

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081623\
 Data File : VW026751.D
 Acq On : 16 Aug 2023 09:20
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025581

Quant Time: Aug 17 01:25:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 16 01:29:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	499620	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	505434	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	264400	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	147359	17.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.760%
7) Chloroethane-d5	2.893	69	125117	20.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.960%
11) 1,1-Dichloroethene-d2	4.027	65	85510	21.168	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.680%
21) 2-Butanone-d5	7.075	46	99526	42.161	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.320%
24) Chloroform-d	7.648	84	430360	25.665	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.640%
26) 1,2-Dichloroethane-d4	8.307	65	231217	24.986	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.960%
32) Benzene-d6	8.270	84	828550	23.786	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.160%
36) 1,2-Dichloropropane-d6	9.270	67	260750	24.031	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.120%
41) Toluene-d8	10.325	98	737566	24.666	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.680%
43) trans-1,3-Dichloroprop...	10.575	79	99274	22.159	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.640%
47) 2-Hexanone-d5	10.922	63	54081	47.434	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	213093	24.868	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	240012	25.362	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	154404	22.730	ug/L	94
3) Chloromethane	2.222	50	174975	18.838	ug/L	100
5) Vinyl chloride	2.375	62	194814	21.939	ug/L	100
6) Bromomethane	2.783	94	109497	21.165	ug/L	94
8) Chloroethane	2.930	64	112936	21.226	ug/L	99
9) Trichlorofluoromethane	3.265	101	166216	22.809	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	192434	24.447	ug/L	99
12) 1,1-Dichloroethene	4.045	96	171831	23.268	ug/L	93
13) Acetone	4.125	43	105202	44.821	ug/L	96
14) Carbon disulfide	4.393	76	621602	23.397	ug/L	99
15) Methyl Acetate	4.667	43	92270	19.625	ug/L	99
16) Methylene chloride	4.911	84	200171	20.712	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	188933	22.927	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	273897	21.967	ug/L	99
19) 1,1-Dichloroethane	6.210	63	402764	23.747	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	204259	23.060	ug/L	98
22) 2-Butanone	7.167	43	135188	39.083	ug/L	98
23) Bromochloromethane	7.508	128	91070	23.802	ug/L	98
25) Chloroform	7.679	83	391160	23.873	ug/L	99

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 Response via : Initial Calibration

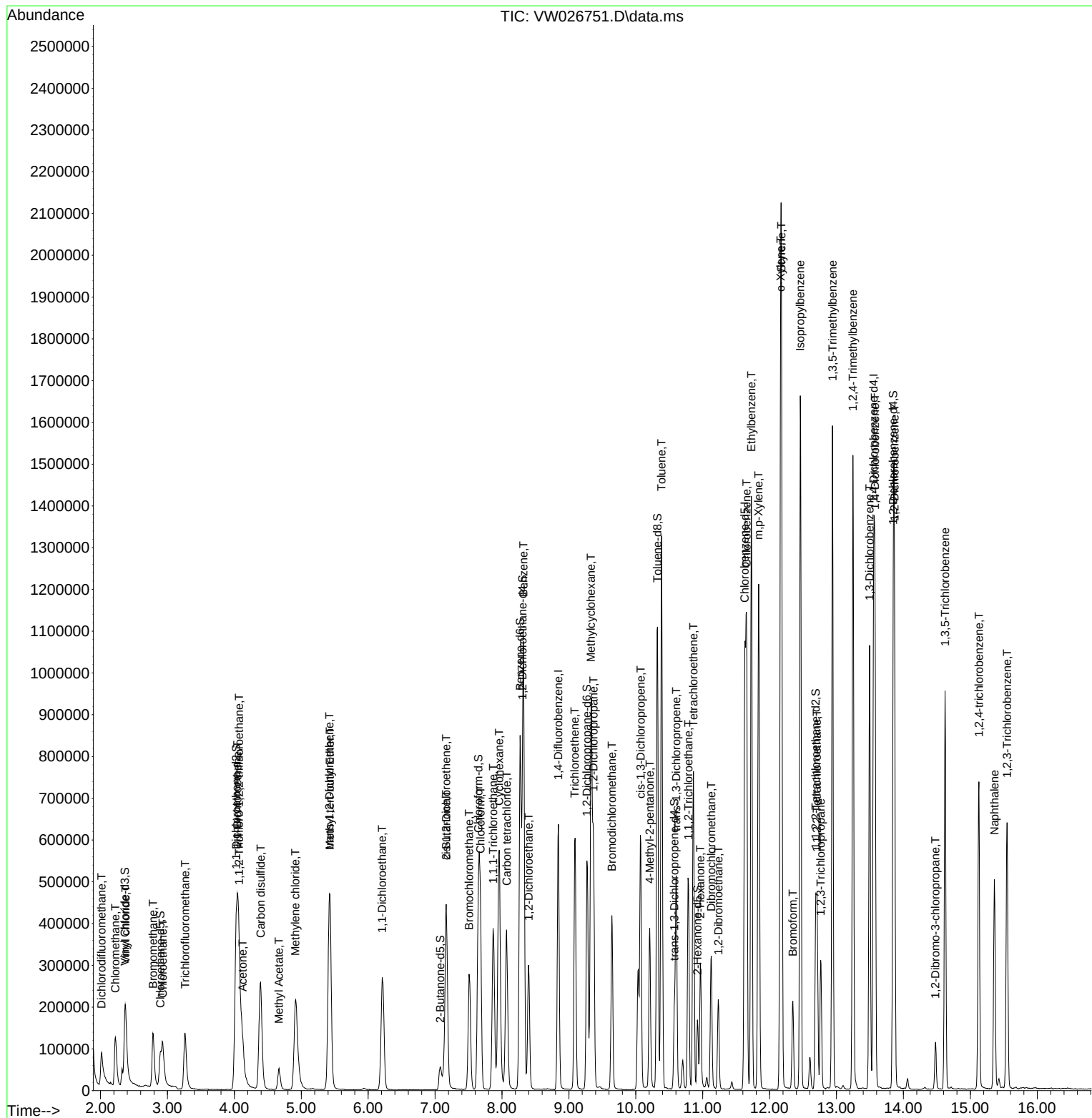
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	268176	23.461	ug/L	99
29) Cyclohexane	7.959	56	335508	21.465	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	316534	23.996	ug/L	99
31) Carbon tetrachloride	8.069	117	286275	23.736	ug/L	95
33) Benzene	8.319	78	869907	23.634	ug/L	100
34) Trichloroethene	9.087	95	216188	23.062	ug/L	96
35) Methylcyclohexane	9.331	83	361593	22.547	ug/L	99
37) 1,2-Dichloropropane	9.367	63	222156	22.035	ug/L	98
38) Bromodichloromethane	9.642	83	272364	23.029	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	347997	23.994	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	263424	40.169	ug/L	99
42) Toluene	10.386	91	926863	24.893	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	280642	22.481	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	154616	22.424	ug/L	98
46) Tetrachloroethene	10.861	164	163090	23.947	ug/L	94
48) 2-Hexanone	10.965	43	193650	43.397	ug/L	99
49) Dibromochloromethane	11.129	129	169705	23.533	ug/L	89
50) 1,2-Dibromoethane	11.233	107	142722	22.060	ug/L	98
51) Chlorobenzene	11.654	112	559847	23.804	ug/L	99
52) Ethylbenzene	11.727	91	943741	22.602	ug/L	100
53) m,p-Xylene	11.837	106	364053	23.535	ug/L	96
54) o-Xylene	12.166	106	347019	24.037	ug/L	95
55) Styrene	12.178	104	623829	24.852	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	187810	21.508	ug/L	98
59) Bromoform	12.349	173	96475	23.293	ug/L	97
60) Isopropylbenzene	12.458	105	1027171	26.130	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	134161	20.918	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	779285	25.081	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	781247	25.659	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	407307	23.825	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	422635	23.689	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	380519	24.477	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	29931	19.358	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	264602	22.909	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	221194	22.588	ug/L	96
71) Naphthalene	15.360	128	409049	21.898	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	200044	22.648	ug/L	99

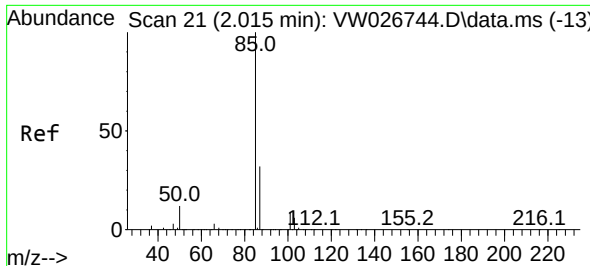
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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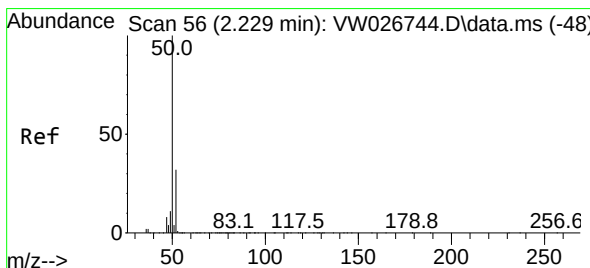
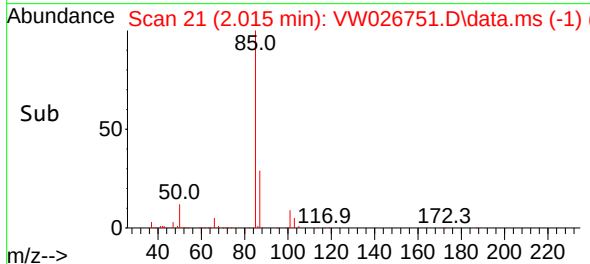
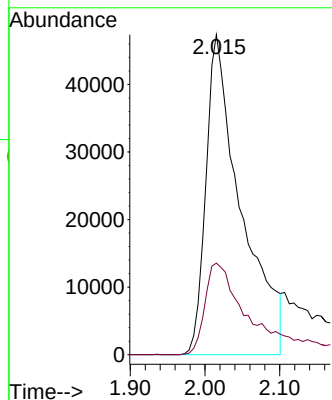
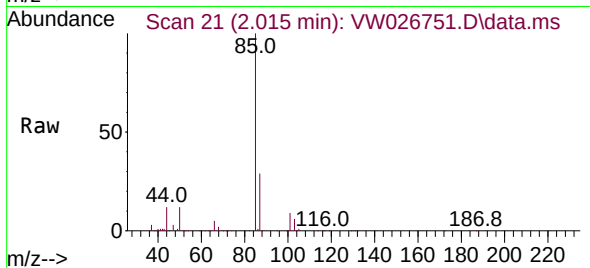




#2
 Dichlorodifluoromethane
 Concen: 22.730 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026751.D
 Acq: 16 Aug 2023 09:20

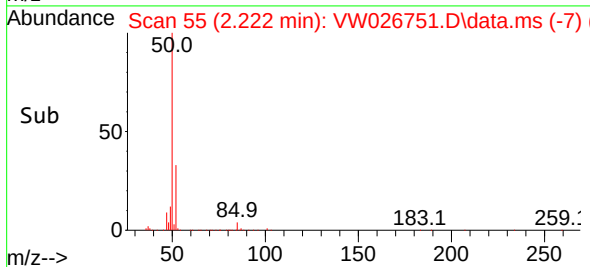
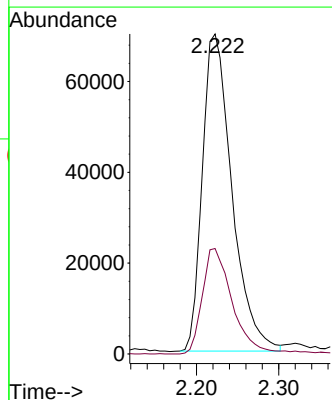
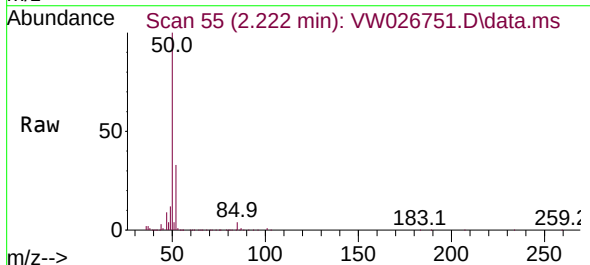
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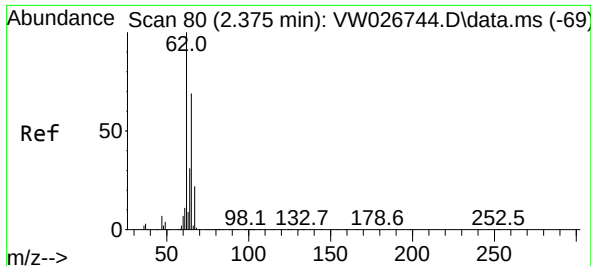
Tgt Ion: 85 Resp: 154404
 Ion Ratio Lower Upper
 85 100
 87 27.6 19.5 29.3



#3
 Chloromethane
 Concen: 18.838 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026751.D
 Acq: 16 Aug 2023 09:20

Tgt Ion: 50 Resp: 174975
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.8

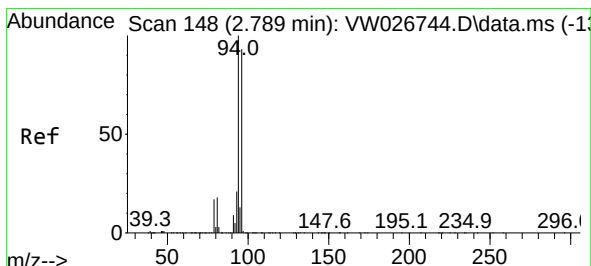
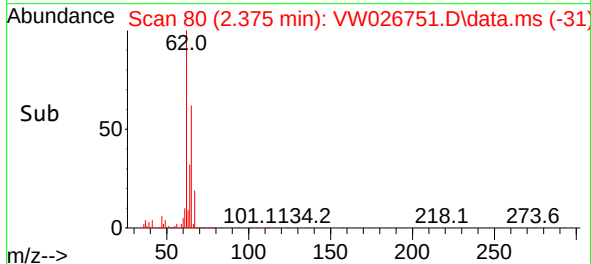
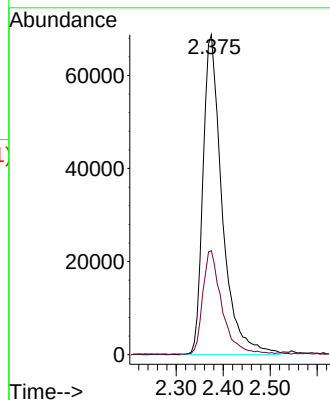
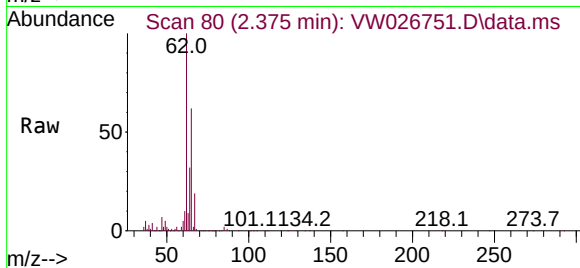




#5
 Vinyl chloride
 Concen: 21.939 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026751.D
 Acq: 16 Aug 2023 09:20

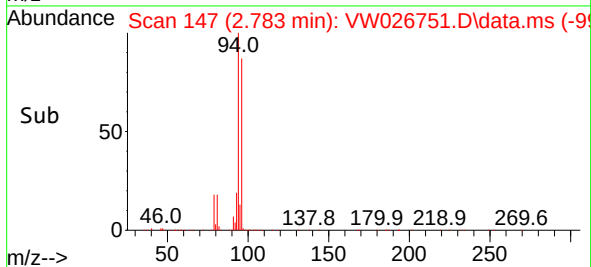
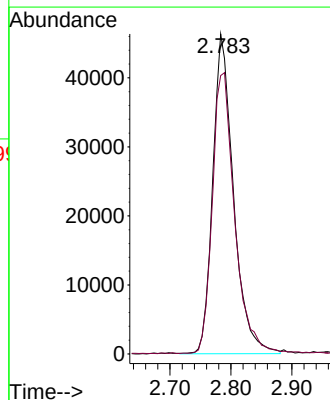
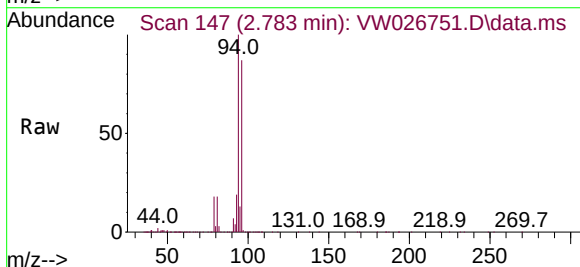
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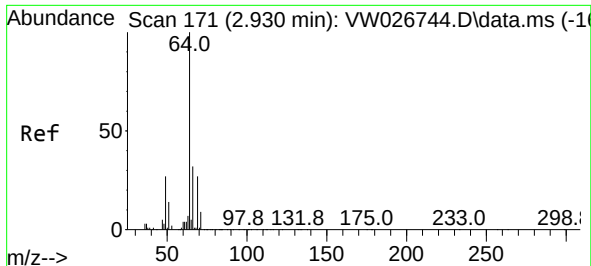
Tgt Ion: 62 Resp: 194814
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 21.165 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026751.D
 Acq: 16 Aug 2023 09:20

