

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071123\
 Data File : VW026583.D
 Acq On : 11 Jul 2023 08:36
 Operator : SY/MD
 Sample : VSTD2.514
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5414

Quant Time: Jul 12 06:31:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 12 06:31:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	581787	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	516615	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	255850	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	27461	2.798	ug/L	0.00
7) Chloroethane-d5	2.893	69	18085	2.626	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	12634	2.741	ug/L	0.00
21) 2-Butanone-d5	7.331	46	83	0.026	ug/L	0.26
24) Chloroform-d	7.648	84	43696	2.609	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	25409	2.717	ug/L	0.00
32) Benzene-d6	8.276	84	89917	2.535	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	28158	2.582	ug/L	0.00
41) Toluene-d8	10.325	98	72522	2.384	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	10819	2.475	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	7511	3.530	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	23587	2.554	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	22645	2.411	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	17301	2.557	ug/L	100
3) Chloromethane	2.216	50	24937	2.659	ug/L	99
5) Vinyl chloride	2.369	62	27013	2.733	ug/L	96
6) Bromomethane	2.783	94	14531	2.766	ug/L	99
8) Chloroethane	2.936	64	14476	2.620	ug/L	98
9) Trichlorofluoromethane	3.265	101	17792	2.431	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.228	101	256	0.032	ug/L	88
12) 1,1-Dichloroethene	4.039	96	19934	2.558	ug/L	89
13) Acetone	4.124	43	11761	5.155	ug/L	93
14) Carbon disulfide	4.387	76	71074	2.601	ug/L	100
15) Methyl Acetate	4.673	43	7257	1.336	ug/L #	63
16) Methylene chloride	4.923	84	37953	3.705	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	21451	2.574	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	32541	2.495	ug/L	98
19) 1,1-Dichloroethane	6.228	63	43380	2.604	ug/L	92
20) cis-1,2-Dichloroethene	7.173	96	21526	2.495	ug/L	93
22) 2-Butanone	7.173	43	16180	4.661	ug/L	100
23) Bromochloromethane	7.520	128	9775	2.645	ug/L	94
25) Chloroform	7.673	83	40325	2.642	ug/L	93
27) 1,2-Dichloroethane	8.398	62	28772	2.677	ug/L #	93
29) Cyclohexane	7.953	56	35235	2.191	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	31685	2.502	ug/L	96
31) Carbon tetrachloride	8.069	117	29557	2.572	ug/L	99
33) Benzene	8.325	78	88966	2.499	ug/L	100
34) Trichloroethene	9.093	95	22940	2.509	ug/L	92
35) Methylcyclohexane	9.337	83	38064	2.318	ug/L	97
37) 1,2-Dichloropropane	9.367	63	24578	2.600	ug/L #	95
38) Bromodichloromethane	9.642	83	27028	2.517	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	30425	2.236	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	31050	4.352	ug/L	95
42) Toluene	10.386	91	84440	2.349	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	25864	2.253	ug/L	97

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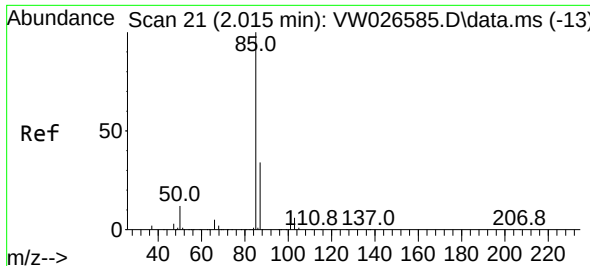
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5414

Quant Time: Jul 12 06:31:50 2023
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 Quant Title : SFAM01.0
 QLast Update : Wed Jul 12 06:31:13 2023
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	10.788	97	17024	2.580	ug/L	93
46) Tetrachloroethene	10.861	164	16341	2.517	ug/L	94
48) 2-Hexanone	10.971	43	19539	3.924	ug/L	99
49) Dibromochloromethane	11.129	129	15758	2.412	ug/L	97
50) 1,2-Dibromoethane	11.233	107	14936	2.402	ug/L #	97
51) Chlorobenzene	11.654	112	56592	2.568	ug/L	97
52) Ethylbenzene	11.727	91	93172	2.328	ug/L	100
53) m,p-Xylene	11.836	106	33311	2.288	ug/L	92
54) o-Xylene	12.166	106	30586	2.238	ug/L	95
55) Styrene	12.178	104	50178	2.177	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	21377	2.469	ug/L	99
59) Bromoform	12.355	173	9234	2.282	ug/L #	93
60) Isopropylbenzene	12.464	105	87239	2.204	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	16809	2.432	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	60053	1.978	ug/L	97
63) 1,2,4-Trimethylbenzene	13.251	105	61187	2.033	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	41602	2.505	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	42046	2.538	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	36717	2.498	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.482	75	4177	2.539	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.629	180	28510	2.594	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	21927	2.431	ug/L	98
71) Naphthalene	15.360	128	41391	2.026	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	20681	2.435	ug/L	94

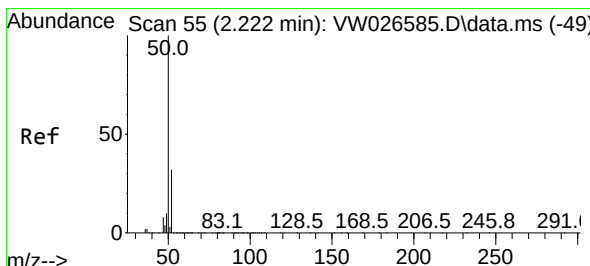
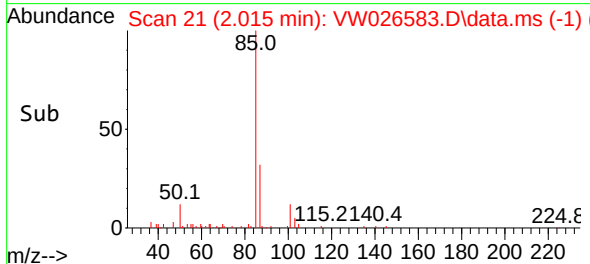
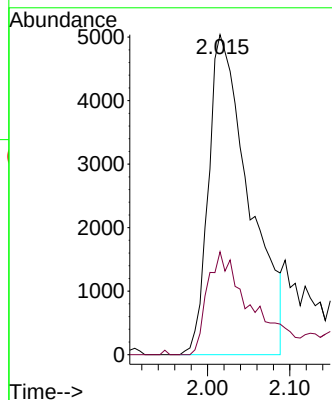
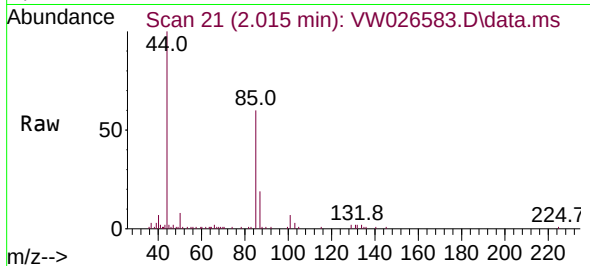
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 2.557 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
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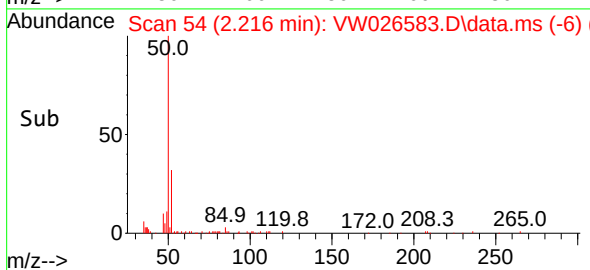
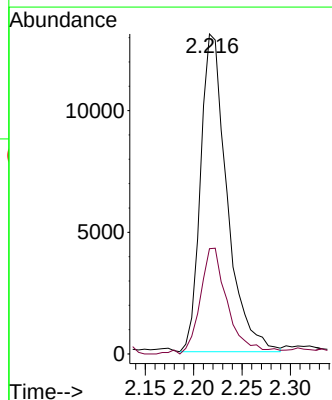
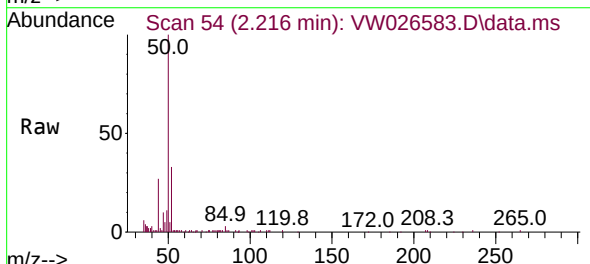
Instrument :
MSVOA_W
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VSTD2.5414

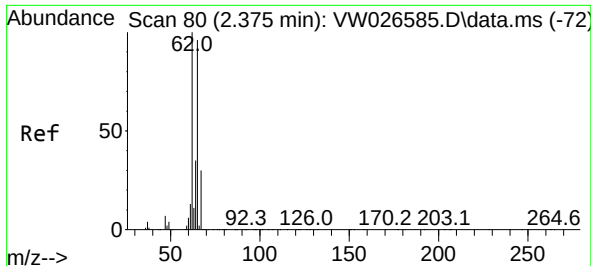
Tgt Ion: 85 Resp: 17301
Ion Ratio Lower Upper
85 100
87 26.7 21.4 32.0



#3
Chloromethane
Concen: 2.659 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

Tgt Ion: 50 Resp: 24937
Ion Ratio Lower Upper
50 100
52 32.9 22.5 41.7

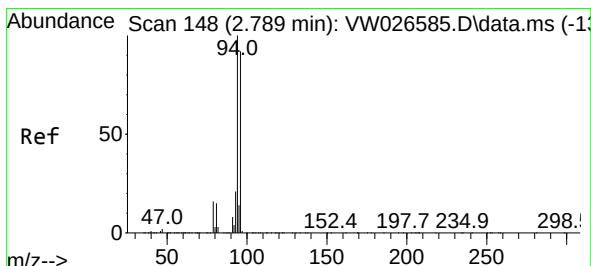
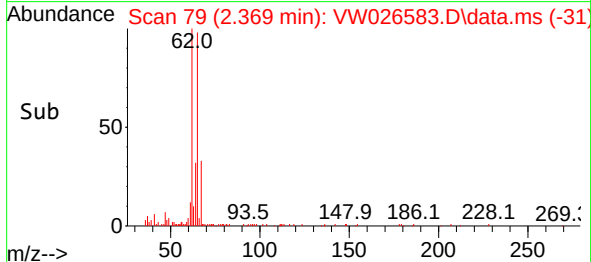
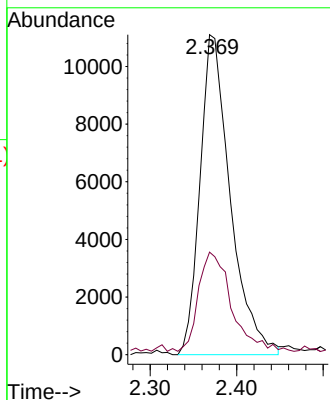
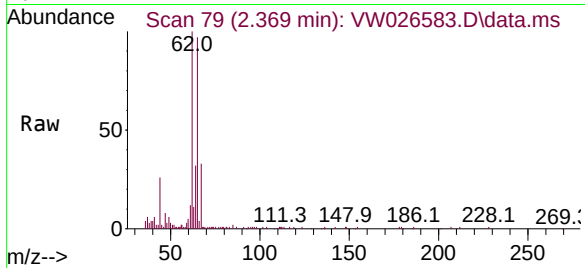




#5
 Vinyl chloride
 Concen: 2.733 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW026583.D
 Acq: 11 Jul 2023 08:36

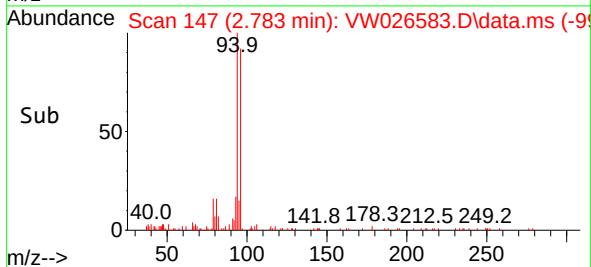
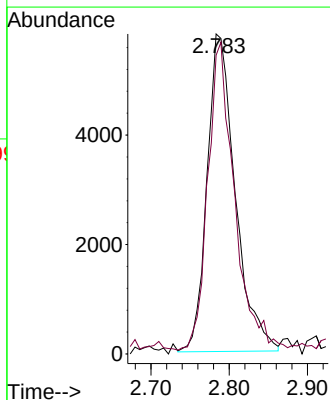
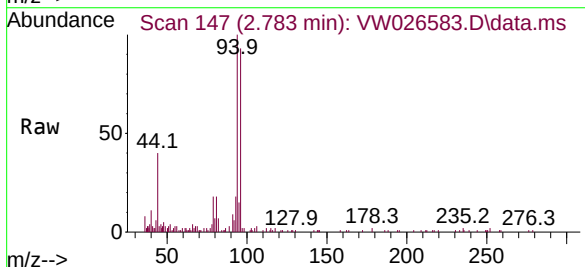
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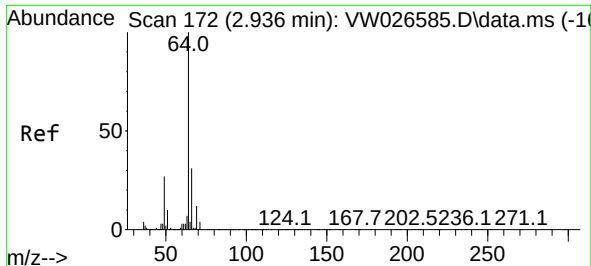
Tgt Ion: 62 Resp: 27013
 Ion Ratio Lower Upper
 62 100
 64 32.0 24.2 45.0



#6
 Bromomethane
 Concen: 2.766 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026583.D
 Acq: 11 Jul 2023 08:36

Tgt Ion: 94 Resp: 14531
 Ion Ratio Lower Upper
 94 100
 96 93.3 64.5 119.9

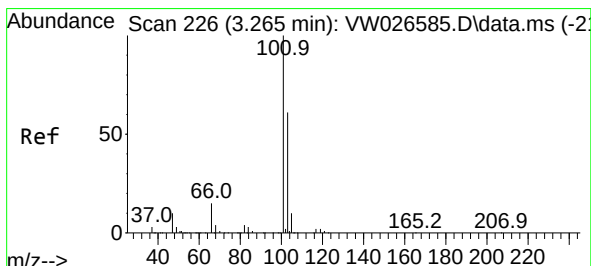
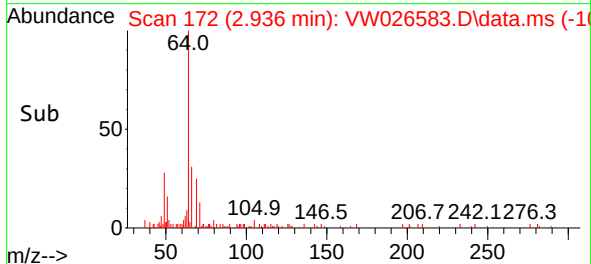
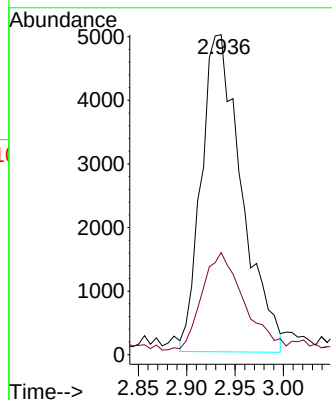
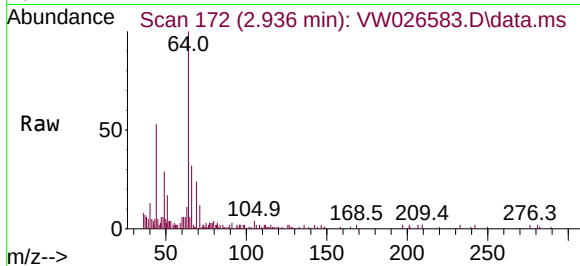




#8
Chloroethane
Concen: 2.620 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

