

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
 Data File : VW062628.D
 Acq On : 26 Jun 2023 11:12
 Operator : SY/MD
 Sample : VSTD2.565
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5465

Quant Time: Jun 27 01:25:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 27 01:25:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	646242	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	590177	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	282433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	21719	2.314	ug/L	0.00
7) Chloroethane-d5	2.899	69	17833	2.668	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	9612	2.261	ug/L	0.00
21) 2-Butanone-d5	6.941	46	120	0.041	ug/L	-0.14
24) Chloroform-d	7.648	84	48639	2.656	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	27478	2.670	ug/L	0.00
32) Benzene-d6	8.276	84	91378	2.501	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	30771	2.592	ug/L	0.00
41) Toluene-d8	10.325	98	76384	2.389	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	11452	2.403	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	7632	4.186	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	24712	2.644	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	25229	2.566	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	11825	1.547	ug/L	94
3) Chloromethane	2.216	50	26764	2.383	ug/L	94
5) Vinyl chloride	2.375	62	30458	2.608	ug/L	96
6) Bromomethane	2.783	94	16937	2.642	ug/L	92
8) Chloroethane	2.936	64	18457	2.947	ug/L	98
9) Trichlorofluoromethane	3.271	101	20065	2.436	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	22440	2.549	ug/L #	65
12) 1,1-Dichloroethene	4.039	96	21024	2.516	ug/L	93
13) Acetone	4.125	43	15481	6.555	ug/L	91
14) Carbon disulfide	4.393	76	75503	2.557	ug/L	100
15) Methyl Acetate	4.673	43	12872	2.401	ug/L #	90
16) Methylene chloride	4.917	84	32604	2.974	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	15008	1.631	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	33727	2.348	ug/L	100
19) 1,1-Dichloroethane	6.216	63	51031	2.653	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	24698	2.488	ug/L	92
22) 2-Butanone	7.173	43	18631	5.156	ug/L	97
23) Bromochloromethane	7.514	128	11161	2.622	ug/L	94
25) Chloroform	7.679	83	47785	2.681	ug/L	99
27) 1,2-Dichloroethane	8.404	62	33992	2.657	ug/L	95
29) Cyclohexane	7.959	56	37374	2.193	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	38930	2.727	ug/L	98
31) Carbon tetrachloride	8.075	117	34413	2.681	ug/L	98
33) Benzene	8.325	78	100513	2.521	ug/L	100
34) Trichloroethene	9.087	95	26465	2.593	ug/L	97
35) Methylcyclohexane	9.337	83	39920	2.281	ug/L	97
37) 1,2-Dichloropropane	9.270	63	3711	0.337	ug/L	98
38) Bromodichloromethane	9.642	83	32826	2.566	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	36234	2.271	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	30669	4.266	ug/L	99
42) Toluene	10.386	91	94857	2.372	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	30138	2.237	ug/L	94

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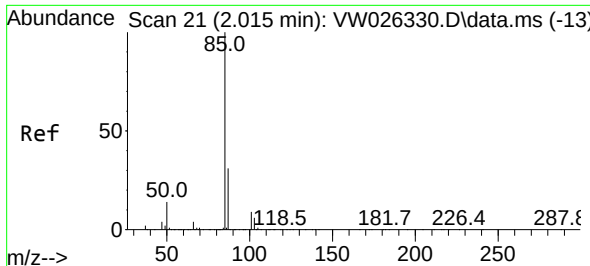
Quant Time: Jun 27 01:25:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 27 01:25:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	18857	2.529	ug/L	97
46) Tetrachloroethene	10.861	164	18569	2.582	ug/L	95
48) 2-Hexanone	10.965	43	21405	4.220	ug/L	98
49) Dibromochloromethane	11.123	129	18876	2.472	ug/L	95
50) 1,2-Dibromoethane	11.233	107	16553	2.418	ug/L	100
51) Chlorobenzene	11.654	112	66881	2.623	ug/L	99
52) Ethylbenzene	11.727	91	107558	2.387	ug/L	100
53) m,p-Xylene	11.837	106	36864	2.243	ug/L	96
54) o-Xylene	12.166	106	35337	2.284	ug/L	89
55) Styrene	12.178	104	58857	2.181	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	23853	2.559	ug/L	99
59) Bromoform	12.349	173	9865	2.309	ug/L	94
60) Isopropylbenzene	12.458	105	93937	2.213	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	17790	2.591	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	69682	2.118	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	61401	1.935	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	45773	2.518	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	48591	2.671	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	41825	2.583	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	4177	2.645	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	29286	2.507	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	21720	2.272	ug/L	96
71) Naphthalene	15.360	128	36524	1.900	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	22800	2.554	ug/L	97

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

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Quant Title : SFAM01.0
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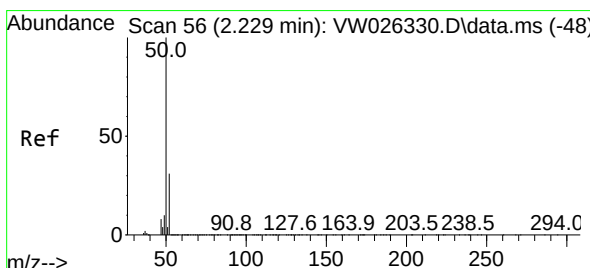
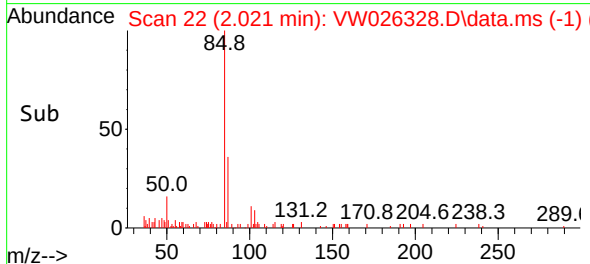
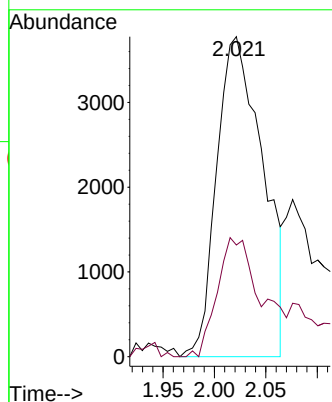
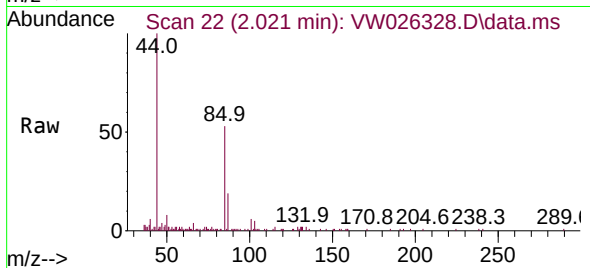




#2
Dichlorodifluoromethane
Concen: 1.547 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

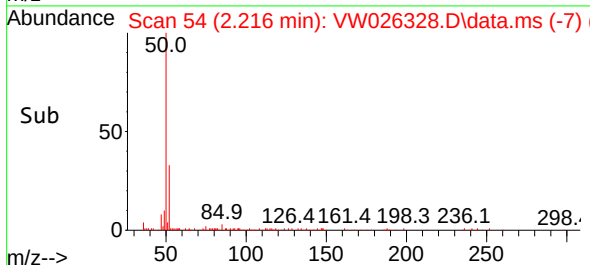
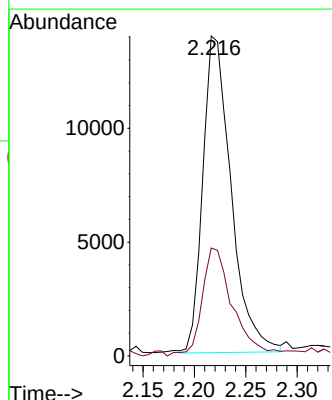
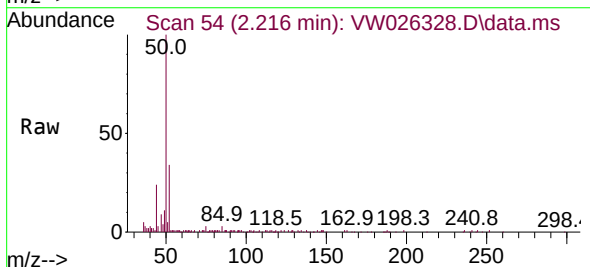
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5465

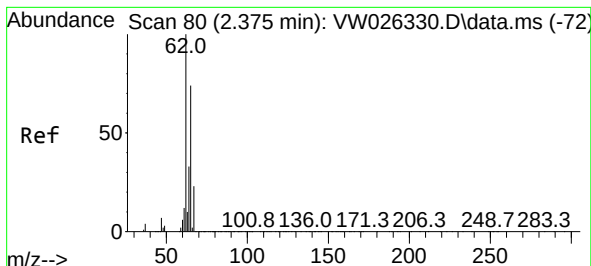
Tgt Ion: 85 Resp: 11825
Ion Ratio Lower Upper
85 100
87 28.4 25.2 37.8



#3
Chloromethane
Concen: 2.383 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.012 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt Ion: 50 Resp: 26764
Ion Ratio Lower Upper
50 100
52 33.7 21.4 39.8





#5

Vinyl chloride

Concen: 2.608 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW026328.D

Acq: 26 Jun 2023 11:12

Instrument :

MSVOA_W

ClientSampleId :

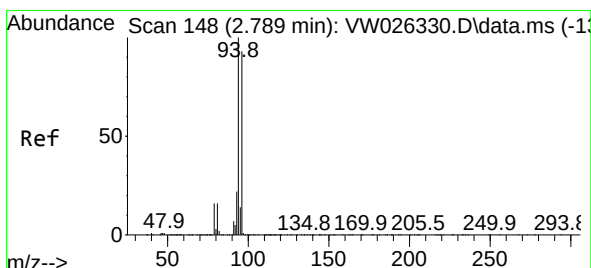
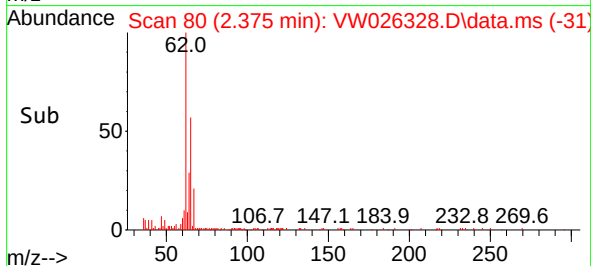
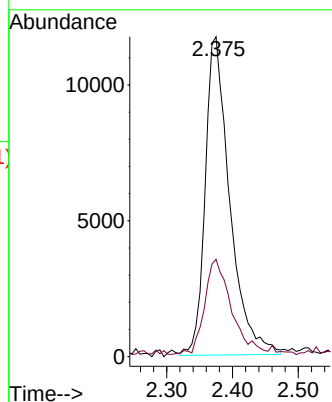
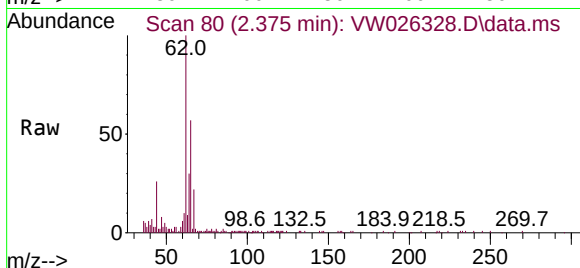
VSTD2.5465

Tgt Ion: 62 Resp: 30458

Ion Ratio Lower Upper

62 100

64 30.4 23.0 42.8



#6

Bromomethane

Concen: 2.642 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW026328.D

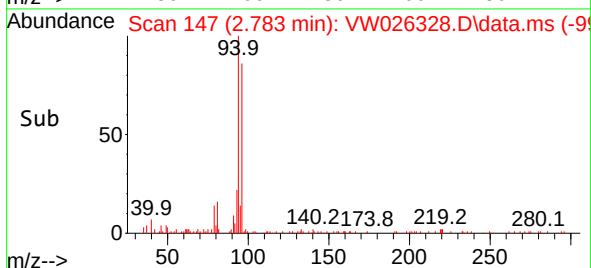
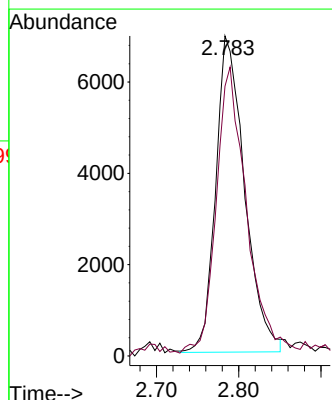
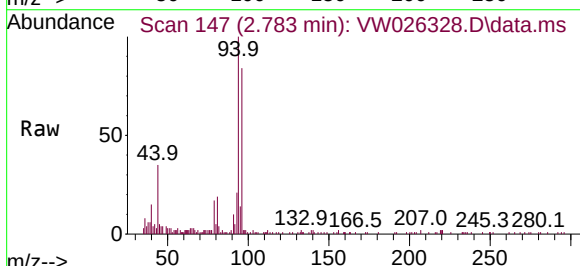
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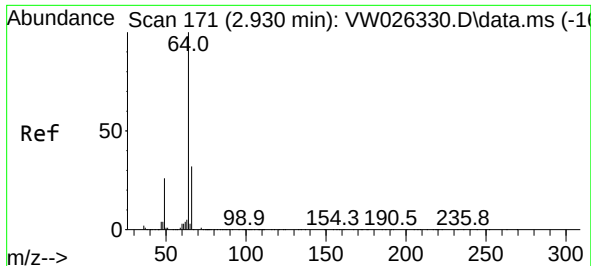
Tgt Ion: 94 Resp: 16937

Ion Ratio Lower Upper

94 100

96 84.3 64.6 120.0

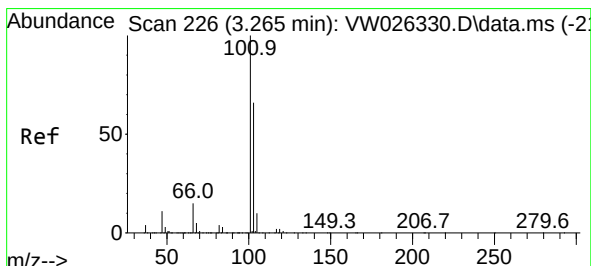
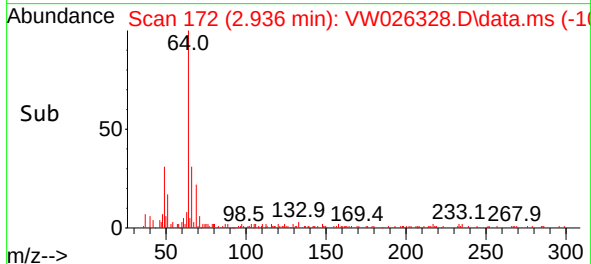
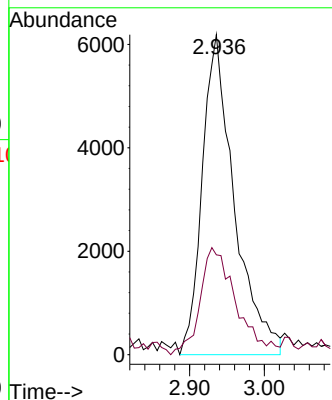
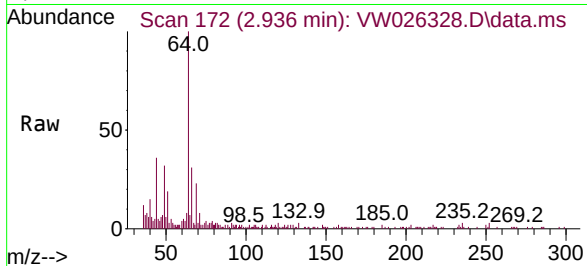




#8
Chloroethane
Concen: 2.947 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

