD100429

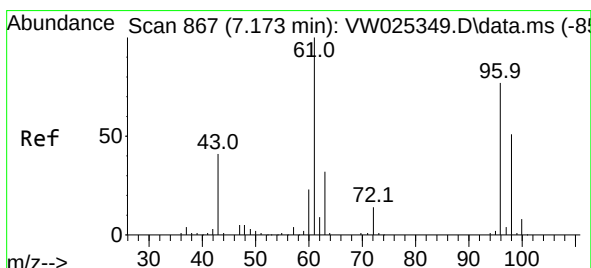
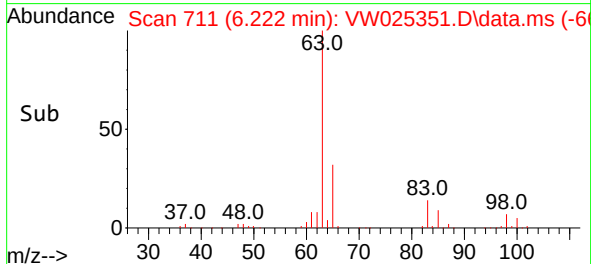
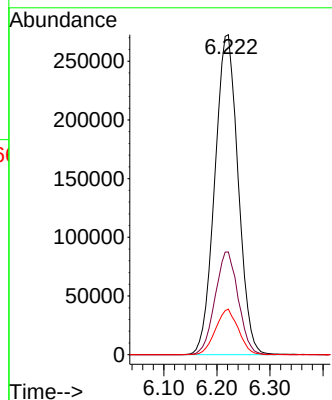
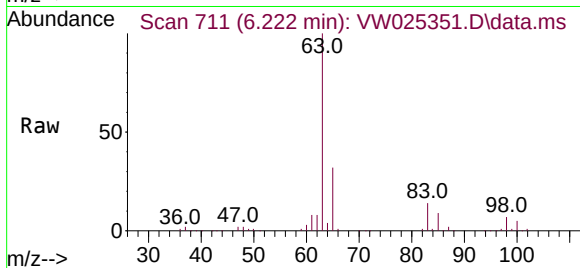
Tgt Ion: 63 Resp: 833284

Ion Ratio Lower Upper

63 100

65 32.1 22.1 41.1

83 14.3 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 98.817 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW025351.D

Acq: 22 Feb 2023 10:33

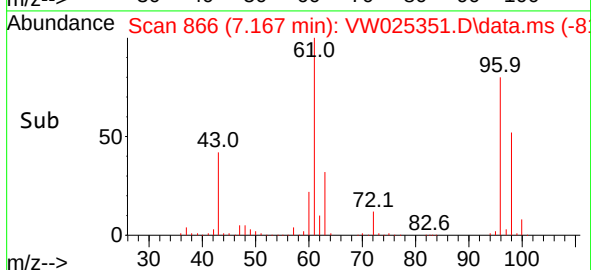
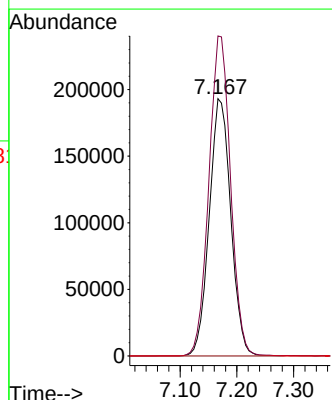
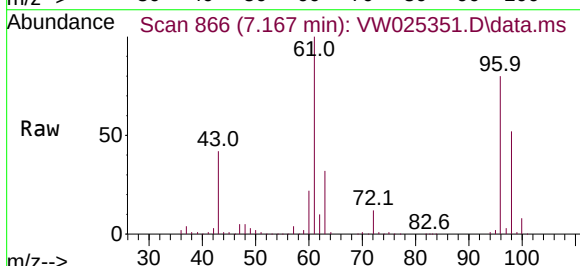
Tgt Ion: 96 Resp: 509785

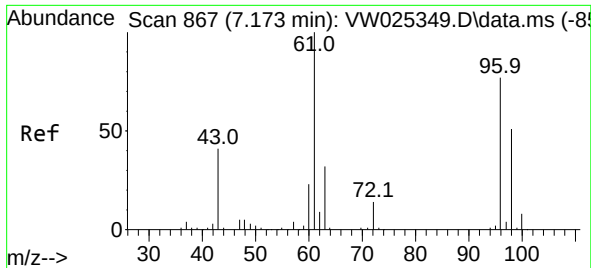
Ion Ratio Lower Upper

96 100

61 124.4 90.9 168.9

68 0.0 0.0 0.0

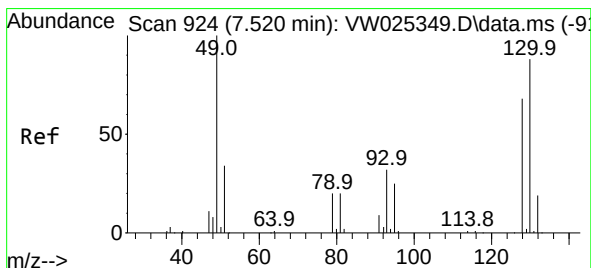
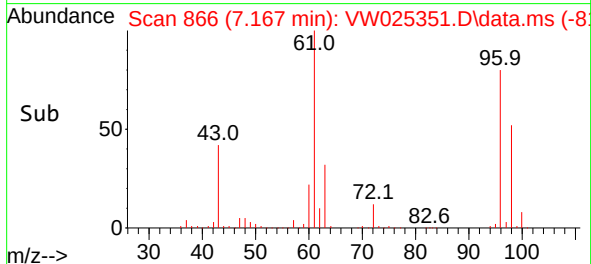
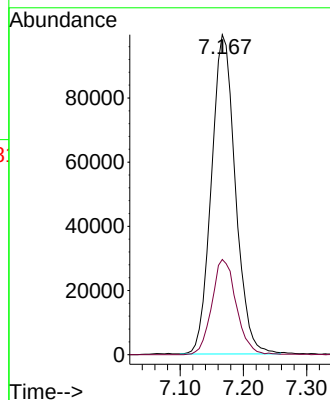
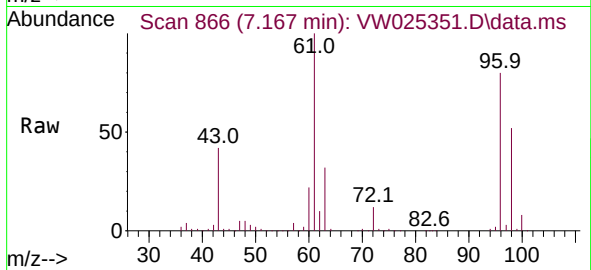




#22
2-Butanone
Concen: 196.873 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

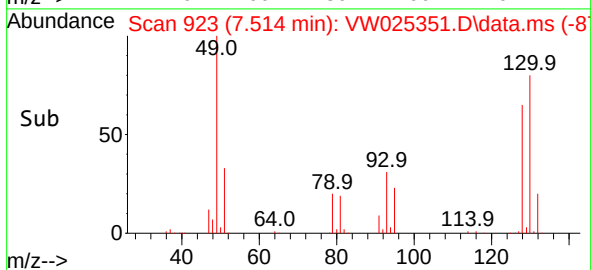
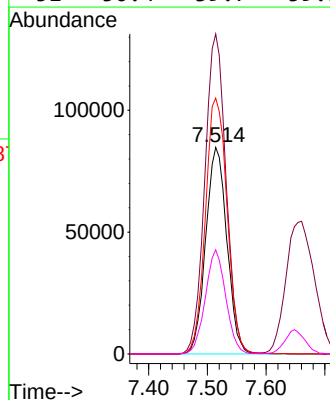
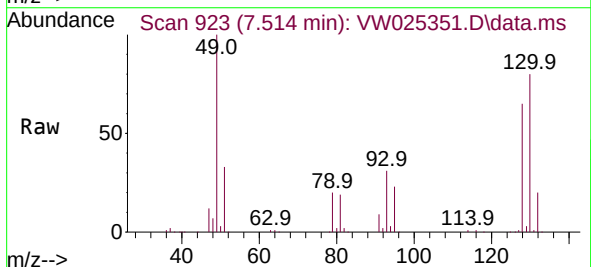
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

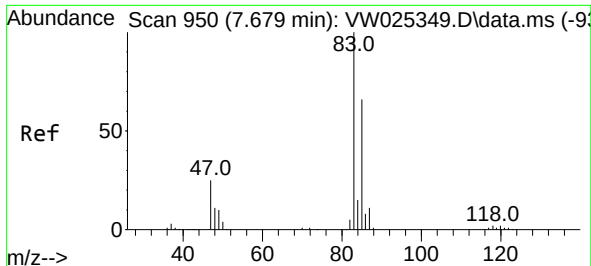
Tgt Ion: 43 Resp: 261505
Ion Ratio Lower Upper
43 100
72 30.2 15.0 45.1



#23
Bromochloromethane
Concen: 96.604 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Tgt Ion: 128 Resp: 212668
Ion Ratio Lower Upper
128 100
49 154.9 102.4 190.2
130 123.9 90.1 167.3
51 50.4 39.7 59.5

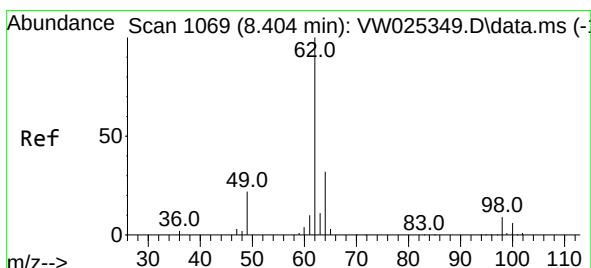
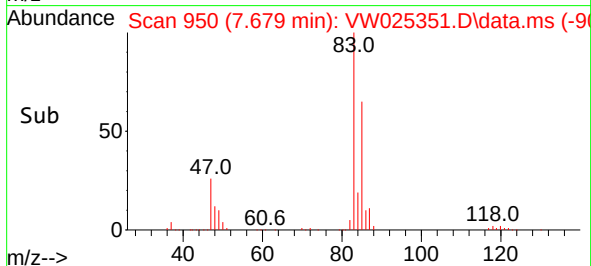
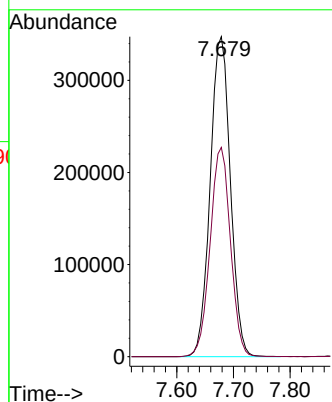
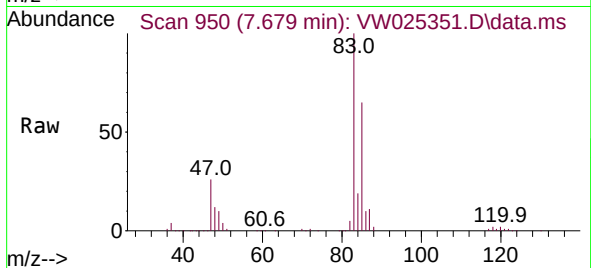




#25
Chloroform
Concen: 94.495 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

