

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083023\
 Data File : VW026959.D
 Acq On : 30 Aug 2023 10:18
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

Quant Time: Aug 31 01:25:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 29 20:47:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	312123	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	314350	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	186950	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	96620	18.831	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.320%		
7) Chloroethane-d5	2.893	69	79958	20.957	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.840%		
11) 1,1-Dichloroethene-d2	4.027	65	52299	20.724	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	82.880%		
21) 2-Butanone-d5	7.075	46	78344	53.124	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.240%		
24) Chloroform-d	7.648	84	274069	26.162	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	104.640%		
26) 1,2-Dichloroethane-d4	8.307	65	168099	29.078	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	116.320%		
32) Benzene-d6	8.276	84	480833	22.194	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.760%		
36) 1,2-Dichloropropane-d6	9.270	67	153238	22.707	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.840%		
41) Toluene-d8	10.319	98	425022	22.854	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.400%		
43) trans-1,3-Dichloroprop...	10.575	79	66994	24.044	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.160%		
47) 2-Hexanone-d5	10.922	63	39716	56.009	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.020%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	141540	26.558	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.240%		
66) 1,2-Dichlorobenzene-d4	13.849	152	159737	23.872	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.480%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	111196	26.203	ug/L	99
3) Chloromethane	2.223	50	119975	20.675	ug/L	99
5) Vinyl chloride	2.375	62	119573	21.555	ug/L	98
6) Bromomethane	2.790	94	65870	20.381	ug/L	94
8) Chloroethane	2.930	64	72070	21.683	ug/L	94
9) Trichlorofluoromethane	3.259	101	99082	21.764	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	95669	19.455	ug/L #	64
12) 1,1-Dichloroethene	4.051	96	102069	22.124	ug/L	91
13) Acetone	4.119	43	73431	50.078	ug/L	99
14) Carbon disulfide	4.393	76	293473	17.682	ug/L	98
15) Methyl Acetate	4.673	43	72532	24.694	ug/L	99
16) Methylene chloride	4.923	84	135577	22.455	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	114844	22.308	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	214456	27.531	ug/L	96
19) 1,1-Dichloroethane	6.216	63	262276	24.753	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	131711	23.802	ug/L	97
22) 2-Butanone	7.167	43	110617	51.190	ug/L	97
23) Bromochloromethane	7.514	128	56671	23.709	ug/L	93
25) Chloroform	7.673	83	265272	25.915	ug/L	99

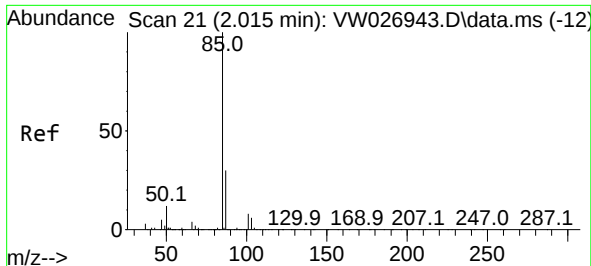
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083023\
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Quant Time: Aug 31 01:25:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 29 20:47:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.319	62	5880	0.823	ug/L	99
29) Cyclohexane	7.953	56	208897	21.489	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	213287	25.998	ug/L	98
31) Carbon tetrachloride	8.069	117	195991	26.128	ug/L	92
33) Benzene	8.319	78	533353	23.299	ug/L	100
34) Trichloroethene	9.093	95	132866	22.789	ug/L	96
35) Methylcyclohexane	9.331	83	216904	21.747	ug/L	98
37) 1,2-Dichloropropane	9.368	63	147266	23.486	ug/L	98
38) Bromodichloromethane	9.642	83	193737	26.338	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	232693	25.796	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	218343	53.533	ug/L	98
42) Toluene	10.386	91	564180	24.363	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	207088	26.673	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	105239	24.541	ug/L	97
46) Tetrachloroethene	10.861	164	97659	23.056	ug/L	91
48) 2-Hexanone	10.965	43	154047	55.507	ug/L	96
49) Dibromochloromethane	11.130	129	116524	25.980	ug/L	97
50) 1,2-Dibromoethane	11.233	107	91520	22.745	ug/L	90
51) Chlorobenzene	11.654	112	347239	23.739	ug/L	96
52) Ethylbenzene	11.727	91	660645	25.440	ug/L	99
53) m,p-Xylene	11.837	106	241534	25.106	ug/L	95
54) o-Xylene	12.166	106	236407	26.330	ug/L	97
55) Styrene	12.178	104	429241	27.495	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	138048	25.419	ug/L	99
59) Bromoform	12.349	173	70120	23.943	ug/L	96
60) Isopropylbenzene	12.459	105	675990	24.321	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	104309	23.002	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	570240	25.956	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	570822	26.515	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	292380	24.188	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	304700	24.154	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	272871	24.824	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	25483	23.309	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	201949	24.728	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	170406	24.610	ug/L	97
71) Naphthalene	15.360	128	334570	25.331	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	161396	25.843	ug/L	99

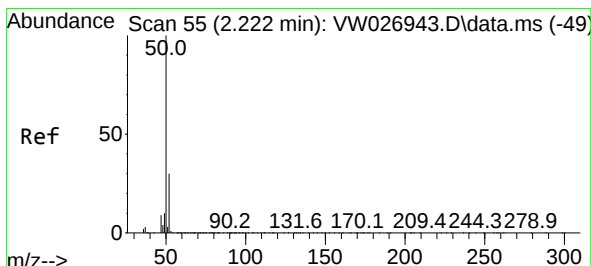
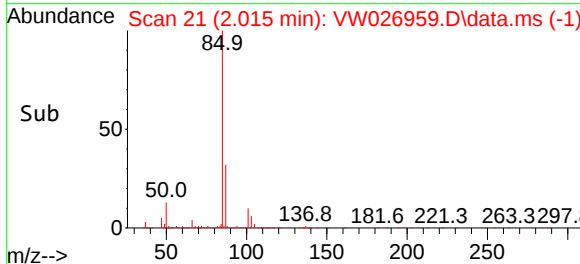
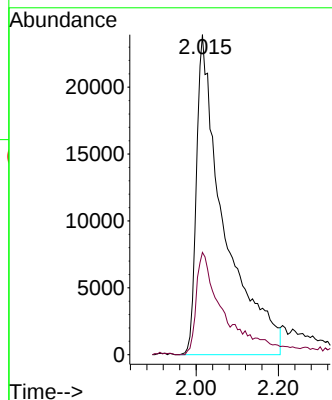
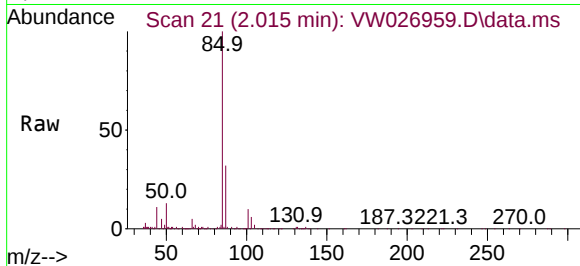
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 26.203 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026959.D
 Acq: 30 Aug 2023 10:18

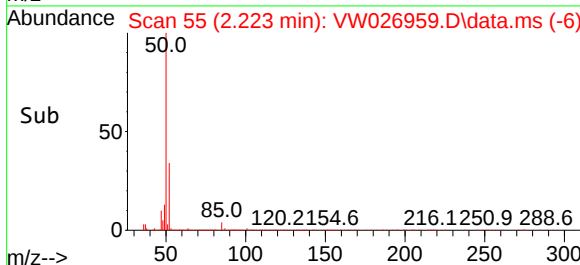
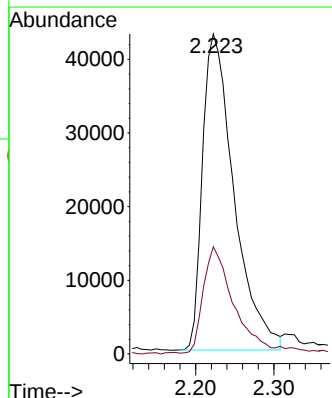
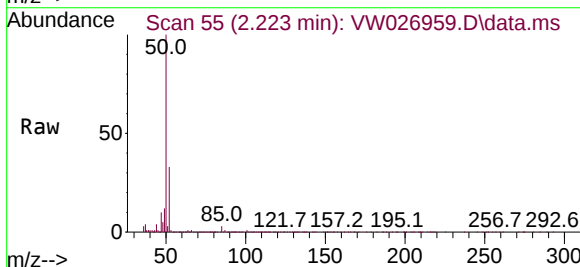
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

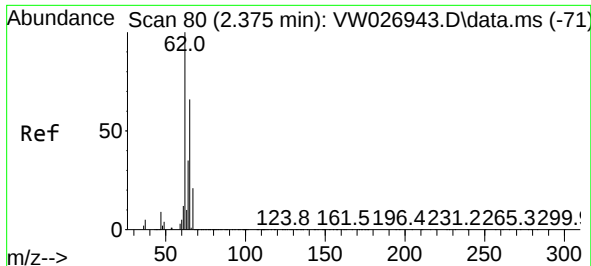
Tgt Ion: 85 Resp: 111196
 Ion Ratio Lower Upper
 85 100
 87 23.7 19.5 29.3



#3
 Chloromethane
 Concen: 20.675 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026959.D
 Acq: 30 Aug 2023 10:18

Tgt Ion: 50 Resp: 119975
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.8

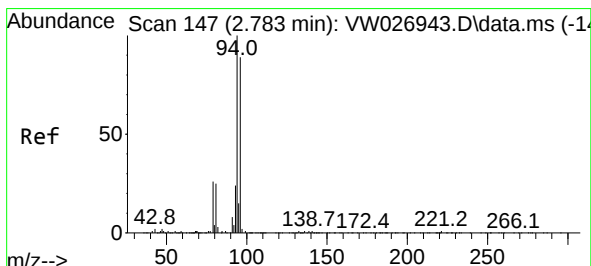
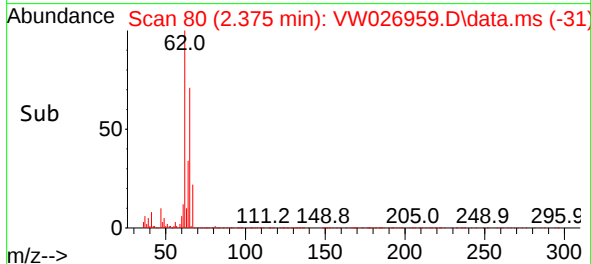
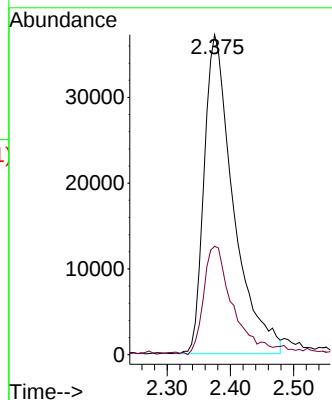
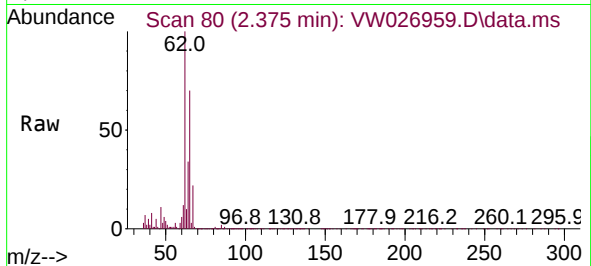




#5
 Vinyl chloride
 Concen: 21.555 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026959.D
 Acq: 30 Aug 2023 10:18

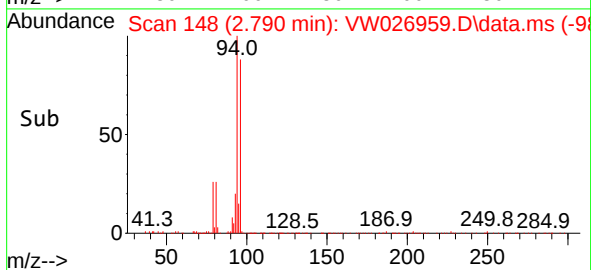
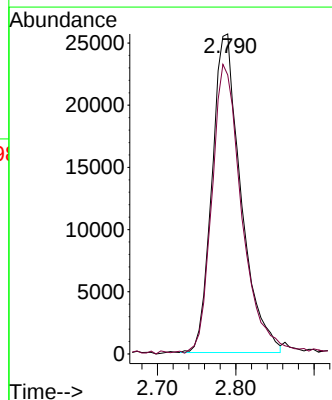
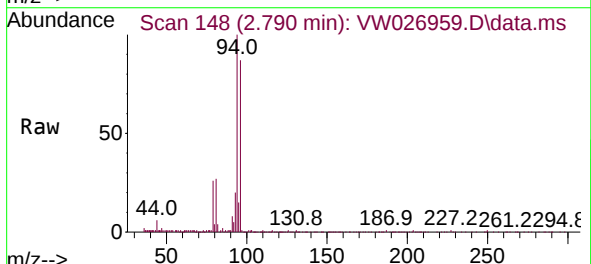
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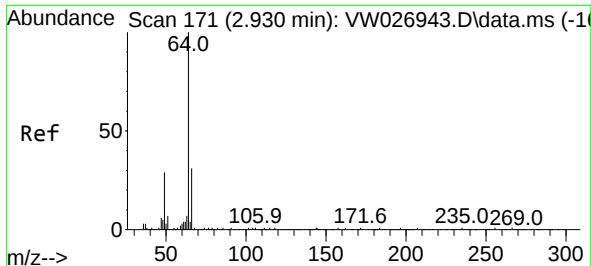
Tgt Ion: 62 Resp: 119573
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.7 42.3



#6
 Bromomethane
 Concen: 20.381 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026959.D
 Acq: 30 Aug 2023 10:18

Tgt Ion: 94 Resp: 65870
 Ion Ratio Lower Upper
 94 100
 96 87.2 64.8 120.3

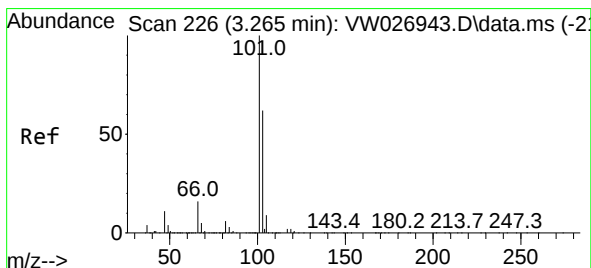
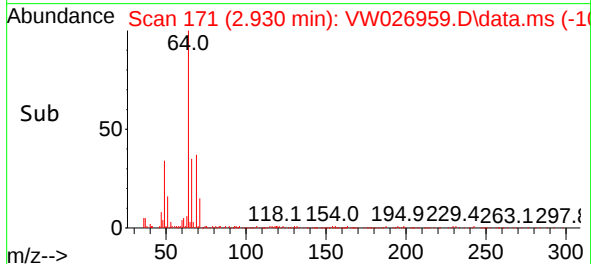
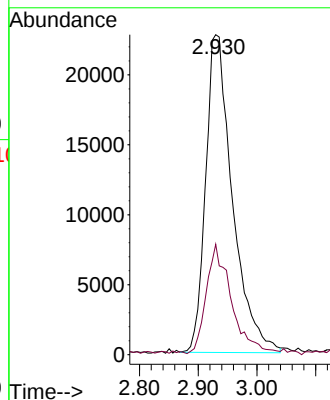
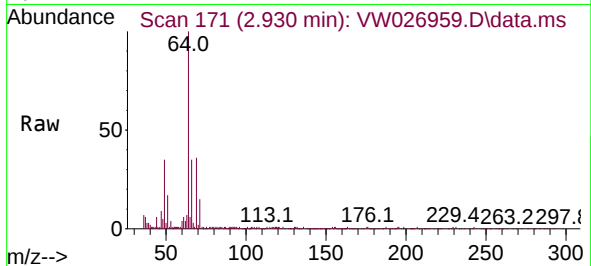




#8
Chloroethane
Concen: 21.683 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

