

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060923\
 Data File : VW026156.D
 Acq On : 09 Jun 2023 08:41
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025513

Quant Time: Jun 09 22:50:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 09 01:33:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	823715	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	724743	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	351164	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	273567	23.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.440%
7) Chloroethane-d5	2.899	69	231245	26.658	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.640%
11) 1,1-Dichloroethene-d2	4.021	65	137717	24.102	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.400%
21) 2-Butanone-d5	7.075	46	151107	44.790	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.580%
24) Chloroform-d	7.648	84	552153	22.891	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.560%
26) 1,2-Dichloroethane-d4	8.300	65	299604	22.715	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.840%
32) Benzene-d6	8.270	84	1085874	22.267	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.080%
36) 1,2-Dichloropropane-d6	9.270	67	341140	22.081	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.320%
41) Toluene-d8	10.324	98	971189	22.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.840%
43) trans-1,3-Dichloroprop...	10.574	79	129652	21.177	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.720%
47) 2-Hexanone-d5	10.922	63	105173	43.172	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	240784	21.417	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	289487	21.538	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	227455	22.525	ug/L	94
3) Chloromethane	2.222	50	308941	23.861	ug/L	97
5) Vinyl chloride	2.375	62	350641	25.336	ug/L	98
6) Bromomethane	2.789	94	187859	24.899	ug/L	96
8) Chloroethane	2.935	64	203219	27.173	ug/L	97
9) Trichlorofluoromethane	3.265	101	230642	25.904	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	274911	24.469	ug/L	96
12) 1,1-Dichloroethene	4.039	96	256303	24.439	ug/L	97
13) Acetone	4.118	43	143454	54.954	ug/L	100
14) Carbon disulfide	4.386	76	821914	22.200	ug/L	100
15) Methyl Acetate	4.667	43	120727	20.606	ug/L	100
16) Methylene chloride	4.923	84	264916	20.150	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	263609	22.403	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	392131	21.144	ug/L	98
19) 1,1-Dichloroethane	6.215	63	542617	22.651	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	286089	22.953	ug/L	97
22) 2-Butanone	7.166	43	182795	49.089	ug/L	98
23) Bromochloromethane	7.514	128	113063	21.270	ug/L	94
25) Chloroform	7.672	83	502901	22.539	ug/L	100

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 Response via : Initial Calibration

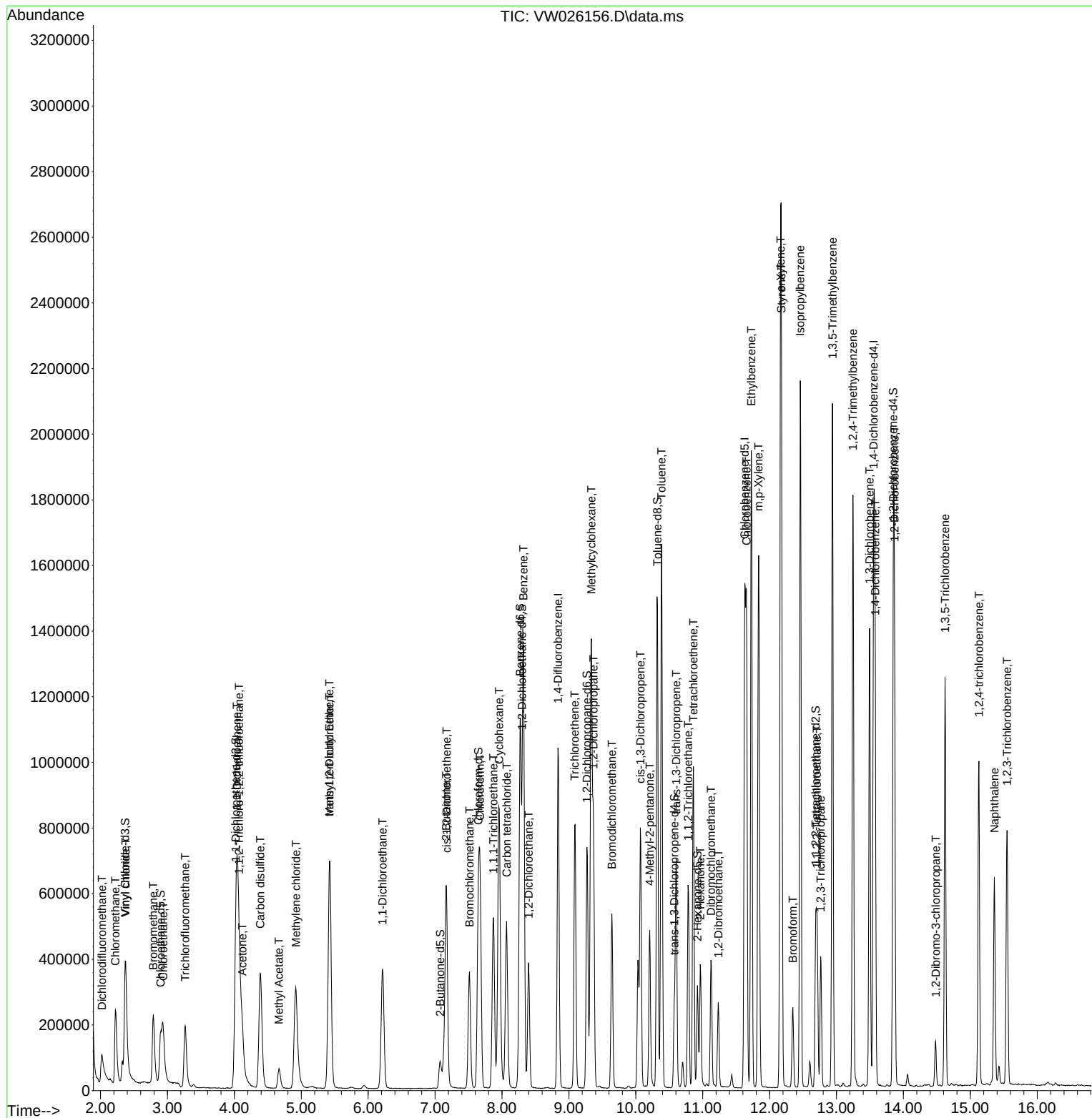
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	345422	22.447	ug/L	96
29) Cyclohexane	7.959	56	524959	23.462	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	423183	24.061	ug/L	99
31) Carbon tetrachloride	8.069	117	377644	23.530	ug/L	98
33) Benzene	8.319	78	1120087	22.561	ug/L	100
34) Trichloroethene	9.087	95	292217	22.986	ug/L	92
35) Methylcyclohexane	9.337	83	532837	23.687	ug/L	99
37) 1,2-Dichloropropane	9.367	63	295698	21.989	ug/L	99
38) Bromodichloromethane	9.642	83	352536	22.566	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	448563	22.699	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	340745	42.980	ug/L	99
42) Toluene	10.385	91	1161710	22.877	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	364279	22.127	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	187895	21.201	ug/L	98
46) Tetrachloroethene	10.861	164	201612	22.421	ug/L	96
48) 2-Hexanone	10.964	43	251446	44.981	ug/L	100
49) Dibromochloromethane	11.123	129	198570	21.370	ug/L	97
50) 1,2-Dibromoethane	11.233	107	171303	20.875	ug/L	97
51) Chlorobenzene	11.653	112	699311	21.977	ug/L	98
52) Ethylbenzene	11.727	91	1327807	23.180	ug/L	99
53) m,p-Xylene	11.836	106	495163	23.236	ug/L	94
54) o-Xylene	12.165	106	459173	22.829	ug/L	93
55) Styrene	12.178	104	781697	22.654	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	222159	20.713	ug/L	97
59) Bromoform	12.348	173	102670	19.466	ug/L	97
60) Isopropylbenzene	12.458	105	1299282	23.553	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	163938	20.841	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1076004	24.536	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	953659	23.743	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	514113	22.165	ug/L	97
65) 1,4-Dichlorobenzene	13.580	146	505452	21.645	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	459910	22.081	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	36296	19.916	ug/L	96
69) 1,3,5-Trichlorobenzene	14.622	180	340478	21.369	ug/L	95
70) 1,2,4-trichlorobenzene	15.128	180	279049	21.225	ug/L	96
71) Naphthalene	15.360	128	492617	21.023	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	244269	21.259	ug/L	97

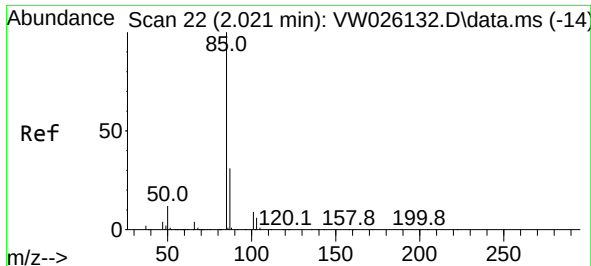
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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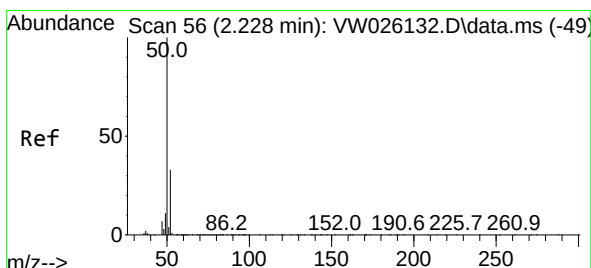
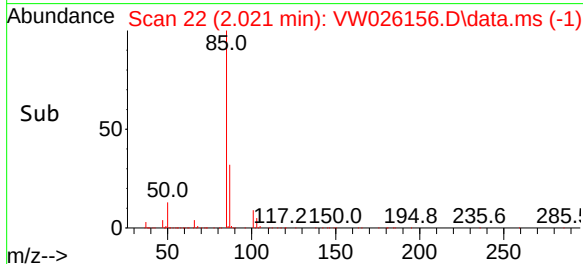
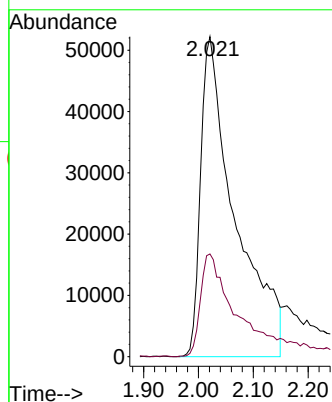
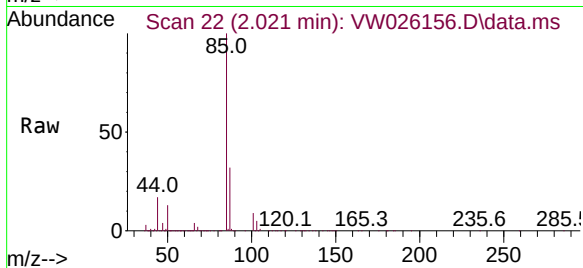




#2
 Dichlorodifluoromethane
 Concen: 22.525 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026156.D
 Acq: 09 Jun 2023 08:41

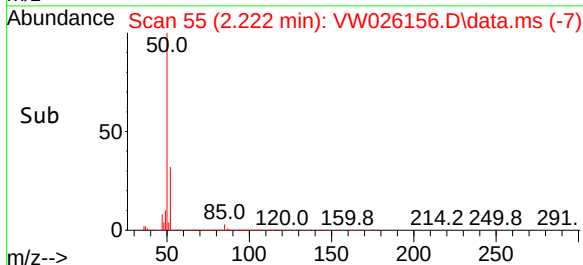
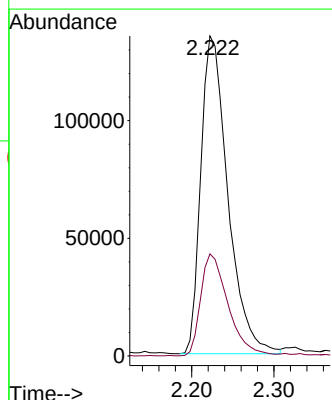
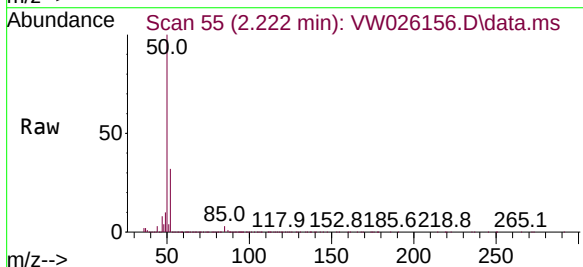
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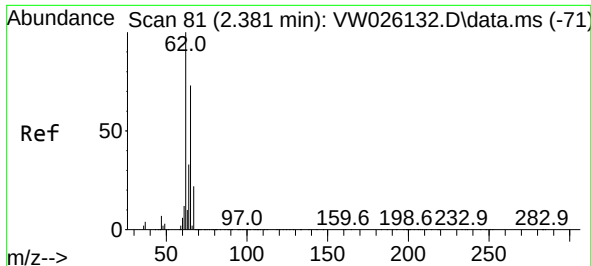
Tgt Ion: 85 Resp: 227455
 Ion Ratio Lower Upper
 85 100
 87 30.7 22.2 33.2



#3
 Chloromethane
 Concen: 23.861 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026156.D
 Acq: 09 Jun 2023 08:41

Tgt Ion: 50 Resp: 308941
 Ion Ratio Lower Upper
 50 100
 52 31.9 21.3 39.6

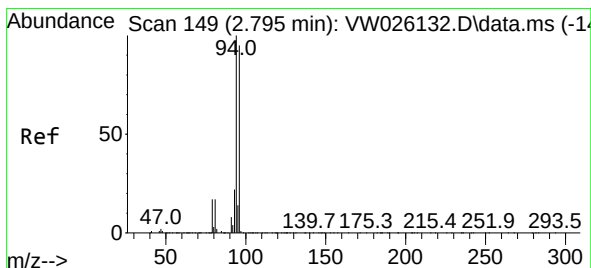
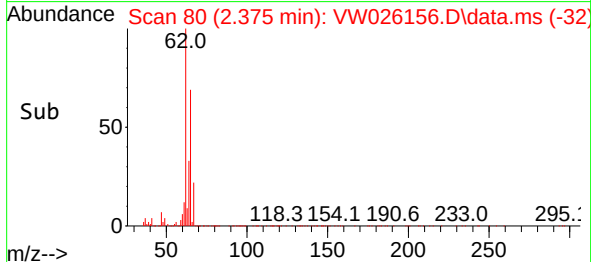
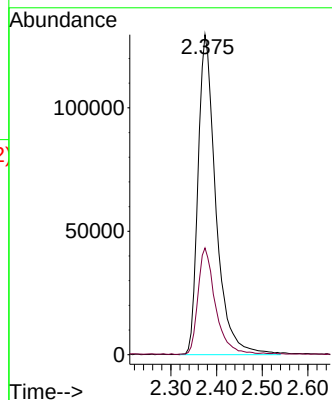
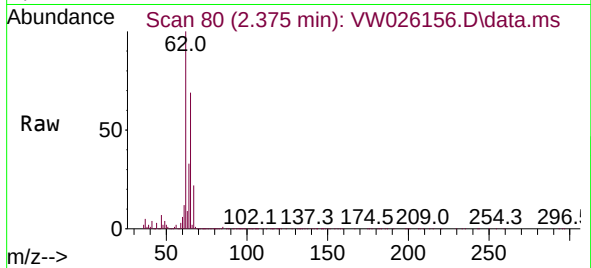




#5
Vinyl chloride
Concen: 25.336 ug/L
RT: 2.375 min Scan# 80
Delta R.T. -0.006 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

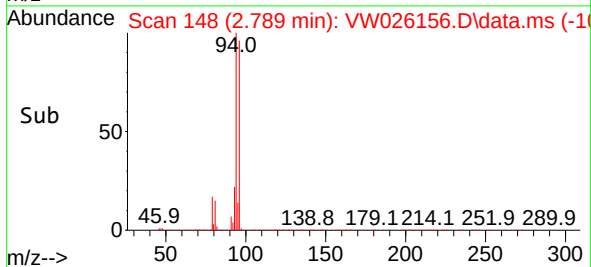
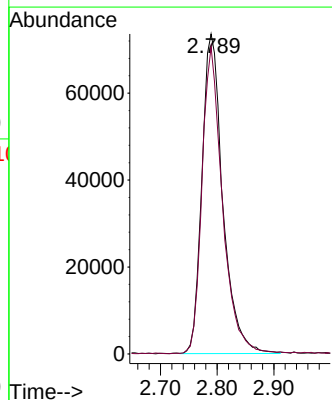
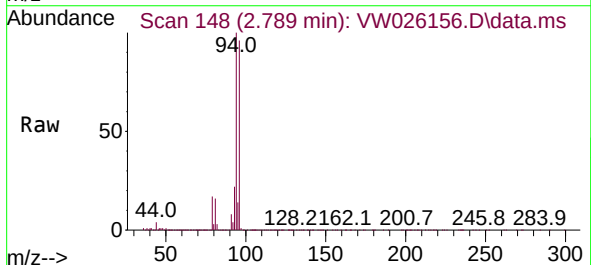
Instrument :
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ClientSampleId :
VSTD025513

