

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026436.D
 Acq On : 29 Jun 2023 15:31
 Operator : SY/MD
 Sample : VSTD2.576
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5476

Quant Time: Jun 30 00:50:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 00:47:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	814398	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	693821	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	320019	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	19208	2.072	ug/L	0.00
7) Chloroethane-d5	3.076	69	367	0.049	ug/L	0.18
11) 1,1-Dichloroethene-d2	4.015	65	10230	2.178	ug/L	0.00
21) 2-Butanone-d5	6.905	46	336	0.096	ug/L	-0.17
24) Chloroform-d	7.648	84	52660	2.653	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	29996	2.765	ug/L	0.00
32) Benzene-d6	8.276	84	103171	2.557	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	31967	2.486	ug/L	0.00
41) Toluene-d8	10.319	98	90459	2.538	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	13194	2.545	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	9168	4.263	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	27663	2.786	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	31503	2.827	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.027	85	8962	1.148	ug/L	97
3) Chloromethane	2.216	50	22797	2.035	ug/L	89
5) Vinyl chloride	2.381	62	26557	2.300	ug/L	91
6) Bromomethane	2.783	94	18435	2.805	ug/L	94
8) Chloroethane	2.936	64	19525	2.789	ug/L	99
9) Trichlorofluoromethane	3.259	101	20751	2.472	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	17964	1.956	ug/L #	82
12) 1,1-Dichloroethene	4.033	96	9598	1.056	ug/L	83
13) Acetone	4.125	43	13774	5.564	ug/L	85
14) Carbon disulfide	4.387	76	60835	2.061	ug/L #	95
15) Methyl Acetate	4.679	43	11016	2.049	ug/L	93
16) Methylene chloride	4.917	84	17614	1.287	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	21355	2.177	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	32997	2.058	ug/L	96
19) 1,1-Dichloroethane	6.216	63	42944	2.175	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	28847	2.596	ug/L	94
22) 2-Butanone	7.173	43	24227	5.969	ug/L	100
23) Bromochloromethane	7.514	128	12251	2.651	ug/L	94
25) Chloroform	7.679	83	55198	2.881	ug/L	97
27) 1,2-Dichloroethane	8.398	62	37379	2.853	ug/L	98
29) Cyclohexane	7.959	56	49941	2.539	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	40715	2.755	ug/L	97
31) Carbon tetrachloride	8.069	117	36956	2.777	ug/L	100
33) Benzene	8.325	78	123711	2.847	ug/L	100
34) Trichloroethene	9.093	95	30424	2.749	ug/L	96
35) Methylcyclohexane	9.337	83	50287	2.550	ug/L	96
37) 1,2-Dichloropropane	9.368	63	30997	2.687	ug/L	98
38) Bromodichloromethane	9.648	83	34763	2.685	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	43740	2.534	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	42612	5.381	ug/L	99
42) Toluene	10.386	91	125231	2.817	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	35918	2.546	ug/L	98

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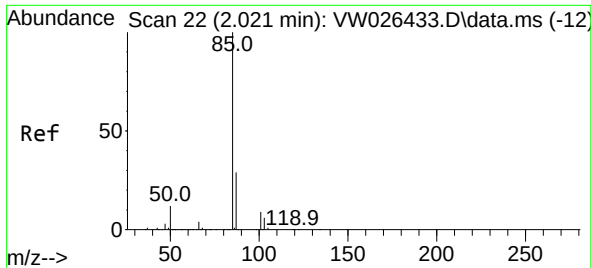
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 00:47:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	22130	2.817	ug/L	94
46) Tetrachloroethene	10.867	164	20944	2.677	ug/L	86
48) 2-Hexanone	10.971	43	23606	4.441	ug/L	97
49) Dibromochloromethane	11.123	129	21239	2.714	ug/L	99
50) 1,2-Dibromoethane	11.233	107	19087	2.642	ug/L #	94
51) Chlorobenzene	11.654	112	79426	2.888	ug/L	95
52) Ethylbenzene	11.727	91	137492	2.749	ug/L	99
53) m,p-Xylene	11.837	106	50342	2.714	ug/L	98
54) o-Xylene	12.166	106	44560	2.590	ug/L	89
55) Styrene	12.178	104	73088	2.489	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	26723	2.785	ug/L	99
59) Bromoform	12.349	173	10715	2.529	ug/L #	91
60) Isopropylbenzene	12.465	105	119506	2.560	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	20104	2.874	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	91557	2.467	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	89577	2.470	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	54574	2.787	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	56471	2.899	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	53784	3.035	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	4877	3.056	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	40962	3.073	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	34799	3.016	ug/L	98
71) Naphthalene	15.360	128	64708	2.751	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	31091	3.133	ug/L	98

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

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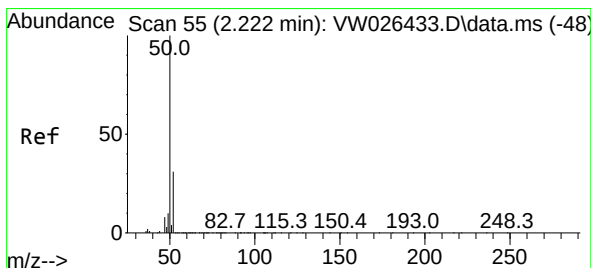
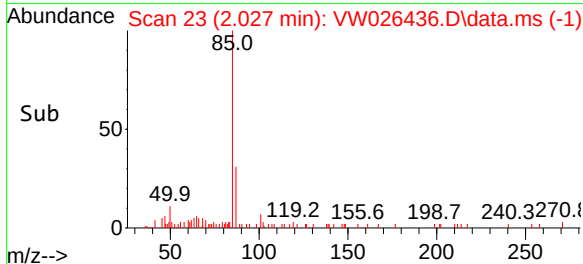
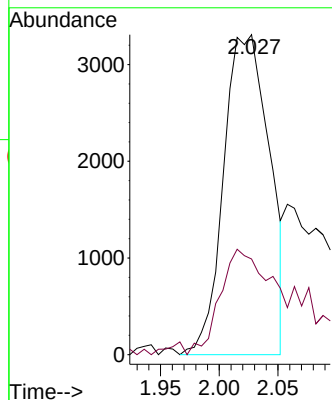
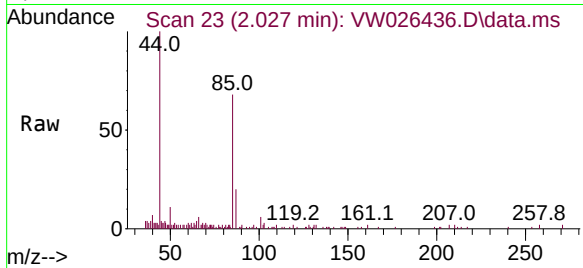
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#2
 Dichlorodifluoromethane
 Concen: 1.148 ug/L
 RT: 2.027 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VW026436.D
 Acq: 29 Jun 2023 15:31

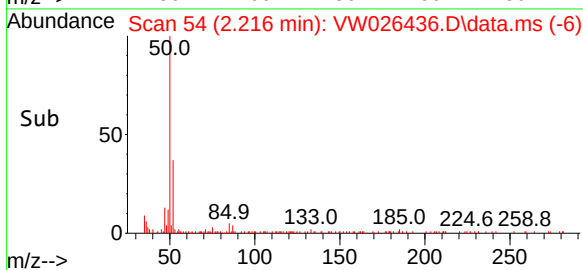
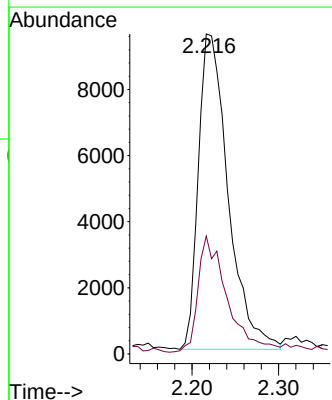
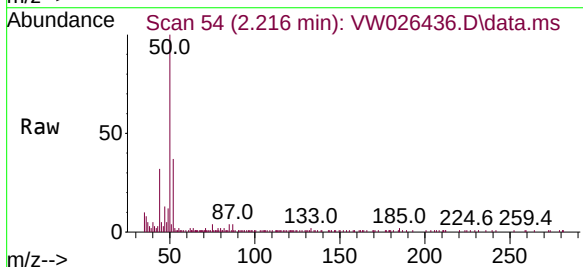
Instrument :
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 ClientSampleId :
 VSTD2.5476

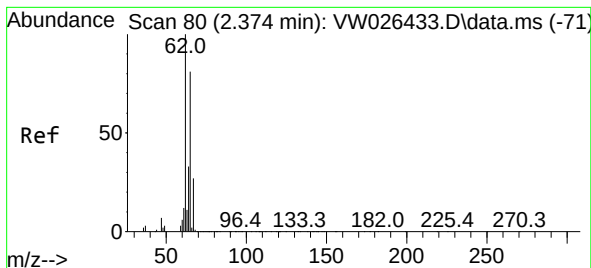
Tgt Ion: 85 Resp: 8962
 Ion Ratio Lower Upper
 85 100
 87 25.4 19.0 28.4



#3
 Chloromethane
 Concen: 2.035 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW026436.D
 Acq: 29 Jun 2023 15:31

Tgt Ion: 50 Resp: 22797
 Ion Ratio Lower Upper
 50 100
 52 36.8 21.7 40.3





#5

Vinyl chloride

Concen: 2.300 ug/L

RT: 2.381 min Scan# 81

Delta R.T. 0.007 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

Instrument :

MSVOA_W

ClientSampleId :

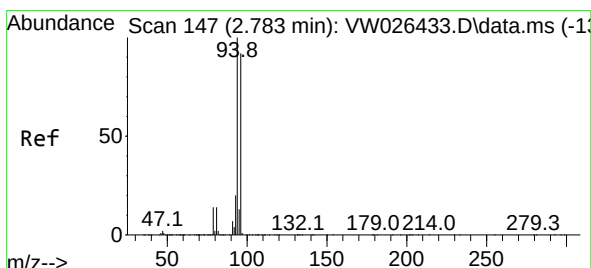
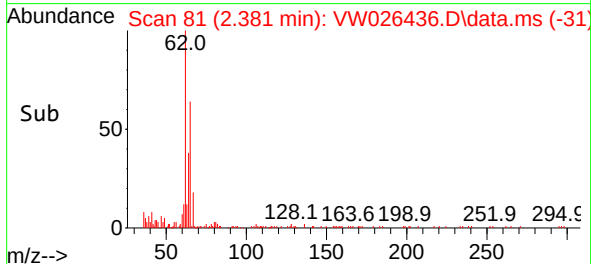
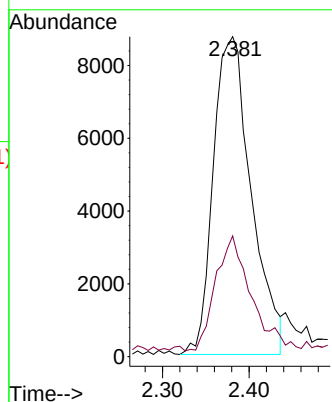
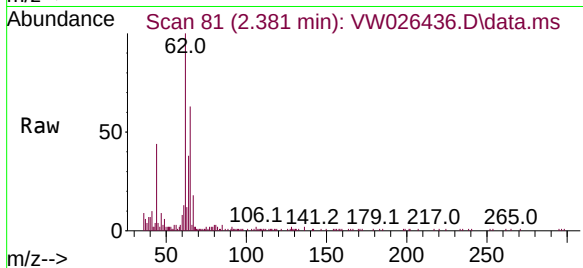
VSTD2.5476

Tgt Ion: 62 Resp: 26557

Ion Ratio Lower Upper

62 100

64 37.7 23.0 42.8



#6

Bromomethane

Concen: 2.805 ug/L

RT: 2.783 min Scan# 147

Delta R.T. 0.000 min

Lab File: VW026436.D

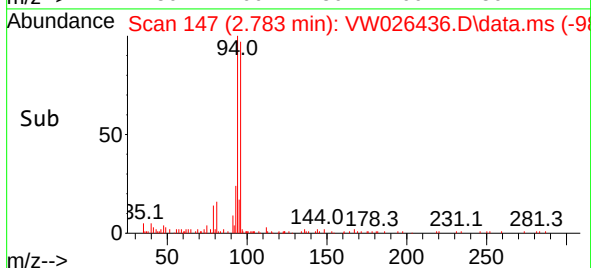
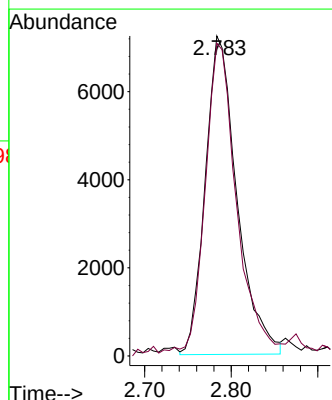
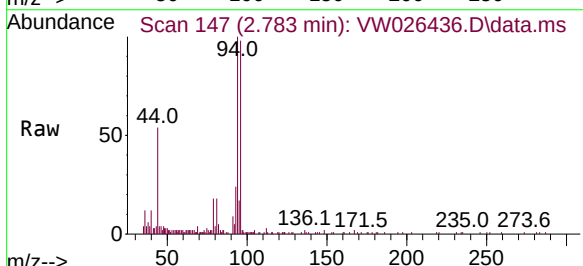
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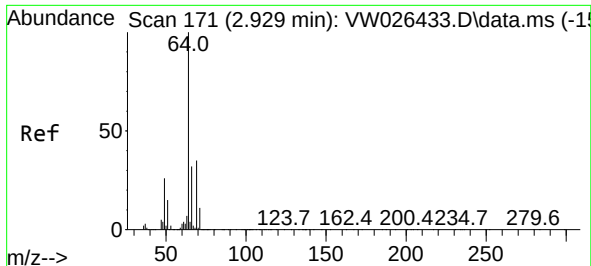
Tgt Ion: 94 Resp: 18435

Ion Ratio Lower Upper

94 100

96 97.7 64.3 119.3

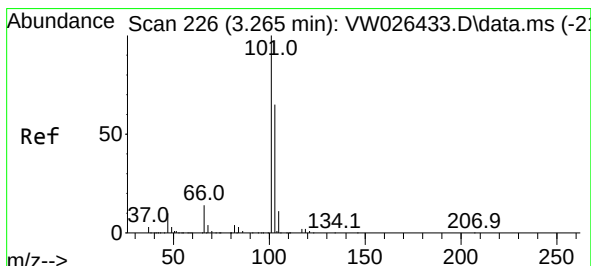
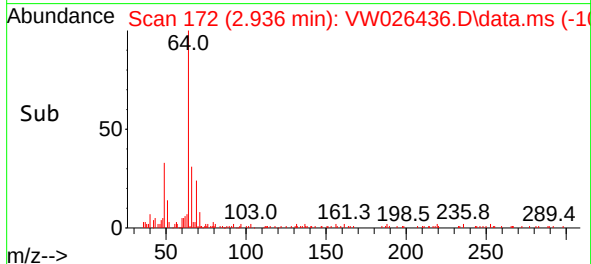
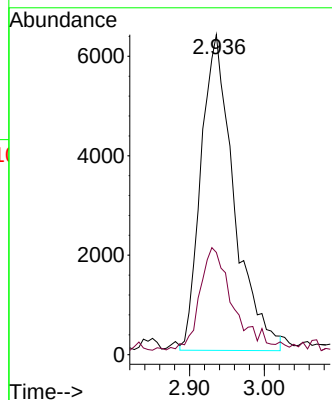
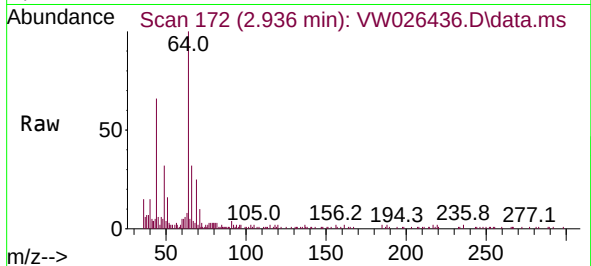




#8
Chloroethane
Concen: 2.789 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.007 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

