

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070323\
 Data File : VW026514.D
 Acq On : 03 Jul 2023 17:31
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050401

Quant Time: Jul 04 01:42:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 01:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	678579	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	606782	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	294573	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	522417	55.468	ug/L	0.00
7) Chloroethane-d5	2.893	69	402967	52.987	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	240233	51.652	ug/L	0.00
21) 2-Butanone-d5	7.075	46	369888	99.103	ug/L	0.00
24) Chloroform-d	7.648	84	1001600	50.885	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	570713	49.892	ug/L	0.00
32) Benzene-d6	8.276	84	2052153	50.434	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	649386	50.017	ug/L	0.00
41) Toluene-d8	10.324	98	1829903	50.184	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.580	79	266450	51.176	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	248238	103.863	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	528913	50.052	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	560871	50.285	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	371916	50.859	ug/L	94
3) Chloromethane	2.234	50	569939	49.099	ug/L	100
5) Vinyl chloride	2.375	62	544250	48.772	ug/L	98
6) Bromomethane	2.783	94	298166	46.734	ug/L	97
8) Chloroethane	2.929	64	320479	48.810	ug/L	97
9) Trichlorofluoromethane	3.265	101	378785	50.288	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	432297	48.479	ug/L	99
12) 1,1-Dichloroethene	4.045	96	410515	48.208	ug/L	96
13) Acetone	4.118	43	199255	84.972	ug/L	96
14) Carbon disulfide	4.393	76	1278792	47.561	ug/L	100
15) Methyl Acetate	4.667	43	288133	48.241	ug/L	100
16) Methylene chloride	4.923	84	453740	38.735	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	445672	47.666	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	785928	49.045	ug/L	100
19) 1,1-Dichloroethane	6.215	63	942395	47.655	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	509667	48.182	ug/L	99
22) 2-Butanone	7.166	43	371737	89.405	ug/L	100
23) Bromochloromethane	7.514	128	207750	46.444	ug/L	95
25) Chloroform	7.679	83	882921	47.965	ug/L	100
27) 1,2-Dichloroethane	8.398	62	622371	46.412	ug/L	97
29) Cyclohexane	7.953	56	874716	48.712	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	671779	47.263	ug/L	98
31) Carbon tetrachloride	8.075	117	601210	47.046	ug/L	100
33) Benzene	8.325	78	1950156	47.281	ug/L	100
34) Trichloroethene	9.093	95	488337	46.182	ug/L	97
35) Methylcyclohexane	9.337	83	869356	48.087	ug/L	99
37) 1,2-Dichloropropane	9.367	63	537279	47.496	ug/L	100
38) Bromodichloromethane	9.648	83	633993	47.933	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	834063	50.430	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	846418	99.002	ug/L	99
42) Toluene	10.385	91	1968525	46.815	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	691597	49.710	ug/L	100

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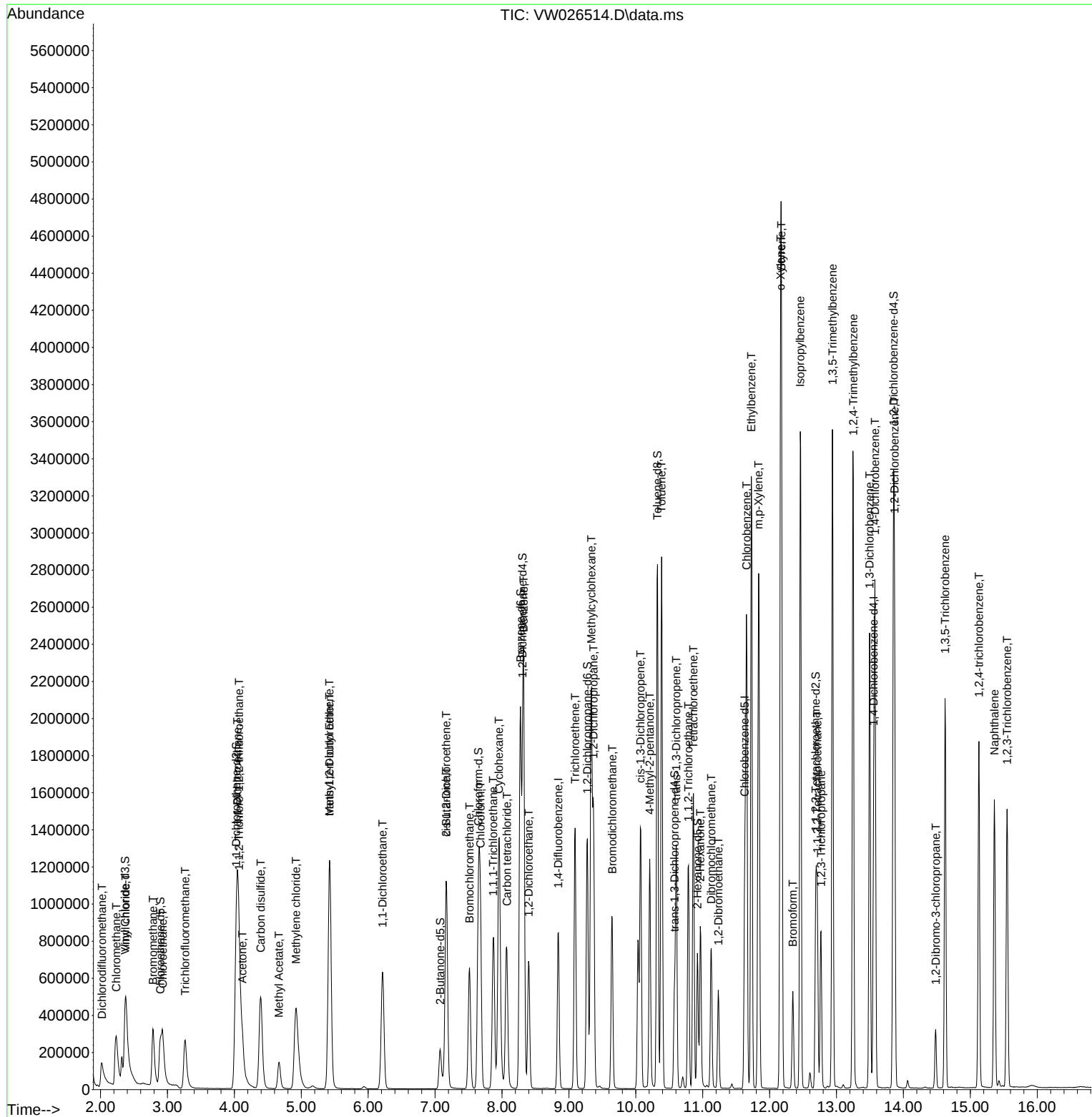
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	373351	47.574	ug/L	98
46) Tetrachloroethene	10.861	164	329472	46.276	ug/L	94
48) 2-Hexanone	10.965	43	582104	100.855	ug/L	97
49) Dibromochloromethane	11.129	129	392612	48.779	ug/L	93
50) 1,2-Dibromoethane	11.233	107	352840	47.931	ug/L	97
51) Chlorobenzene	11.653	112	1223472	46.716	ug/L	99
52) Ethylbenzene	11.727	91	2309548	48.548	ug/L	99
53) m,p-Xylene	11.836	106	839490	47.802	ug/L	94
54) o-Xylene	12.166	106	818207	48.833	ug/L	97
55) Styrene	12.178	104	1396213	48.929	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	489251	48.060	ug/L	99
59) Bromoform	12.348	173	227299	49.346	ug/L	100
60) Isopropylbenzene	12.458	105	2252059	49.117	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	357429	46.813	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1828532	49.397	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	1834356	51.390	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	915063	47.645	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	891334	46.196	ug/L	99
67) 1,2-Dichlorobenzene	13.866	146	801097	46.616	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	85503	46.803	ug/L	92
69) 1,3,5-Trichlorobenzene	14.622	180	586314	46.128	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	543100	49.574	ug/L	100
71) Naphthalene	15.360	128	1258096	51.743	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	457433	46.820	ug/L	98

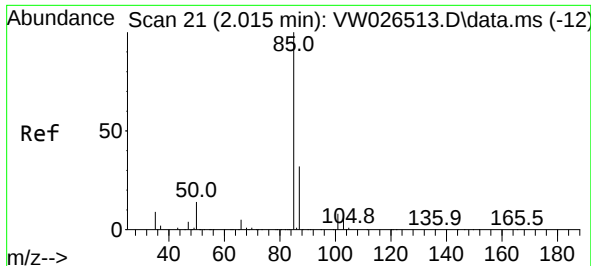
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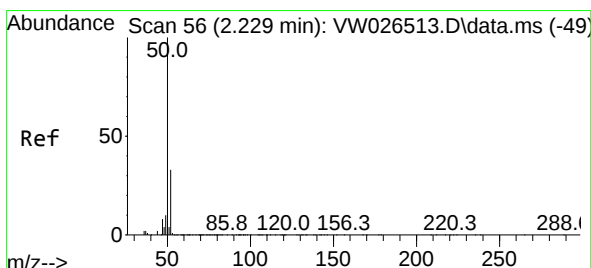
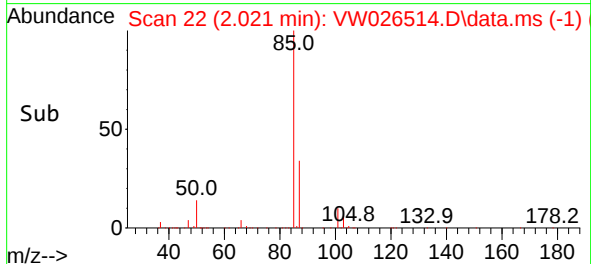
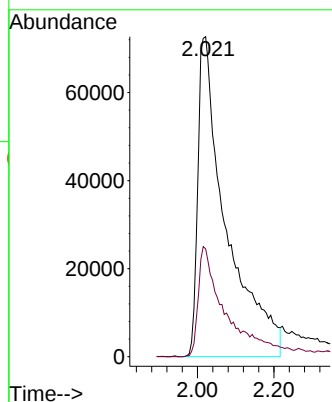
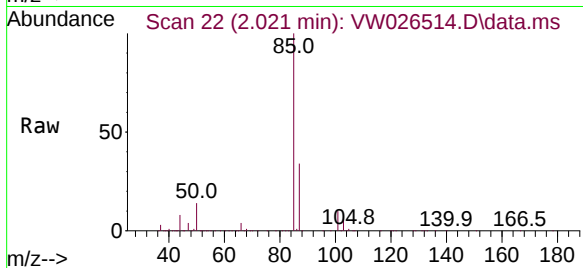




#2
 Dichlorodifluoromethane
 Concen: 50.859 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026514.D
 Acq: 03 Jul 2023 17:31

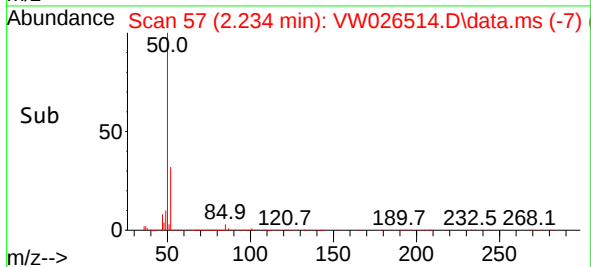
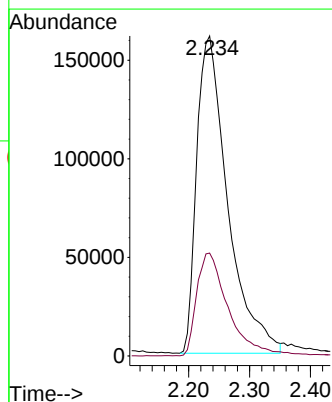
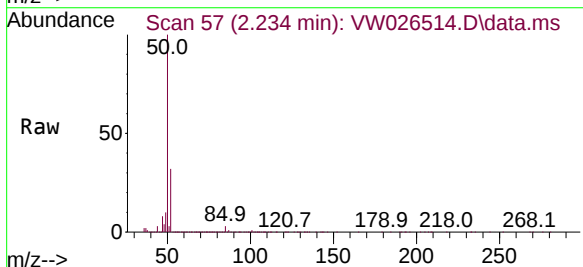
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050401

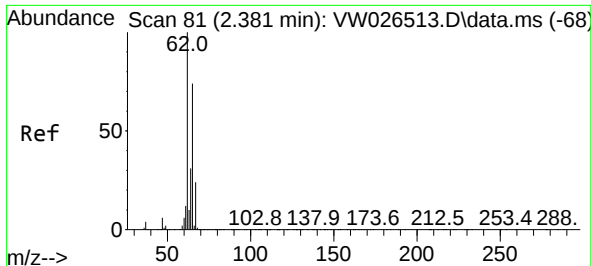
Tgt Ion: 85 Resp: 371916
 Ion Ratio Lower Upper
 85 100
 87 26.6 23.8 35.8



#3
 Chloromethane
 Concen: 49.099 ug/L
 RT: 2.234 min Scan# 57
 Delta R.T. 0.006 min
 Lab File: VW026514.D
 Acq: 03 Jul 2023 17:31

Tgt Ion: 50 Resp: 569939
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.7 42.1

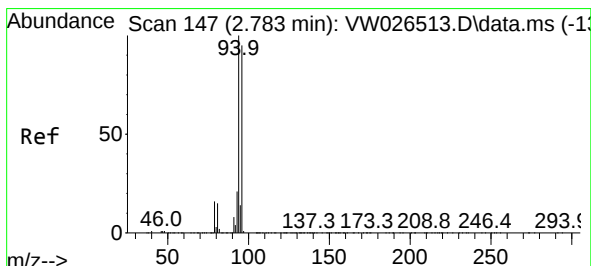
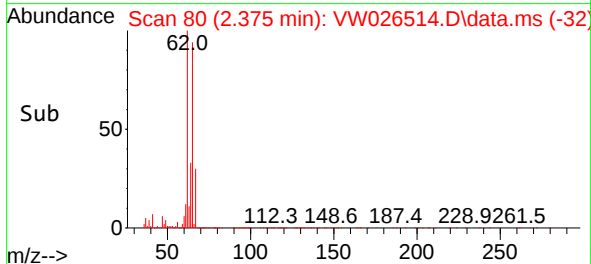
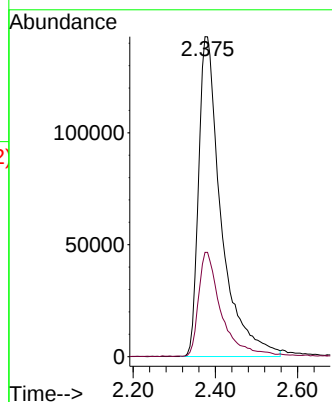
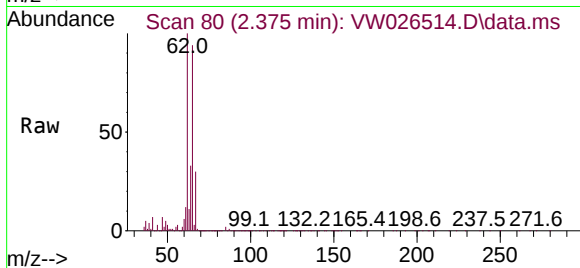




#5
 Vinyl chloride
 Concen: 48.772 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW026514.D
 Acq: 03 Jul 2023 17:31

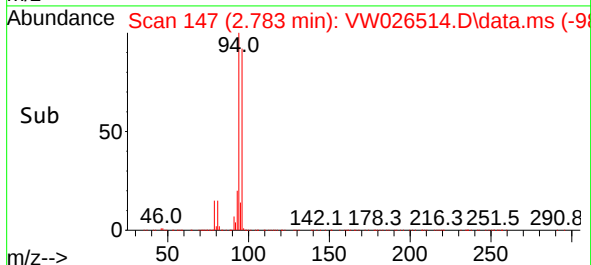
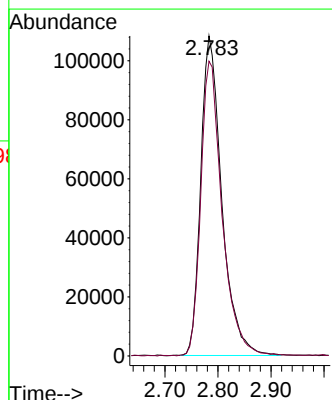
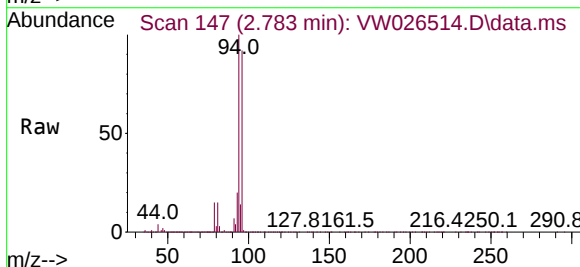
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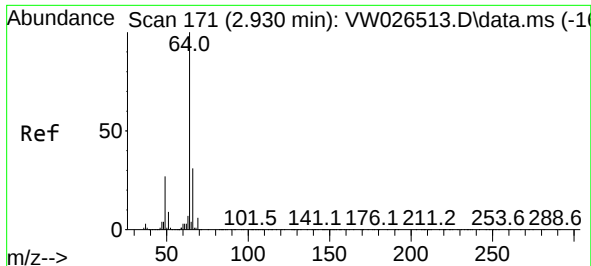
Tgt Ion: 62 Resp: 544250
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.1 41.1



