

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071123\
 Data File : VW026584.D
 Acq On : 11 Jul 2023 09:00
 Operator : SY/MD
 Sample : VSTD00515
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005415

Quant Time: Jul 12 06:32:59 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	583484	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	512405	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	248449	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	51863	5.269	ug/L	0.00
7) Chloroethane-d5	2.899	69	37597	5.444	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	24494	5.299	ug/L	0.00
21) 2-Butanone-d5	7.088	46	27550	8.697	ug/L	0.01
24) Chloroform-d	7.648	84	87054	5.182	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	48174	5.136	ug/L	0.00
32) Benzene-d6	8.276	84	178175	5.065	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	54536	5.042	ug/L	0.00
41) Toluene-d8	10.325	98	152005	5.038	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	20093	4.634	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	16247	7.698	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	45068	4.920	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	46278	5.073	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	33300	4.907	ug/L #	87
3) Chloromethane	2.216	50	51731	5.501	ug/L	99
5) Vinyl chloride	2.375	62	56143	5.665	ug/L	96
6) Bromomethane	2.783	94	29384	5.577	ug/L	96
8) Chloroethane	2.930	64	30624	5.526	ug/L	98
9) Trichlorofluoromethane	3.265	101	38049	5.183	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	43413	5.380	ug/L	93
12) 1,1-Dichloroethene	4.039	96	41915	5.362	ug/L	93
13) Acetone	4.131	43	20545	8.979	ug/L	94
14) Carbon disulfide	4.393	76	147412	5.380	ug/L	100
15) Methyl Acetate	4.679	43	26967	4.950	ug/L #	82
16) Methylene chloride	4.917	84	33444	3.255	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	43747	5.234	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	67650	5.172	ug/L	100
19) 1,1-Dichloroethane	6.222	63	91098	5.452	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	45732	5.284	ug/L	99
22) 2-Butanone	7.185	43	31293	8.989	ug/L	99
23) Bromochloromethane	7.514	128	20071	5.414	ug/L	99
25) Chloroform	7.679	83	83138	5.430	ug/L	99
27) 1,2-Dichloroethane	8.404	62	57793	5.362	ug/L	98
29) Cyclohexane	7.959	56	79790	5.001	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	67524	5.377	ug/L	99
31) Carbon tetrachloride	8.075	117	59698	5.236	ug/L	99
33) Benzene	8.325	78	190338	5.391	ug/L	100
34) Trichloroethene	9.093	95	48509	5.349	ug/L	98
35) Methylcyclohexane	9.337	83	83383	5.120	ug/L	99
37) 1,2-Dichloropropane	9.368	63	50270	5.362	ug/L	99
38) Bromodichloromethane	9.642	83	56008	5.258	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	68294	5.059	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	66419	9.386	ug/L	98
42) Toluene	10.386	91	190899	5.354	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	56854	4.994	ug/L	92

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

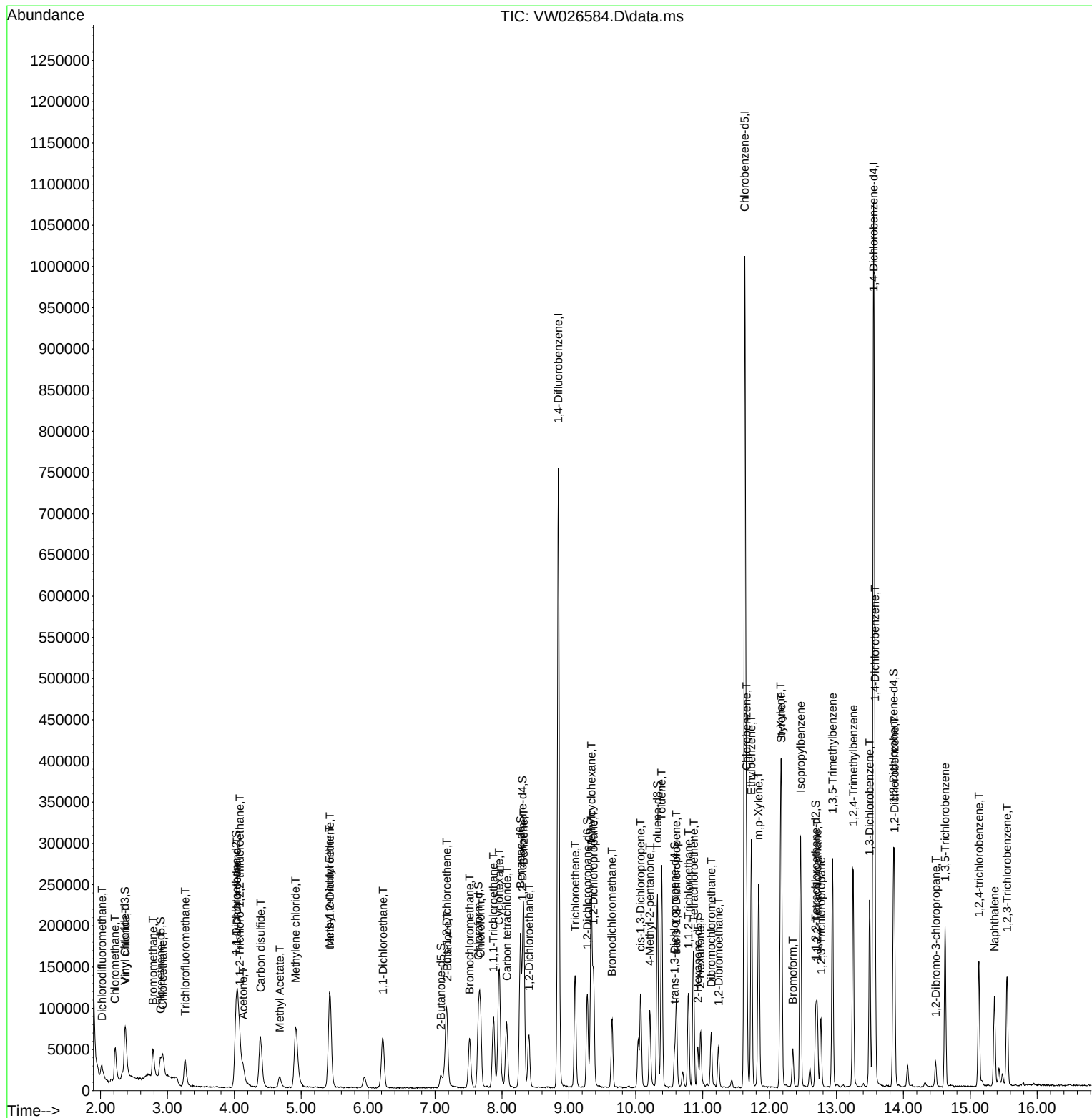
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	35174	5.375	ug/L	95
46) Tetrachloroethene	10.867	164	33902	5.266	ug/L	91
48) 2-Hexanone	10.965	43	45640	9.241	ug/L	95
49) Dibromochloromethane	11.130	129	33311	5.141	ug/L	100
50) 1,2-Dibromoethane	11.239	107	32234	5.226	ug/L	99
51) Chlorobenzene	11.654	112	116062	5.309	ug/L	96
52) Ethylbenzene	11.727	91	204032	5.140	ug/L	98
53) m,p-Xylene	11.837	106	73318	5.077	ug/L	95
54) o-Xylene	12.166	106	69127	5.100	ug/L	94
55) Styrene	12.178	104	117597	5.144	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	45134	5.256	ug/L #	95
59) Bromoform	12.349	173	20328	5.173	ug/L	95
60) Isopropylbenzene	12.465	105	192840	5.017	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	36048	5.372	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	140170	4.754	ug/L	98
63) 1,2,4-Trimethylbenzene	13.251	105	143018	4.893	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	86666	5.373	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	84671	5.263	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	75759	5.307	ug/L #	92
68) 1,2-Dibromo-3-chloropr...	14.483	75	7881	4.933	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	55636	5.212	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	46089	5.262	ug/L	97
71) Naphthalene	15.360	128	88181	4.445	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	44503	5.397	ug/L	94

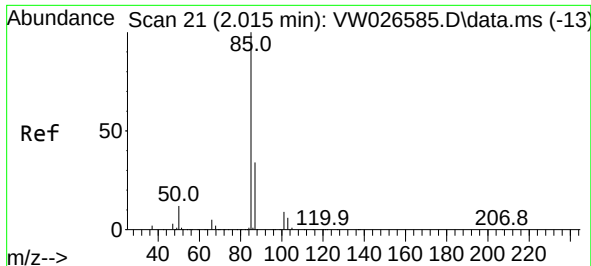
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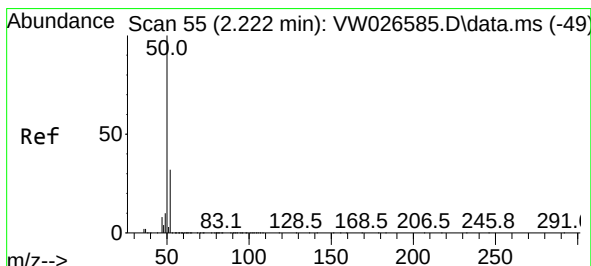
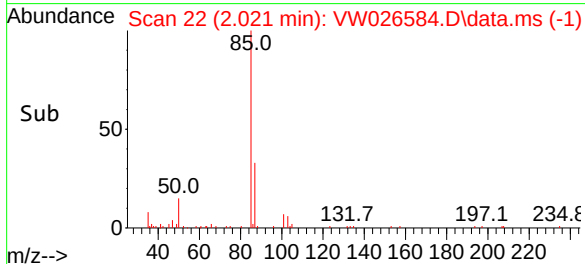
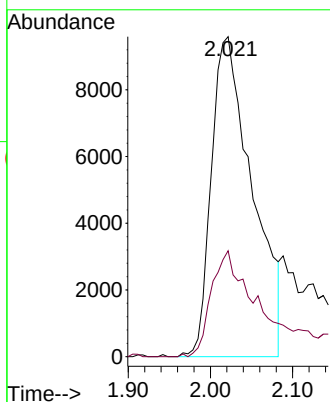
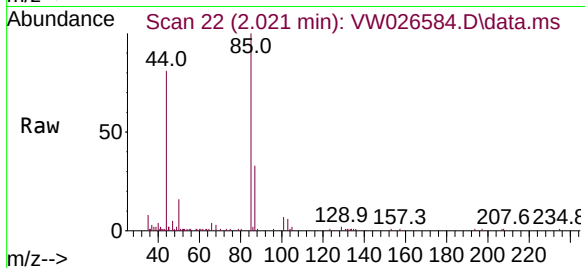




#2
 Dichlorodifluoromethane
 Concen: 4.907 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026584.D
 Acq: 11 Jul 2023 09:00

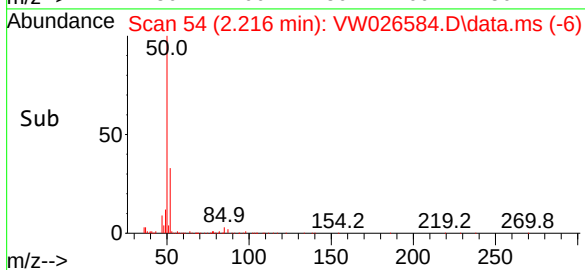
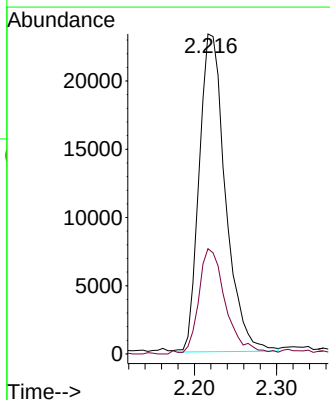
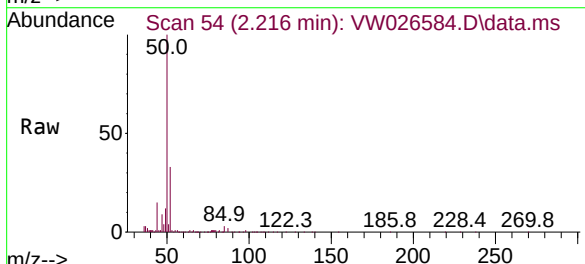
Instrument :
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 ClientSampleId :
 VSTD005415

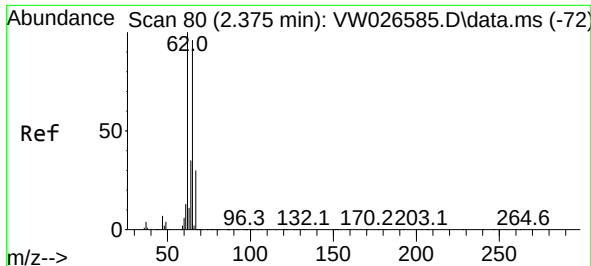
Tgt Ion: 85 Resp: 33300
 Ion Ratio Lower Upper
 85 100
 87 20.0 21.4 32.0#



#3
 Chloromethane
 Concen: 5.501 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW026584.D
 Acq: 11 Jul 2023 09:00

Tgt Ion: 50 Resp: 51731
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.5 41.7

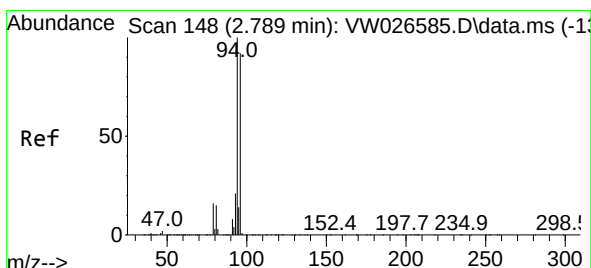
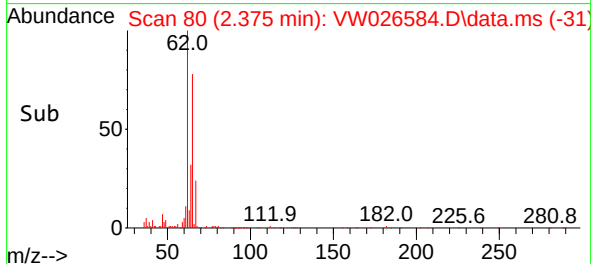
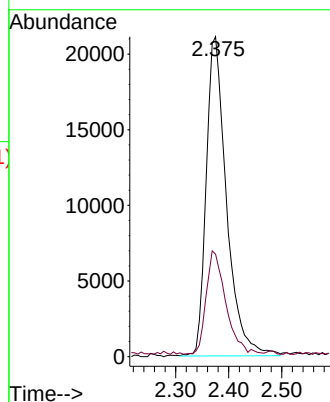
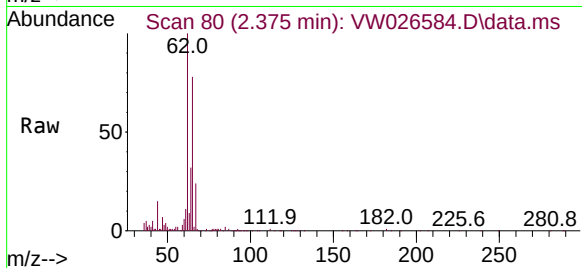




#5
 Vinyl chloride
 Concen: 5.665 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026584.D
 Acq: 11 Jul 2023 09:00

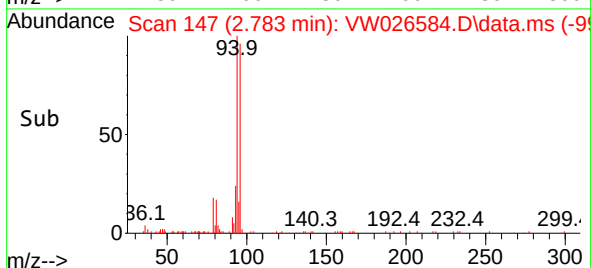
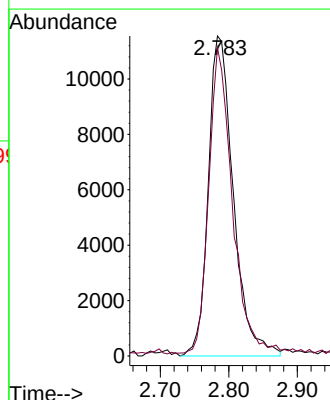
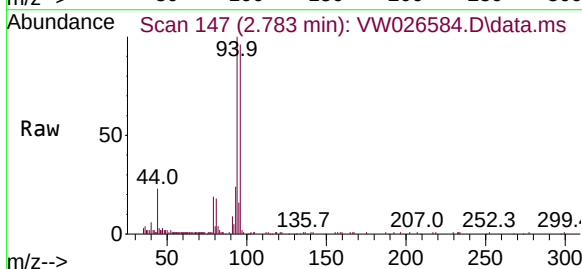
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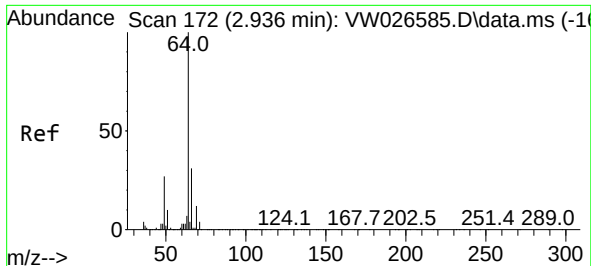
Tgt Ion: 62 Resp: 56143
 Ion Ratio Lower Upper
 62 100
 64 32.0 24.2 45.0