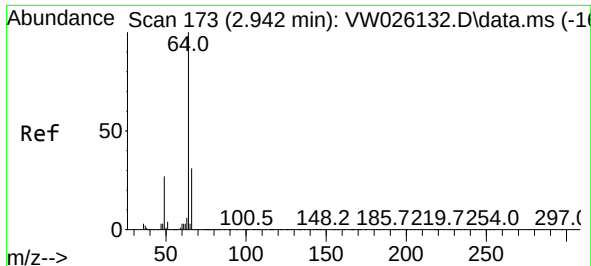
Tgt Ion: 62 Resp: 350641
Ion Ratio Lower Upper
62 100
64 33.4 22.7 42.1



#6
Bromomethane
Concen: 24.899 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.006 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion: 94 Resp: 187859
Ion Ratio Lower Upper
94 100
96 95.9 64.2 119.2

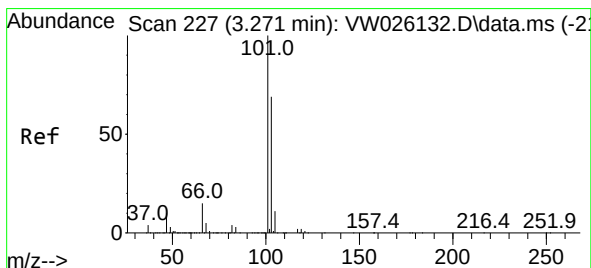
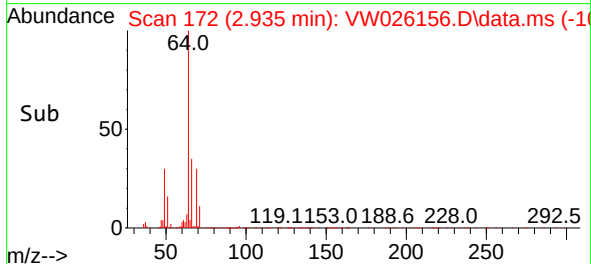
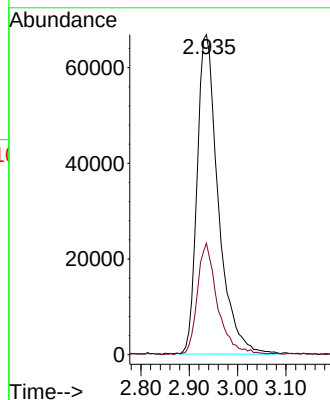
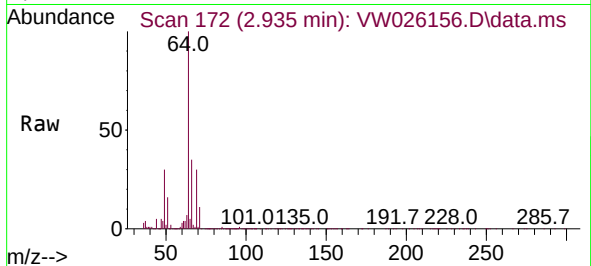




#8
Chloroethane
Concen: 27.173 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

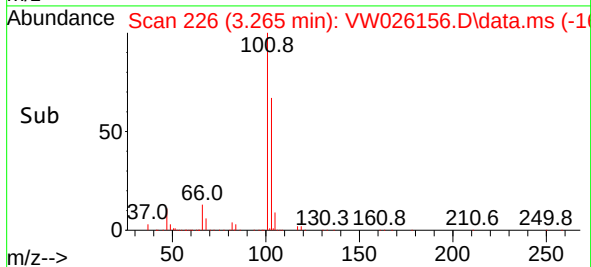
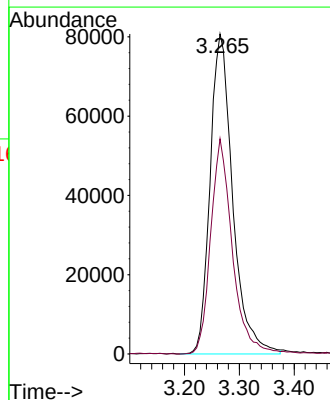
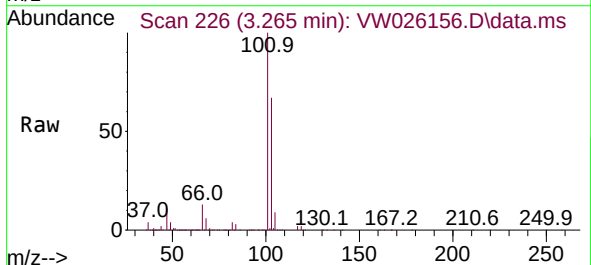
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ClientSampleId :
VSTD025513

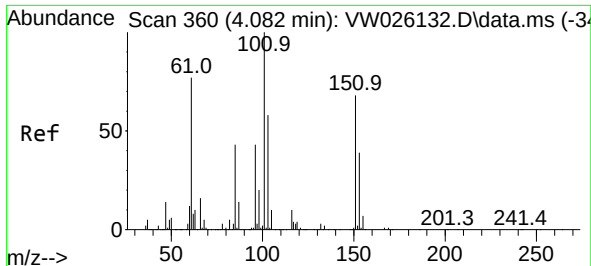
Tgt Ion: 64 Resp: 203219
Ion Ratio Lower Upper
64 100
66 34.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 25.904 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion:101 Resp: 230642
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

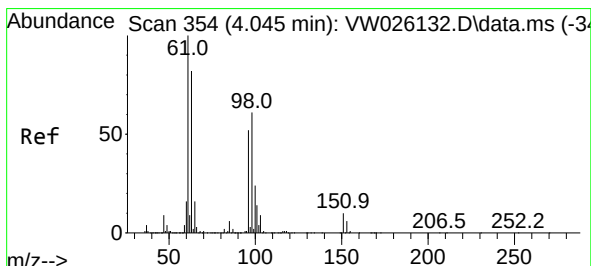
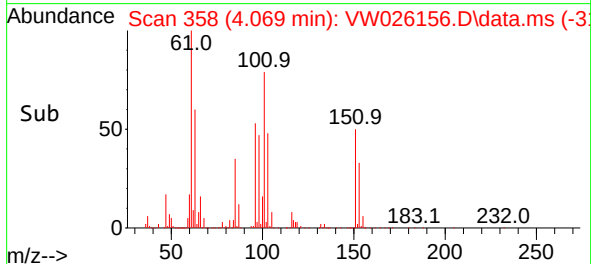
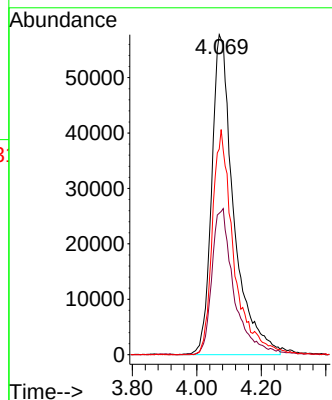
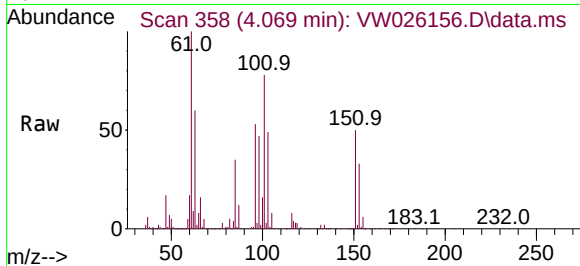




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.469 ug/L
 RT: 4.069 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW026156.D
 Acq: 09 Jun 2023 08:41

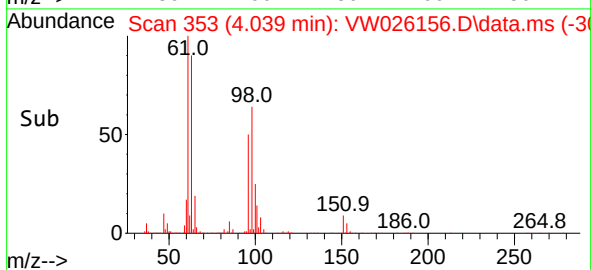
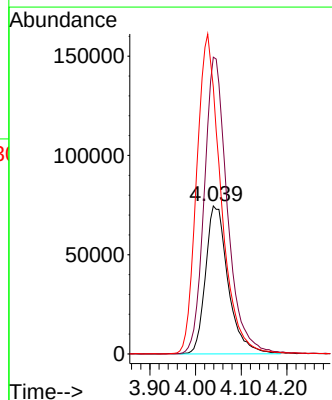
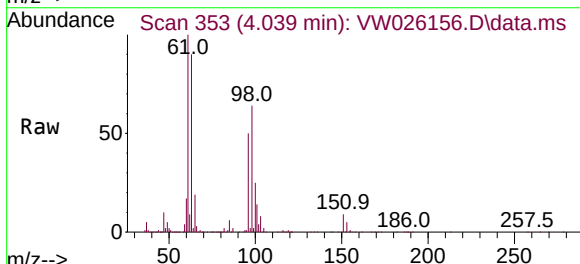
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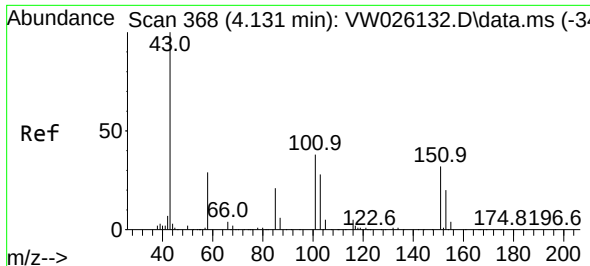
Tgt Ion:101 Resp: 274911
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.1 54.1
 151 63.6 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 24.439 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW026156.D
 Acq: 09 Jun 2023 08:41

Tgt Ion: 96 Resp: 256303
 Ion Ratio Lower Upper
 96 100
 61 200.5 140.6 261.0
 63 180.2 131.7 244.5

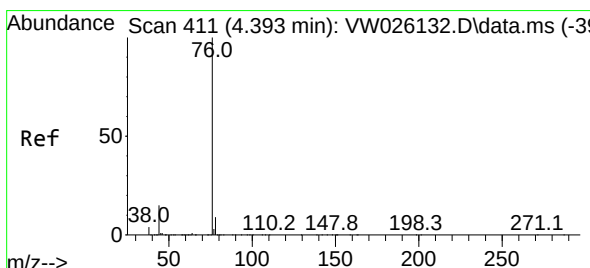
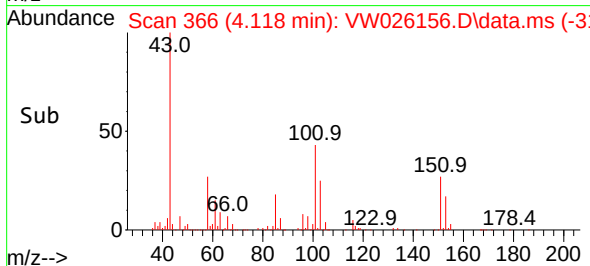
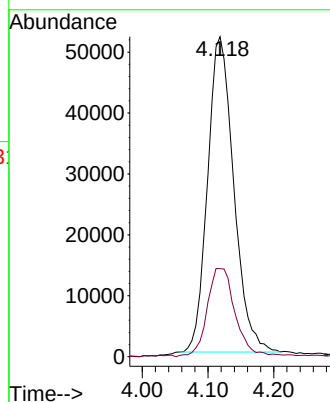
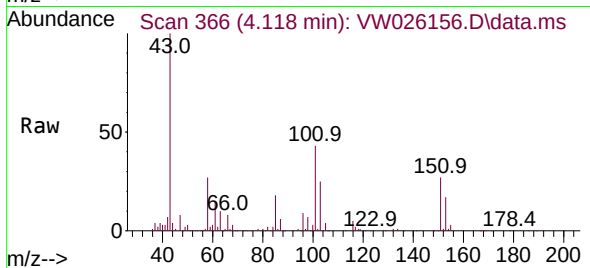




#13
Acetone
Concen: 54.954 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

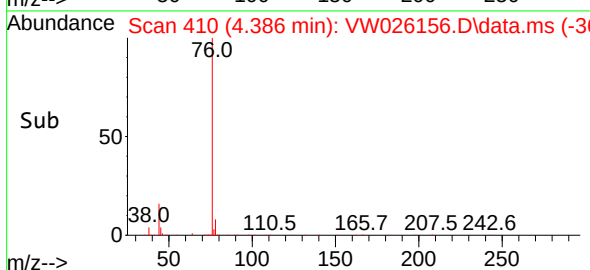
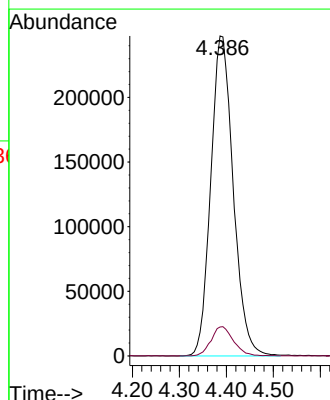
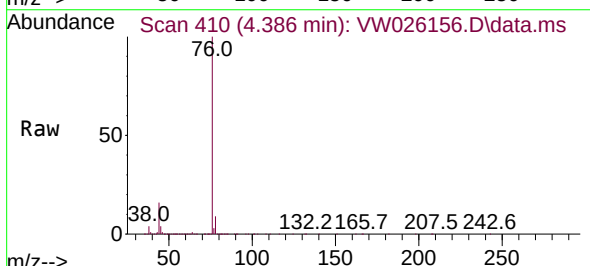
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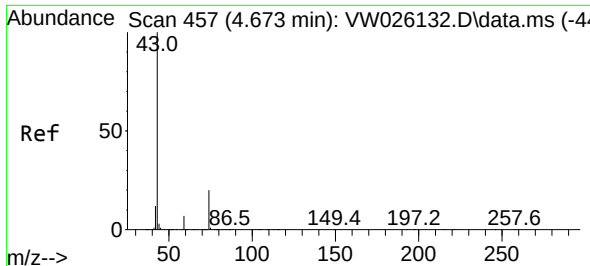
Tgt Ion: 43 Resp: 143454
Ion Ratio Lower Upper
43 100
58 29.2 0.0 58.2



#14
Carbon disulfide
Concen: 22.200 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 821914
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

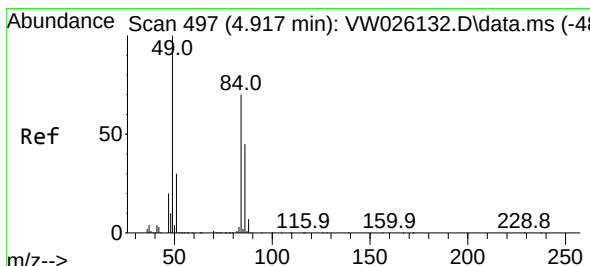
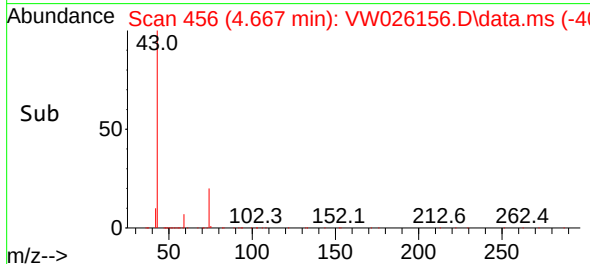
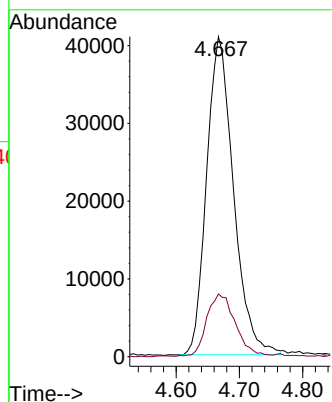
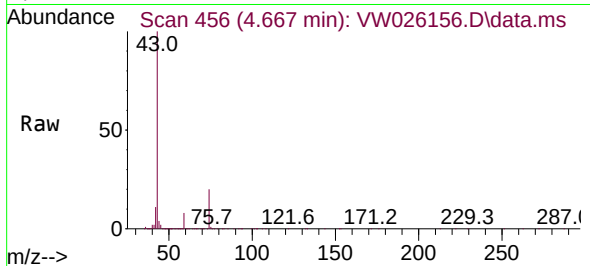