Tgt Ion: 94 Resp: 109497
 Ion Ratio Lower Upper
 94 100
 96 87.0 64.8 120.3

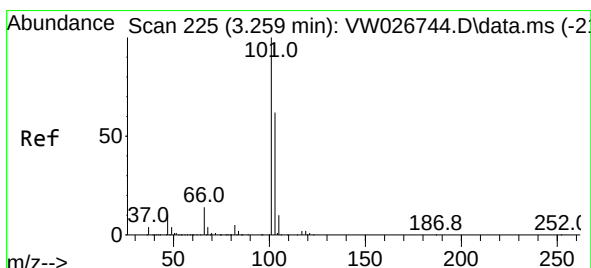
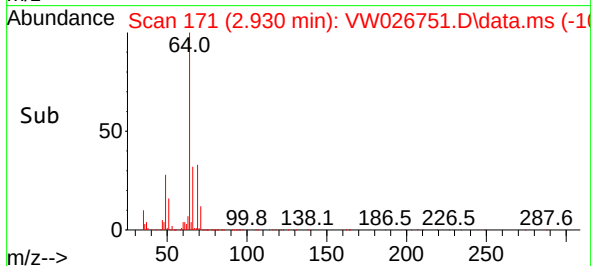
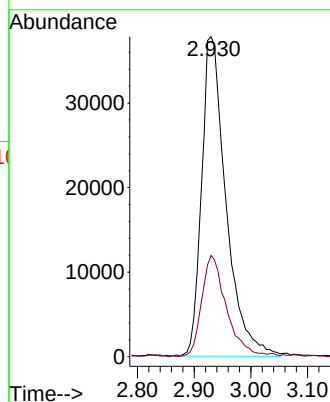
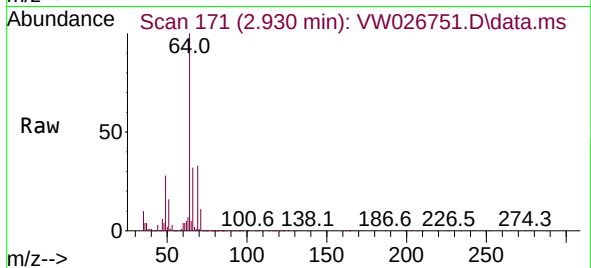




#8
Chloroethane
Concen: 21.226 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

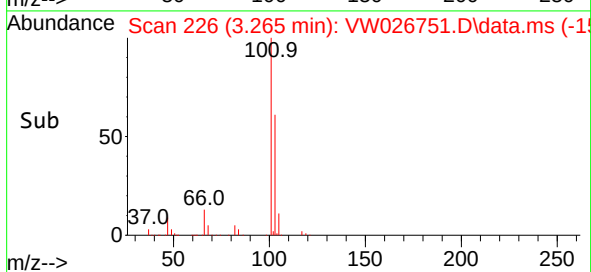
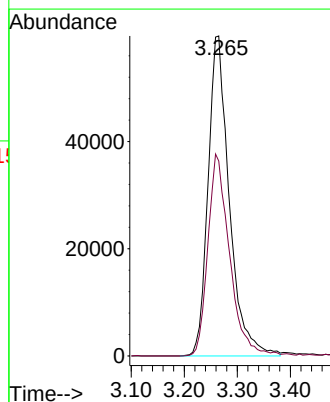
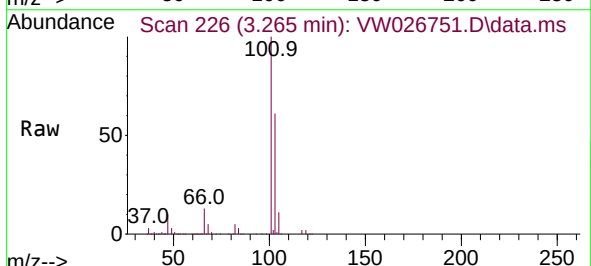
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ClientSampleId :
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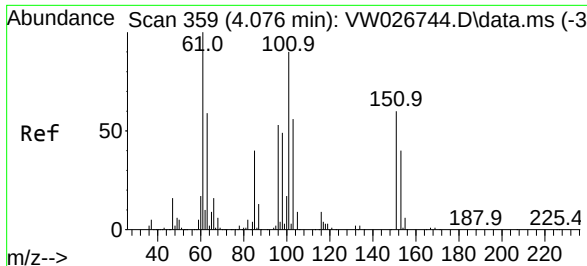
Tgt Ion: 64 Resp: 112936
Ion Ratio Lower Upper
64 100
66 31.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.809 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

Tgt Ion: 101 Resp: 166216
Ion Ratio Lower Upper
101 100
103 64.0 51.9 77.9

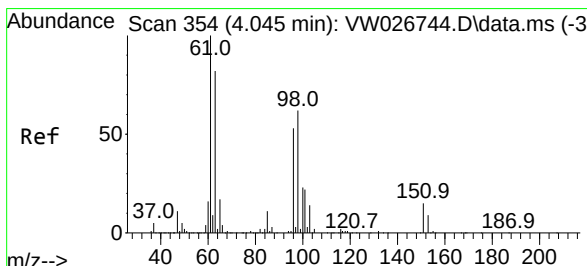
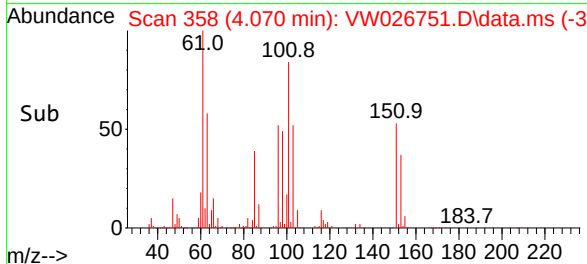
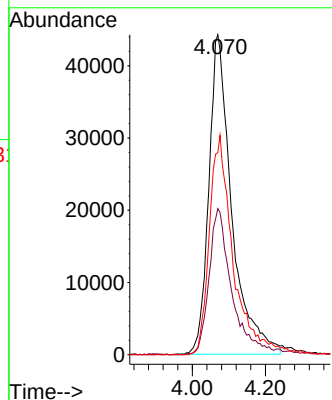
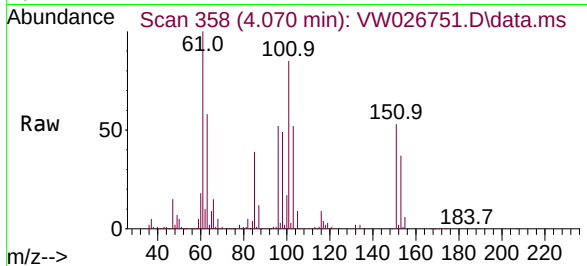




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.447 ug/L
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

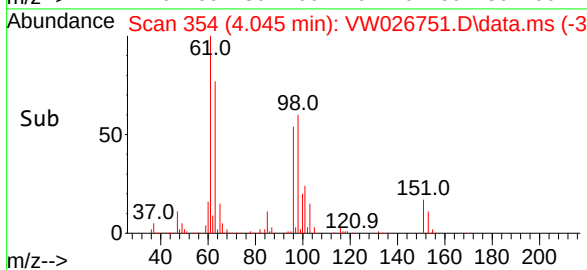
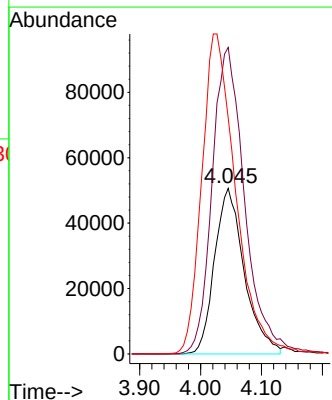
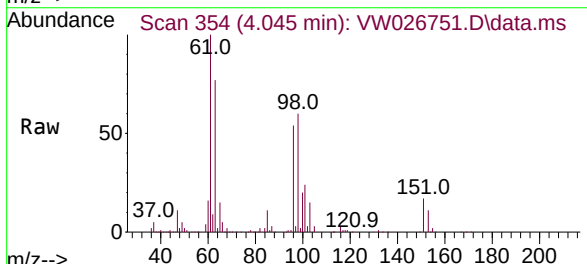
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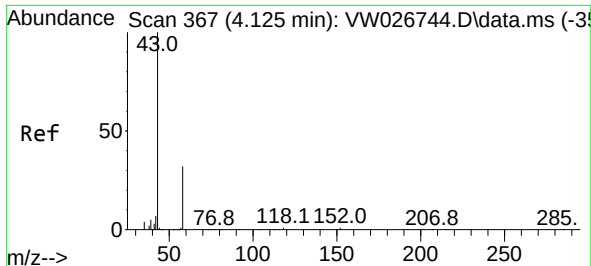
Tgt Ion:101 Resp: 192434
Ion Ratio Lower Upper
101 100
85 43.0 32.8 49.2
151 67.9 54.4 81.6



#12
1,1-Dichloroethene
Concen: 23.268 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

Tgt Ion: 96 Resp: 171831
Ion Ratio Lower Upper
96 100
61 185.1 133.2 247.4
63 142.4 109.0 202.4

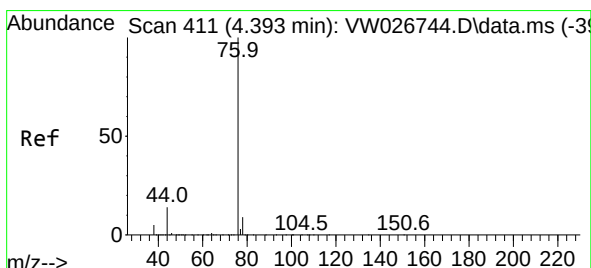
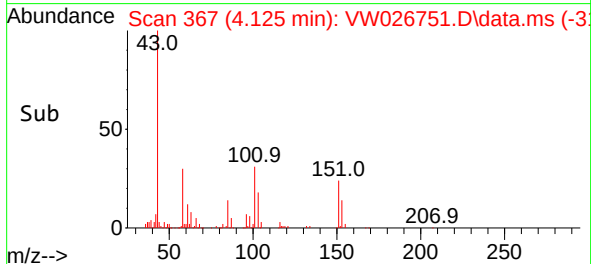
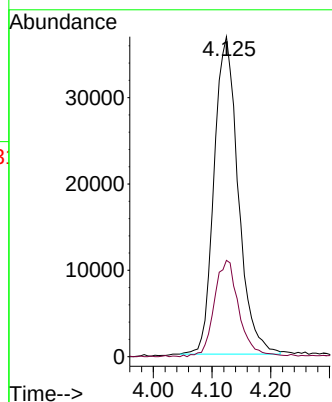
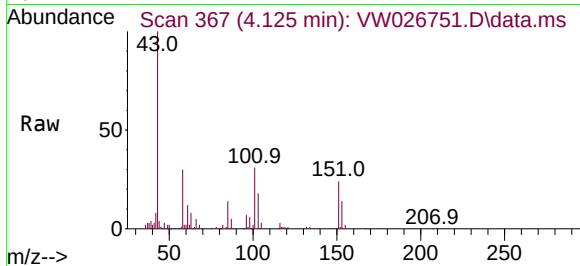




#13
Acetone
Concen: 44.821 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

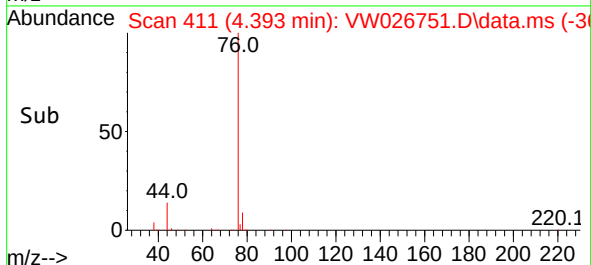
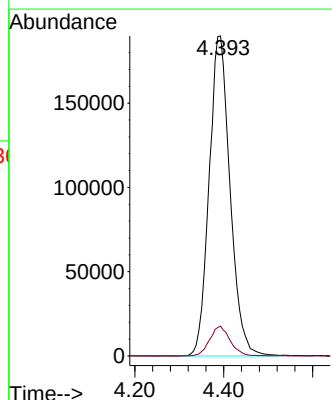
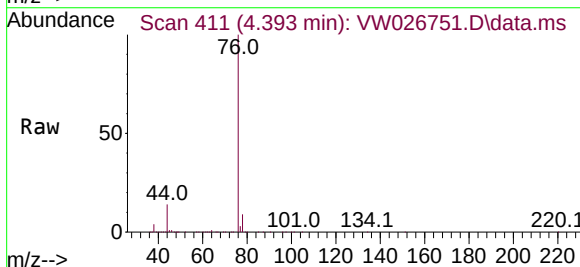
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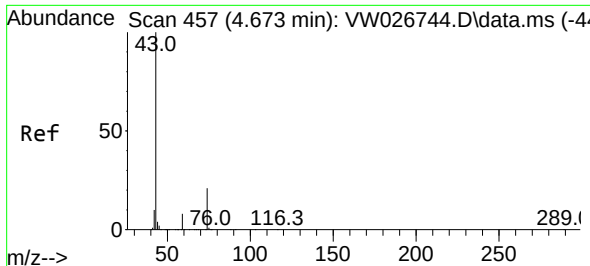
Tgt Ion: 43 Resp: 105202
Ion Ratio Lower Upper
43 100
58 31.0 0.0 57.4



#14
Carbon disulfide
Concen: 23.397 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW026751.D
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Tgt Ion: 76 Resp: 621602
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

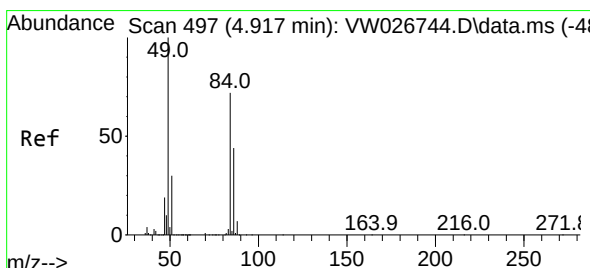
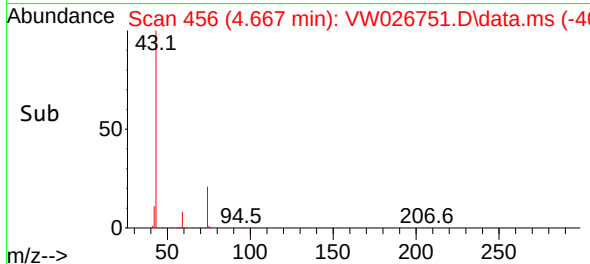
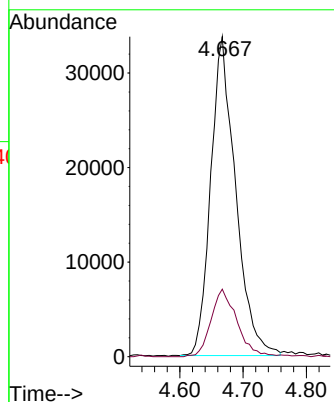
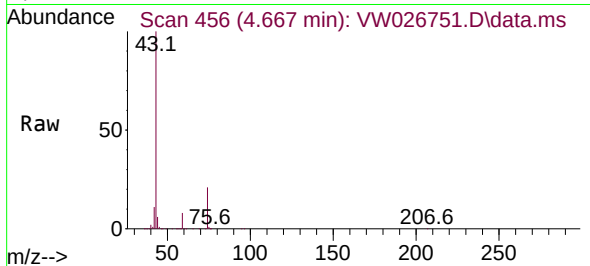




#15
Methyl Acetate
Concen: 19.625 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