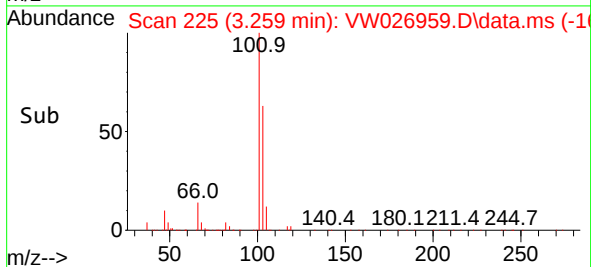
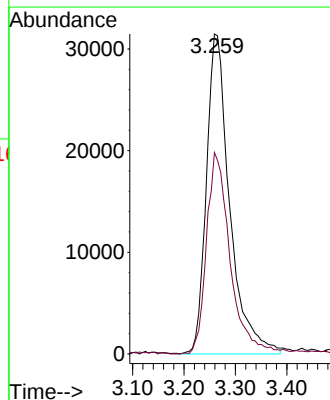
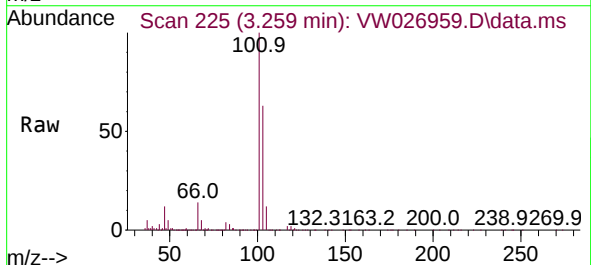
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ClientSampleId :
VSTD025485

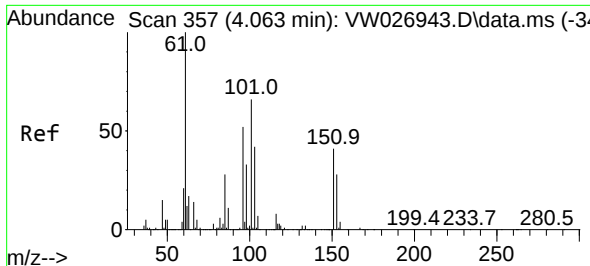
Tgt Ion: 64 Resp: 72070
Ion Ratio Lower Upper
64 100
66 34.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.764 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

Tgt Ion: 101 Resp: 99082
Ion Ratio Lower Upper
101 100
103 62.1 51.9 77.9

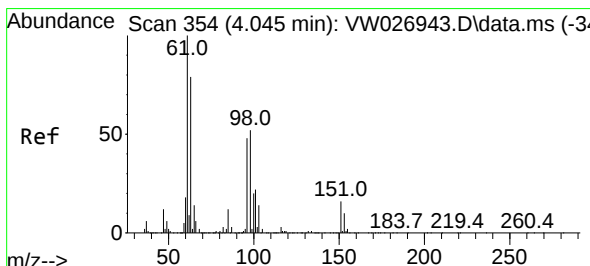
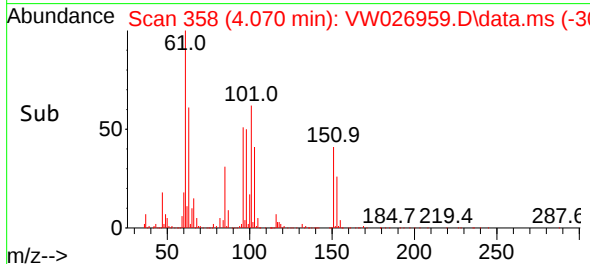
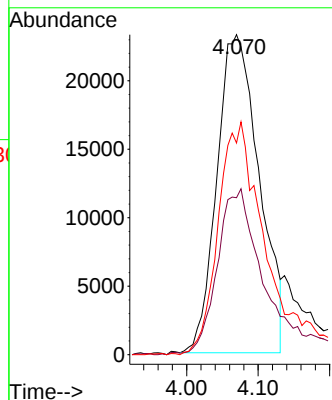
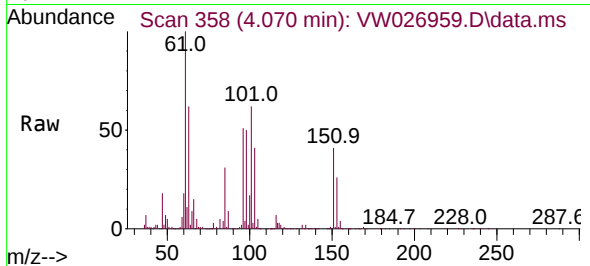




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.455 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW026959.D
 Acq: 30 Aug 2023 10:18

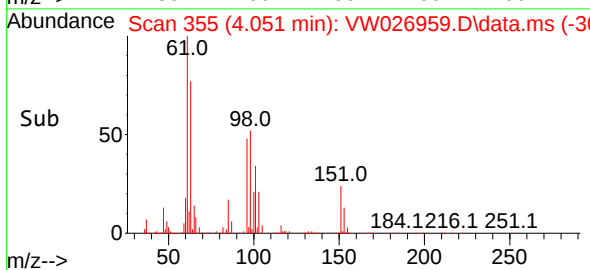
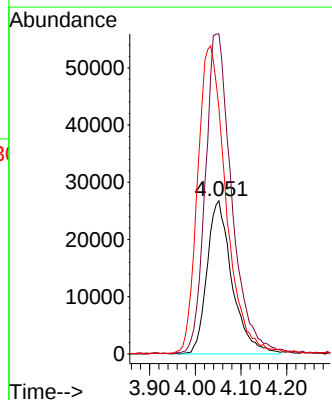
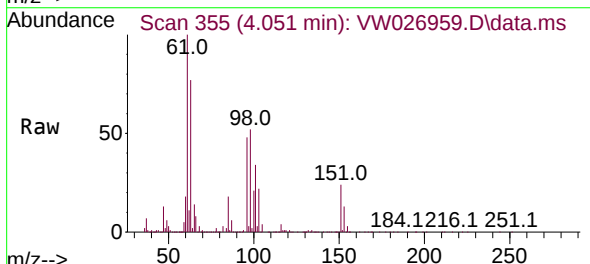
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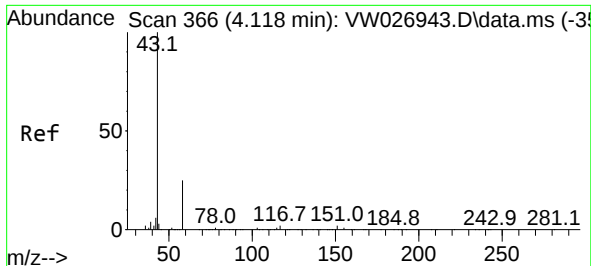
Tgt Ion:101 Resp: 95669
 Ion Ratio Lower Upper
 101 100
 85 24.8 32.8 49.2#
 151 34.3 54.4 81.6#



#12
 1,1-Dichloroethene
 Concen: 22.124 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026959.D
 Acq: 30 Aug 2023 10:18

Tgt Ion: 96 Resp: 102069
 Ion Ratio Lower Upper
 96 100
 61 208.9 133.2 247.4
 63 160.8 109.0 202.4

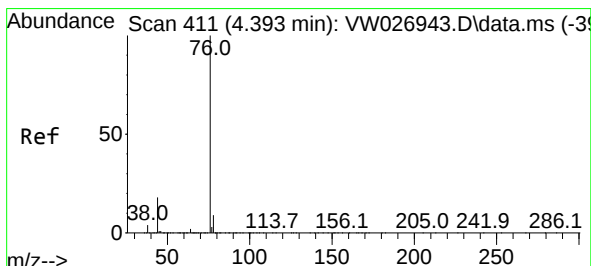
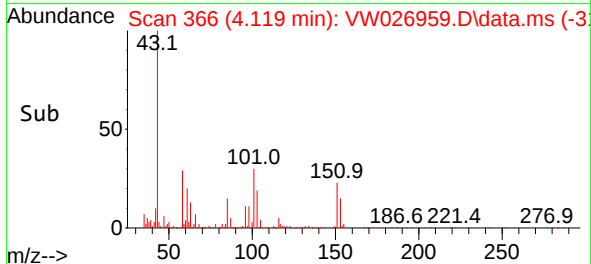
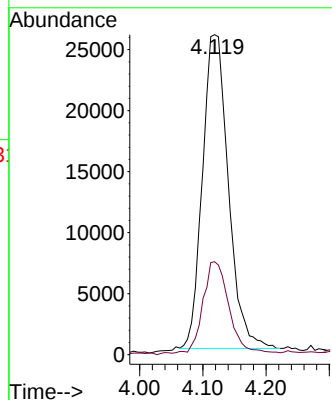
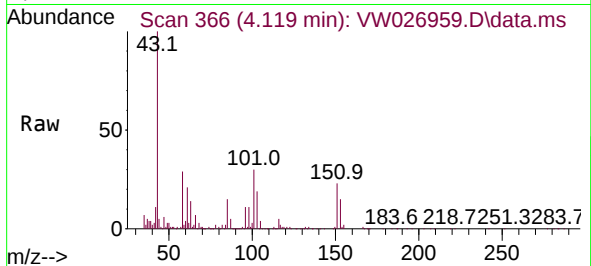




#13
Acetone
Concen: 50.078 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

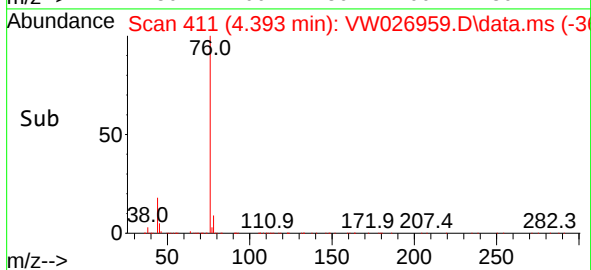
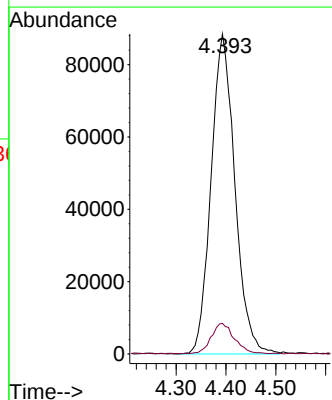
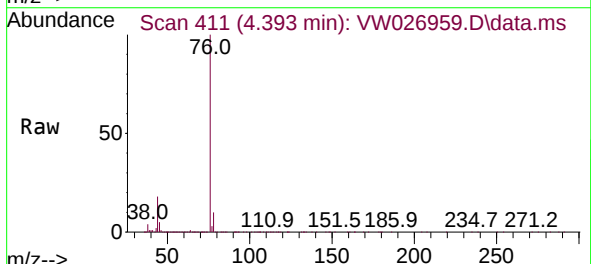
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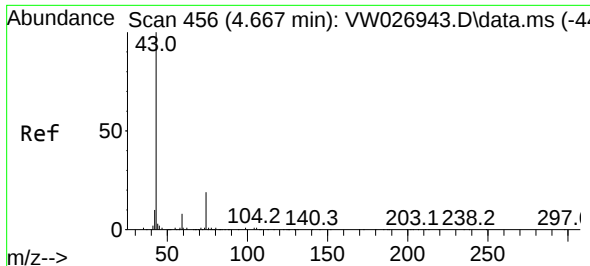
Tgt Ion: 43 Resp: 73431
Ion Ratio Lower Upper
43 100
58 29.2 0.0 57.4



#14
Carbon disulfide
Concen: 17.682 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

Tgt Ion: 76 Resp: 293473
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7

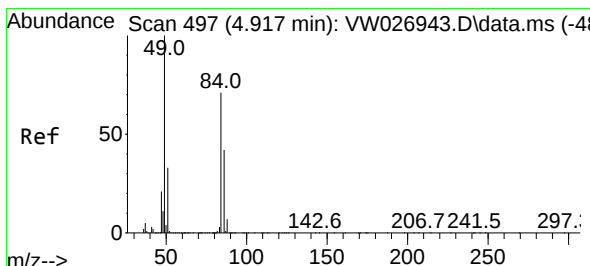
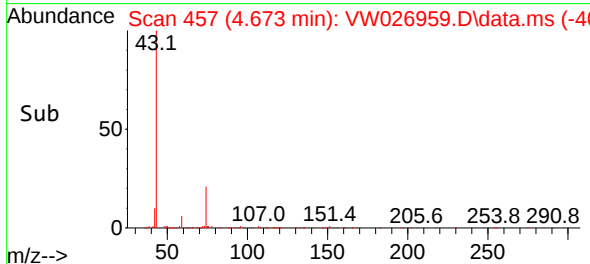
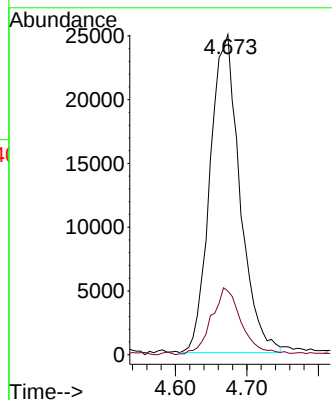
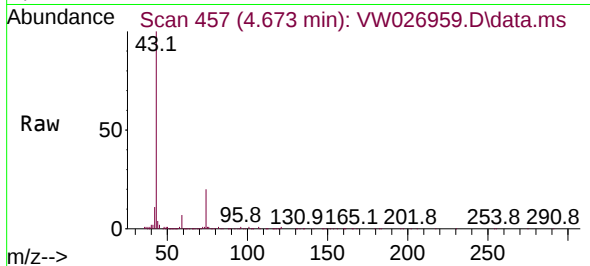




#15
Methyl Acetate
Concen: 24.694 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

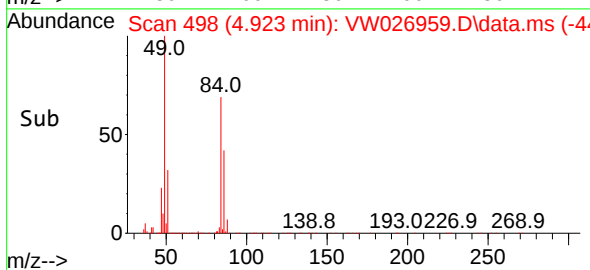
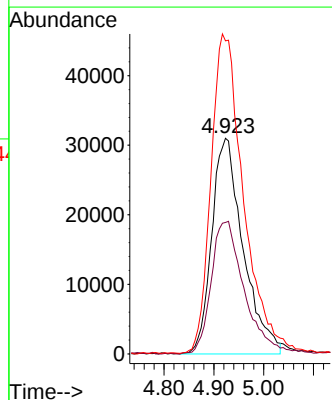
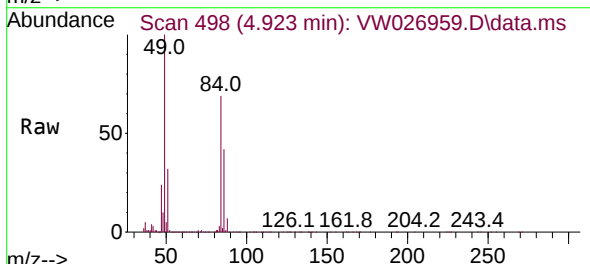
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

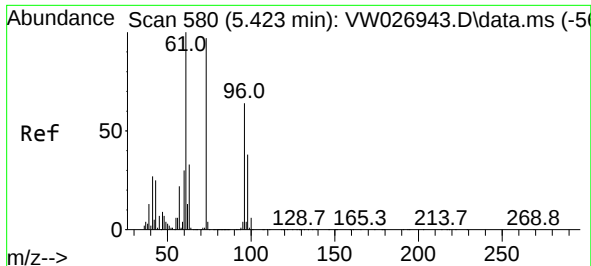
Tgt Ion: 43 Resp: 72532
Ion Ratio Lower Upper
43 100
74 20.9 16.4 24.6



#16
Methylene chloride
Concen: 22.455 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

Tgt Ion: 84 Resp: 135577
Ion Ratio Lower Upper
84 100
86 60.9 43.5 80.9
49 145.1 96.0 178.2