#15
Methyl Acetate
Concen: 20.606 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

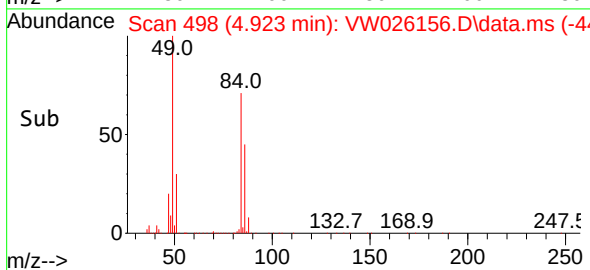
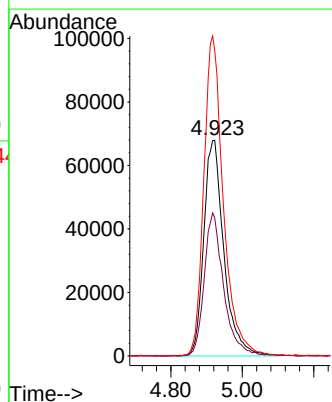
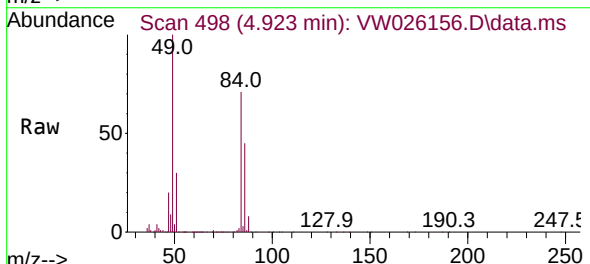
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

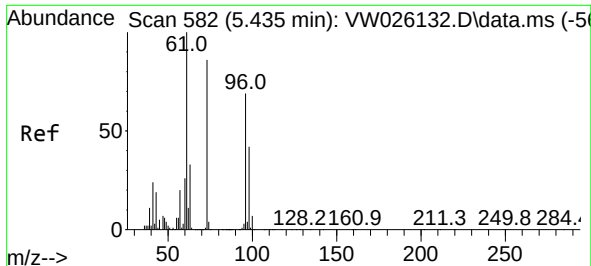
Tgt Ion: 43 Resp: 120727
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0



#16
Methylene chloride
Concen: 20.150 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion: 84 Resp: 264916
Ion Ratio Lower Upper
84 100
86 63.8 44.2 82.0
49 141.5 98.8 183.6

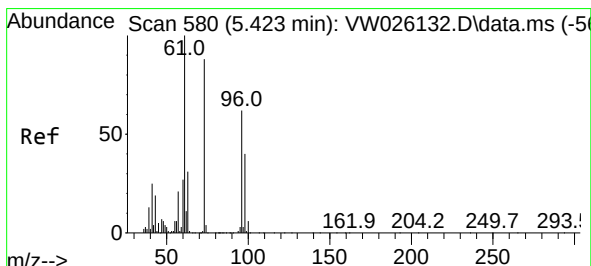
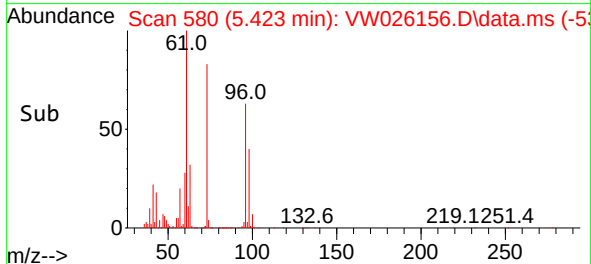
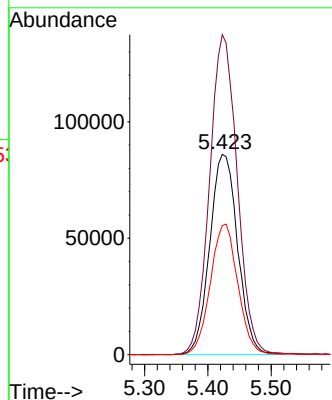
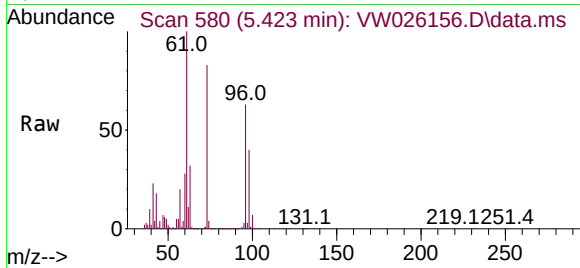




#17
trans-1,2-Dichloroethene
Concen: 22.403 ug/L
RT: 5.423 min Scan# 582
Delta R.T. -0.012 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

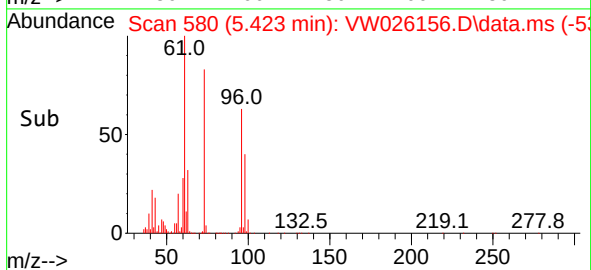
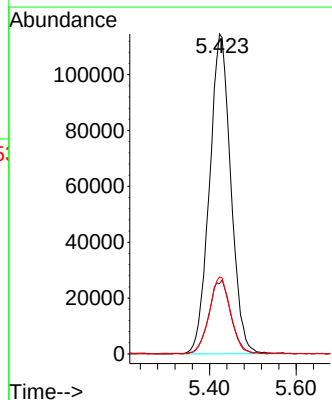
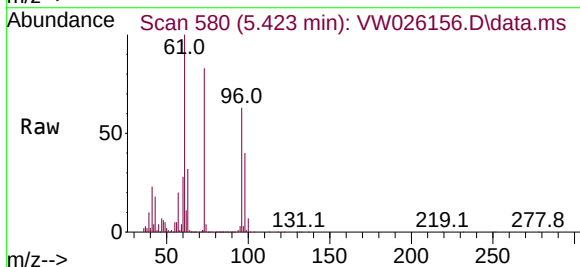
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

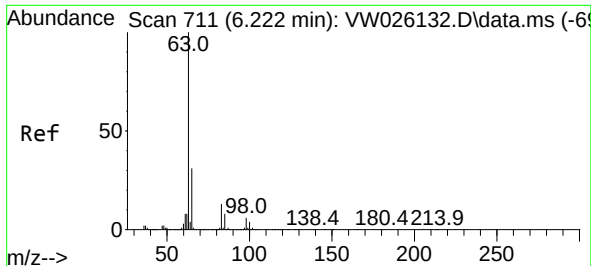
Tgt Ion: 96 Resp: 263609
Ion Ratio Lower Upper
96 100
61 159.7 113.0 209.8
98 64.4 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 21.144 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion: 73 Resp: 392131
Ion Ratio Lower Upper
73 100
43 23.7 17.8 26.6
57 23.7 18.9 28.3





#19

1,1-Dichloroethane

Concen: 22.651 ug/L

RT: 6.215 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW026156.D

Acq: 09 Jun 2023 08:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025513

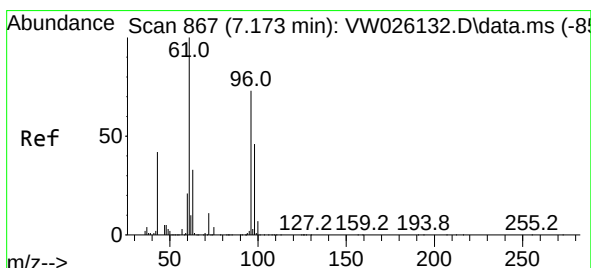
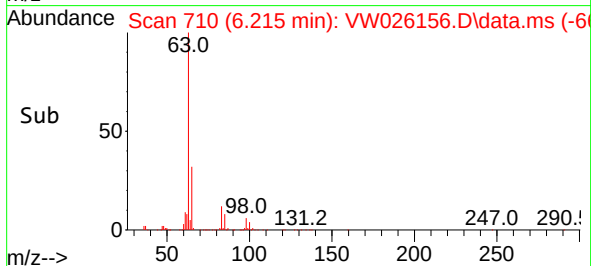
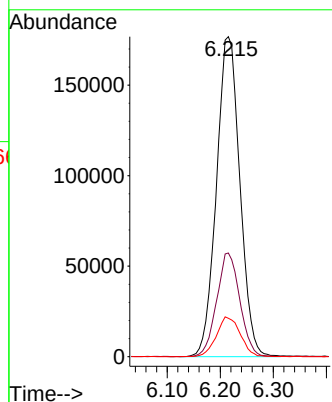
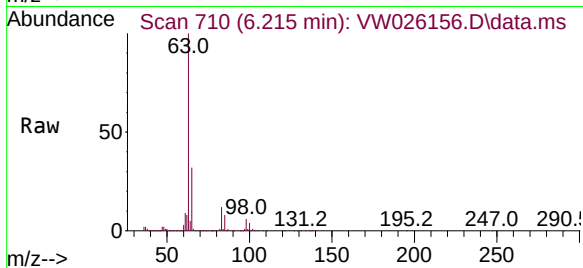
Tgt Ion: 63 Resp: 542617

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

83 12.0 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 22.953 ug/L

RT: 7.172 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW026156.D

Acq: 09 Jun 2023 08:41

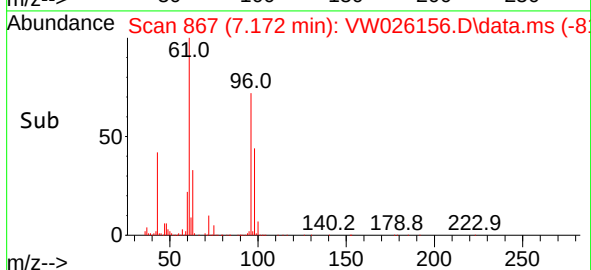
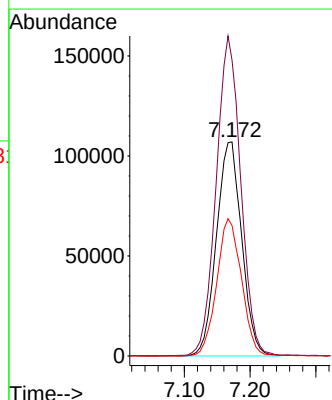
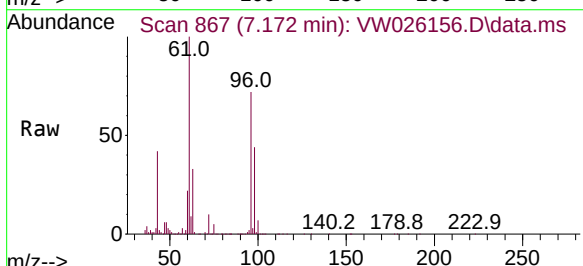
Tgt Ion: 96 Resp: 286089

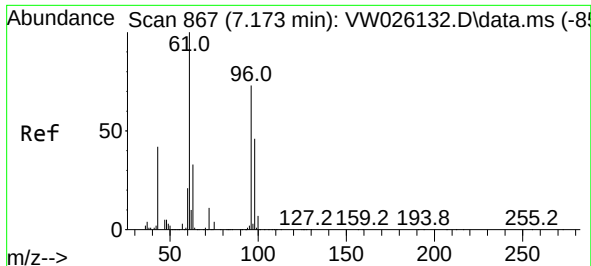
Ion Ratio Lower Upper

96 100

61 138.1 98.4 182.8

98 60.9 45.2 84.0

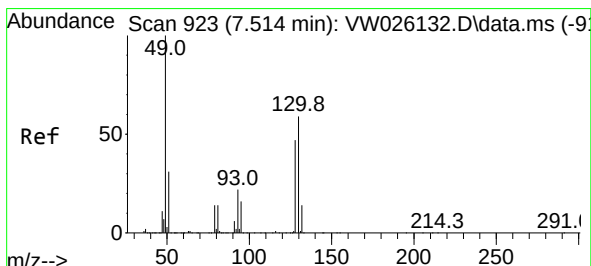
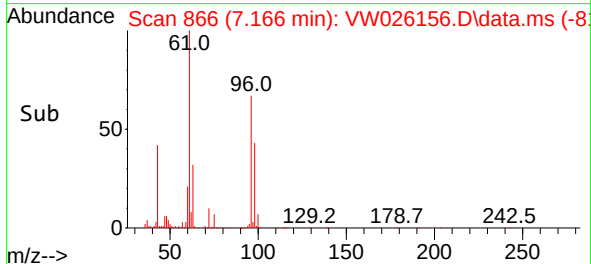
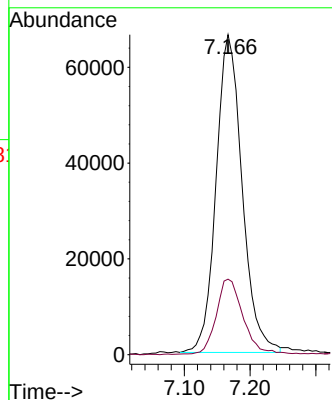
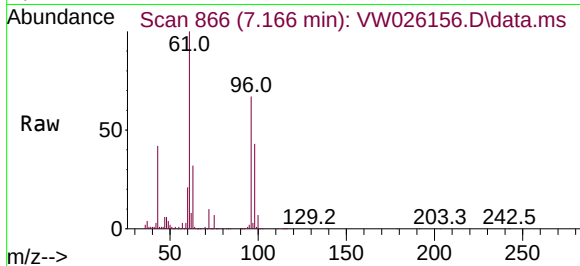




#22
2-Butanone
Concen: 49.089 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

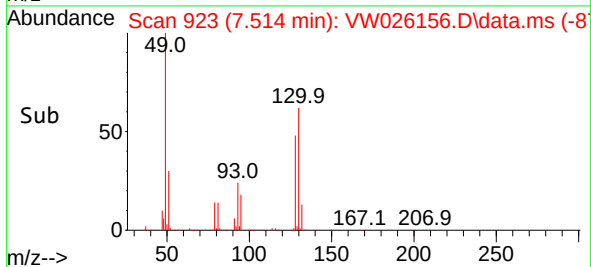
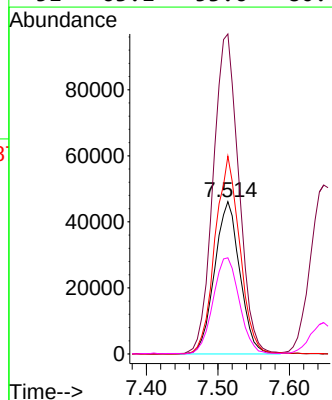
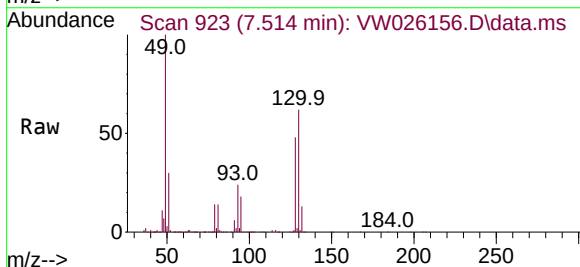
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

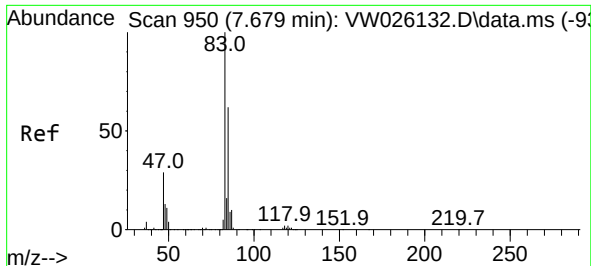
Tgt Ion: 43 Resp: 182795
Ion Ratio Lower Upper
43 100
72 23.8 12.4 37.4



#23
Bromochloromethane
Concen: 21.270 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion: 128 Resp: 113063
Ion Ratio Lower Upper
128 100
49 210.0 140.6 261.0
130 129.8 86.0 159.6
51 63.1 53.6 80.4

