

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
 Data File : VW026847.D
 Acq On : 24 Aug 2023 10:45
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 25 02:18:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 23 01:29:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	501652	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	493800	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	277925	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	149363	18.112	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.440%
7) Chloroethane-d5	2.899	69	118428	19.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.240%
11) 1,1-Dichloroethene-d2	4.027	65	88966	21.935	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.720%
21) 2-Butanone-d5	7.081	46	110662	46.688	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.380%
24) Chloroform-d	7.648	84	403145	23.944	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.760%
26) 1,2-Dichloroethane-d4	8.307	65	223366	24.040	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.160%
32) Benzene-d6	8.276	84	804095	23.627	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.520%
36) 1,2-Dichloropropane-d6	9.276	67	241304	22.763	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.040%
41) Toluene-d8	10.325	98	716698	24.533	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.120%
43) trans-1,3-Dichloroprop...	10.575	79	103078	23.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.200%
47) 2-Hexanone-d5	10.922	63	60204	54.048	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	218581	26.110	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	244914	24.620	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.480%
Target Compounds						
					Qvalue	
3) Chloromethane	2.229	50	152857	16.390	ug/L	99
5) Vinyl chloride	2.381	62	170310	19.102	ug/L	100
6) Bromomethane	2.789	94	105153	20.243	ug/L	99
8) Chloroethane	2.942	64	101935	19.081	ug/L	99
9) Trichlorofluoromethane	3.271	101	178061	24.336	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	193630	24.499	ug/L	94
12) 1,1-Dichloroethene	4.051	96	178327	24.050	ug/L	93
13) Acetone	4.125	43	134032	56.872	ug/L	97
14) Carbon disulfide	4.393	76	541765	20.309	ug/L	100
15) Methyl Acetate	4.673	43	107248	22.718	ug/L	95
16) Methylene chloride	4.923	84	226378	23.328	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	194429	23.498	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	330441	26.394	ug/L	97
19) 1,1-Dichloroethane	6.222	63	397170	23.323	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	214294	24.095	ug/L	96
22) 2-Butanone	7.173	43	169224	48.724	ug/L	96
23) Bromochloromethane	7.514	128	95937	24.972	ug/L	87
25) Chloroform	7.679	83	393342	23.909	ug/L	99
27) 1,2-Dichloroethane	8.398	62	276616	24.101	ug/L	99

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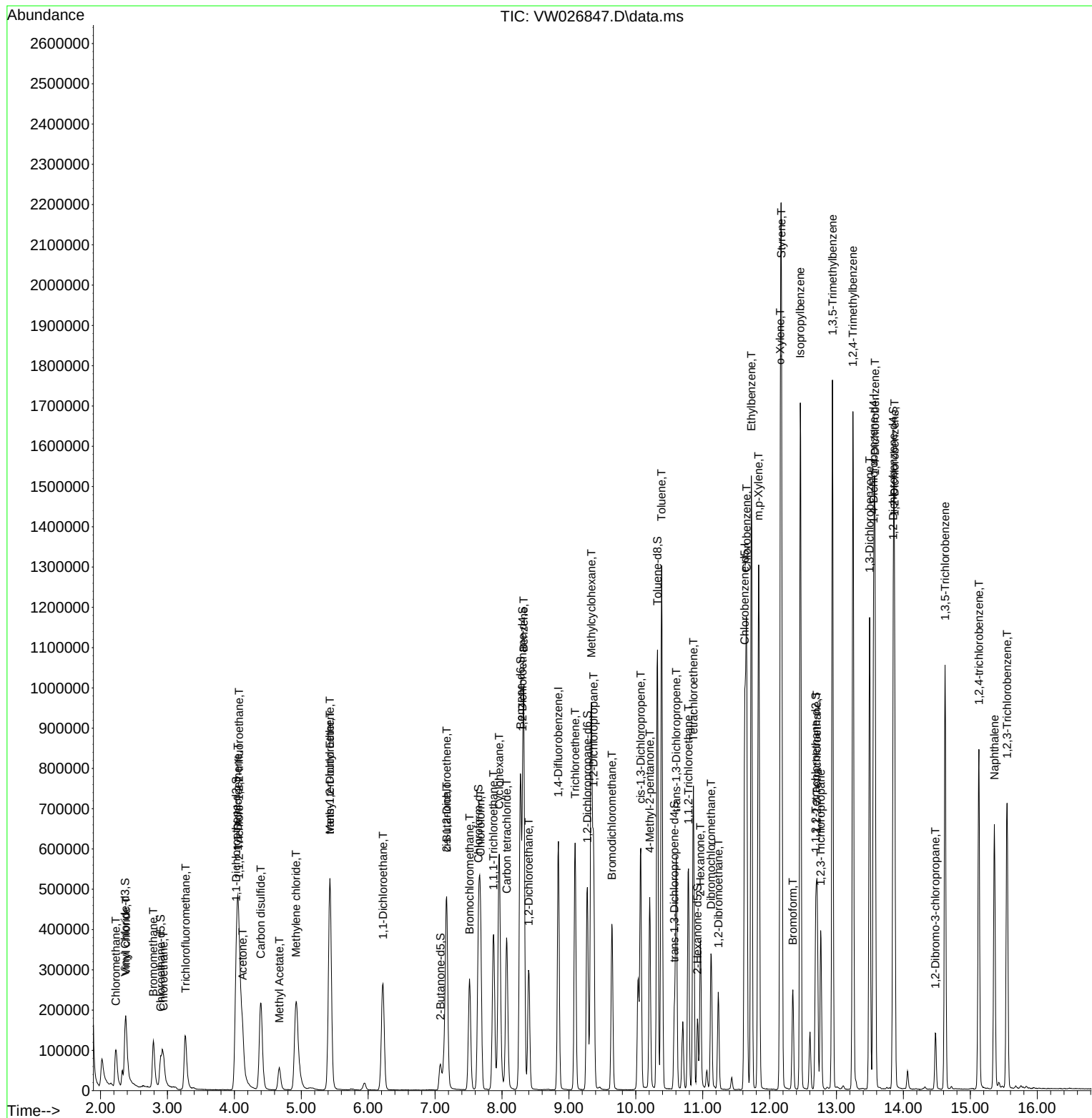
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	347741	22.772	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	325384	25.248	ug/L	98
31) Carbon tetrachloride	8.069	117	297609	25.257	ug/L	97
33) Benzene	8.325	78	859181	23.893	ug/L	100
34) Trichloroethene	9.093	95	219942	24.015	ug/L	99
35) Methylcyclohexane	9.337	83	384494	24.540	ug/L	96
37) 1,2-Dichloropropane	9.367	63	224832	22.826	ug/L	98
38) Bromodichloromethane	9.642	83	281505	24.363	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	355536	25.091	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	311875	48.678	ug/L	96
42) Toluene	10.386	91	914858	25.150	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	310618	25.468	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	171719	25.492	ug/L	95
46) Tetrachloroethene	10.861	164	163868	24.628	ug/L	98
48) 2-Hexanone	10.965	43	233799	53.629	ug/L	95
49) Dibromochloromethane	11.123	129	182445	25.895	ug/L	92
50) 1,2-Dibromoethane	11.233	107	159047	25.163	ug/L	98
51) Chlorobenzene	11.654	112	581992	25.328	ug/L	98
52) Ethylbenzene	11.727	91	1062176	26.038	ug/L	97
53) m,p-Xylene	11.837	106	403493	26.700	ug/L	94
54) o-Xylene	12.160	106	376332	26.682	ug/L	93
55) Styrene	12.178	104	674415	27.500	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	221781	25.996	ug/L	97
59) Bromoform	12.349	173	115173	26.454	ug/L	97
60) Isopropylbenzene	12.458	105	1079364	26.122	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	163028	24.182	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	890018	27.251	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	873976	27.308	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	463819	25.810	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	459170	24.484	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	412317	25.231	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	38026	23.397	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	312647	25.752	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	264013	25.648	ug/L	99
71) Naphthalene	15.360	128	550077	28.015	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	243110	26.185	ug/L	100

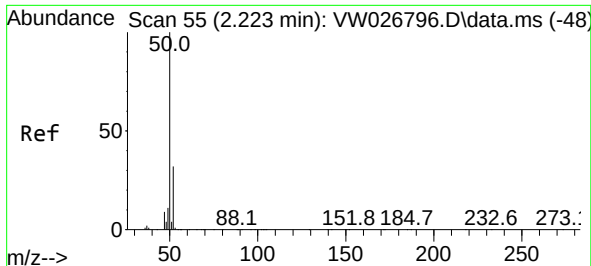
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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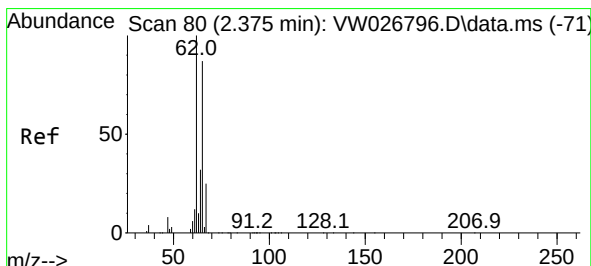
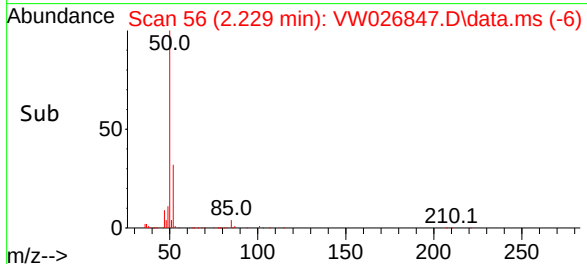
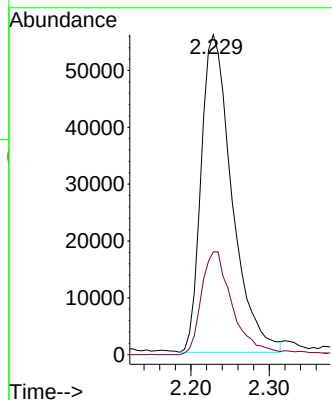
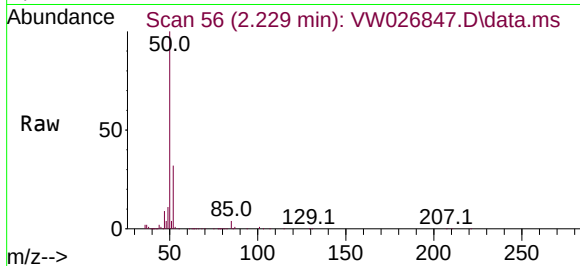




#3
Chloromethane
Concen: 16.390 ug/L
RT: 2.229 min Scan# 50
Delta R.T. 0.006 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

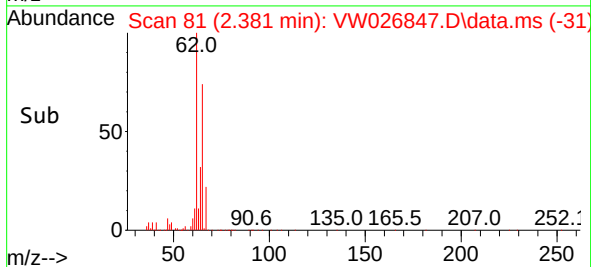
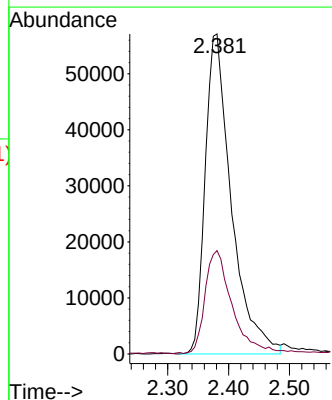
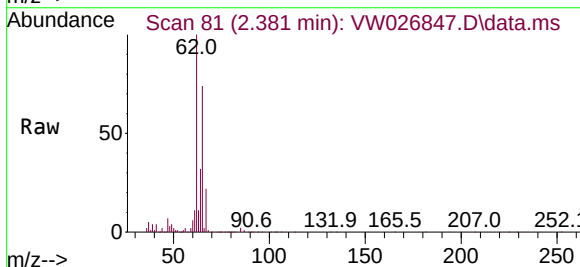
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MSVOA_W
ClientSampleId :

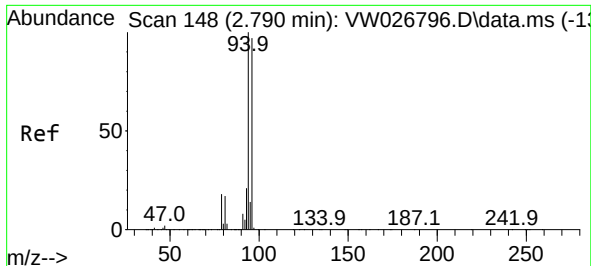
Tgt Ion: 50 Resp: 152857
Ion Ratio Lower Upper
50 100
52 32.2 23.0 42.8



#5
Vinyl chloride
Concen: 19.102 ug/L
RT: 2.381 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

Tgt Ion: 62 Resp: 170310
Ion Ratio Lower Upper
62 100
64 32.3 22.7 42.3

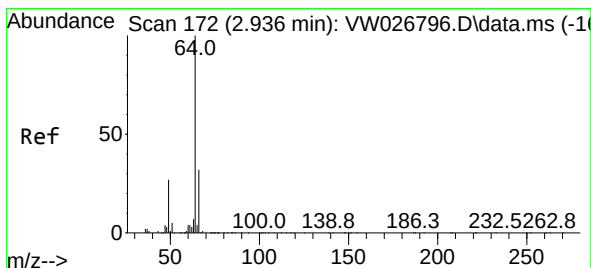
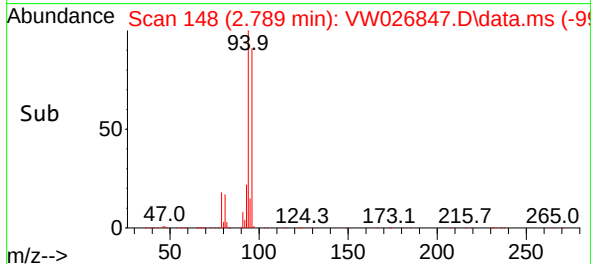
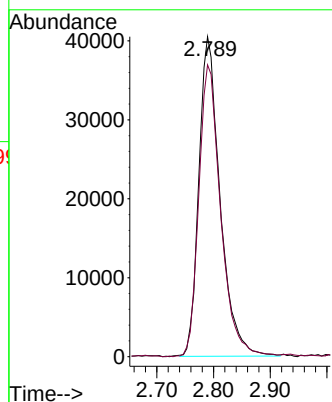
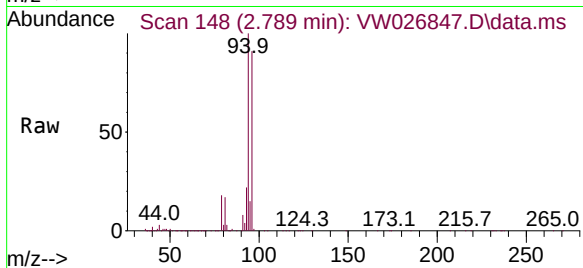




#6
Bromomethane
Concen: 20.243 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

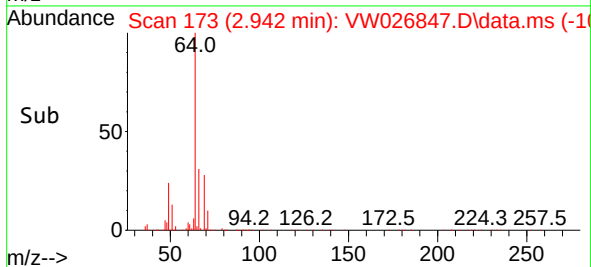
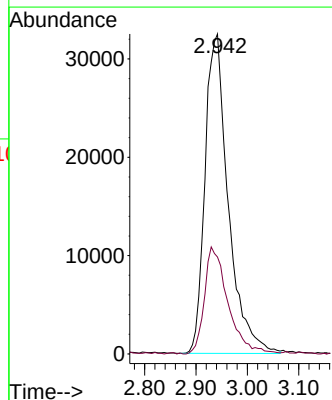
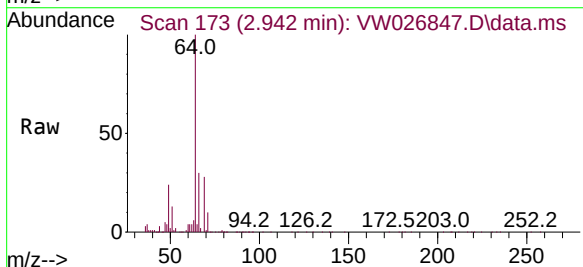
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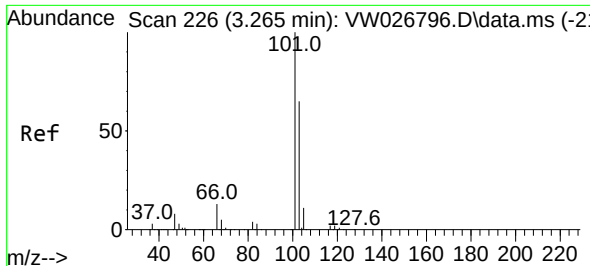
Tgt Ion: 94 Resp: 105153
Ion Ratio Lower Upper
94 100
96 91.2 64.8 120.3



