

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
 Data File : VW026332.D
 Acq On : 26 Jun 2023 12:48
 Operator : SY/MD
 Sample : VSTD10069
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100469

Quant Time: Jun 27 01:27:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 27 01:25:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	724680	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	665192	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	287104	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	1136469	107.976	ug/L	0.00
7) Chloroethane-d5	2.893	69	770113	102.729	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	512486	107.522	ug/L	0.00
21) 2-Butanone-d5	7.069	46	665982	201.757	ug/L	-0.01
24) Chloroform-d	7.648	84	2006437	97.708	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	1123401	97.362	ug/L	0.00
32) Benzene-d6	8.276	84	4119899	100.061	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	1328165	99.271	ug/L	0.00
41) Toluene-d8	10.325	98	3717424	103.149	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	570161	106.140	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	459613	223.684	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	984588	93.473	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	1053980	105.435	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	903691	105.432	ug/L	99
3) Chloromethane	2.229	50	1321280	104.896	ug/L	99
5) Vinyl chloride	2.375	62	1264668	96.563	ug/L	98
6) Bromomethane	2.783	94	692503	96.335	ug/L	96
8) Chloroethane	2.930	64	673044	95.839	ug/L	99
9) Trichlorofluoromethane	3.265	101	980092	106.096	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	972385	98.505	ug/L	98
12) 1,1-Dichloroethene	4.051	96	943063	100.645	ug/L	96
13) Acetone	4.112	43	426461	161.030	ug/L	99
14) Carbon disulfide	4.387	76	3235671	97.722	ug/L	100
15) Methyl Acetate	4.667	43	588283	97.850	ug/L	100
16) Methylene chloride	4.923	84	988946	80.432	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	1036873	100.496	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	1666774	103.475	ug/L	99
19) 1,1-Dichloroethane	6.216	63	2097166	97.229	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	1134642	101.947	ug/L	98
22) 2-Butanone	7.167	43	762621	188.211	ug/L	99
23) Bromochloromethane	7.514	128	461683	96.712	ug/L	96
25) Chloroform	7.679	83	1908894	95.492	ug/L	100
27) 1,2-Dichloroethane	8.398	62	1354595	94.428	ug/L	97
29) Cyclohexane	7.959	56	2054421	106.955	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	1515689	94.190	ug/L	99
31) Carbon tetrachloride	8.069	117	1374340	95.007	ug/L	99
33) Benzene	8.325	78	4279832	95.251	ug/L	100
34) Trichloroethene	9.093	95	1126710	97.938	ug/L	98
35) Methylcyclohexane	9.337	83	2045495	103.682	ug/L	99
37) 1,2-Dichloropropane	9.368	63	1192378	96.124	ug/L	100
38) Bromodichloromethane	9.642	83	1398249	96.991	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	1901673	105.732	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	1710249	211.067	ug/L	98
42) Toluene	10.386	91	4438633	98.473	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	1589333	104.686	ug/L	99

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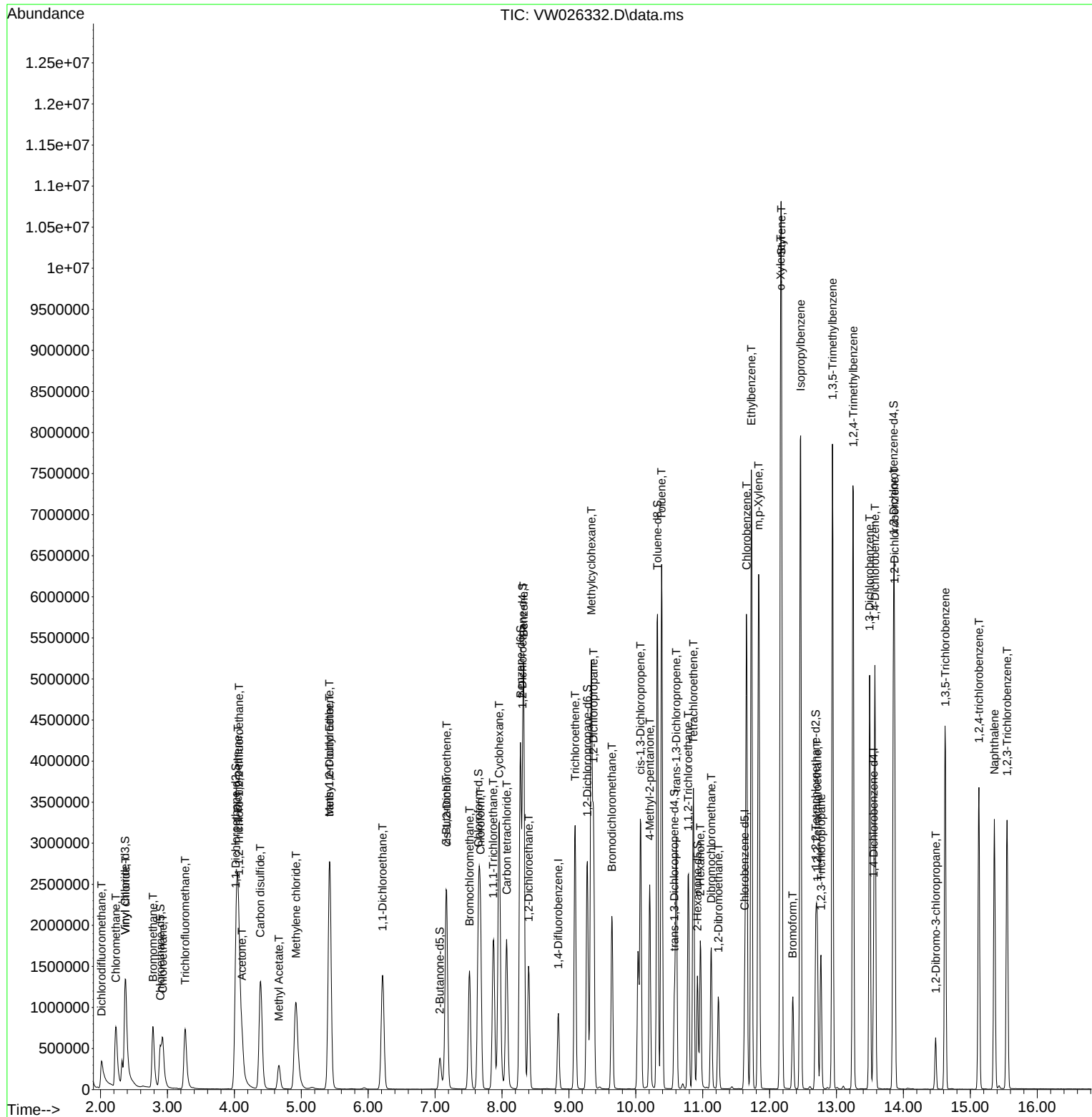
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	806225	95.918	ug/L	99
46) Tetrachloroethene	10.861	164	806666	99.527	ug/L	88
48) 2-Hexanone	10.965	43	1195038	209.020	ug/L	98
49) Dibromochloromethane	11.129	129	860494	99.981	ug/L	98
50) 1,2-Dibromoethane	11.233	107	757091	98.109	ug/L	100
51) Chlorobenzene	11.654	112	2772409	96.471	ug/L	100
52) Ethylbenzene	11.727	91	5072892	99.879	ug/L	95
53) m,p-Xylene	11.837	106	1912232	103.234	ug/L	89
54) o-Xylene	12.166	106	1839789	105.488	ug/L	85
55) Styrene	12.178	104	3187960	104.802	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	952258	90.636	ug/L	97
59) Bromoform	12.343	173	485638	111.815	ug/L	99
60) Isopropylbenzene	12.465	105	5050821	117.051	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	711302	101.920	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	3964210	118.513	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	3876808	120.169	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	1924641	104.136	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	1800678	97.355	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	1651744	100.343	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	164808	102.646	ug/L	97
69) 1,3,5-Trichlorobenzene	14.629	180	1283255	108.053	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	1086412	111.781	ug/L	98
71) Naphthalene	15.360	128	2578134	131.959	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	995268	109.682	ug/L	99

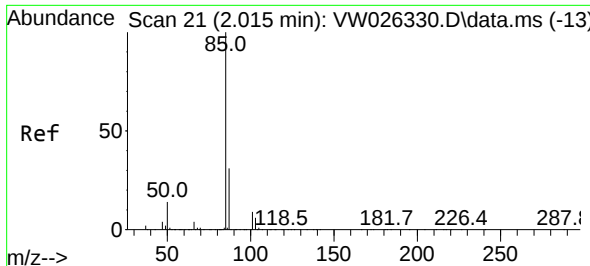
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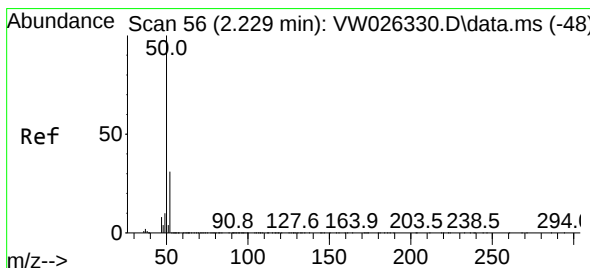
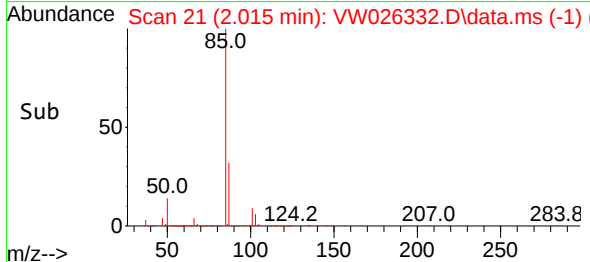
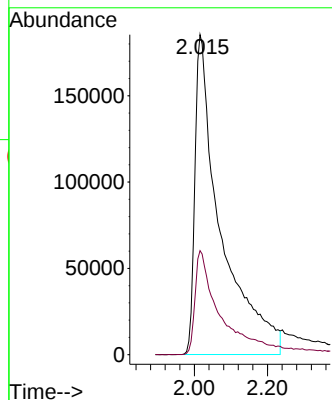
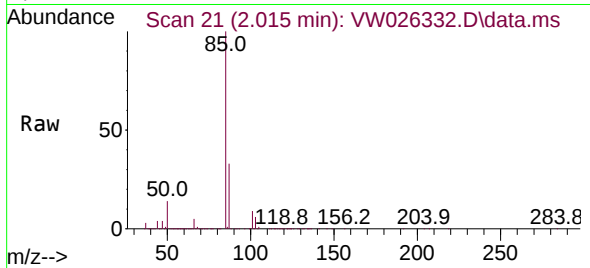




#2
 Dichlorodifluoromethane
 Concen: 105.432 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026332.D
 Acq: 26 Jun 2023 12:48

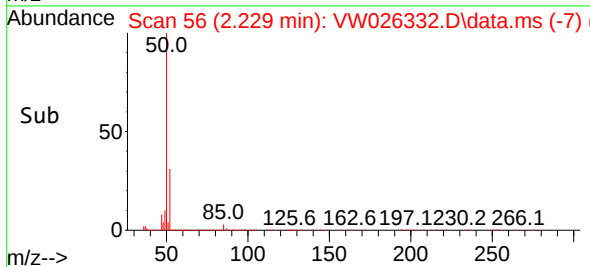
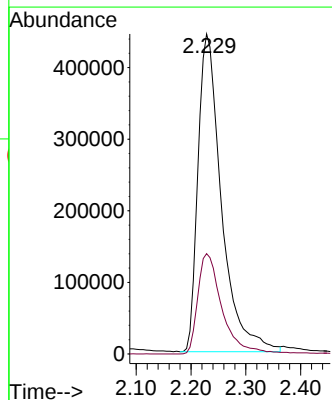
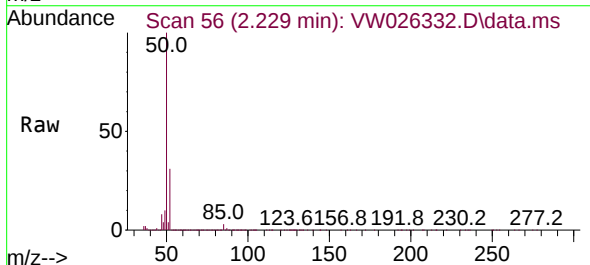
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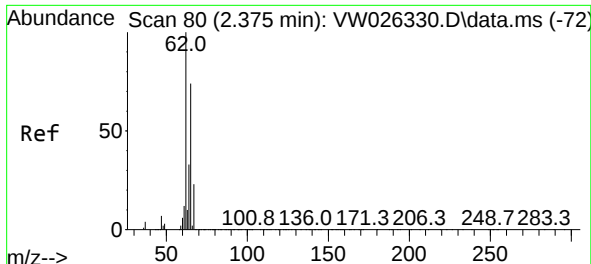
Tgt Ion: 85 Resp: 903691
 Ion Ratio Lower Upper
 85 100
 87 31.2 25.2 37.8



#3
 Chloromethane
 Concen: 104.896 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW026332.D
 Acq: 26 Jun 2023 12:48

Tgt Ion: 50 Resp: 1321280
 Ion Ratio Lower Upper
 50 100
 52 31.4 21.4 39.8

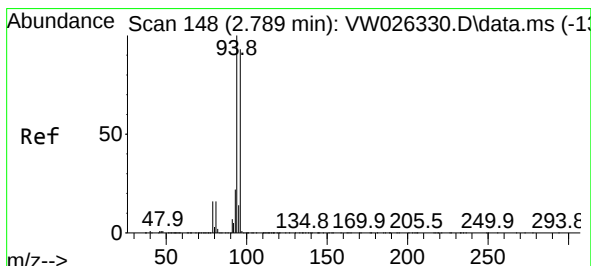
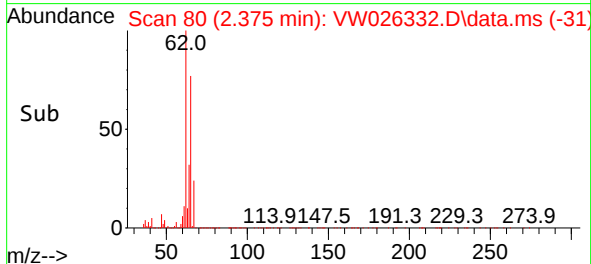
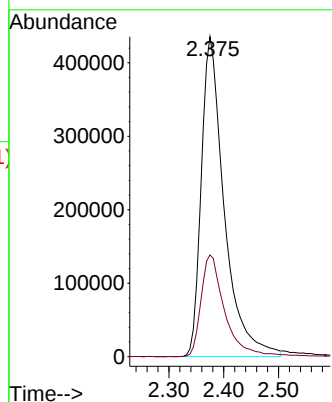
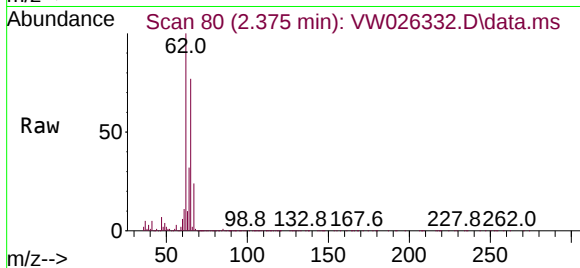




#5
 Vinyl chloride
 Concen: 96.563 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026332.D
 Acq: 26 Jun 2023 12:48

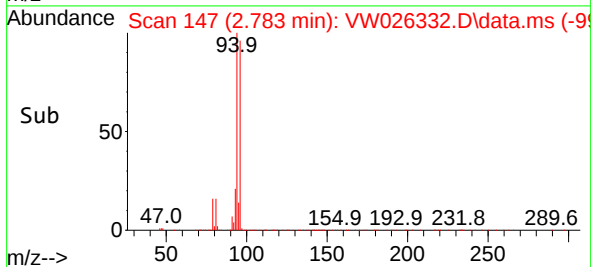
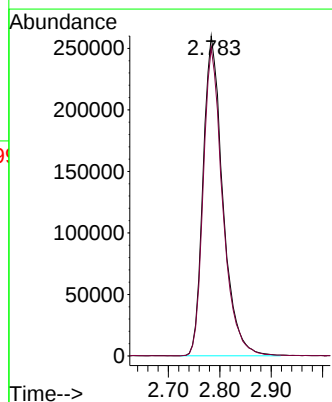
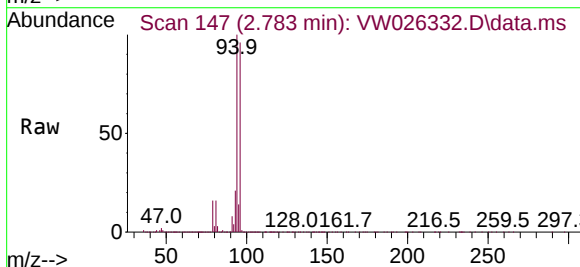
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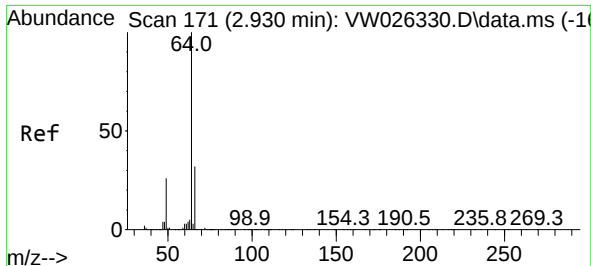
Tgt Ion: 62 Resp: 1264668
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.0 42.8