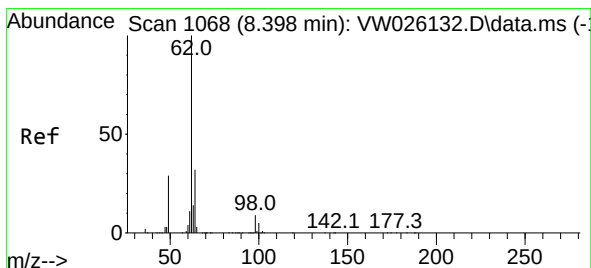
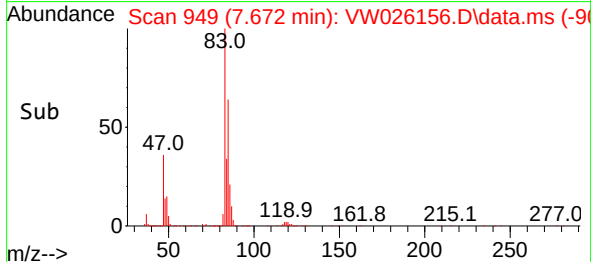
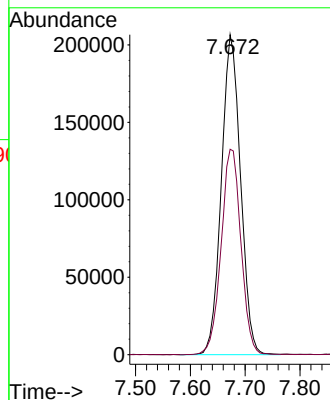
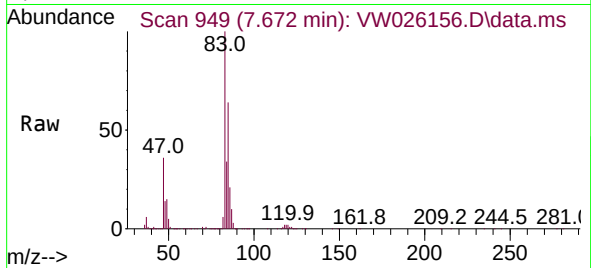




#25
Chloroform
Concen: 22.539 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

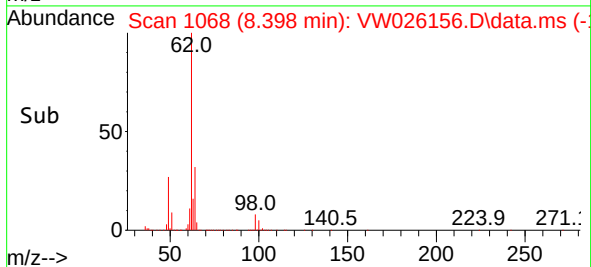
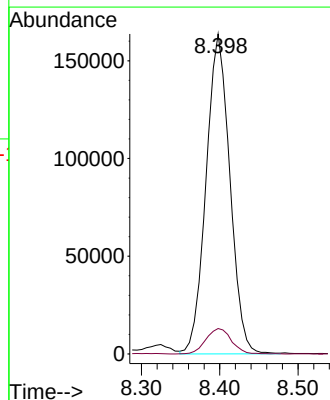
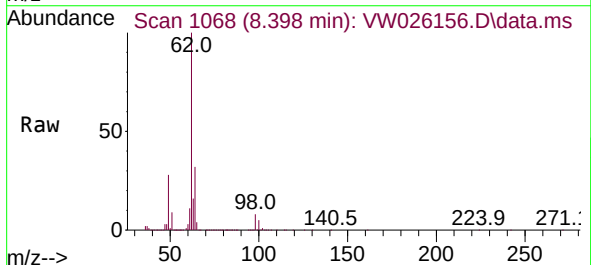
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

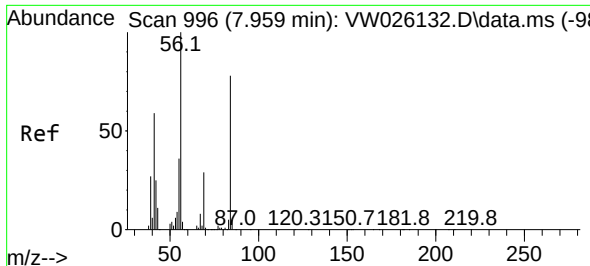
Tgt Ion: 83 Resp: 502901
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.447 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion: 62 Resp: 345422
Ion Ratio Lower Upper
62 100
98 8.0 7.4 11.2

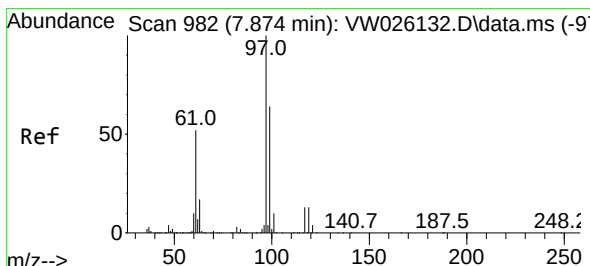
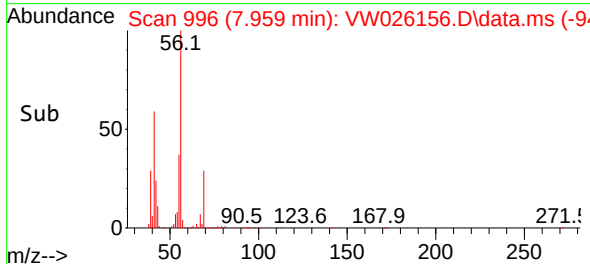
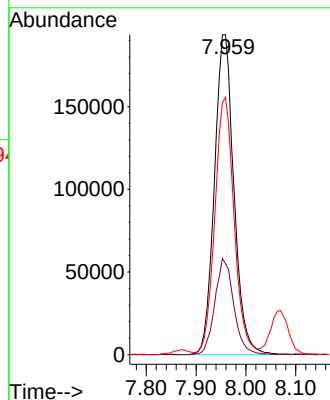
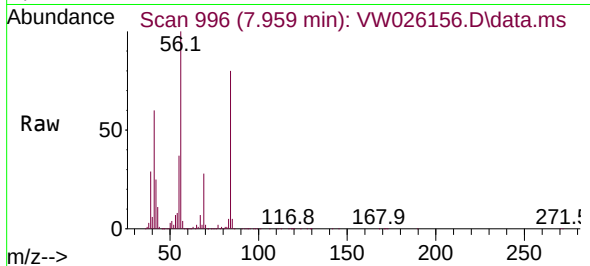




#29
Cyclohexane
Concen: 23.462 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

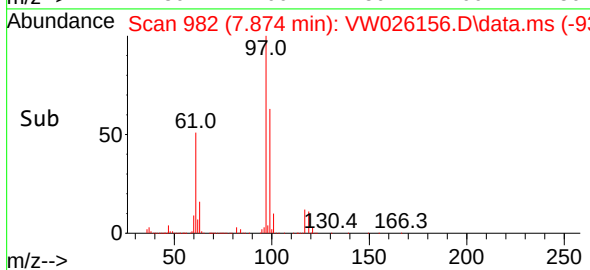
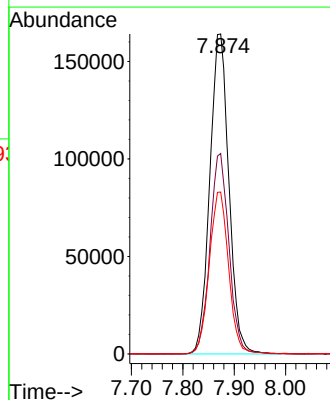
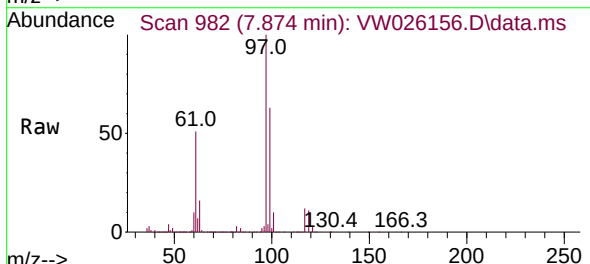
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

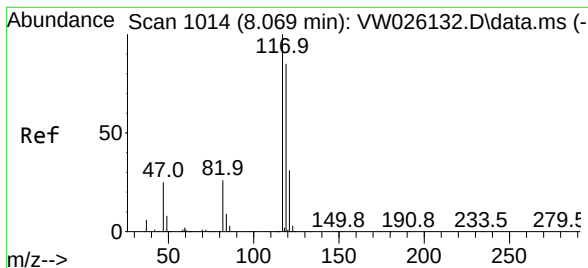
Tgt Ion: 56 Resp: 524959
Ion Ratio Lower Upper
56 100
69 29.2 23.3 34.9
84 79.8 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 24.061 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion: 97 Resp: 423183
Ion Ratio Lower Upper
97 100
99 62.4 50.6 76.0
61 51.3 40.5 60.7

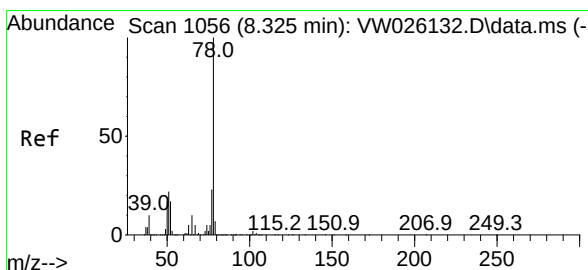
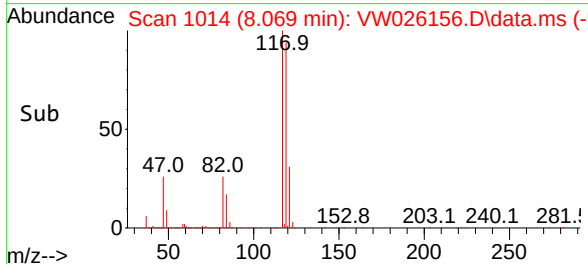
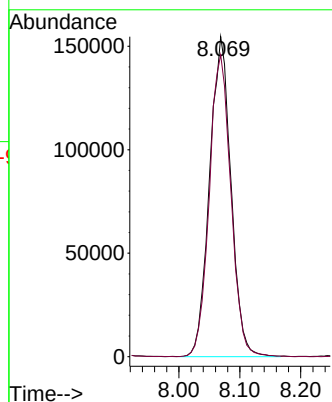
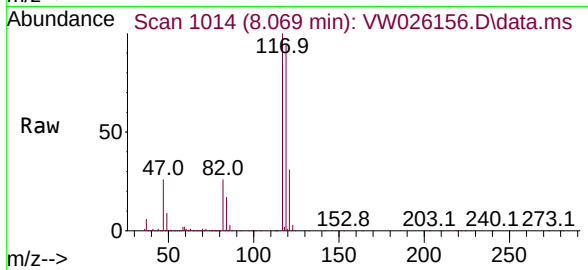




#31
Carbon tetrachloride
Concen: 23.530 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

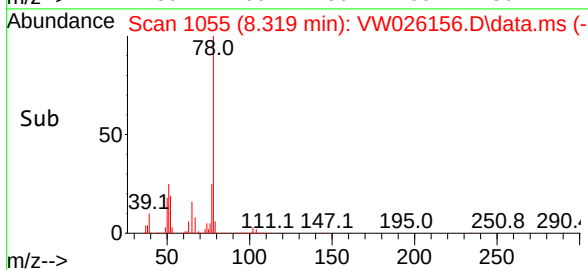
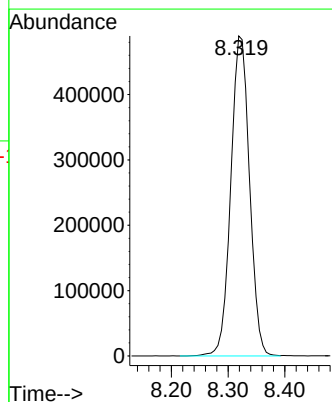
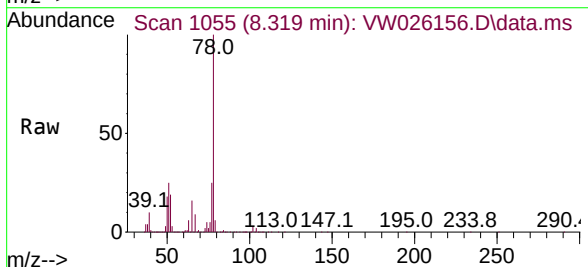
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

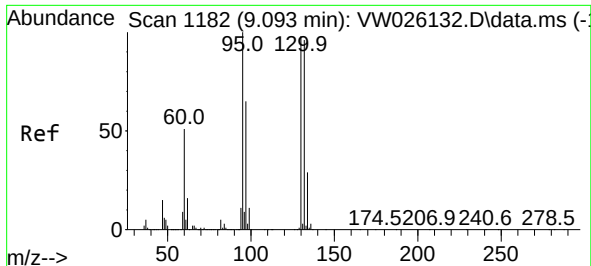
Tgt Ion:117 Resp: 377644
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.2



#33
Benzene
Concen: 22.561 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion: 78 Resp: 1120087

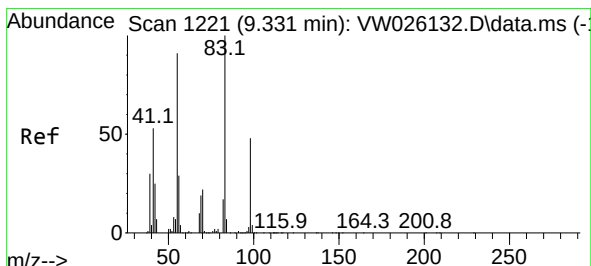
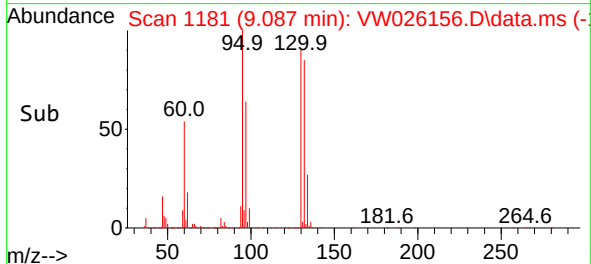
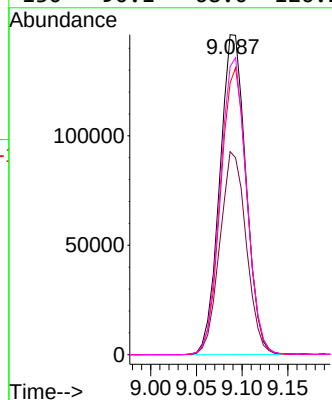
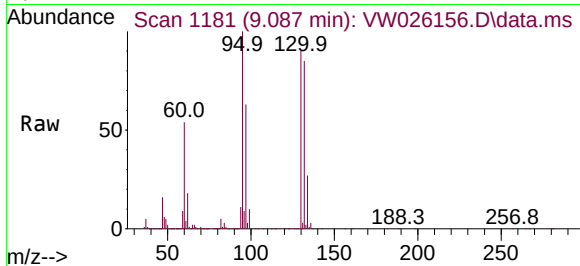




#34
Trichloroethene
Concen: 22.986 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

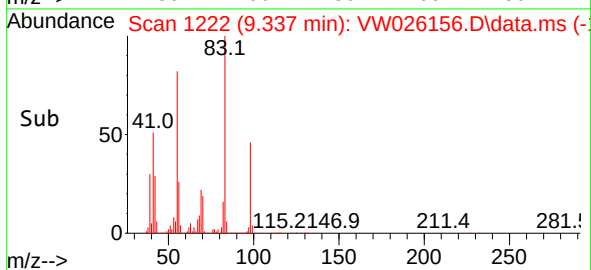
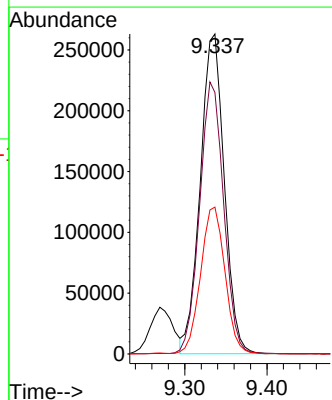
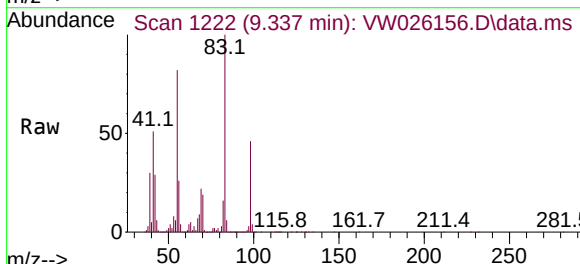
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

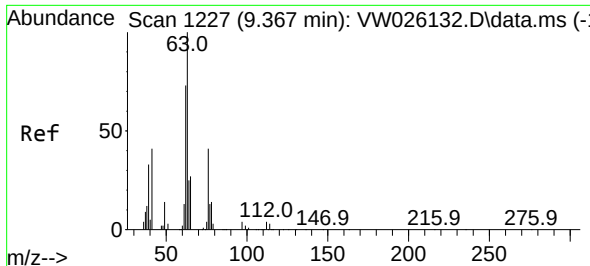
Tgt Ion: 95 Resp: 292217
Ion Ratio Lower Upper
95 100
97 63.5 45.9 85.3
132 84.9 67.1 124.7
130 90.1 68.0 126.2