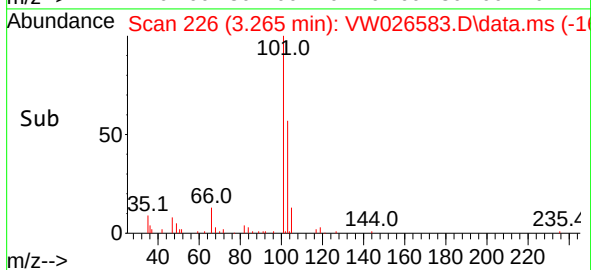
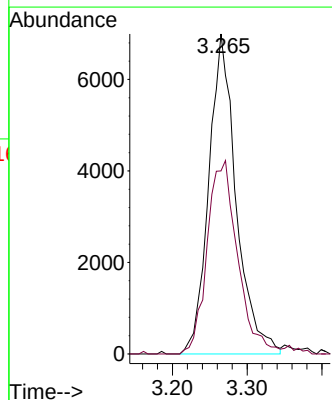
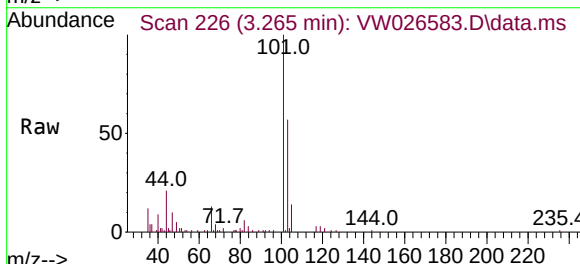
Instrument :
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ClientSampleId :
VSTD2.5414

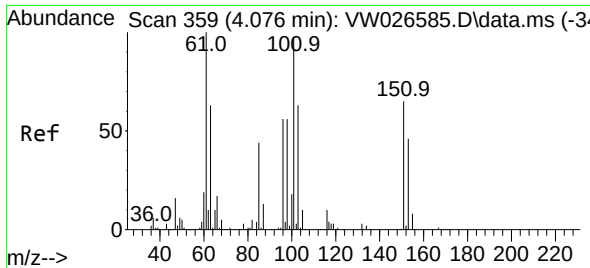
Tgt Ion: 64 Resp: 14476
Ion Ratio Lower Upper
64 100
66 31.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 2.431 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

Tgt Ion: 101 Resp: 17792
Ion Ratio Lower Upper
101 100
103 65.1 50.3 75.5

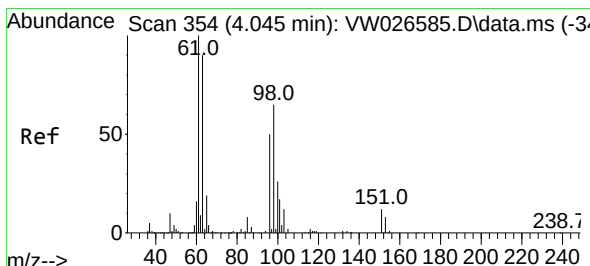
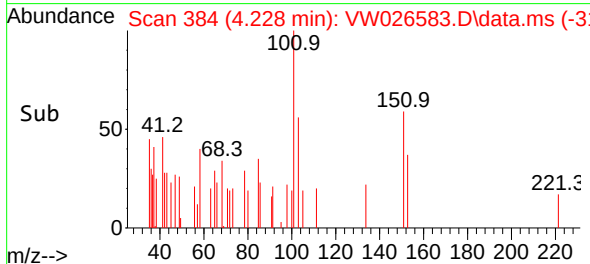
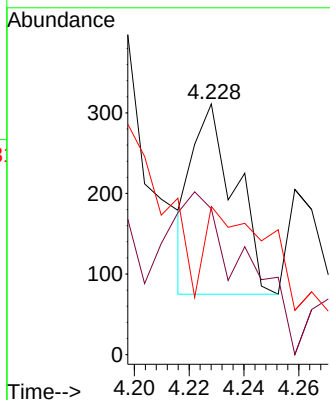
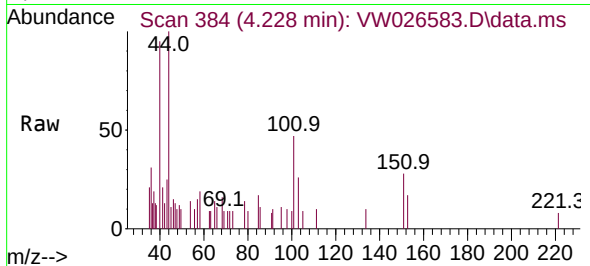




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.032 ug/L
 RT: 4.228 min Scan# 31
 Delta R.T. 0.152 min
 Lab File: VW026583.D
 Acq: 11 Jul 2023 08:36

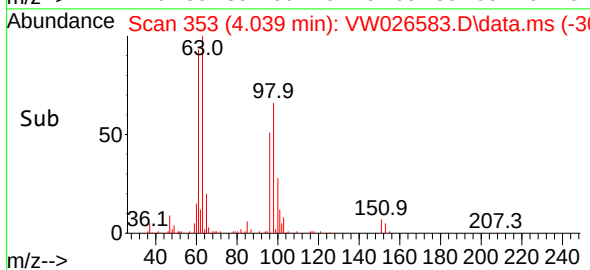
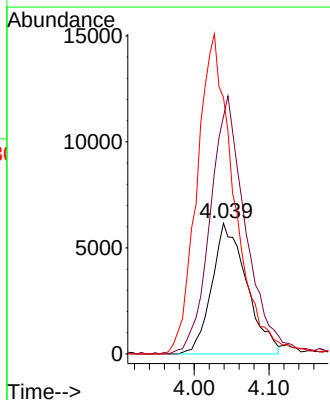
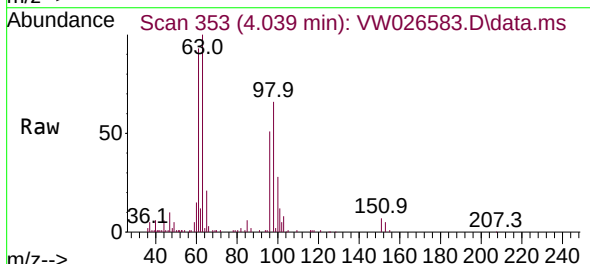
Instrument :
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 ClientSampleId :
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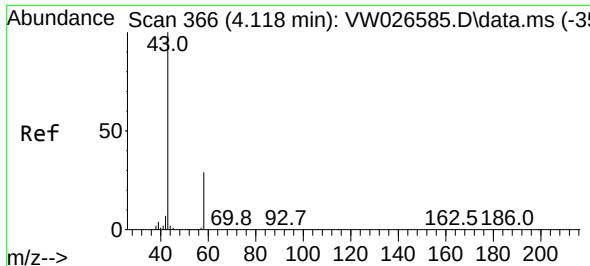
Tgt Ion:101 Resp: 256
 Ion Ratio Lower Upper
 101 100
 85 50.0 36.1 54.1
 151 57.8 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 2.558 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW026583.D
 Acq: 11 Jul 2023 08:36

Tgt Ion: 96 Resp: 19934
 Ion Ratio Lower Upper
 96 100
 61 181.5 140.8 261.4
 63 196.1 127.7 237.3

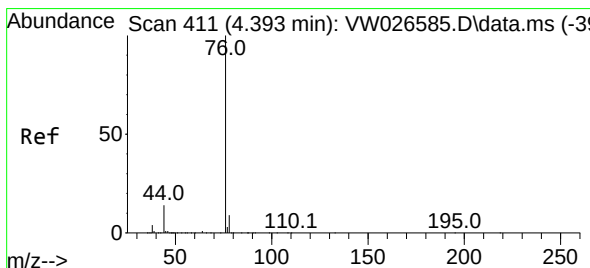
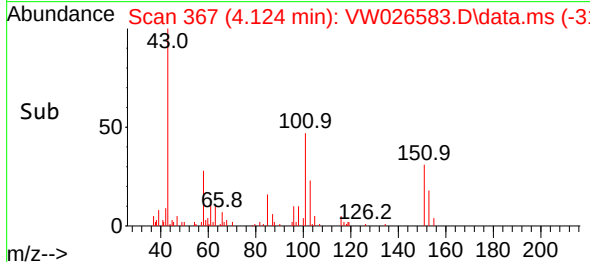
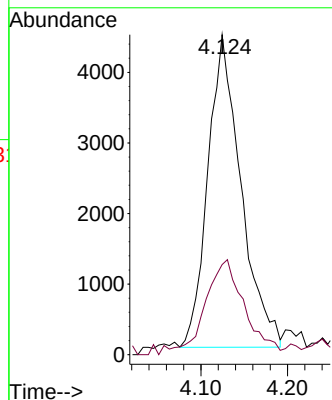
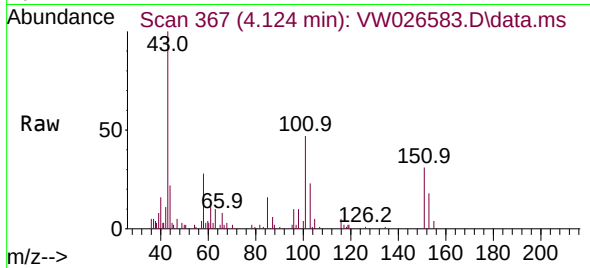




#13
Acetone
Concen: 5.155 ug/L
RT: 4.124 min Scan# 307
Delta R.T. 0.006 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

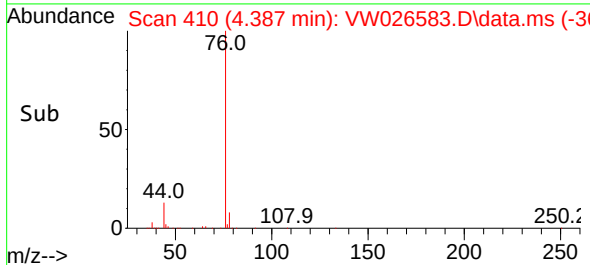
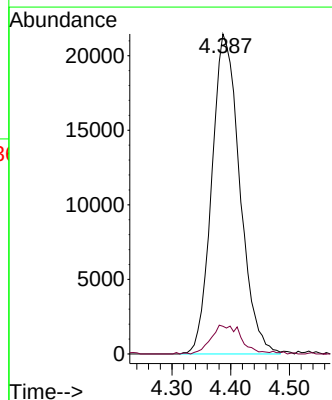
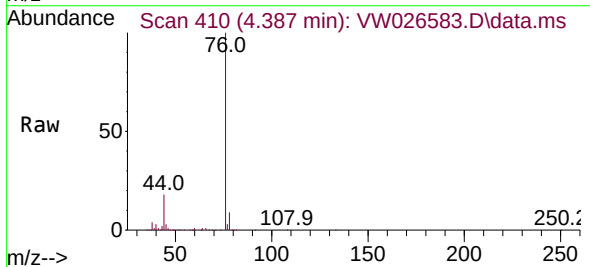
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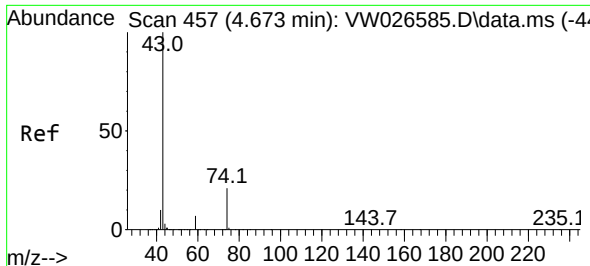
Tgt Ion: 43 Resp: 11761
Ion Ratio Lower Upper
43 100
58 35.6 0.0 63.2



#14
Carbon disulfide
Concen: 2.601 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

Tgt Ion: 76 Resp: 71074
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3

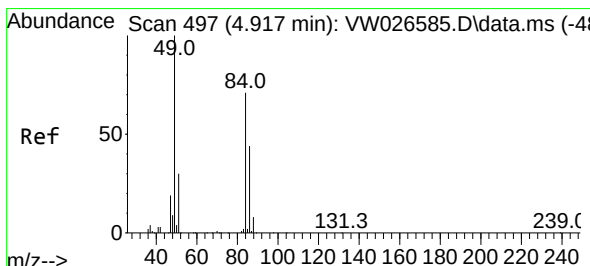
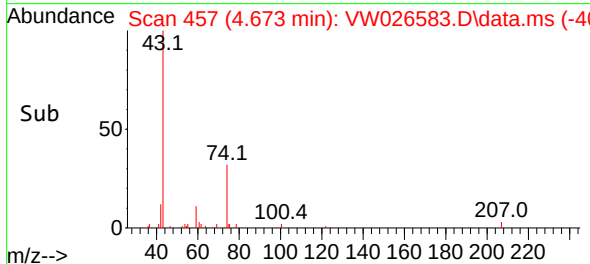
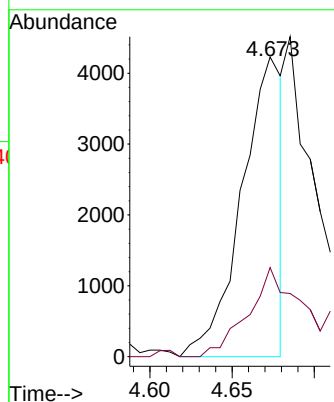
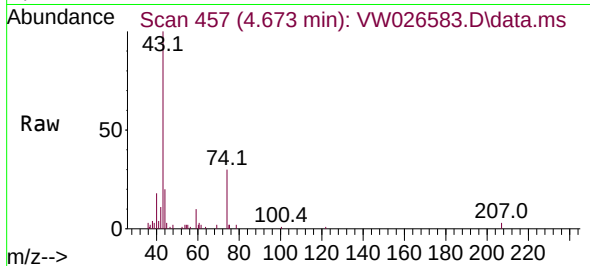




#15
Methyl Acetate
Concen: 1.336 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

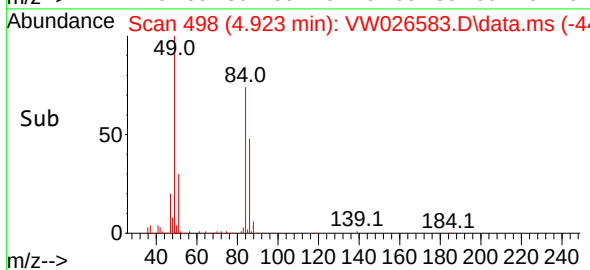
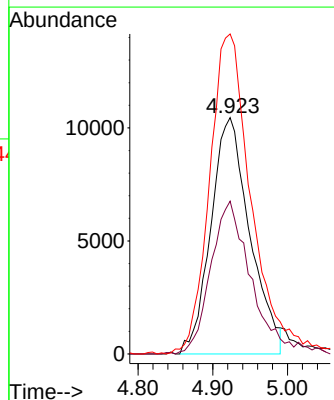
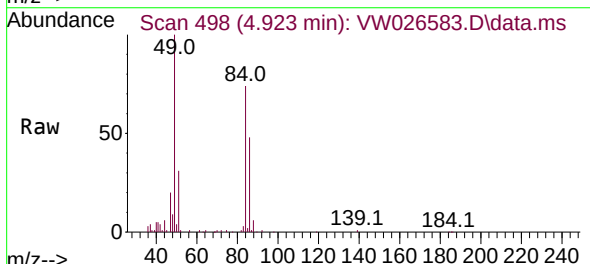
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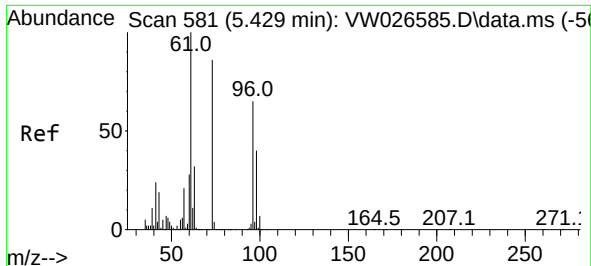
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Ion Ratio Lower Upper
43 100
74 37.6 16.3 24.5#



#16
Methylene chloride
Concen: 3.705 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

Tgt Ion: 84 Resp: 37953
Ion Ratio Lower Upper
84 100
86 64.6 43.8 81.3
49 135.4 99.2 184.2

