

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101823\
 Data File : VW027320.D
 Acq On : 18 Oct 2023 10:14
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 18 22:15:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 16 01:55:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	478615	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	425095	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	214666	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	147436	20.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.720%
7) Chloroethane-d5	2.899	69	115256	21.975	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.920%
11) 1,1-Dichloroethene-d2	4.021	65	74623	20.389	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.560%
21) 2-Butanone-d5	7.075	46	92426	38.070	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.140%
24) Chloroform-d	7.648	84	305647	21.426	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.720%
26) 1,2-Dichloroethane-d4	8.307	65	163070	21.281	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.120%
32) Benzene-d6	8.276	84	635057	22.081	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.320%
36) 1,2-Dichloropropane-d6	9.270	67	192917	21.961	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.840%
41) Toluene-d8	10.325	98	551151	21.132	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.520%
43) trans-1,3-Dichloroprop...	10.575	79	83505	20.849	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.400%
47) 2-Hexanone-d5	10.922	63	72281	39.770	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	138635	21.152	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	165409	21.263	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	121963	21.417	ug/L	95
3) Chloromethane	2.229	50	145356	22.211	ug/L	97
5) Vinyl chloride	2.381	62	162322	22.205	ug/L	95
6) Bromomethane	2.789	94	92464	22.207	ug/L	98
8) Chloroethane	2.936	64	95121	22.605	ug/L	100
9) Trichlorofluoromethane	3.265	101	127524	24.727	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	150468	23.299	ug/L	99
12) 1,1-Dichloroethene	4.045	96	142150	22.650	ug/L	91
13) Acetone	4.125	43	97413	46.455	ug/L	100
14) Carbon disulfide	4.393	76	407308	20.934	ug/L	100
16) Methylene chloride	4.923	84	152830	17.444	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	150892	22.371	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	259460	22.296	ug/L #	86
19) 1,1-Dichloroethane	6.222	63	315537	22.929	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	172783	22.683	ug/L	98
22) 2-Butanone	7.167	43	119038	37.926	ug/L	98
23) Bromochloromethane	7.514	128	66640	21.191	ug/L	93
25) Chloroform	7.679	83	300389	23.322	ug/L	99
27) 1,2-Dichloroethane	8.398	62	196586	22.469	ug/L	99

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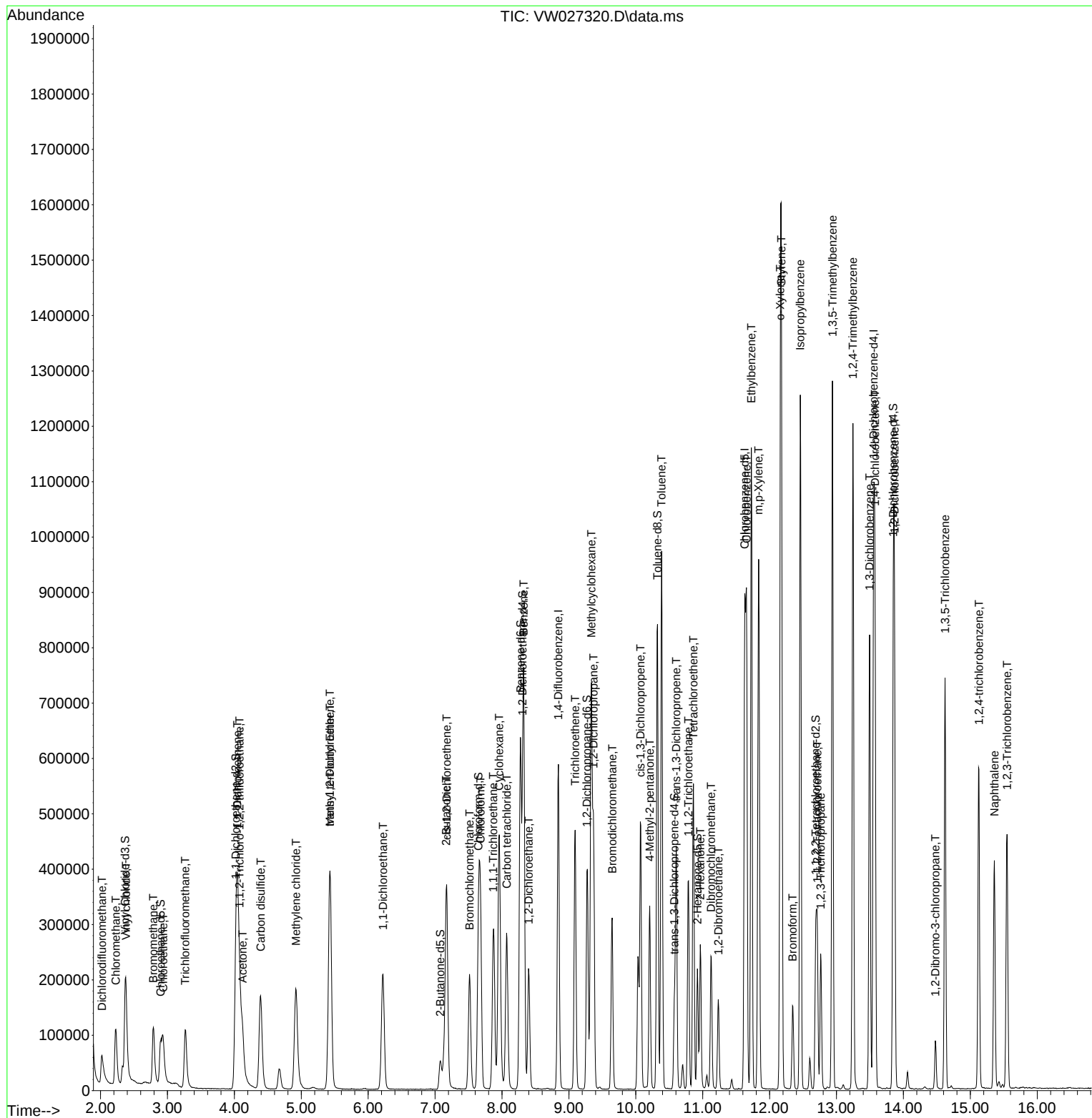
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	294553	22.821	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	244528	23.582	ug/L	98
31) Carbon tetrachloride	8.069	117	212722	22.751	ug/L	100
33) Benzene	8.325	78	663590	23.886	ug/L	100
34) Trichloroethene	9.093	95	170949	23.295	ug/L	94
35) Methylcyclohexane	9.337	83	299599	22.830	ug/L	99
37) 1,2-Dichloropropane	9.368	63	179740	23.928	ug/L	99
38) Bromodichloromethane	9.648	83	214175	23.187	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	283387	22.838	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	224345	43.428	ug/L	99
42) Toluene	10.386	91	683660	23.458	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	233118	22.265	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	120648	23.340	ug/L	98
46) Tetrachloroethene	10.861	164	118826	23.450	ug/L	90
48) 2-Hexanone	10.965	43	169429	44.312	ug/L	100
49) Dibromochloromethane	11.123	129	126085	21.964	ug/L	99
50) 1,2-Dibromoethane	11.233	107	112309	22.409	ug/L	98
51) Chlorobenzene	11.654	112	439084	24.059	ug/L	96
52) Ethylbenzene	11.727	91	802018	23.682	ug/L	96
53) m,p-Xylene	11.837	106	292166	22.745	ug/L	97
54) o-Xylene	12.160	106	286355	23.280	ug/L	98
55) Styrene	12.178	104	490820	23.364	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	143627	22.761	ug/L	99
59) Bromoform	12.343	173	68301	21.382	ug/L	98
60) Isopropylbenzene	12.458	105	806432	23.914	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	105343	22.475	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	669456	23.799	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	638305	23.192	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	320158	23.412	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	321414	23.535	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	287261	23.673	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	23758	20.281	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.623	180	201835	22.736	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	168754	22.334	ug/L	98
71) Naphthalene	15.360	128	341735	21.993	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	149409	24.047	ug/L	93