#6
 Bromomethane
 Concen: 96.335 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026332.D
 Acq: 26 Jun 2023 12:48

Tgt Ion: 94 Resp: 692503
 Ion Ratio Lower Upper
 94 100
 96 96.3 64.6 120.0

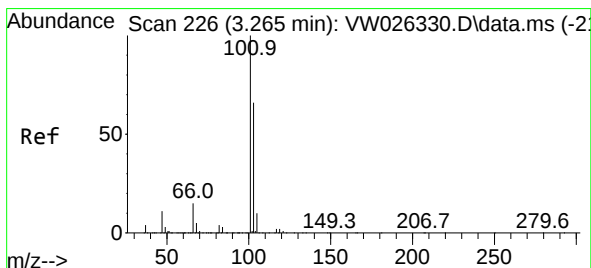
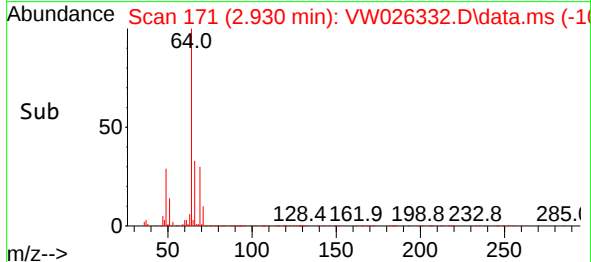
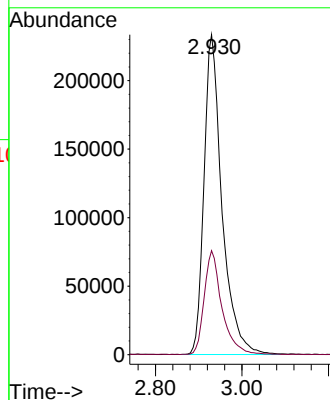
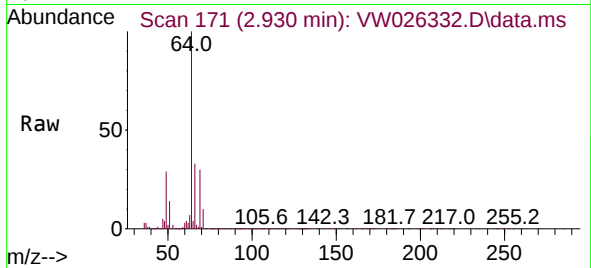




#8
Chloroethane
Concen: 95.839 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

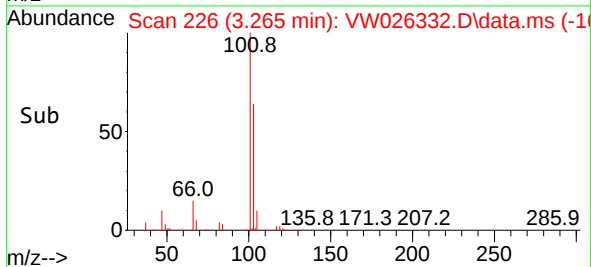
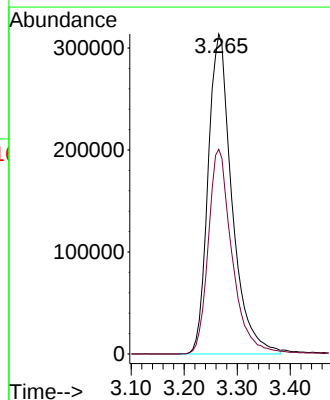
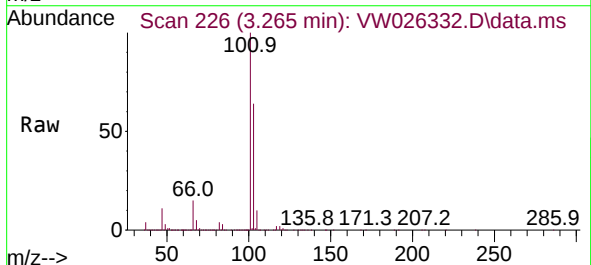
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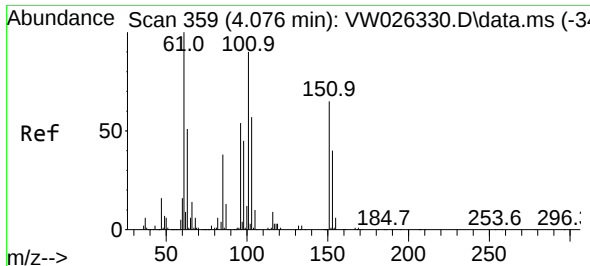
Tgt Ion: 64 Resp: 673044
Ion Ratio Lower Upper
64 100
66 32.5 22.5 41.7



#9
Trichlorofluoromethane
Concen: 106.096 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Tgt Ion: 101 Resp: 980092
Ion Ratio Lower Upper
101 100
103 63.5 52.9 79.3

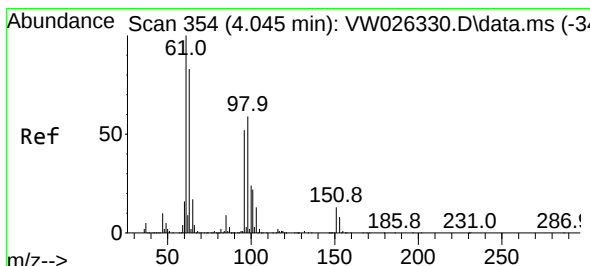
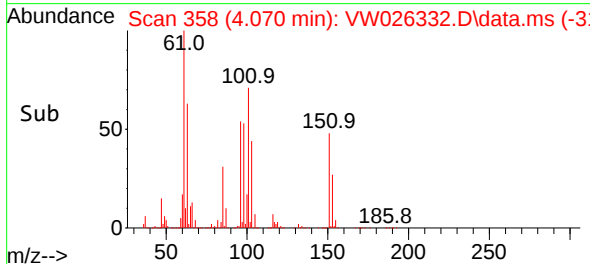
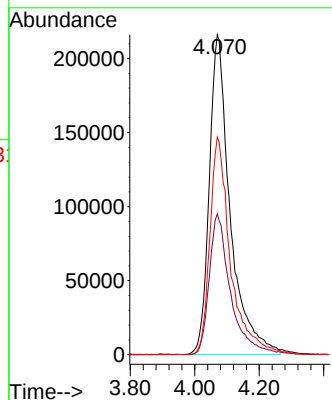
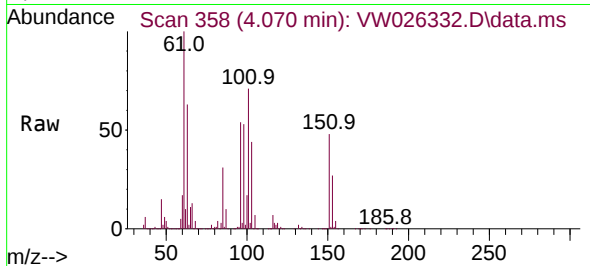




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 98.505 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW026332.D
 Acq: 26 Jun 2023 12:48

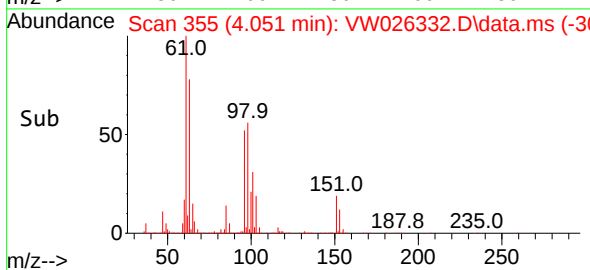
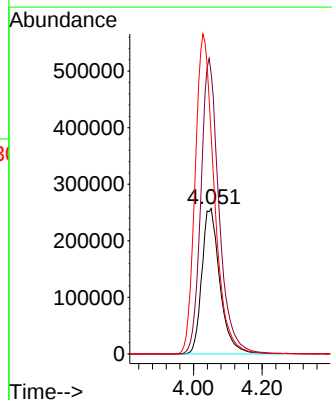
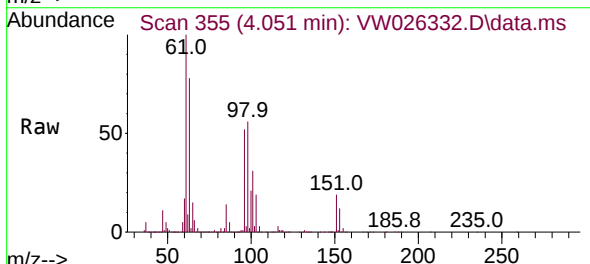
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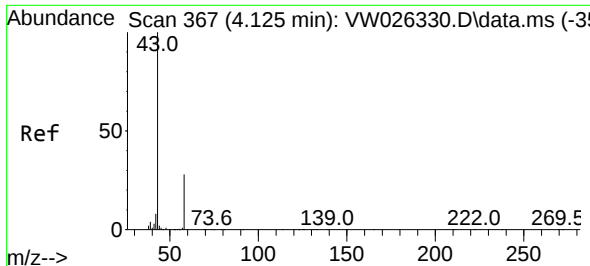
Tgt Ion:101 Resp: 972385
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.4 53.0
 151 67.3 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 100.645 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026332.D
 Acq: 26 Jun 2023 12:48

Tgt Ion: 96 Resp: 943063
 Ion Ratio Lower Upper
 96 100
 61 192.7 134.3 249.3
 63 149.5 112.3 208.5

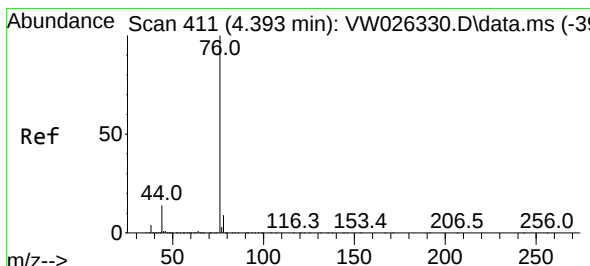
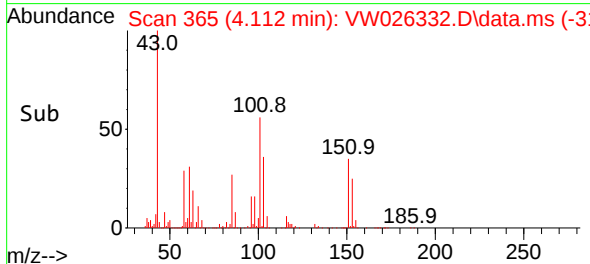
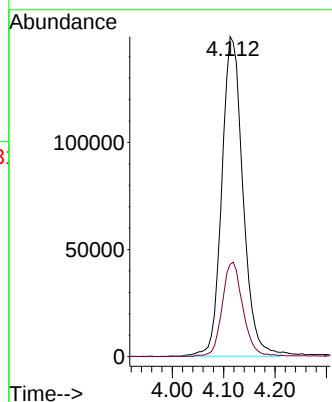
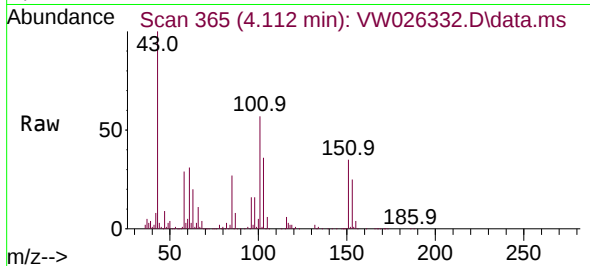




#13
Acetone
Concen: 161.030 ug/L
RT: 4.112 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

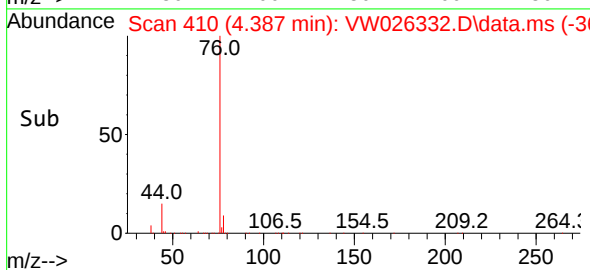
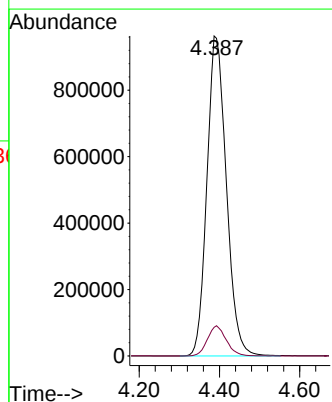
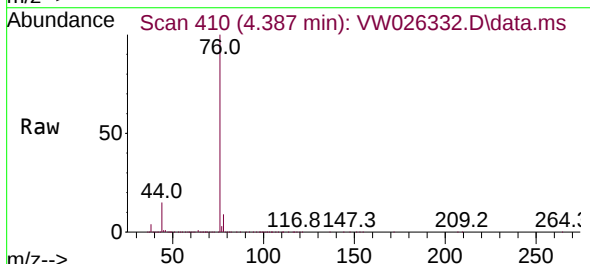
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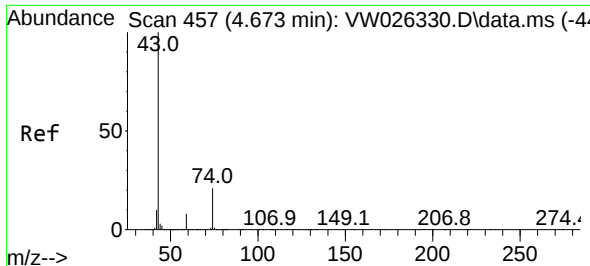
Tgt Ion: 43 Resp: 426461
Ion Ratio Lower Upper
43 100
58 28.6 0.0 55.8



#14
Carbon disulfide
Concen: 97.722 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 3235671
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

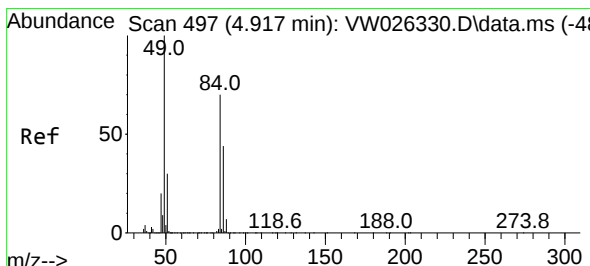
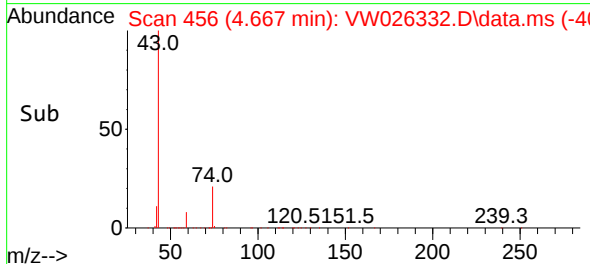
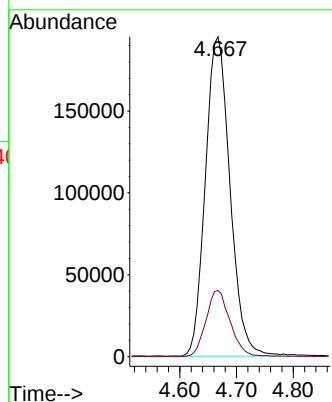
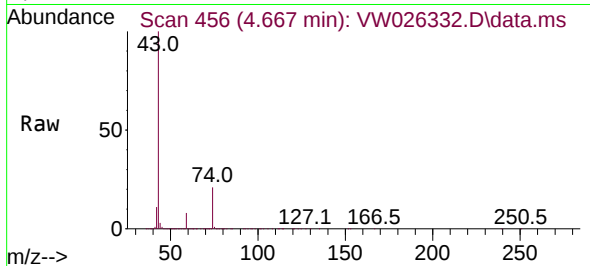




#15
Methyl Acetate
Concen: 97.850 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