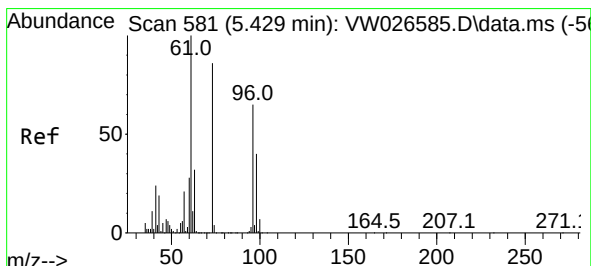
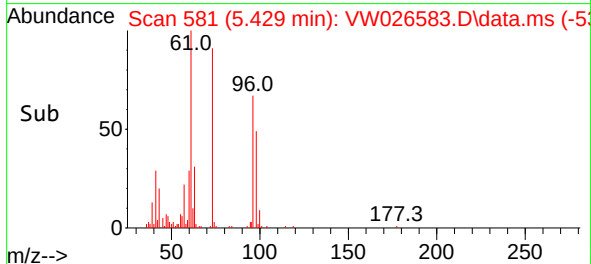
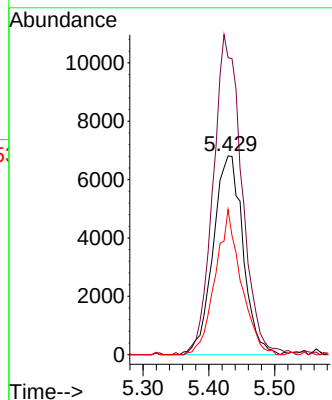
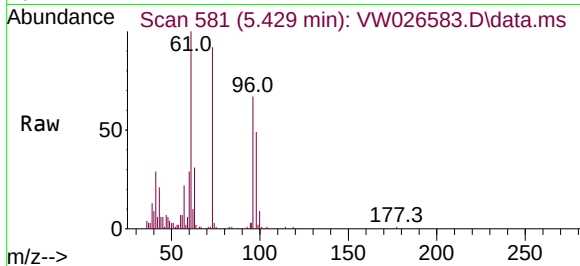




#17
trans-1,2-Dichloroethene
Concen: 2.574 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

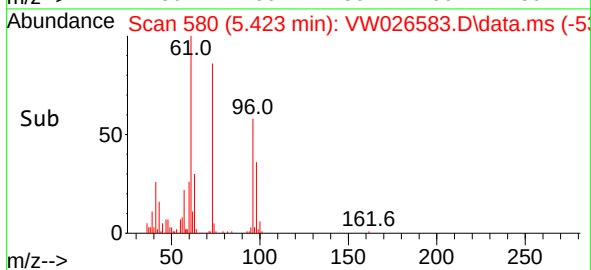
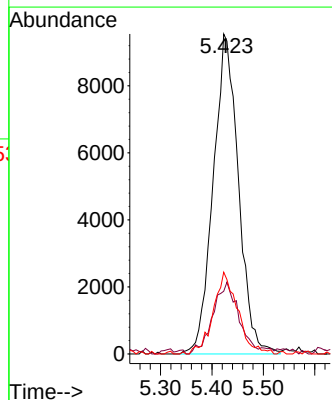
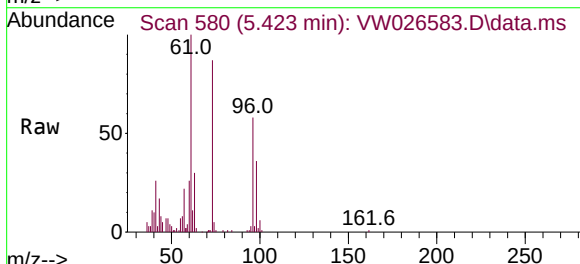
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5414

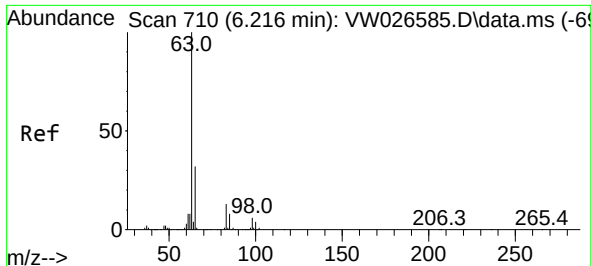
Tgt Ion:	96	Resp:	21451
Ion	Ratio	Lower	Upper
96	100		
61	149.5	108.1	200.9
98	73.1	43.4	80.6



#18
Methyl tert-butyl Ether
Concen: 2.495 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

Tgt Ion:	73	Resp:	32541
Ion	Ratio	Lower	Upper
73	100		
43	20.8	17.4	26.2
57	23.3	19.3	28.9





#19

1,1-Dichloroethane

Concen: 2.604 ug/L

RT: 6.228 min Scan# 711

Delta R.T. 0.012 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5414

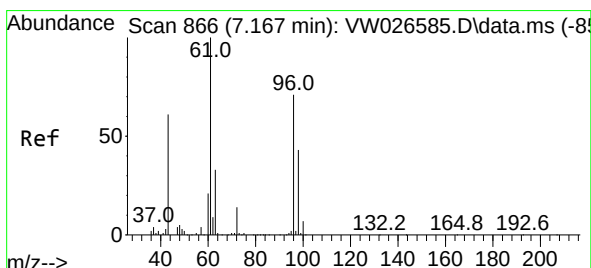
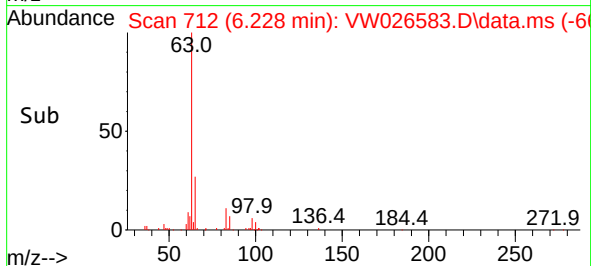
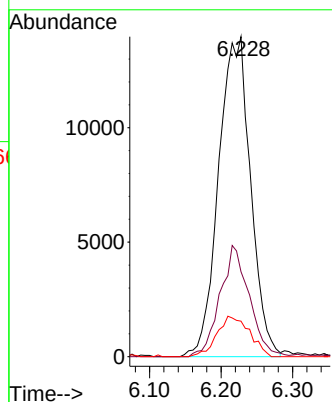
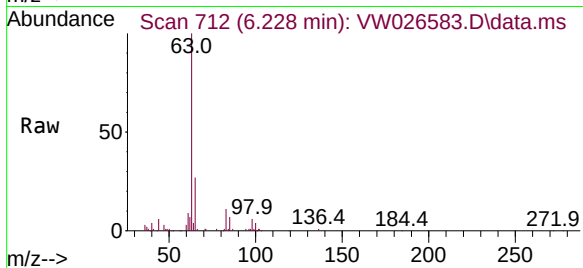
Tgt Ion: 63 Resp: 43380

Ion Ratio Lower Upper

63 100

65 26.6 22.3 41.5

83 11.1 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 2.495 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

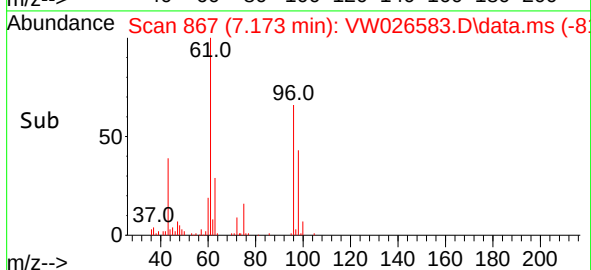
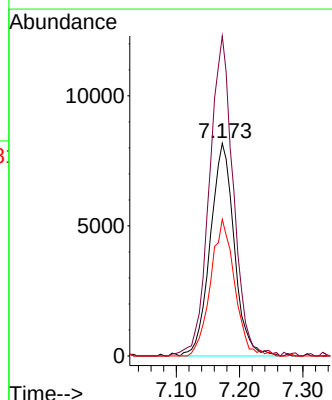
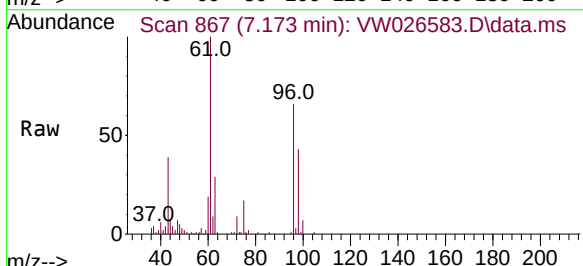
Tgt Ion: 96 Resp: 21526

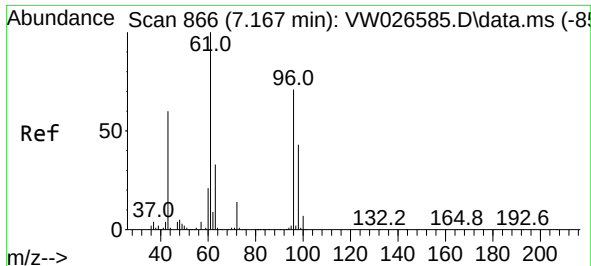
Ion Ratio Lower Upper

96 100

61 150.5 98.8 183.6

98 64.2 42.4 78.6

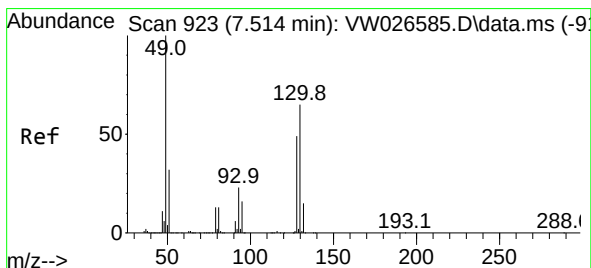
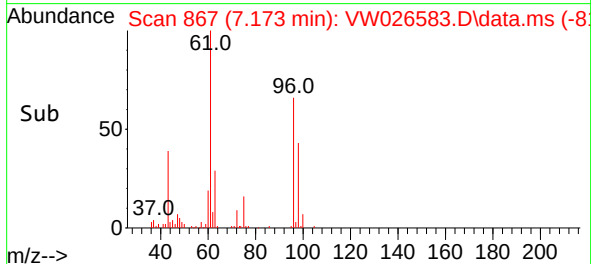
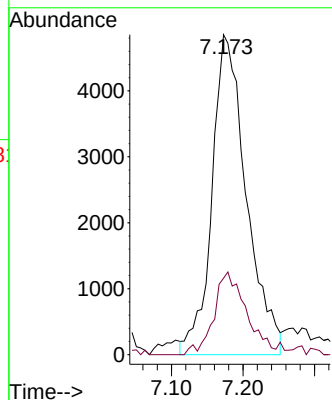
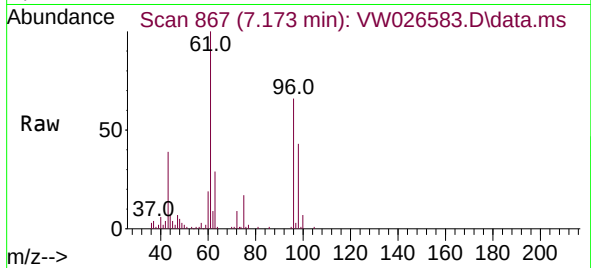




#22
2-Butanone
Concen: 4.661 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

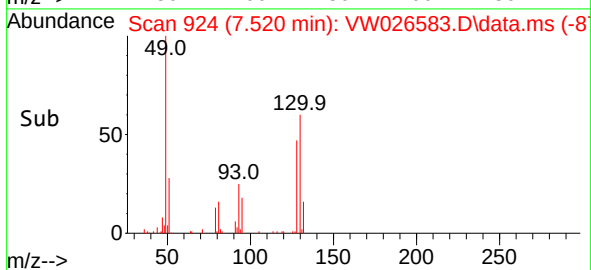
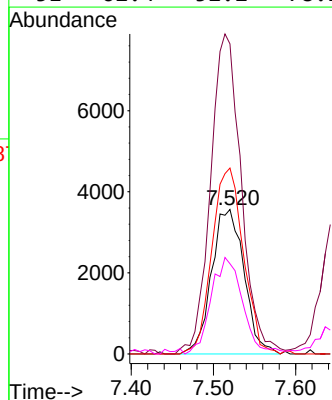
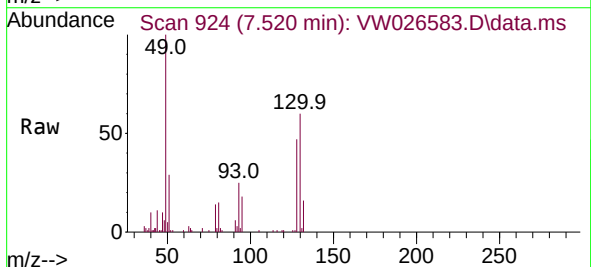
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5414

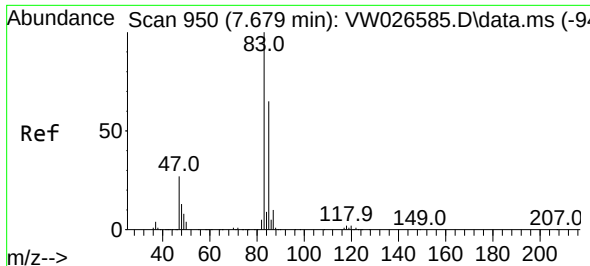
Tgt Ion: 43 Resp: 16180
Ion Ratio Lower Upper
43 100
72 23.7 11.9 35.5



#23
Bromochloromethane
Concen: 2.645 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

Tgt Ion: 128 Resp: 9775
Ion Ratio Lower Upper
128 100
49 214.5 142.1 263.9
130 128.7 92.9 172.5
51 62.4 52.2 78.2

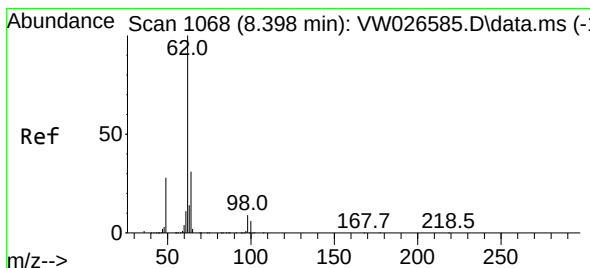
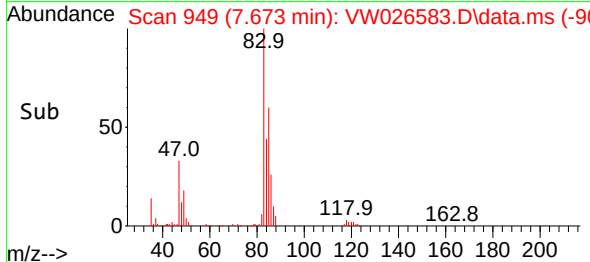
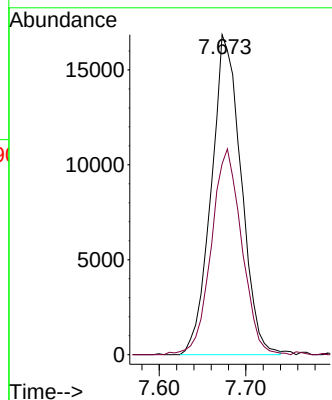
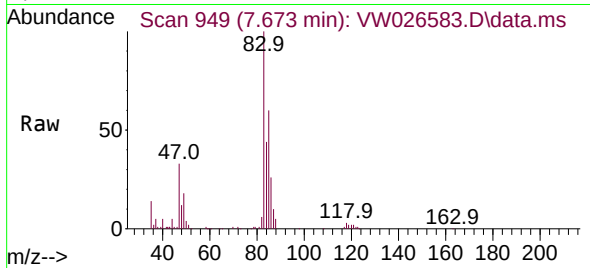




#25
Chloroform
Concen: 2.642 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