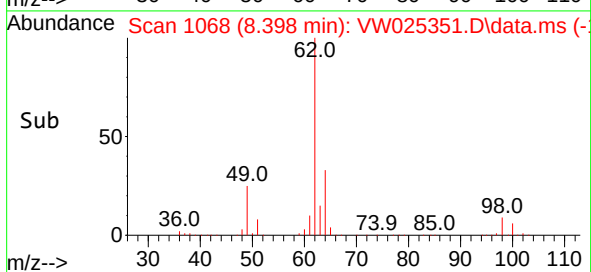
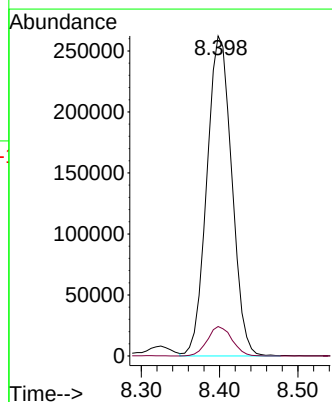
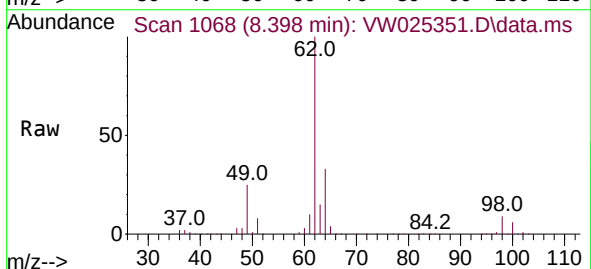
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

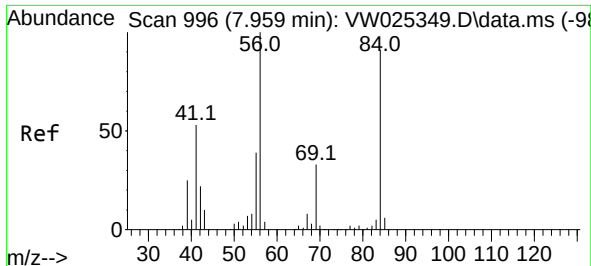
Tgt Ion: 83 Resp: 857930
Ion Ratio Lower Upper
83 100
85 65.4 45.9 85.3



#27
1,2-Dichloroethane
Concen: 94.656 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

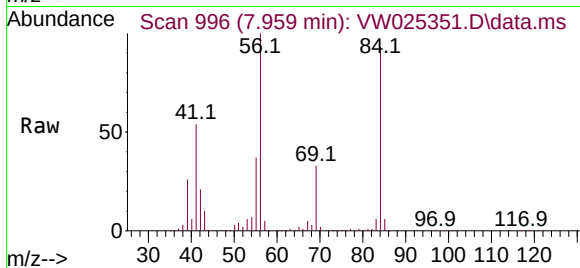
Tgt Ion: 62 Resp: 579679
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0



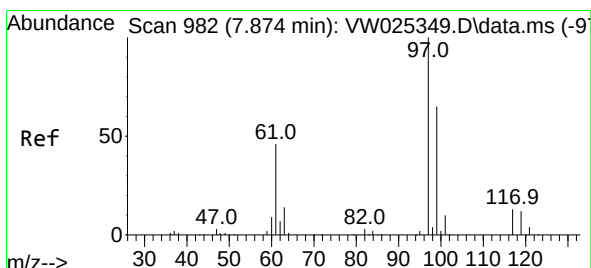
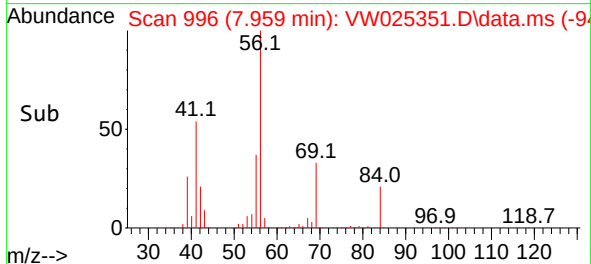
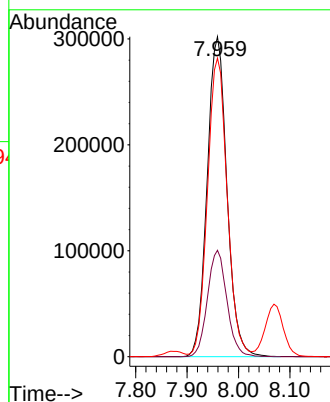


#29
Cyclohexane
Concen: 98.649 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

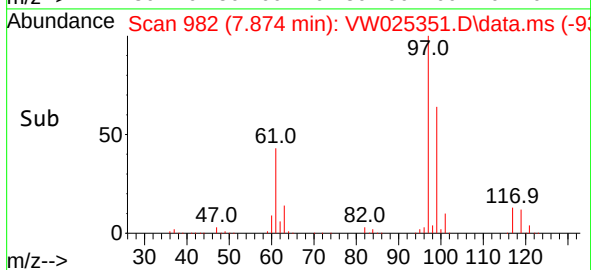
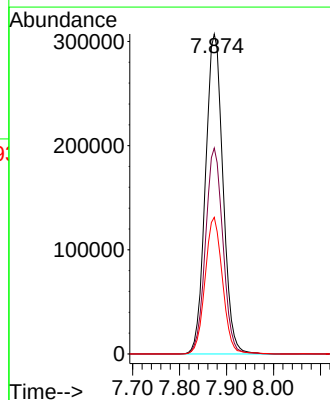
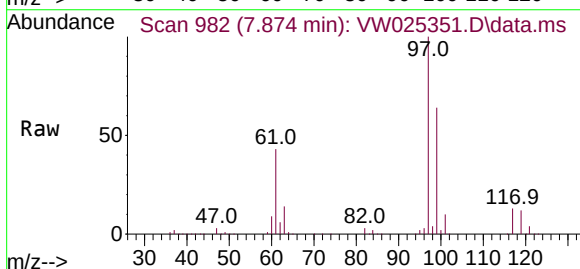


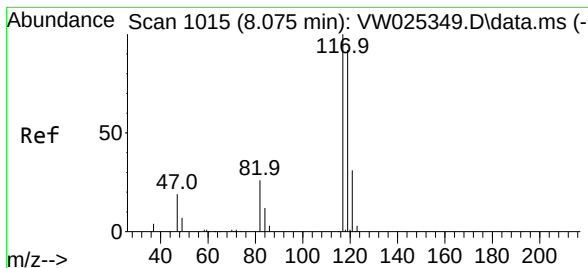
Tgt Ion:	56	Resp:	805955
Ion	Ratio	Lower	Upper
56	100		
69	32.7	25.9	38.9
84	93.6	74.6	111.8



#30
1,1,1-Trichloroethane
Concen: 94.290 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Tgt Ion:	97	Resp:	792728
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	42.7	35.1	52.7

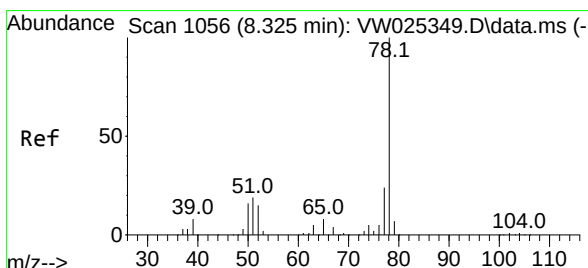
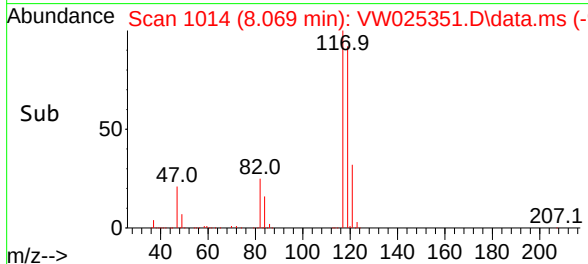
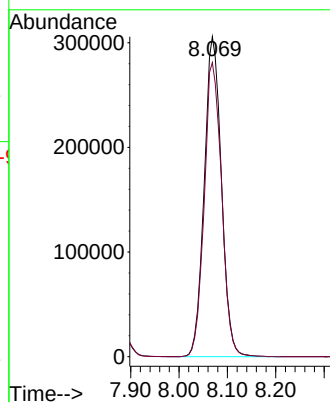
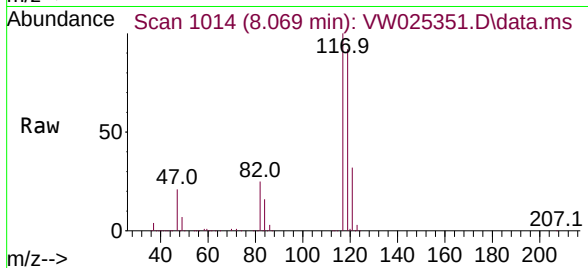




#31
Carbon tetrachloride
Concen: 95.313 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

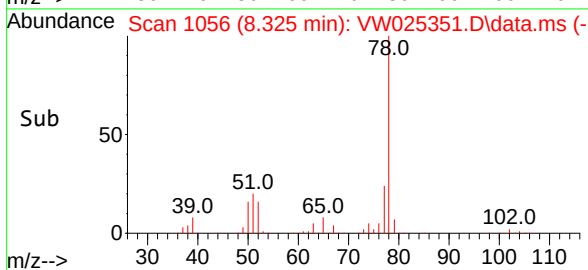
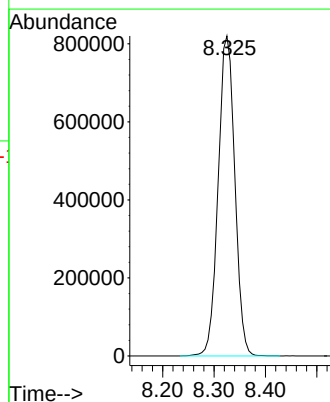
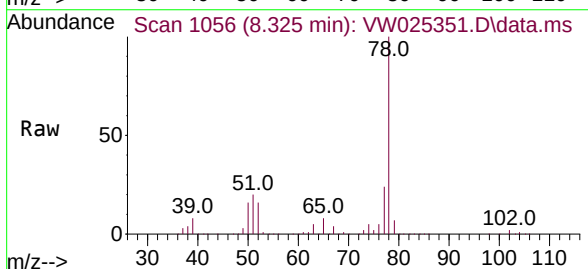
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

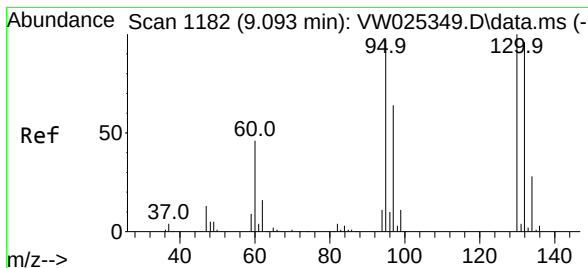
Tgt Ion:117 Resp: 754220
Ion Ratio Lower Upper
117 100
119 93.3 76.3 114.5



#33
Benzene
Concen: 93.012 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Tgt Ion: 78 Resp: 1845778