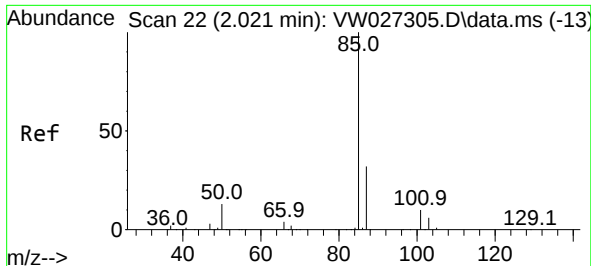
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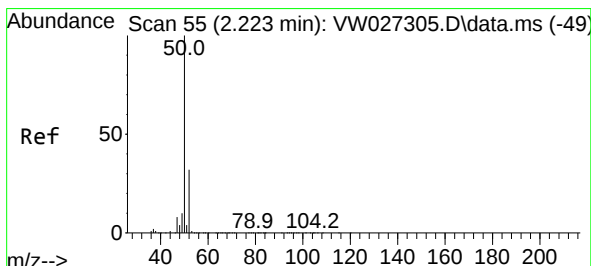
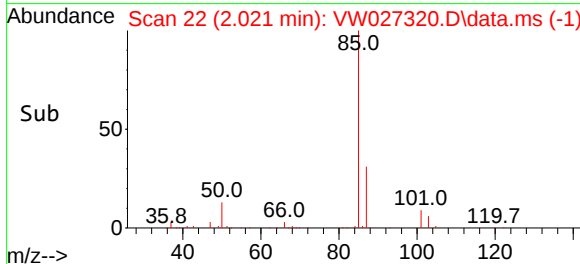
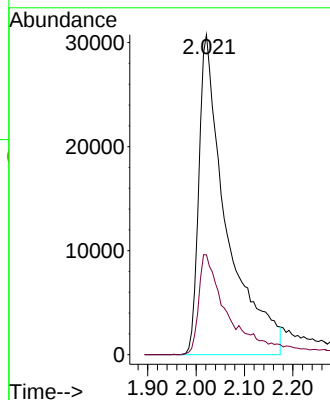
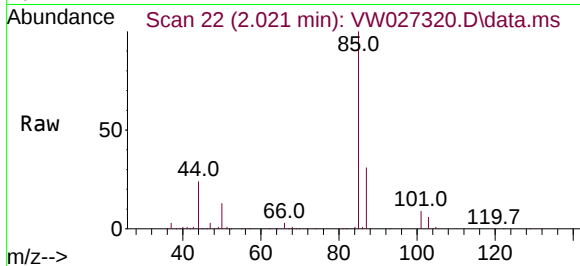




#2
Dichlorodifluoromethane
Concen: 21.417 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

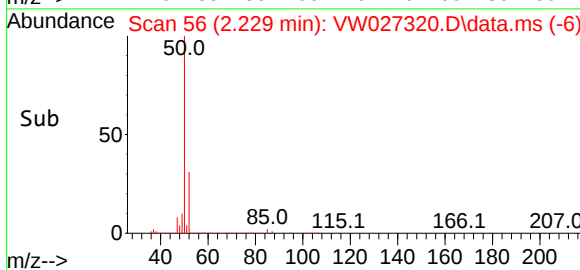
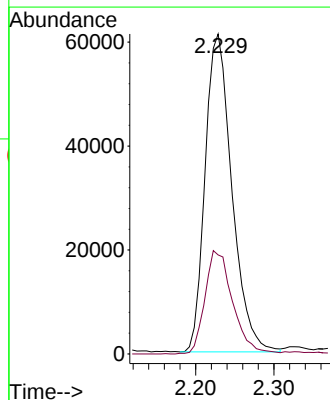
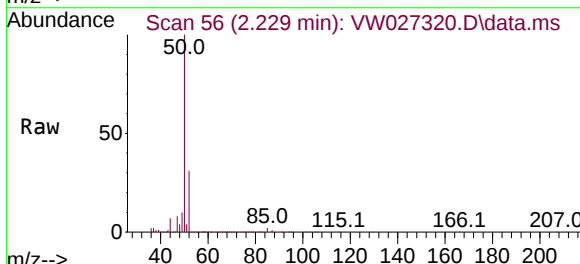
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ClientSampleId :

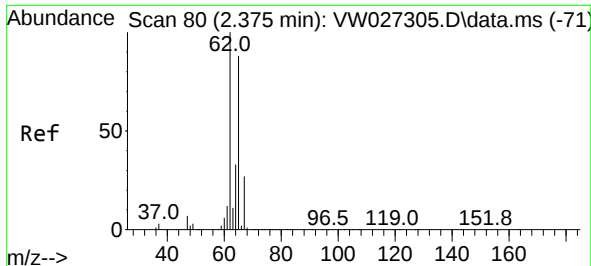
Tgt Ion: 85 Resp: 121963
Ion Ratio Lower Upper
85 100
87 25.4 18.3 27.5



#3
Chloromethane
Concen: 22.211 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

Tgt Ion: 50 Resp: 145356
Ion Ratio Lower Upper
50 100
52 30.9 22.7 42.3

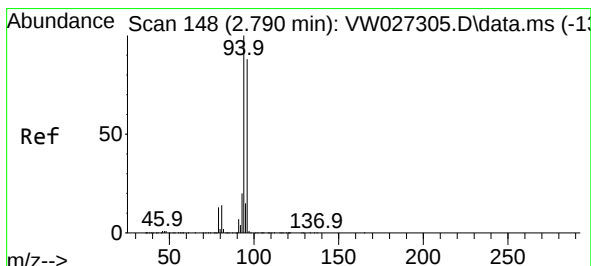
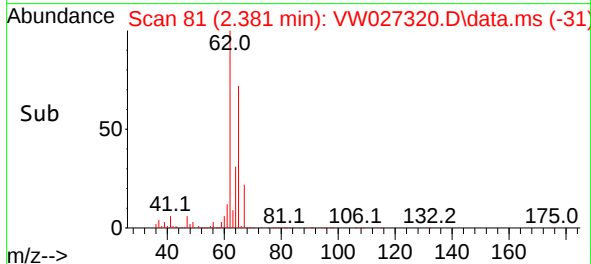
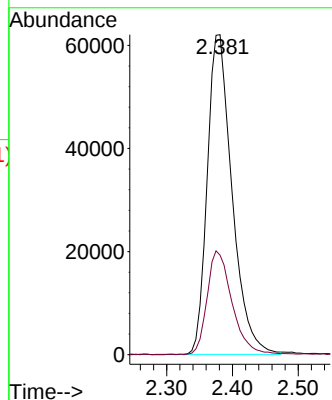
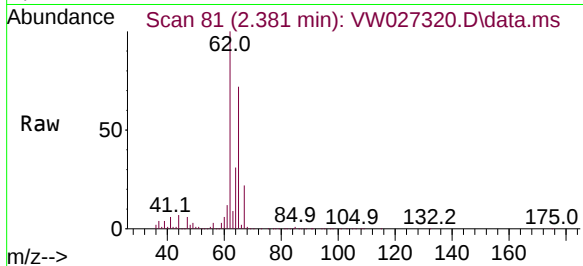




#5
 Vinyl chloride
 Concen: 22.205 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027320.D
 Acq: 18 Oct 2023 10:14

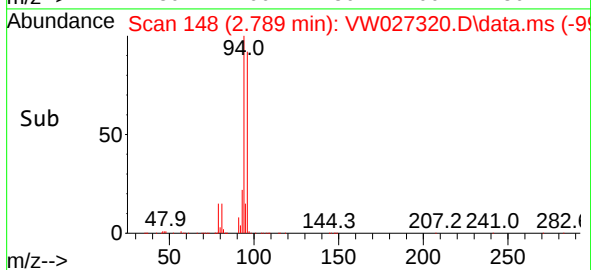
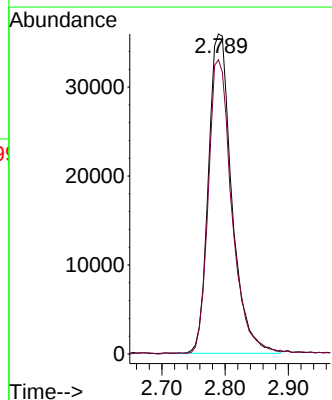
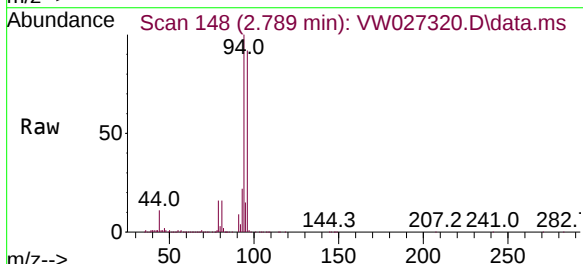
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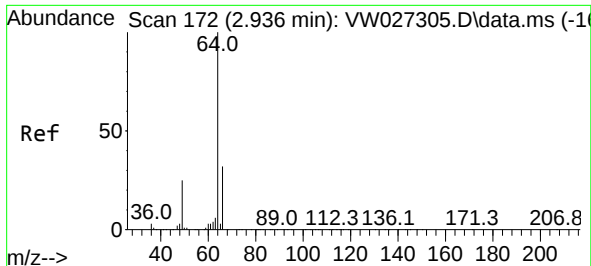
Tgt Ion: 62 Resp: 162322
 Ion Ratio Lower Upper
 62 100
 64 31.1 23.8 44.2



#6
 Bromomethane
 Concen: 22.207 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027320.D
 Acq: 18 Oct 2023 10:14