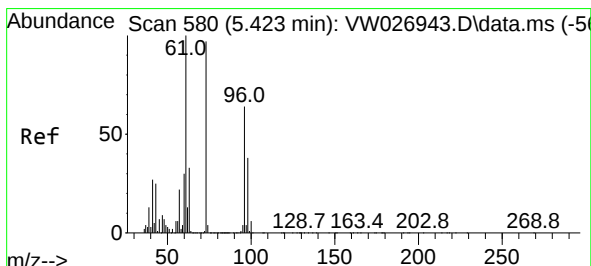
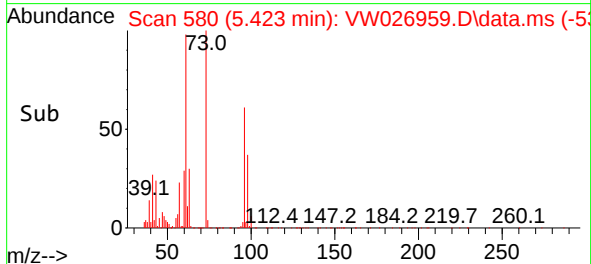
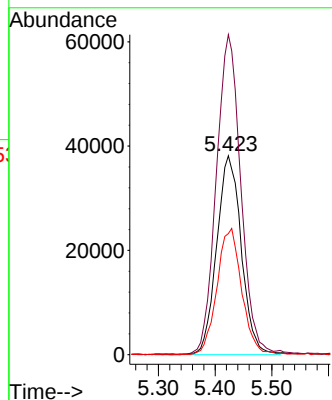
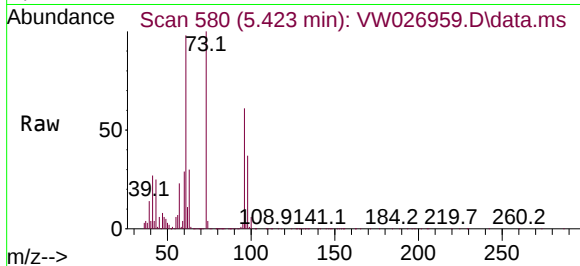




#17
trans-1,2-Dichloroethene
Concen: 22.308 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

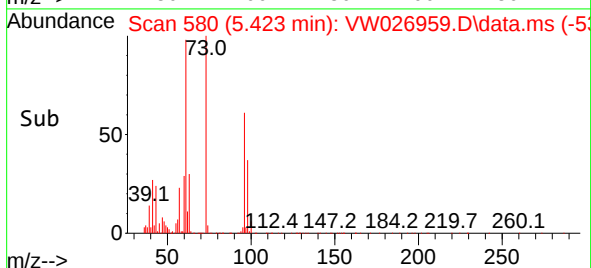
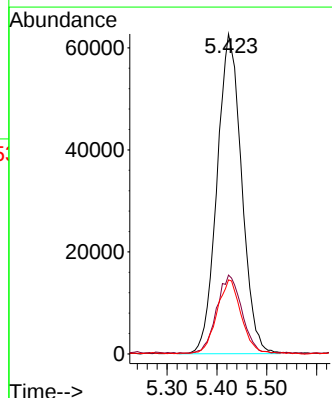
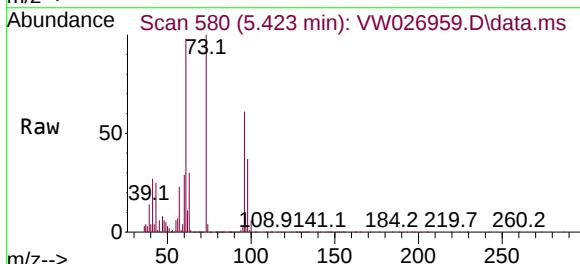
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

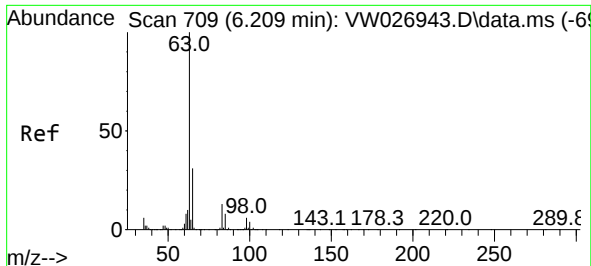
Tgt Ion: 96 Resp: 114844
Ion Ratio Lower Upper
96 100
61 160.9 109.4 203.2
98 60.9 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 27.531 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

Tgt Ion: 73 Resp: 214456
Ion Ratio Lower Upper
73 100
43 24.9 18.0 27.0
57 22.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.753 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

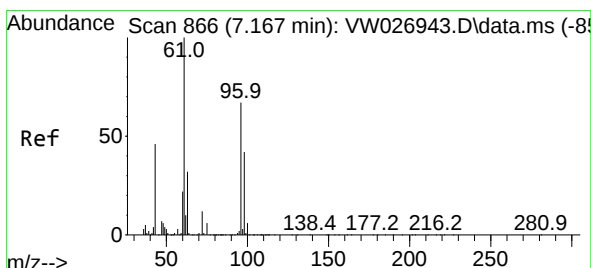
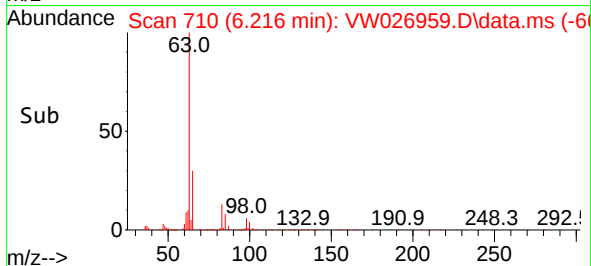
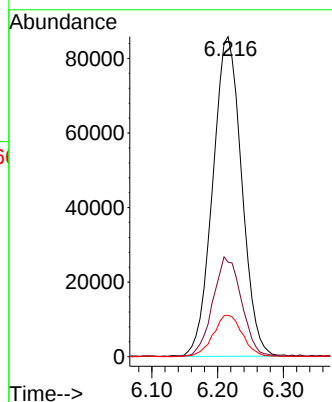
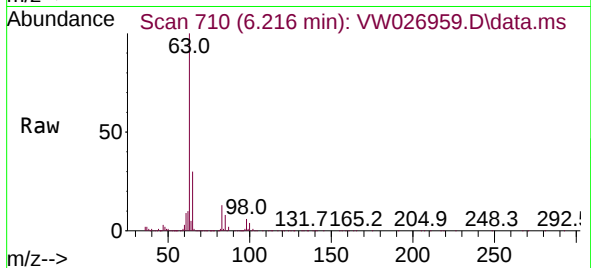
Tgt Ion: 63 Resp: 262276

Ion Ratio Lower Upper

63 100

65 29.6 21.8 40.6

83 12.9 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.802 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

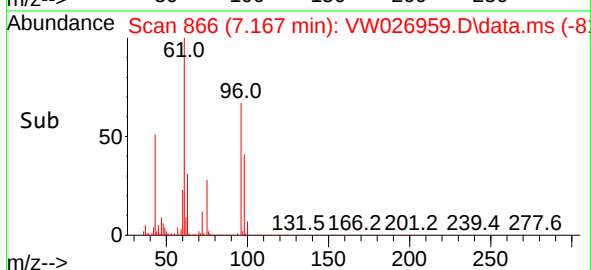
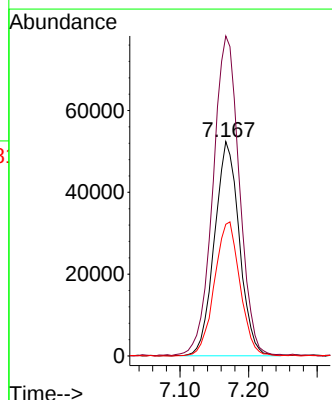
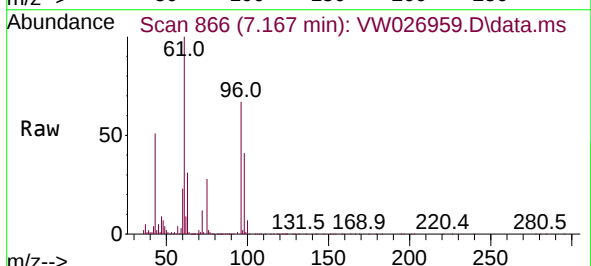
Tgt Ion: 96 Resp: 131711

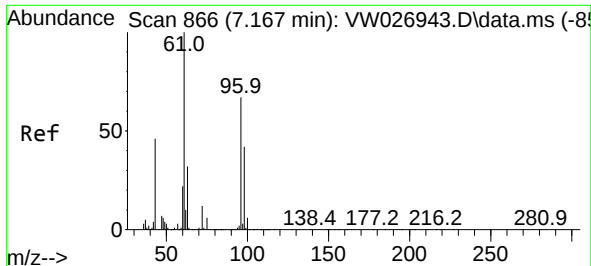
Ion Ratio Lower Upper

96 100

61 149.3 101.2 188.0

98 61.4 43.8 81.3

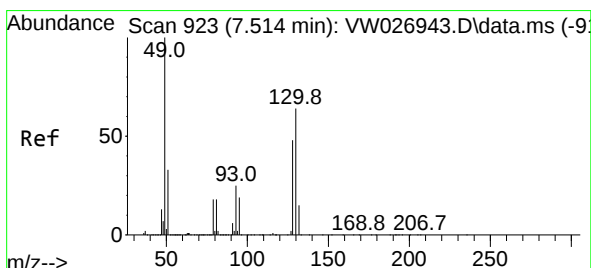
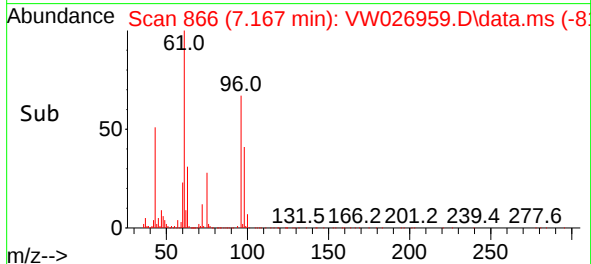
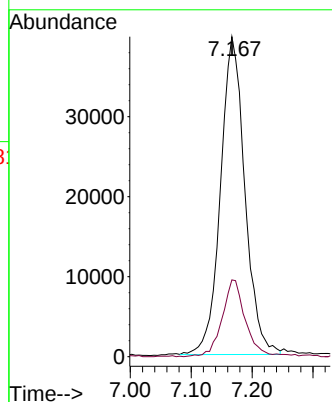
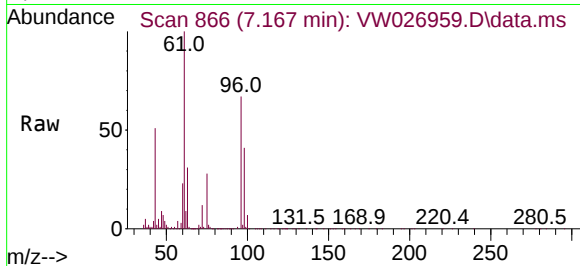




#22
2-Butanone
Concen: 51.190 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

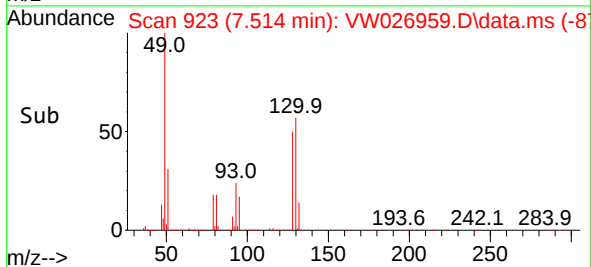
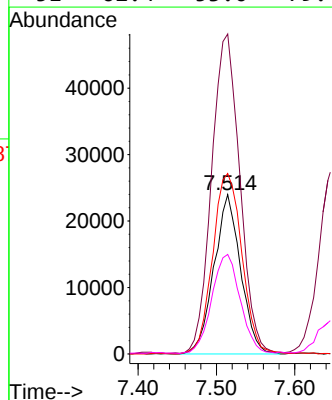
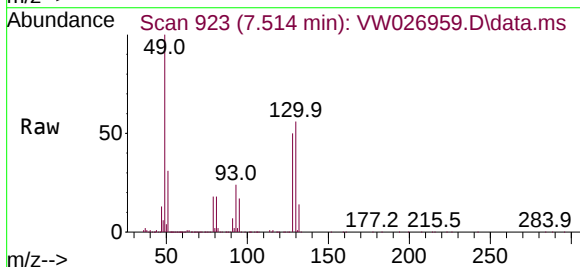
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

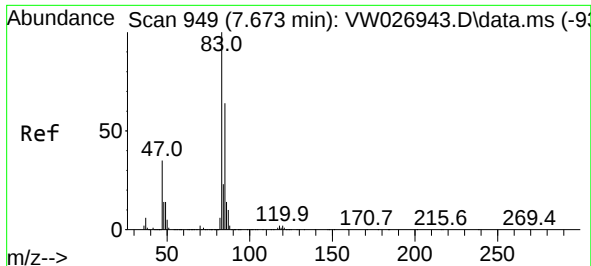
Tgt Ion: 43 Resp: 110617
Ion Ratio Lower Upper
43 100
72 22.1 11.8 35.4



#23
Bromochloromethane
Concen: 23.709 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

Tgt Ion: 128 Resp: 56671
Ion Ratio Lower Upper
128 100
49 200.8 143.1 265.7
130 113.2 91.8 170.4
51 62.4 53.0 79.4

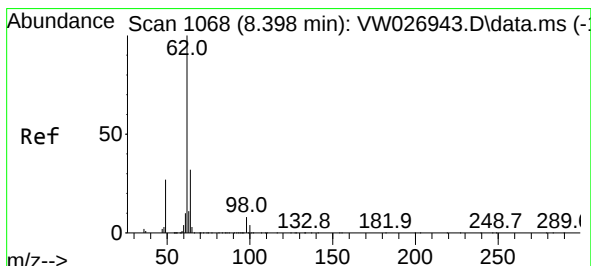
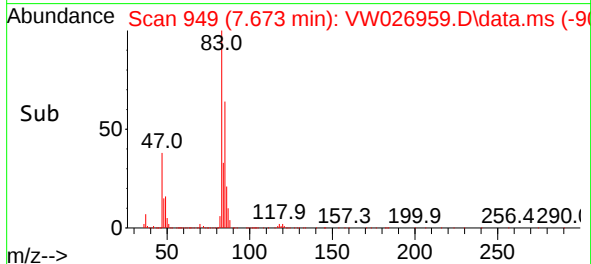
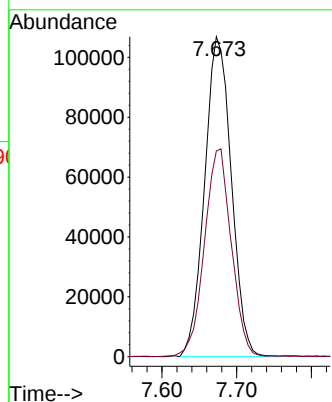
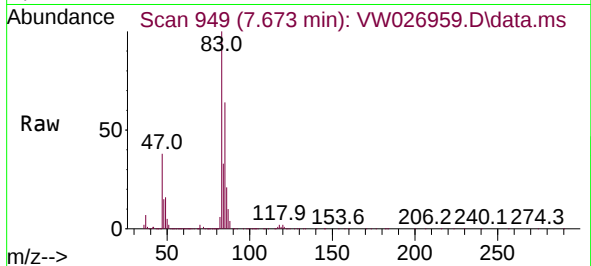




#25
Chloroform
Concen: 25.915 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

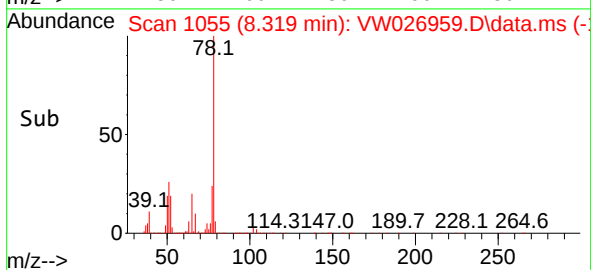
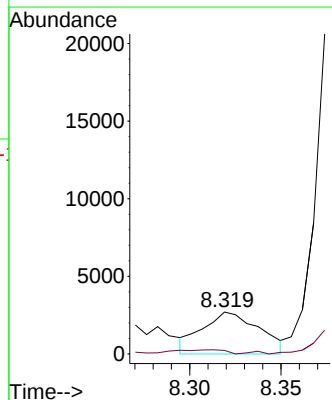
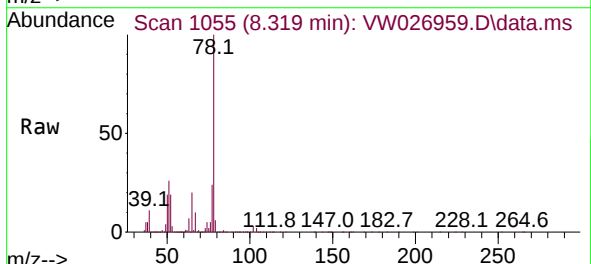
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