#6
 Bromomethane
 Concen: 46.734 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW026514.D
 Acq: 03 Jul 2023 17:31

Tgt Ion: 94 Resp: 298166
 Ion Ratio Lower Upper
 94 100
 96 92.1 66.3 123.1

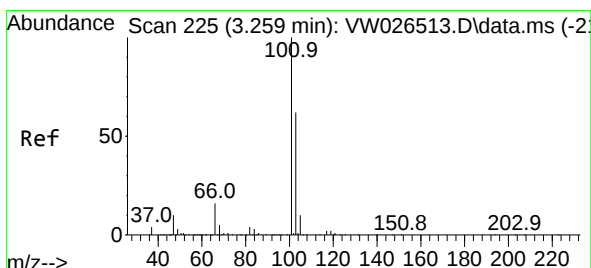
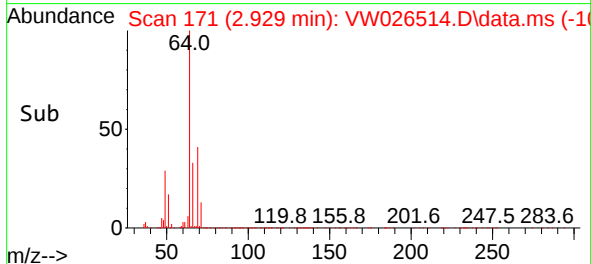
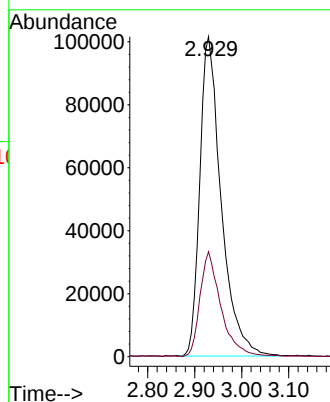
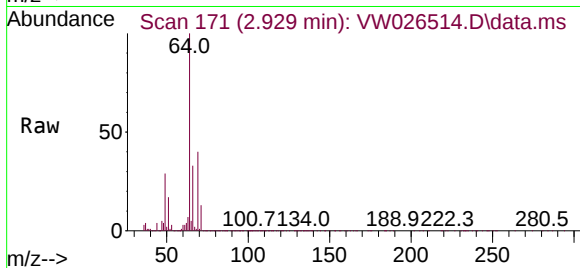




#8
Chloroethane
Concen: 48.810 ug/L
RT: 2.929 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

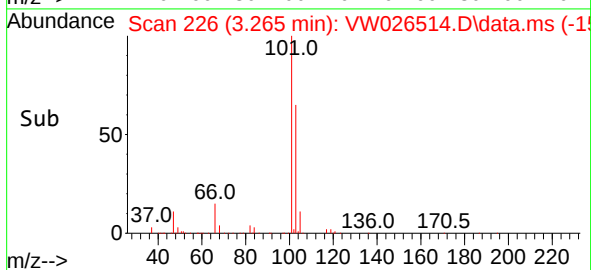
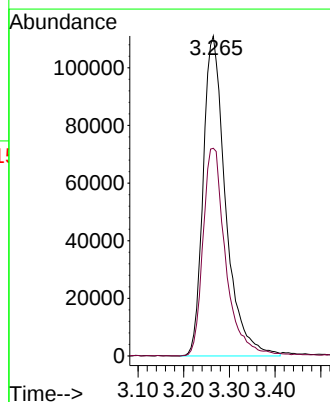
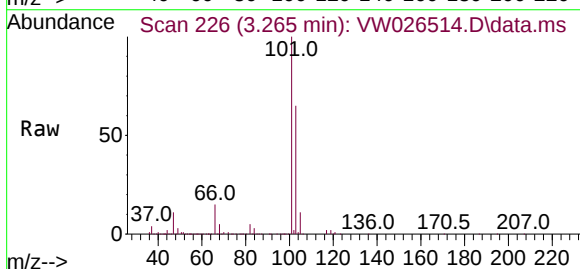
Instrument :
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ClientSampleId :
VSTD050401

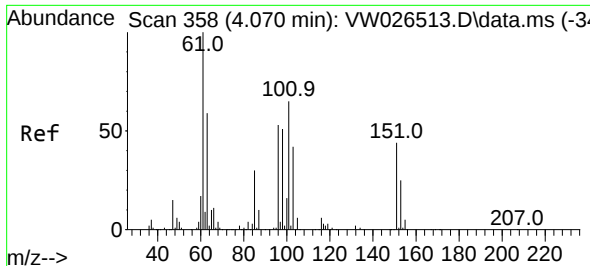
Tgt Ion: 64 Resp: 320479
Ion Ratio Lower Upper
64 100
66 32.8 21.6 40.2



#9
Trichlorofluoromethane
Concen: 50.288 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Tgt Ion:101 Resp: 378785
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8

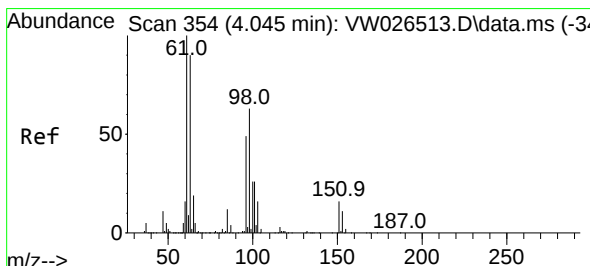
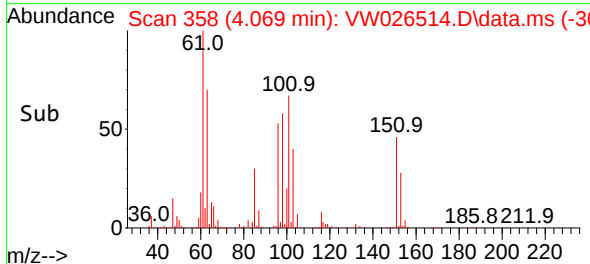
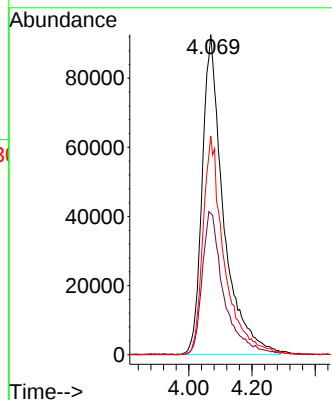
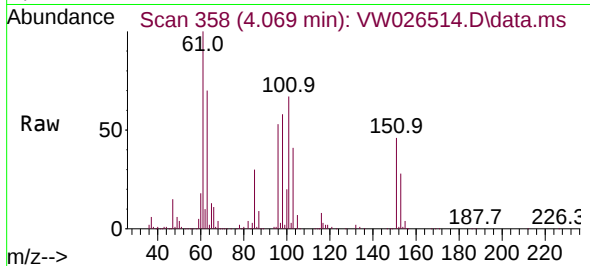




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.479 ug/L
 RT: 4.069 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW026514.D
 Acq: 03 Jul 2023 17:31

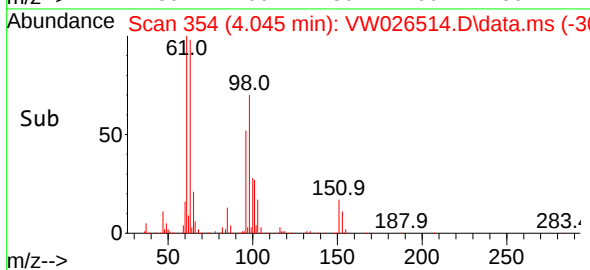
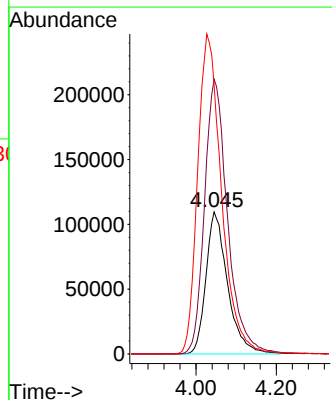
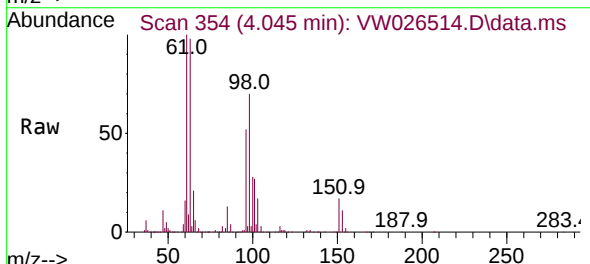
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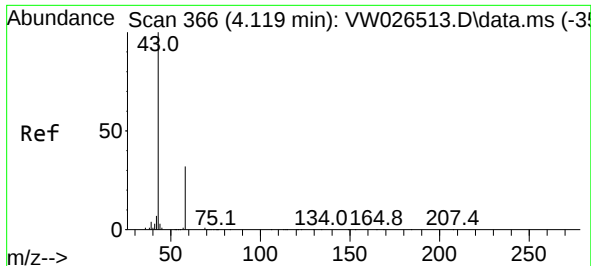
Tgt Ion:101 Resp: 432297
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.4 53.0
 151 67.8 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 48.208 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026514.D
 Acq: 03 Jul 2023 17:31

Tgt Ion: 96 Resp: 410515
 Ion Ratio Lower Upper
 96 100
 61 193.3 142.9 265.5
 63 189.3 132.7 246.5

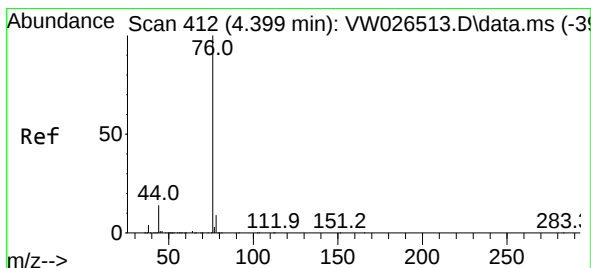
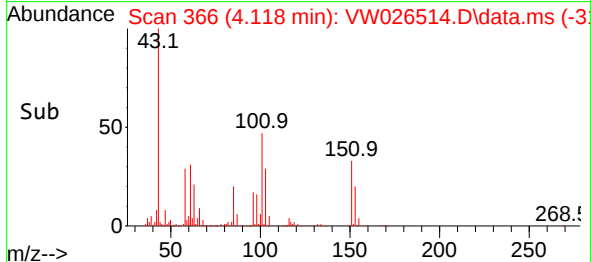
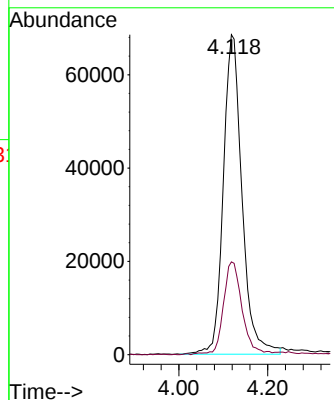
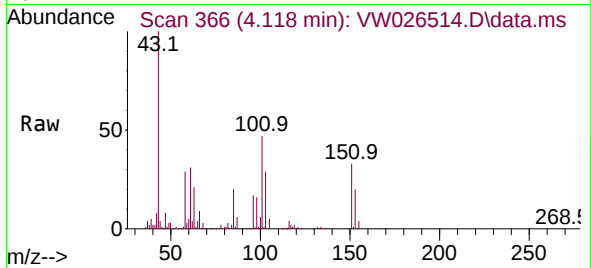




#13
Acetone
Concen: 84.972 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

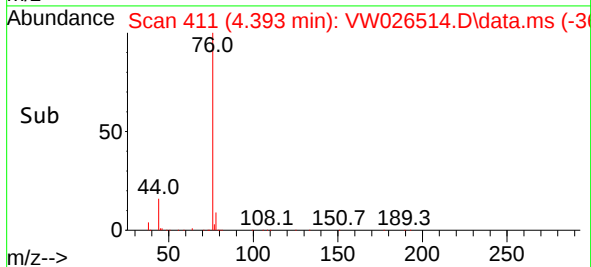
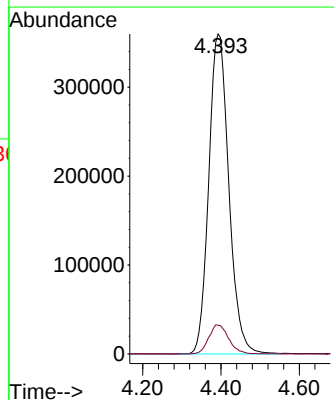
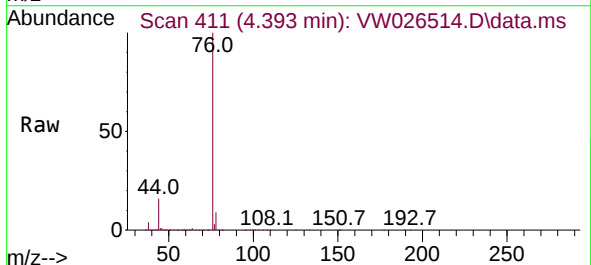
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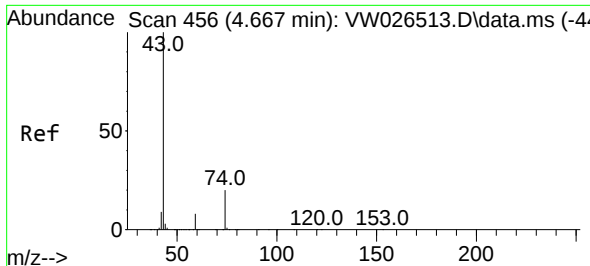
Tgt Ion: 43 Resp: 199255
Ion Ratio Lower Upper
43 100
58 27.7 0.0 59.6



#14
Carbon disulfide
Concen: 47.561 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
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Acq: 03 Jul 2023 17:31

Tgt Ion: 76 Resp: 1278792
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

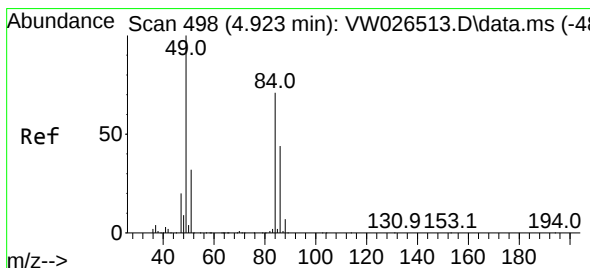
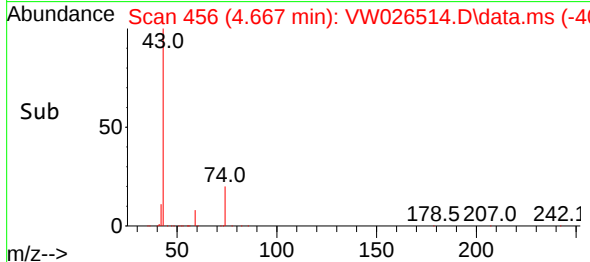
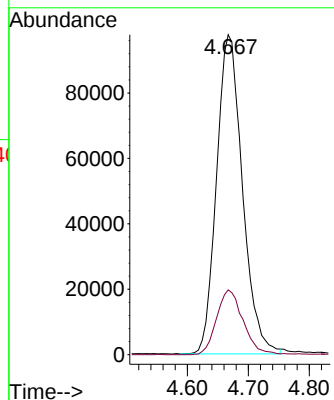
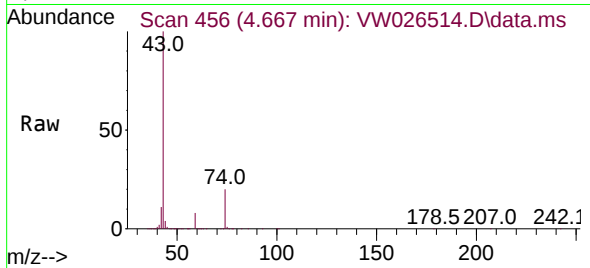




#15
Methyl Acetate
Concen: 48.241 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