#6
 Bromomethane
 Concen: 5.577 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026584.D
 Acq: 11 Jul 2023 09:00

Tgt Ion: 94 Resp: 29384
 Ion Ratio Lower Upper
 94 100
 96 96.3 64.5 119.9

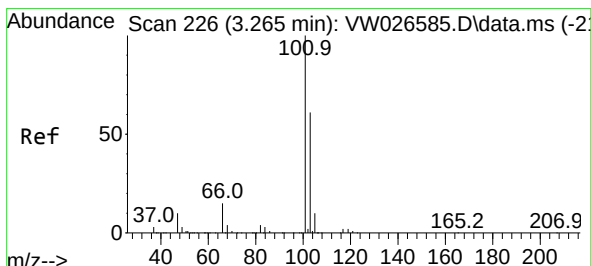
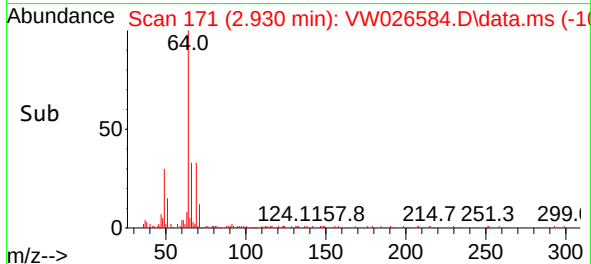
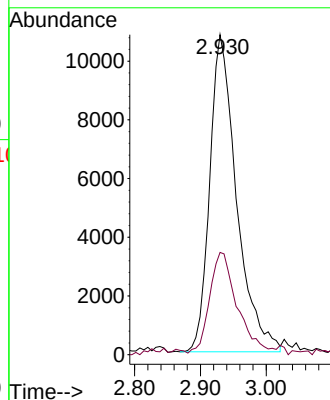
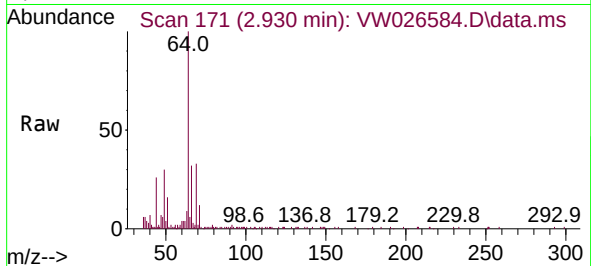




#8
Chloroethane
Concen: 5.526 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

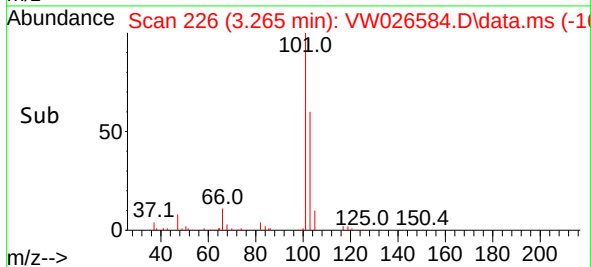
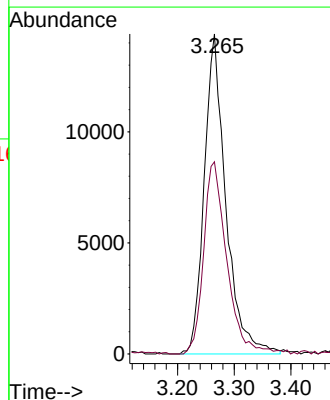
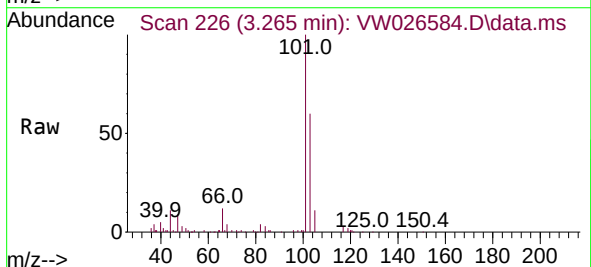
Instrument :
MSVOA_W
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VSTD005415

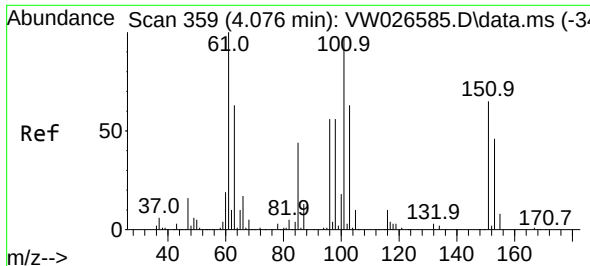
Tgt Ion: 64 Resp: 30624
Ion Ratio Lower Upper
64 100
66 32.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 5.183 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

Tgt Ion: 101 Resp: 38049
Ion Ratio Lower Upper
101 100
103 63.4 50.3 75.5

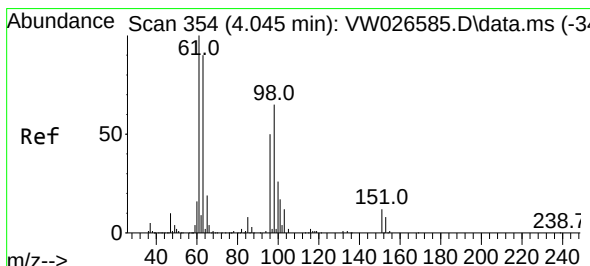
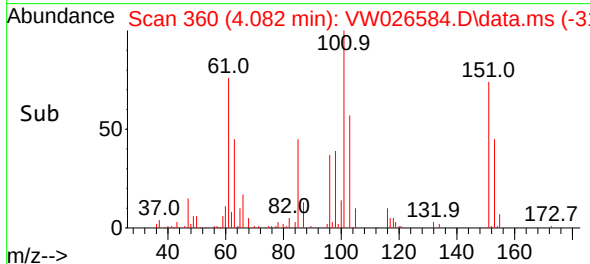
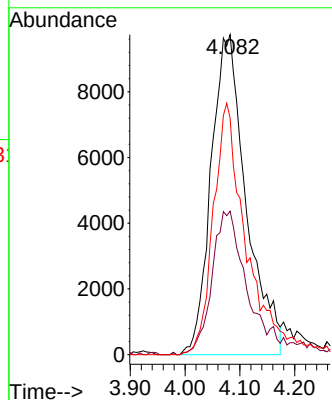
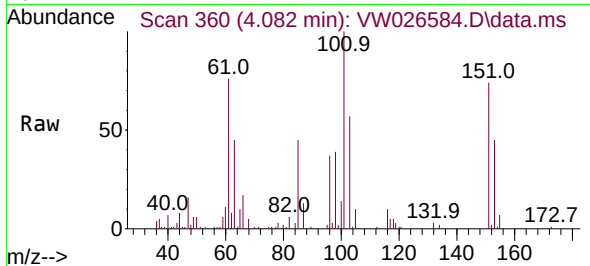




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.380 ug/L
 RT: 4.082 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VW026584.D
 Acq: 11 Jul 2023 09:00

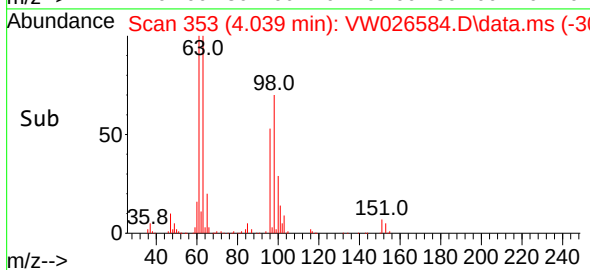
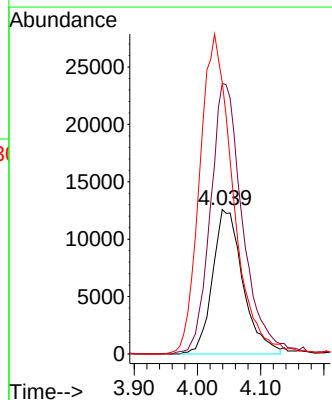
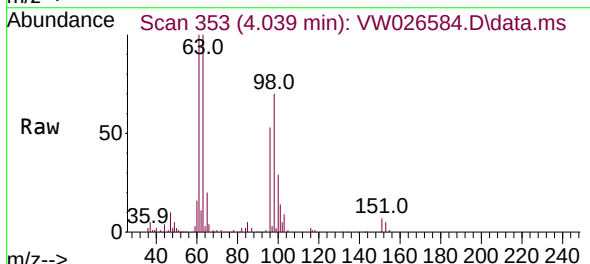
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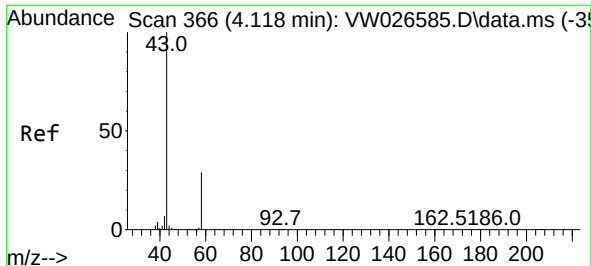
Tgt Ion:101 Resp: 43413
 Ion Ratio Lower Upper
 101 100
 85 39.8 36.1 54.1
 151 64.8 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 5.362 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW026584.D
 Acq: 11 Jul 2023 09:00

Tgt Ion: 96 Resp: 41915
 Ion Ratio Lower Upper
 96 100
 61 187.2 140.8 261.4
 63 187.8 127.7 237.3





#13

Acetone

Concen: 8.979 ug/L

RT: 4.131 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

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ClientSampleId :

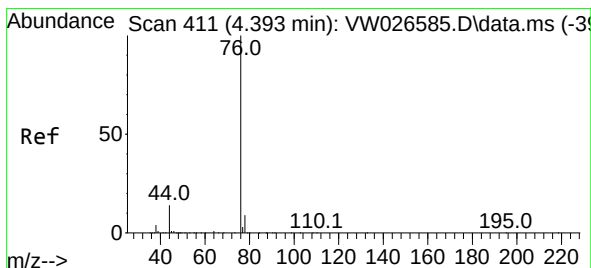
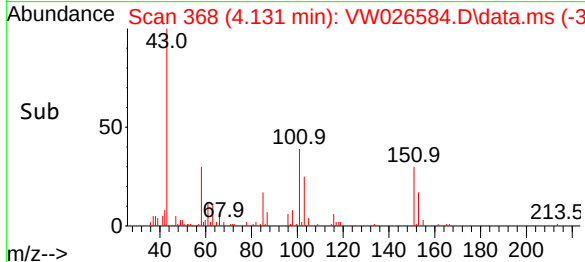
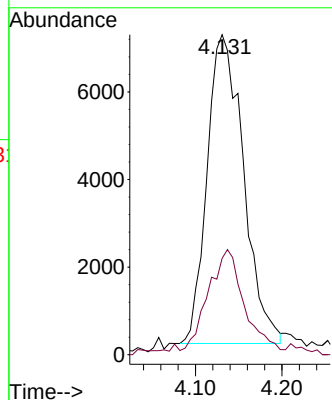
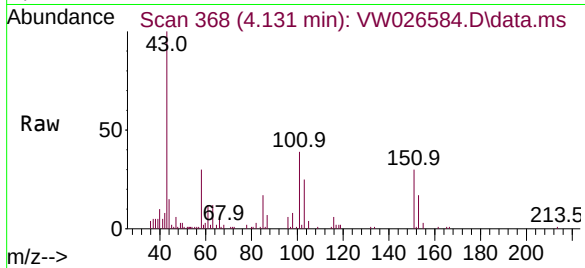
VSTD005415

Tgt Ion: 43 Resp: 20545

Ion Ratio Lower Upper

43 100

58 34.8 0.0 63.2



#14

Carbon disulfide

Concen: 5.380 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW026584.D

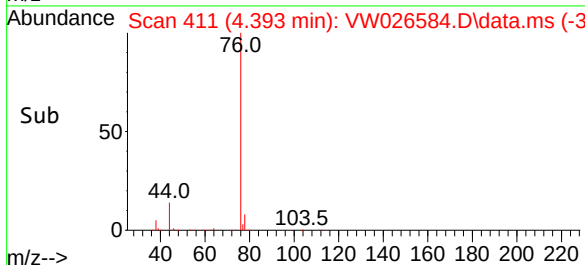
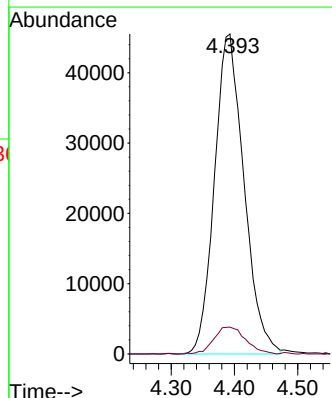
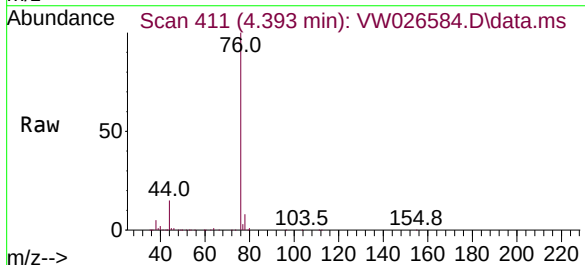
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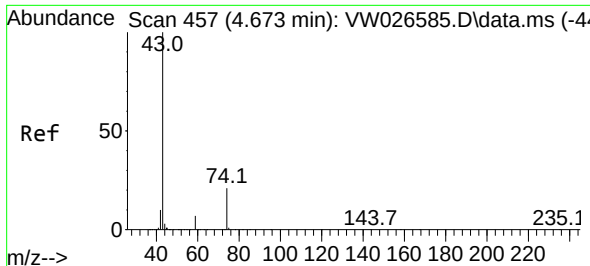
Tgt Ion: 76 Resp: 147412

Ion Ratio Lower Upper

76 100

78 8.4 6.9 10.3

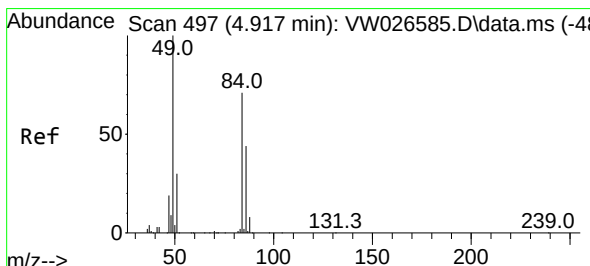
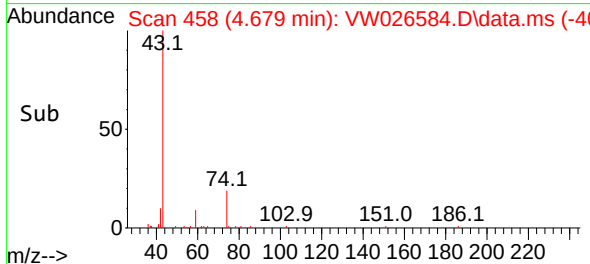
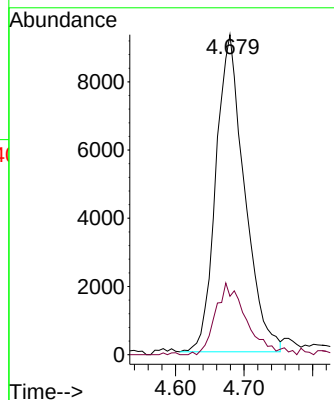
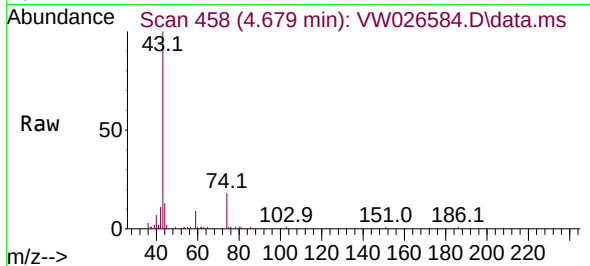




#15
Methyl Acetate
Concen: 4.950 ug/L
RT: 4.679 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

