

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026675.D
 Acq On : 10 Aug 2023 13:09
 Operator : SY/MD
 Sample : VSTD00525
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005425

Quant Time: Aug 11 01:28:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 01:25:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	523801	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	513826	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	265741	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	46622	5.414	ug/L	0.00
7) Chloroethane-d5	2.893	69	32774	5.181	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	22863	5.399	ug/L	0.00
21) 2-Butanone-d5	7.093	46	24062	9.779	ug/L	0.01
24) Chloroform-d	7.648	84	91715	5.217	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	49716	5.124	ug/L	0.00
32) Benzene-d6	8.276	84	183028	5.168	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	55380	5.021	ug/L	0.00
41) Toluene-d8	10.325	98	150326	4.945	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	22032	4.838	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	9820	8.472	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	42998	4.936	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	49183	5.171	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	32033	4.441	ug/L	# 83
3) Chloromethane	2.222	50	47332	4.860	ug/L	97
5) Vinyl chloride	2.375	62	44043	4.731	ug/L	98
6) Bromomethane	2.783	94	26459	4.871	ug/L	100
8) Chloroethane	2.930	64	26651	4.778	ug/L	97
9) Trichlorofluoromethane	3.259	101	35839	4.691	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	38526	4.715	ug/L	95
12) 1,1-Dichloroethene	4.051	96	36131	4.667	ug/L	99
13) Acetone	4.131	43	28103	11.529	ug/L	98
14) Carbon disulfide	4.393	76	132299	4.750	ug/L	98
15) Methyl Acetate	4.679	43	22939	4.654	ug/L	94
16) Methylene chloride	4.917	84	50778	5.011	ug/L	97
17) trans-1,2-Dichloroethene	5.417	96	41200	4.769	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	58063	4.442	ug/L	97
19) 1,1-Dichloroethane	6.222	63	86035	4.839	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	44183	4.758	ug/L	96
22) 2-Butanone	7.173	43	35393	9.760	ug/L	95
23) Bromochloromethane	7.520	128	19684	4.907	ug/L	91
25) Chloroform	7.679	83	85704	4.989	ug/L	100
27) 1,2-Dichloroethane	8.404	62	56934	4.751	ug/L	99
29) Cyclohexane	7.959	56	70222	4.419	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	65472	4.882	ug/L	98
31) Carbon tetrachloride	8.069	117	58124	4.740	ug/L	94
33) Benzene	8.325	78	178221	4.763	ug/L	100
34) Trichloroethene	9.093	95	45748	4.800	ug/L	97
35) Methylcyclohexane	9.337	83	72616	4.454	ug/L	98
37) 1,2-Dichloropropane	9.367	63	48755	4.757	ug/L	98
38) Bromodichloromethane	9.642	83	56157	4.671	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	64063	4.345	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	57618	8.643	ug/L	99
42) Toluene	10.386	91	174430	4.608	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	57416	4.524	ug/L	100

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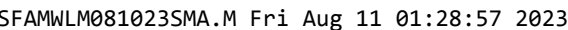
Instrument :
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 ClientSampleId :
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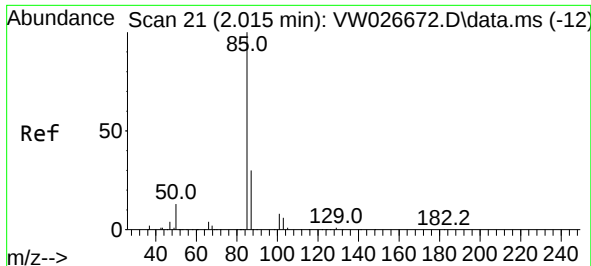
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 01:25:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	33419	4.768	ug/L	97
46) Tetrachloroethene	10.861	164	32232	4.655	ug/L	97
48) 2-Hexanone	10.965	43	38537	8.495	ug/L	98
49) Dibromochloromethane	11.123	129	32999	4.501	ug/L	100
50) 1,2-Dibromoethane	11.233	107	30685	4.665	ug/L	94
51) Chlorobenzene	11.654	112	111930	4.681	ug/L	97
52) Ethylbenzene	11.727	91	192227	4.529	ug/L	99
53) m,p-Xylene	11.837	106	70527	4.485	ug/L	88
54) o-Xylene	12.166	106	65687	4.476	ug/L	98
55) Styrene	12.178	104	111703	4.377	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	40809	4.597	ug/L	98
59) Bromoform	12.349	173	19623	4.714	ug/L	96
60) Isopropylbenzene	12.464	105	179763	4.550	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	30718	4.765	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	135223	4.330	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	132676	4.336	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	81115	4.721	ug/L #	82
65) 1,4-Dichlorobenzene	13.574	146	87610	4.886	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	74197	4.749	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	7681	4.982	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.623	180	55966	4.821	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	48507	4.928	ug/L	98
71) Naphthalene	15.360	128	80166	4.270	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	42066	4.739	ug/L	98

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

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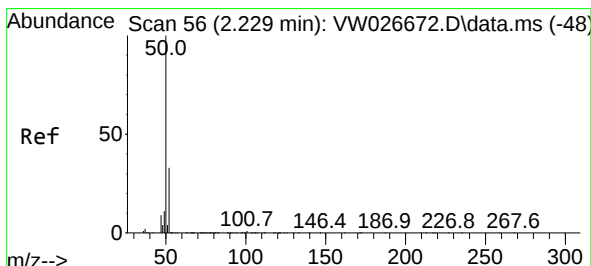
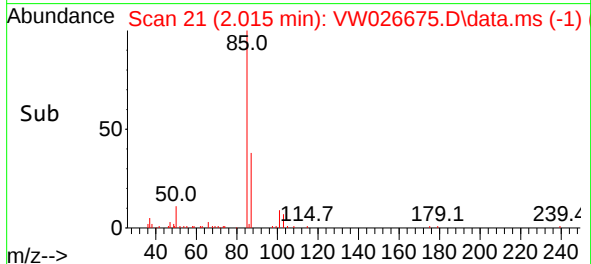
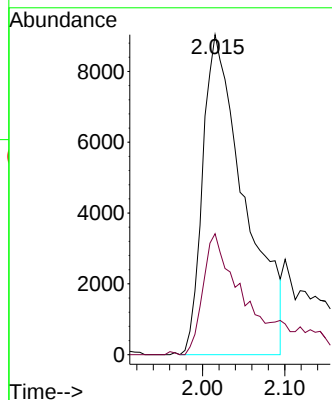
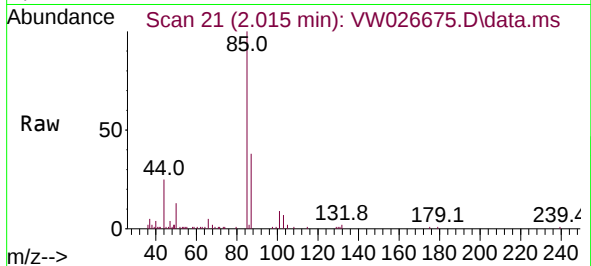




#2
 Dichlorodifluoromethane
 Concen: 4.441 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026675.D
 Acq: 10 Aug 2023 13:09

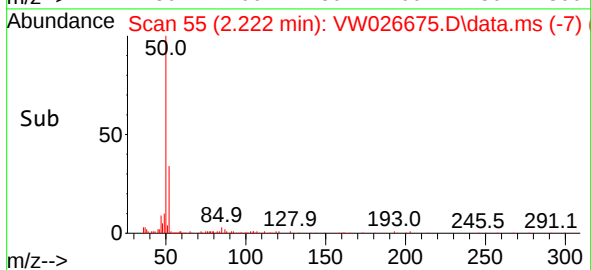
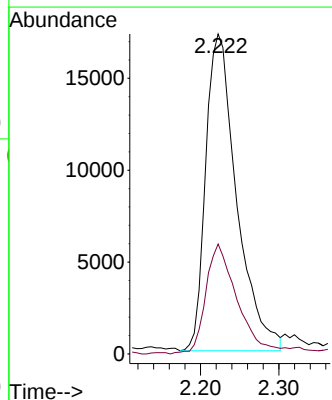
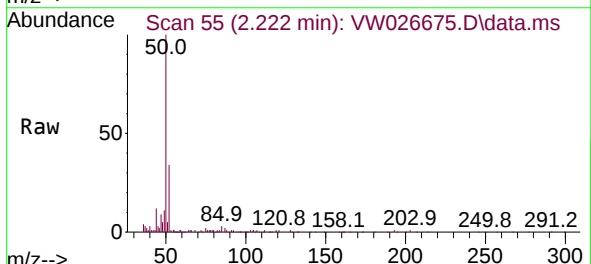
Instrument :
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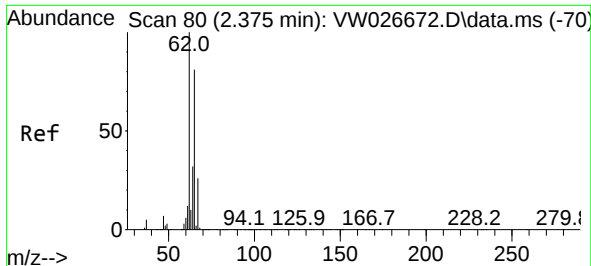
Tgt Ion: 85 Resp: 32033
 Ion Ratio Lower Upper
 85 100
 87 32.6 19.5 29.3#



#3
 Chloromethane
 Concen: 4.860 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026675.D
 Acq: 10 Aug 2023 13:09

Tgt Ion: 50 Resp: 47332
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.0 42.8

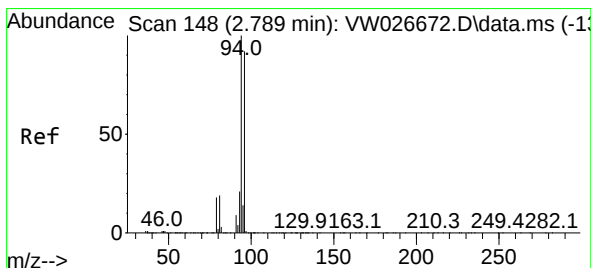
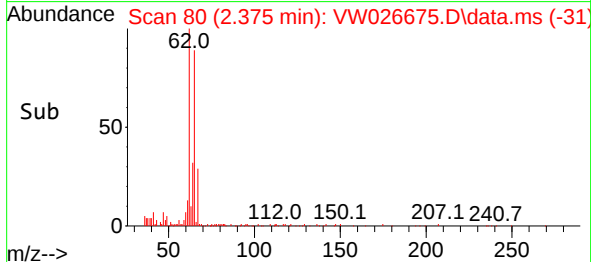
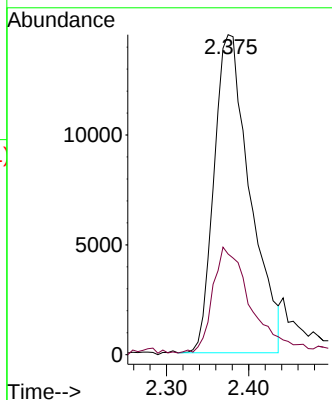
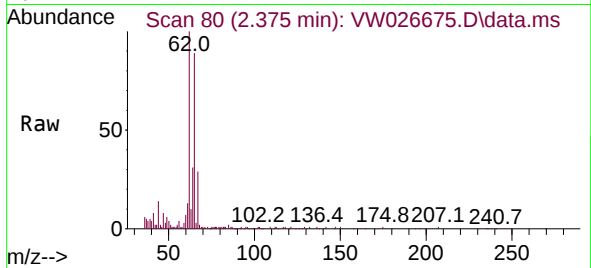




#5
 Vinyl chloride
 Concen: 4.731 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026675.D
 Acq: 10 Aug 2023 13:09

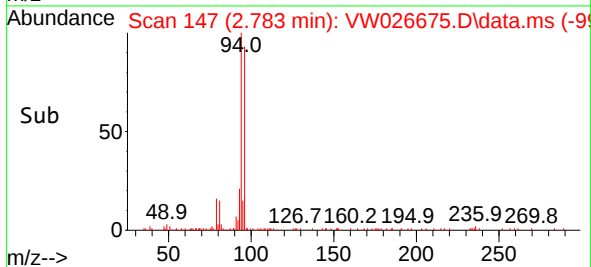
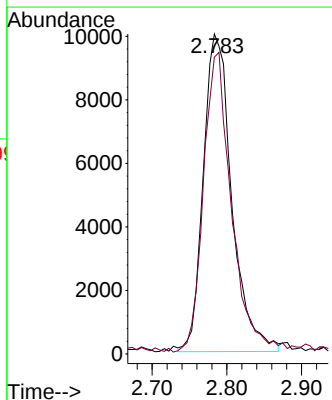
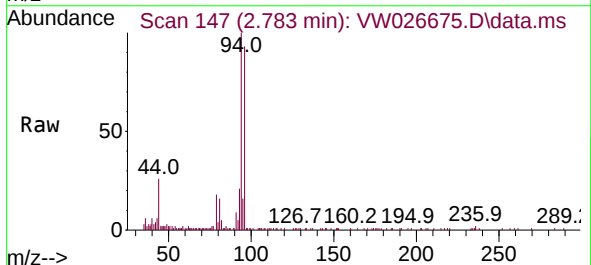
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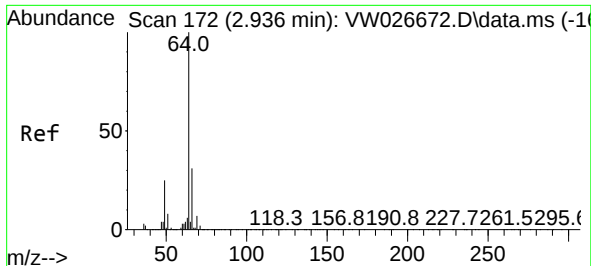
Tgt Ion: 62 Resp: 44043
 Ion Ratio Lower Upper
 62 100
 64 31.5 22.7 42.3



#6
 Bromomethane
 Concen: 4.871 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026675.D
 Acq: 10 Aug 2023 13:09

Tgt Ion: 94 Resp: 26459
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.8 120.3

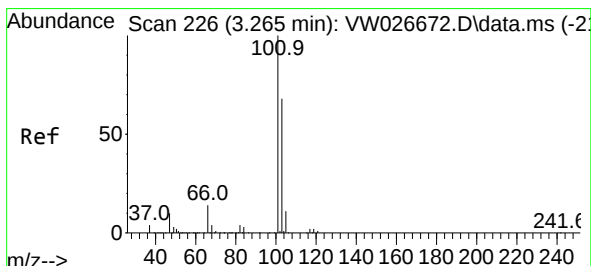
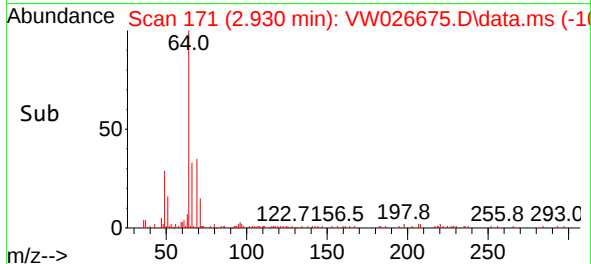
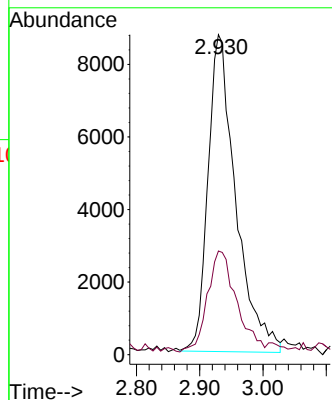
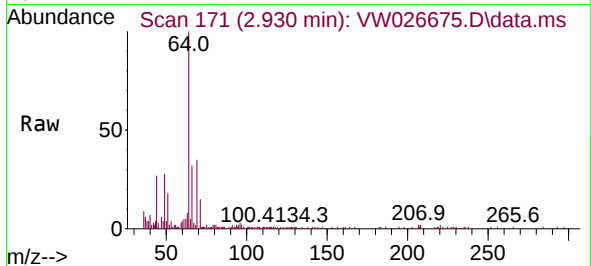




#8
Chloroethane
Concen: 4.778 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