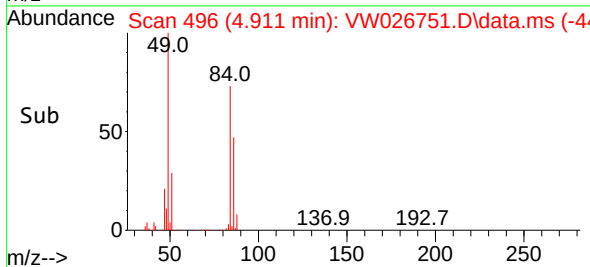
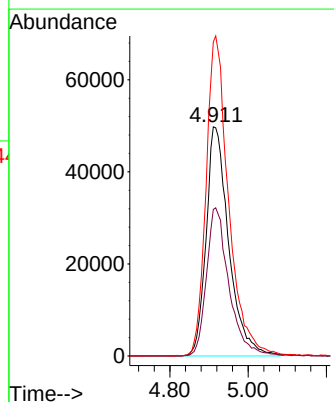
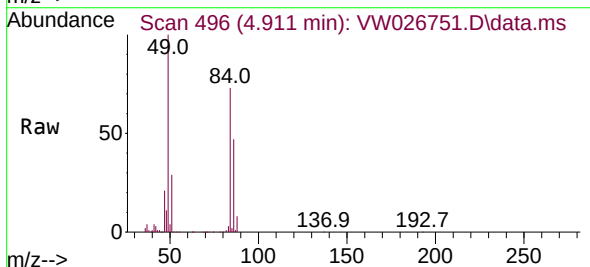
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

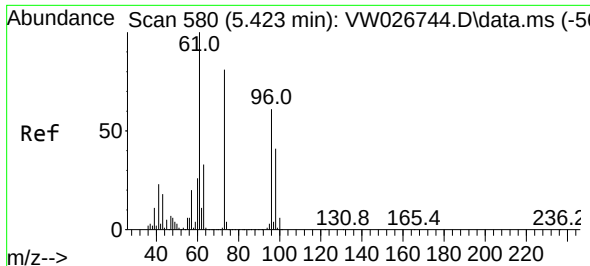
Tgt Ion: 43 Resp: 92270
Ion Ratio Lower Upper
43 100
74 21.0 16.4 24.6



#16
Methylene chloride
Concen: 20.712 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

Tgt Ion: 84 Resp: 200171
Ion Ratio Lower Upper
84 100
86 64.0 43.5 80.9
49 137.0 96.0 178.2

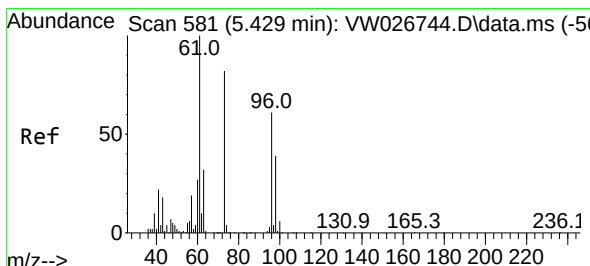
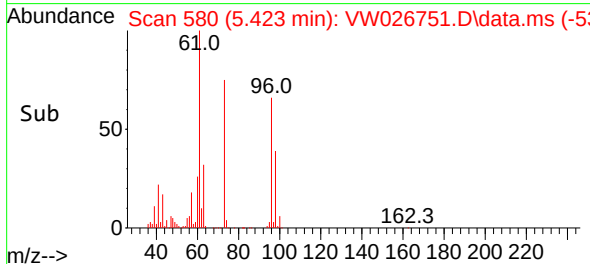
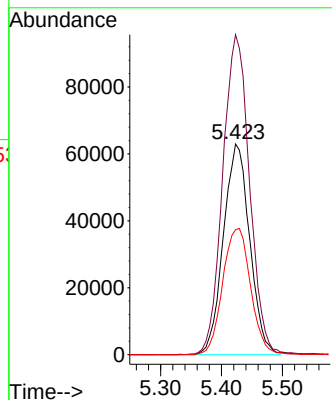
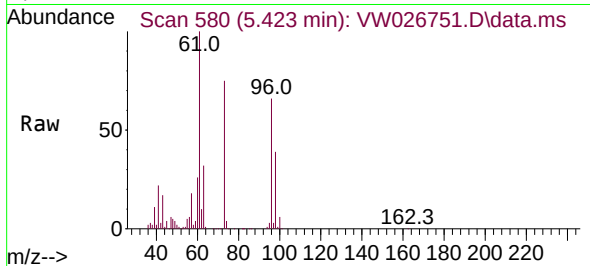




#17
trans-1,2-Dichloroethene
Concen: 22.927 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

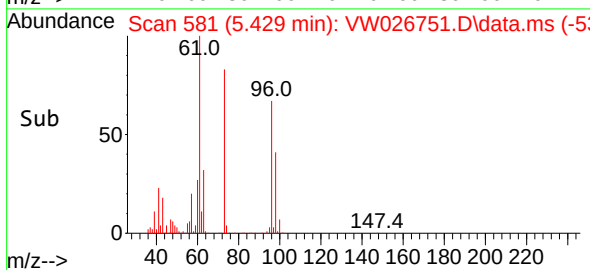
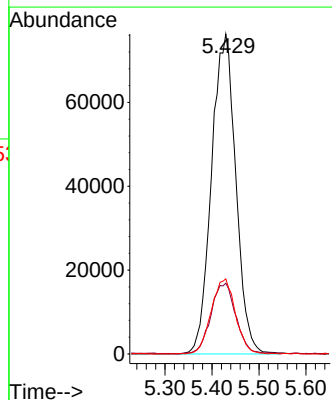
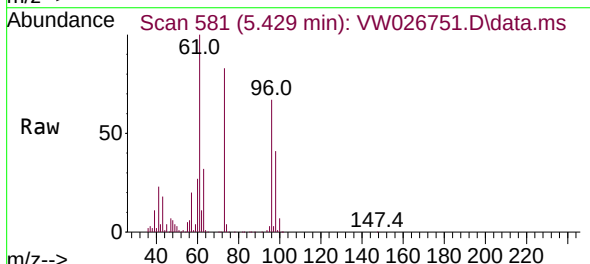
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

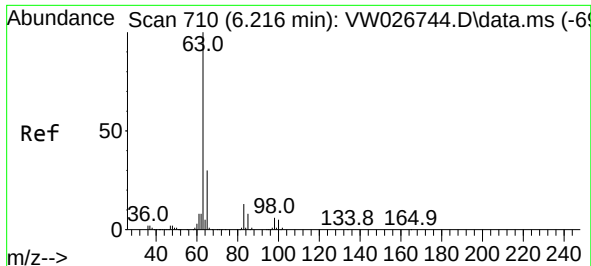
Tgt Ion: 96 Resp: 188933
Ion Ratio Lower Upper
96 100
61 151.9 109.4 203.2
98 59.3 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 21.967 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

Tgt Ion: 73 Resp: 273897
Ion Ratio Lower Upper
73 100
43 22.5 18.0 27.0
57 23.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.747 ug/L

RT: 6.210 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

Instrument :

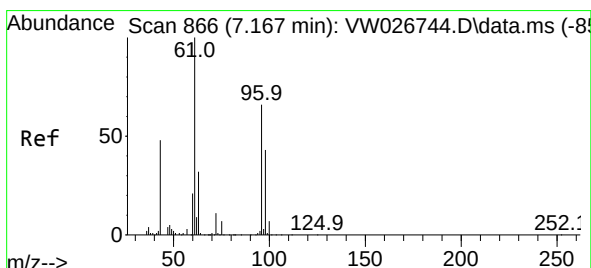
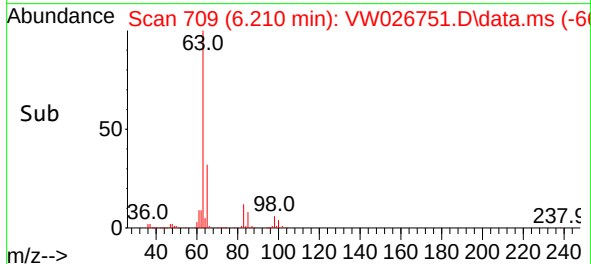
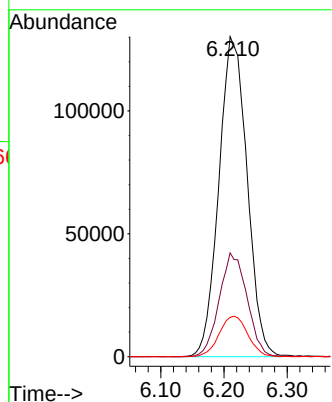
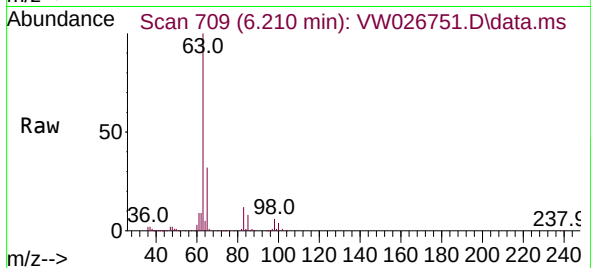
MSVOA_W

ClientSampleId :

VSTD025581

Tgt Ion: 63 Resp: 402764

Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.8	40.6
83	12.3	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 23.060 ug/L

RT: 7.167 min Scan# 866

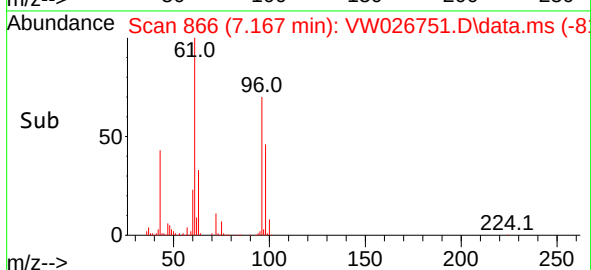
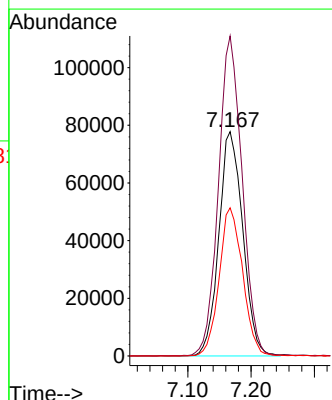
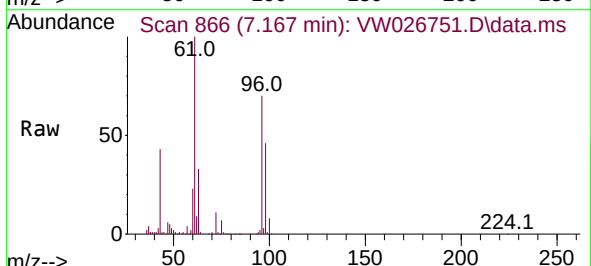
Delta R.T. 0.000 min

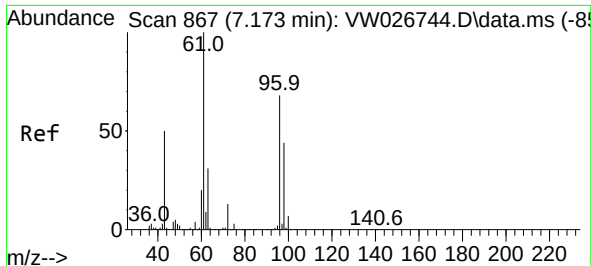
Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

Tgt Ion: 96 Resp: 204259

Ion	Ratio	Lower	Upper
96	100		
61	142.7	101.2	188.0
98	66.1	43.8	81.3

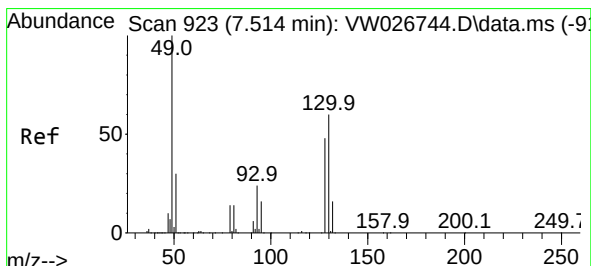
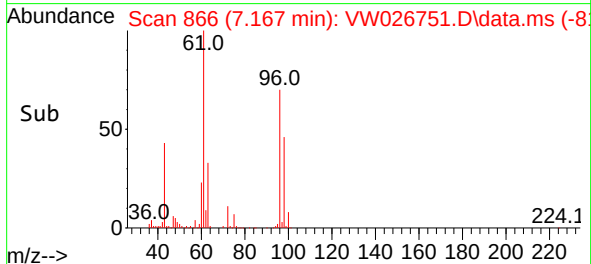
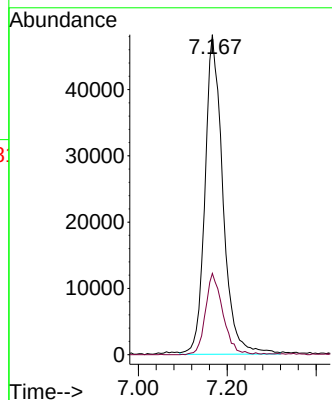
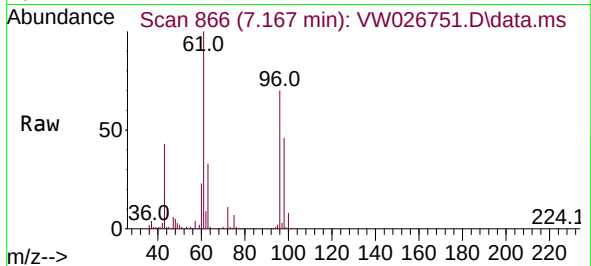




#22
2-Butanone
Concen: 39.083 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

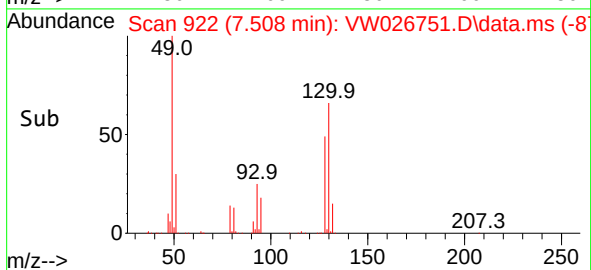
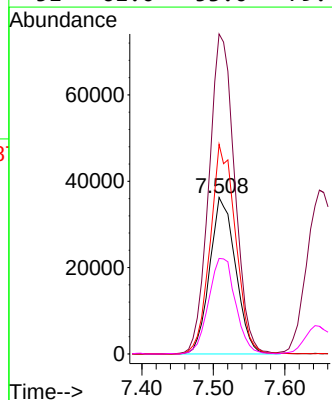
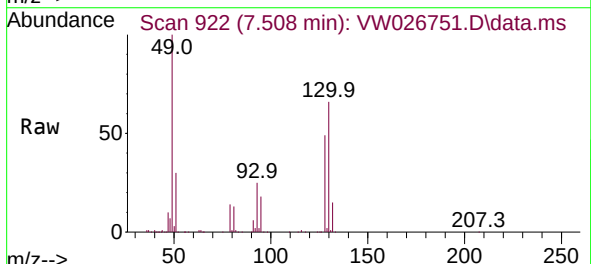
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

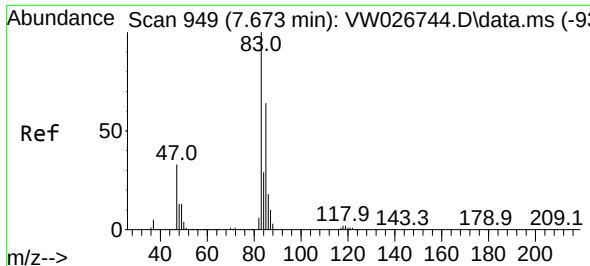
Tgt Ion: 43 Resp: 135188
Ion Ratio Lower Upper
43 100
72 24.7 11.8 35.4



#23
Bromochloromethane
Concen: 23.802 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

Tgt Ion: 128 Resp: 91070
Ion Ratio Lower Upper
128 100
49 204.5 143.1 265.7
130 133.9 91.8 170.4
51 61.0 53.0 79.4