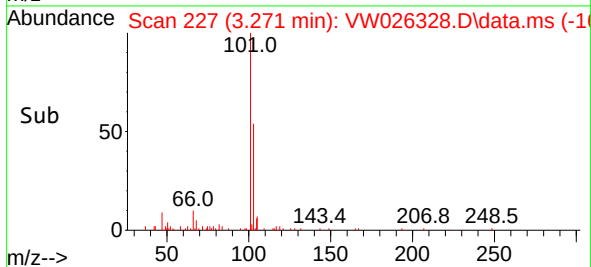
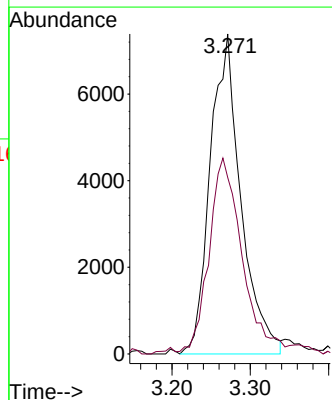
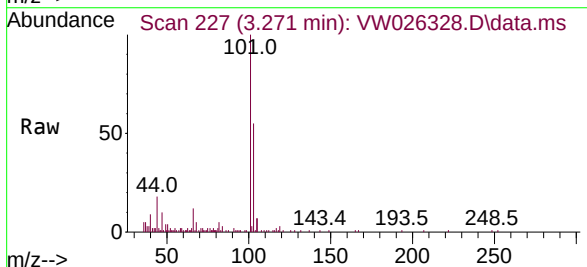
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5465

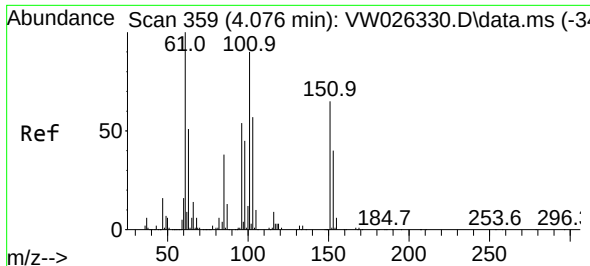
Tgt Ion: 64 Resp: 18457
Ion Ratio Lower Upper
64 100
66 31.2 22.5 41.7



#9
Trichlorofluoromethane
Concen: 2.436 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt Ion: 101 Resp: 20065
Ion Ratio Lower Upper
101 100
103 63.1 52.9 79.3

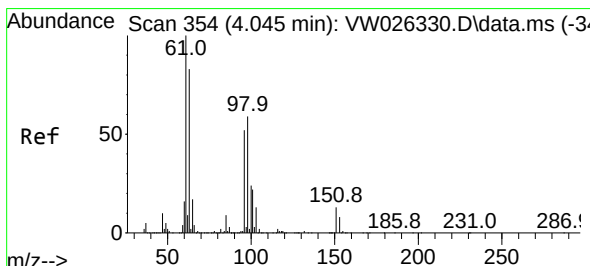
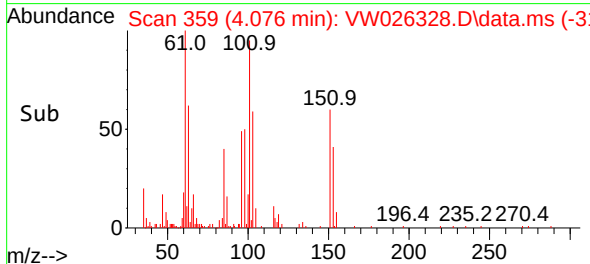
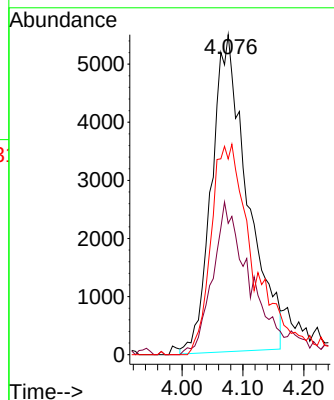
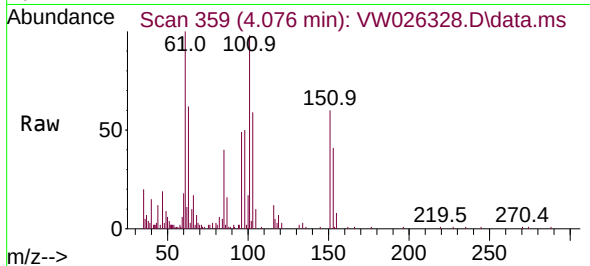




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.549 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW026328.D
 Acq: 26 Jun 2023 11:12

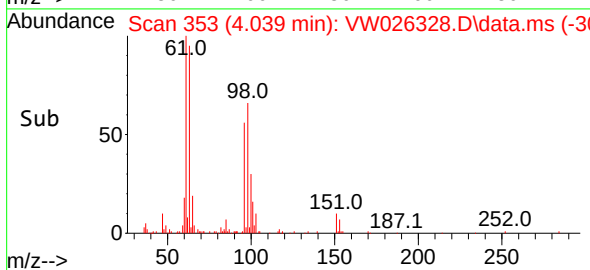
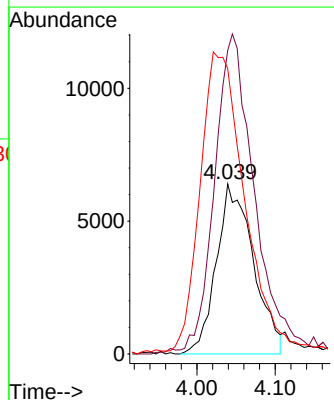
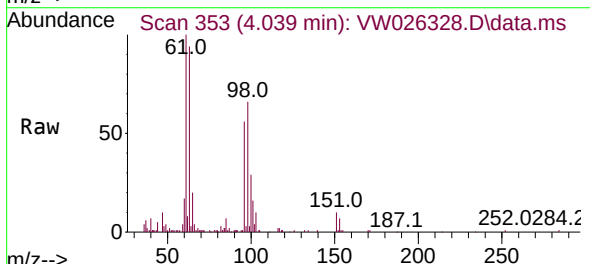
Instrument :
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 ClientSampleId :
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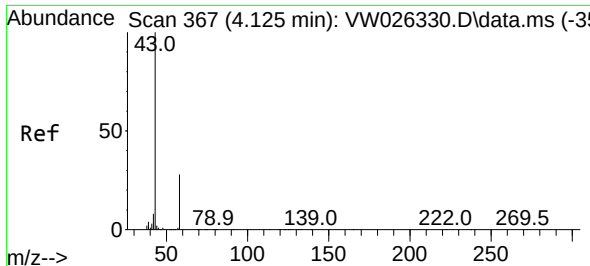
Tgt Ion:101 Resp: 22440
 Ion Ratio Lower Upper
 101 100
 85 31.6 35.4 53.0#
 151 33.3 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 2.516 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW026328.D
 Acq: 26 Jun 2023 11:12

Tgt Ion: 96 Resp: 21024
 Ion Ratio Lower Upper
 96 100
 61 178.4 134.3 249.3
 63 167.7 112.3 208.5

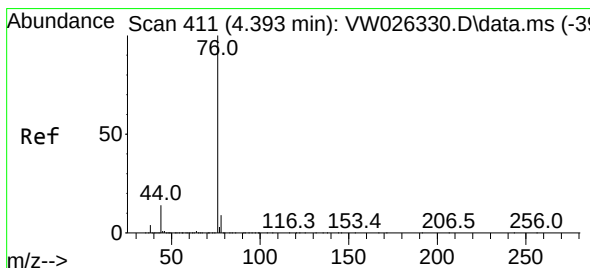
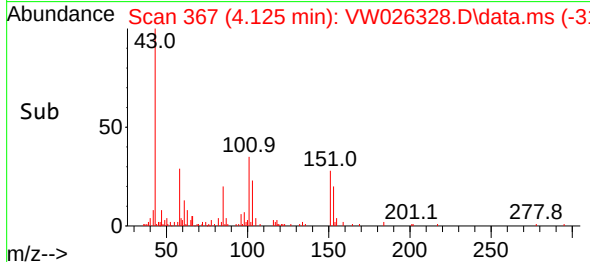
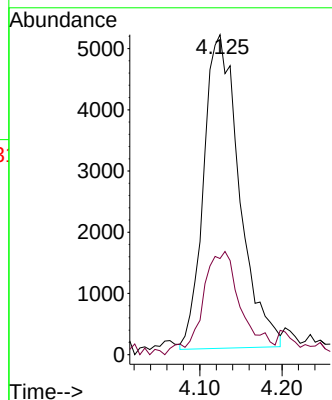
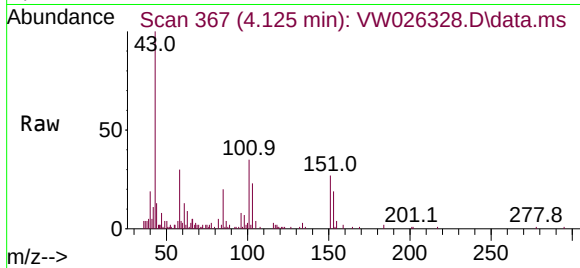




#13
Acetone
Concen: 6.555 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

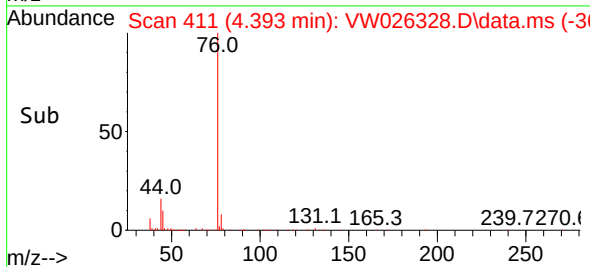
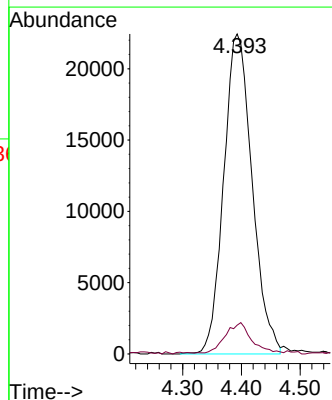
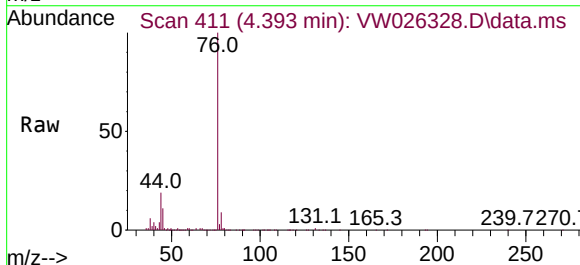
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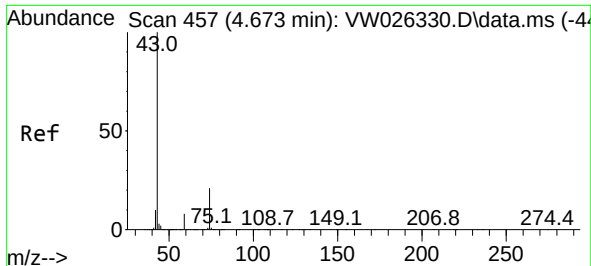
Tgt Ion: 43 Resp: 15481
Ion Ratio Lower Upper
43 100
58 32.5 0.0 55.8



#14
Carbon disulfide
Concen: 2.557 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt Ion: 76 Resp: 75503
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

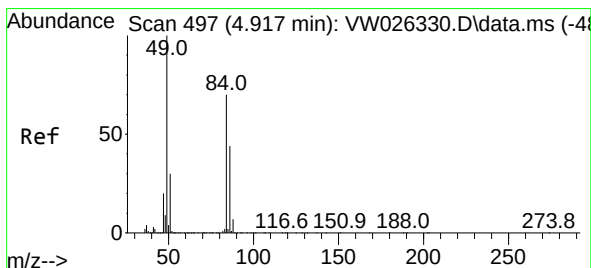
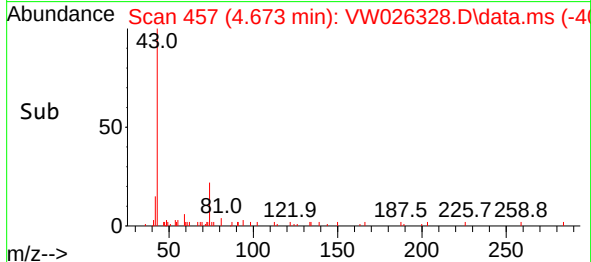
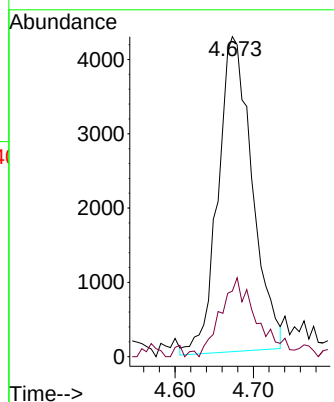
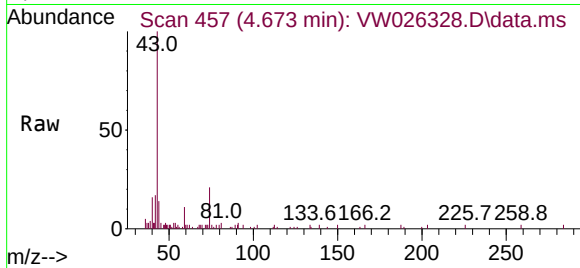




#15
Methyl Acetate
Concen: 2.401 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

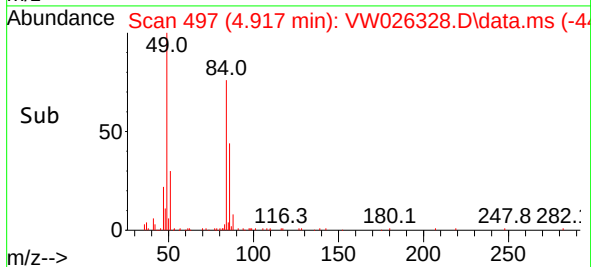
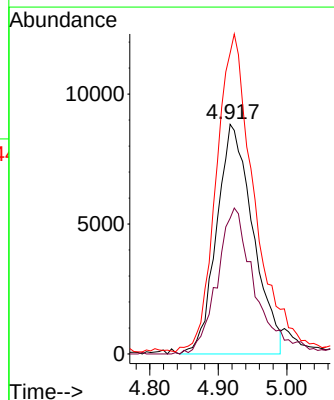
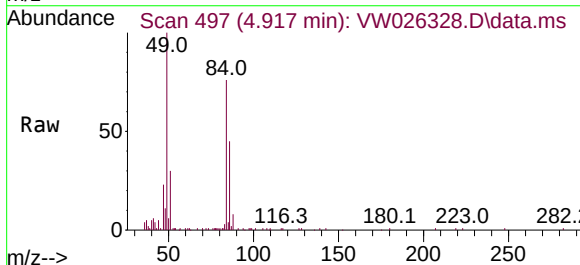
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MSVOA_W
ClientSampleId :
VSTD2.5465

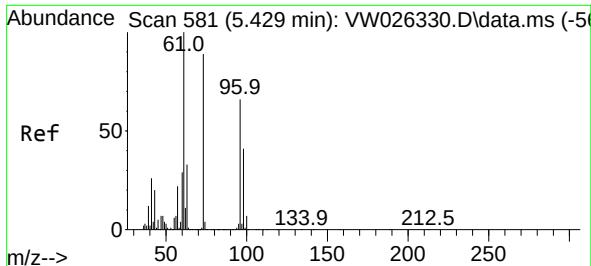
Tgt Ion: 43 Resp: 12872
Ion Ratio Lower Upper
43 100
74 25.2 16.3 24.5#



#16
Methylene chloride
Concen: 2.974 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt Ion: 84 Resp: 32604
Ion Ratio Lower Upper
84 100
86 59.1 43.9 81.5
49 131.0 100.4 186.4