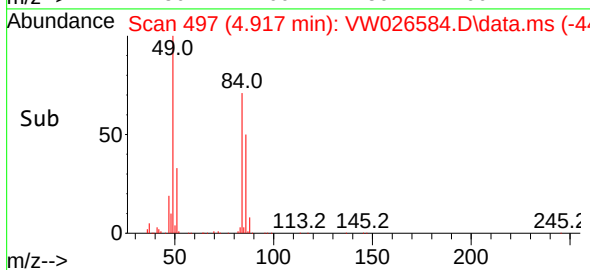
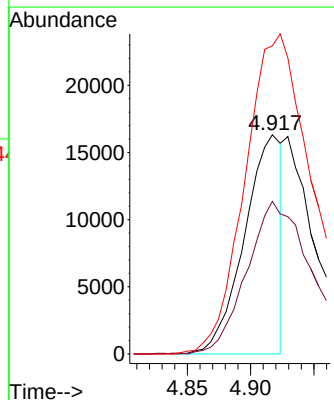
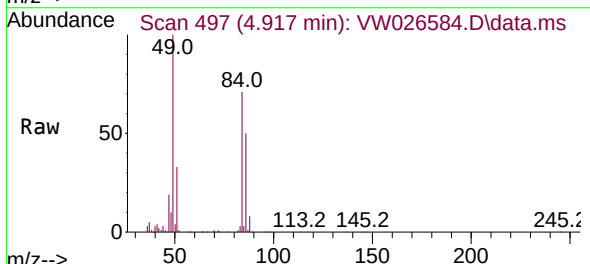
Instrument :
MSVOA_W
ClientSampleId :
VSTD005415

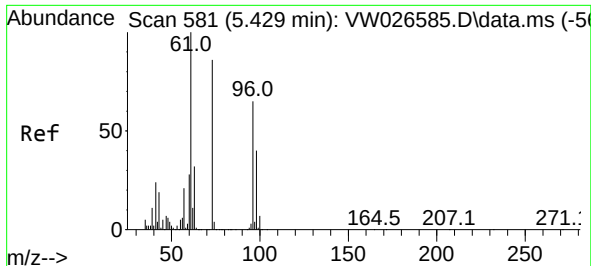
Tgt Ion: 43 Resp: 26967
Ion Ratio Lower Upper
43 100
74 12.0 16.3 24.5#



#16
Methylene chloride
Concen: 3.255 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

Tgt Ion: 84 Resp: 33444
Ion Ratio Lower Upper
84 100
86 69.6 43.8 81.3
49 140.6 99.2 184.2

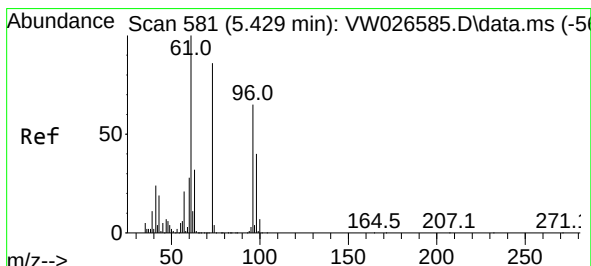
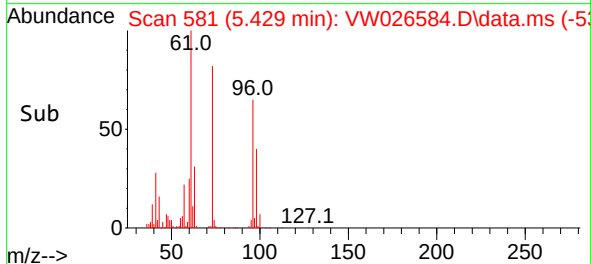
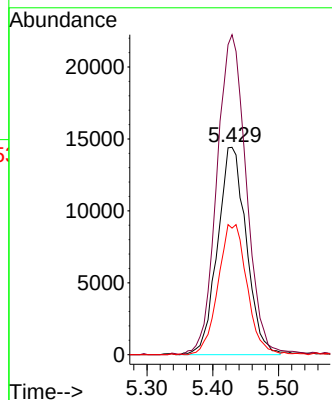
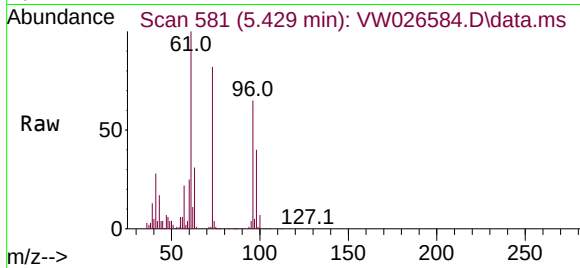




#17
trans-1,2-Dichloroethene
Concen: 5.234 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

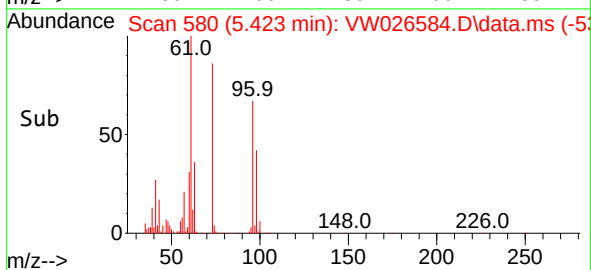
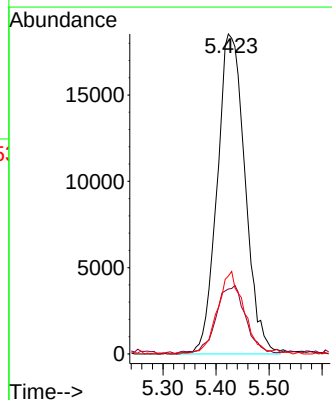
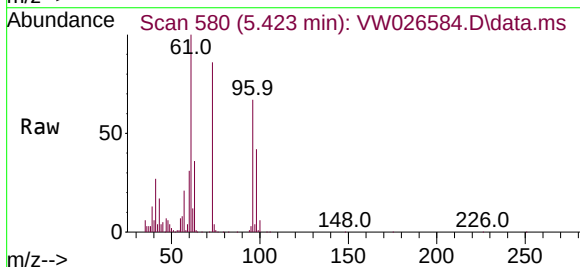
Instrument :
MSVOA_W
ClientSampleId :
VSTD005415

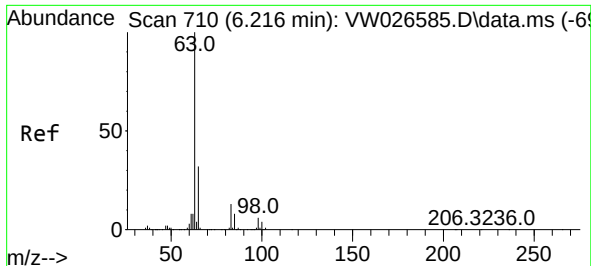
Tgt Ion: 96 Resp: 43747
Ion Ratio Lower Upper
96 100
61 154.3 108.1 200.9
98 61.0 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 5.172 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

Tgt Ion: 73 Resp: 67650
Ion Ratio Lower Upper
73 100
43 21.8 17.4 26.2
57 24.1 19.3 28.9





#19

1,1-Dichloroethane

Concen: 5.452 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD005415

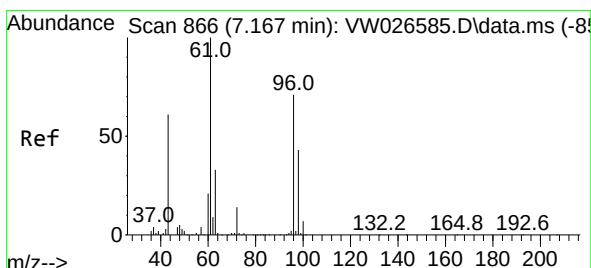
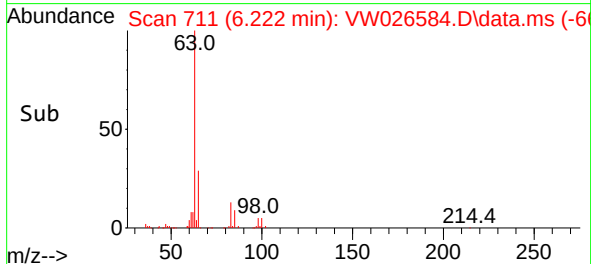
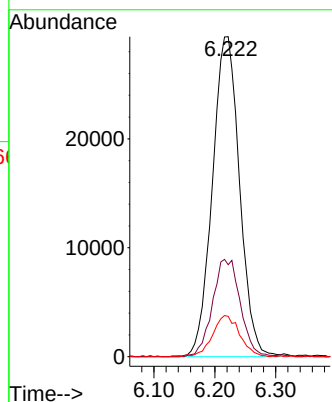
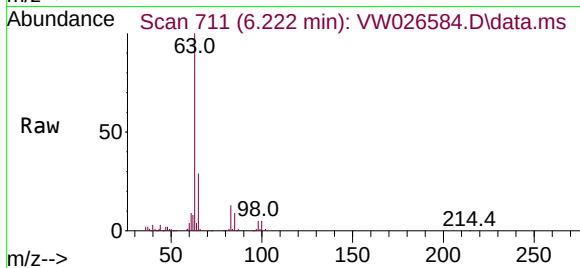
Tgt Ion: 63 Resp: 91098

Ion Ratio Lower Upper

63 100

65 28.7 22.3 41.5

83 12.6 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 5.284 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

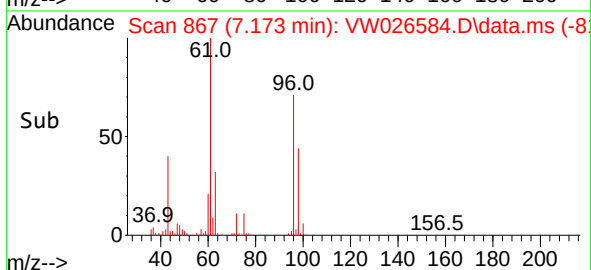
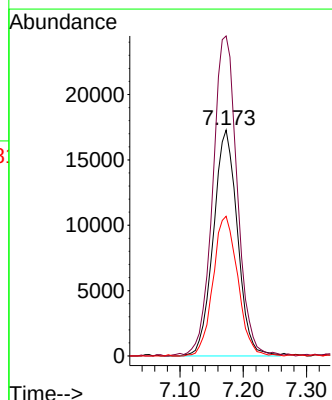
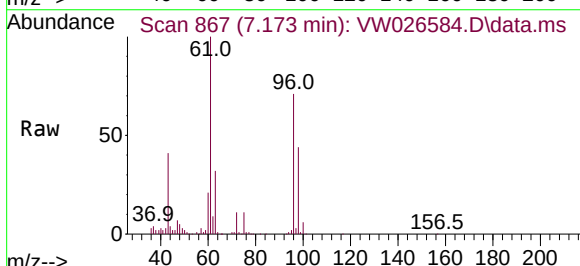
Tgt Ion: 96 Resp: 45732

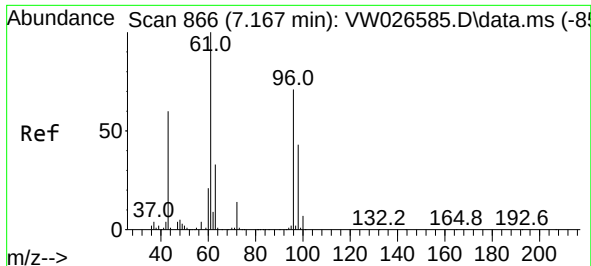
Ion Ratio Lower Upper

96 100

61 141.7 98.8 183.6

98 61.9 42.4 78.6

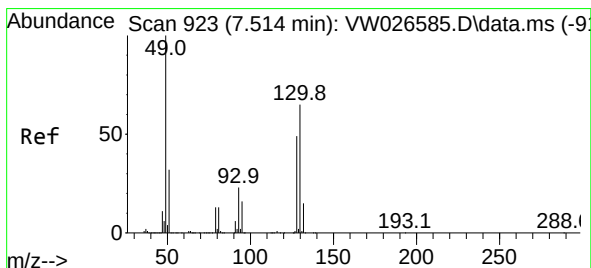
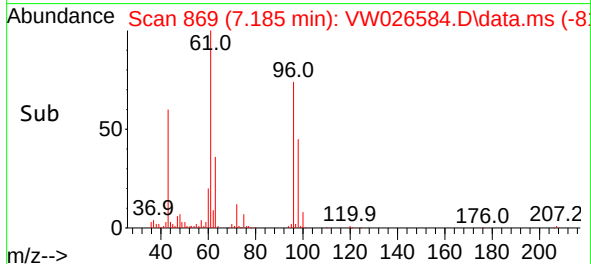
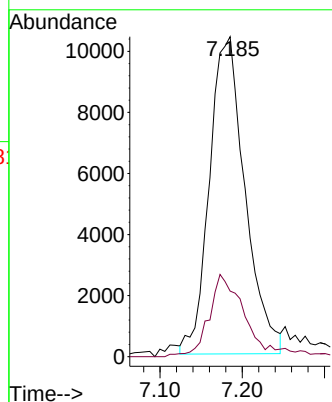
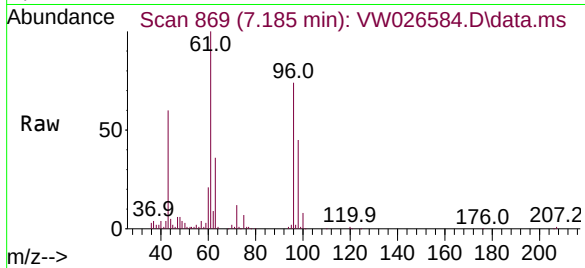




#22
2-Butanone
Concen: 8.989 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.019 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

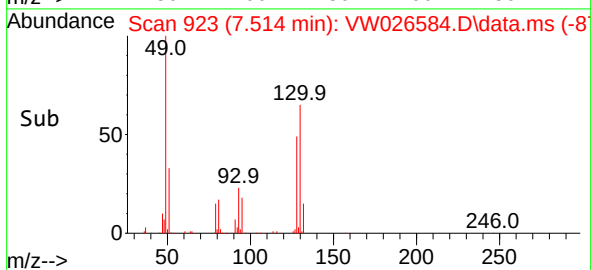
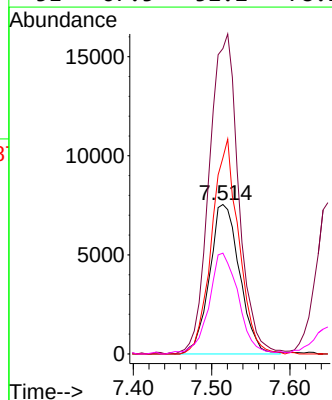
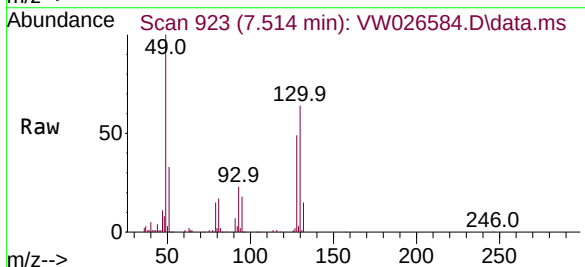
Instrument :
MSVOA_W
ClientSampleId :
VSTD005415

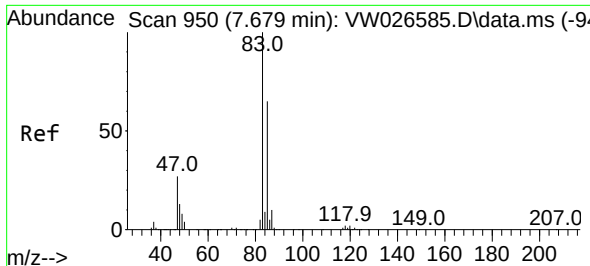
Tgt Ion: 43 Resp: 31293
Ion Ratio Lower Upper
43 100
72 24.2 11.9 35.5



#23
Bromochloromethane
Concen: 5.414 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

Tgt Ion: 128 Resp: 20071
Ion Ratio Lower Upper
128 100
49 204.5 142.1 263.9
130 131.3 92.9 172.5
51 67.5 52.2 78.2