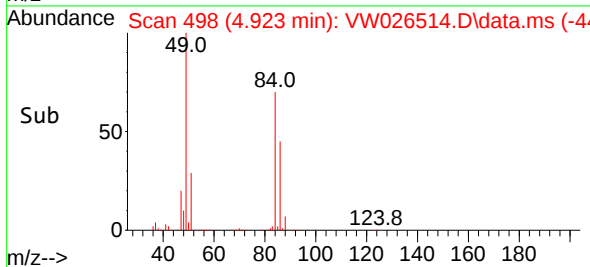
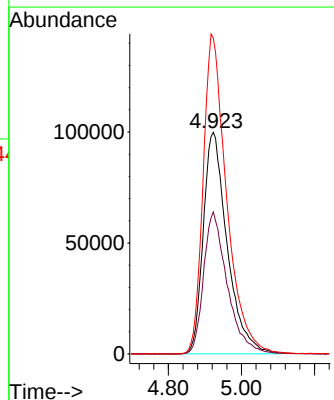
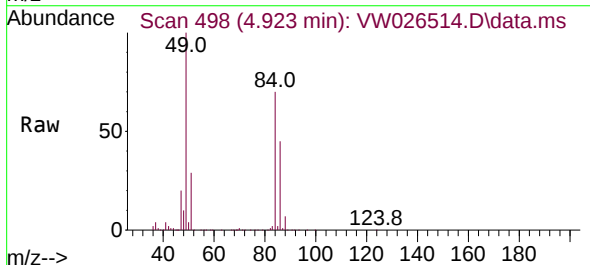
Instrument :
MSVOA_W
ClientSampleId :
VSTD050401

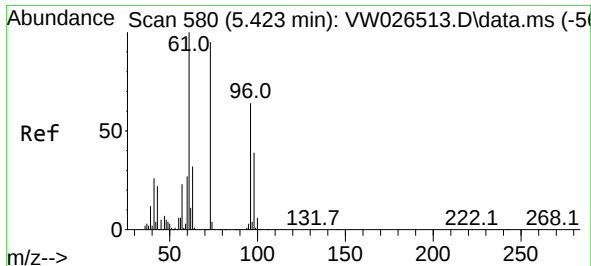
Tgt Ion: 43 Resp: 288133
Ion Ratio Lower Upper
43 100
74 20.7 16.6 24.8



#16
Methylene chloride
Concen: 38.735 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Tgt Ion: 84 Resp: 453740
Ion Ratio Lower Upper
84 100
86 64.1 43.3 80.5
49 142.6 99.3 184.3

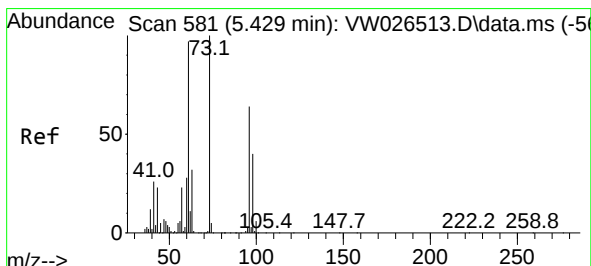
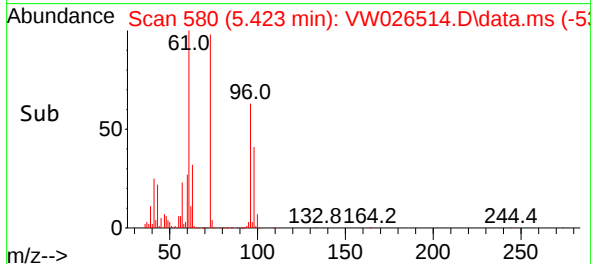
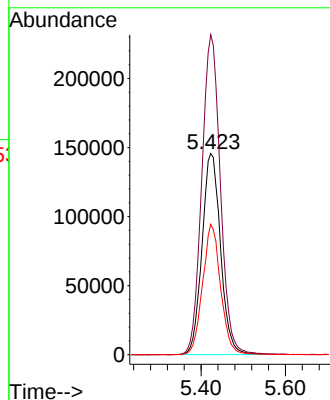
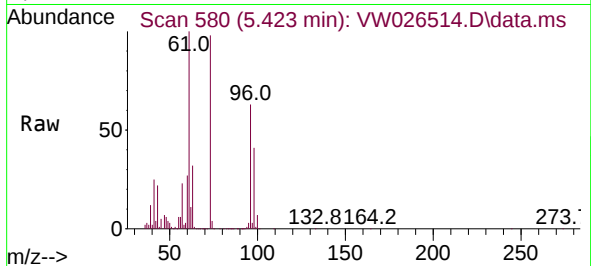




#17
trans-1,2-Dichloroethene
Concen: 47.666 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

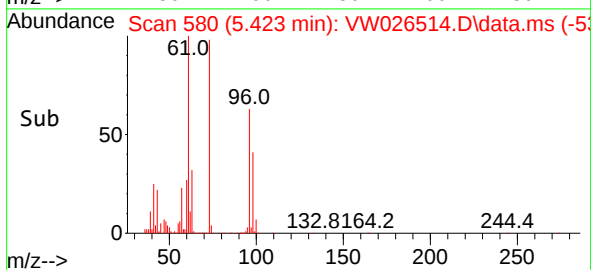
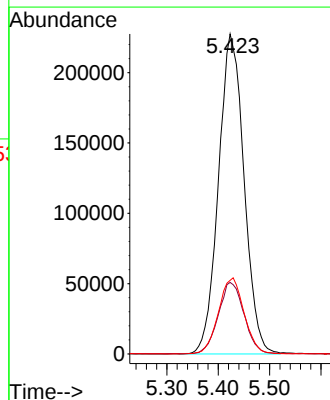
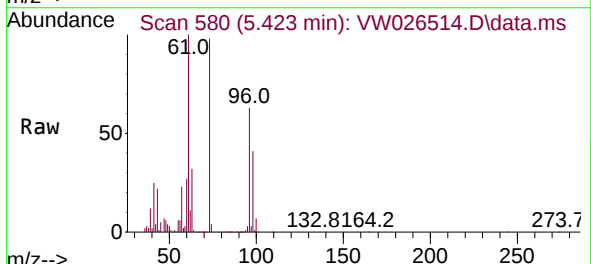
Instrument :
MSVOA_W
ClientSampleId :
VSTD050401

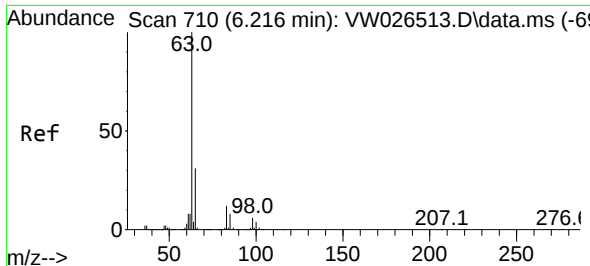
Tgt Ion: 96 Resp: 445672
Ion Ratio Lower Upper
96 100
61 159.1 109.7 203.7
98 64.9 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 49.045 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Tgt Ion: 73 Resp: 785928
Ion Ratio Lower Upper
73 100
43 22.4 17.8 26.8
57 23.8 18.8 28.2





#19

1,1-Dichloroethane

Concen: 47.655 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026514.D

Acq: 03 Jul 2023 17:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD050401

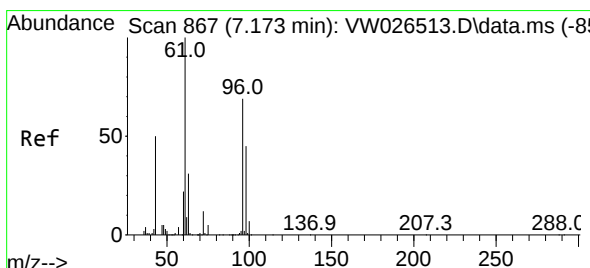
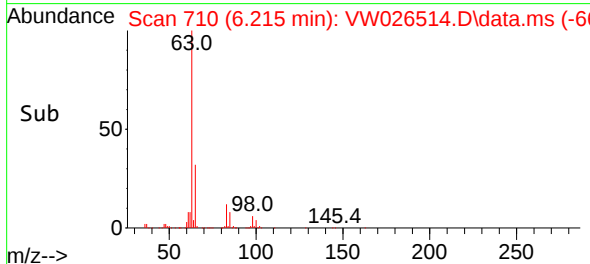
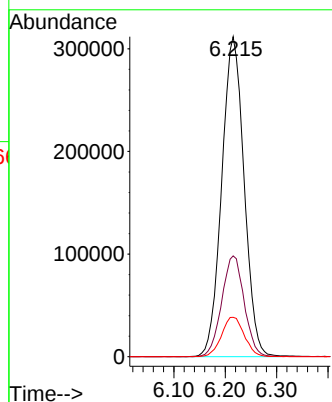
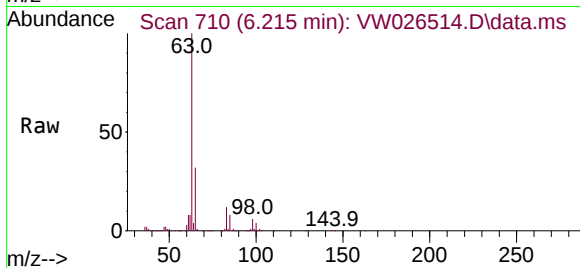
Tgt Ion: 63 Resp: 942395

Ion Ratio Lower Upper

63 100

65 31.5 21.8 40.4

83 12.3 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 48.182 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026514.D

Acq: 03 Jul 2023 17:31

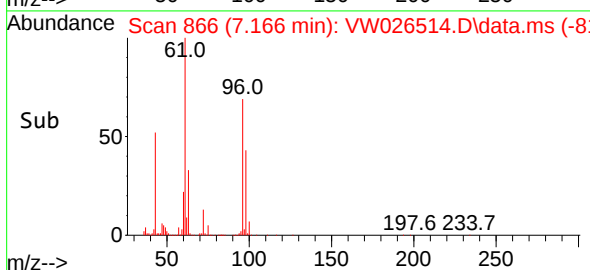
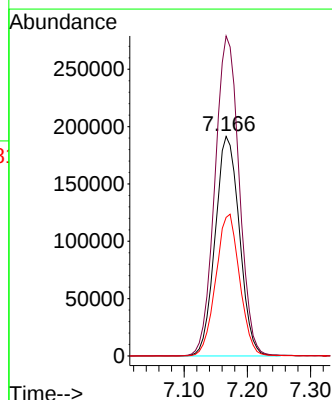
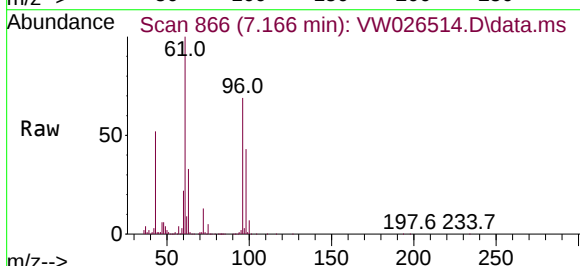
Tgt Ion: 96 Resp: 509667

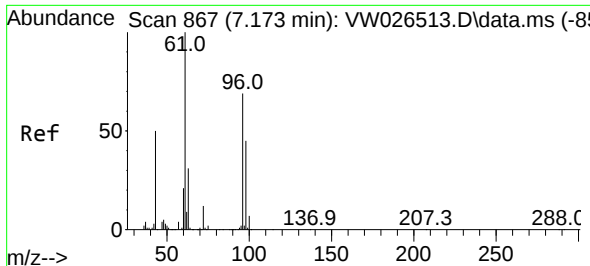
Ion Ratio Lower Upper

96 100

61 145.8 101.9 189.3

98 63.1 45.9 85.3

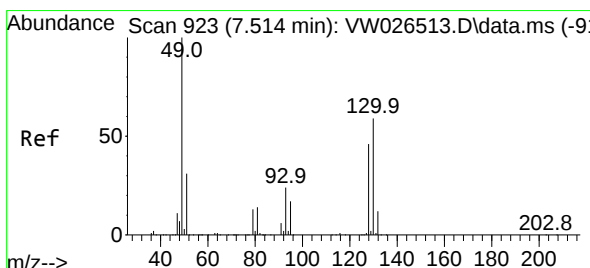
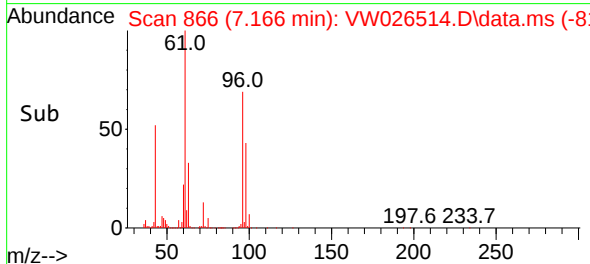
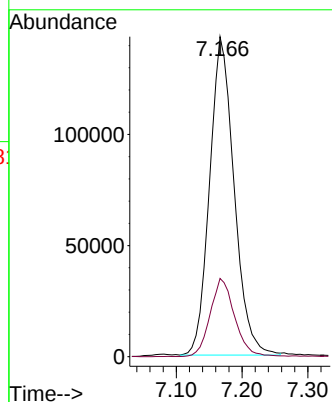
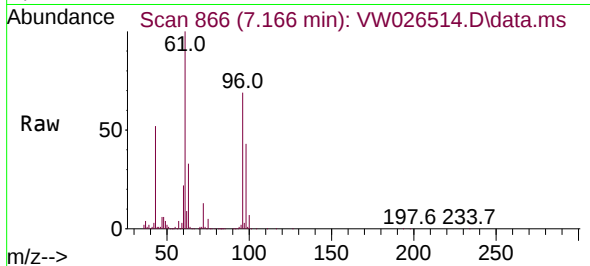




#22
2-Butanone
Concen: 89.405 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

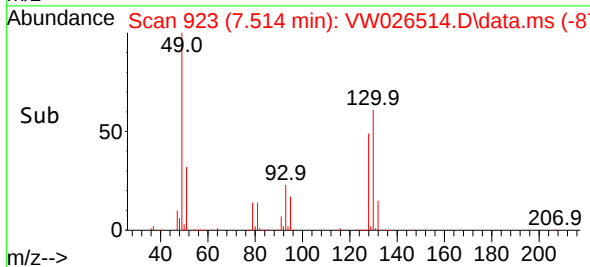
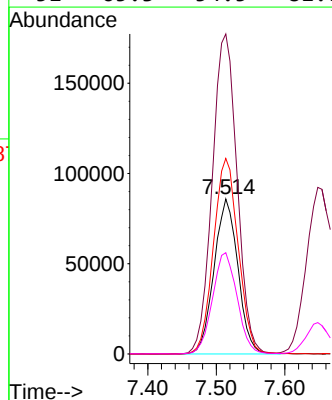
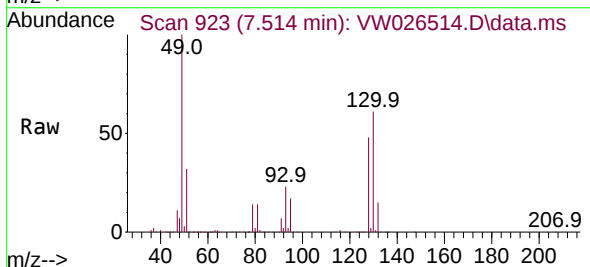
Instrument :
MSVOA_W
ClientSampleId :
VSTD050401

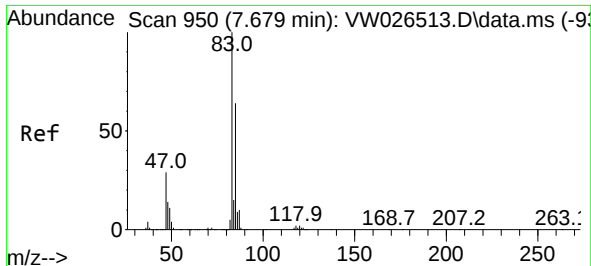
Tgt Ion: 43 Resp: 371737
Ion Ratio Lower Upper
43 100
72 24.2 12.0 36.1



#23
Bromochloromethane
Concen: 46.444 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Tgt Ion: 128 Resp: 207750
Ion Ratio Lower Upper
128 100
49 206.4 152.2 282.7
130 126.1 89.2 165.8
51 65.3 54.5 81.7