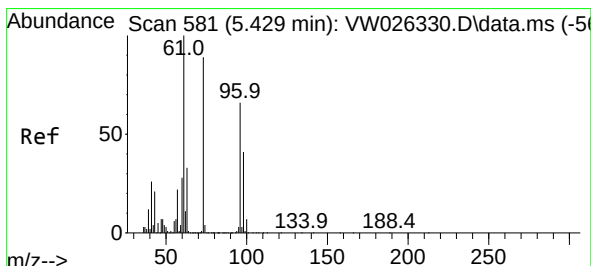
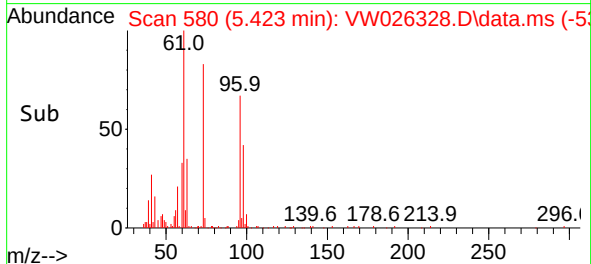
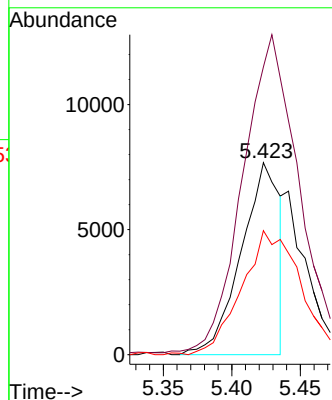
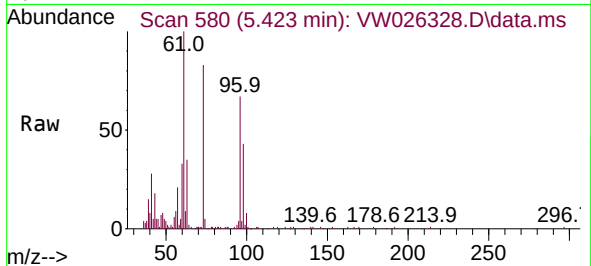




#17
trans-1,2-Dichloroethene
Concen: 1.631 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

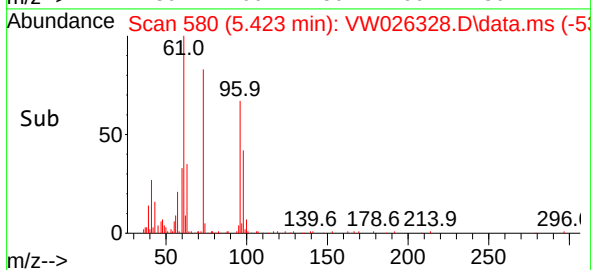
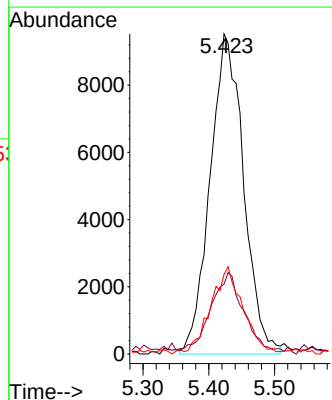
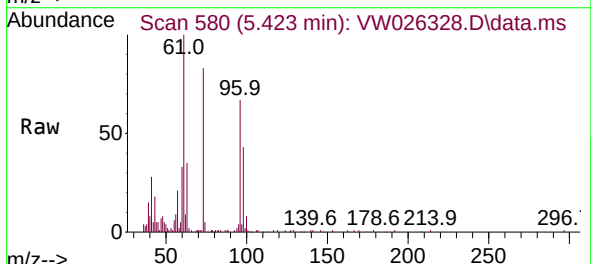
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5465

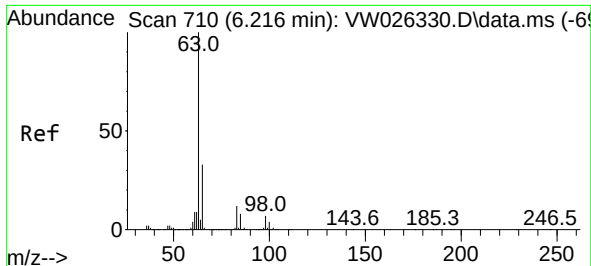
Tgt Ion: 96 Resp: 15008
Ion Ratio Lower Upper
96 100
61 149.9 106.1 197.1
98 64.6 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 2.348 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt Ion: 73 Resp: 33727
Ion Ratio Lower Upper
73 100
43 22.4 18.1 27.1
57 24.6 19.5 29.3





#19

1,1-Dichloroethane

Concen: 2.653 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026328.D

Acq: 26 Jun 2023 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5465

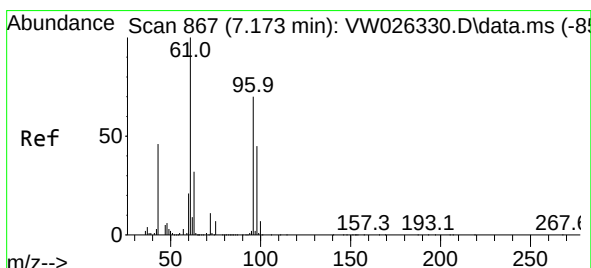
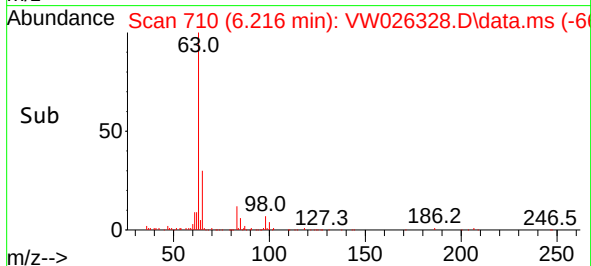
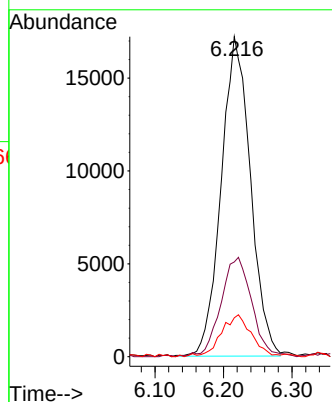
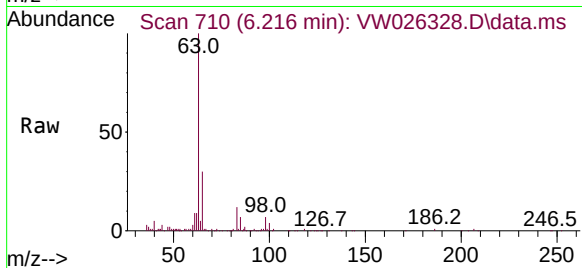
Tgt Ion: 63 Resp: 51031

Ion Ratio Lower Upper

63 100

65 29.6 22.8 42.4

83 12.2 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 2.488 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW026328.D

Acq: 26 Jun 2023 11:12

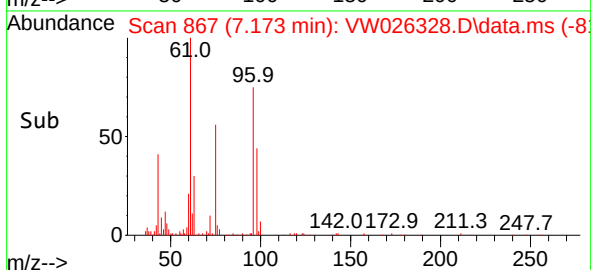
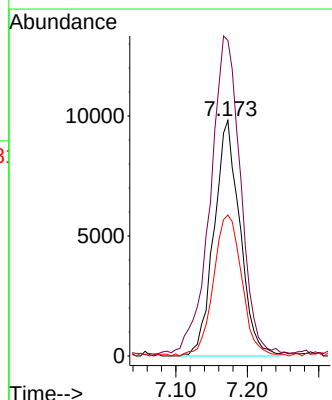
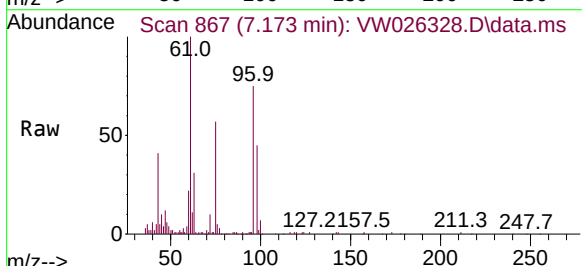
Tgt Ion: 96 Resp: 24698

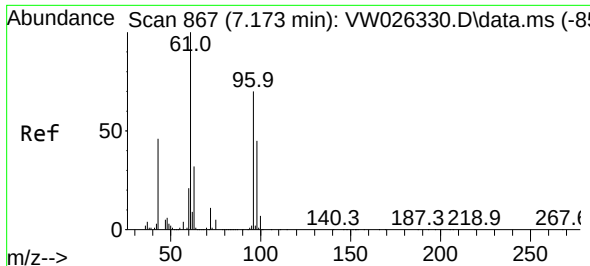
Ion Ratio Lower Upper

96 100

61 133.9 100.8 187.2

98 59.8 45.7 84.9

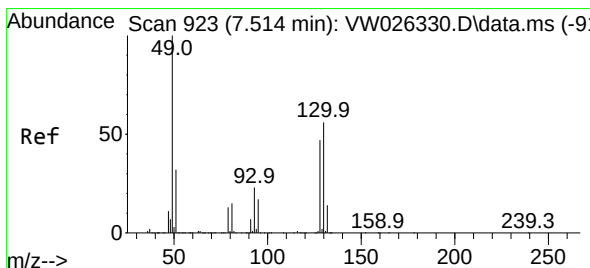
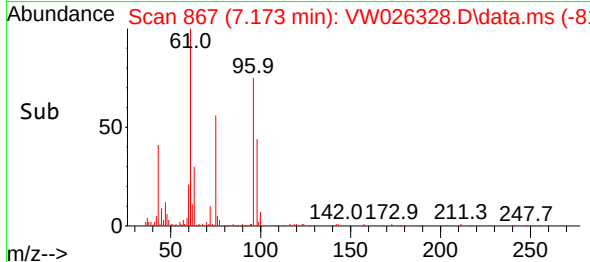
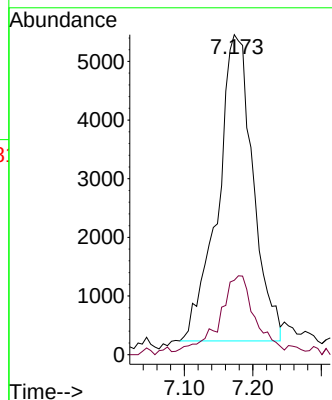
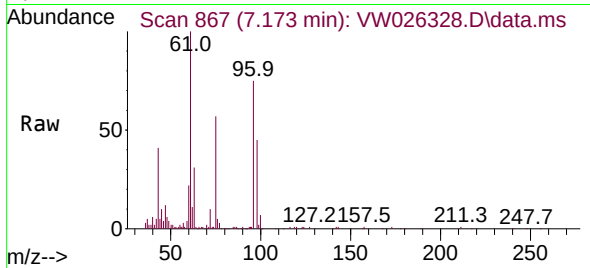




#22
2-Butanone
Concen: 5.156 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

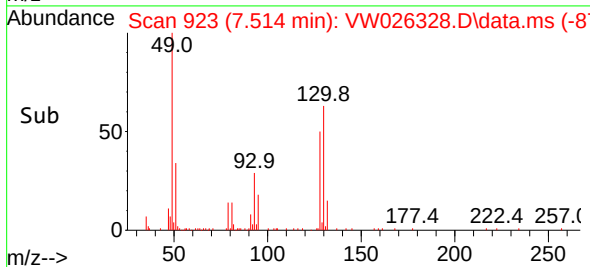
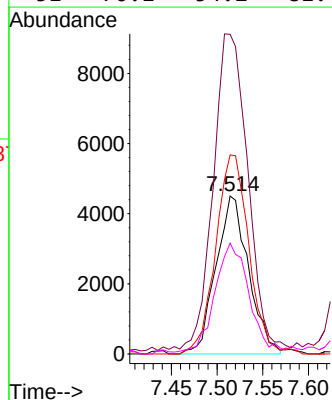
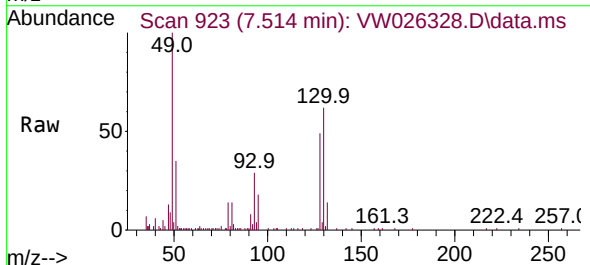
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5465

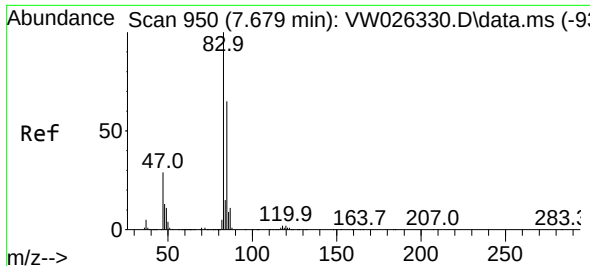
Tgt Ion: 43 Resp: 18631
Ion Ratio Lower Upper
43 100
72 22.0 11.8 35.3



#23
Bromochloromethane
Concen: 2.622 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt Ion: 128 Resp: 11161
Ion Ratio Lower Upper
128 100
49 202.4 148.5 275.9
130 126.0 82.6 153.4
51 70.1 54.2 81.4

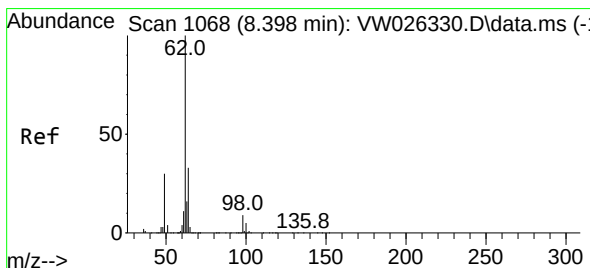
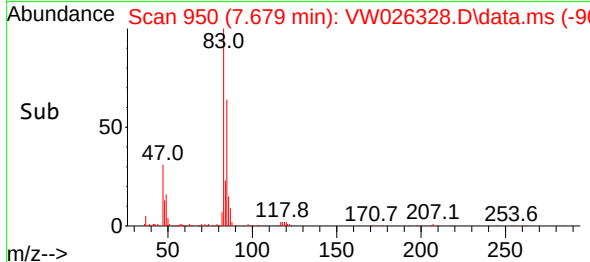
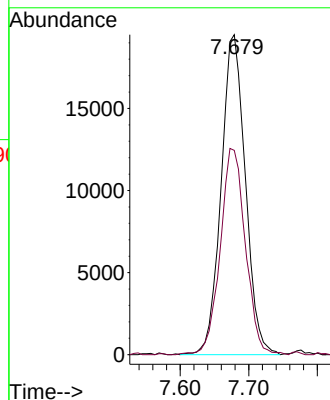
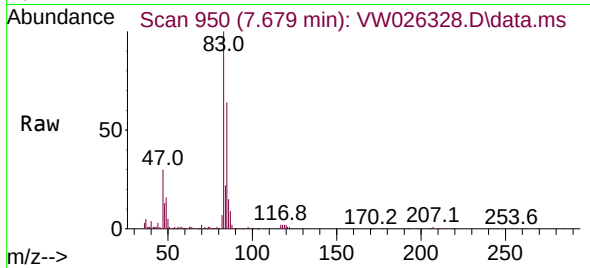




#25
Chloroform
Concen: 2.681 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

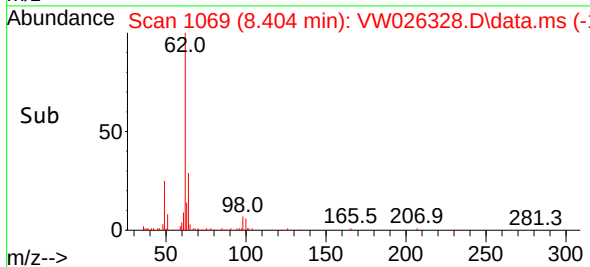
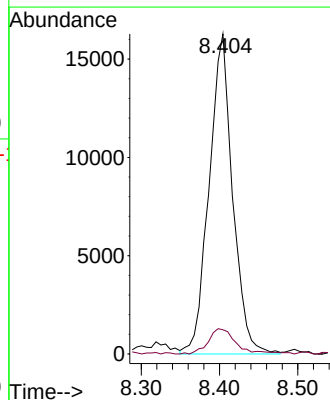
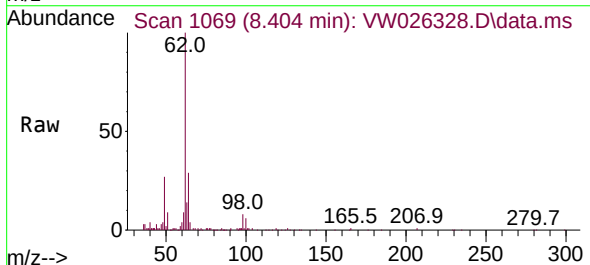
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5465