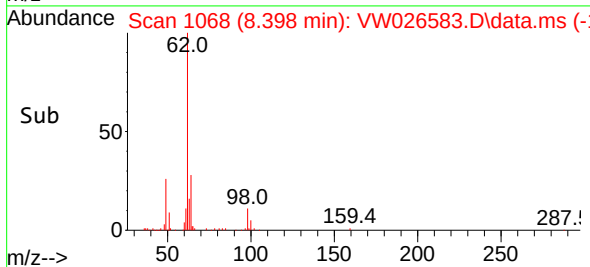
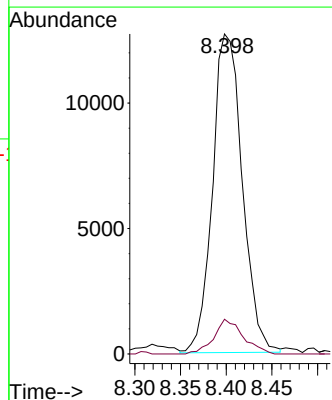
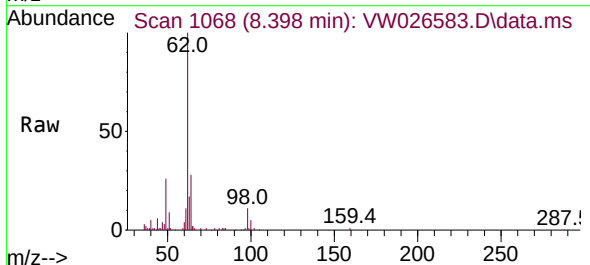
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5414

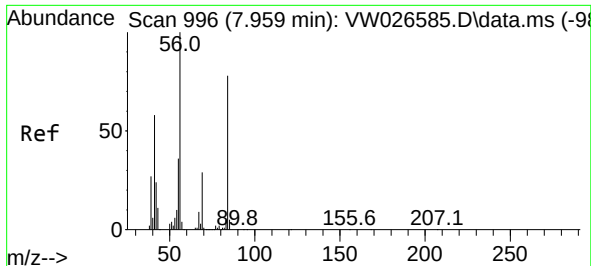
Tgt Ion: 83 Resp: 40325
Ion Ratio Lower Upper
83 100
85 59.6 45.7 84.9



#27
1,2-Dichloroethane
Concen: 2.677 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

Tgt Ion: 62 Resp: 28772
Ion Ratio Lower Upper
62 100
98 10.9 6.7 10.1#





#29

Cyclohexane

Concen: 2.191 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5414

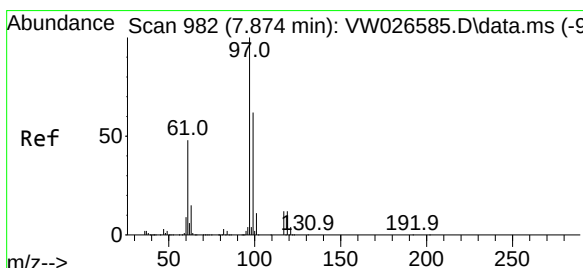
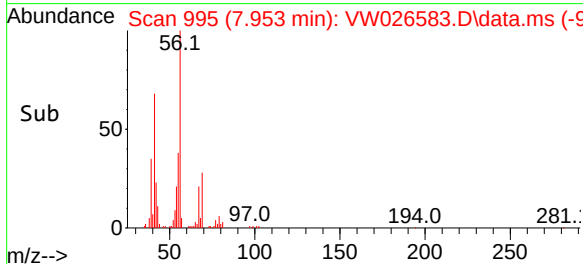
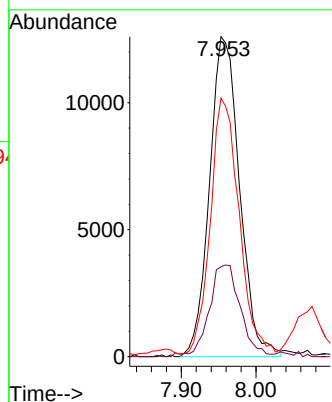
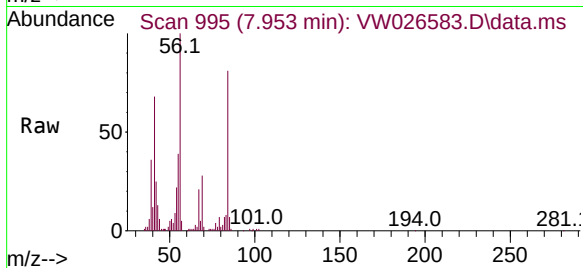
Tgt Ion: 56 Resp: 35235

Ion Ratio Lower Upper

56 100

69 29.0 23.4 35.0

84 76.2 62.6 94.0



#30

1,1,1-Trichloroethane

Concen: 2.502 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

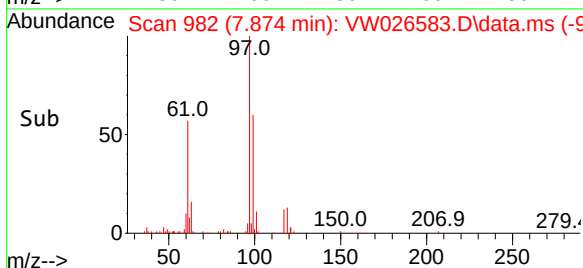
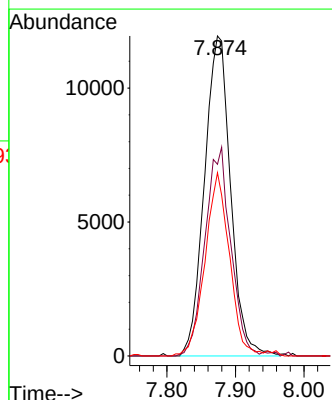
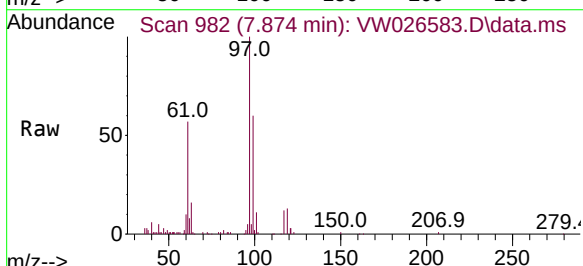
Tgt Ion: 97 Resp: 31685

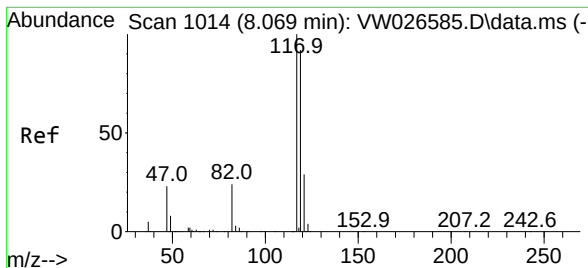
Ion Ratio Lower Upper

97 100

99 64.1 49.9 74.9

61 53.5 39.8 59.8





#31

Carbon tetrachloride

Concen: 2.572 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

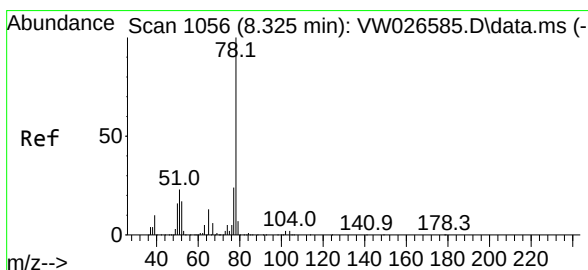
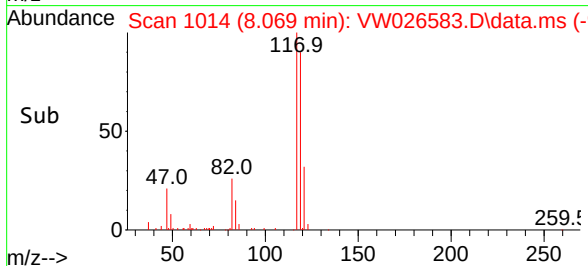
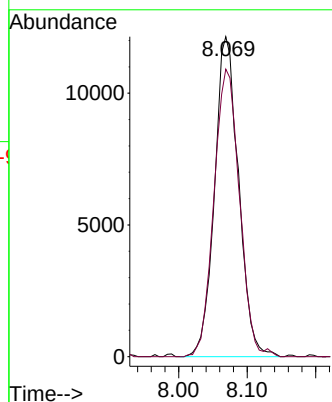
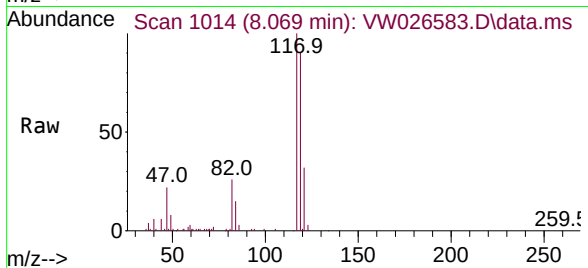
VSTD2.5414

Tgt Ion:117 Resp: 29557

Ion Ratio Lower Upper

117 100

119 95.0 77.1 115.7



#33

Benzene

Concen: 2.499 ug/L

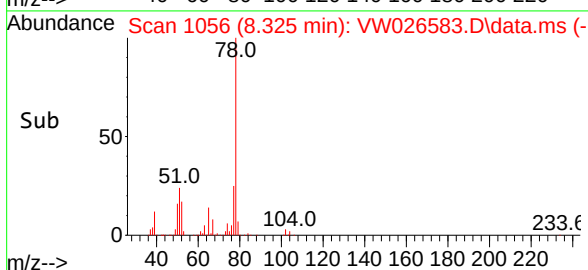
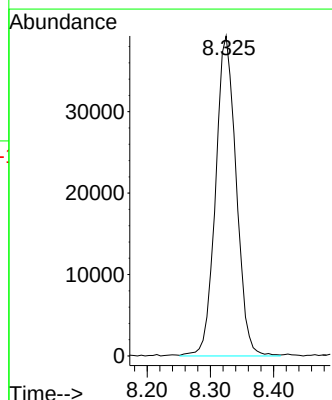
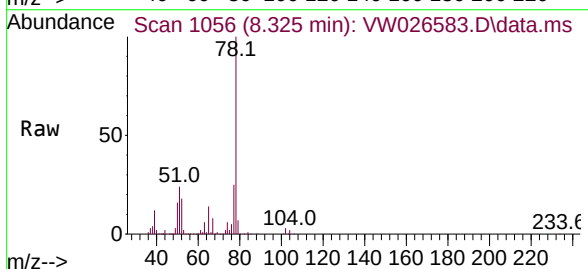
RT: 8.325 min Scan# 1056

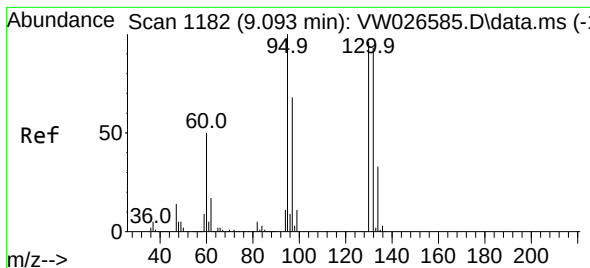
Delta R.T. -0.000 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

Tgt Ion: 78 Resp: 88966





#34

Trichloroethene

Concen: 2.509 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5414

Tgt Ion: 95 Resp: 22940

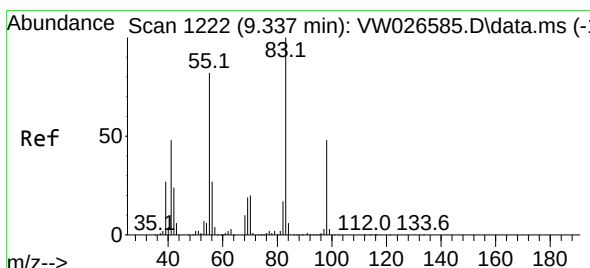
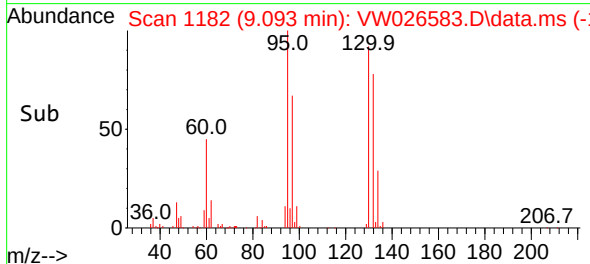
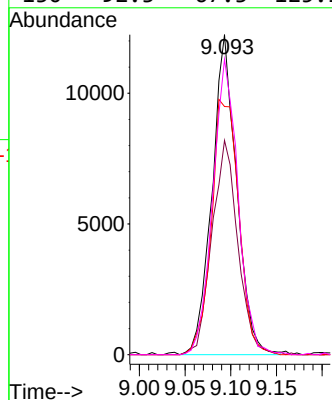
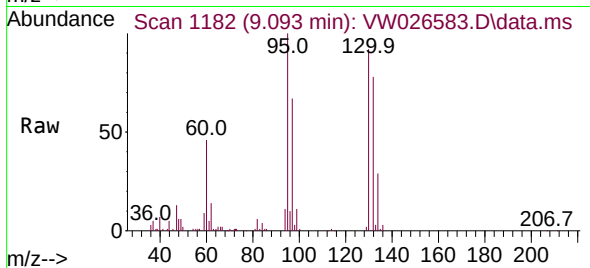
Ion Ratio Lower Upper

95 100

97 67.0 47.9 88.9

132 77.5 65.0 120.8

130 92.3 67.3 125.1



#35

Methylcyclohexane

Concen: 2.318 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

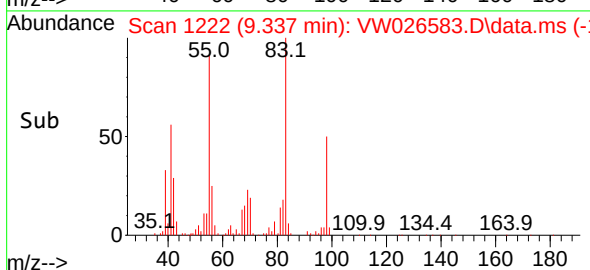
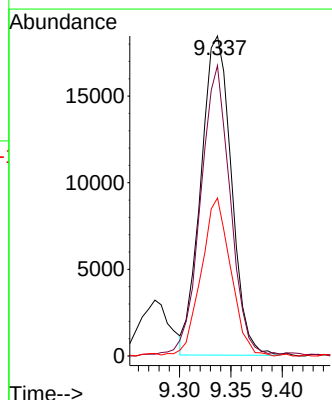
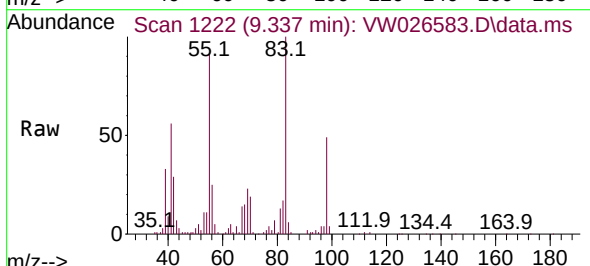
Tgt Ion: 83 Resp: 38064

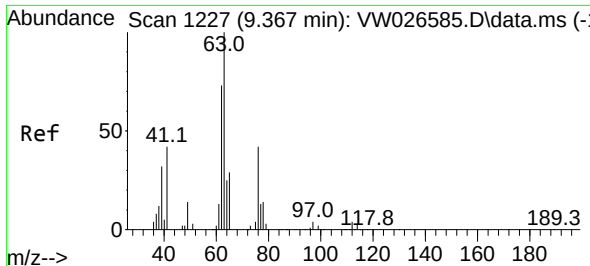
Ion Ratio Lower Upper

83 100

55 88.9 68.7 103.1

98 47.9 37.3 55.9





#37

1,2-Dichloropropane

Concen: 2.600 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

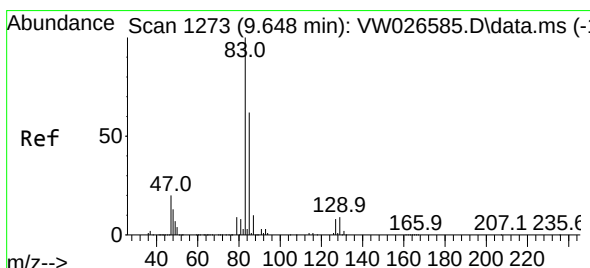
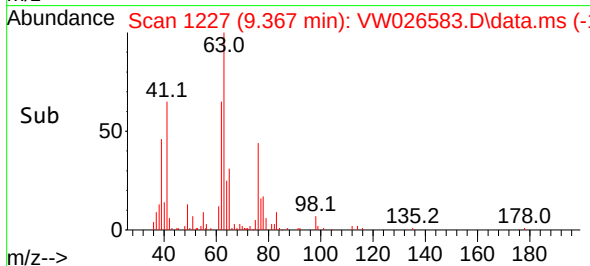
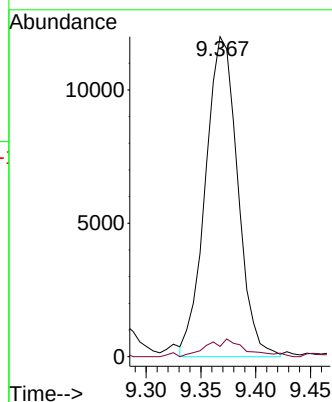
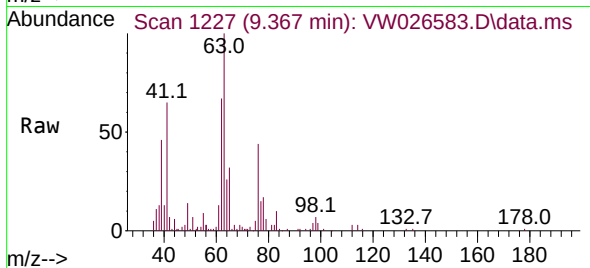
VSTD2.5414