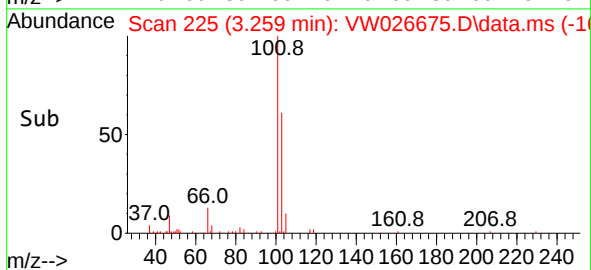
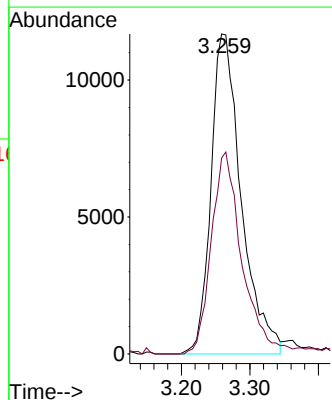
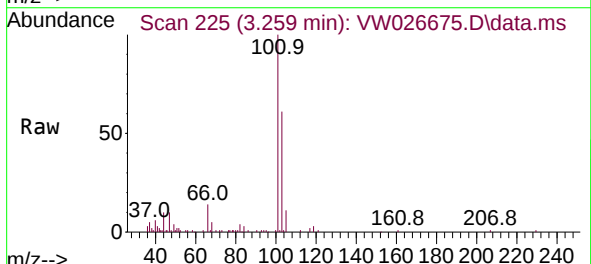
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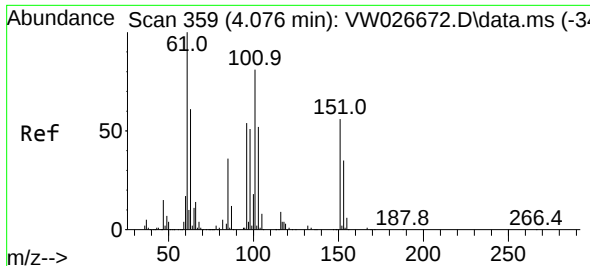
Tgt Ion: 64 Resp: 26651
Ion Ratio Lower Upper
64 100
66 32.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 4.691 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

Tgt Ion: 101 Resp: 35839
Ion Ratio Lower Upper
101 100
103 63.7 51.9 77.9

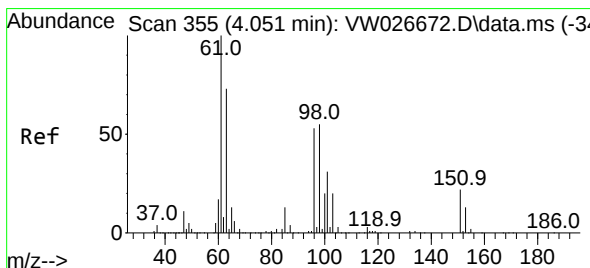
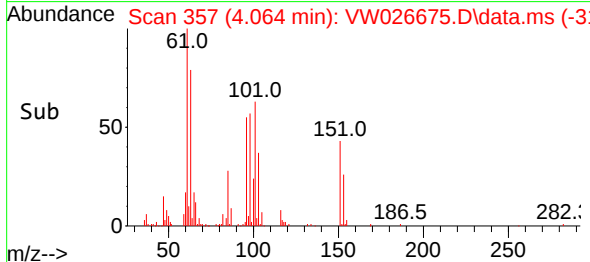
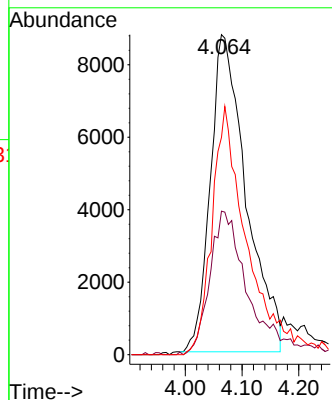
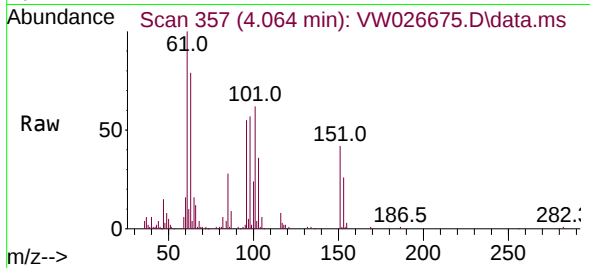




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.715 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. -0.012 min
 Lab File: VW026675.D
 Acq: 10 Aug 2023 13:09

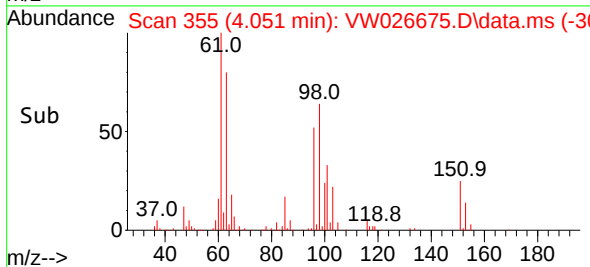
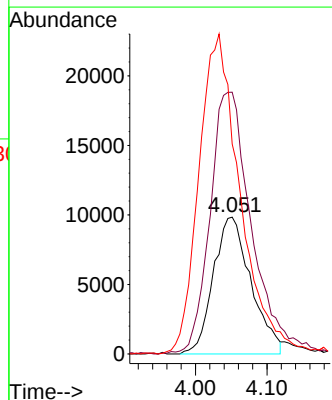
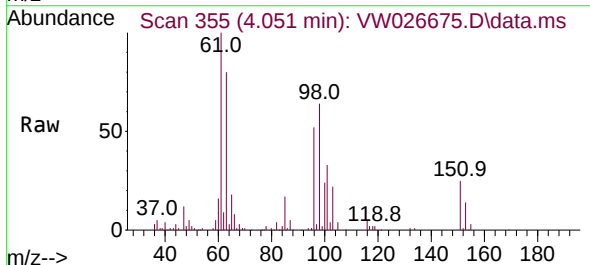
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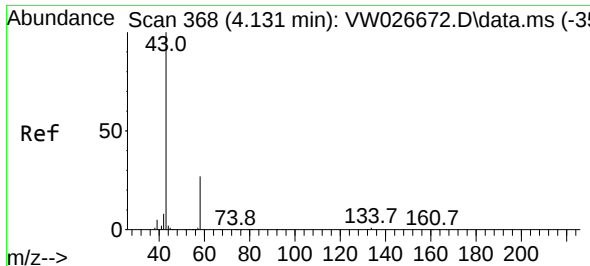
Tgt Ion:101 Resp: 38526
 Ion Ratio Lower Upper
 101 100
 85 43.8 32.8 49.2
 151 72.8 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 4.667 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW026675.D
 Acq: 10 Aug 2023 13:09

Tgt Ion: 96 Resp: 36131
 Ion Ratio Lower Upper
 96 100
 61 191.3 133.2 247.4
 63 153.4 109.0 202.4

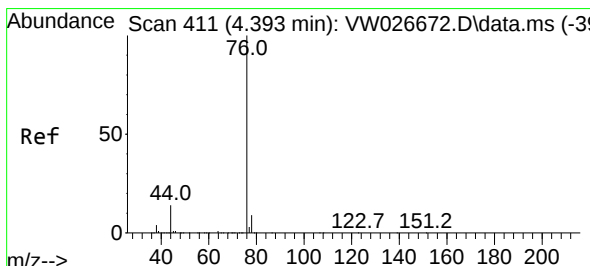
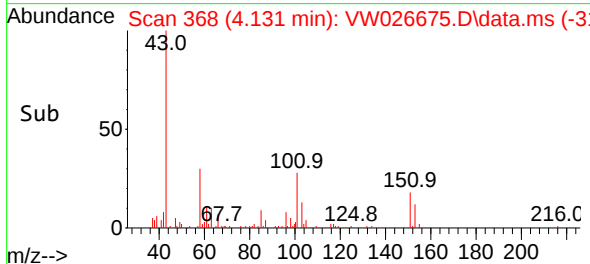
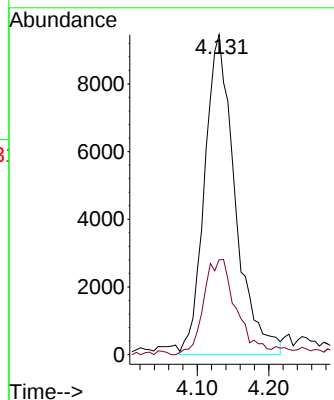
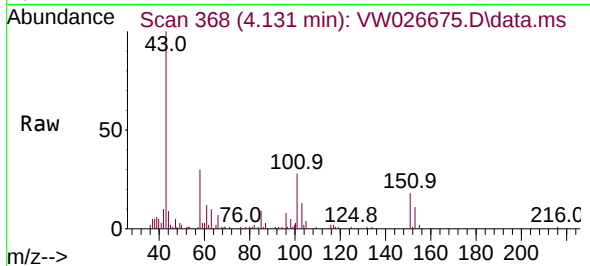




#13
Acetone
Concen: 11.529 ug/L
RT: 4.131 min Scan# 368
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

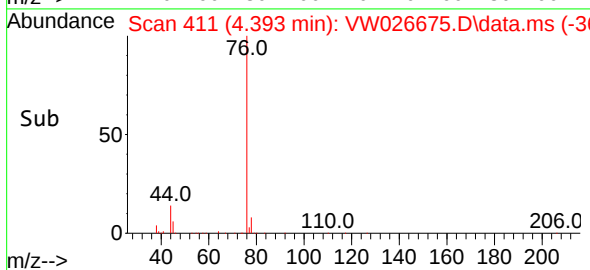
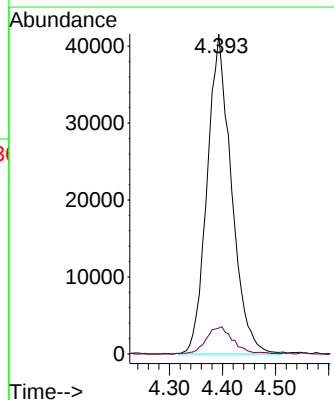
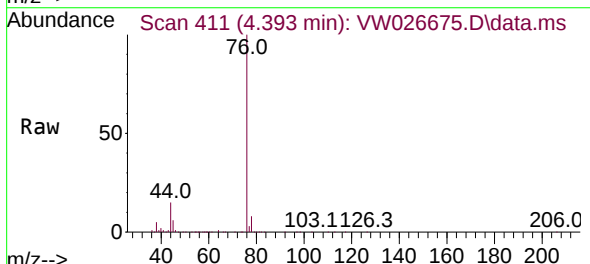
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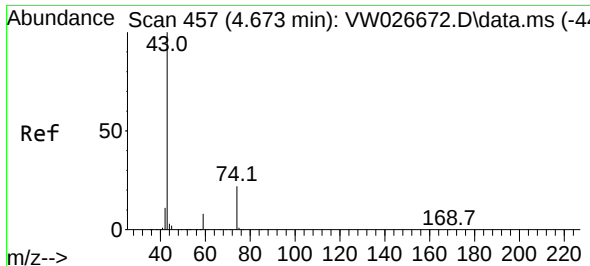
Tgt Ion: 43 Resp: 28103
Ion Ratio Lower Upper
43 100
58 29.7 0.0 57.4



#14
Carbon disulfide
Concen: 4.750 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

Tgt Ion: 76 Resp: 132299
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7

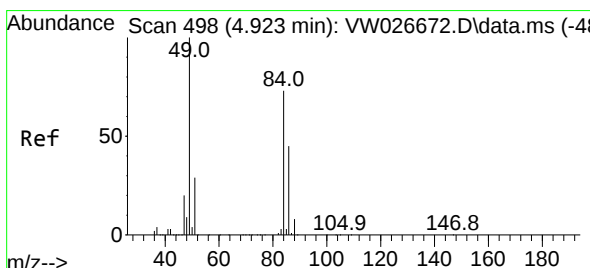
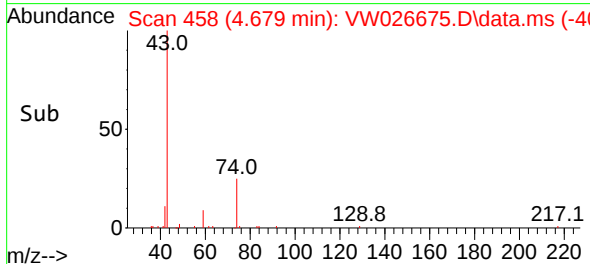
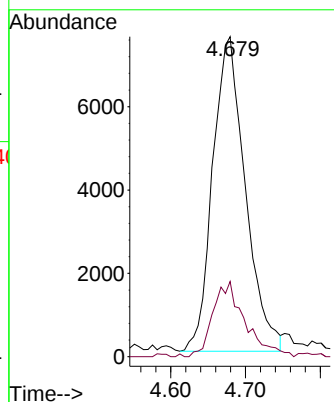
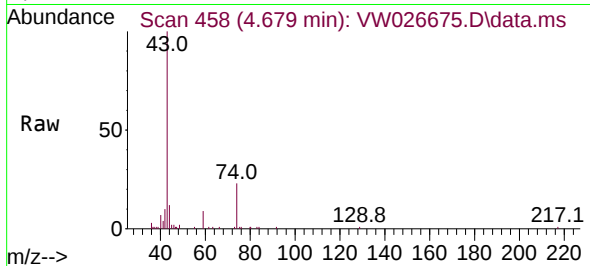




#15
Methyl Acetate
Concen: 4.654 ug/L
RT: 4.679 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

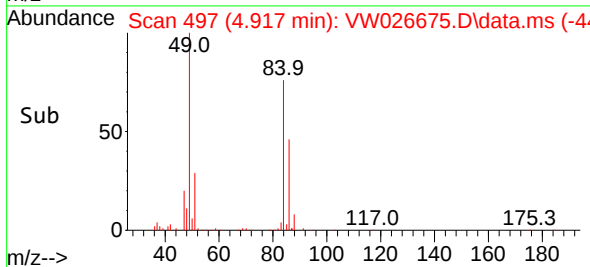
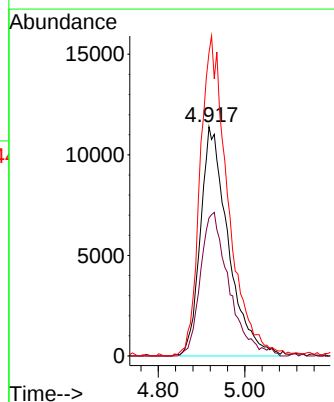
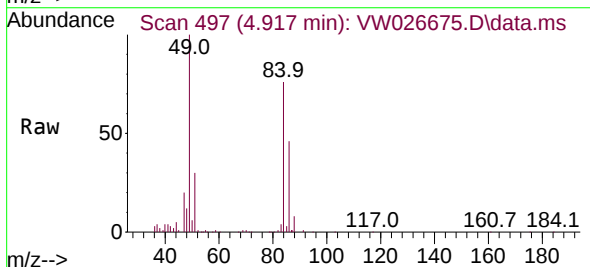
Instrument :
MSVOA_W
ClientSampleId :
VSTD005425

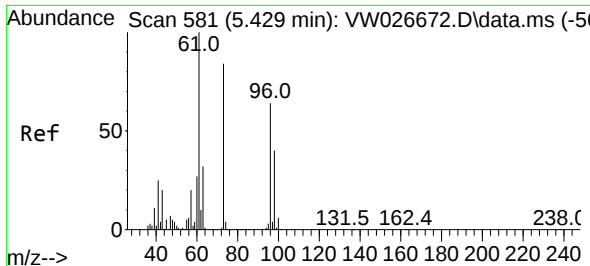
Tgt Ion: 43 Resp: 22939
Ion Ratio Lower Upper
43 100
74 23.4 16.4 24.6



#16
Methylene chloride
Concen: 5.011 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

Tgt Ion: 84 Resp: 50778
Ion Ratio Lower Upper
84 100
86 60.3 43.5 80.9
49 132.4 96.0 178.2