#8
Chloroethane
Concen: 19.081 ug/L
RT: 2.942 min Scan# 173
Delta R.T. 0.006 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

Tgt Ion: 64 Resp: 101935
Ion Ratio Lower Upper
64 100
66 30.3 21.7 40.3





#9

Trichlorofluoromethane

Concen: 24.336 ug/L

RT: 3.271 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

Instrument :

MSVOA_W

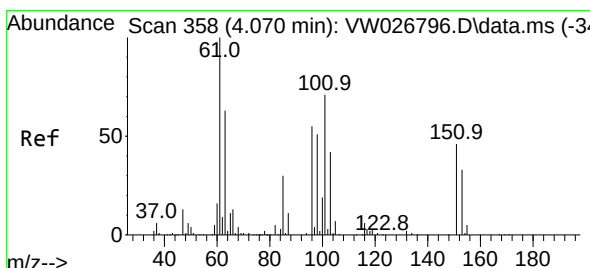
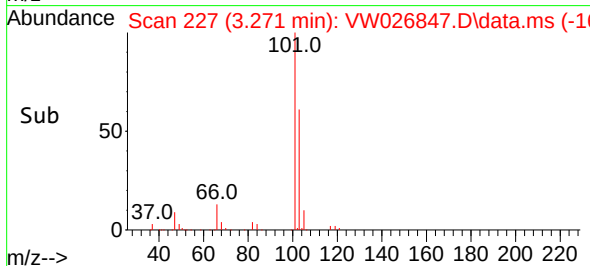
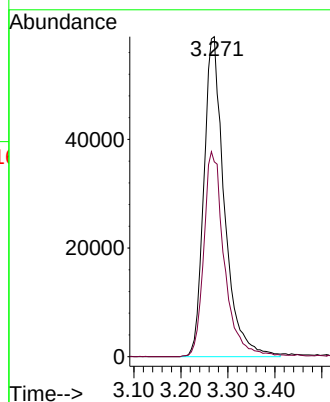
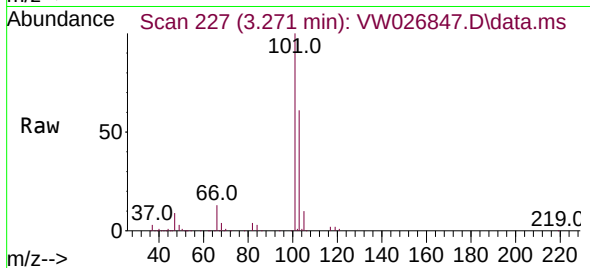
ClientSampleId :

Tgt Ion:101 Resp: 178061

Ion Ratio Lower Upper

101 100

103 63.9 51.9 77.9



#10

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

Concen: 24.499 ug/L

RT: 4.070 min Scan# 358

Delta R.T. -0.000 min

Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

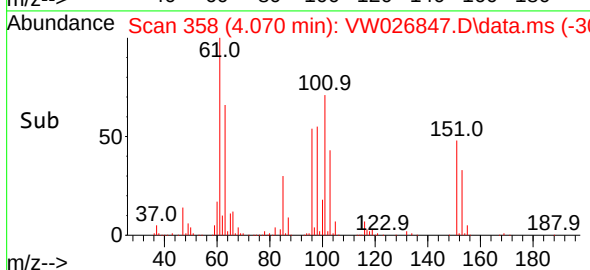
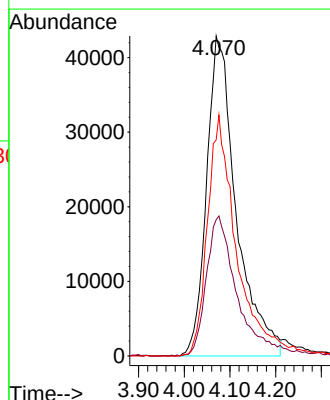
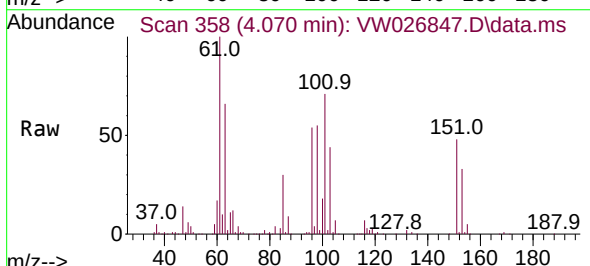
Tgt Ion:101 Resp: 193630

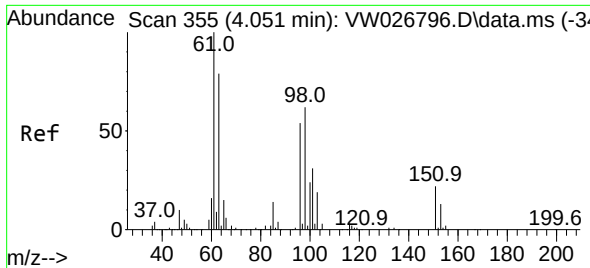
Ion Ratio Lower Upper

101 100

85 45.2 32.8 49.2

151 72.9 54.4 81.6

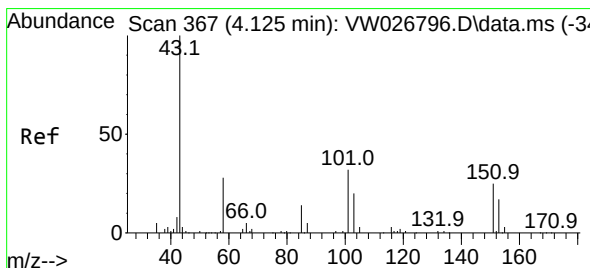
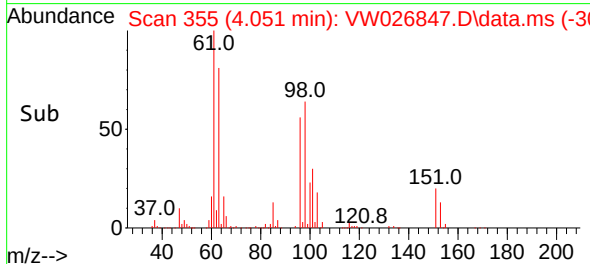
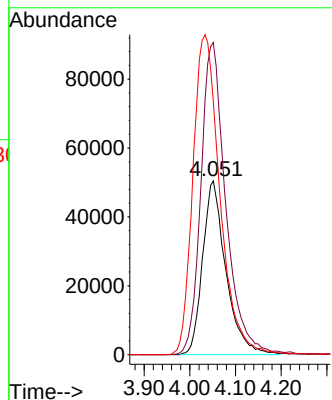
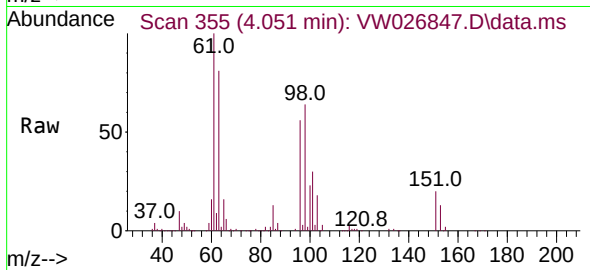




#12
1,1-Dichloroethene
Concen: 24.050 ug/L
RT: 4.051 min Scan# 355
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

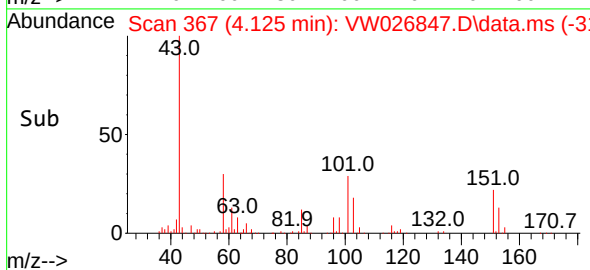
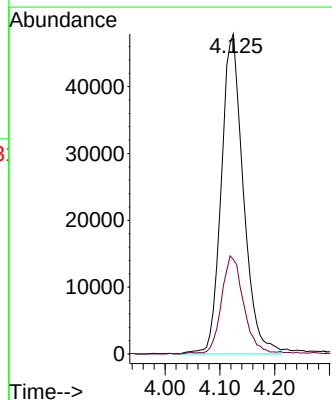
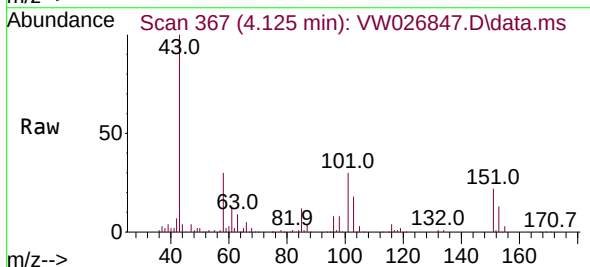
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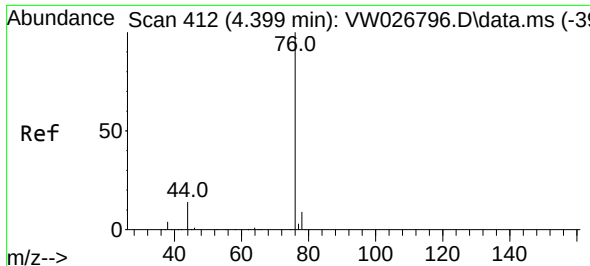
Tgt Ion: 96 Resp: 178327
Ion Ratio Lower Upper
96 100
61 179.7 133.2 247.4
63 145.9 109.0 202.4



#13
Acetone
Concen: 56.872 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

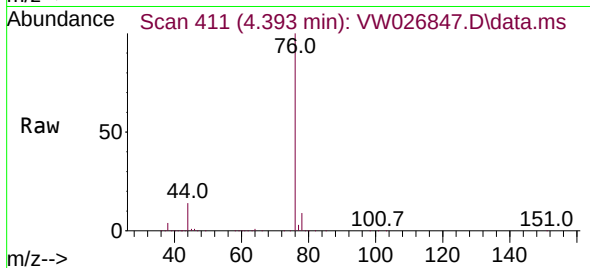
Tgt Ion: 43 Resp: 134032
Ion Ratio Lower Upper
43 100
58 30.4 0.0 57.4



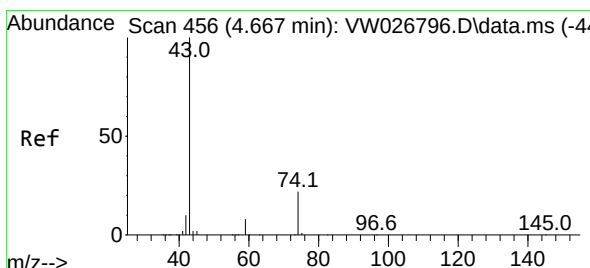
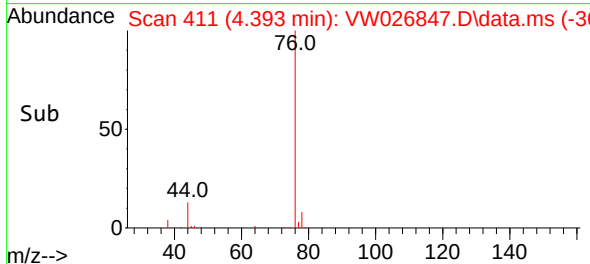
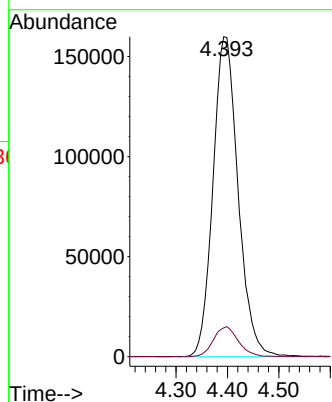


#14
Carbon disulfide
Concen: 20.309 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW026847.D
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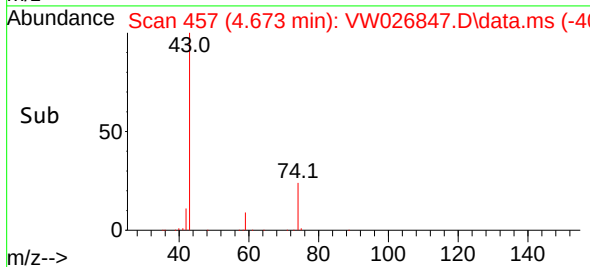
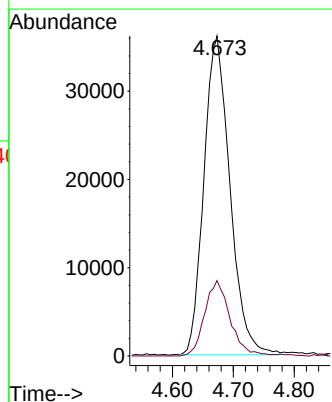
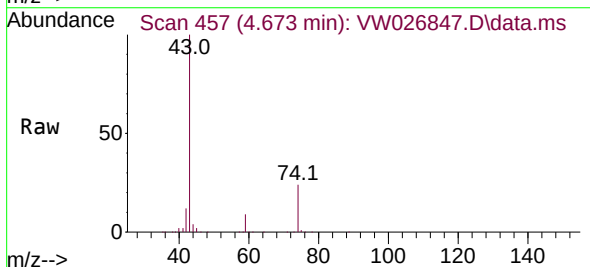


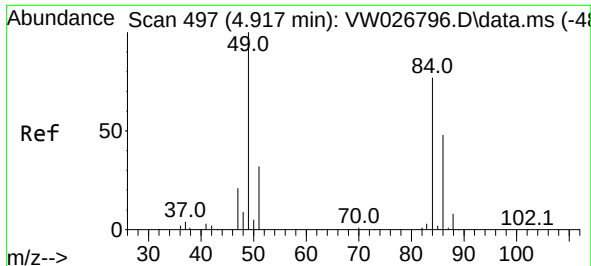
Tgt Ion: 76 Resp: 541765
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#15
Methyl Acetate
Concen: 22.718 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
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Tgt Ion: 43 Resp: 107248
Ion Ratio Lower Upper
43 100
74 23.0 16.4 24.6

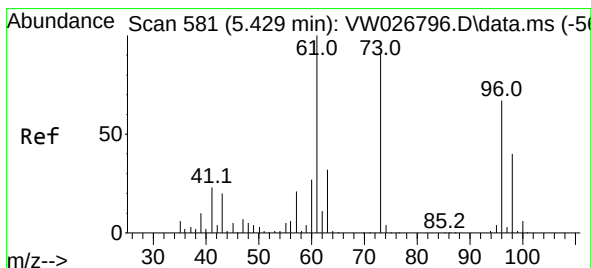
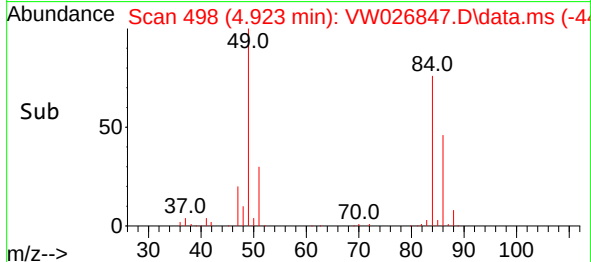
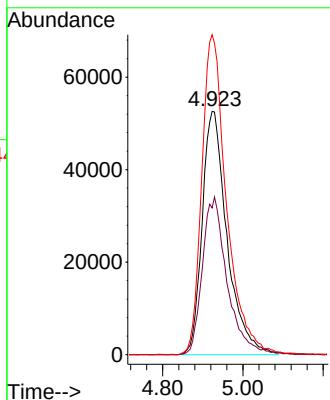
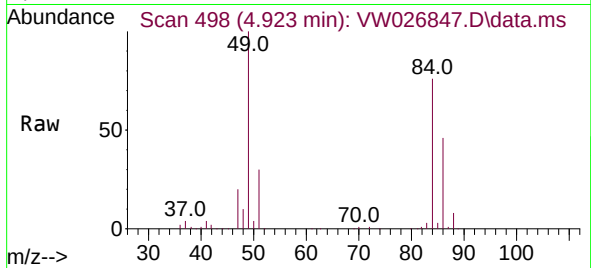