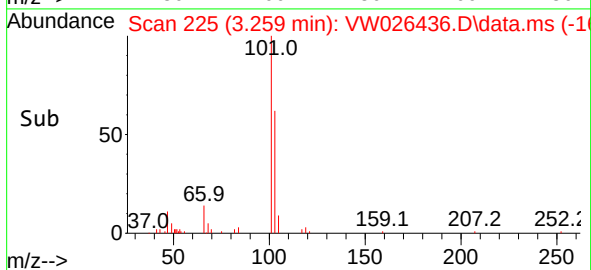
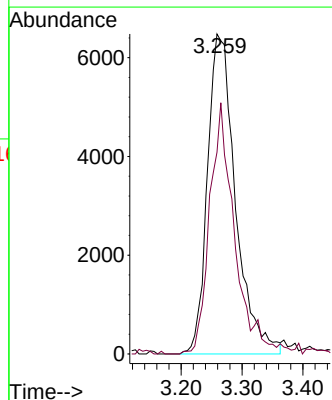
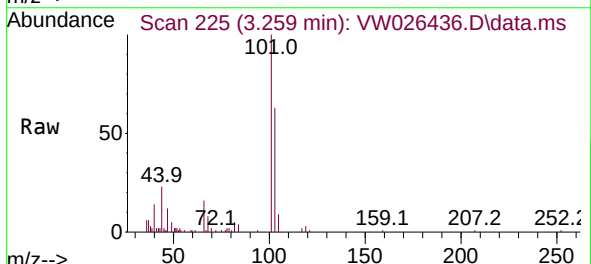
Instrument :
MSVOA_W
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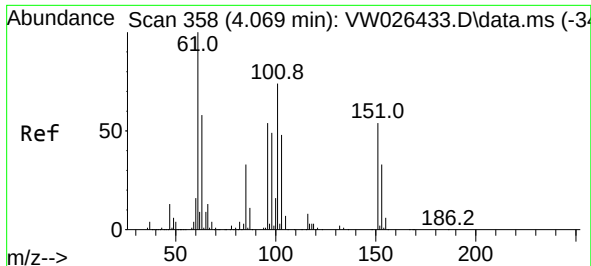
Tgt Ion: 64 Resp: 19525
Ion Ratio Lower Upper
64 100
66 32.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 2.472 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Tgt Ion: 101 Resp: 20751
Ion Ratio Lower Upper
101 100
103 63.0 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.956 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5476

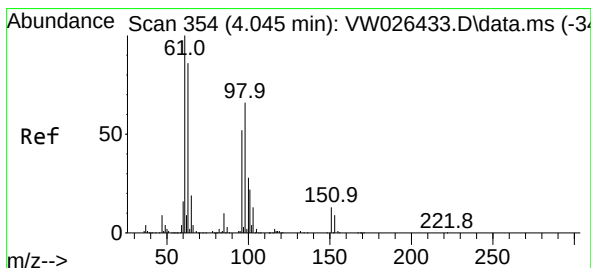
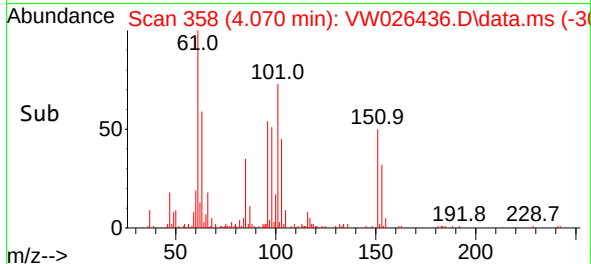
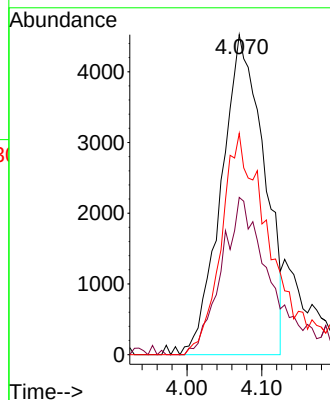
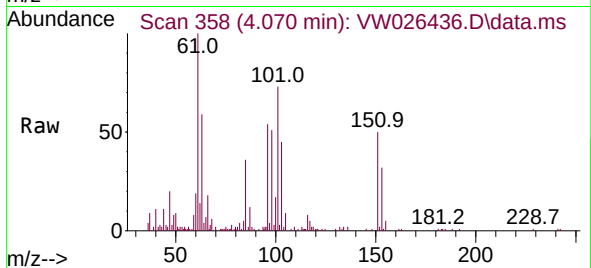
Tgt Ion:101 Resp: 17964

Ion Ratio Lower Upper

101 100

85 38.0 34.1 51.1

151 47.5 53.7 80.5#



#12

1,1-Dichloroethene

Concen: 1.056 ug/L

RT: 4.033 min Scan# 352

Delta R.T. -0.012 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

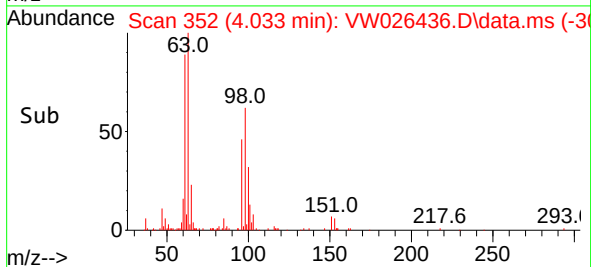
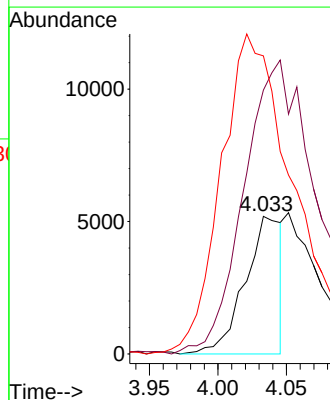
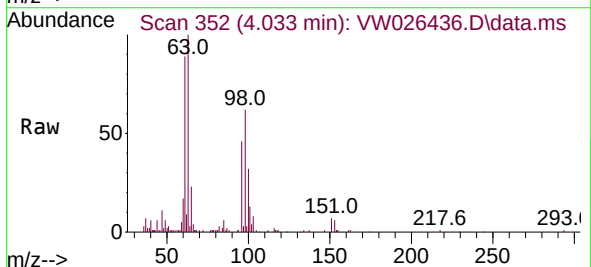
Tgt Ion: 96 Resp: 9598

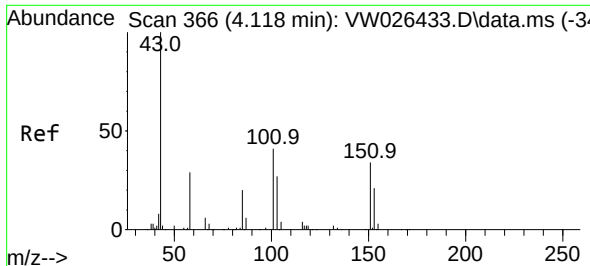
Ion Ratio Lower Upper

96 100

61 191.7 134.0 248.8

63 216.6 117.1 217.5

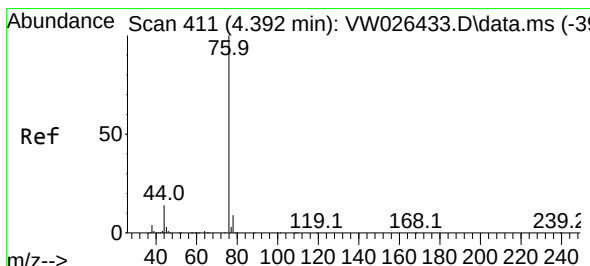
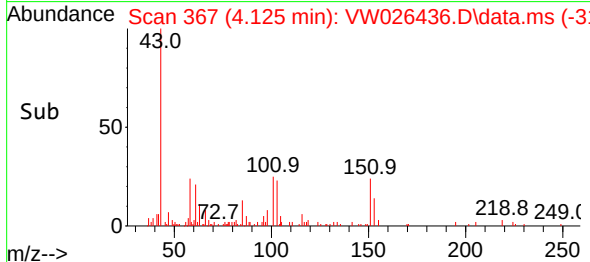
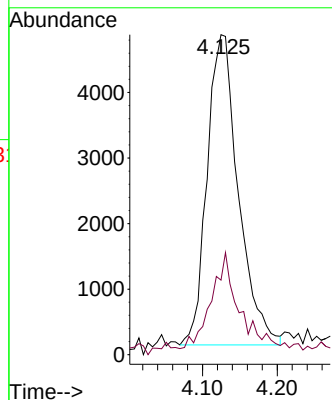
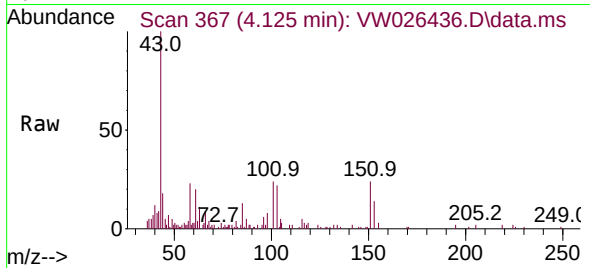




#13
Acetone
Concen: 5.564 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.007 min
Lab File: VW026436.D
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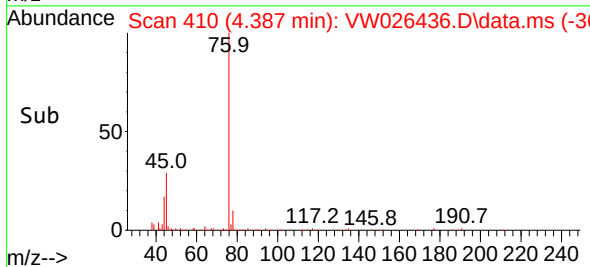
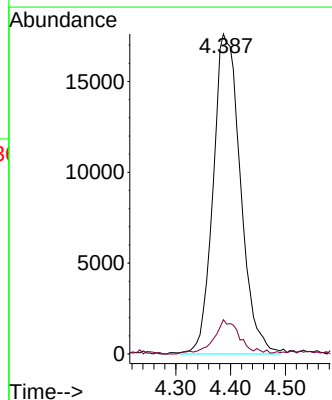
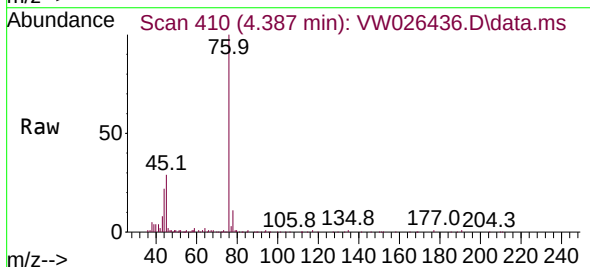
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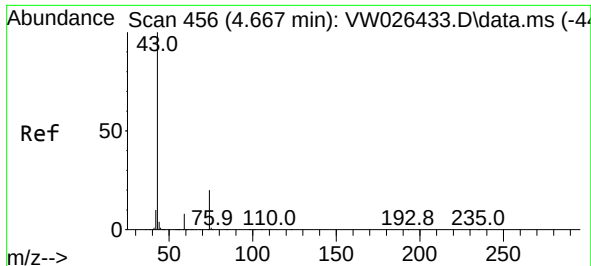
Tgt Ion: 43 Resp: 13774
Ion Ratio Lower Upper
43 100
58 23.5 0.0 63.2



#14
Carbon disulfide
Concen: 2.061 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Tgt Ion: 76 Resp: 60835
Ion Ratio Lower Upper
76 100
78 10.7 7.1 10.7#

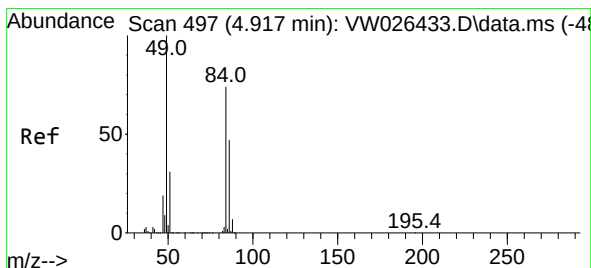
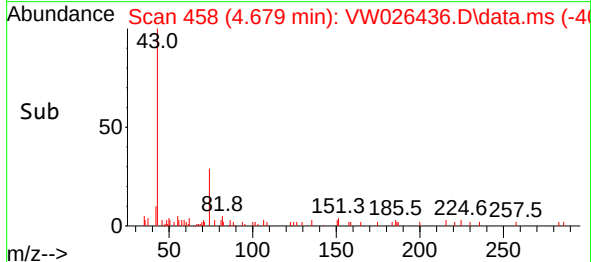
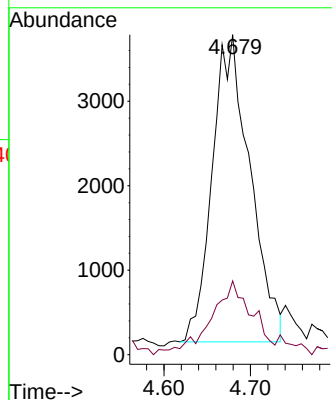
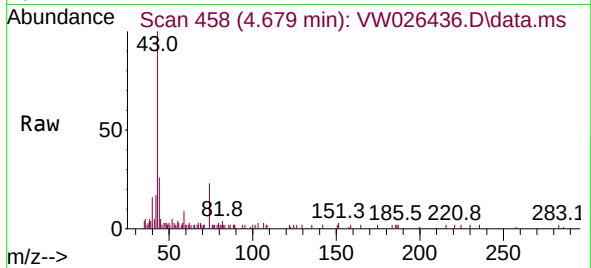




#15
Methyl Acetate
Concen: 2.049 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.013 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

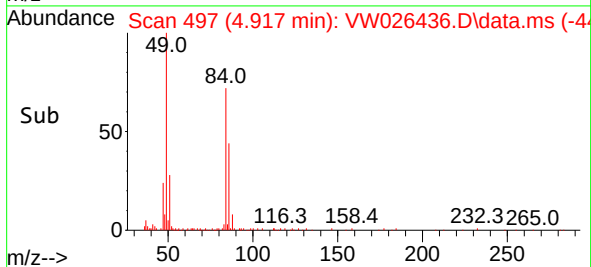
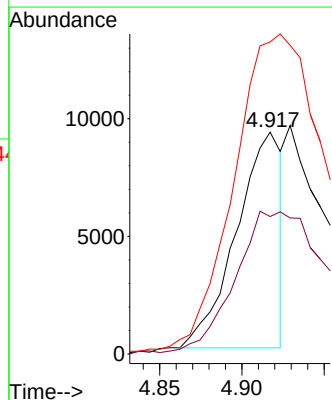
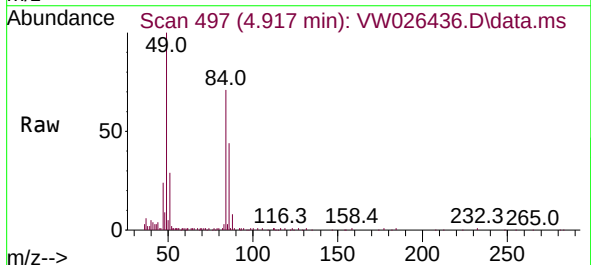
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VSTD2.5476

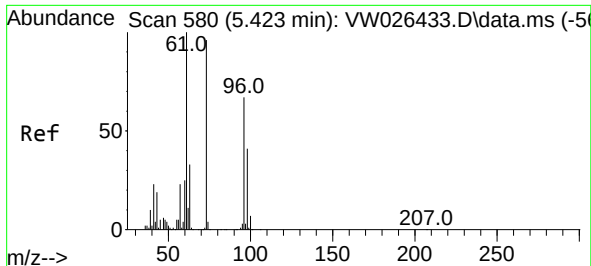
Tgt Ion: 43 Resp: 11016
Ion Ratio Lower Upper
43 100
74 17.6 16.6 24.8



#16
Methylene chloride
Concen: 1.287 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Tgt Ion: 84 Resp: 17614
Ion Ratio Lower Upper
84 100
86 62.0 44.1 81.9
49 140.7 94.1 174.8

