

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026780.D
 Acq On : 18 Aug 2023 19:22
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 18 23:47:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 18 23:42:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	561547	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	535716	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	300999	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	168167	18.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.880%
7) Chloroethane-d5	2.893	69	143367	20.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.560%
11) 1,1-Dichloroethene-d2	4.021	65	95739	21.087	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.360%
21) 2-Butanone-d5	7.075	46	154927	58.392	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.780%
24) Chloroform-d	7.648	84	504266	26.756	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.040%
26) 1,2-Dichloroethane-d4	8.307	65	276930	26.626	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.520%
32) Benzene-d6	8.276	84	1006534	27.262	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.040%
36) 1,2-Dichloropropane-d6	9.276	67	325287	28.284	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.120%
41) Toluene-d8	10.325	98	820282	25.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.520%
43) trans-1,3-Dichloroprop...	10.575	79	123435	25.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.960%
47) 2-Hexanone-d5	10.922	63	78457	64.924	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	272556	30.009	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.040%#
66) 1,2-Dichlorobenzene-d4	13.848	152	307163	28.511	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	195473	25.602	ug/L	93
3) Chloromethane	2.229	50	226406	21.687	ug/L	99
5) Vinyl chloride	2.375	62	224306	22.475	ug/L	98
6) Bromomethane	2.783	94	127134	21.864	ug/L	98
8) Chloroethane	2.930	64	128914	21.557	ug/L	99
9) Trichlorofluoromethane	3.265	101	178599	21.806	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	223748	25.290	ug/L	99
12) 1,1-Dichloroethene	4.051	96	209414	25.230	ug/L	97
13) Acetone	4.125	43	98830	37.463	ug/L	95
14) Carbon disulfide	4.393	76	665149	22.275	ug/L	100
15) Methyl Acetate	4.673	43	130615	24.717	ug/L	97
16) Methylene chloride	4.923	84	266810	24.562	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	221806	23.948	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	366044	26.119	ug/L	98
19) 1,1-Dichloroethane	6.216	63	483793	25.379	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	256080	25.723	ug/L	98
22) 2-Butanone	7.173	43	171217	44.040	ug/L	96
23) Bromochloromethane	7.514	128	107113	24.907	ug/L	95
25) Chloroform	7.679	83	453138	24.605	ug/L	99

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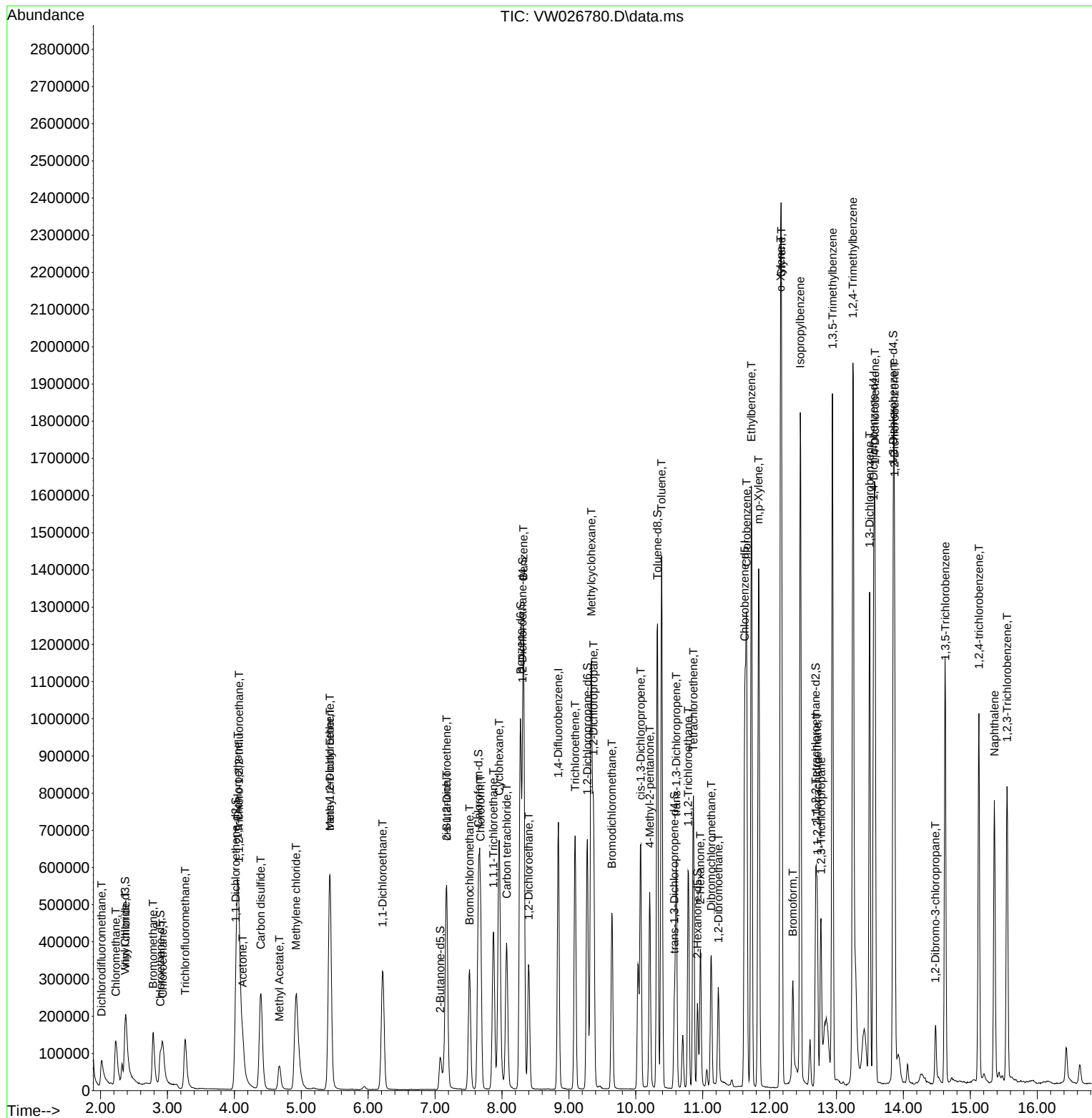
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	304633	23.711	ug/L	99
29) Cyclohexane	7.959	56	419696	25.333	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	350521	25.071	ug/L	100
31) Carbon tetrachloride	8.069	117	306033	23.940	ug/L	96
33) Benzene	8.319	78	1031612	26.443	ug/L	100
34) Trichloroethene	9.093	95	244605	24.618	ug/L	99
35) Methylcyclohexane	9.337	83	452307	26.610	ug/L	98
37) 1,2-Dichloropropane	9.368	63	282410	26.429	ug/L	100
38) Bromodichloromethane	9.642	83	320551	25.571	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	394846	25.685	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	359519	51.723	ug/L	98
42) Toluene	10.386	91	1016286	25.752	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	331400	25.046	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	184240	25.210	ug/L	100
46) Tetrachloroethene	10.861	164	174063	24.114	ug/L	95
48) 2-Hexanone	10.965	43	245554	51.918	ug/L	98
49) Dibromochloromethane	11.129	129	191950	25.113	ug/L	90
50) 1,2-Dibromoethane	11.233	107	170495	24.864	ug/L	95
51) Chlorobenzene	11.654	112	623966	25.030	ug/L	99
52) Ethylbenzene	11.727	91	1151427	26.018	ug/L	100
53) m,p-Xylene	11.837	106	423020	25.802	ug/L	100
54) o-Xylene	12.166	106	406364	26.557	ug/L	98
55) Styrene	12.178	104	719577	27.046	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	233235	25.200	ug/L	98
59) Bromoform	12.349	173	107631	22.827	ug/L	95
60) Isopropylbenzene	12.458	105	1150585	25.711	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	176631	24.192	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	973844	27.532	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	926572	26.732	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	500469	25.715	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	501904	24.711	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	458468	25.905	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	41573	23.619	ug/L	95
69) 1,3,5-Trichlorobenzene	14.629	180	327527	24.909	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	299418	26.858	ug/L	98
71) Naphthalene	15.360	128	614962	28.918	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	251349	24.997	ug/L	99

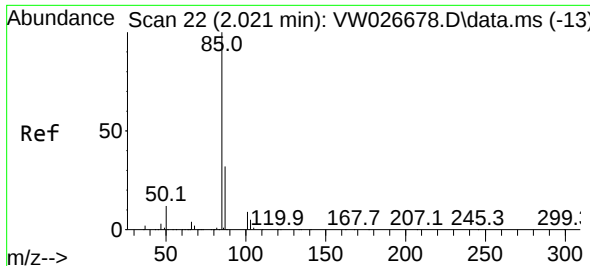
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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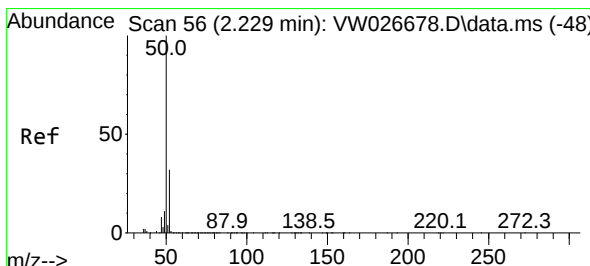
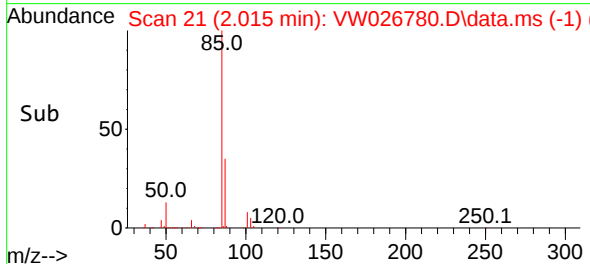
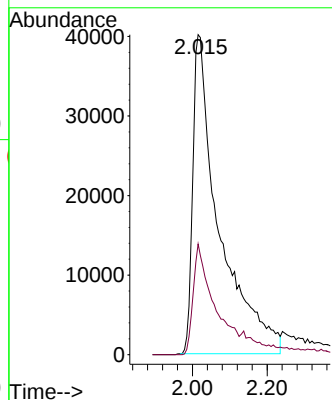
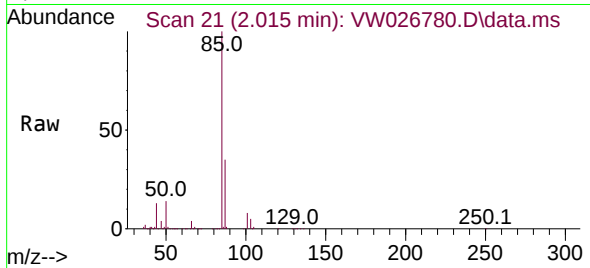




#2
 Dichlorodifluoromethane
 Concen: 25.602 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026780.D
 Acq: 18 Aug 2023 19:22

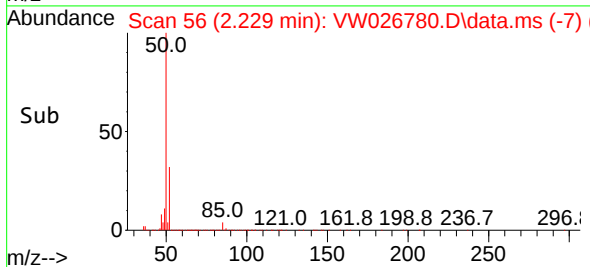
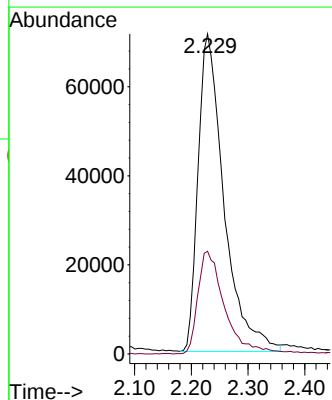
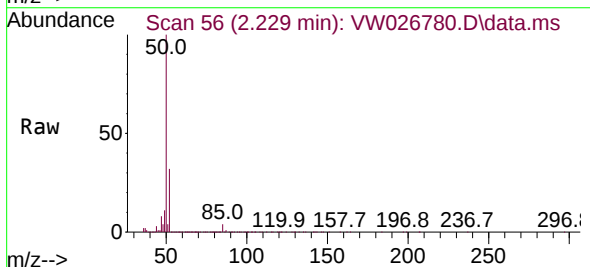
Instrument :
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 ClientSampleId :

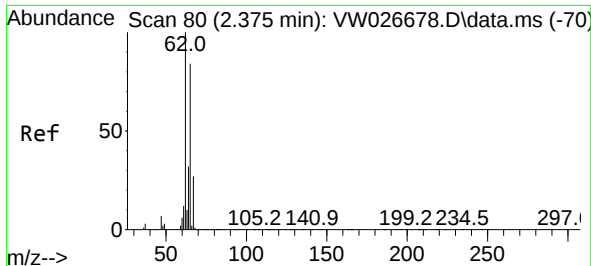
Tgt Ion: 85 Resp: 195473
 Ion Ratio Lower Upper
 85 100
 87 27.7 19.5 29.3



#3
 Chloromethane
 Concen: 21.687 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW026780.D
 Acq: 18 Aug 2023 19:22

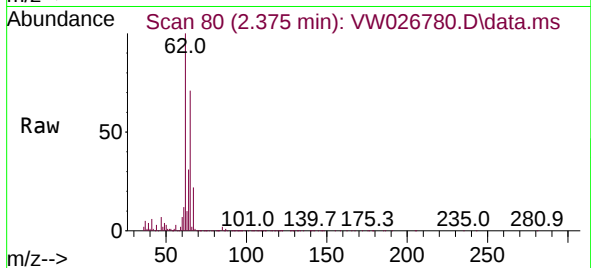
Tgt Ion: 50 Resp: 226406
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.0 42.8



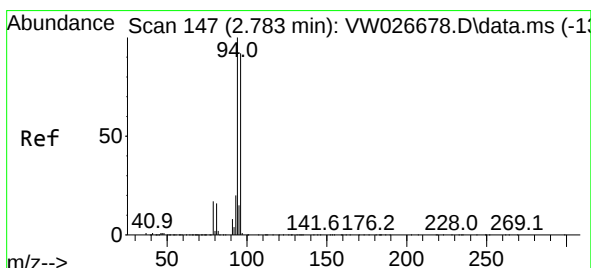
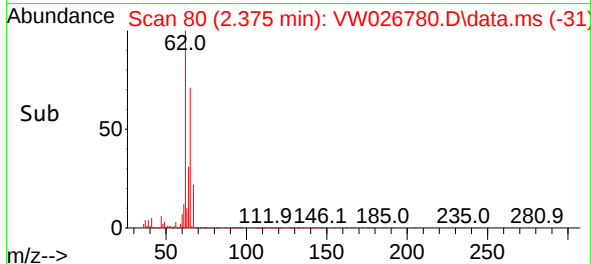
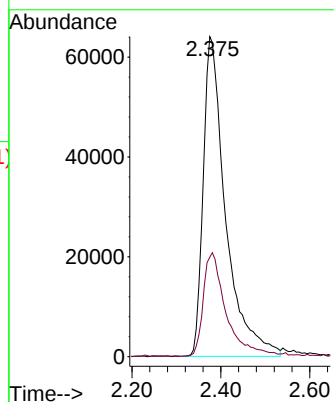


#5
 Vinyl chloride
 Concen: 22.475 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026780.D
 Acq: 18 Aug 2023 19:22

Instrument :
 MSVOA_W
 ClientSampleId :

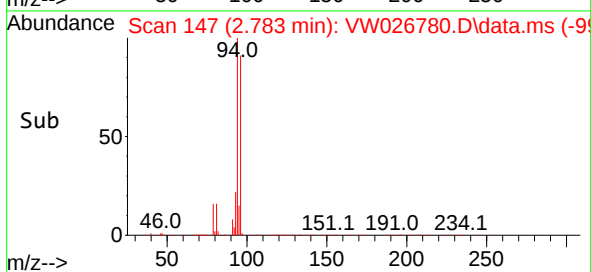
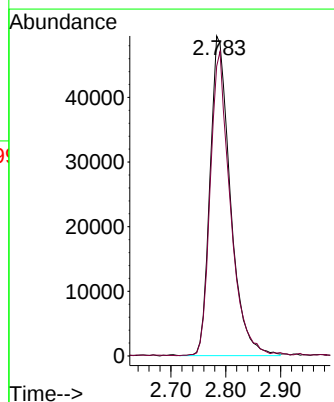
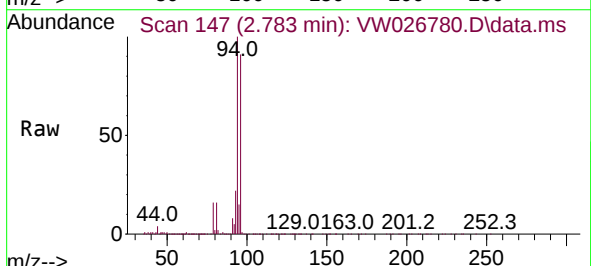