Tgt Ion: 63 Resp: 24578

Ion Ratio Lower Upper

63 100

112 2.8 3.4 5.2#



#38

Bromodichloromethane

Concen: 2.517 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

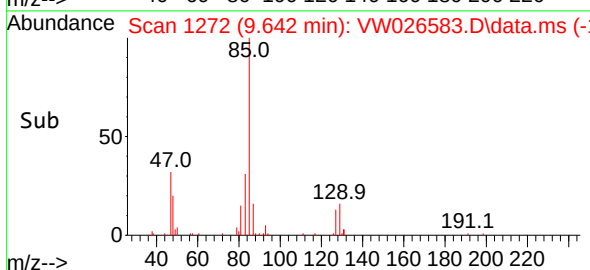
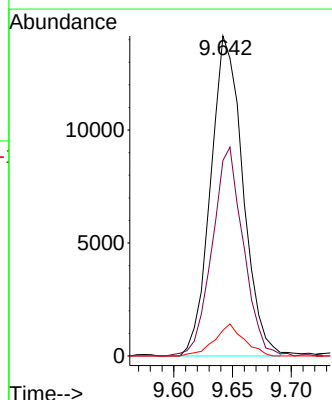
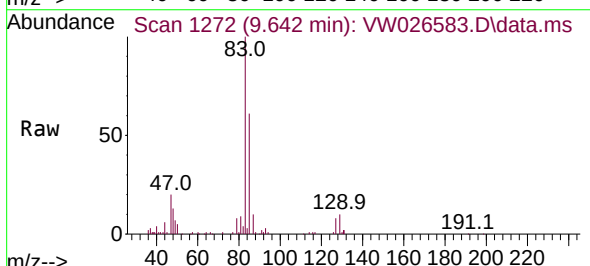
Tgt Ion: 83 Resp: 27028

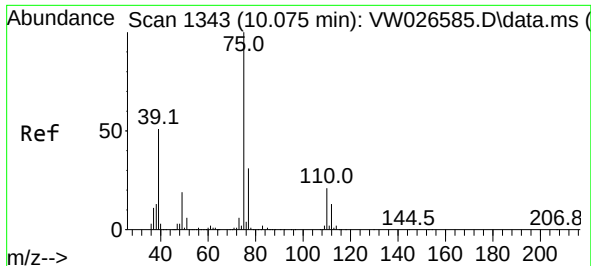
Ion Ratio Lower Upper

83 100

85 61.1 43.3 80.3

127 8.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 2.236 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

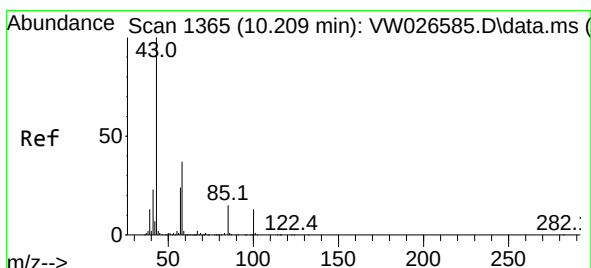
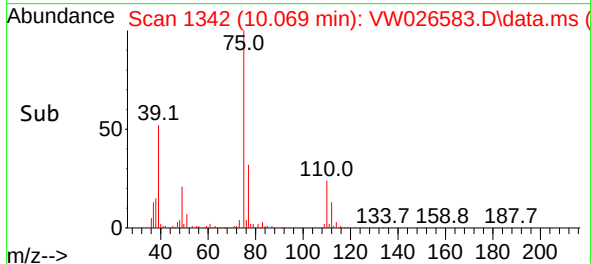
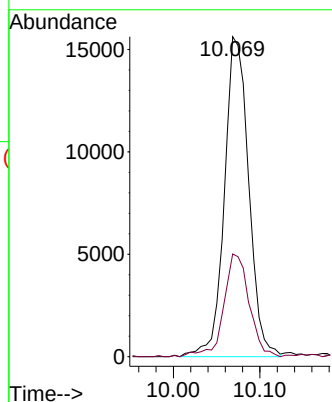
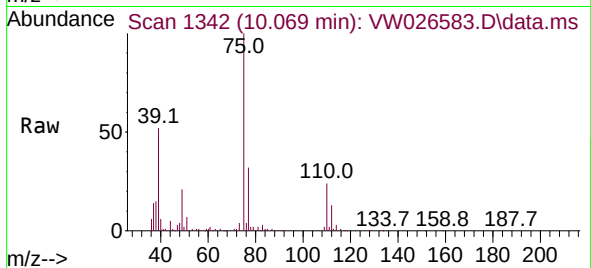
VSTD2.5414

Tgt Ion: 75 Resp: 30425

Ion Ratio Lower Upper

75 100

77 32.1 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 4.352 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

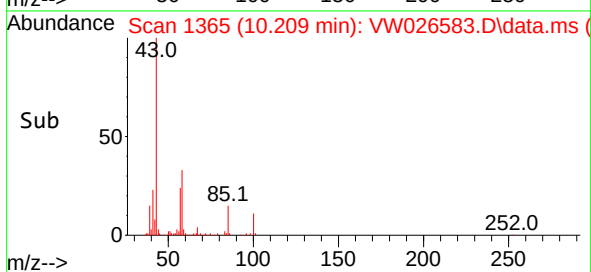
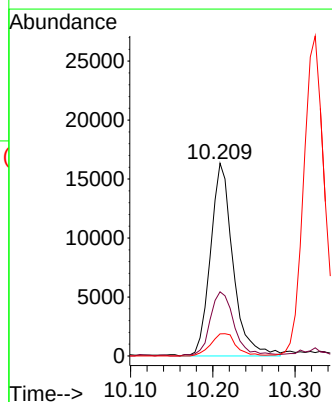
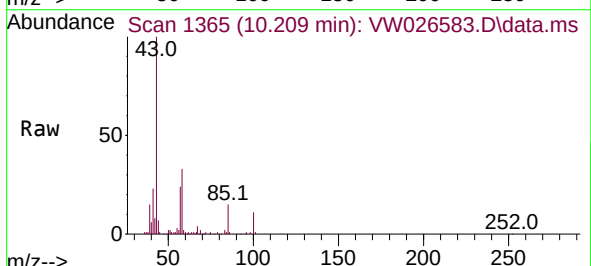
Tgt Ion: 43 Resp: 31050

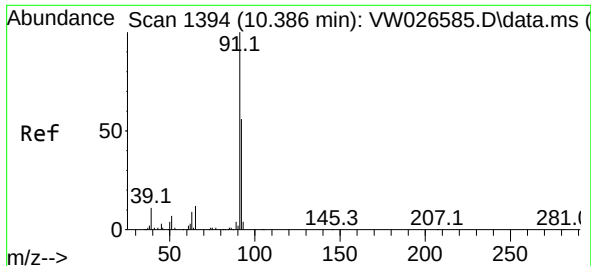
Ion Ratio Lower Upper

43 100

58 33.1 29.8 44.8

100 13.0 10.7 16.1

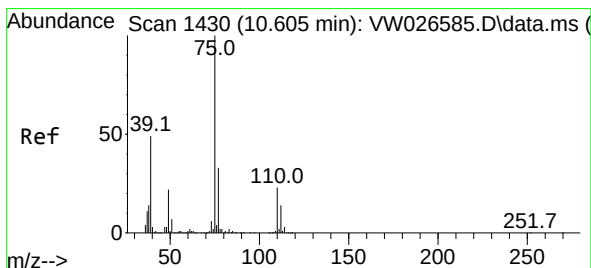
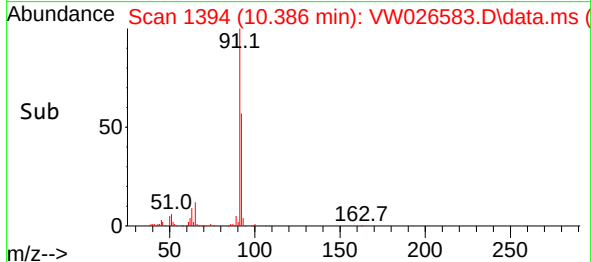
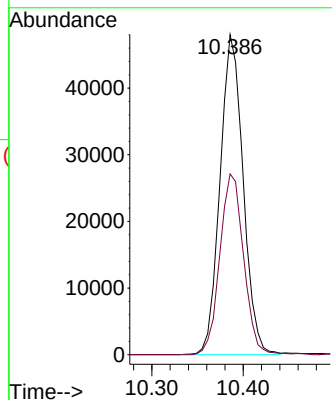
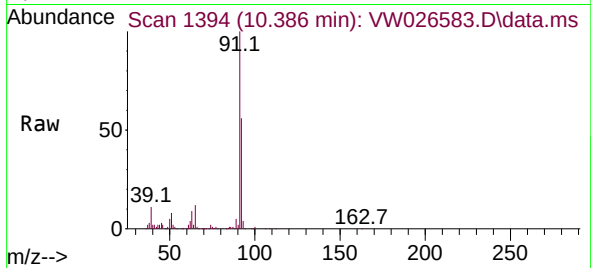




#42
Toluene
Concen: 2.349 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

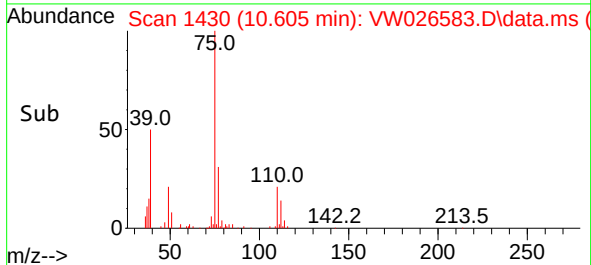
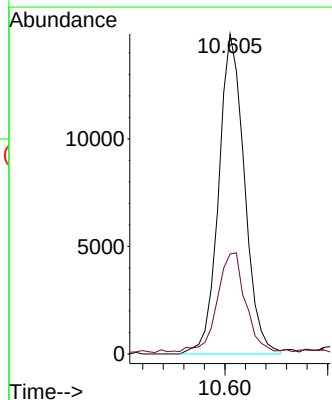
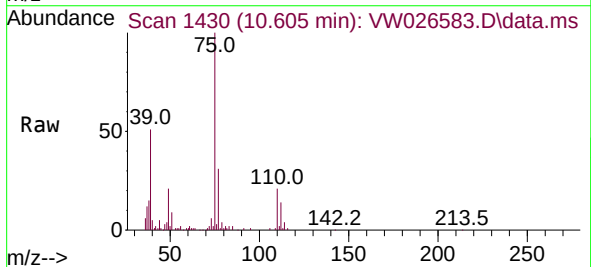
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5414

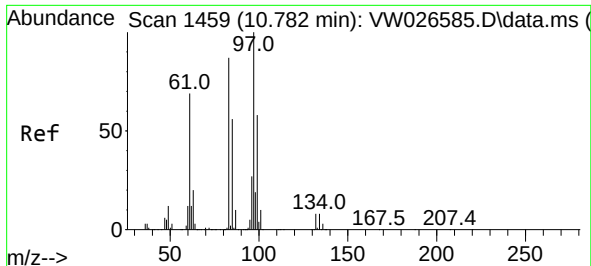
Tgt Ion: 91 Resp: 84440
Ion Ratio Lower Upper
91 100
92 56.5 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 2.253 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

Tgt Ion: 75 Resp: 25864
Ion Ratio Lower Upper
75 100
77 31.3 23.0 42.6

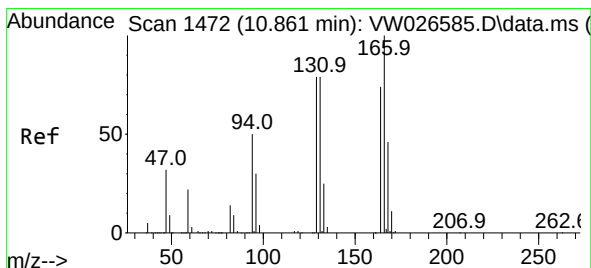
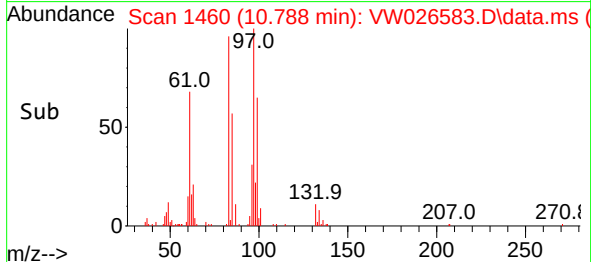
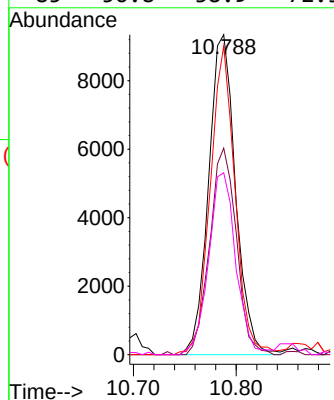
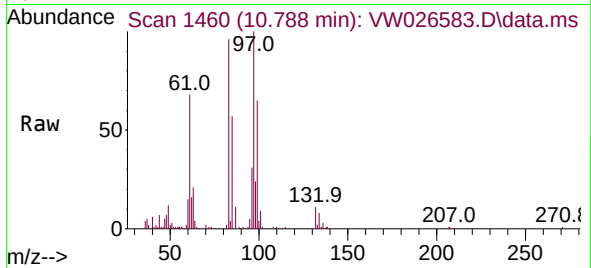




#45
1,1,2-Trichloroethane
Concen: 2.580 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

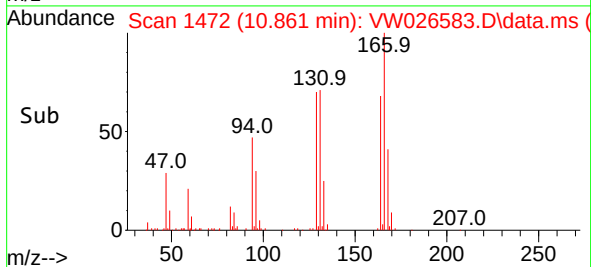
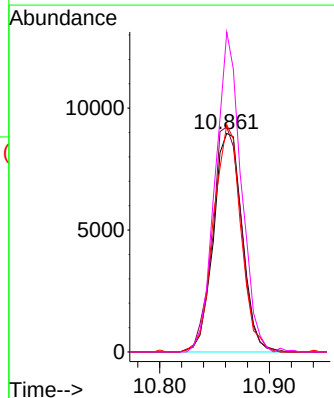
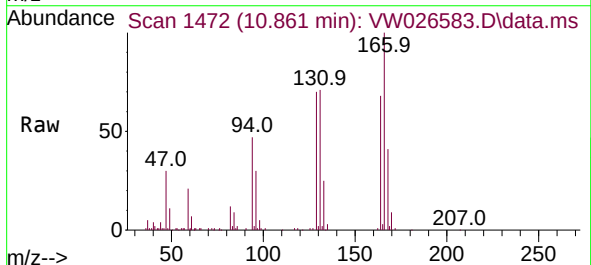
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5414