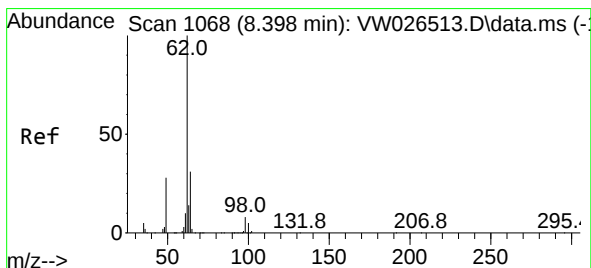
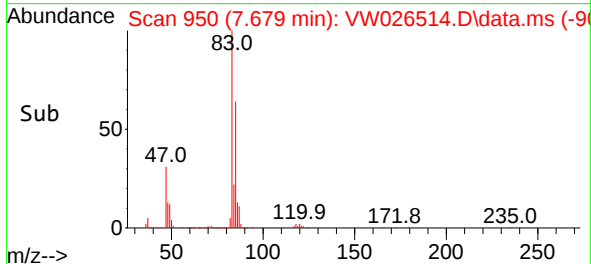
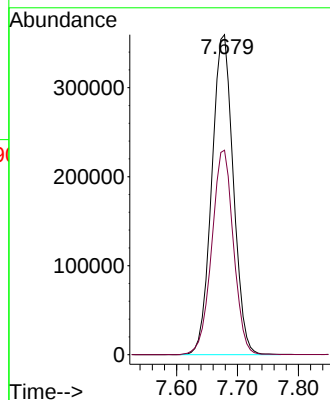
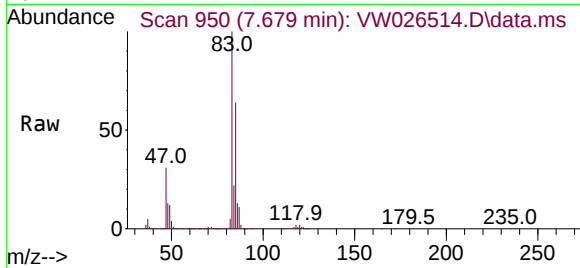




#25
Chloroform
Concen: 47.965 ug/L
RT: 7.679 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

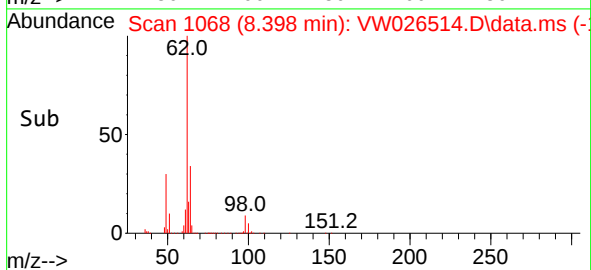
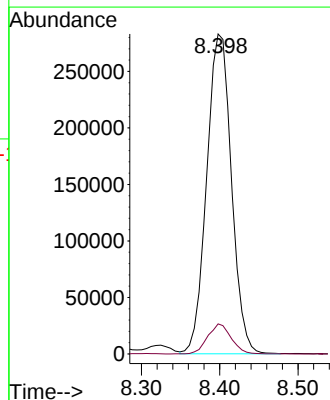
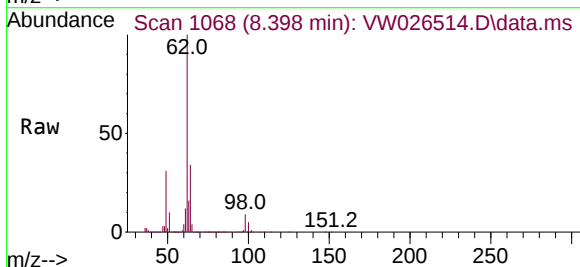
Instrument :
MSVOA_W
ClientSampleId :
VSTD050401

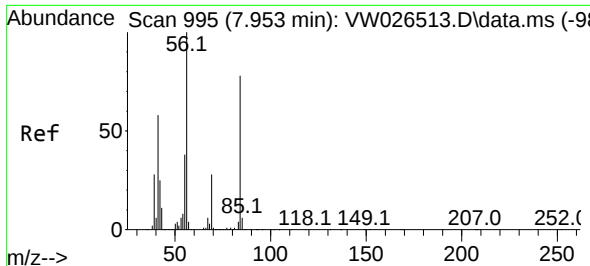
Tgt Ion: 83 Resp: 882921
Ion Ratio Lower Upper
83 100
85 63.9 44.8 83.2



#27
1,2-Dichloroethane
Concen: 46.412 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Tgt Ion: 62 Resp: 622371
Ion Ratio Lower Upper
62 100
98 9.4 6.8 10.2

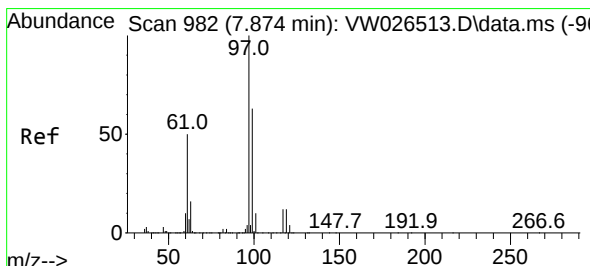
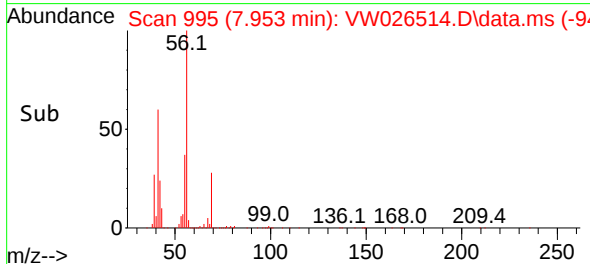
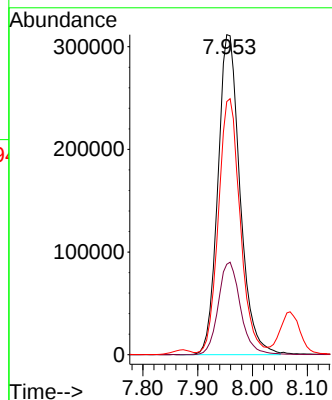
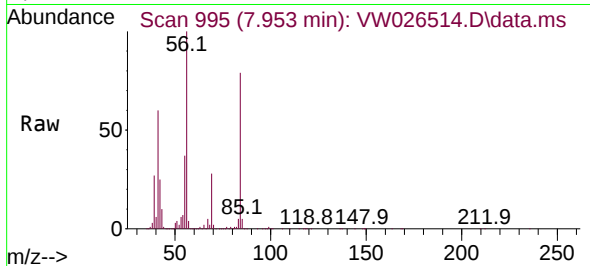




#29
Cyclohexane
Concen: 48.712 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

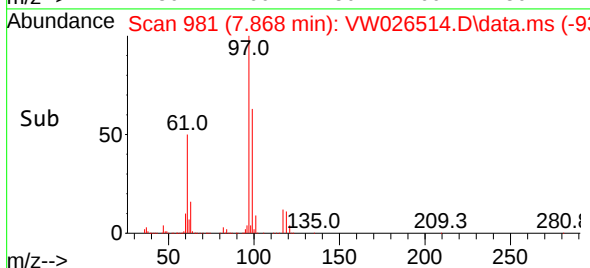
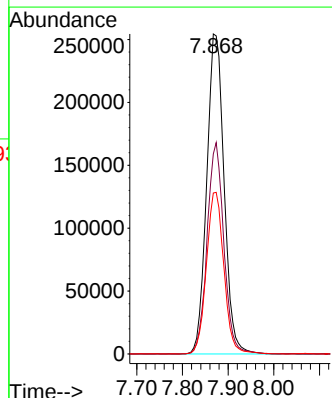
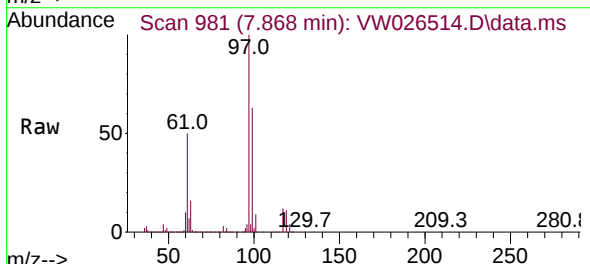
Instrument :
MSVOA_W
ClientSampleId :
VSTD050401

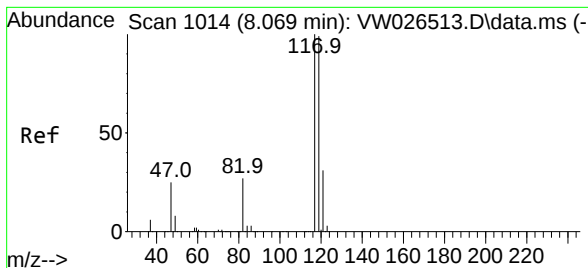
Tgt Ion: 56 Resp: 874716
Ion Ratio Lower Upper
56 100
69 29.1 22.9 34.3
84 78.9 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 47.263 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Tgt Ion: 97 Resp: 671779
Ion Ratio Lower Upper
97 100
99 63.6 52.2 78.2
61 50.9 40.2 60.2





#31

Carbon tetrachloride

Concen: 47.046 ug/L

RT: 8.075 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW026514.D

Acq: 03 Jul 2023 17:31

Instrument :

MSVOA_W

ClientSampleId :

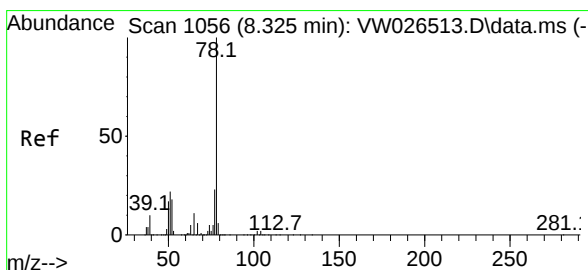
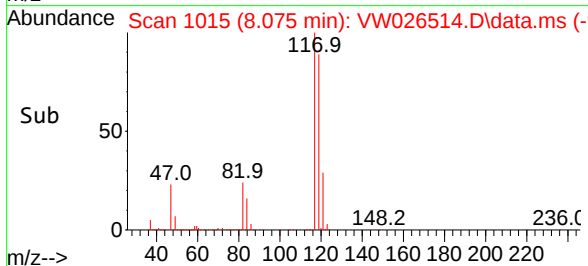
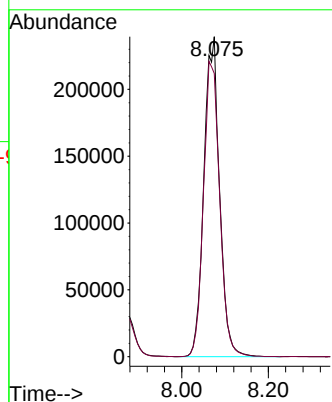
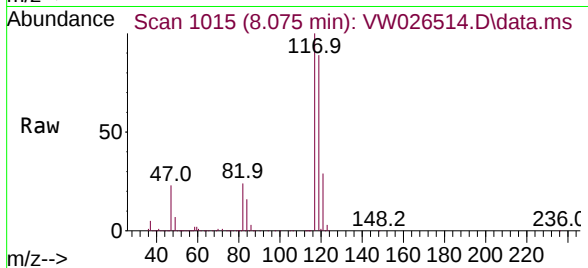
VSTD050401

Tgt Ion:117 Resp: 601210

Ion Ratio Lower Upper

117 100

119 95.5 76.3 114.5



#33

Benzene

Concen: 47.281 ug/L

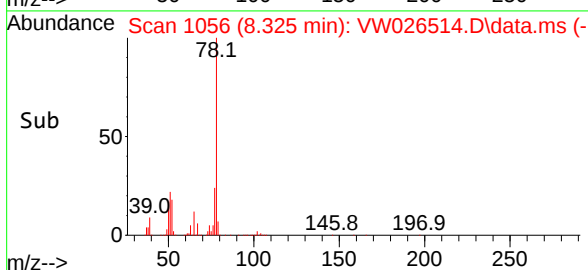
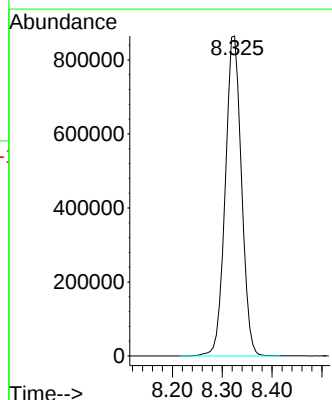
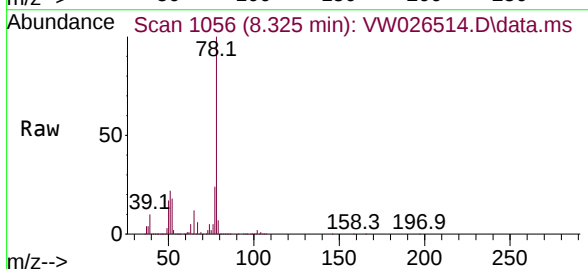
RT: 8.325 min Scan# 1056

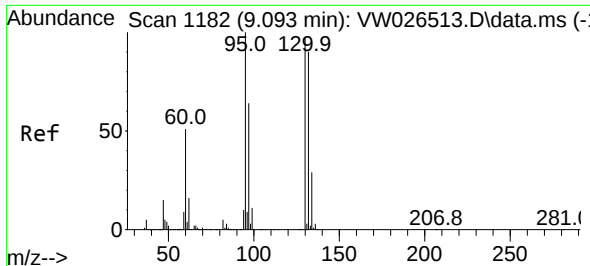
Delta R.T. -0.000 min

Lab File: VW026514.D

Acq: 03 Jul 2023 17:31

Tgt Ion: 78 Resp: 1950156



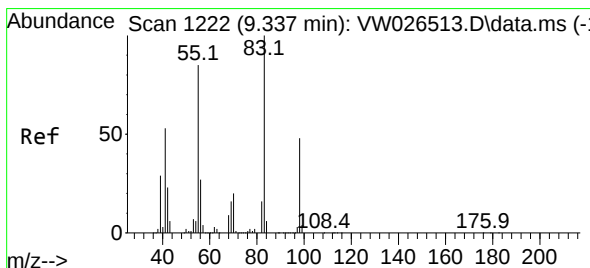
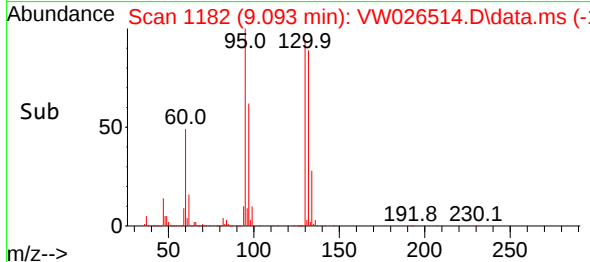
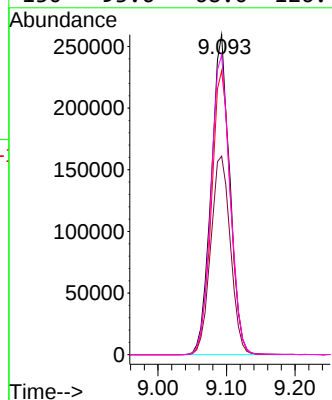
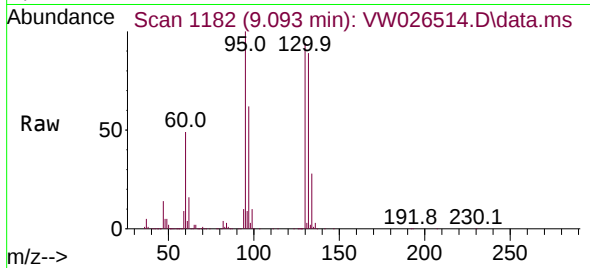


#34
Trichloroethene
Concen: 46.182 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD050401

Tgt Ion: 95 Resp: 488337

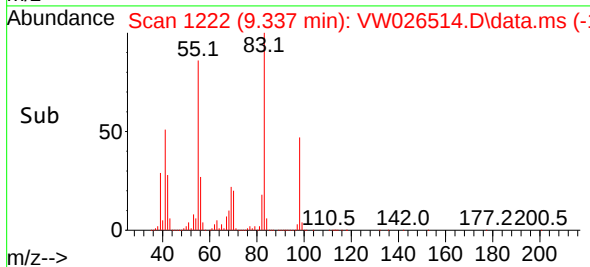
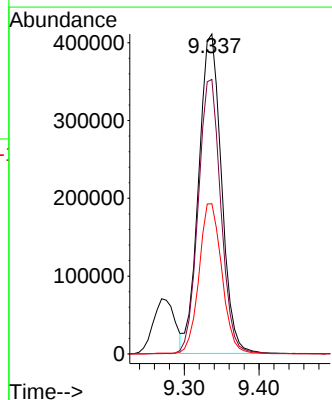
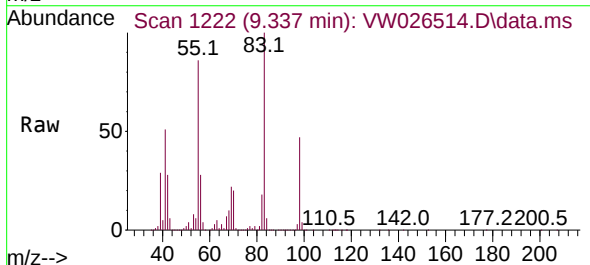
Ion	Ratio	Lower	Upper
95	100		
97	62.1	45.1	83.7
132	88.7	63.2	117.4
130	93.6	68.0	126.4