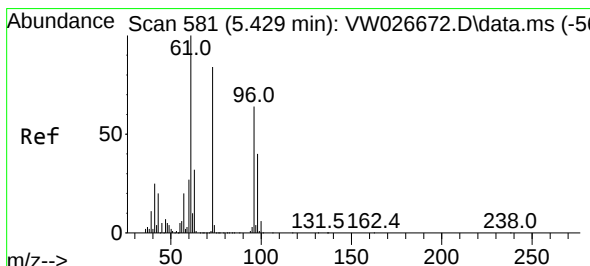
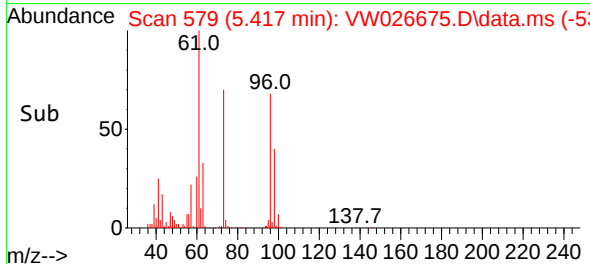
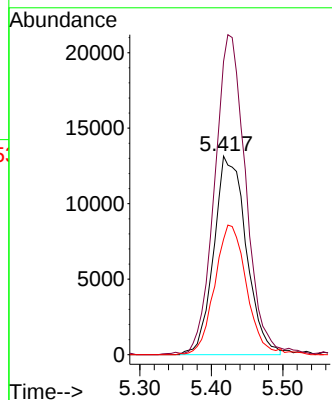
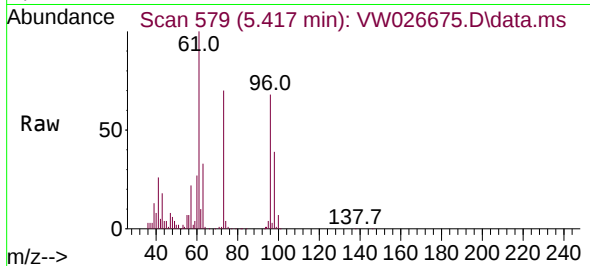




#17
trans-1,2-Dichloroethene
Concen: 4.769 ug/L
RT: 5.417 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

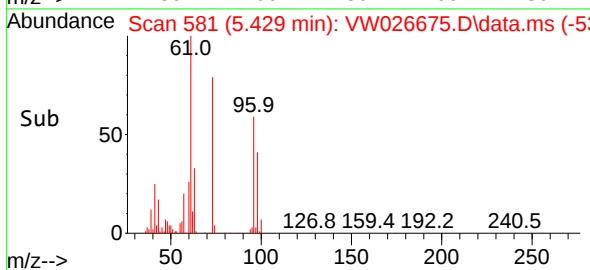
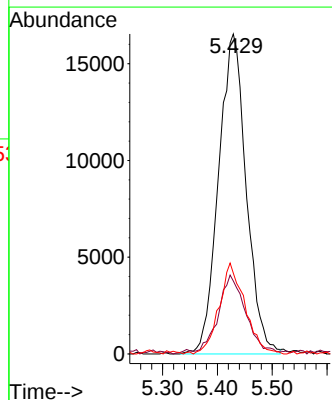
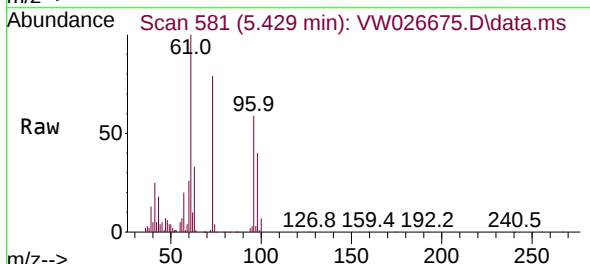
Instrument :
MSVOA_W
ClientSampleId :
VSTD005425

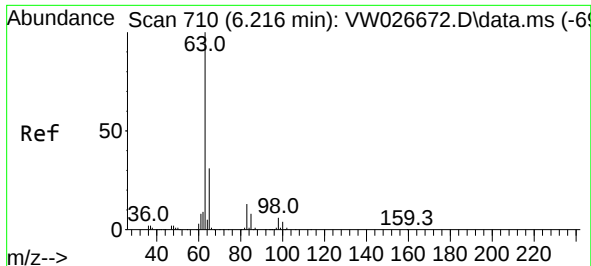
Tgt Ion: 96 Resp: 41200
Ion Ratio Lower Upper
96 100
61 147.7 109.4 203.2
98 58.1 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 4.442 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

Tgt Ion: 73 Resp: 58063
Ion Ratio Lower Upper
73 100
43 23.1 18.0 27.0
57 26.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 4.839 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD005425

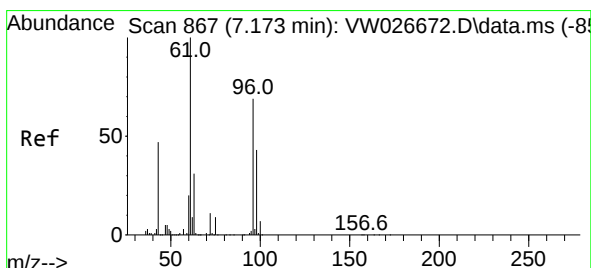
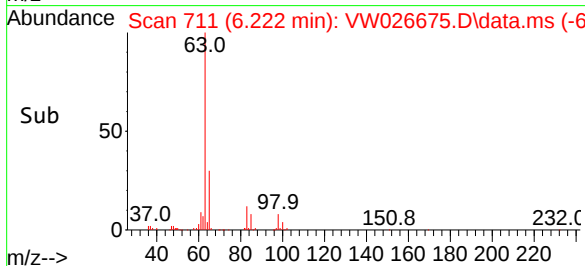
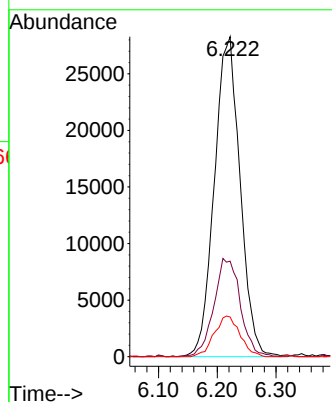
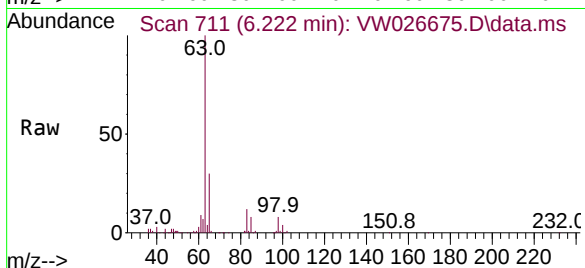
Tgt Ion: 63 Resp: 86035

Ion Ratio Lower Upper

63 100

65 29.8 21.8 40.6

83 12.4 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 4.758 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

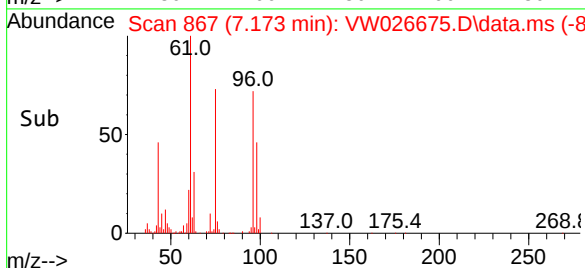
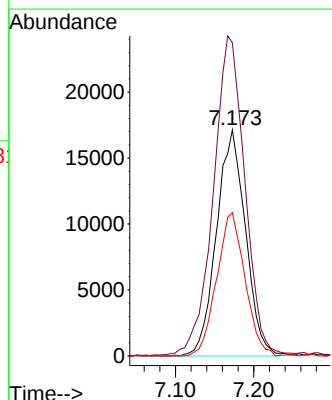
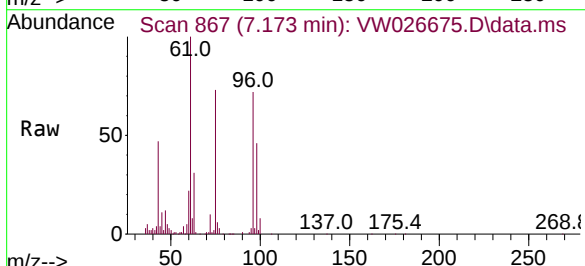
Tgt Ion: 96 Resp: 44183

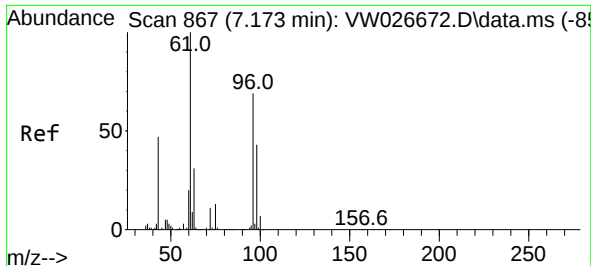
Ion Ratio Lower Upper

96 100

61 138.6 101.2 188.0

98 63.4 43.8 81.3

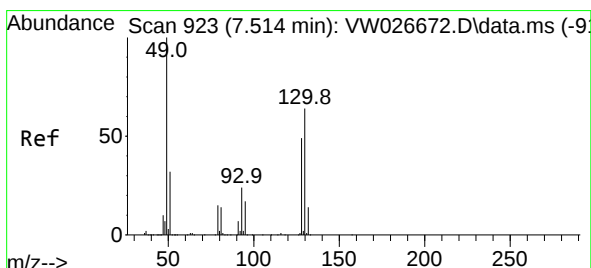
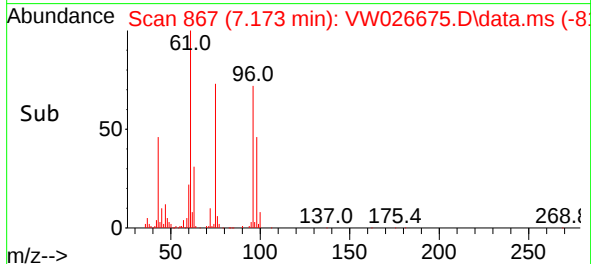
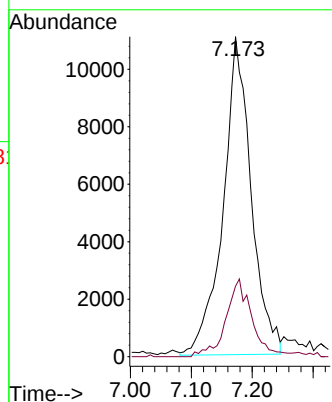
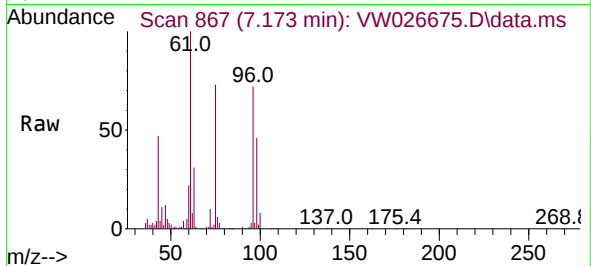




#22
2-Butanone
Concen: 9.760 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

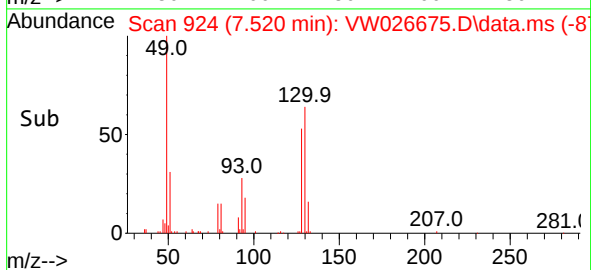
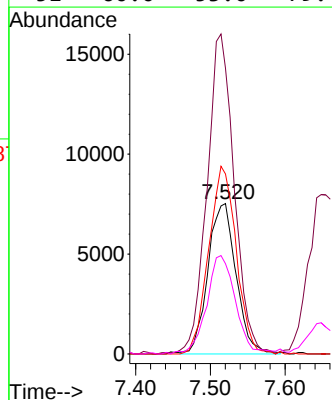
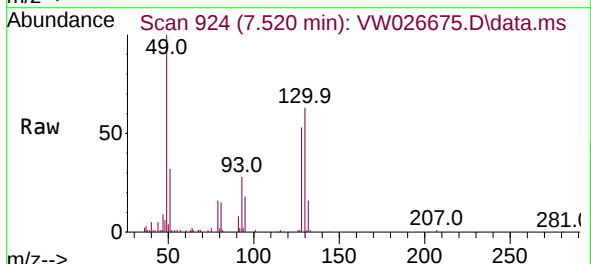
Instrument :
MSVOA_W
ClientSampleId :
VSTD005425

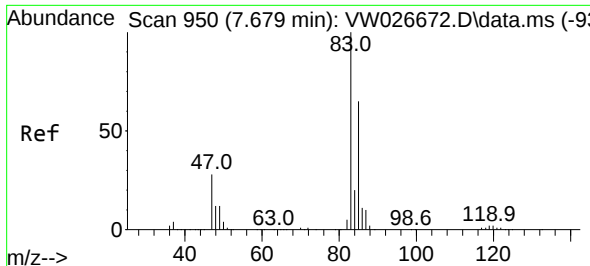
Tgt Ion: 43 Resp: 35393
Ion Ratio Lower Upper
43 100
72 21.1 11.8 35.4



#23
Bromochloromethane
Concen: 4.907 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

Tgt Ion: 128 Resp: 19684
Ion Ratio Lower Upper
128 100
49 190.2 143.1 265.7
130 119.8 91.8 170.4
51 60.0 53.0 79.4

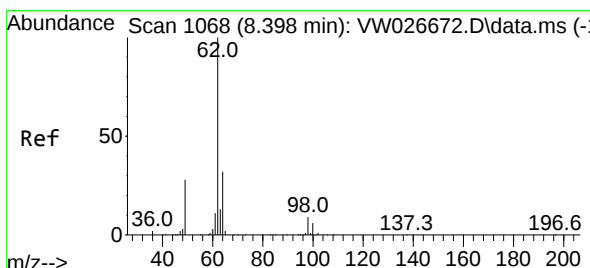
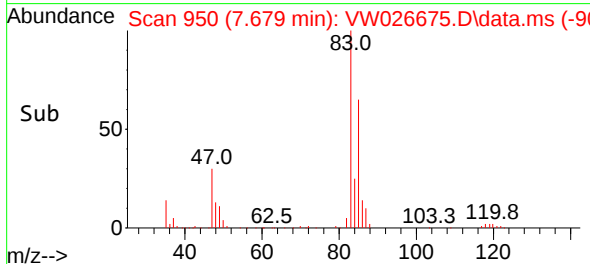
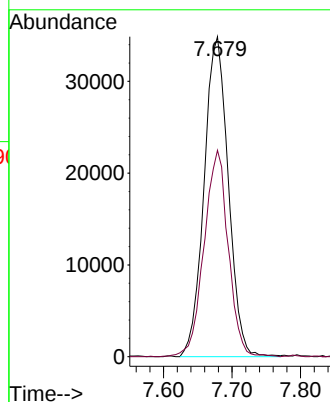
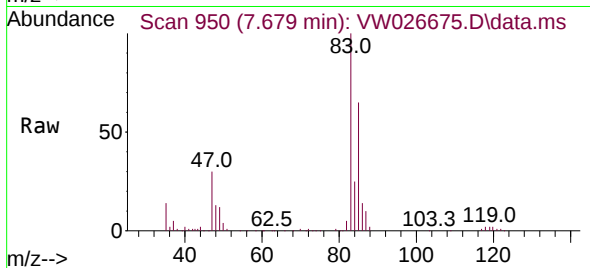




#25
Chloroform
Concen: 4.989 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

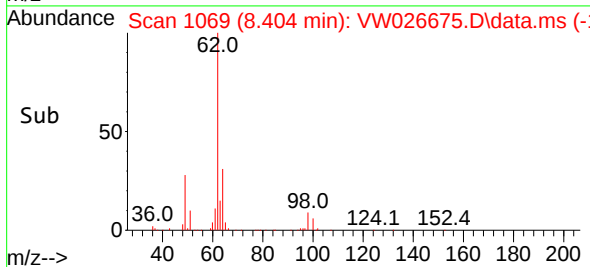
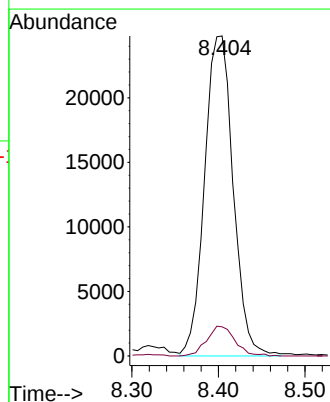
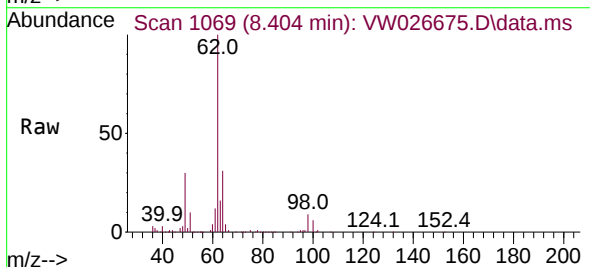
Instrument :
MSVOA_W
ClientSampleId :
VSTD005425