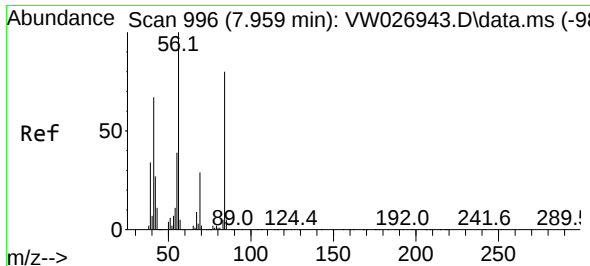
Tgt Ion: 83 Resp: 265272
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.2



#27
1,2-Dichloroethane
Concen: 0.823 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.079 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

Tgt Ion: 62 Resp: 5880
Ion Ratio Lower Upper
62 100
98 8.5 7.1 10.7





#29

Cyclohexane

Concen: 21.489 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

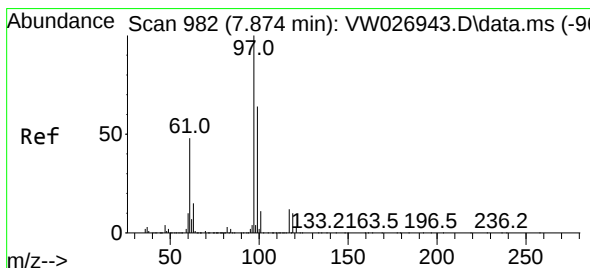
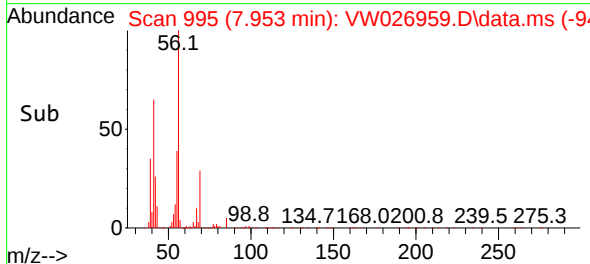
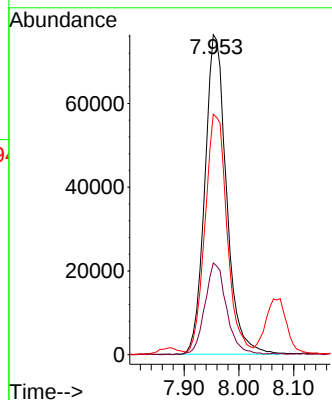
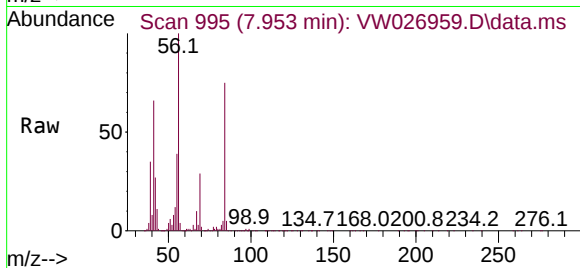
Tgt Ion: 56 Resp: 208897

Ion Ratio Lower Upper

56 100

69 28.5 23.2 34.8

84 76.2 62.7 94.1



#30

1,1,1-Trichloroethane

Concen: 25.998 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

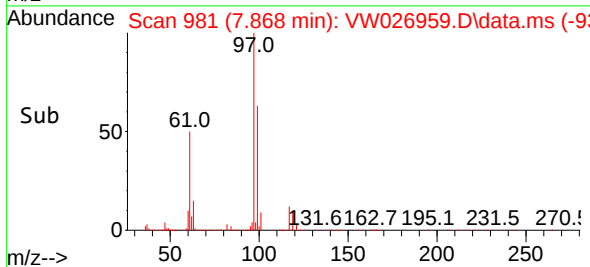
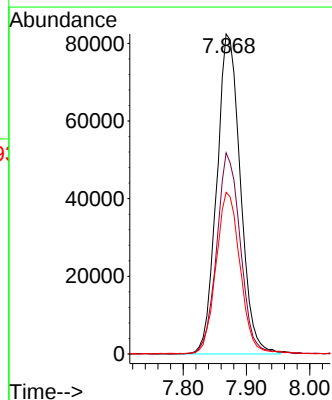
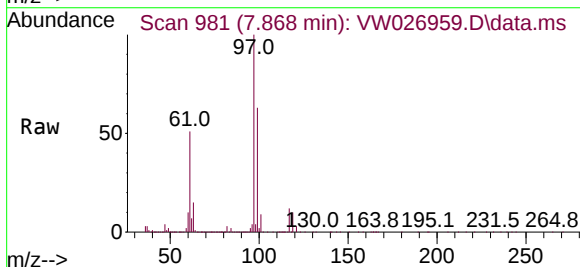
Tgt Ion: 97 Resp: 213287

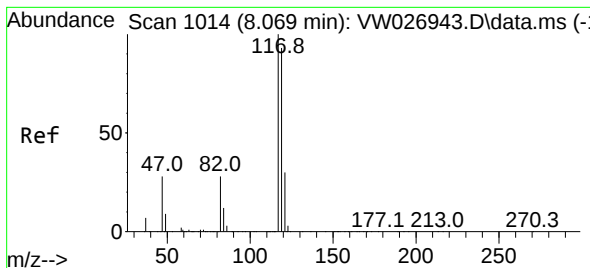
Ion Ratio Lower Upper

97 100

99 63.2 51.2 76.8

61 51.2 39.2 58.8





#31

Carbon tetrachloride

Concen: 26.128 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :

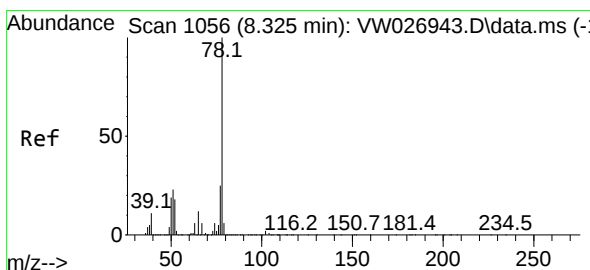
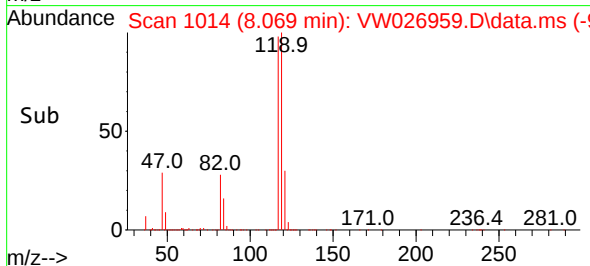
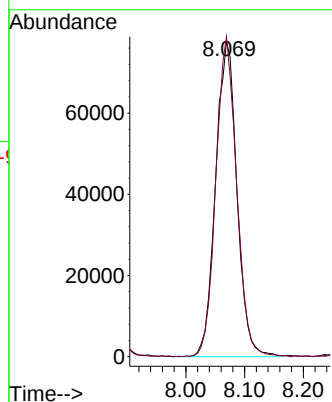
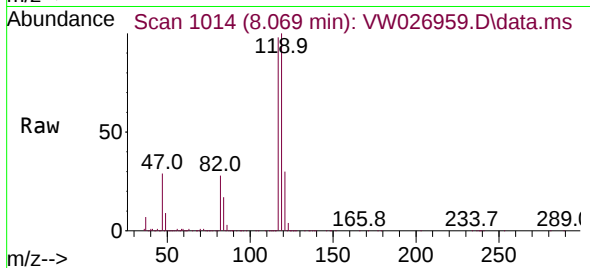
VSTD025485

Tgt Ion:117 Resp: 195991

Ion Ratio Lower Upper

117 100

119 98.7 73.0 109.4



#33

Benzene

Concen: 23.299 ug/L

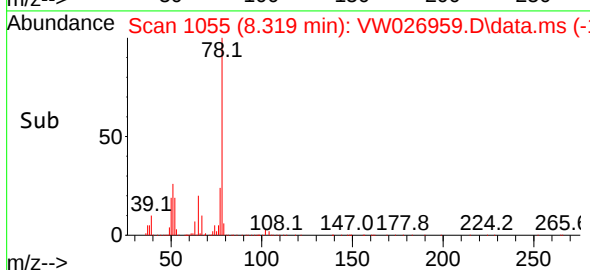
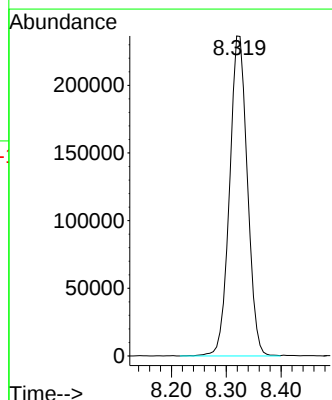
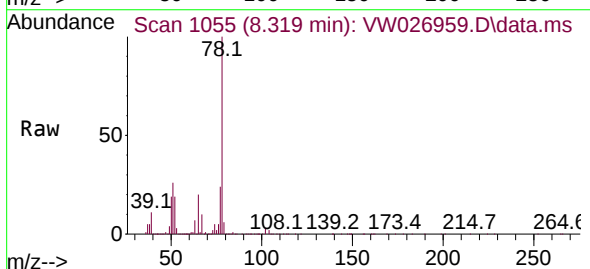
RT: 8.319 min Scan# 1055

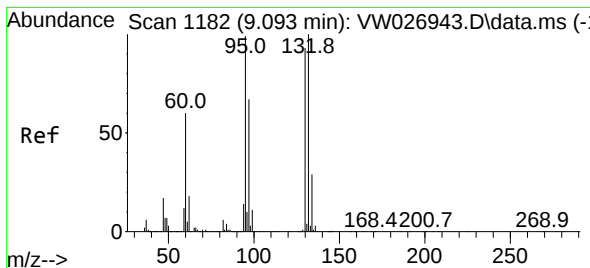
Delta R.T. -0.006 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

Tgt Ion: 78 Resp: 533353





#34

Trichloroethene

Concen: 22.789 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

Tgt Ion: 95 Resp: 132866

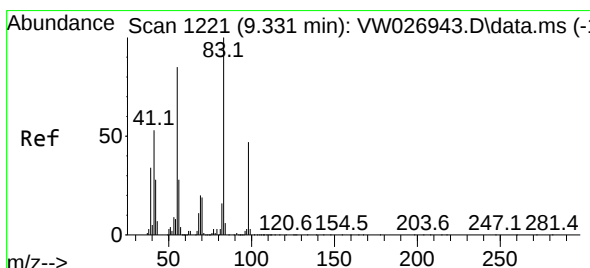
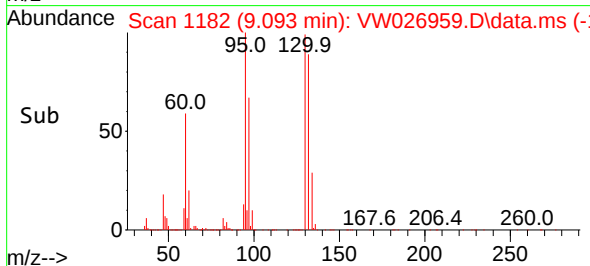
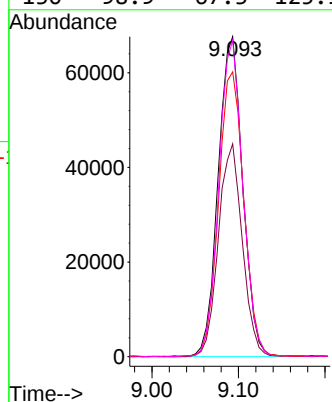
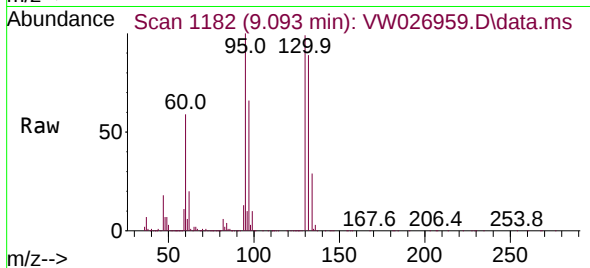
Ion Ratio Lower Upper

95 100

97 66.5 44.6 82.8

132 89.0 66.4 123.2

130 98.9 67.3 125.1



#35

Methylcyclohexane

Concen: 21.747 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

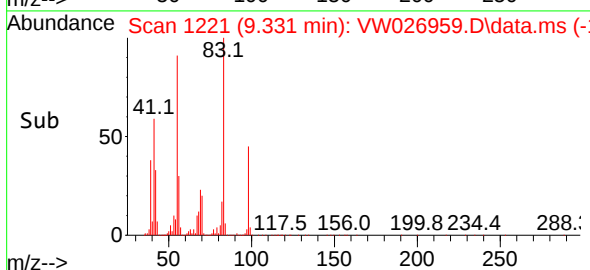
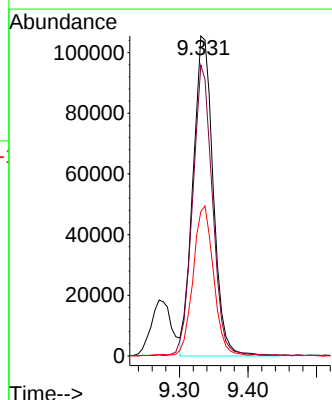
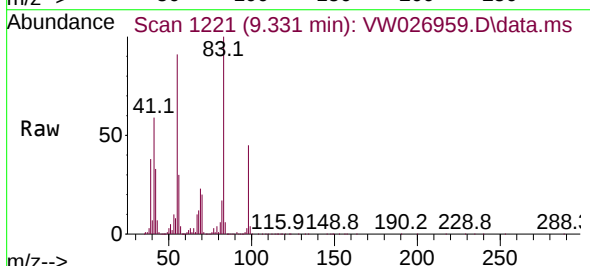
Tgt Ion: 83 Resp: 216904

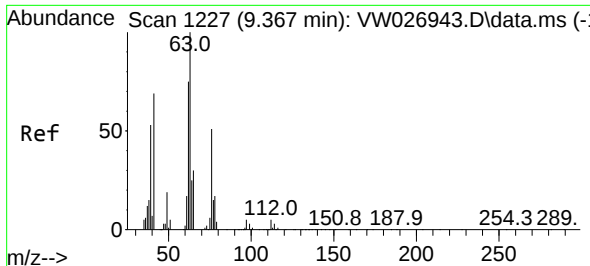
Ion Ratio Lower Upper

83 100

55 88.8 69.3 103.9

98 47.3 37.4 56.0





#37

1,2-Dichloropropane

Concen: 23.486 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :