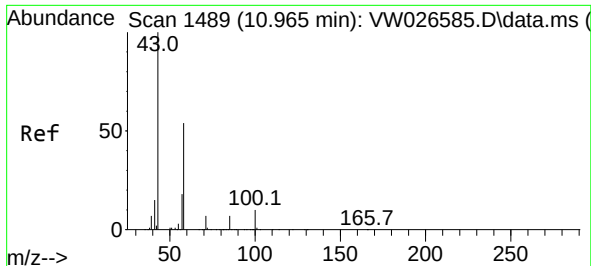
Tgt Ion: 97	Resp: 17024
Ion Ratio	Lower Upper
97 100	
99 64.6	40.5 75.3
83 96.4	61.0 113.2
85 56.8	38.9 72.3



#46
Tetrachloroethene
Concen: 2.517 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

Tgt	Ion:164	Resp:	16341
Ion	Ratio	Lower	Upper
164	100		
129	103.0	75.5	140.1
131	104.0	74.8	138.8
166	146.5	95.1	176.5

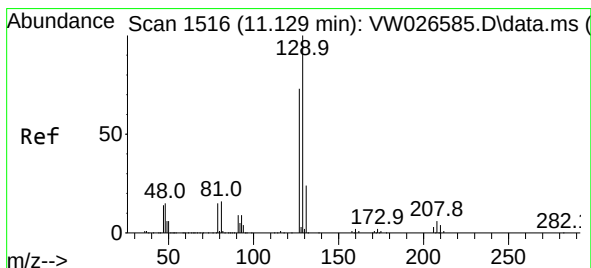
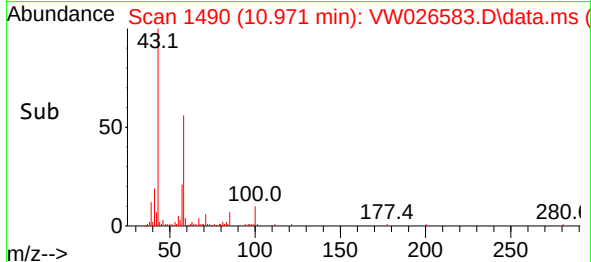
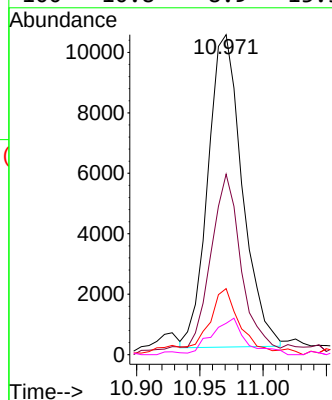
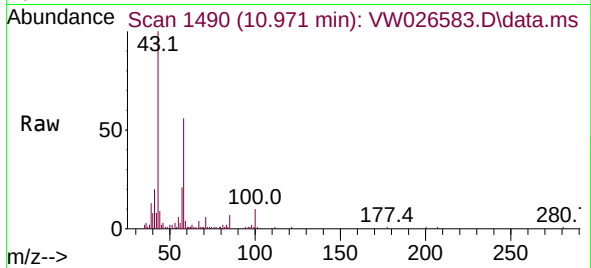




#48
2-Hexanone
Concen: 3.924 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

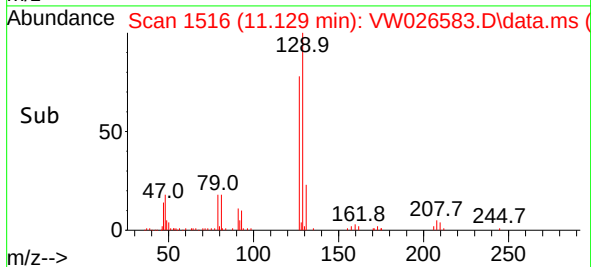
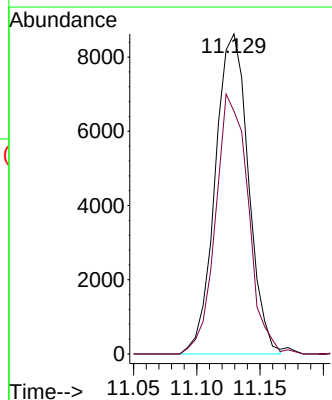
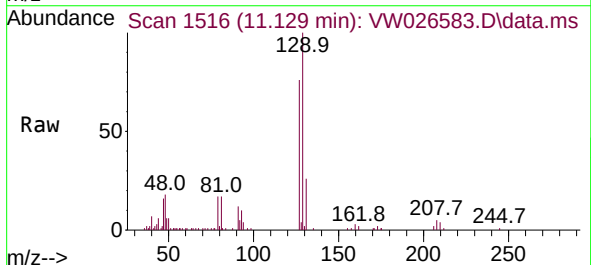
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5414

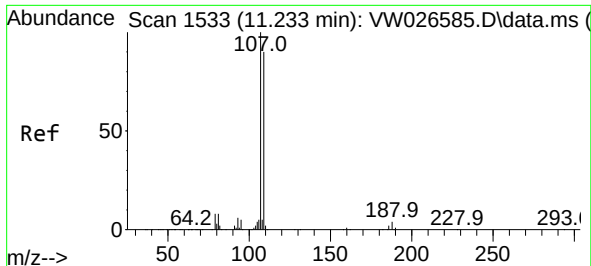
Tgt Ion:	43	Resp:	19539
Ion	Ratio	Lower	Upper
43	100		
58	51.7	42.1	63.1
57	19.1	14.8	22.2
100	10.8	8.9	13.3



#49
Dibromochloromethane
Concen: 2.412 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

Tgt Ion:	129	Resp:	15758
Ion	Ratio	Lower	Upper
129	100		
127	75.9	51.2	95.2

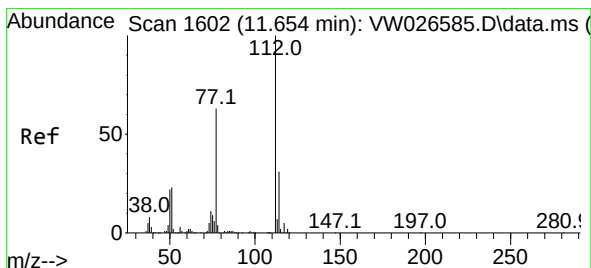
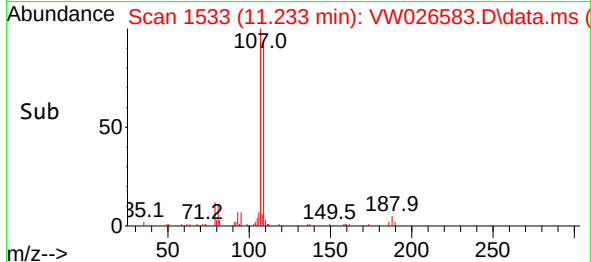
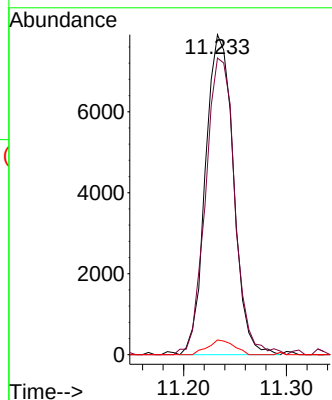
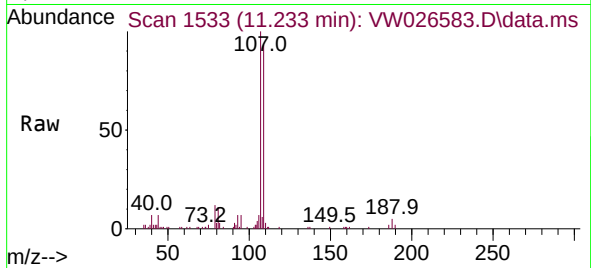




#50
1,2-Dibromoethane
Concen: 2.402 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

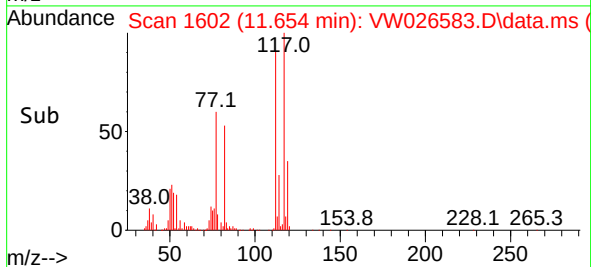
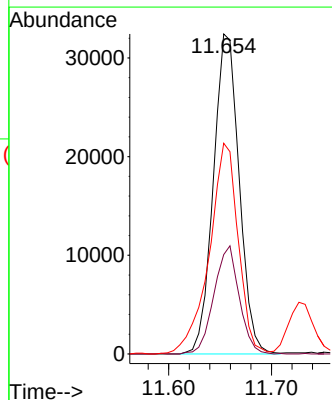
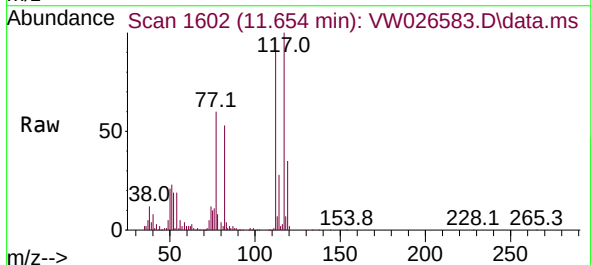
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5414

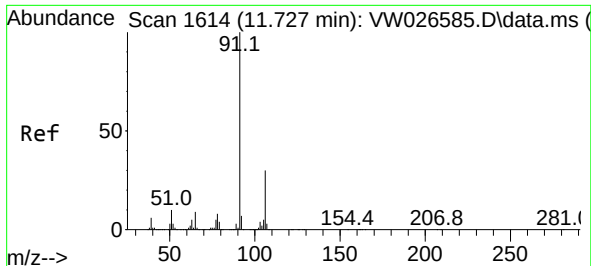
Tgt Ion:107 Resp: 14936
Ion Ratio Lower Upper
107 100
109 92.7 62.9 116.7
188 4.6 2.8 4.2#



#51
Chlorobenzene
Concen: 2.568 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

Tgt Ion:112 Resp: 56592
Ion Ratio Lower Upper
112 100
114 31.0 21.6 40.2
77 65.9 50.3 75.5

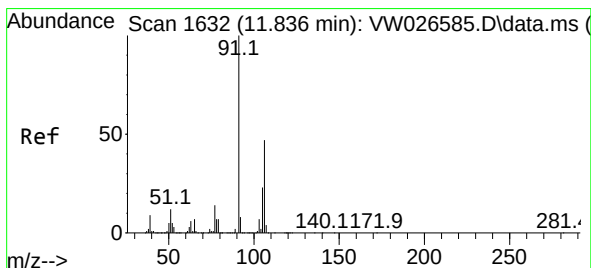
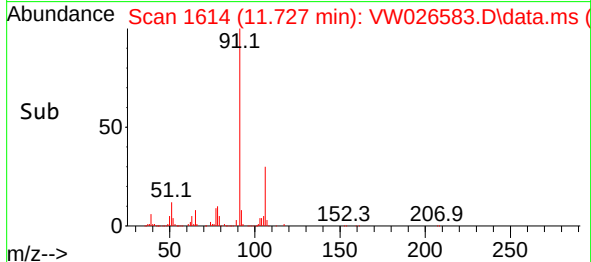
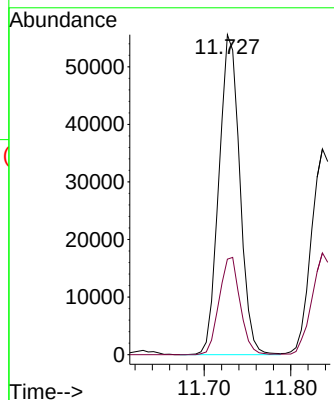
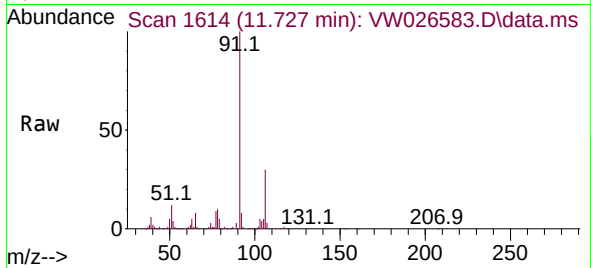




#52
Ethylbenzene
Concen: 2.328 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

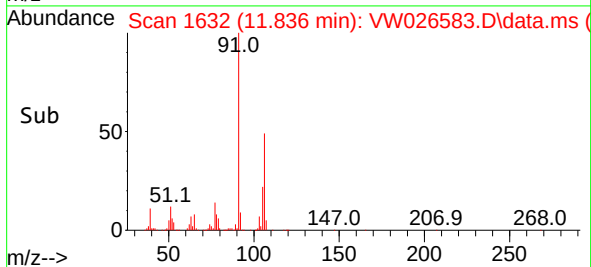
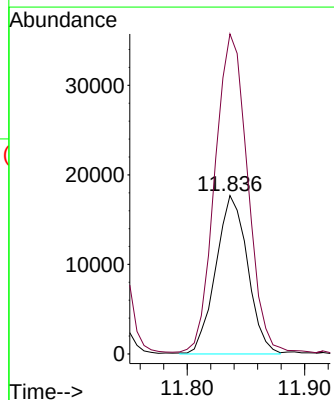
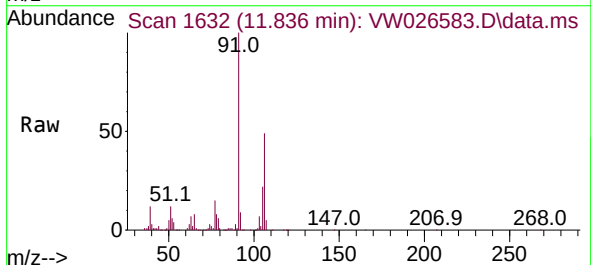
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5414

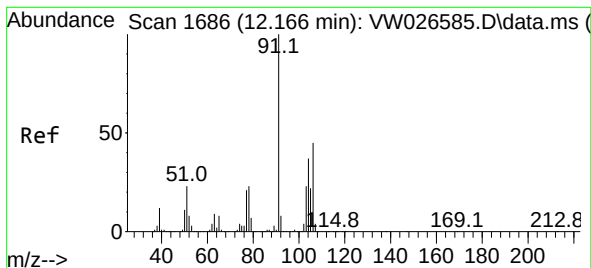
Tgt Ion: 91 Resp: 93172
Ion Ratio Lower Upper
91 100
106 29.9 20.8 38.6



#53
m,p-Xylene
Concen: 2.288 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

Tgt Ion: 106 Resp: 33311
Ion Ratio Lower Upper
106 100
91 202.0 150.3 279.1





#54

o-Xylene

Concen: 2.238 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

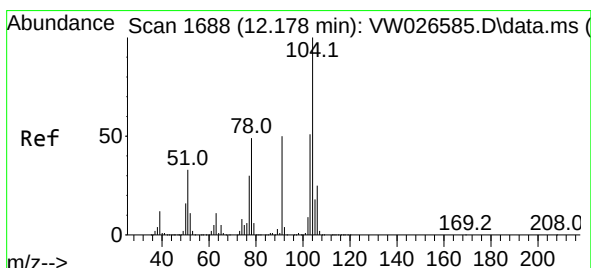
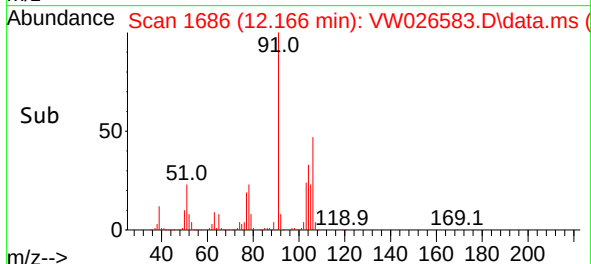
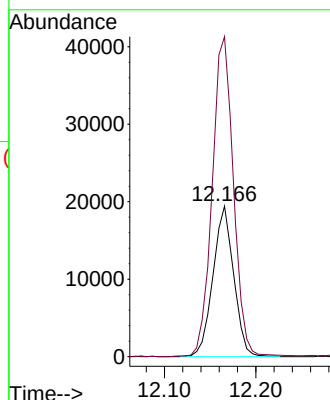
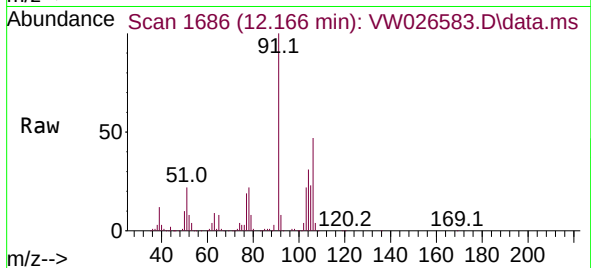
VSTD2.5414