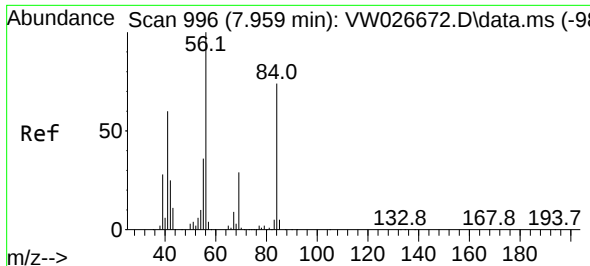
Tgt Ion: 83 Resp: 85704
Ion Ratio Lower Upper
83 100
85 64.5 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.751 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

Tgt Ion: 62 Resp: 56934
Ion Ratio Lower Upper
62 100
98 9.1 7.1 10.7

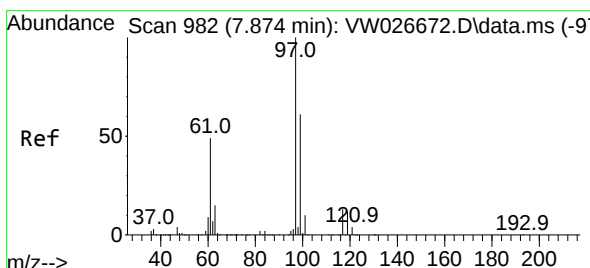
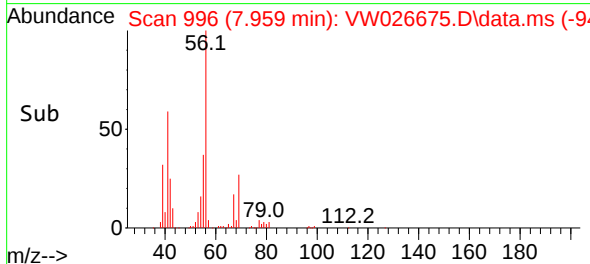
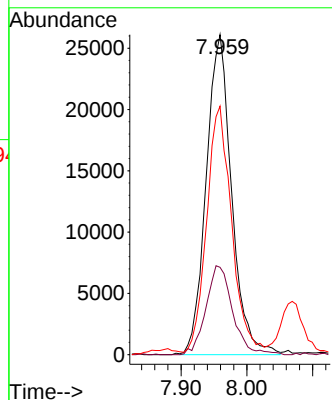
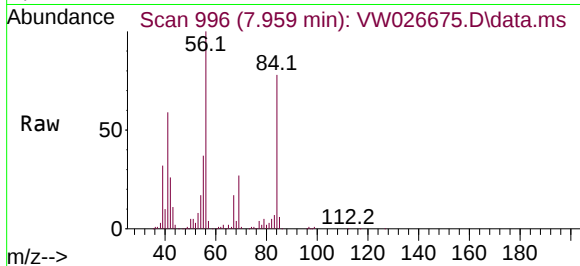




#29
Cyclohexane
Concen: 4.419 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

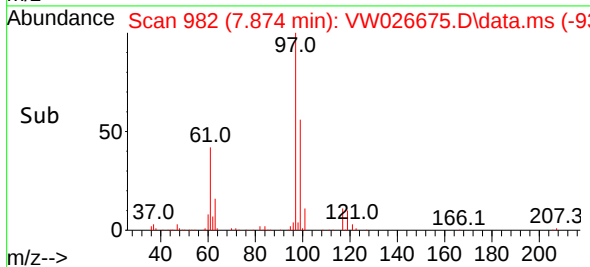
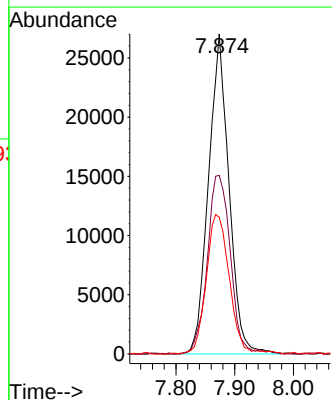
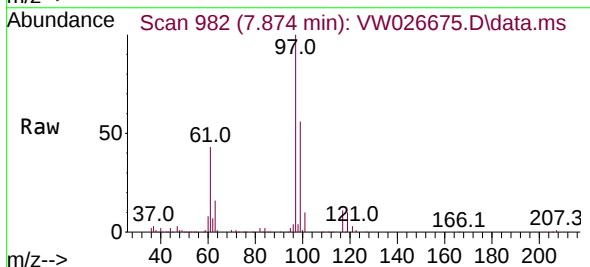
Instrument :
MSVOA_W
ClientSampleId :
VSTD005425

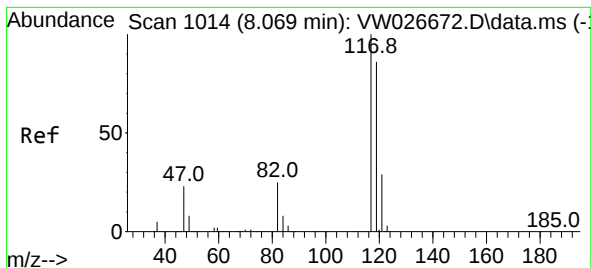
Tgt Ion: 56	Resp: 70222
Ion Ratio	Lower Upper
56 100	
69 28.4	23.2 34.8
84 76.3	62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 4.882 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

Tgt Ion: 97	Resp: 65472		
Ion Ratio	Lower	Upper	
97 100			
99 62.4	51.2	76.8	
61 48.4	39.2	58.8	





#31

Carbon tetrachloride

Concen: 4.740 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

Instrument :

MSVOA_W

ClientSampleId :

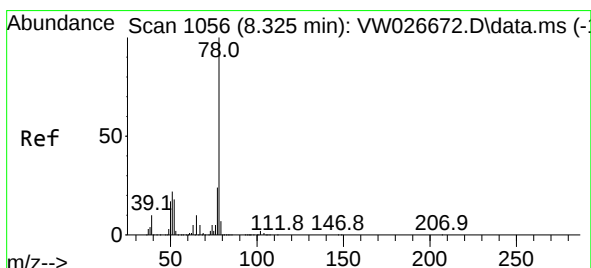
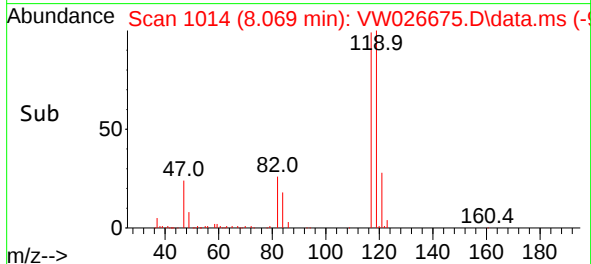
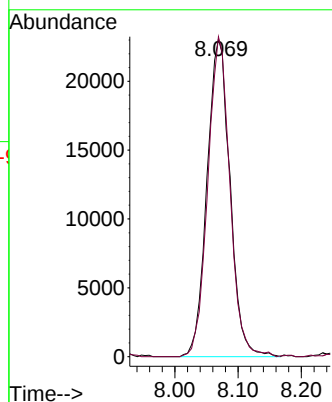
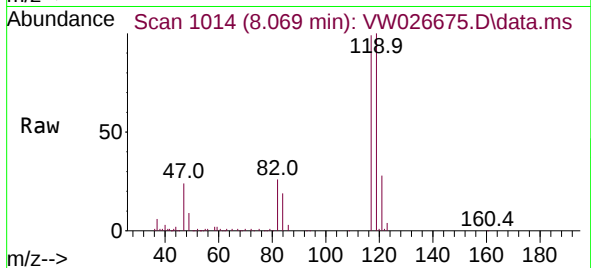
VSTD005425

Tgt Ion:117 Resp: 58124

Ion Ratio Lower Upper

117 100

119 96.5 73.0 109.4



#33

Benzene

Concen: 4.763 ug/L

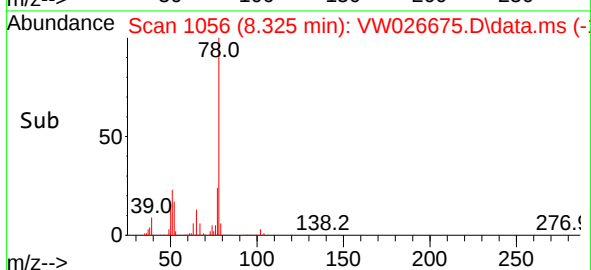
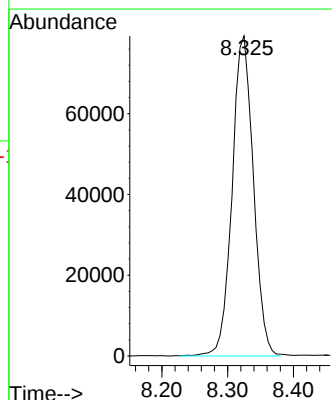
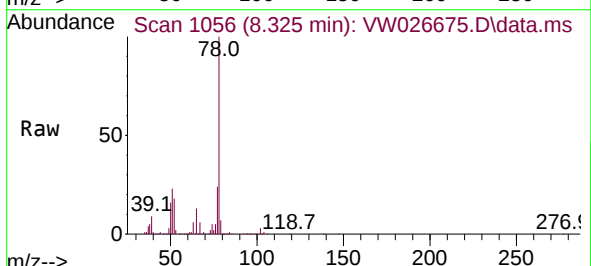
RT: 8.325 min Scan# 1056

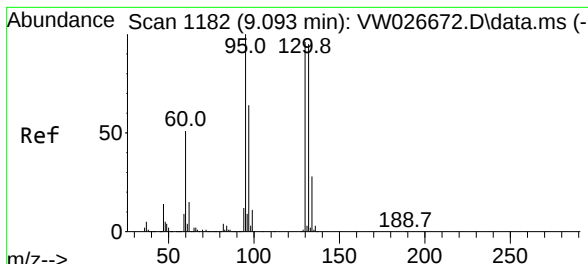
Delta R.T. -0.000 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

Tgt Ion: 78 Resp: 178221



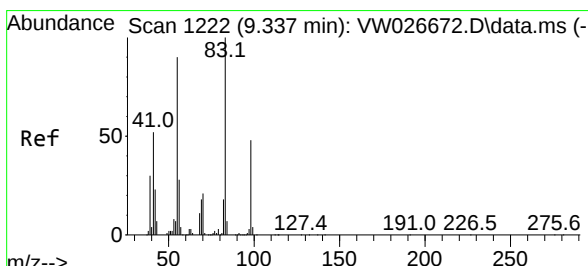
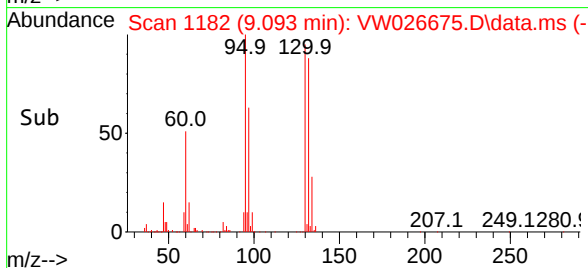
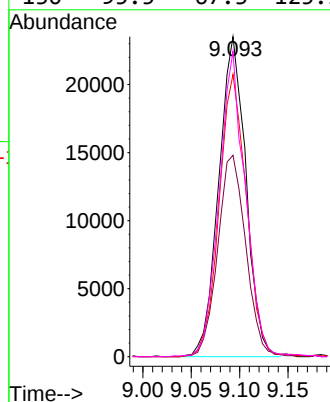
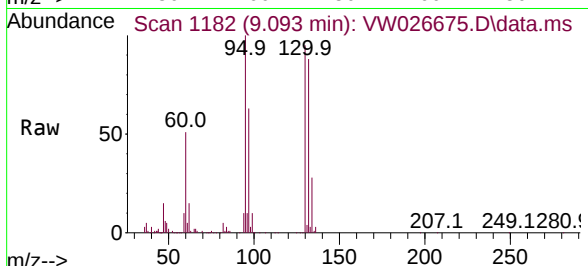


#34
 Trichloroethene
 Concen: 4.800 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. -0.000 min
 Lab File: VW026675.D
 Acq: 10 Aug 2023 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005425

Tgt Ion: 95 Resp: 45748

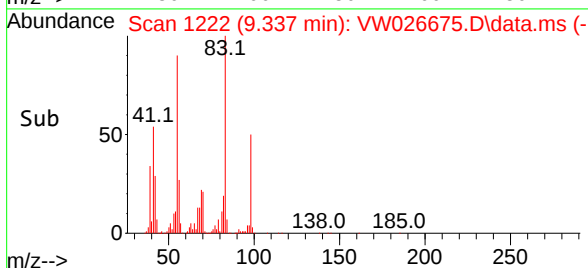
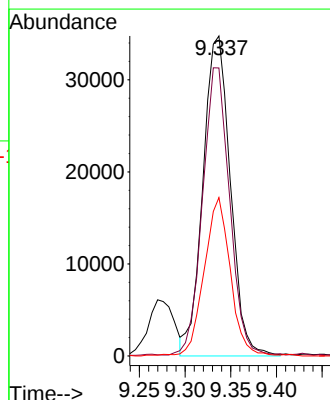
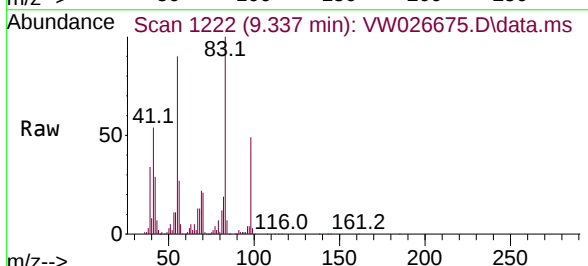
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.6	82.8
132	88.2	66.4	123.2
130	95.5	67.3	125.1

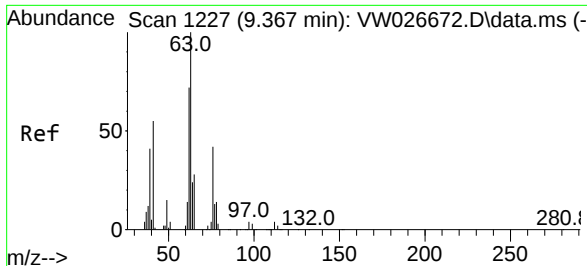


#35
 Methylcyclohexane
 Concen: 4.454 ug/L
 RT: 9.337 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VW026675.D
 Acq: 10 Aug 2023 13:09

Tgt Ion: 83 Resp: 72616

Ion	Ratio	Lower	Upper
83	100		
55	88.8	69.3	103.9
98	46.8	37.4	56.0





#37

1,2-Dichloropropane

Concen: 4.757 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

Instrument :

MSVOA_W

ClientSampleId :

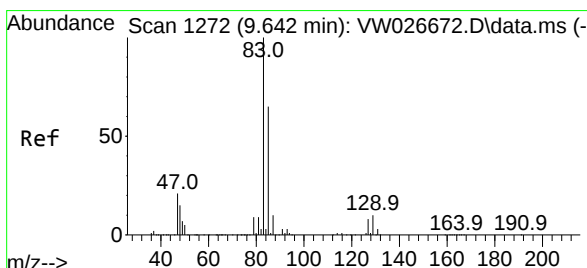
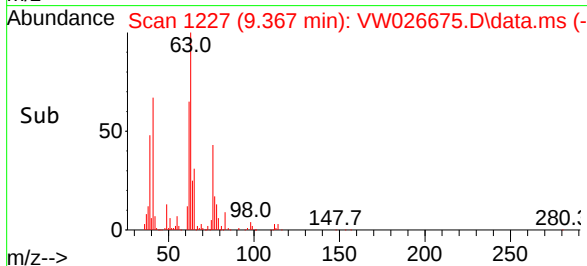
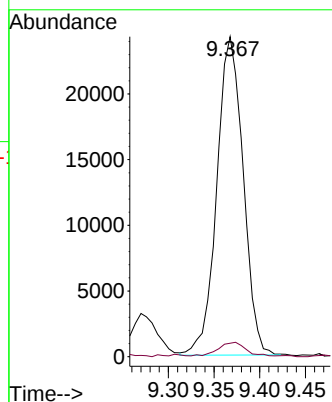
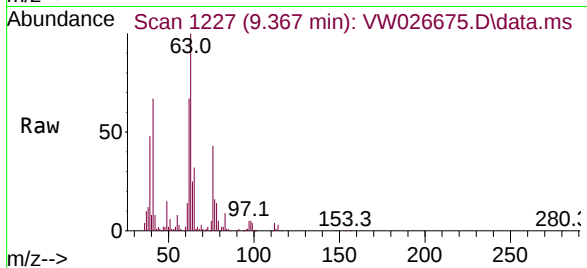
VSTD005425