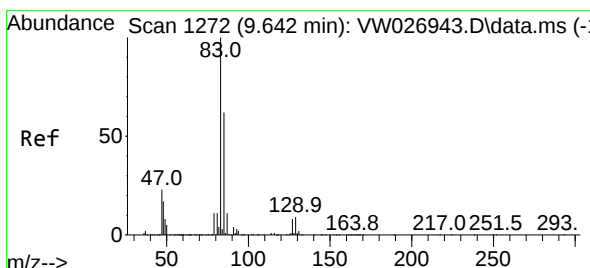
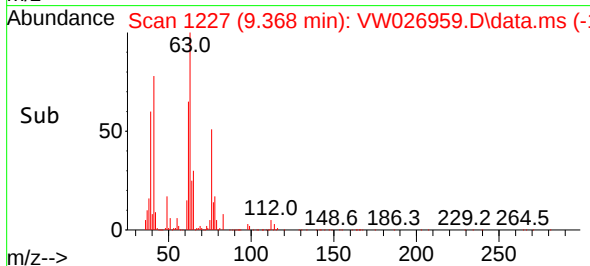
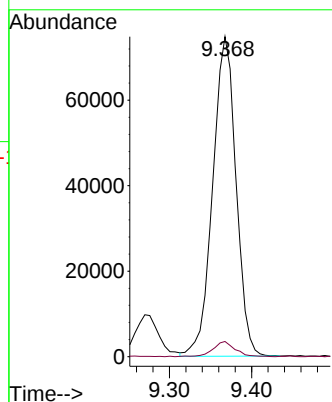
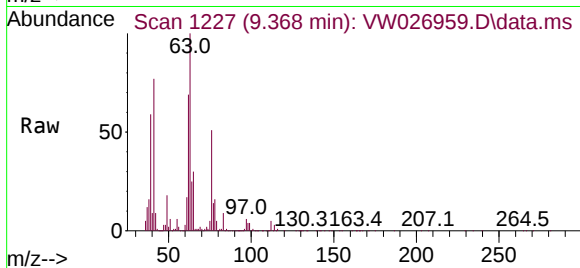
VSTD025485

Tgt Ion: 63 Resp: 147266

Ion Ratio Lower Upper

63 100

112 4.5 3.1 4.7



#38

Bromodichloromethane

Concen: 26.338 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

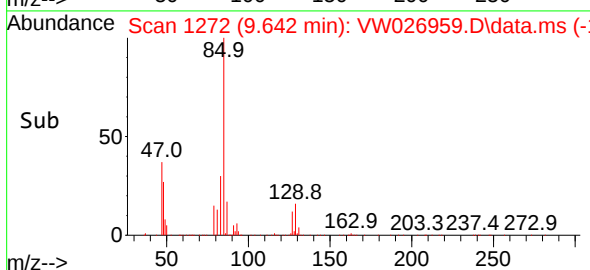
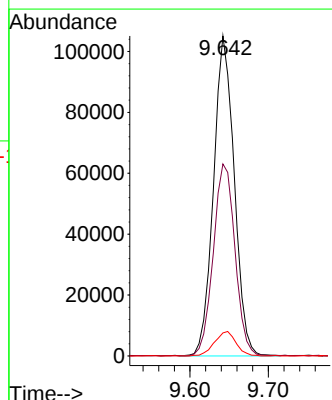
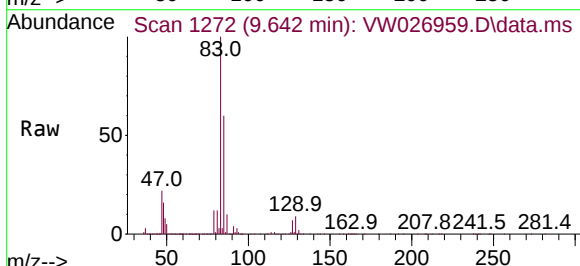
Tgt Ion: 83 Resp: 193737

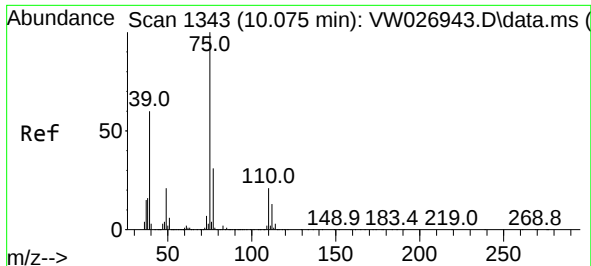
Ion Ratio Lower Upper

83 100

85 60.0 45.4 84.2

127 7.2 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.796 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :

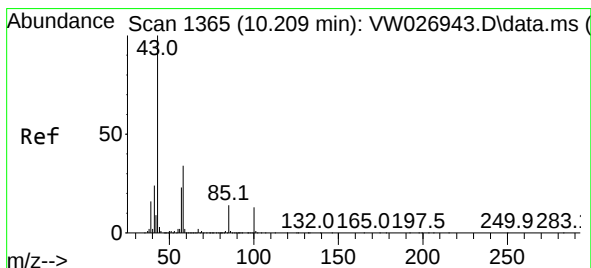
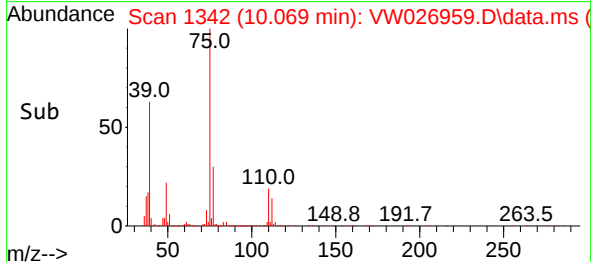
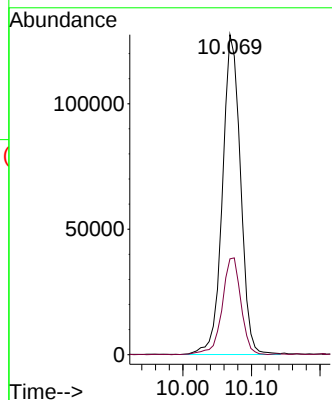
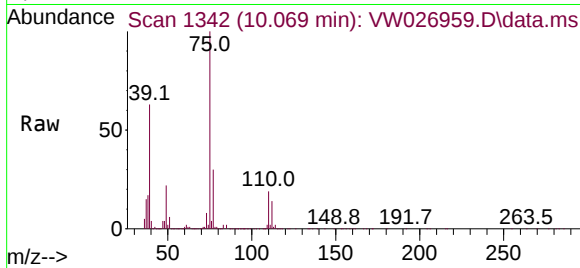
VSTD025485

Tgt Ion: 75 Resp: 232693

Ion Ratio Lower Upper

75 100

77 30.0 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 53.533 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

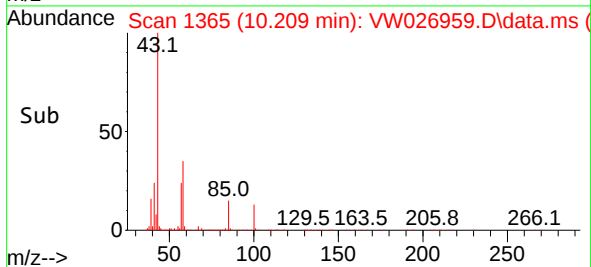
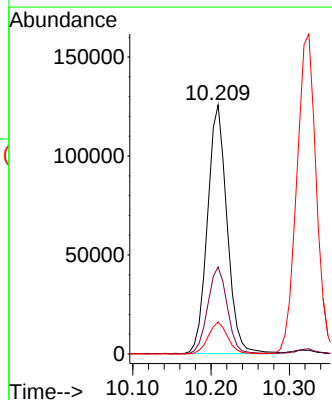
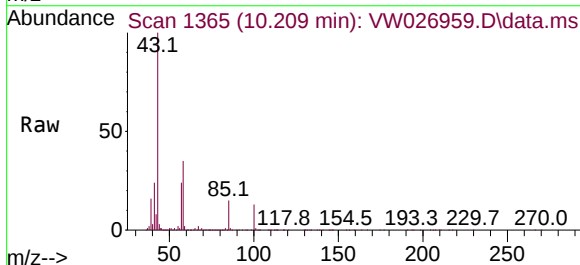
Tgt Ion: 43 Resp: 218343

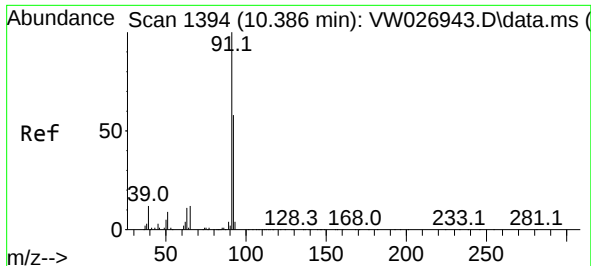
Ion Ratio Lower Upper

43 100

58 35.1 29.2 43.8

100 12.8 10.7 16.1

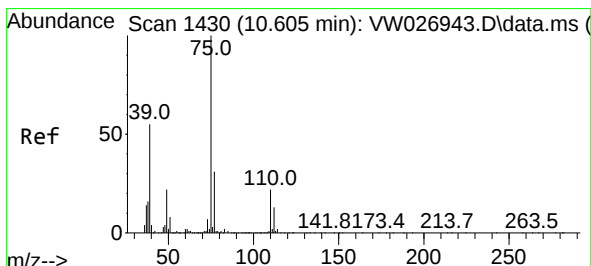
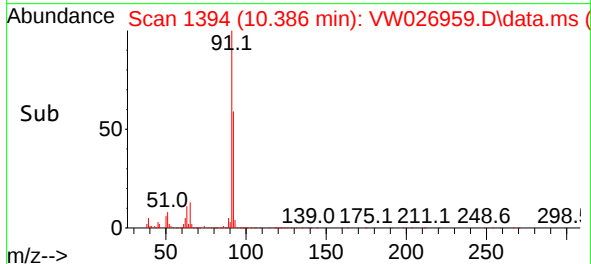
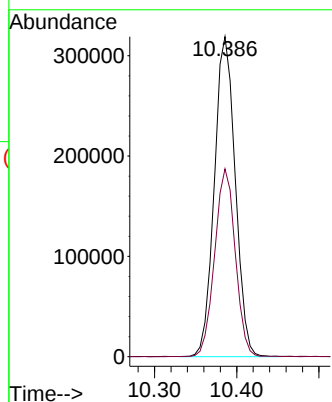
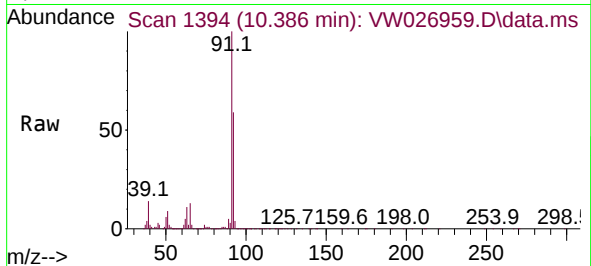




#42
Toluene
Concen: 24.363 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

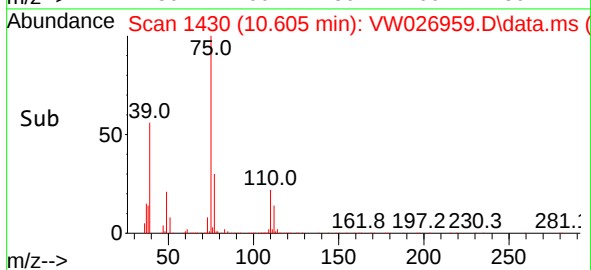
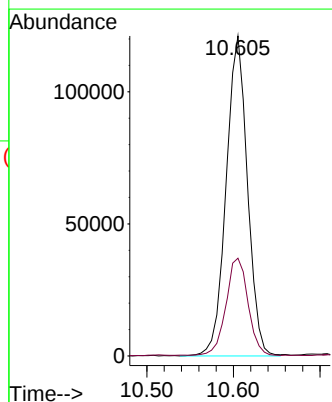
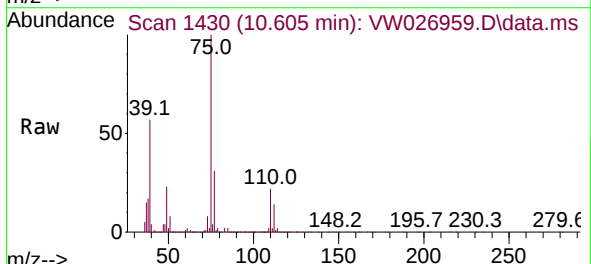
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

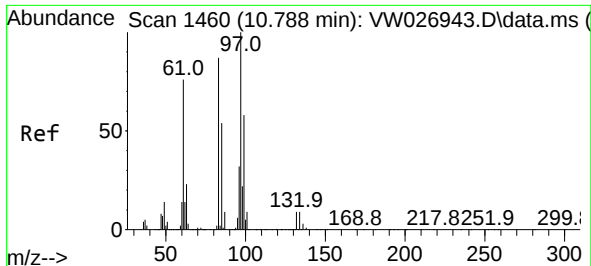
Tgt Ion: 91 Resp: 564180
Ion Ratio Lower Upper
91 100
92 58.7 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 26.673 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

Tgt Ion: 75 Resp: 207088
Ion Ratio Lower Upper
75 100
77 30.5 21.2 39.4

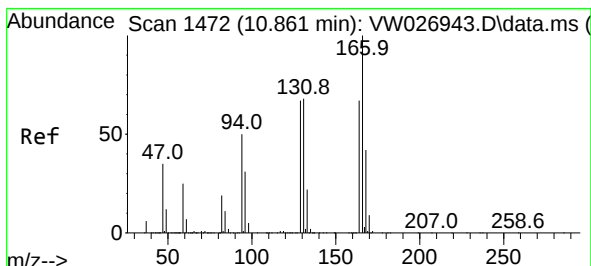
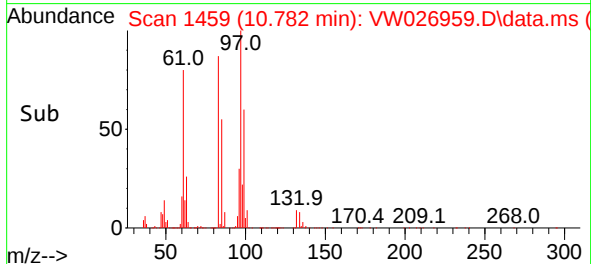
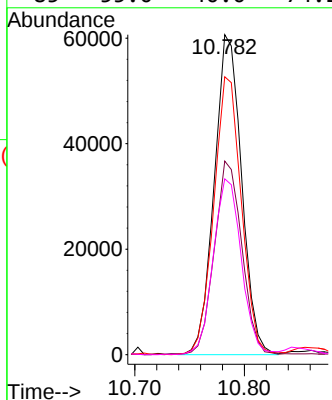
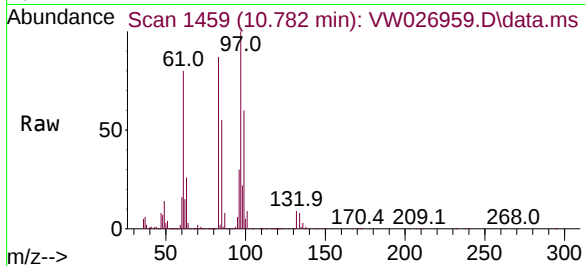




#45
1,1,2-Trichloroethane
Concen: 24.541 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

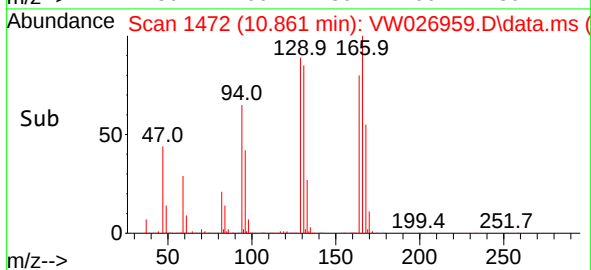
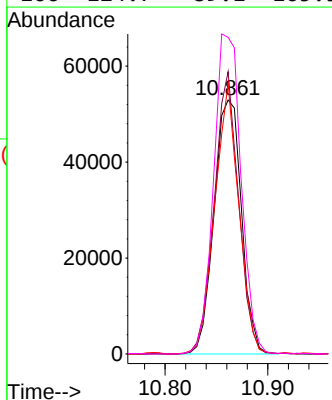
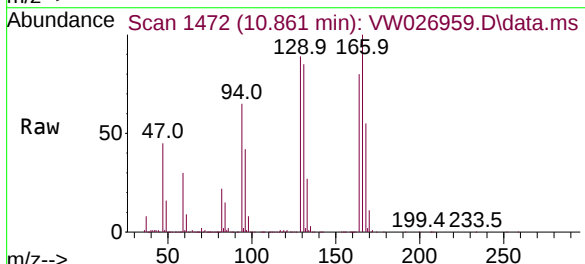
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