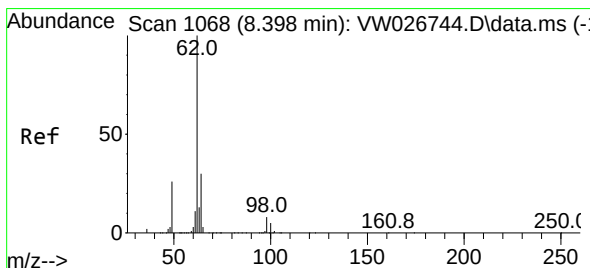
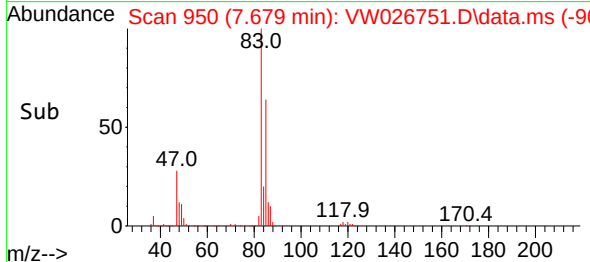
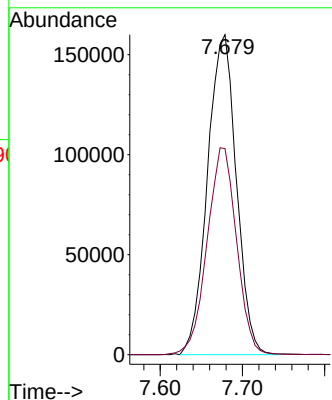
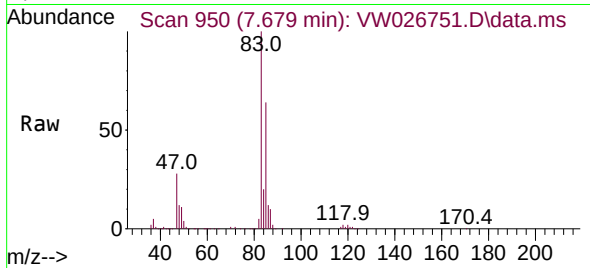




#25
Chloroform
Concen: 23.873 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

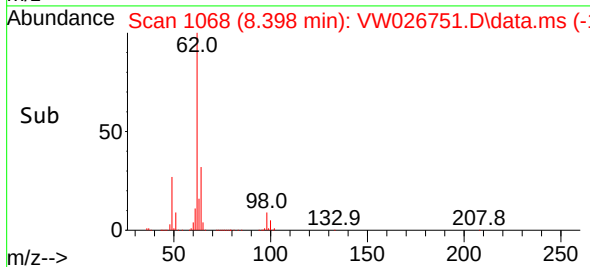
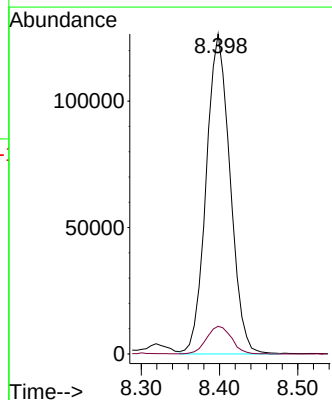
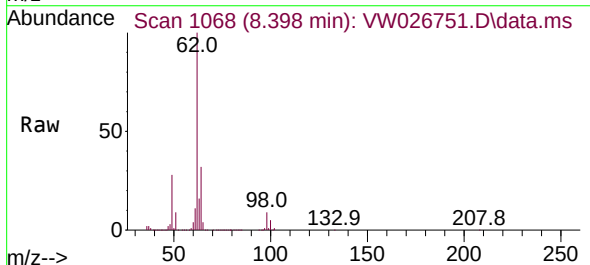
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

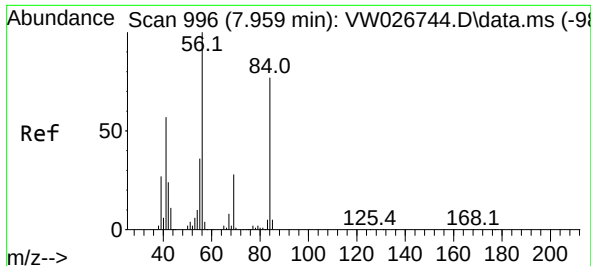
Tgt Ion: 83 Resp: 391160
Ion Ratio Lower Upper
83 100
85 64.4 45.4 84.2



#27
1,2-Dichloroethane
Concen: 23.461 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

Tgt Ion: 62 Resp: 268176
Ion Ratio Lower Upper
62 100
98 8.7 7.1 10.7





#29

Cyclohexane

Concen: 21.465 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

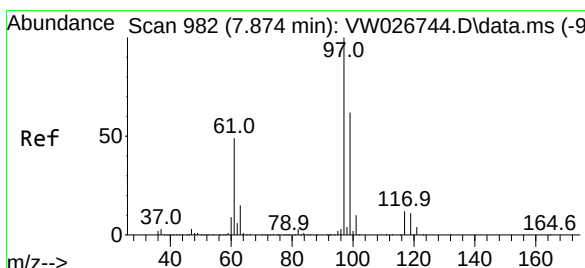
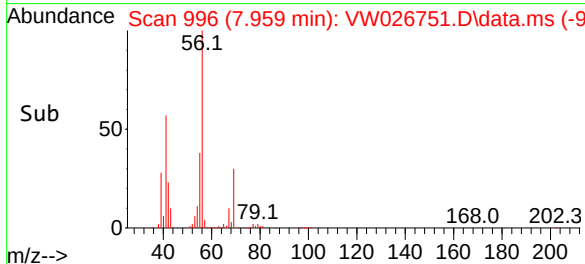
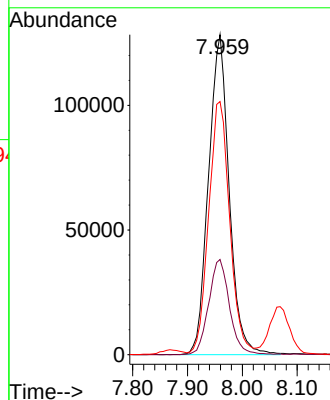
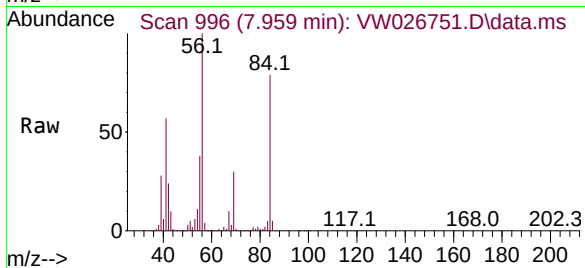
Tgt Ion: 56 Resp: 335508

Ion Ratio Lower Upper

56 100

69 29.9 23.2 34.8

84 80.4 62.7 94.1



#30

1,1,1-Trichloroethane

Concen: 23.996 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

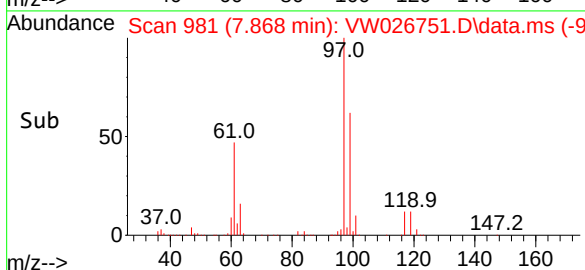
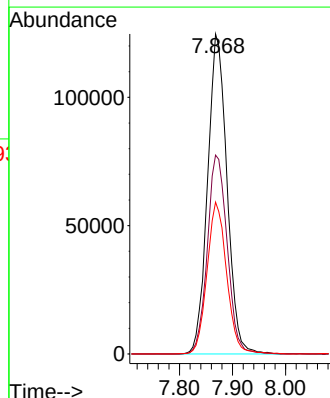
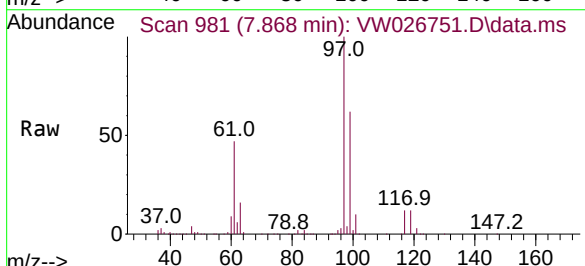
Tgt Ion: 97 Resp: 316534

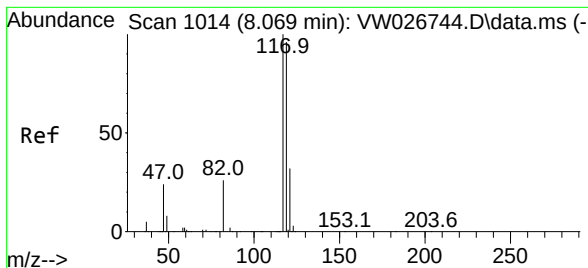
Ion Ratio Lower Upper

97 100

99 63.7 51.2 76.8

61 47.4 39.2 58.8





#31

Carbon tetrachloride

Concen: 23.736 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

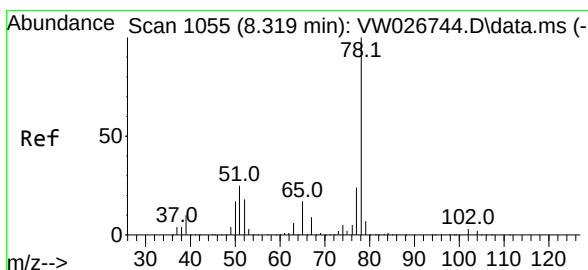
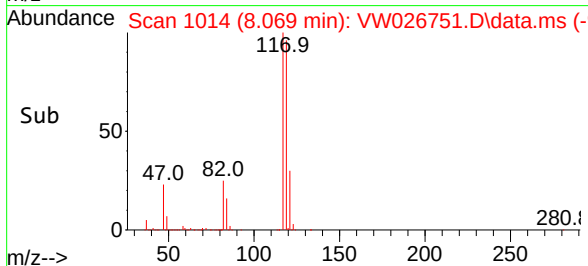
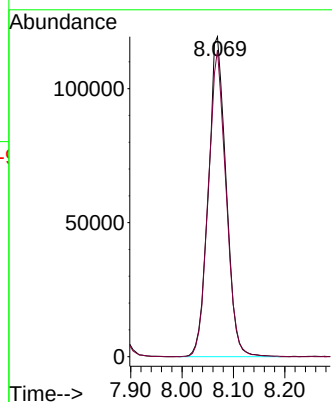
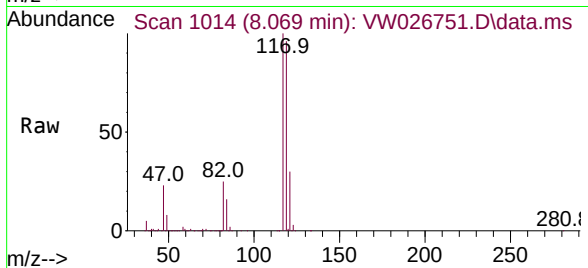
VSTD025581

Tgt Ion:117 Resp: 286275

Ion Ratio Lower Upper

117 100

119 95.7 73.0 109.4



#33

Benzene

Concen: 23.634 ug/L

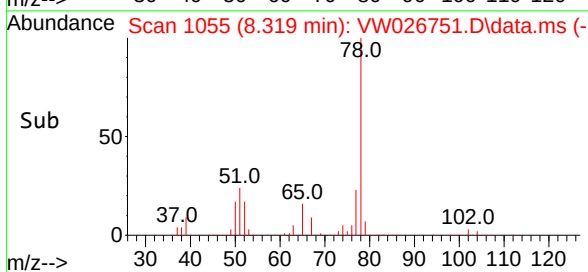
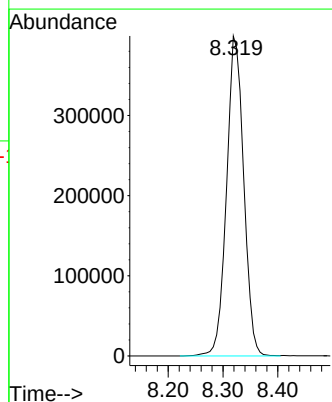
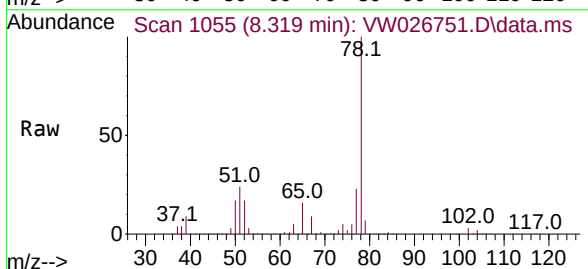
RT: 8.319 min Scan# 1055

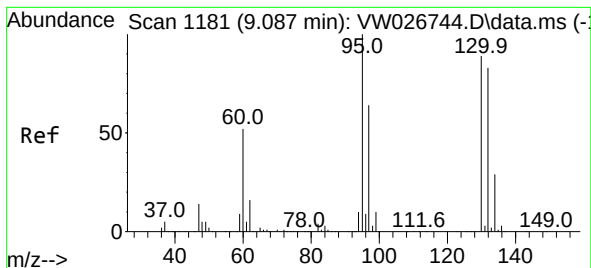
Delta R.T. 0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

Tgt Ion: 78 Resp: 869907





#34

Trichloroethene

Concen: 23.062 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

Tgt Ion: 95 Resp: 216188

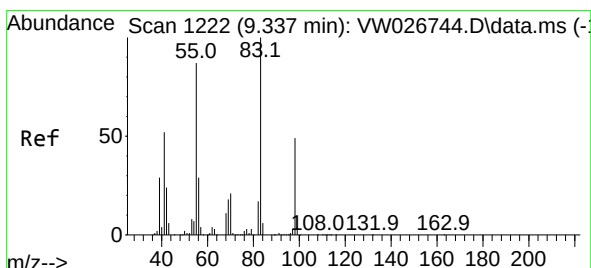
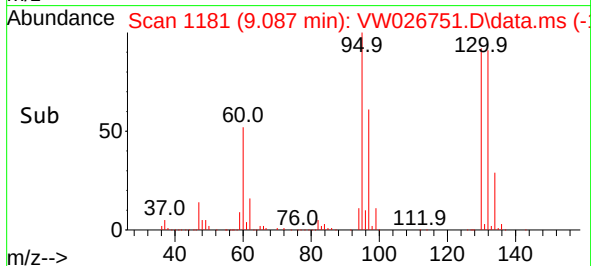
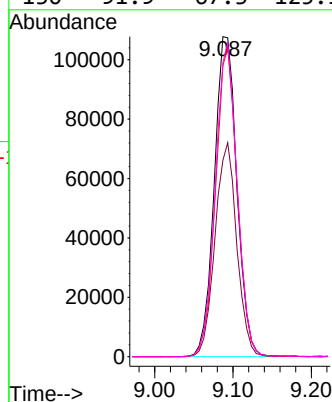
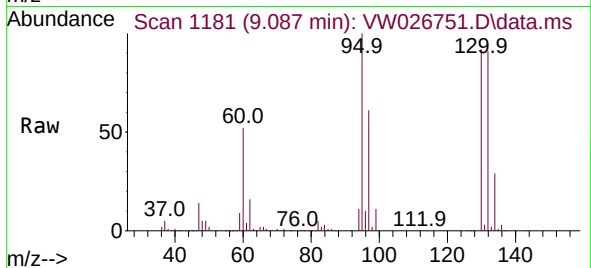
Ion Ratio Lower Upper

95 100

97 61.4 44.6 82.8

132 90.9 66.4 123.2

130 91.9 67.3 125.1



#35

Methylcyclohexane

Concen: 22.547 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

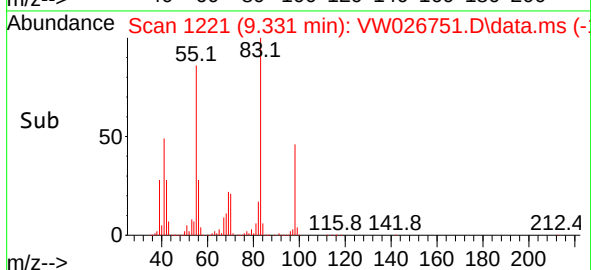
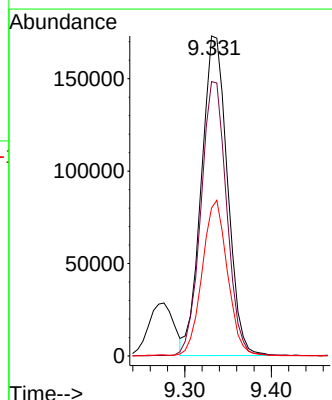
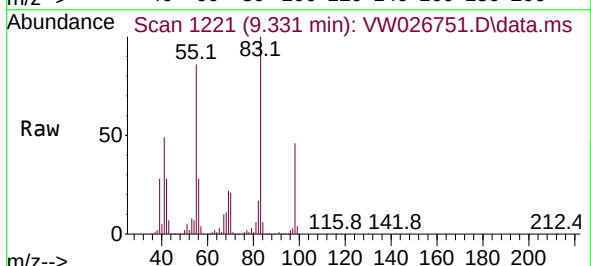
Tgt Ion: 83 Resp: 361593