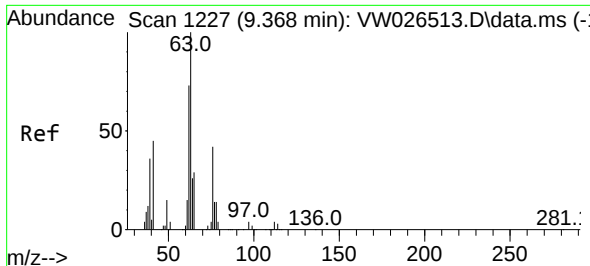


#35
Methylcyclohexane
Concen: 48.087 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Tgt Ion: 83 Resp: 869356

Ion	Ratio	Lower	Upper
83	100		
55	85.5	67.5	101.3
98	46.9	37.3	55.9





#37

1,2-Dichloropropane

Concen: 47.496 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026514.D

Acq: 03 Jul 2023 17:31

Instrument :

MSVOA_W

ClientSampleId :

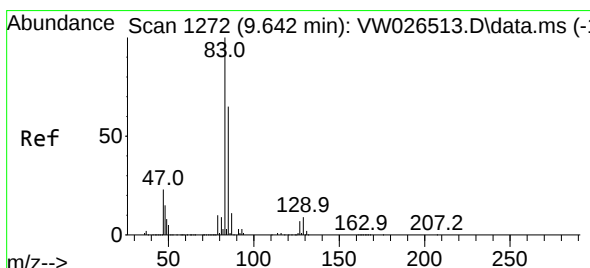
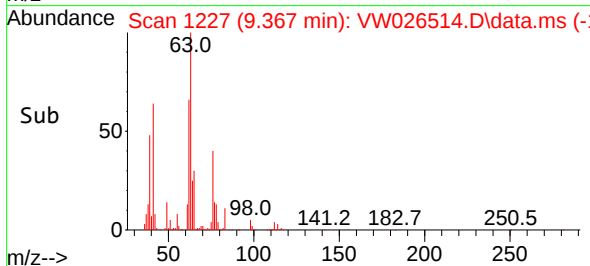
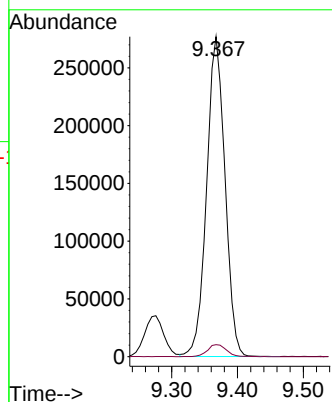
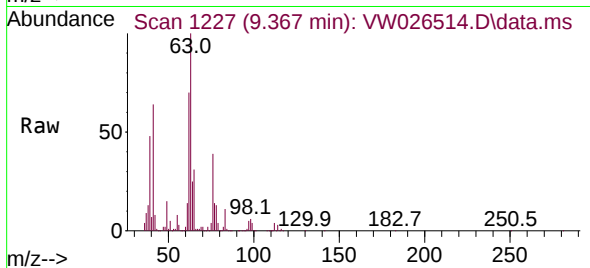
VSTD050401

Tgt Ion: 63 Resp: 537279

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 47.933 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW026514.D

Acq: 03 Jul 2023 17:31

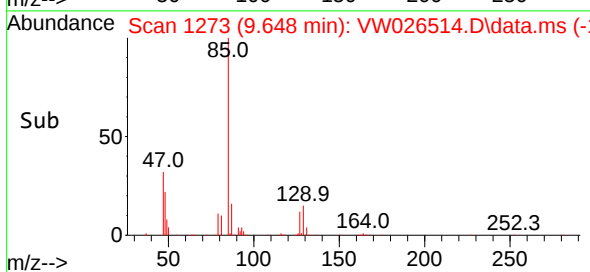
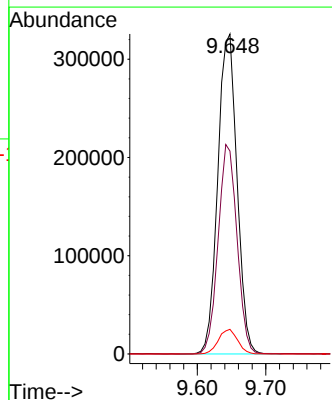
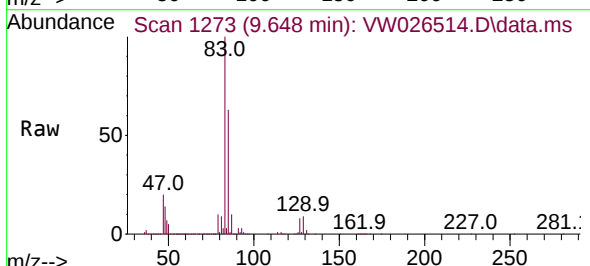
Tgt Ion: 83 Resp: 633993

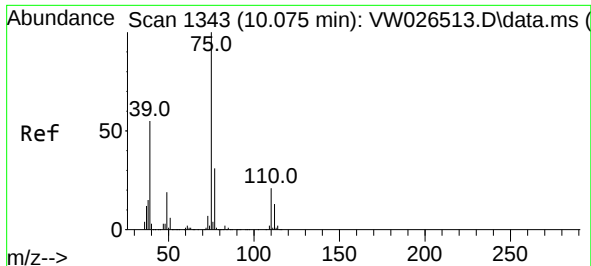
Ion Ratio Lower Upper

83 100

85 63.4 45.4 84.2

127 7.7 5.2 7.8

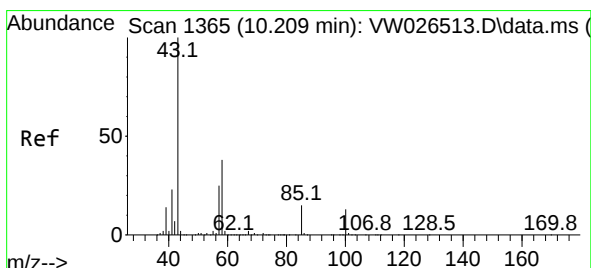
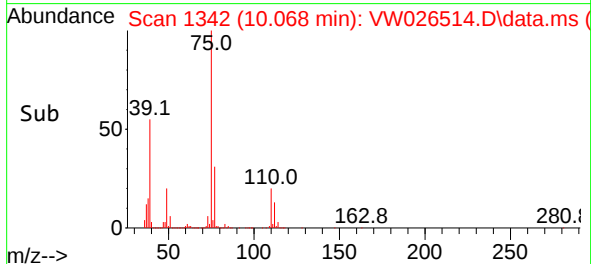
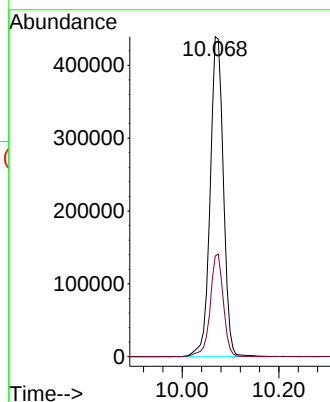
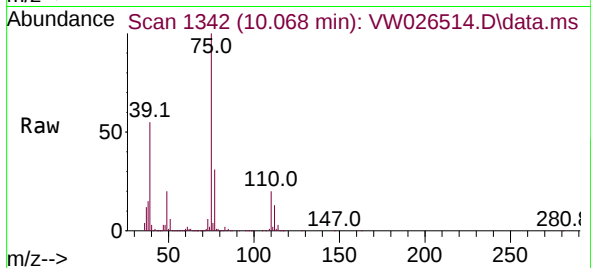




#39
cis-1,3-Dichloropropene
Concen: 50.430 ug/L
RT: 10.068 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

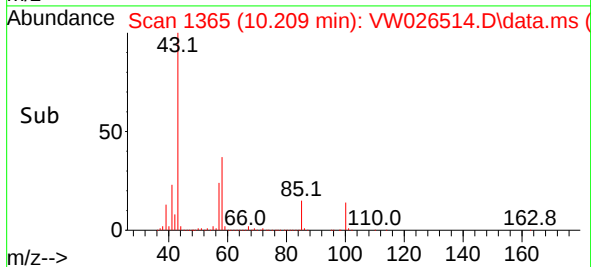
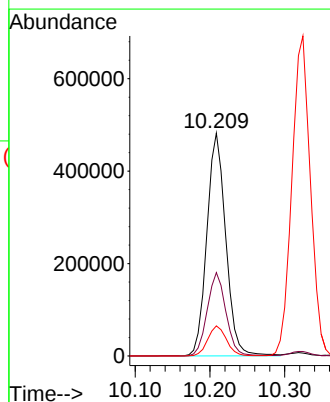
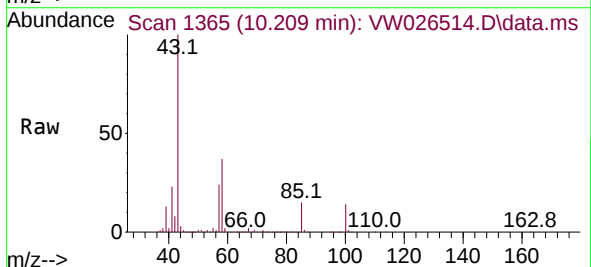
Instrument :
MSVOA_W
ClientSampleId :
VSTD050401

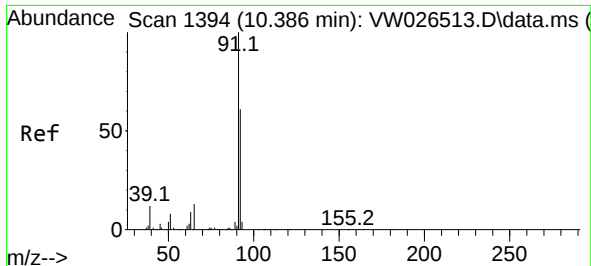
Tgt Ion: 75 Resp: 834063
Ion Ratio Lower Upper
75 100
77 31.4 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 99.002 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Tgt Ion: 43 Resp: 846418
Ion Ratio Lower Upper
43 100
58 36.9 29.8 44.8
100 13.4 10.6 15.8

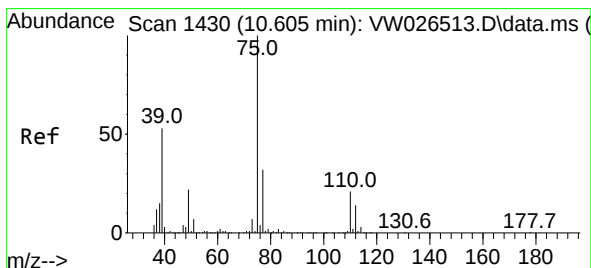
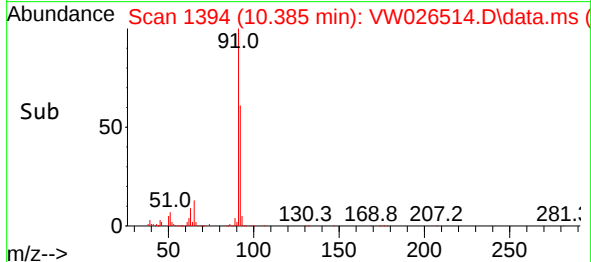
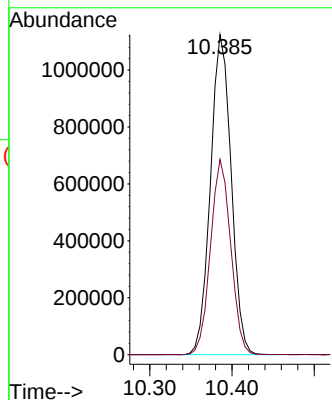
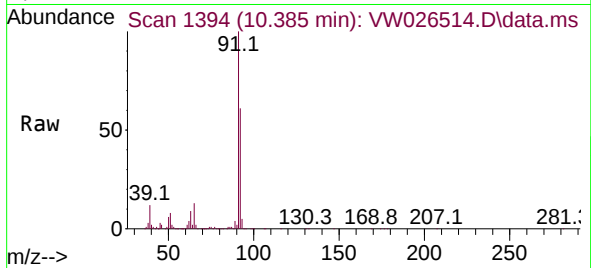




#42
Toluene
Concen: 46.815 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

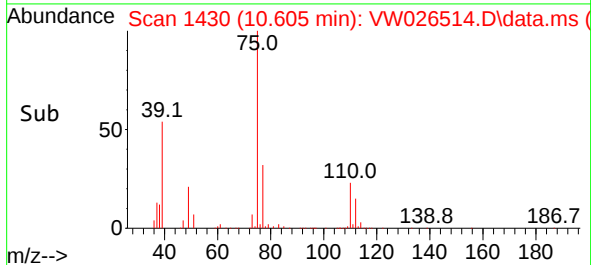
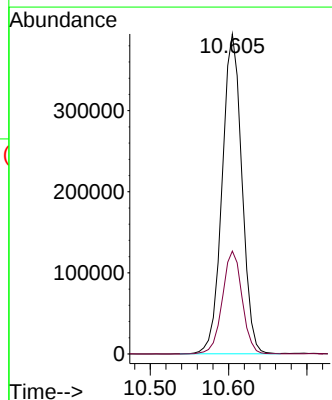
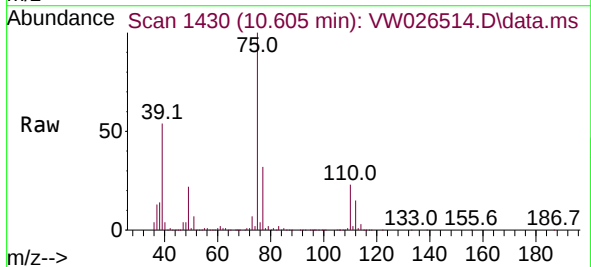
Instrument :
MSVOA_W
ClientSampleId :
VSTD050401

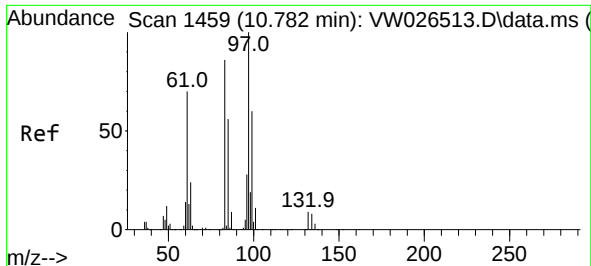
Tgt Ion: 91 Resp: 1968525
Ion Ratio Lower Upper
91 100
92 61.0 42.4 78.8



#44
trans-1,3-Dichloropropene
Concen: 49.710 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Tgt Ion: 75 Resp: 691597
Ion Ratio Lower Upper
75 100
77 32.2 22.6 42.0



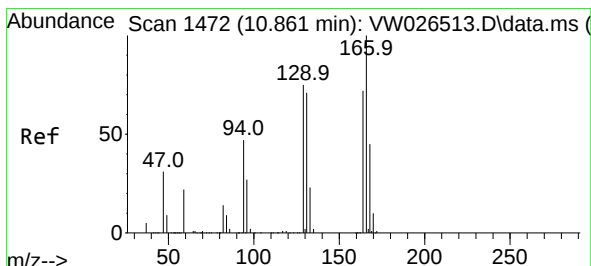
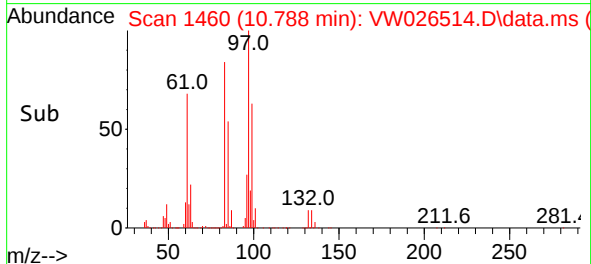
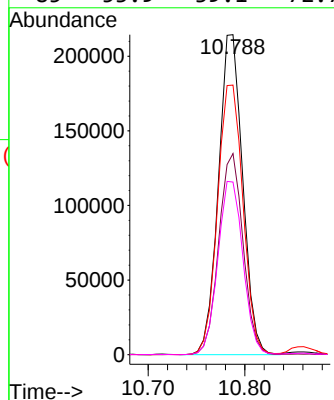
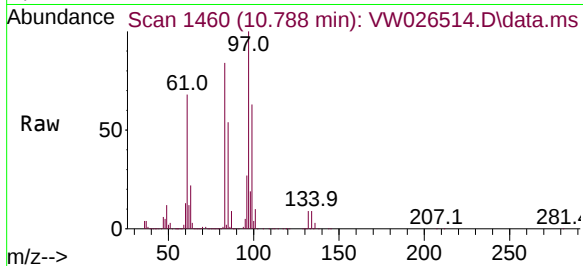


#45
1,1,2-Trichloroethane
Concen: 47.574 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD050401