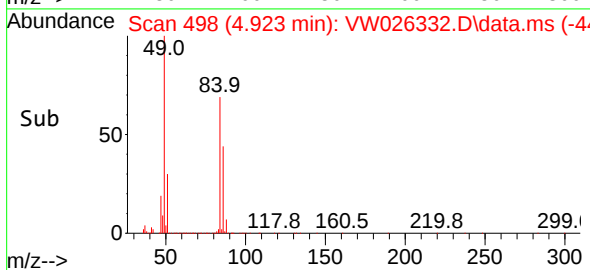
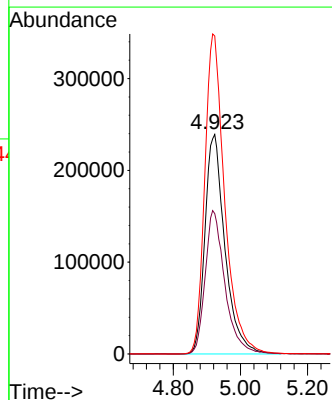
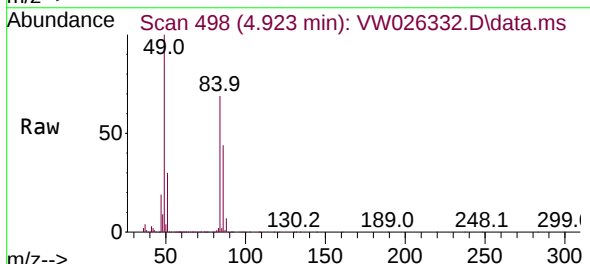
Instrument :
MSVOA_W
ClientSampleId :
VSTD100469

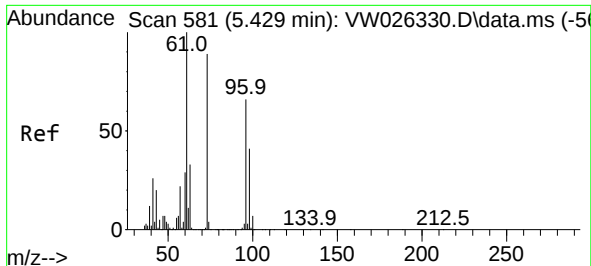
Tgt Ion: 43 Resp: 588283
Ion Ratio Lower Upper
43 100
74 20.4 16.3 24.5



#16
Methylene chloride
Concen: 80.432 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Tgt Ion: 84 Resp: 988946
Ion Ratio Lower Upper
84 100
86 63.9 43.9 81.5
49 144.8 100.4 186.4

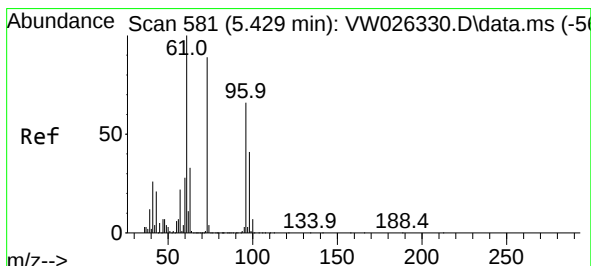
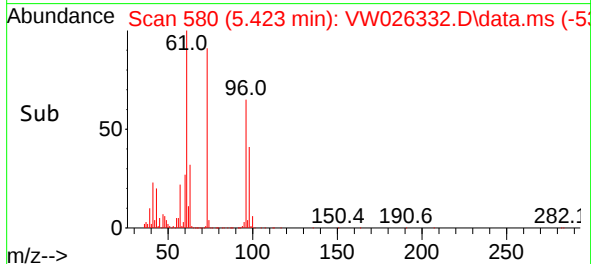
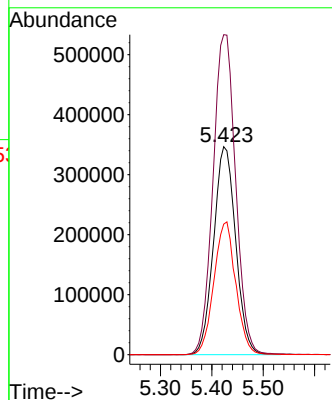
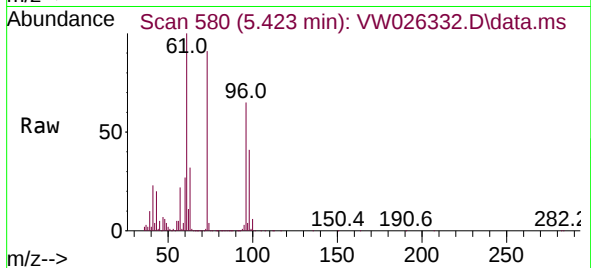




#17
trans-1,2-Dichloroethene
Concen: 100.496 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

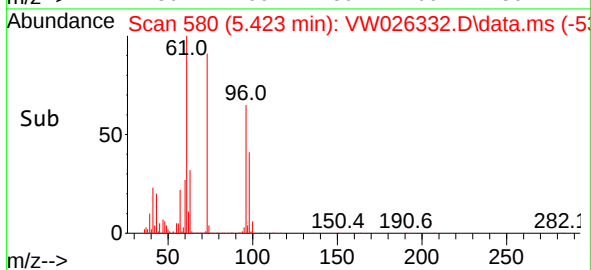
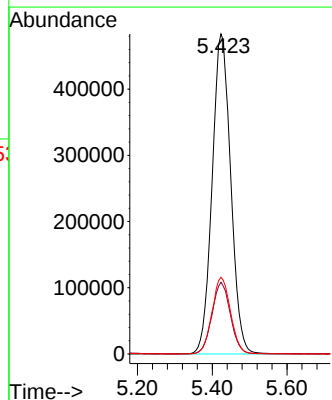
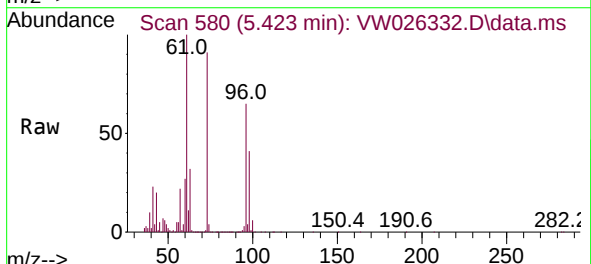
Instrument :
MSVOA_W
ClientSampleId :
VSTD100469

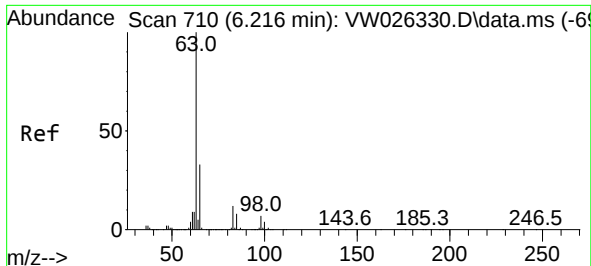
Tgt Ion: 96 Resp: 1036873
Ion Ratio Lower Upper
96 100
61 153.8 106.1 197.1
98 62.8 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 103.475 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Tgt Ion: 73 Resp: 1666774
Ion Ratio Lower Upper
73 100
43 22.1 18.1 27.1
57 23.8 19.5 29.3





#19

1,1-Dichloroethane

Concen: 97.229 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

Instrument :

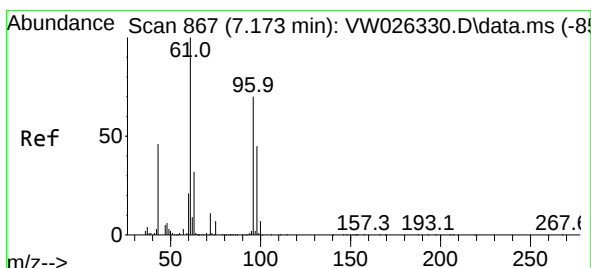
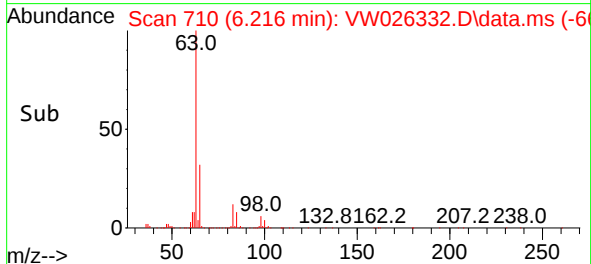
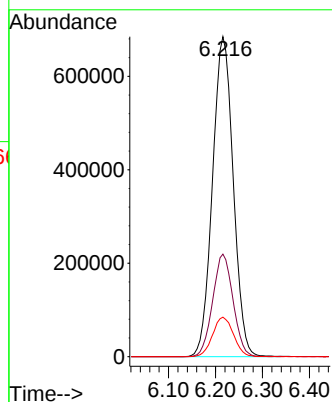
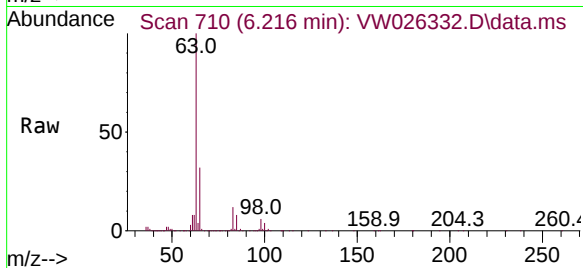
MSVOA_W

ClientSampleId :

VSTD100469

Tgt Ion: 63 Resp: 2097166

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.8	42.4
83	12.3	8.7	16.1



#20

cis-1,2-Dichloroethene

Concen: 101.947 ug/L

RT: 7.173 min Scan# 867

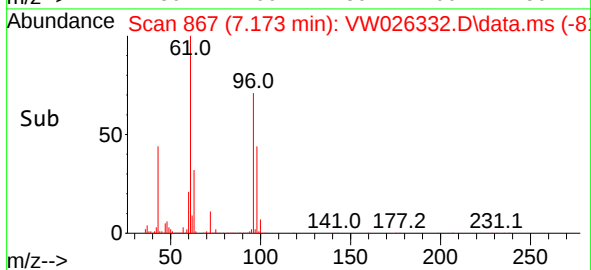
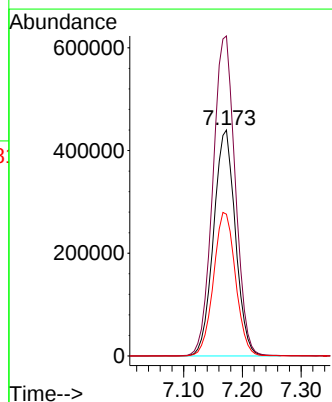
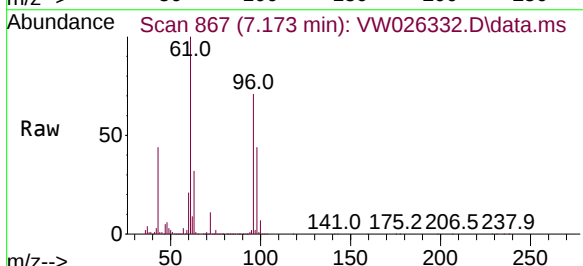
Delta R.T. 0.000 min

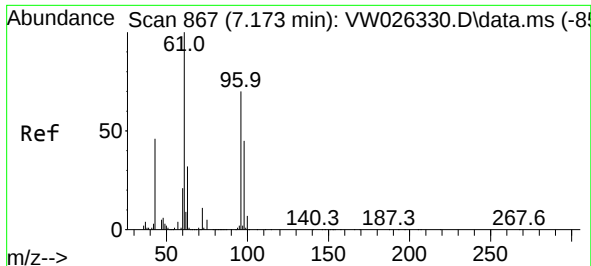
Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

Tgt Ion: 96 Resp: 1134642

Ion	Ratio	Lower	Upper
96	100		
61	141.7	100.8	187.2
98	62.8	45.7	84.9

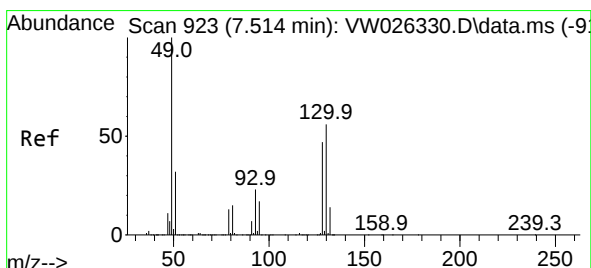
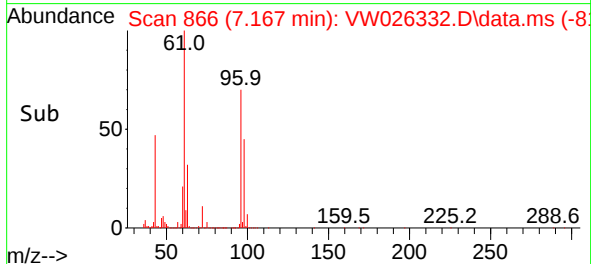
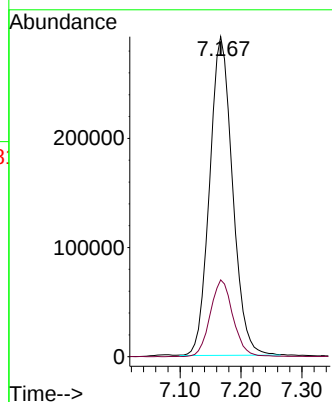
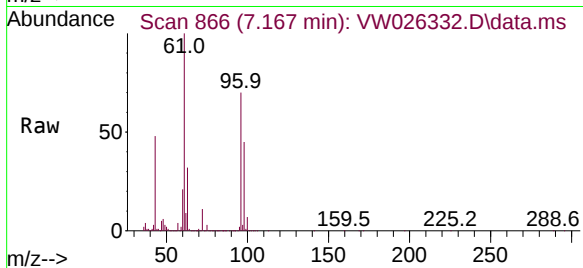




#22
2-Butanone
Concen: 188.211 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

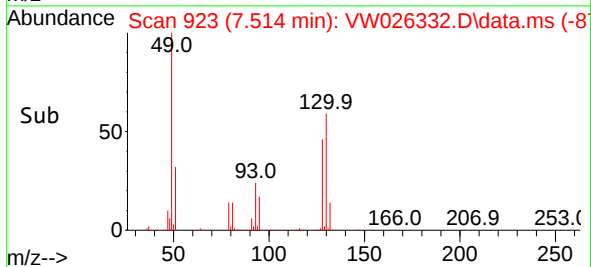
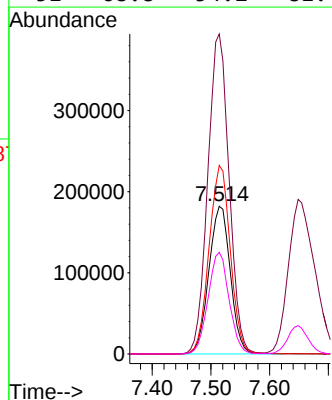
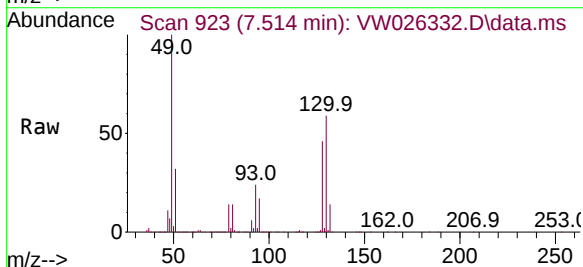
Instrument :
MSVOA_W
ClientSampleId :
VSTD100469

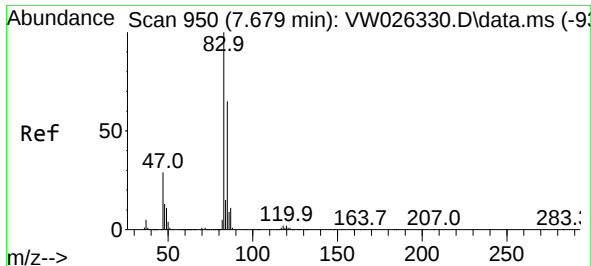
Tgt Ion: 43 Resp: 762621
Ion Ratio Lower Upper
43 100
72 24.0 11.8 35.3



#23
Bromochloromethane
Concen: 96.712 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Tgt Ion: 128 Resp: 461683
Ion Ratio Lower Upper
128 100
49 216.6 148.5 275.9
130 127.6 82.6 153.4
51 68.8 54.2 81.4