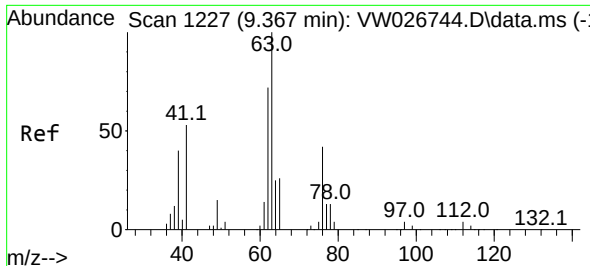
Ion Ratio Lower Upper

83 100

55 85.0 69.3 103.9

98 47.0 37.4 56.0





#37

1,2-Dichloropropane

Concen: 22.035 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

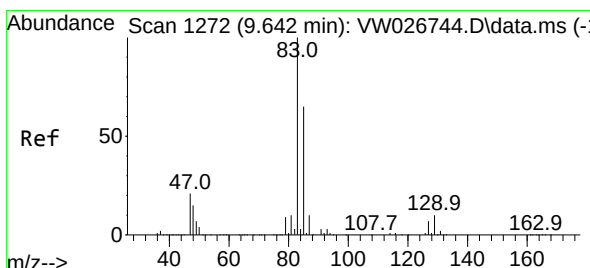
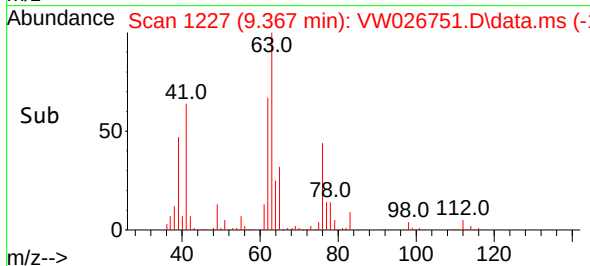
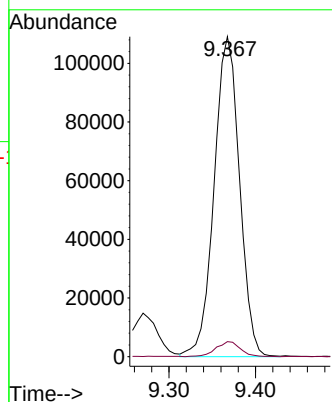
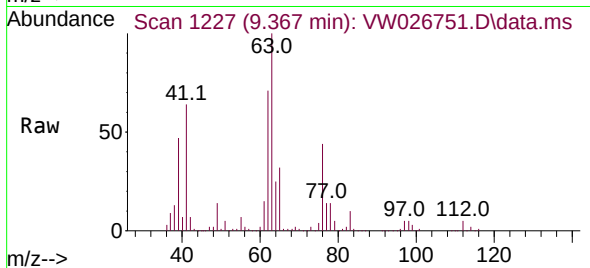
VSTD025581

Tgt Ion: 63 Resp: 222156

Ion Ratio Lower Upper

63 100

112 4.6 3.1 4.7



#38

Bromodichloromethane

Concen: 23.029 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

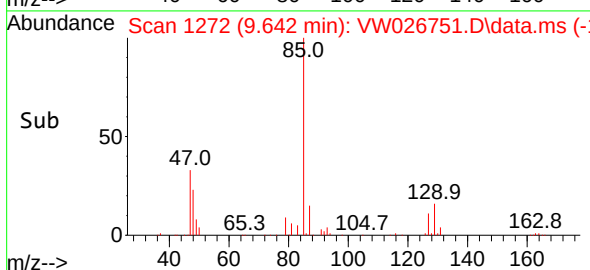
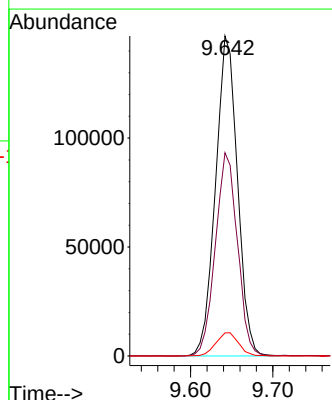
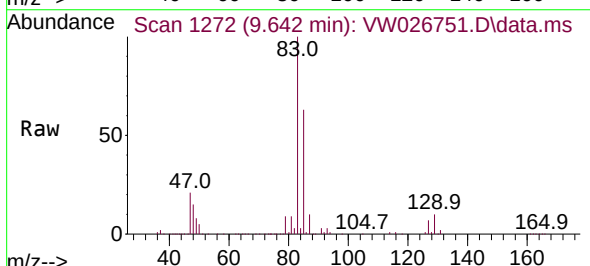
Tgt Ion: 83 Resp: 272364

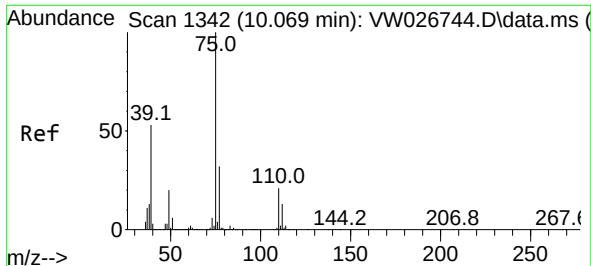
Ion Ratio Lower Upper

83 100

85 63.5 45.4 84.2

127 7.2 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.994 ug/L

RT: 10.075 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

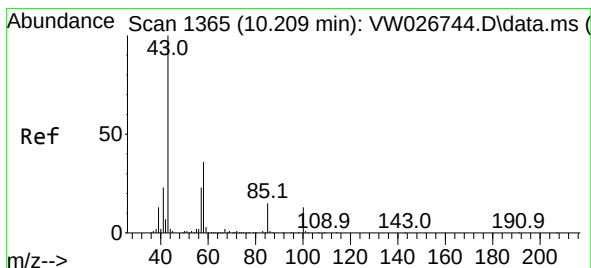
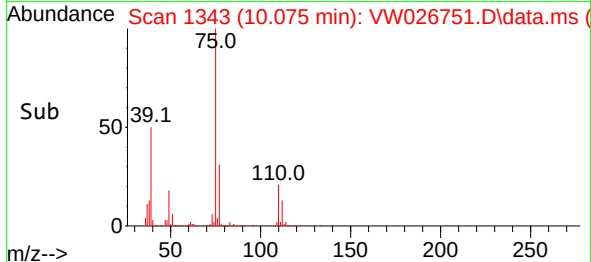
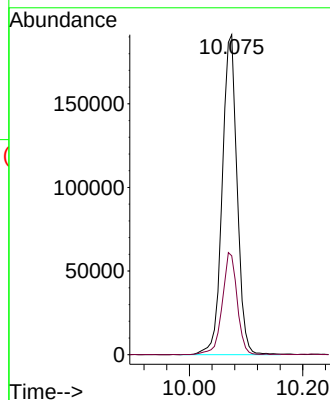
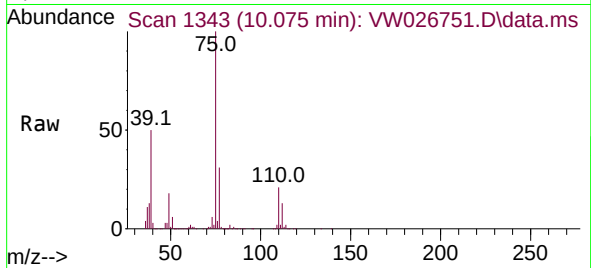
VSTD025581

Tgt Ion: 75 Resp: 347997

Ion Ratio Lower Upper

75 100

77 30.9 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 40.169 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

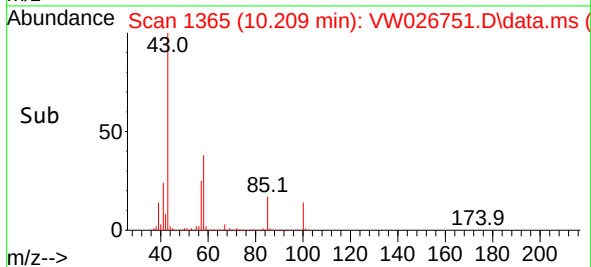
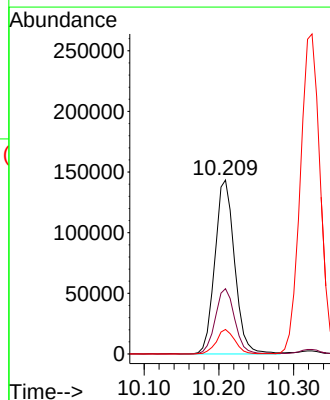
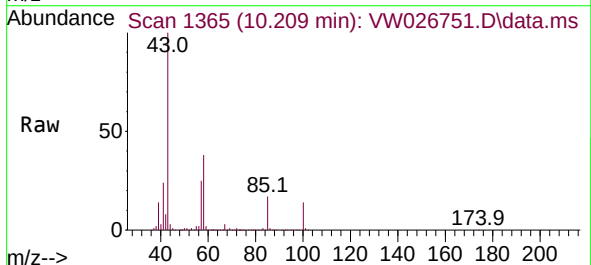
Tgt Ion: 43 Resp: 263424

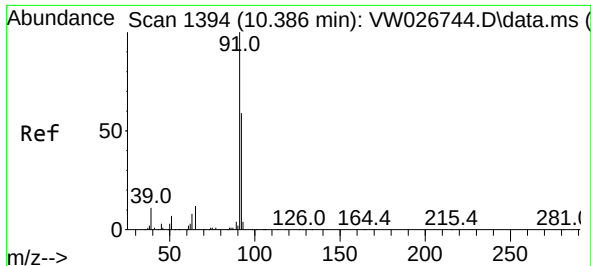
Ion Ratio Lower Upper

43 100

58 36.9 29.2 43.8

100 13.3 10.7 16.1

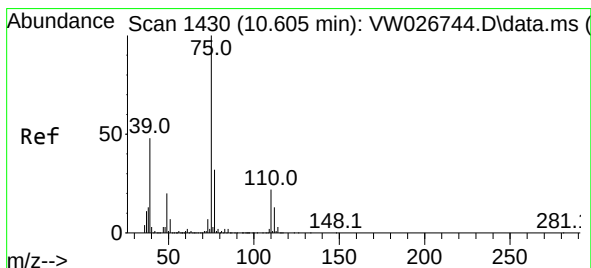
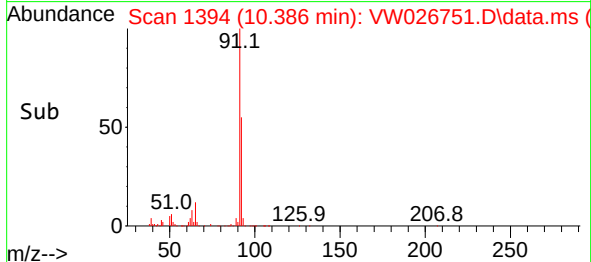
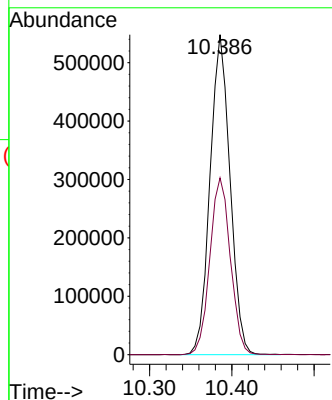
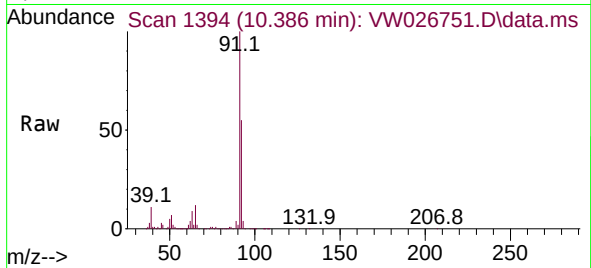




#42
Toluene
Concen: 24.893 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

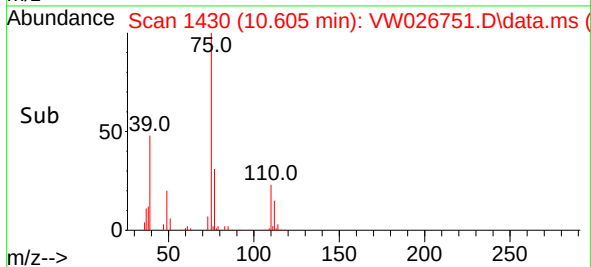
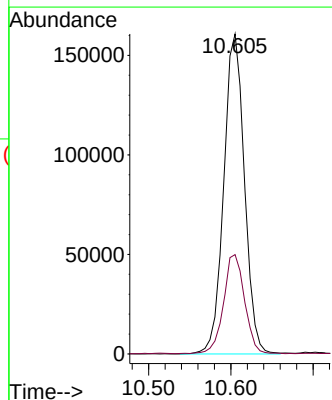
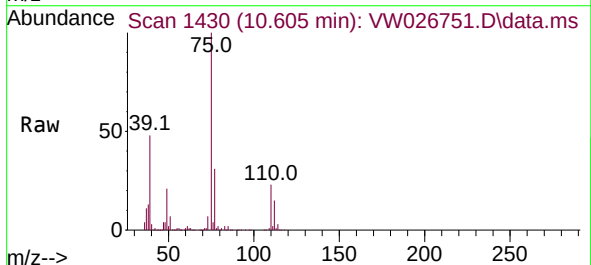
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

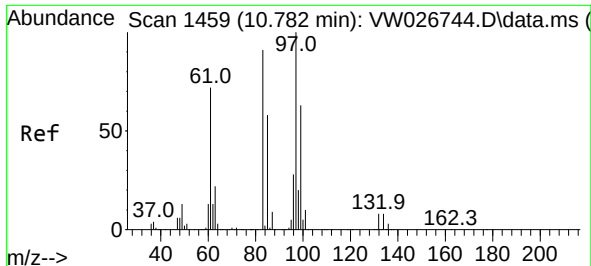
Tgt Ion: 91 Resp: 926863
Ion Ratio Lower Upper
91 100
92 55.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 22.481 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

Tgt Ion: 75 Resp: 280642
Ion Ratio Lower Upper
75 100
77 31.1 21.2 39.4

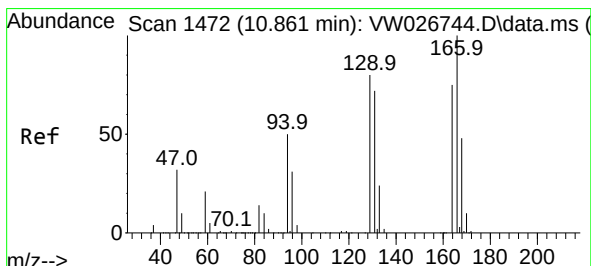
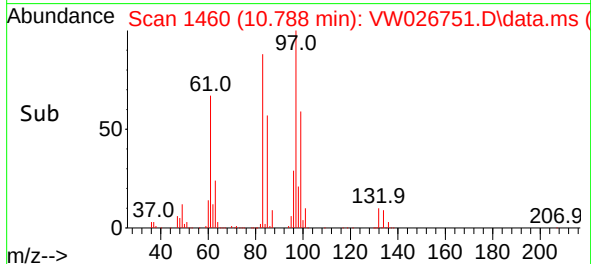
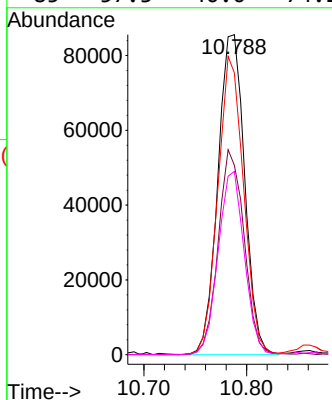
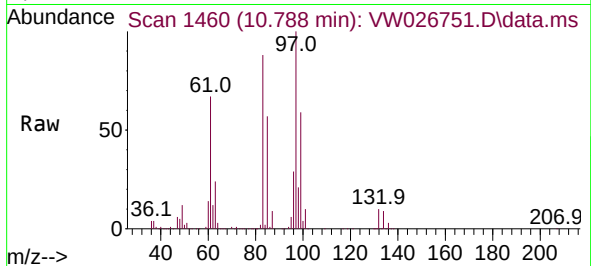




#45
1,1,2-Trichloroethane
Concen: 22.424 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