#35
Methylcyclohexane
Concen: 23.687 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion: 83 Resp: 532837
Ion Ratio Lower Upper
83 100
55 85.5 68.2 102.4
98 46.8 38.1 57.1

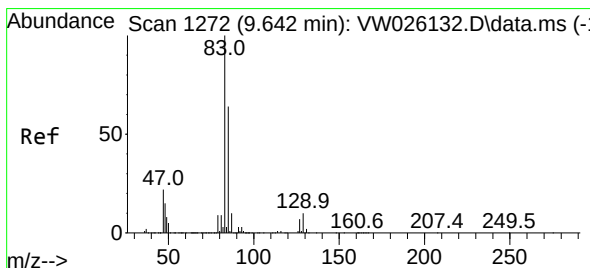
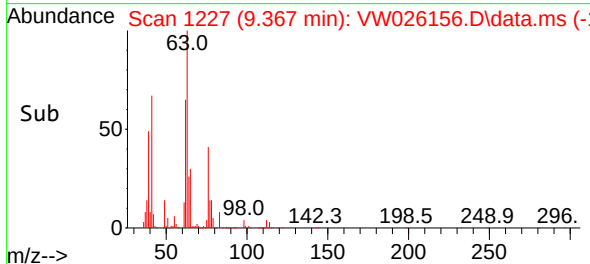
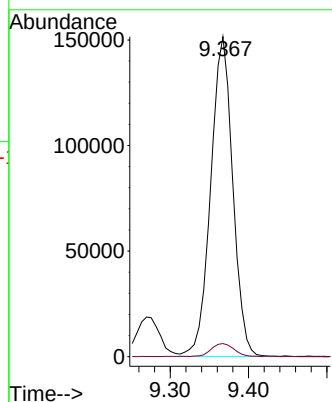
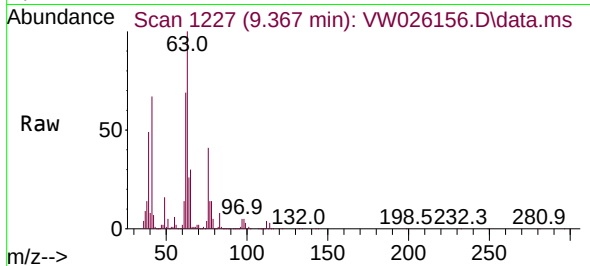




#37
1,2-Dichloropropane
Concen: 21.989 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

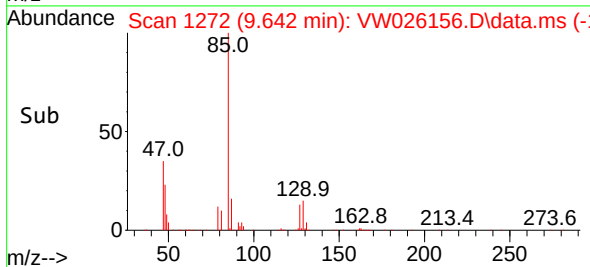
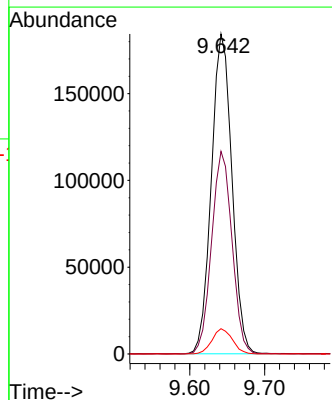
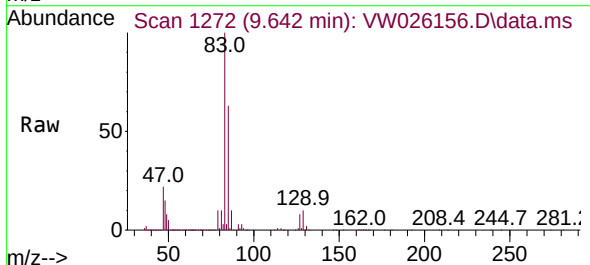
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

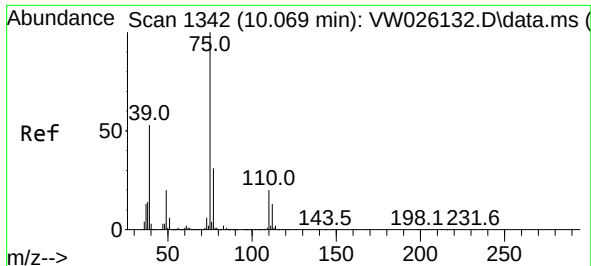
Tgt Ion: 63 Resp: 295698
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9



#38
Bromodichloromethane
Concen: 22.566 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion: 83 Resp: 352536
Ion Ratio Lower Upper
83 100
85 63.3 44.2 82.0
127 7.9 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 22.699 ug/L

RT: 10.068 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026156.D

Acq: 09 Jun 2023 08:41

Instrument :

MSVOA_W

ClientSampleId :

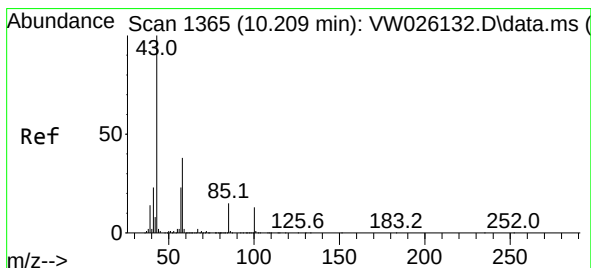
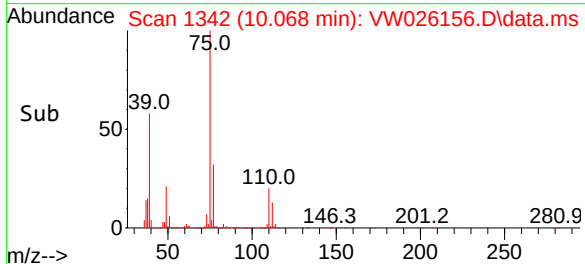
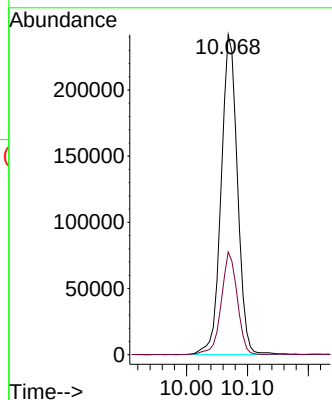
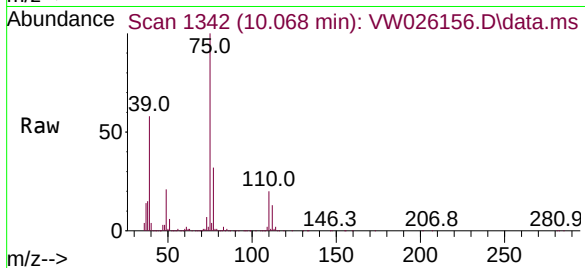
VSTD025513

Tgt Ion: 75 Resp: 448563

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 42.980 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026156.D

Acq: 09 Jun 2023 08:41

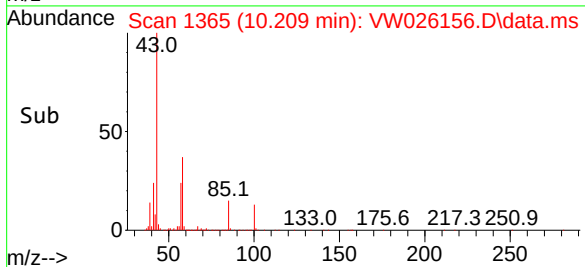
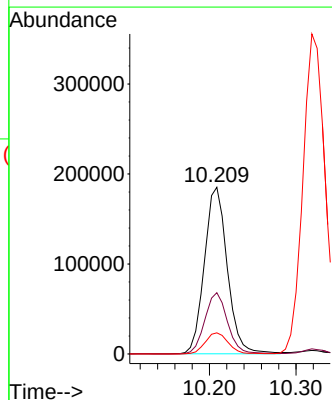
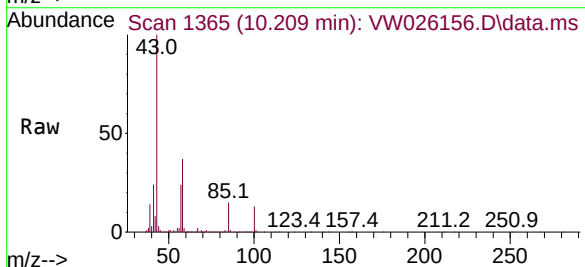
Tgt Ion: 43 Resp: 340745

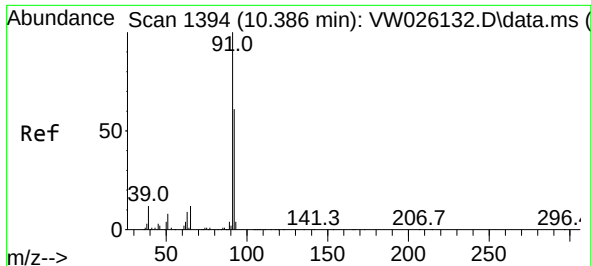
Ion Ratio Lower Upper

43 100

58 36.5 29.0 43.4

100 12.9 10.5 15.7

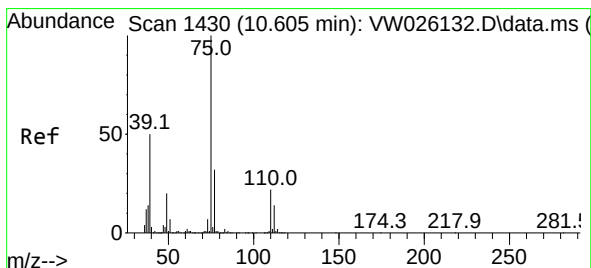
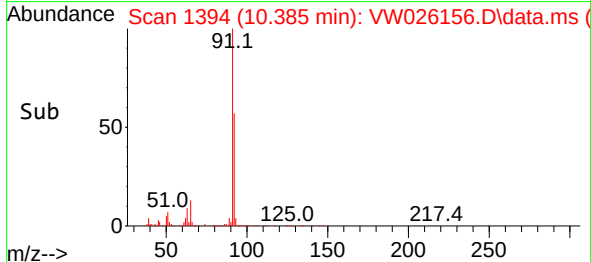
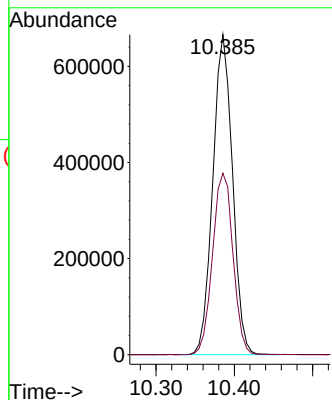
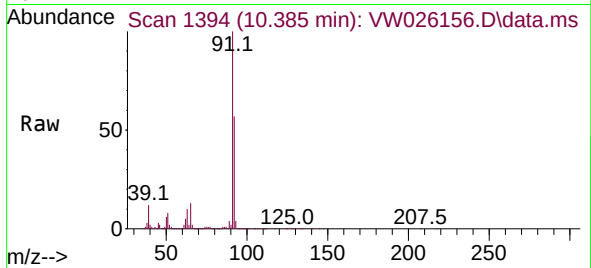




#42
Toluene
Concen: 22.877 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

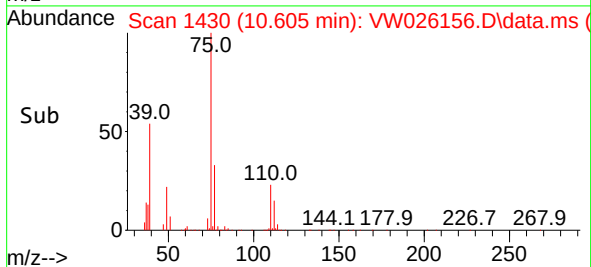
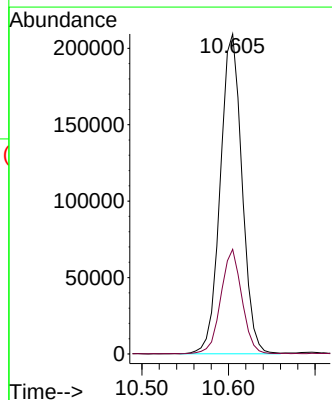
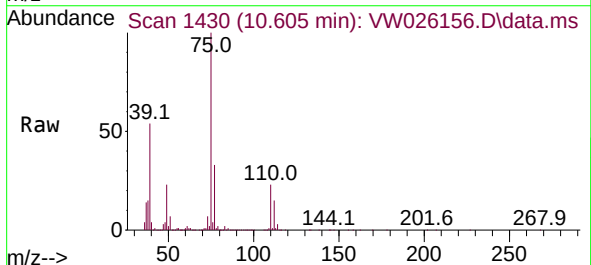
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

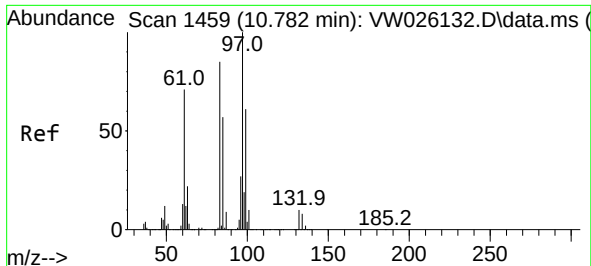
Tgt Ion: 91 Resp: 1161710
Ion Ratio Lower Upper
91 100
92 56.7 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 22.127 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion: 75 Resp: 364279
Ion Ratio Lower Upper
75 100
77 32.7 21.1 39.3

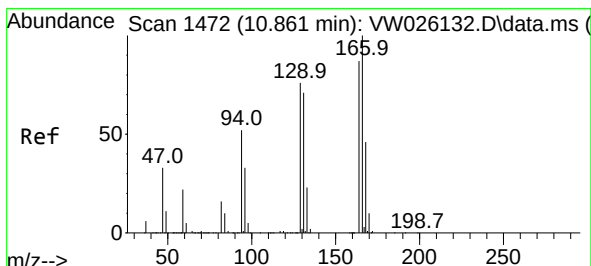
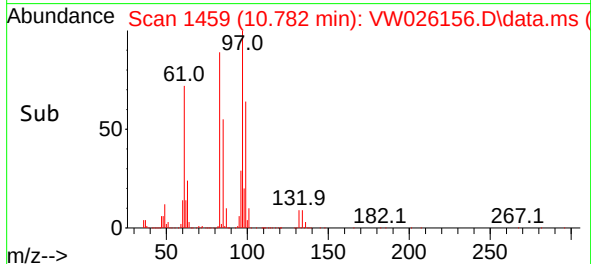
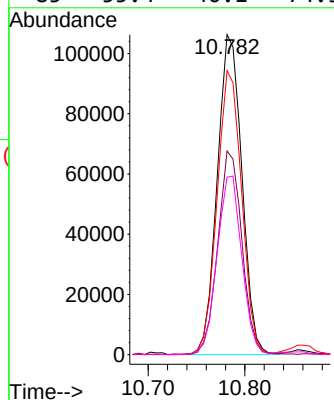
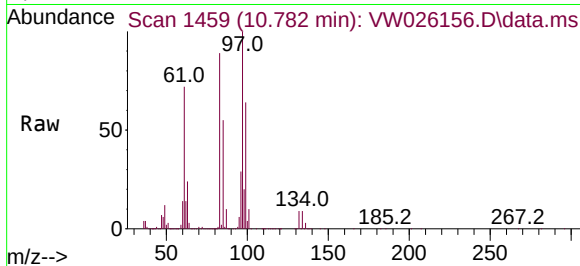




#45
1,1,2-Trichloroethane
Concen: 21.201 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