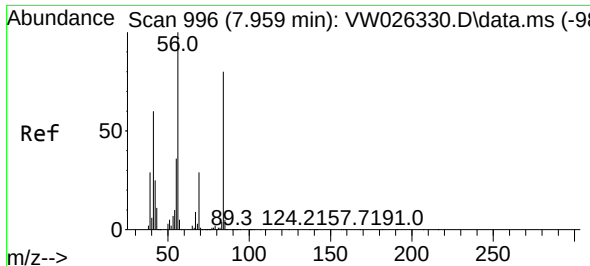
Tgt Ion: 83 Resp: 47785
Ion Ratio Lower Upper
83 100
85 63.9 45.3 84.1



#27
1,2-Dichloroethane
Concen: 2.657 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt Ion: 62 Resp: 33992
Ion Ratio Lower Upper
62 100
98 7.6 7.5 11.3

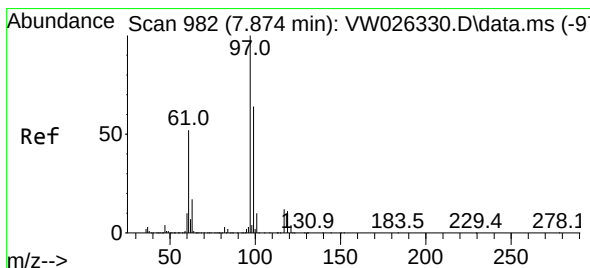
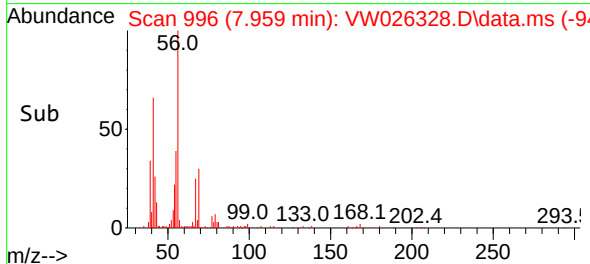
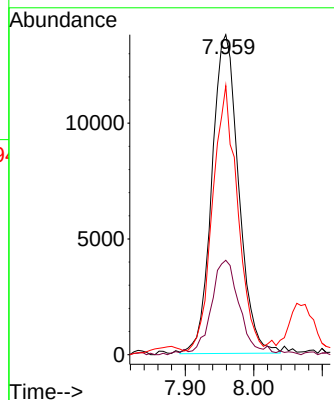
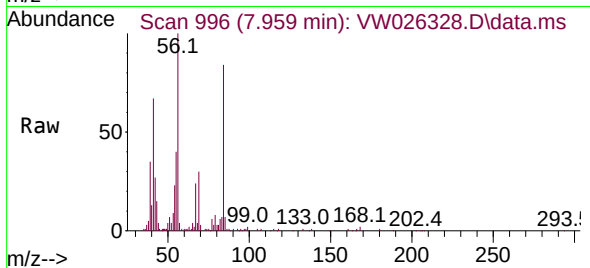




#29
Cyclohexane
Concen: 2.193 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

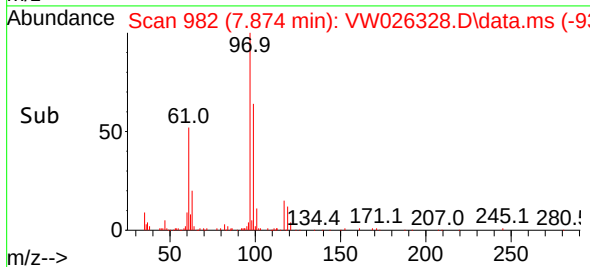
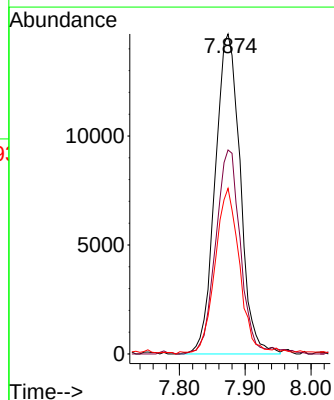
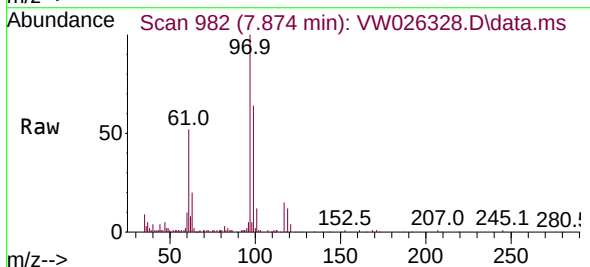
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5465

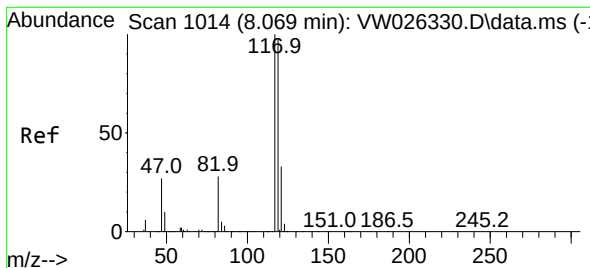
Tgt Ion: 56 Resp: 37374
Ion Ratio Lower Upper
56 100
69 29.8 23.0 34.4
84 78.4 63.4 95.0



#30
1,1,1-Trichloroethane
Concen: 2.727 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt Ion: 97 Resp: 38930
Ion Ratio Lower Upper
97 100
99 62.4 50.8 76.2
61 50.4 41.4 62.2

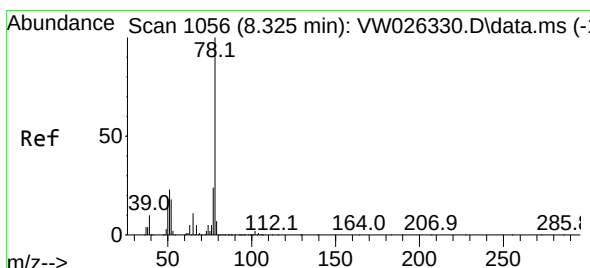
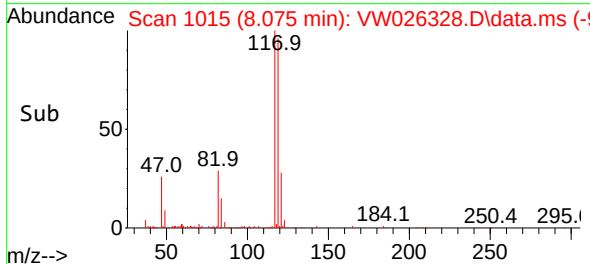
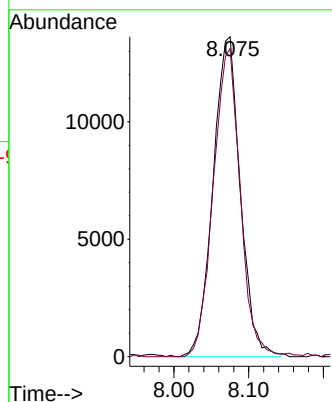
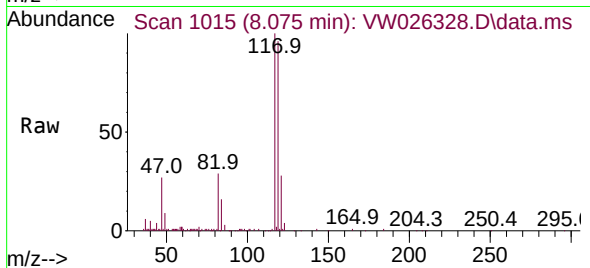




#31
Carbon tetrachloride
Concen: 2.681 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

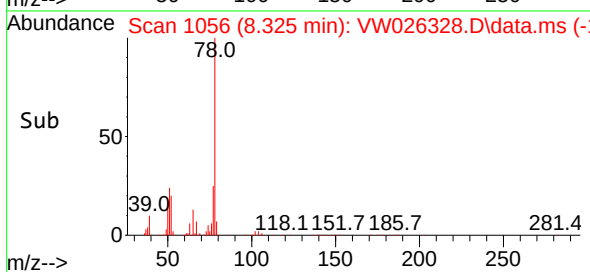
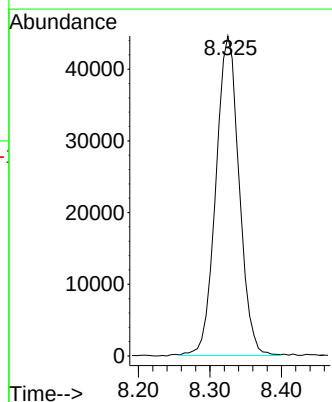
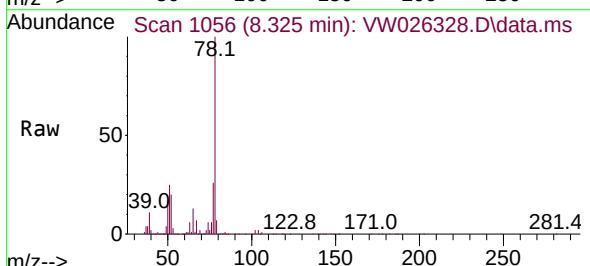
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5465

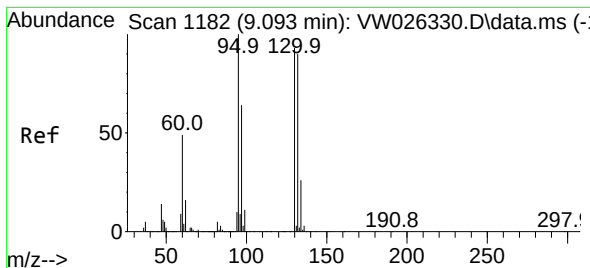
Tgt Ion:117 Resp: 34413
Ion Ratio Lower Upper
117 100
119 95.4 77.7 116.5



#33
Benzene
Concen: 2.521 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt Ion: 78 Resp: 100513





#34

Trichloroethene

Concen: 2.593 ug/L

RT: 9.087 min Scan# 1182

Delta R.T. -0.006 min

Lab File: VW026328.D

Acq: 26 Jun 2023 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5465

Tgt Ion: 95 Resp: 26465

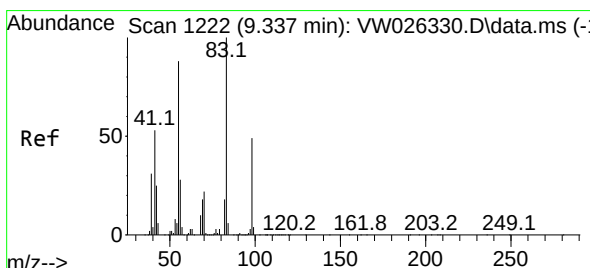
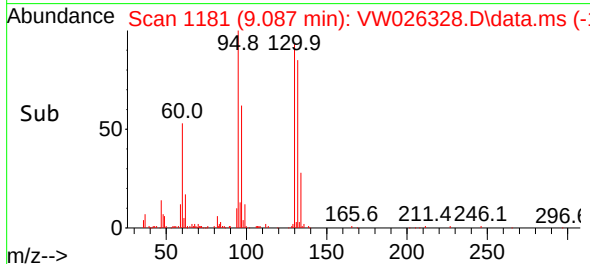
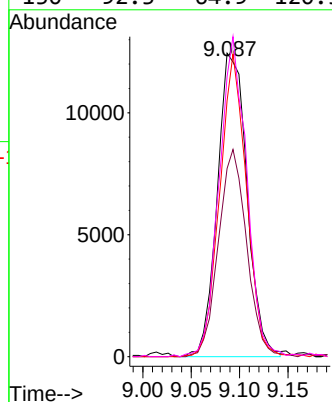
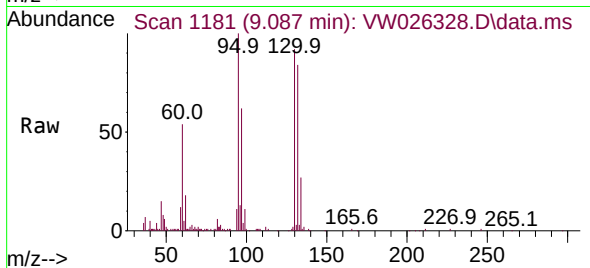
Ion Ratio Lower Upper

95 100

97 62.0 44.5 82.7

132 84.3 63.3 117.5

130 92.3 64.9 120.5



#35

Methylcyclohexane

Concen: 2.281 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW026328.D

Acq: 26 Jun 2023 11:12

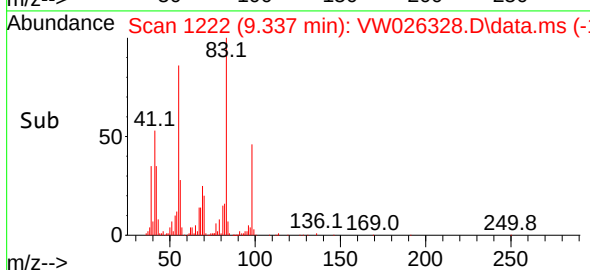
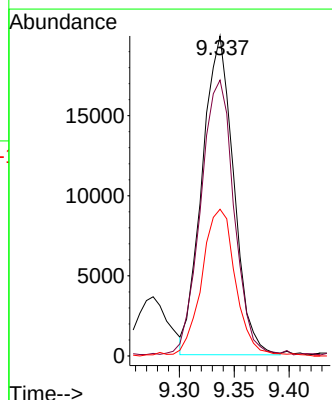
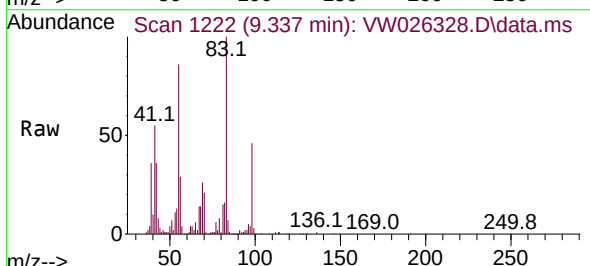
Tgt Ion: 83 Resp: 39920

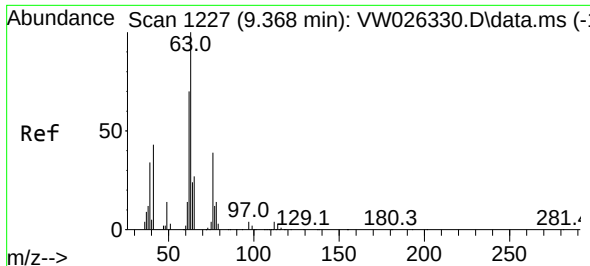
Ion Ratio Lower Upper

83 100

55 90.7 68.8 103.2

98 47.5 37.8 56.6





#37

1,2-Dichloropropane

Concen: 0.337 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.098 min

Lab File: VW026328.D

Acq: 26 Jun 2023 11:12

Instrument :

MSVOA_W

ClientSampleId :

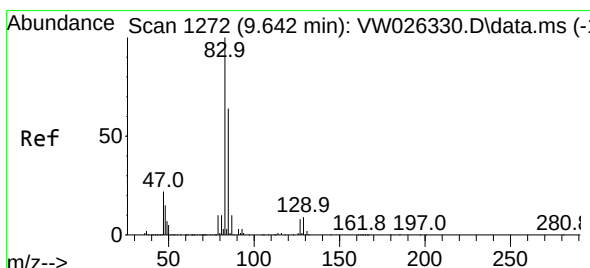
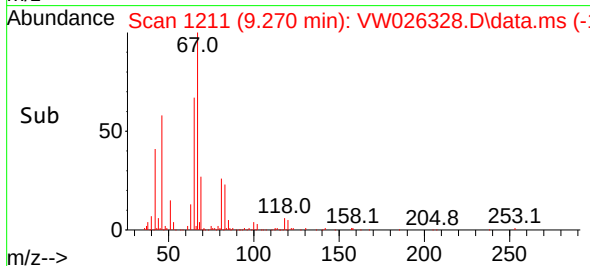
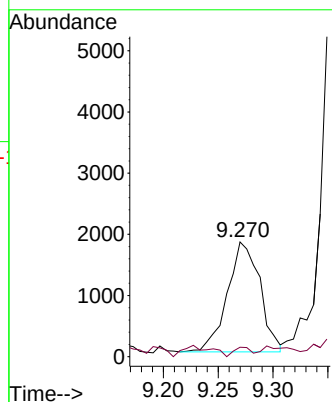
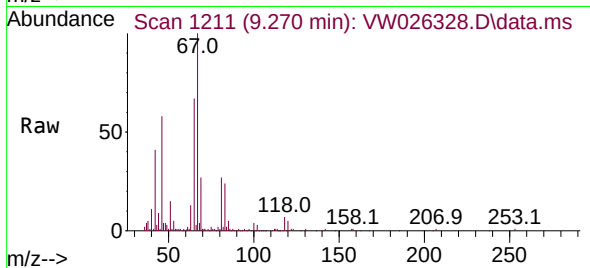
VSTD2.5465