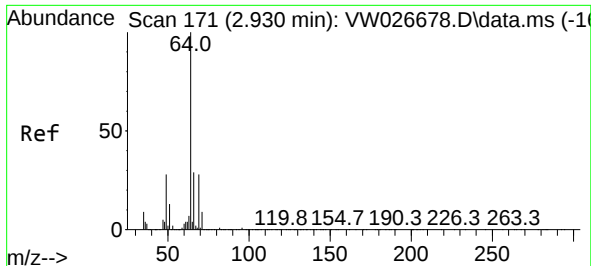
Tgt Ion: 62 Resp: 224306
 Ion Ratio Lower Upper
 62 100
 64 31.1 22.7 42.3



#6
 Bromomethane
 Concen: 21.864 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026780.D
 Acq: 18 Aug 2023 19:22

Tgt Ion: 94 Resp: 127134
 Ion Ratio Lower Upper
 94 100
 96 90.6 64.8 120.3

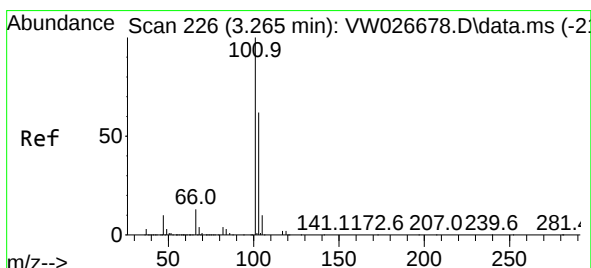
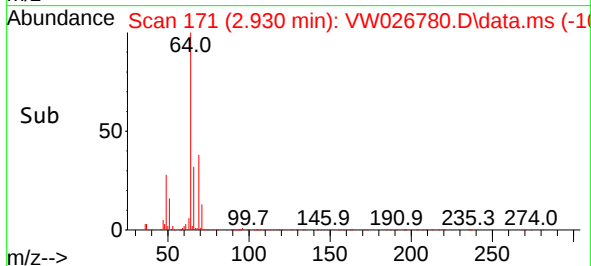
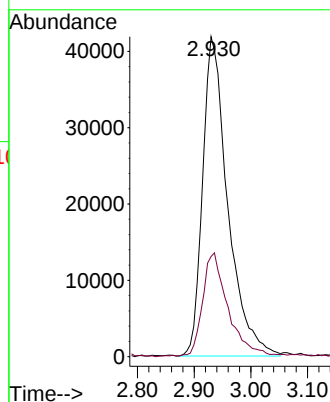
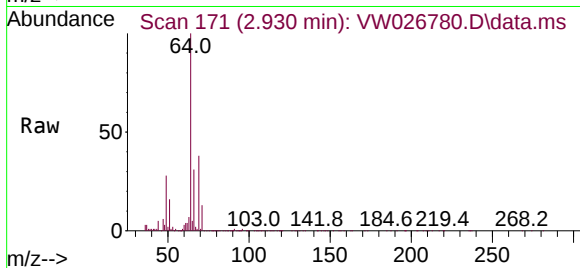




#8
Chloroethane
Concen: 21.557 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

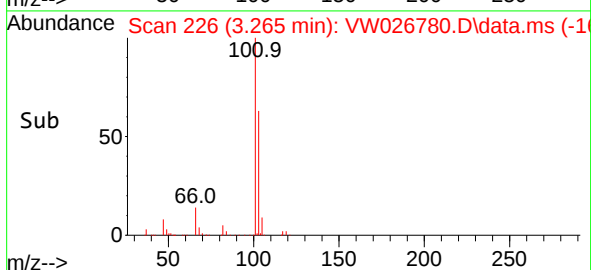
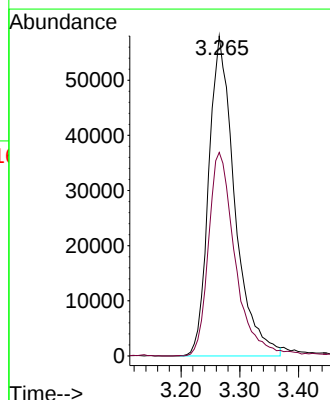
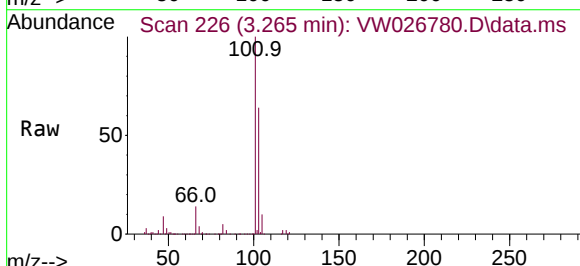
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MSVOA_W
ClientSampleId :

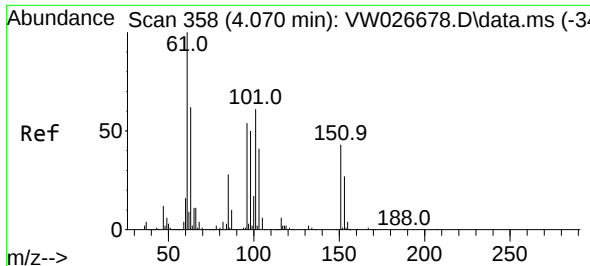
Tgt Ion: 64 Resp: 128914
Ion Ratio Lower Upper
64 100
66 31.3 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.806 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

Tgt Ion: 101 Resp: 178599
Ion Ratio Lower Upper
101 100
103 64.7 51.9 77.9

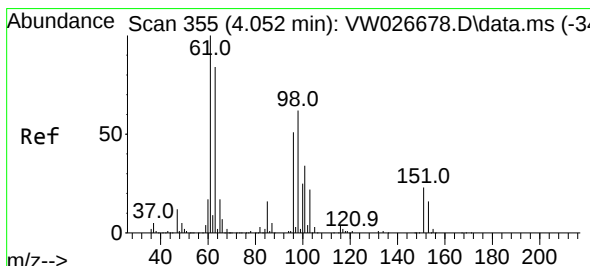
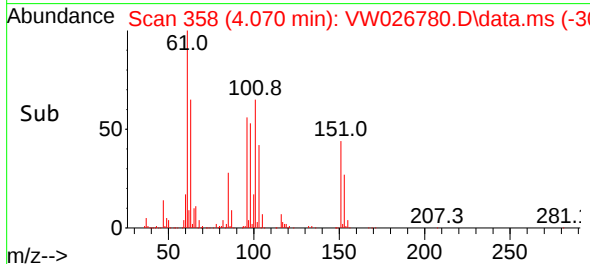
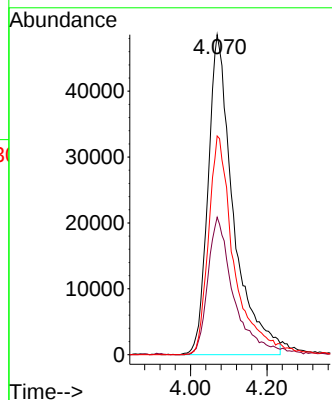
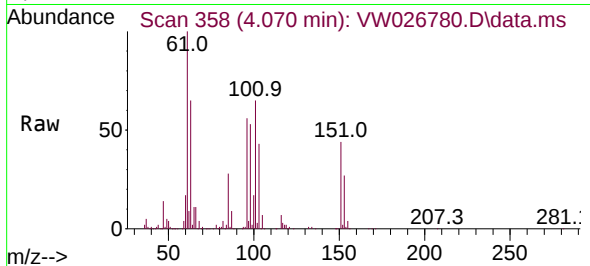




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.290 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026780.D
 Acq: 18 Aug 2023 19:22

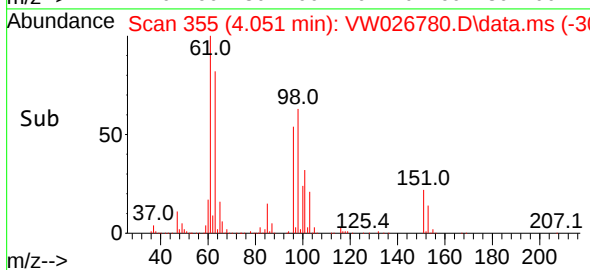
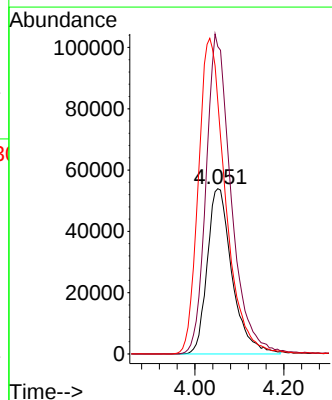
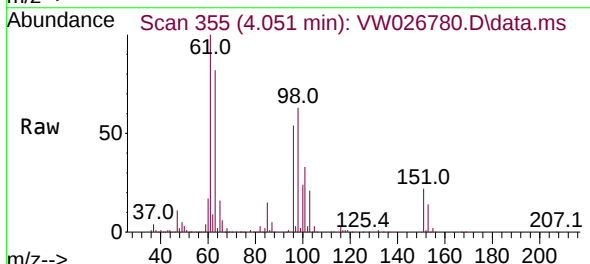
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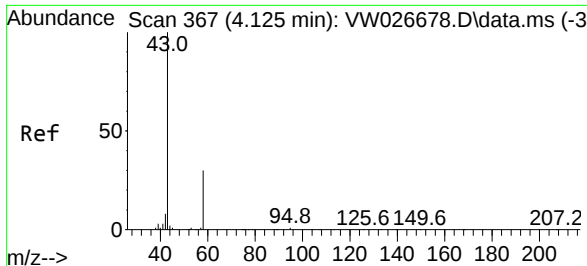
Tgt Ion:101 Resp: 223748
 Ion Ratio Lower Upper
 101 100
 85 41.4 32.8 49.2
 151 67.0 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 25.230 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026780.D
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Tgt Ion: 96 Resp: 209414
 Ion Ratio Lower Upper
 96 100
 61 186.0 133.2 247.4
 63 152.9 109.0 202.4

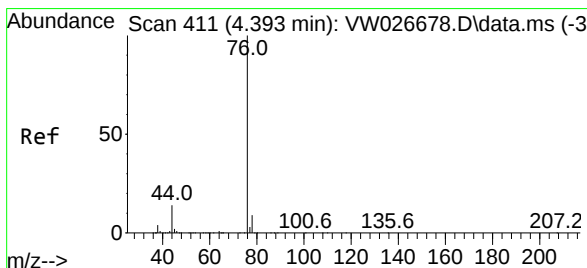
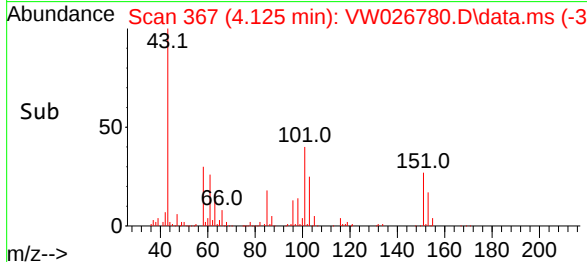
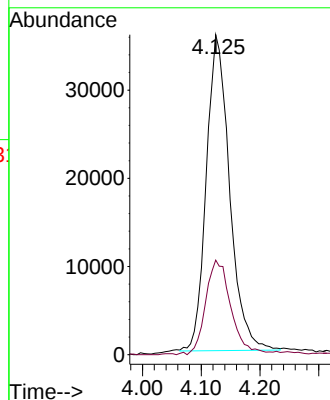
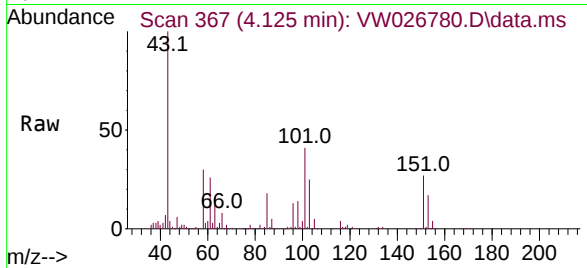




#13
Acetone
Concen: 37.463 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

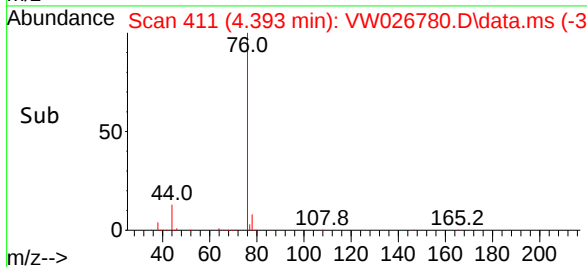
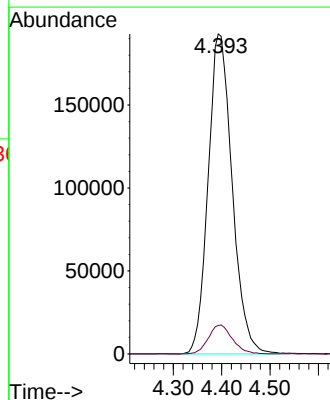
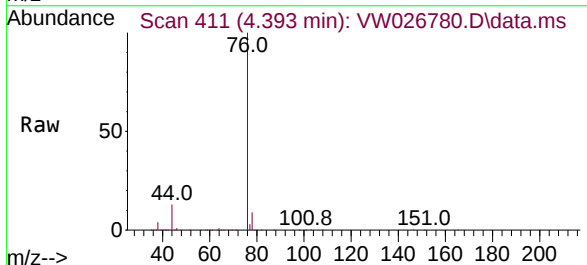
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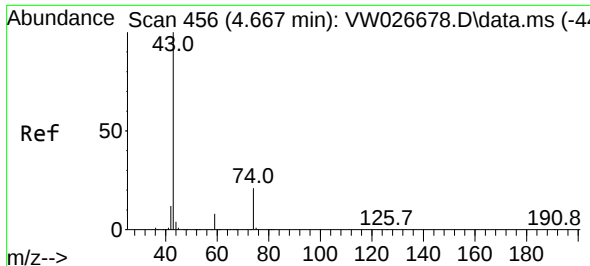
Tgt Ion: 43 Resp: 98830
Ion Ratio Lower Upper
43 100
58 31.5 0.0 57.4



#14
Carbon disulfide
Concen: 22.275 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 665149
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

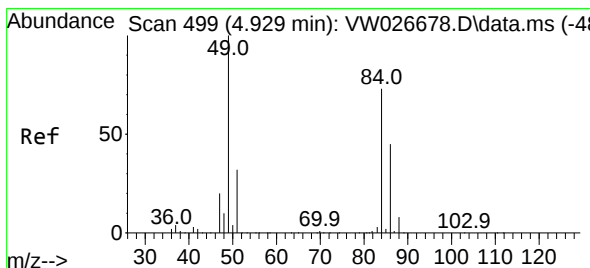
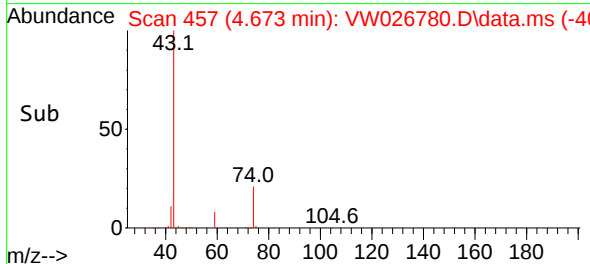
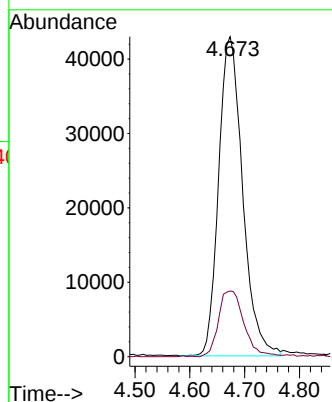
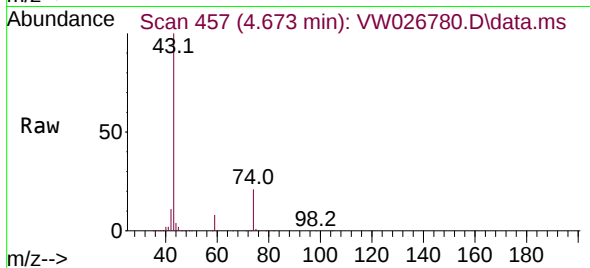




#15
Methyl Acetate
Concen: 24.717 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