Tgt Ion: 94 Resp: 92464
 Ion Ratio Lower Upper
 94 100
 96 91.9 62.9 116.9

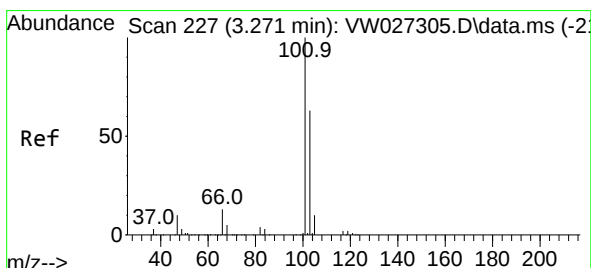
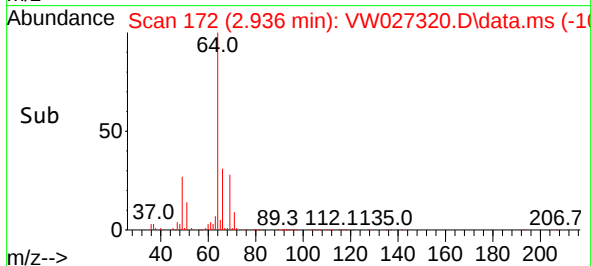
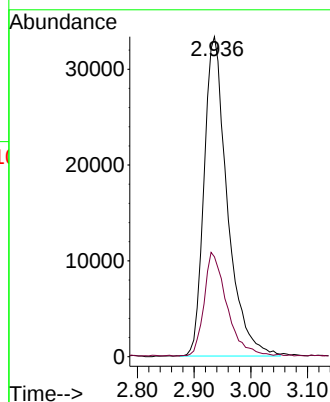
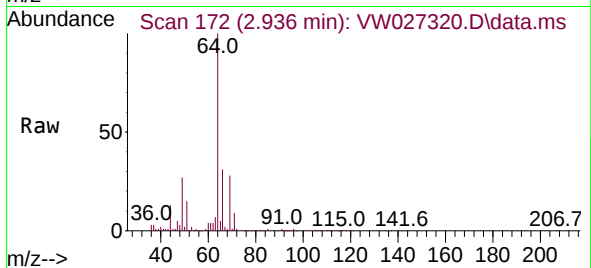




#8
Chloroethane
Concen: 22.605 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

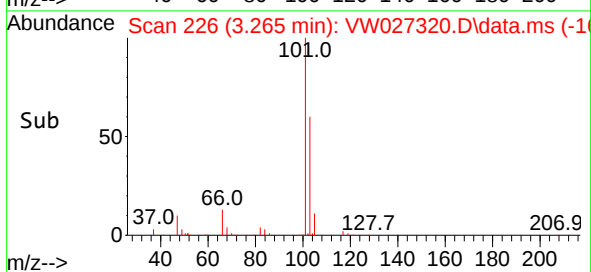
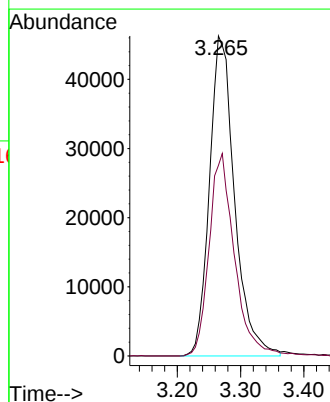
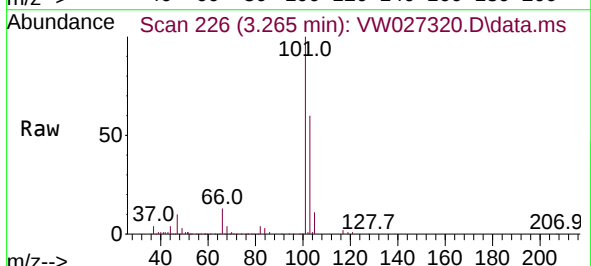
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MSVOA_W
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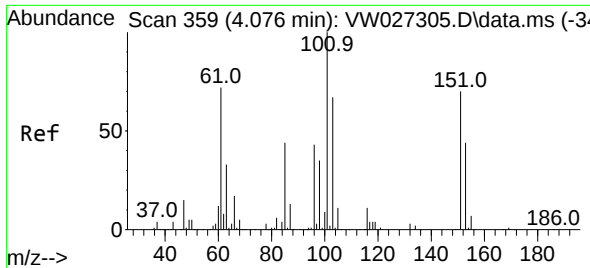
Tgt Ion: 64 Resp: 95121
Ion Ratio Lower Upper
64 100
66 31.2 21.7 40.3



#9
Trichlorofluoromethane
Concen: 24.727 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

Tgt Ion: 101 Resp: 127524
Ion Ratio Lower Upper
101 100
103 63.6 51.6 77.4

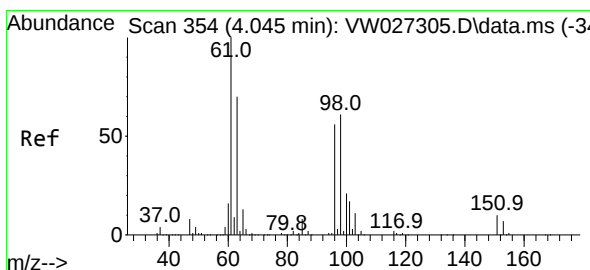
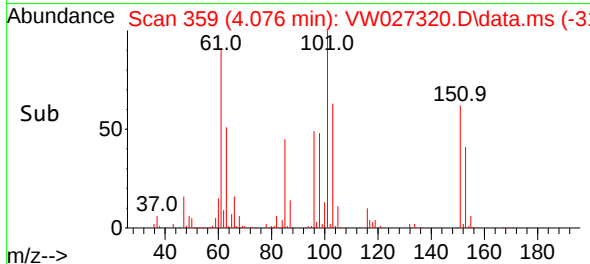
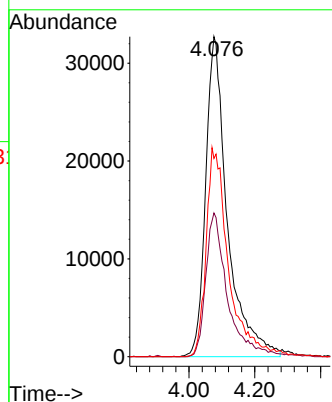
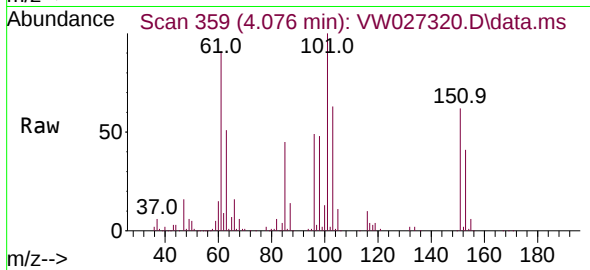




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.299 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027320.D
 Acq: 18 Oct 2023 10:14

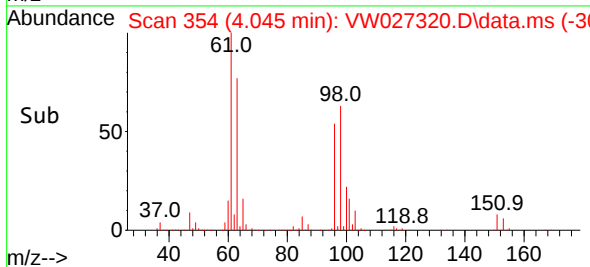
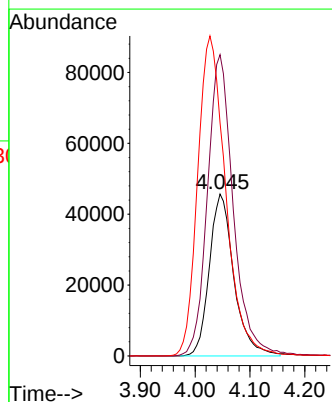
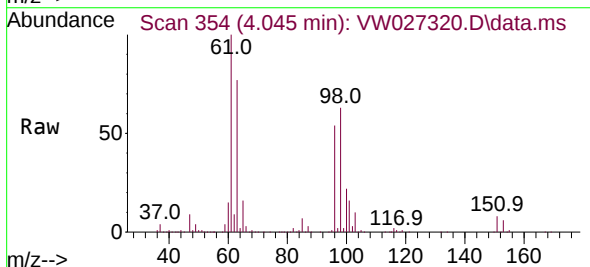
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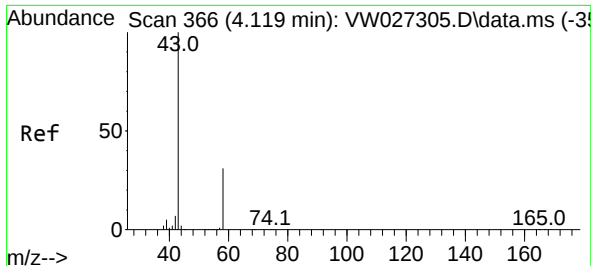
Tgt Ion:101 Resp: 150468
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.1 51.1
 151 63.0 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 22.650 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027320.D
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Tgt Ion: 96 Resp: 142150
 Ion Ratio Lower Upper
 96 100
 61 186.0 133.3 247.5
 63 144.1 115.8 215.2