Tgt Ion: 63 Resp: 48755

Ion Ratio Lower Upper

63 100

112 4.5 3.1 4.7



#38

Bromodichloromethane

Concen: 4.671 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

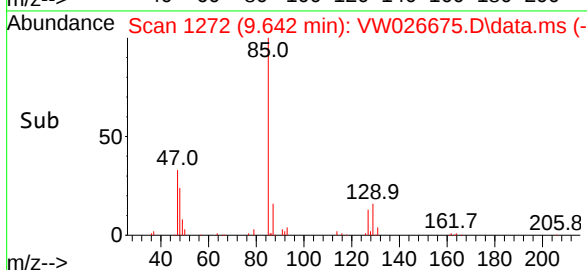
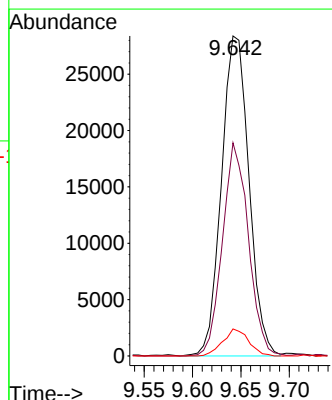
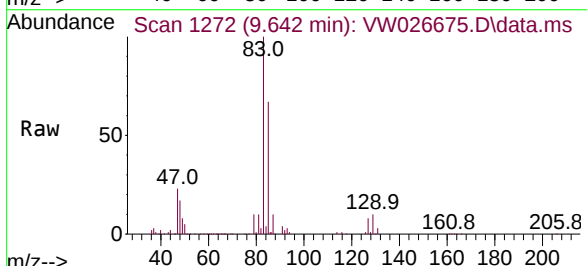
Tgt Ion: 83 Resp: 56157

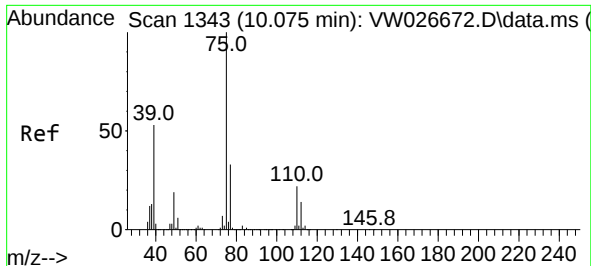
Ion Ratio Lower Upper

83 100

85 66.6 45.4 84.2

127 8.4 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 4.345 ug/L

RT: 10.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

Instrument :

MSVOA_W

ClientSampleId :

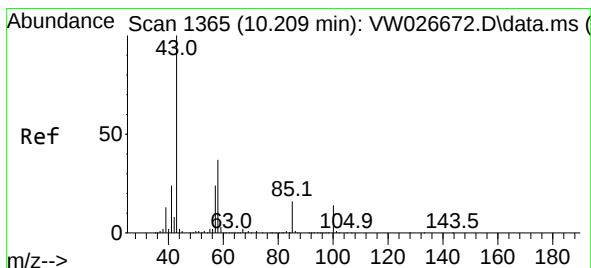
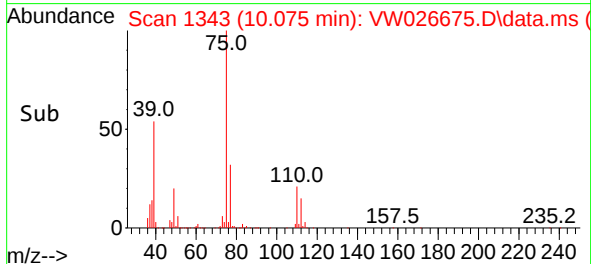
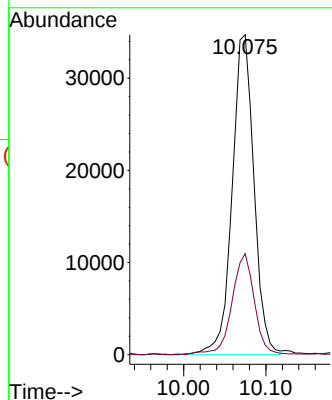
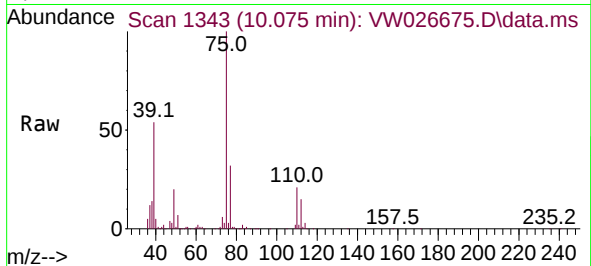
VSTD005425

Tgt Ion: 75 Resp: 64063

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 8.643 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

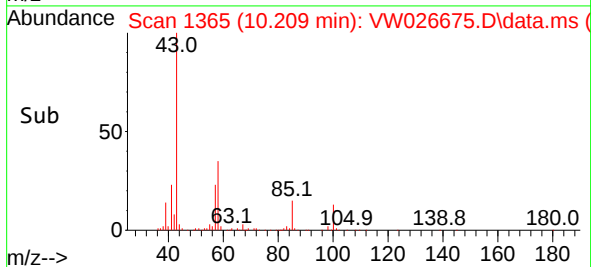
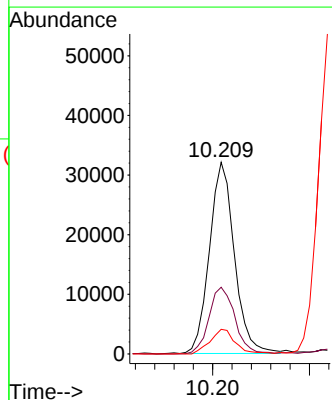
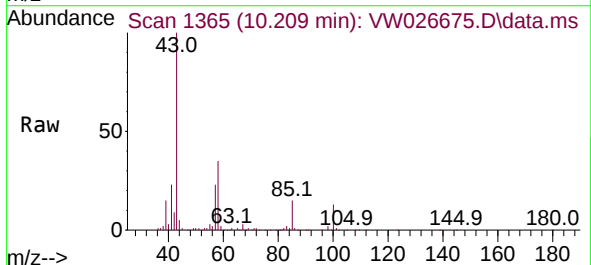
Tgt Ion: 43 Resp: 57618

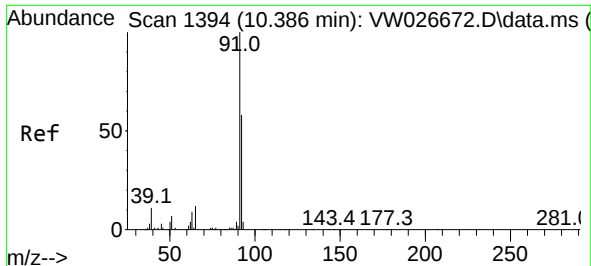
Ion Ratio Lower Upper

43 100

58 36.1 29.2 43.8

100 12.9 10.7 16.1

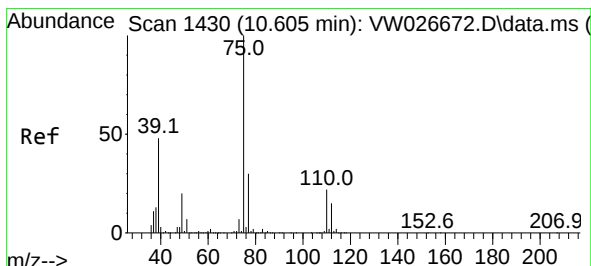
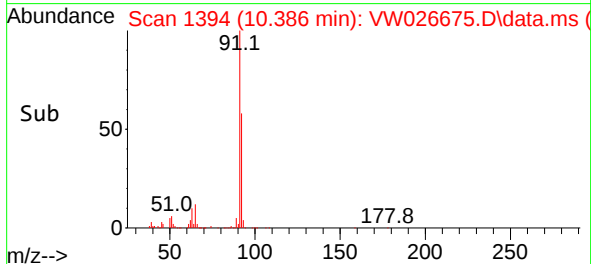
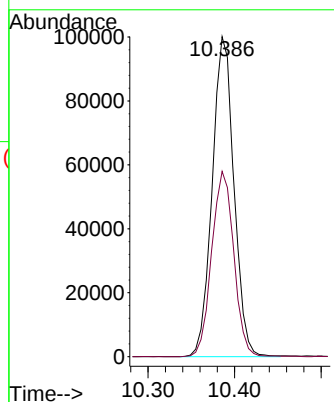
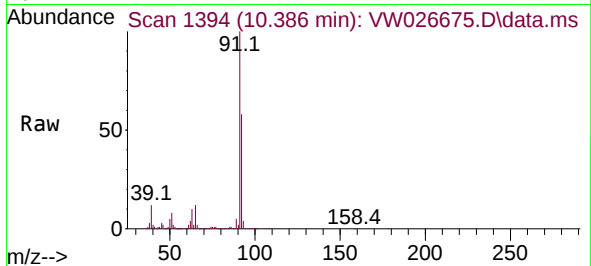




#42
Toluene
Concen: 4.608 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

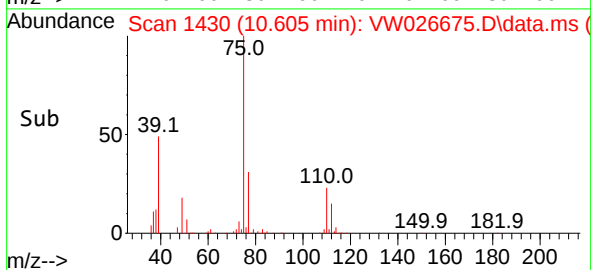
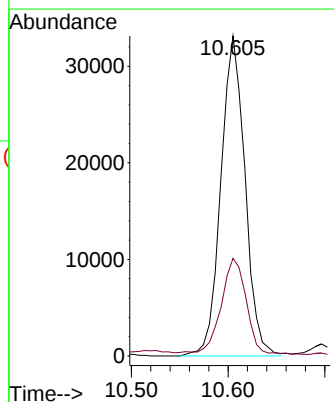
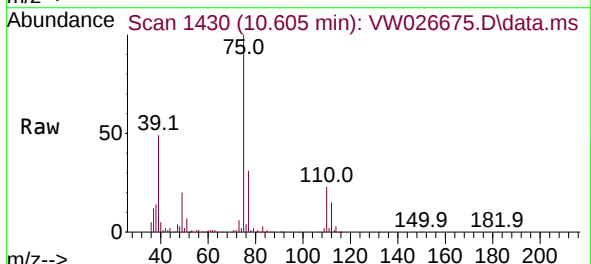
Instrument :
MSVOA_W
ClientSampleId :
VSTD005425

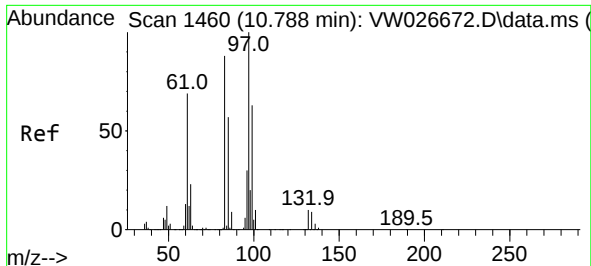
Tgt Ion: 91 Resp: 174430
Ion Ratio Lower Upper
91 100
92 57.9 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 4.524 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

Tgt Ion: 75 Resp: 57416
Ion Ratio Lower Upper
75 100
77 30.5 21.2 39.4

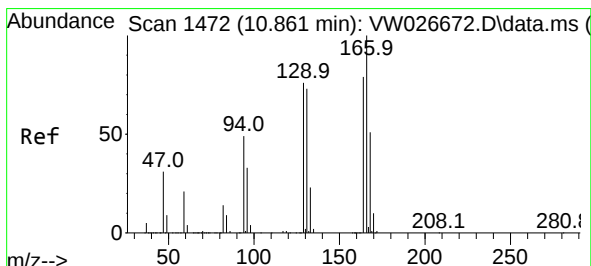
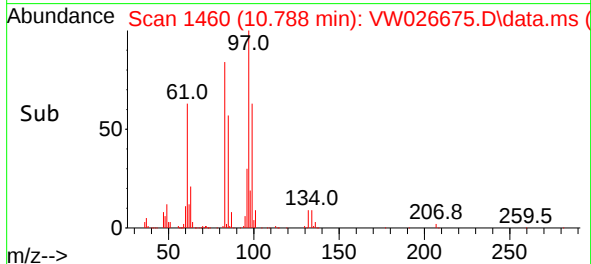
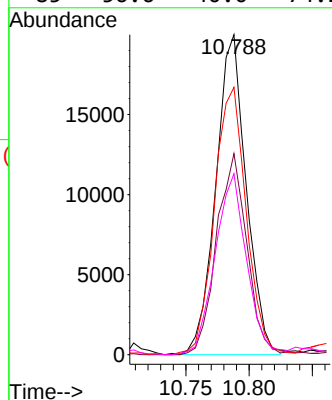
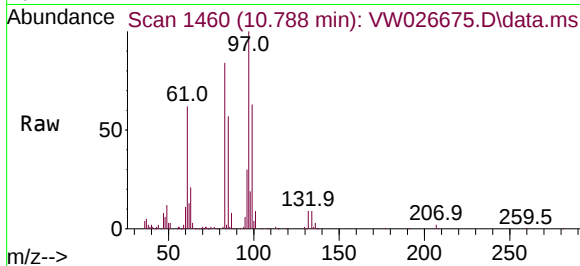




#45
1,1,2-Trichloroethane
Concen: 4.768 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

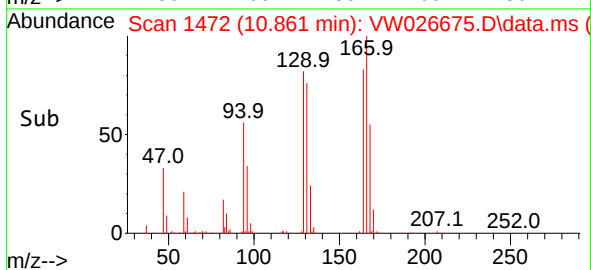
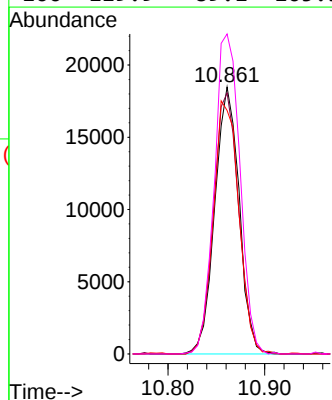
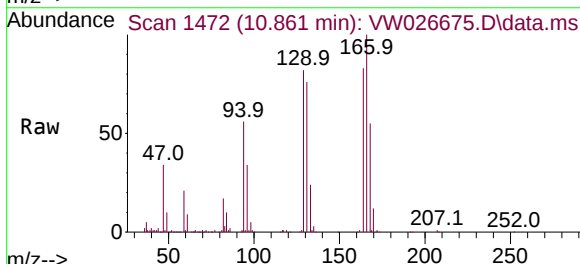
Instrument :
MSVOA_W
ClientSampleId :
VSTD005425