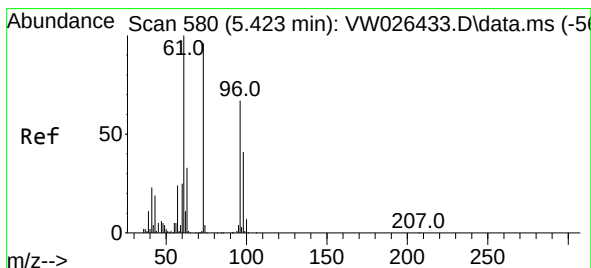
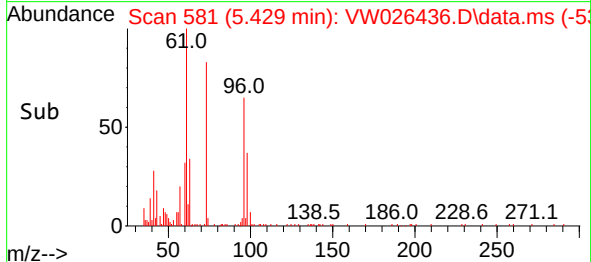
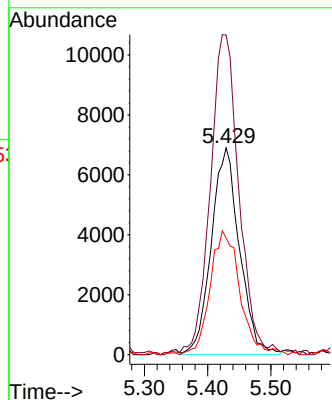
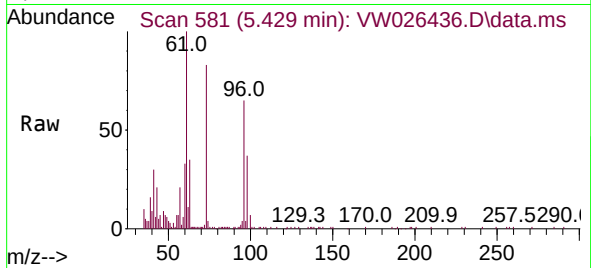




#17
trans-1,2-Dichloroethene
Concen: 2.177 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.007 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

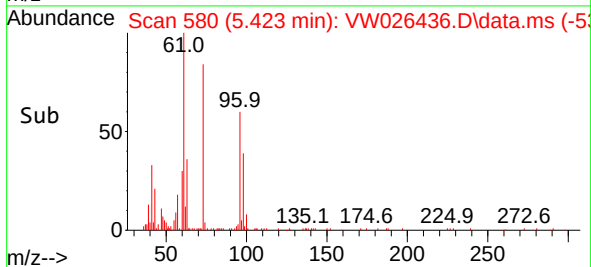
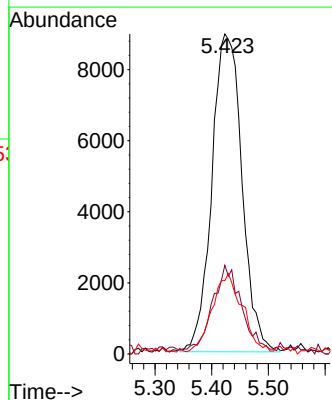
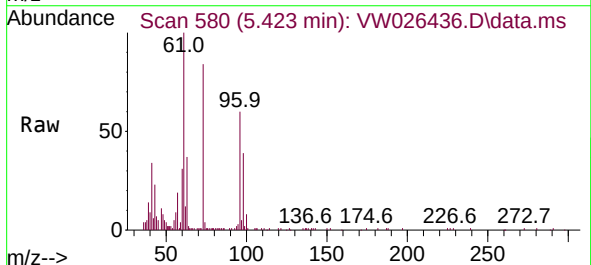
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5476

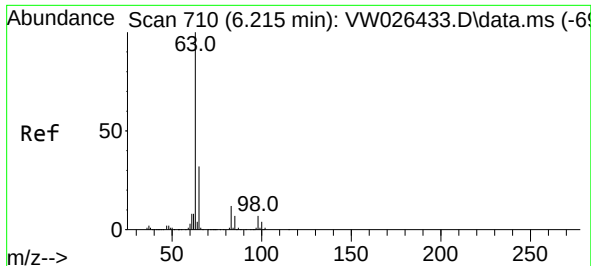
Tgt Ion: 96 Resp: 21355
Ion Ratio Lower Upper
96 100
61 154.6 105.2 195.4
98 56.5 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 2.058 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Tgt Ion: 73 Resp: 32997
Ion Ratio Lower Upper
73 100
43 20.9 16.6 25.0
57 20.9 19.3 28.9





#19

1,1-Dichloroethane

Concen: 2.175 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5476

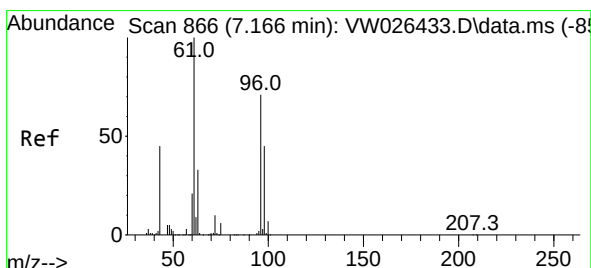
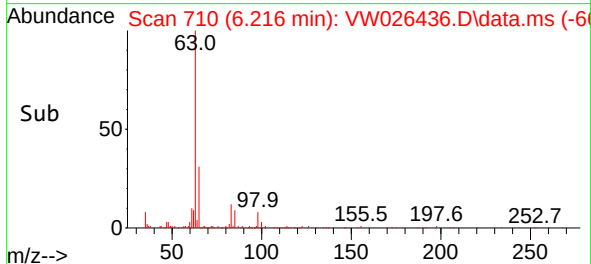
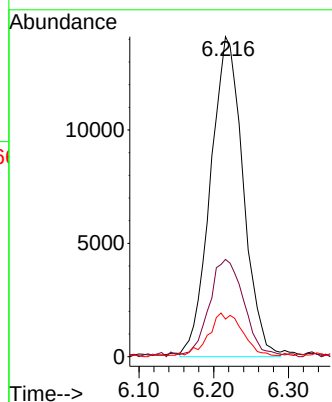
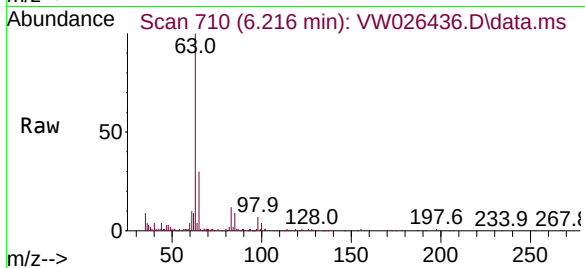
Tgt Ion: 63 Resp: 42944

Ion Ratio Lower Upper

63 100

65 30.4 22.3 41.5

83 11.8 8.3 15.3



#20

cis-1,2-Dichloroethene

Concen: 2.596 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.007 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

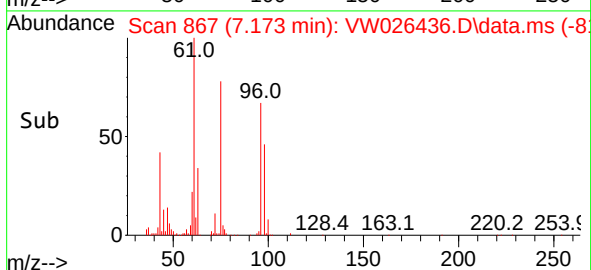
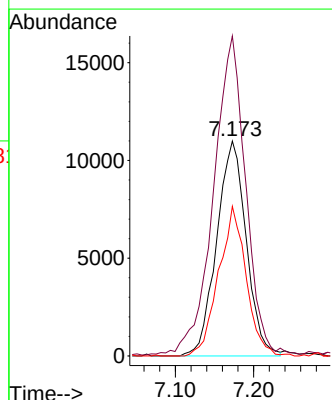
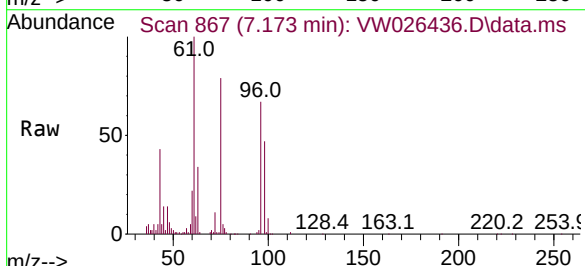
Tgt Ion: 96 Resp: 28847

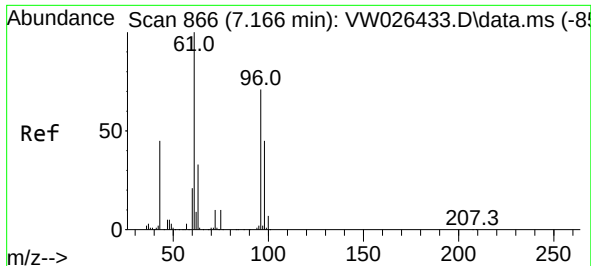
Ion Ratio Lower Upper

96 100

61 148.9 99.3 184.5

98 69.6 44.3 82.3

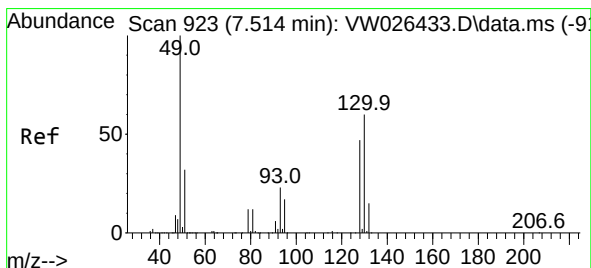
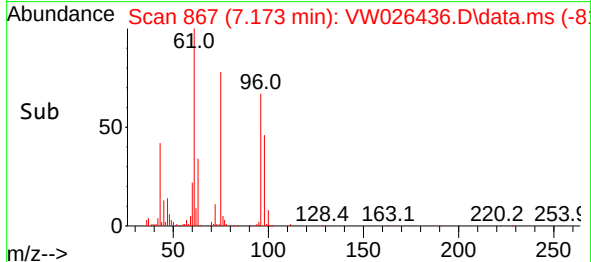
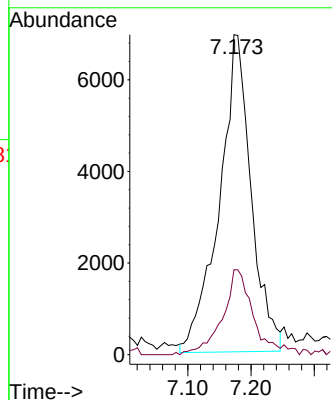
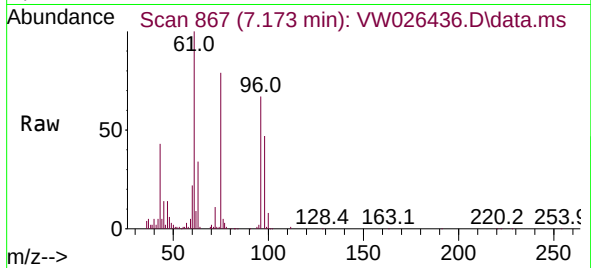




#22
2-Butanone
Concen: 5.969 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.007 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

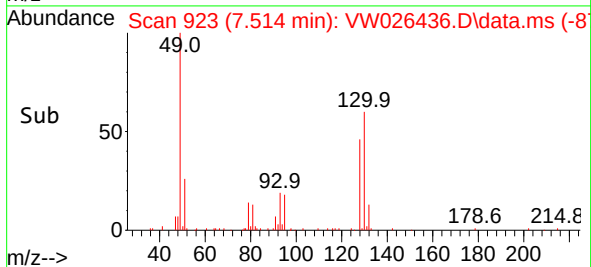
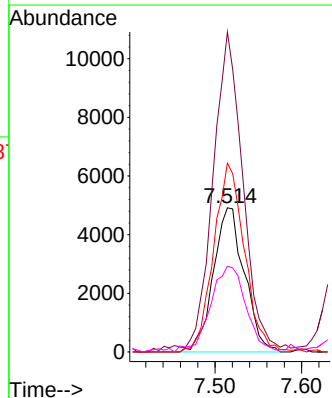
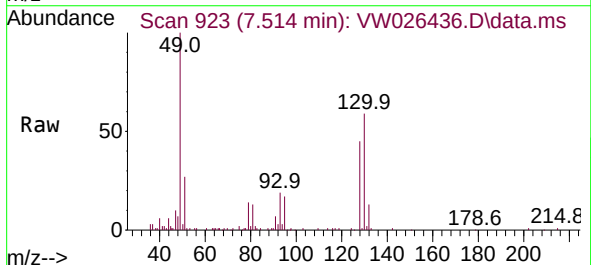
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5476

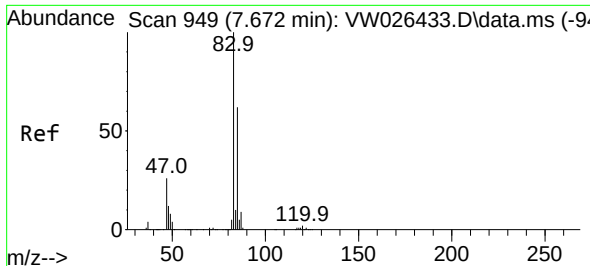
Tgt Ion: 43 Resp: 24227
Ion Ratio Lower Upper
43 100
72 25.1 12.6 37.8



#23
Bromochloromethane
Concen: 2.651 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Tgt Ion: 128 Resp: 12251
Ion Ratio Lower Upper
128 100
49 222.0 149.2 277.2
130 131.1 89.2 165.8
51 59.5 54.6 82.0

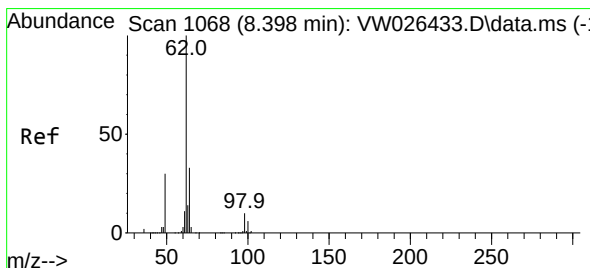
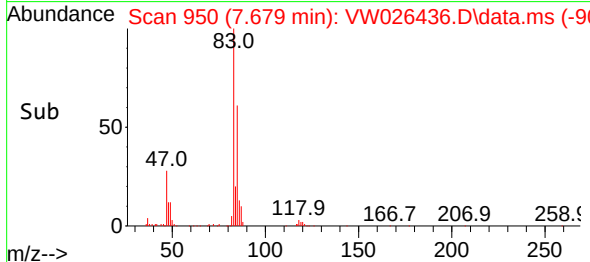
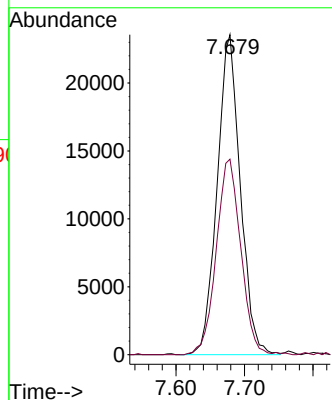
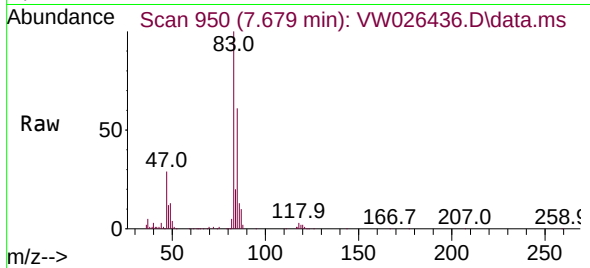




#25
Chloroform
Concen: 2.881 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.007 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