Tgt Ion: 97 Resp: 373351

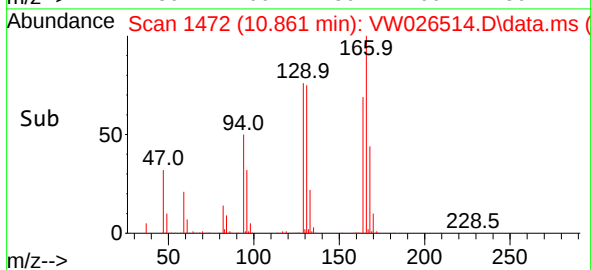
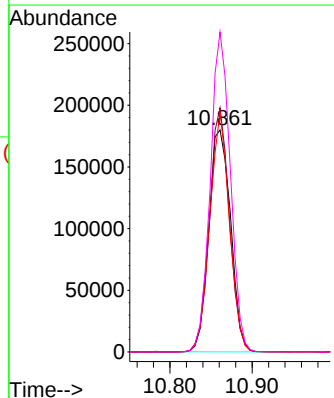
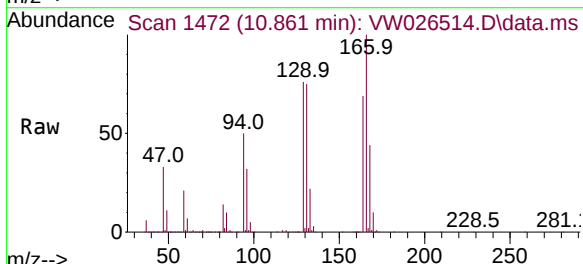
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.1	78.1
83	84.2	59.9	111.3
85	53.9	39.1	72.7

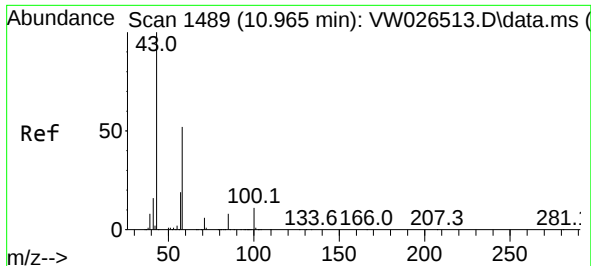


#46
Tetrachloroethene
Concen: 46.276 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Tgt Ion: 164 Resp: 329472

Ion	Ratio	Lower	Upper
164	100		
129	110.0	73.0	135.6
131	107.9	69.2	128.6
166	144.1	97.8	181.6



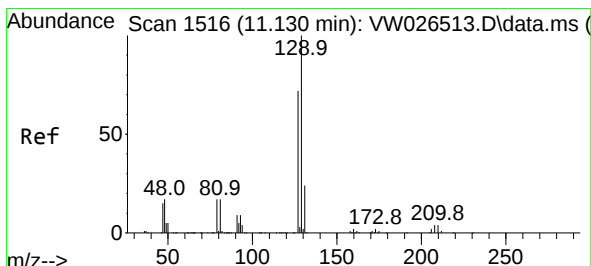
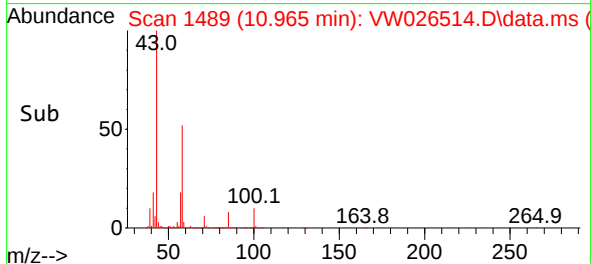
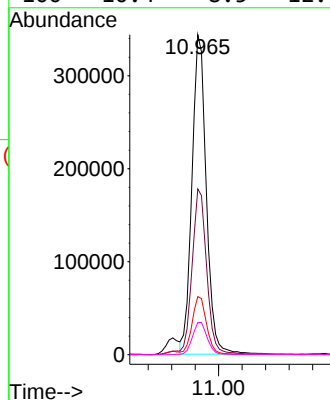
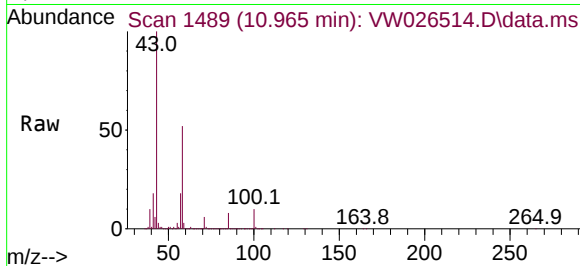


#48
2-Hexanone
Concen: 100.855 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD050401

Tgt Ion: 43 Resp: 582104

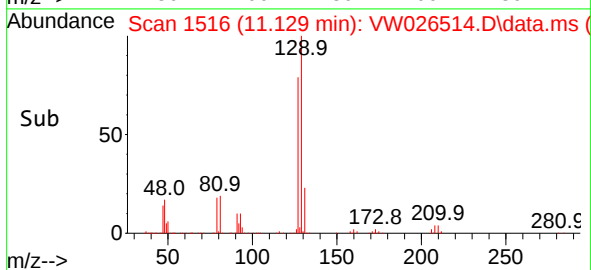
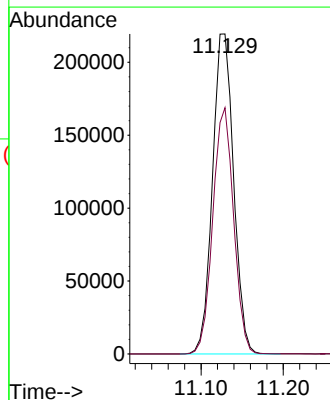
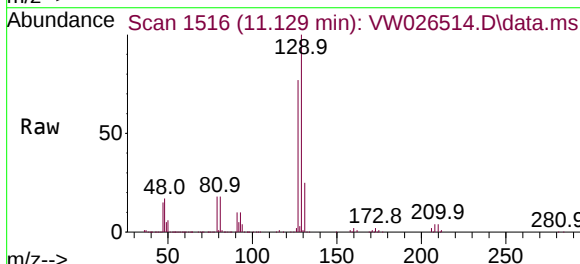
Ion	Ratio	Lower	Upper
43	100		
58	52.4	39.9	59.9
57	18.2	14.1	21.1
100	10.4	8.5	12.7

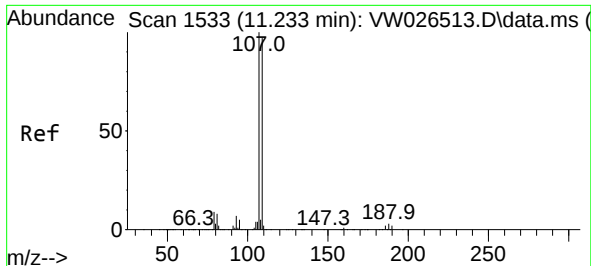


#49
Dibromochloromethane
Concen: 48.779 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Tgt Ion: 129 Resp: 392612

Ion	Ratio	Lower	Upper
129	100		
127	77.0	50.0	93.0





#50

1,2-Dibromoethane

Concen: 47.931 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026514.D

Acq: 03 Jul 2023 17:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD050401

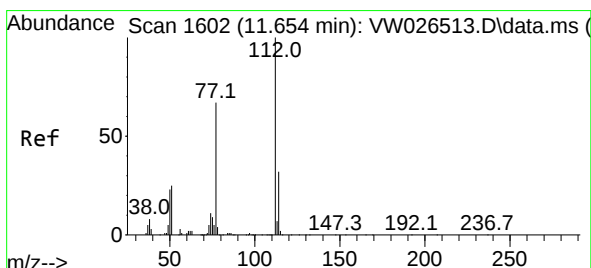
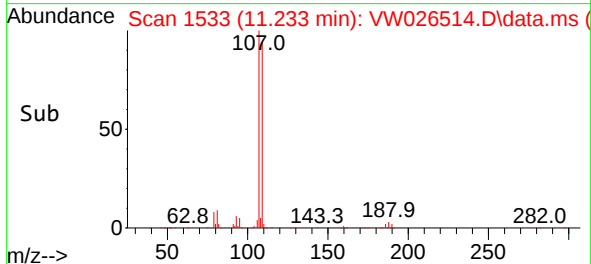
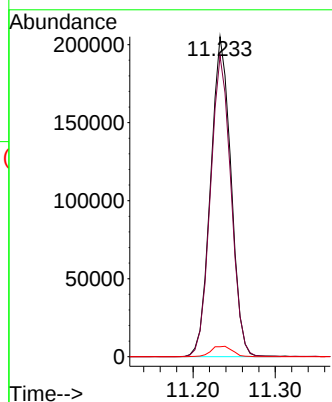
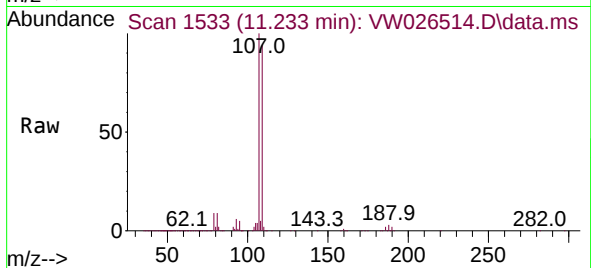
Tgt Ion:107 Resp: 352840

Ion Ratio Lower Upper

107 100

109 93.9 67.7 125.7

188 3.1 2.7 4.1



#51

Chlorobenzene

Concen: 46.716 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026514.D

Acq: 03 Jul 2023 17:31

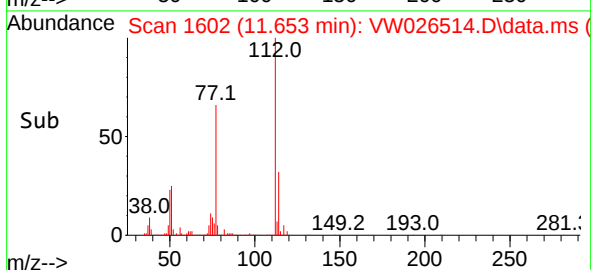
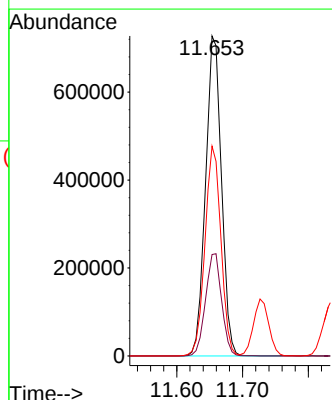
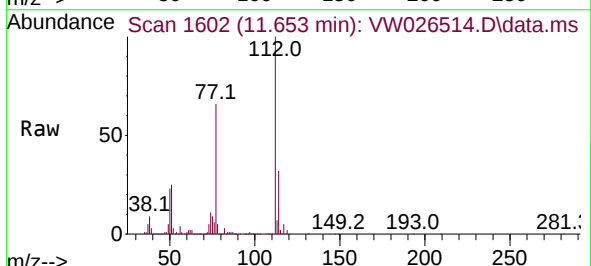
Tgt Ion:112 Resp: 1223472

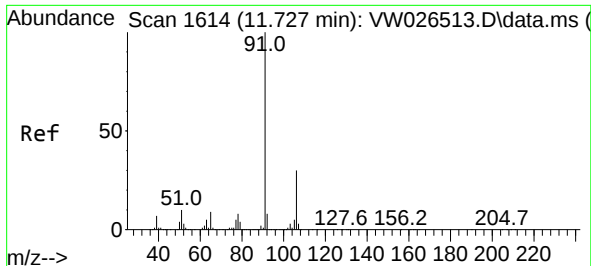
Ion Ratio Lower Upper

112 100

114 31.7 22.2 41.2

77 65.6 53.4 80.2

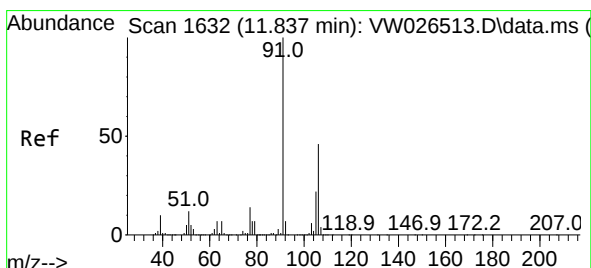
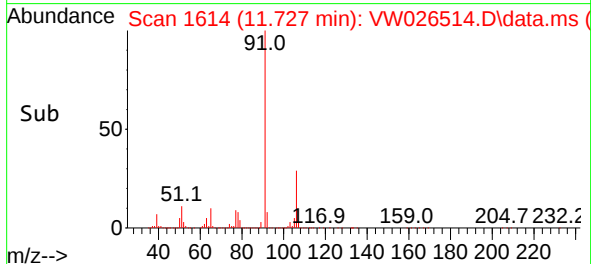
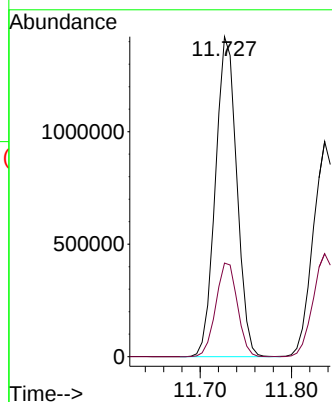
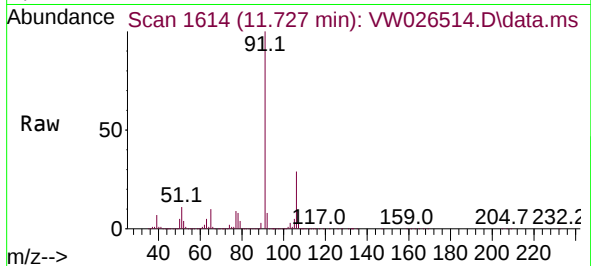




#52
Ethylbenzene
Concen: 48.548 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

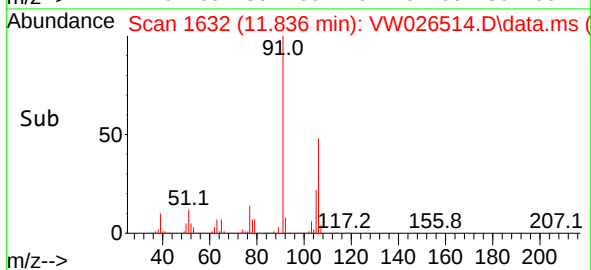
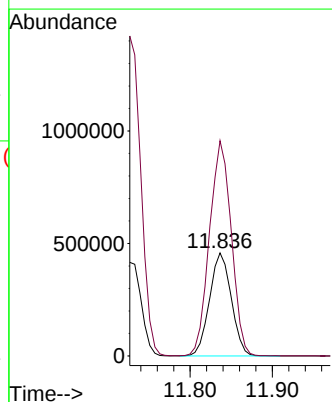
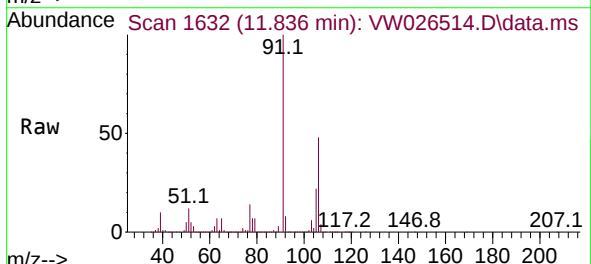
Instrument :
MSVOA_W
ClientSampleId :
VSTD050401

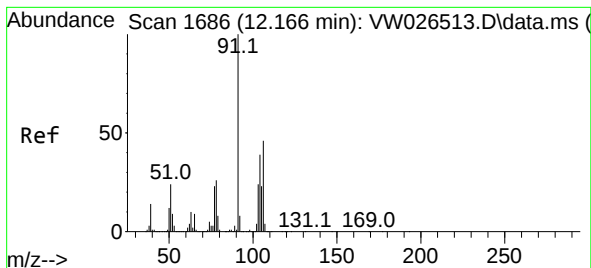
Tgt Ion: 91 Resp: 2309548
Ion Ratio Lower Upper
91 100
106 29.3 20.7 38.5



#53
m,p-Xylene
Concen: 47.802 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Tgt Ion:106 Resp: 839490
Ion Ratio Lower Upper
106 100
91 208.9 152.7 283.7

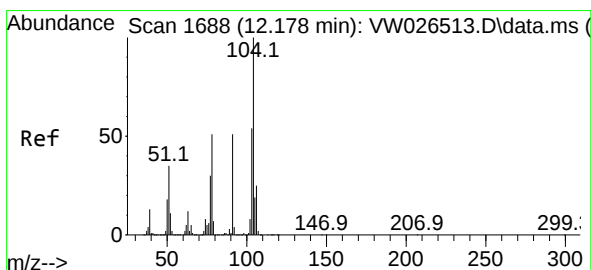
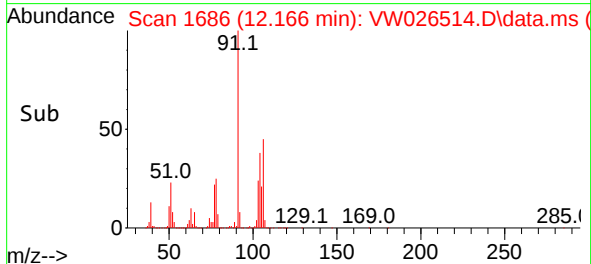
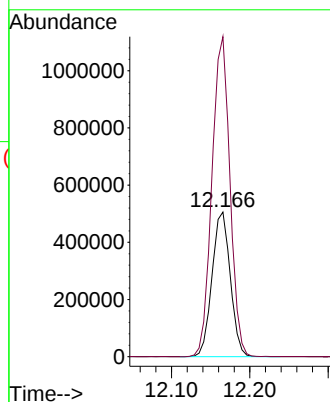
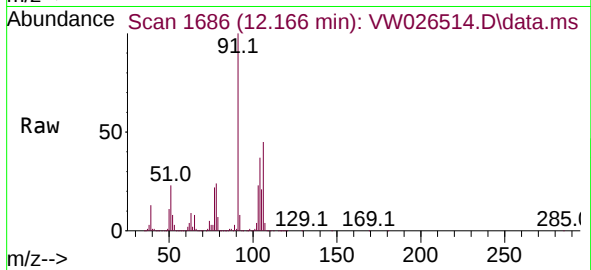