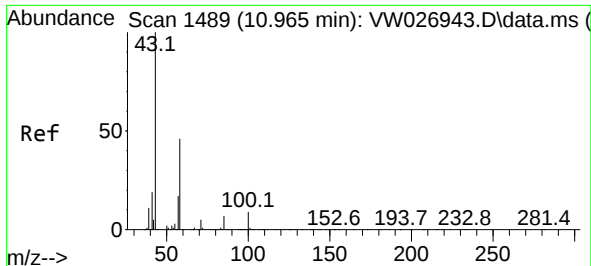
Tgt Ion: 97	Resp: 105239
Ion Ratio	Lower Upper
97 100	
99 60.5	44.2 82.0
83 86.9	61.9 114.9
85 55.0	40.0 74.2



#46
Tetrachloroethene
Concen: 23.056 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

Tgt	Ion:164	Resp:	97659
Ion	Ratio	Lower	Upper
164	100		
129	111.1	68.1	126.5
131	106.6	65.5	121.7
166	124.7	89.1	165.5

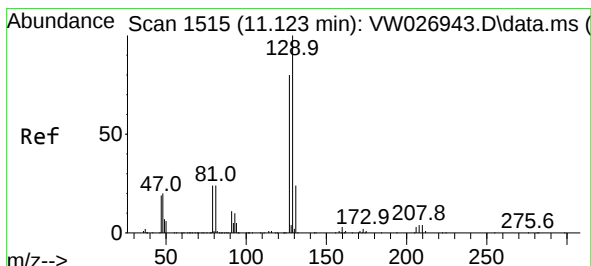
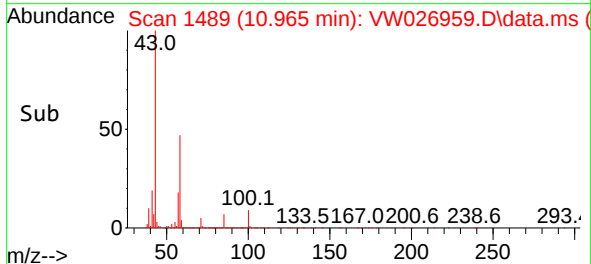
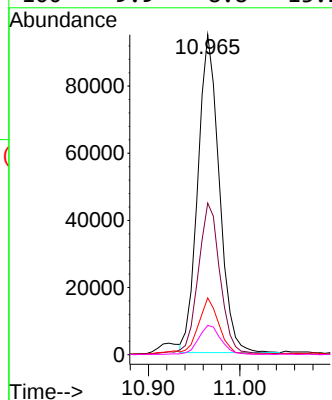
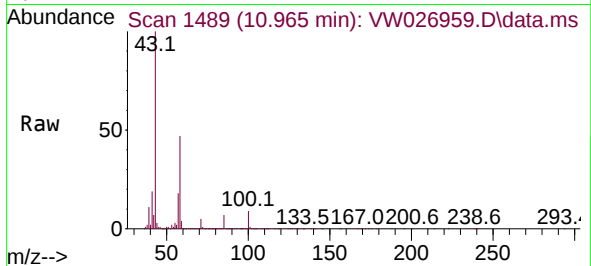




#48
2-Hexanone
Concen: 55.507 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

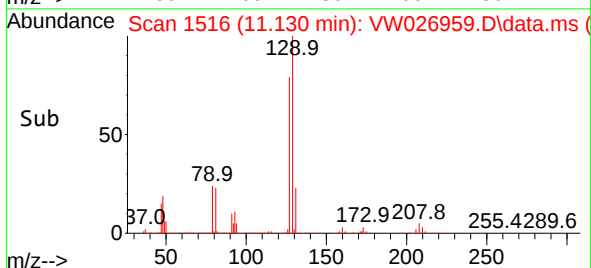
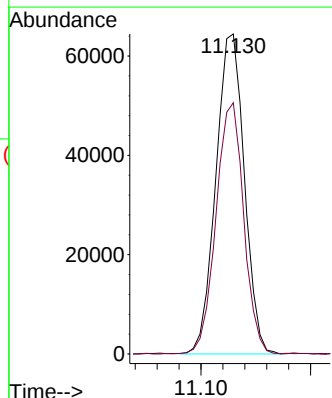
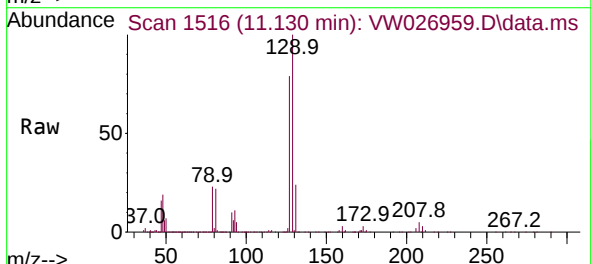
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

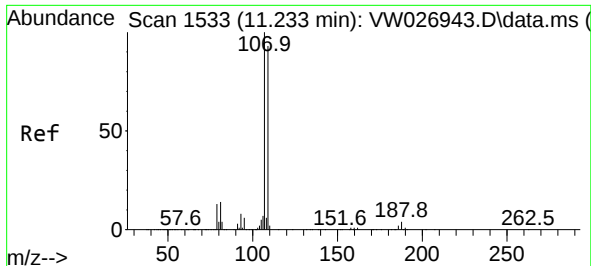
Tgt Ion: 43 Resp: 154047
Ion Ratio Lower Upper
43 100
58 48.7 41.1 61.7
57 16.5 14.3 21.5
100 9.9 8.8 13.2



#49
Dibromochloromethane
Concen: 25.980 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

Tgt Ion: 129 Resp: 116524
Ion Ratio Lower Upper
129 100
127 78.5 56.6 105.2





#50

1,2-Dibromoethane

Concen: 22.745 ug/L

RT: 11.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

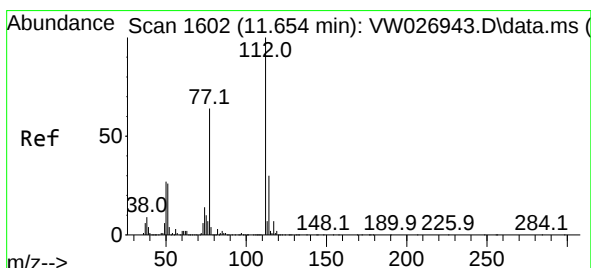
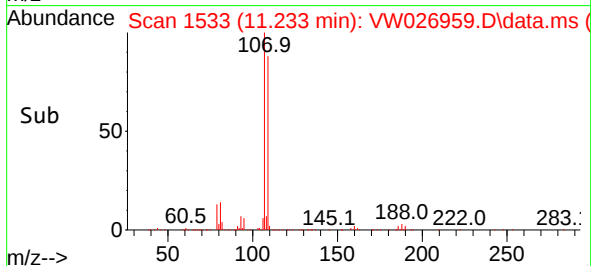
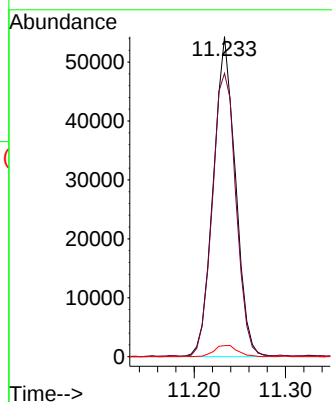
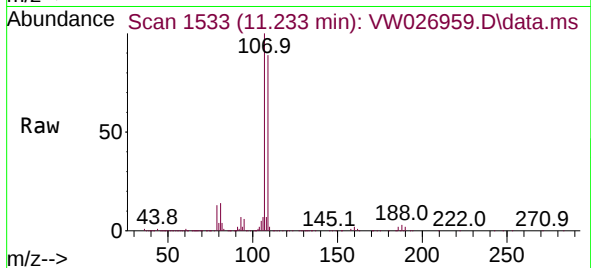
Tgt Ion:107 Resp: 91520

Ion Ratio Lower Upper

107 100

109 88.6 68.8 127.8

188 3.8 2.7 4.1



#51

Chlorobenzene

Concen: 23.739 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

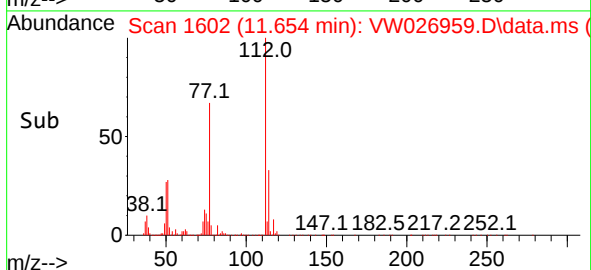
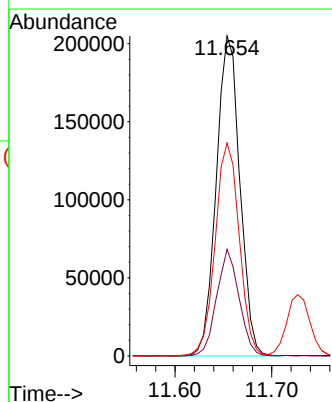
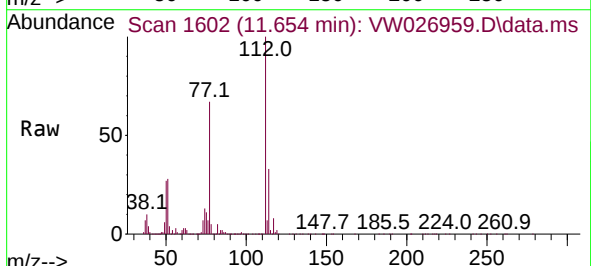
Tgt Ion:112 Resp: 347239

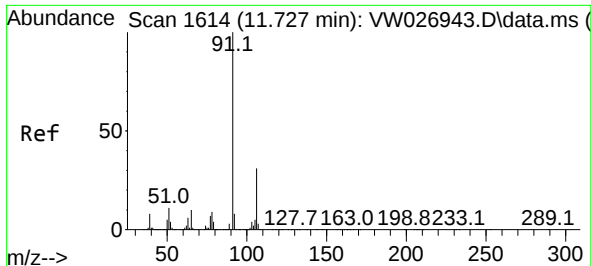
Ion Ratio Lower Upper

112 100

114 33.3 22.4 41.6

77 66.5 50.2 75.2

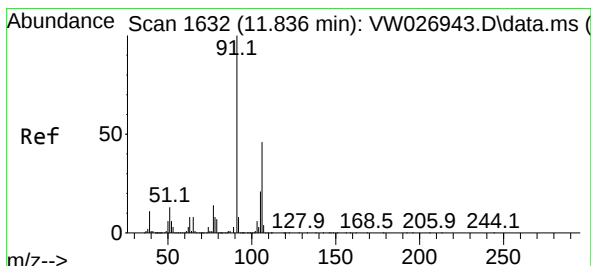
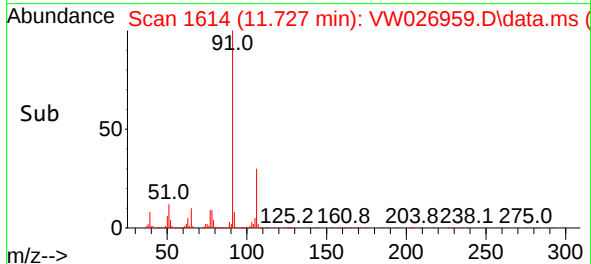
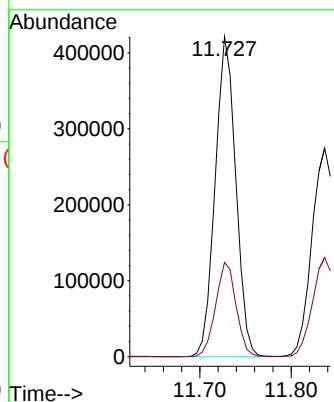
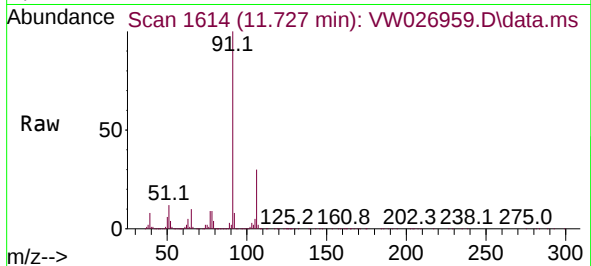




#52
Ethylbenzene
Concen: 25.440 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

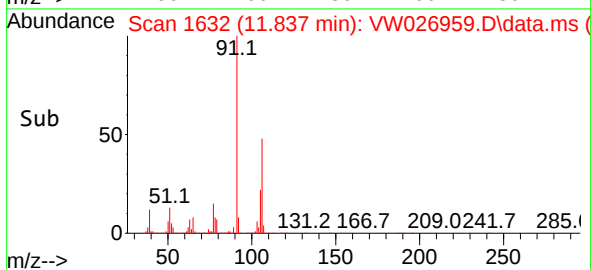
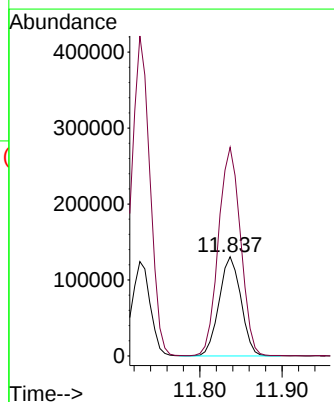
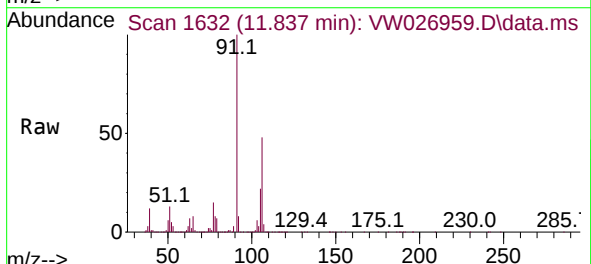
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

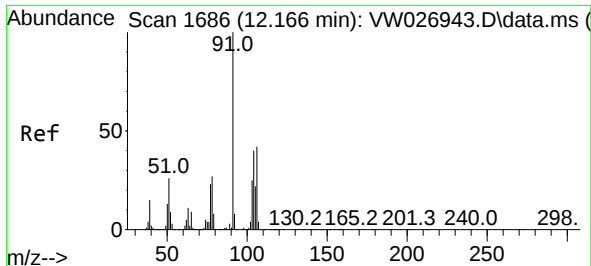
Tgt Ion: 91 Resp: 660645
Ion Ratio Lower Upper
91 100
106 29.5 20.2 37.6



#53
m,p-Xylene
Concen: 25.106 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

Tgt Ion: 106 Resp: 241534
Ion Ratio Lower Upper
106 100
91 210.3 152.9 284.1

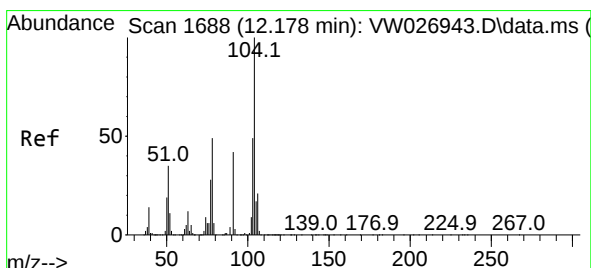
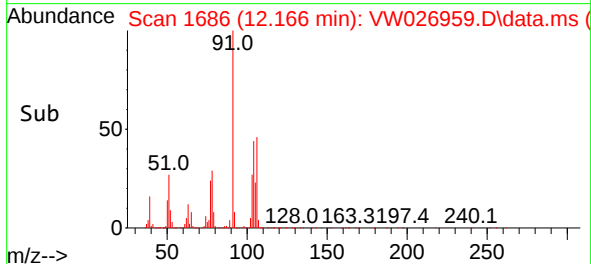
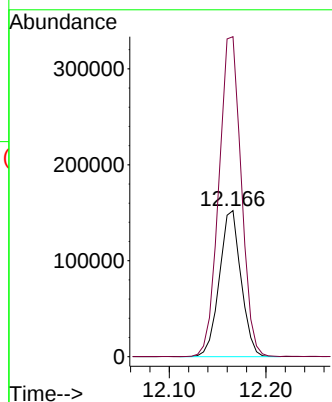
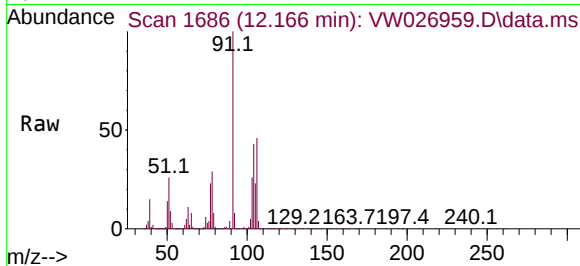