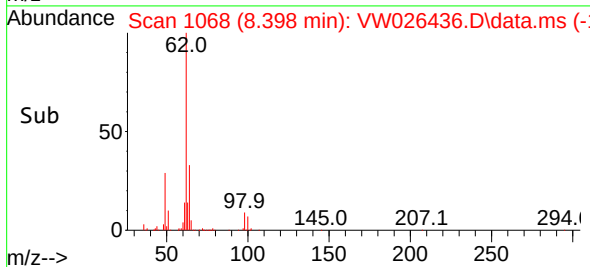
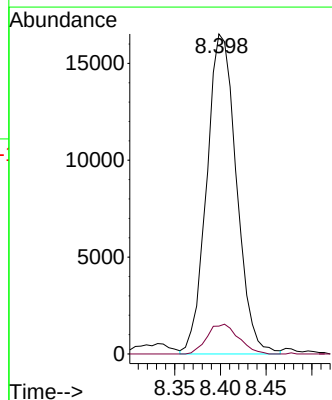
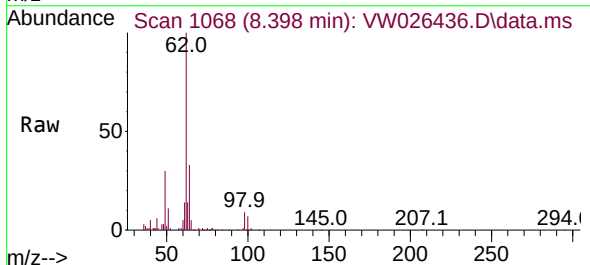
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5476

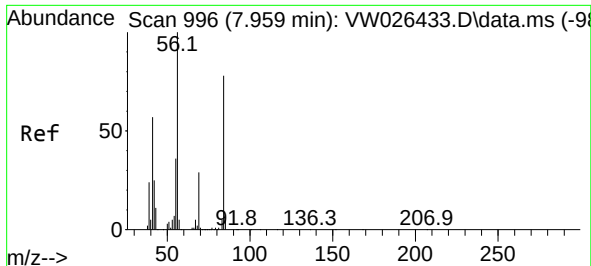
Tgt Ion: 83 Resp: 55198
Ion Ratio Lower Upper
83 100
85 61.1 44.4 82.4



#27
1,2-Dichloroethane
Concen: 2.853 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Tgt Ion: 62 Resp: 37379
Ion Ratio Lower Upper
62 100
98 8.7 7.6 11.4

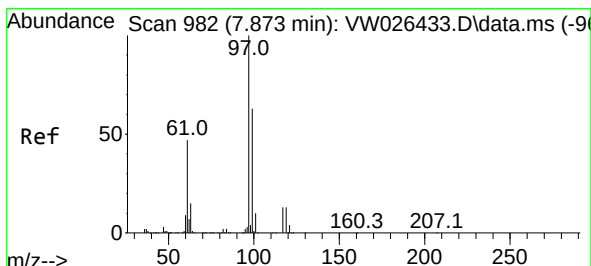
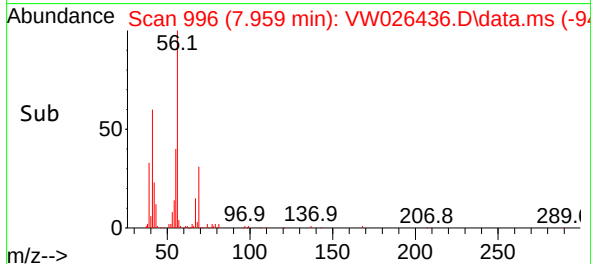
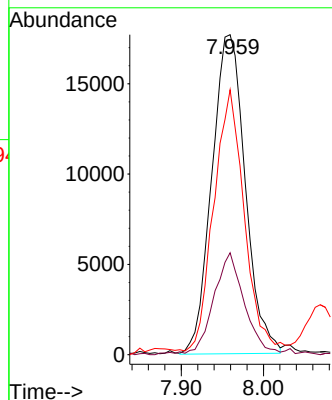
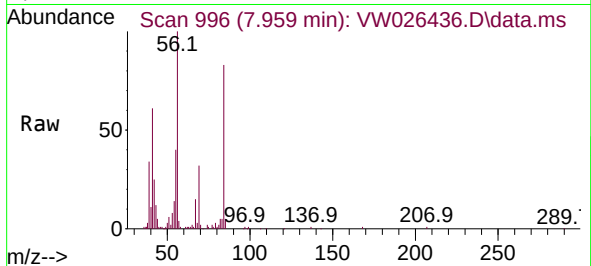




#29
Cyclohexane
Concen: 2.539 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

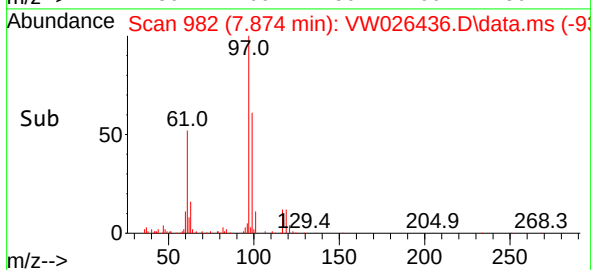
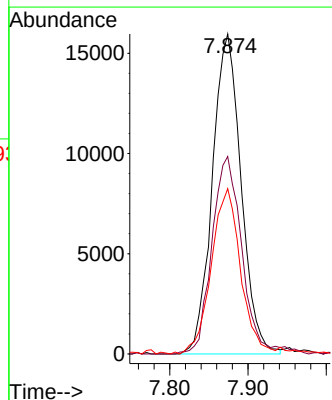
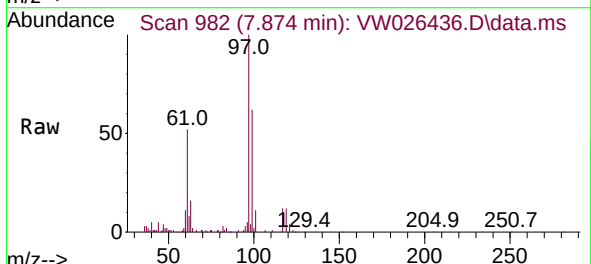
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5476

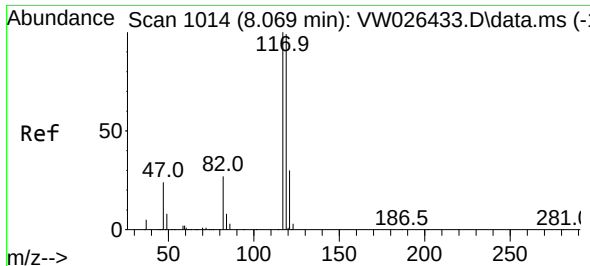
Tgt Ion:	56	Resp:	49941
Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.2	34.8
84	75.3	63.5	95.3



#30
1,1,1-Trichloroethane
Concen: 2.755 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Tgt Ion:	97	Resp:	40715
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.3	76.9
61	52.4	39.5	59.3

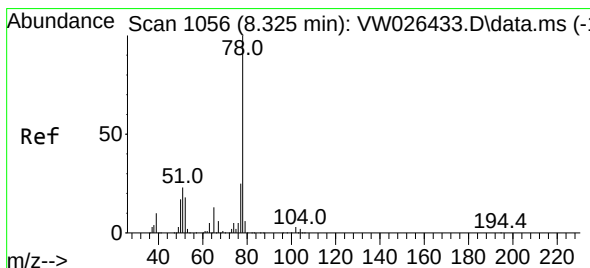
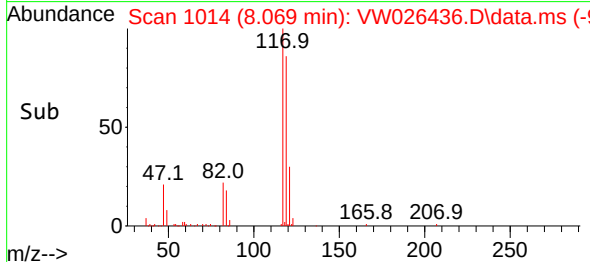
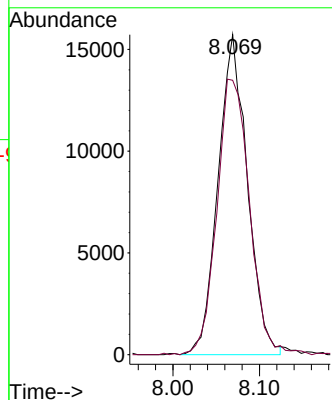
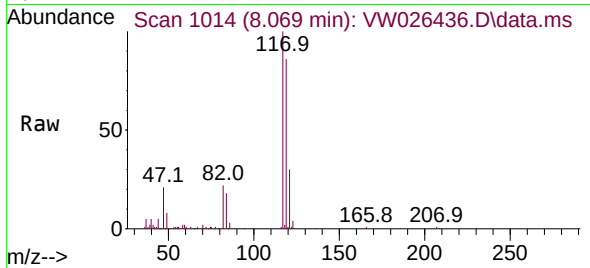




#31
Carbon tetrachloride
Concen: 2.777 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

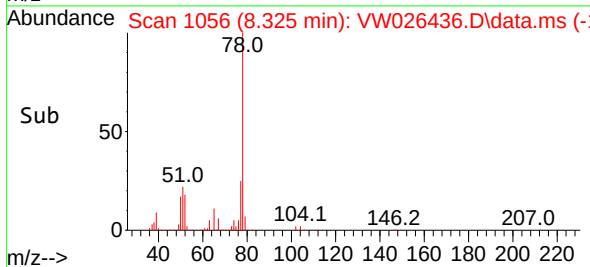
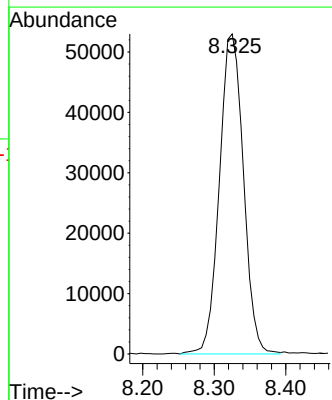
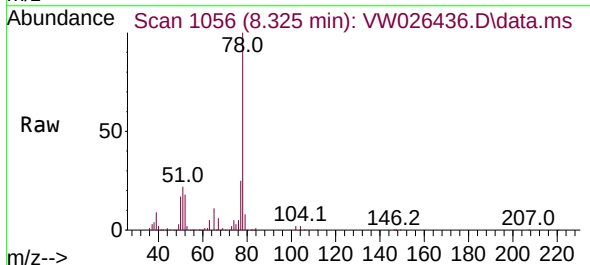
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5476

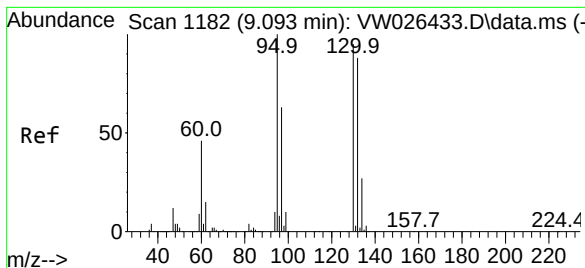
Tgt Ion:117 Resp: 36956
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.2



#33
Benzene
Concen: 2.847 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Tgt Ion: 78 Resp: 123711





#34

Trichloroethene

Concen: 2.749 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5476

Tgt Ion: 95 Resp: 30424

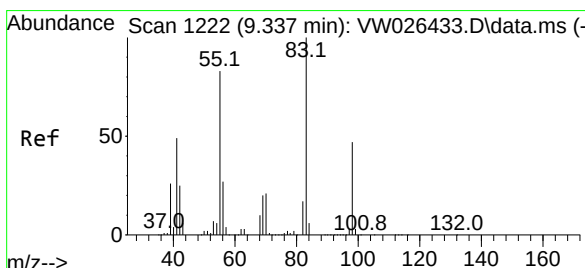
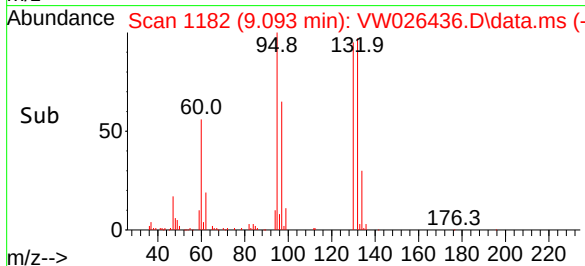
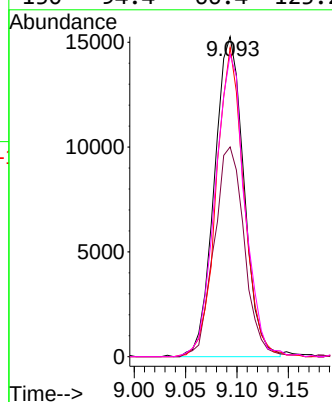
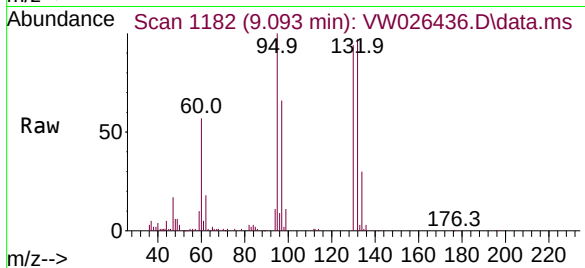
Ion Ratio Lower Upper

95 100

97 65.5 44.1 81.9

132 96.6 61.8 114.8

130 94.4 66.4 123.2



#35

Methylcyclohexane

Concen: 2.550 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

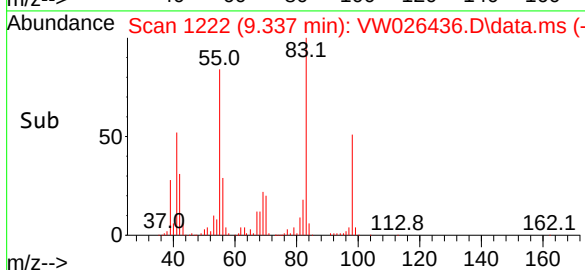
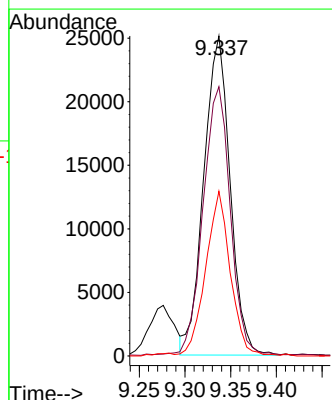
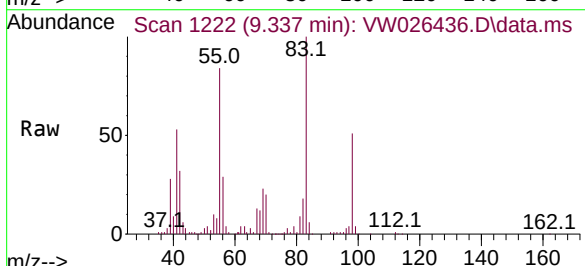
Tgt Ion: 83 Resp: 50287

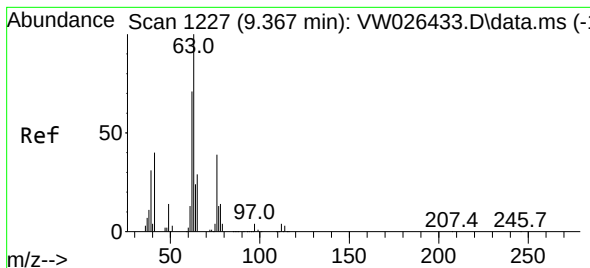
Ion Ratio Lower Upper

83 100

55 87.1 66.5 99.7

98 48.0 37.0 55.6





#37

1,2-Dichloropropane

Concen: 2.687 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

Instrument :

MSVOA_W

ClientSampleId :

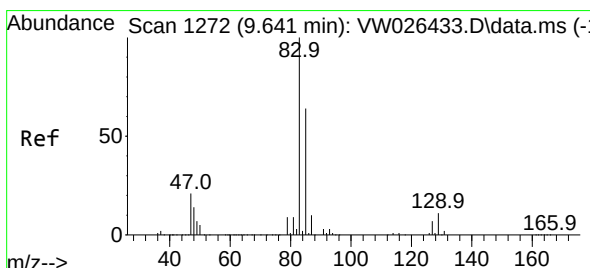
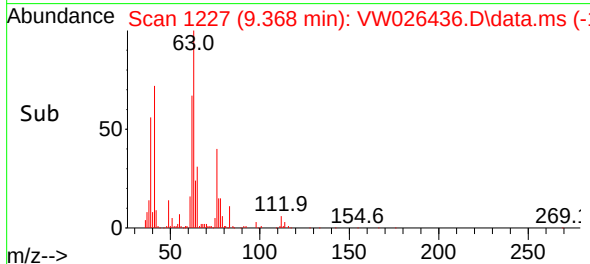
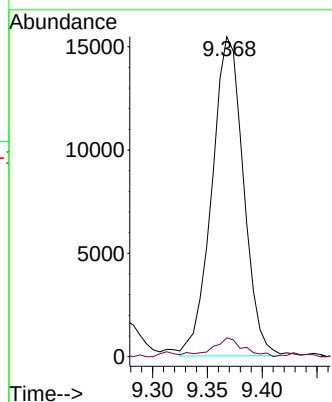
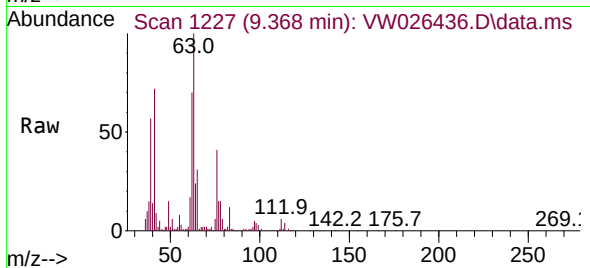
VSTD2.5476