#34

Trichloroethene

Concen: 93.813 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025351.D

Acq: 22 Feb 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD100429

Tgt Ion: 95 Resp: 519911

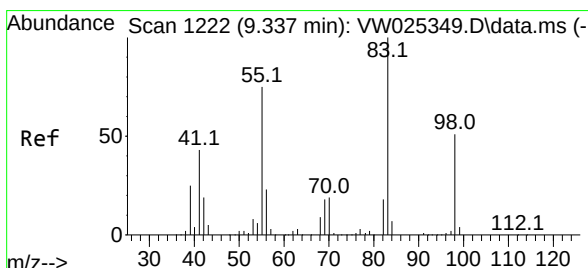
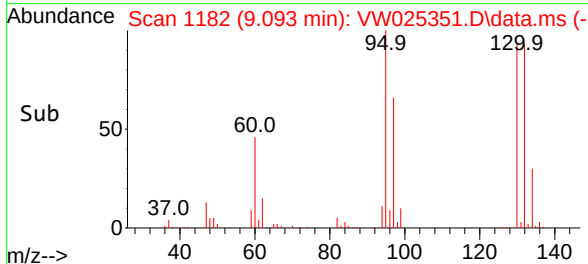
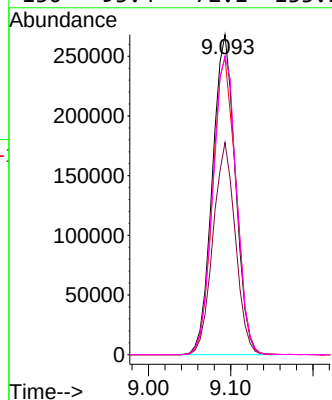
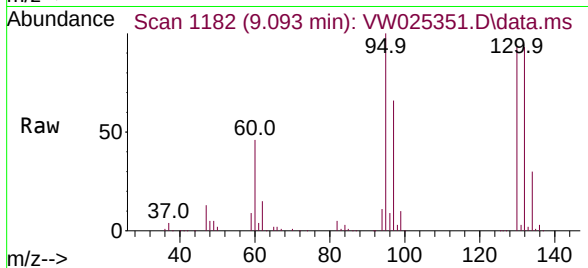
Ion Ratio Lower Upper

95 100

97 66.3 46.3 85.9

132 92.9 69.3 128.7

130 93.4 72.1 133.9



#35

Methylcyclohexane

Concen: 96.060 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW025351.D

Acq: 22 Feb 2023 10:33

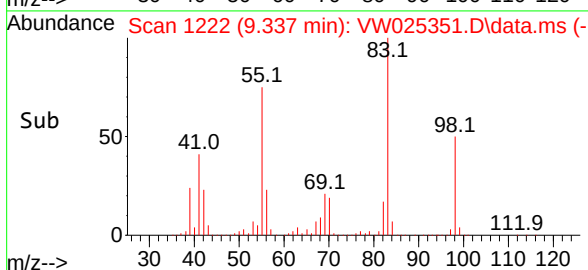
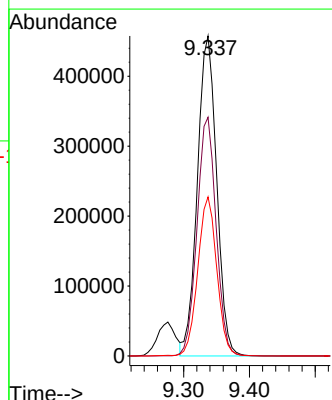
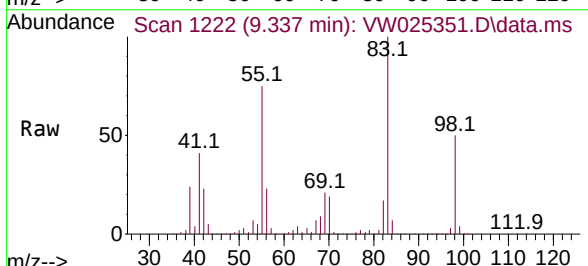
Tgt Ion: 83 Resp: 932931

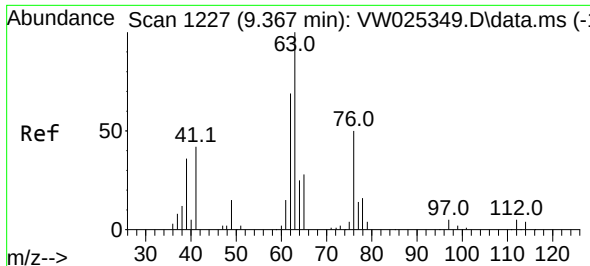
Ion Ratio Lower Upper

83 100

55 73.8 58.4 87.6

98 49.0 39.1 58.7





#37

1,2-Dichloropropane

Concen: 93.330 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW025351.D

Acq: 22 Feb 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

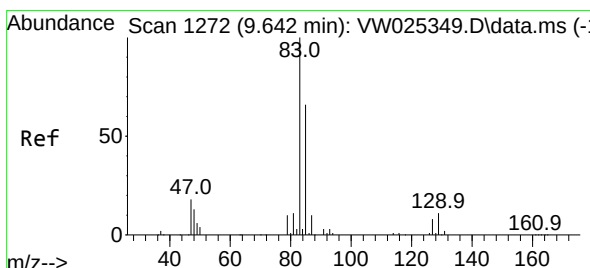
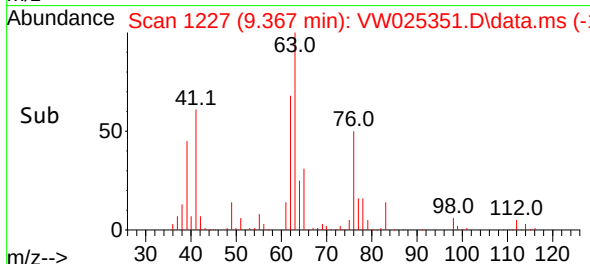
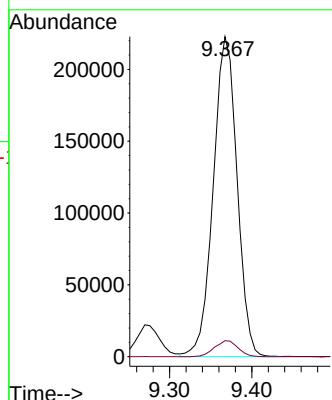
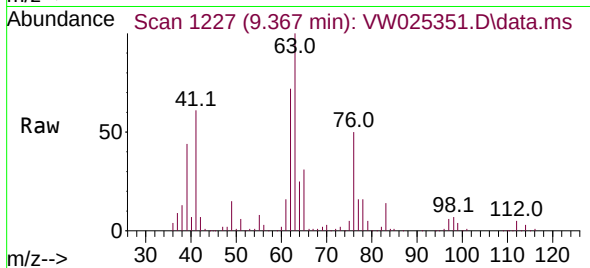
VSTD100429

Tgt Ion: 63 Resp: 448012

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 95.000 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW025351.D

Acq: 22 Feb 2023 10:33

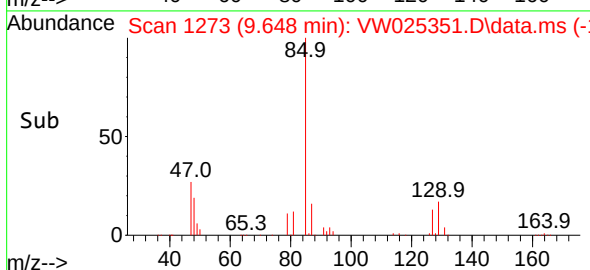
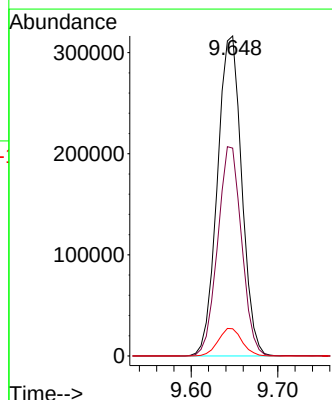
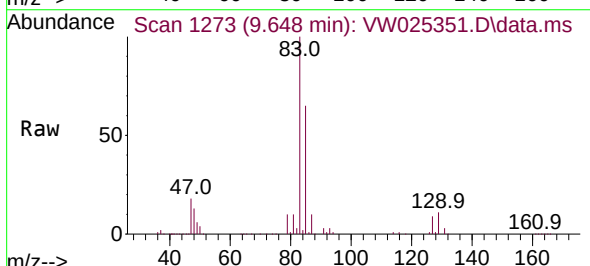
Tgt Ion: 83 Resp: 618563

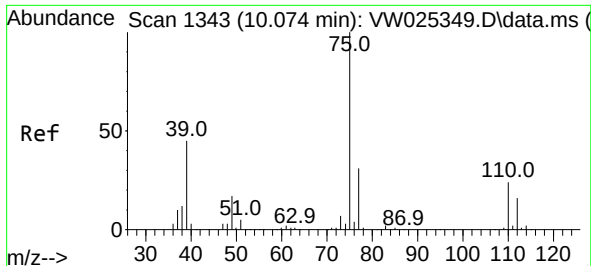
Ion Ratio Lower Upper

83 100

85 65.0 46.0 85.4

127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 100.291 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW025351.D

Acq: 22 Feb 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

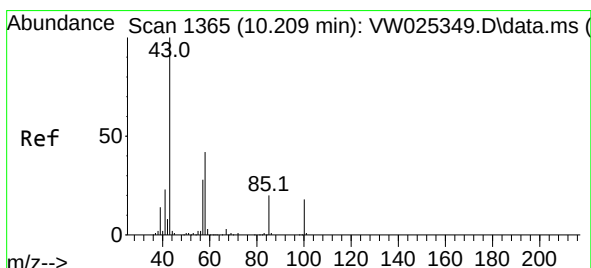
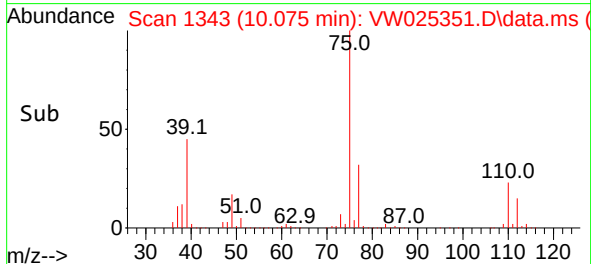
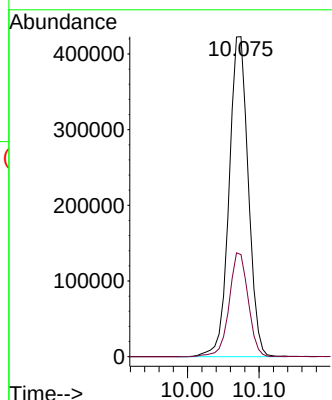
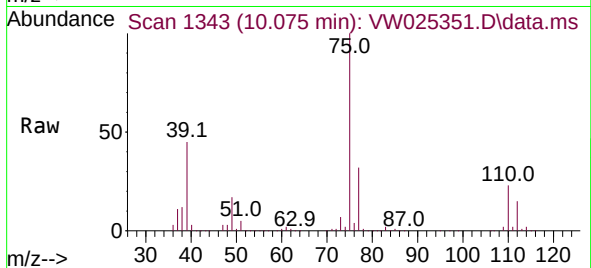
VSTD100429

Tgt Ion: 75 Resp: 787656

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 203.509 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025351.D

Acq: 22 Feb 2023 10:33

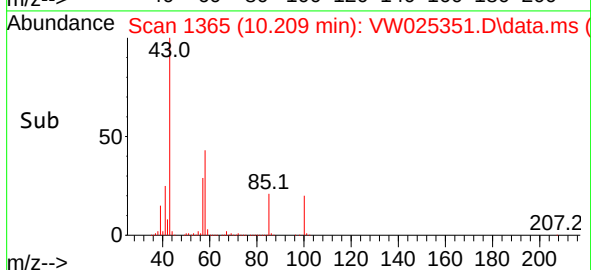
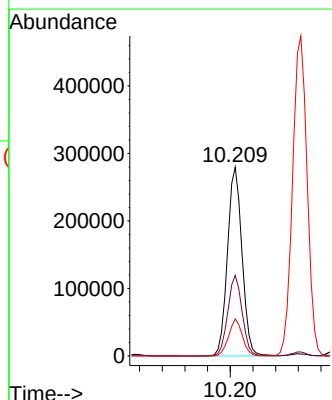
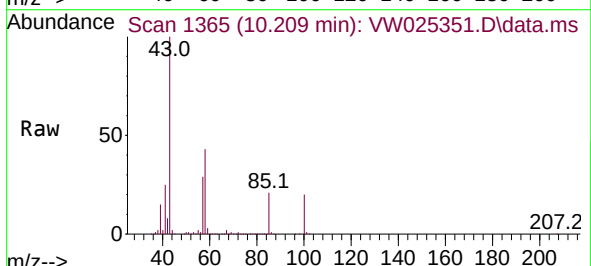
Tgt Ion: 43 Resp: 496971