#54
o-Xylene
Concen: 26.330 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

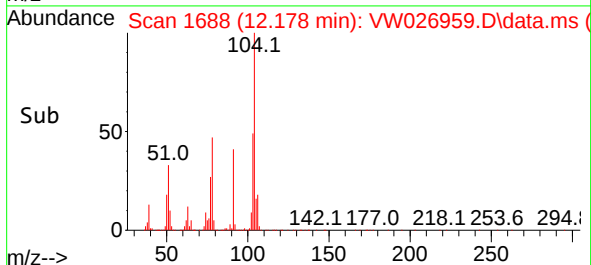
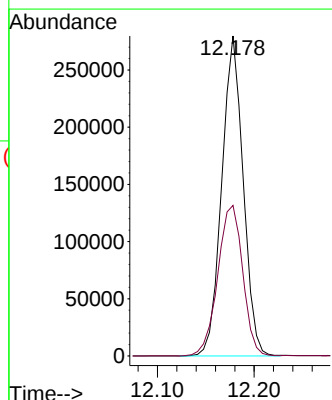
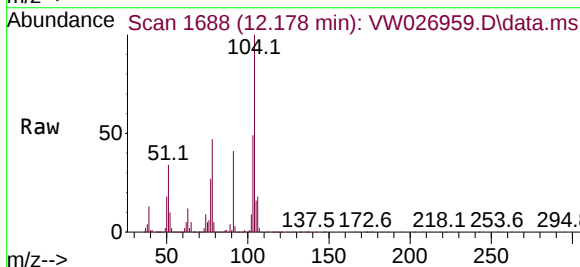
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

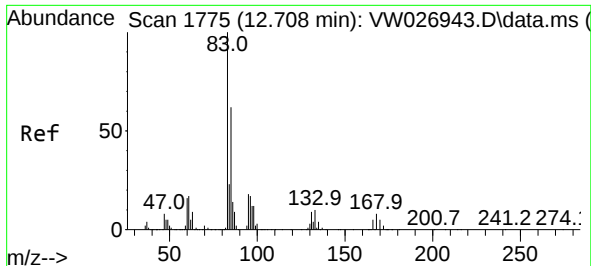
Tgt Ion:106 Resp: 236407
Ion Ratio Lower Upper
106 100
91 219.1 149.9 278.3



#55
Styrene
Concen: 27.495 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

Tgt Ion:104 Resp: 429241
Ion Ratio Lower Upper
104 100
78 47.0 33.0 61.2





#57

1,1,2-Tetrachloroethane

Concen: 25.419 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

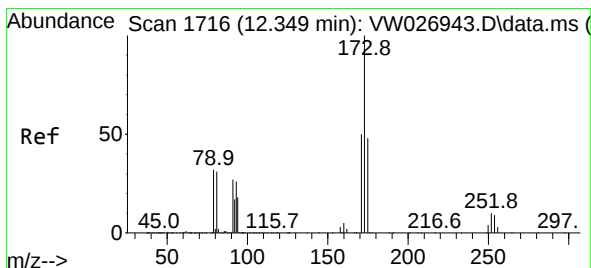
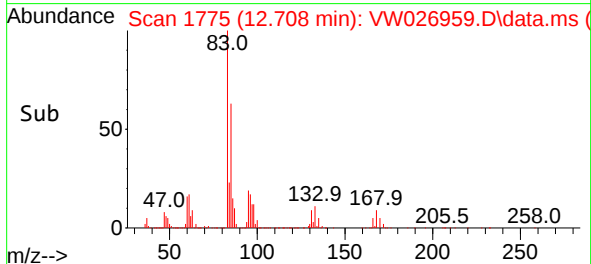
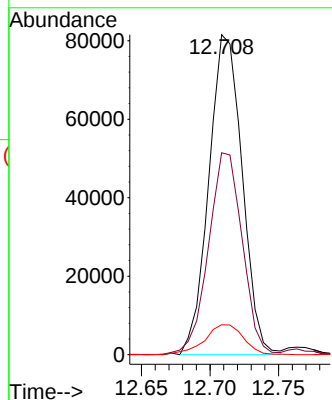
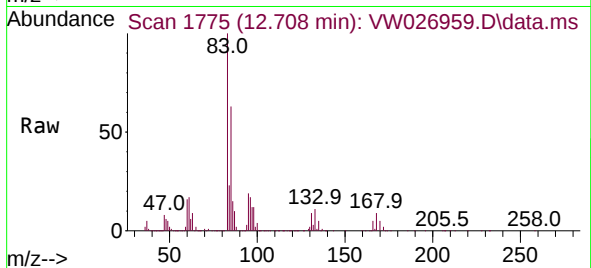
Tgt Ion: 83 Resp: 138048

Ion Ratio Lower Upper

83 100

85 63.1 44.9 83.3

131 9.4 7.4 11.0



#59

Bromoform

Concen: 23.943 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

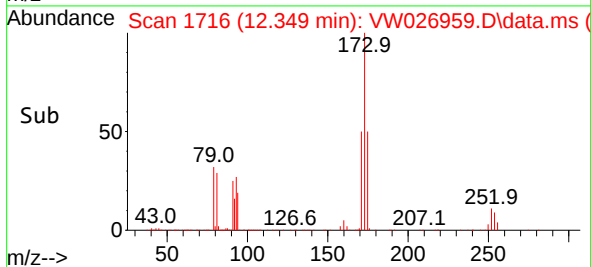
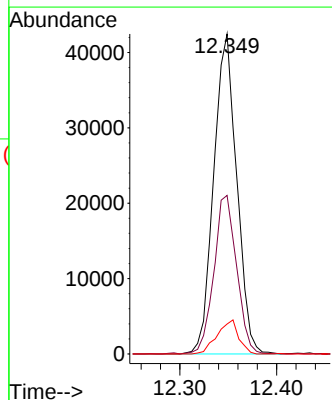
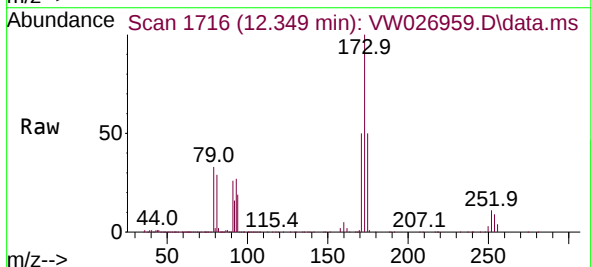
Tgt Ion: 173 Resp: 70120

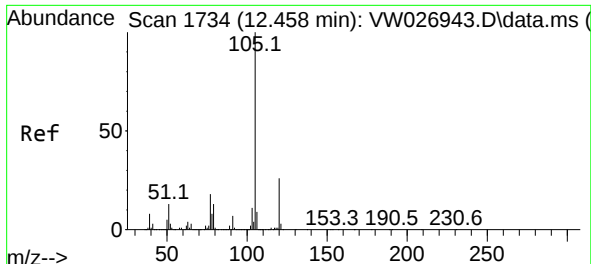
Ion Ratio Lower Upper

173 100

175 48.9 36.6 55.0

254 9.9 7.8 11.6

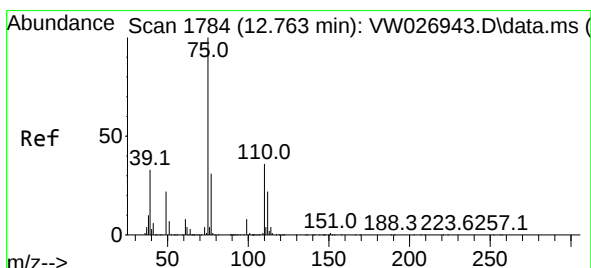
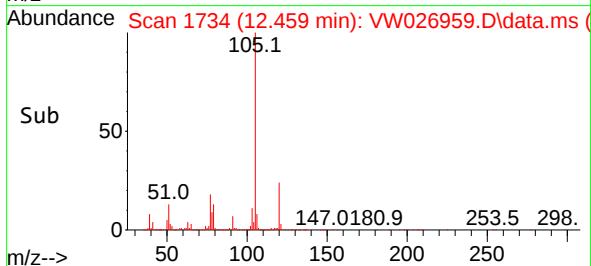
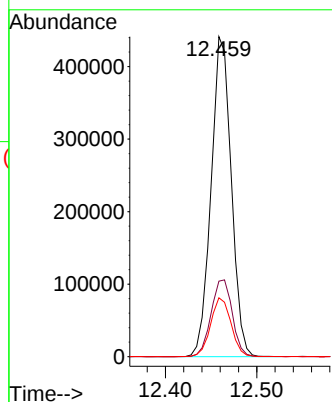
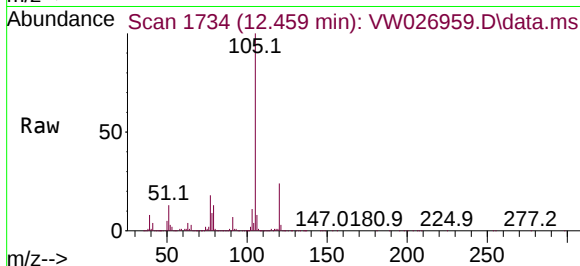




#60
Isopropylbenzene
Concen: 24.321 ug/L
RT: 12.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

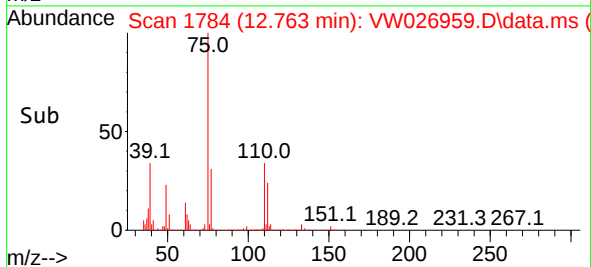
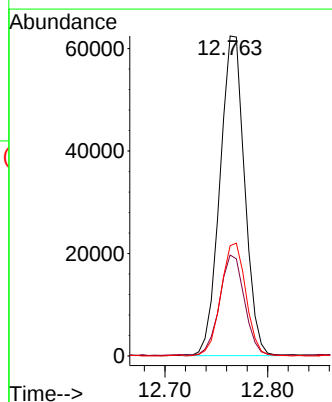
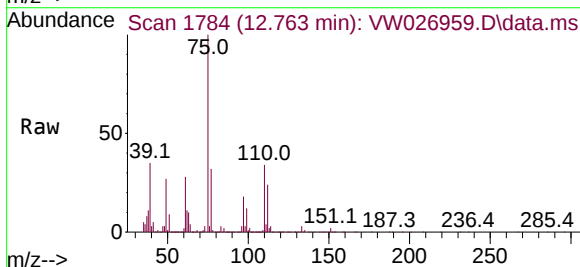
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

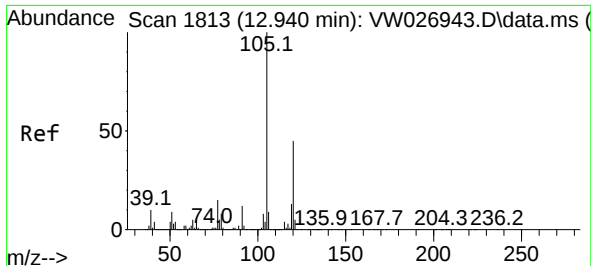
Tgt Ion:105 Resp: 675990
Ion Ratio Lower Upper
105 100
120 25.3 21.0 31.6
77 18.6 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 23.002 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

Tgt Ion: 75 Resp: 104309
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1
110 35.8 29.9 44.9

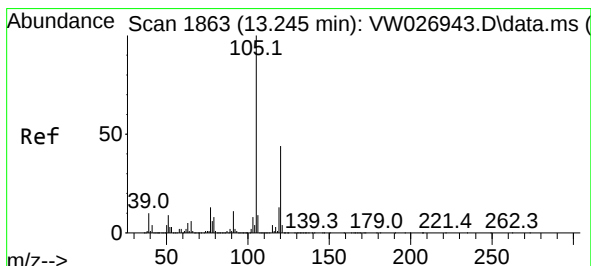
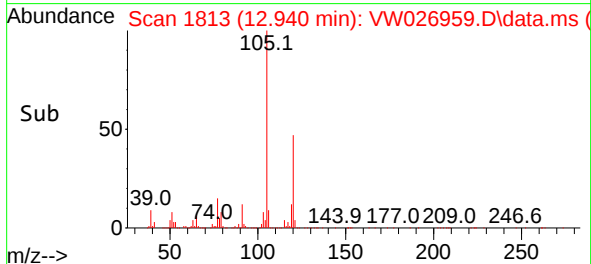
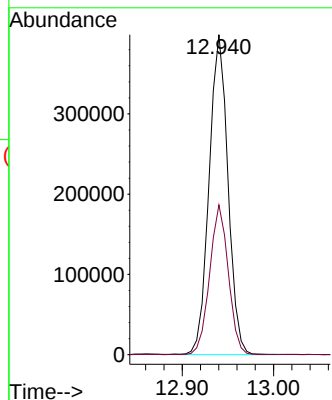
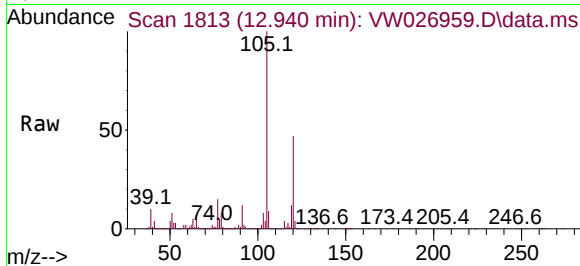




#62
1,3,5-Trimethylbenzene
Concen: 25.956 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

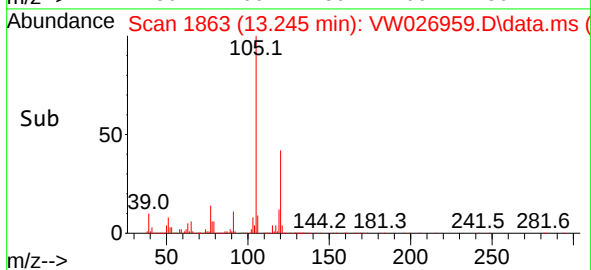
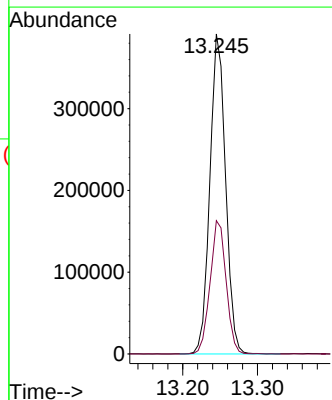
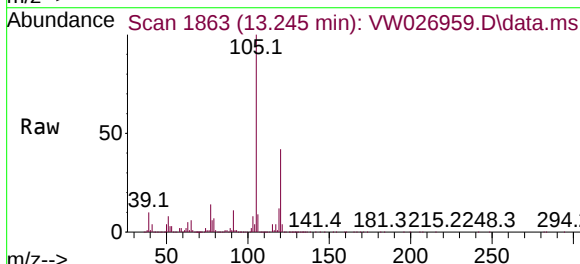
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

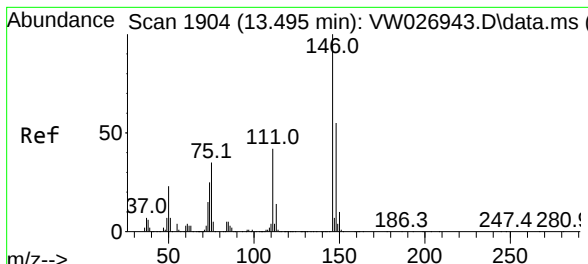
Tgt Ion:105 Resp: 570240
Ion Ratio Lower Upper
105 100
120 46.4 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 26.515 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