Tgt Ion: 63 Resp: 30997

Ion Ratio Lower Upper

63 100

112 5.0 3.4 5.0



#38

Bromodichloromethane

Concen: 2.685 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.007 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

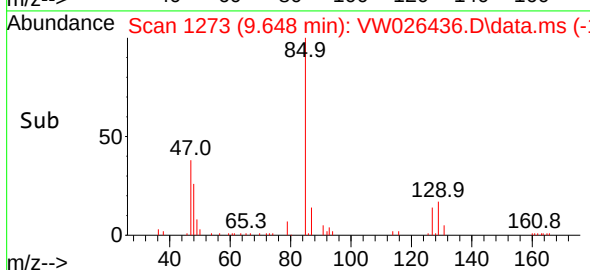
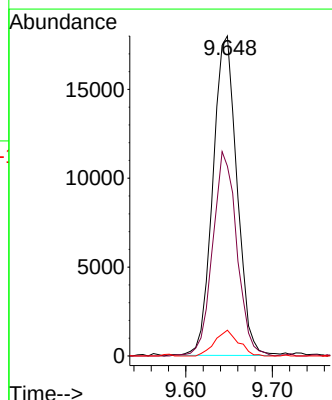
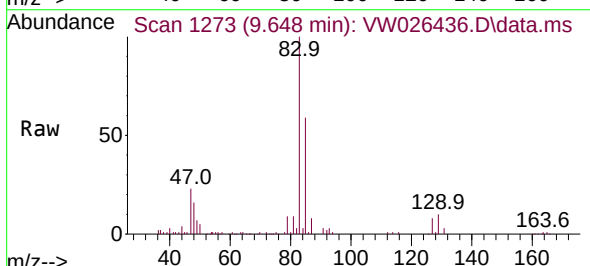
Tgt Ion: 83 Resp: 34763

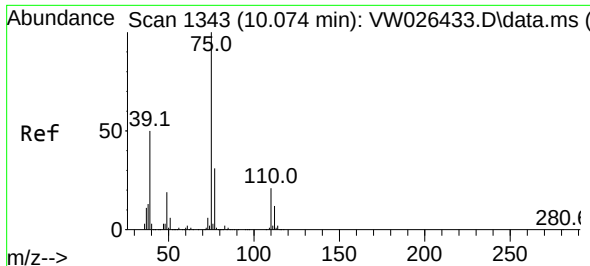
Ion Ratio Lower Upper

83 100

85 59.3 45.1 83.7

127 8.1 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 2.534 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

Instrument :

MSVOA_W

ClientSampleId :

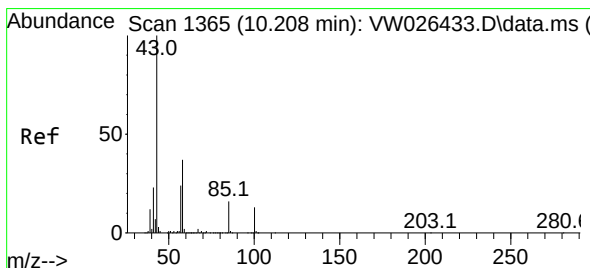
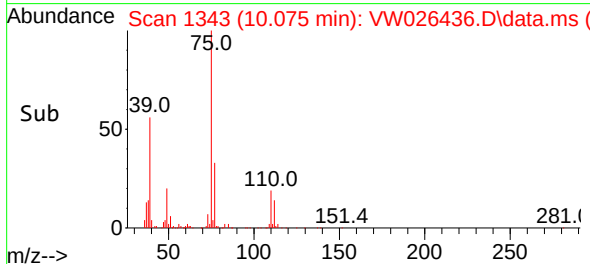
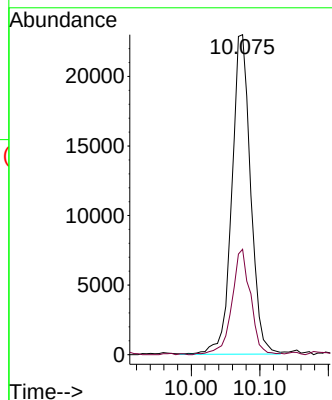
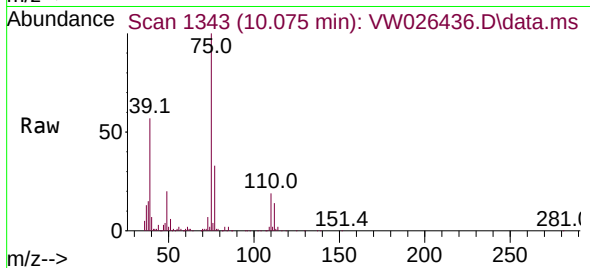
VSTD2.5476

Tgt Ion: 75 Resp: 43740

Ion Ratio Lower Upper

75 100

77 32.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 5.381 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

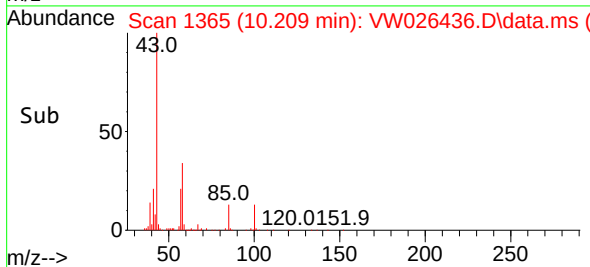
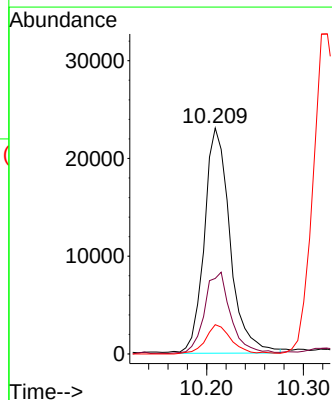
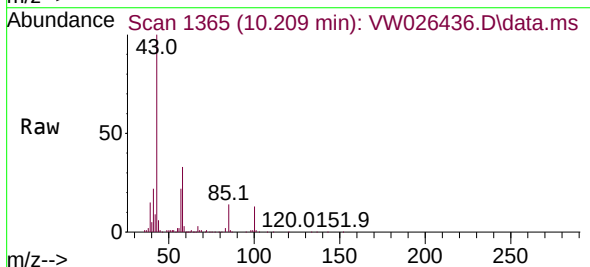
Tgt Ion: 43 Resp: 42612

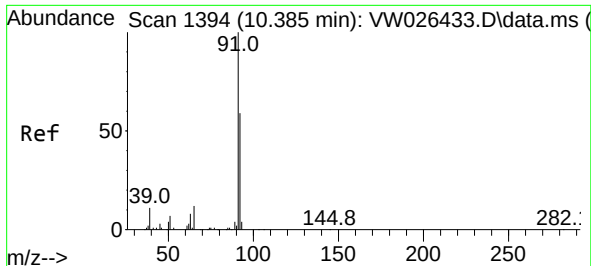
Ion Ratio Lower Upper

43 100

58 37.3 29.7 44.5

100 12.8 10.9 16.3

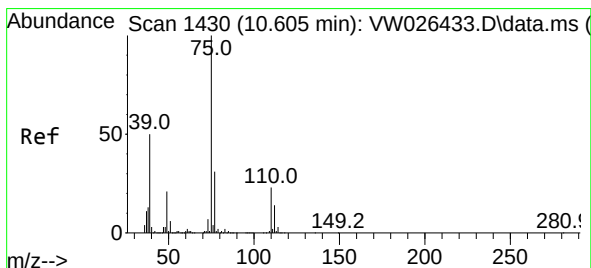
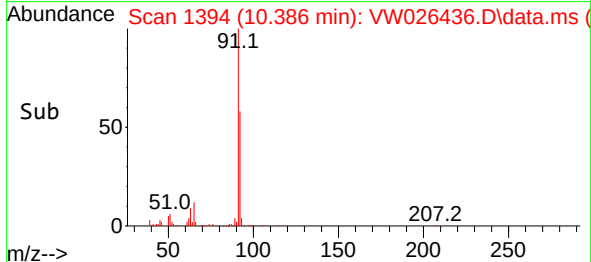
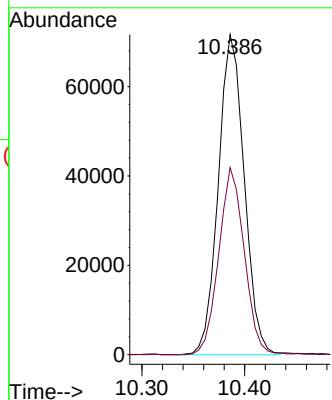
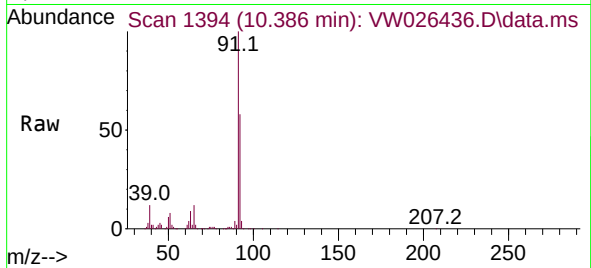




#42
Toluene
Concen: 2.817 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

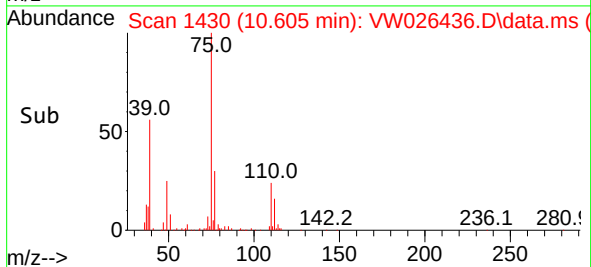
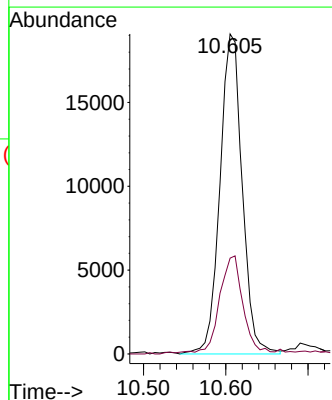
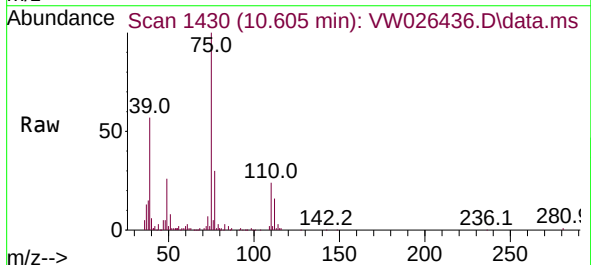
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5476

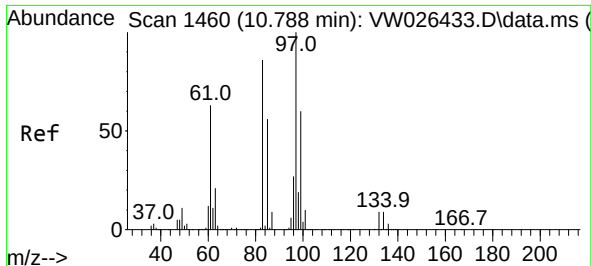
Tgt Ion: 91 Resp: 125231
Ion Ratio Lower Upper
91 100
92 58.4 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 2.546 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Tgt Ion: 75 Resp: 35918
Ion Ratio Lower Upper
75 100
77 30.0 21.8 40.6



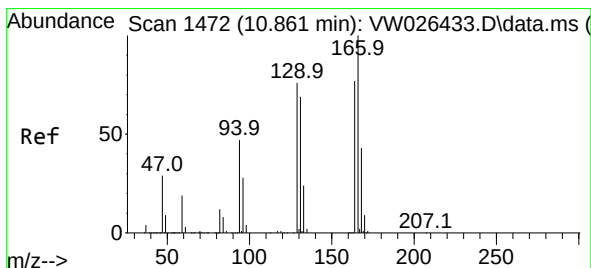
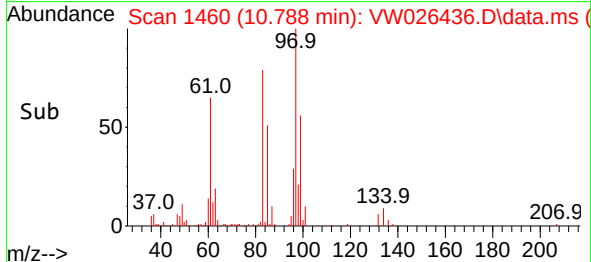
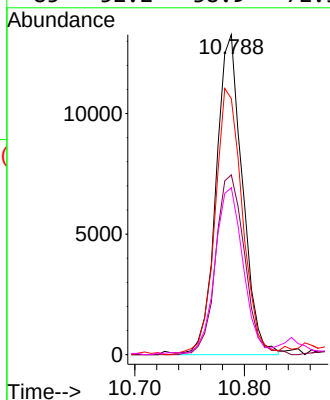
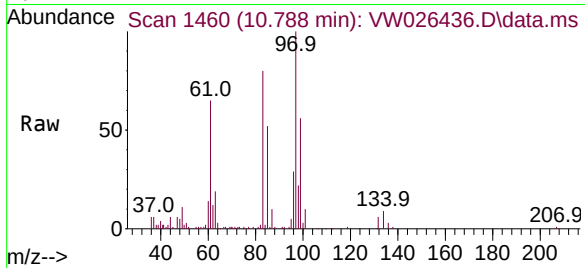


#45
1,1,2-Trichloroethane
Concen: 2.817 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5476

Tgt Ion: 97 Resp: 22130

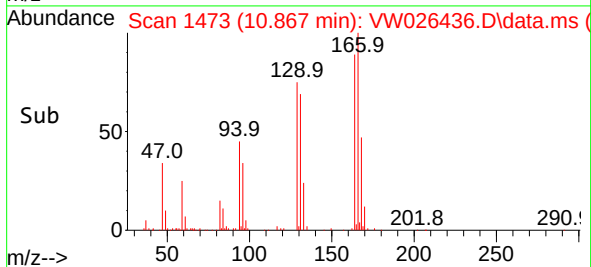
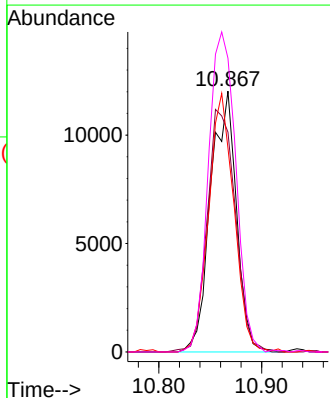
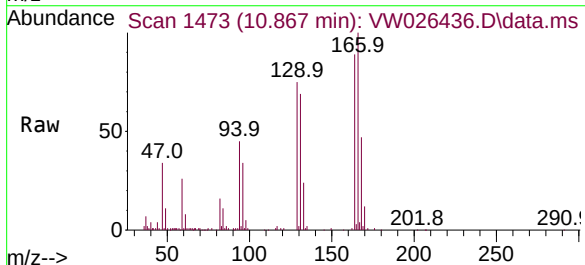
Ion	Ratio	Lower	Upper
97	100		
99	56.2	42.1	78.3
83	80.0	60.5	112.5
85	52.2	38.9	72.3