Tgt Ion: 63 Resp: 3711

Ion Ratio Lower Upper

63 100

112 4.4 3.0 4.6



#38

Bromodichloromethane

Concen: 2.566 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026328.D

Acq: 26 Jun 2023 11:12

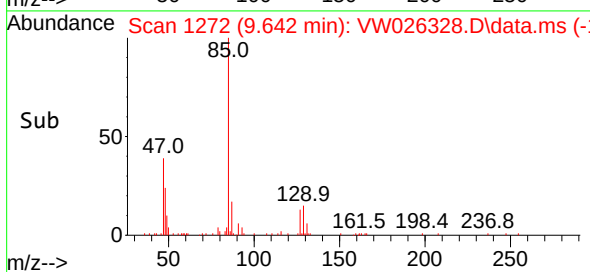
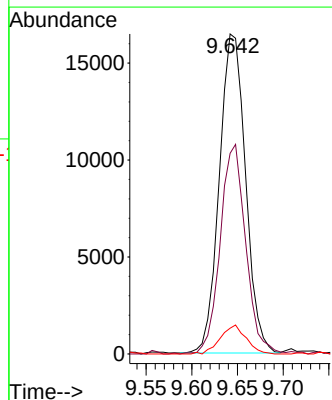
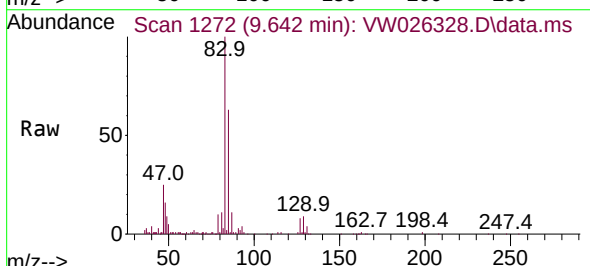
Tgt Ion: 83 Resp: 32826

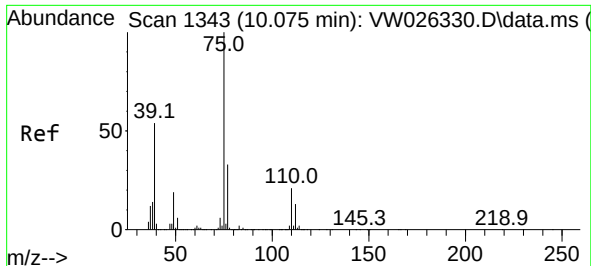
Ion Ratio Lower Upper

83 100

85 62.7 44.9 83.5

127 8.0 6.2 9.2

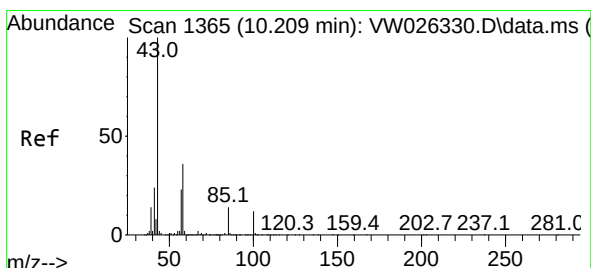
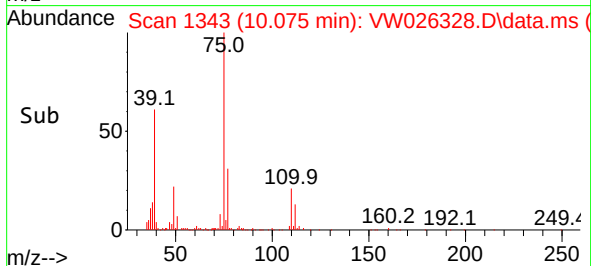
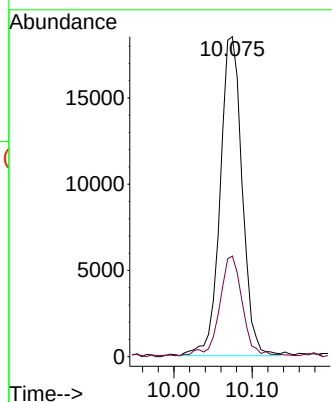
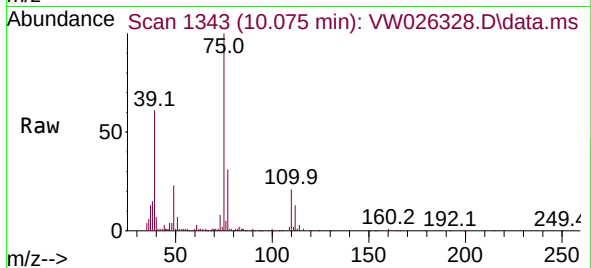




#39
 cis-1,3-Dichloropropene
 Concen: 2.271 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW026328.D
 Acq: 26 Jun 2023 11:12

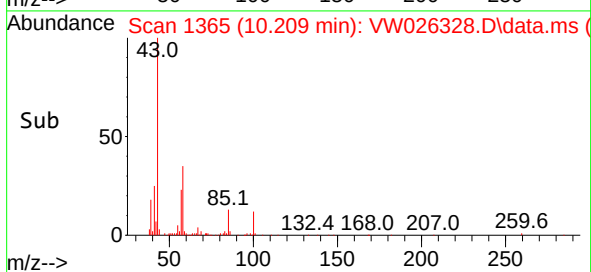
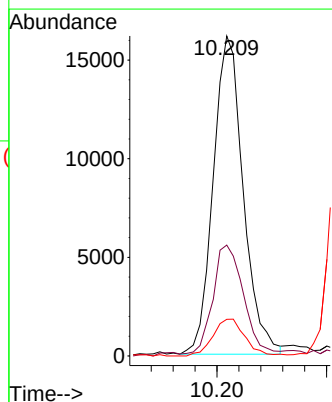
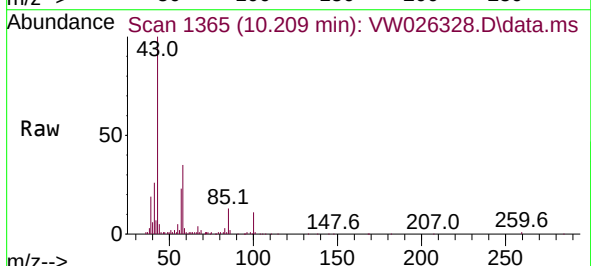
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5465

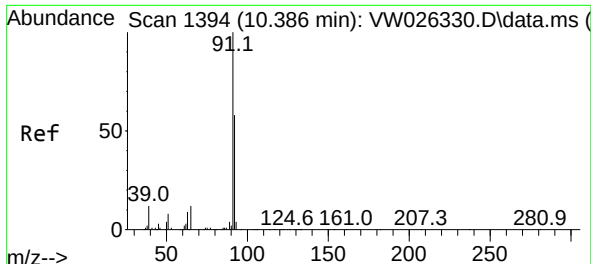
Tgt Ion: 75 Resp: 36234
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 4.266 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026328.D
 Acq: 26 Jun 2023 11:12

Tgt Ion: 43 Resp: 30669
 Ion Ratio Lower Upper
 43 100
 58 35.1 28.6 42.8
 100 12.3 9.9 14.9

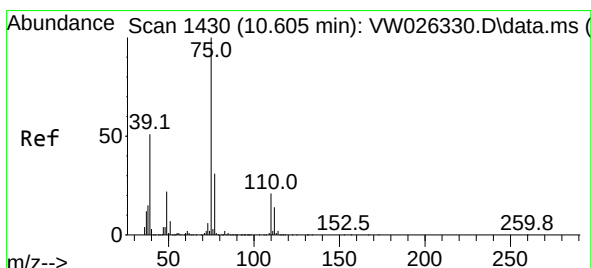
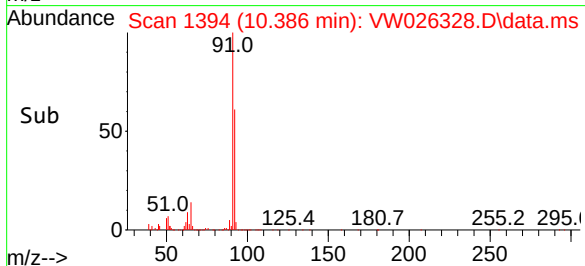
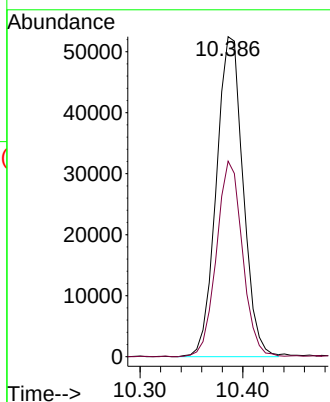
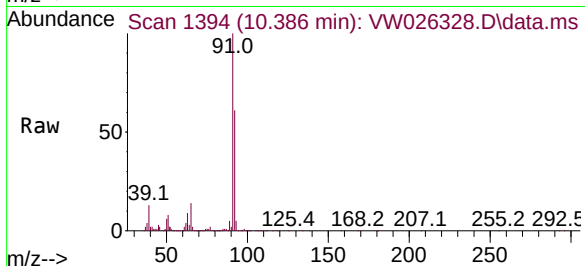




#42
Toluene
Concen: 2.372 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

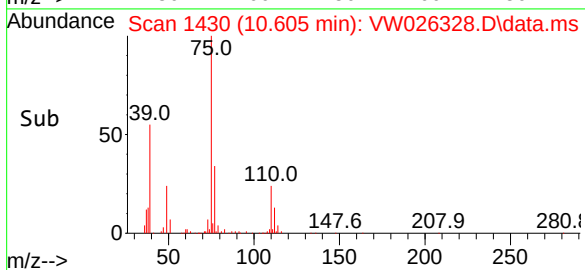
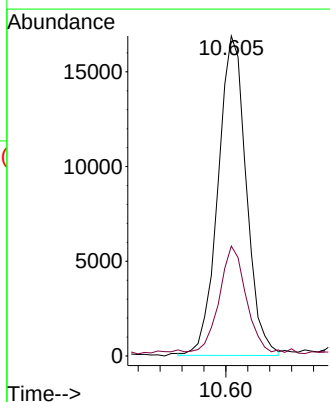
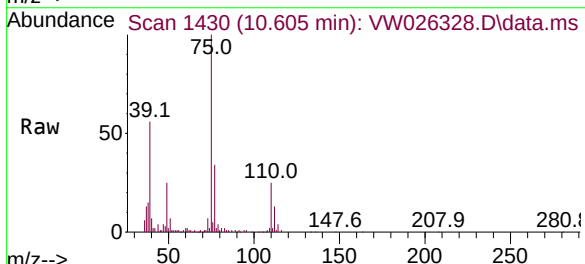
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5465

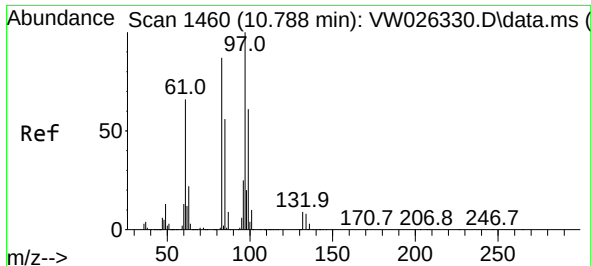
Tgt Ion: 91 Resp: 94857
Ion Ratio Lower Upper
91 100
92 61.1 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 2.237 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt Ion: 75 Resp: 30138
Ion Ratio Lower Upper
75 100
77 34.4 21.6 40.2

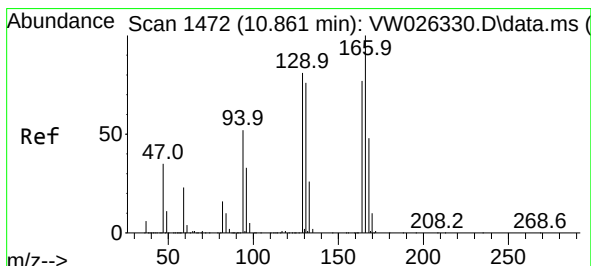
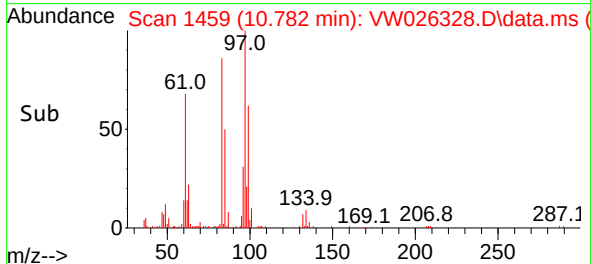
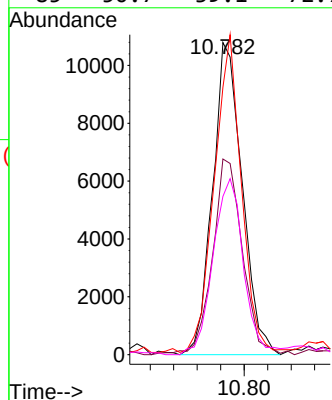
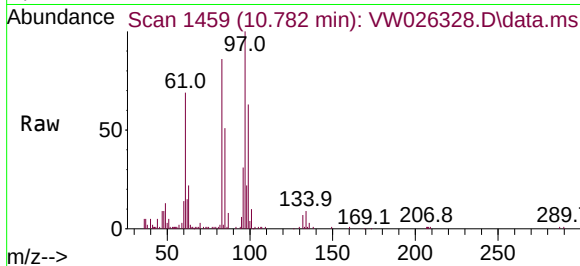




#45
1,1,2-Trichloroethane
Concen: 2.529 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

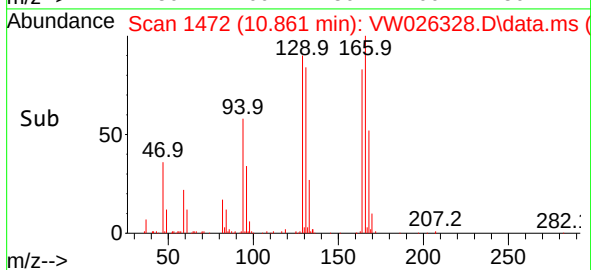
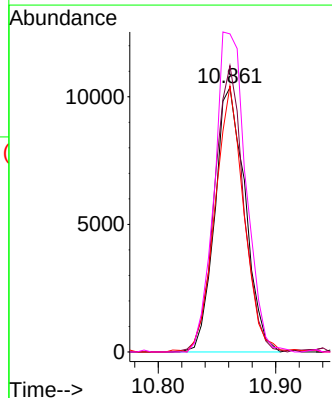
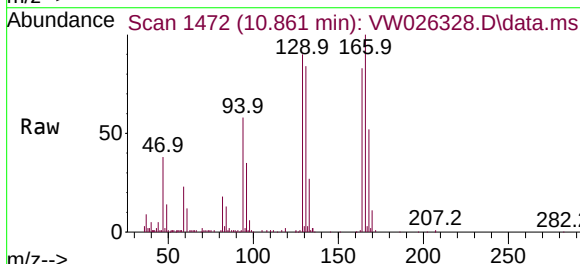
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5465