#16
Methylene chloride
Concen: 23.328 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

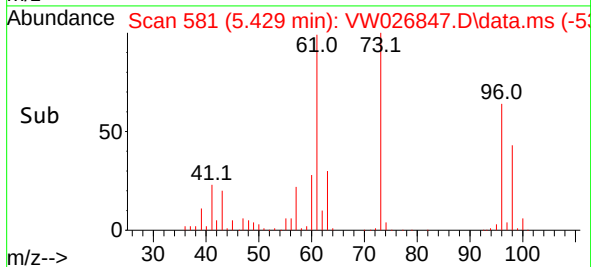
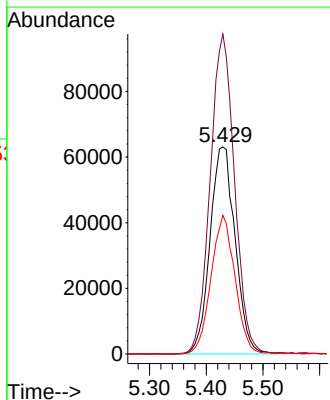
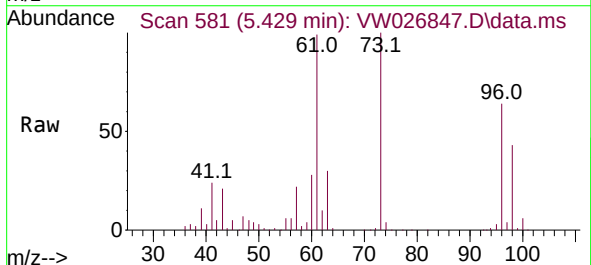
Instrument :
MSVOA_W
ClientSampleId :

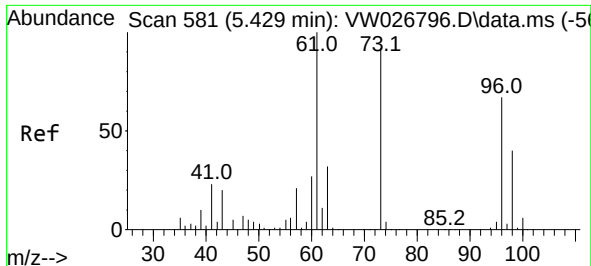
Tgt Ion: 84 Resp: 226378
Ion Ratio Lower Upper
84 100
86 60.3 43.5 80.9
49 131.4 96.0 178.2



#17
trans-1,2-Dichloroethene
Concen: 23.498 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

Tgt Ion: 96 Resp: 194429
Ion Ratio Lower Upper
96 100
61 154.5 109.4 203.2
98 66.9 43.6 81.0

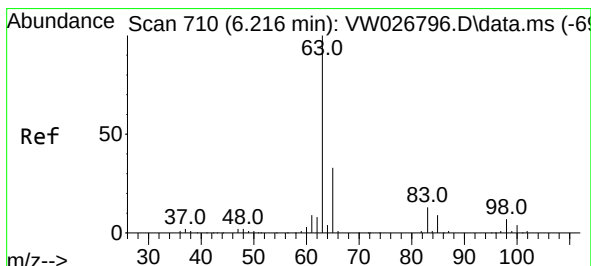
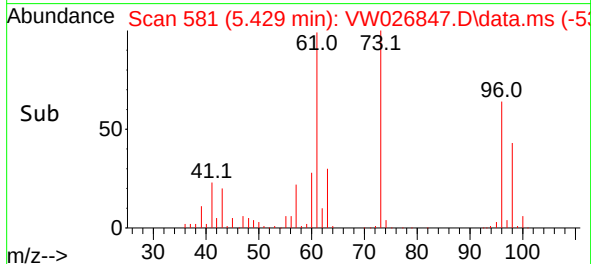
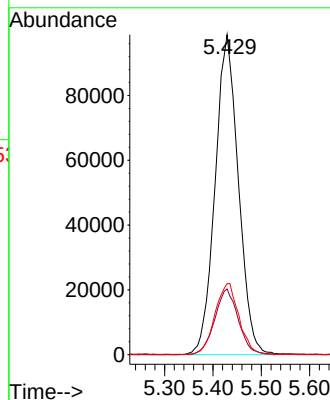
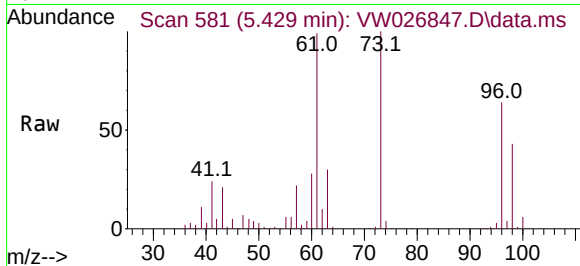




#18
Methyl tert-butyl Ether
Concen: 26.394 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

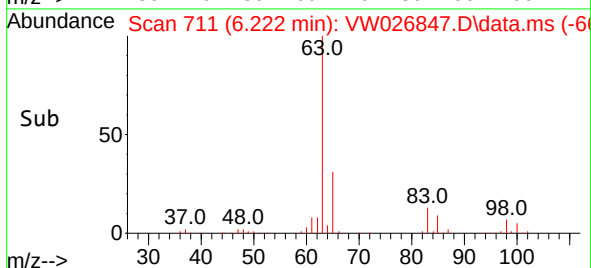
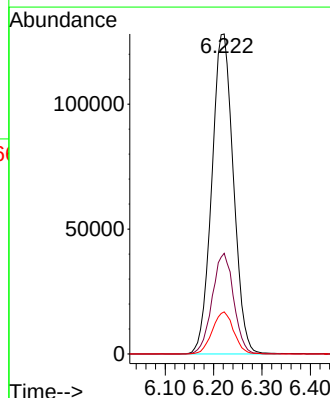
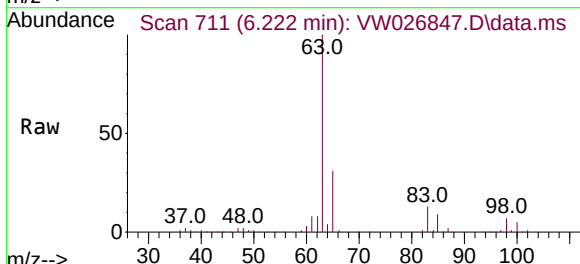
Instrument :
MSVOA_W
ClientSampleId :

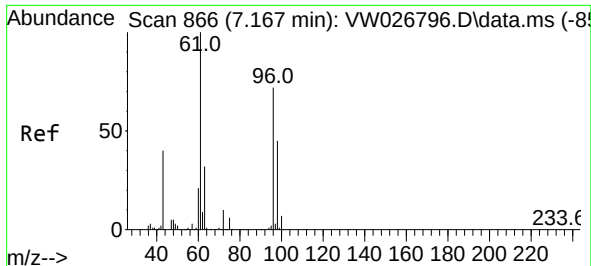
Tgt Ion: 73 Resp: 330441
Ion Ratio Lower Upper
73 100
43 20.4 18.0 27.0
57 22.9 19.3 28.9



#19
1,1-Dichloroethane
Concen: 23.323 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

Tgt Ion: 63 Resp: 397170
Ion Ratio Lower Upper
63 100
65 31.4 21.8 40.6
83 13.2 9.0 16.6

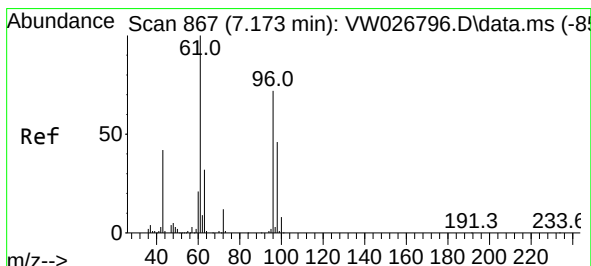
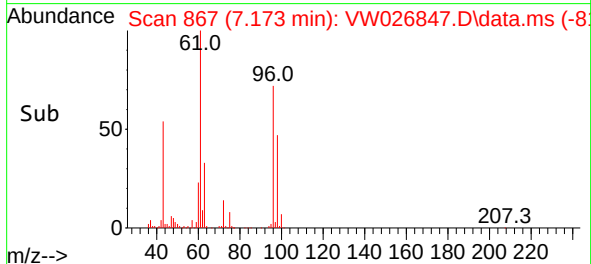
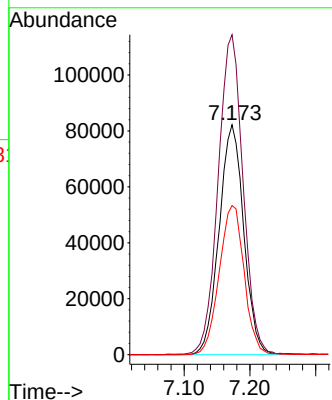
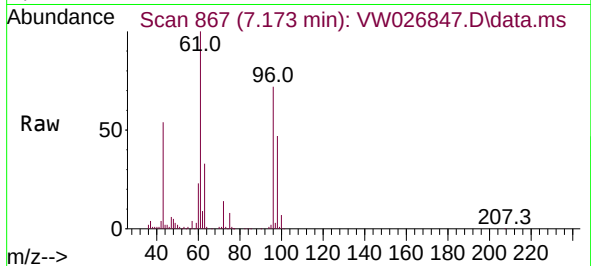




#20
 cis-1,2-Dichloroethene
 Concen: 24.095 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW026847.D
 Acq: 24 Aug 2023 10:45

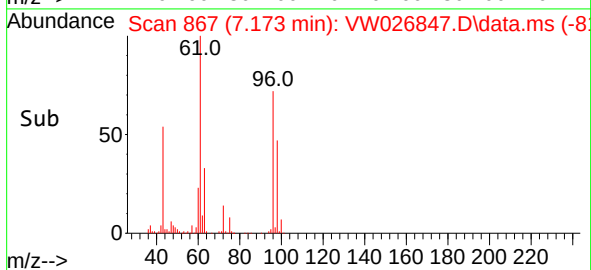
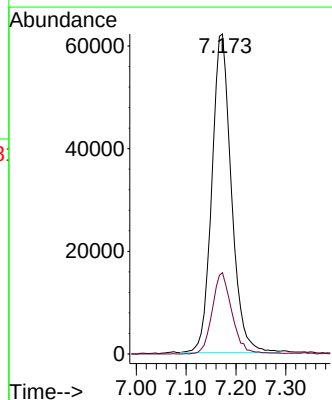
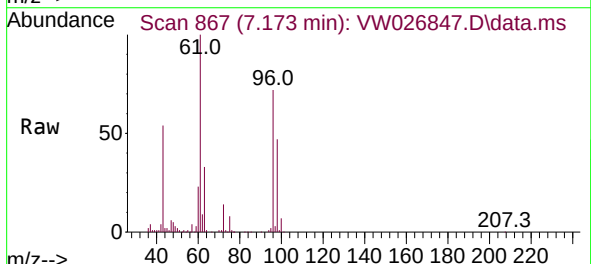
Instrument :
 MSVOA_W
 ClientSampleId :

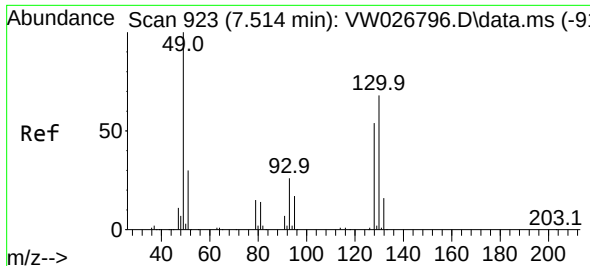
Tgt Ion: 96 Resp: 214294
 Ion Ratio Lower Upper
 96 100
 61 139.2 101.2 188.0
 98 64.9 43.8 81.3



#22
 2-Butanone
 Concen: 48.724 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. -0.000 min
 Lab File: VW026847.D
 Acq: 24 Aug 2023 10:45

Tgt Ion: 43 Resp: 169224
 Ion Ratio Lower Upper
 43 100
 72 25.5 11.8 35.4

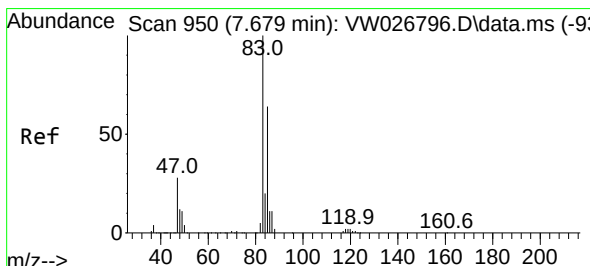
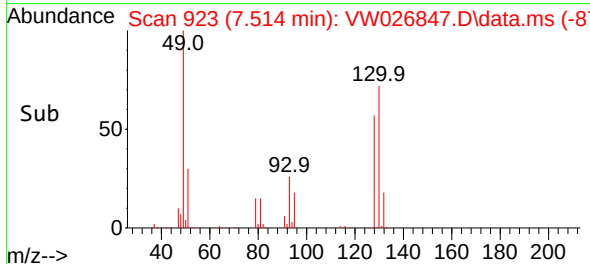
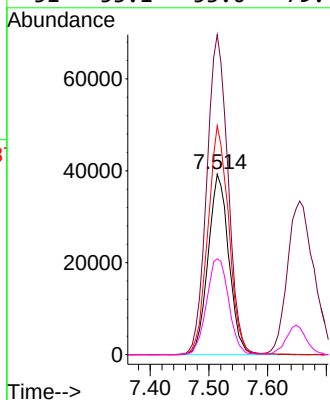
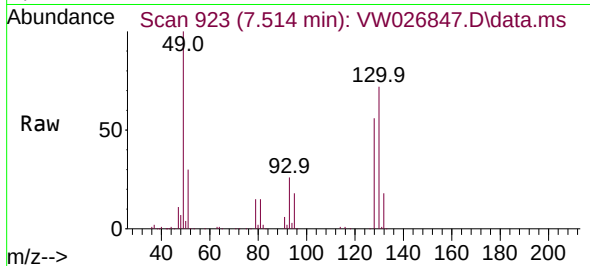




#23
Bromochloromethane
Concen: 24.972 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

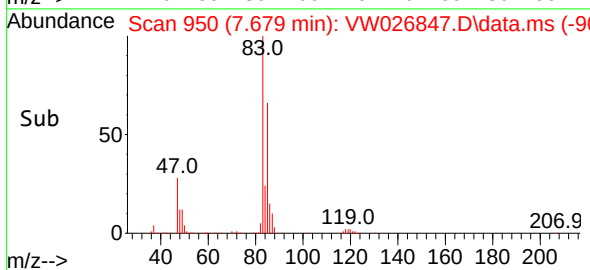
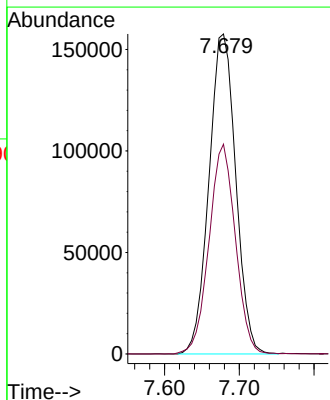
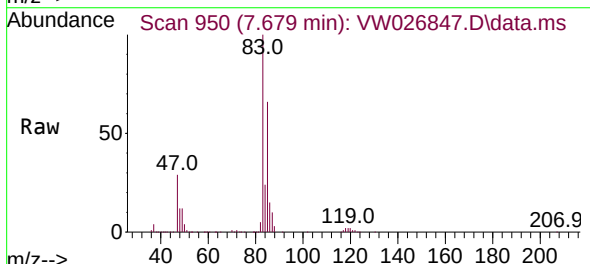
Instrument :
MSVOA_W
ClientSampleId :

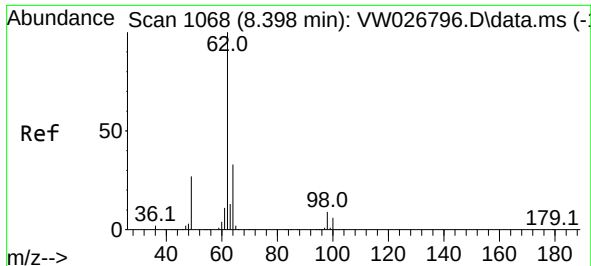
Tgt Ion:	128	Resp:	95937
Ion Ratio	Lower	Upper	
128	100		
49	177.3	143.1	265.7
130	126.8	91.8	170.4
51	53.1	53.0	79.4



#25
Chloroform
Concen: 23.909 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

Tgt Ion:	83	Resp:	393342
Ion Ratio	Lower	Upper	
83	100		
85	65.5	45.4	84.2





#27

1,2-Dichloroethane

Concen: 24.101 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

Instrument :