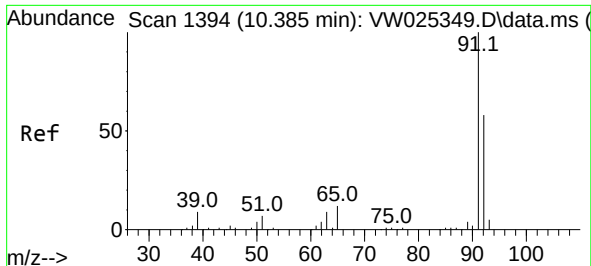
Ion Ratio Lower Upper

43 100

58 42.2 33.9 50.9

100 18.5 14.8 22.2

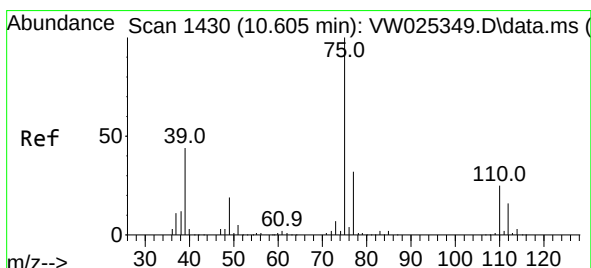
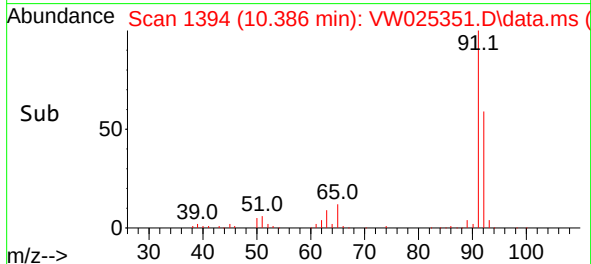
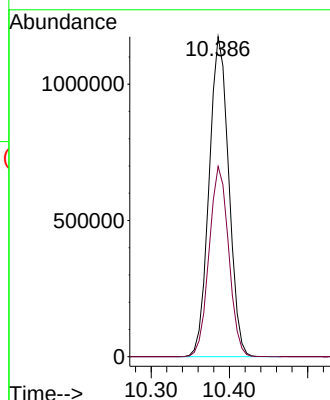
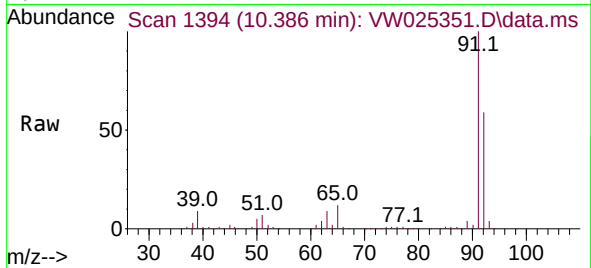




#42
Toluene
Concen: 95.665 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

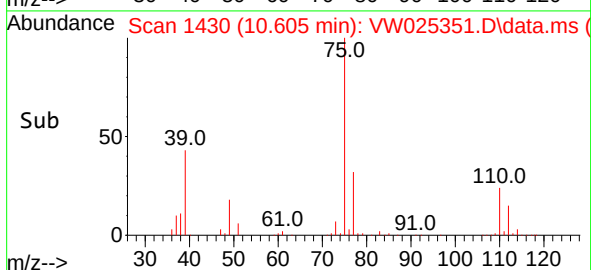
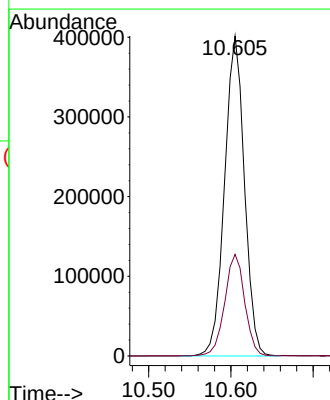
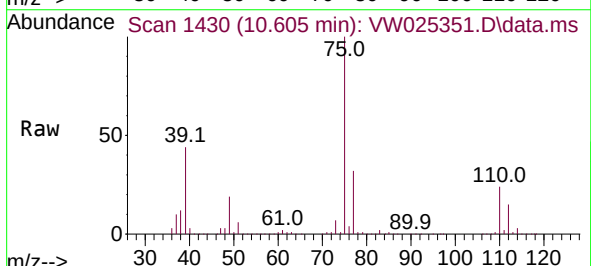
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

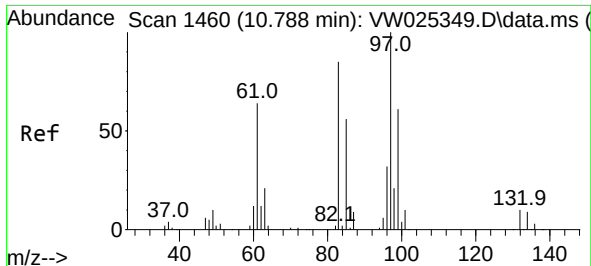
Tgt Ion: 91 Resp: 2043803
Ion Ratio Lower Upper
91 100
92 59.4 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 102.232 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Tgt Ion: 75 Resp: 674931
Ion Ratio Lower Upper
75 100
77 31.7 22.5 41.7

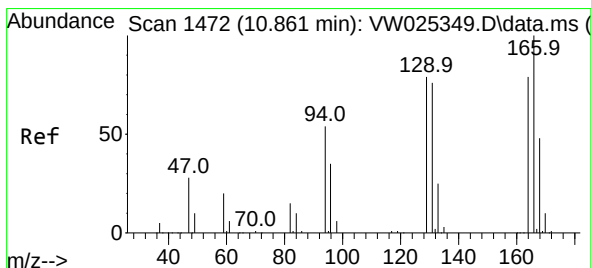
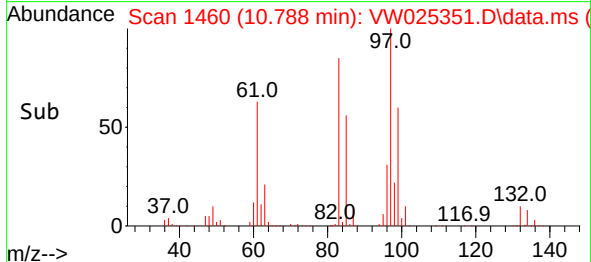
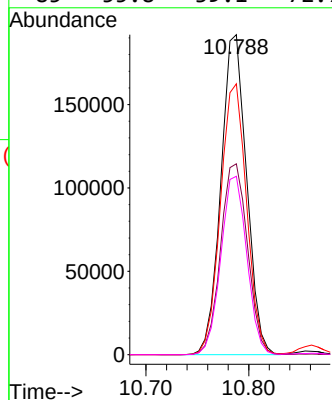
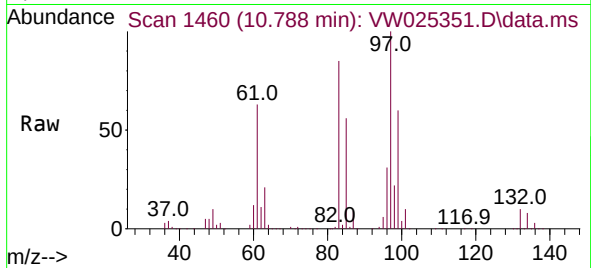




#45
1,1,2-Trichloroethane
Concen: 93.132 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

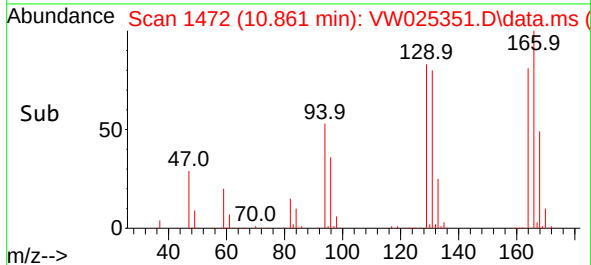
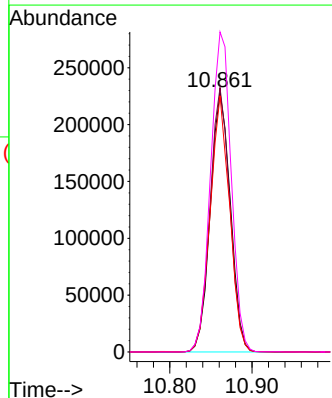
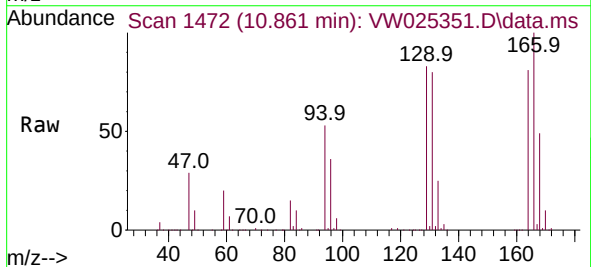
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

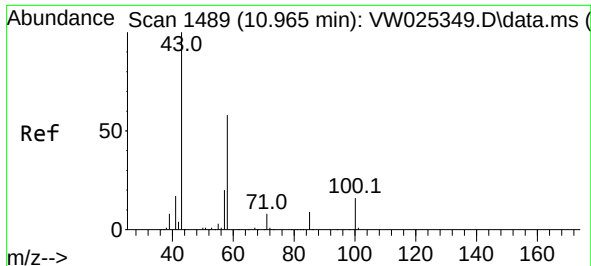
Tgt Ion:	97	Resp:	333447
Ion	Ratio	Lower	Upper
97	100		
99	59.6	42.6	79.0
83	84.7	59.3	110.1
85	55.8	39.1	72.7



#46
Tetrachloroethene
Concen: 92.669 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Tgt Ion:	164	Resp:	387821
Ion	Ratio	Lower	Upper
164	100		
129	101.8	69.6	129.2
131	98.7	67.4	125.2
166	123.3	88.5	164.3

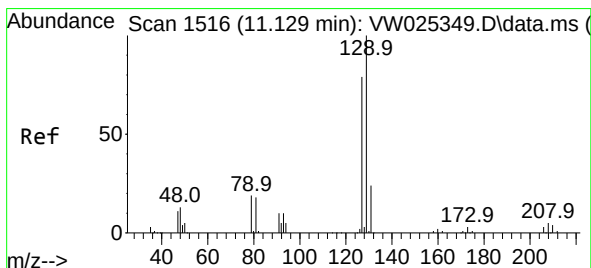
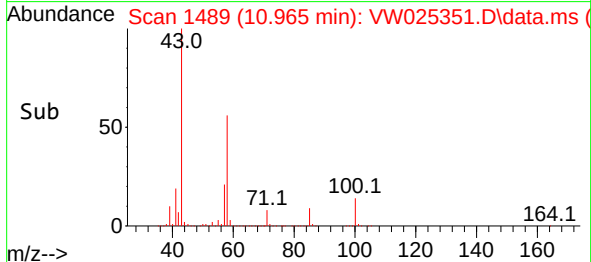
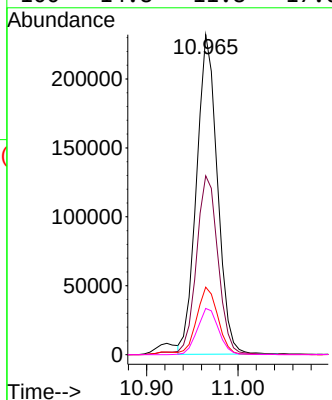
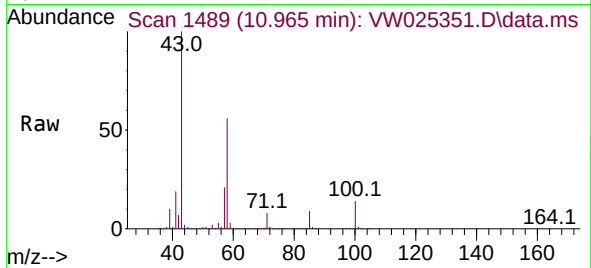