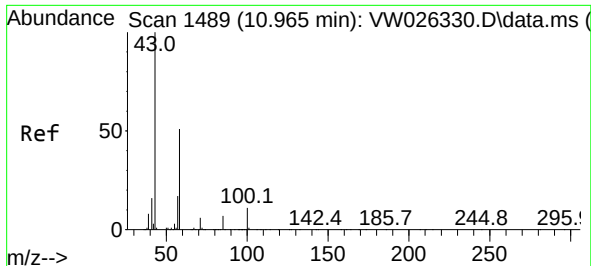
Tgt Ion: 97	Resp: 18857
Ion Ratio	Lower Upper
97 100	
99 62.7	42.4 78.6
83 85.7	60.8 113.0
85 50.7	39.1 72.7



#46
Tetrachloroethene
Concen: 2.582 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt	Ion:164	Resp:	18569
Ion	Ratio	Lower	Upper
164	100		
129	108.3	73.8	137.0
131	100.6	69.0	128.2
166	120.2	91.1	169.3

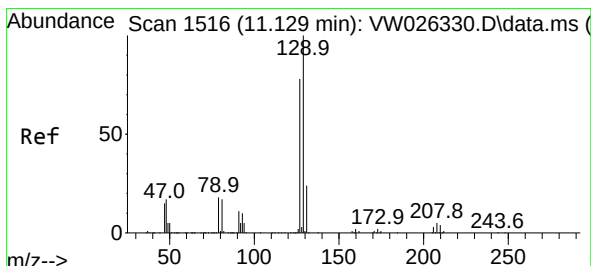
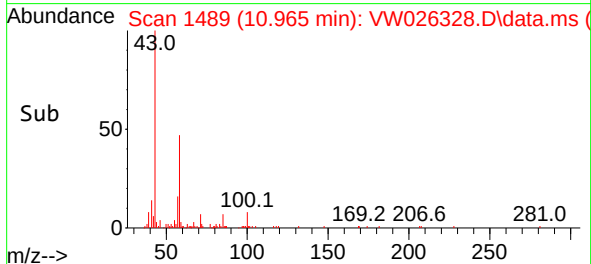
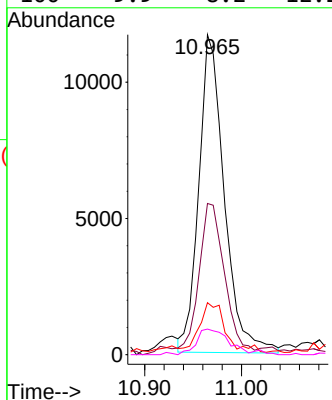
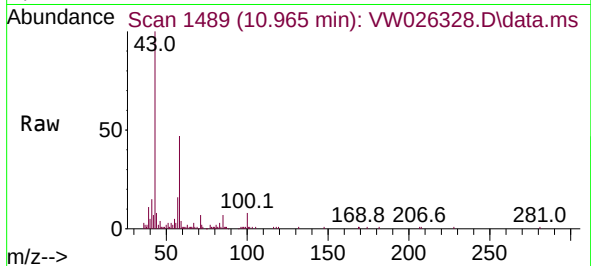




#48
2-Hexanone
Concen: 4.220 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

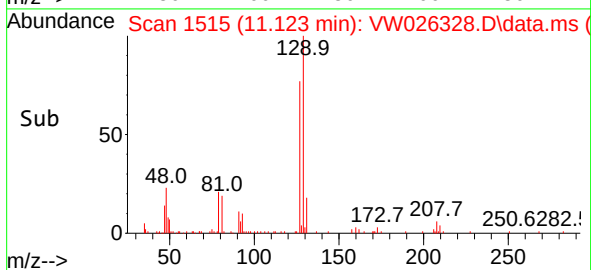
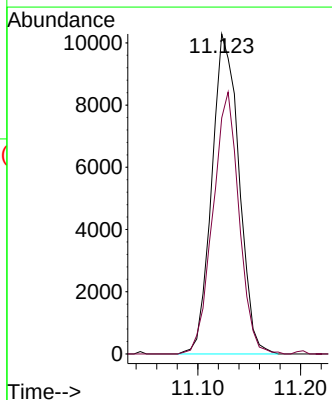
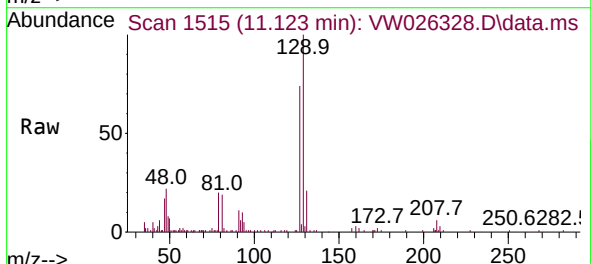
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5465

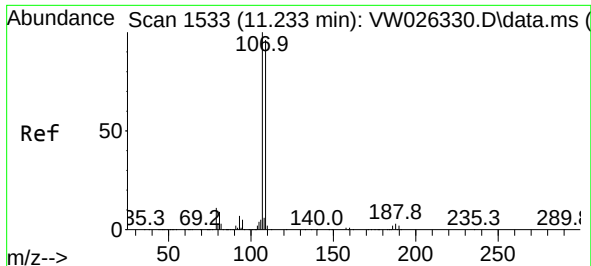
Tgt Ion:	43	Resp:	21405
Ion	Ratio	Lower	Upper
43	100		
58	48.6	40.1	60.1
57	15.3	13.4	20.0
100	9.9	8.2	12.2



#49
Dibromochloromethane
Concen: 2.472 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt Ion:	129	Resp:	18876
Ion	Ratio	Lower	Upper
129	100		
127	73.8	54.4	101.0

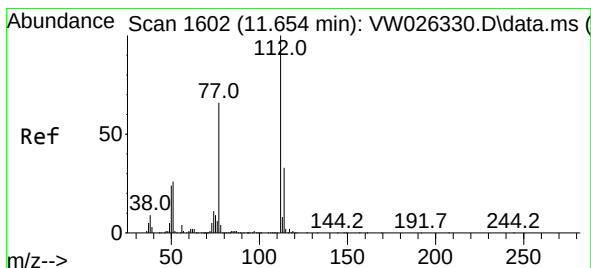
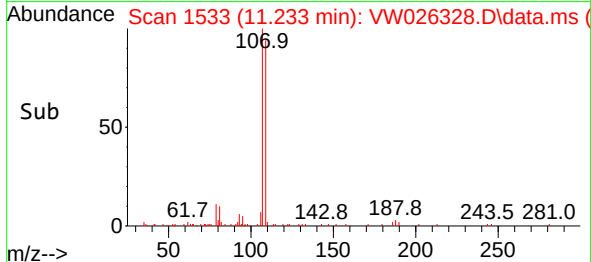
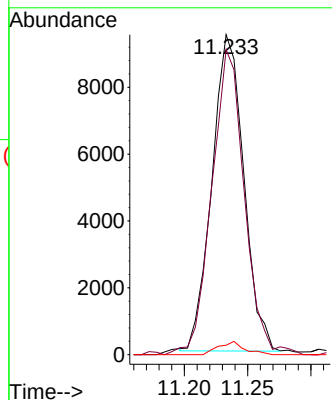
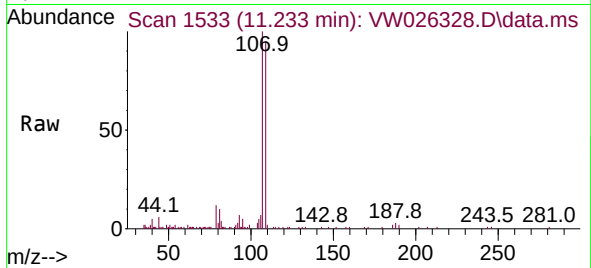




#50
1,2-Dibromoethane
Concen: 2.418 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

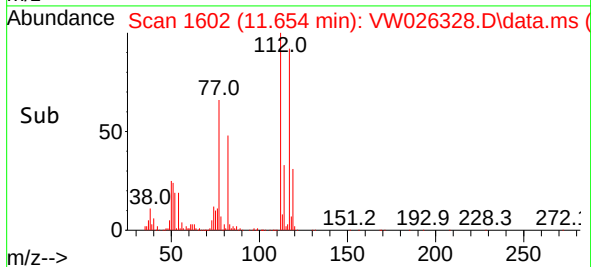
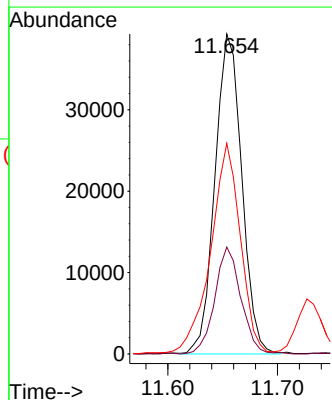
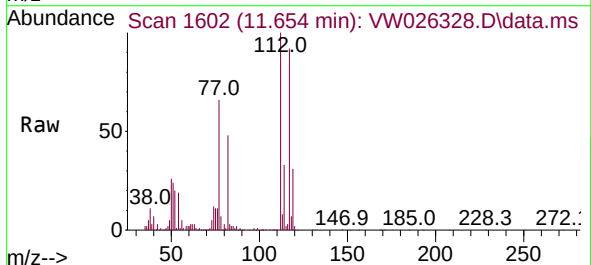
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5465

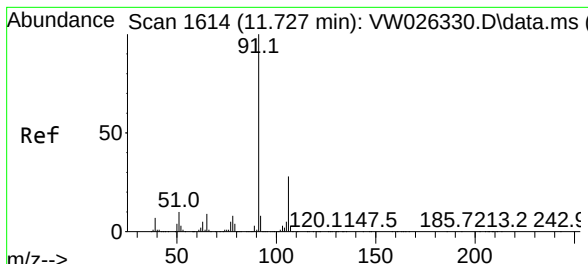
Tgt Ion:	107	Resp:	16553
Ion Ratio	Lower	Upper	
107	100		
109	95.4	67.1	124.5
188	3.0	2.6	3.8



#51
Chlorobenzene
Concen: 2.623 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt Ion:	112	Resp:	66881
Ion Ratio	Lower	Upper	
112	100		
114	33.4	23.0	42.8
77	65.8	53.2	79.8

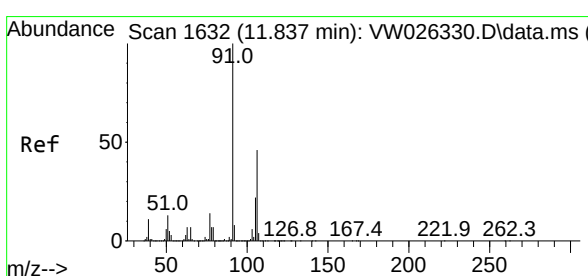
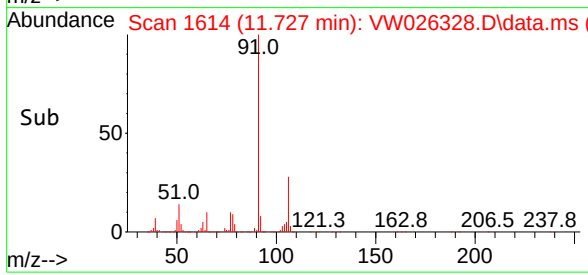
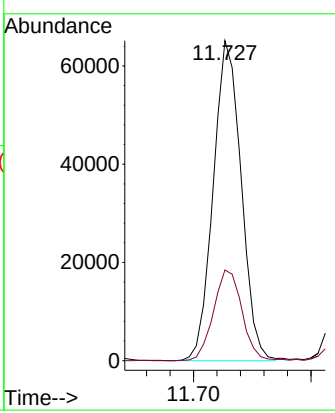
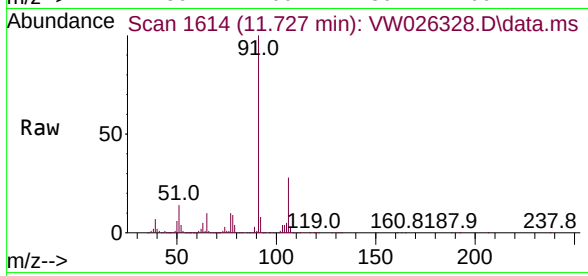




#52
Ethylbenzene
Concen: 2.387 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

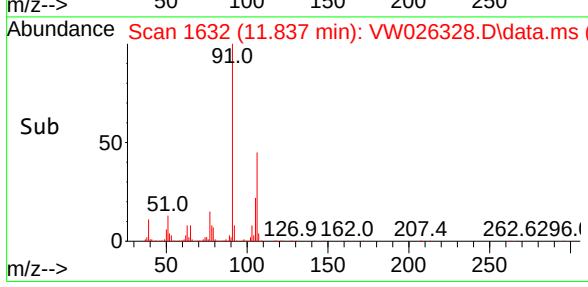
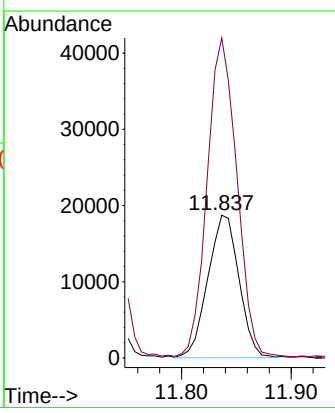
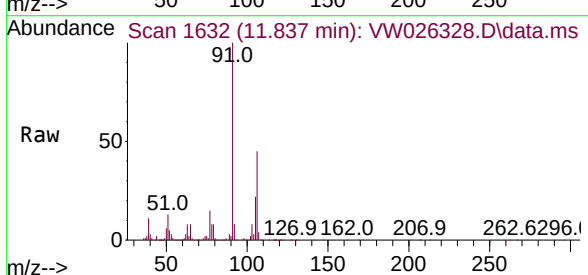
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5465

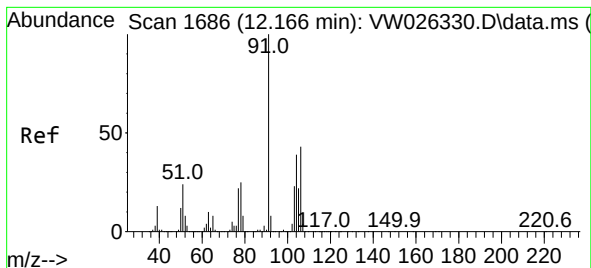
Tgt Ion: 91 Resp: 107558
Ion Ratio Lower Upper
91 100
106 28.4 19.9 36.9



#53
m,p-Xylene
Concen: 2.243 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt Ion: 106 Resp: 36864
Ion Ratio Lower Upper
106 100
91 224.3 152.1 282.5





#54

o-Xylene

Concen: 2.284 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026328.D

Acq: 26 Jun 2023 11:12

Instrument :

MSVOA_W

ClientSampleId :

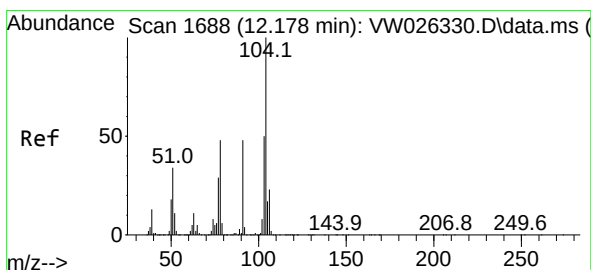
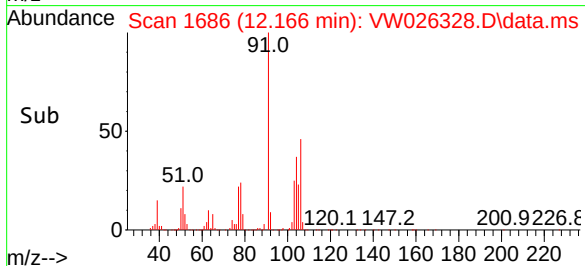
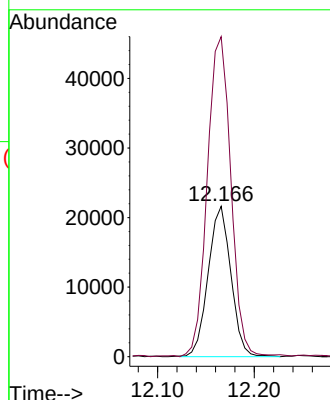
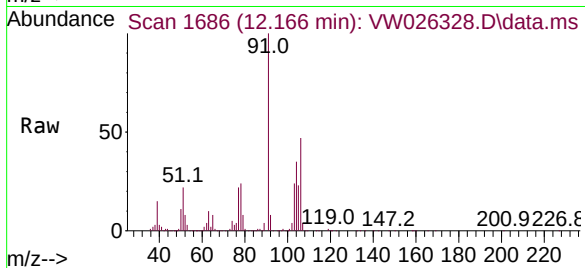
VSTD2.5465