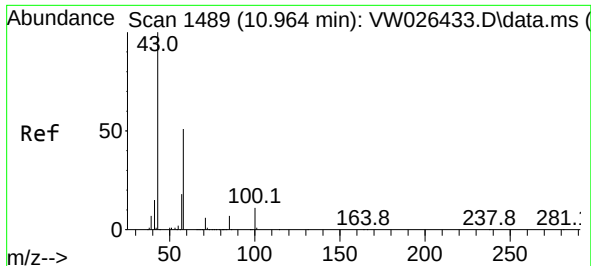


#46
Tetrachloroethene
Concen: 2.677 ug/L
RT: 10.867 min Scan# 1473
Delta R.T. 0.007 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Tgt Ion: 164 Resp: 20944

Ion	Ratio	Lower	Upper
164	100		
129	84.3	69.0	128.2
131	78.2	62.6	116.3
166	112.6	90.6	168.3

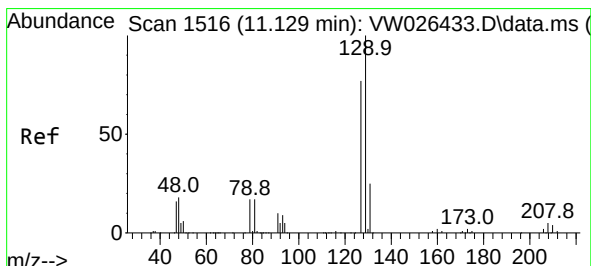
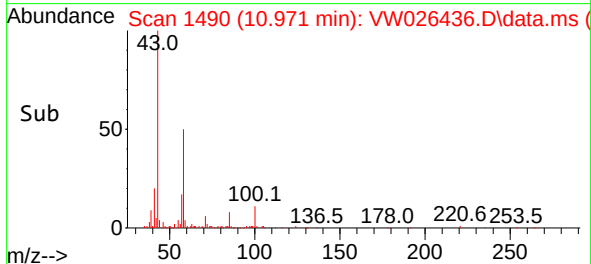
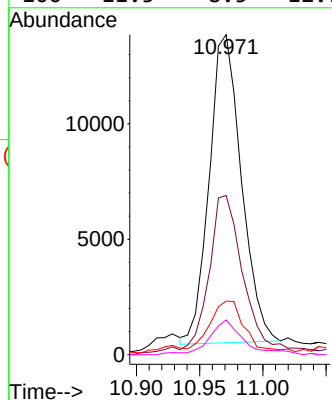
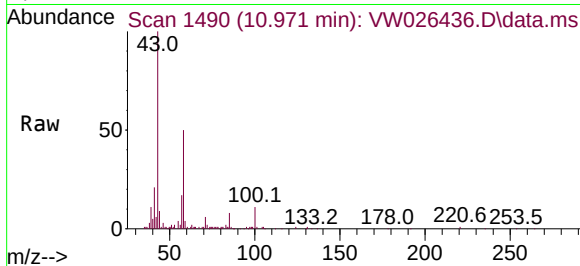




#48
2-Hexanone
Concen: 4.441 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.007 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

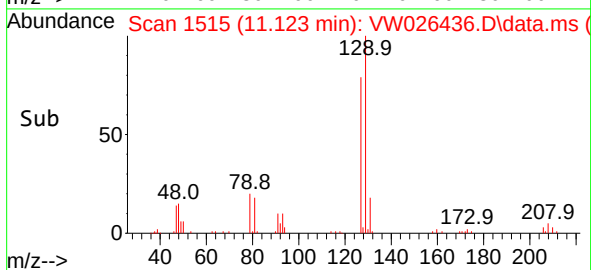
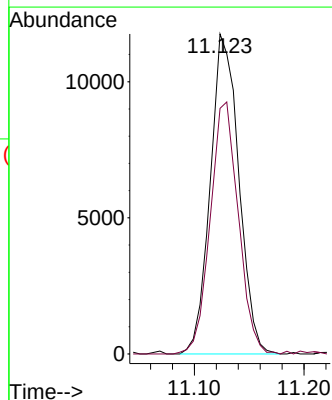
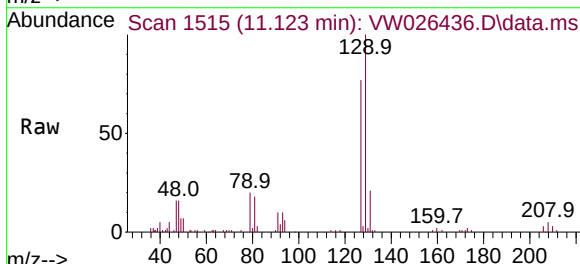
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5476

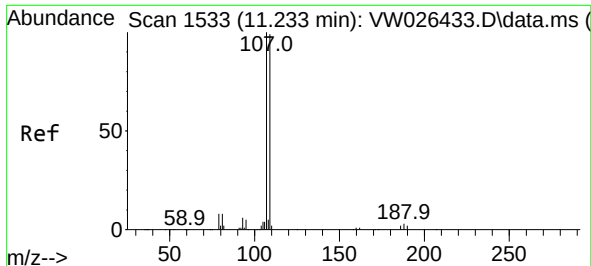
Tgt Ion:	43	Resp:	23606
Ion	Ratio	Lower	Upper
43	100		
58	54.4	42.1	63.1
57	15.2	14.5	21.7
100	11.5	8.5	12.7



#49
Dibromochloromethane
Concen: 2.714 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Tgt Ion:	129	Resp:	21239
Ion	Ratio	Lower	Upper
129	100		
127	76.8	54.0	100.4





#50

1,2-Dibromoethane

Concen: 2.642 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5476

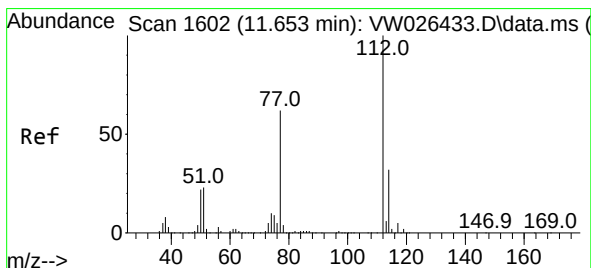
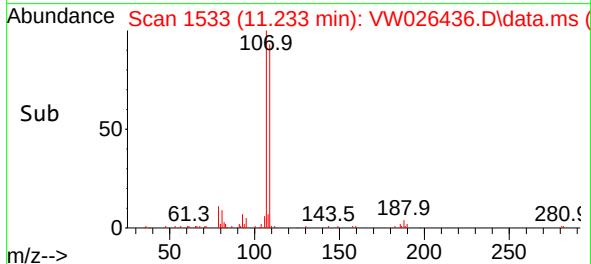
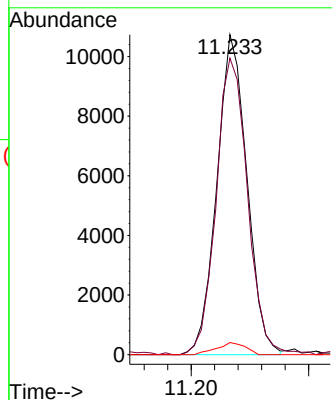
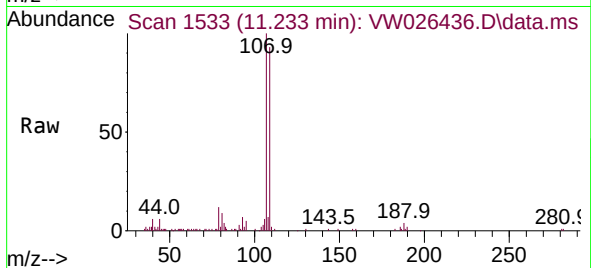
Tgt Ion:107 Resp: 19087

Ion Ratio Lower Upper

107 100

109 92.6 69.0 128.2

188 4.5 2.8 4.2#



#51

Chlorobenzene

Concen: 2.888 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

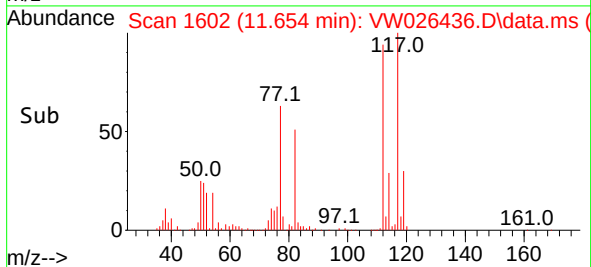
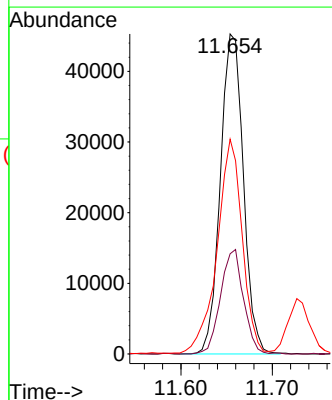
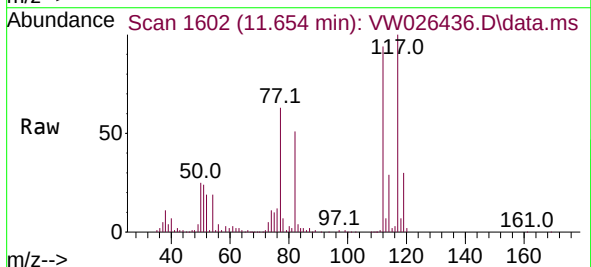
Tgt Ion:112 Resp: 79426

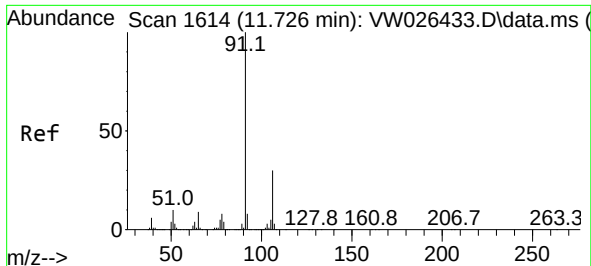
Ion Ratio Lower Upper

112 100

114 31.3 22.3 41.5

77 67.1 49.6 74.4

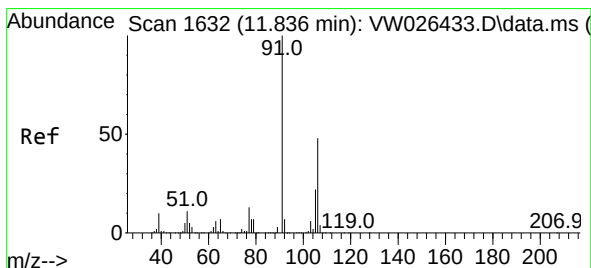
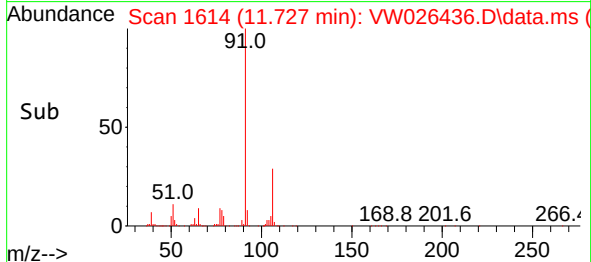
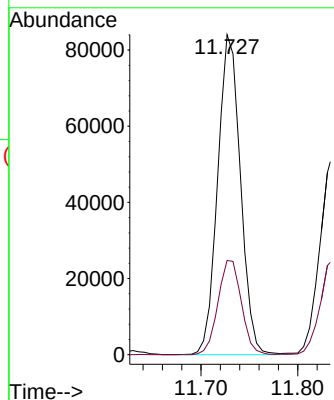
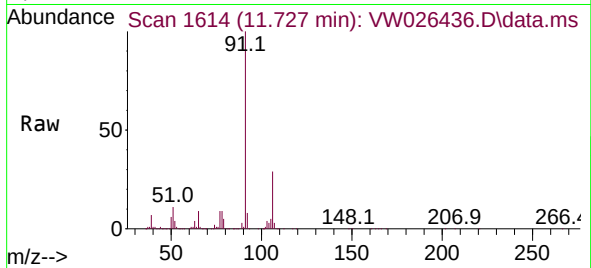




#52
Ethylbenzene
Concen: 2.749 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

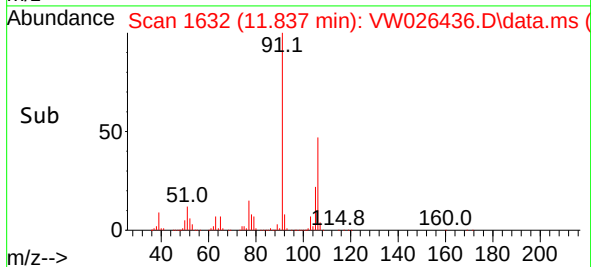
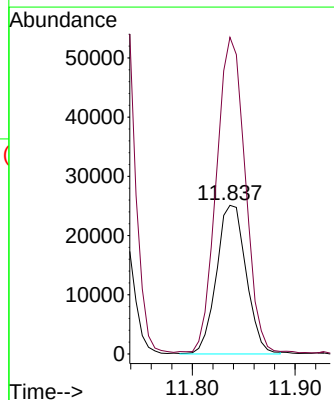
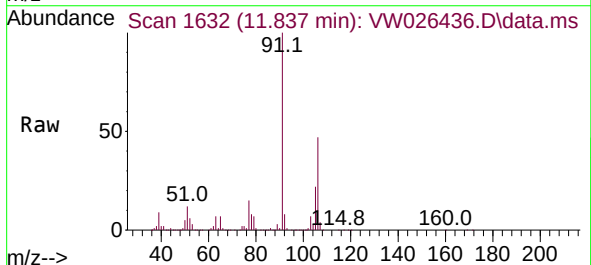
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5476

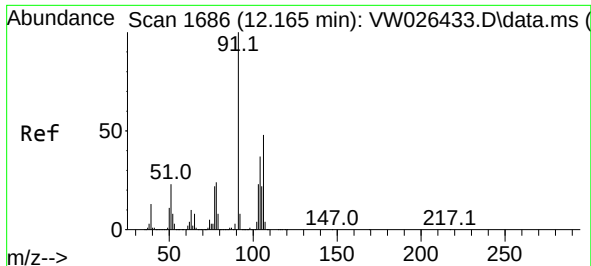
Tgt Ion: 91 Resp: 137492
Ion Ratio Lower Upper
91 100
106 29.4 20.9 38.7



#53
m,p-Xylene
Concen: 2.714 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Tgt Ion: 106 Resp: 50342
Ion Ratio Lower Upper
106 100
91 212.9 146.7 272.5

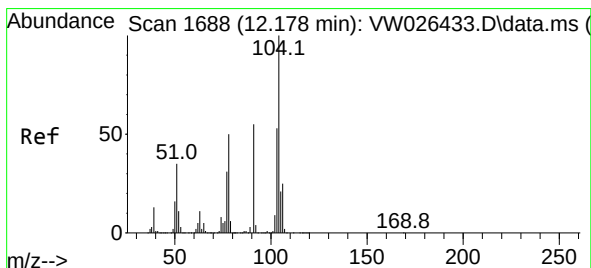
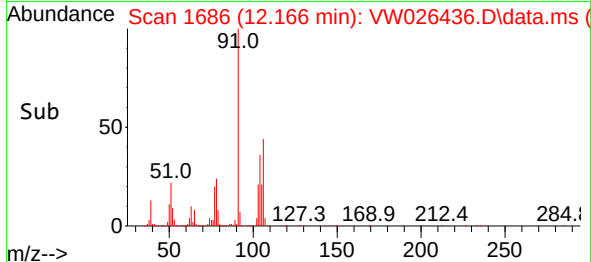
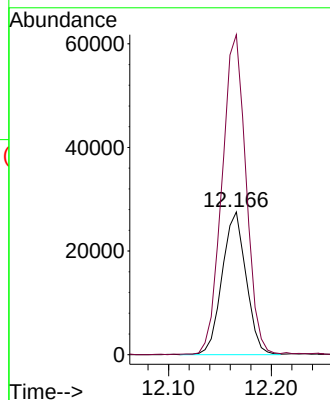
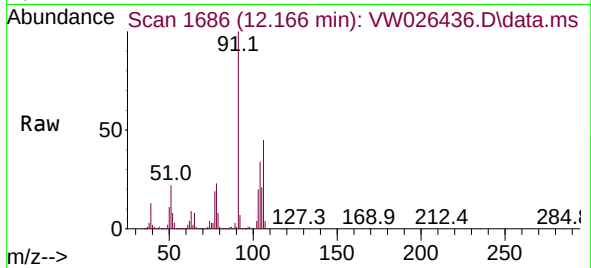