Tgt Ion:105 Resp: 570822
Ion Ratio Lower Upper
105 100
120 42.6 36.2 54.4

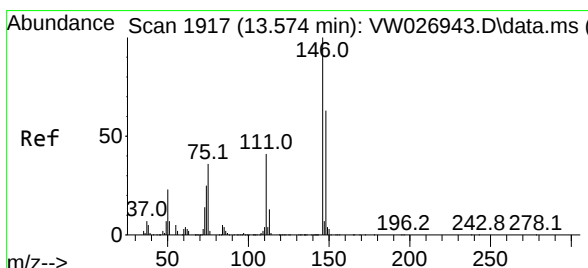
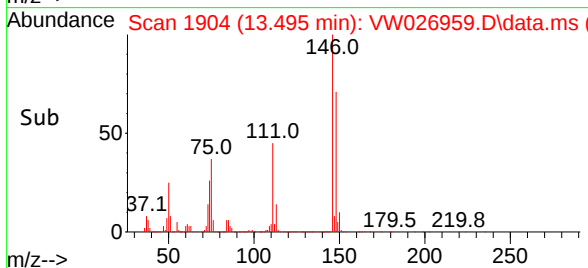
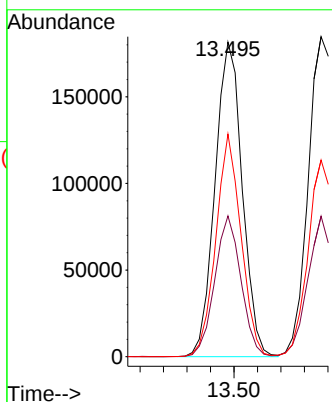
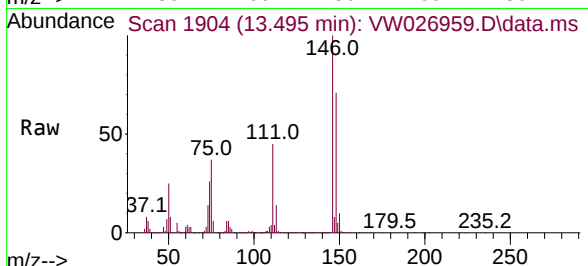




#64
1,3-Dichlorobenzene
Concen: 24.188 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

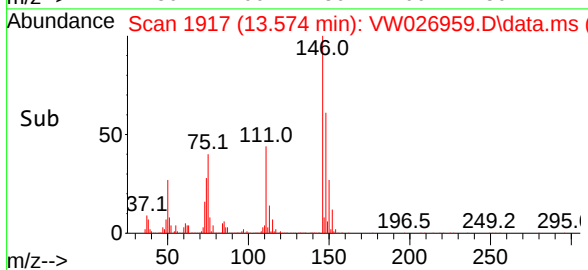
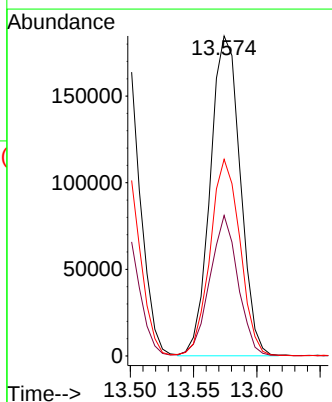
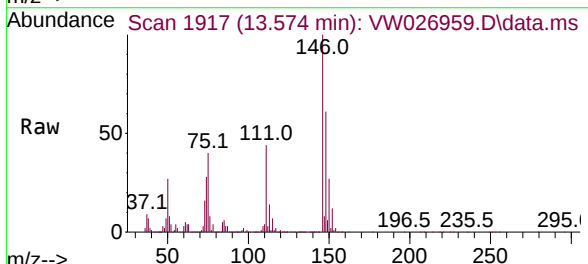
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

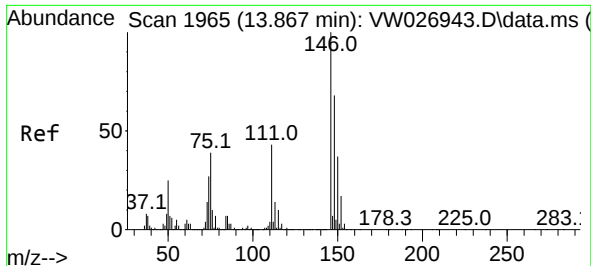
Tgt Ion:146 Resp: 292380
Ion Ratio Lower Upper
146 100
111 44.8 29.1 54.1
148 70.7 38.8 72.0



#65
1,4-Dichlorobenzene
Concen: 24.154 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

Tgt Ion:146 Resp: 304700
Ion Ratio Lower Upper
146 100
111 43.9 28.3 52.7
148 61.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 24.824 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

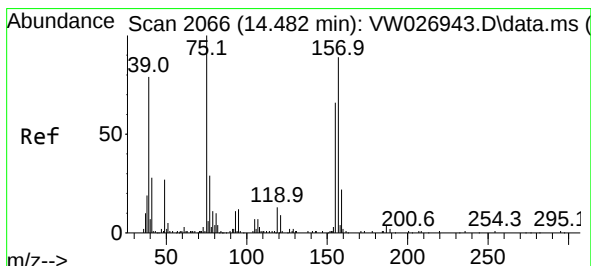
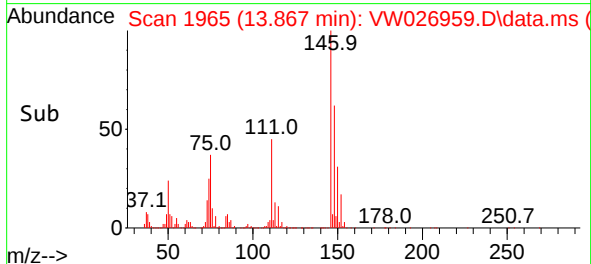
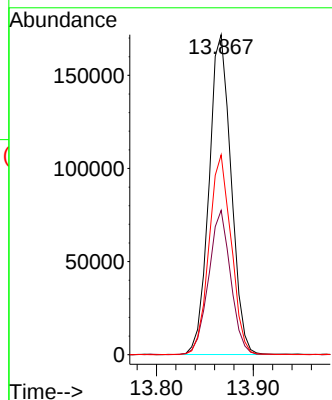
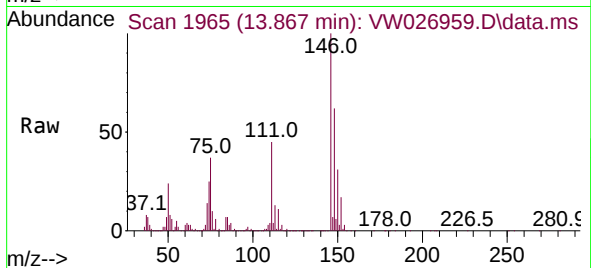
Tgt Ion:146 Resp: 272871

Ion Ratio Lower Upper

146 100

111 45.1 34.6 52.0

148 62.4 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.309 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

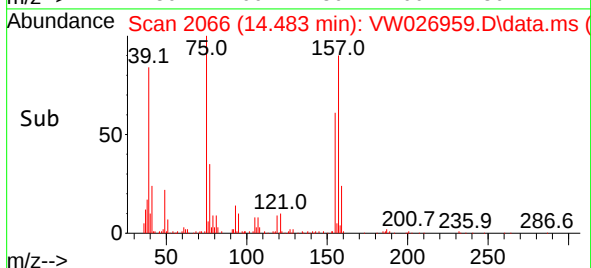
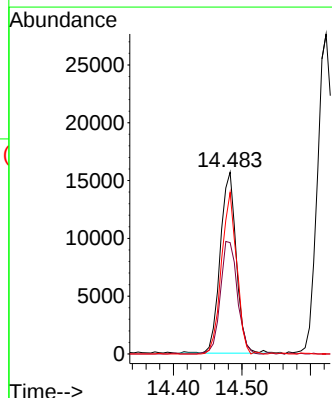
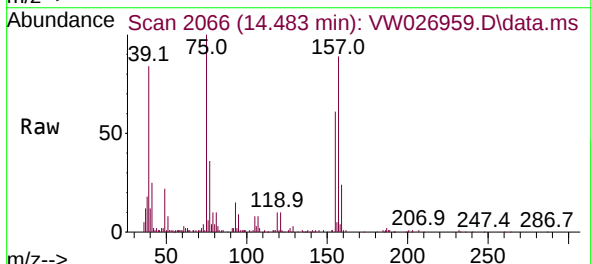
Tgt Ion: 75 Resp: 25483

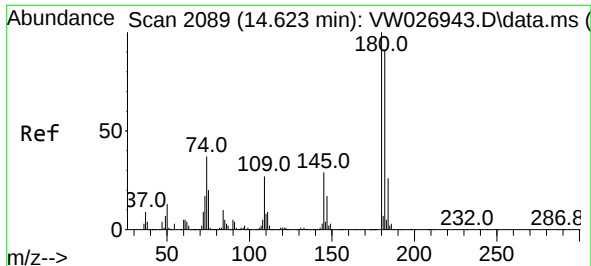
Ion Ratio Lower Upper

75 100

155 61.3 55.0 82.6

157 89.0 77.8 116.6

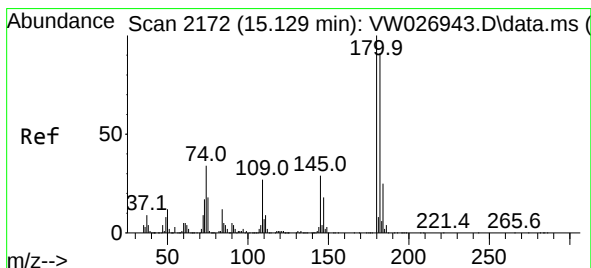
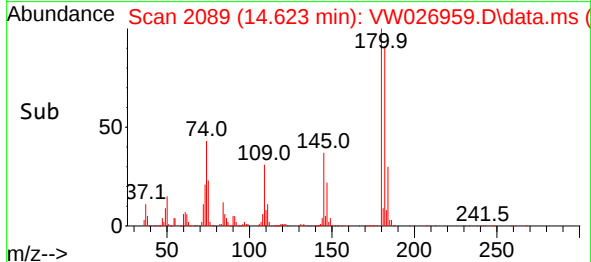
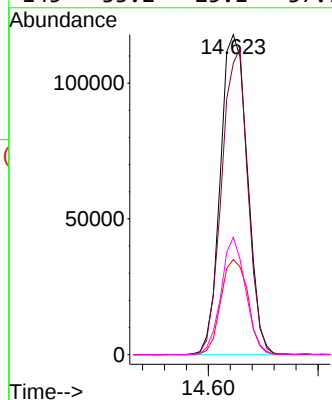
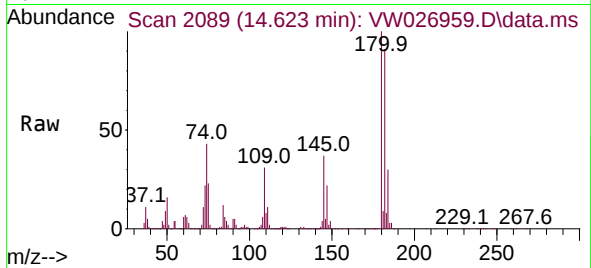




#69
1,3,5-Trichlorobenzene
Concen: 24.728 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

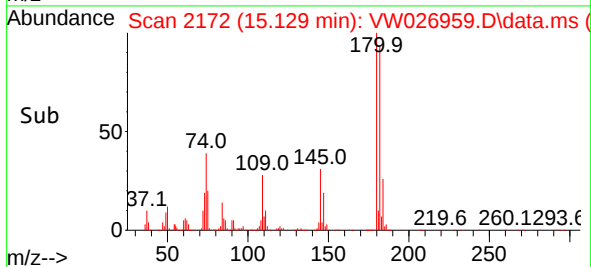
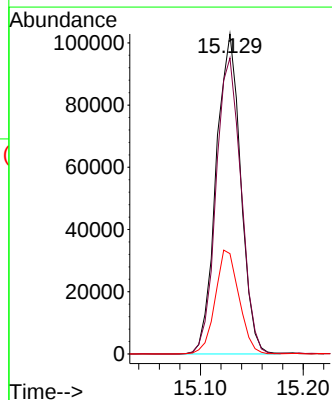
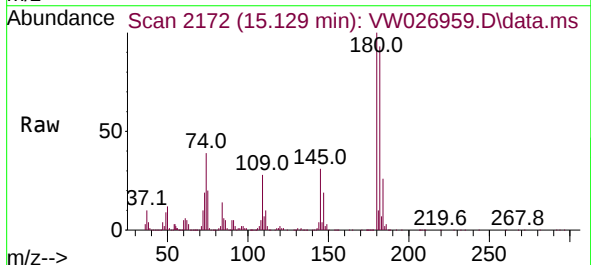
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

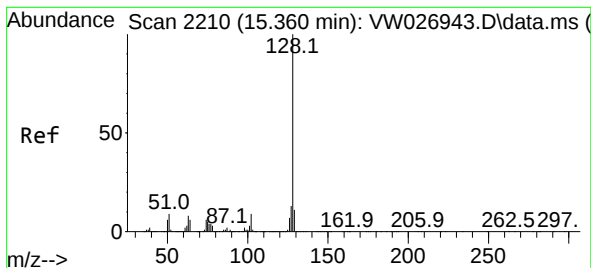
Tgt Ion:180 Resp: 201949
Ion Ratio Lower Upper
180 100
182 92.5 75.2 112.8
184 29.9 23.8 35.8
145 33.2 25.1 37.7



#70
1,2,4-trichlorobenzene
Concen: 24.610 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW026959.D
Acq: 30 Aug 2023 10:18

Tgt Ion:180 Resp: 170406
Ion Ratio Lower Upper
180 100
182 94.3 72.5 108.7
145 31.5 24.7 37.1





#71

Naphthalene

Concen: 25.331 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

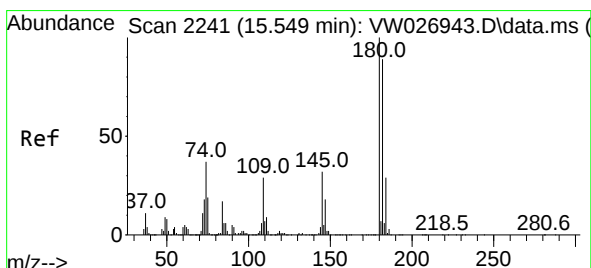
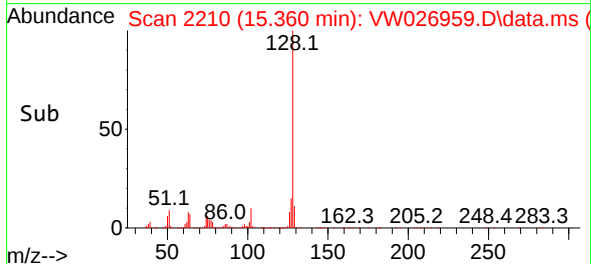
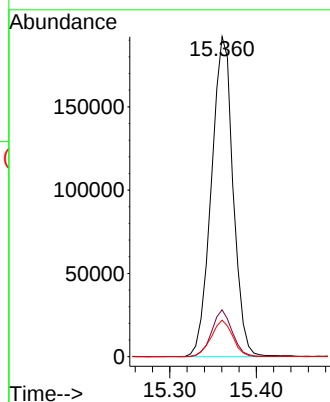
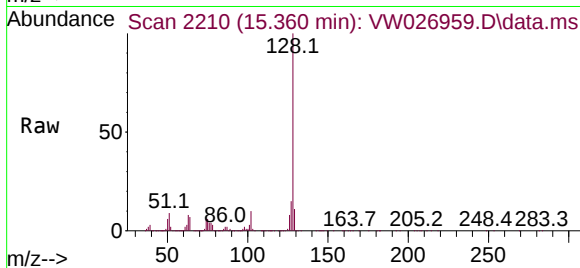
Tgt Ion:128 Resp: 334570

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 11.3 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 25.843 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026959.D

Acq: 30 Aug 2023 10:18

Tgt Ion:180 Resp: 161396

Ion Ratio Lower Upper

180 100

182 94.3 74.6 112.0

145 33.2 27.0 40.6