Tgt Ion:106 Resp: 35337

Ion Ratio Lower Upper

106 100

91 212.8 161.5 299.9



#55

Styrene

Concen: 2.181 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW026328.D

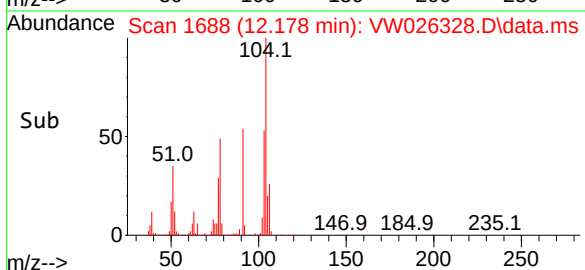
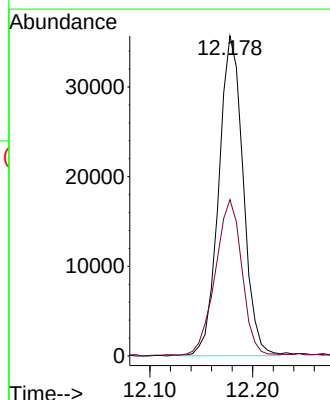
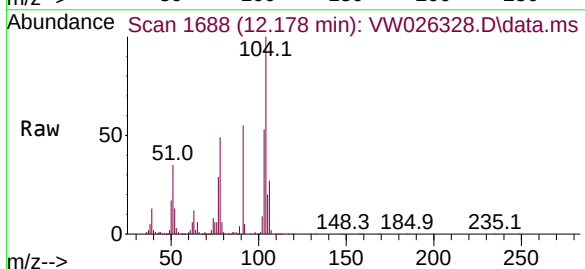
Acq: 26 Jun 2023 11:12

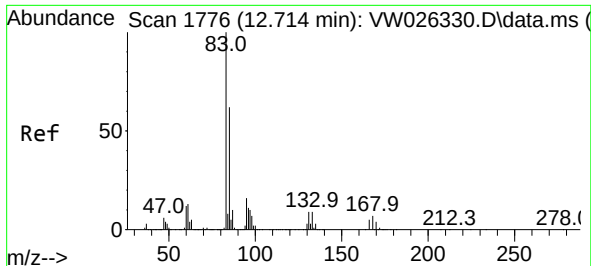
Tgt Ion:104 Resp: 58857

Ion Ratio Lower Upper

104 100

78 48.8 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 2.559 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW026328.D

Acq: 26 Jun 2023 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5465

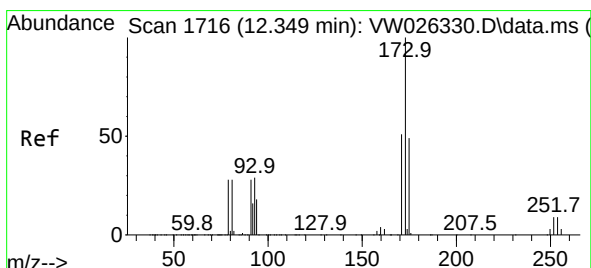
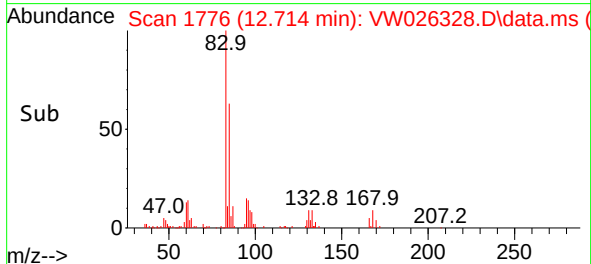
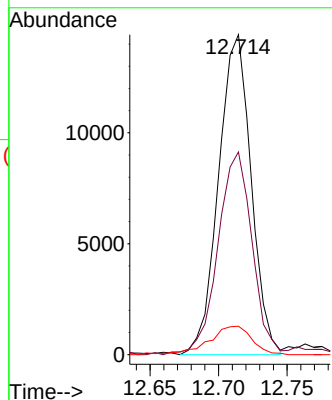
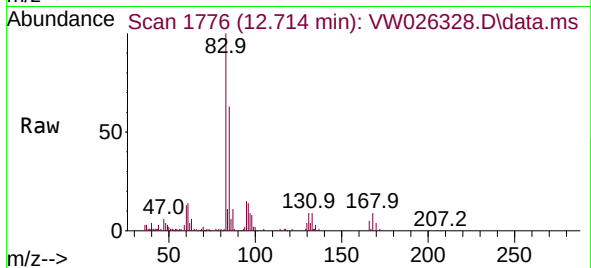
Tgt Ion: 83 Resp: 23853

Ion Ratio Lower Upper

83 100

85 63.3 43.7 81.1

131 8.9 7.4 11.0



#59

Bromoform

Concen: 2.309 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026328.D

Acq: 26 Jun 2023 11:12

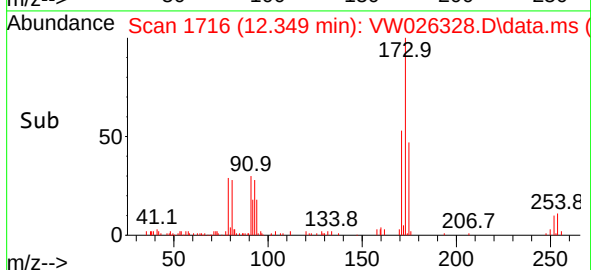
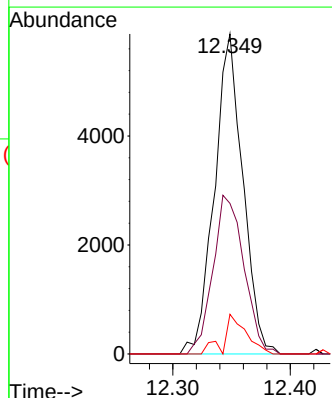
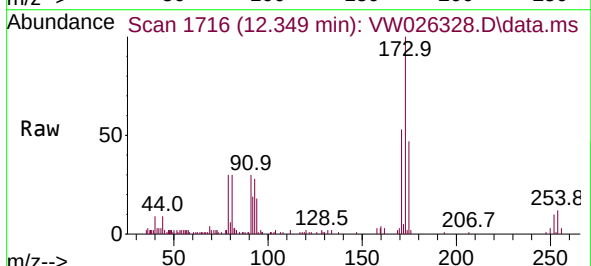
Tgt Ion: 173 Resp: 9865

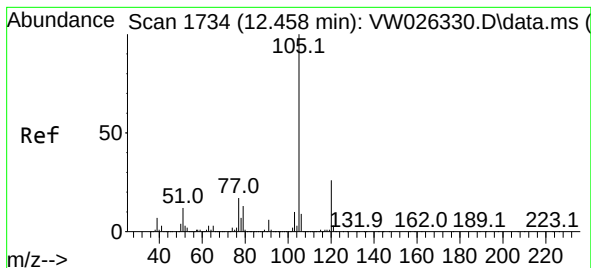
Ion Ratio Lower Upper

173 100

175 54.0 39.7 59.5

254 8.2 7.1 10.7

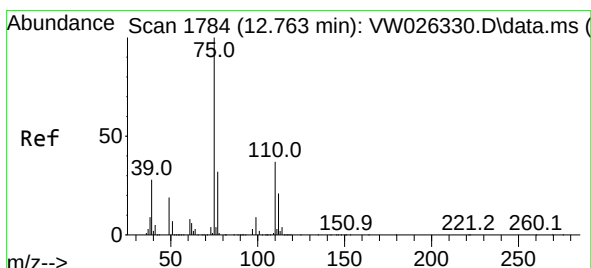
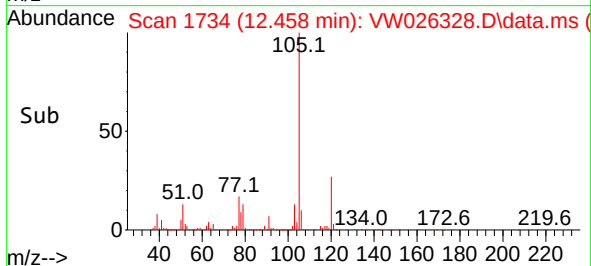
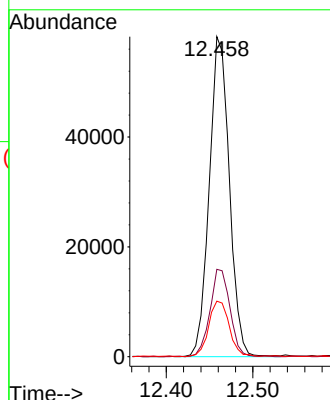
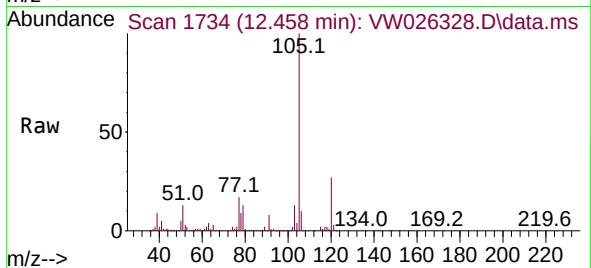




#60
Isopropylbenzene
Concen: 2.213 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

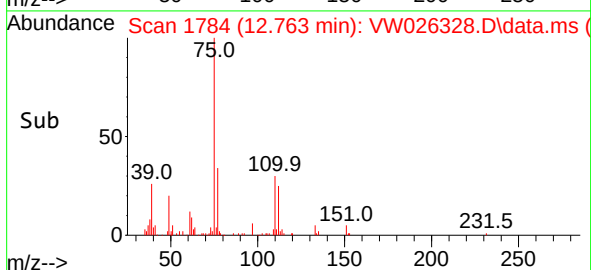
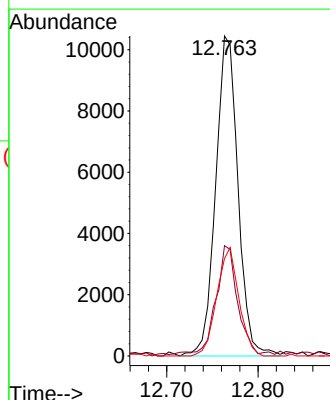
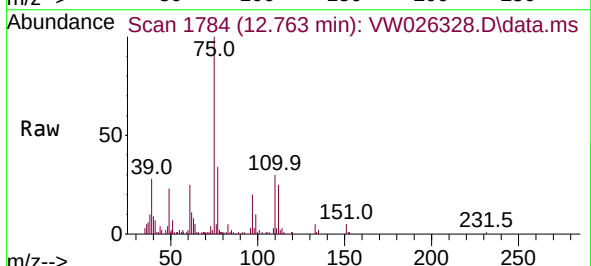
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5465

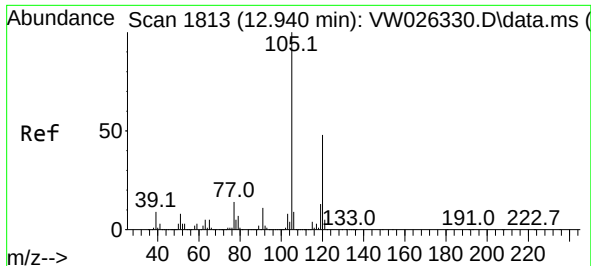
Tgt Ion:	105	Resp:	93937
Ion	Ratio	Lower	Upper
105	100		
120	27.1	20.4	30.6
77	17.8	13.6	20.4



#61
1,2,3-Trichloropropane
Concen: 2.591 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt Ion:	75	Resp:	17790
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.9	38.9
110	33.5	29.4	44.0





#62

1,3,5-Trimethylbenzene

Concen: 2.118 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026328.D

Acq: 26 Jun 2023 11:12

Instrument :

MSVOA_W

ClientSampleId :

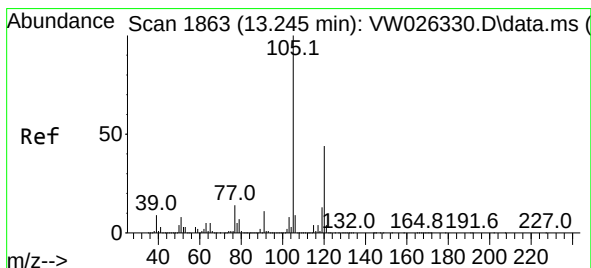
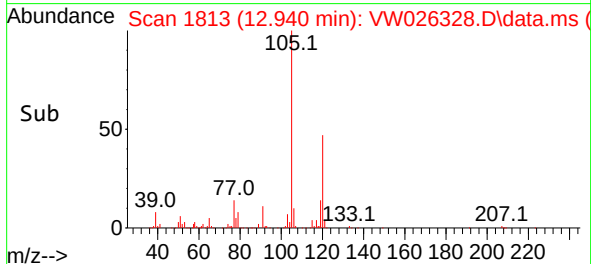
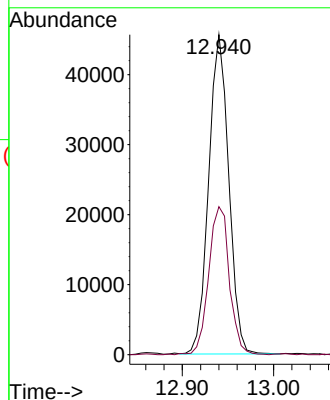
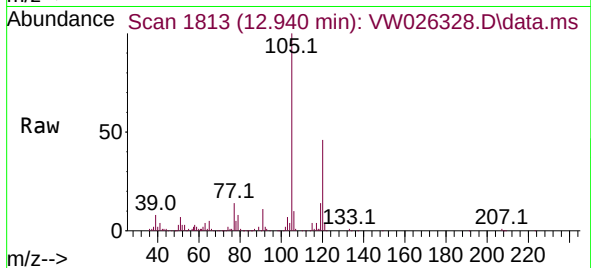
VSTD2.5465

Tgt Ion:105 Resp: 69682

Ion Ratio Lower Upper

105 100

120 47.6 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 1.935 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026328.D

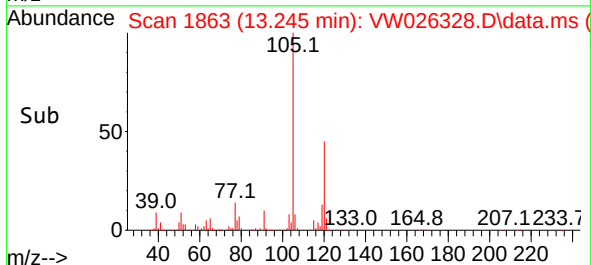
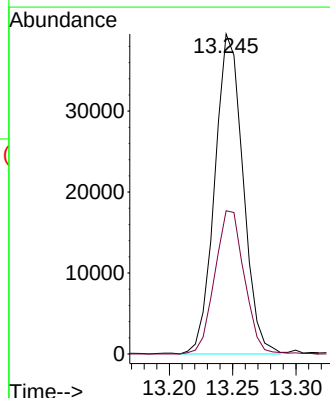
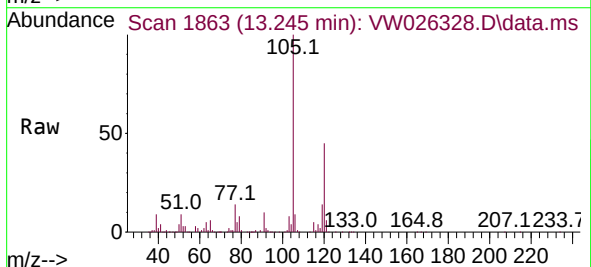
Acq: 26 Jun 2023 11:12

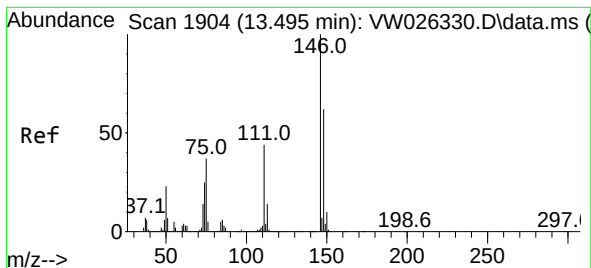
Tgt Ion:105 Resp: 61401

Ion Ratio Lower Upper

105 100

120 46.8 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 2.518 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW026328.D