Tgt Ion:106 Resp: 30586

Ion Ratio Lower Upper

106 100

91 212.6 154.3 286.5



#55

Styrene

Concen: 2.177 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW026583.D

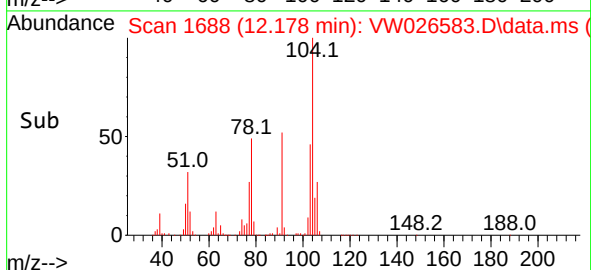
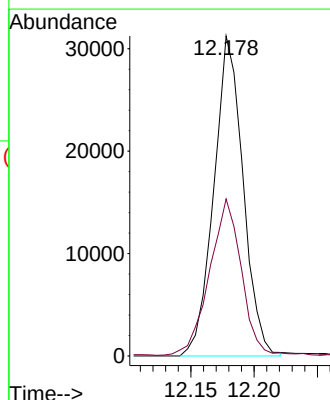
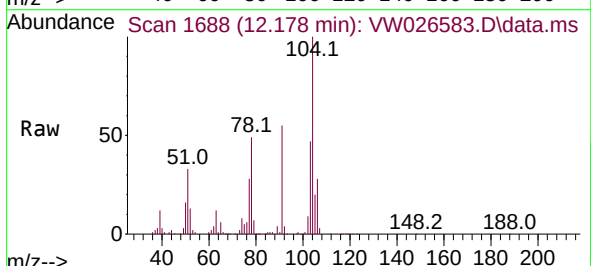
Acq: 11 Jul 2023 08:36

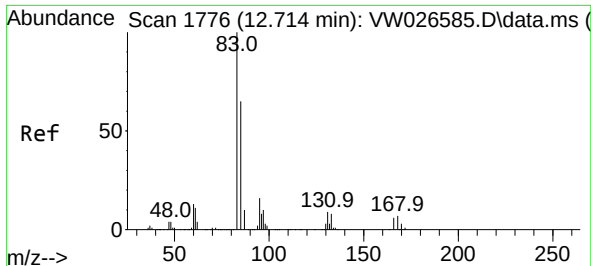
Tgt Ion:104 Resp: 50178

Ion Ratio Lower Upper

104 100

78 49.0 34.6 64.2





#57

1,1,2,2-Tetrachloroethane

Concen: 2.469 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5414

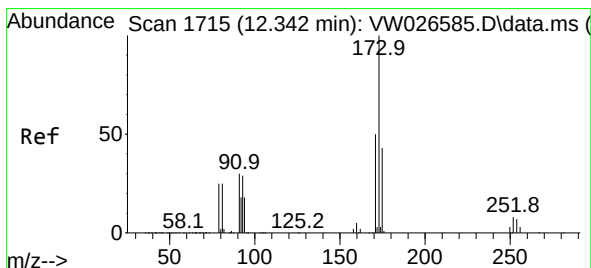
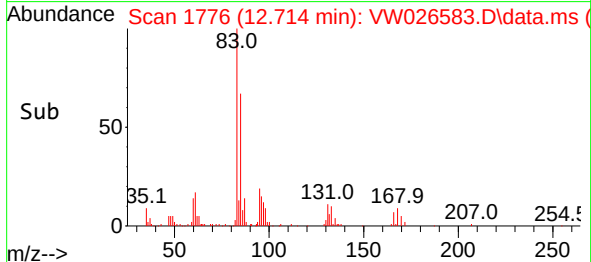
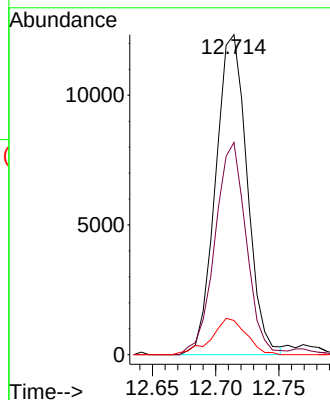
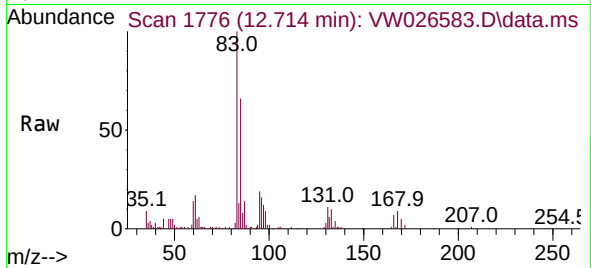
Tgt Ion: 83 Resp: 21377

Ion Ratio Lower Upper

83 100

85 66.3 46.2 85.8

131 10.7 7.2 10.8



#59

Bromoform

Concen: 2.282 ug/L

RT: 12.355 min Scan# 1717

Delta R.T. 0.012 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

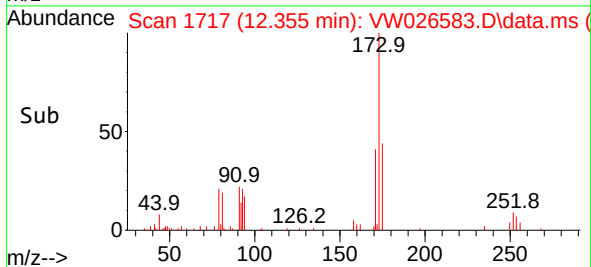
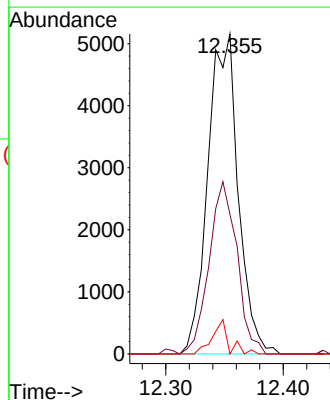
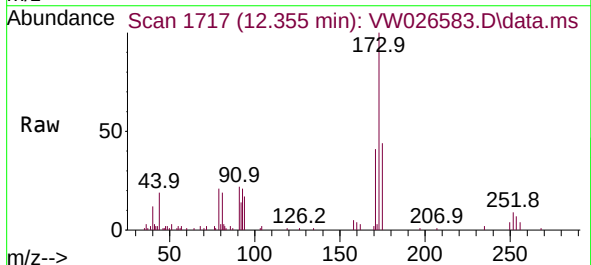
Tgt Ion: 173 Resp: 9234

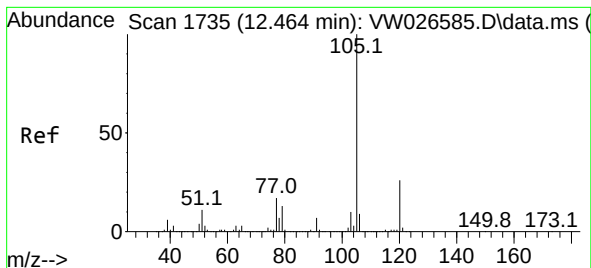
Ion Ratio Lower Upper

173 100

175 49.6 36.6 54.8

254 4.7 7.8 11.6#

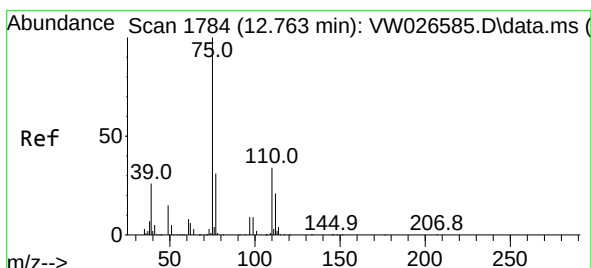
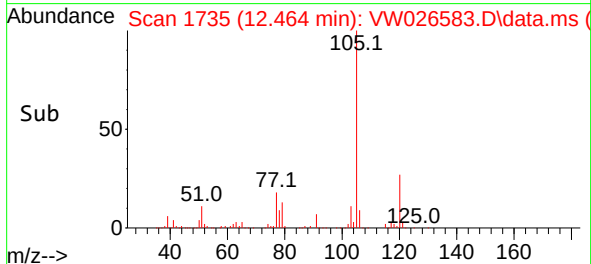
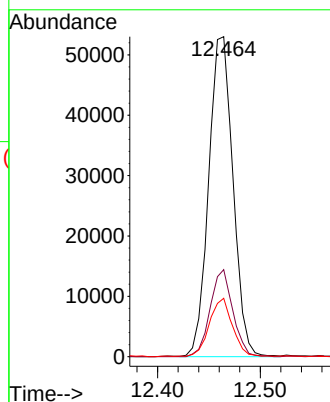
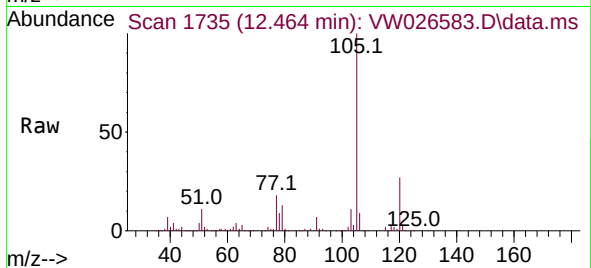




#60
Isopropylbenzene
Concen: 2.204 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

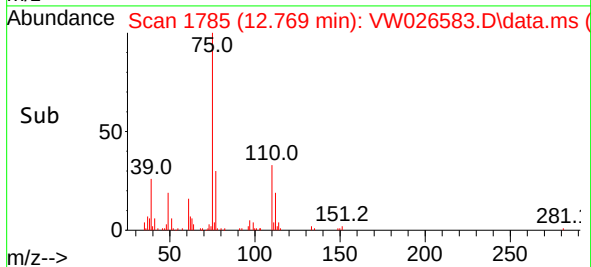
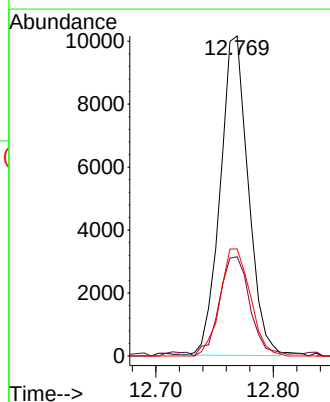
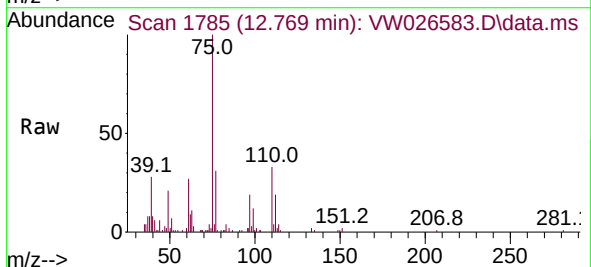
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5414

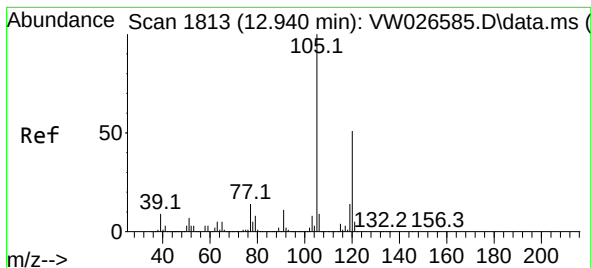
Tgt Ion:105 Resp: 87239
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7
77 17.3 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 2.432 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

Tgt Ion: 75 Resp: 16809
Ion Ratio Lower Upper
75 100
77 34.0 25.7 38.5
110 36.1 28.3 42.5

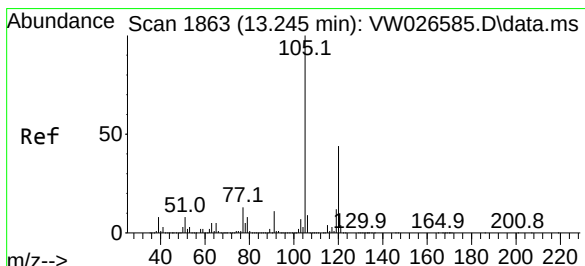
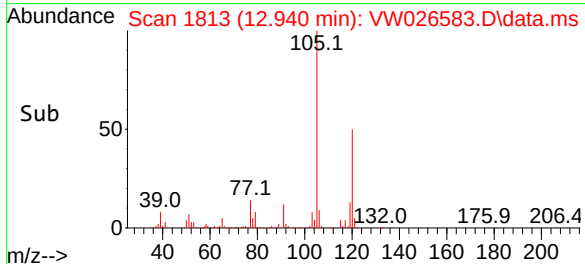
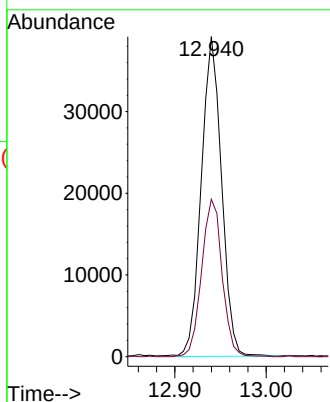
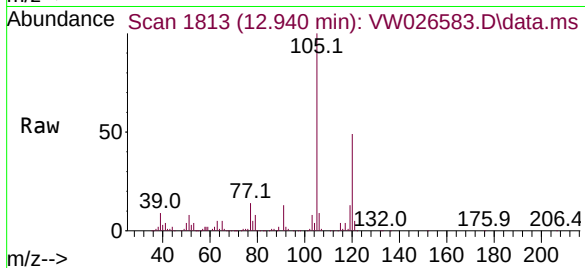




#62
1,3,5-Trimethylbenzene
Concen: 1.978 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

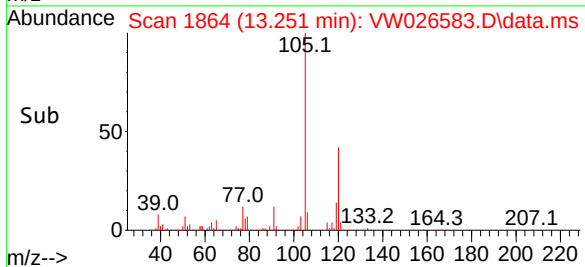
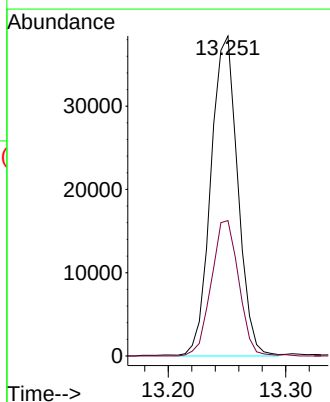
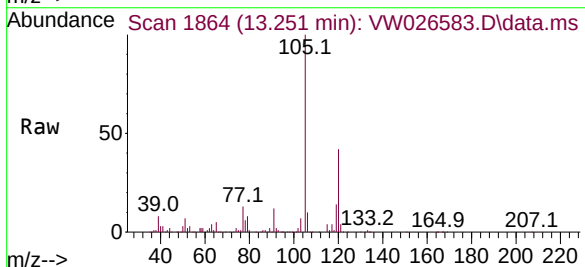
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5414

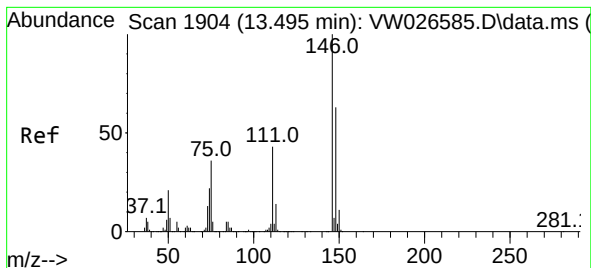
Tgt Ion:105 Resp: 60053
Ion Ratio Lower Upper
105 100
120 49.8 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 2.033 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