MSVOA_W

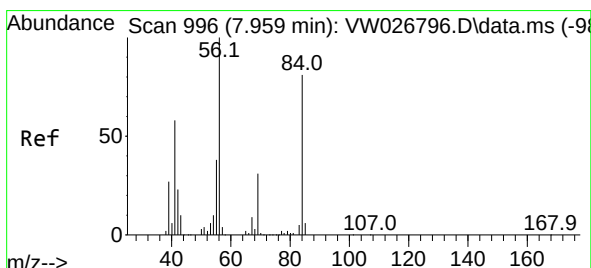
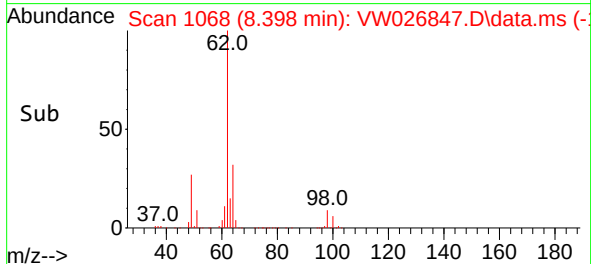
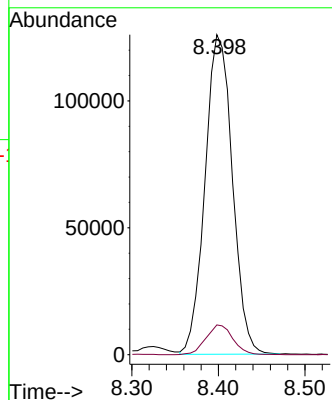
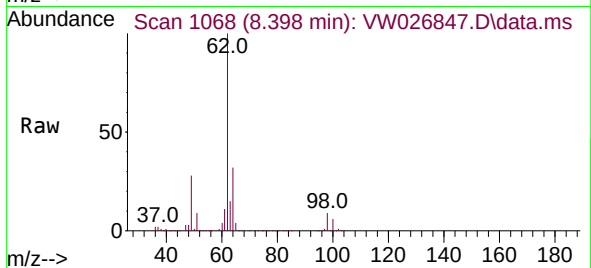
ClientSampleId :

Tgt Ion: 62 Resp: 276616

Ion Ratio Lower Upper

62 100

98 9.3 7.1 10.7



#29

Cyclohexane

Concen: 22.772 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

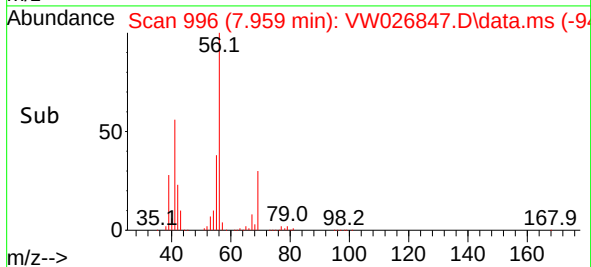
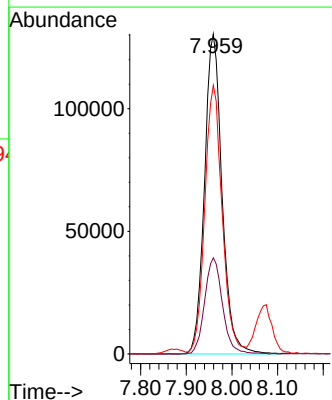
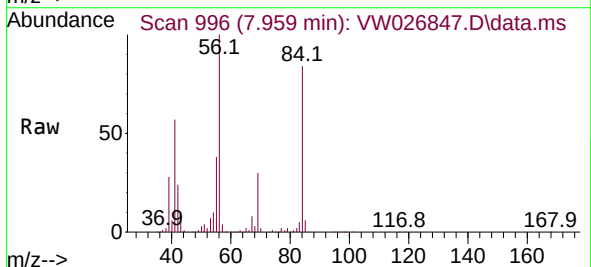
Tgt Ion: 56 Resp: 347741

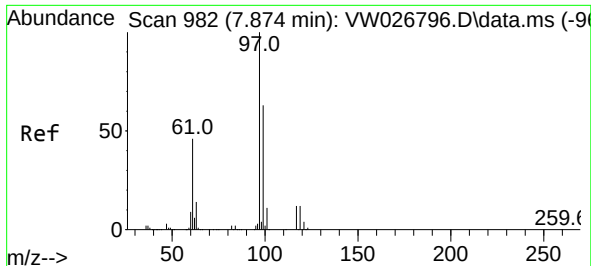
Ion Ratio Lower Upper

56 100

69 30.5 23.2 34.8

84 83.4 62.7 94.1





#30

1,1,1-Trichloroethane

Concen: 25.248 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

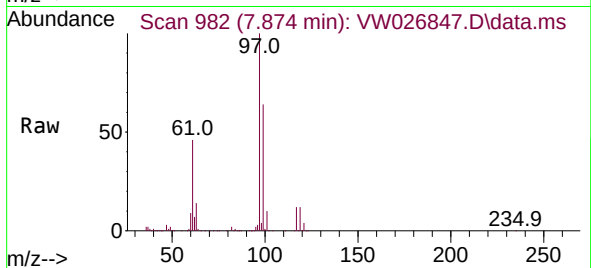
Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

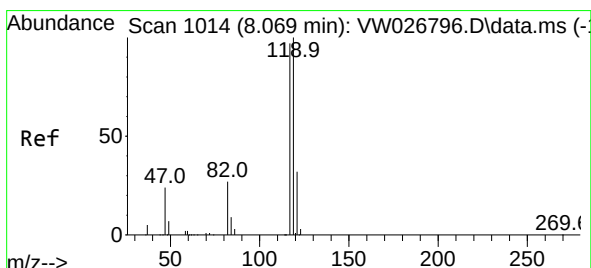
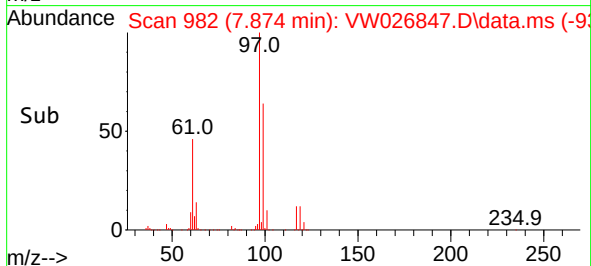
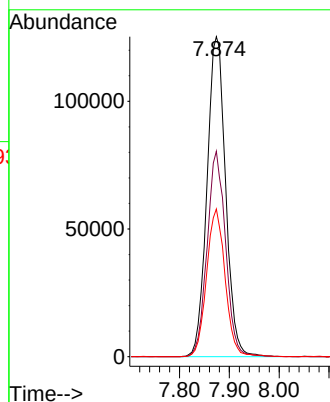
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	97	Resp:	325384
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.2	76.8
61	45.9	39.2	58.8



#31

Carbon tetrachloride

Concen: 25.257 ug/L

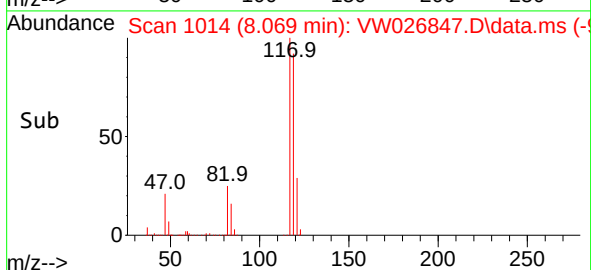
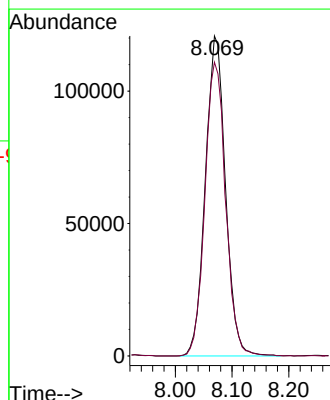
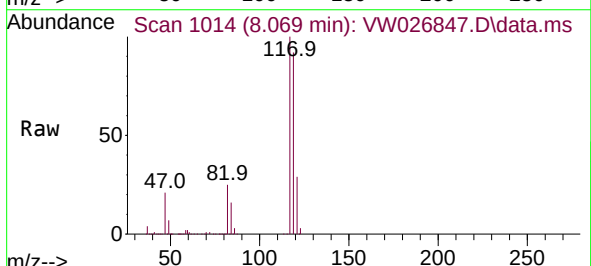
RT: 8.069 min Scan# 1014

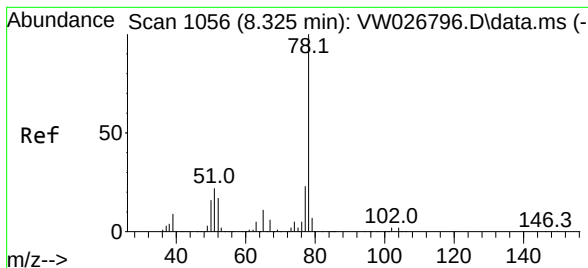
Delta R.T. -0.000 min

Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

Tgt Ion:	117	Resp:	297609
Ion	Ratio	Lower	Upper
117	100		
119	94.3	73.0	109.4





#33

Benzene

Concen: 23.893 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW026847.D

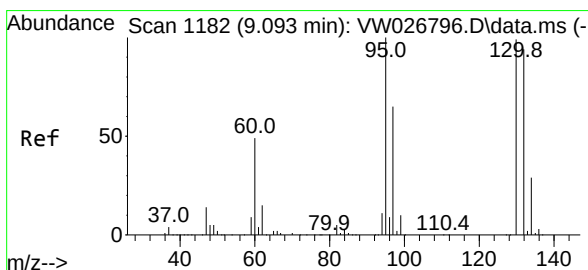
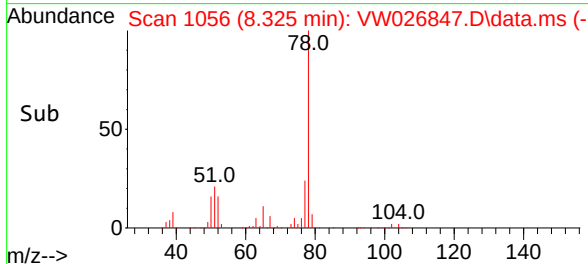
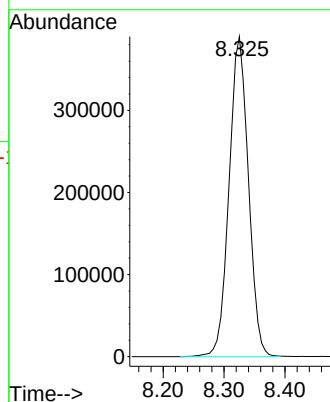
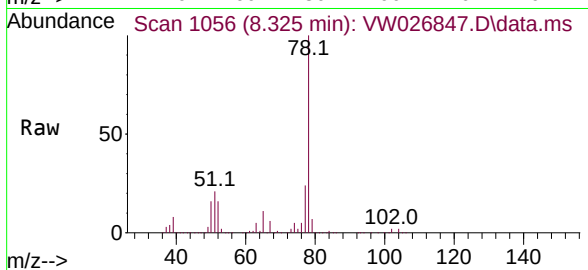
Acq: 24 Aug 2023 10:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 859181



#34

Trichloroethene

Concen: 24.015 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

Tgt Ion: 95 Resp: 219942

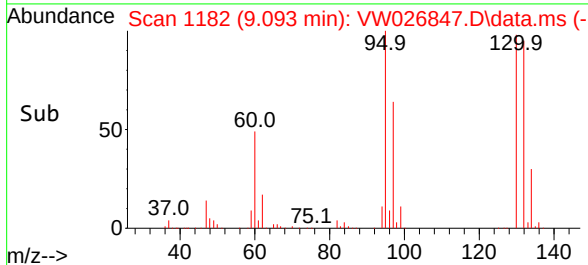
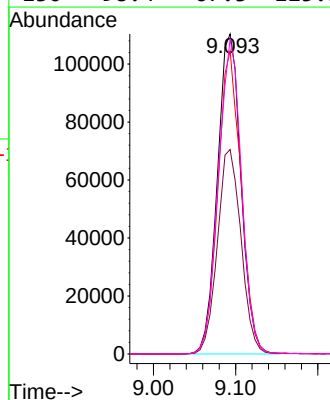
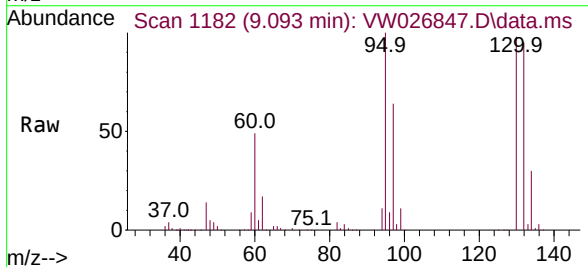
Ion Ratio Lower Upper

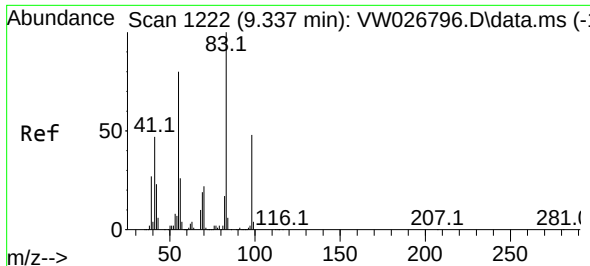
95 100

97 63.9 44.6 82.8

132 94.8 66.4 123.2

130 98.4 67.3 125.1

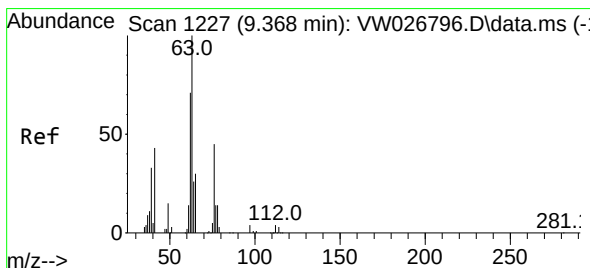
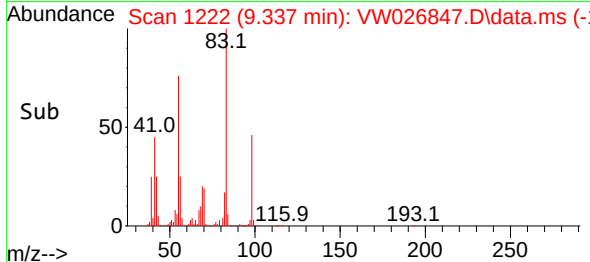
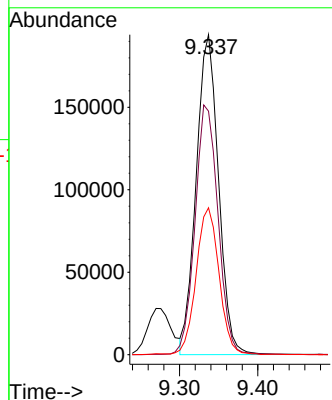
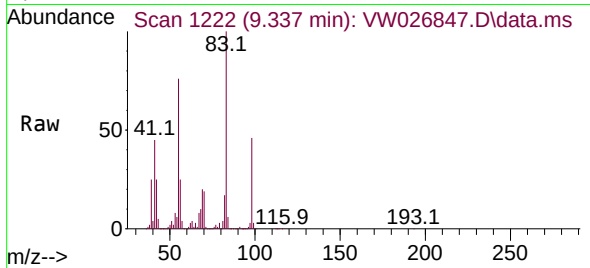




#35
Methylcyclohexane
Concen: 24.540 ug/L
RT: 9.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

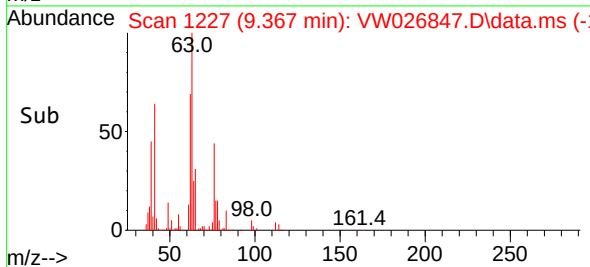
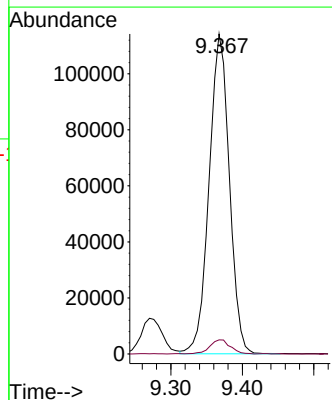
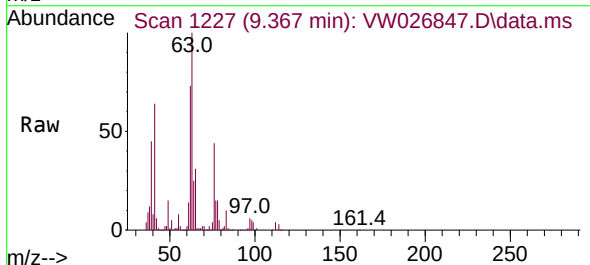
Instrument :
MSVOA_W
ClientSampleId :