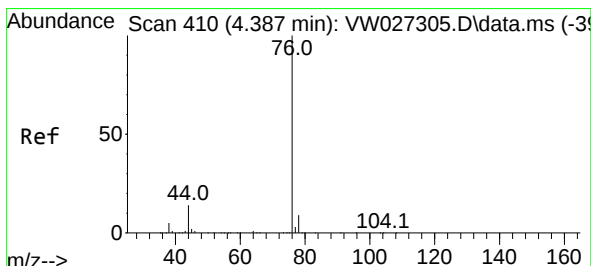
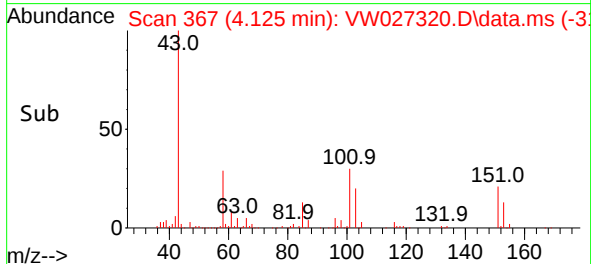
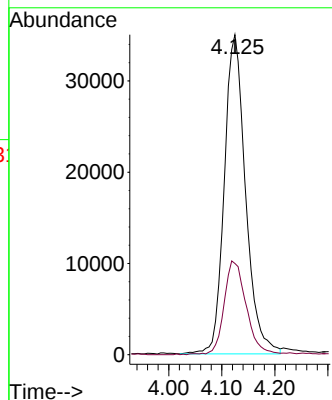
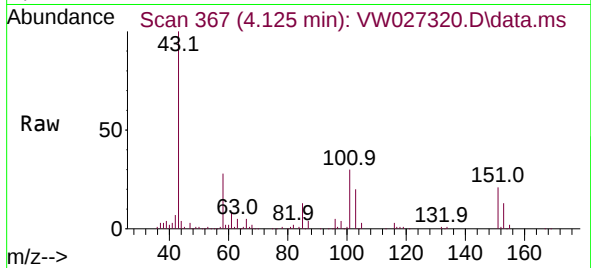




#13
Acetone
Concen: 46.455 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
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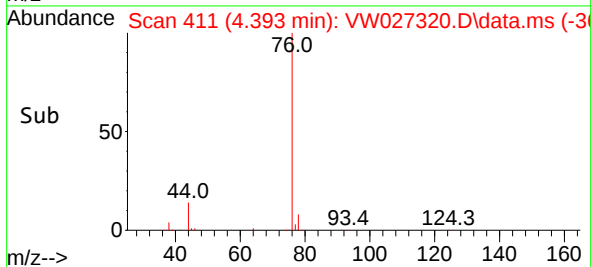
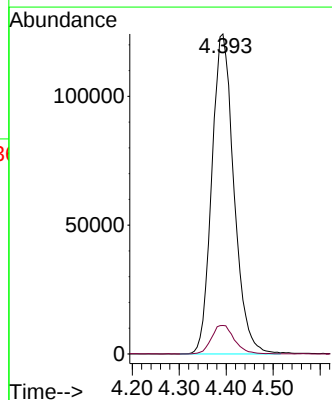
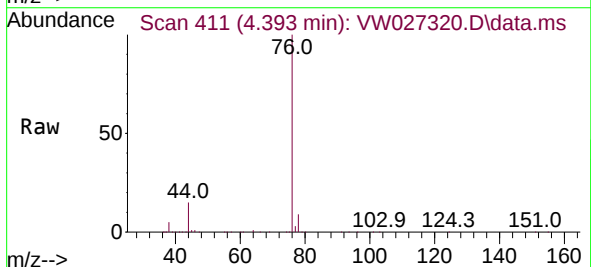
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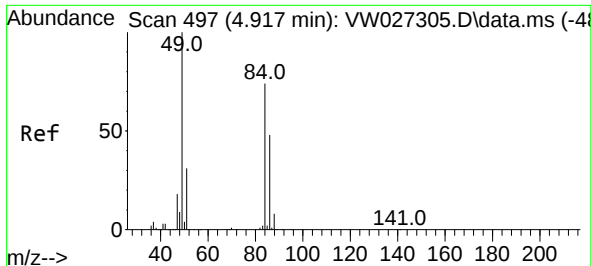
Tgt Ion: 43 Resp: 97413
Ion Ratio Lower Upper
43 100
58 30.4 0.0 60.8



#14
Carbon disulfide
Concen: 20.934 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 407308
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

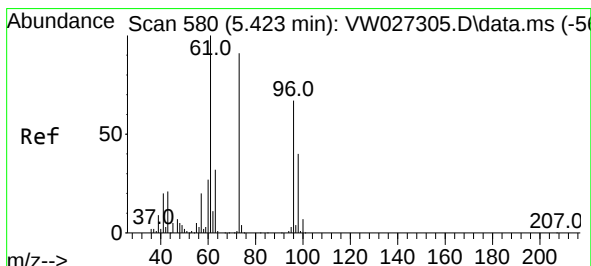
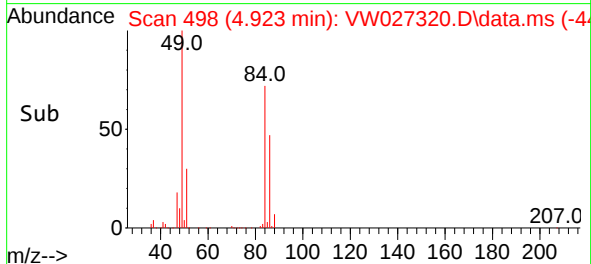
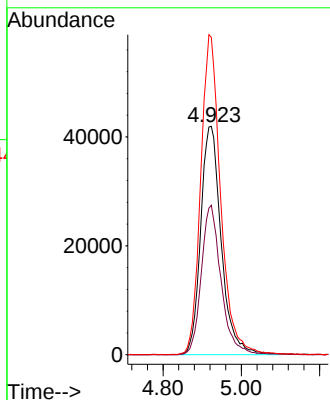
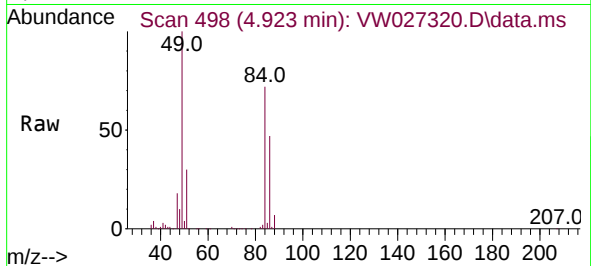




#16
Methylene chloride
Concen: 17.444 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

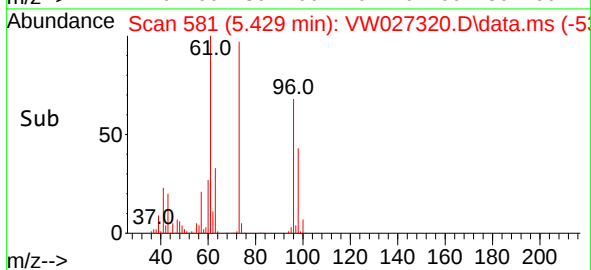
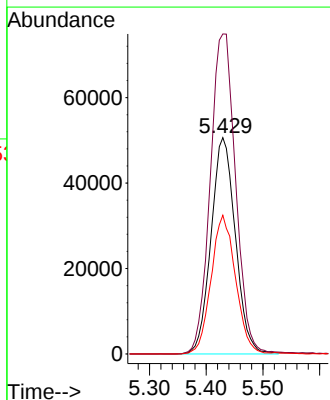
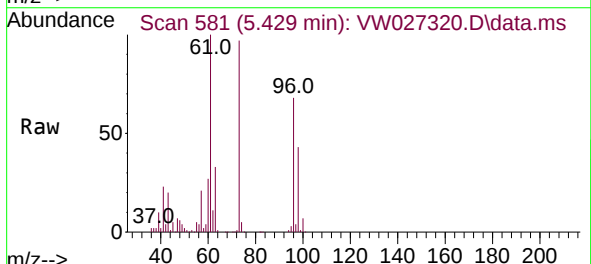
Instrument :
MSVOA_W
ClientSampleId :

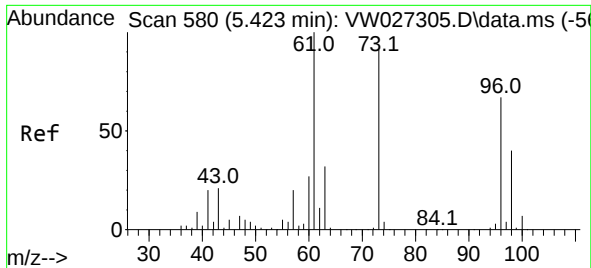
Tgt Ion: 84 Resp: 152830
Ion Ratio Lower Upper
84 100
86 65.5 41.3 76.7
49 139.0 92.8 172.4



#17
trans-1,2-Dichloroethene
Concen: 22.371 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