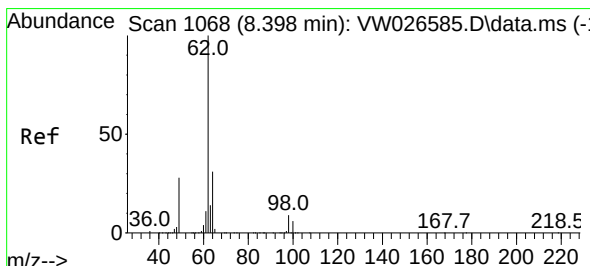
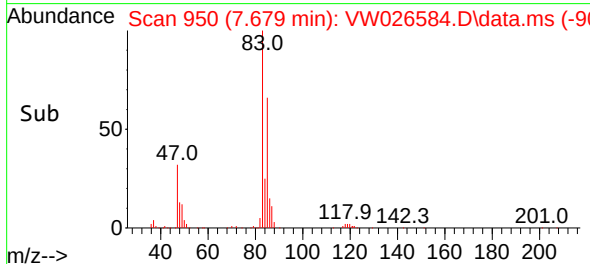
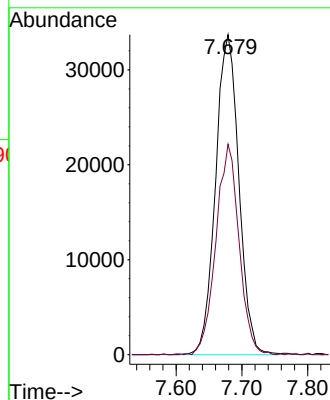
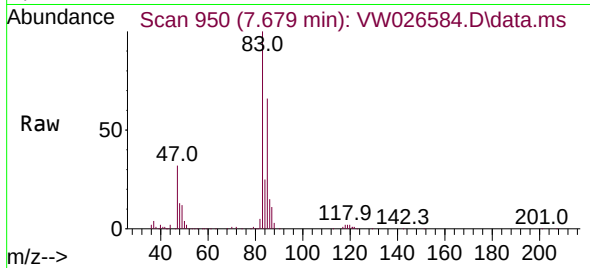




#25
Chloroform
Concen: 5.430 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

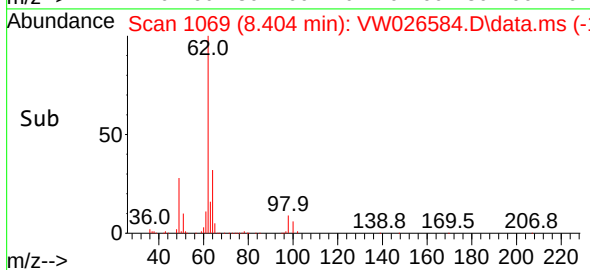
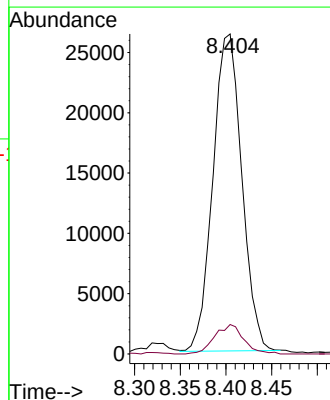
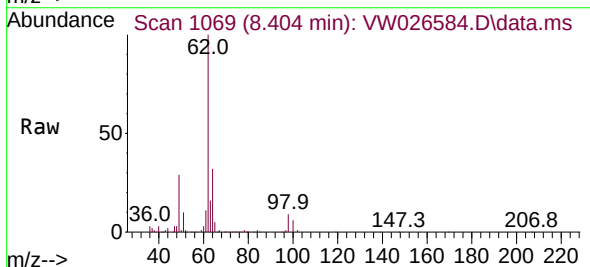
Instrument :
MSVOA_W
ClientSampleId :
VSTD005415

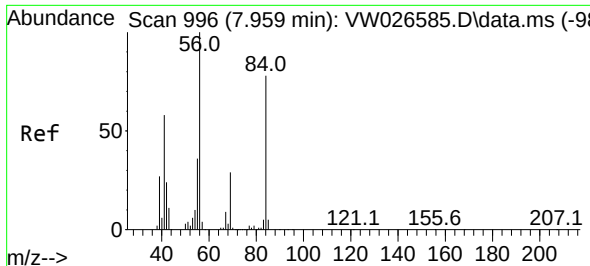
Tgt Ion: 83 Resp: 83138
Ion Ratio Lower Upper
83 100
85 65.8 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.362 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

Tgt Ion: 62 Resp: 57793
Ion Ratio Lower Upper
62 100
98 9.2 6.7 10.1





#29

Cyclohexane

Concen: 5.001 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD005415

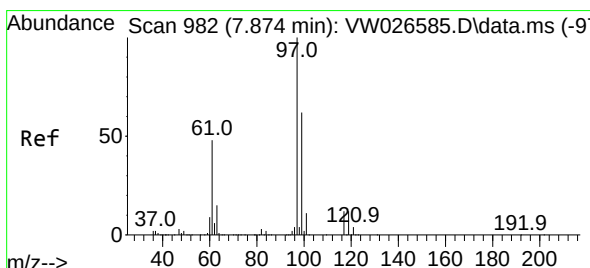
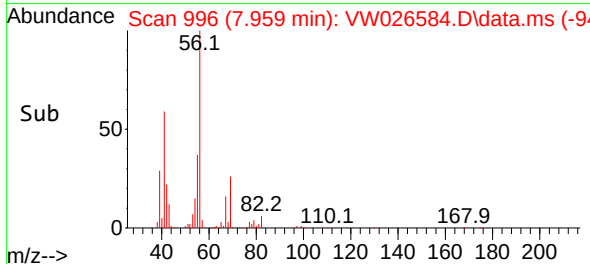
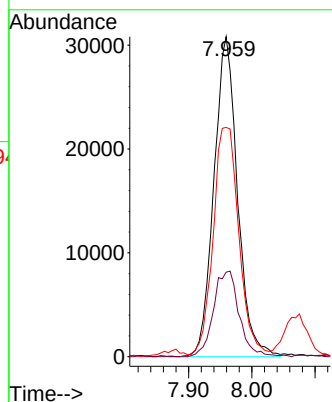
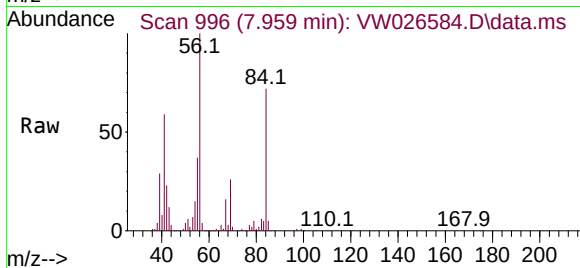
Tgt Ion: 56 Resp: 79790

Ion Ratio Lower Upper

56 100

69 29.1 23.4 35.0

84 78.6 62.6 94.0



#30

1,1,1-Trichloroethane

Concen: 5.377 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

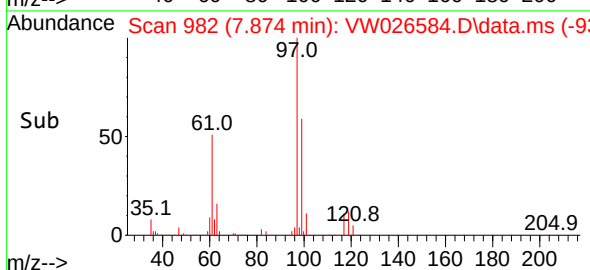
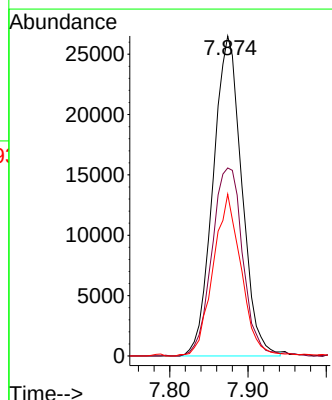
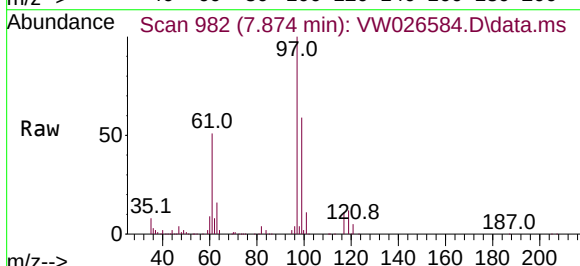
Tgt Ion: 97 Resp: 67524

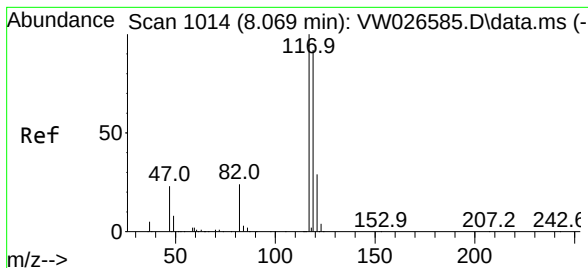
Ion Ratio Lower Upper

97 100

99 63.1 49.9 74.9

61 49.1 39.8 59.8





#31

Carbon tetrachloride

Concen: 5.236 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

Instrument :

MSVOA_W

ClientSampleId :

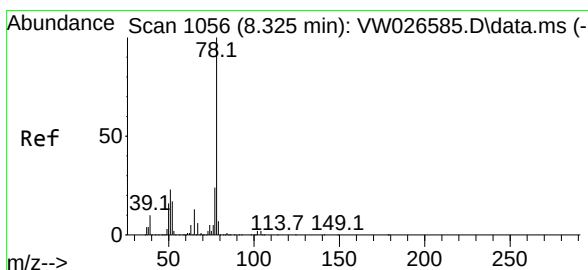
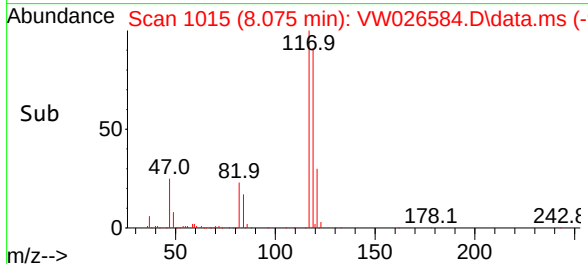
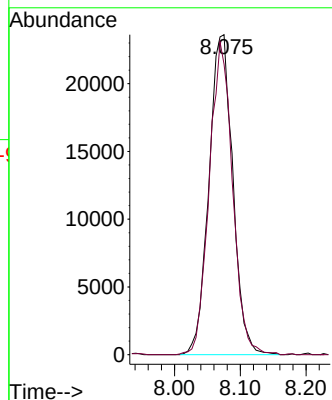
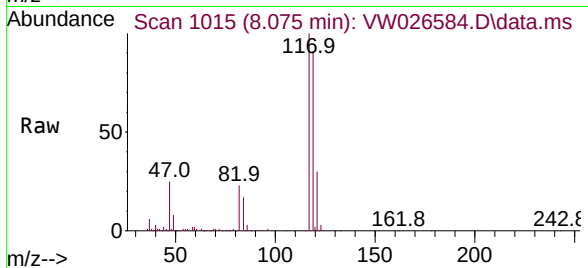
VSTD005415

Tgt Ion:117 Resp: 59698

Ion Ratio Lower Upper

117 100

119 95.1 77.1 115.7



#33

Benzene

Concen: 5.391 ug/L

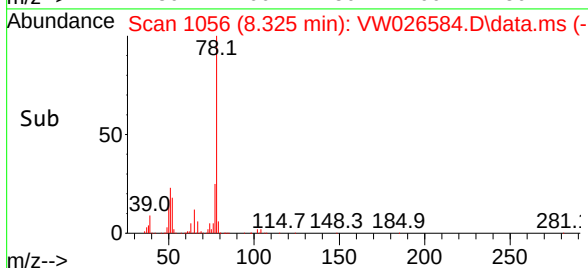
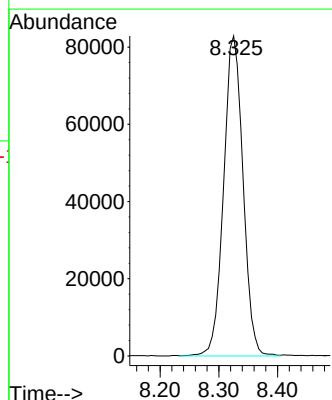
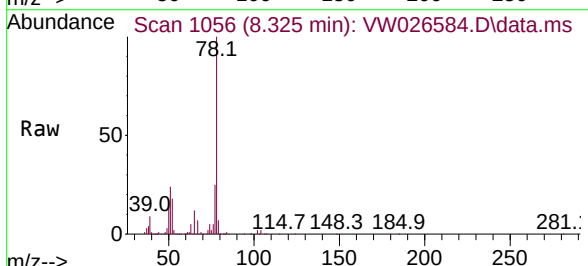
RT: 8.325 min Scan# 1056

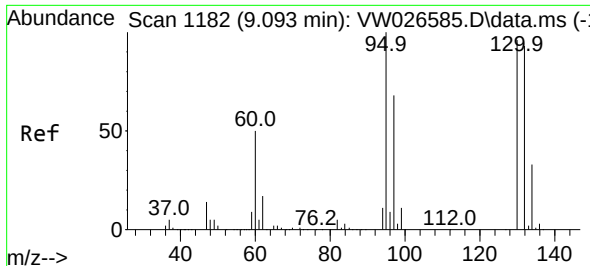
Delta R.T. 0.000 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

Tgt Ion: 78 Resp: 190338



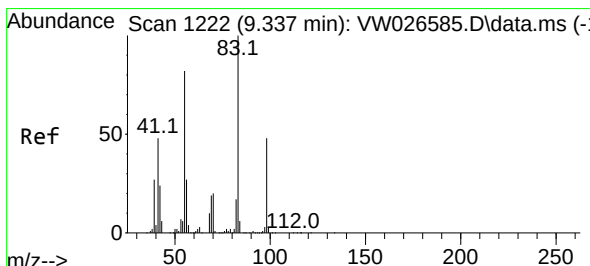
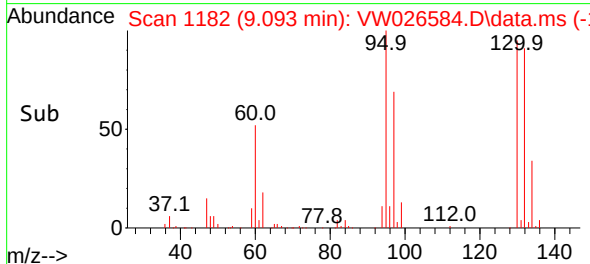
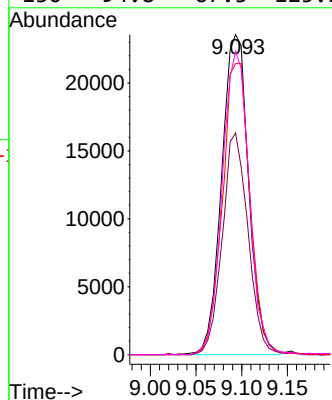
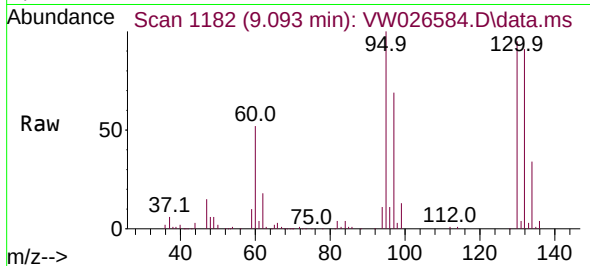


#34
Trichloroethene
Concen: 5.349 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD005415

Tgt Ion: 95 Resp: 48509

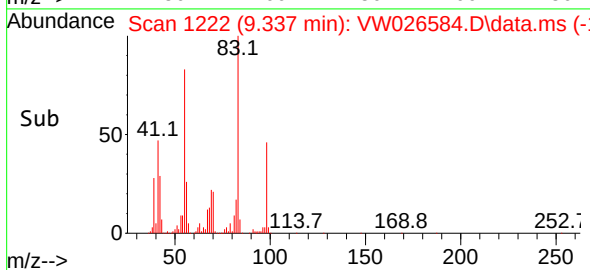
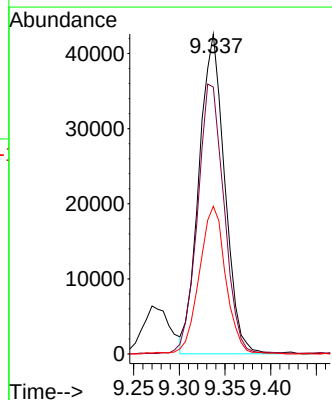
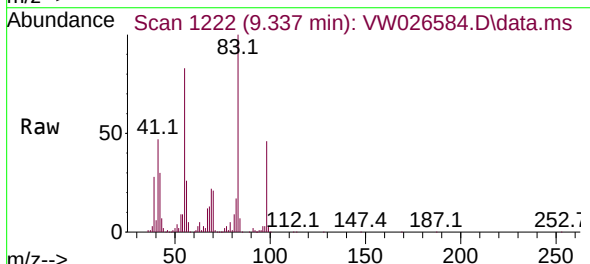
Ion	Ratio	Lower	Upper
95	100		
97	69.3	47.9	88.9
132	90.9	65.0	120.8
130	94.8	67.3	125.1