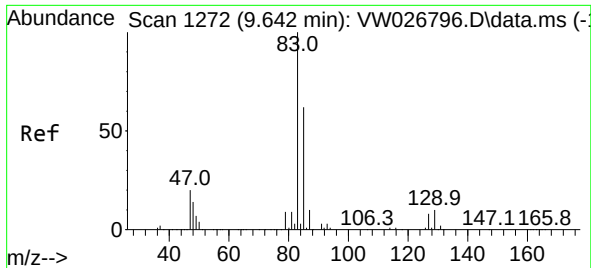
Tgt Ion: 83 Resp: 384494
Ion Ratio Lower Upper
83 100
55 80.7 69.3 103.9
98 47.2 37.4 56.0



#37
1,2-Dichloropropane
Concen: 22.826 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

Tgt Ion: 63 Resp: 224832
Ion Ratio Lower Upper
63 100
112 4.5 3.1 4.7

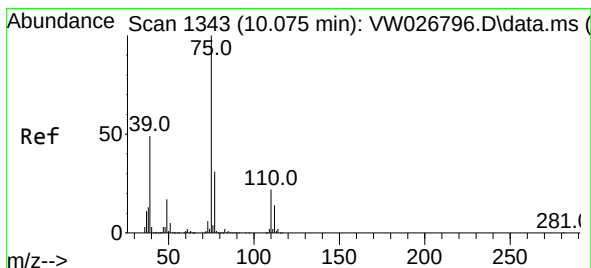
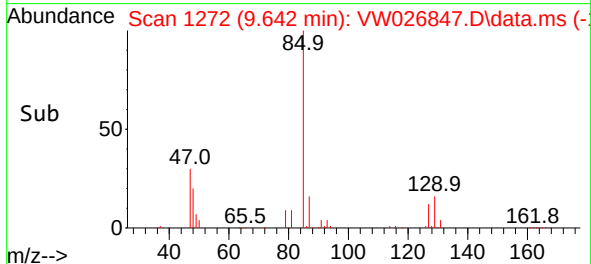
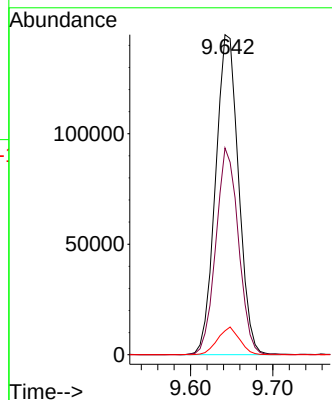
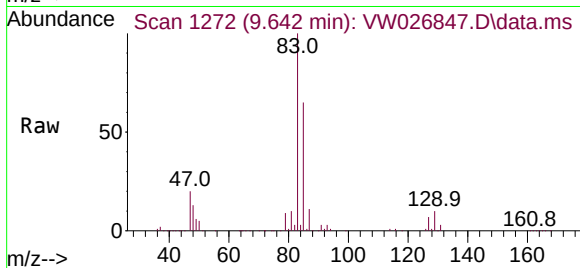




#38
Bromodichloromethane
Concen: 24.363 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

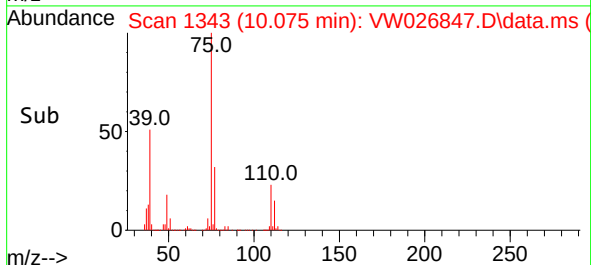
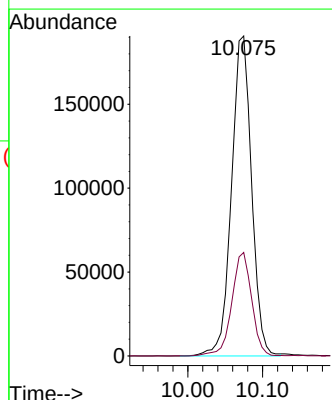
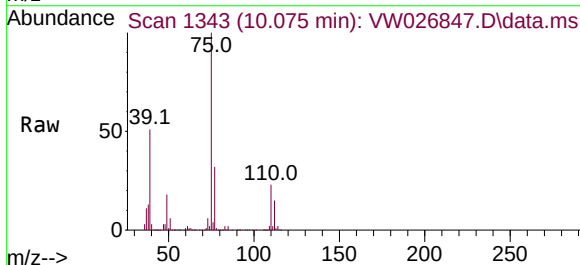
Instrument :
MSVOA_W
ClientSampleId :

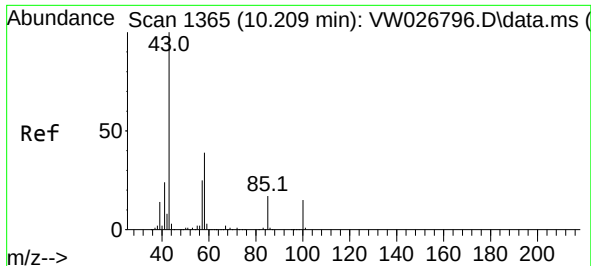
Tgt Ion: 83 Resp: 281505
Ion Ratio Lower Upper
83 100
85 64.6 45.4 84.2
127 7.5 6.2 9.2



#39
cis-1,3-Dichloropropene
Concen: 25.091 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

Tgt Ion: 75 Resp: 355536
Ion Ratio Lower Upper
75 100
77 32.3 22.8 42.4

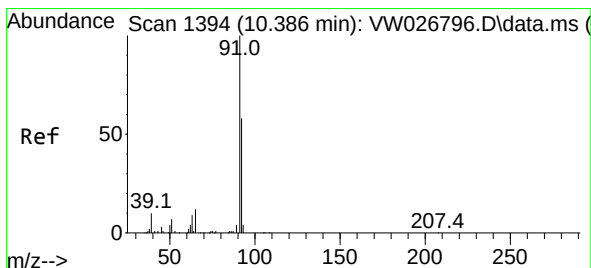
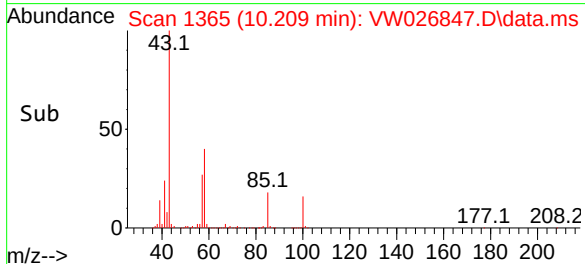
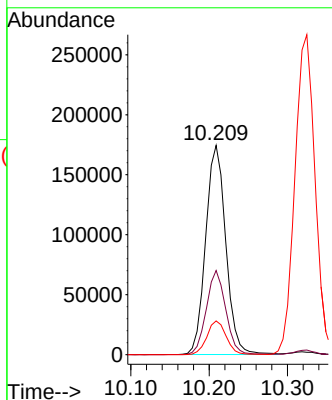
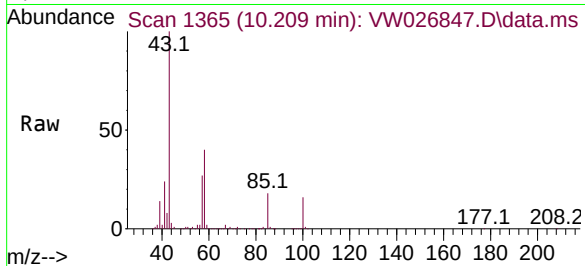




#40
4-Methyl-2-pentanone
Concen: 48.678 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

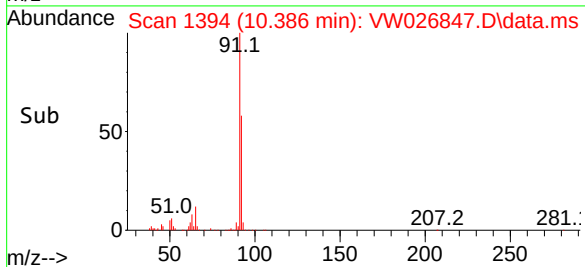
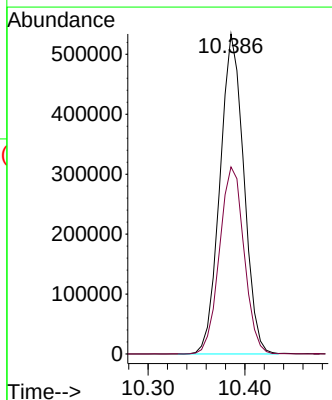
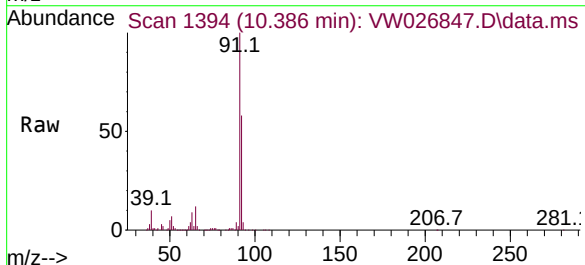
Instrument :
MSVOA_W
ClientSampleId :

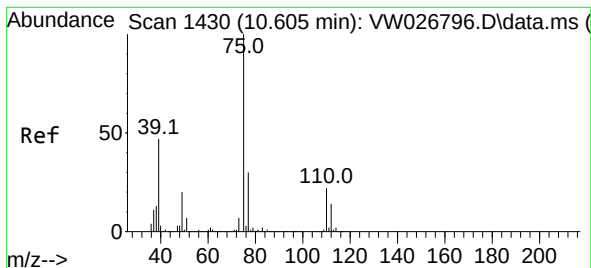
Tgt Ion: 43 Resp: 311875
Ion Ratio Lower Upper
43 100
58 38.9 29.2 43.8
100 15.5 10.7 16.1



#42
Toluene
Concen: 25.150 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

Tgt Ion: 91 Resp: 914858
Ion Ratio Lower Upper
91 100
92 58.5 40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 25.468 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

Instrument :

MSVOA_W

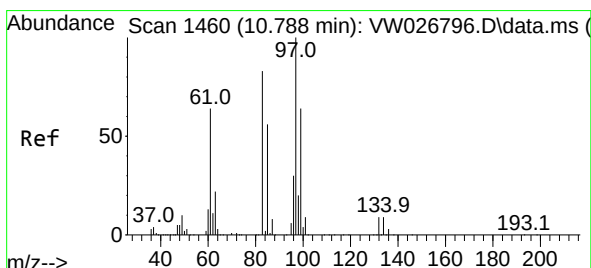
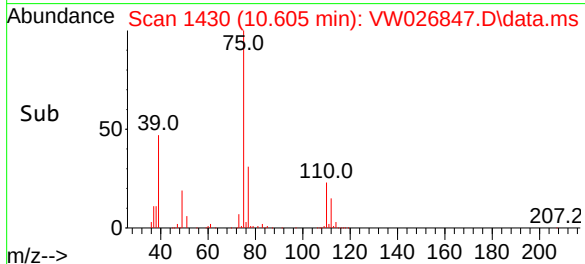
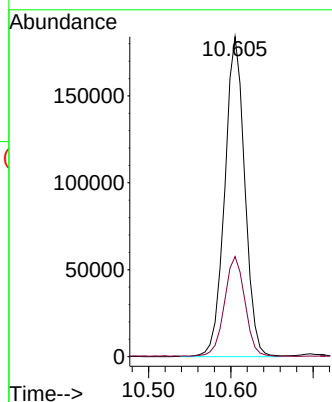
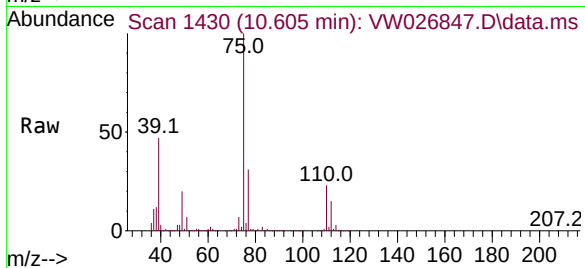
ClientSampleId :

Tgt Ion: 75 Resp: 310618

Ion Ratio Lower Upper

75 100

77 31.3 21.2 39.4



#45

1,1,2-Trichloroethane

Concen: 25.492 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

Tgt Ion: 97 Resp: 171719

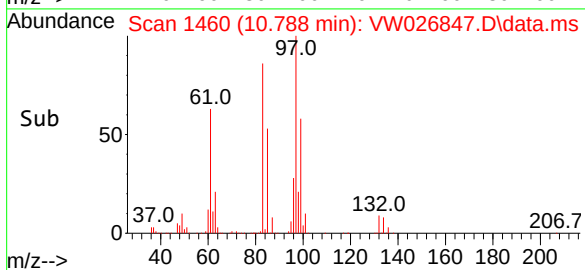
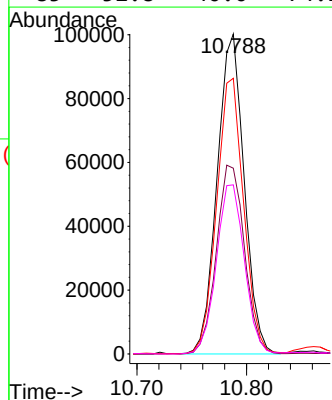
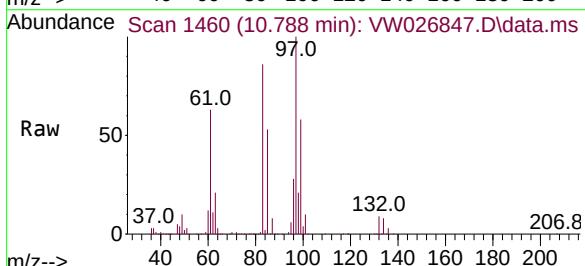
Ion Ratio Lower Upper

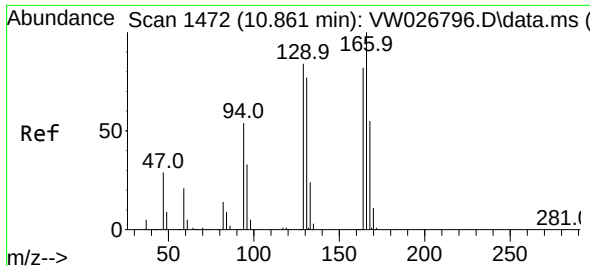
97 100

99 58.1 44.2 82.0

83 86.2 61.9 114.9

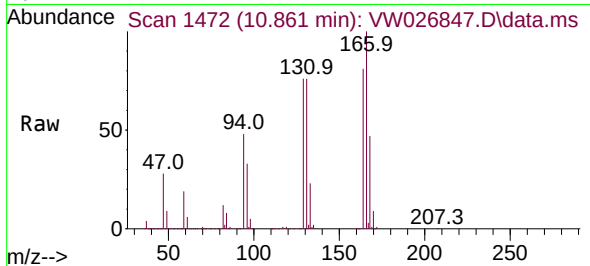
85 52.8 40.0 74.2



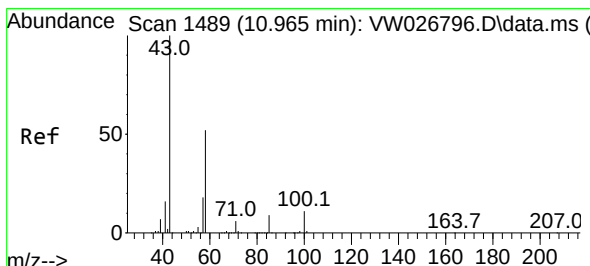
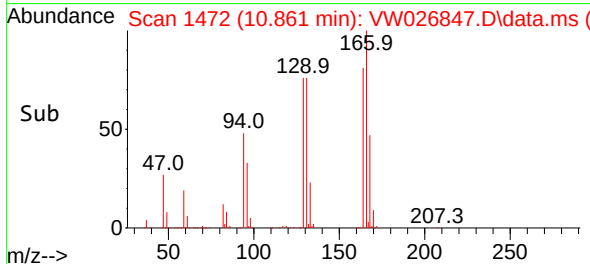
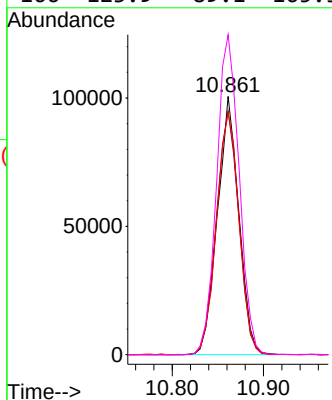