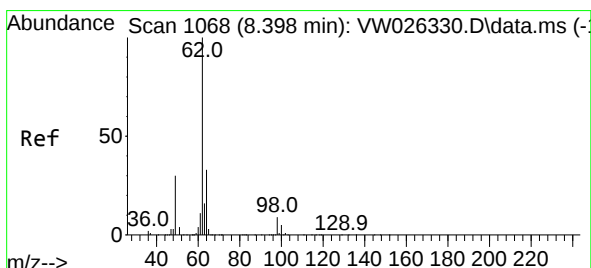
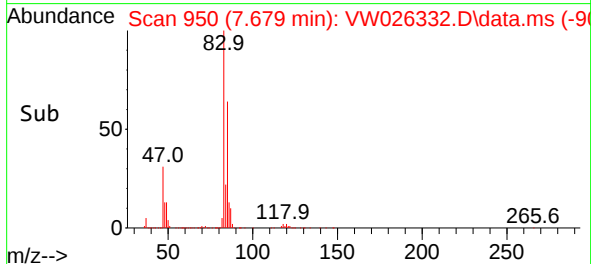
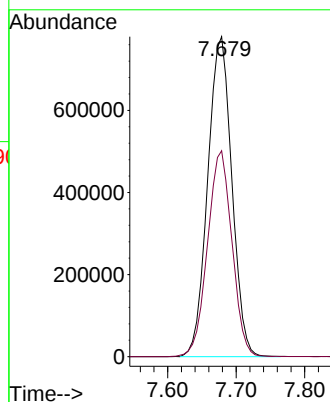
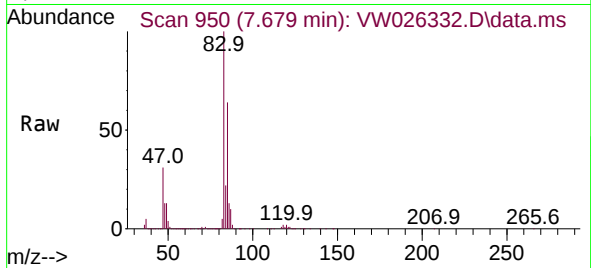




#25
Chloroform
Concen: 95.492 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

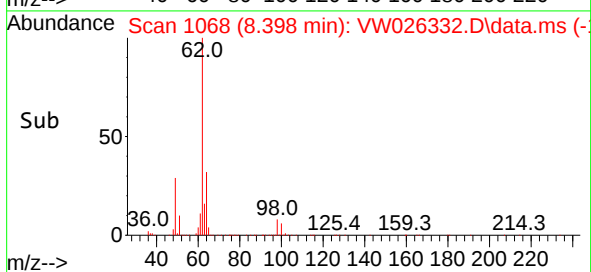
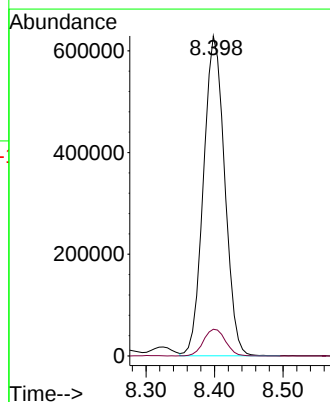
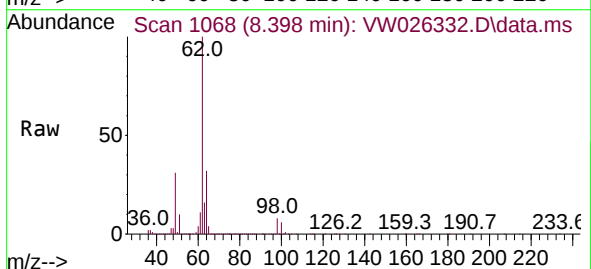
Instrument :
MSVOA_W
ClientSampleId :
VSTD100469

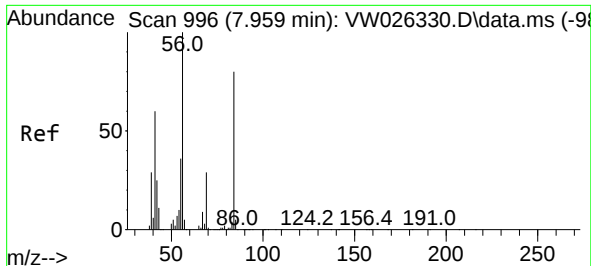
Tgt Ion: 83 Resp: 1908894
Ion Ratio Lower Upper
83 100
85 64.4 45.3 84.1



#27
1,2-Dichloroethane
Concen: 94.428 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Tgt Ion: 62 Resp: 1354595
Ion Ratio Lower Upper
62 100
98 8.3 7.5 11.3



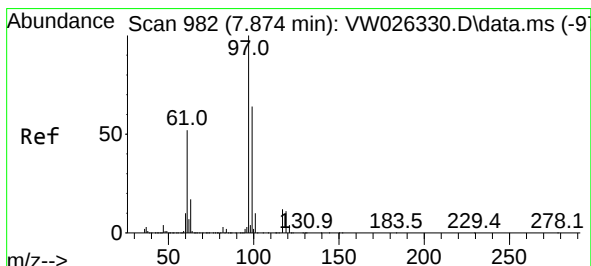
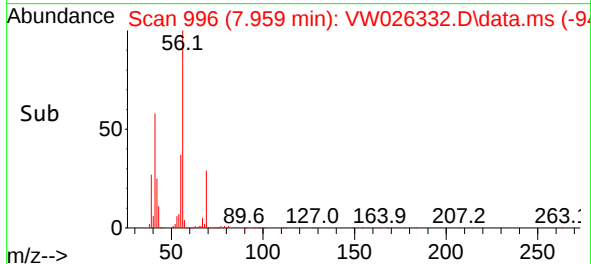
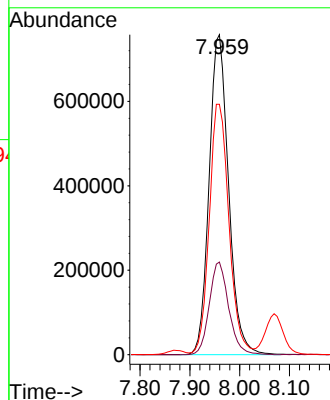
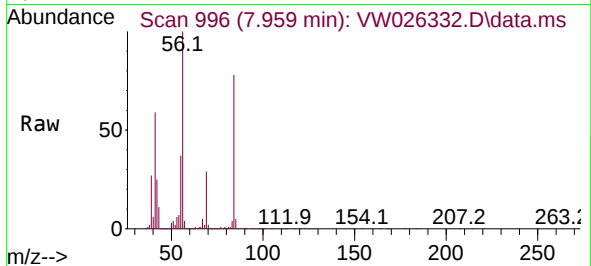


#29
Cyclohexane
Concen: 106.955 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD100469

Tgt Ion: 56 Resp: 2054421

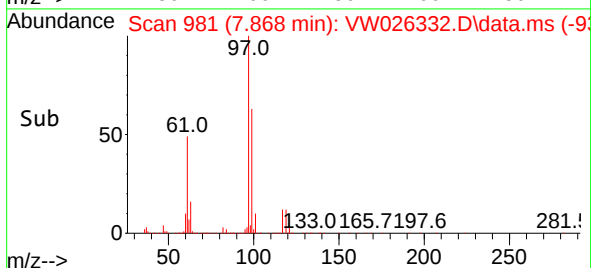
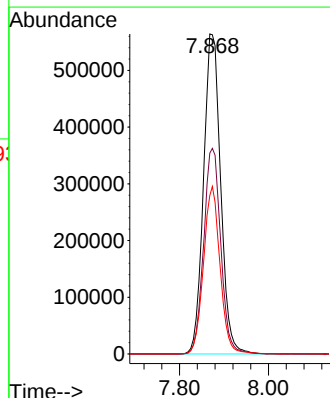
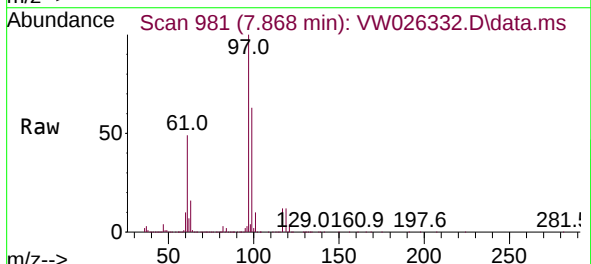
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.0	34.4
84	79.1	63.4	95.0

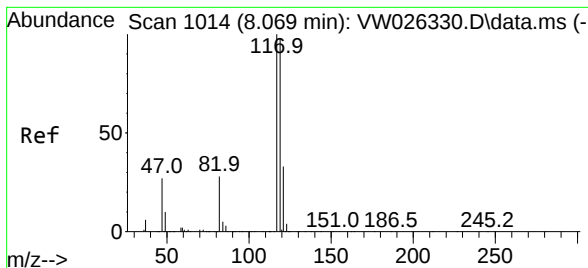


#30
1,1,1-Trichloroethane
Concen: 94.190 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Tgt Ion: 97 Resp: 1515689

Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.8	76.2
61	50.6	41.4	62.2





#31

Carbon tetrachloride

Concen: 95.007 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

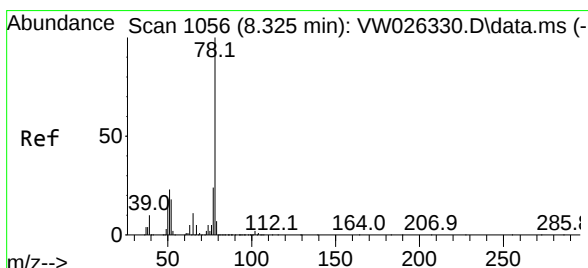
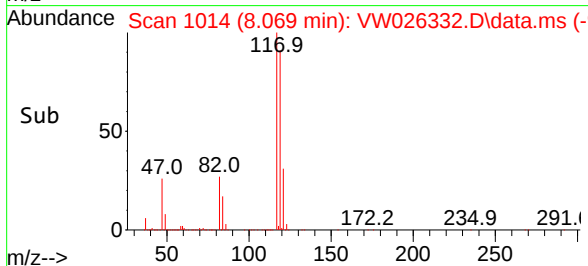
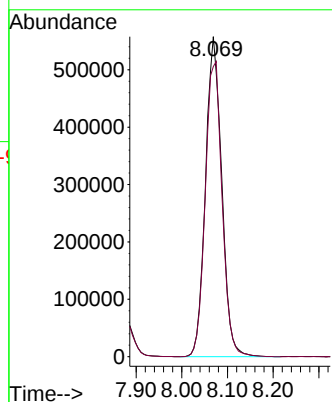
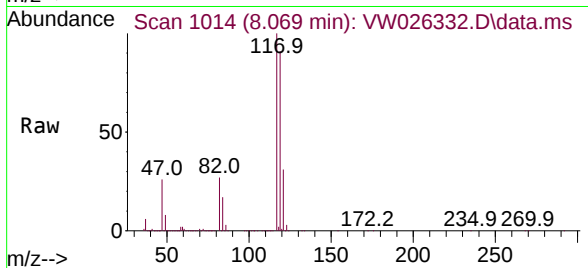
VSTD100469

Tgt Ion:117 Resp: 1374340

Ion Ratio Lower Upper

117 100

119 96.1 77.7 116.5



#33

Benzene

Concen: 95.251 ug/L

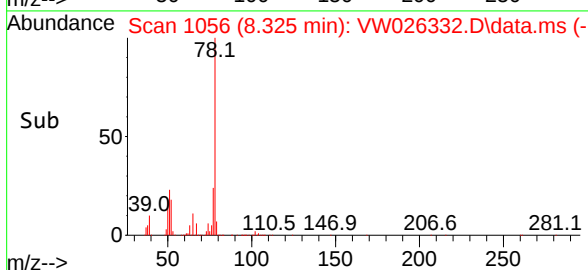
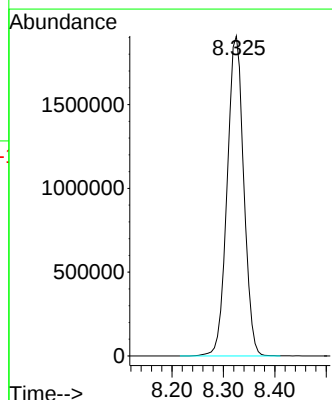
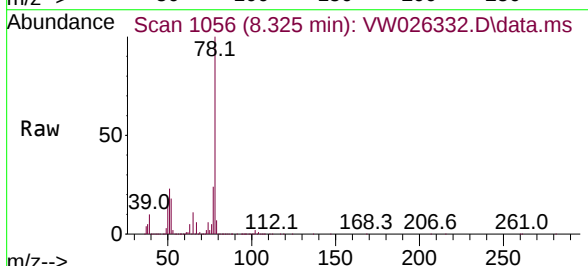
RT: 8.325 min Scan# 1056

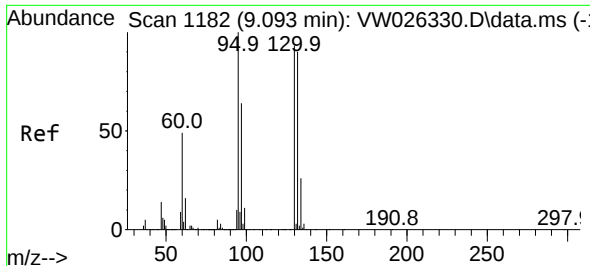
Delta R.T. 0.000 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

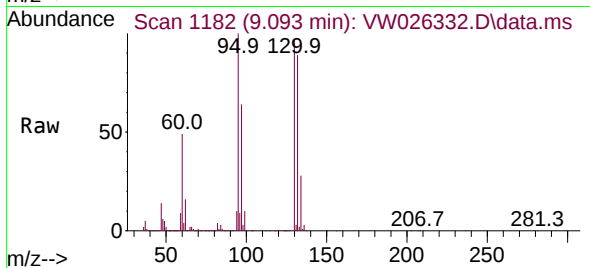
Tgt Ion: 78 Resp: 4279832





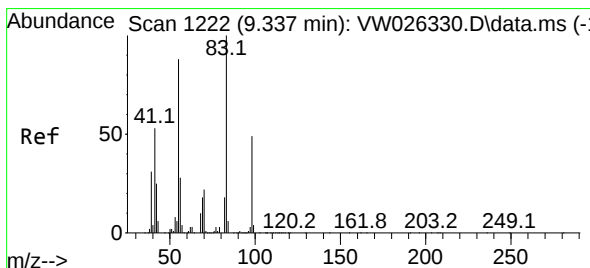
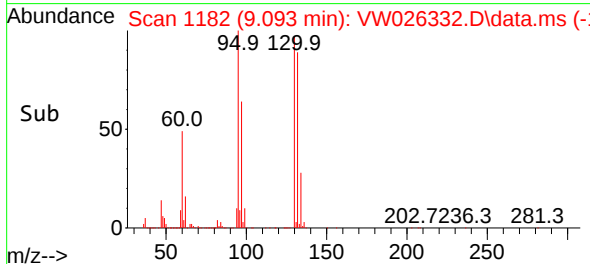
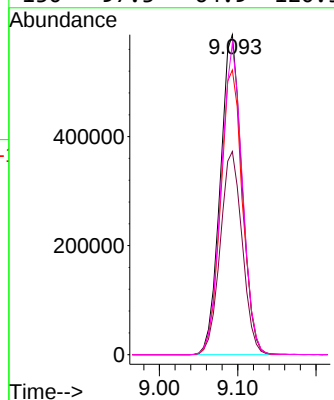
#34
Trichloroethene
Concen: 97.938 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD100469



Tgt Ion: 95 Resp: 1126710

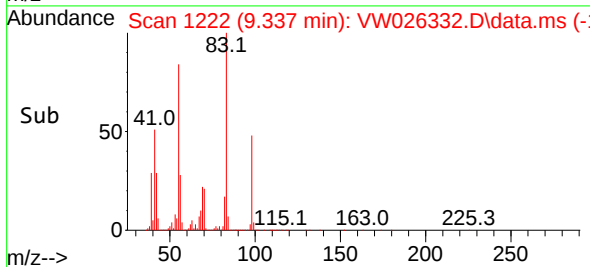
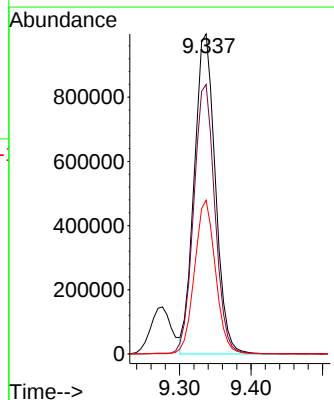
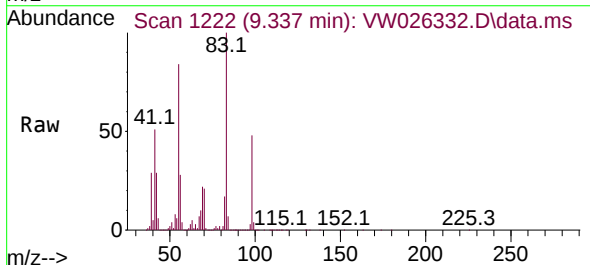
Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.5	82.7
132	89.0	63.3	117.5
130	97.3	64.9	120.5