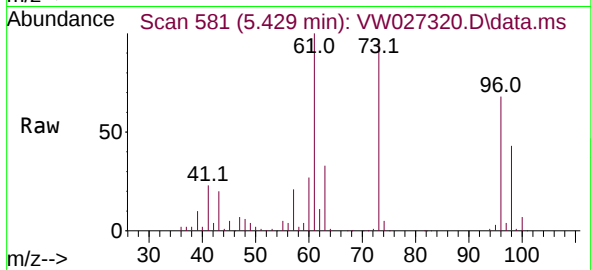
Tgt Ion: 96 Resp: 150892
Ion Ratio Lower Upper
96 100
61 147.9 105.6 196.0
98 64.1 45.0 83.6



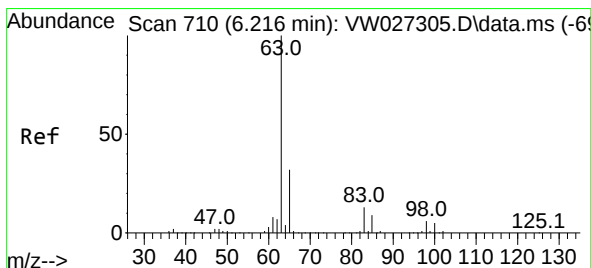
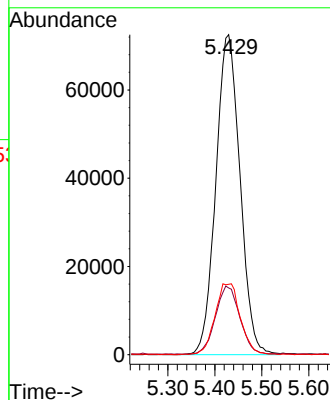
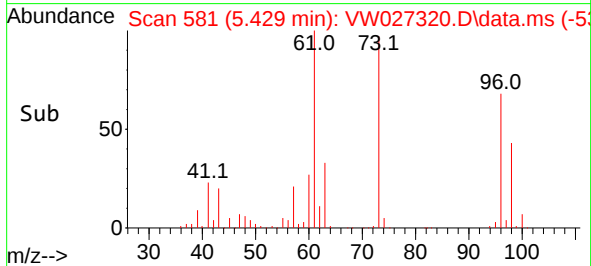


#18
Methyl tert-butyl Ether
Concen: 22.296 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

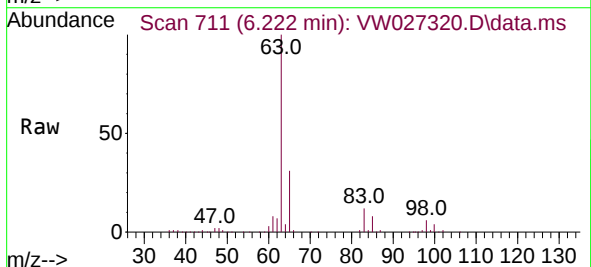
Instrument :
MSVOA_W
ClientSampleId :



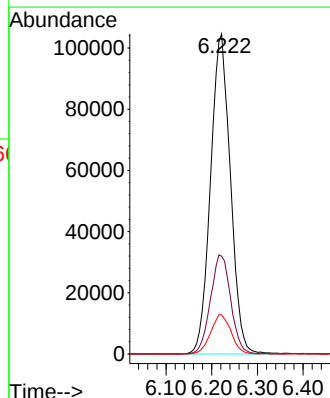
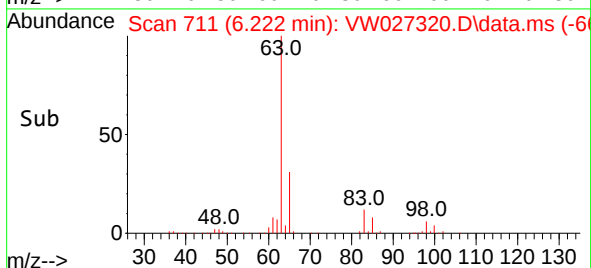
Tgt Ion: 73 Resp: 259460
Ion Ratio Lower Upper
73 100
43 21.4 17.7 26.5
57 10.9 18.5 27.7#

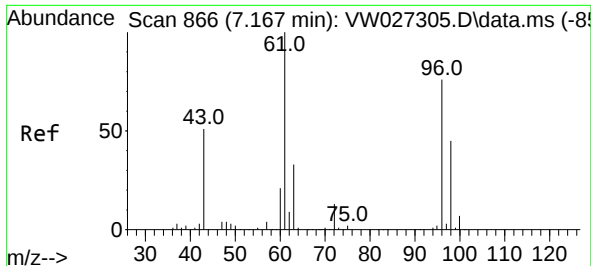


#19
1,1-Dichloroethane
Concen: 22.929 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14



Tgt Ion: 63 Resp: 315537
Ion Ratio Lower Upper
63 100
65 30.6 22.9 42.5
83 12.3 9.6 17.8

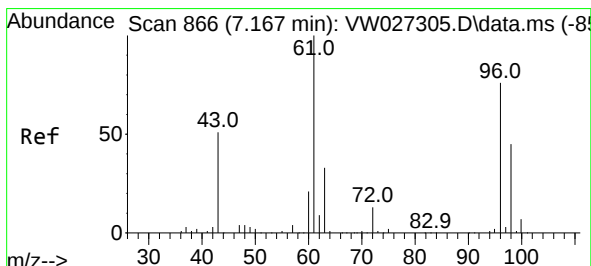
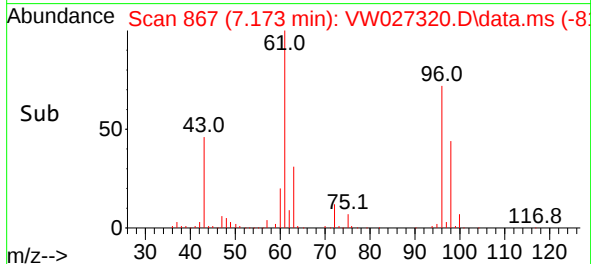
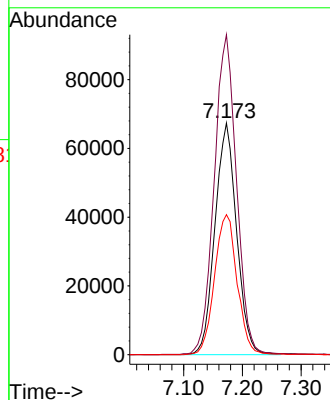
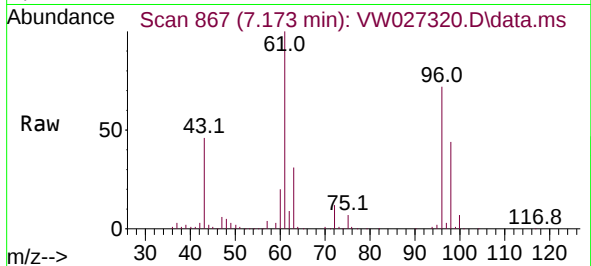




#20
cis-1,2-Dichloroethene
Concen: 22.683 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

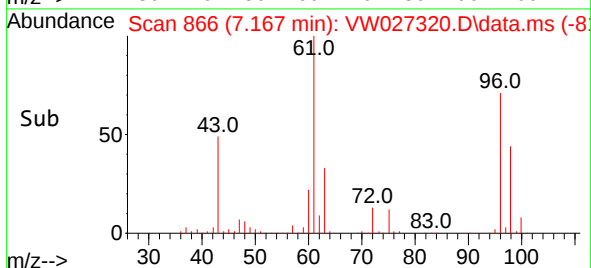
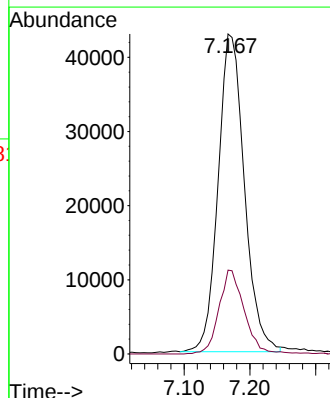
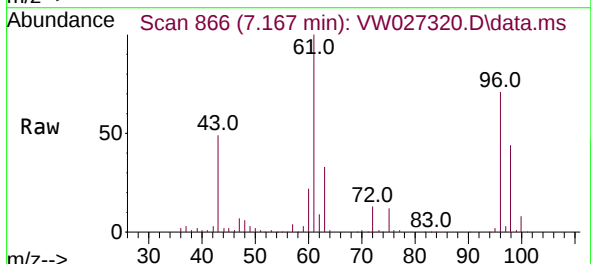
Instrument :
MSVOA_W
ClientSampleId :

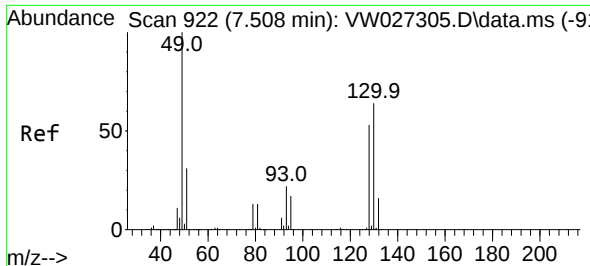
Tgt Ion: 96 Resp: 172783
Ion Ratio Lower Upper
96 100
61 138.1 96.2 178.8
98 60.4 46.0 85.4