#46
Tetrachloroethene
Concen: 24.628 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

Instrument :
MSVOA_W
ClientSampleId :

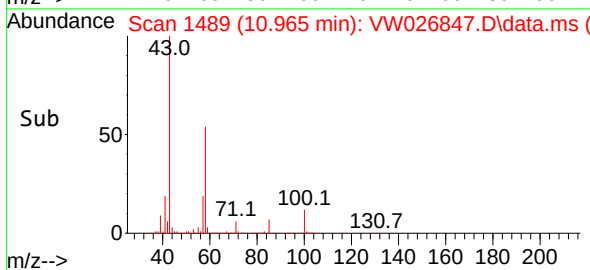
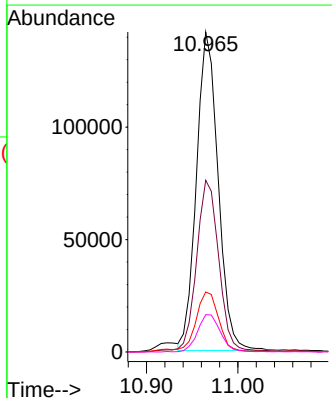
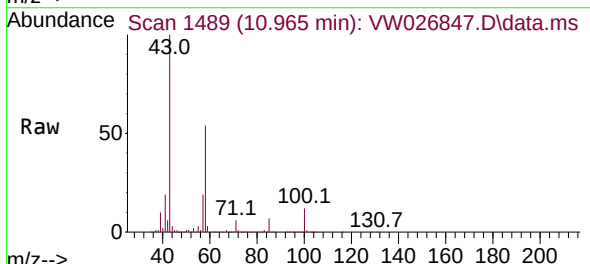


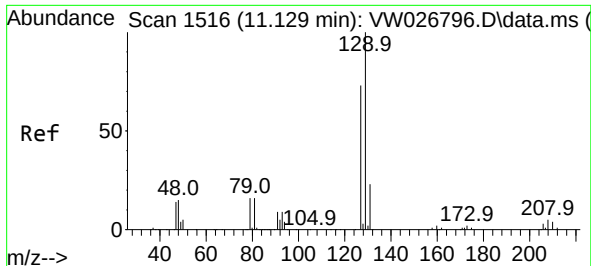
Tgt Ion:	164	Resp:	163868
Ion	Ratio	Lower	Upper
164	100		
129	94.4	68.1	126.5
131	93.6	65.5	121.7
166	123.9	89.1	165.5



#48
2-Hexanone
Concen: 53.629 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

Tgt Ion:	43	Resp:	233799
Ion	Ratio	Lower	Upper
43	100		
58	55.5	41.1	61.7
57	19.4	14.3	21.5
100	12.4	8.8	13.2





#49

Dibromochloromethane

Concen: 25.895 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

Instrument :

MSVOA_W

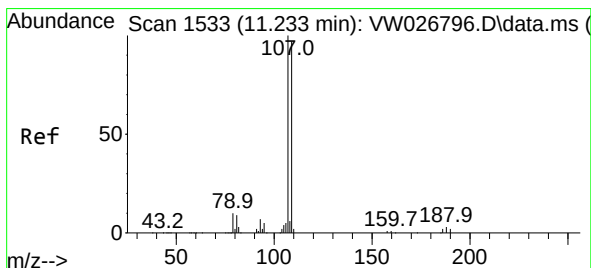
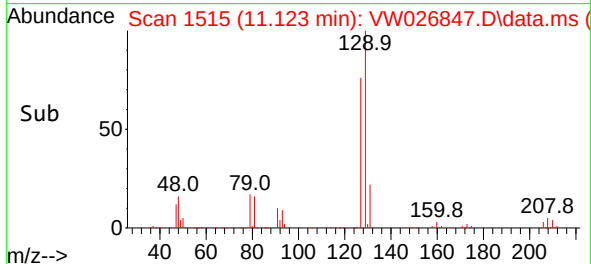
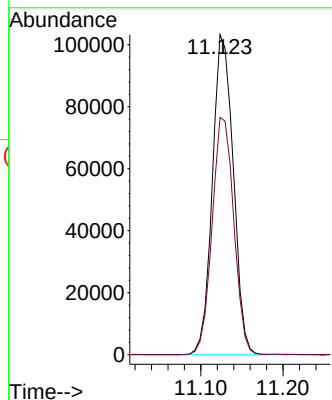
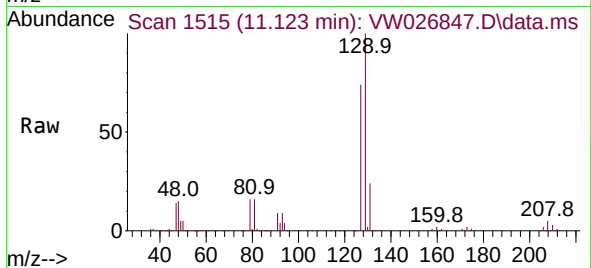
ClientSampleId :

Tgt Ion:129 Resp: 182445

Ion Ratio Lower Upper

129 100

127 74.2 56.6 105.2



#50

1,2-Dibromoethane

Concen: 25.163 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

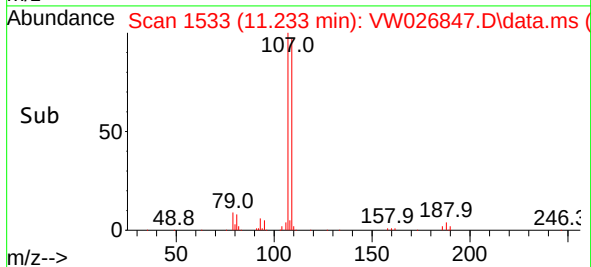
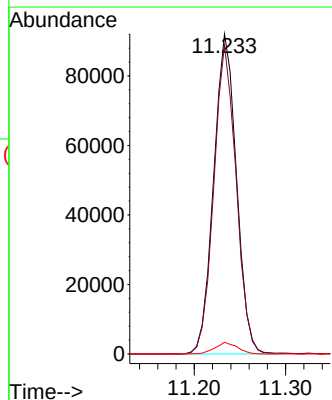
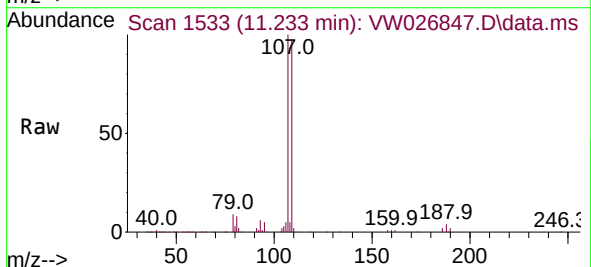
Tgt Ion:107 Resp: 159047

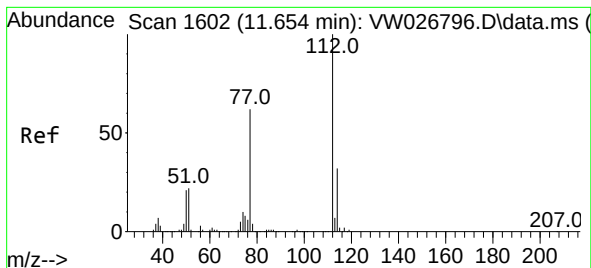
Ion Ratio Lower Upper

107 100

109 96.5 68.8 127.8

188 3.6 2.7 4.1





#51

Chlorobenzene

Concen: 25.328 ug/L

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

Instrument :

MSVOA_W

ClientSampleId :

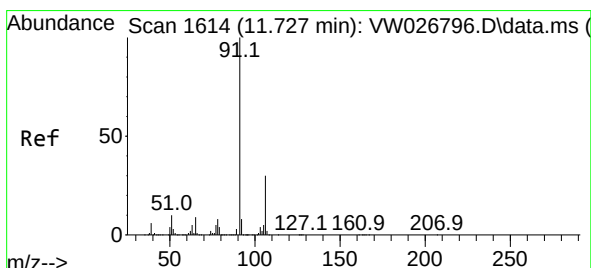
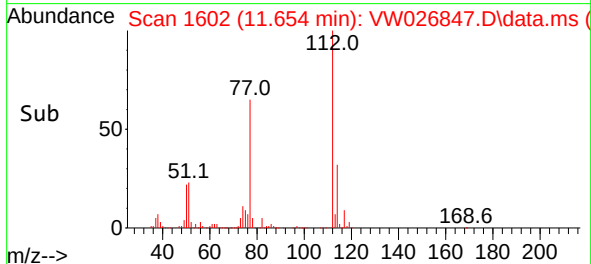
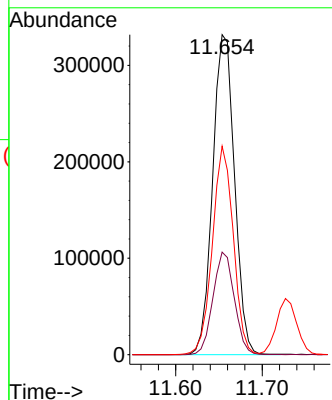
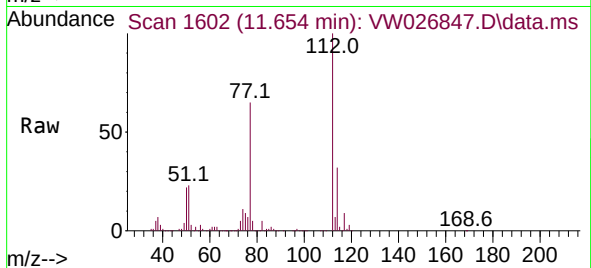
Tgt Ion:112 Resp: 581992

Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

77 65.1 50.2 75.2



#52

Ethylbenzene

Concen: 26.038 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW026847.D

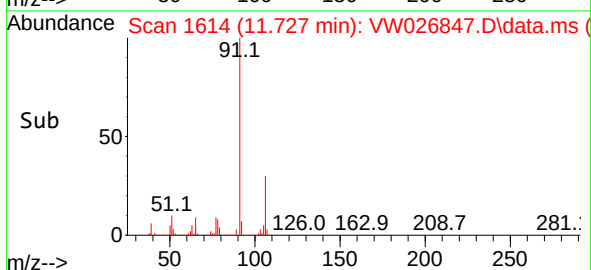
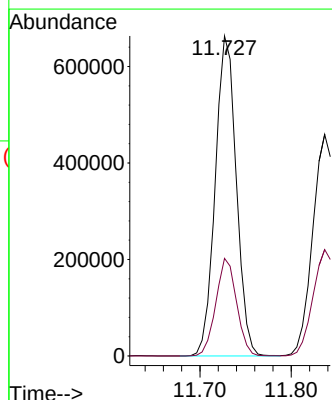
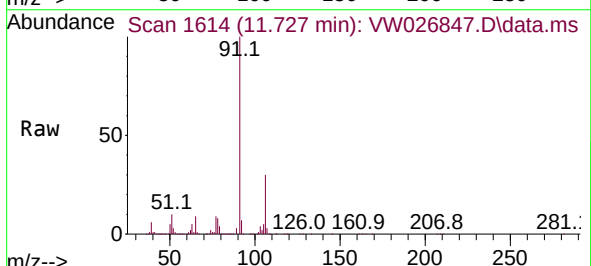
Acq: 24 Aug 2023 10:45

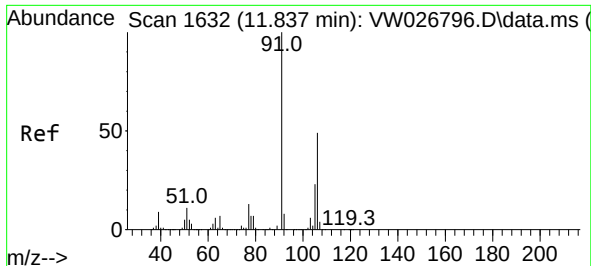
Tgt Ion: 91 Resp: 1062176

Ion Ratio Lower Upper

91 100

106 30.5 20.2 37.6

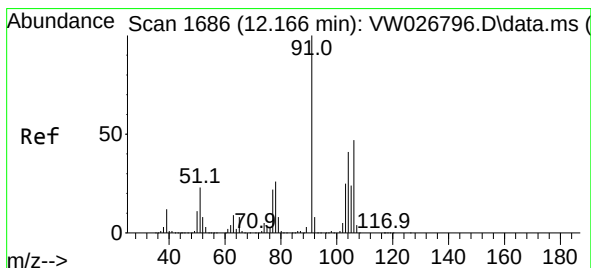
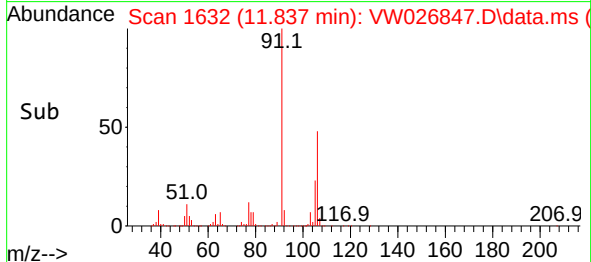
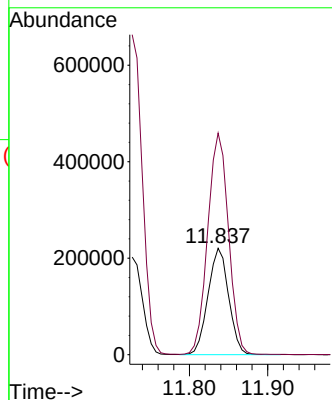
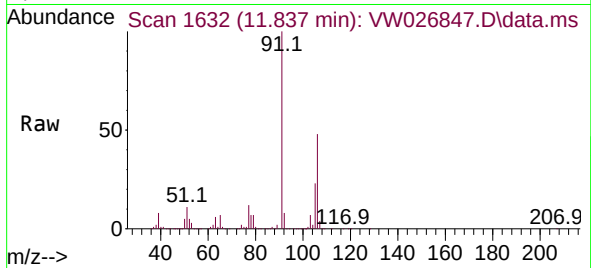




#53
m,p-Xylene
Concen: 26.700 ug/L
RT: 11.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

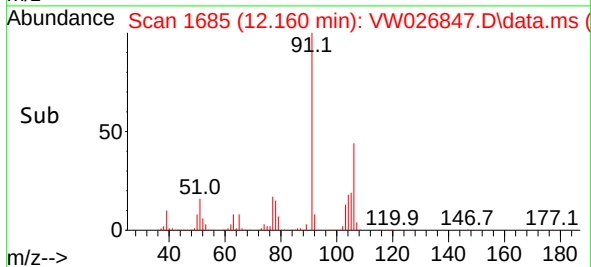
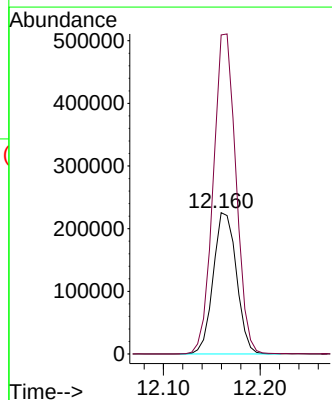
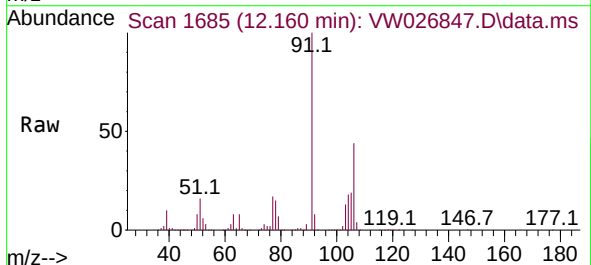
Instrument :
MSVOA_W
ClientSampleId :

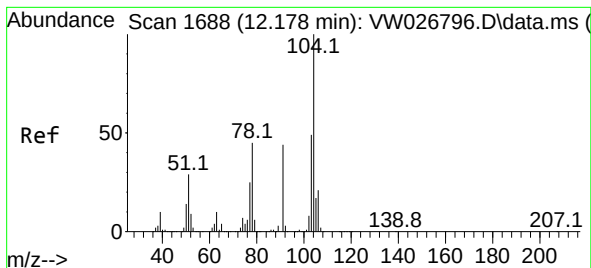
Tgt Ion:106 Resp: 403493
Ion Ratio Lower Upper
106 100
91 208.4 152.9 284.1



#54
o-Xylene
Concen: 26.682 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