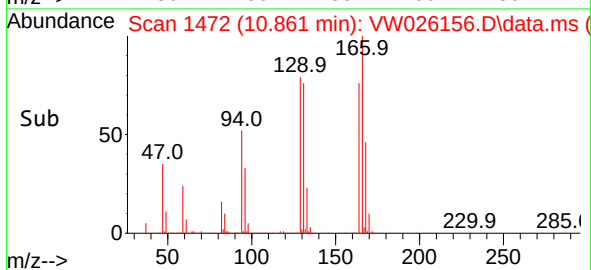
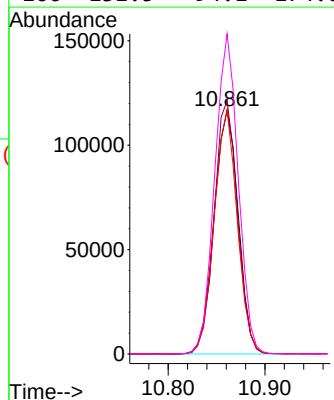
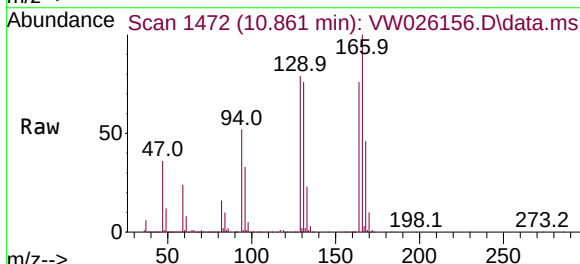
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

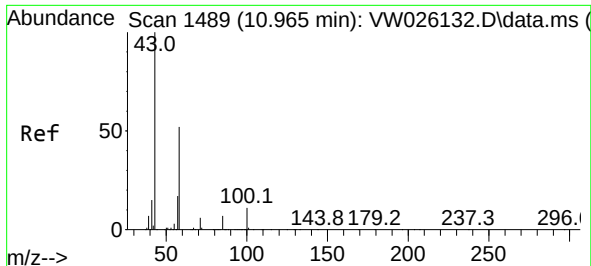
Tgt Ion:	97	Resp:	187895
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.3	80.5
83	88.7	62.9	116.9
85	55.4	40.1	74.5



#46
Tetrachloroethene
Concen: 22.421 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion:	164	Resp:	201612
Ion	Ratio	Lower	Upper
164	100		
129	104.1	68.5	127.1
131	100.4	67.1	124.7
166	131.5	94.1	174.8



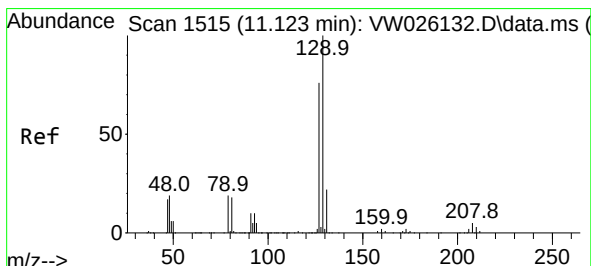
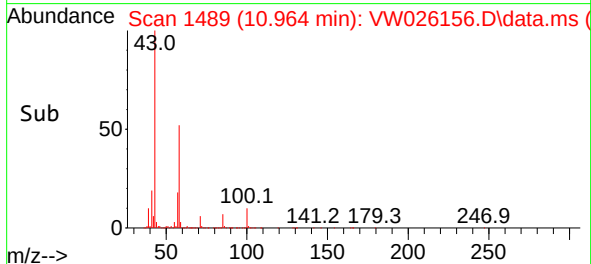
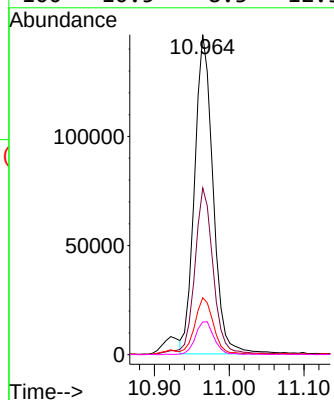
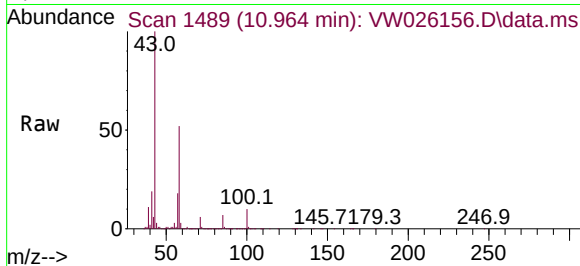


#48
2-Hexanone
Concen: 44.981 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

Tgt Ion: 43 Resp: 251446

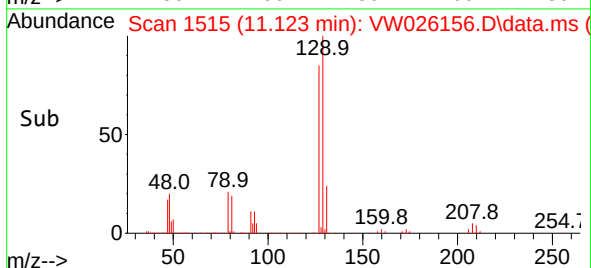
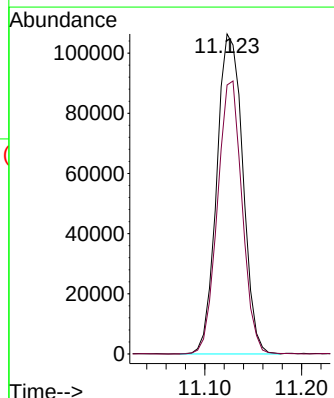
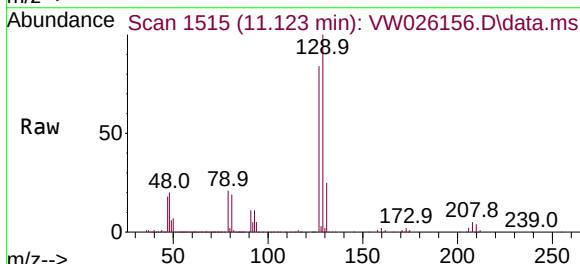
Ion	Ratio	Lower	Upper
43	100		
58	52.4	42.2	63.2
57	17.8	14.2	21.2
100	10.5	8.3	12.5

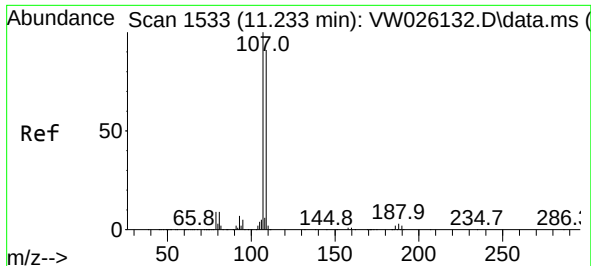


#49
Dibromochloromethane
Concen: 21.370 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion: 129 Resp: 198570

Ion	Ratio	Lower	Upper
129	100		
127	84.0	56.9	105.7





#50

1,2-Dibromoethane

Concen: 20.875 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026156.D

Acq: 09 Jun 2023 08:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025513

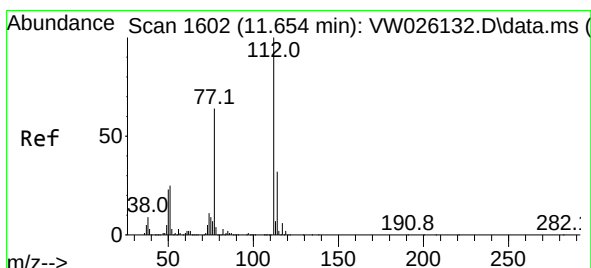
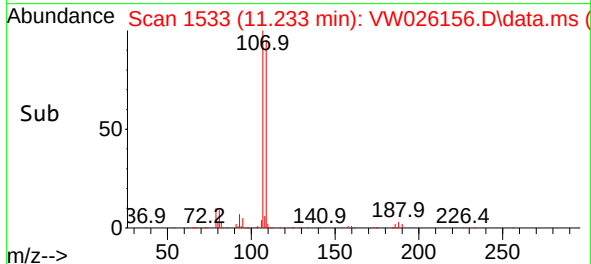
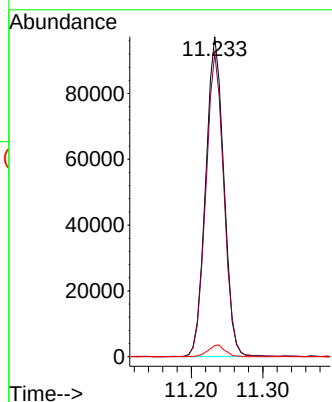
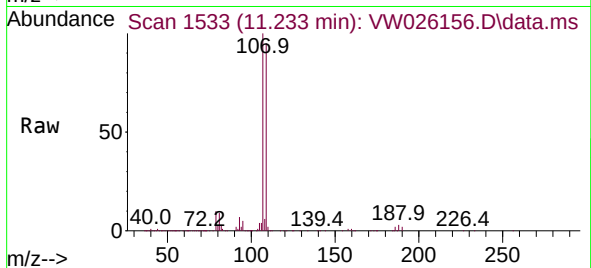
Tgt Ion:107 Resp: 171303

Ion Ratio Lower Upper

107 100

109 94.8 64.0 119.0

188 3.5 2.6 3.8



#51

Chlorobenzene

Concen: 21.977 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026156.D

Acq: 09 Jun 2023 08:41

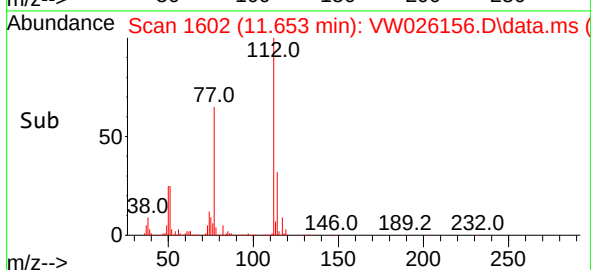
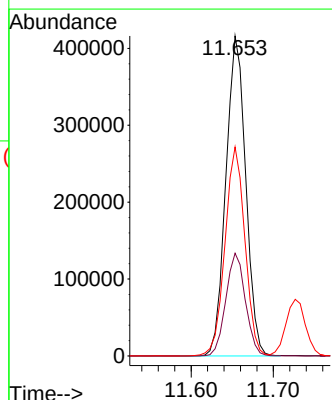
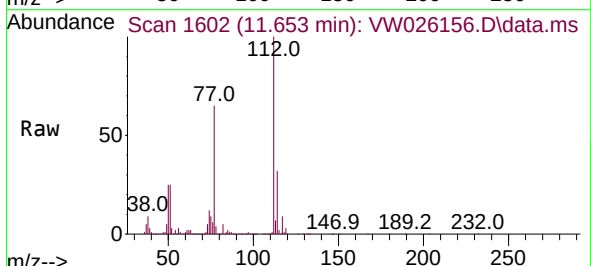
Tgt Ion:112 Resp: 699311

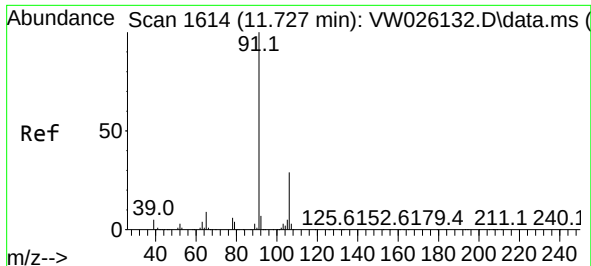
Ion Ratio Lower Upper

112 100

114 32.1 23.0 42.6

77 65.3 50.9 76.3

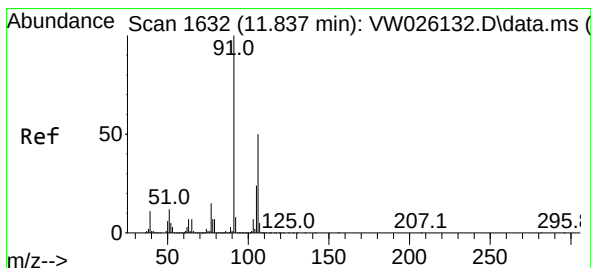
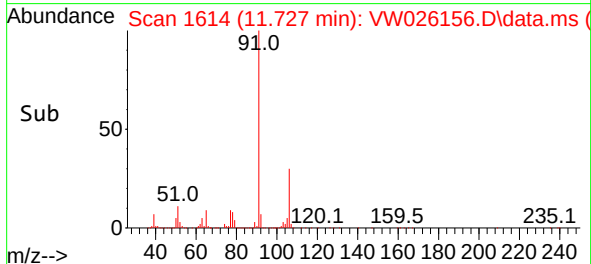
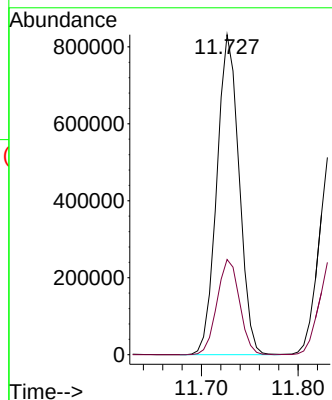
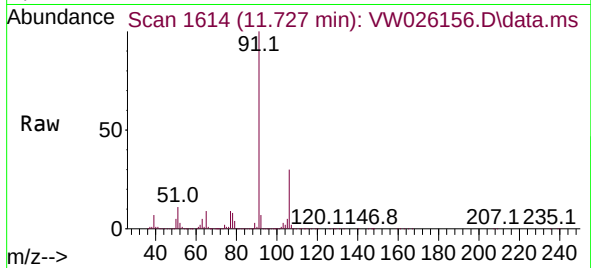




#52
Ethylbenzene
Concen: 23.180 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

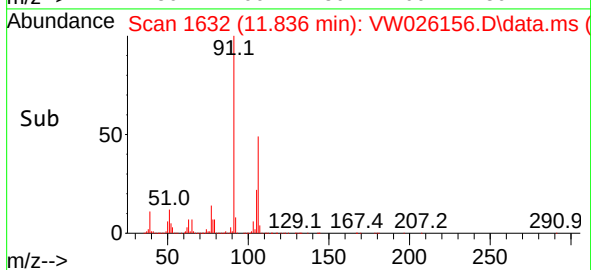
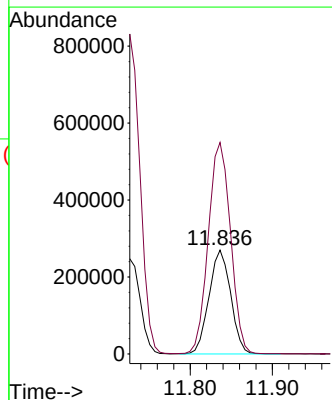
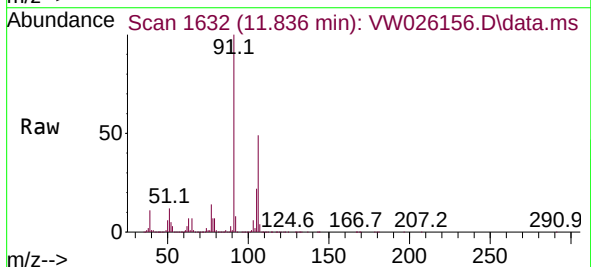
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

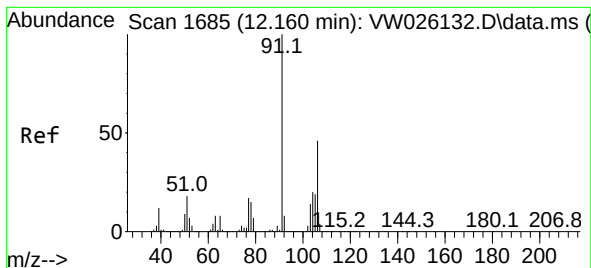
Tgt Ion: 91 Resp: 1327807
Ion Ratio Lower Upper
91 100
106 29.8 21.2 39.4



#53
m,p-Xylene
Concen: 23.236 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion: 106 Resp: 495163
Ion Ratio Lower Upper
106 100
91 203.7 149.5 277.7