#22
2-Butanone
Concen: 37.926 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

Tgt Ion: 43 Resp: 119038
Ion Ratio Lower Upper
43 100
72 25.4 12.3 36.8

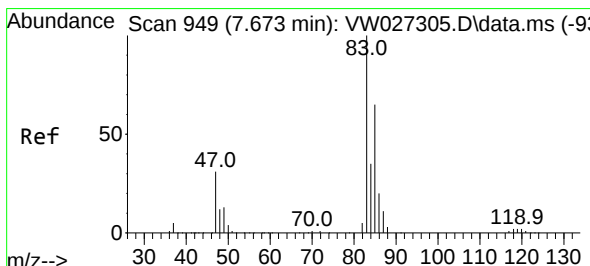
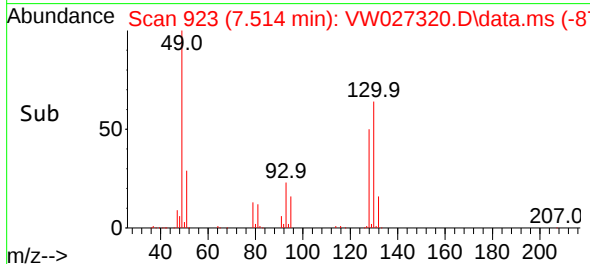
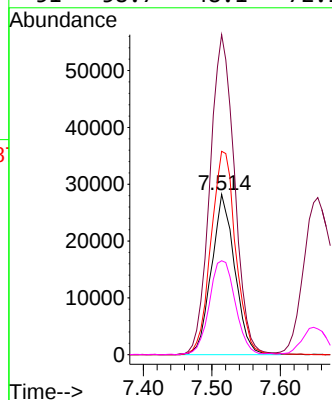
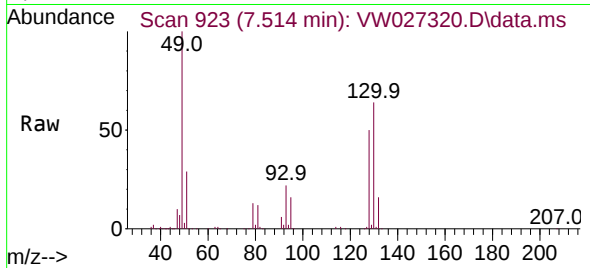




#23
Bromochloromethane
Concen: 21.191 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

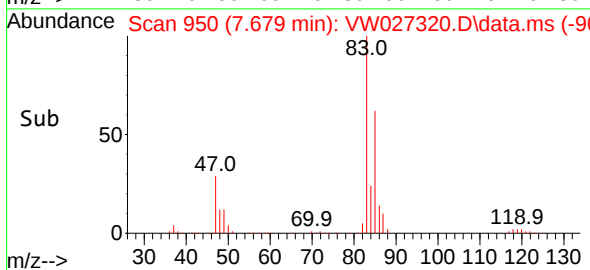
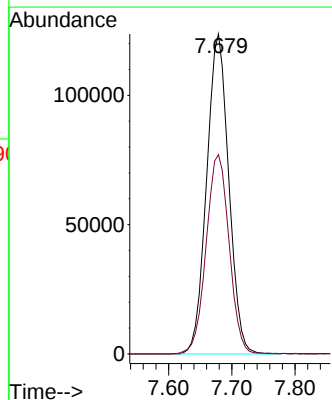
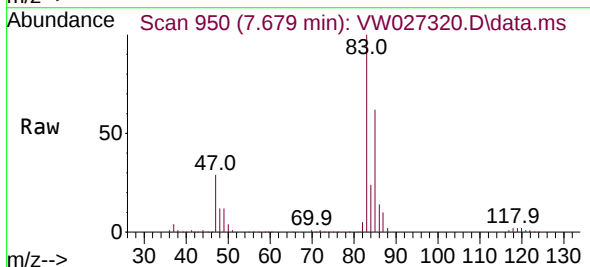
Instrument :
MSVOA_W
ClientSampleId :

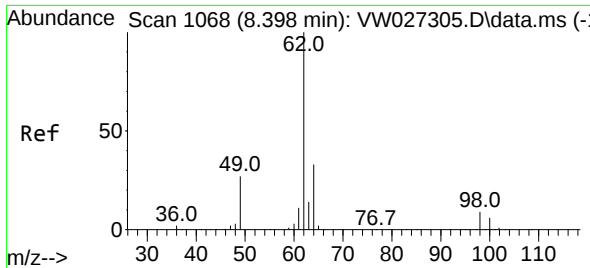
Tgt Ion:128 Resp: 66640
Ion Ratio Lower Upper
128 100
49 199.7 128.9 239.5
130 126.9 85.0 157.8
51 58.7 48.1 72.1



#25
Chloroform
Concen: 23.322 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

Tgt Ion: 83 Resp: 300389
Ion Ratio Lower Upper
83 100
85 62.3 44.1 81.9

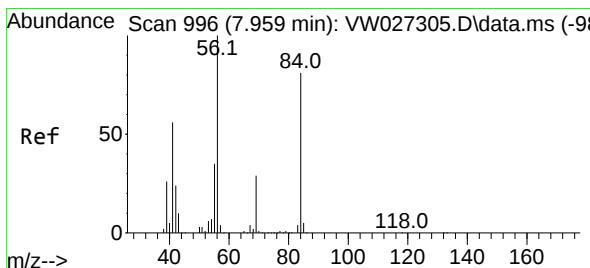
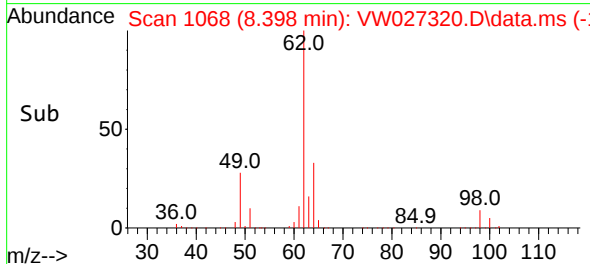
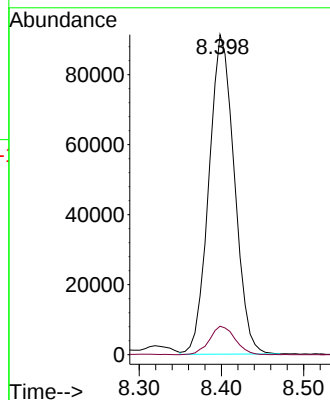
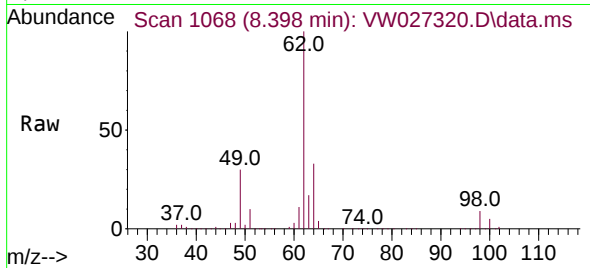




#27
1,2-Dichloroethane
Concen: 22.469 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

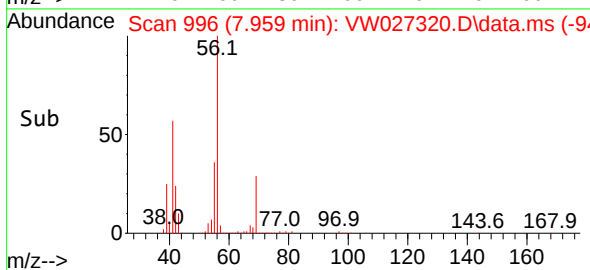
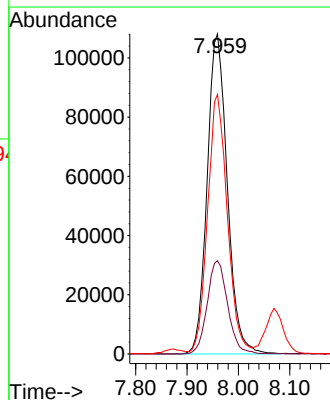
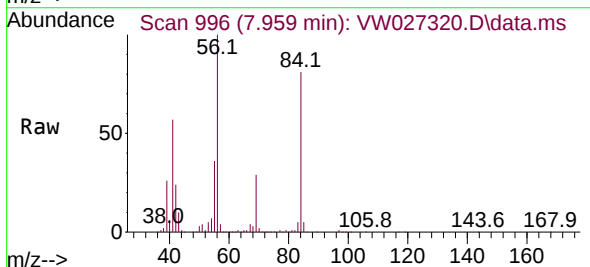
Instrument :
MSVOA_W
ClientSampleId :