#54
o-Xylene
Concen: 2.590 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

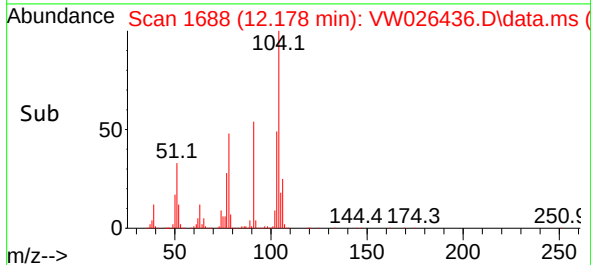
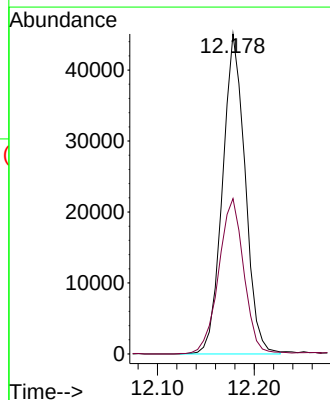
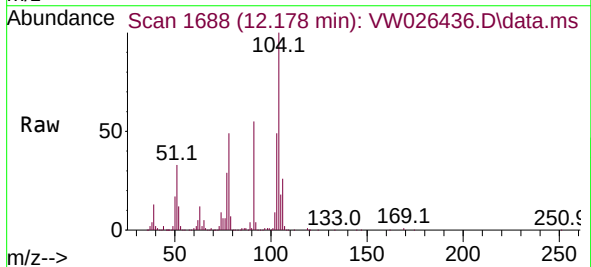
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5476

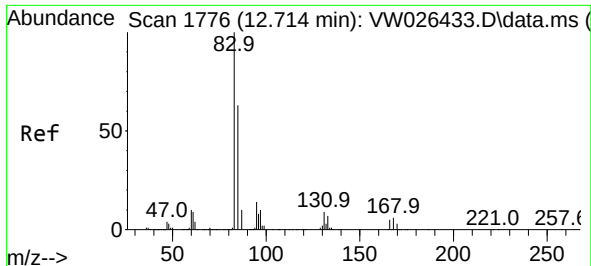
Tgt Ion:106 Resp: 44560
Ion Ratio Lower Upper
106 100
91 224.2 145.5 270.1



#55
Styrene
Concen: 2.489 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Tgt Ion:104 Resp: 73088
Ion Ratio Lower Upper
104 100
78 48.6 34.8 64.6





#57

1,1,2,2-Tetrachloroethane

Concen: 2.785 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5476

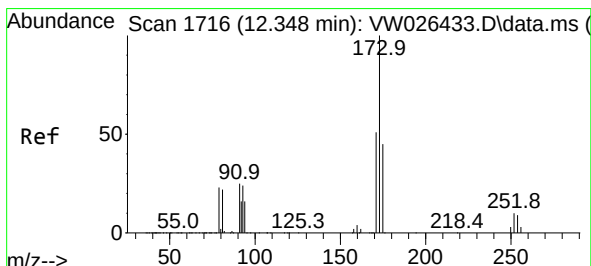
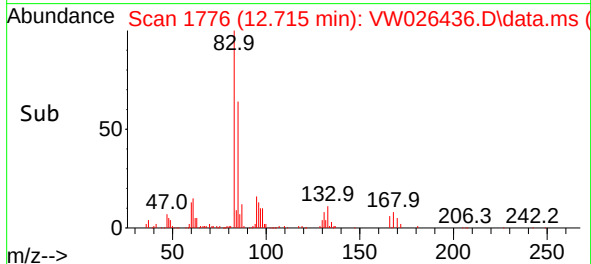
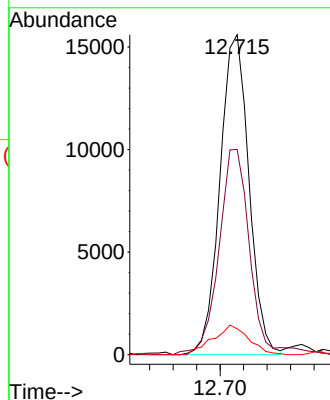
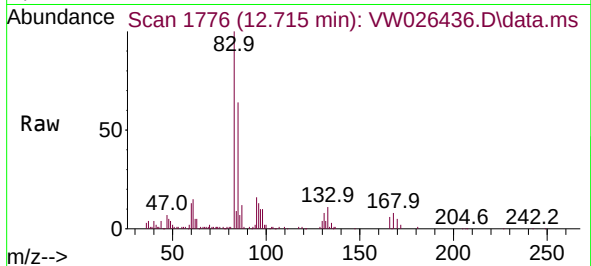
Tgt Ion: 83 Resp: 26723

Ion Ratio Lower Upper

83 100

85 64.2 44.6 82.8

131 8.1 7.2 10.8



#59

Bromoform

Concen: 2.529 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

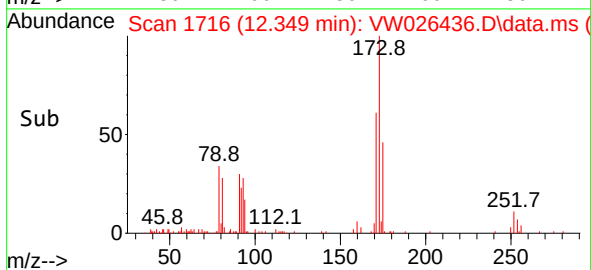
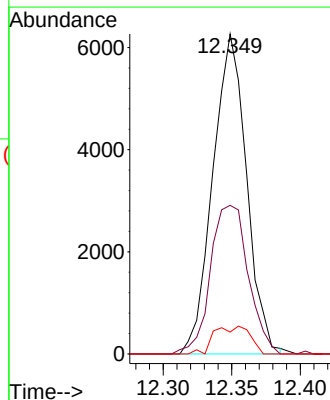
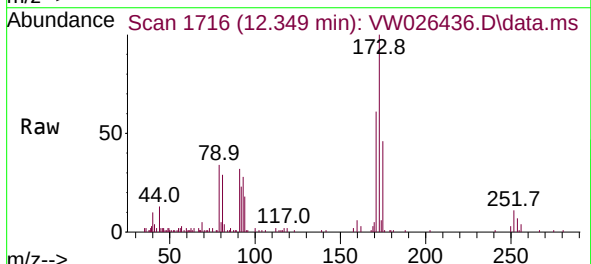
Tgt Ion: 173 Resp: 10715

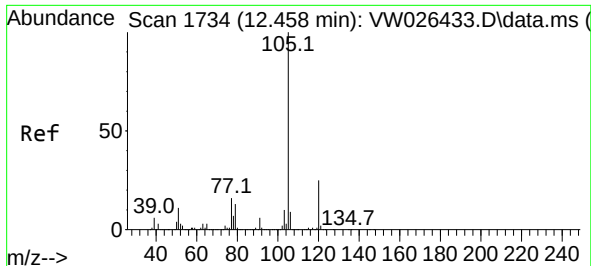
Ion Ratio Lower Upper

173 100

175 52.1 37.4 56.2

254 4.2 7.3 10.9#

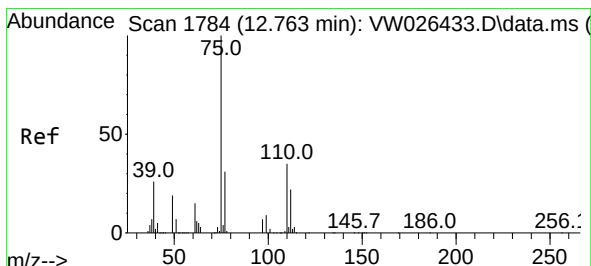
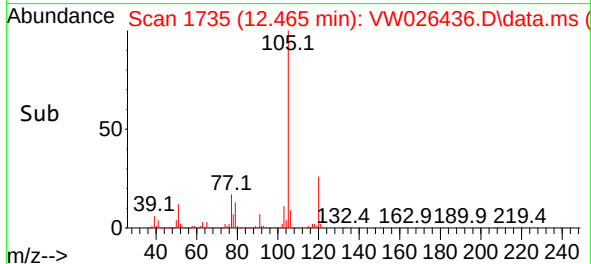
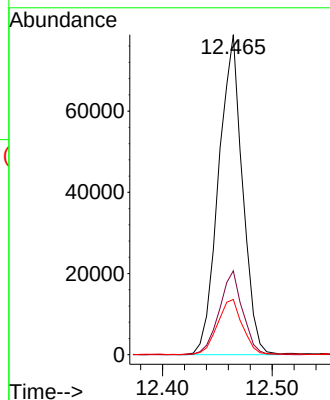
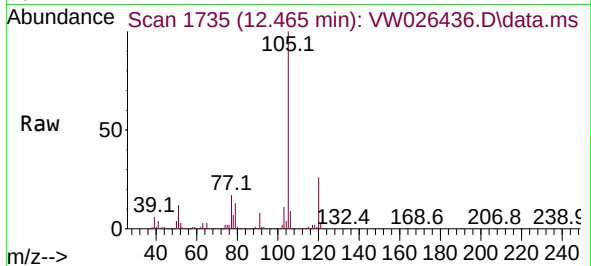




#60
Isopropylbenzene
Concen: 2.560 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.007 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

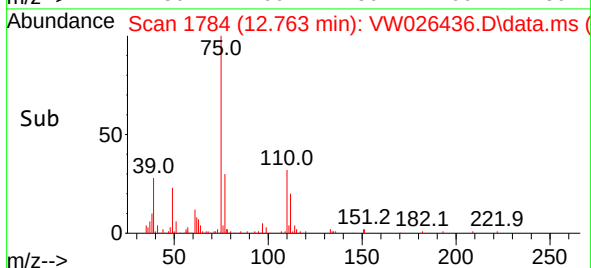
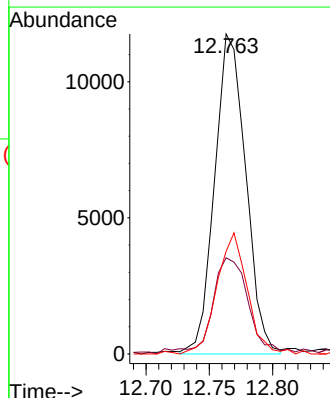
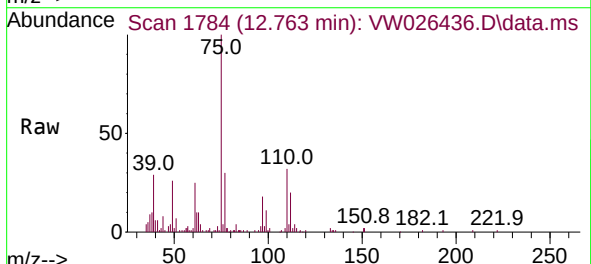
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5476

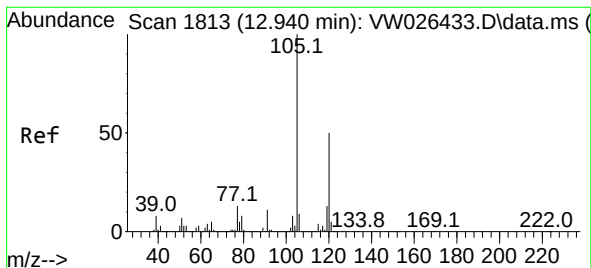
Tgt Ion:105 Resp: 119506
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 18.2 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 2.874 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Tgt Ion: 75 Resp: 20104
Ion Ratio Lower Upper
75 100
77 33.7 25.2 37.8
110 36.6 28.2 42.4

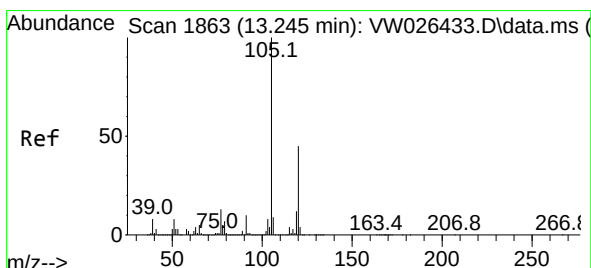
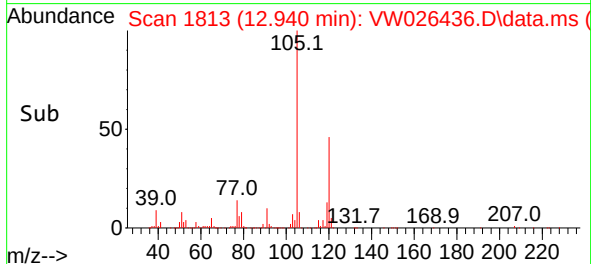
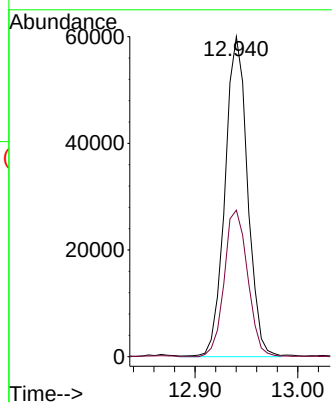
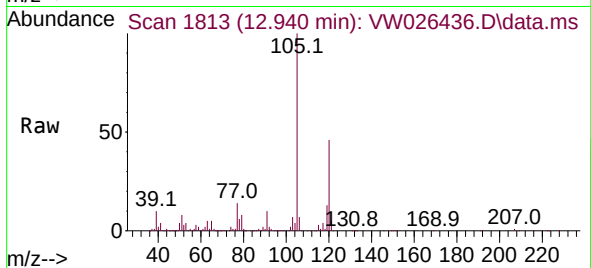




#62
1,3,5-Trimethylbenzene
Concen: 2.467 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

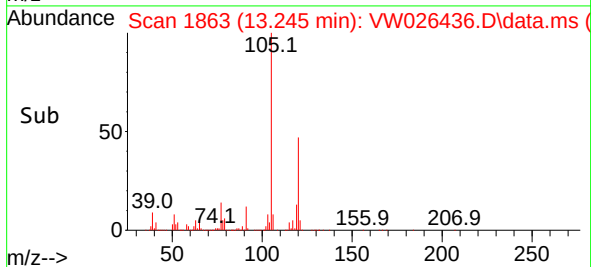
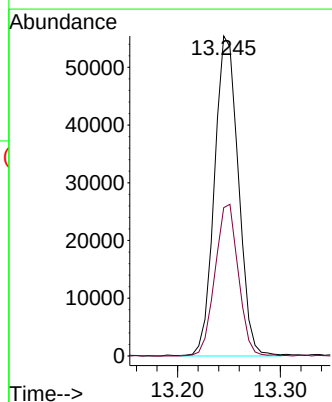
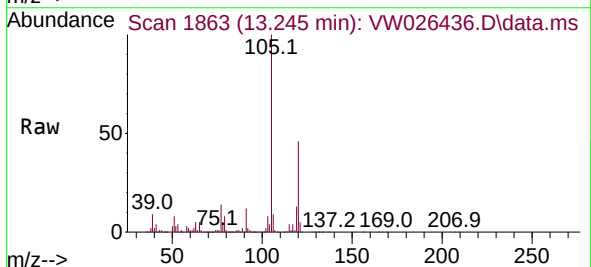
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5476

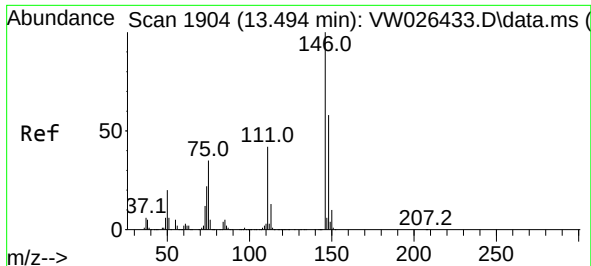
Tgt Ion:105 Resp: 91557
Ion Ratio Lower Upper
105 100
120 47.6 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 2.470 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Tgt Ion:105 Resp: 89577
Ion Ratio Lower Upper
105 100
120 46.1 36.0 54.0