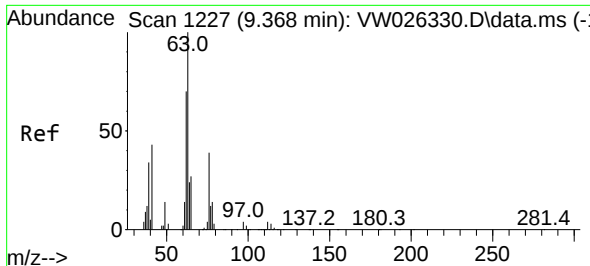


#35
Methylcyclohexane
Concen: 103.682 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Tgt Ion: 83 Resp: 2045495

Ion	Ratio	Lower	Upper
83	100		
55	84.7	68.8	103.2
98	47.7	37.8	56.6





#37

1,2-Dichloropropane

Concen: 96.124 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

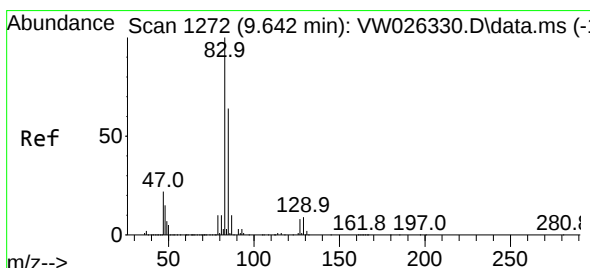
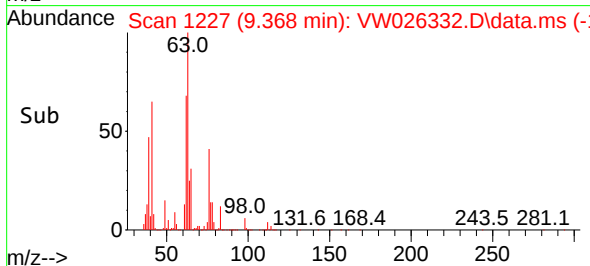
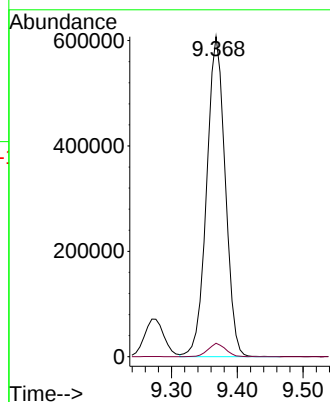
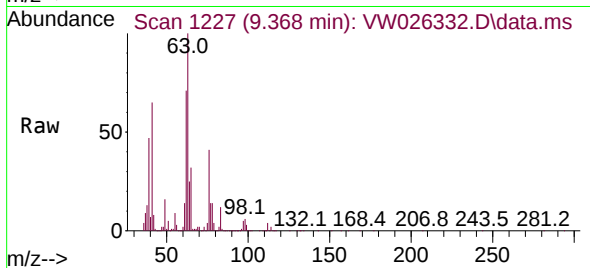
VSTD100469

Tgt Ion: 63 Resp: 1192378

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.6



#38

Bromodichloromethane

Concen: 96.991 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

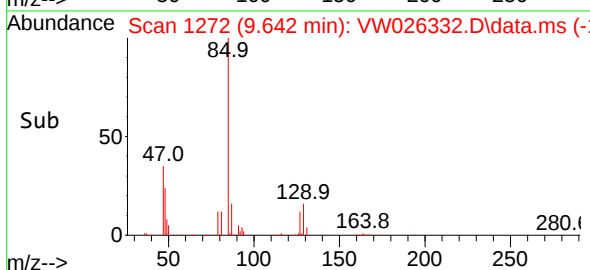
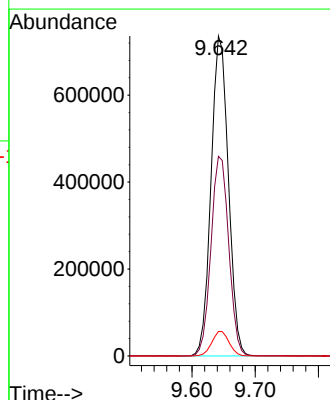
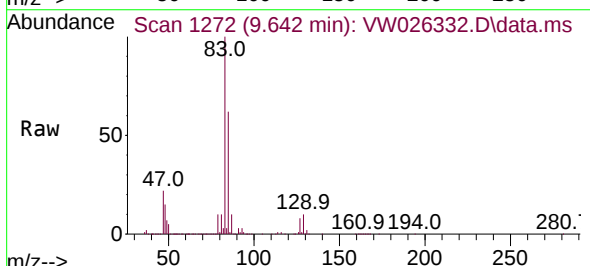
Tgt Ion: 83 Resp: 1398249

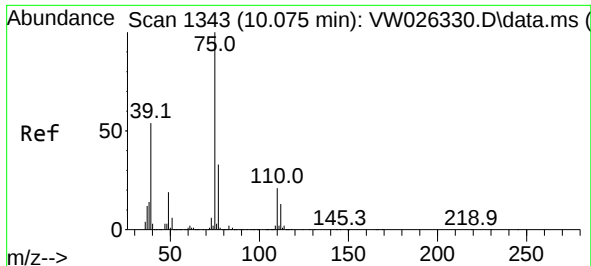
Ion Ratio Lower Upper

83 100

85 62.4 44.9 83.5

127 7.6 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 105.732 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

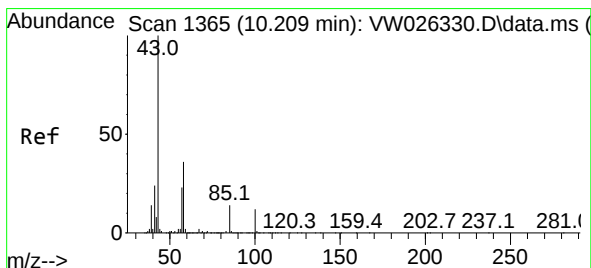
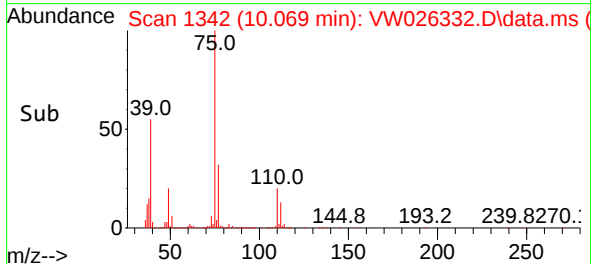
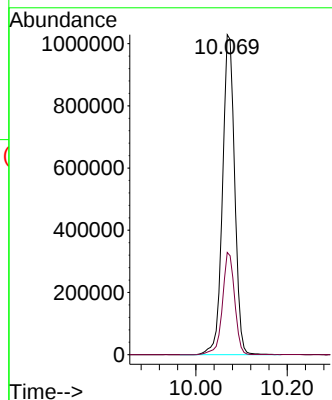
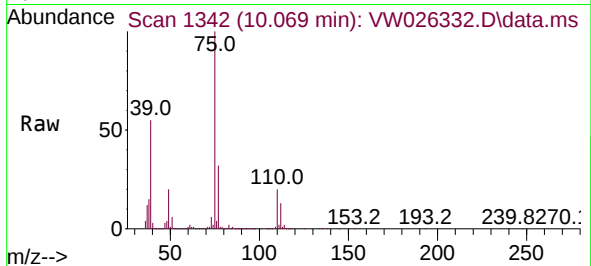
VSTD100469

Tgt Ion: 75 Resp: 1901673

Ion Ratio Lower Upper

75 100

77 31.9 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 211.067 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

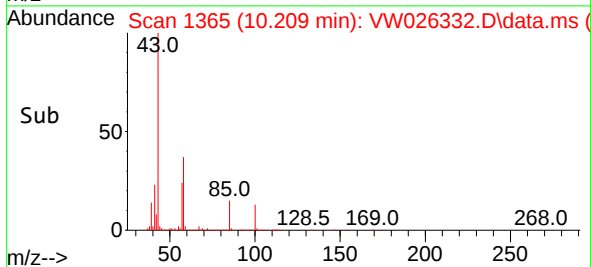
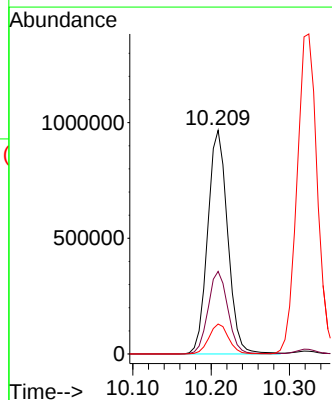
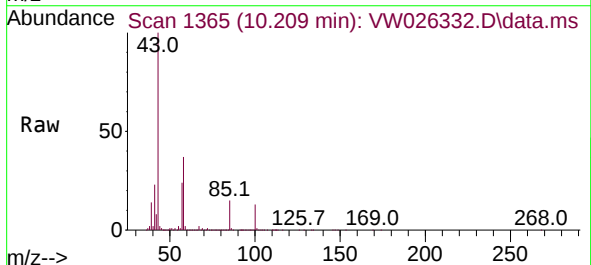
Tgt Ion: 43 Resp: 1710249

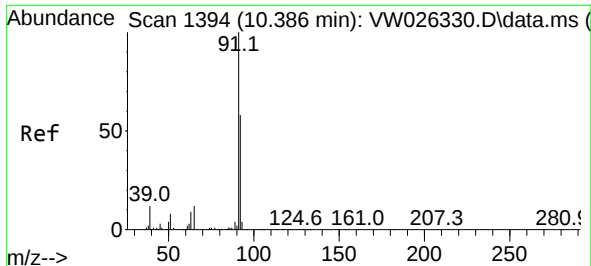
Ion Ratio Lower Upper

43 100

58 36.6 28.6 42.8

100 13.2 9.9 14.9

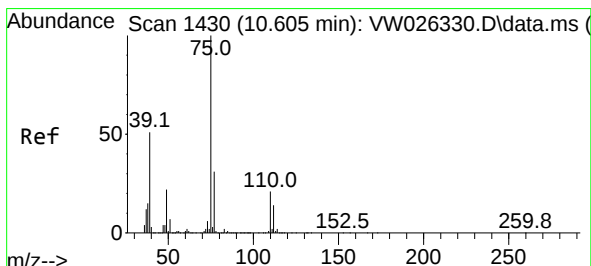
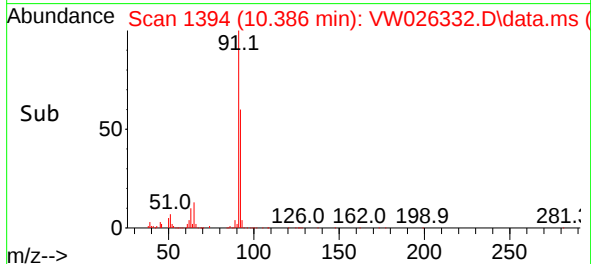
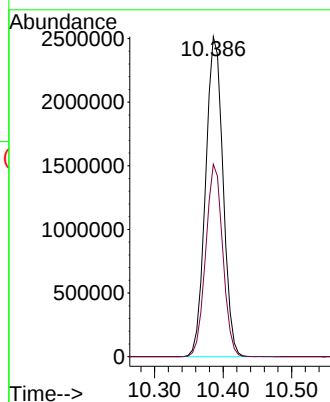
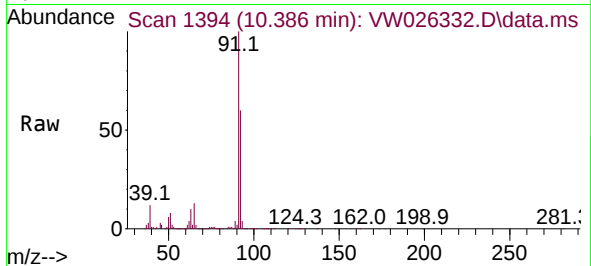




#42
Toluene
Concen: 98.473 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

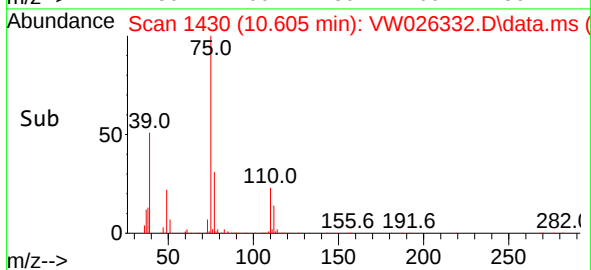
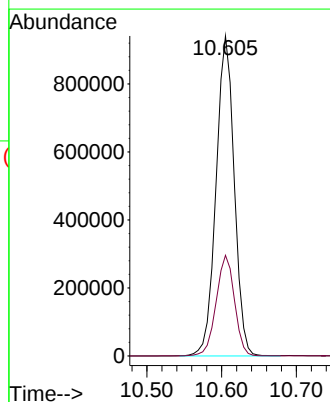
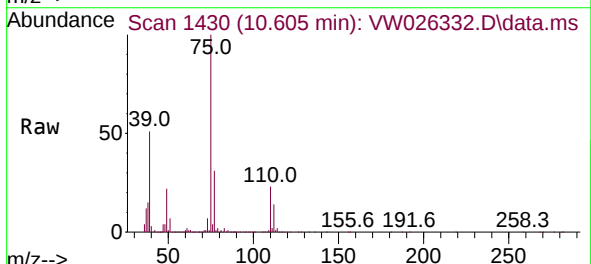
Instrument :
MSVOA_W
ClientSampleId :
VSTD100469

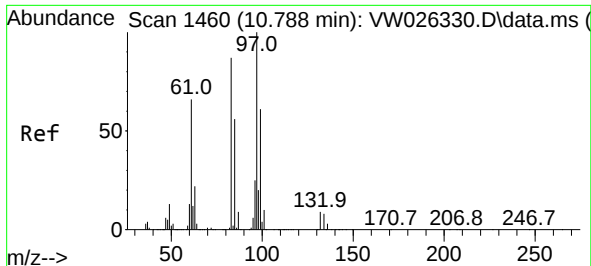
Tgt Ion: 91 Resp: 4438633
Ion Ratio Lower Upper
91 100
92 60.2 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 104.686 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Tgt Ion: 75 Resp: 1589333
Ion Ratio Lower Upper
75 100
77 31.4 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 95.918 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD100469

Tgt Ion: 97 Resp: 806225

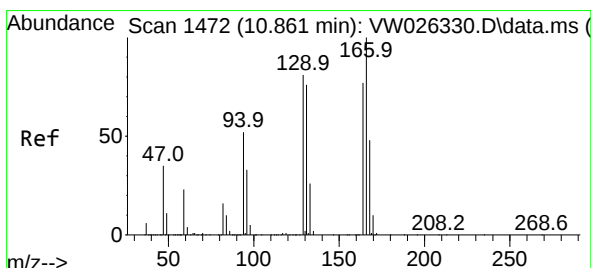
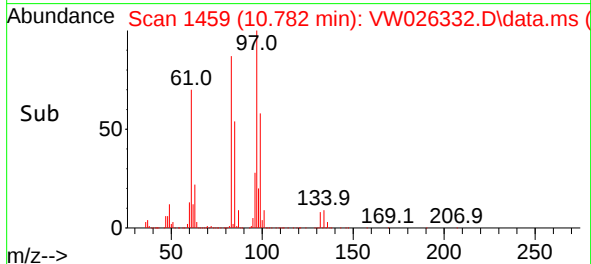
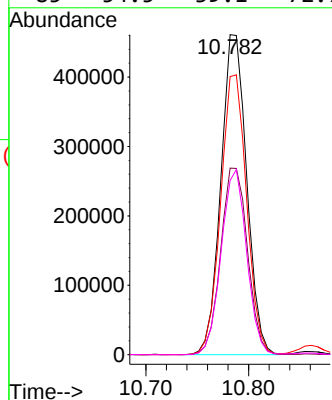
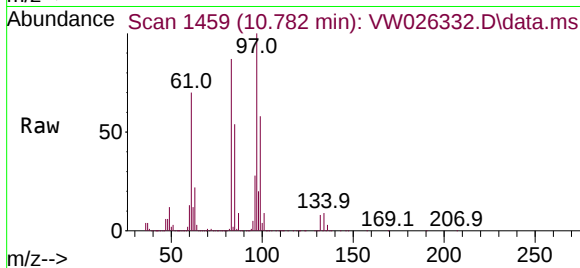
Ion Ratio Lower Upper