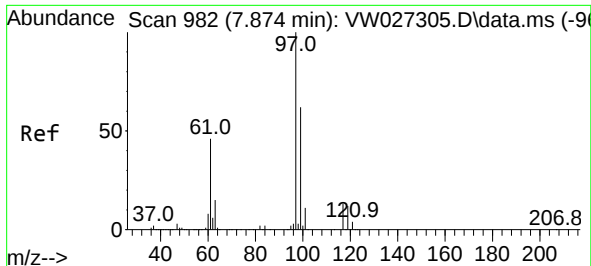
Tgt Ion: 62 Resp: 196586
Ion Ratio Lower Upper
62 100
98 8.9 7.5 11.3



#29
Cyclohexane
Concen: 22.821 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

Tgt Ion: 56 Resp: 294553
Ion Ratio Lower Upper
56 100
69 29.5 24.2 36.4
84 79.6 65.1 97.7





#30

1,1,1-Trichloroethane

Concen: 23.582 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW027320.D

Acq: 18 Oct 2023 10:14

Instrument :

MSVOA_W

ClientSampleId :

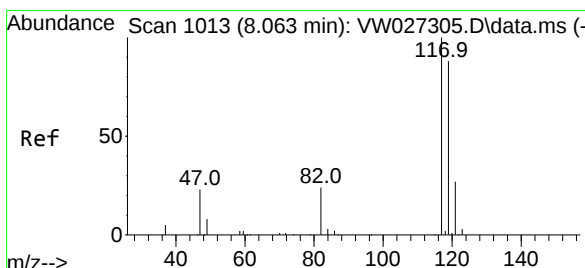
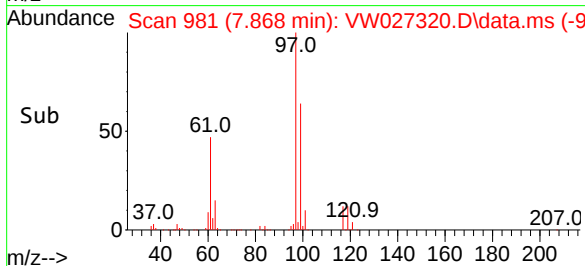
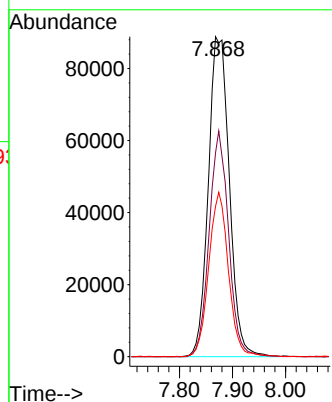
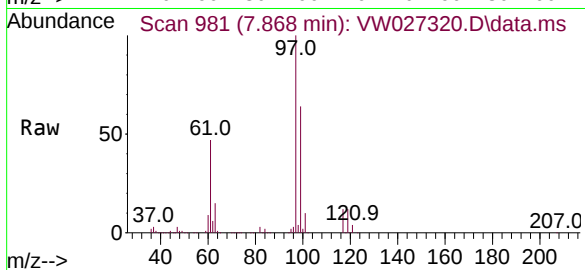
Tgt Ion: 97 Resp: 244528

Ion Ratio Lower Upper

97 100

99 65.1 51.4 77.0

61 48.3 37.4 56.0



#31

Carbon tetrachloride

Concen: 22.751 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027320.D

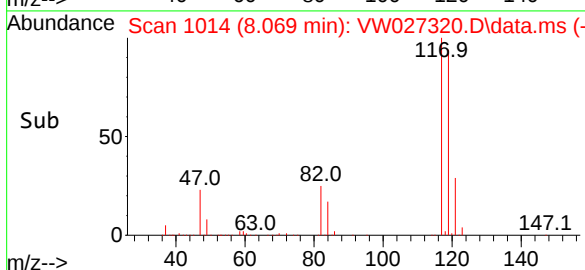
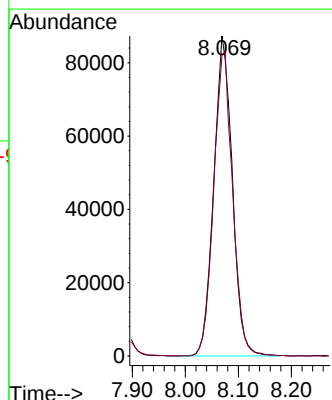
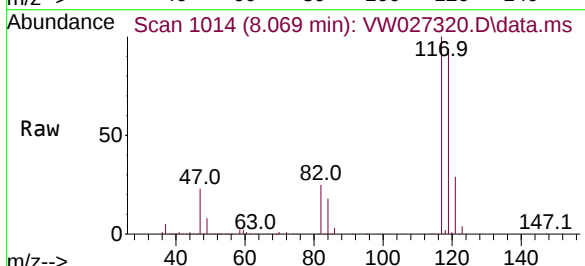
Acq: 18 Oct 2023 10:14

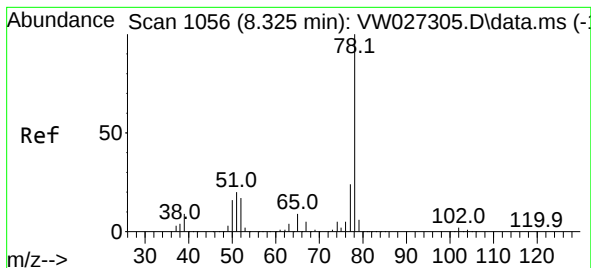
Tgt Ion: 117 Resp: 212722

Ion Ratio Lower Upper

117 100

119 96.7 77.1 115.7





#33

Benzene

Concen: 23.886 ug/L

RT: 8.325 min Scan# 110

Delta R.T. 0.000 min

Lab File: VW027320.D

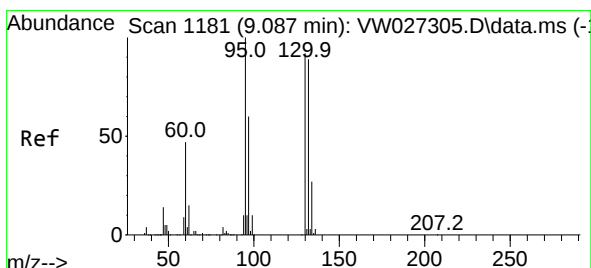
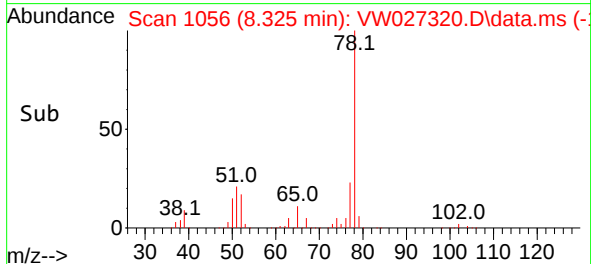
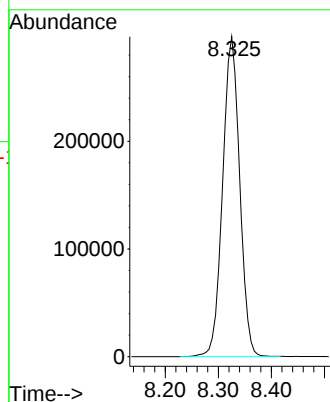
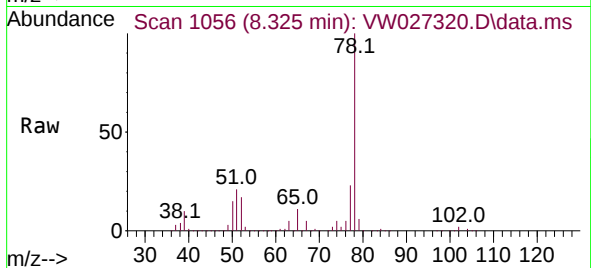
Acq: 18 Oct 2023 10:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 663590



#34

Trichloroethene

Concen: 23.295 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027320.D

Acq: 18 Oct 2023 10:14

Tgt Ion: 95 Resp: 170949

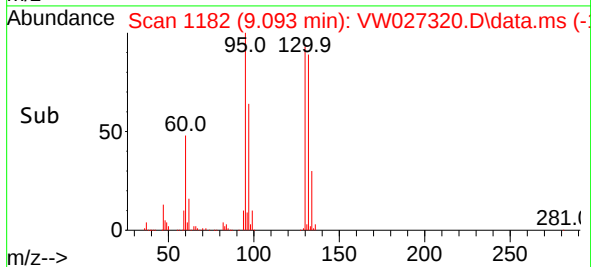
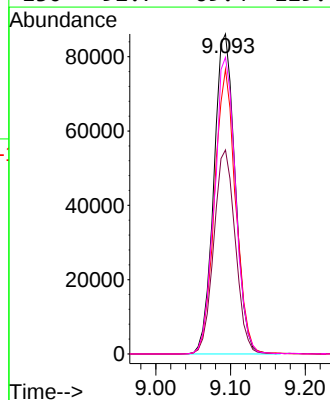
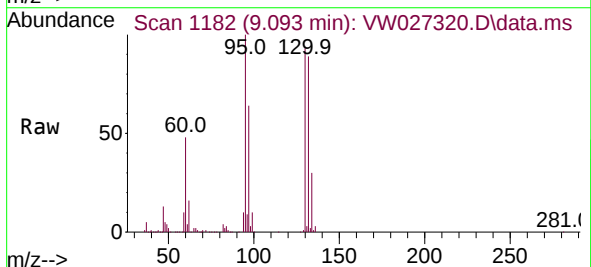
Ion Ratio Lower Upper