#54
o-Xylene
Concen: 48.833 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

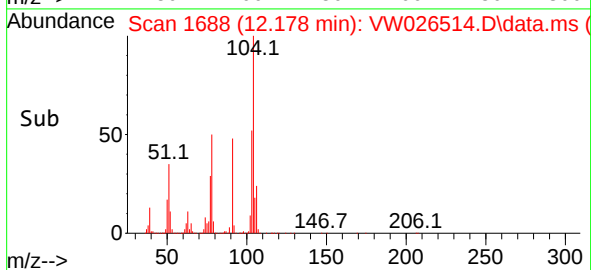
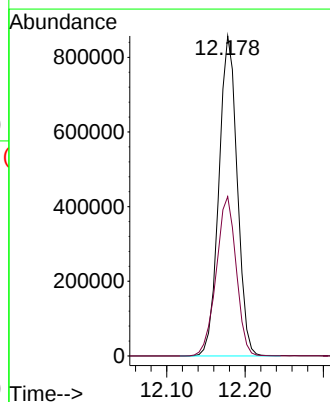
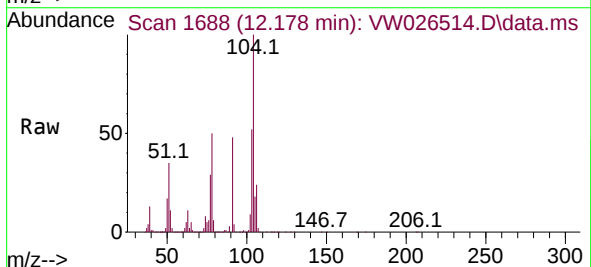
Instrument :
MSVOA_W
ClientSampleId :
VSTD050401

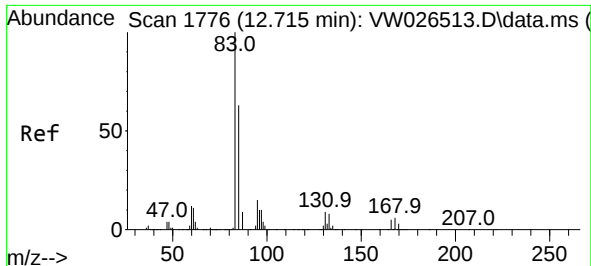
Tgt Ion:106 Resp: 818207
Ion Ratio Lower Upper
106 100
91 221.3 151.8 282.0



#55
Styrene
Concen: 48.929 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Tgt Ion:104 Resp: 1396213
Ion Ratio Lower Upper
104 100
78 49.8 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 48.060 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026514.D

Acq: 03 Jul 2023 17:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD050401

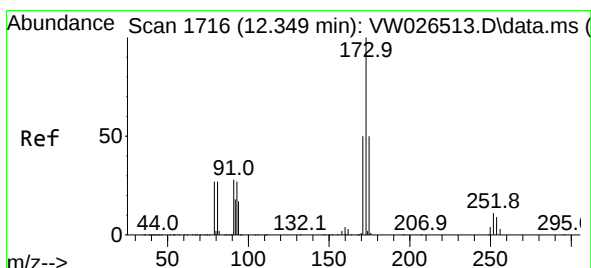
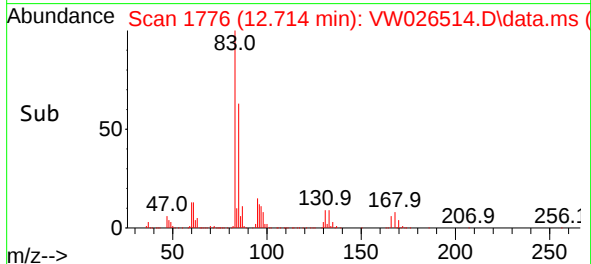
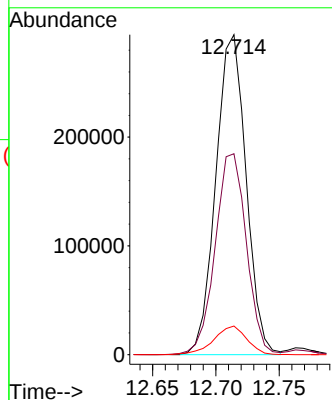
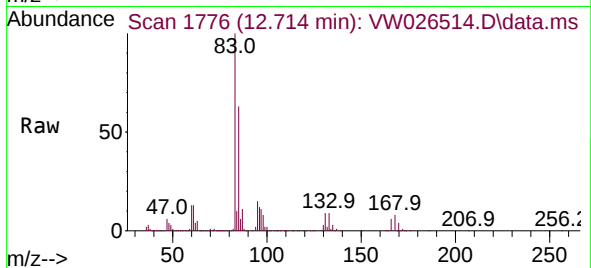
Tgt Ion: 83 Resp: 489251

Ion Ratio Lower Upper

83 100

85 62.8 44.4 82.5

131 9.0 7.2 10.8



#59

Bromoform

Concen: 49.346 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026514.D

Acq: 03 Jul 2023 17:31

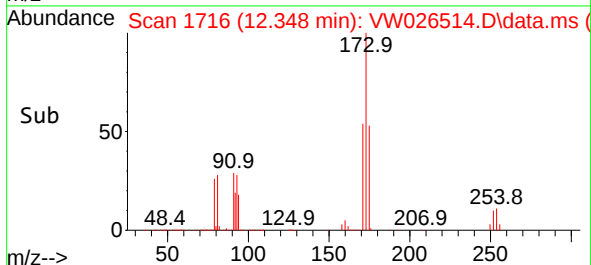
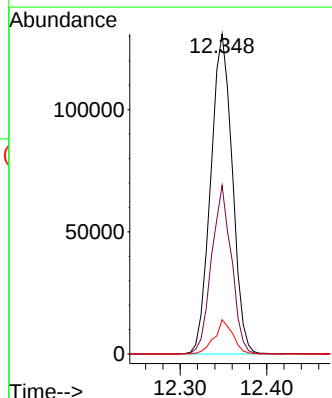
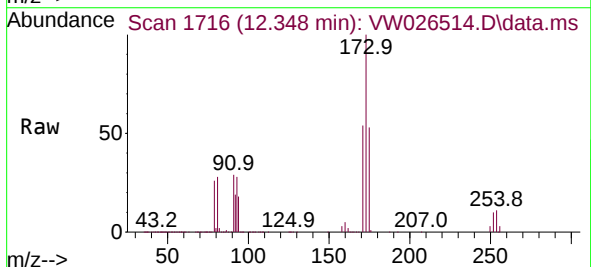
Tgt Ion:173 Resp: 227299

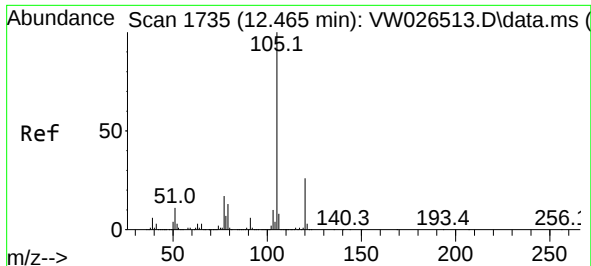
Ion Ratio Lower Upper

173 100

175 48.5 39.0 58.4

254 9.1 7.0 10.6

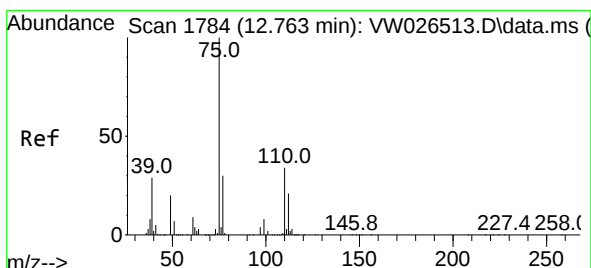
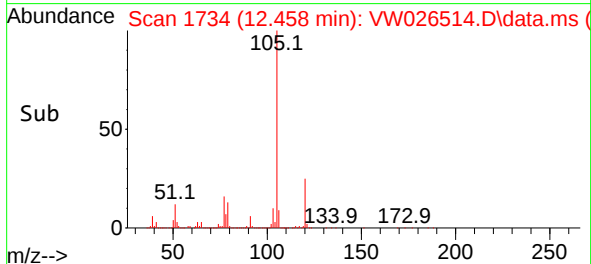
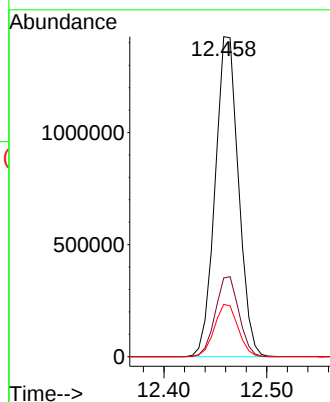
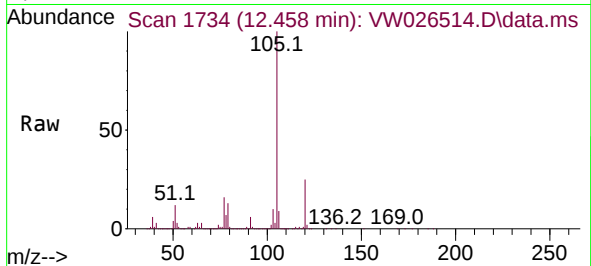




#60
Isopropylbenzene
Concen: 49.117 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

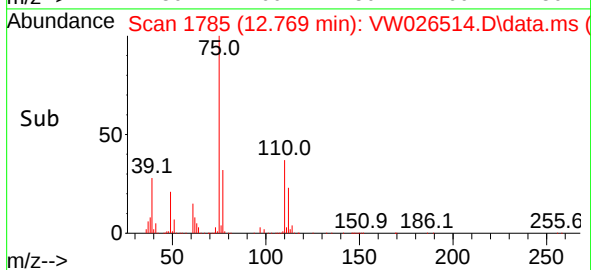
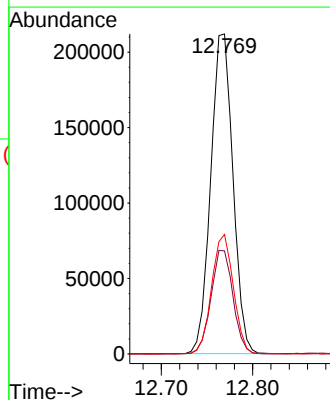
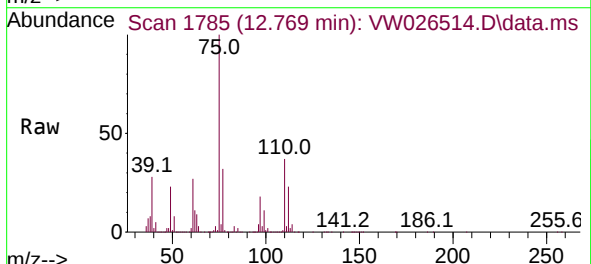
Instrument :
MSVOA_W
ClientSampleId :
VSTD050401

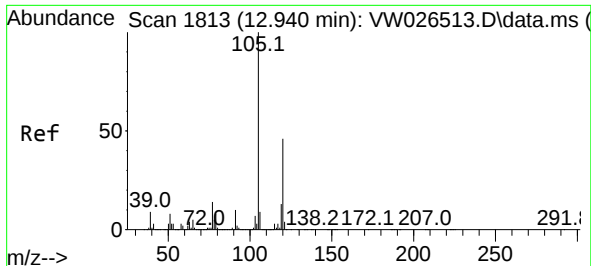
Tgt Ion:105 Resp: 2252059
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5
77 16.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 46.813 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Tgt Ion: 75 Resp: 357429
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7
110 36.6 28.3 42.5





#62

1,3,5-Trimethylbenzene

Concen: 49.397 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026514.D

Acq: 03 Jul 2023 17:31

Instrument :

MSVOA_W

ClientSampleId :

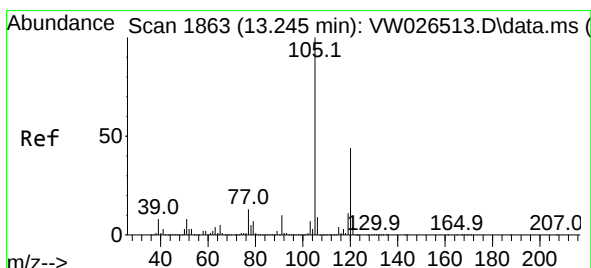
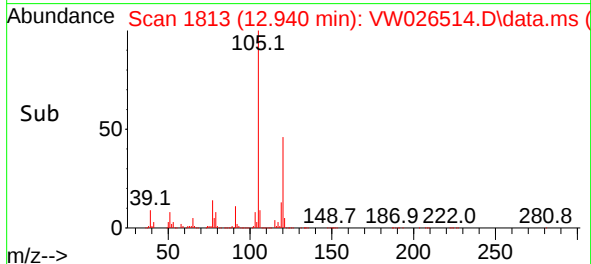
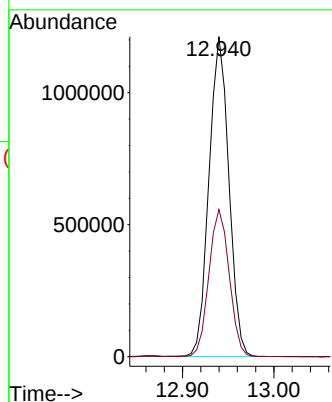
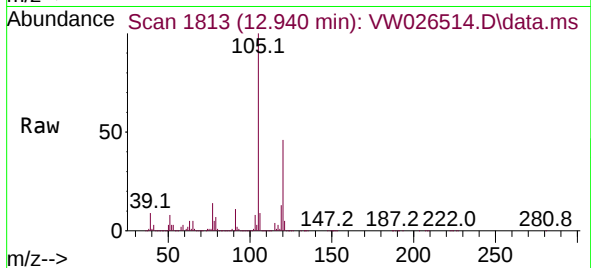
VSTD050401

Tgt Ion:105 Resp: 1828532

Ion Ratio Lower Upper

105 100

120 47.0 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 51.390 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW026514.D

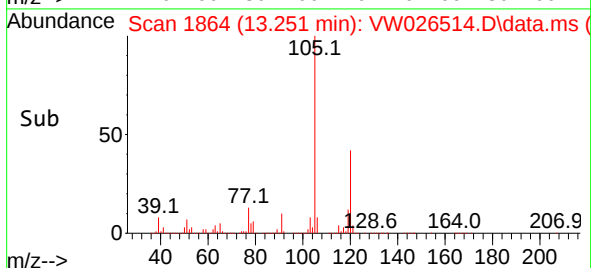
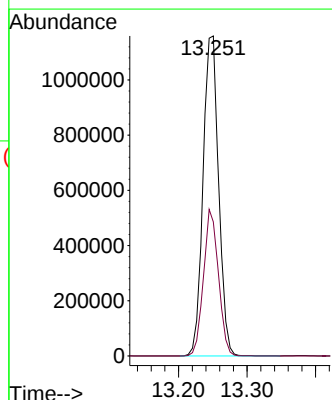
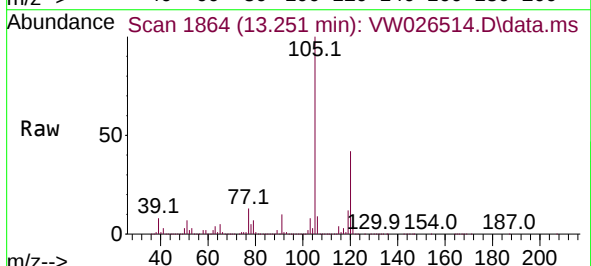
Acq: 03 Jul 2023 17:31