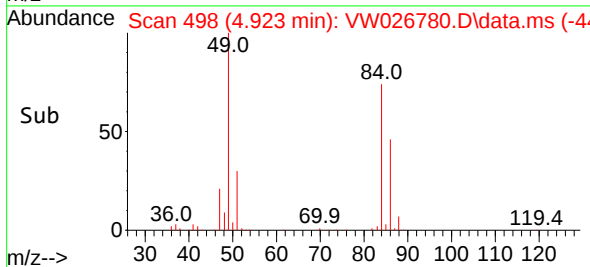
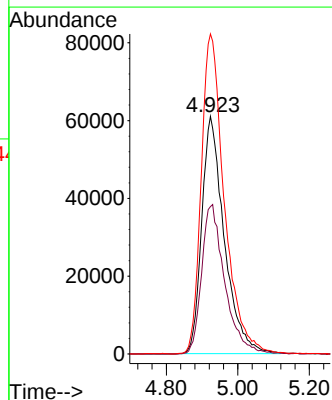
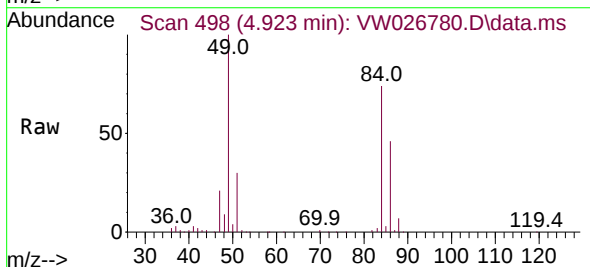
Instrument :
MSVOA_W
ClientSampleId :

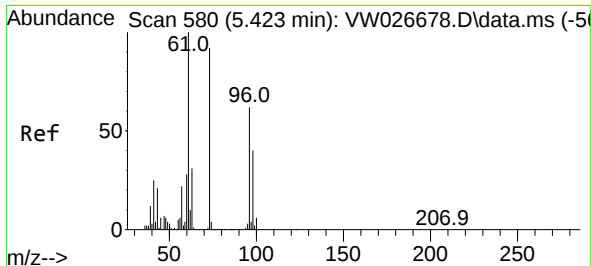
Tgt Ion: 43 Resp: 130615
Ion Ratio Lower Upper
43 100
74 21.8 16.4 24.6



#16
Methylene chloride
Concen: 24.562 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

Tgt Ion: 84 Resp: 266810
Ion Ratio Lower Upper
84 100
86 62.0 43.5 80.9
49 134.7 96.0 178.2

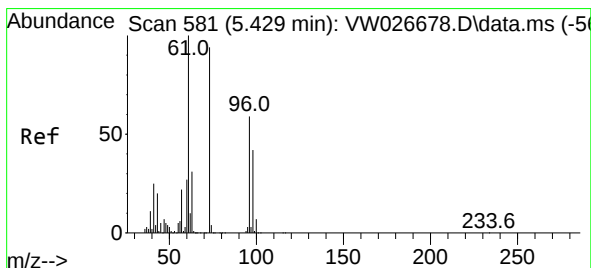
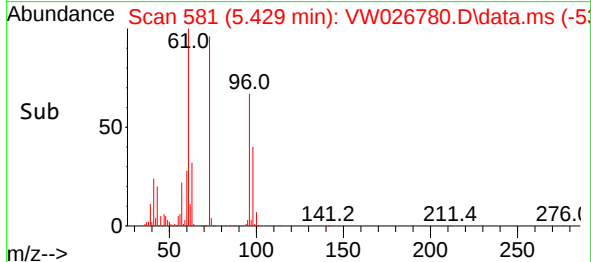
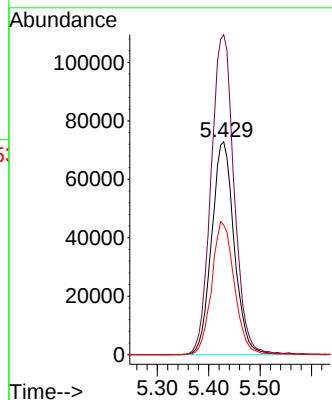
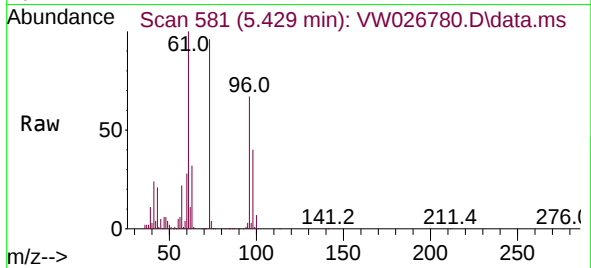




#17
trans-1,2-Dichloroethene
Concen: 23.948 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

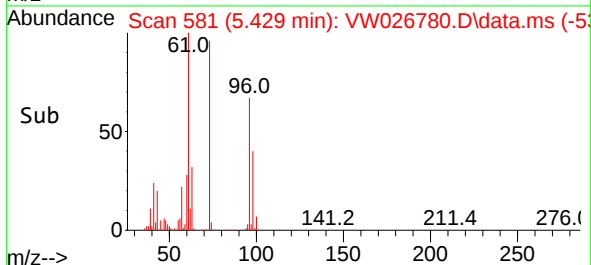
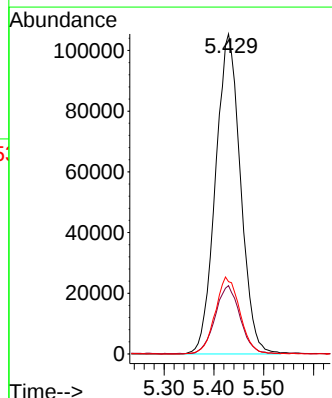
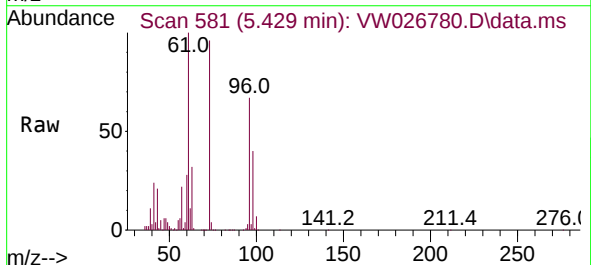
Instrument :
MSVOA_W
ClientSampleId :

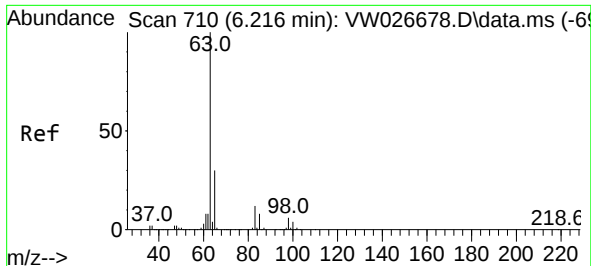
Tgt Ion: 96 Resp: 221806
Ion Ratio Lower Upper
96 100
61 150.3 109.4 203.2
98 60.8 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 26.119 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

Tgt Ion: 73 Resp: 366044
Ion Ratio Lower Upper
73 100
43 21.1 18.0 27.0
57 23.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.379 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

Instrument :

MSVOA_W

ClientSampleId :

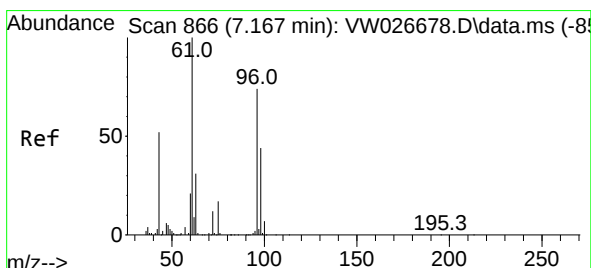
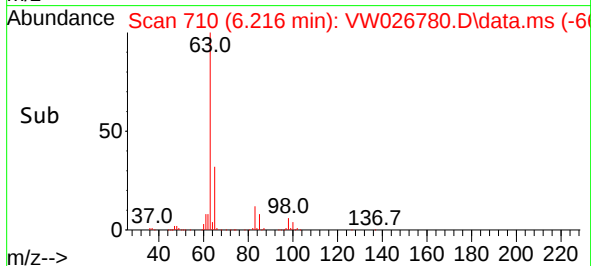
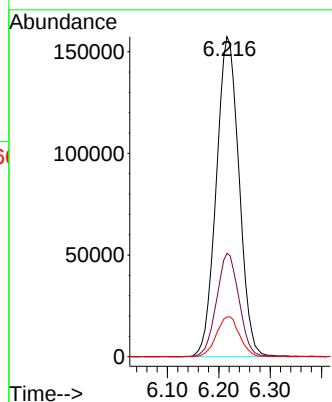
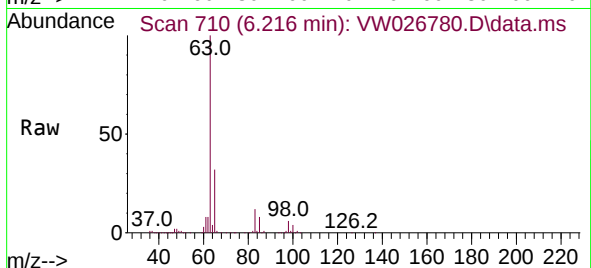
Tgt Ion: 63 Resp: 483793

Ion Ratio Lower Upper

63 100

65 32.2 21.8 40.6

83 12.4 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 25.723 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

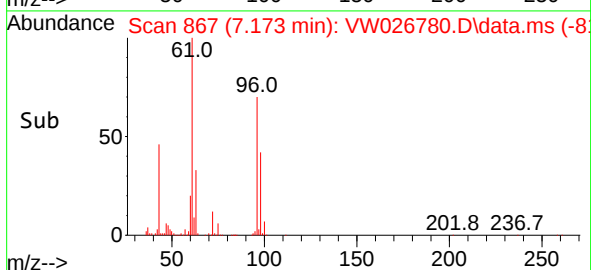
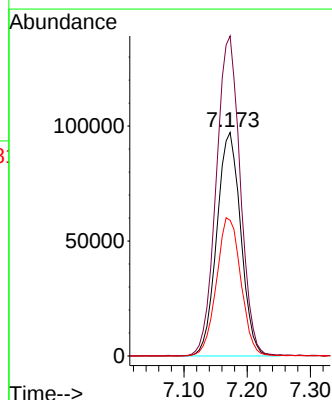
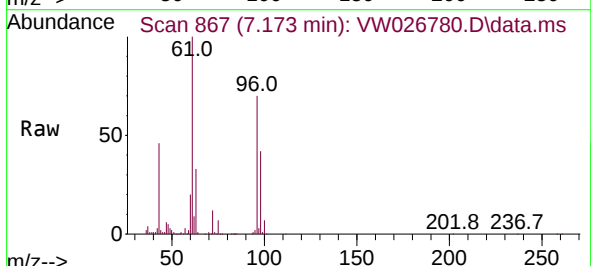
Tgt Ion: 96 Resp: 256080

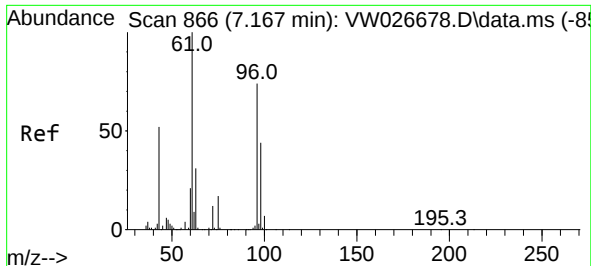
Ion Ratio Lower Upper

96 100

61 143.1 101.2 188.0

98 60.7 43.8 81.3

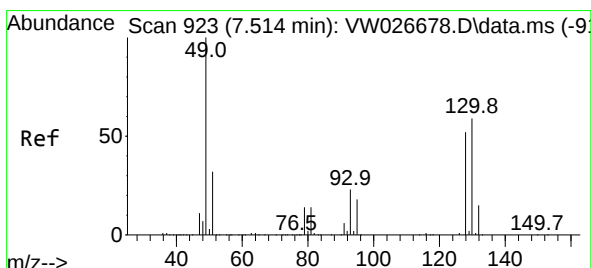
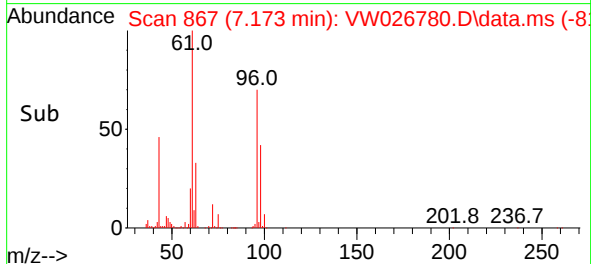
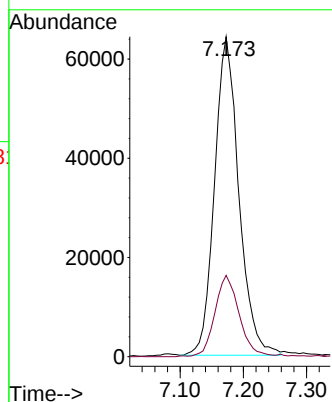
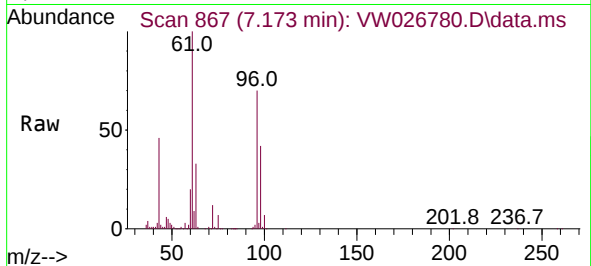




#22
2-Butanone
Concen: 44.040 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

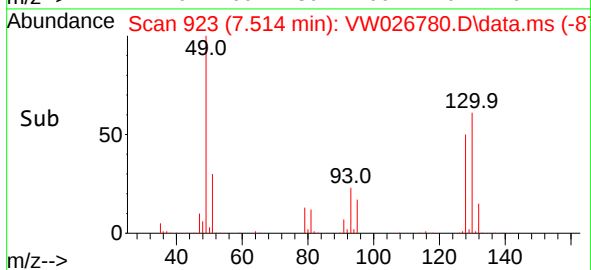
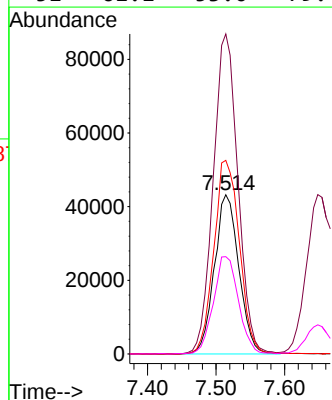
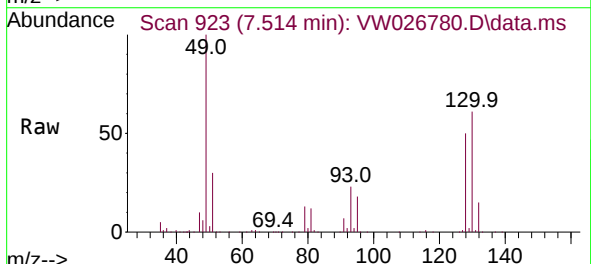
Instrument :
MSVOA_W
ClientSampleId :

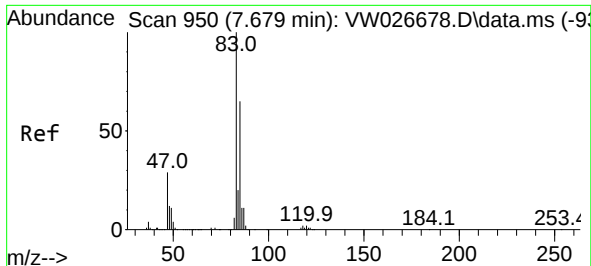
Tgt Ion: 43 Resp: 171217
Ion Ratio Lower Upper
43 100
72 25.4 11.8 35.4



#23
Bromochloromethane
Concen: 24.907 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

Tgt Ion: 128 Resp: 107113
Ion Ratio Lower Upper
128 100
49 201.0 143.1 265.7
130 121.6 91.8 170.4
51 61.1 53.0 79.4