#48
2-Hexanone
Concen: 201.913 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

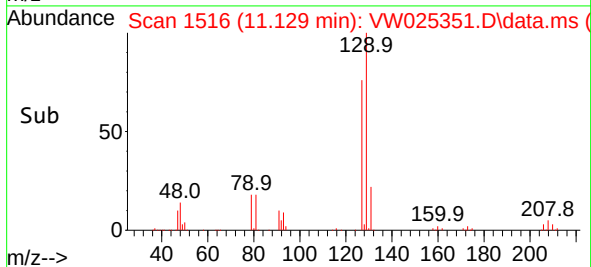
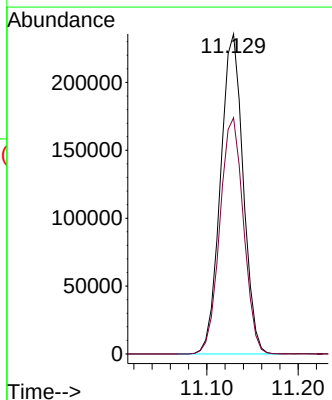
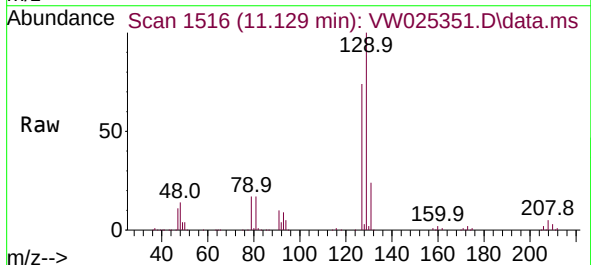
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

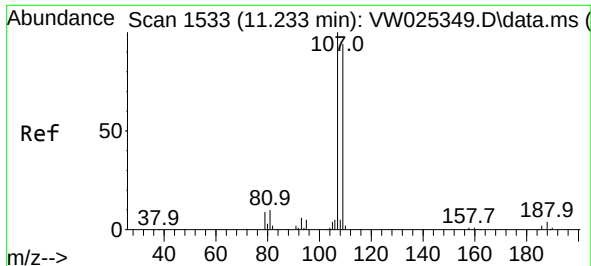
Tgt Ion:	43	Resp:	368019
Ion	Ratio	Lower	Upper
43	100		
58	57.7	47.0	70.4
57	21.4	17.0	25.4
100	14.8	11.8	17.6



#49
Dibromochloromethane
Concen: 98.325 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Tgt Ion:	129	Resp:	406646
Ion	Ratio	Lower	Upper
129	100		
127	73.8	55.3	102.7

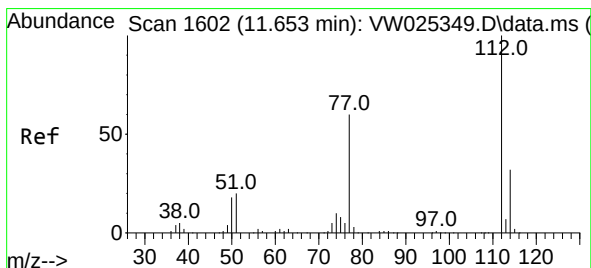
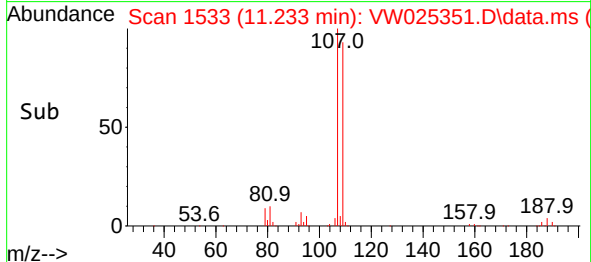
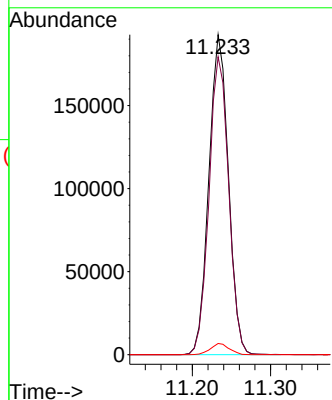
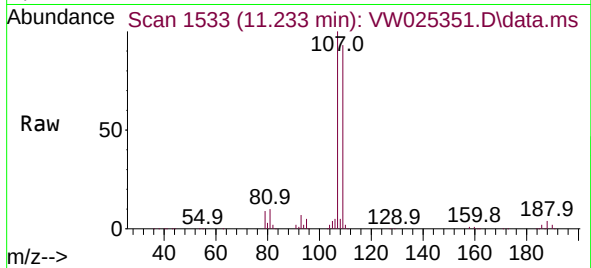




#50
1,2-Dibromoethane
Concen: 97.165 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

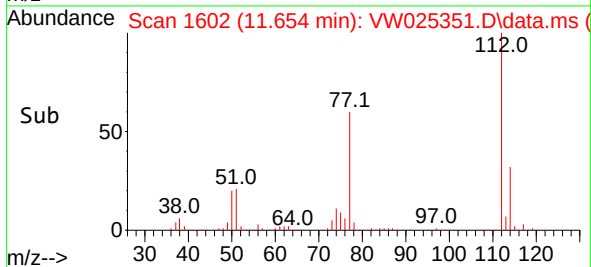
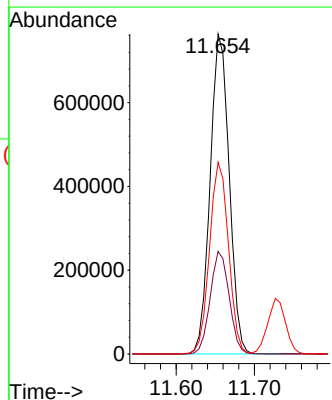
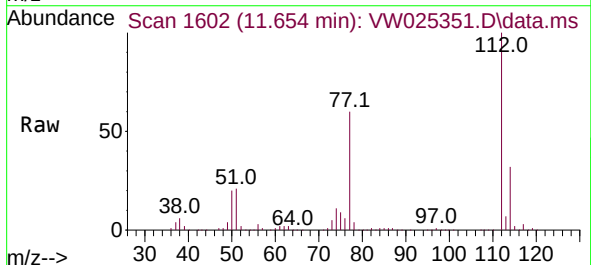
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

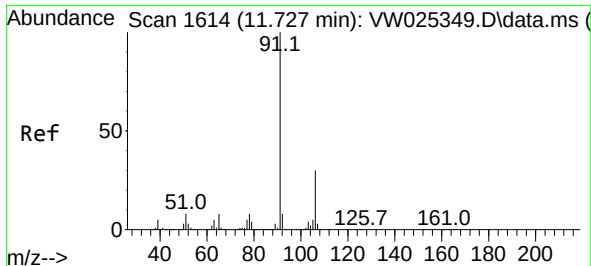
Tgt Ion:107 Resp: 333505
Ion Ratio Lower Upper
107 100
109 93.1 65.9 122.5
188 3.5 2.9 4.3



#51
Chlorobenzene
Concen: 93.984 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Tgt Ion:112 Resp: 1289492
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 59.9 48.2 72.2

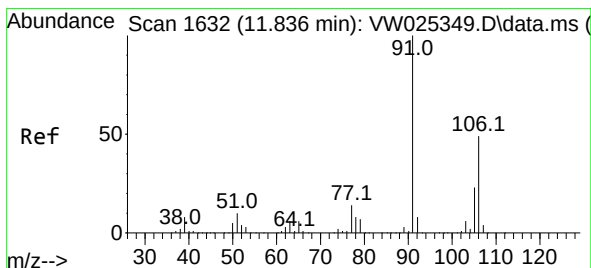
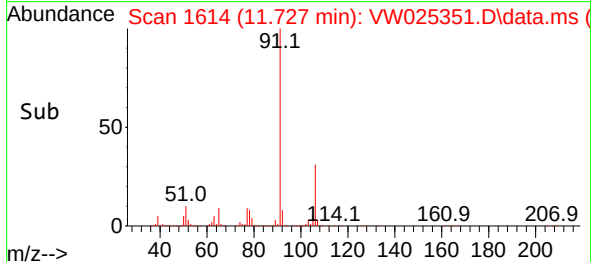
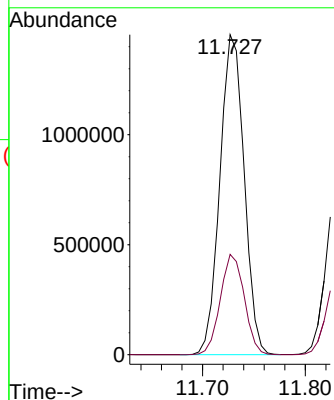
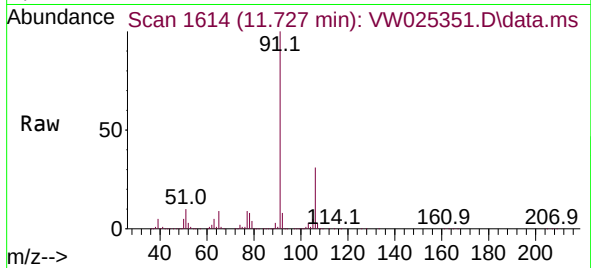




#52
Ethylbenzene
Concen: 96.207 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

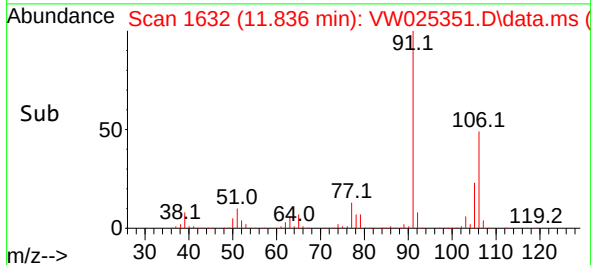
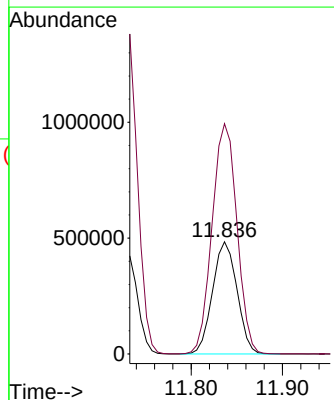
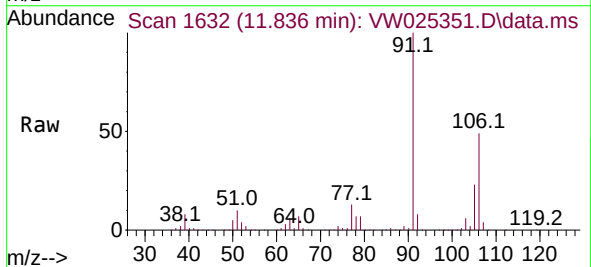
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

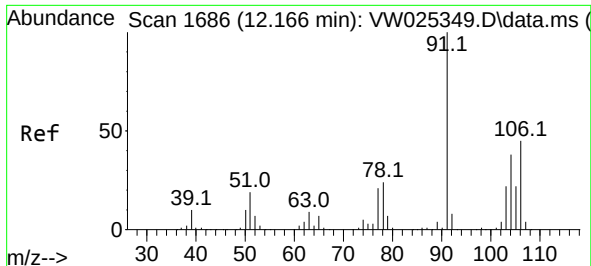
Tgt Ion: 91 Resp: 2381750
Ion Ratio Lower Upper
91 100
106 31.4 21.3 39.6