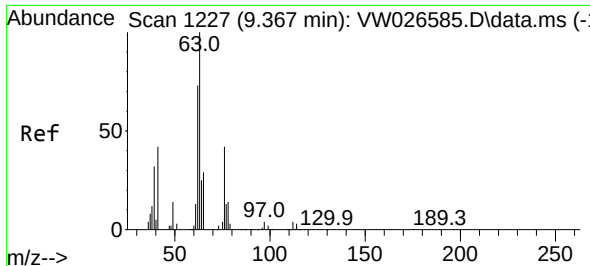


#35
Methylcyclohexane
Concen: 5.120 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

Tgt Ion: 83 Resp: 83383

Ion	Ratio	Lower	Upper
83	100		
55	86.4	68.7	103.1
98	47.2	37.3	55.9





#37

1,2-Dichloropropane

Concen: 5.362 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

Instrument :

MSVOA_W

ClientSampleId :

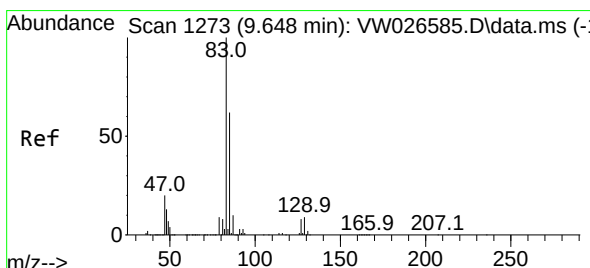
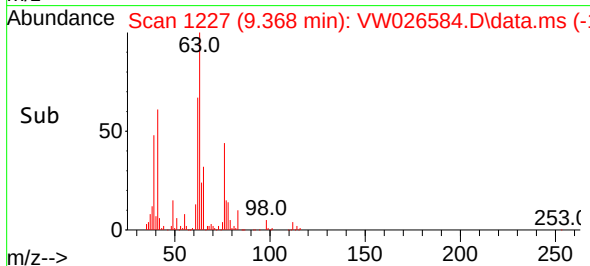
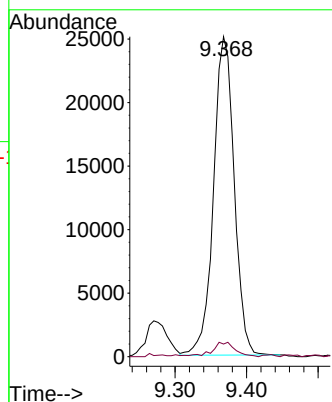
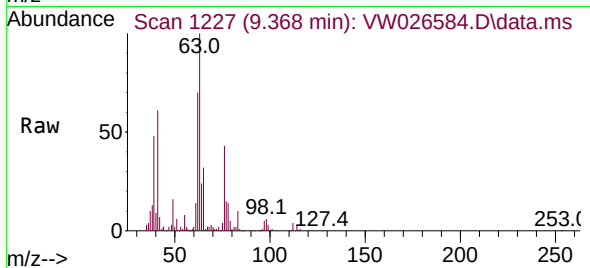
VSTD005415

Tgt Ion: 63 Resp: 50270

Ion Ratio Lower Upper

63 100

112 4.7 3.4 5.2



#38

Bromodichloromethane

Concen: 5.258 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

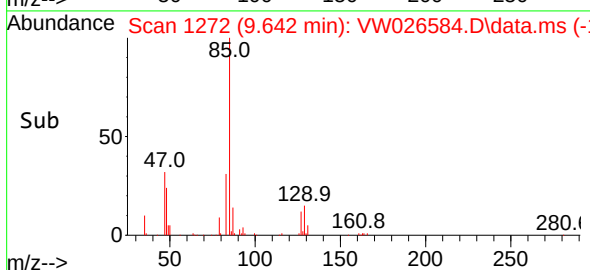
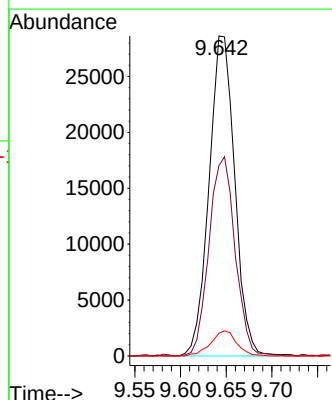
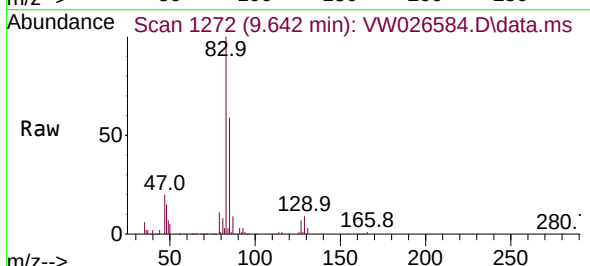
Tgt Ion: 83 Resp: 56008

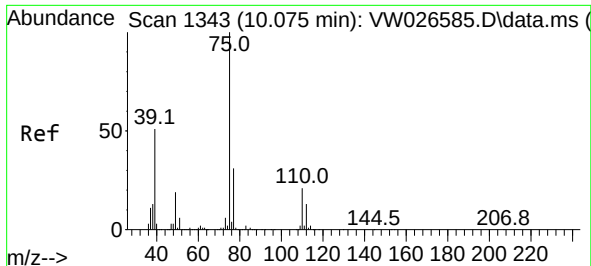
Ion Ratio Lower Upper

83 100

85 59.4 43.3 80.3

127 7.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.059 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

Instrument :

MSVOA_W

ClientSampleId :

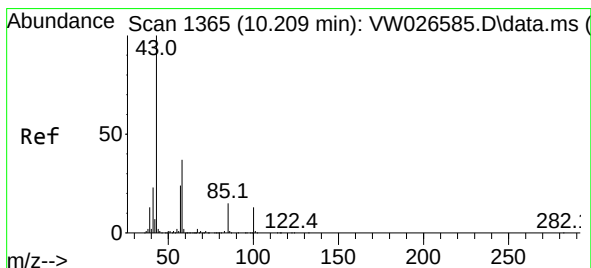
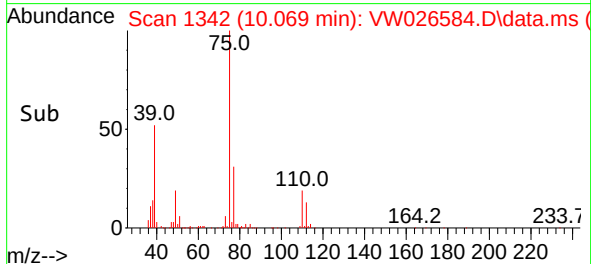
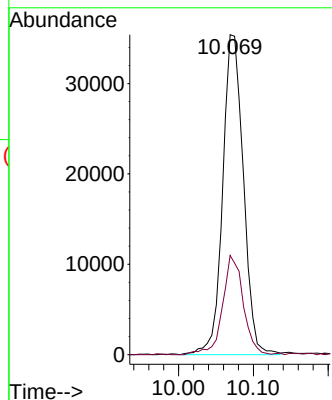
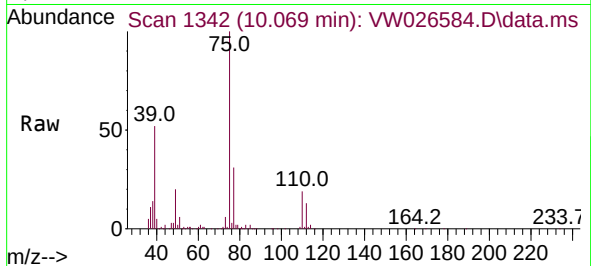
VSTD005415

Tgt Ion: 75 Resp: 68294

Ion Ratio Lower Upper

75 100

77 31.0 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 9.386 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

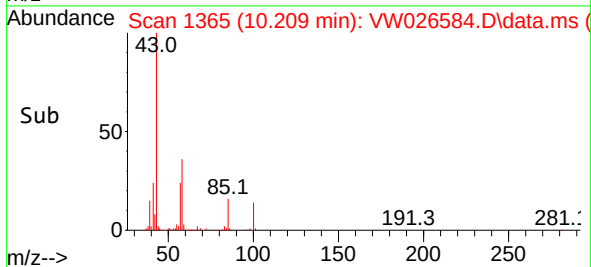
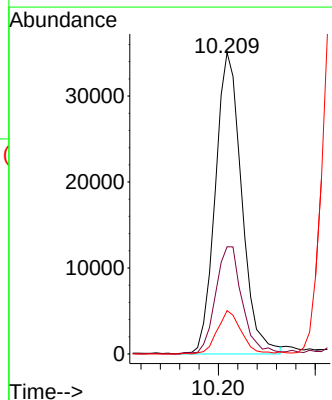
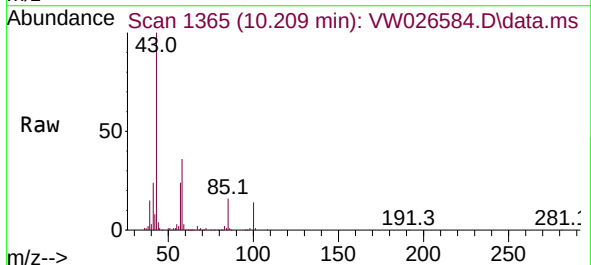
Tgt Ion: 43 Resp: 66419

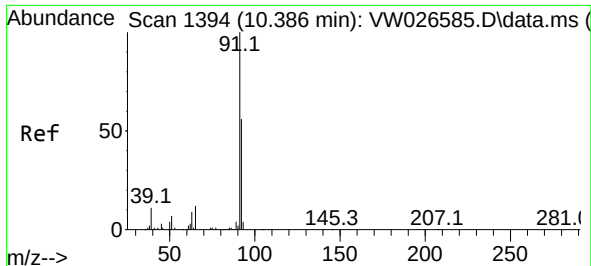
Ion Ratio Lower Upper

43 100

58 35.7 29.8 44.8

100 13.0 10.7 16.1

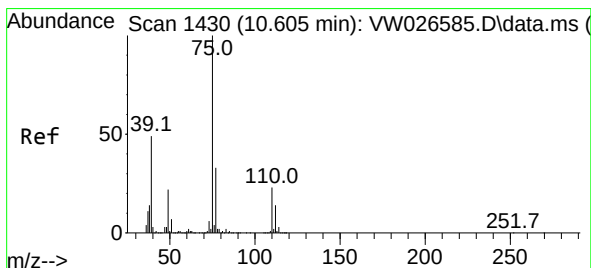
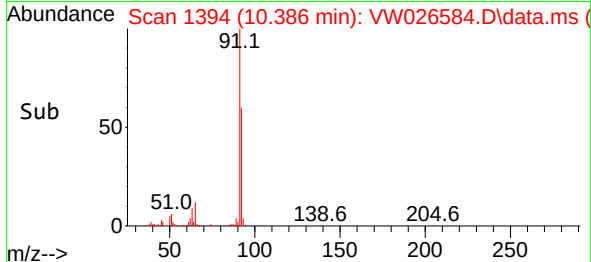
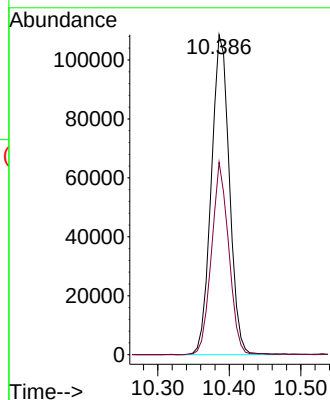
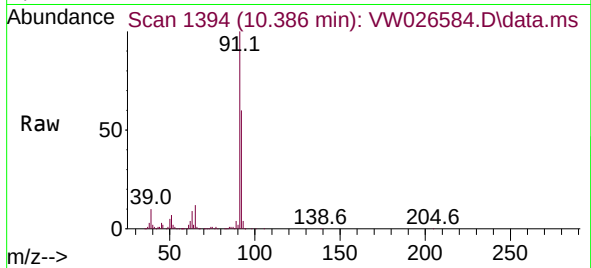




#42
Toluene
Concen: 5.354 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

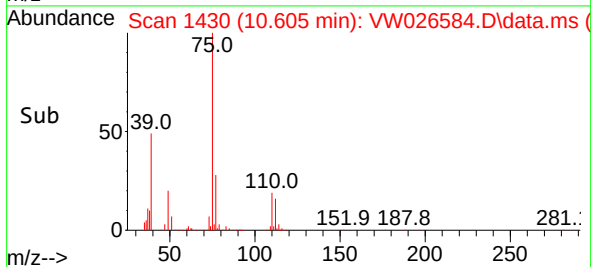
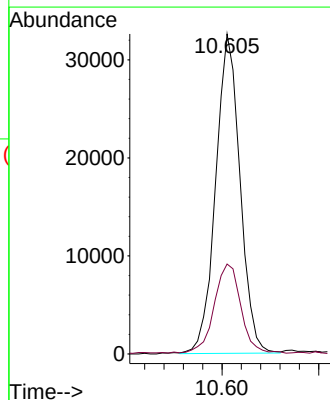
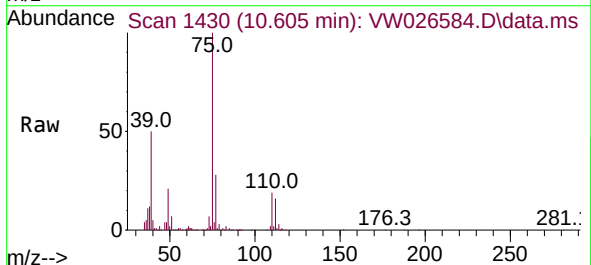
Instrument :
MSVOA_W
ClientSampleId :
VSTD005415

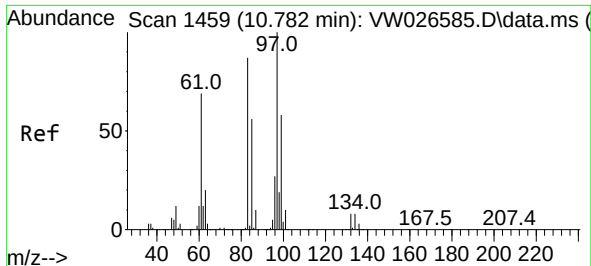
Tgt Ion: 91 Resp: 190899
Ion Ratio Lower Upper
91 100
92 60.1 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 4.994 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

Tgt Ion: 75 Resp: 56854
Ion Ratio Lower Upper
75 100
77 28.1 23.0 42.6

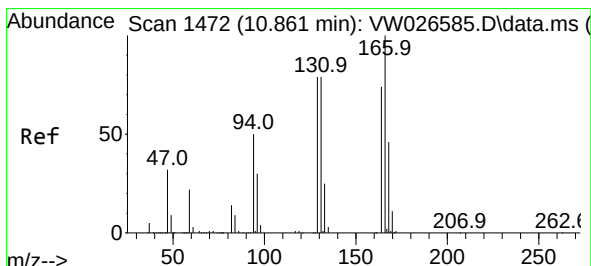
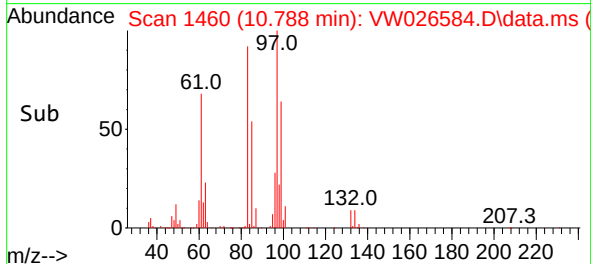
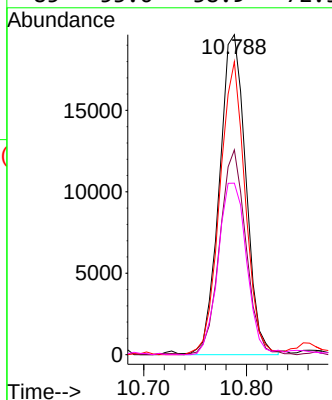
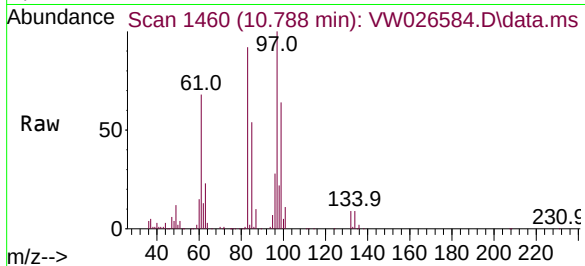




#45
1,1,2-Trichloroethane
Concen: 5.375 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