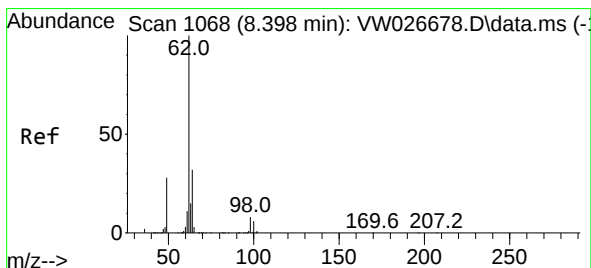
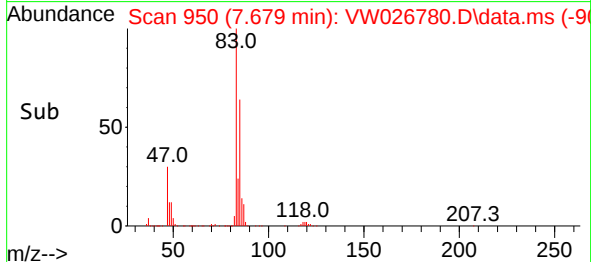
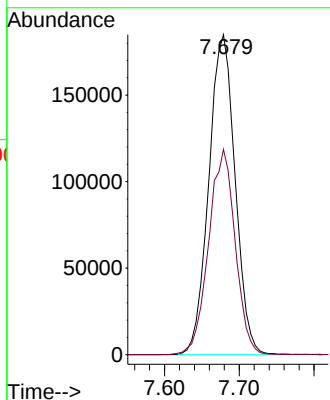
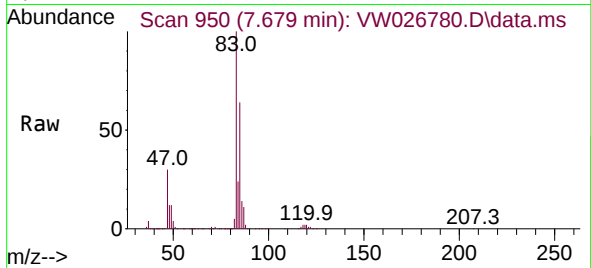




#25
Chloroform
Concen: 24.605 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

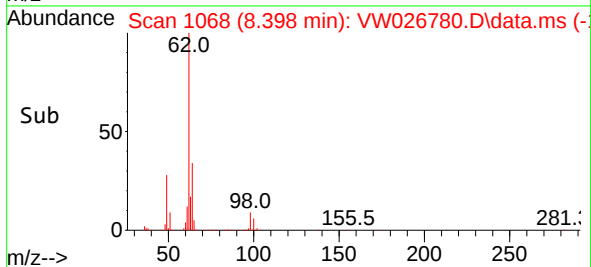
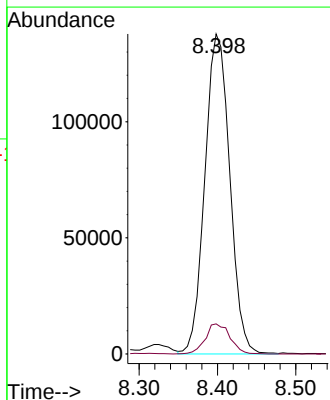
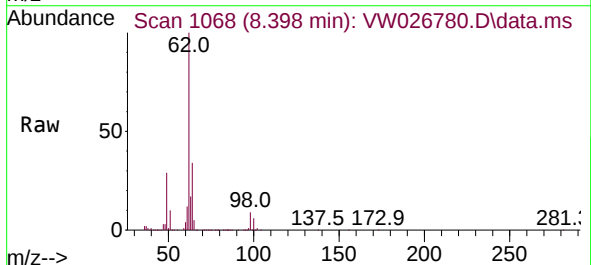
Instrument :
MSVOA_W
ClientSampleId :

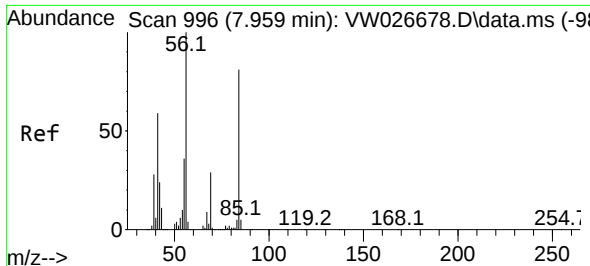
Tgt Ion: 83 Resp: 453138
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.2



#27
1,2-Dichloroethane
Concen: 23.711 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

Tgt Ion: 62 Resp: 304633
Ion Ratio Lower Upper
62 100
98 9.4 7.1 10.7

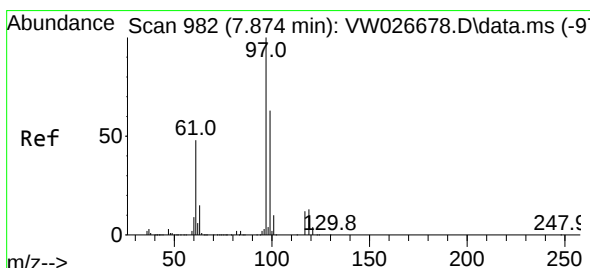
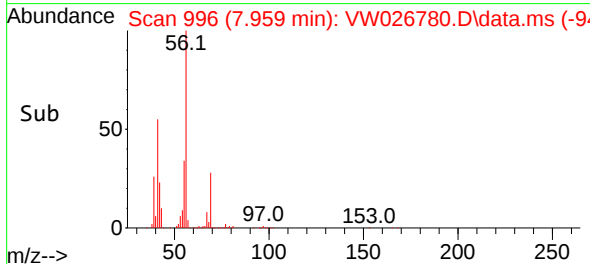
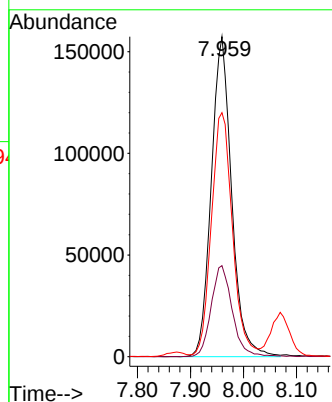
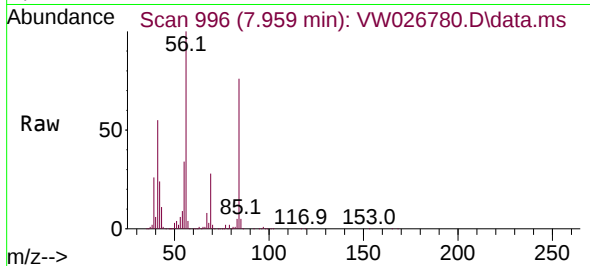




#29
Cyclohexane
Concen: 25.333 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

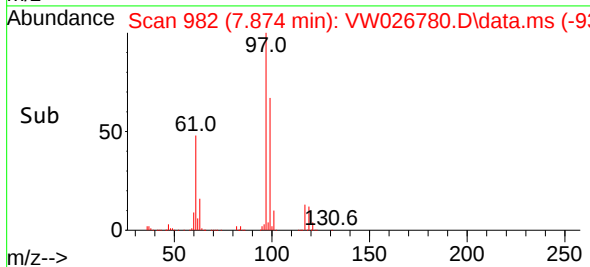
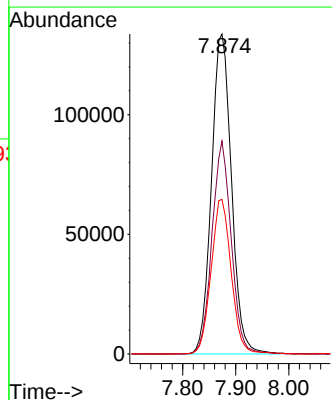
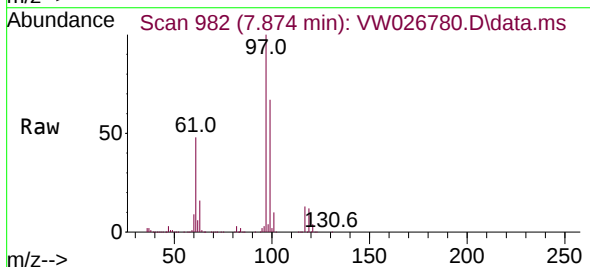
Instrument :
MSVOA_W
ClientSampleId :

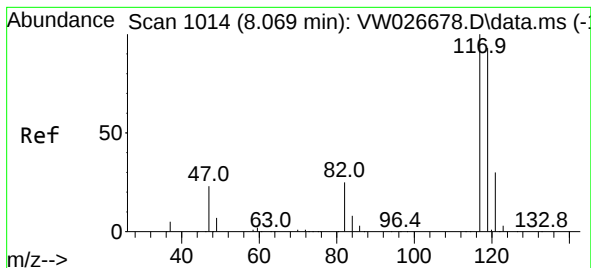
Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.2	34.8
84	78.8	62.7	94.1



#30
1,1,1-Trichloroethane
Concen: 25.071 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.2	76.8
61	48.6	39.2	58.8





#31

Carbon tetrachloride

Concen: 23.940 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

Instrument :

MSVOA_W

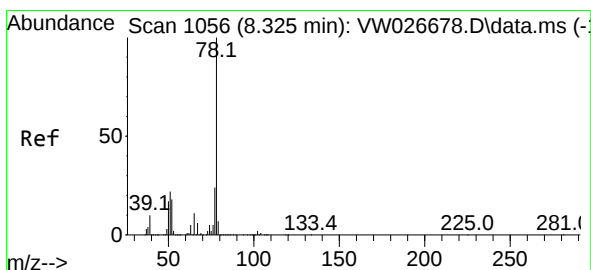
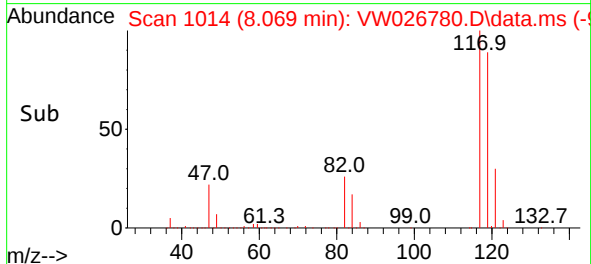
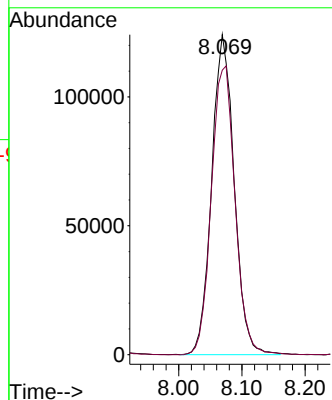
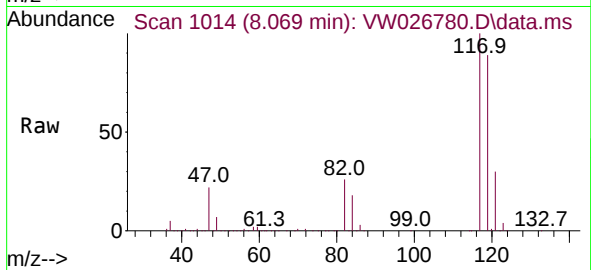
ClientSampleId :

Tgt Ion:117 Resp: 306033

Ion Ratio Lower Upper

117 100

119 95.1 73.0 109.4



#33

Benzene

Concen: 26.443 ug/L

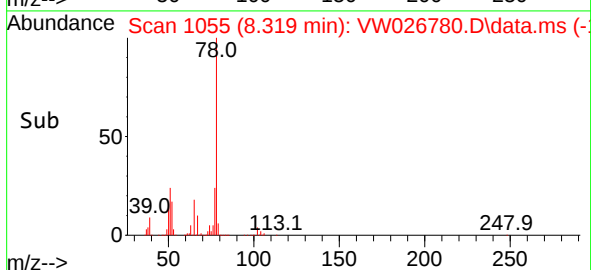
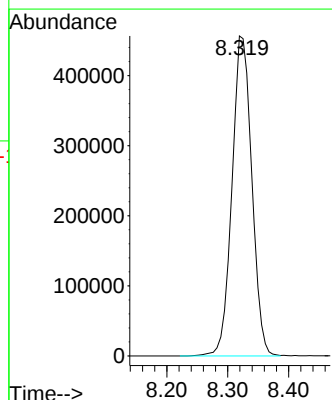
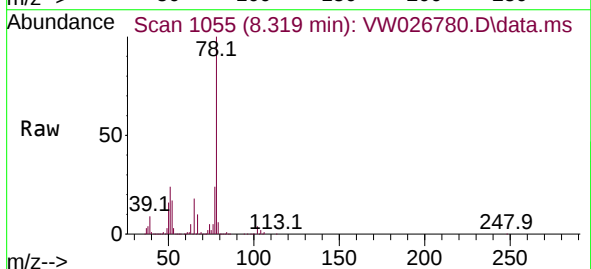
RT: 8.319 min Scan# 1055

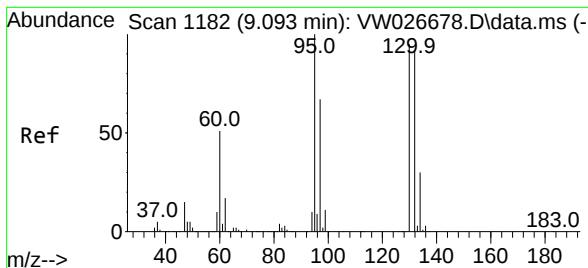
Delta R.T. -0.006 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

Tgt Ion: 78 Resp: 1031612





#34

Trichloroethene

Concen: 24.618 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

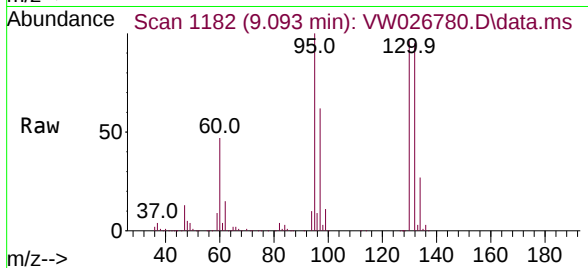
Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 244605

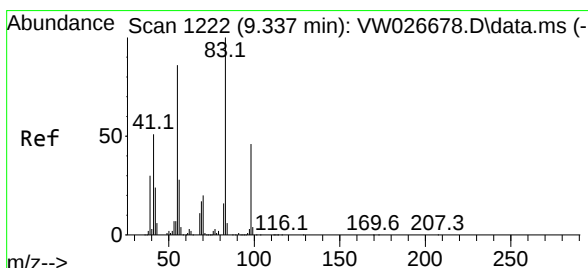
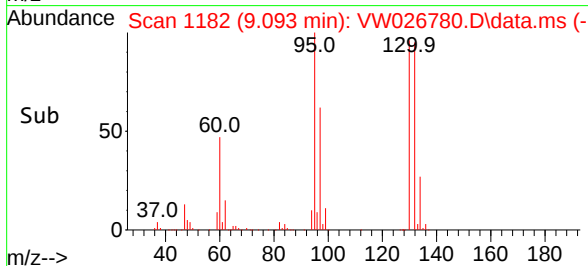
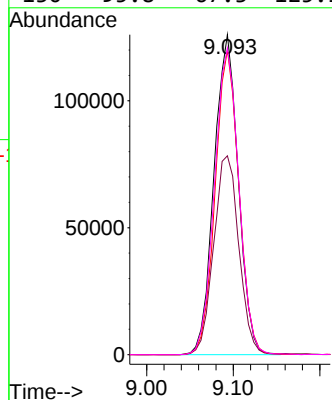
Ion Ratio Lower Upper

95 100

97 62.2 44.6 82.8

132 95.2 66.4 123.2

130 95.8 67.3 125.1



#35

Methylcyclohexane

Concen: 26.610 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

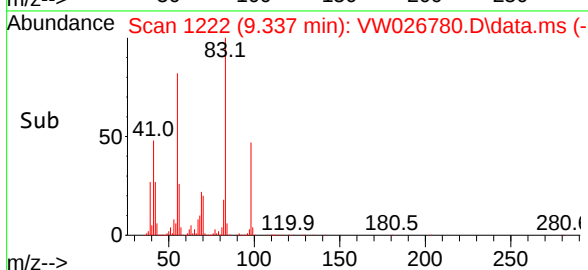
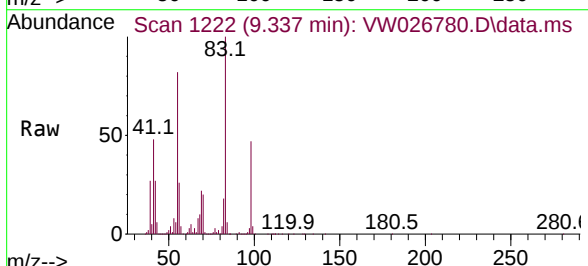
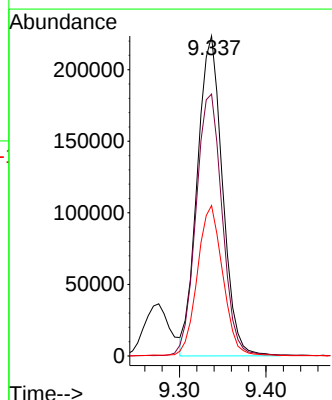
Tgt Ion: 83 Resp: 452307