97 100

99 58.3 42.4 78.6

83 86.9 60.8 113.0

85 54.5 39.1 72.7



#46

Tetrachloroethene

Concen: 99.527 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

Tgt Ion:164 Resp: 806666

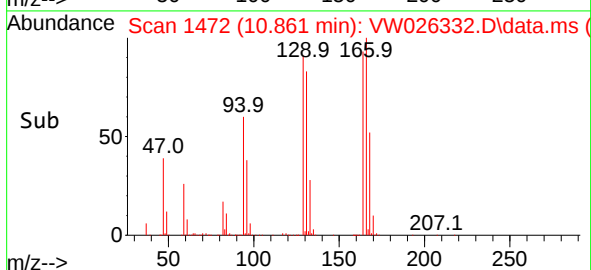
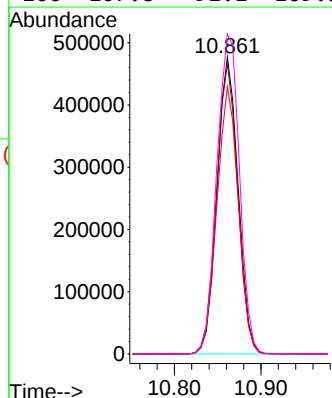
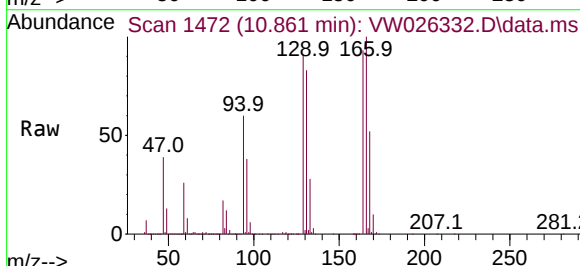
Ion Ratio Lower Upper

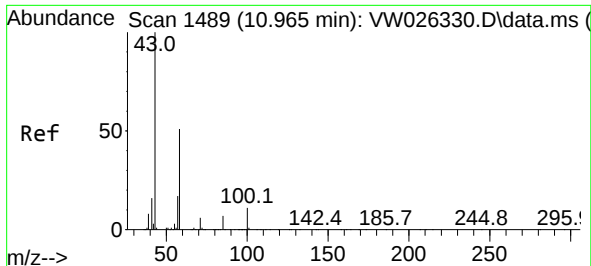
164 100

129 97.8 73.8 137.0

131 90.0 69.0 128.2

166 107.8 91.1 169.3

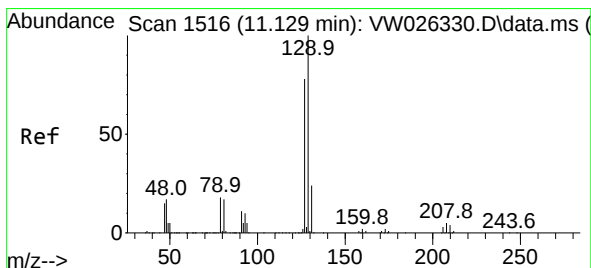
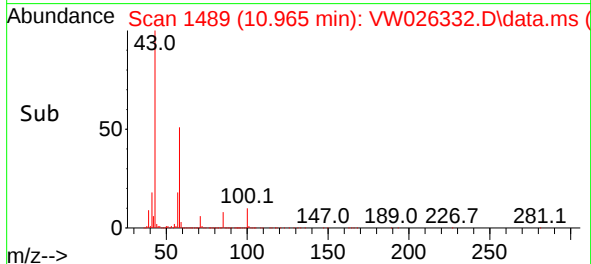
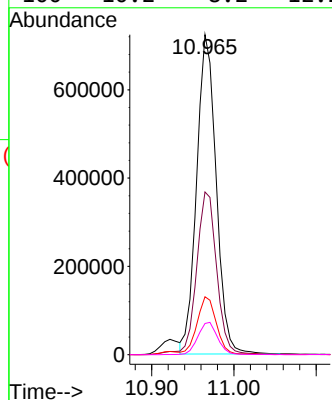
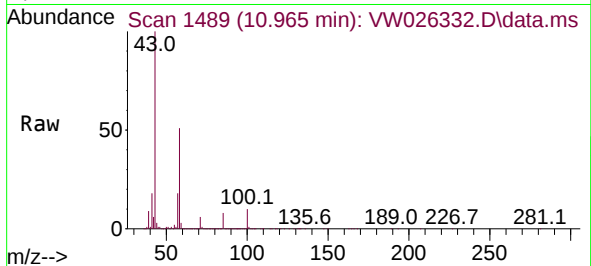




#48
2-Hexanone
Concen: 209.020 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

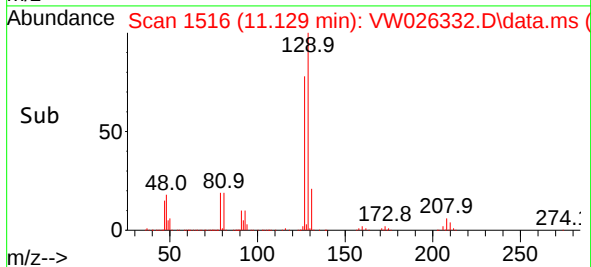
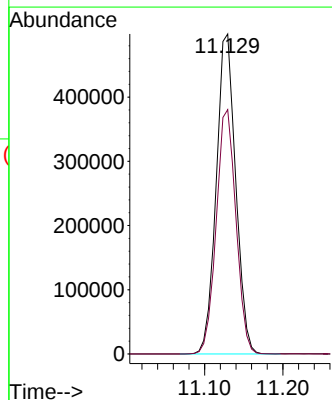
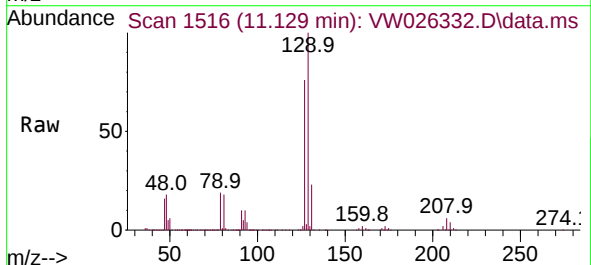
Instrument :
MSVOA_W
ClientSampleId :
VSTD100469

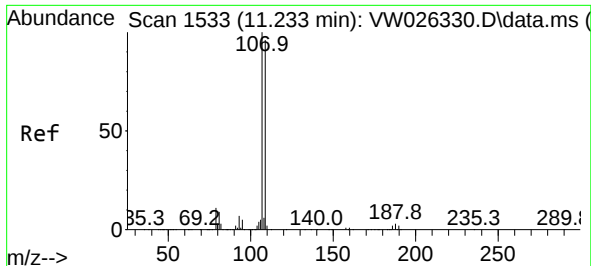
Tgt Ion: 43 Resp: 1195038
Ion Ratio Lower Upper
43 100
58 51.5 40.1 60.1
57 18.0 13.4 20.0
100 10.2 8.2 12.2



#49
Dibromochloromethane
Concen: 99.981 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Tgt Ion:129 Resp: 860494
Ion Ratio Lower Upper
129 100
127 76.4 54.4 101.0

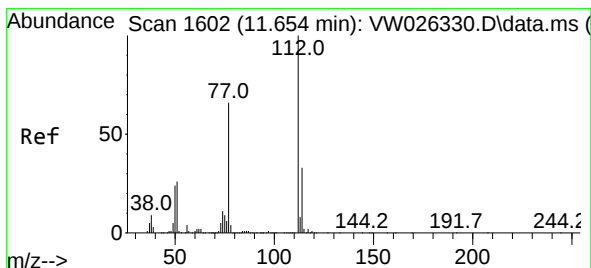
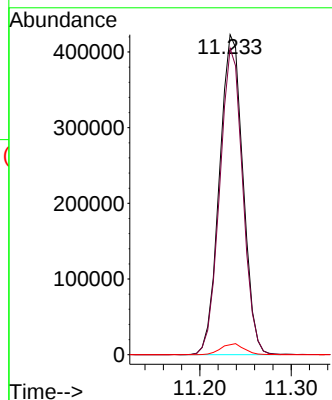
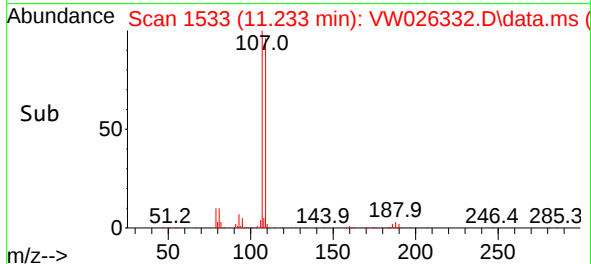
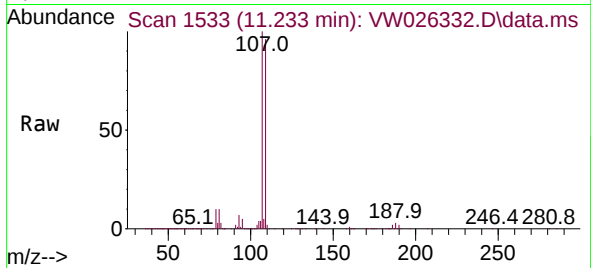




#50
1,2-Dibromoethane
Concen: 98.109 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

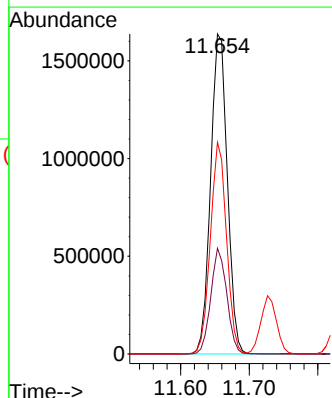
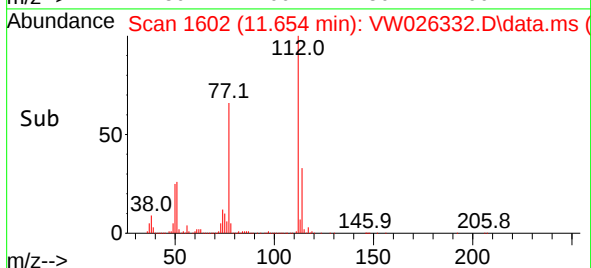
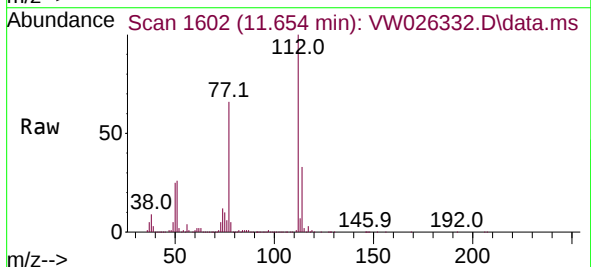
Instrument :
MSVOA_W
ClientSampleId :
VSTD100469

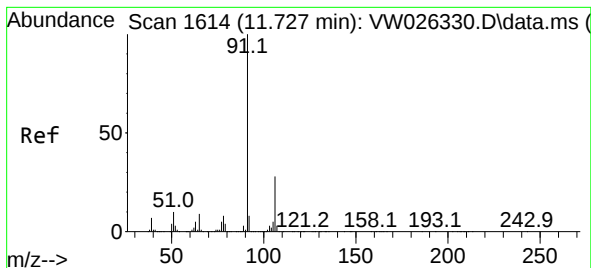
Tgt Ion:107 Resp: 757091
Ion Ratio Lower Upper
107 100
109 95.7 67.1 124.5
188 3.1 2.6 3.8



#51
Chlorobenzene
Concen: 96.471 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Tgt Ion:112 Resp: 2772409
Ion Ratio Lower Upper
112 100
114 33.1 23.0 42.8
77 66.2 53.2 79.8

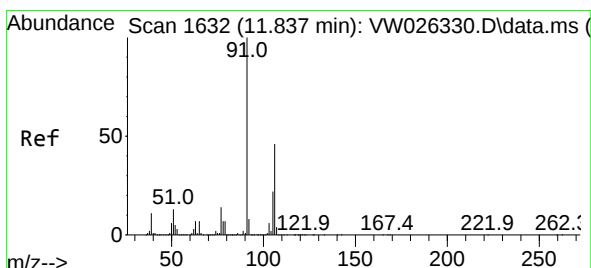
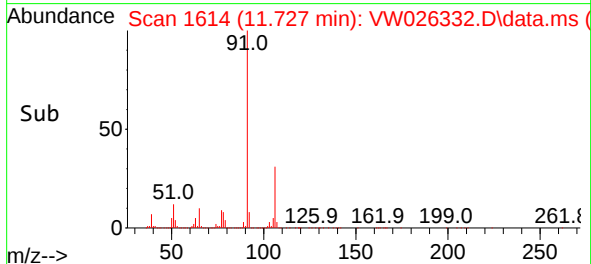
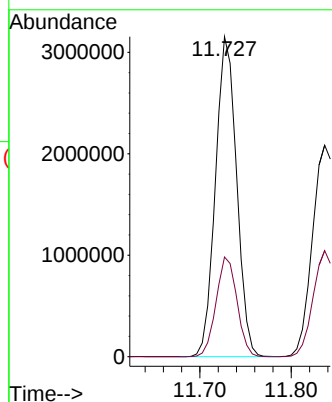
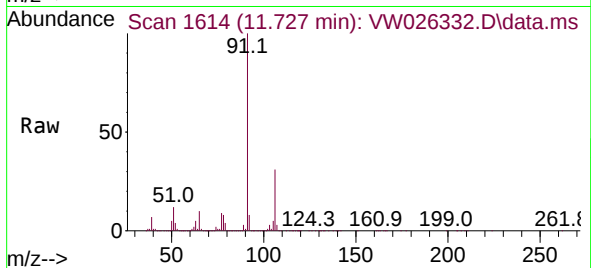




#52
Ethylbenzene
Concen: 99.879 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

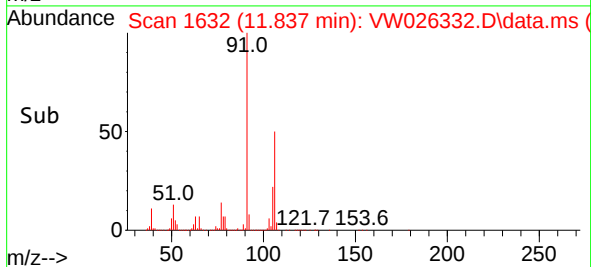
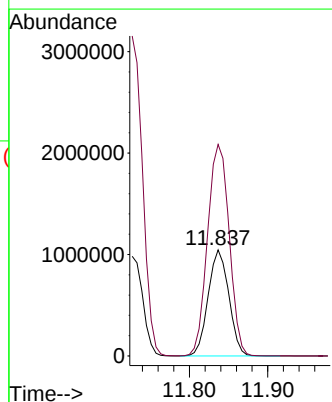
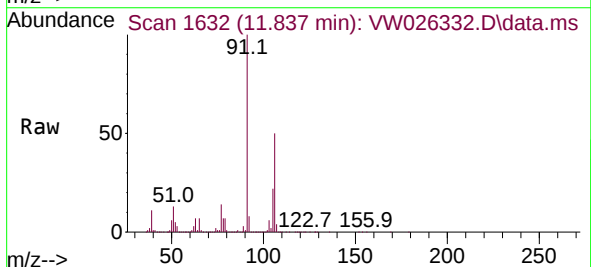
Instrument :
MSVOA_W
ClientSampleId :
VSTD100469

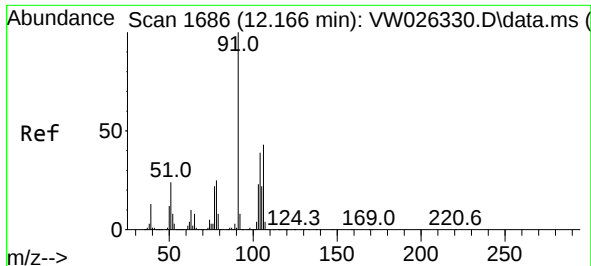
Tgt Ion: 91 Resp: 5072892
Ion Ratio Lower Upper
91 100
106 31.2 19.9 36.9



#53
m,p-Xylene
Concen: 103.234 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Tgt Ion:106 Resp: 1912232
Ion Ratio Lower Upper
106 100
91 199.4 152.1 282.5