#53
m,p-Xylene
Concen: 95.631 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Tgt Ion: 106 Resp: 899542
Ion Ratio Lower Upper
106 100
91 205.3 144.1 267.7

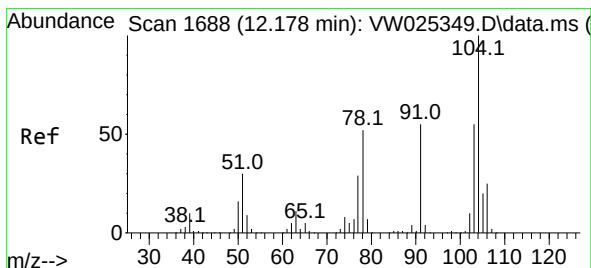
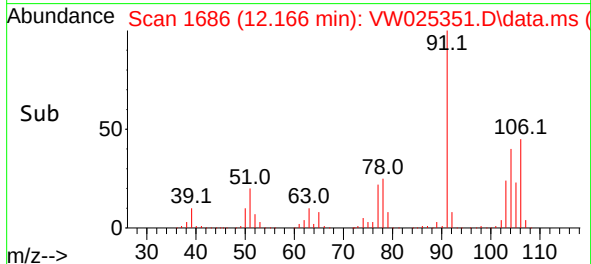
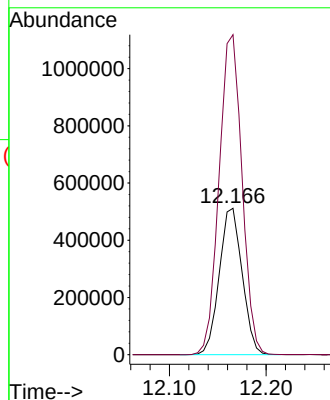
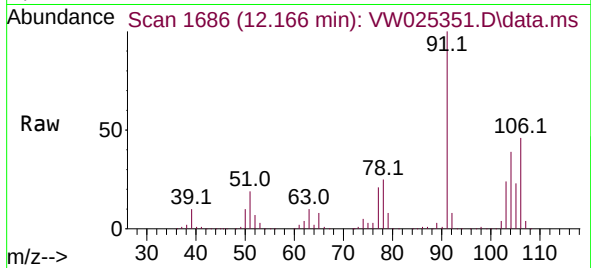




#54
o-Xylene
Concen: 96.580 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

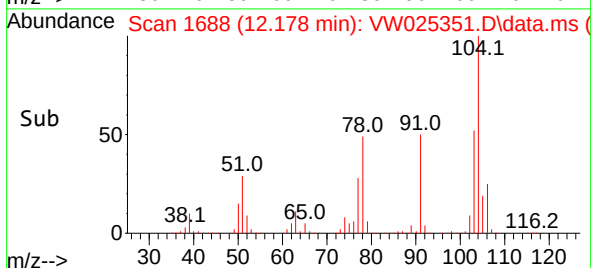
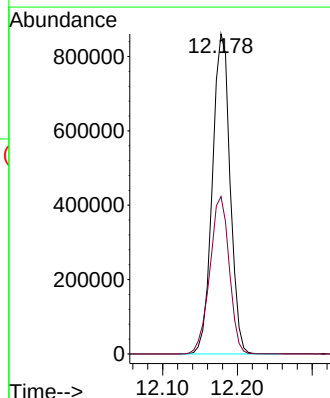
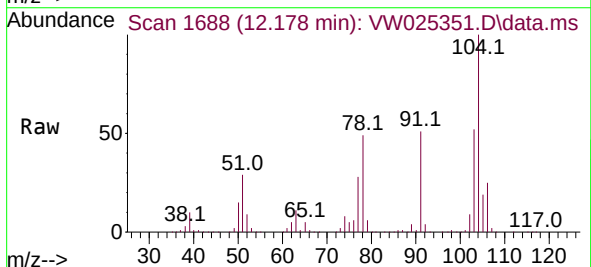
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

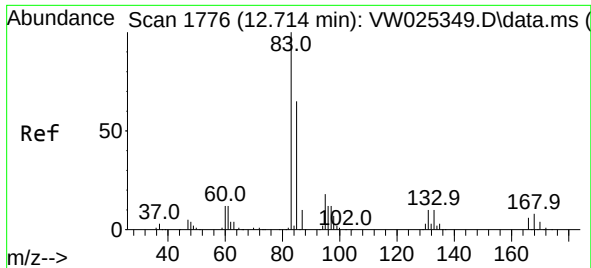
Tgt Ion:106 Resp: 839859
Ion Ratio Lower Upper
106 100
91 218.6 157.1 291.7



#55
Styrene
Concen: 96.195 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Tgt Ion:104 Resp: 1422623
Ion Ratio Lower Upper
104 100
78 49.2 36.6 68.0

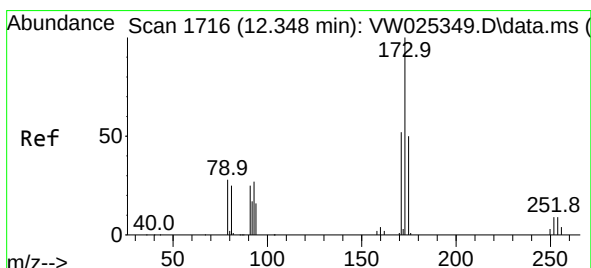
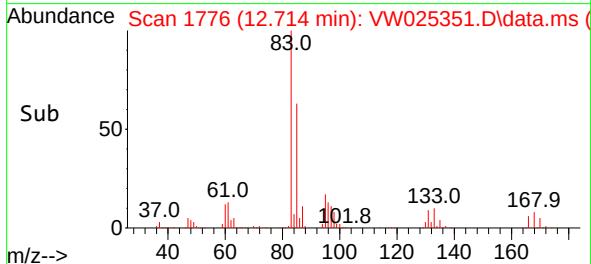
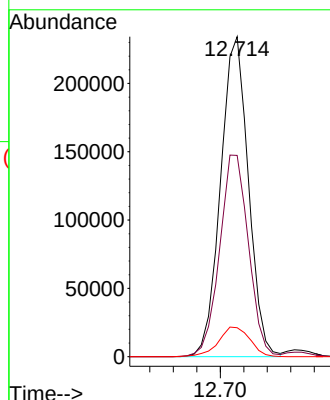
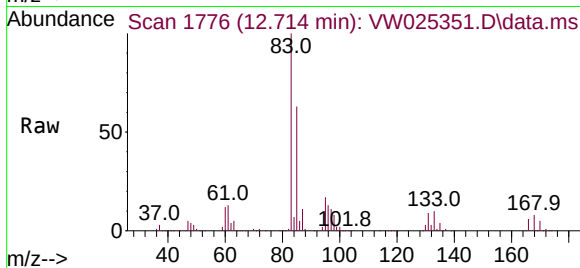




#57
1,1,2,2-Tetrachloroethane
Concen: 94.215 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

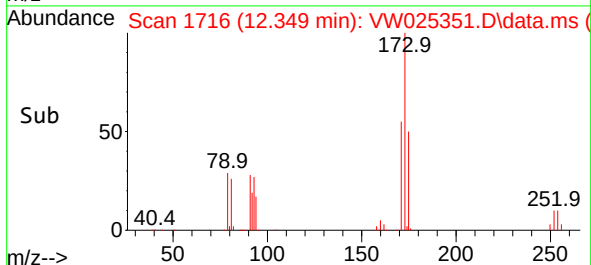
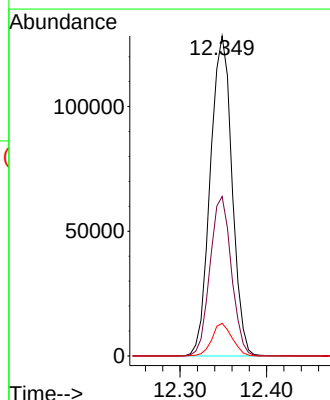
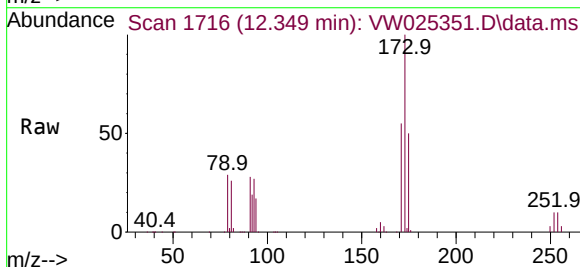
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

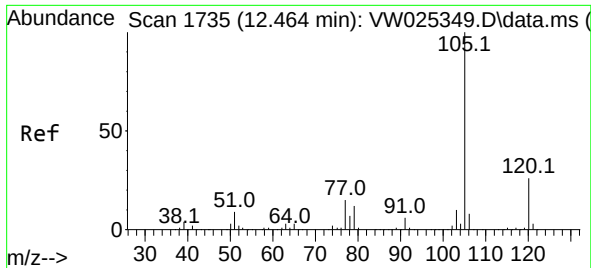
Tgt Ion: 83 Resp: 385096
Ion Ratio Lower Upper
83 100
85 62.9 45.6 84.6
131 9.1 8.2 12.2



#59
Bromoform
Concen: 96.814 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Tgt Ion:173 Resp: 223671
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.6
254 9.5 7.3 10.9

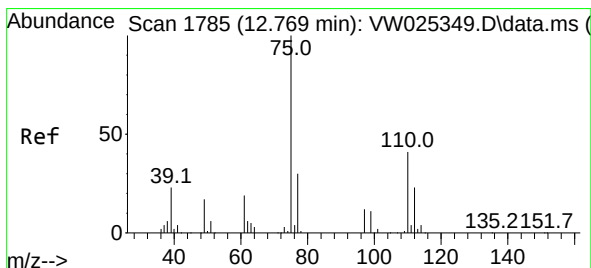
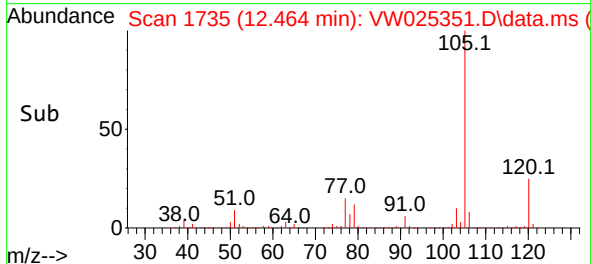
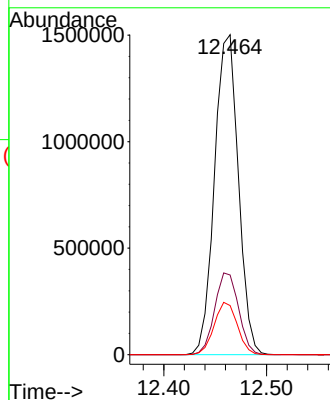
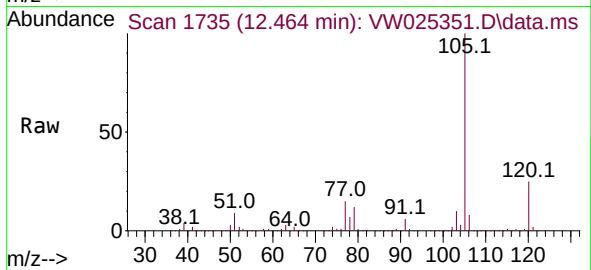




#60
Isopropylbenzene
Concen: 95.740 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