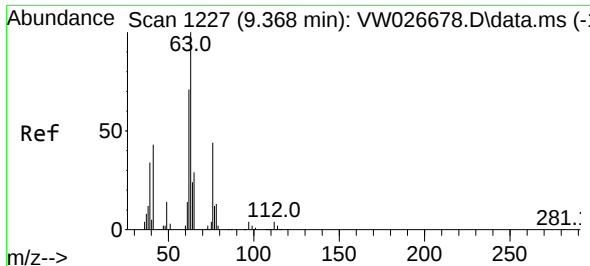
Ion Ratio Lower Upper

83 100

55 84.8 69.3 103.9

98 47.5 37.4 56.0





#37

1,2-Dichloropropane

Concen: 26.429 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

Instrument :

MSVOA_W

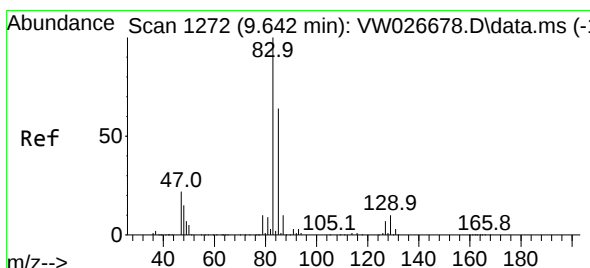
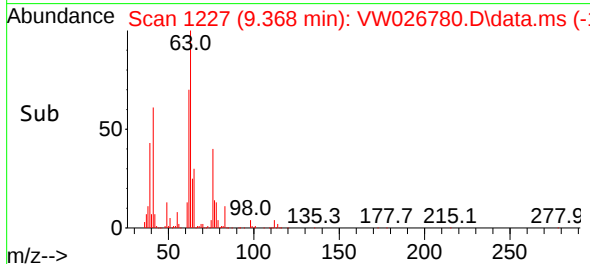
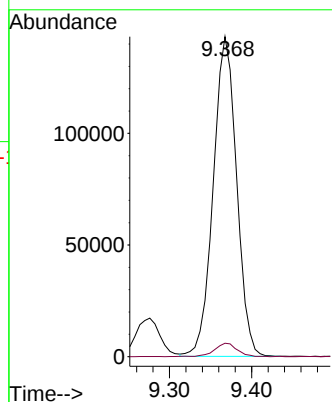
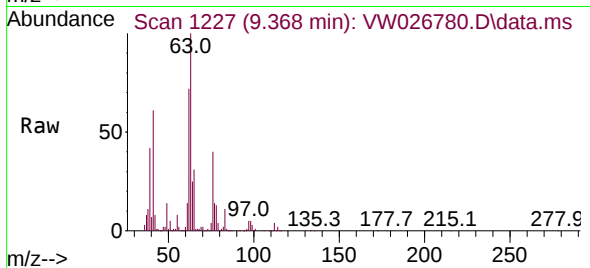
ClientSampleId :

Tgt Ion: 63 Resp: 282410

Ion Ratio Lower Upper

63 100

112 4.0 3.1 4.7



#38

Bromodichloromethane

Concen: 25.571 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

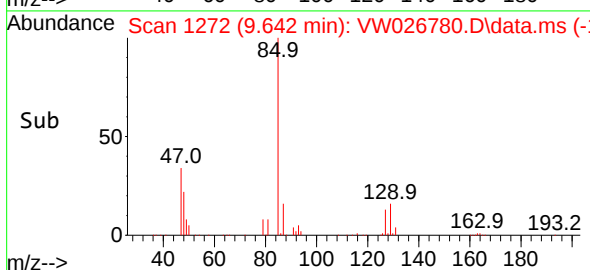
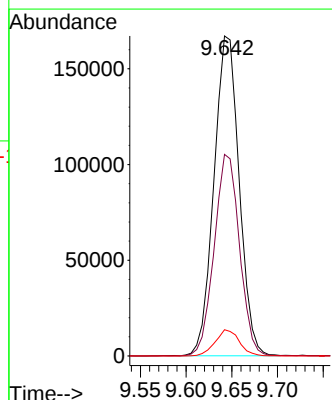
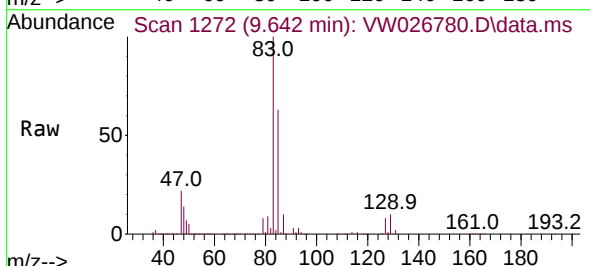
Tgt Ion: 83 Resp: 320551

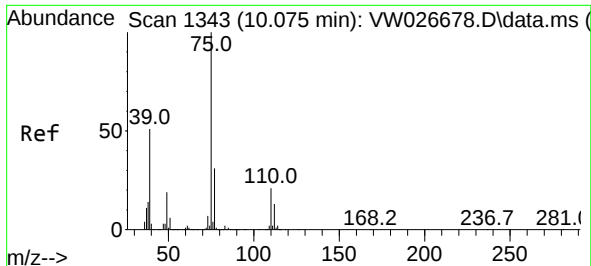
Ion Ratio Lower Upper

83 100

85 63.0 45.4 84.2

127 8.2 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.685 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

Instrument :

MSVOA_W

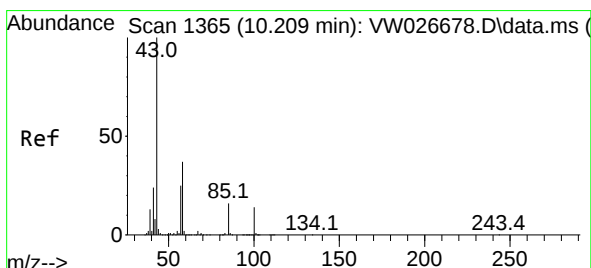
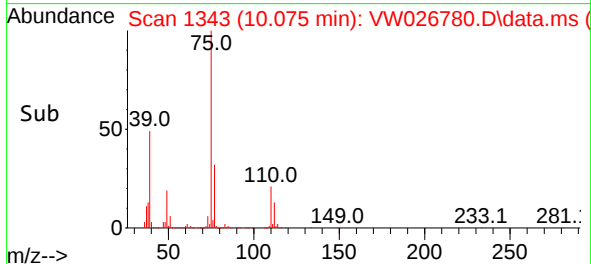
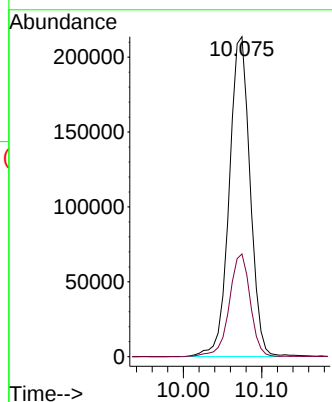
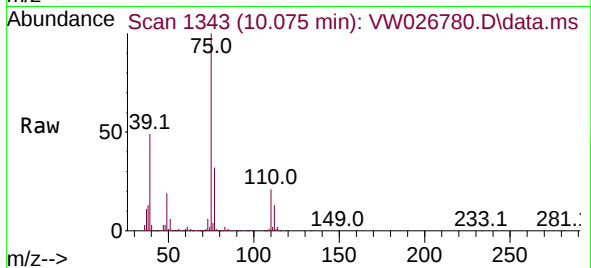
ClientSampleId :

Tgt Ion: 75 Resp: 394846

Ion Ratio Lower Upper

75 100

77 32.1 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 51.723 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

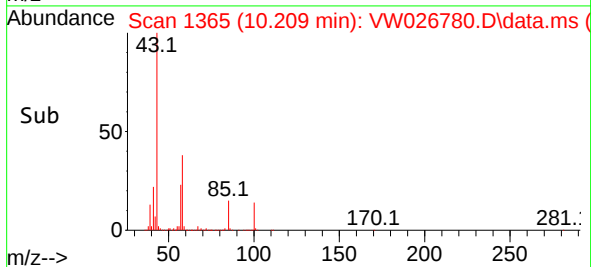
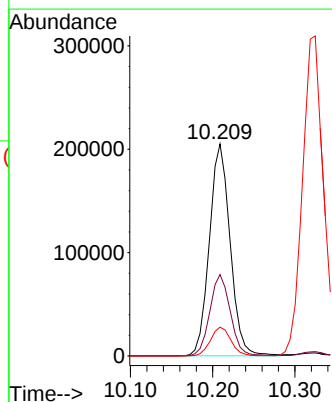
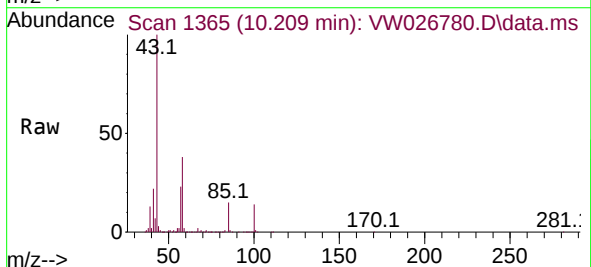
Tgt Ion: 43 Resp: 359519

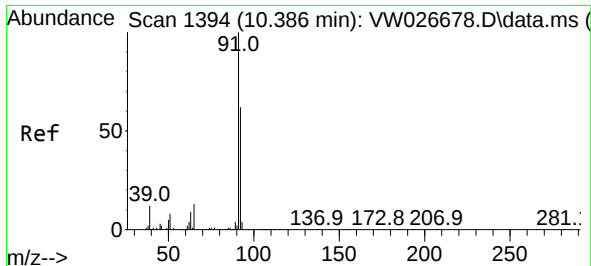
Ion Ratio Lower Upper

43 100

58 38.1 29.2 43.8

100 13.5 10.7 16.1

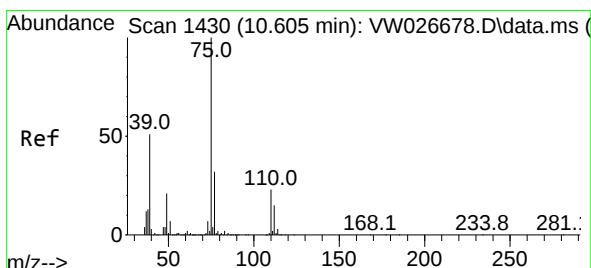
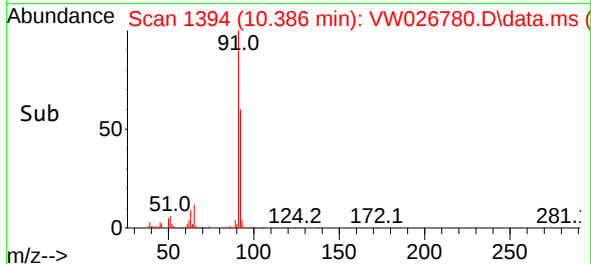
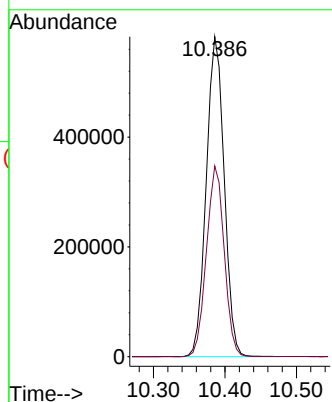
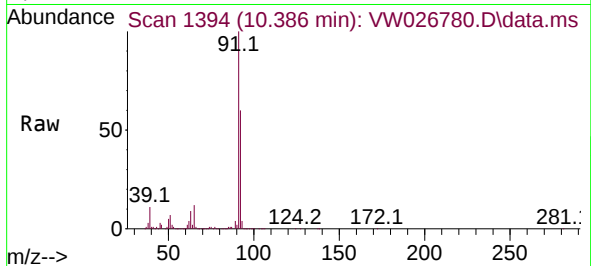




#42
Toluene
Concen: 25.752 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

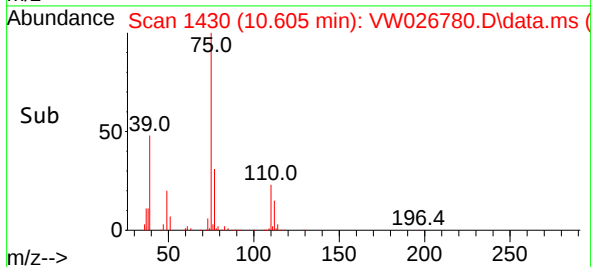
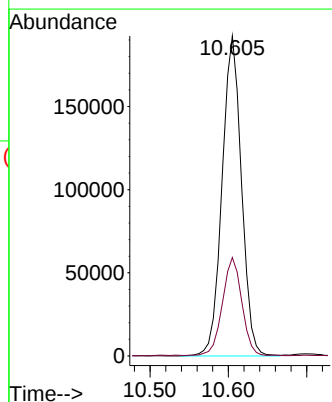
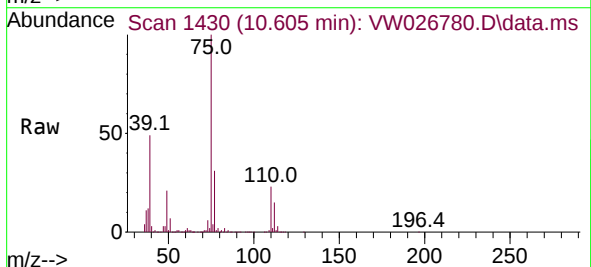
Instrument :
MSVOA_W
ClientSampleId :

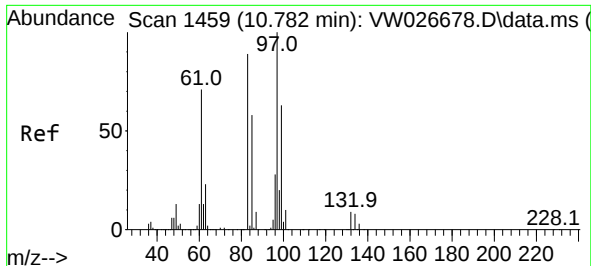
Tgt Ion: 91 Resp: 1016286
Ion Ratio Lower Upper
91 100
92 59.6 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 25.046 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

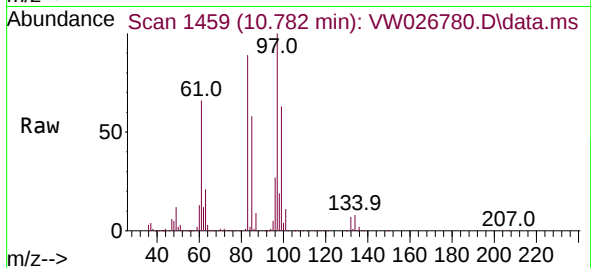
Tgt Ion: 75 Resp: 331400
Ion Ratio Lower Upper
75 100
77 30.8 21.2 39.4



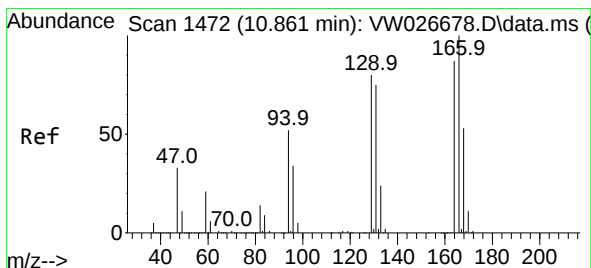
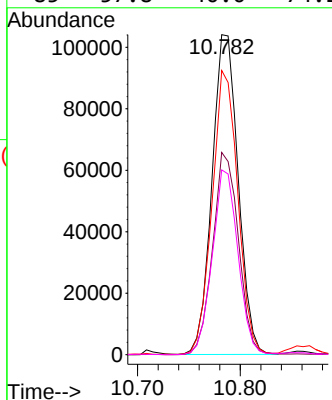
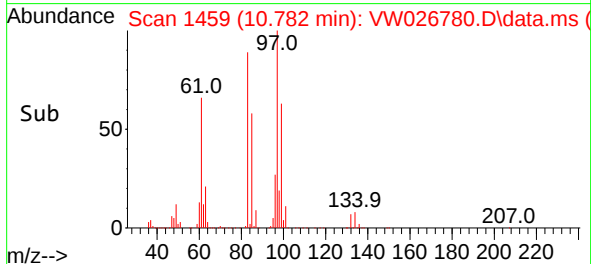


#45
1,1,2-Trichloroethane
Concen: 25.210 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

Instrument :
MSVOA_W
ClientSampleId :