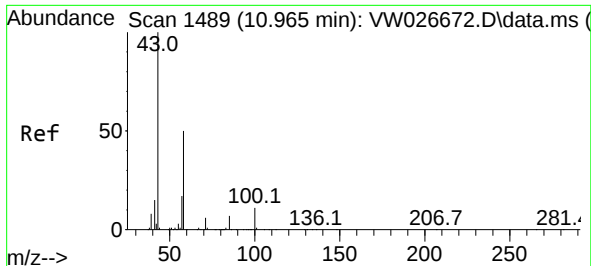
Tgt Ion: 97	Resp: 33419
Ion Ratio	Lower Upper
97 100	
99 62.8	44.2 82.0
83 83.6	61.9 114.9
85 56.6	40.0 74.2



#46
Tetrachloroethene
Concen: 4.655 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

Tgt	Ion:164	Resp:	32232
Ion	Ratio	Lower	Upper
164	100		
129	97.8	68.1	126.5
131	91.3	65.5	121.7
166	119.9	89.1	165.5

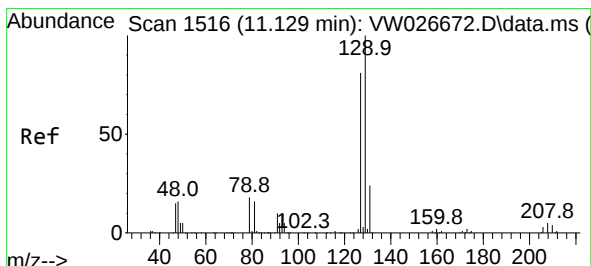
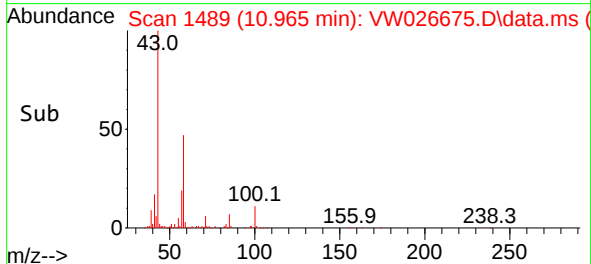
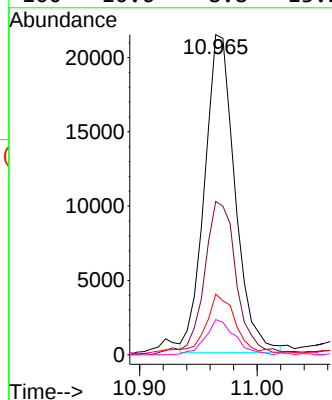
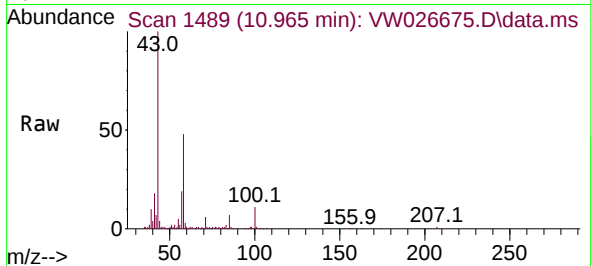




#48
2-Hexanone
Concen: 8.495 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

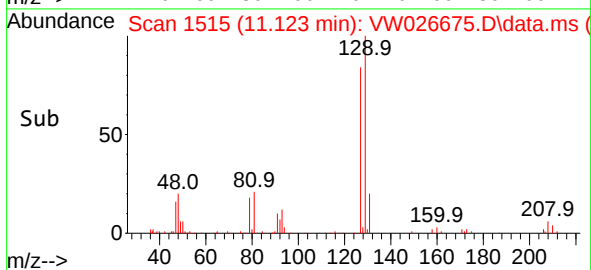
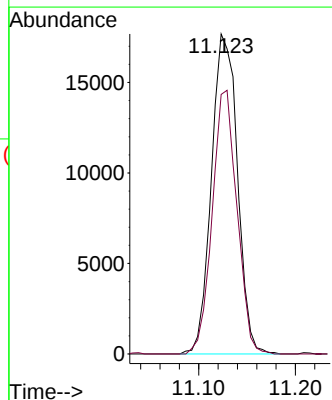
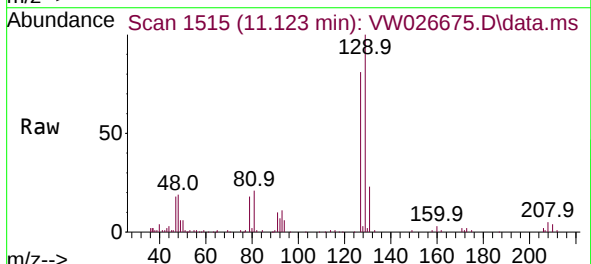
Instrument :
MSVOA_W
ClientSampleId :
VSTD005425

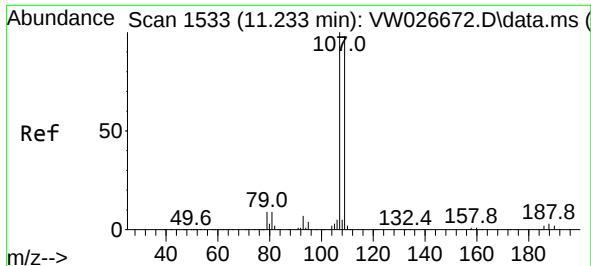
Tgt Ion:	43	Resp:	38537
Ion	Ratio	Lower	Upper
43	100		
58	49.8	41.1	61.7
57	19.2	14.3	21.5
100	10.6	8.8	13.2



#49
Dibromochloromethane
Concen: 4.501 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

Tgt Ion:	129	Resp:	32999
Ion	Ratio	Lower	Upper
129	100		
127	81.1	56.6	105.2

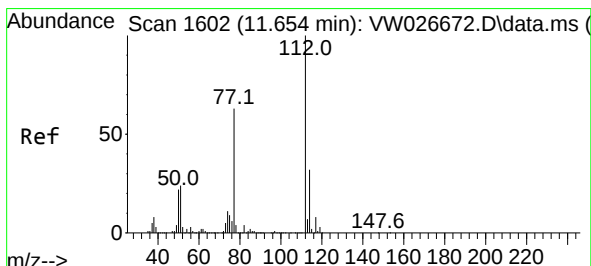
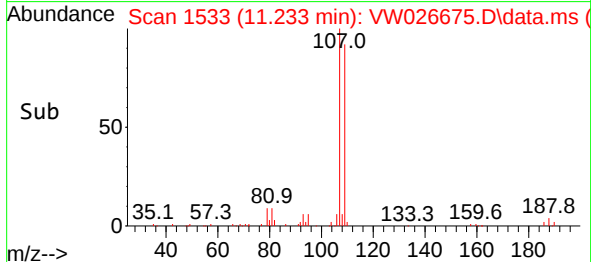
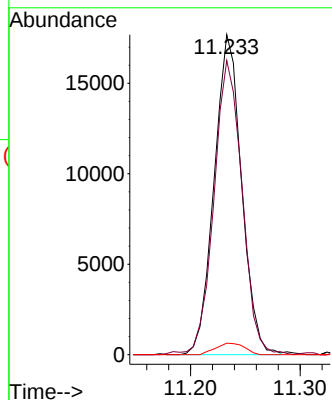
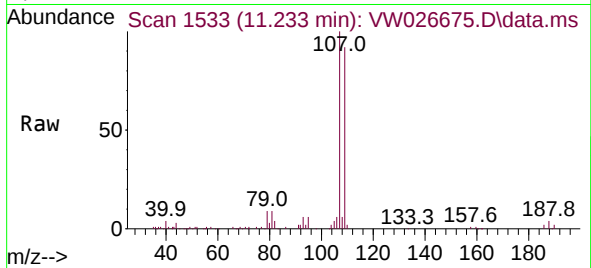




#50
1,2-Dibromoethane
Concen: 4.665 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

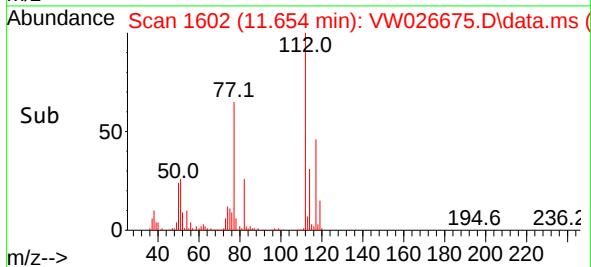
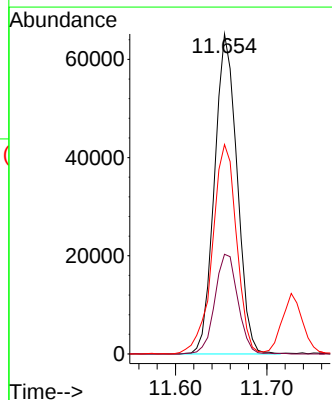
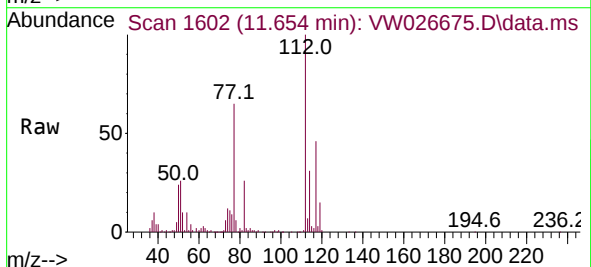
Instrument :
MSVOA_W
ClientSampleId :
VSTD005425

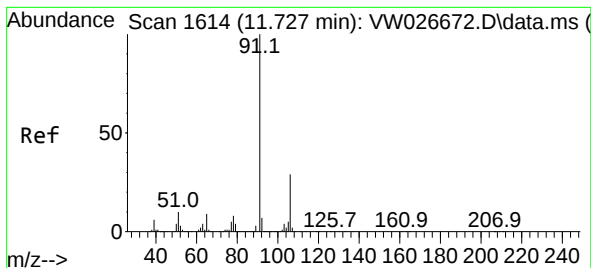
Tgt Ion:107 Resp: 30685
Ion Ratio Lower Upper
107 100
109 92.0 68.8 127.8
188 3.6 2.7 4.1



#51
Chlorobenzene
Concen: 4.681 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

Tgt Ion:112 Resp: 111930
Ion Ratio Lower Upper
112 100
114 31.2 22.4 41.6
77 65.5 50.2 75.2

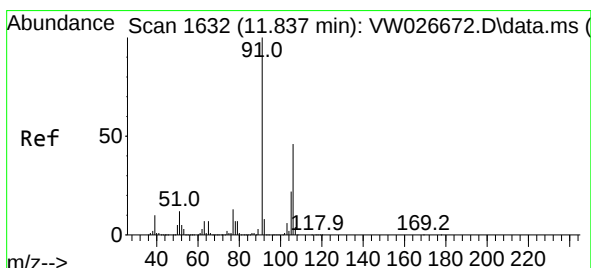
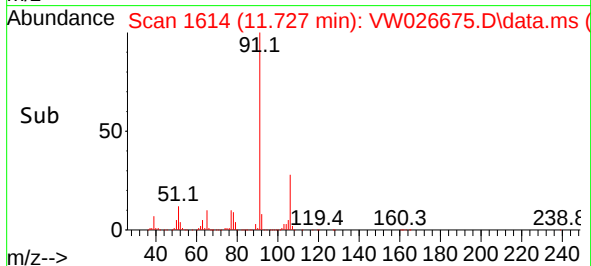
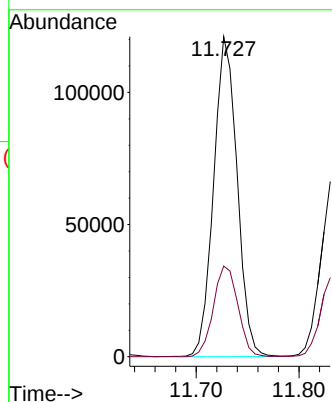
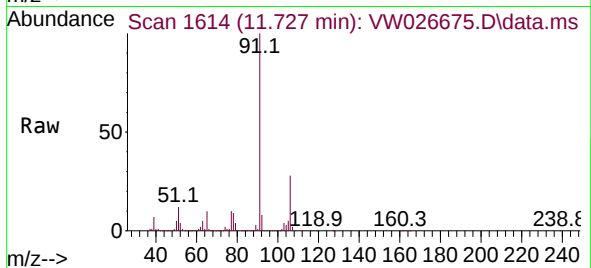




#52
Ethylbenzene
Concen: 4.529 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

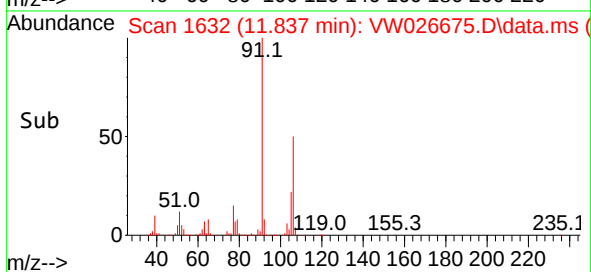
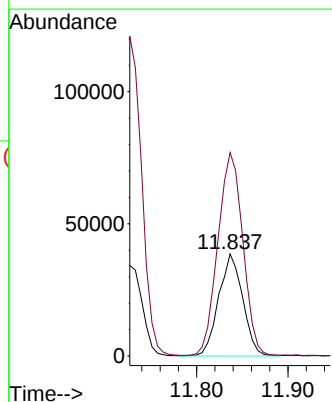
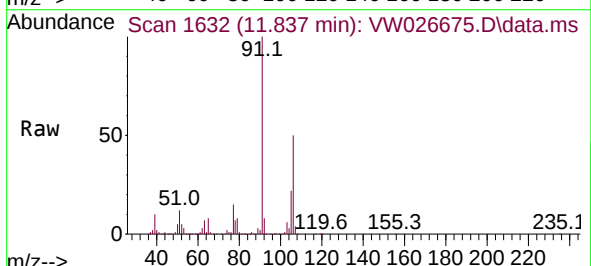
Instrument :
MSVOA_W
ClientSampleId :
VSTD005425

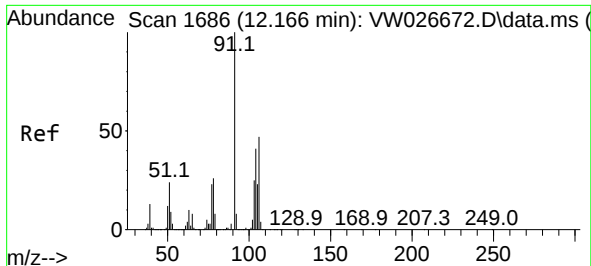
Tgt Ion: 91 Resp: 192227
Ion Ratio Lower Upper
91 100
106 28.3 20.2 37.6



#53
m,p-Xylene
Concen: 4.485 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

Tgt Ion: 106 Resp: 70527
Ion Ratio Lower Upper
106 100
91 199.1 152.9 284.1

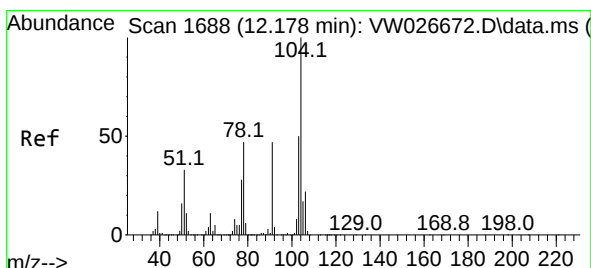
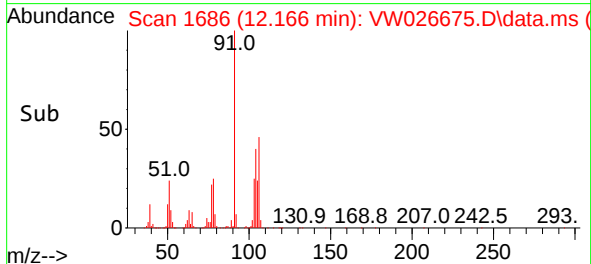
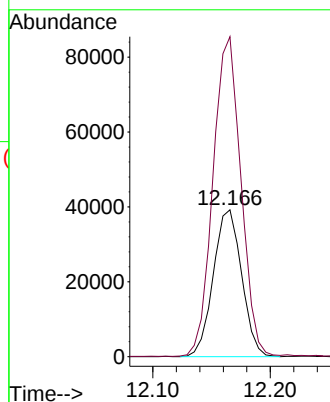
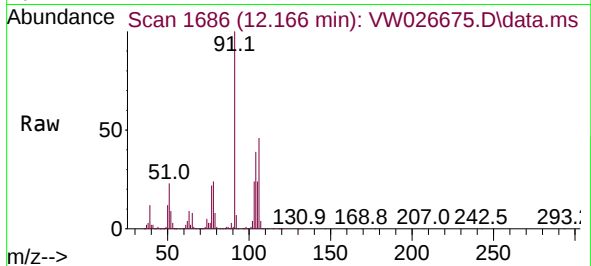