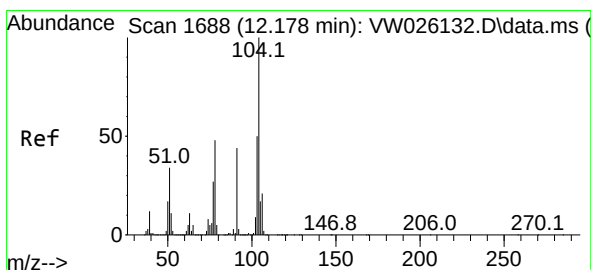
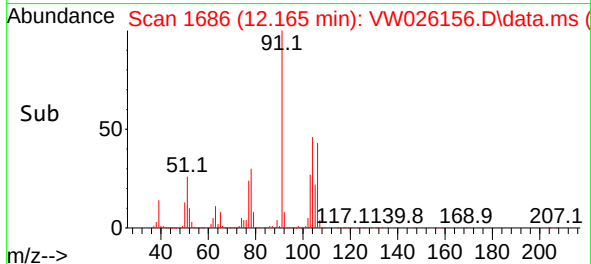
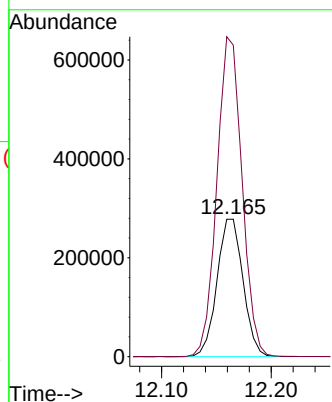
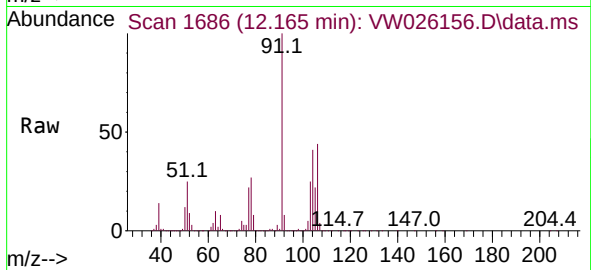




#54
o-Xylene
Concen: 22.829 ug/L
RT: 12.165 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

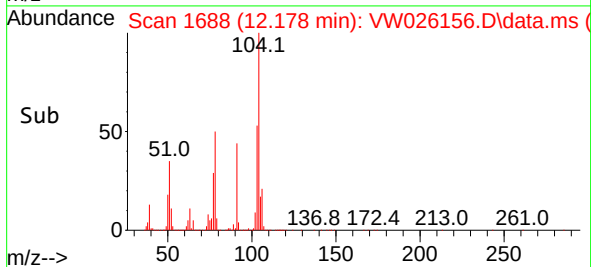
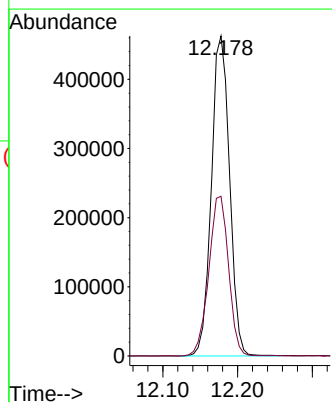
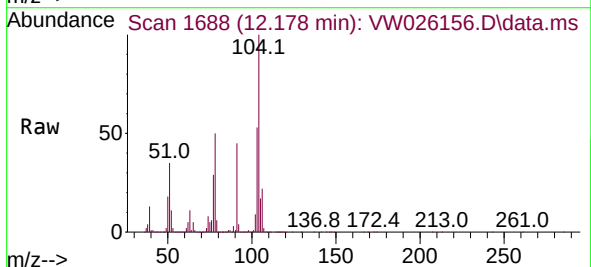
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

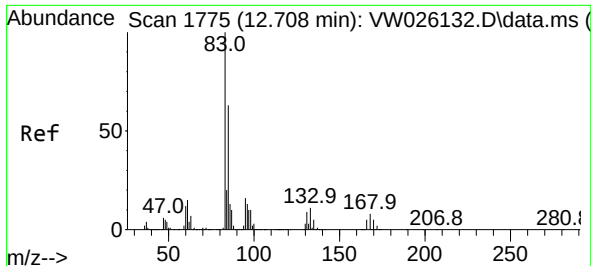
Tgt Ion:106 Resp: 459173
Ion Ratio Lower Upper
106 100
91 226.6 150.9 280.3



#55
Styrene
Concen: 22.654 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion:104 Resp: 781697
Ion Ratio Lower Upper
104 100
78 49.9 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 20.713 ug/L

RT: 12.708 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026156.D

Acq: 09 Jun 2023 08:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025513

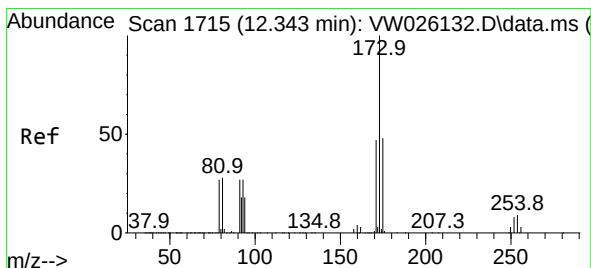
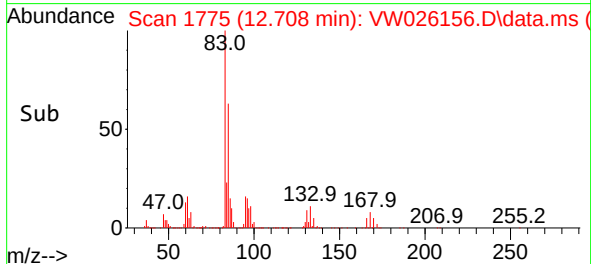
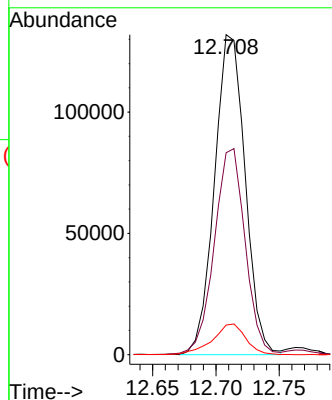
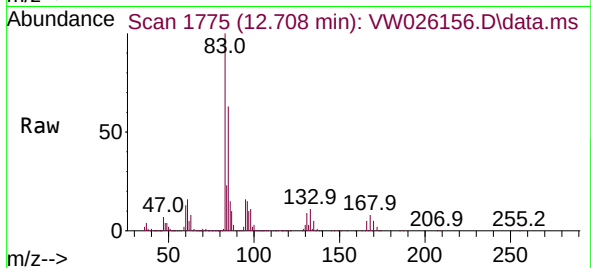
Tgt Ion: 83 Resp: 222159

Ion Ratio Lower Upper

83 100

85 63.1 42.6 79.0

131 9.3 7.2 10.8



#59

Bromoform

Concen: 19.466 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW026156.D

Acq: 09 Jun 2023 08:41

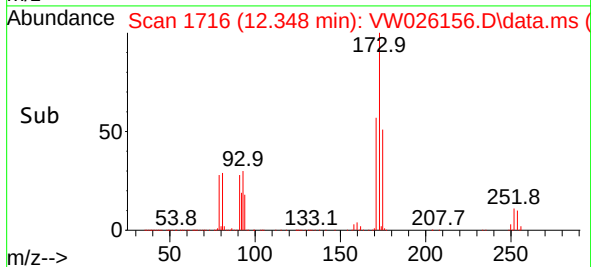
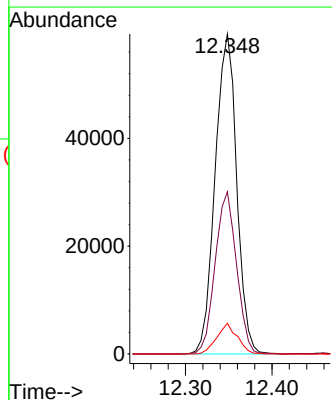
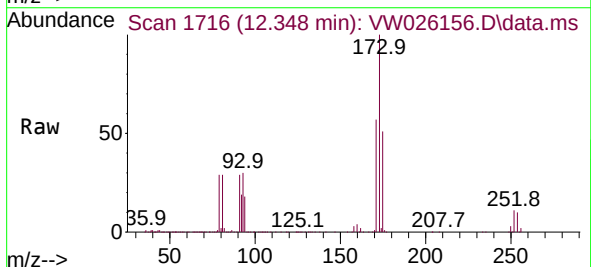
Tgt Ion:173 Resp: 102670

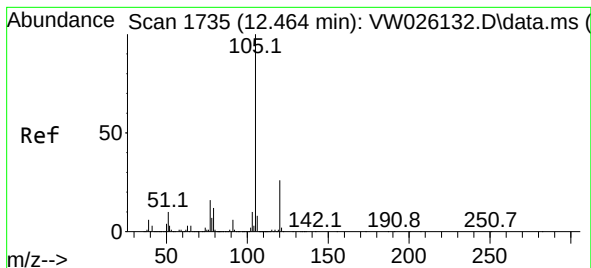
Ion Ratio Lower Upper

173 100

175 50.2 38.6 57.8

254 9.1 7.4 11.0





#60

Isopropylbenzene

Concen: 23.553 ug/L

RT: 12.458 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VW026156.D

Acq: 09 Jun 2023 08:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025513

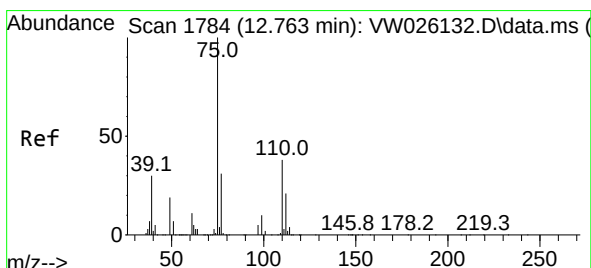
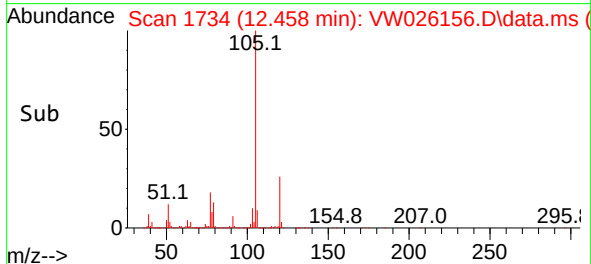
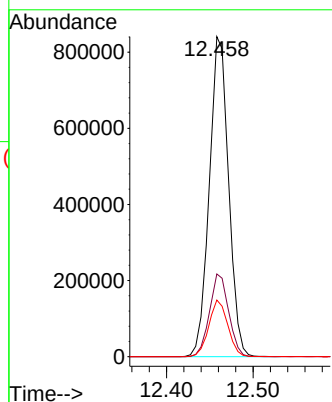
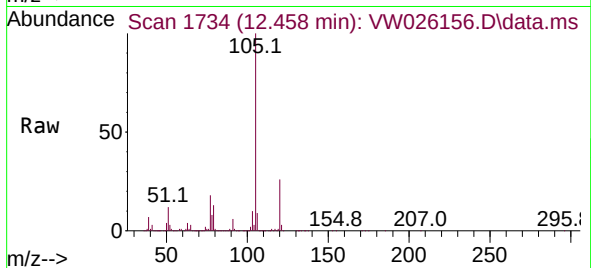
Tgt Ion:105 Resp: 1299282

Ion Ratio Lower Upper

105 100

120 25.7 19.8 29.8

77 17.4 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 20.841 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026156.D

Acq: 09 Jun 2023 08:41

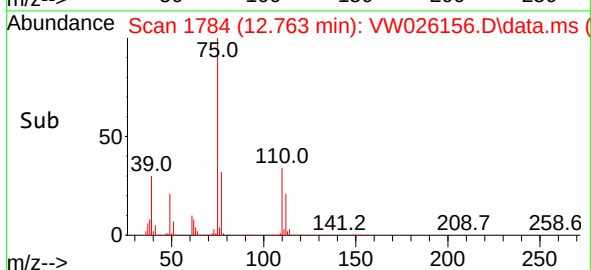
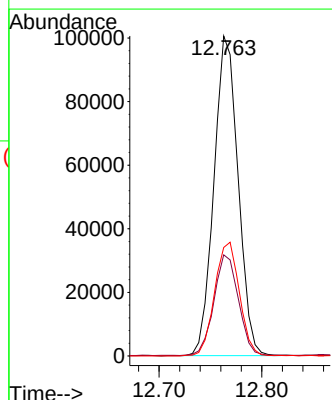
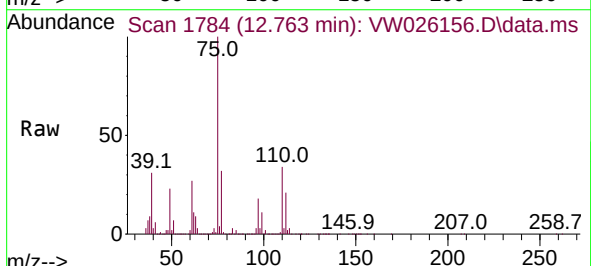
Tgt Ion: 75 Resp: 163938

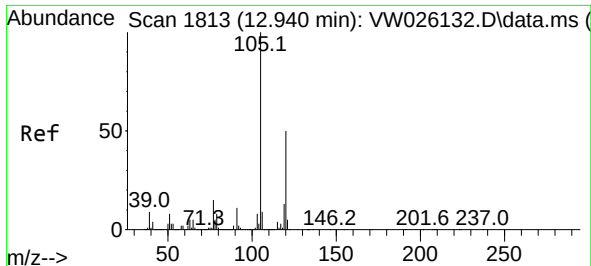
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

110 36.4 28.7 43.1

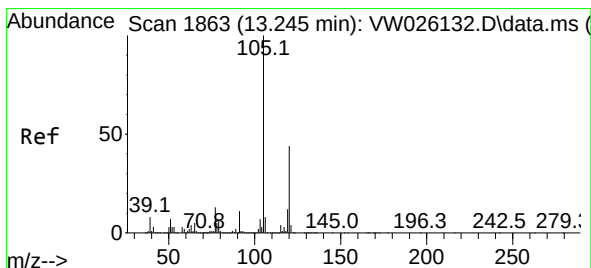
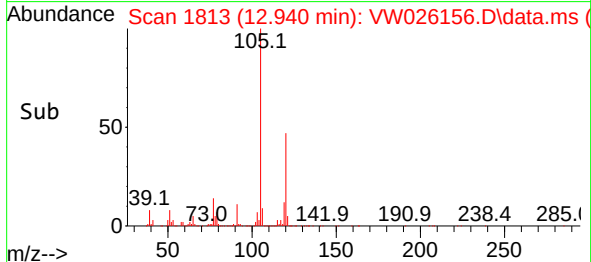
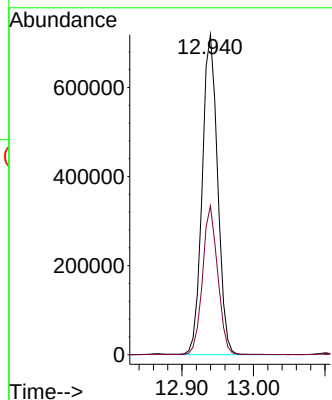
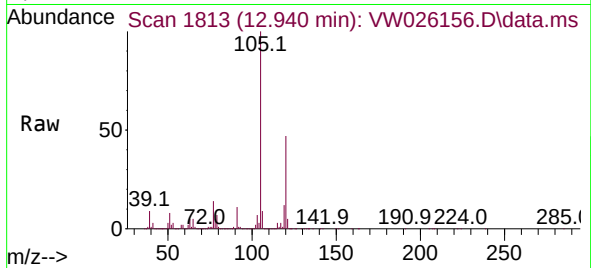




#62
1,3,5-Trimethylbenzene
Concen: 24.536 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

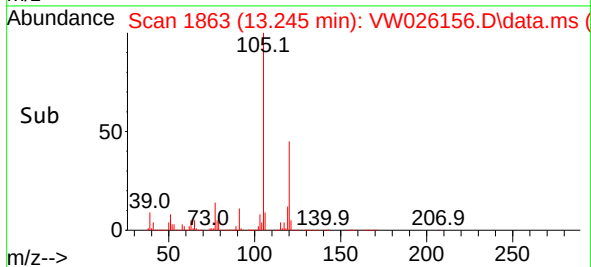
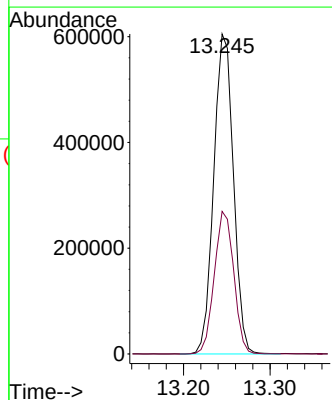
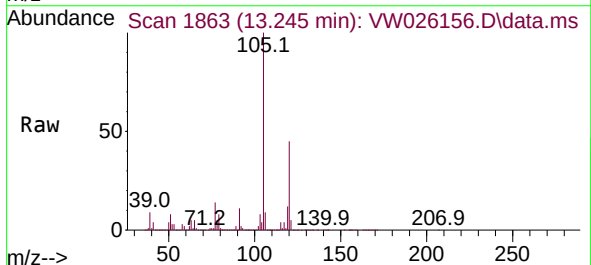
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