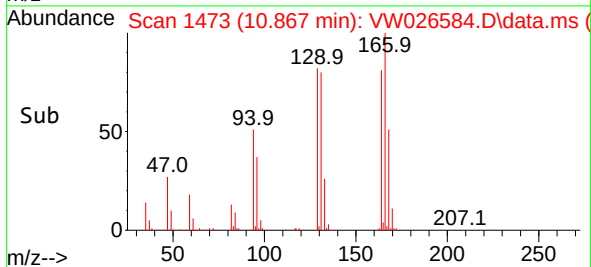
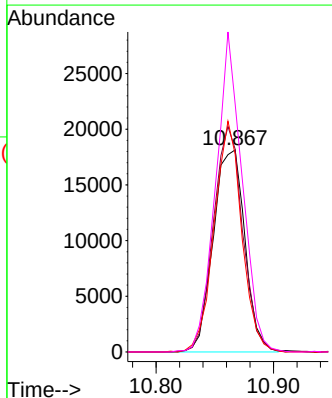
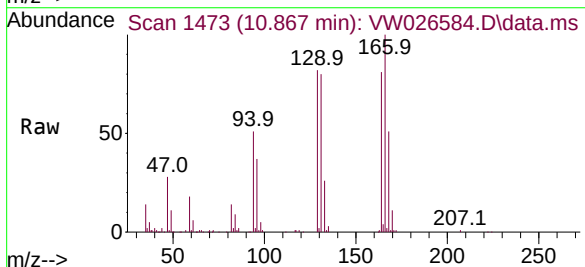
Instrument :
MSVOA_W
ClientSampleId :
VSTD005415

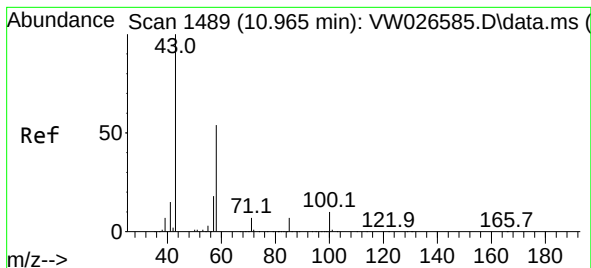
Tgt Ion: 97	Resp:	35174	
Ion	Ratio	Lower	Upper
97	100		
99	64.0	40.5	75.3
83	91.5	61.0	113.2
85	53.6	38.9	72.3



#46
Tetrachloroethene
Concen: 5.266 ug/L
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

Tgt	Ion:164	Resp:	33902
Ion	Ratio	Lower	Upper
164	100		
129	100.4	75.5	140.1
131	97.8	74.8	138.8
166	122.7	95.1	176.5





#48

2-Hexanone

Concen: 9.241 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD005415

Tgt Ion: 43 Resp: 45640

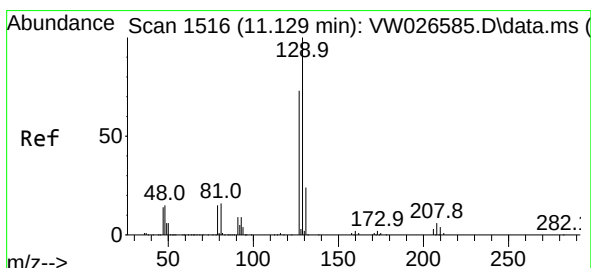
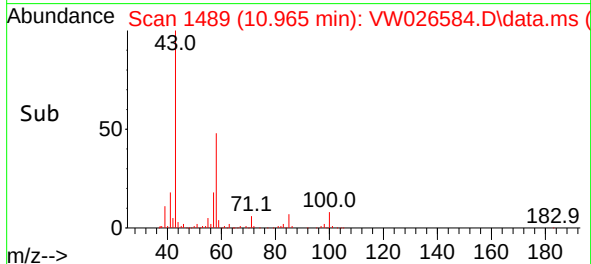
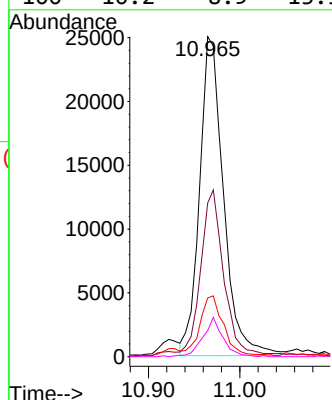
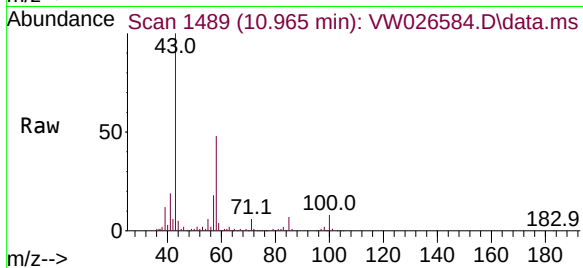
Ion Ratio Lower Upper

43 100

58 47.5 42.1 63.1

57 18.7 14.8 22.2

100 10.2 8.9 13.3



#49

Dibromochloromethane

Concen: 5.141 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW026584.D

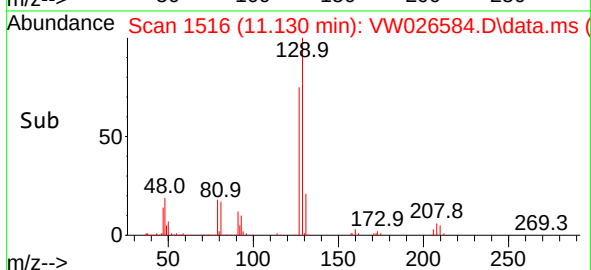
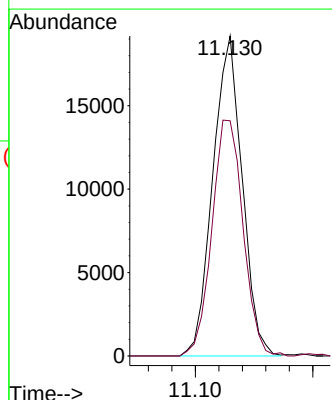
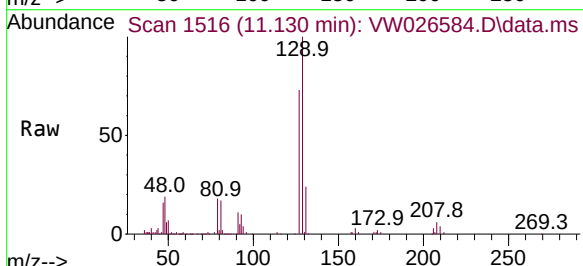
Acq: 11 Jul 2023 09:00

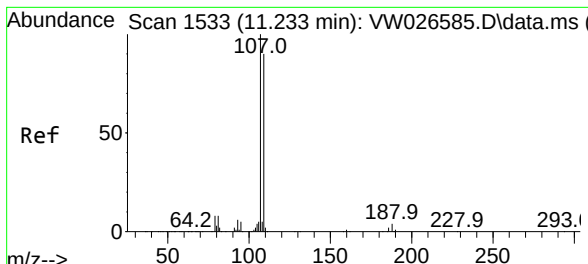
Tgt Ion: 129 Resp: 33311

Ion Ratio Lower Upper

129 100

127 73.5 51.2 95.2



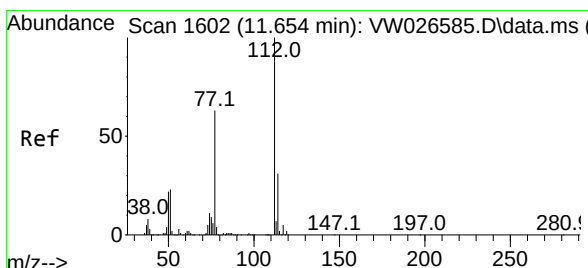
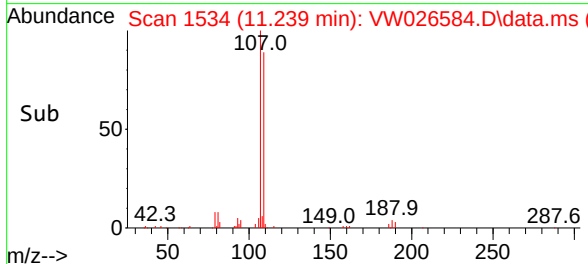
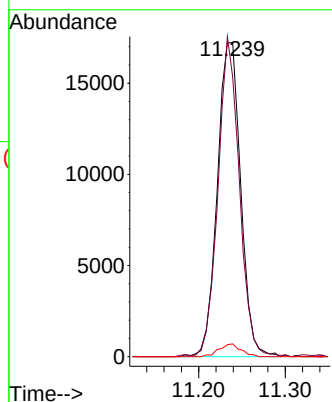
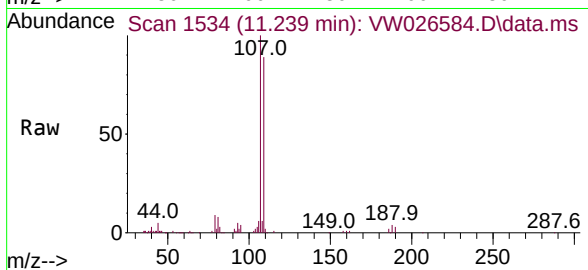


#50
1,2-Dibromoethane
Concen: 5.226 ug/L
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD005415

Tgt Ion:107 Resp: 32234

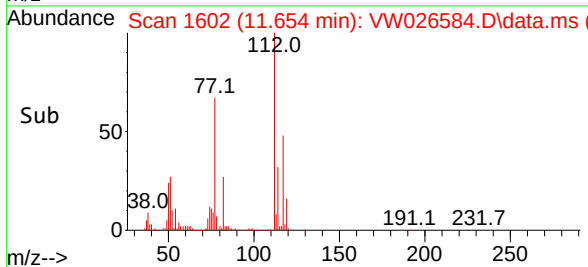
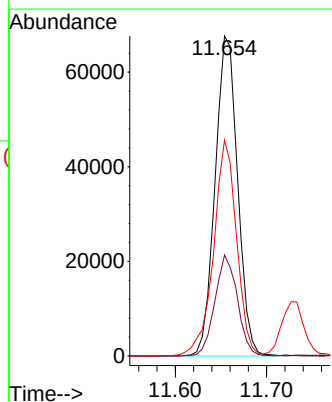
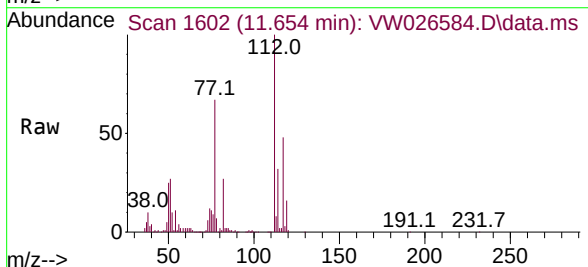
Ion	Ratio	Lower	Upper
107	100		
109	89.1	62.9	116.7
188	4.1	2.8	4.2

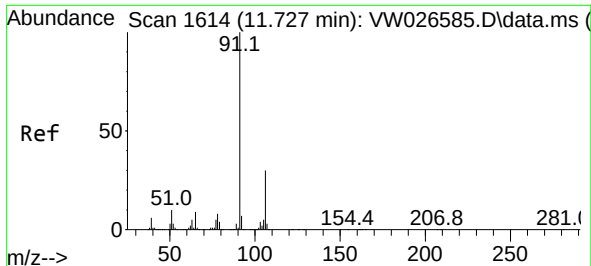


#51
Chlorobenzene
Concen: 5.309 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

Tgt Ion:112 Resp: 116062

Ion	Ratio	Lower	Upper
112	100		
114	31.5	21.6	40.2
77	67.4	50.3	75.5

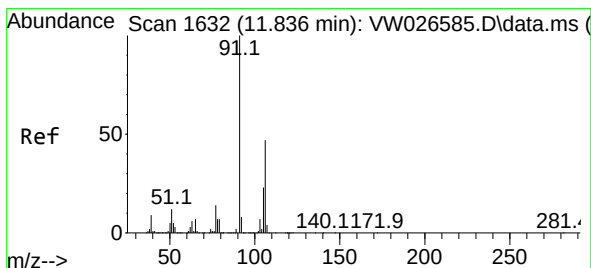
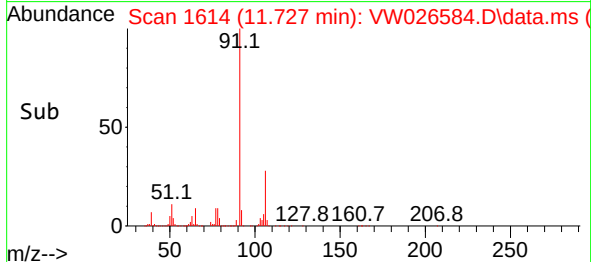
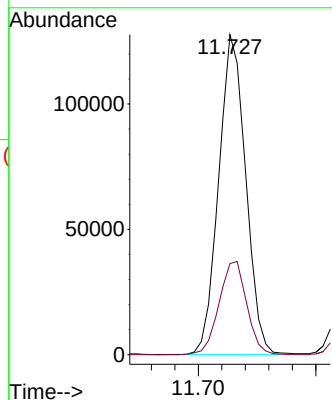
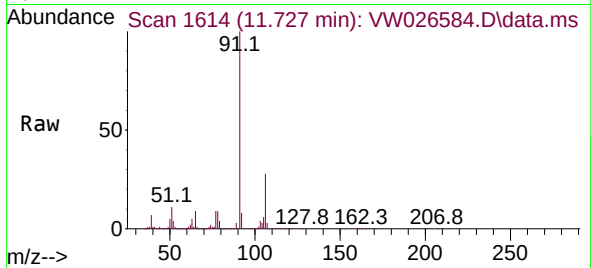




#52
Ethylbenzene
Concen: 5.140 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

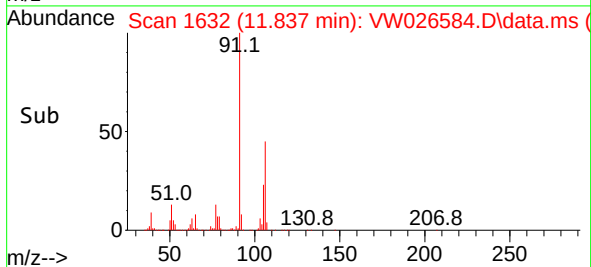
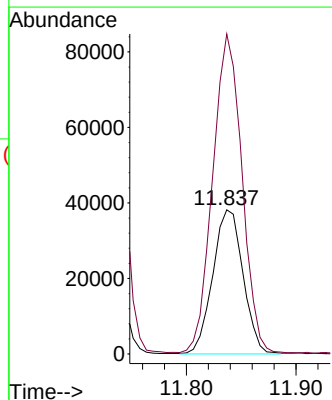
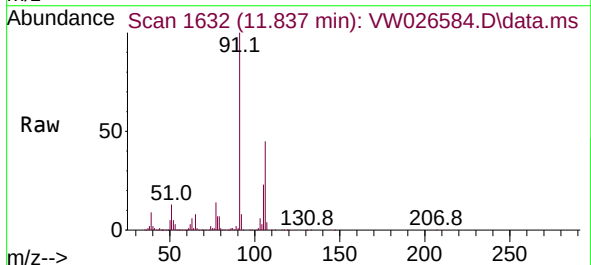
Instrument :
MSVOA_W
ClientSampleId :
VSTD005415

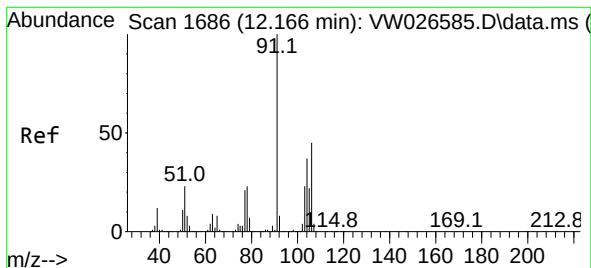
Tgt Ion: 91 Resp: 204032
Ion Ratio Lower Upper
91 100
106 28.5 20.8 38.6



#53
m,p-Xylene
Concen: 5.077 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026584.D
Acq: 11 Jul 2023 09:00

Tgt Ion: 106 Resp: 73318
Ion Ratio Lower Upper
106 100
91 221.9 150.3 279.1





#54

o-Xylene

Concen: 5.100 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

Instrument :

MSVOA_W

ClientSampleId :