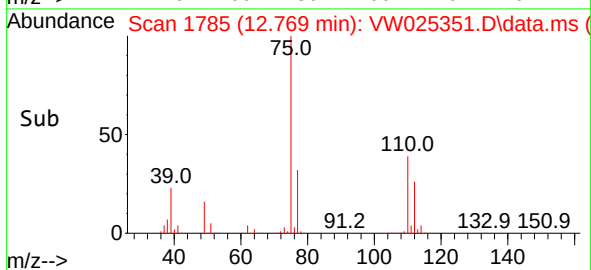
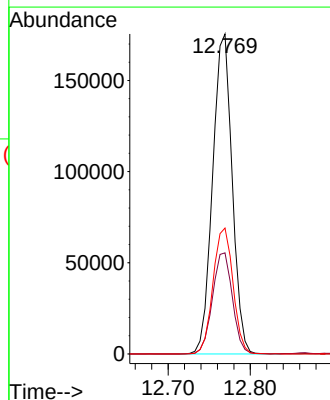
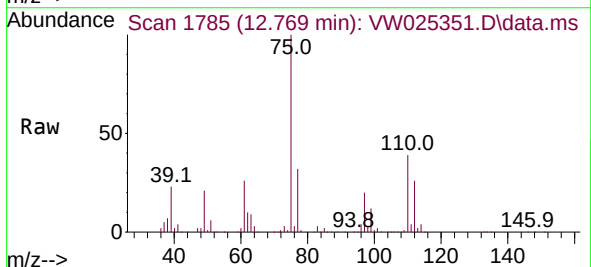
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

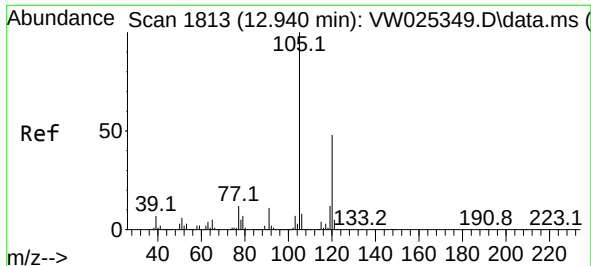
Tgt Ion:105 Resp: 2416576
Ion Ratio Lower Upper
105 100
120 25.6 20.6 30.8
77 16.0 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 94.686 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Tgt Ion: 75 Resp: 289510
Ion Ratio Lower Upper
75 100
77 32.3 26.3 39.5
110 40.2 32.6 49.0

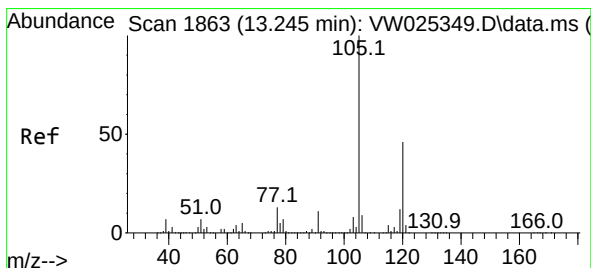
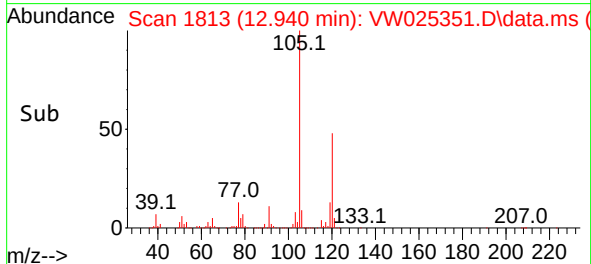
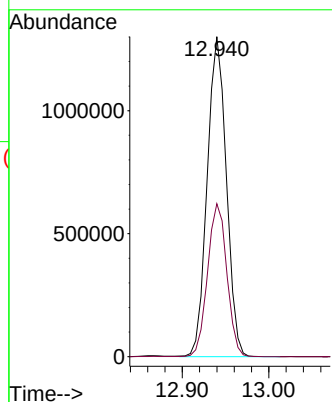
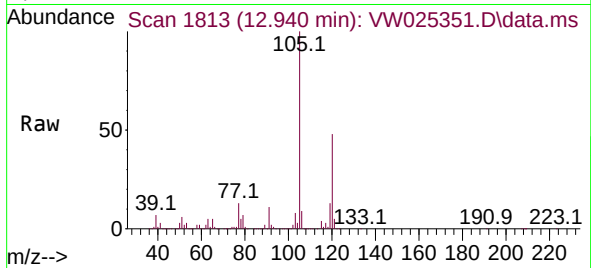




#62
1,3,5-Trimethylbenzene
Concen: 98.585 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

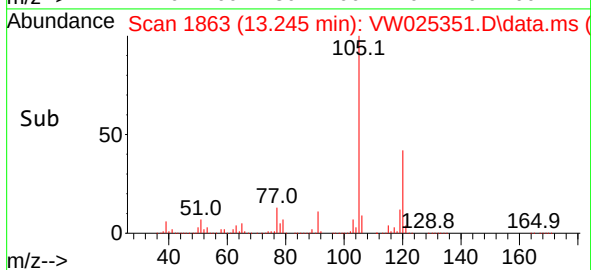
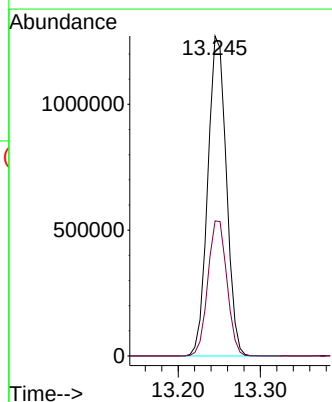
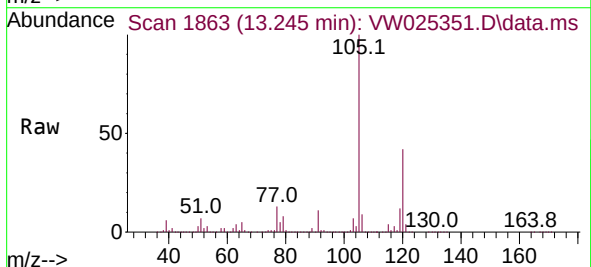
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

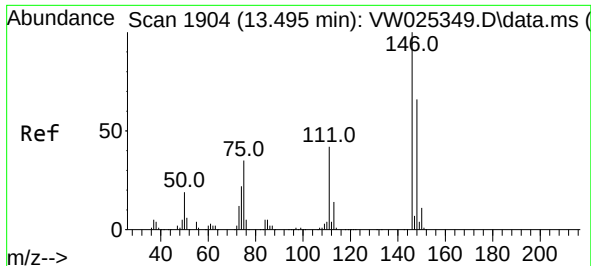
Tgt Ion:105 Resp: 1998433
Ion Ratio Lower Upper
105 100
120 48.1 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 103.896 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Tgt Ion:105 Resp: 1993613
Ion Ratio Lower Upper
105 100
120 43.3 35.6 53.4

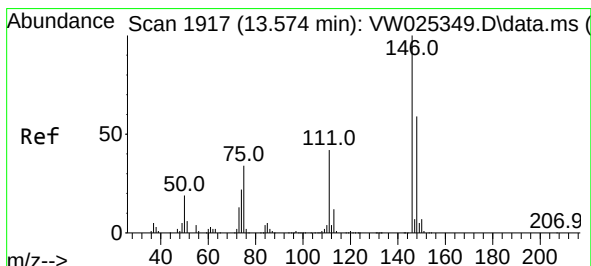
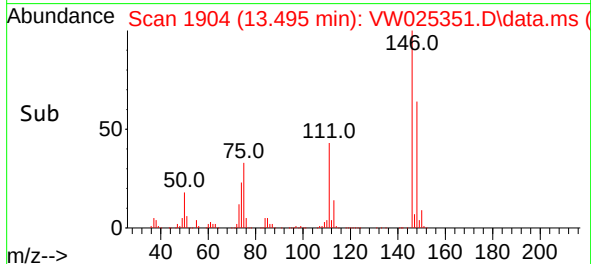
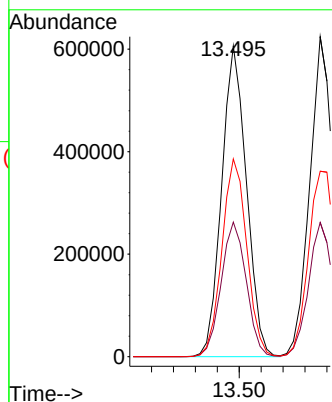
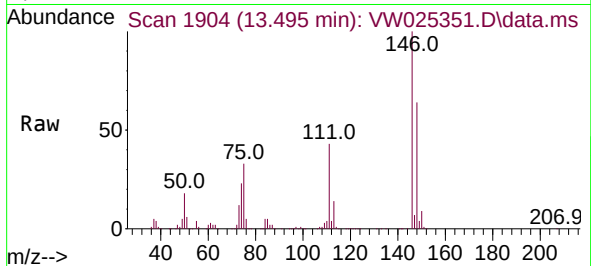




#64
1,3-Dichlorobenzene
Concen: 96.597 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

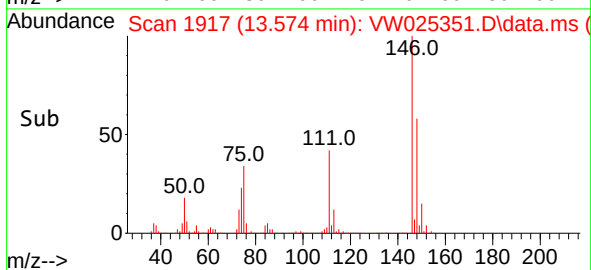
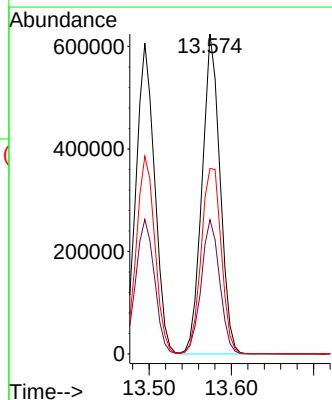
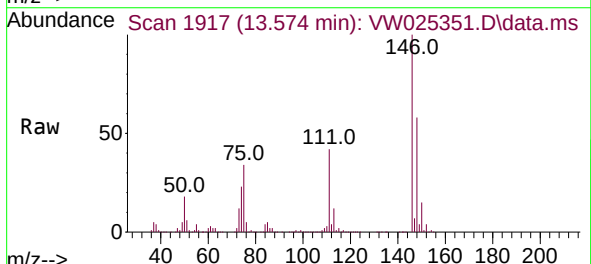
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

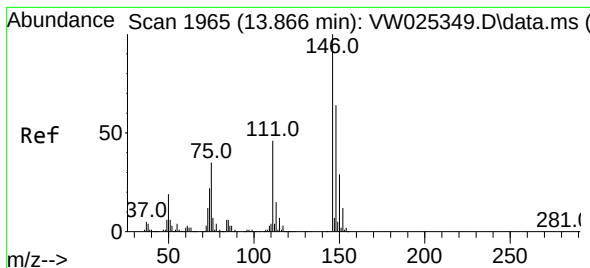
Tgt Ion:146 Resp: 953406
Ion Ratio Lower Upper
146 100
111 43.3 29.5 54.7
148 63.6 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 95.999 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025351.D
Acq: 22 Feb 2023 10:33

Tgt Ion:146 Resp: 949894
Ion Ratio Lower Upper
146 100
111 42.0 29.8 55.3
148 57.9 41.7 77.5