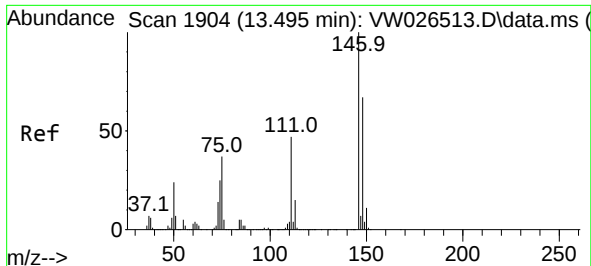
Tgt Ion:105 Resp: 1834356

Ion Ratio Lower Upper

105 100

120 43.9 35.5 53.3

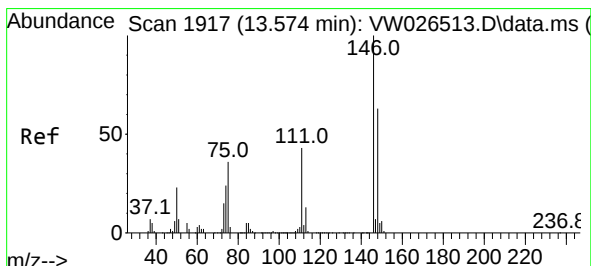
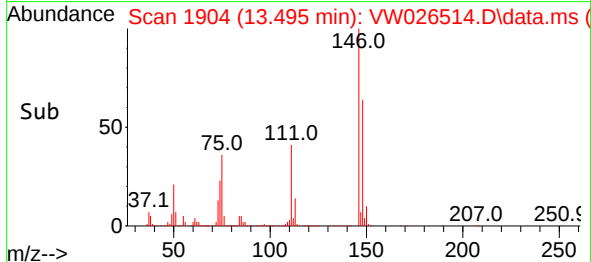
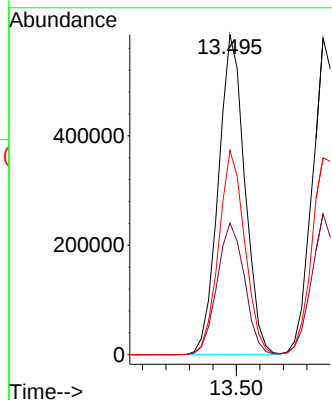
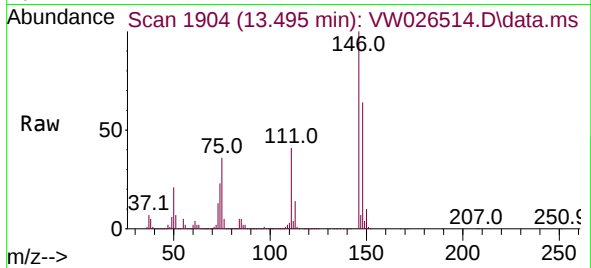




#64
1,3-Dichlorobenzene
Concen: 47.645 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

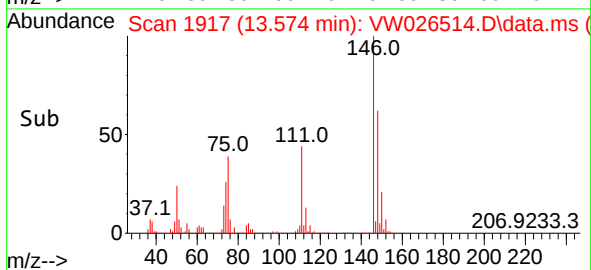
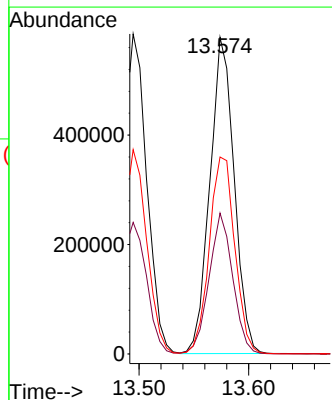
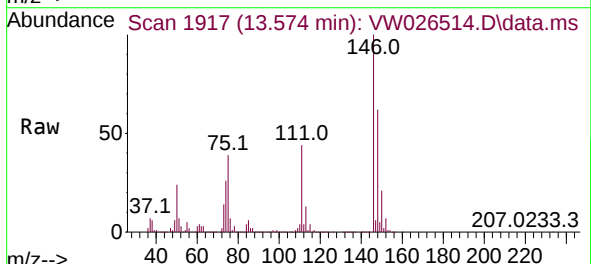
Instrument :
MSVOA_W
ClientSampleId :
VSTD050401

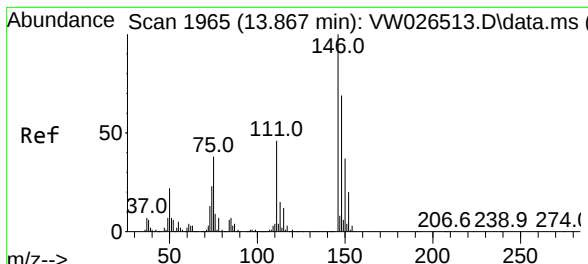
Tgt Ion:146 Resp: 915063
Ion Ratio Lower Upper
146 100
111 41.1 32.7 60.7
148 63.8 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 46.196 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026514.D
Acq: 03 Jul 2023 17:31

Tgt Ion:146 Resp: 891334
Ion Ratio Lower Upper
146 100
111 44.5 30.2 56.0
148 62.2 44.0 81.6



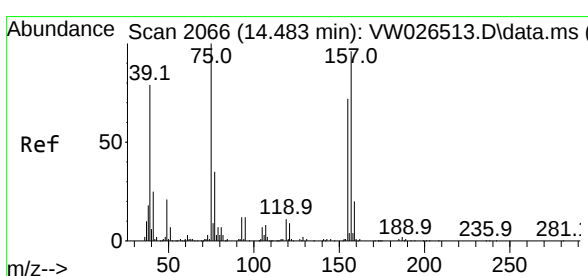
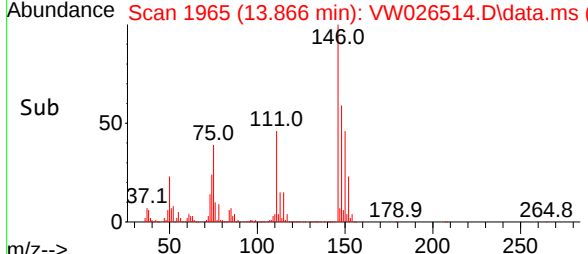
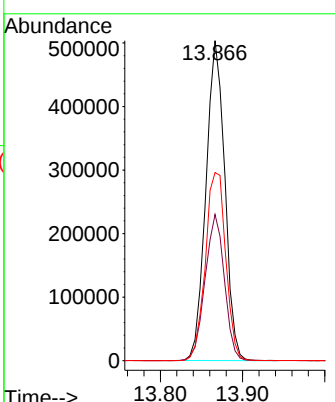
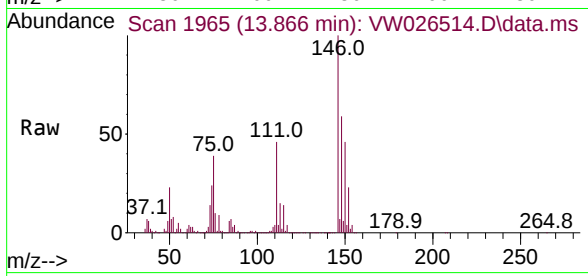


#67
 1,2-Dichlorobenzene
 Concen: 46.616 ug/L
 RT: 13.866 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VW026514.D
 Acq: 03 Jul 2023 17:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050401

Tgt Ion:146 Resp: 801097

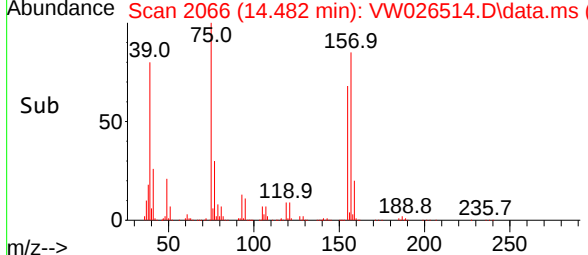
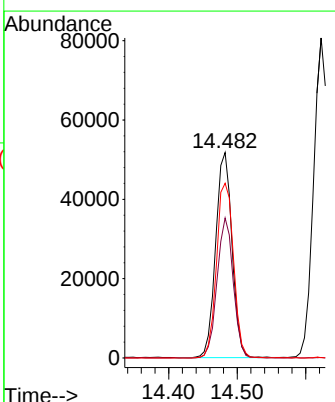
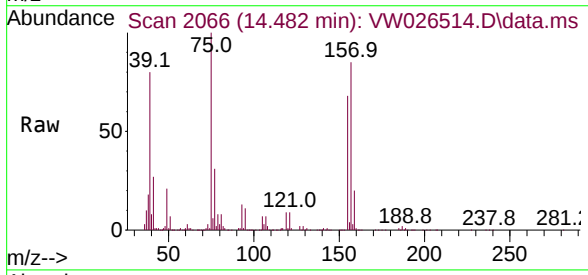
Ion	Ratio	Lower	Upper
146	100		
111	45.7	36.6	55.0
148	58.8	55.1	82.7

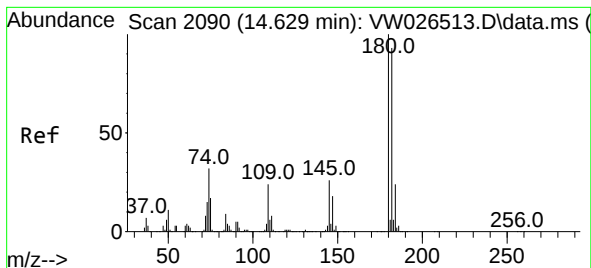


#68
 1,2-Dibromo-3-chloropropane
 Concen: 46.803 ug/L
 RT: 14.482 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VW026514.D
 Acq: 03 Jul 2023 17:31

Tgt Ion: 75 Resp: 85503

Ion	Ratio	Lower	Upper
75	100		
155	68.1	57.3	85.9
157	85.0	76.9	115.3





#69

1,3,5-Trichlorobenzene

Concen: 46.128 ug/L

RT: 14.622 min Scan# 2090

Delta R.T. -0.006 min

Lab File: VW026514.D

Acq: 03 Jul 2023 17:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD050401

Tgt Ion:180 Resp: 586314

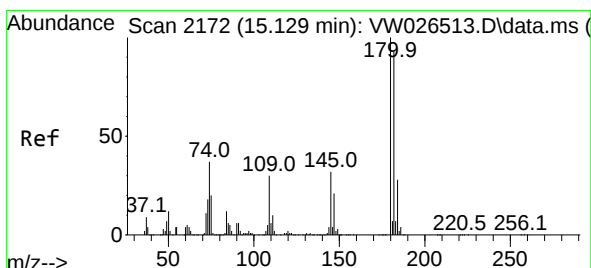
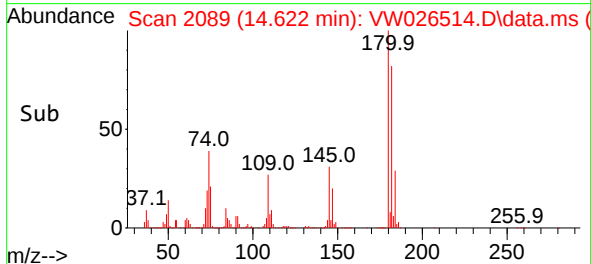
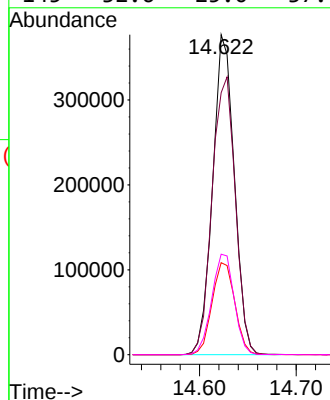
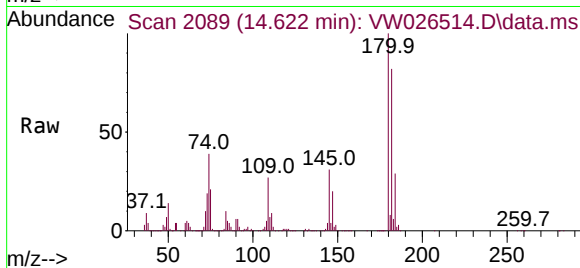
Ion Ratio Lower Upper

180 100

182 93.3 75.5 113.3

184 30.3 23.8 35.8

145 32.6 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 49.574 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026514.D

Acq: 03 Jul 2023 17:31

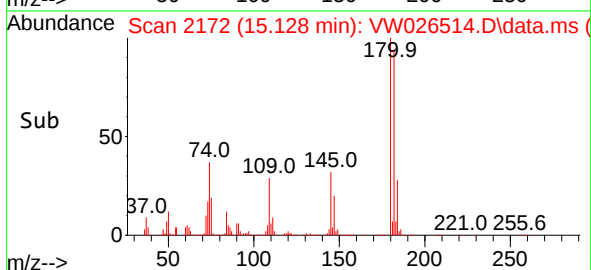
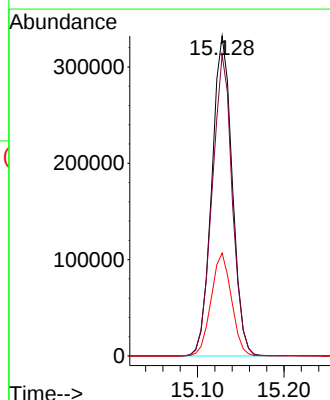
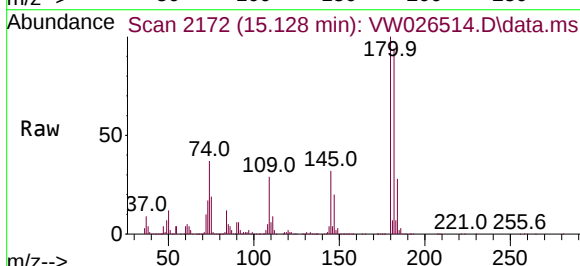
Tgt Ion:180 Resp: 543100

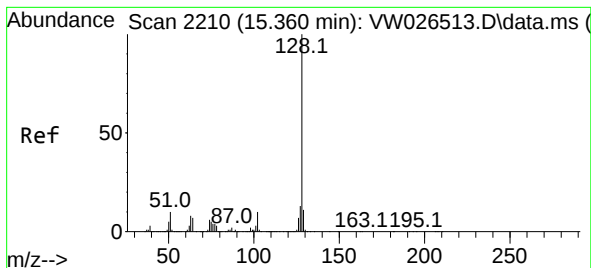
Ion Ratio Lower Upper

180 100

182 92.8 74.5 111.7

145 32.1 25.9 38.9





#71

Naphthalene

Concen: 51.743 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026514.D

Acq: 03 Jul 2023 17:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD050401

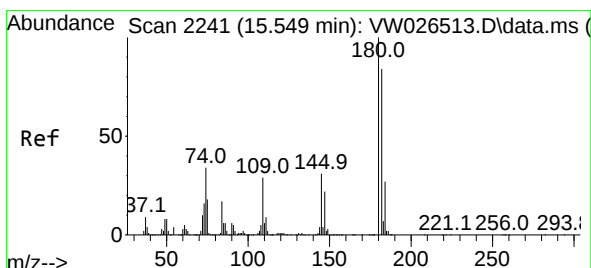
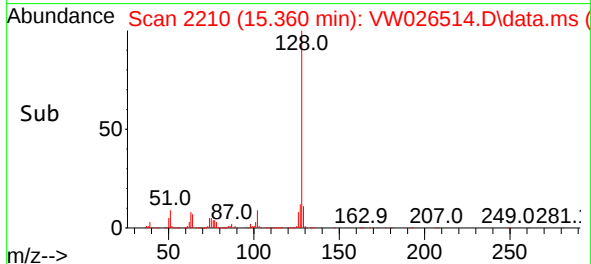
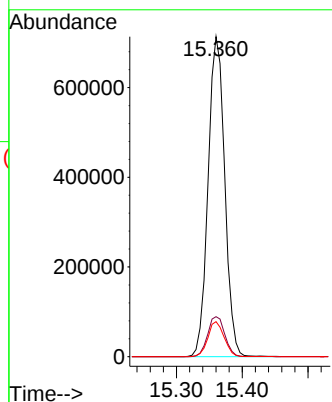
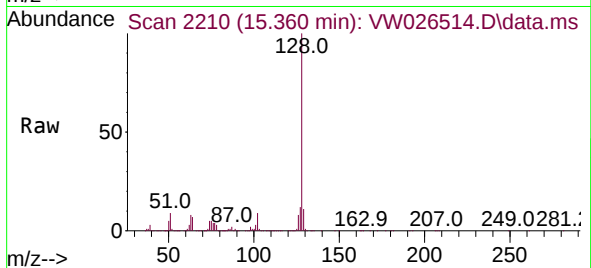
Tgt Ion:128 Resp: 1258096

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 46.820 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026514.D

Acq: 03 Jul 2023 17:31

Tgt Ion:180 Resp: 457433

Ion Ratio Lower Upper

180 100

182 96.2 75.3 112.9

145 34.6 29.0 43.6