#54
o-Xylene
Concen: 4.476 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

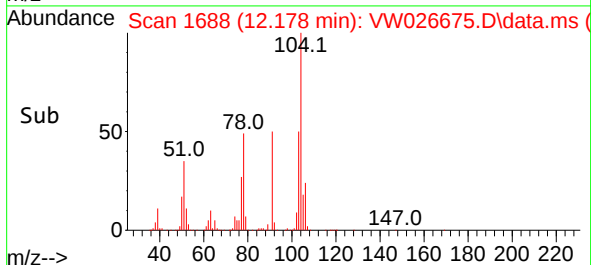
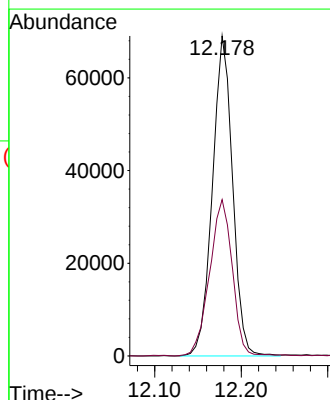
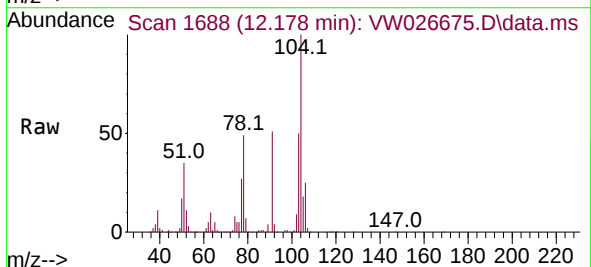
Instrument :
MSVOA_W
ClientSampleId :
VSTD005425

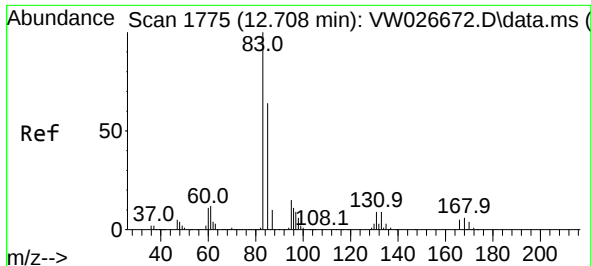
Tgt Ion:106 Resp: 65687
Ion Ratio Lower Upper
106 100
91 217.8 149.9 278.3



#55
Styrene
Concen: 4.377 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

Tgt Ion:104 Resp: 111703
Ion Ratio Lower Upper
104 100
78 48.9 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 4.597 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD005425

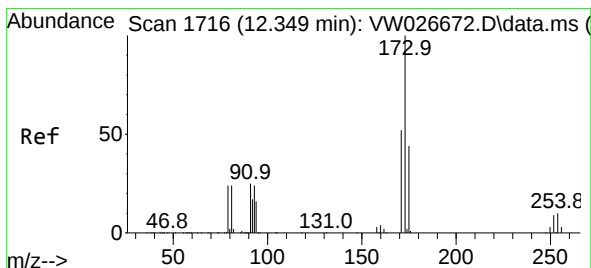
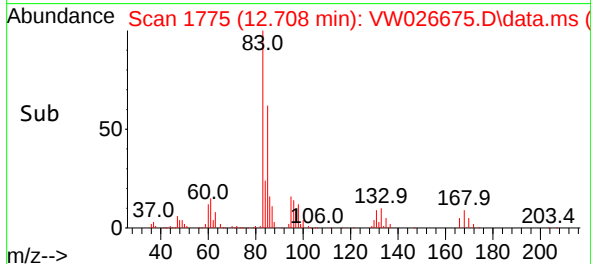
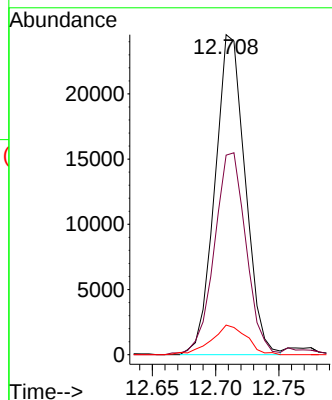
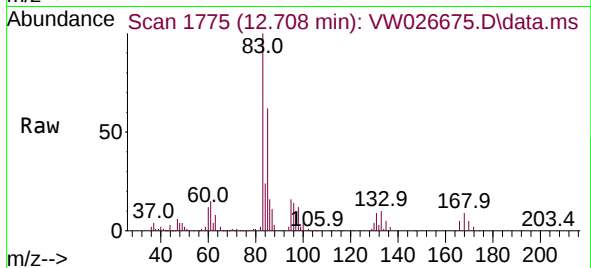
Tgt Ion: 83 Resp: 40809

Ion Ratio Lower Upper

83 100

85 62.3 44.9 83.3

131 9.3 7.4 11.0



#59

Bromoform

Concen: 4.714 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

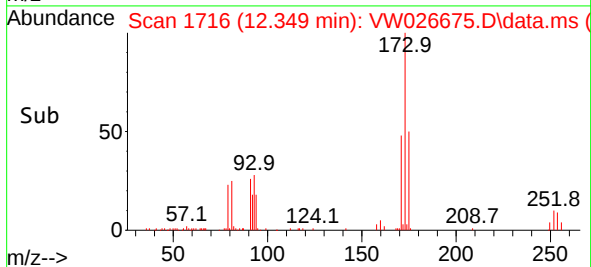
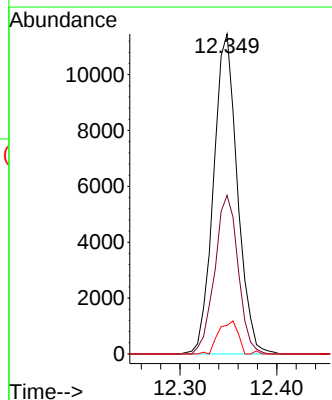
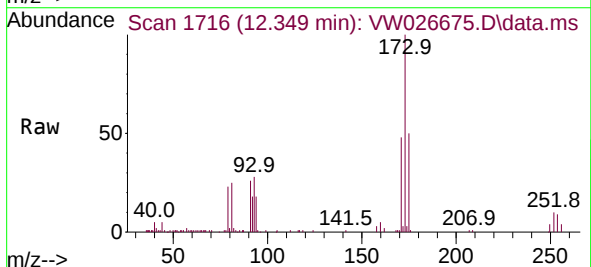
Tgt Ion: 173 Resp: 19623

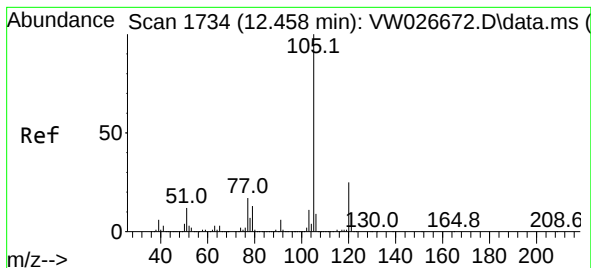
Ion Ratio Lower Upper

173 100

175 48.5 36.6 55.0

254 8.2 7.8 11.6





#60

Isopropylbenzene

Concen: 4.550 ug/L

RT: 12.464 min Scan# 1735

Delta R.T. 0.006 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD005425

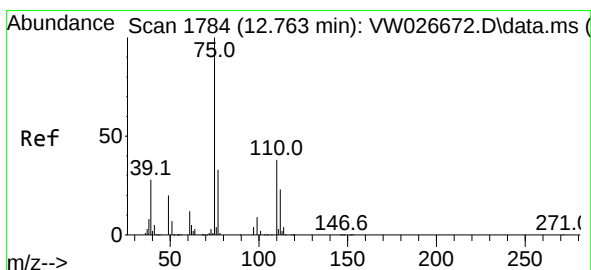
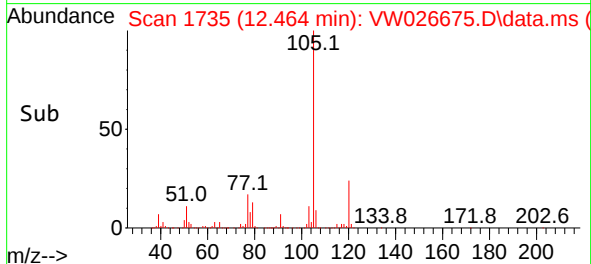
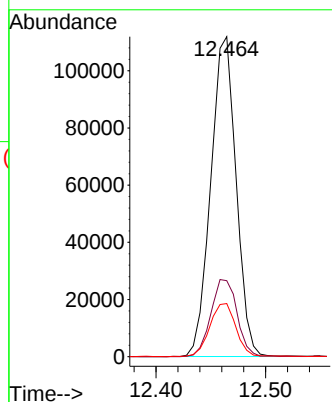
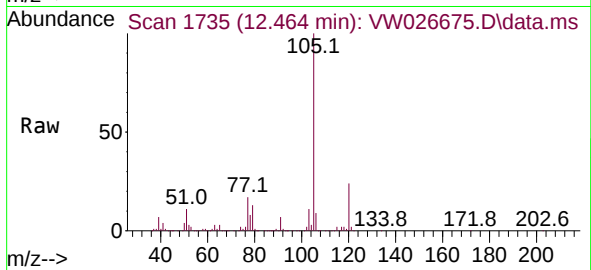
Tgt Ion:105 Resp: 179763

Ion Ratio Lower Upper

105 100

120 24.9 21.0 31.6

77 17.3 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 4.765 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

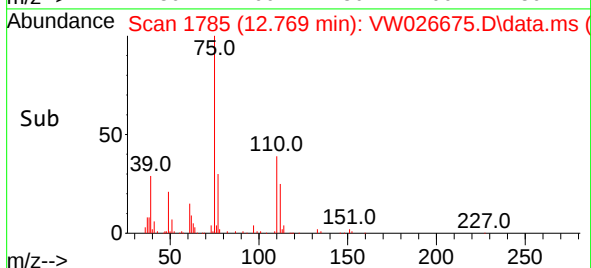
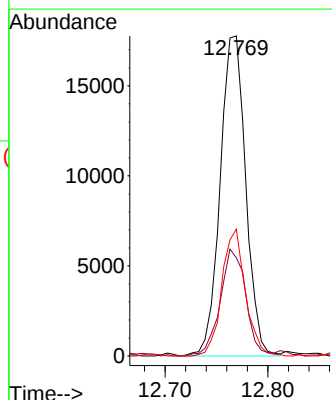
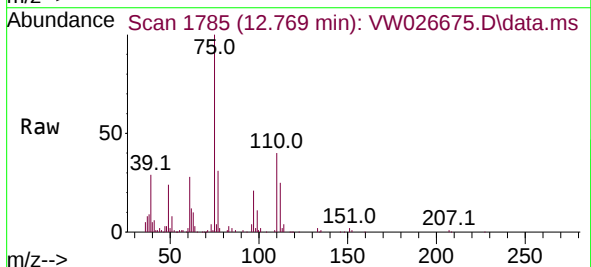
Tgt Ion: 75 Resp: 30718

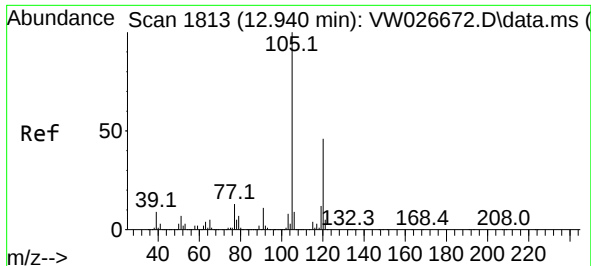
Ion Ratio Lower Upper

75 100

77 33.4 26.1 39.1

110 36.3 29.9 44.9

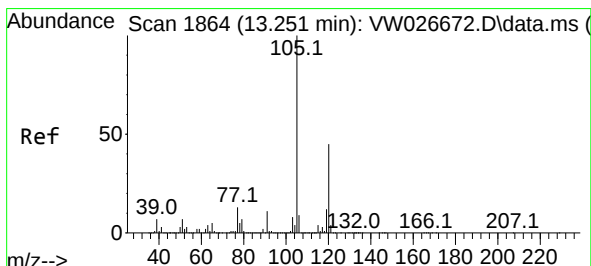
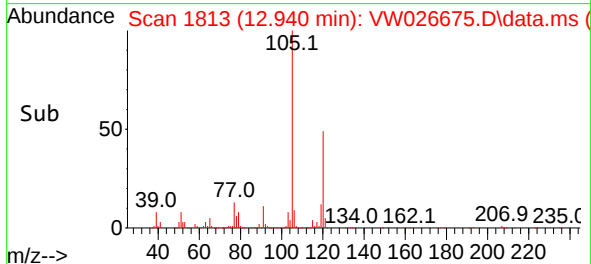
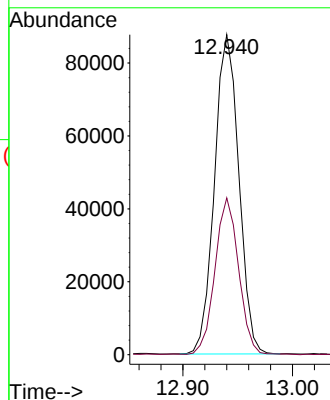
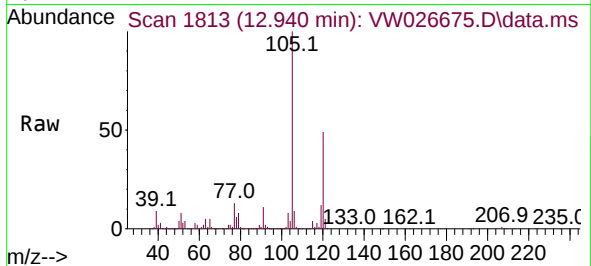




#62
 1,3,5-Trimethylbenzene
 Concen: 4.330 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW026675.D
 Acq: 10 Aug 2023 13:09

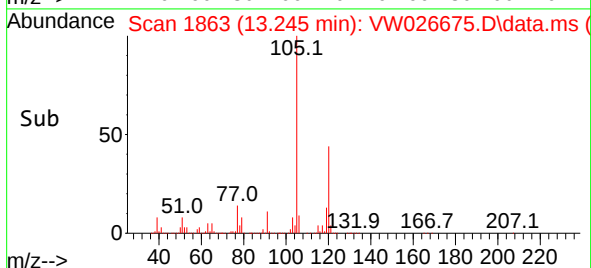
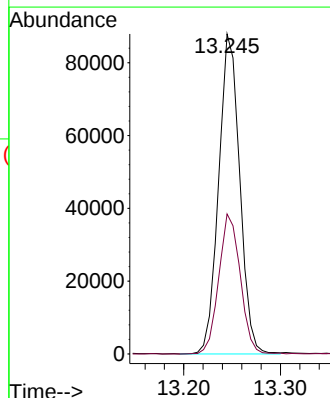
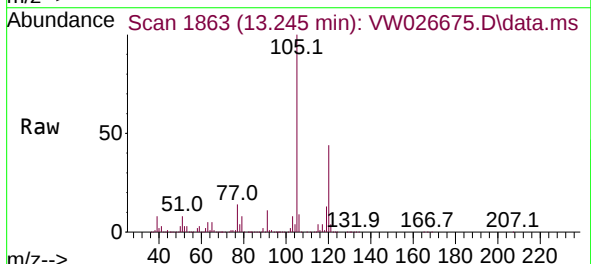
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005425

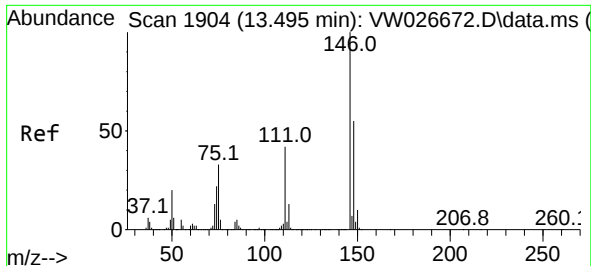
Tgt Ion:105 Resp: 135223
 Ion Ratio Lower Upper
 105 100
 120 47.8 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 4.336 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: VW026675.D
 Acq: 10 Aug 2023 13:09