Tgt Ion:106 Resp: 376332
Ion Ratio Lower Upper
106 100
91 225.9 149.9 278.3





#55

Styrene

Concen: 27.500 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

Instrument :

MSVOA_W

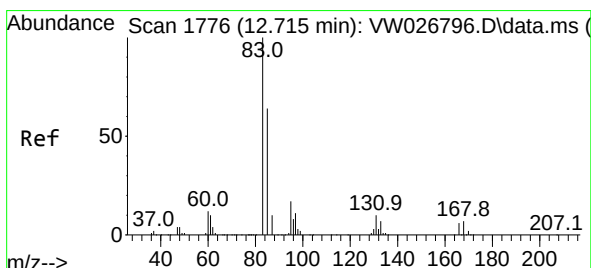
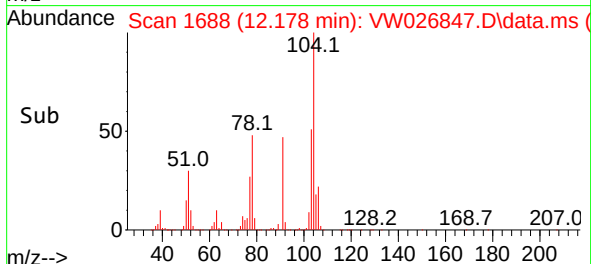
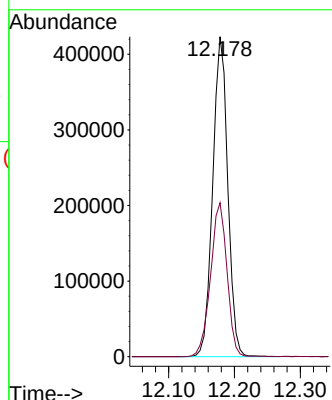
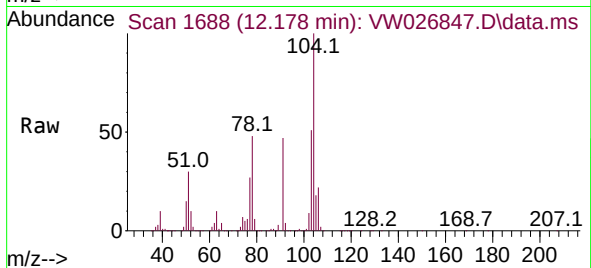
ClientSampleId :

Tgt Ion:104 Resp: 674415

Ion Ratio Lower Upper

104 100

78 48.1 33.0 61.2



#57

1,1,2,2-Tetrachloroethane

Concen: 25.996 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

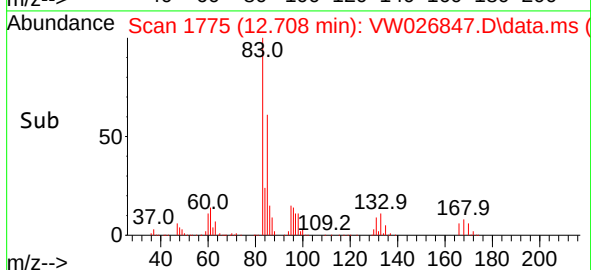
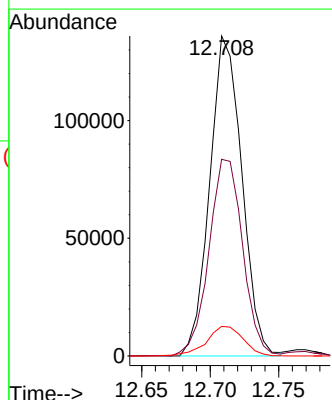
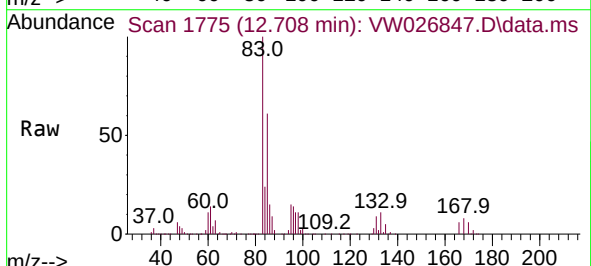
Tgt Ion: 83 Resp: 221781

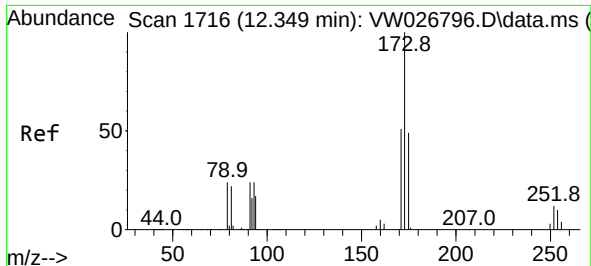
Ion Ratio Lower Upper

83 100

85 61.5 44.9 83.3

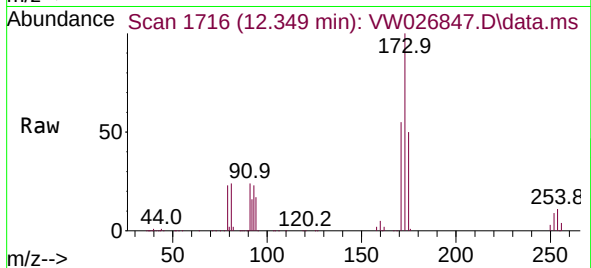
131 9.2 7.4 11.0



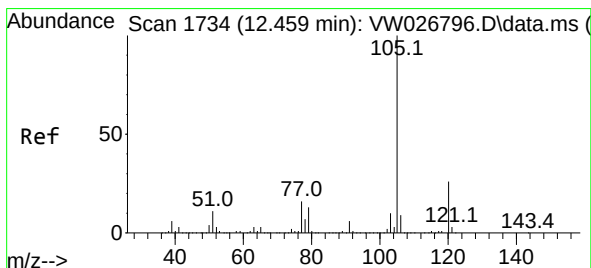
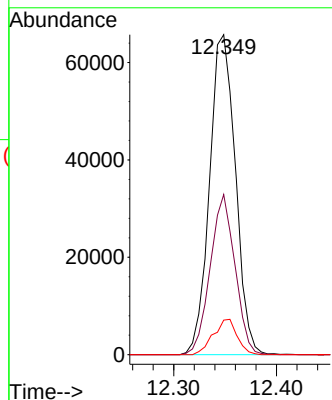
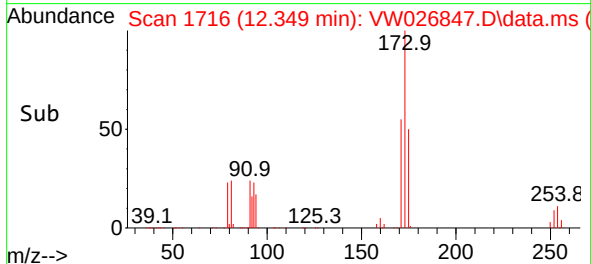


#59
Bromoform
Concen: 26.454 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

Instrument :
MSVOA_W
ClientSampleId :

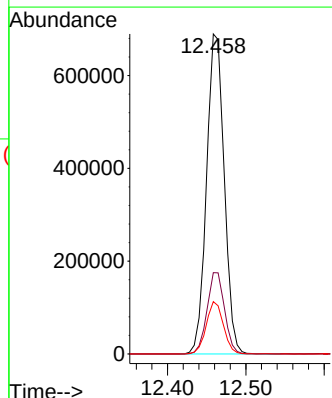
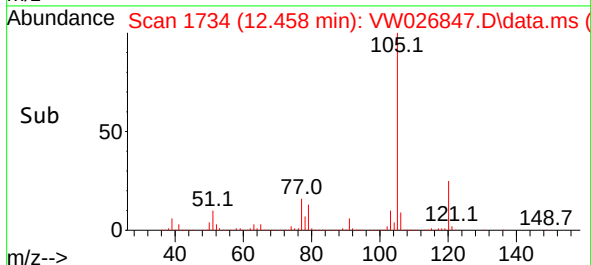
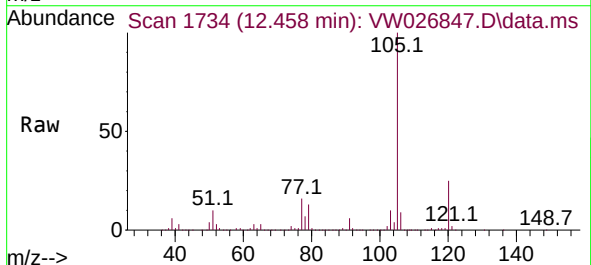


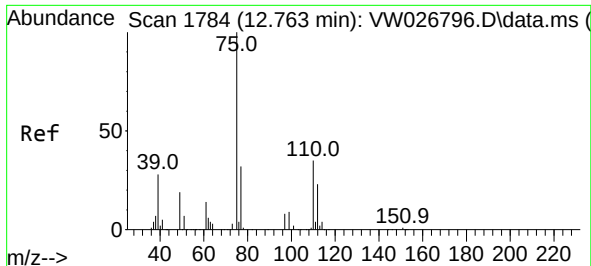
Tgt Ion:173 Resp: 115173
Ion Ratio Lower Upper
173 100
175 47.8 36.6 55.0
254 10.2 7.8 11.6



#60
Isopropylbenzene
Concen: 26.122 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

Tgt Ion:105 Resp: 1079364
Ion Ratio Lower Upper
105 100
120 25.2 21.0 31.6
77 15.9 13.4 20.2





#61

1,2,3-Trichloropropane

Concen: 24.182 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

Instrument :

MSVOA_W

ClientSampleId :

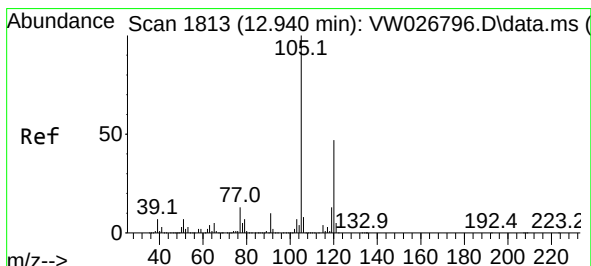
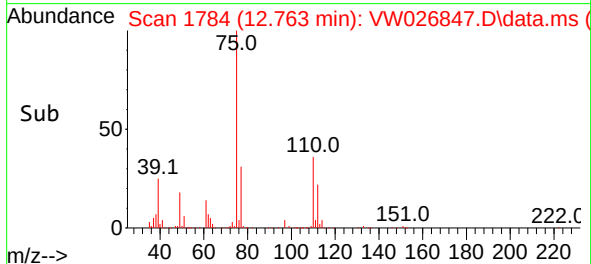
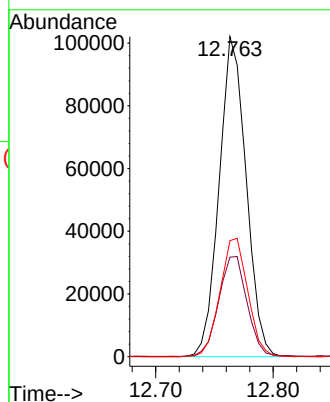
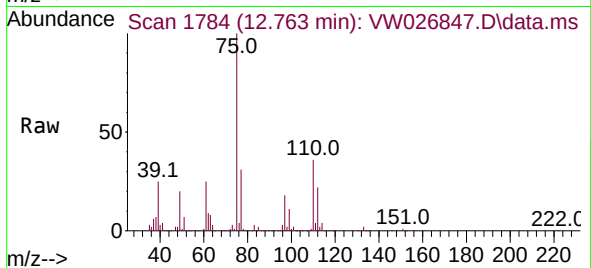
Tgt Ion: 75 Resp: 163028

Ion Ratio Lower Upper

75 100

77 33.0 26.1 39.1

110 38.1 29.9 44.9



#62

1,3,5-Trimethylbenzene

Concen: 27.251 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026847.D

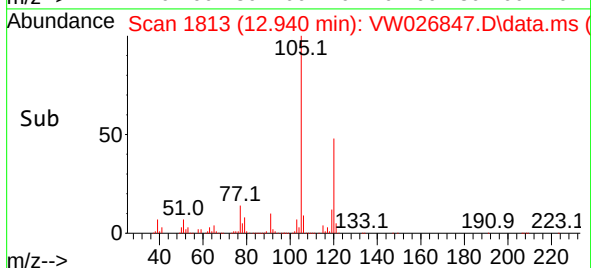
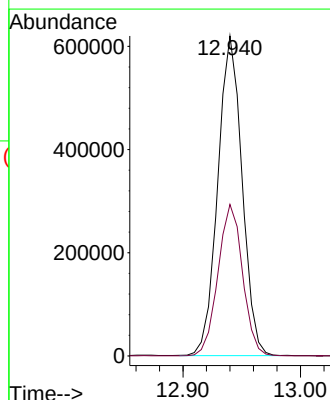
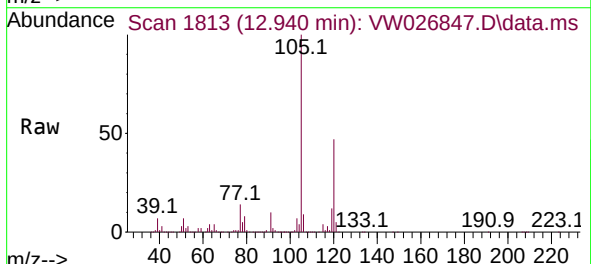
Acq: 24 Aug 2023 10:45

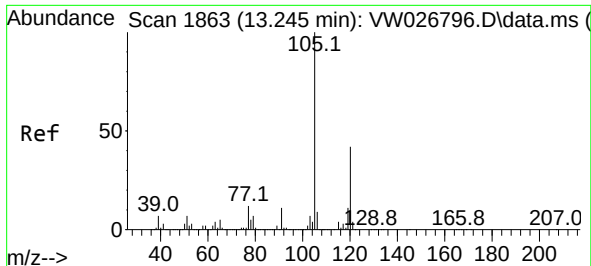
Tgt Ion:105 Resp: 890018

Ion Ratio Lower Upper

105 100

120 48.1 37.4 56.2

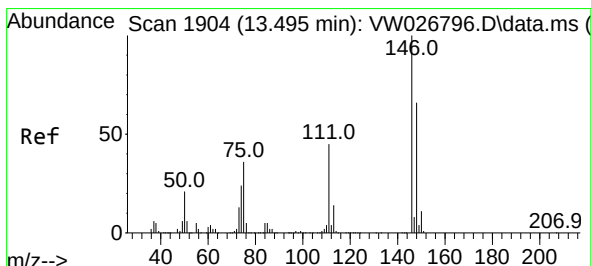
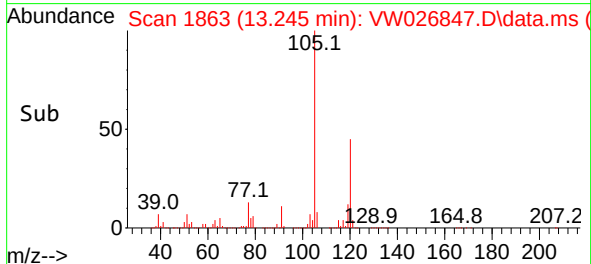
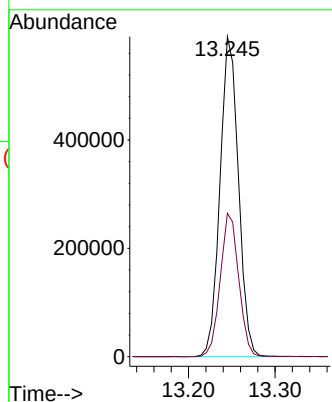
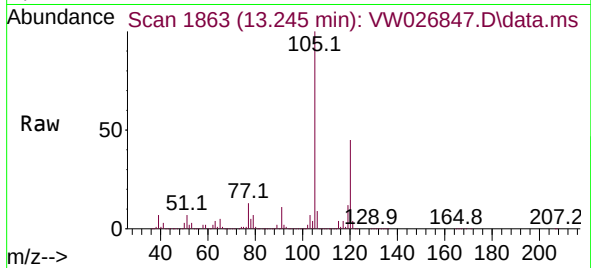




#63
1,2,4-Trimethylbenzene
Concen: 27.308 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