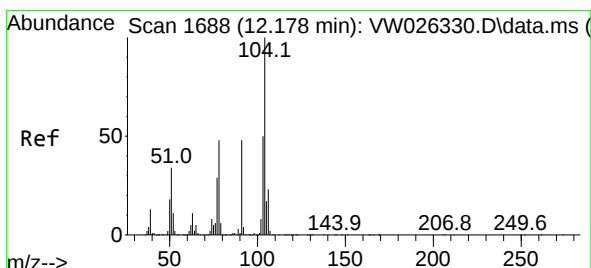
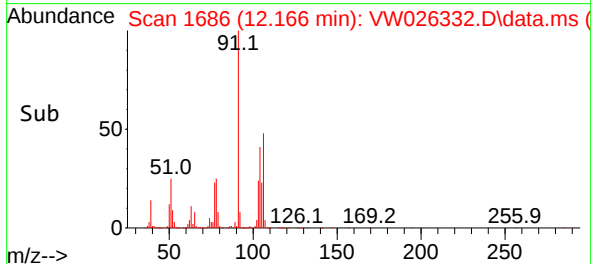
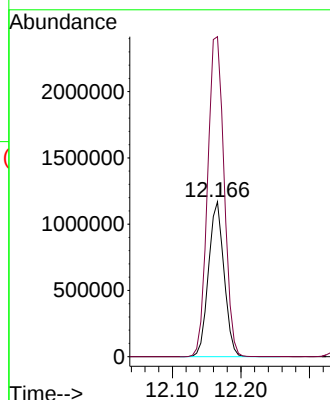
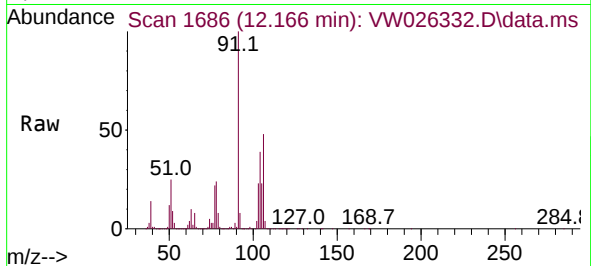




#54
o-Xylene
Concen: 105.488 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

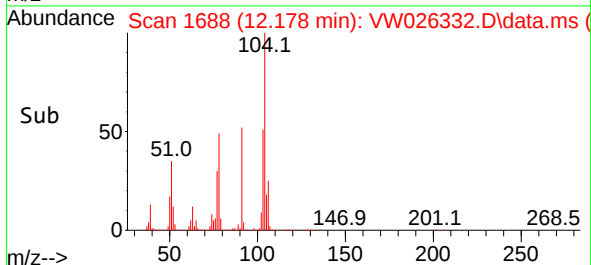
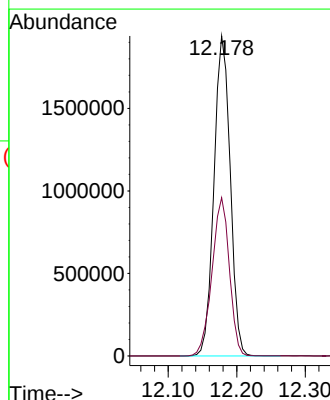
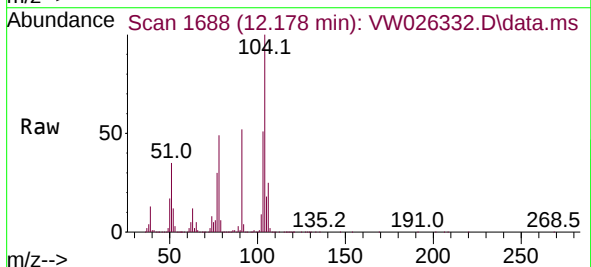
Instrument :
MSVOA_W
ClientSampleId :
VSTD100469

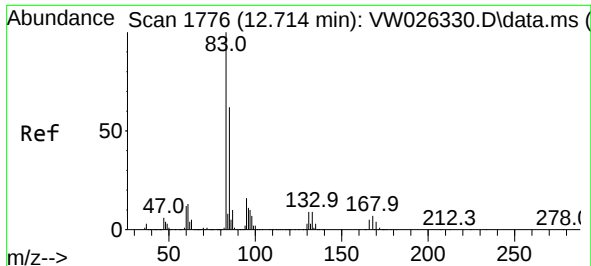
Tgt Ion:106 Resp: 1839789
Ion Ratio Lower Upper
106 100
91 206.7 161.5 299.9



#55
Styrene
Concen: 104.802 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Tgt Ion:104 Resp: 3187960
Ion Ratio Lower Upper
104 100
78 49.5 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 90.636 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD100469

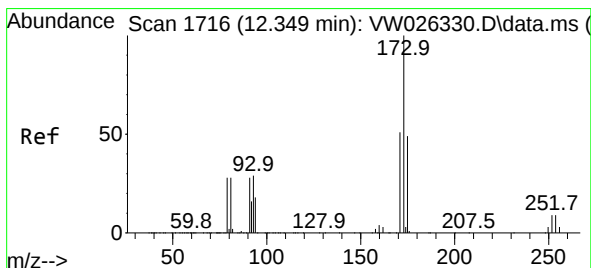
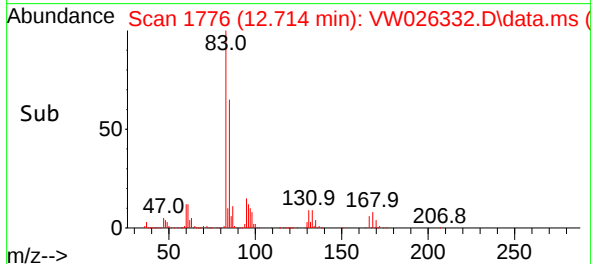
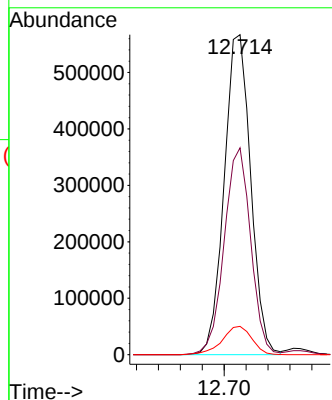
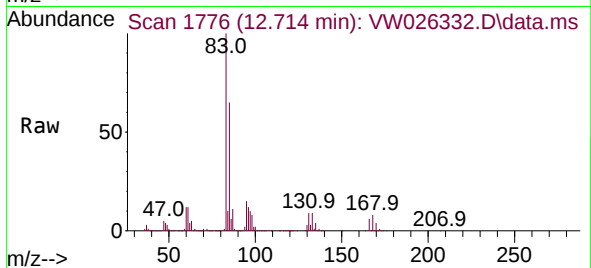
Tgt Ion: 83 Resp: 952258

Ion Ratio Lower Upper

83 100

85 64.7 43.7 81.1

131 8.9 7.4 11.0



#59

Bromoform

Concen: 111.815 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

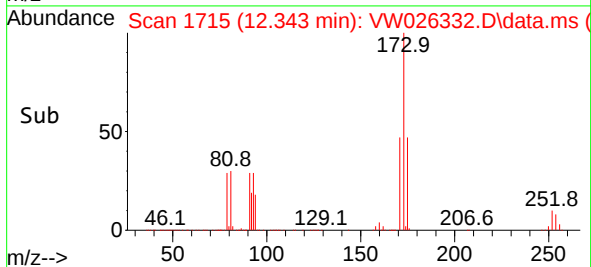
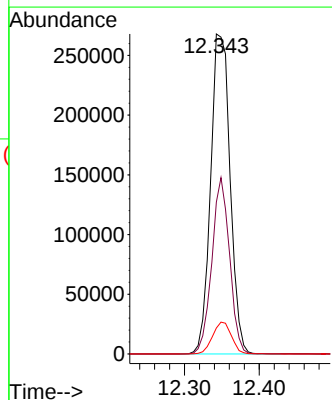
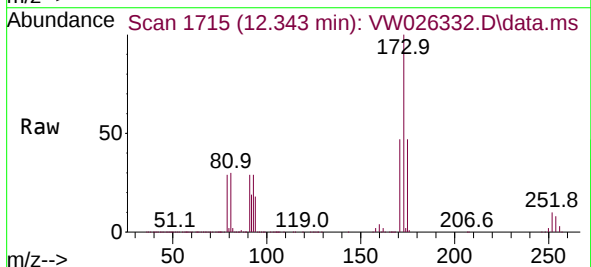
Tgt Ion: 173 Resp: 485638

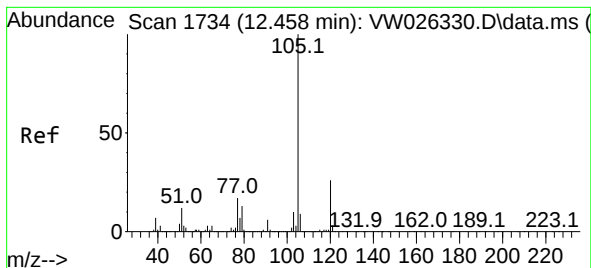
Ion Ratio Lower Upper

173 100

175 50.0 39.7 59.5

254 9.6 7.1 10.7





#60

Isopropylbenzene

Concen: 117.051 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD100469

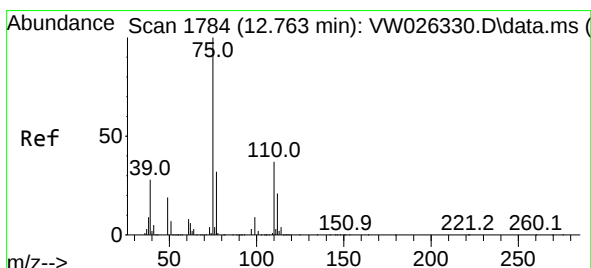
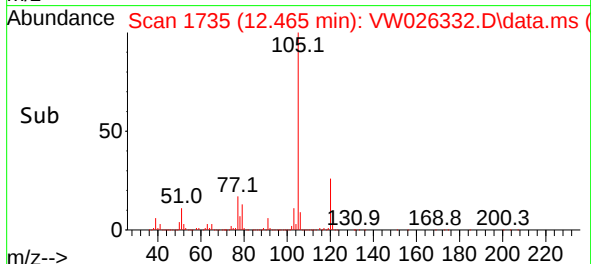
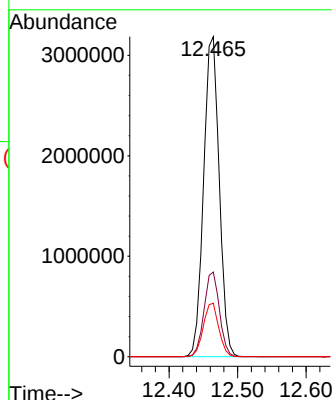
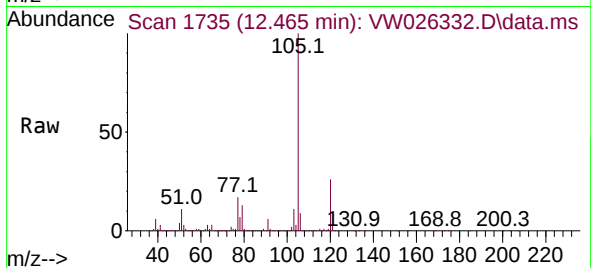
Tgt Ion:105 Resp: 5050821

Ion Ratio Lower Upper

105 100

120 26.1 20.4 30.6

77 16.6 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 101.920 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

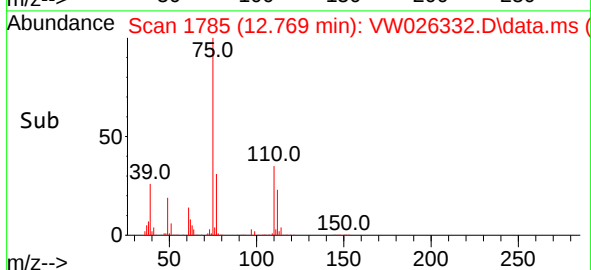
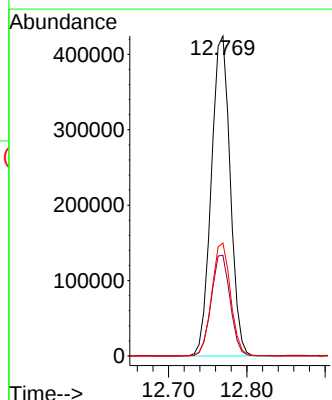
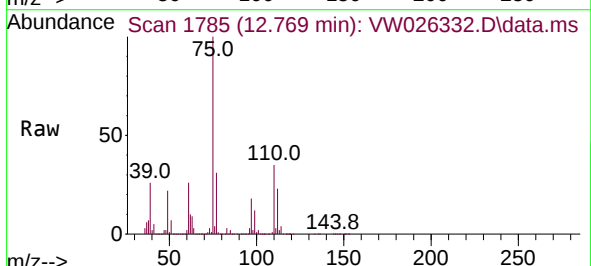
Tgt Ion: 75 Resp: 711302

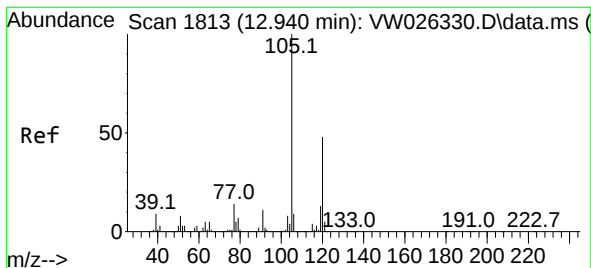
Ion Ratio Lower Upper

75 100

77 31.5 25.9 38.9

110 35.1 29.4 44.0

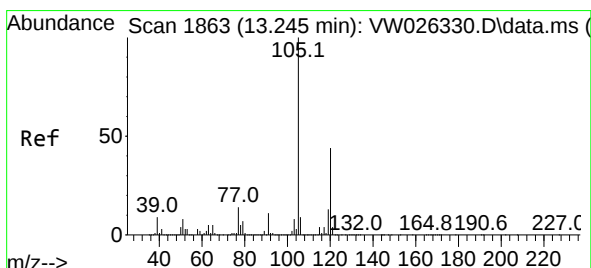
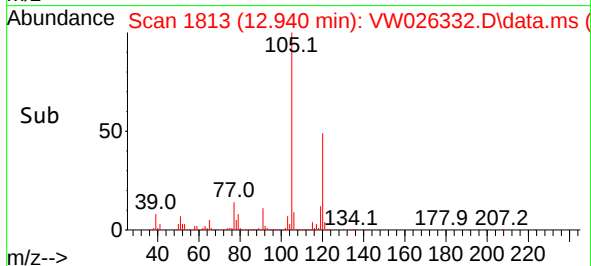
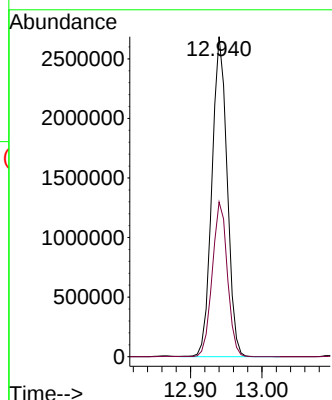
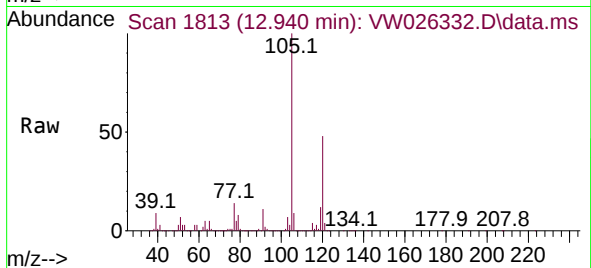




#62
1,3,5-Trimethylbenzene
Concen: 118.513 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

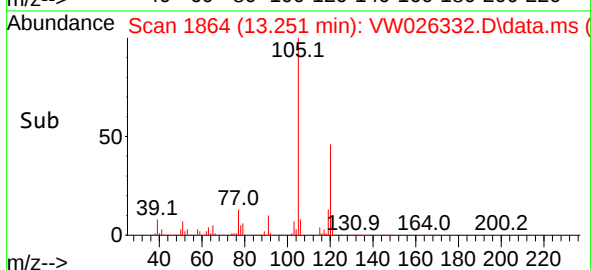
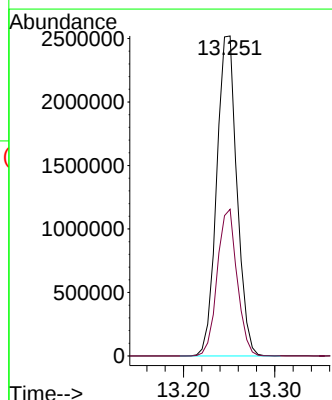
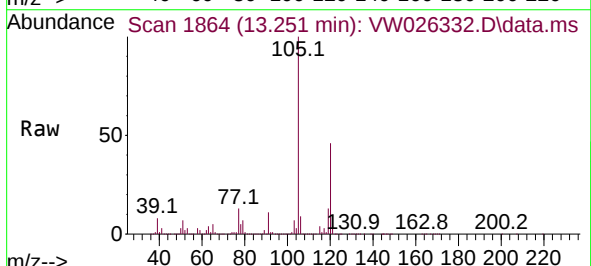
Instrument :
MSVOA_W
ClientSampleId :
VSTD100469