#67

1,2-Dichlorobenzene

Concen: 94.692 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025351.D

Acq: 22 Feb 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD100429

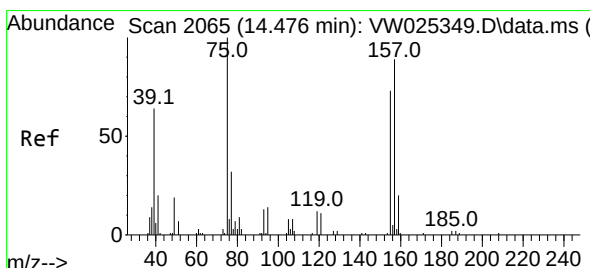
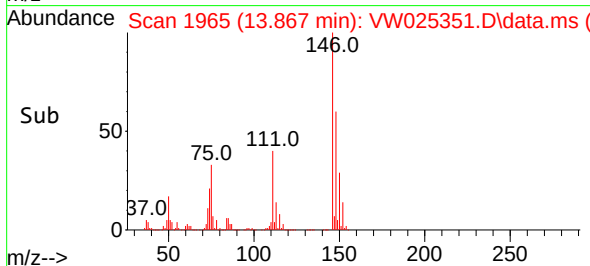
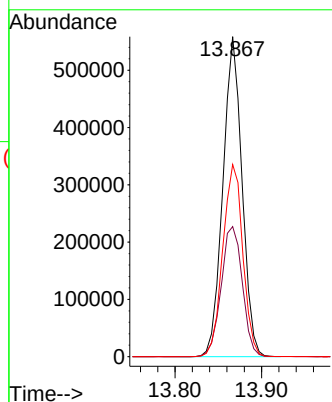
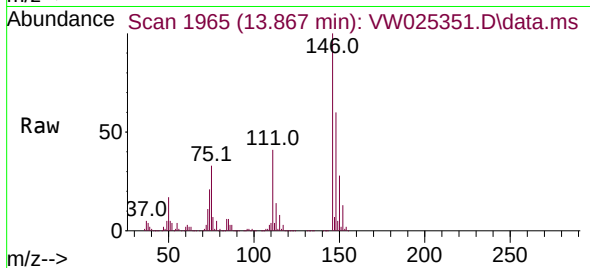
Tgt Ion:146 Resp: 857051

Ion Ratio Lower Upper

146 100

111 40.7 36.5 54.7

148 60.0 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 86.388 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW025351.D

Acq: 22 Feb 2023 10:33

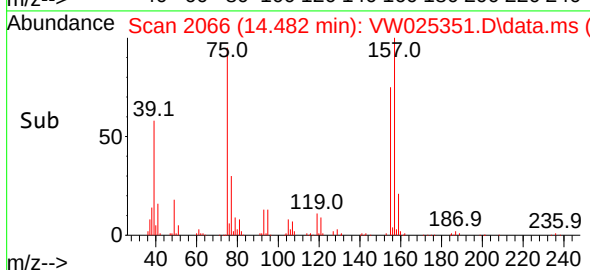
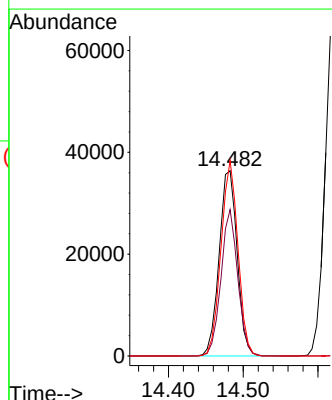
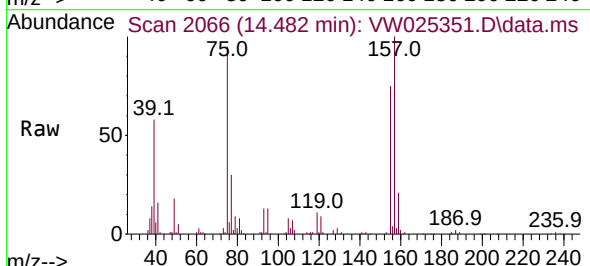
Tgt Ion: 75 Resp: 61032

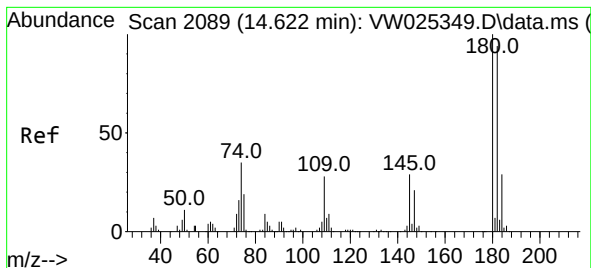
Ion Ratio Lower Upper

75 100

155 79.0 58.6 87.8

157 105.5 71.4 107.0





#69

1,3,5-Trichlorobenzene

Concen: 84.283 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025351.D

Acq: 22 Feb 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD100429

Tgt Ion:180 Resp: 569394

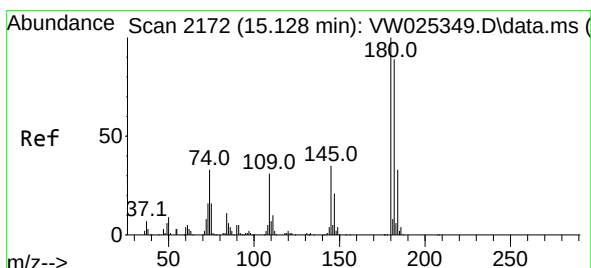
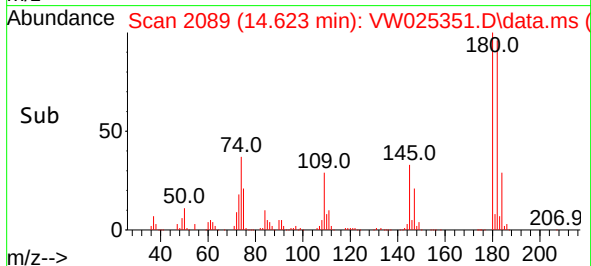
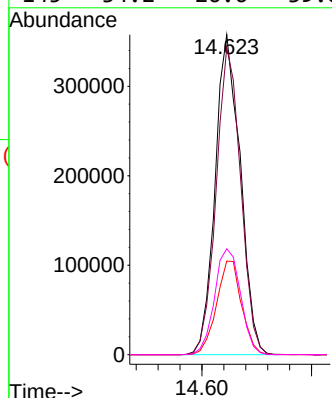
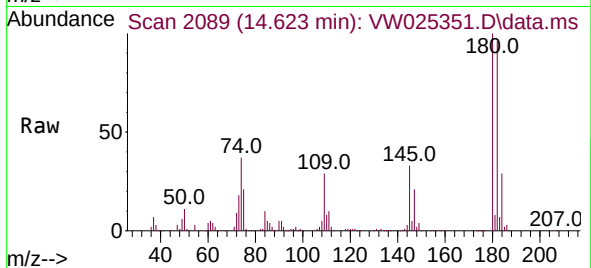
Ion Ratio Lower Upper

180 100

182 93.8 76.5 114.7

184 29.3 25.2 37.8

145 34.2 26.6 39.8



#70

1,2,4-trichlorobenzene

Concen: 81.569 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025351.D

Acq: 22 Feb 2023 10:33

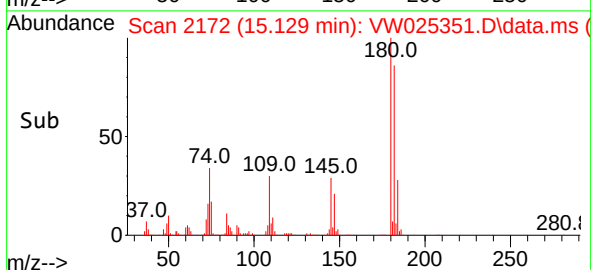
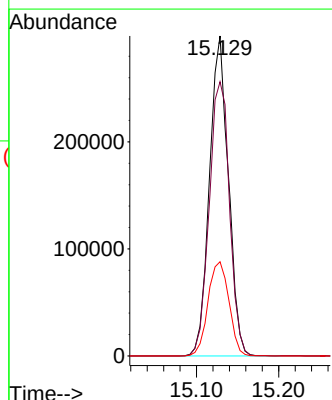
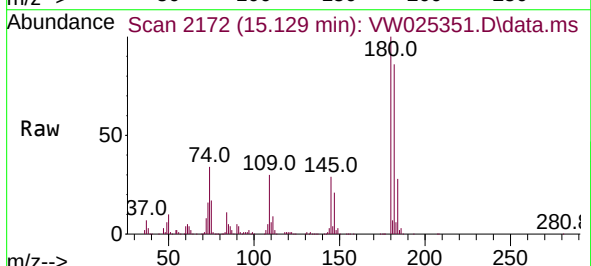
Tgt Ion:180 Resp: 478162

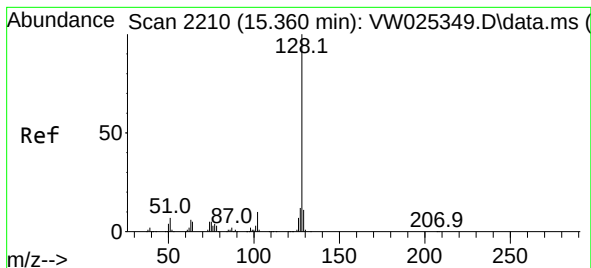
Ion Ratio Lower Upper

180 100

182 92.1 72.6 109.0

145 32.6 26.4 39.6





#71

Naphthalene

Concen: 86.734 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW025351.D

Acq: 22 Feb 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD100429

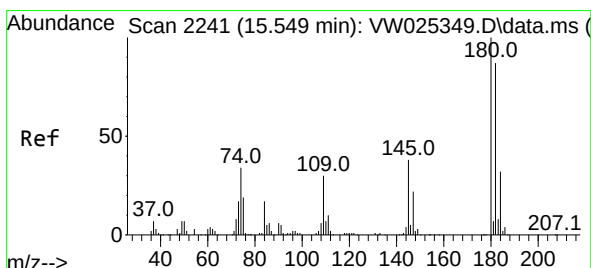
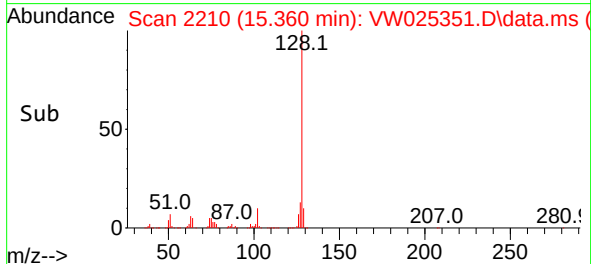
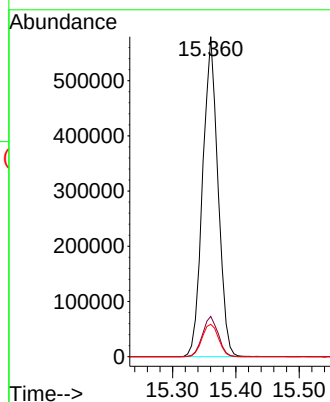
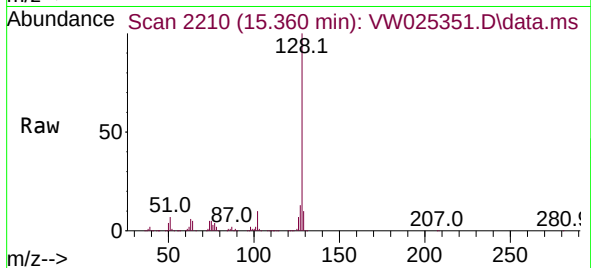
Tgt Ion:128 Resp: 977641

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 81.947 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW025351.D

Acq: 22 Feb 2023 10:33

Tgt Ion:180 Resp: 407969

Ion Ratio Lower Upper

180 100

182 94.1 76.6 115.0

145 36.3 29.3 43.9