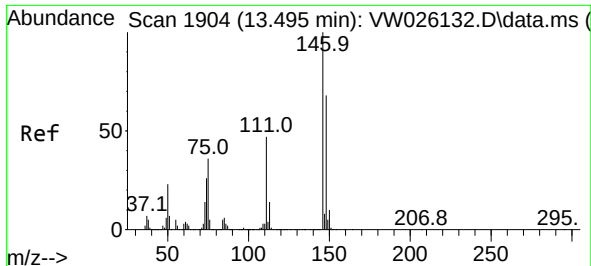
Tgt Ion:105 Resp: 1076004
Ion Ratio Lower Upper
105 100
120 45.6 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 23.743 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion:105 Resp: 953659
Ion Ratio Lower Upper
105 100
120 44.1 36.2 54.2

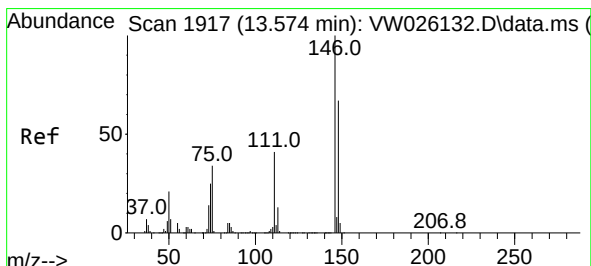
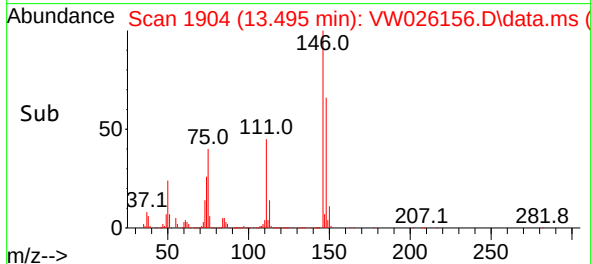
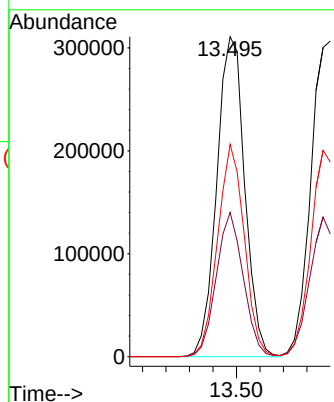
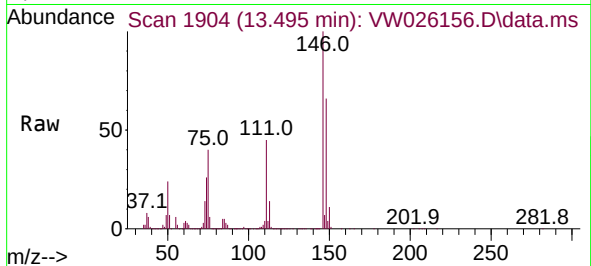




#64
1,3-Dichlorobenzene
Concen: 22.165 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

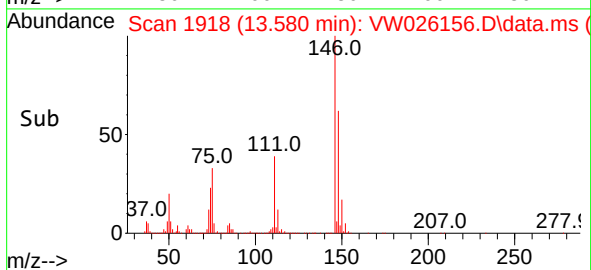
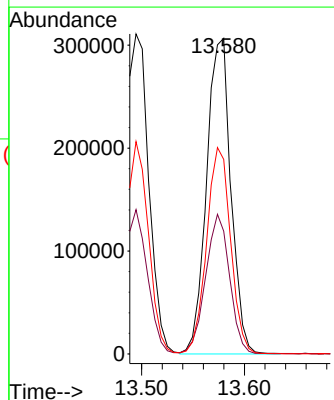
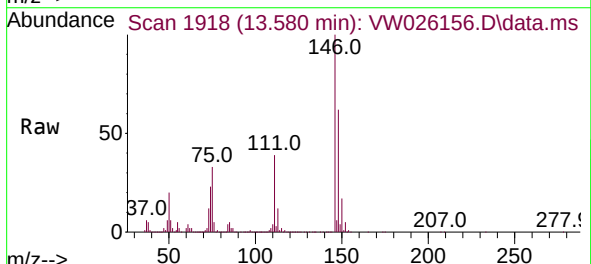
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

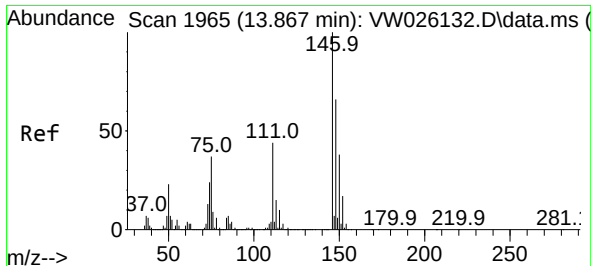
Tgt Ion:146 Resp: 514113
Ion Ratio Lower Upper
146 100
111 45.1 29.7 55.1
148 66.3 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 21.645 ug/L
RT: 13.580 min Scan# 1918
Delta R.T. 0.006 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion:146 Resp: 505452
Ion Ratio Lower Upper
146 100
111 38.9 29.2 54.2
148 61.6 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 22.081 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026156.D

Acq: 09 Jun 2023 08:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025513

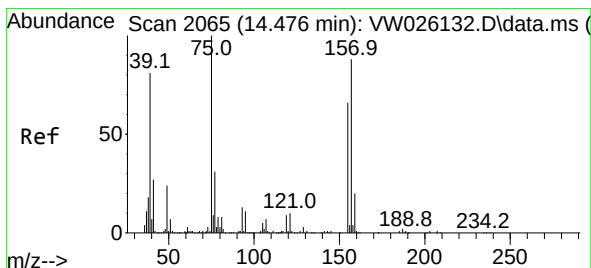
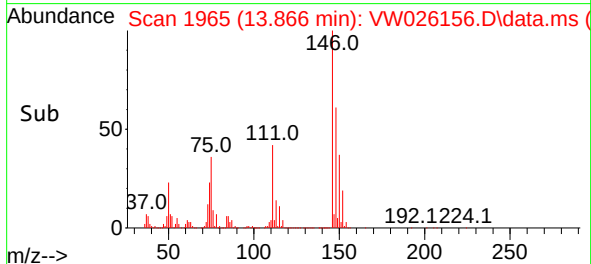
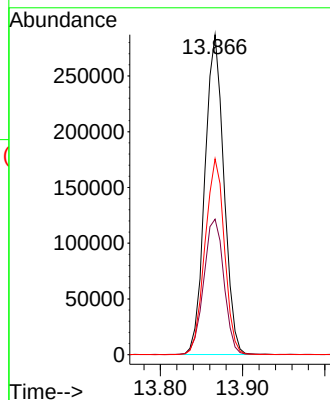
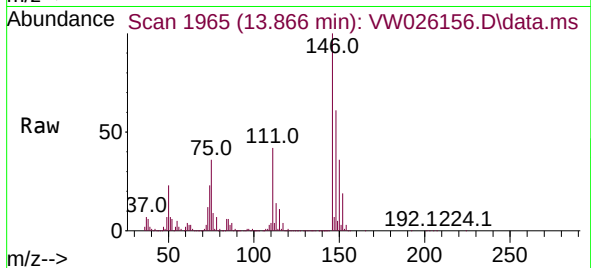
Tgt Ion:146 Resp: 459910

Ion Ratio Lower Upper

146 100

111 42.3 35.4 53.0

148 61.2 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 19.916 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026156.D

Acq: 09 Jun 2023 08:41

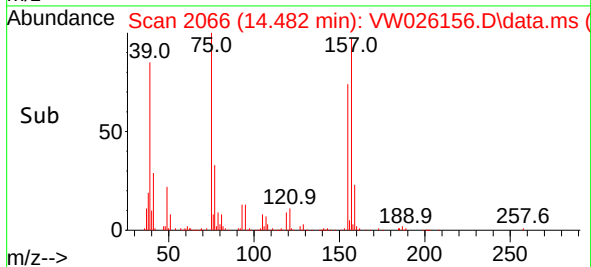
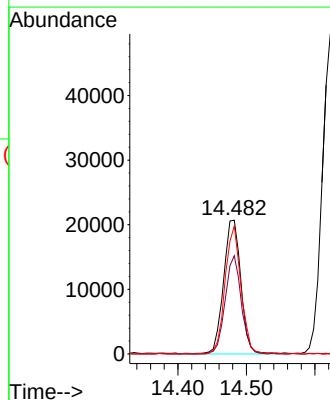
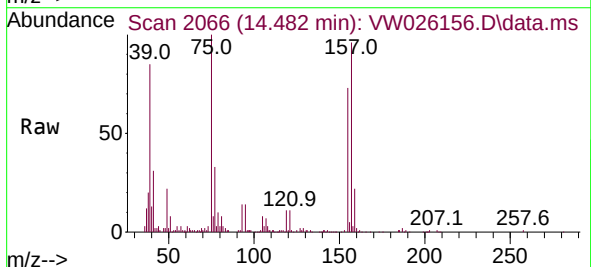
Tgt Ion: 75 Resp: 36296

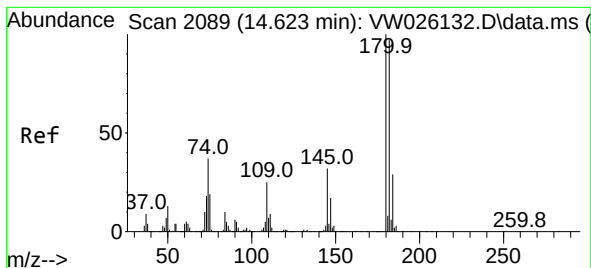
Ion Ratio Lower Upper

75 100

155 73.5 59.0 88.6

157 95.7 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 21.369 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026156.D

Acq: 09 Jun 2023 08:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025513

Tgt Ion:180 Resp: 340478

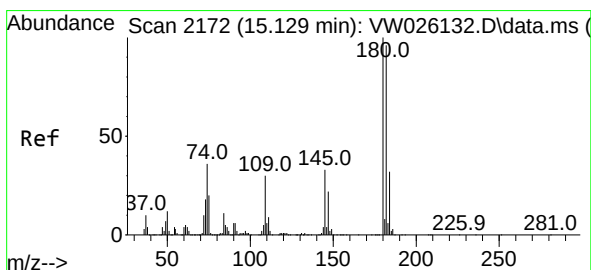
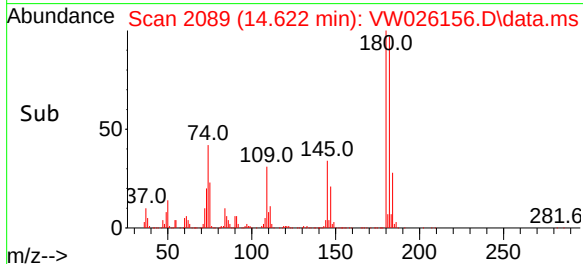
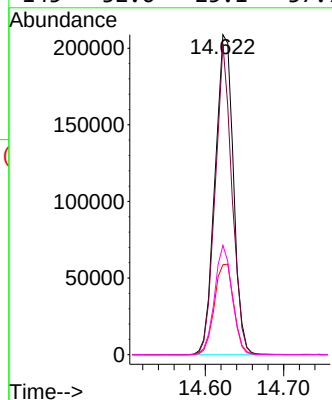
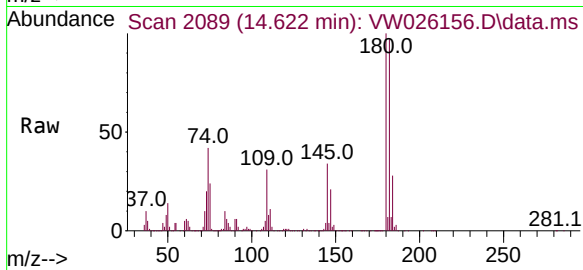
Ion Ratio Lower Upper

180 100

182 88.4 77.0 115.4

184 29.9 23.7 35.5

145 32.6 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 21.225 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026156.D

Acq: 09 Jun 2023 08:41

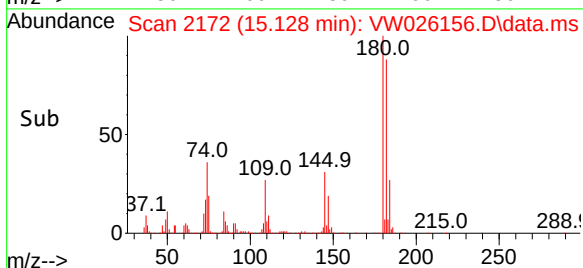
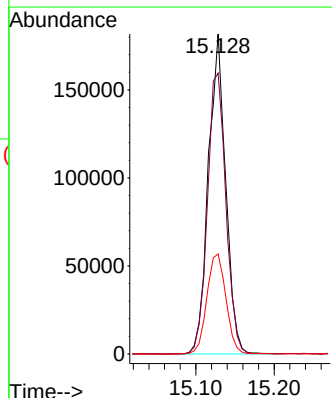
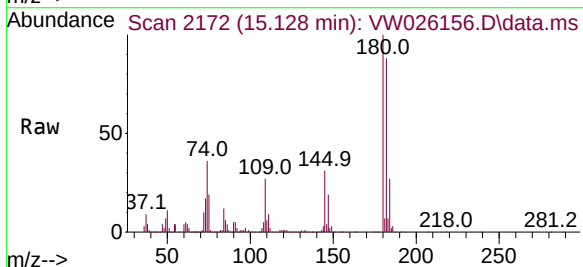
Tgt Ion:180 Resp: 279049

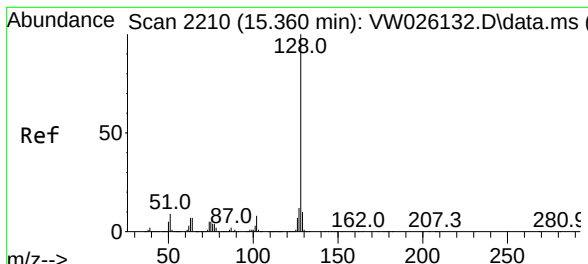
Ion Ratio Lower Upper

180 100

182 93.4 78.9 118.3

145 34.4 27.2 40.8



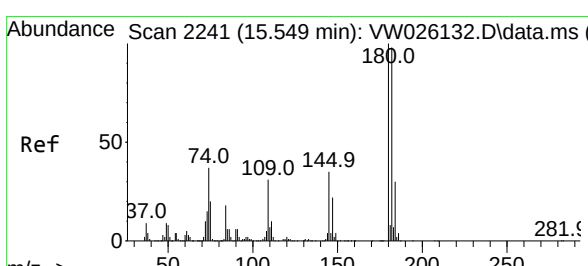
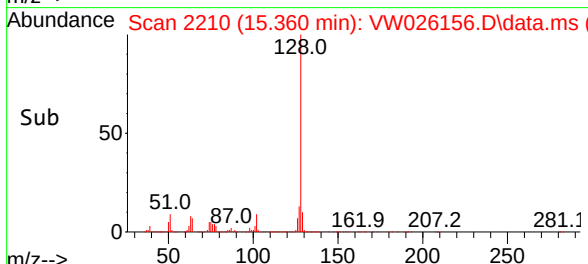
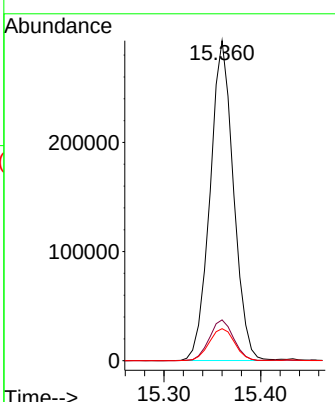
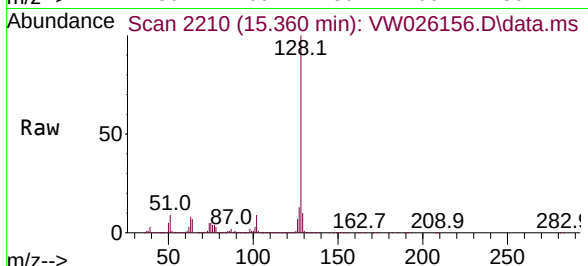


#71
Naphthalene
Concen: 21.023 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

Tgt Ion:128 Resp: 492617

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.9	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 21.259 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026156.D
Acq: 09 Jun 2023 08:41

Tgt Ion:180 Resp: 244269

Ion	Ratio	Lower	Upper
180	100		
182	91.8	76.3	114.5
145	33.7	27.0	40.6