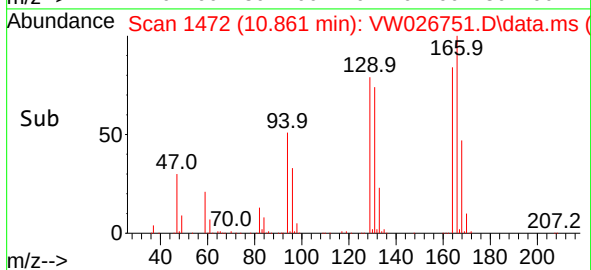
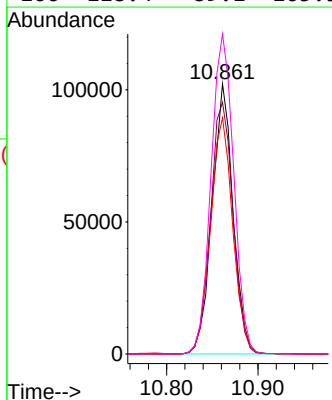
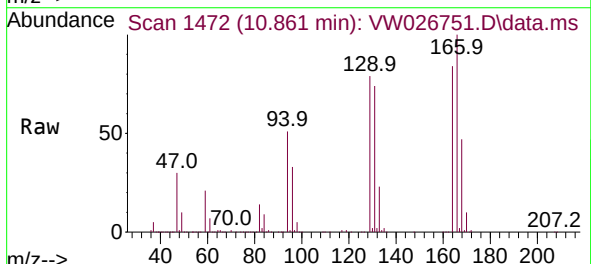
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

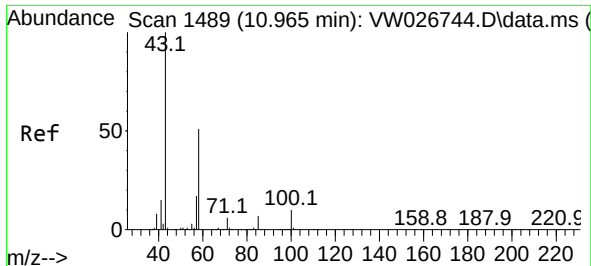
Tgt Ion: 97	Resp: 154616
Ion Ratio	Lower Upper
97 100	
99 59.2	44.2 82.0
83 88.1	61.9 114.9
85 57.3	40.0 74.2



#46
Tetrachloroethene
Concen: 23.947 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

Tgt	Ion:164	Resp:	163090
Ion	Ratio	Lower	Upper
164	100		
129	93.2	68.1	126.5
131	87.4	65.5	121.7
166	118.4	89.1	165.5



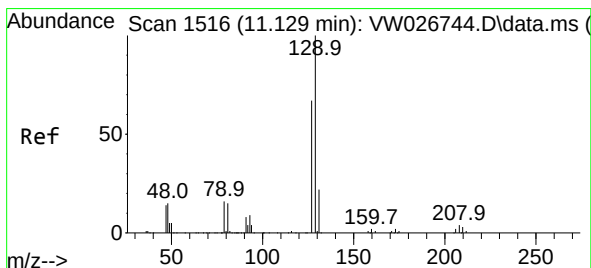
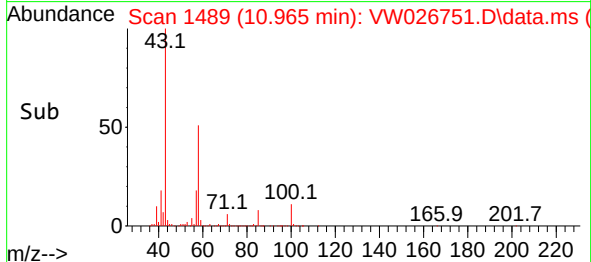
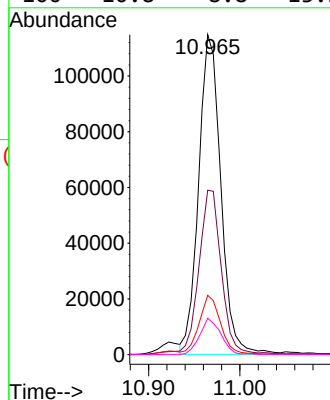
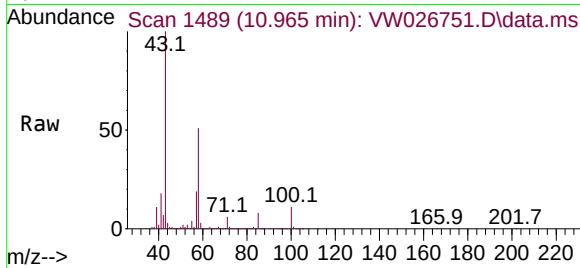


#48
2-Hexanone
Concen: 43.397 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

Tgt Ion: 43 Resp: 193650

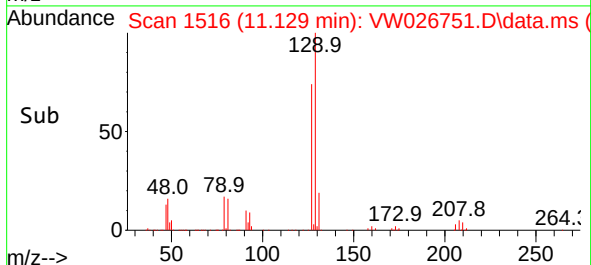
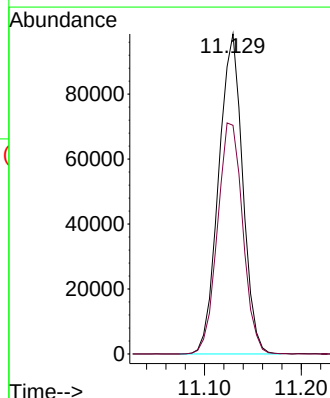
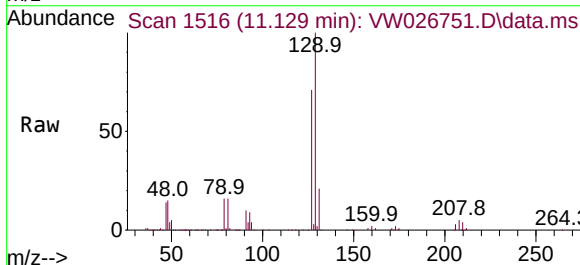
Ion	Ratio	Lower	Upper
43	100		
58	49.9	41.1	61.7
57	17.7	14.3	21.5
100	10.8	8.8	13.2

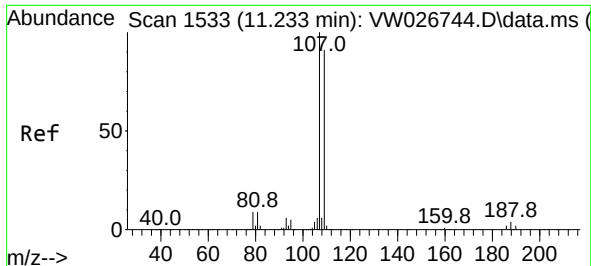


#49
Dibromochloromethane
Concen: 23.533 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

Tgt Ion: 129 Resp: 169705

Ion	Ratio	Lower	Upper
129	100		
127	71.5	56.6	105.2





#50

1,2-Dibromoethane

Concen: 22.060 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

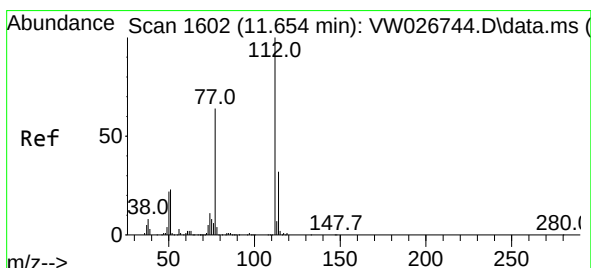
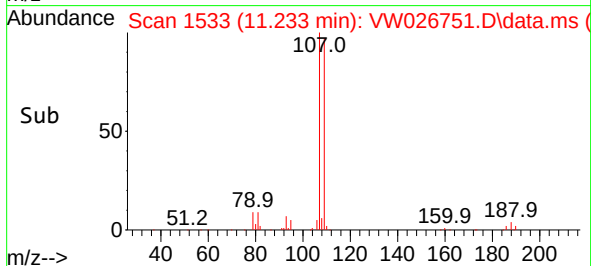
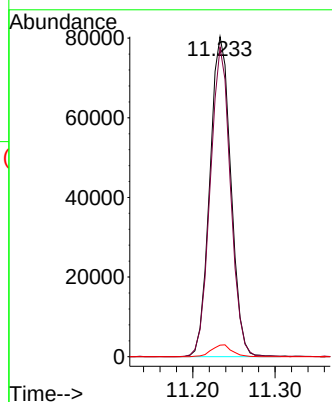
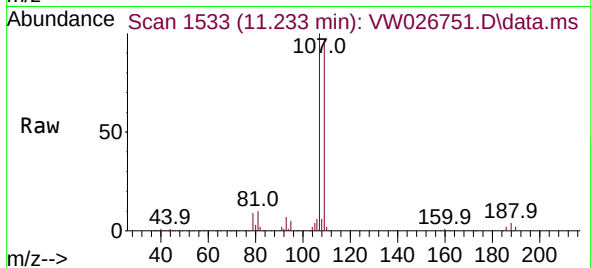
Tgt Ion:107 Resp: 142722

Ion Ratio Lower Upper

107 100

109 96.7 68.8 127.8

188 3.6 2.7 4.1



#51

Chlorobenzene

Concen: 23.804 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

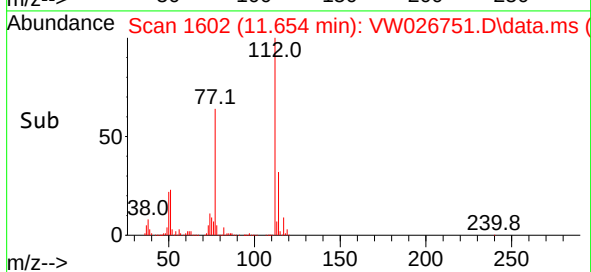
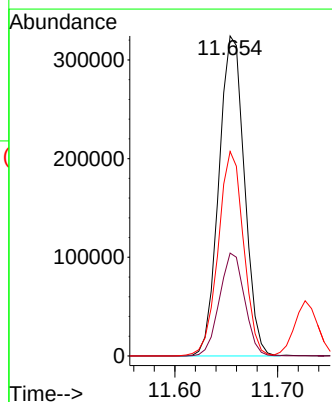
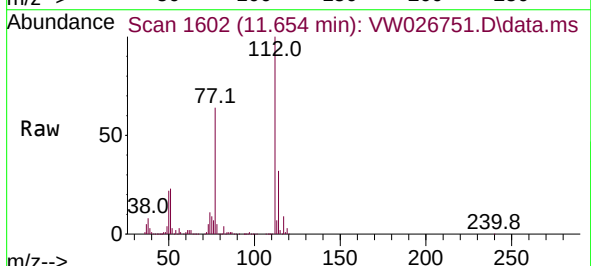
Tgt Ion:112 Resp: 559847

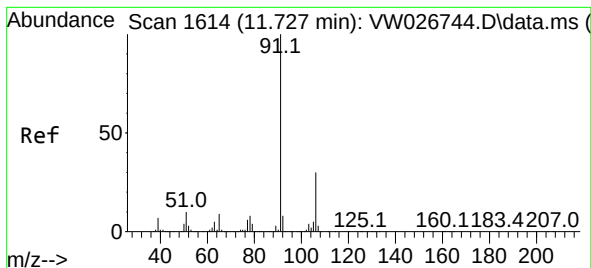
Ion Ratio Lower Upper

112 100

114 32.2 22.4 41.6

77 63.9 50.2 75.2

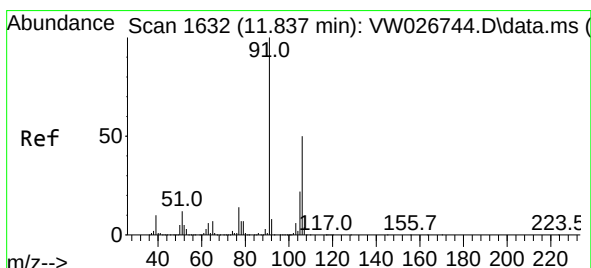
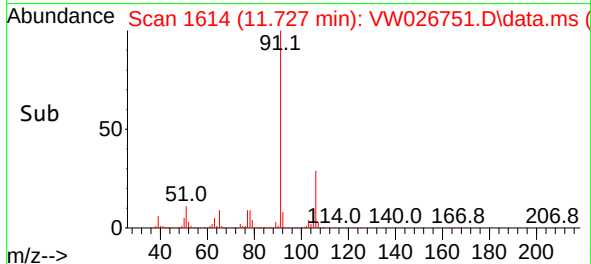
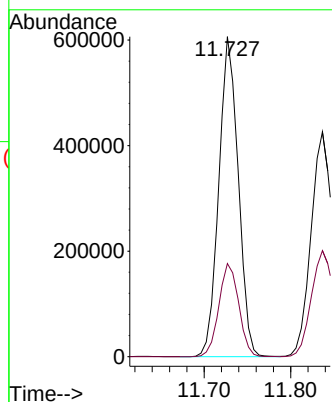
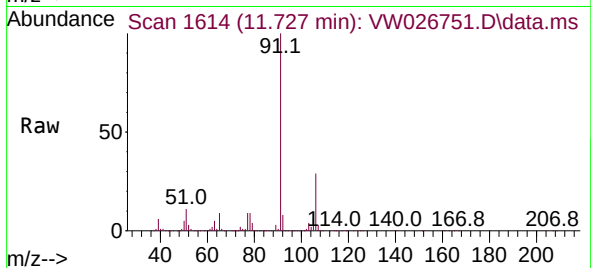




#52
Ethylbenzene
Concen: 22.602 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

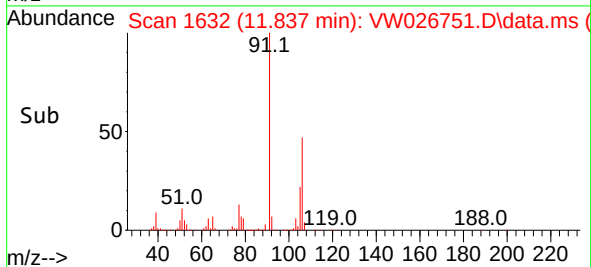
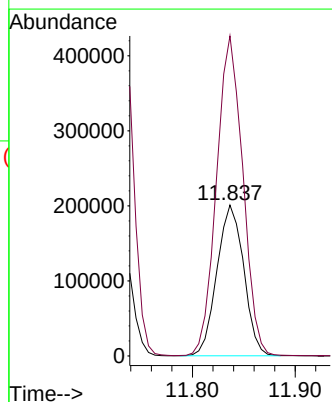
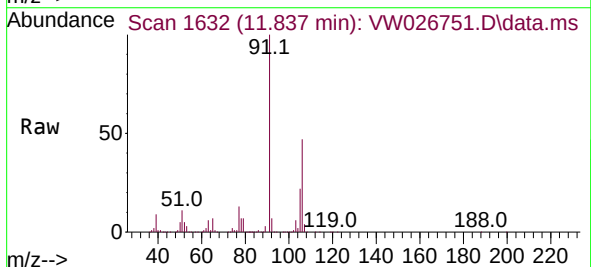
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

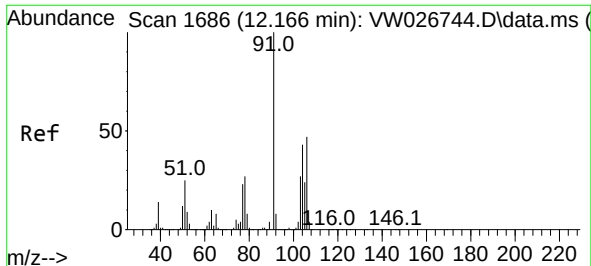
Tgt Ion: 91 Resp: 943741
Ion Ratio Lower Upper
91 100
106 29.1 20.2 37.6



#53
m,p-Xylene
Concen: 23.535 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