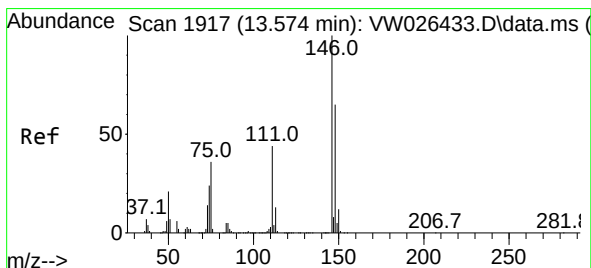
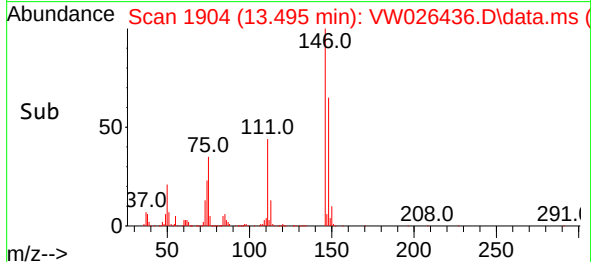
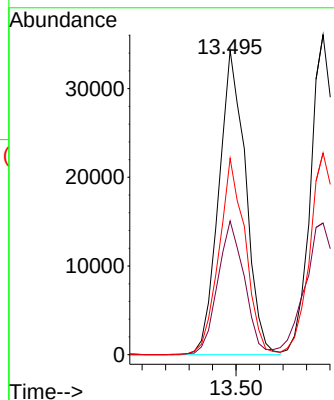
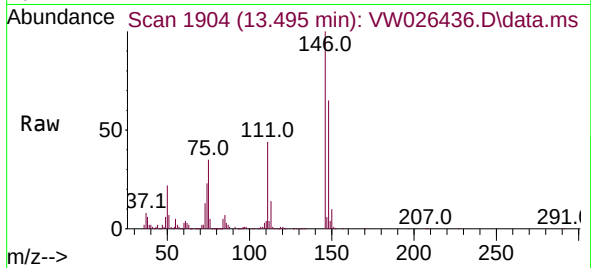




#64
1,3-Dichlorobenzene
Concen: 2.787 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

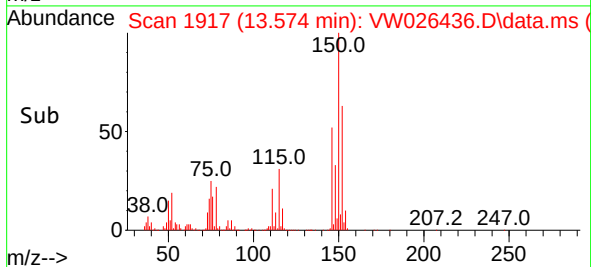
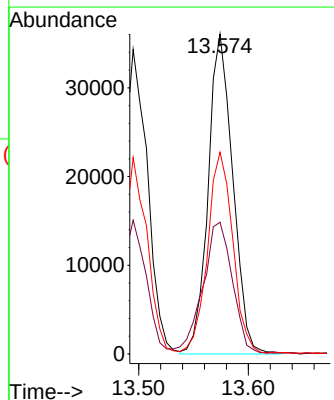
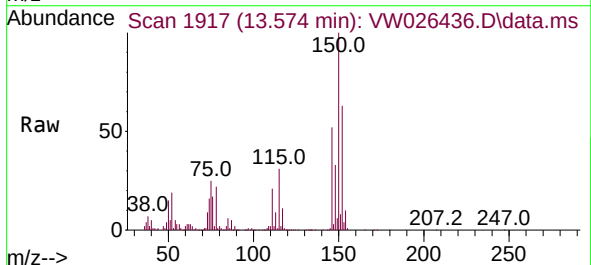
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5476

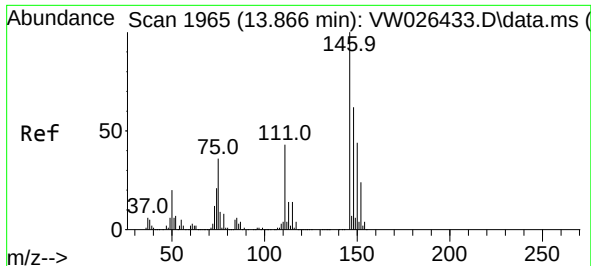
Tgt Ion:146 Resp: 54574
Ion Ratio Lower Upper
146 100
111 43.9 29.5 54.9
148 64.5 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 2.899 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026436.D
Acq: 29 Jun 2023 15:31

Tgt Ion:146 Resp: 56471
Ion Ratio Lower Upper
146 100
111 41.2 30.7 56.9
148 63.1 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 3.035 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5476

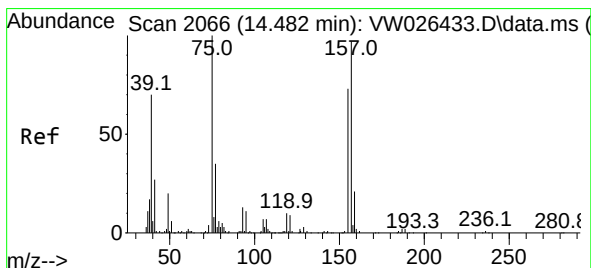
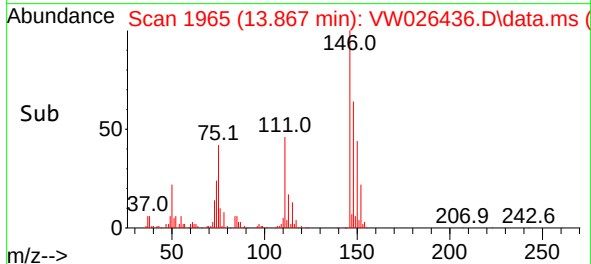
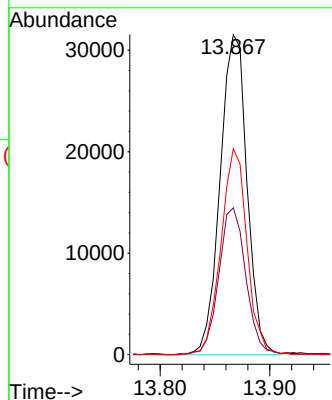
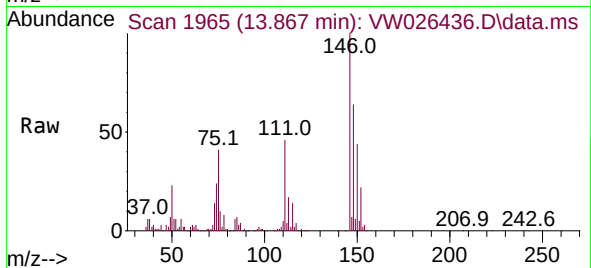
Tgt Ion:146 Resp: 53784

Ion Ratio Lower Upper

146 100

111 45.9 34.7 52.1

148 64.4 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 3.056 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

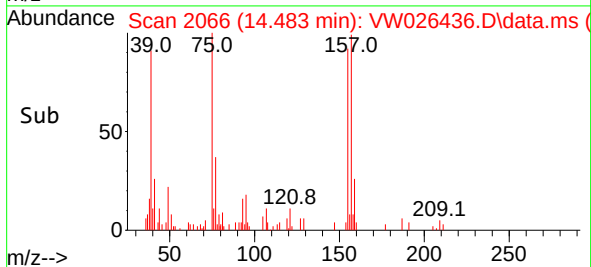
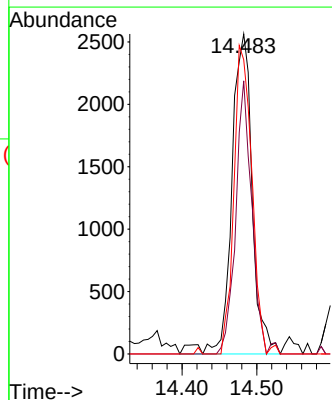
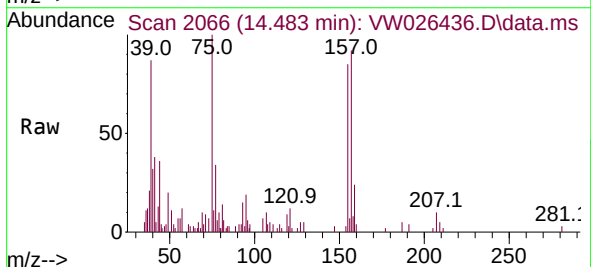
Tgt Ion: 75 Resp: 4877

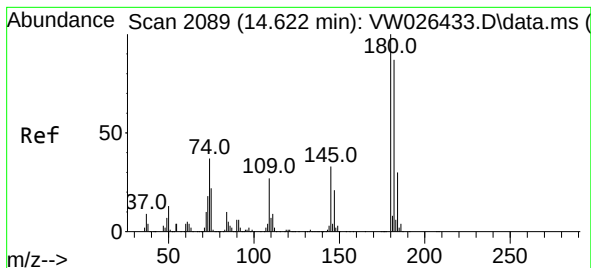
Ion Ratio Lower Upper

75 100

155 85.3 58.5 87.7

157 91.9 77.4 116.2





#69

1,3,5-Trichlorobenzene

Concen: 3.073 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5476

Tgt Ion:180 Resp: 40962

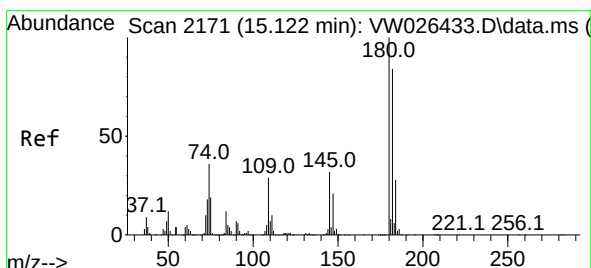
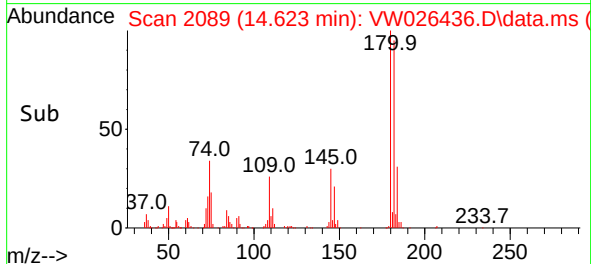
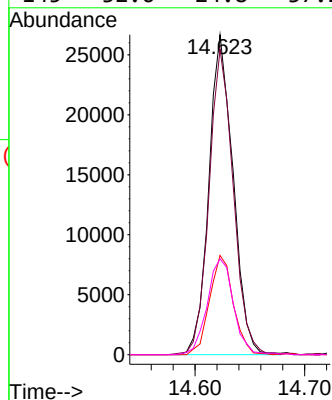
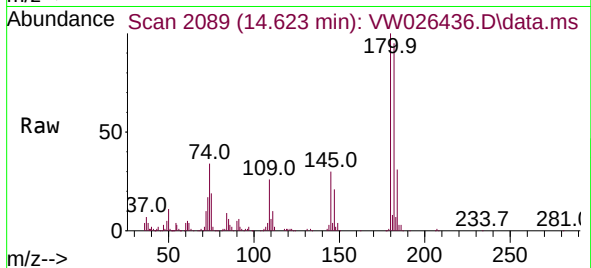
Ion Ratio Lower Upper

180 100

182 95.4 74.5 111.7

184 30.3 23.8 35.6

145 32.6 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 3.016 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.007 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

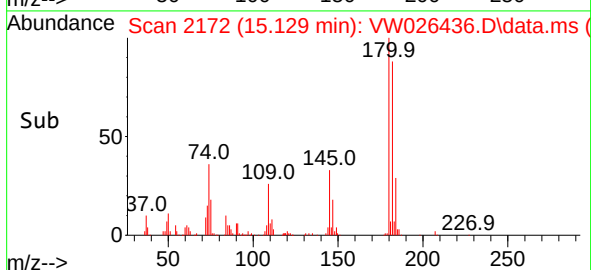
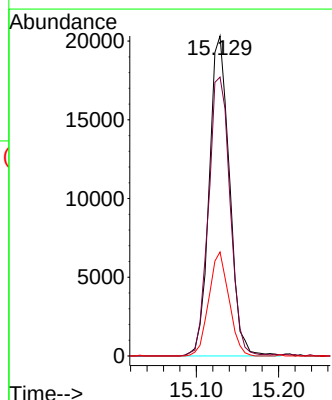
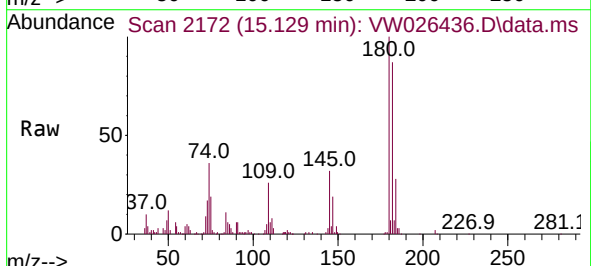
Tgt Ion:180 Resp: 34799

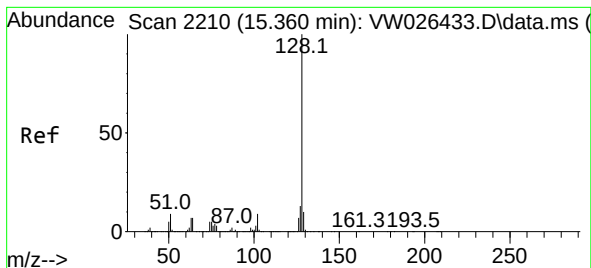
Ion Ratio Lower Upper

180 100

182 92.5 75.5 113.3

145 32.2 26.2 39.2





#71

Naphthalene

Concen: 2.751 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5476

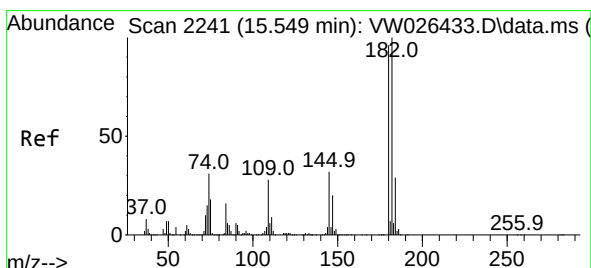
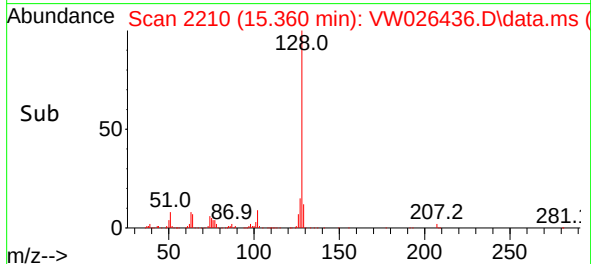
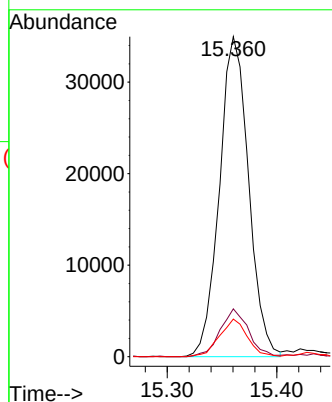
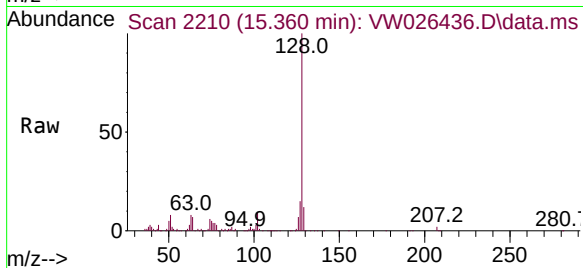
Tgt Ion:128 Resp: 64708

Ion Ratio Lower Upper

128 100

127 14.5 10.4 15.6

129 11.2 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 3.133 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026436.D

Acq: 29 Jun 2023 15:31

Tgt Ion:180 Resp: 31091

Ion Ratio Lower Upper

180 100

182 96.3 75.7 113.5

145 35.7 27.0 40.6