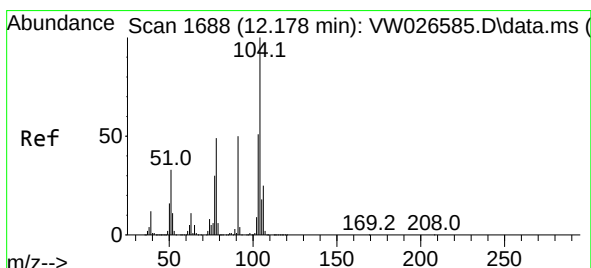
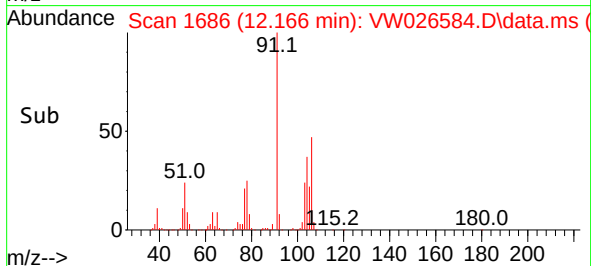
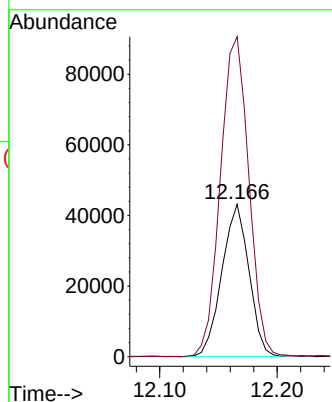
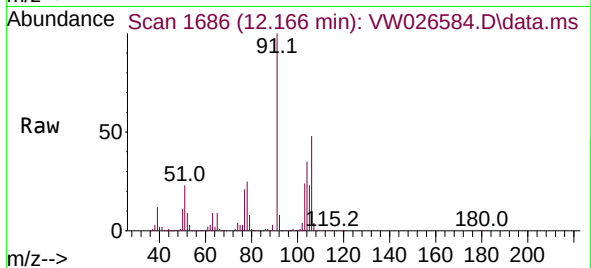
VSTD005415

Tgt Ion:106 Resp: 69127

Ion Ratio Lower Upper

106 100

91 210.1 154.3 286.5



#55

Styrene

Concen: 5.144 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026584.D

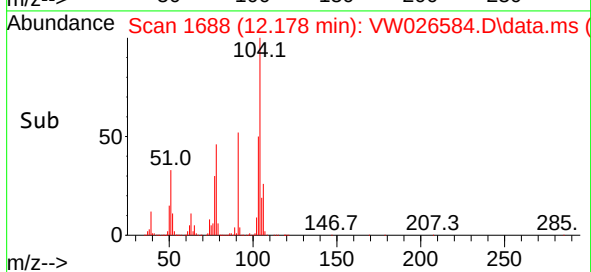
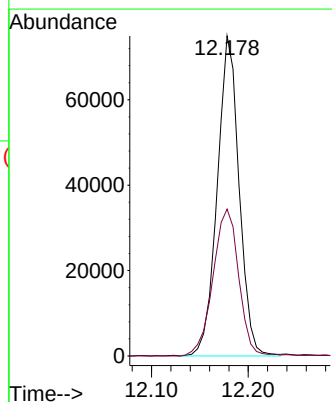
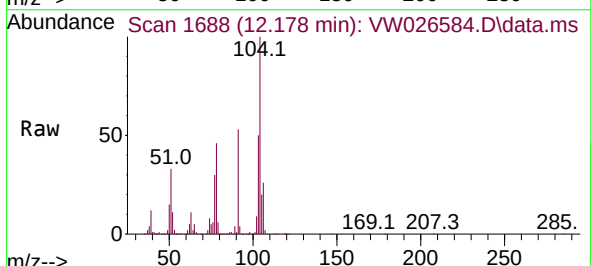
Acq: 11 Jul 2023 09:00

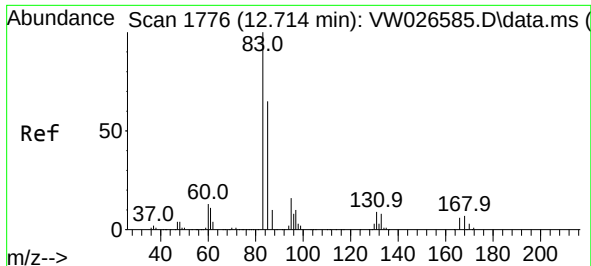
Tgt Ion:104 Resp: 117597

Ion Ratio Lower Upper

104 100

78 45.9 34.6 64.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.256 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD005415

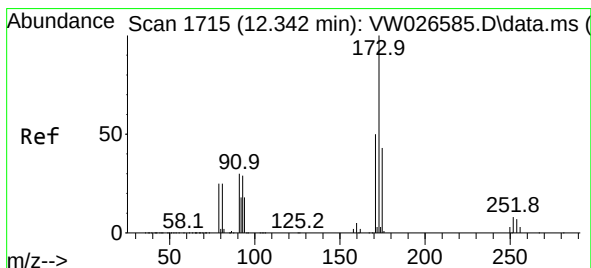
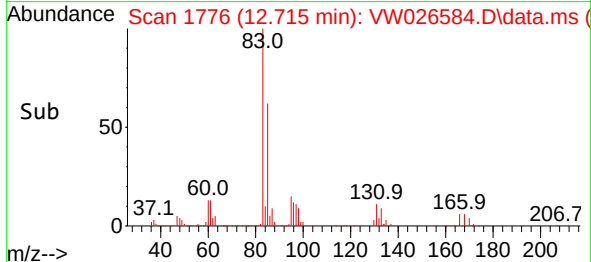
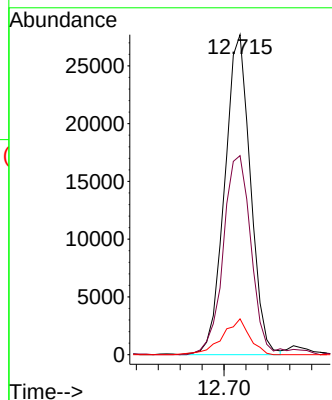
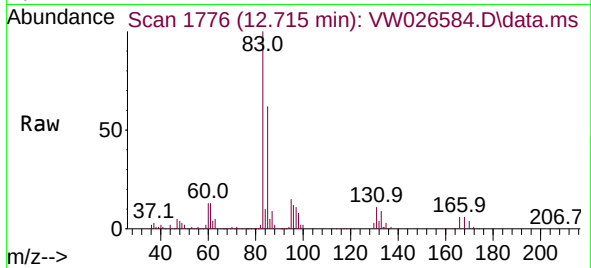
Tgt Ion: 83 Resp: 45134

Ion Ratio Lower Upper

83 100

85 62.2 46.2 85.8

131 11.2 7.2 10.8#



#59

Bromoform

Concen: 5.173 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

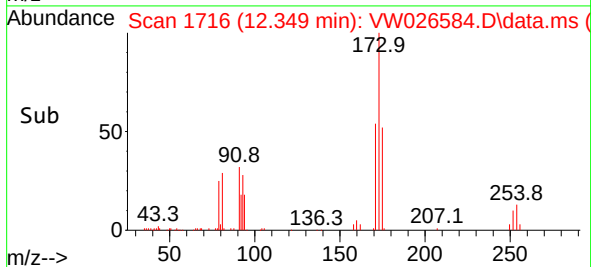
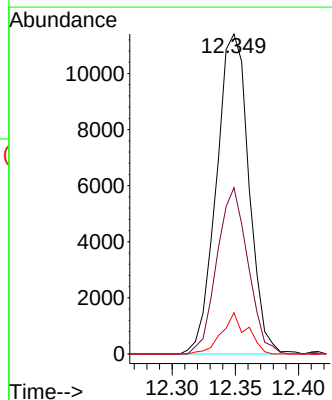
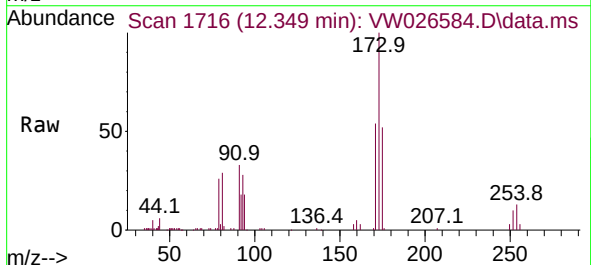
Tgt Ion: 173 Resp: 20328

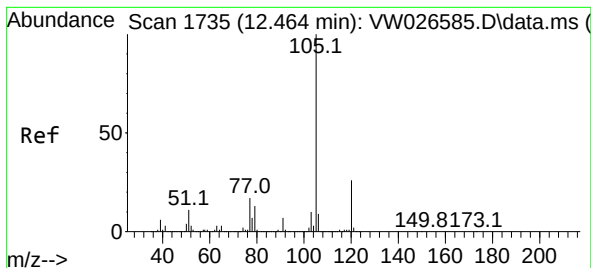
Ion Ratio Lower Upper

173 100

175 49.7 36.6 54.8

254 10.2 7.8 11.6





#60

Isopropylbenzene

Concen: 5.017 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD005415

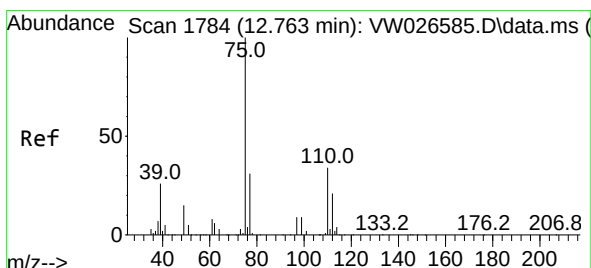
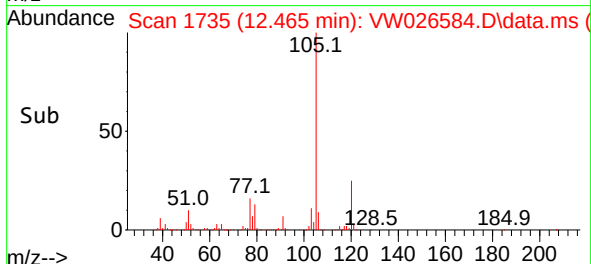
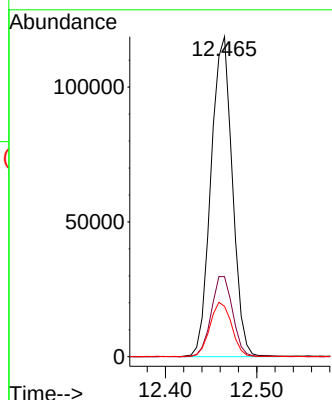
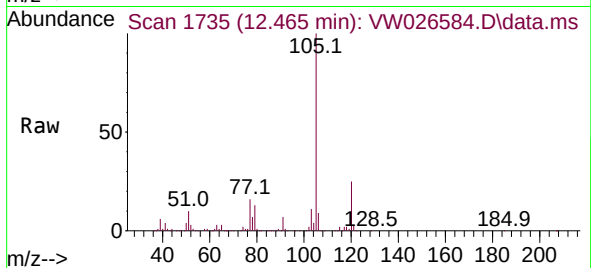
Tgt Ion:105 Resp: 192840

Ion Ratio Lower Upper

105 100

120 25.1 20.5 30.7

77 17.3 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 5.372 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

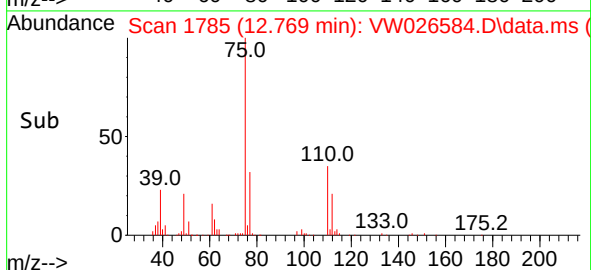
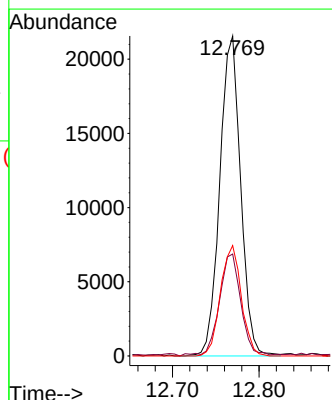
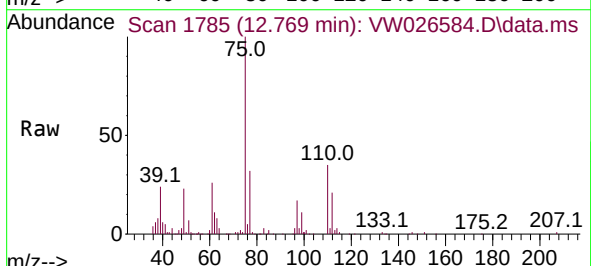
Tgt Ion: 75 Resp: 36048

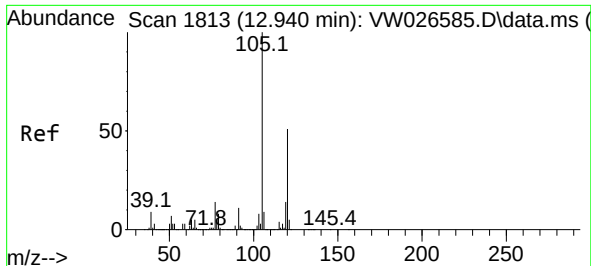
Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

110 34.5 28.3 42.5

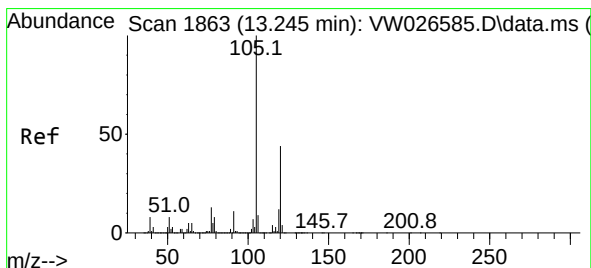
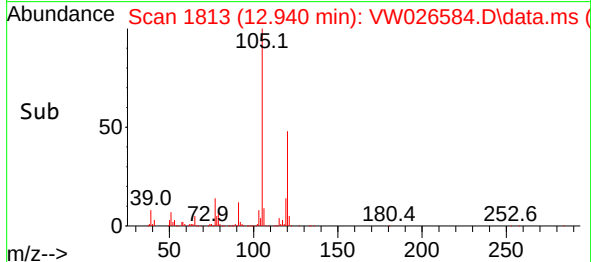
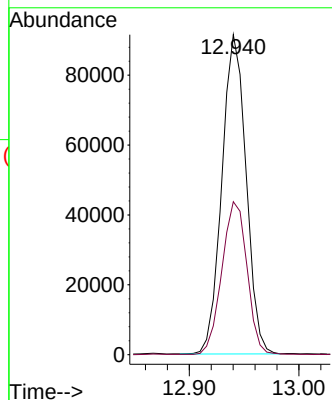
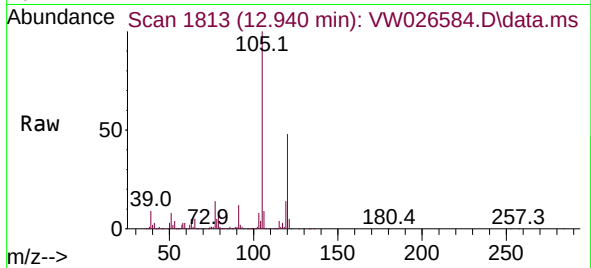




#62
 1,3,5-Trimethylbenzene
 Concen: 4.754 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW026584.D
 Acq: 11 Jul 2023 09:00

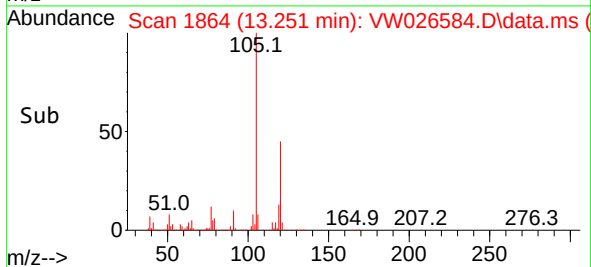
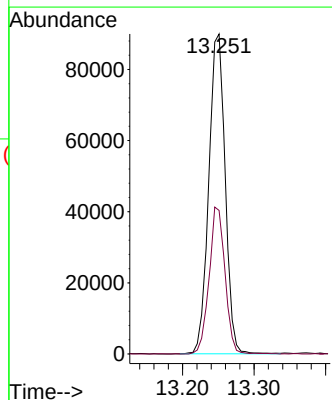
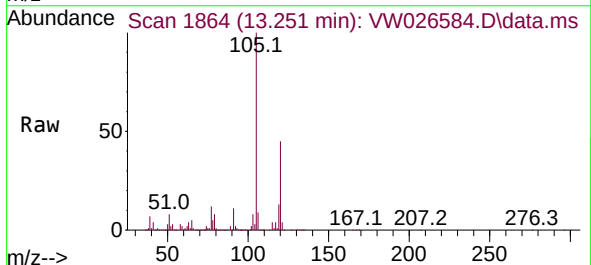
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005415

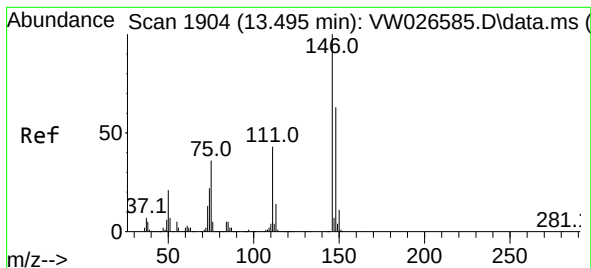
Tgt Ion:105 Resp: 140170
 Ion Ratio Lower Upper
 105 100
 120 49.5 38.4 57.6