Tgt Ion:105 Resp: 132676
 Ion Ratio Lower Upper
 105 100
 120 44.5 36.2 54.4

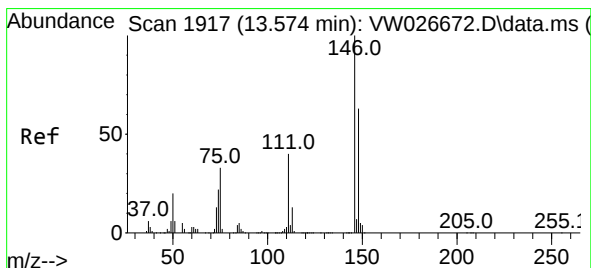
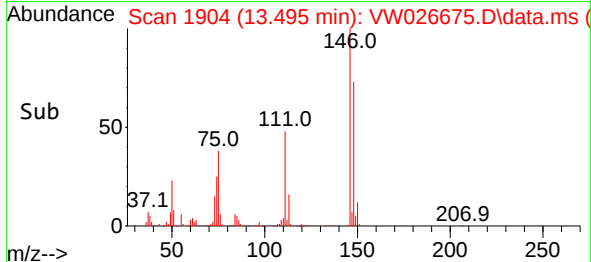
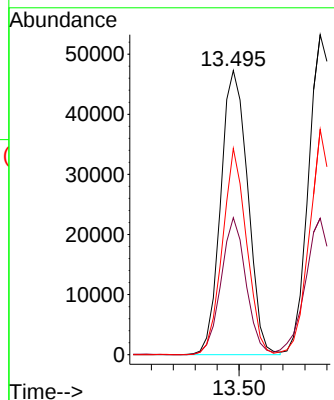
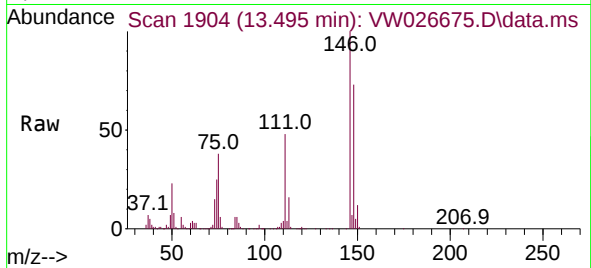




#64
1,3-Dichlorobenzene
Concen: 4.721 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

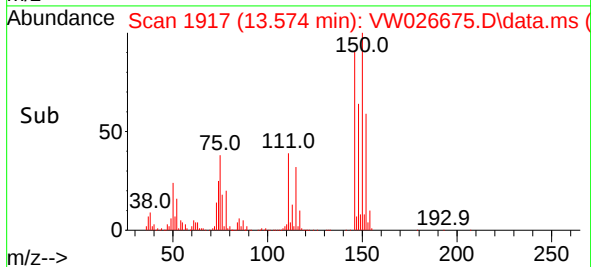
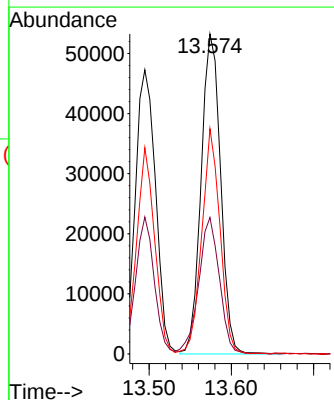
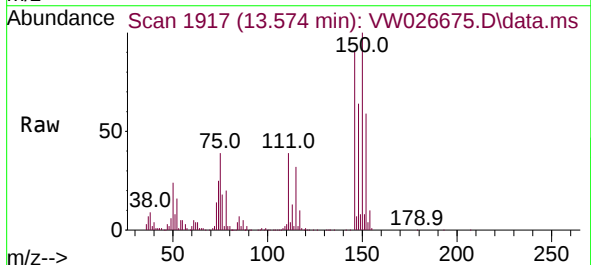
Instrument :
MSVOA_W
ClientSampleId :
VSTD005425

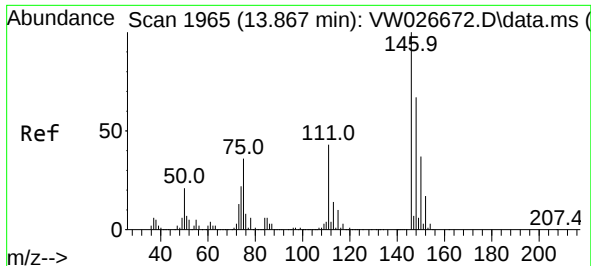
Tgt Ion:146 Resp: 81115
Ion Ratio Lower Upper
146 100
111 48.2 29.1 54.1
148 72.6 38.8 72.0#



#65
1,4-Dichlorobenzene
Concen: 4.886 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026675.D
Acq: 10 Aug 2023 13:09

Tgt Ion:146 Resp: 87610
Ion Ratio Lower Upper
146 100
111 42.7 28.3 52.7
148 70.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 4.749 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD005425

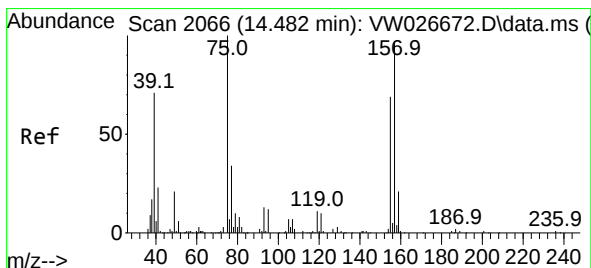
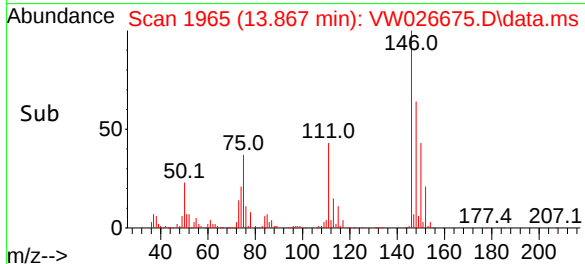
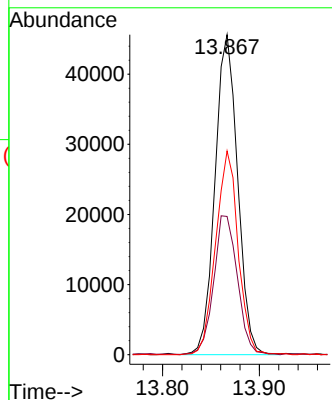
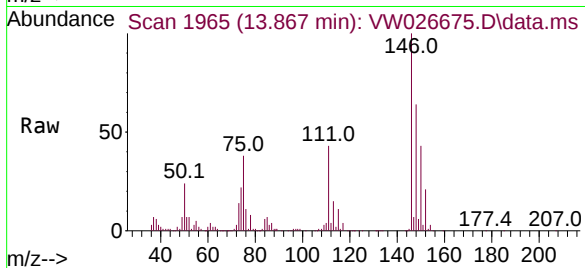
Tgt Ion:146 Resp: 74197

Ion Ratio Lower Upper

146 100

111 43.2 34.6 52.0

148 63.6 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.982 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

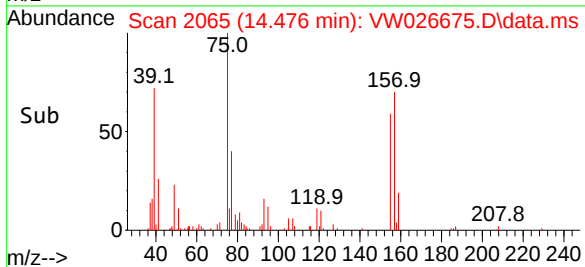
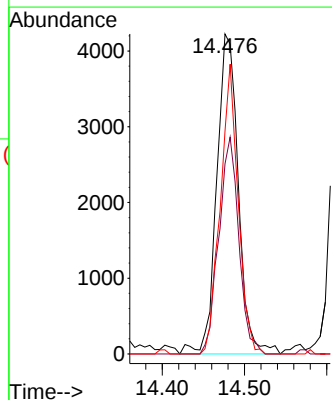
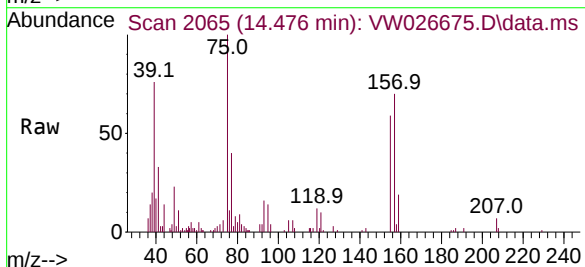
Tgt Ion: 75 Resp: 7681

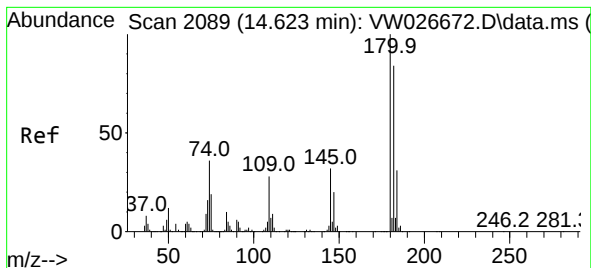
Ion Ratio Lower Upper

75 100

155 59.4 55.0 82.6

157 69.6 77.8 116.6#





#69

1,3,5-Trichlorobenzene

Concen: 4.821 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026675.D

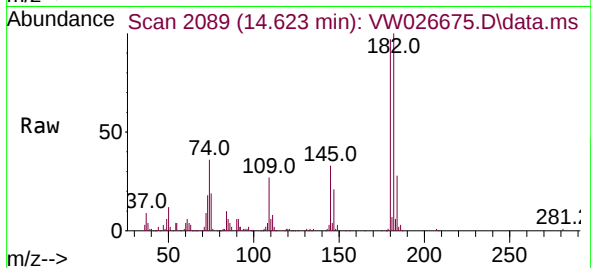
Acq: 10 Aug 2023 13:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD005425



Tgt Ion:180 Resp: 55966

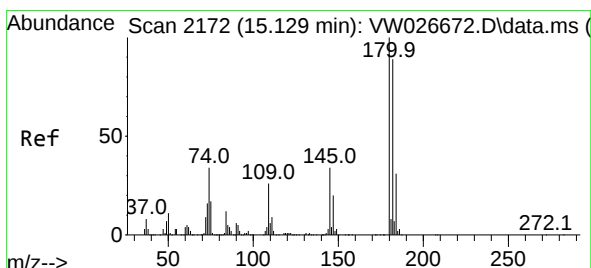
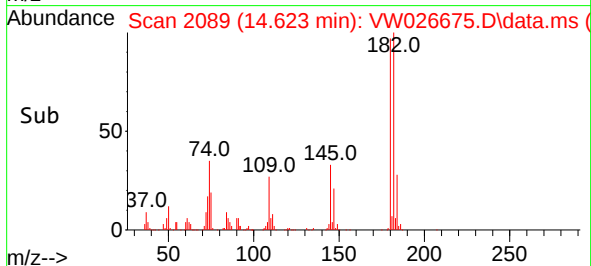
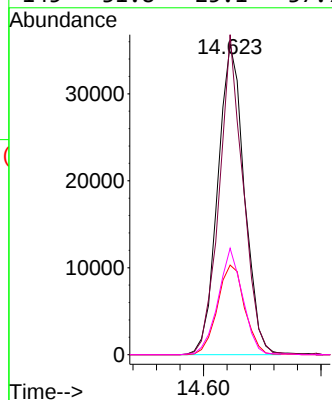
Ion Ratio Lower Upper

180 100

182 92.4 75.2 112.8

184 29.6 23.8 35.8

145 31.8 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 4.928 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

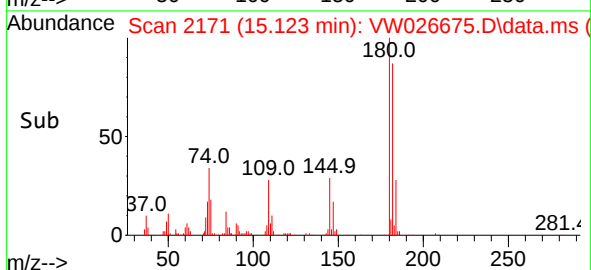
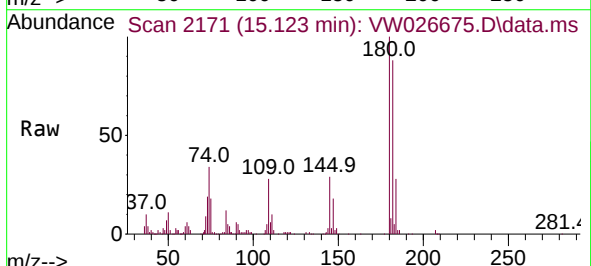
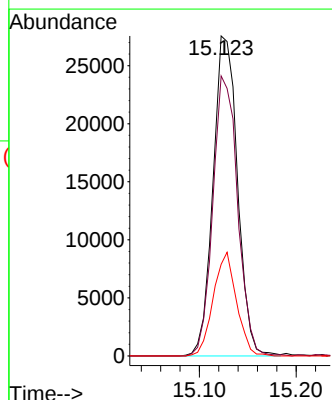
Tgt Ion:180 Resp: 48507

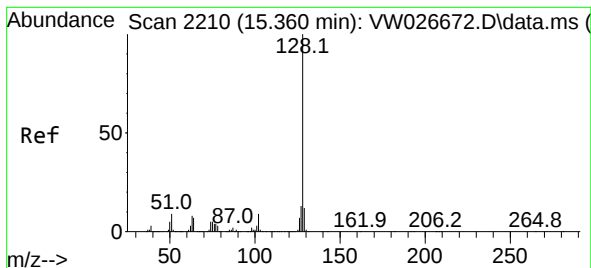
Ion Ratio Lower Upper

180 100

182 88.2 72.5 108.7

145 30.7 24.7 37.1





#71

Naphthalene

Concen: 4.270 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD005425

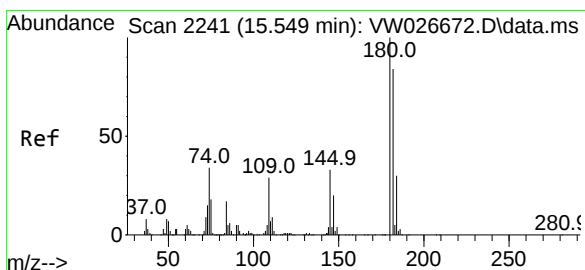
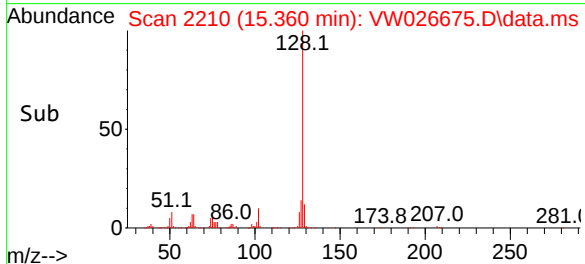
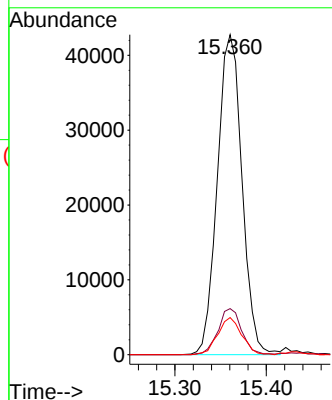
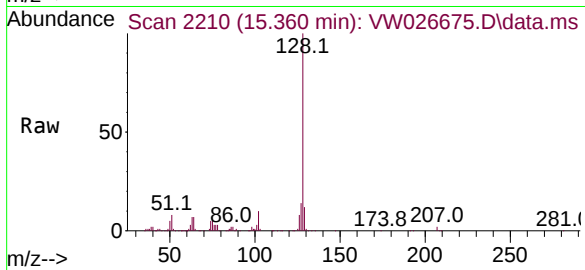
Tgt Ion:128 Resp: 80166

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 11.3 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 4.739 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026675.D

Acq: 10 Aug 2023 13:09

Tgt Ion:180 Resp: 42066

Ion Ratio Lower Upper

180 100

182 95.3 74.6 112.0

145 34.4 27.0 40.6