Tgt Ion:106 Resp: 364053
Ion Ratio Lower Upper
106 100
91 212.2 152.9 284.1

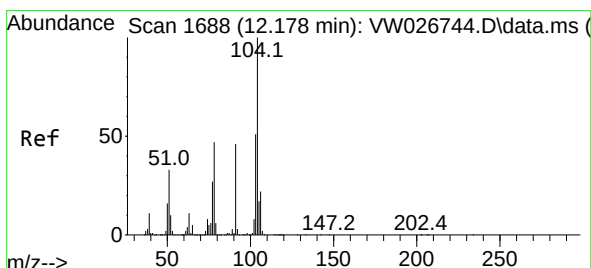
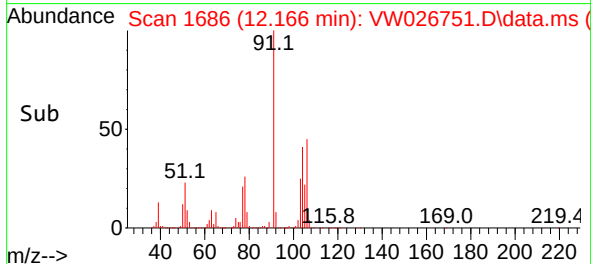
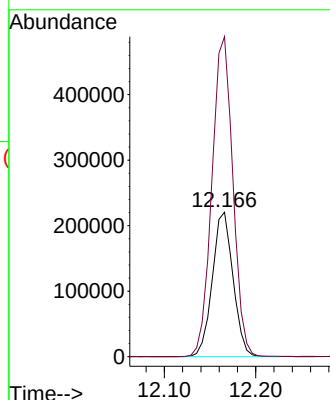
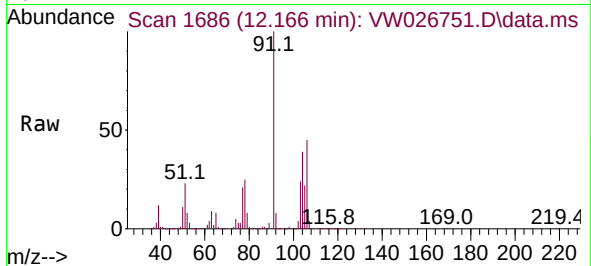




#54
o-Xylene
Concen: 24.037 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

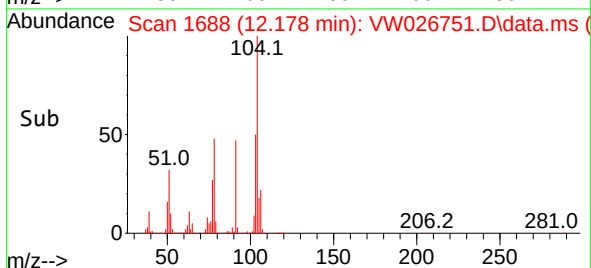
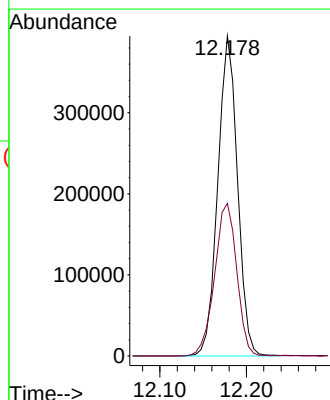
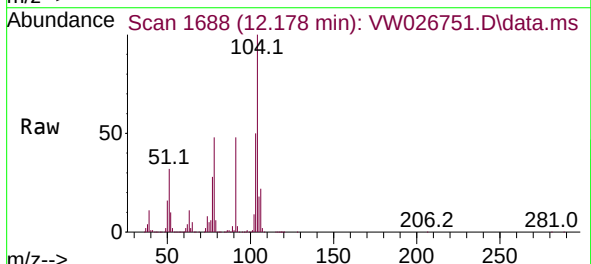
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

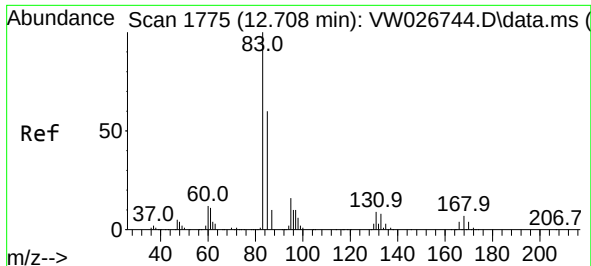
Tgt Ion:106 Resp: 347019
Ion Ratio Lower Upper
106 100
91 221.6 149.9 278.3



#55
Styrene
Concen: 24.852 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

Tgt Ion:104 Resp: 623829
Ion Ratio Lower Upper
104 100
78 47.7 33.0 61.2

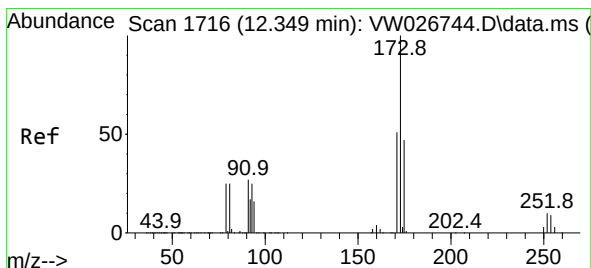
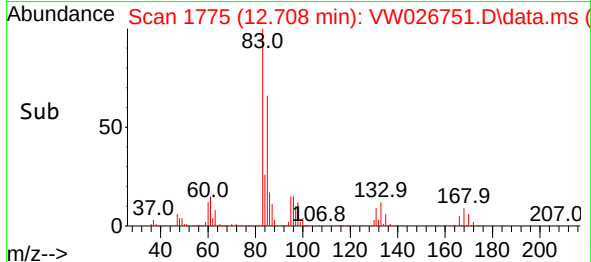
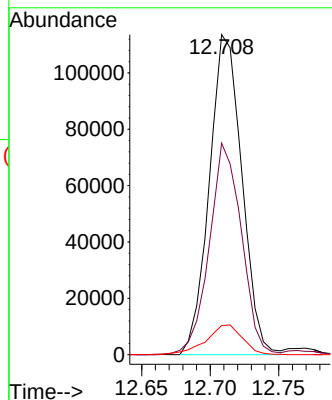
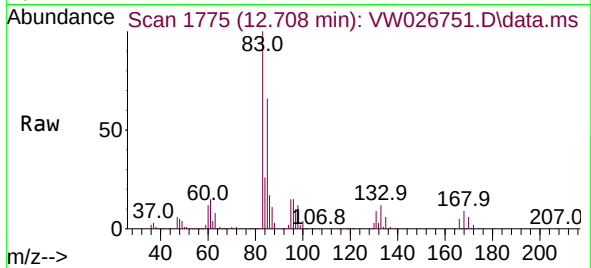




#57
1,1,2,2-Tetrachloroethane
Concen: 21.508 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

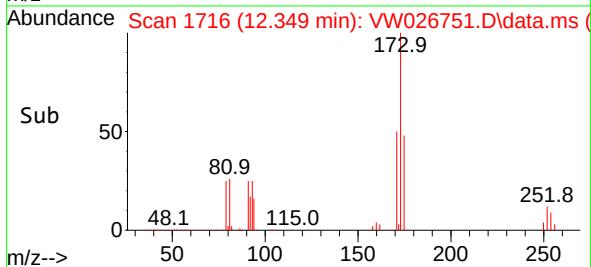
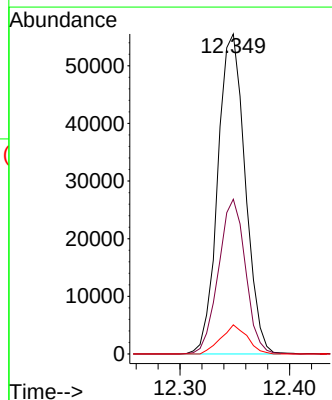
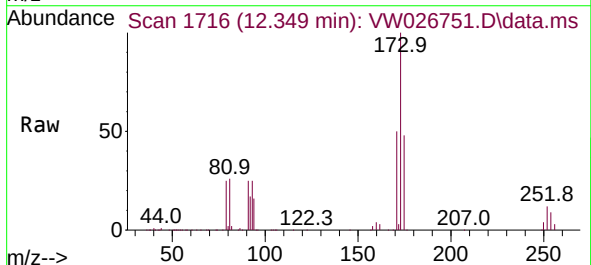
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

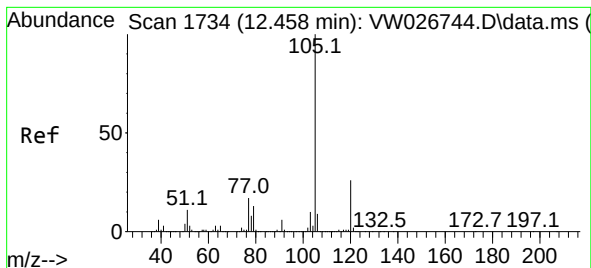
Tgt Ion: 83 Resp: 187810
Ion Ratio Lower Upper
83 100
85 66.1 44.9 83.3
131 9.1 7.4 11.0



#59
Bromoform
Concen: 23.293 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

Tgt Ion: 173 Resp: 96475
Ion Ratio Lower Upper
173 100
175 47.5 36.6 55.0
254 8.7 7.8 11.6





#60

Isopropylbenzene

Concen: 26.130 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

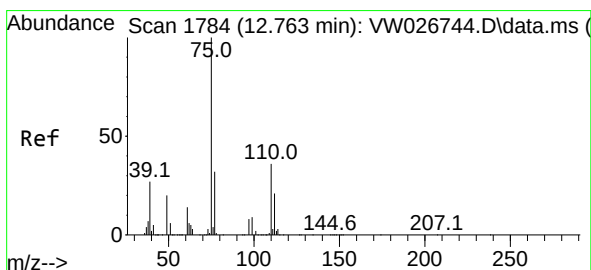
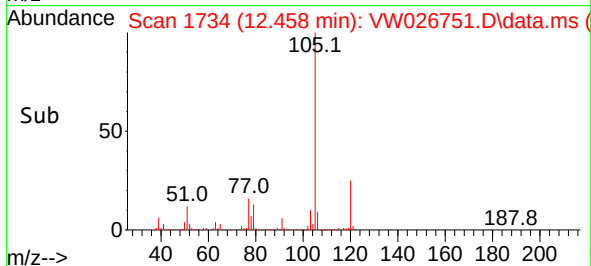
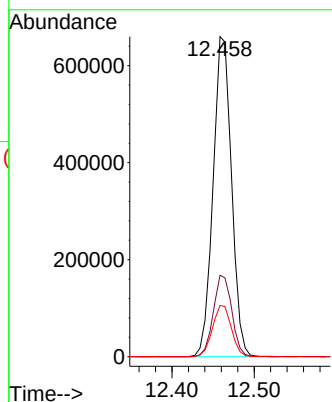
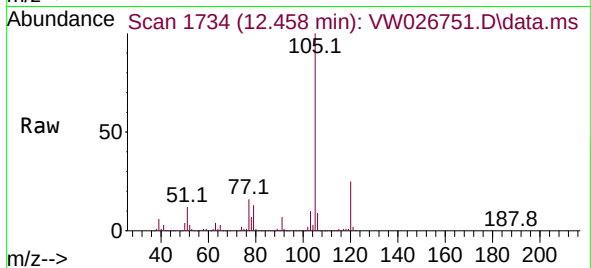
Tgt Ion:105 Resp: 1027171

Ion Ratio Lower Upper

105 100

120 25.4 21.0 31.6

77 16.4 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 20.918 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

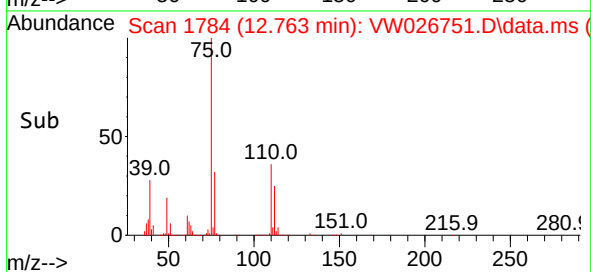
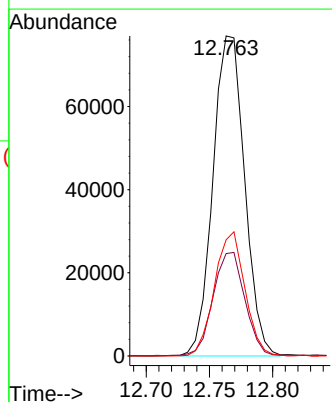
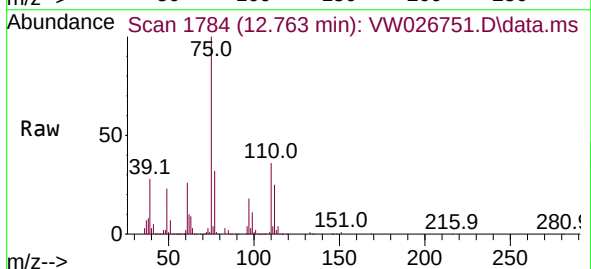
Tgt Ion: 75 Resp: 134161

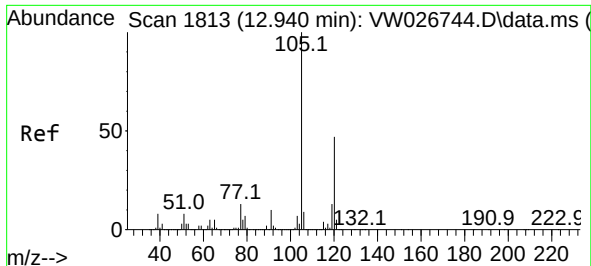
Ion Ratio Lower Upper

75 100

77 32.3 26.1 39.1

110 37.1 29.9 44.9

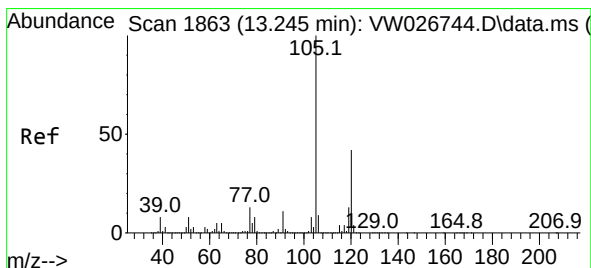
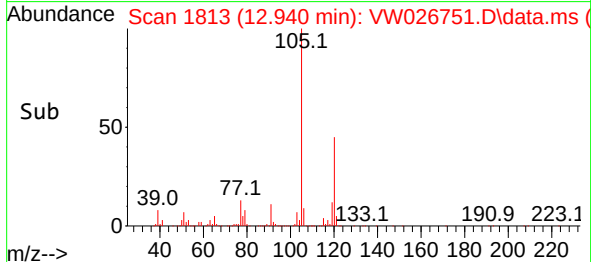
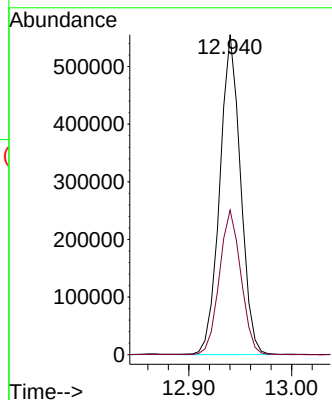
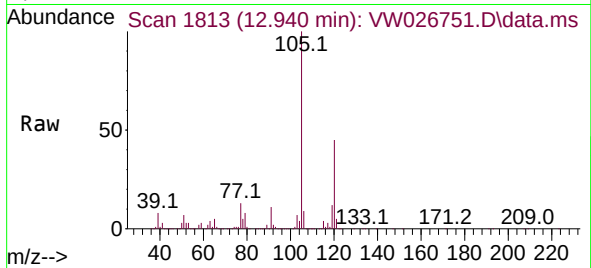




#62
1,3,5-Trimethylbenzene
Concen: 25.081 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

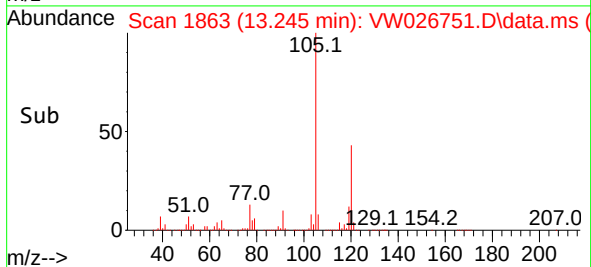
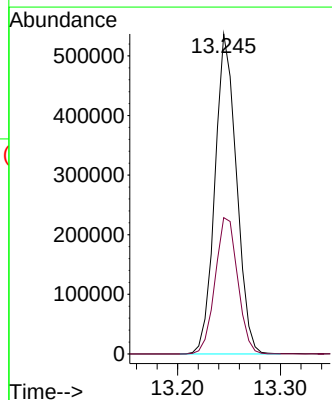
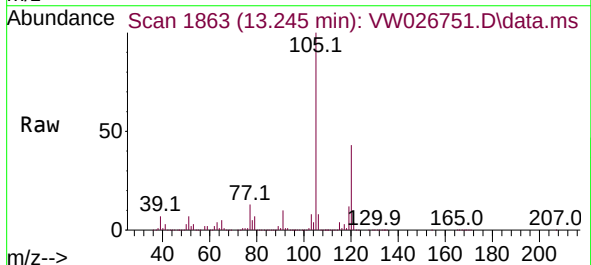
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