#63
 1,2,4-Trimethylbenzene
 Concen: 4.893 ug/L
 RT: 13.251 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VW026584.D
 Acq: 11 Jul 2023 09:00

Tgt Ion:105 Resp: 143018
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 5.373 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD005415

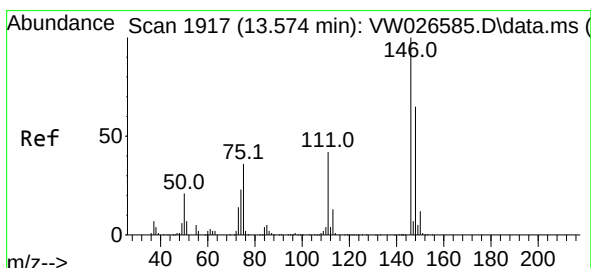
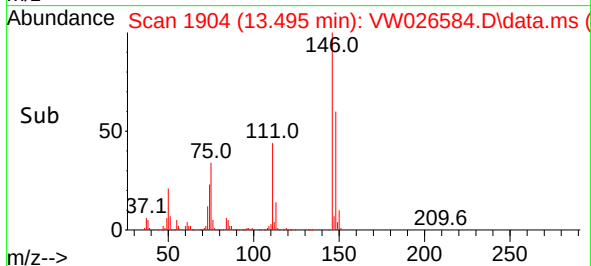
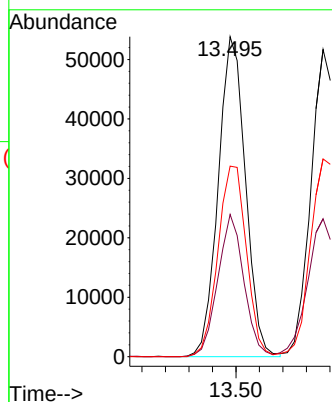
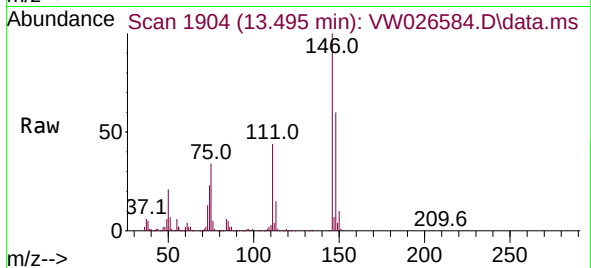
Tgt Ion:146 Resp: 86666

Ion Ratio Lower Upper

146 100

111 44.4 30.4 56.4

148 59.6 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 5.263 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

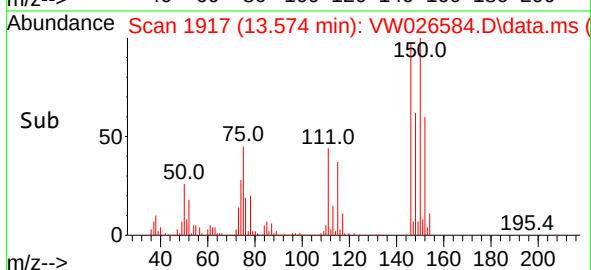
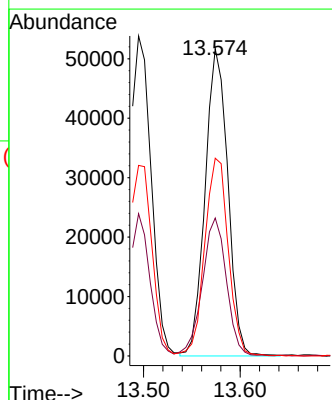
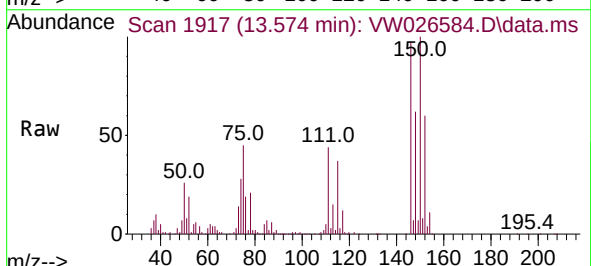
Tgt Ion:146 Resp: 84671

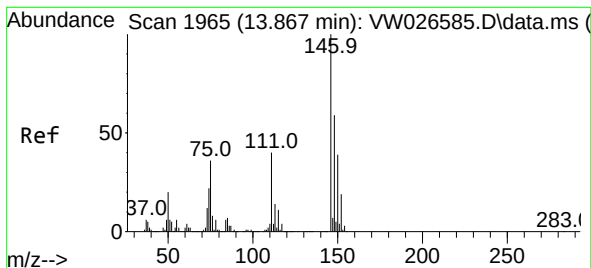
Ion Ratio Lower Upper

146 100

111 44.9 29.7 55.1

148 64.3 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 5.307 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD005415

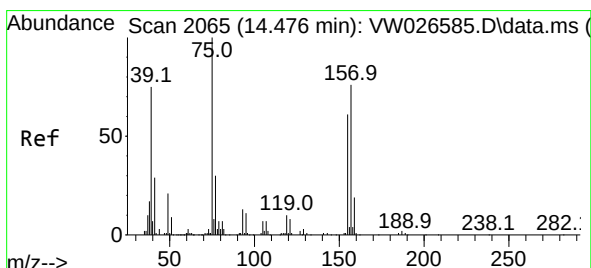
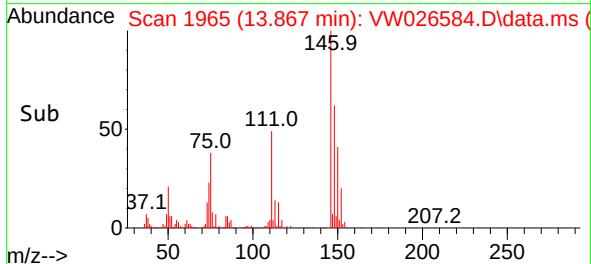
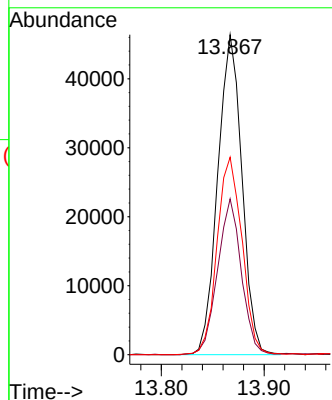
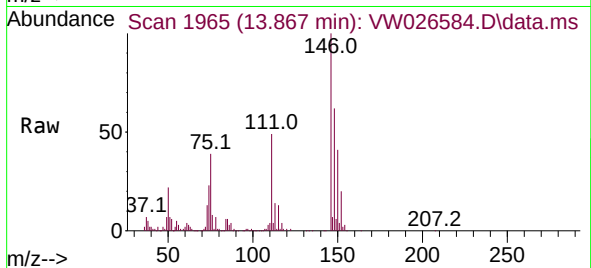
Tgt Ion:146 Resp: 75759

Ion Ratio Lower Upper

146 100

111 48.7 31.8 47.8#

148 61.7 46.9 70.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.933 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026584.D

Acq: 11 Jul 2023 09:00

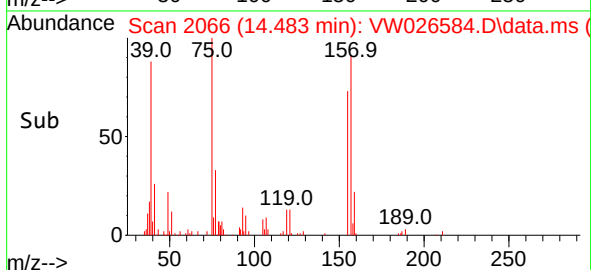
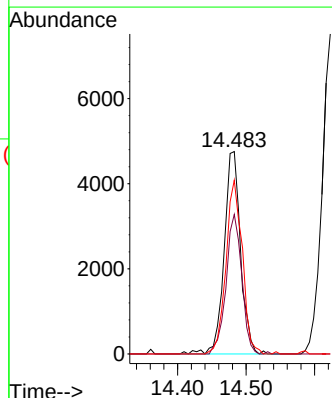
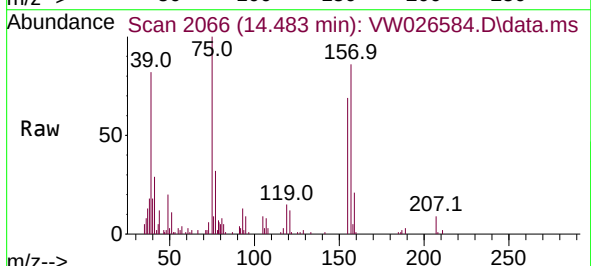
Tgt Ion: 75 Resp: 7881

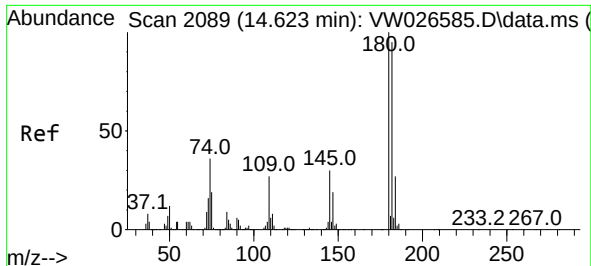
Ion Ratio Lower Upper

75 100

155 69.0 49.1 73.7

157 85.9 60.6 90.8

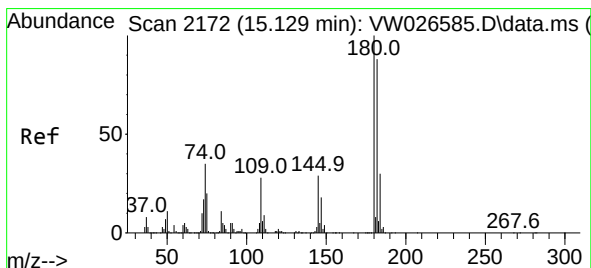
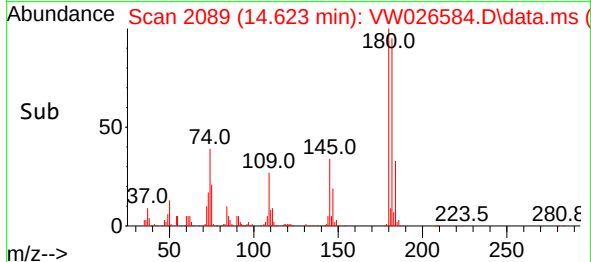
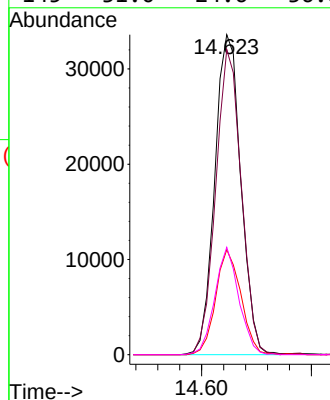
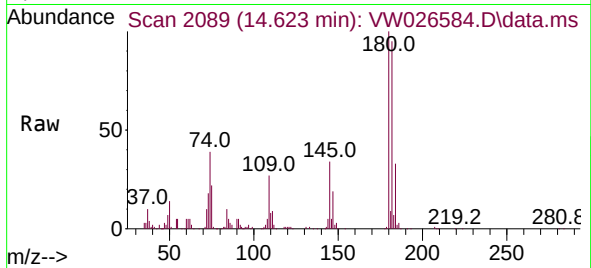




#69
 1,3,5-Trichlorobenzene
 Concen: 5.212 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW026584.D
 Acq: 11 Jul 2023 09:00

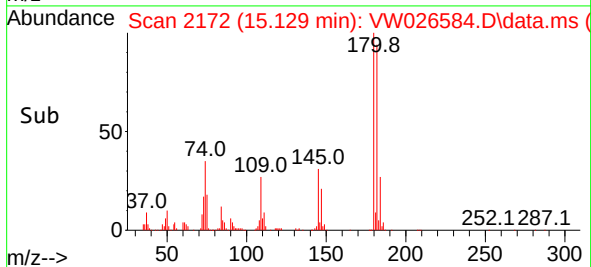
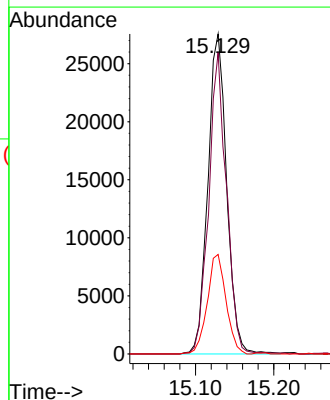
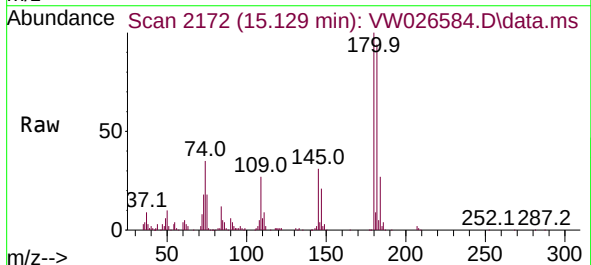
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005415

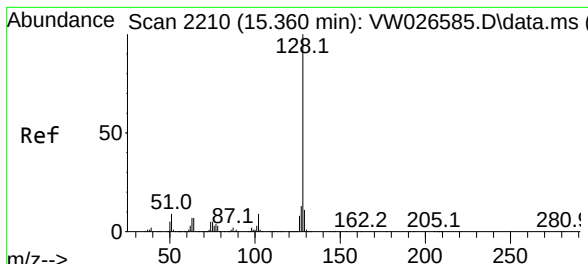
Tgt Ion:	180	Resp:	55636
Ion Ratio	Lower	Upper	
180	100		
182	93.3	75.8	113.6
184	31.8	23.7	35.5
145	31.0	24.6	36.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.262 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW026584.D
 Acq: 11 Jul 2023 09:00

Tgt Ion:	180	Resp:	46089
Ion Ratio	Lower	Upper	
180	100		
182	88.8	73.5	110.3
145	30.9	25.0	37.6

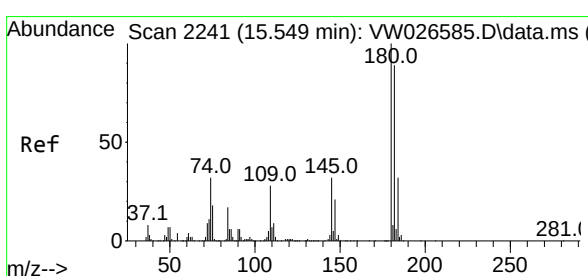
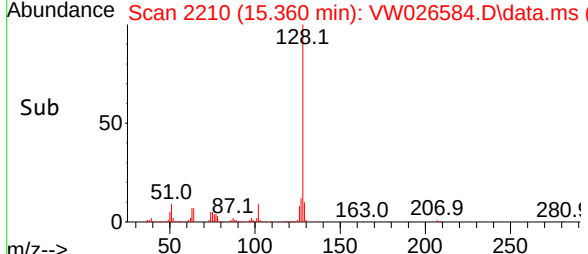
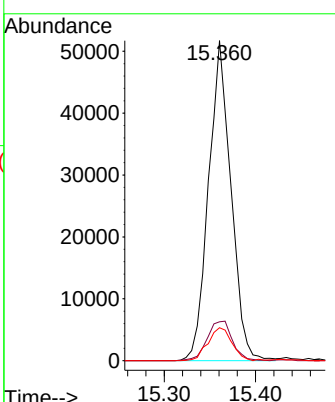
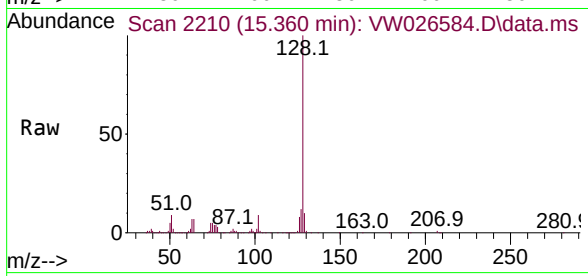




#71
 Naphthalene
 Concen: 4.445 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW026584.D
 Acq: 11 Jul 2023 09:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005415

Tgt Ion:	128	Resp:	88181
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.6	16.0
129	11.0	8.7	13.1



#72
 1,2,3-Trichlorobenzene
 Concen: 5.397 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: VW026584.D
 Acq: 11 Jul 2023 09:00

Tgt Ion:	180	Resp:	44503
Ion Ratio	Lower	Upper	
180	100		
182	85.9	75.2	112.8
145	32.7	26.6	40.0