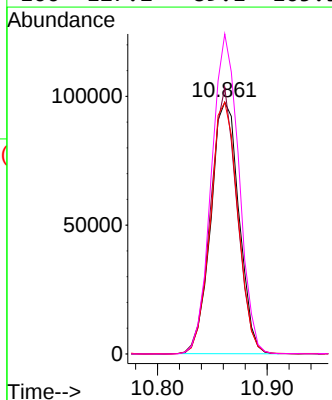
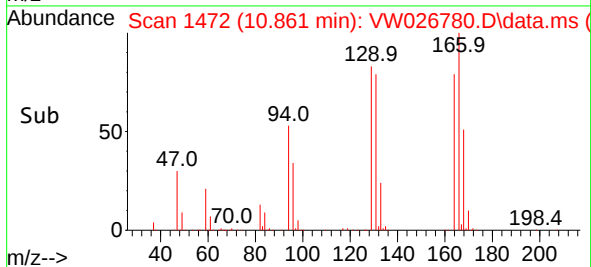
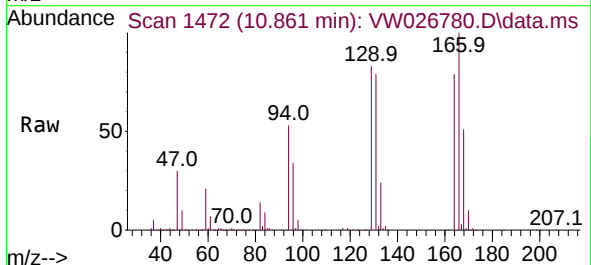


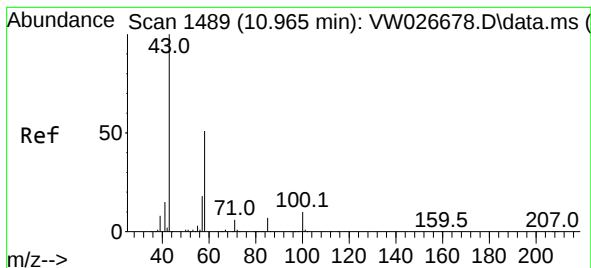
Tgt Ion: 97	Resp: 184240
Ion Ratio	Lower Upper
97 100	
99 63.2	44.2 82.0
83 88.8	61.9 114.9
85 57.8	40.0 74.2



#46
Tetrachloroethene
Concen: 24.114 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

Tgt	Ion:164	Resp:	174063
Ion	Ratio	Lower	Upper
164	100		
129	105.9	68.1	126.5
131	100.1	65.5	121.7
166	127.2	89.1	165.5





#48

2-Hexanone

Concen: 51.918 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

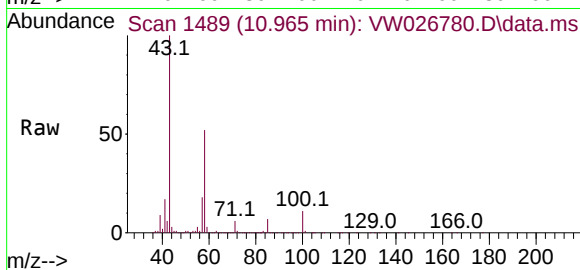
Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 245554

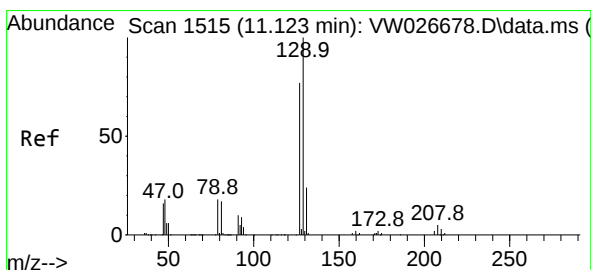
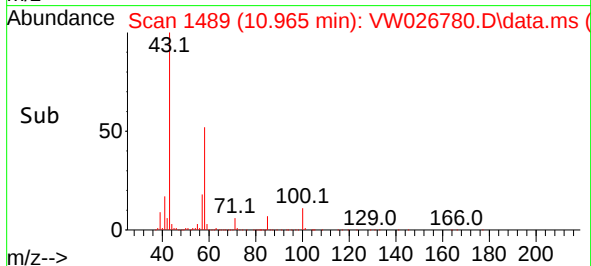
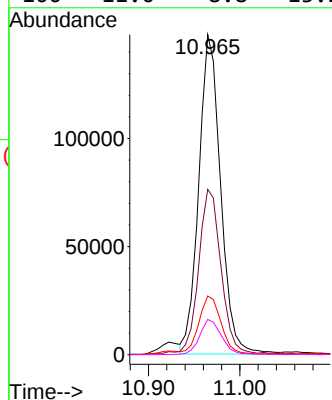
Ion Ratio Lower Upper

43 100

58 52.9 41.1 61.7

57 18.8 14.3 21.5

100 11.0 8.8 13.2



#49

Dibromochloromethane

Concen: 25.113 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW026780.D

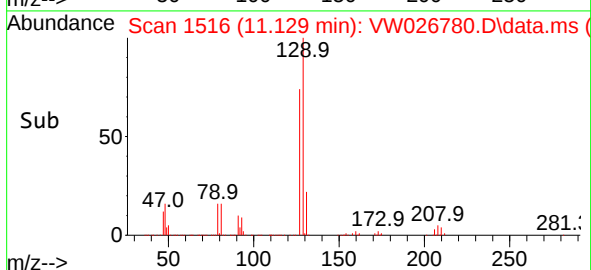
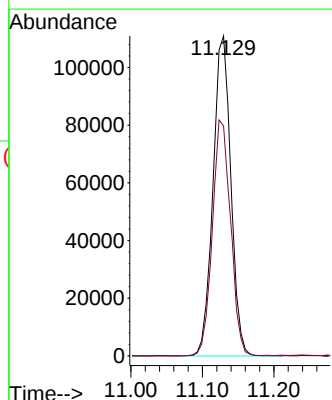
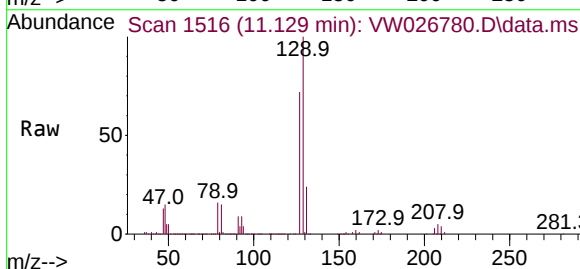
Acq: 18 Aug 2023 19:22

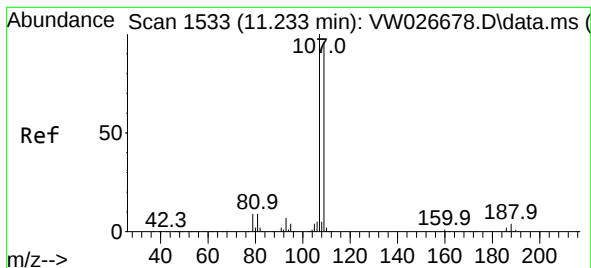
Tgt Ion: 129 Resp: 191950

Ion Ratio Lower Upper

129 100

127 71.9 56.6 105.2

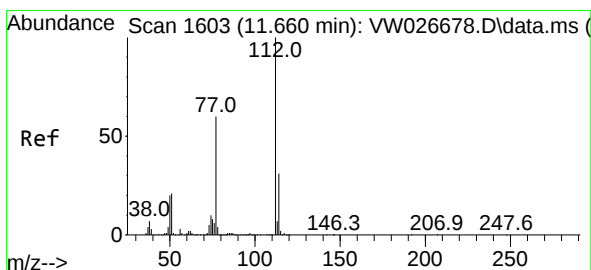
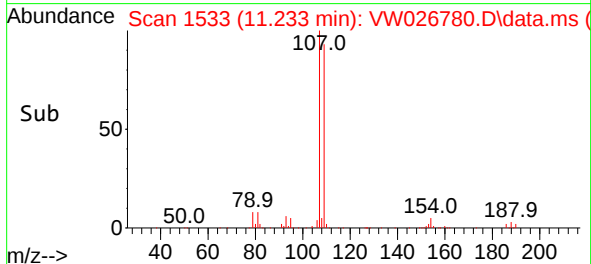
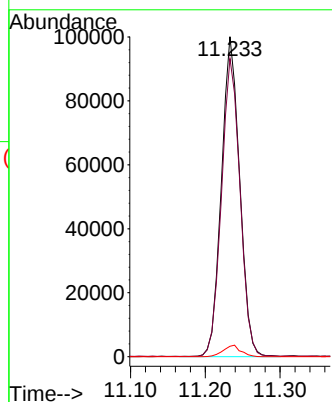
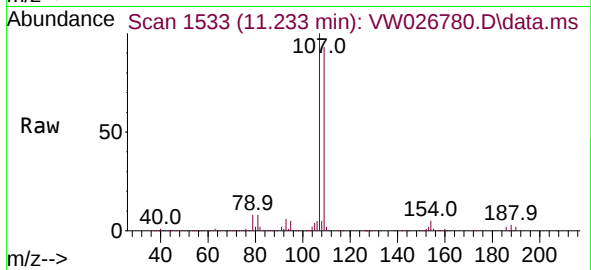




#50
1,2-Dibromoethane
Concen: 24.864 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

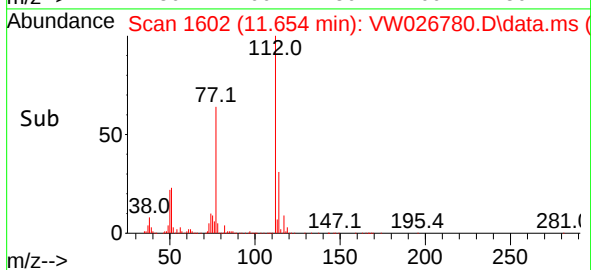
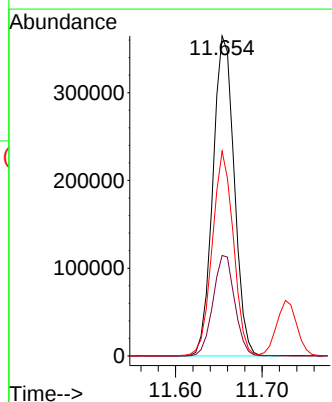
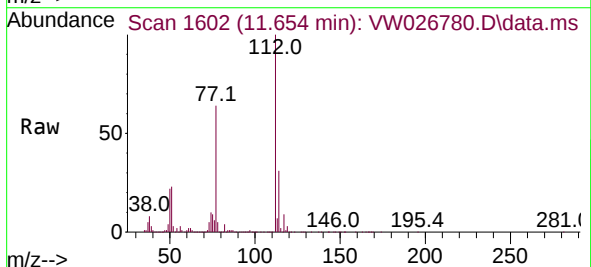
Instrument :
MSVOA_W
ClientSampleId :

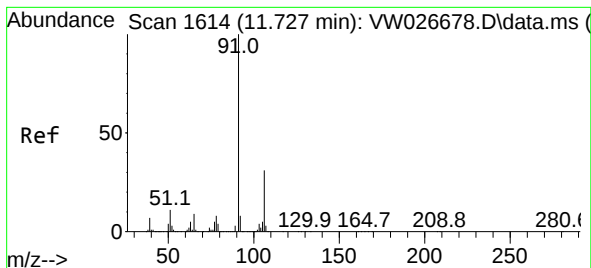
Tgt Ion:107 Resp: 170495
Ion Ratio Lower Upper
107 100
109 93.2 68.8 127.8
188 3.3 2.7 4.1



#51
Chlorobenzene
Concen: 25.030 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

Tgt Ion:112 Resp: 623966
Ion Ratio Lower Upper
112 100
114 31.4 22.4 41.6
77 64.0 50.2 75.2

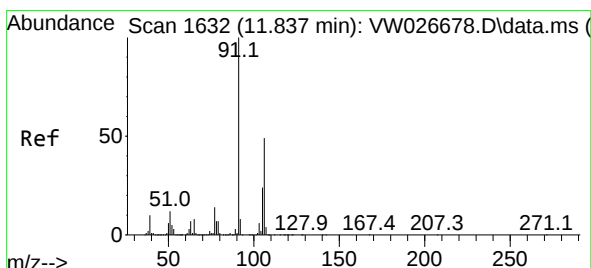
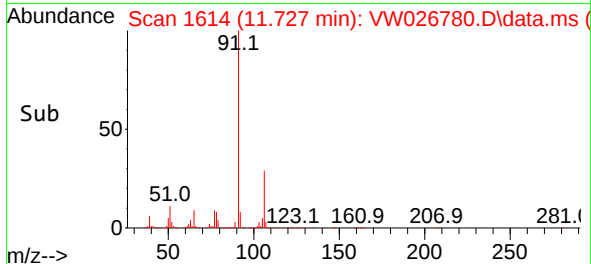
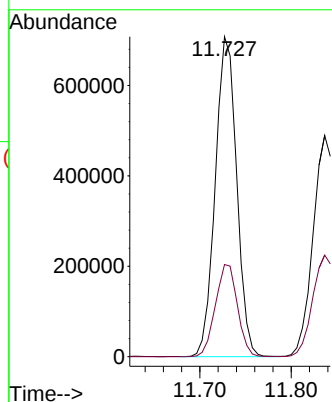
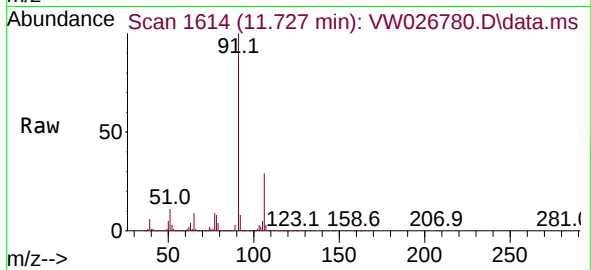




#52
Ethylbenzene
Concen: 26.018 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

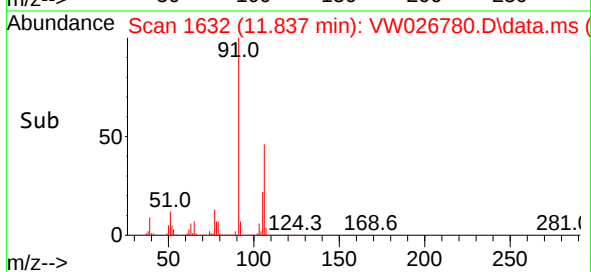
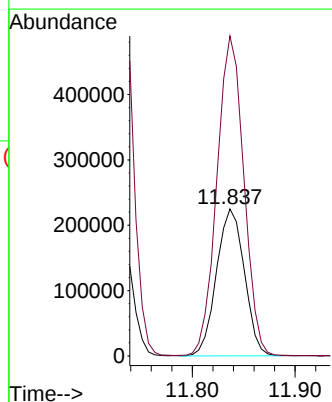
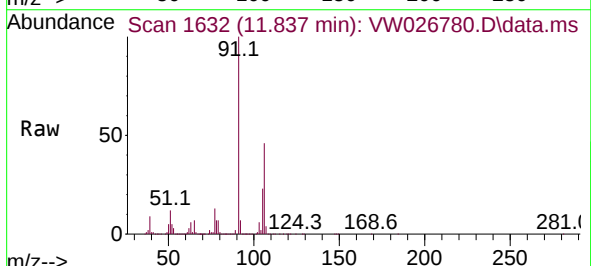
Instrument :
MSVOA_W
ClientSampleId :

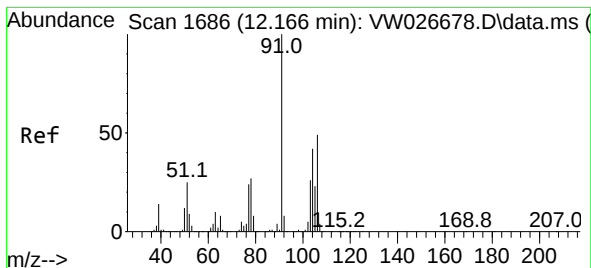
Tgt Ion: 91 Resp: 1151427
Ion Ratio Lower Upper
91 100
106 28.8 20.2 37.6



#53
m,p-Xylene
Concen: 25.802 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

Tgt Ion:106 Resp: 423020
Ion Ratio Lower Upper
106 100
91 217.7 152.9 284.1





#54

o-Xylene

Concen: 26.557 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

Instrument :