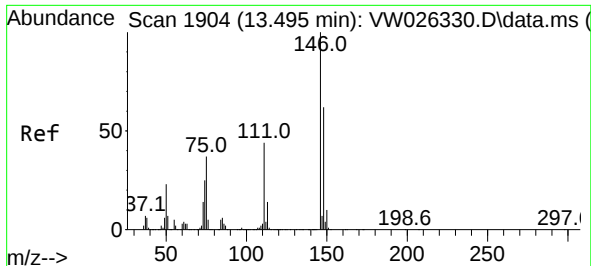
Tgt Ion:105 Resp: 3964210
Ion Ratio Lower Upper
105 100
120 48.0 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 120.169 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Tgt Ion:105 Resp: 3876808
Ion Ratio Lower Upper
105 100
120 45.0 35.0 52.6

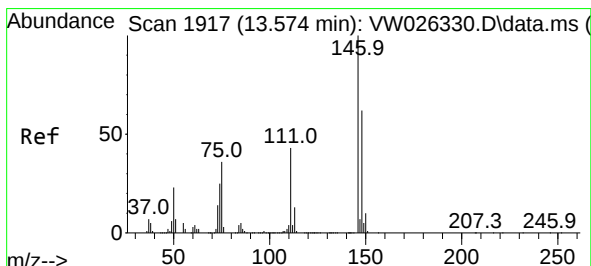
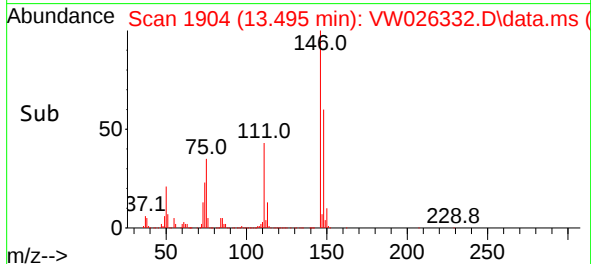
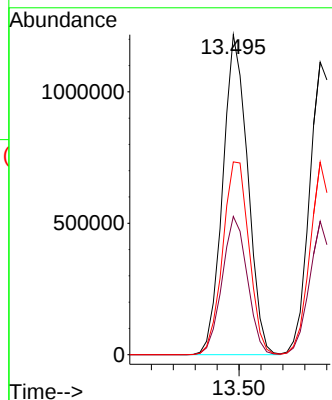
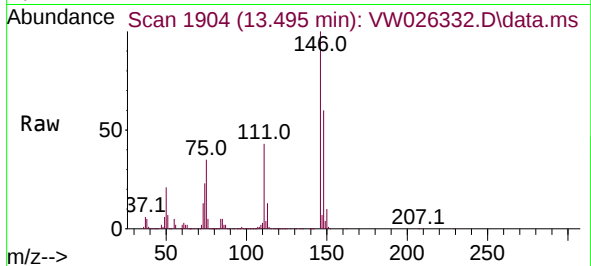




#64
1,3-Dichlorobenzene
Concen: 104.136 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

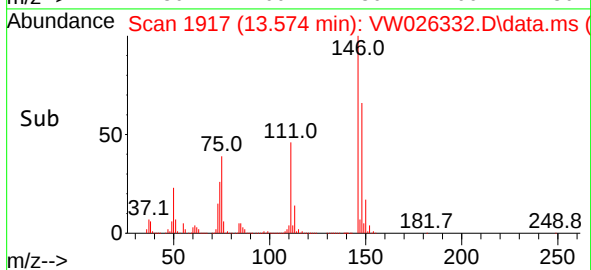
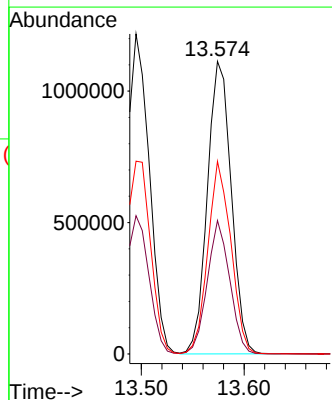
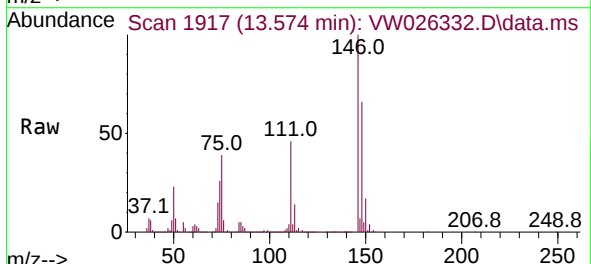
Instrument :
MSVOA_W
ClientSampleId :
VSTD100469

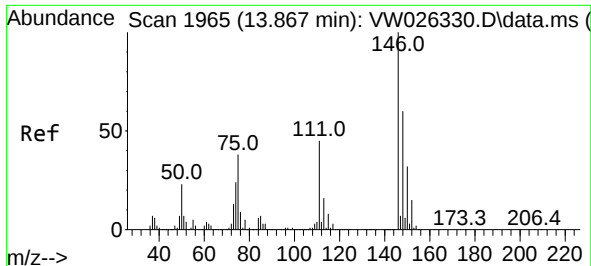
Tgt Ion:146 Resp: 1924641
Ion Ratio Lower Upper
146 100
111 43.2 30.8 57.2
148 60.2 43.3 80.3



#65
1,4-Dichlorobenzene
Concen: 97.355 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Tgt Ion:146 Resp: 1800678
Ion Ratio Lower Upper
146 100
111 45.6 30.0 55.8
148 65.8 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 100.343 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD100469

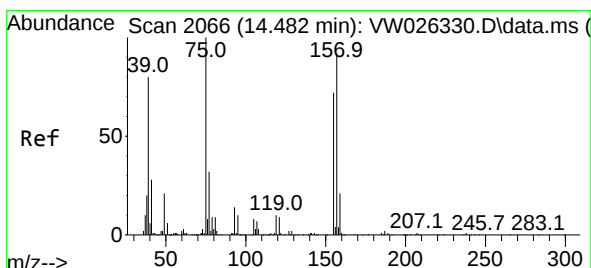
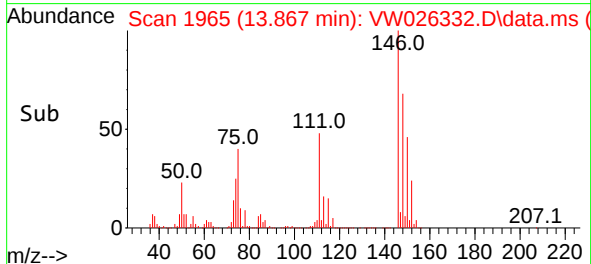
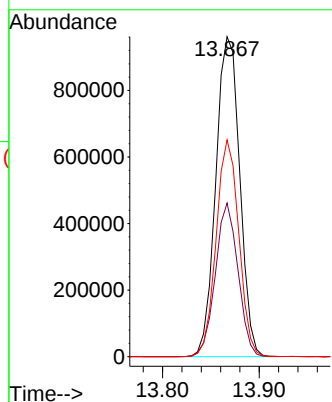
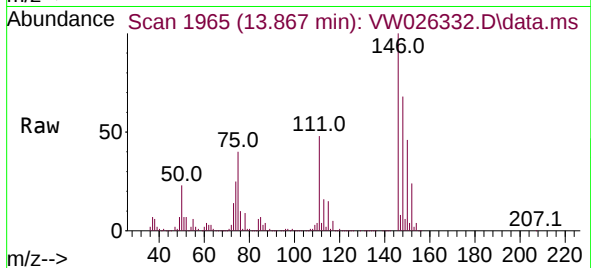
Tgt Ion:146 Resp: 1651744

Ion Ratio Lower Upper

146 100

111 48.0 36.0 54.0

148 67.8 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 102.646 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

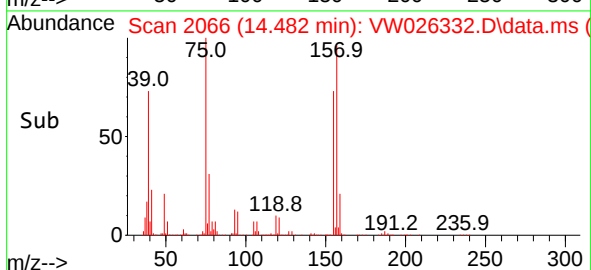
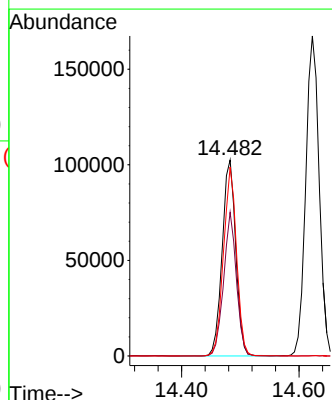
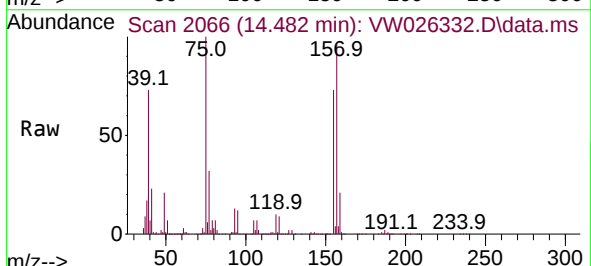
Tgt Ion: 75 Resp: 164808

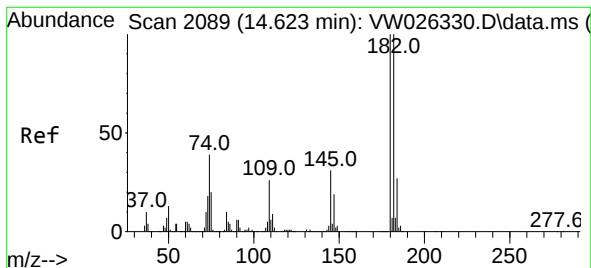
Ion Ratio Lower Upper

75 100

155 73.3 57.5 86.3

157 96.3 73.4 110.0

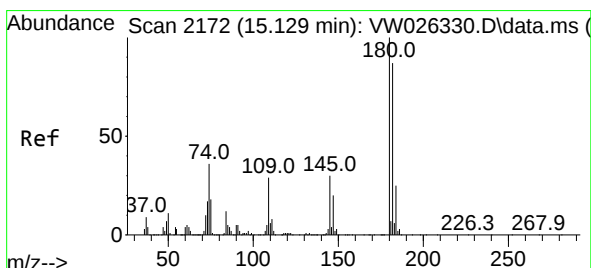
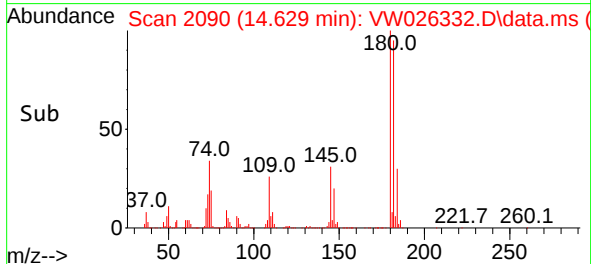
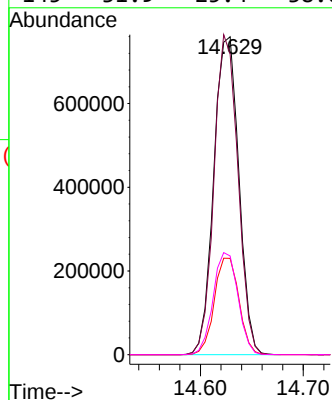
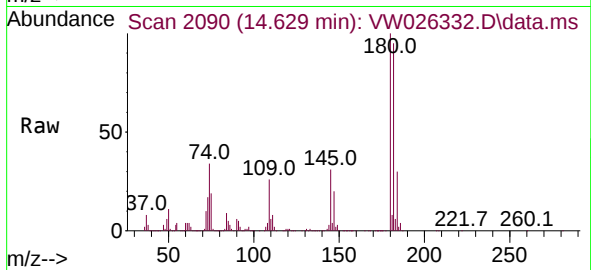




#69
1,3,5-Trichlorobenzene
Concen: 108.053 ug/L
RT: 14.629 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

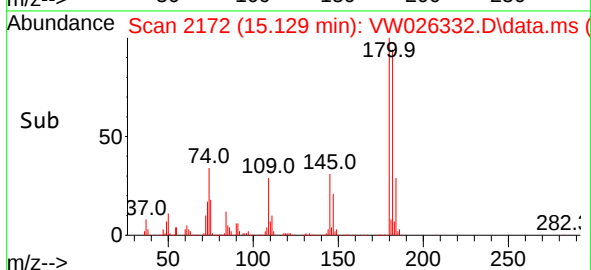
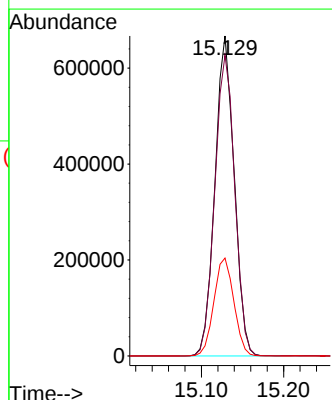
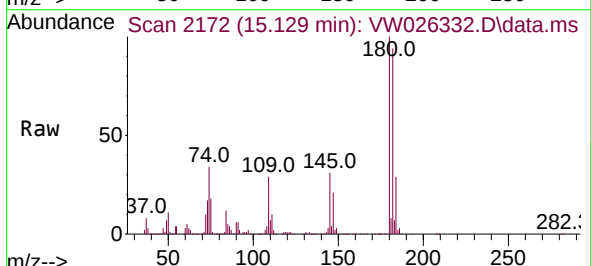
Instrument :
MSVOA_W
ClientSampleId :
VSTD100469

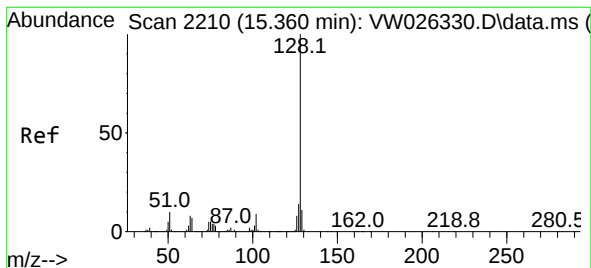
Tgt Ion:180 Resp: 1283255
Ion Ratio Lower Upper
180 100
182 95.9 74.2 111.4
184 30.0 23.8 35.6
145 31.9 25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 111.781 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026332.D
Acq: 26 Jun 2023 12:48

Tgt Ion:180 Resp: 1086412
Ion Ratio Lower Upper
180 100
182 97.3 75.6 113.4
145 31.7 24.7 37.1





#71

Naphthalene

Concen: 131.959 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD100469

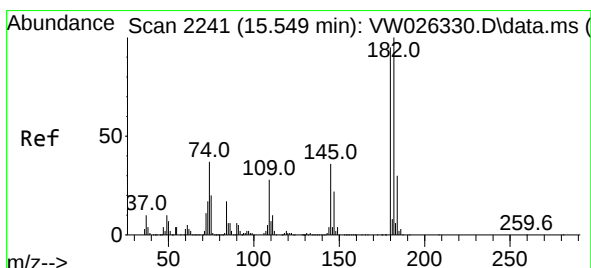
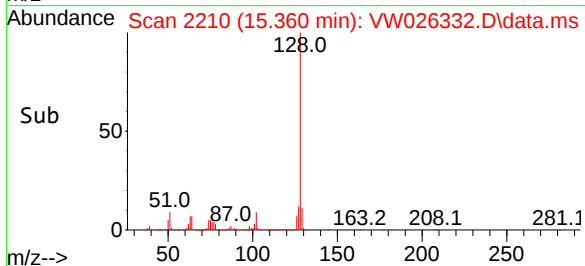
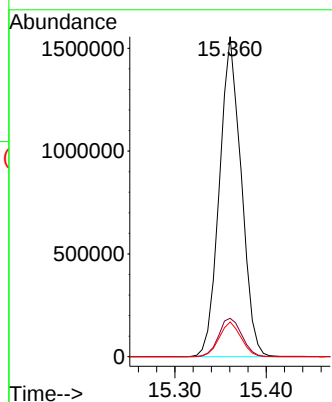
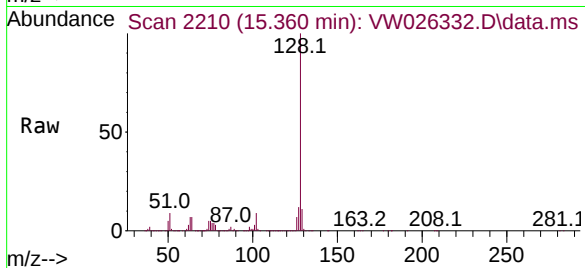
Tgt Ion:128 Resp: 2578134

Ion Ratio Lower Upper

128 100

127 12.8 10.9 16.3

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 109.682 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026332.D

Acq: 26 Jun 2023 12:48

Tgt Ion:180 Resp: 995268

Ion Ratio Lower Upper

180 100

182 94.7 75.0 112.6

145 35.5 28.5 42.7