Acq: 26 Jun 2023 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5465

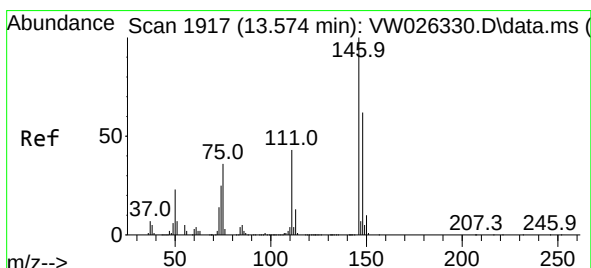
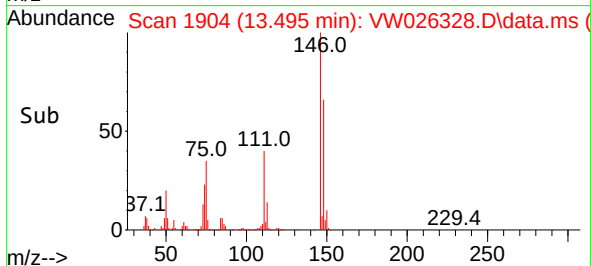
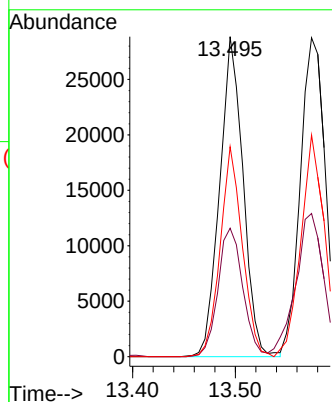
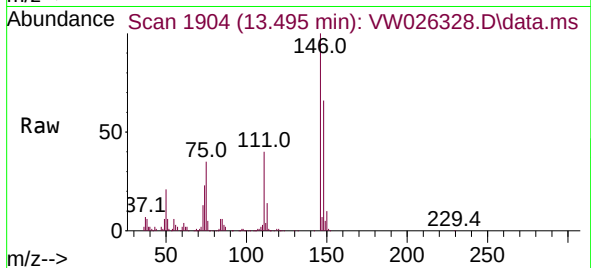
Tgt Ion:146 Resp: 45773

Ion Ratio Lower Upper

146 100

111 40.2 30.8 57.2

148 65.6 43.3 80.3



#65

1,4-Dichlorobenzene

Concen: 2.671 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW026328.D

Acq: 26 Jun 2023 11:12

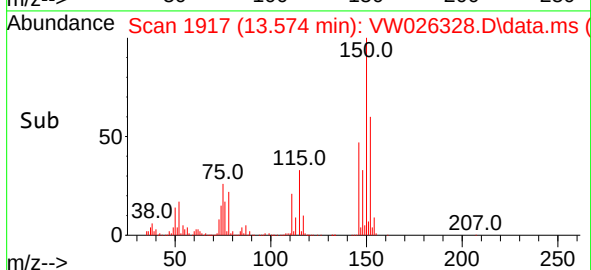
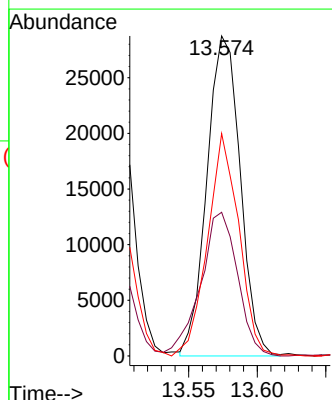
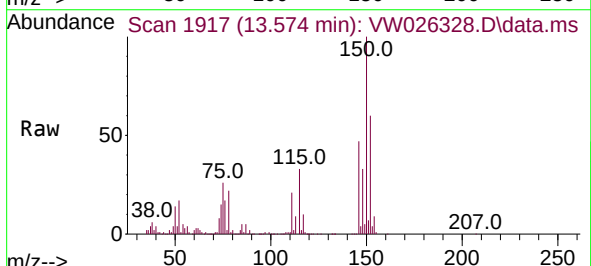
Tgt Ion:146 Resp: 48591

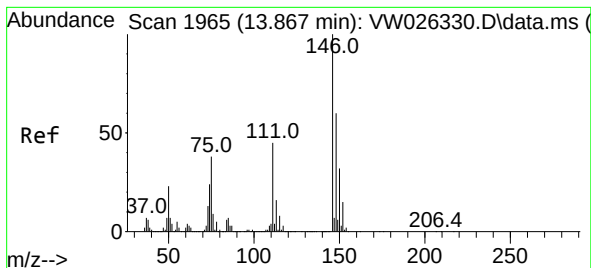
Ion Ratio Lower Upper

146 100

111 44.9 30.0 55.8

148 69.5 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 2.583 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026328.D

Acq: 26 Jun 2023 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5465

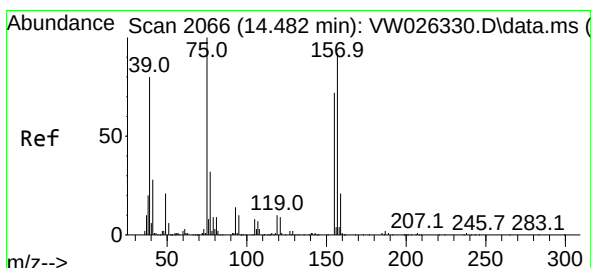
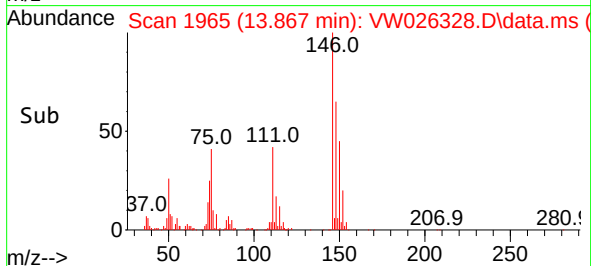
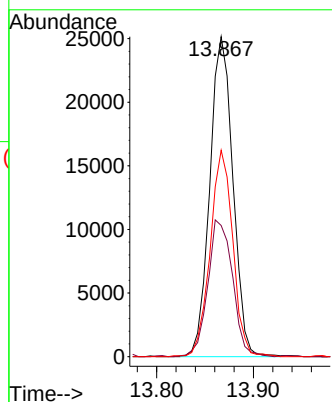
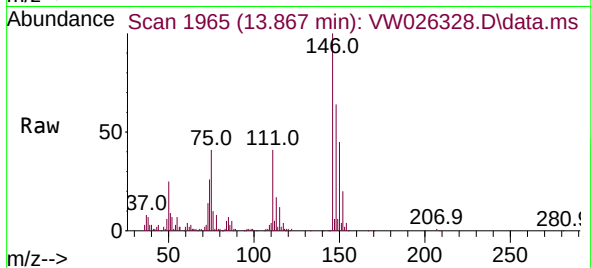
Tgt Ion:146 Resp: 41825

Ion Ratio Lower Upper

146 100

111 41.0 36.0 54.0

148 64.5 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 2.645 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW026328.D

Acq: 26 Jun 2023 11:12

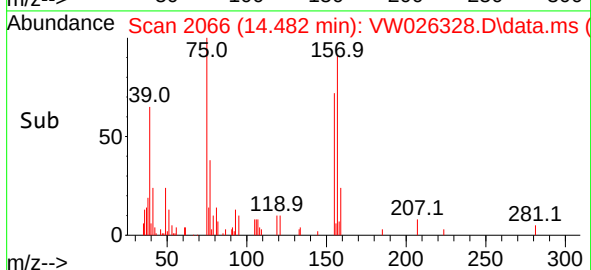
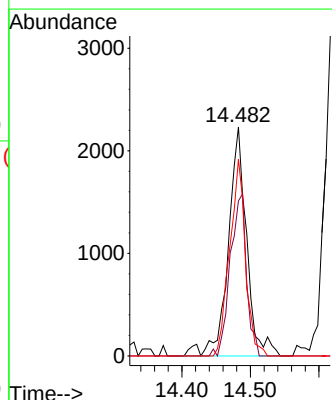
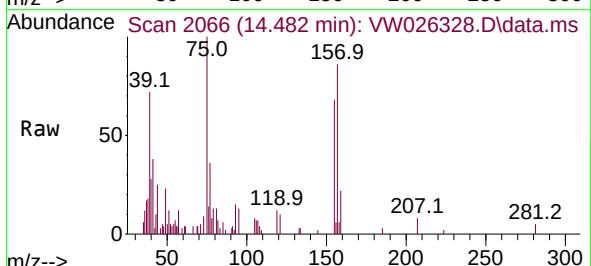
Tgt Ion: 75 Resp: 4177

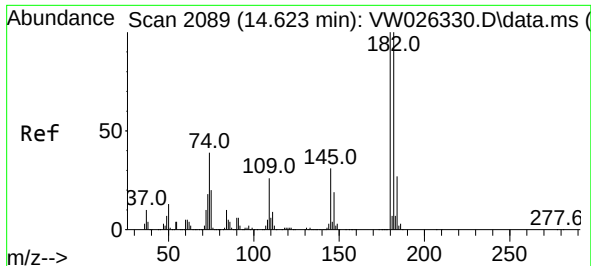
Ion Ratio Lower Upper

75 100

155 67.7 57.5 86.3

157 85.9 73.4 110.0

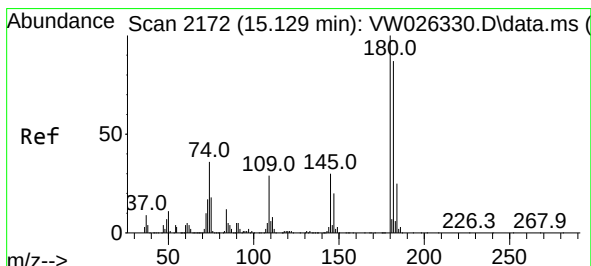
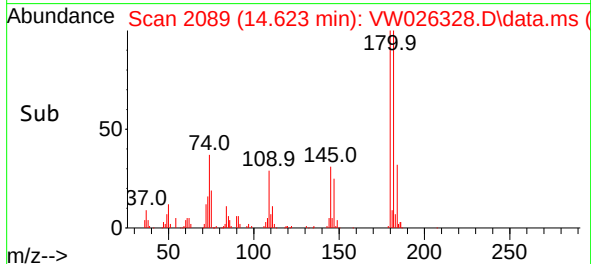
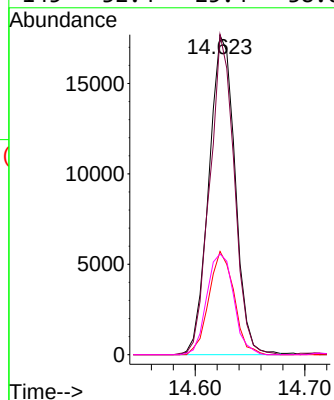
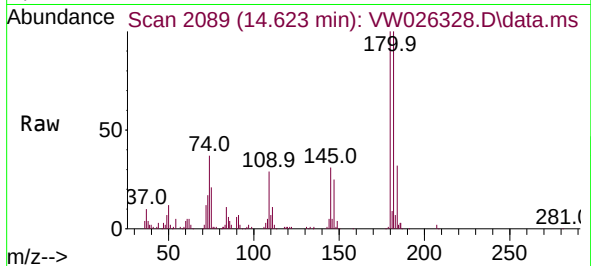




#69
1,3,5-Trichlorobenzene
Concen: 2.507 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

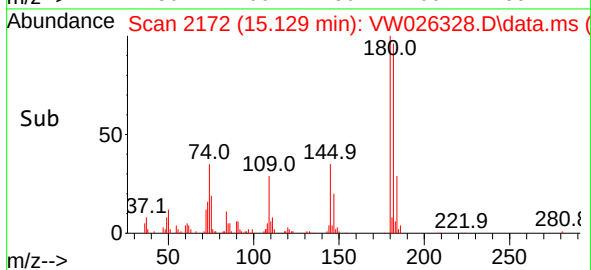
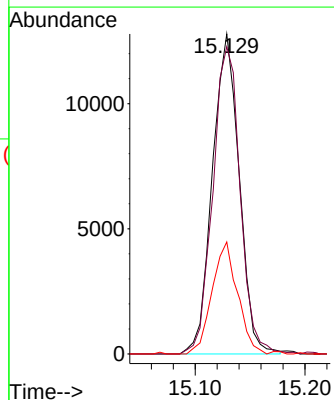
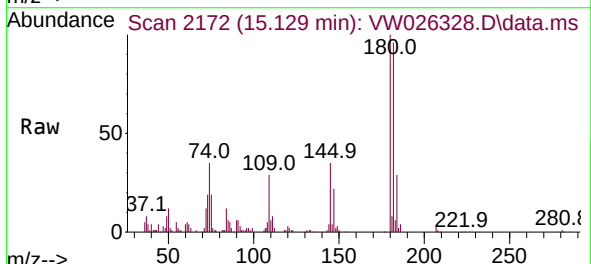
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5465

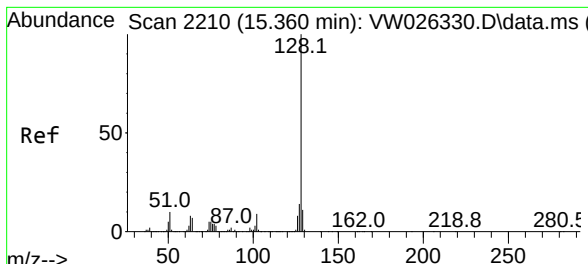
Tgt Ion:180	Resp:	29286
Ion Ratio	Lower	Upper
180	100	
182	93.7	74.2 111.4
184	31.1	23.8 35.6
145	32.4	25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 2.272 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt Ion:180	Resp:	21720
Ion Ratio	Lower	Upper
180	100	
182	97.9	75.6 113.4
145	33.3	24.7 37.1



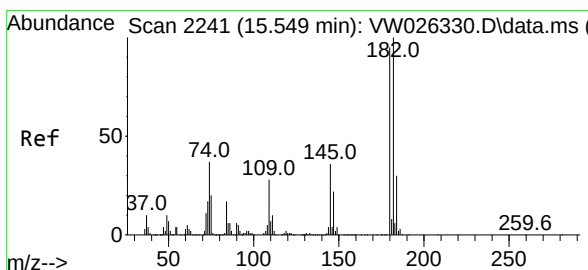
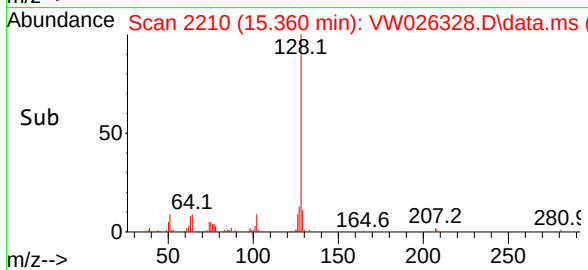
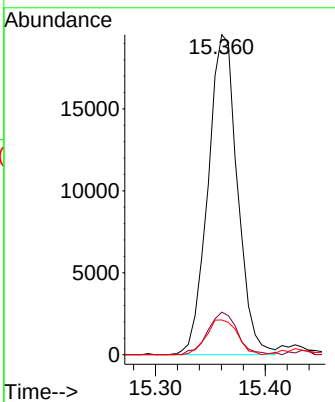
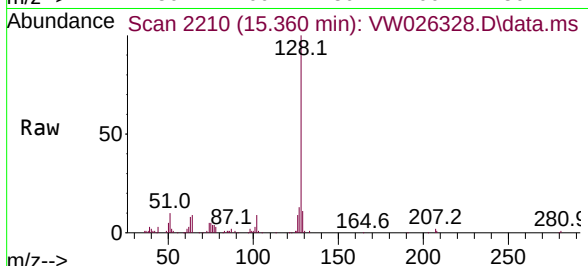


#71
Naphthalene
Concen: 1.900 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5465

Tgt Ion:128 Resp: 36524

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.9	16.3
129	11.5	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 2.554 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026328.D
Acq: 26 Jun 2023 11:12

Tgt Ion:180 Resp: 22800

Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.0	112.6
145	34.4	28.5	42.7