MSVOA_W

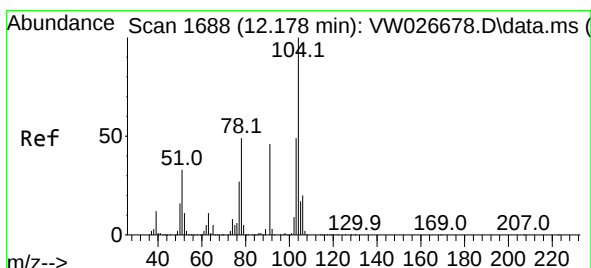
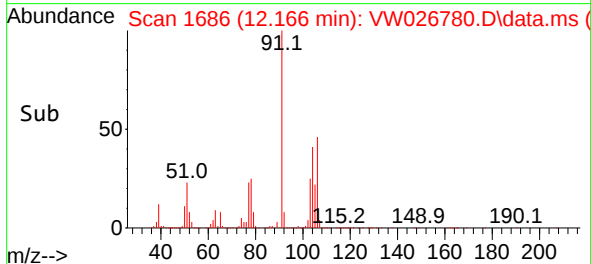
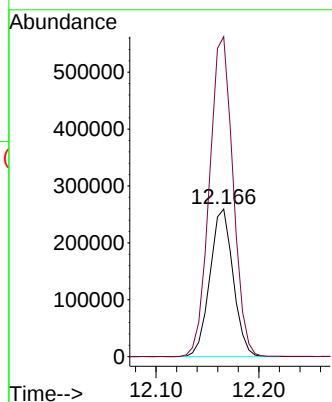
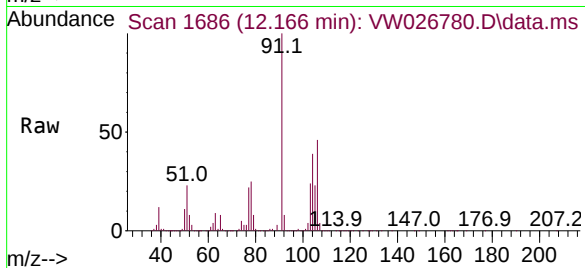
ClientSampleId :

Tgt Ion:106 Resp: 406364

Ion Ratio Lower Upper

106 100

91 216.7 149.9 278.3



#55

Styrene

Concen: 27.046 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026780.D

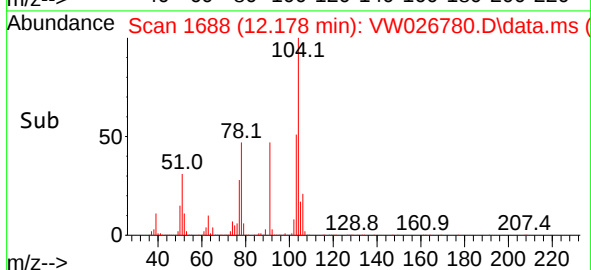
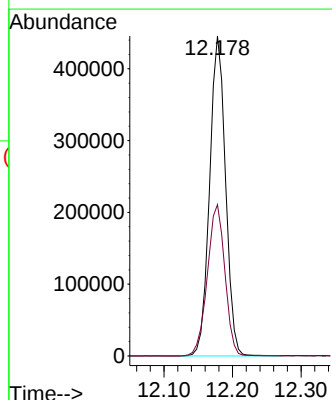
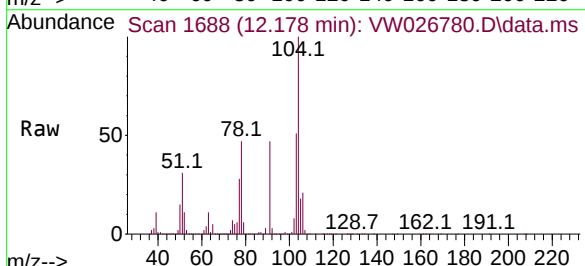
Acq: 18 Aug 2023 19:22

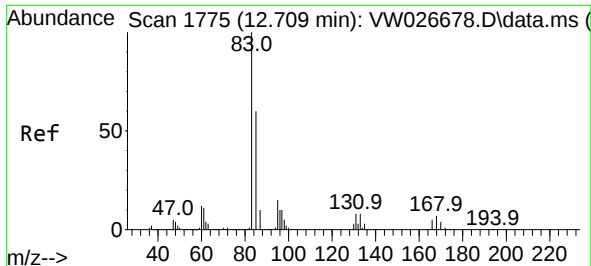
Tgt Ion:104 Resp: 719577

Ion Ratio Lower Upper

104 100

78 47.3 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 25.200 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026780.D

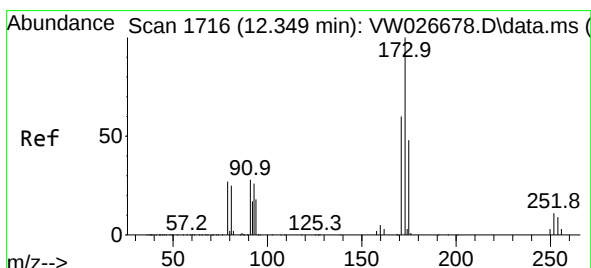
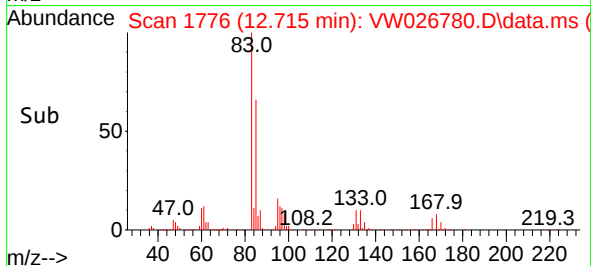
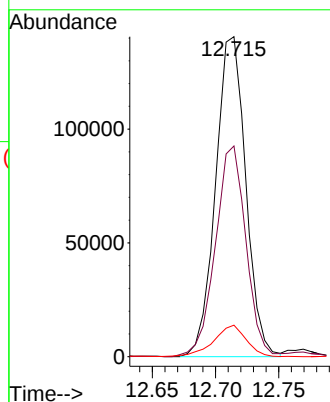
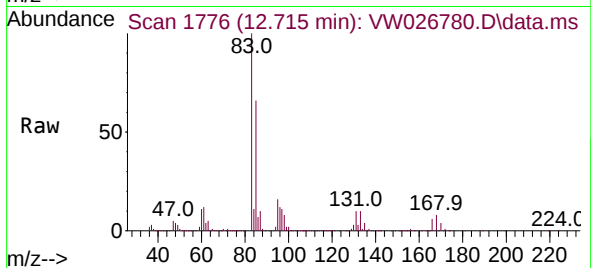
Acq: 18 Aug 2023 19:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 233235
Ion Ratio	Lower Upper
83 100	
85 65.8	44.9 83.3
131 9.8	7.4 11.0



#59

Bromoform

Concen: 22.827 ug/L

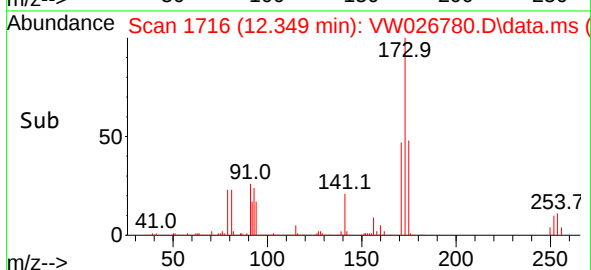
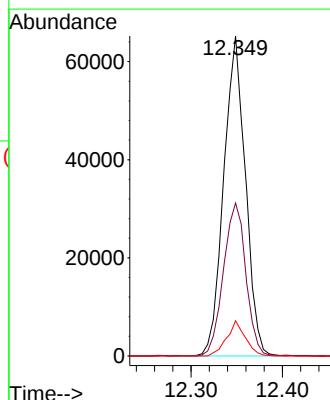
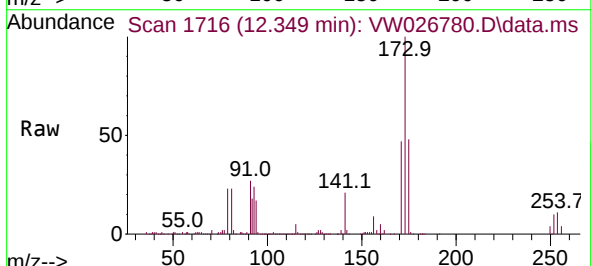
RT: 12.349 min Scan# 1716

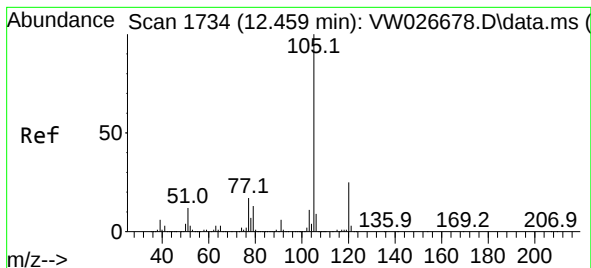
Delta R.T. 0.000 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

Tgt Ion:173	Resp:	107631	
Ion	Ratio	Lower	Upper
173	100		
175	49.3	36.6	55.0
254	9.4	7.8	11.6





#60

Isopropylbenzene

Concen: 25.711 ug/L

RT: 12.458 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

Instrument :

MSVOA_W

ClientSampleId :

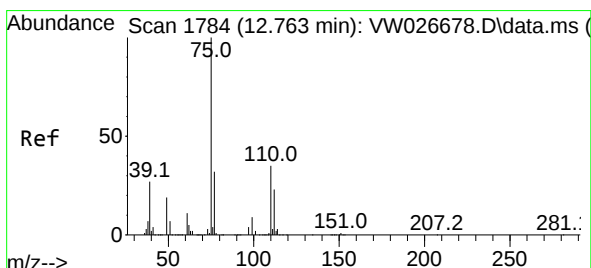
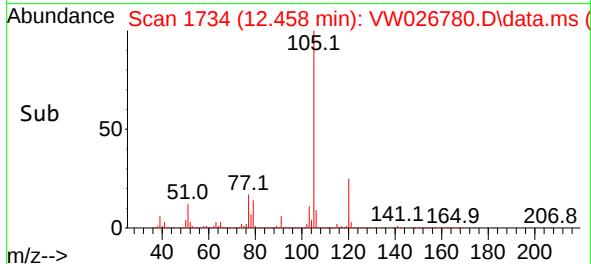
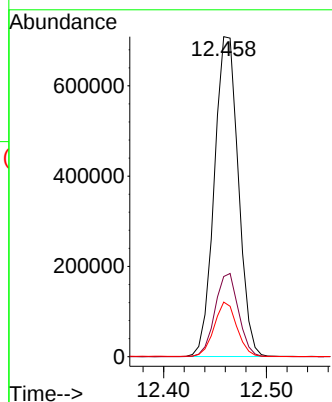
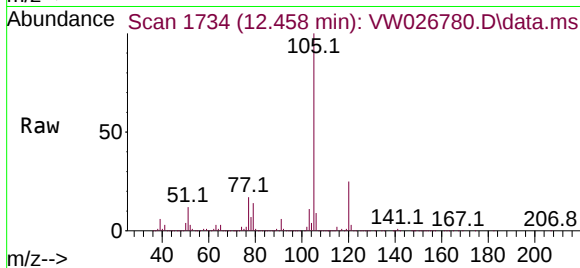
Tgt Ion:105 Resp: 1150585

Ion Ratio Lower Upper

105 100

120 25.4 21.0 31.6

77 16.0 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 24.192 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

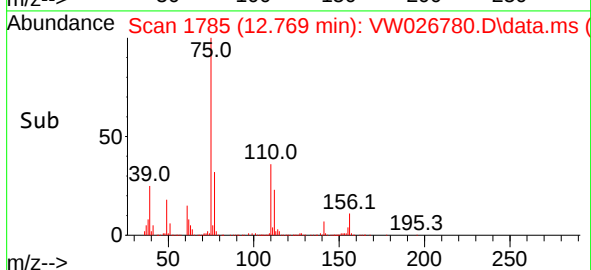
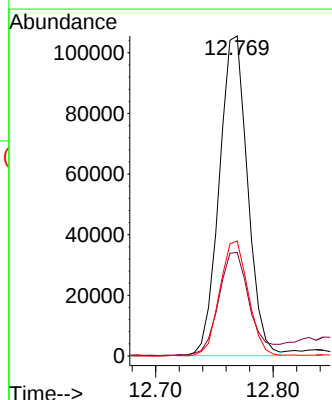
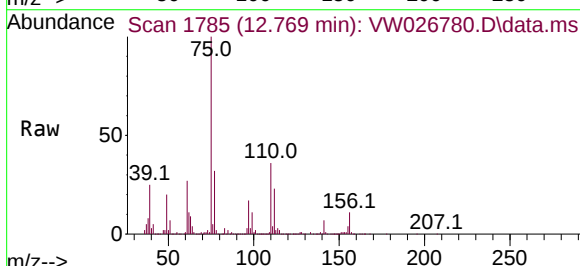
Tgt Ion: 75 Resp: 176631

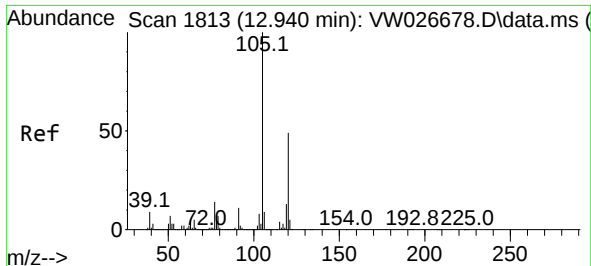
Ion Ratio Lower Upper

75 100

77 35.3 26.1 39.1

110 36.2 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 27.532 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

Instrument :

MSVOA_W

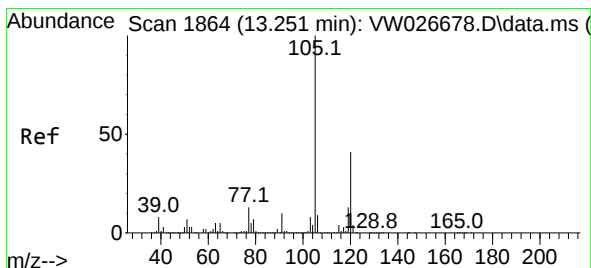
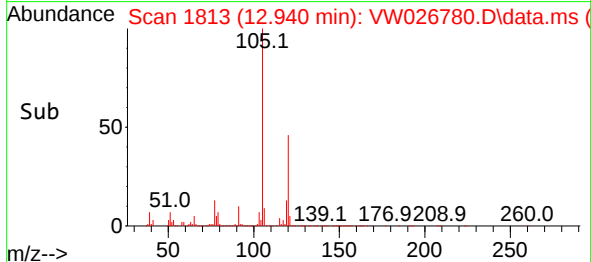
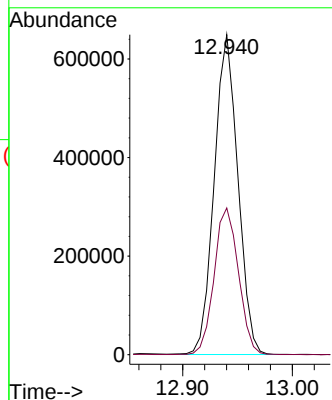
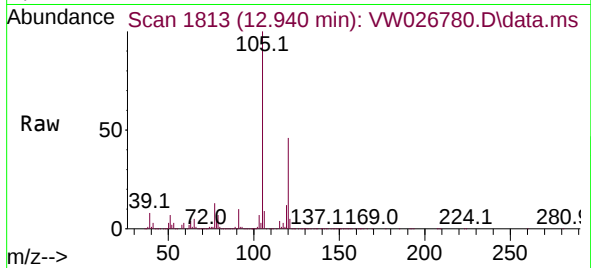
ClientSampleId :

Tgt Ion:105 Resp: 973844

Ion Ratio Lower Upper

105 100

120 47.1 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 26.732 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026780.D

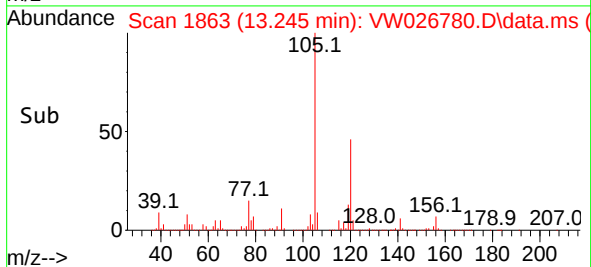
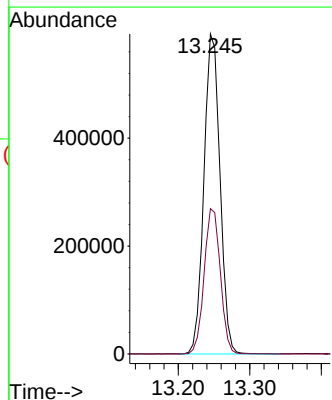
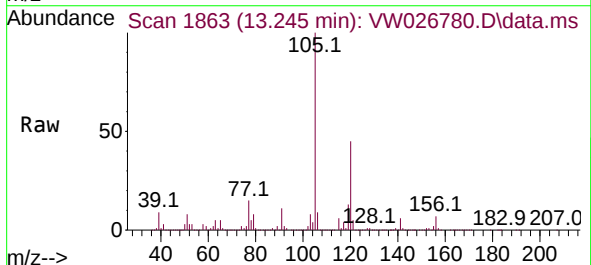
Acq: 18 Aug 2023 19:22