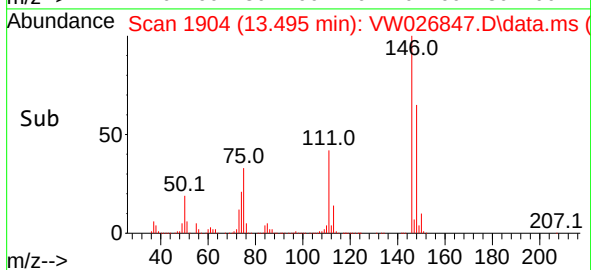
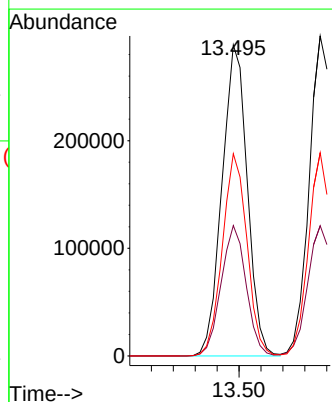
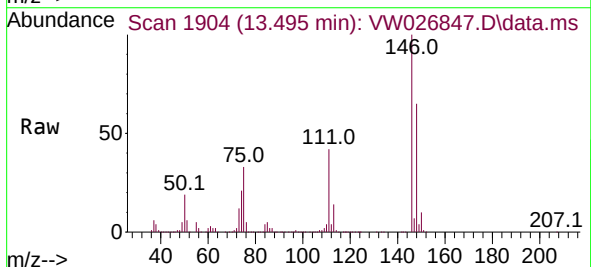
Instrument :
MSVOA_W
ClientSampleId :

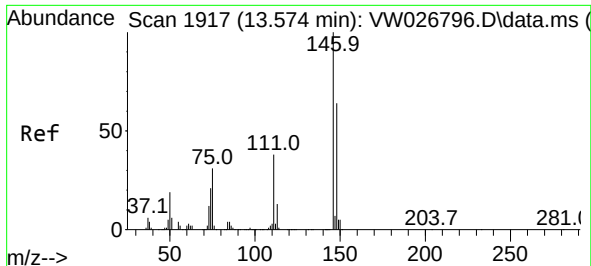
Tgt Ion:105 Resp: 873976
Ion Ratio Lower Upper
105 100
120 44.8 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 25.810 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

Tgt Ion:146 Resp: 463819
Ion Ratio Lower Upper
146 100
111 41.9 29.1 54.1
148 65.0 38.8 72.0

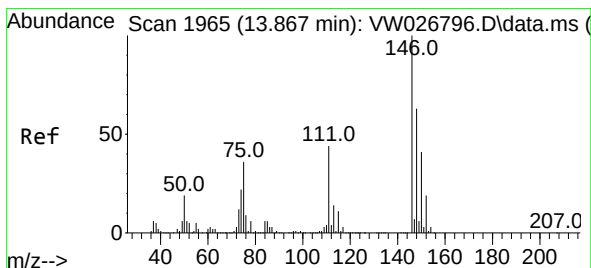
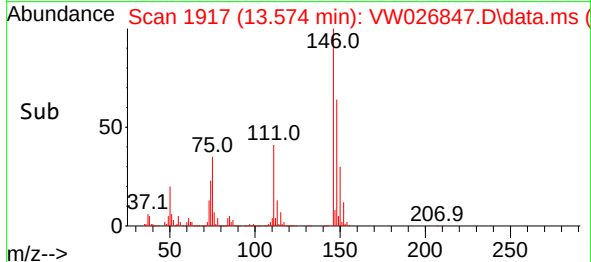
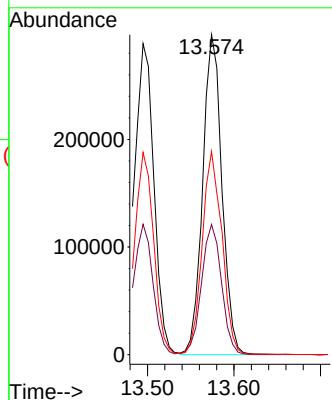
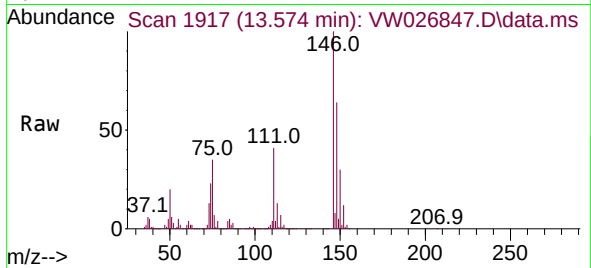




#65
1,4-Dichlorobenzene
Concen: 24.484 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

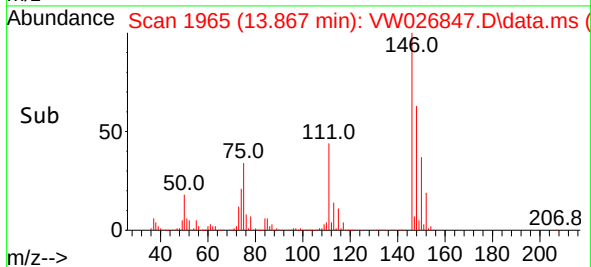
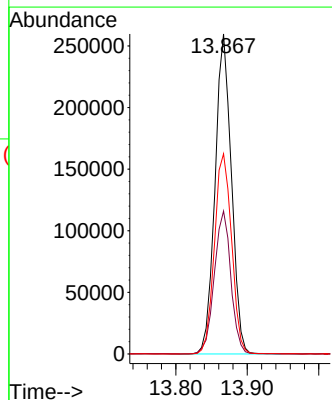
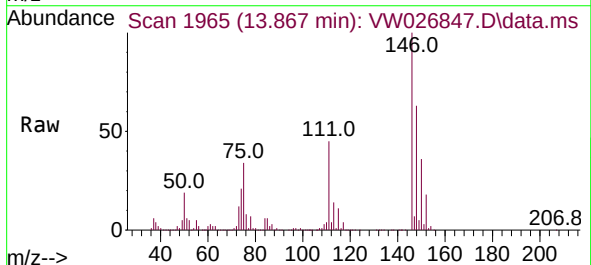
Instrument :
MSVOA_W
ClientSampleId :

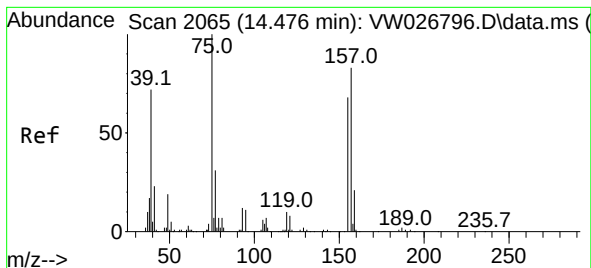
Tgt Ion:146 Resp: 459170
Ion Ratio Lower Upper
146 100
111 40.7 28.3 52.7
148 63.5 44.2 82.2



#67
1,2-Dichlorobenzene
Concen: 25.231 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026847.D
Acq: 24 Aug 2023 10:45

Tgt Ion:146 Resp: 412317
Ion Ratio Lower Upper
146 100
111 44.7 34.6 52.0
148 62.6 53.4 80.0

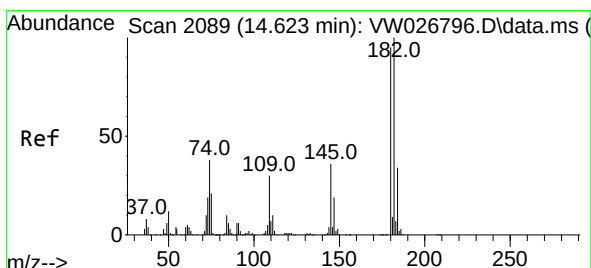
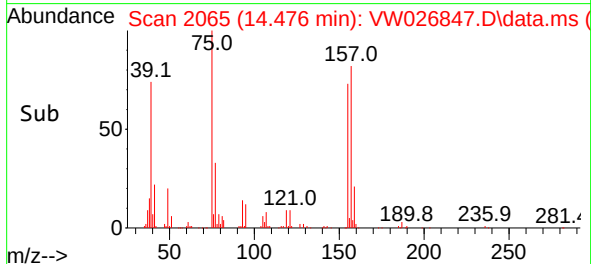
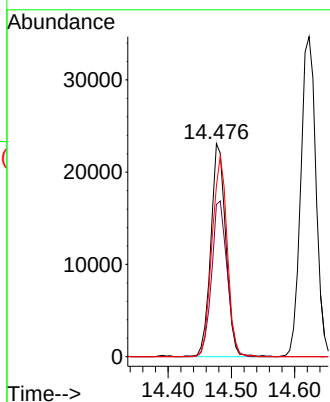
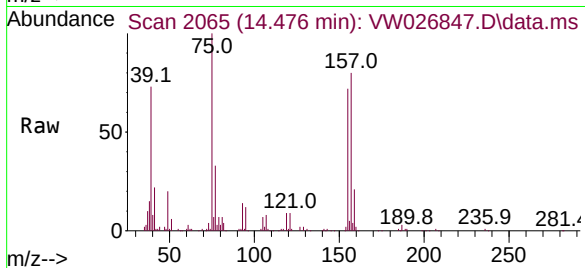




#68
 1,2-Dibromo-3-chloropropane
 Concen: 23.397 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: VW026847.D
 Acq: 24 Aug 2023 10:45

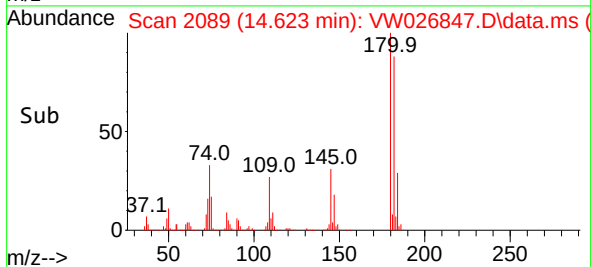
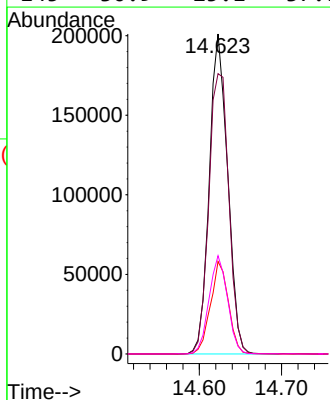
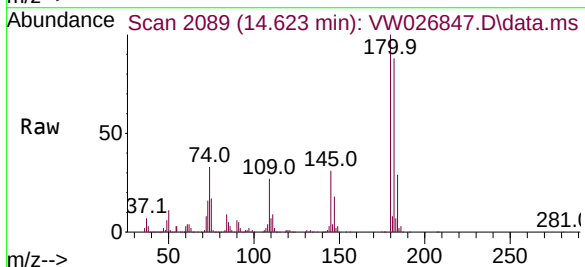
Instrument :
 MSVOA_W
 ClientSampleId :

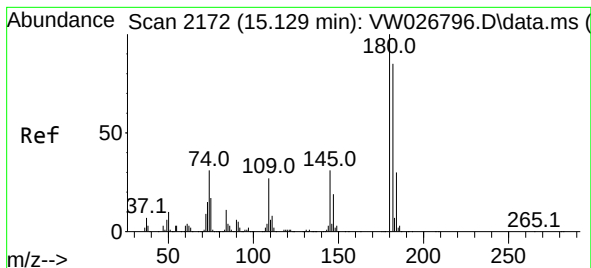
Tgt Ion: 75 Resp: 38026
 Ion Ratio Lower Upper
 75 100
 155 71.5 55.0 82.6
 157 80.2 77.8 116.6



#69
 1,3,5-Trichlorobenzene
 Concen: 25.752 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW026847.D
 Acq: 24 Aug 2023 10:45

Tgt Ion:180 Resp: 312647
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.2 112.8
 184 28.2 23.8 35.8
 145 30.9 25.1 37.7





#70

1,2,4-trichlorobenzene

Concen: 25.648 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

Instrument :

MSVOA_W

ClientSampleId :

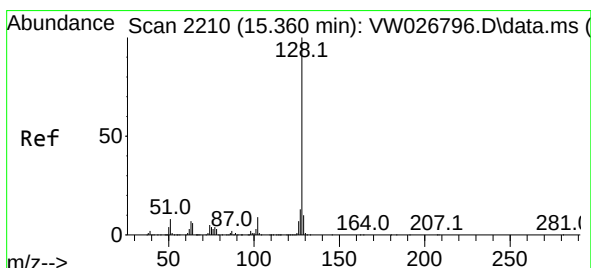
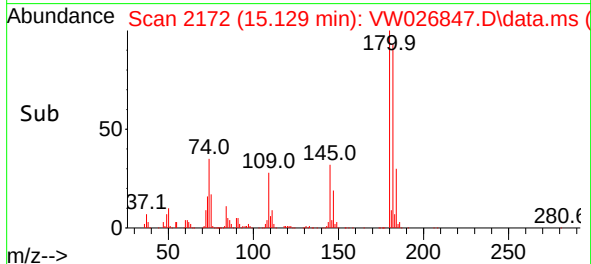
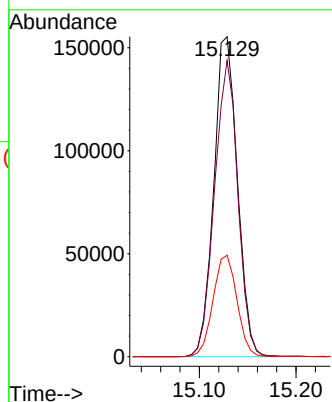
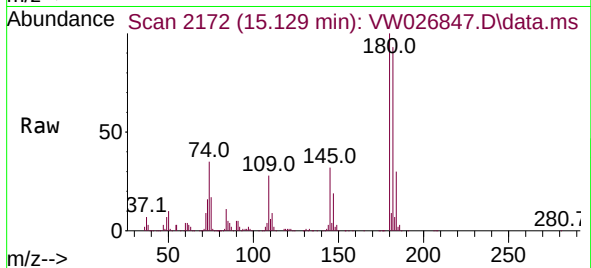
Tgt Ion:180 Resp: 264013

Ion Ratio Lower Upper

180 100

182 91.3 72.5 108.7

145 32.1 24.7 37.1



#71

Naphthalene

Concen: 28.015 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW026847.D

Acq: 24 Aug 2023 10:45

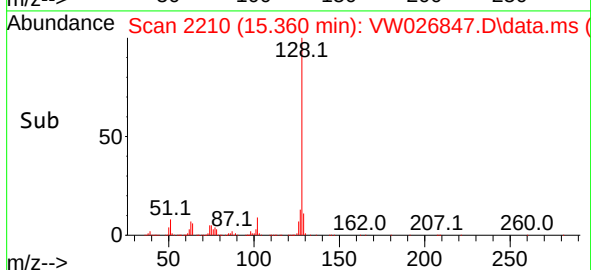
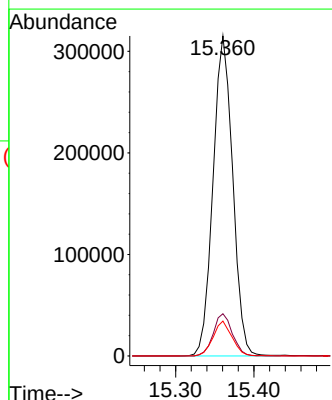
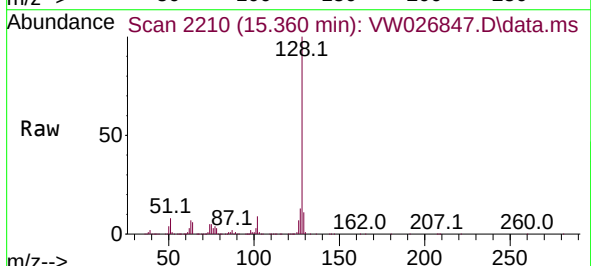
Tgt Ion:128 Resp: 550077

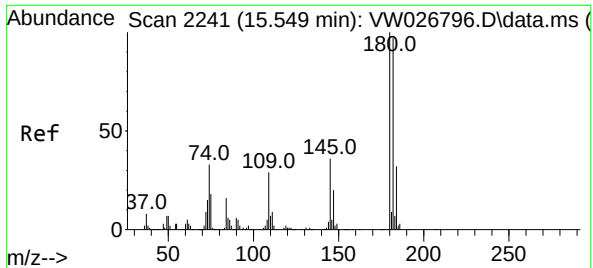
Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

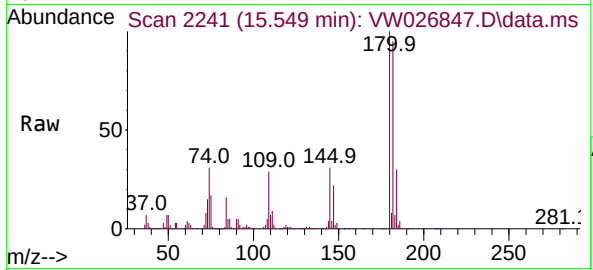
129 10.5 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 26.185 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026847.D
 Acq: 24 Aug 2023 10:45

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	243110
Ion Ratio	Lower	Upper	
180	100		
182	93.3	74.6	112.0
145	32.9	27.0	40.6