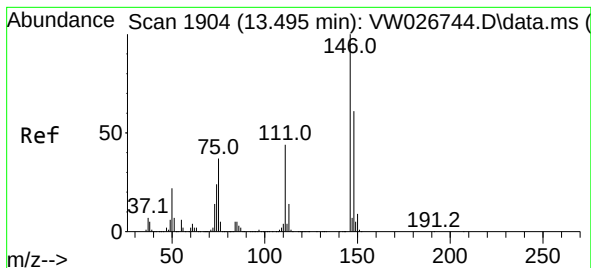
Tgt Ion:105 Resp: 779285
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 25.659 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026751.D
Acq: 16 Aug 2023 09:20

Tgt Ion:105 Resp: 781247
Ion Ratio Lower Upper
105 100
120 44.6 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 23.825 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

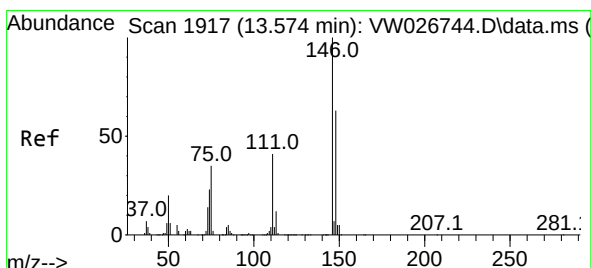
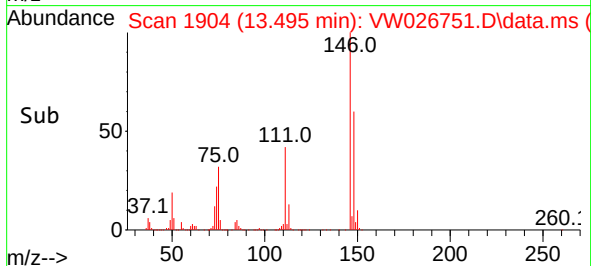
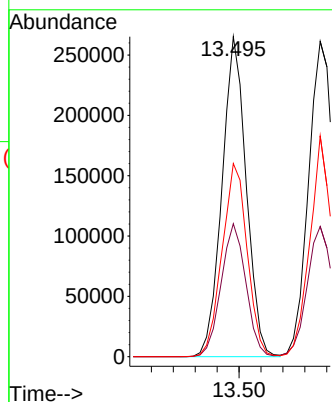
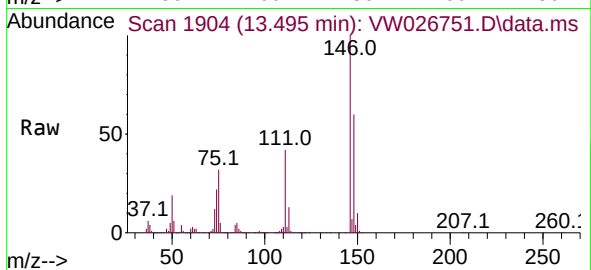
Tgt Ion:146 Resp: 407307

Ion Ratio Lower Upper

146 100

111 41.5 29.1 54.1

148 60.4 38.8 72.0



#65

1,4-Dichlorobenzene

Concen: 23.689 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

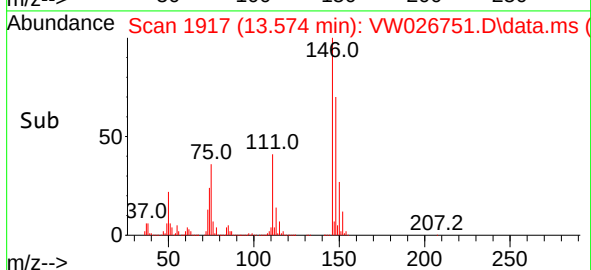
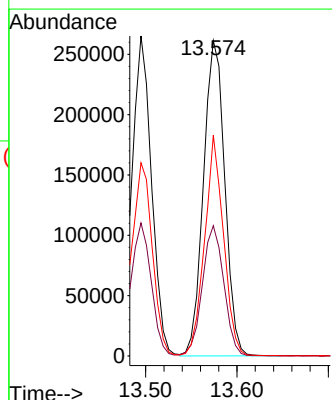
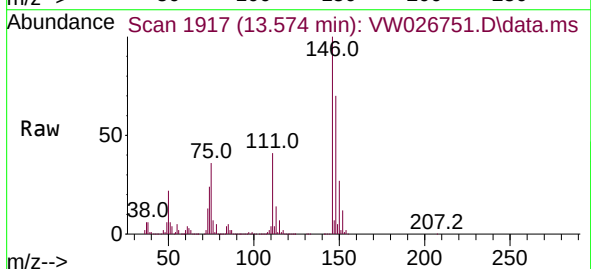
Tgt Ion:146 Resp: 422635

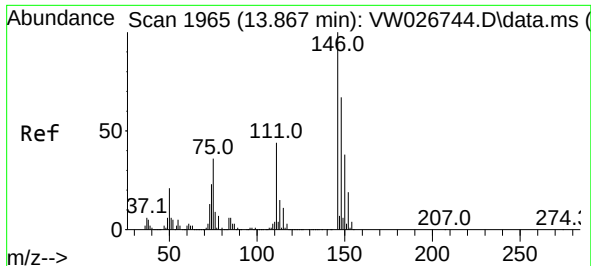
Ion Ratio Lower Upper

146 100

111 41.3 28.3 52.7

148 70.0 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 24.477 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

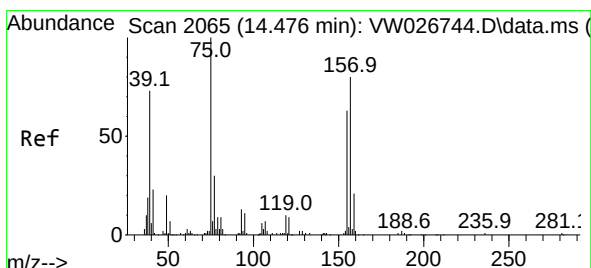
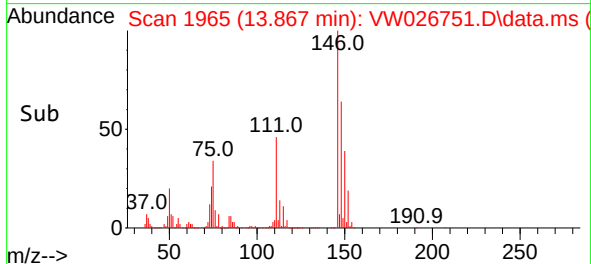
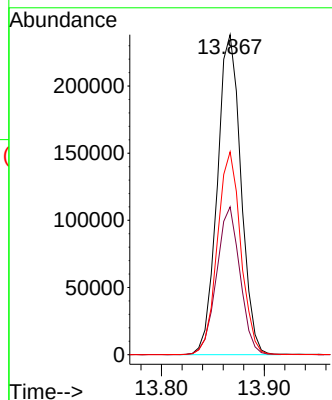
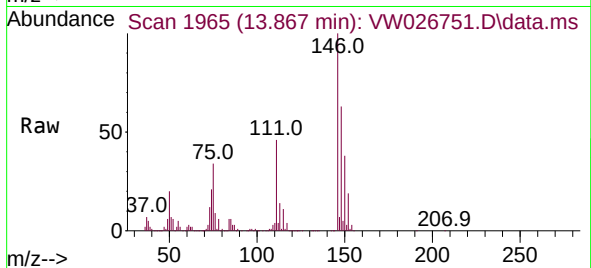
Tgt Ion:146 Resp: 380519

Ion Ratio Lower Upper

146 100

111 46.2 34.6 52.0

148 63.4 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 19.358 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

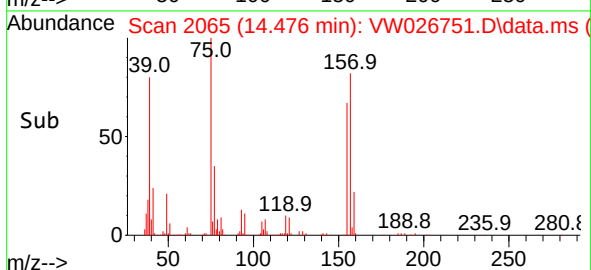
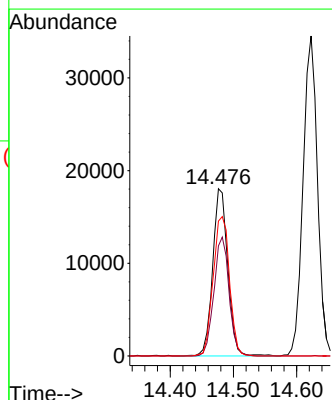
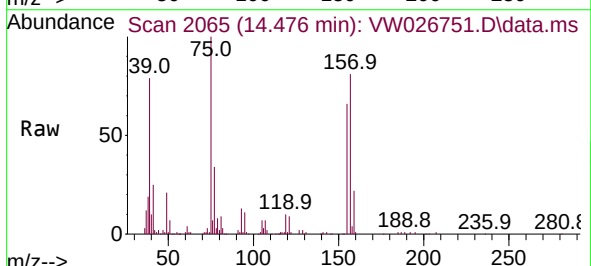
Tgt Ion: 75 Resp: 29931

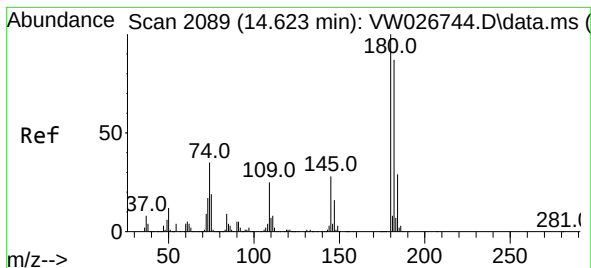
Ion Ratio Lower Upper

75 100

155 65.8 55.0 82.6

157 80.7 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 22.909 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

Tgt Ion:180 Resp: 264602

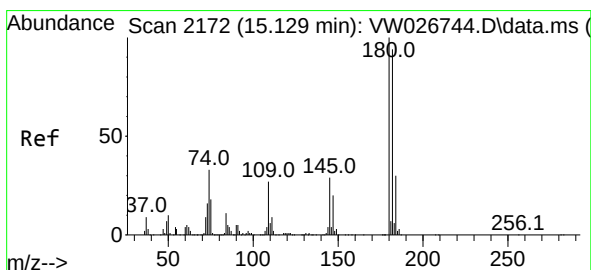
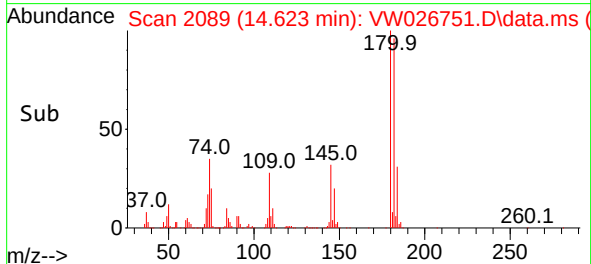
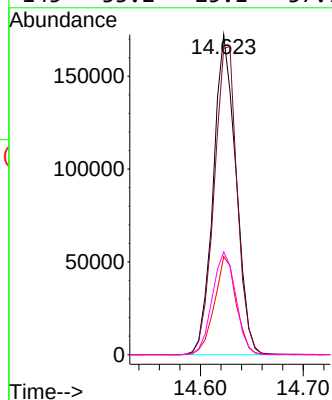
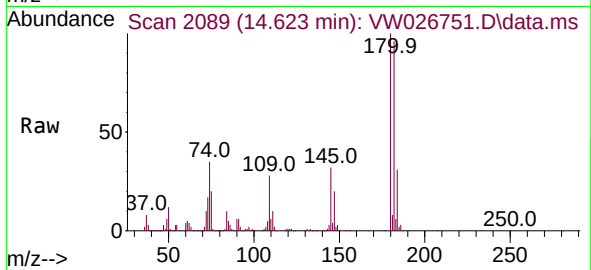
Ion Ratio Lower Upper

180 100

182 97.7 75.2 112.8

184 29.5 23.8 35.8

145 33.2 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 22.588 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

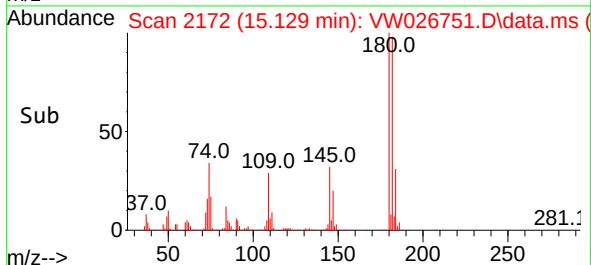
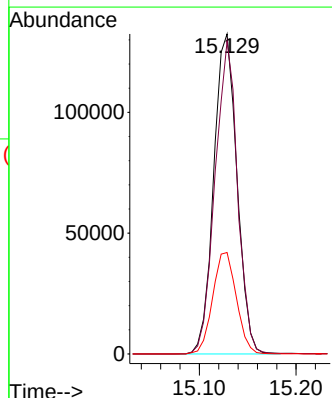
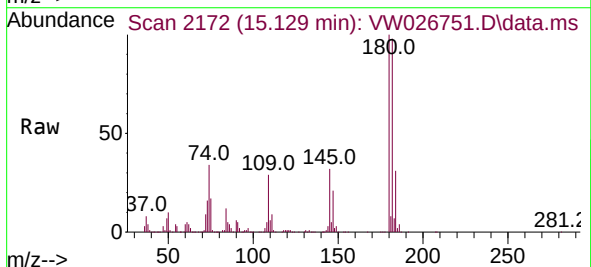
Tgt Ion:180 Resp: 221194

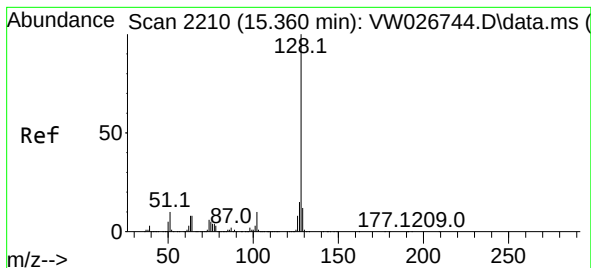
Ion Ratio Lower Upper

180 100

182 94.2 72.5 108.7

145 32.4 24.7 37.1





#71

Naphthalene

Concen: 21.898 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

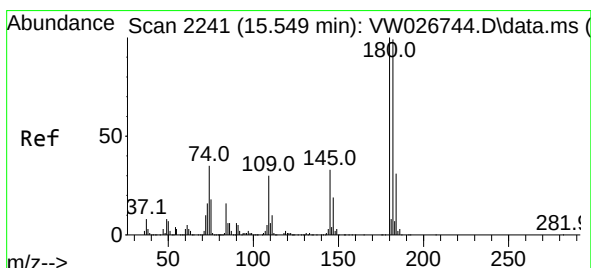
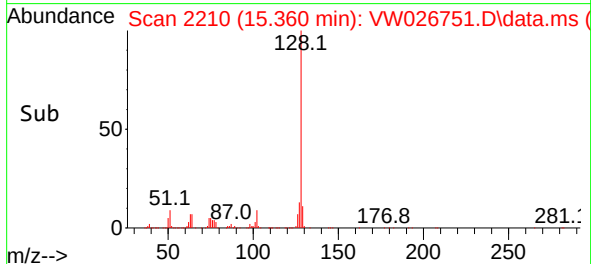
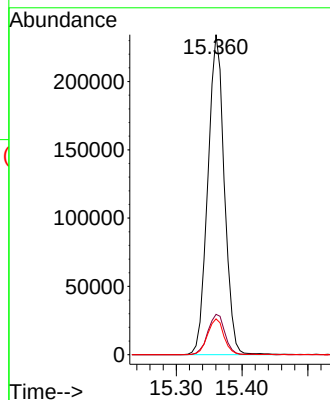
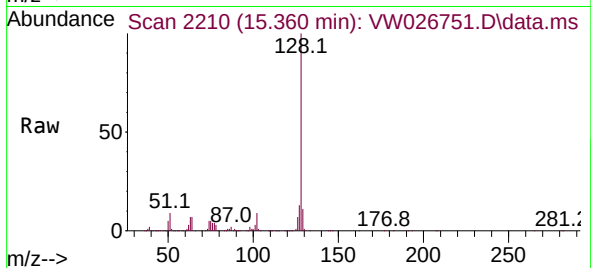
Tgt Ion:128 Resp: 409049

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.1 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 22.648 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026751.D

Acq: 16 Aug 2023 09:20

Tgt Ion:180 Resp: 200044

Ion Ratio Lower Upper

180 100

182 93.7 74.6 112.0

145 34.2 27.0 40.6