Tgt Ion:105 Resp: 61187
Ion Ratio Lower Upper
105 100
120 43.1 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 2.505 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5414

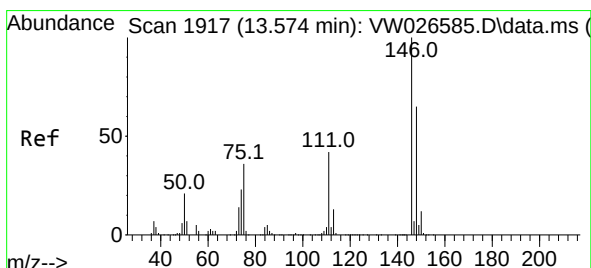
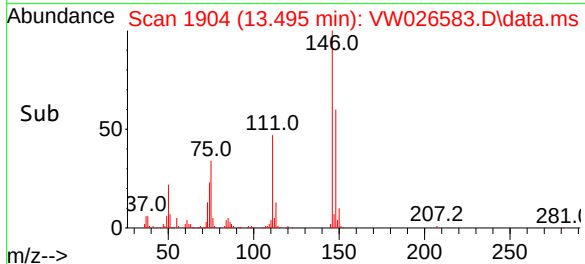
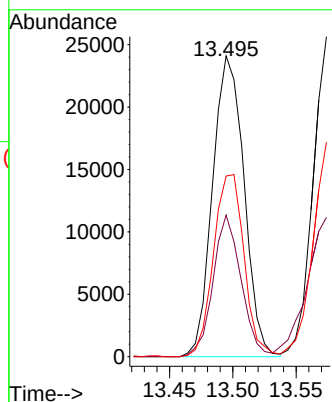
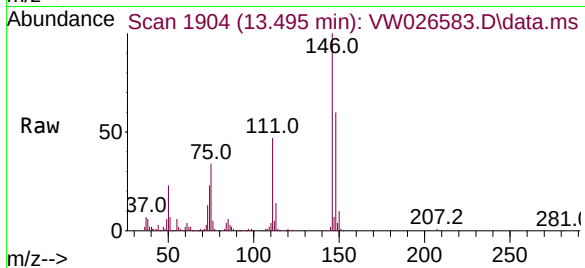
Tgt Ion:146 Resp: 41602

Ion Ratio Lower Upper

146 100

111 47.0 30.4 56.4

148 60.1 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 2.538 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

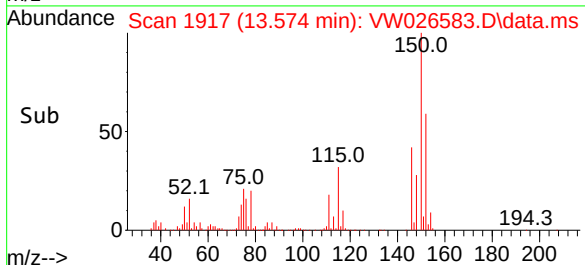
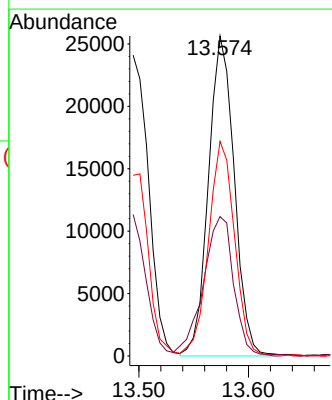
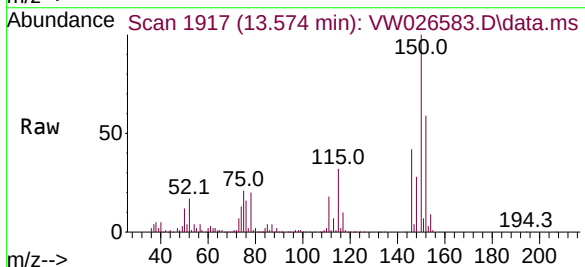
Tgt Ion:146 Resp: 42046

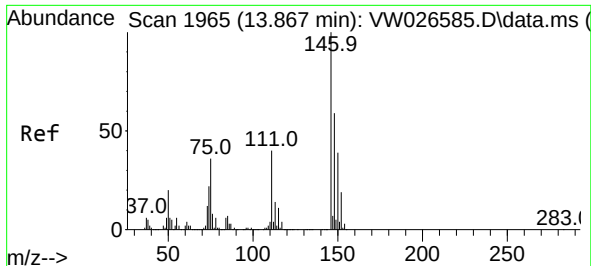
Ion Ratio Lower Upper

146 100

111 43.5 29.7 55.1

148 67.1 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 2.498 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5414

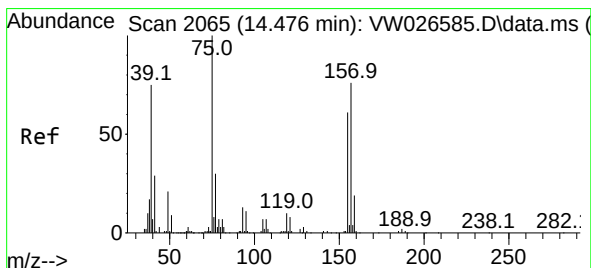
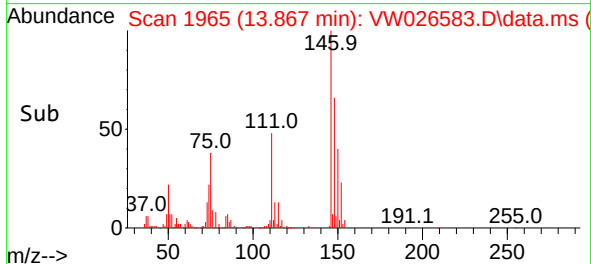
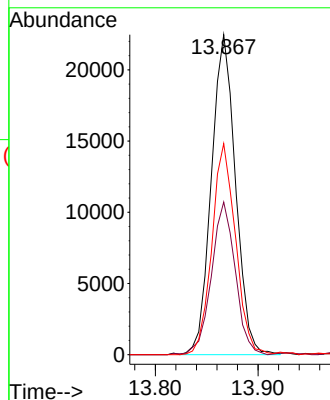
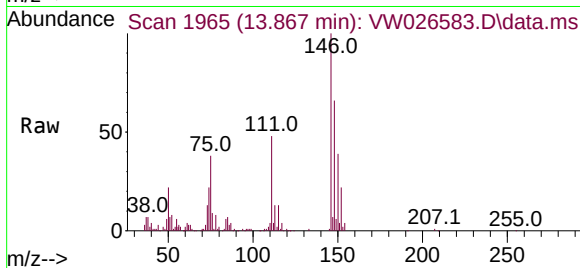
Tgt Ion:146 Resp: 36717

Ion Ratio Lower Upper

146 100

111 47.7 31.8 47.8

148 66.0 46.9 70.3



#68

1,2-Dibromo-3-chloropropane

Concen: 2.539 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

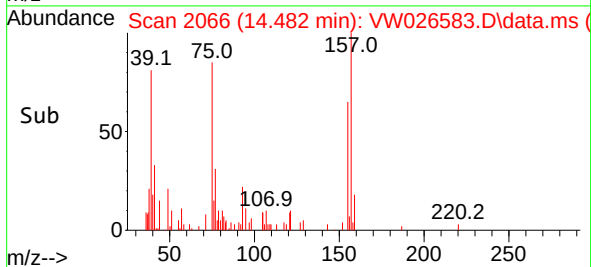
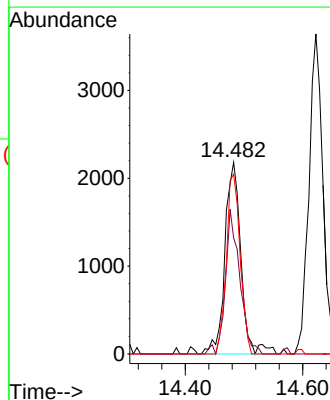
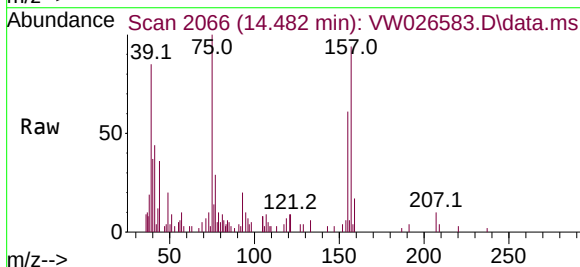
Tgt Ion: 75 Resp: 4177

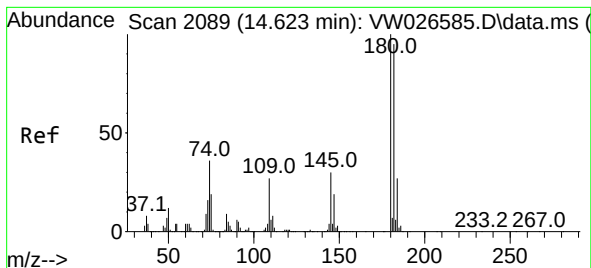
Ion Ratio Lower Upper

75 100

155 60.5 49.1 73.7

157 93.8 60.6 90.8#





#69

1,3,5-Trichlorobenzene

Concen: 2.594 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5414

Tgt Ion:180 Resp: 28510

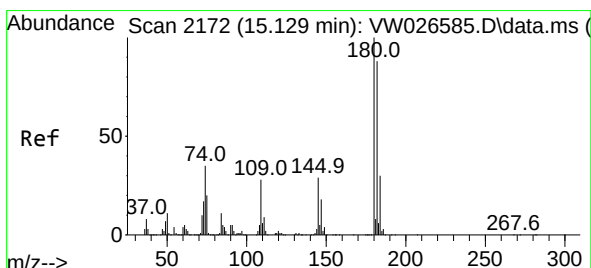
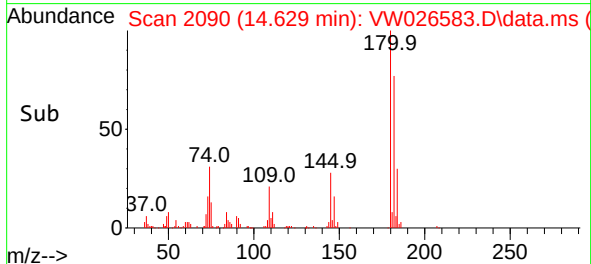
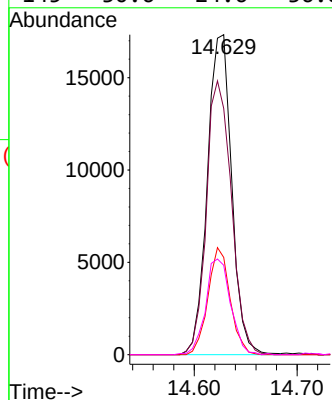
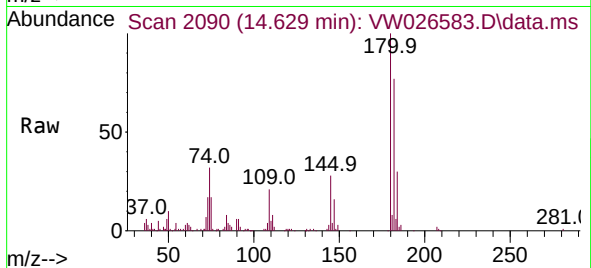
Ion Ratio Lower Upper

180 100

182 88.0 75.8 113.6

184 30.4 23.7 35.5

145 30.6 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 2.431 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026583.D

Acq: 11 Jul 2023 08:36

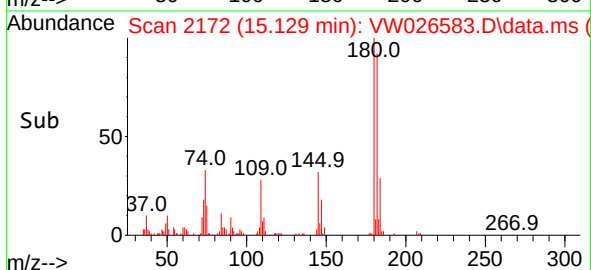
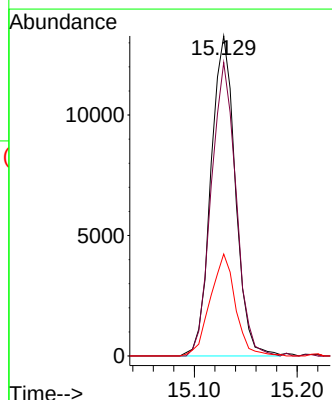
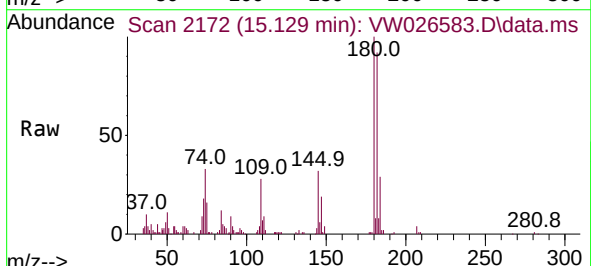
Tgt Ion:180 Resp: 21927

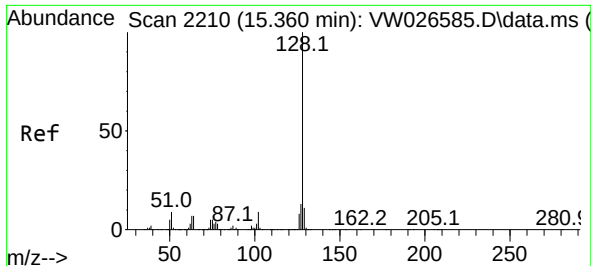
Ion Ratio Lower Upper

180 100

182 92.9 73.5 110.3

145 32.8 25.0 37.6

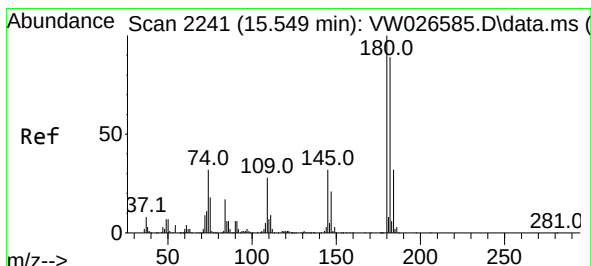
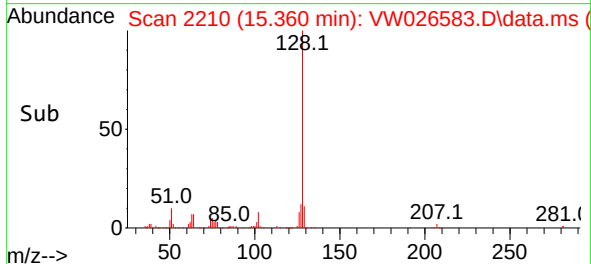
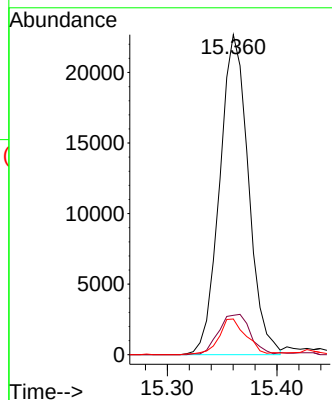
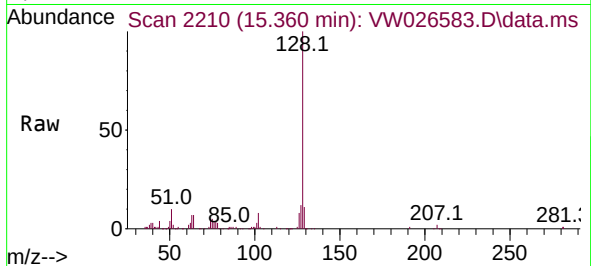




#71
Naphthalene
Concen: 2.026 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5414

Tgt Ion:128 Resp: 41391
Ion Ratio Lower Upper
128 100
127 13.9 10.6 16.0
129 10.5 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 2.435 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026583.D
Acq: 11 Jul 2023 08:36

Tgt Ion:180 Resp: 20681
Ion Ratio Lower Upper
180 100
182 98.6 75.2 112.8
145 37.8 26.6 40.0