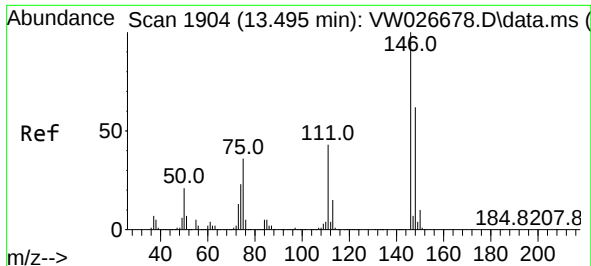
Tgt Ion:105 Resp: 926572

Ion Ratio Lower Upper

105 100

120 45.8 36.2 54.4

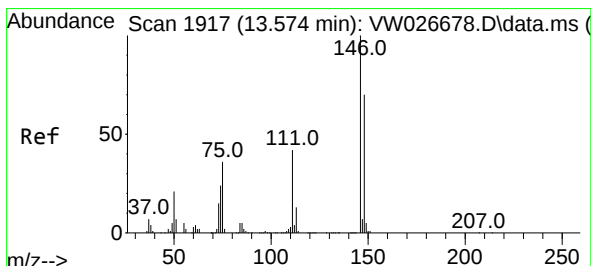
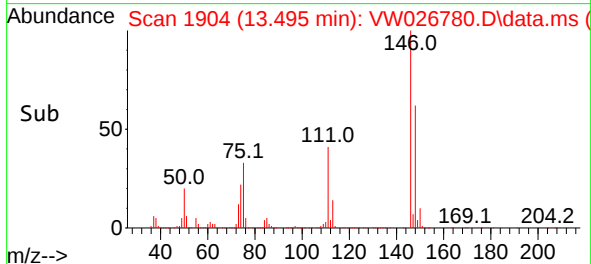
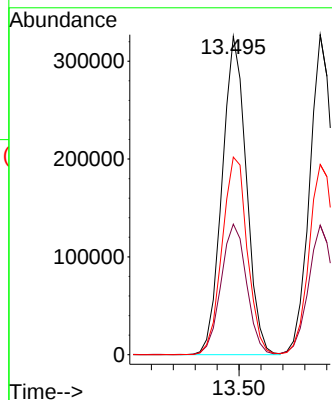
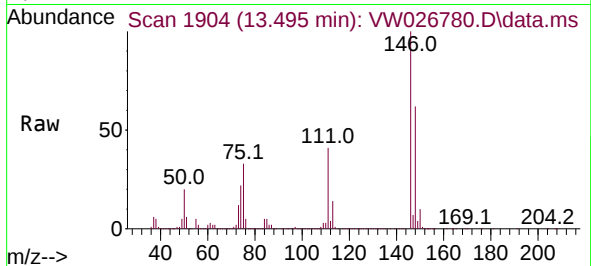




#64
1,3-Dichlorobenzene
Concen: 25.715 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

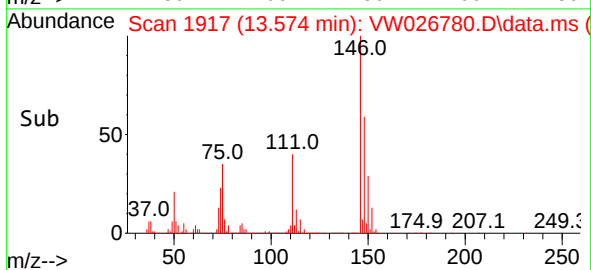
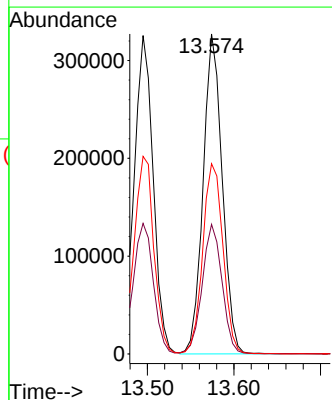
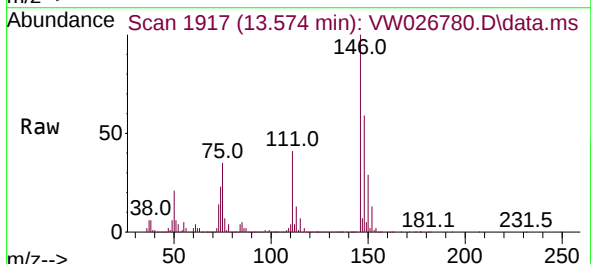
Instrument :
MSVOA_W
ClientSampleId :

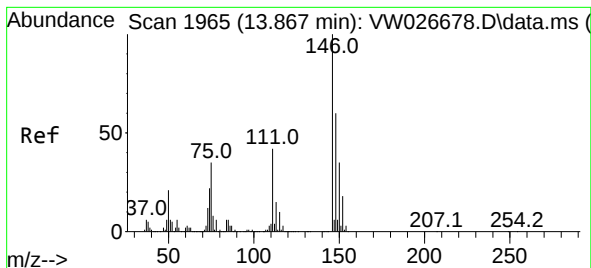
Tgt Ion:146 Resp: 500469
Ion Ratio Lower Upper
146 100
111 41.0 29.1 54.1
148 62.1 38.8 72.0



#65
1,4-Dichlorobenzene
Concen: 24.711 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

Tgt Ion:146 Resp: 501904
Ion Ratio Lower Upper
146 100
111 40.5 28.3 52.7
148 59.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 25.905 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

Instrument :

MSVOA_W

ClientSampleId :

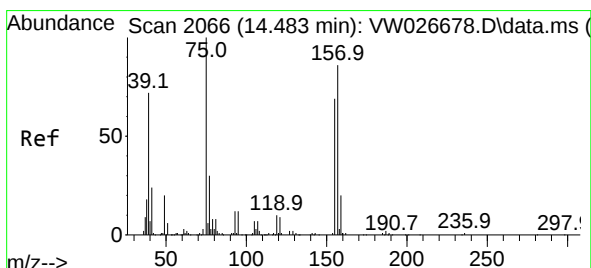
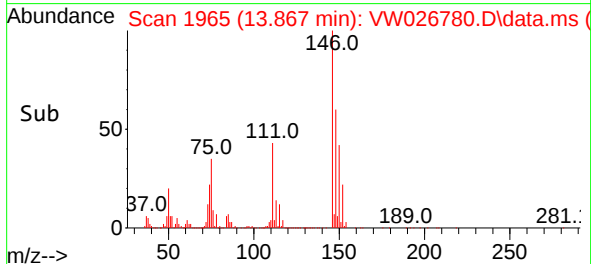
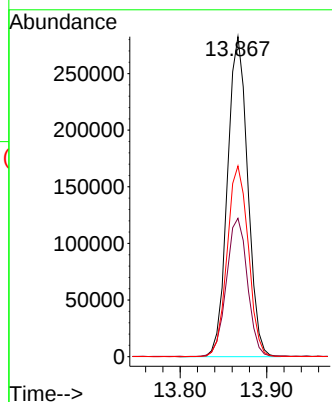
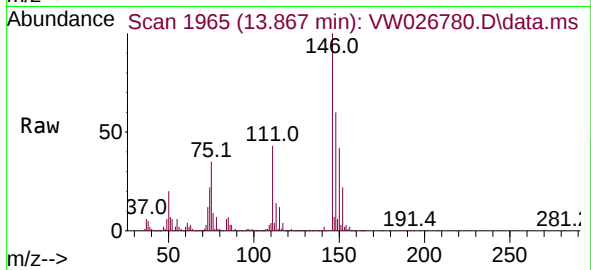
Tgt Ion:146 Resp: 458468

Ion Ratio Lower Upper

146 100

111 43.3 34.6 52.0

148 59.6 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.619 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

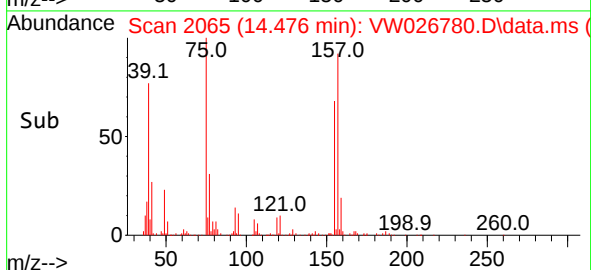
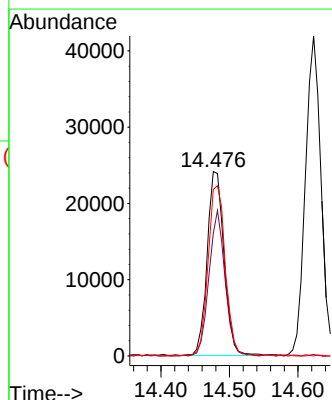
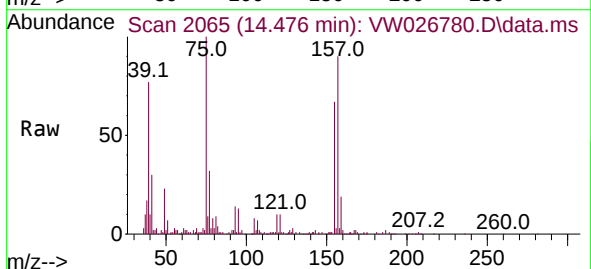
Tgt Ion: 75 Resp: 41573

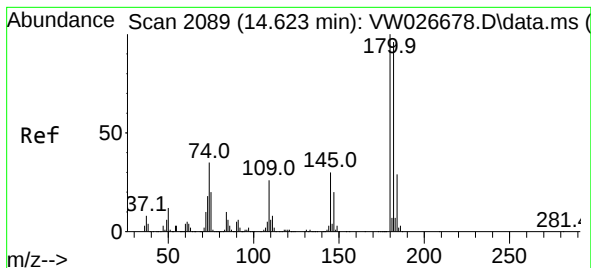
Ion Ratio Lower Upper

75 100

155 66.5 55.0 82.6

157 90.3 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 24.909 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

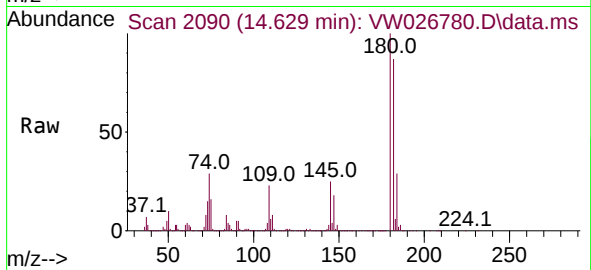
Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 327527

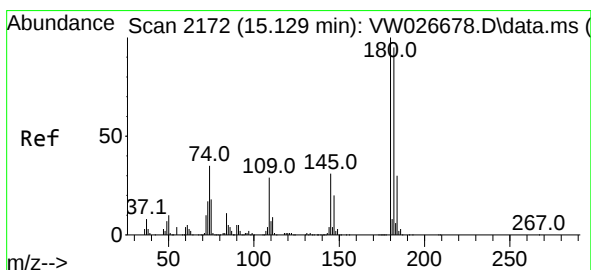
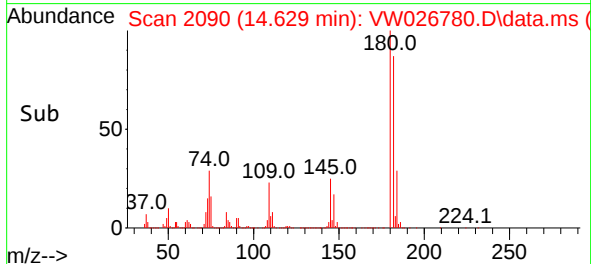
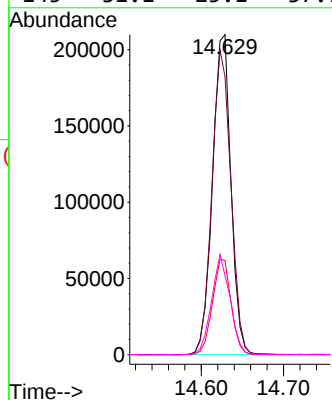
Ion Ratio Lower Upper

180 100

182 97.5 75.2 112.8

184 30.2 23.8 35.8

145 31.1 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 26.858 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026780.D

Acq: 18 Aug 2023 19:22

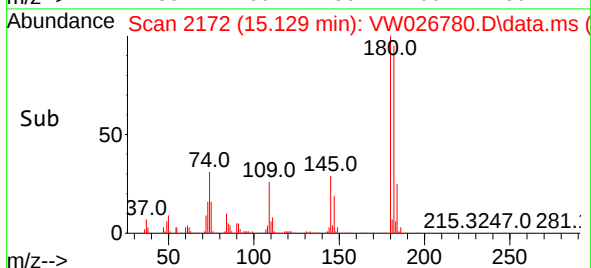
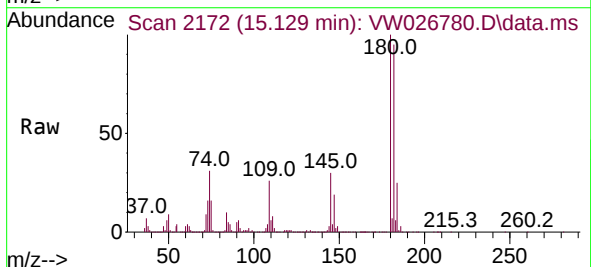
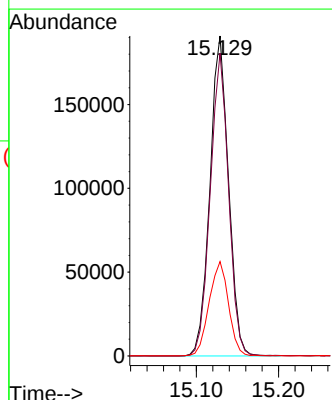
Tgt Ion:180 Resp: 299418

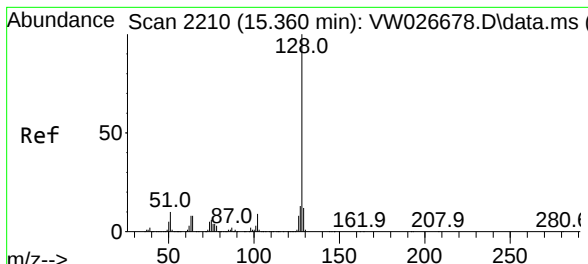
Ion Ratio Lower Upper

180 100

182 93.0 72.5 108.7

145 30.7 24.7 37.1

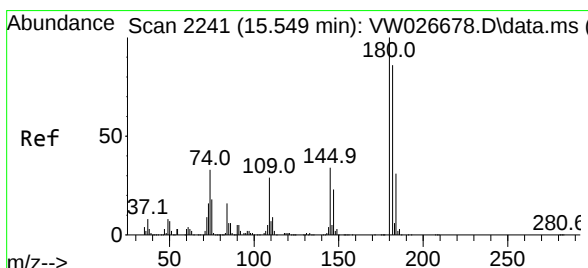
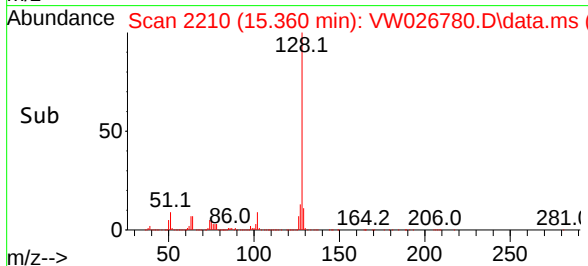
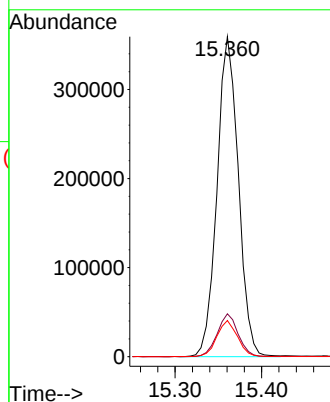
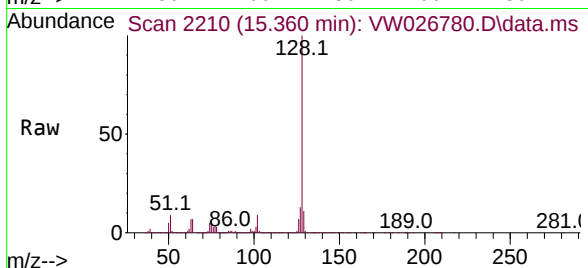




#71
Naphthalene
Concen: 28.918 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 614962
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.9 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 24.997 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026780.D
Acq: 18 Aug 2023 19:22

Tgt Ion:180 Resp: 251349
Ion Ratio Lower Upper
180 100
182 94.3 74.6 112.0
145 35.2 27.0 40.6