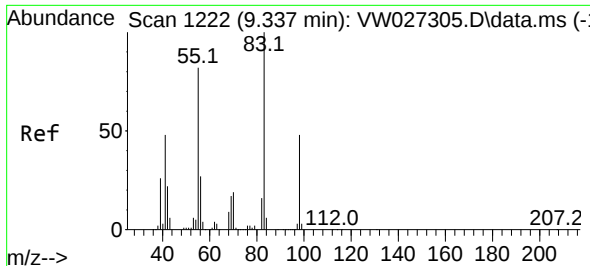
95 100

97 63.7 43.4 80.6

132 88.9 67.6 125.6

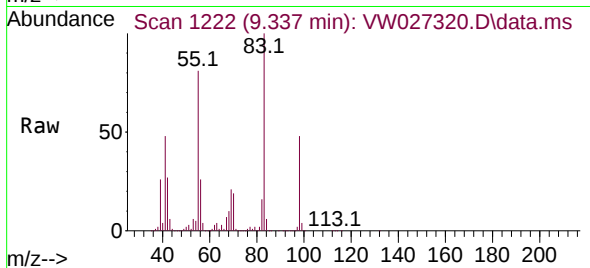
130 92.7 69.4 129.0



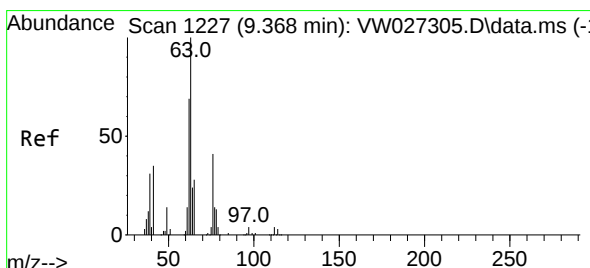
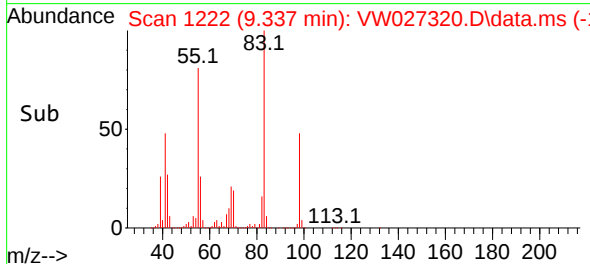
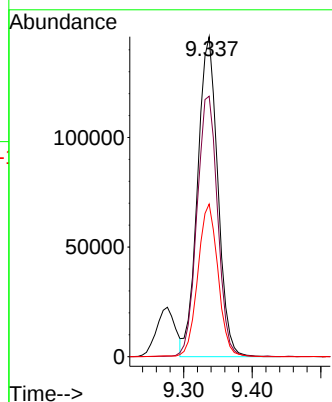


#35
Methylcyclohexane
Concen: 22.830 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

Instrument :
MSVOA_W
ClientSampleId :

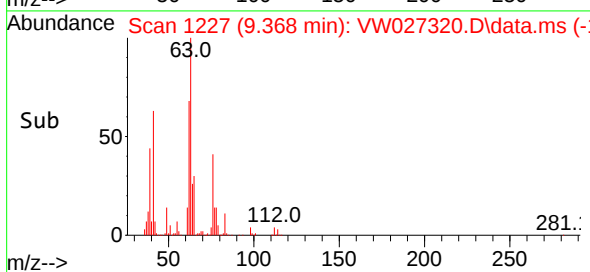
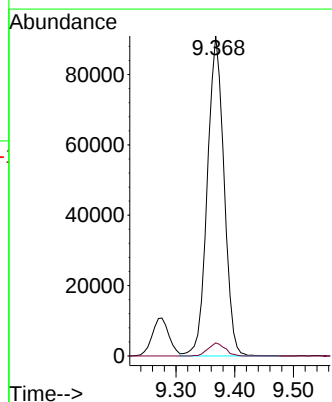
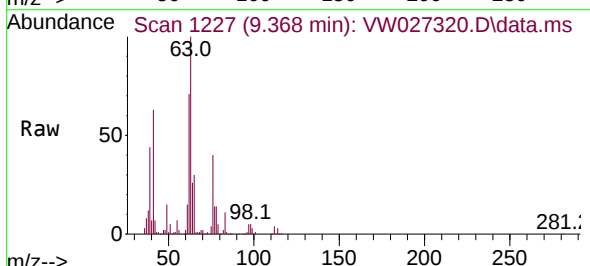


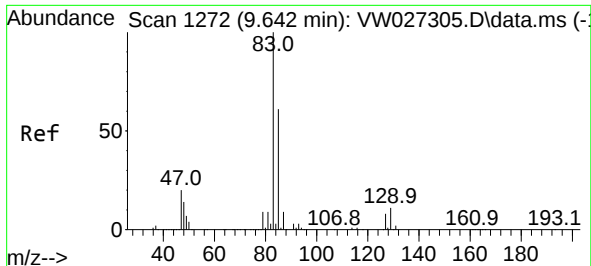
Tgt Ion: 83 Resp: 299599
Ion Ratio Lower Upper
83 100
55 83.0 65.8 98.8
98 47.5 38.1 57.1



#37
1,2-Dichloropropane
Concen: 23.928 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

Tgt Ion: 63 Resp: 179740
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3

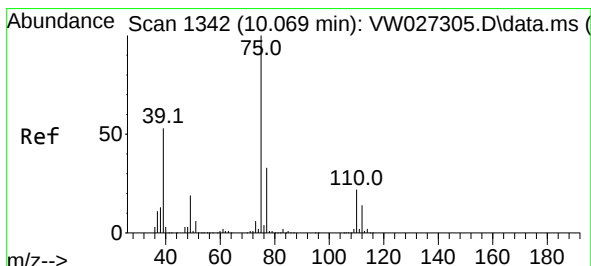
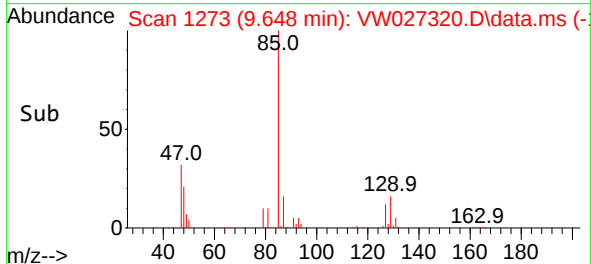
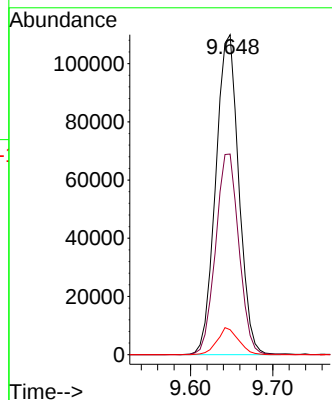
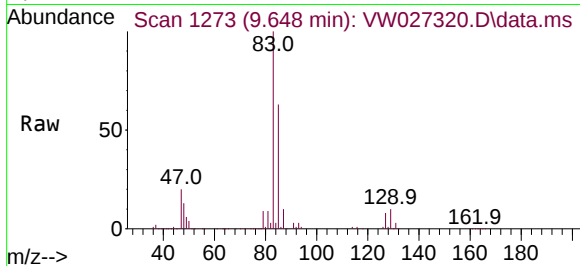




#38
Bromodichloromethane
Concen: 23.187 ug/L
RT: 9.648 min Scan# 1272
Delta R.T. 0.006 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

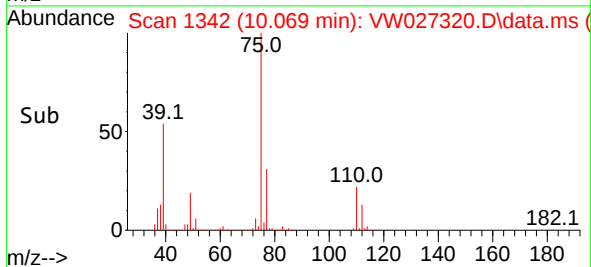
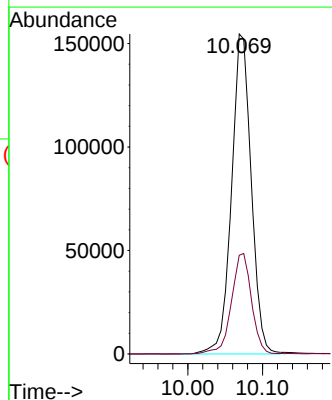
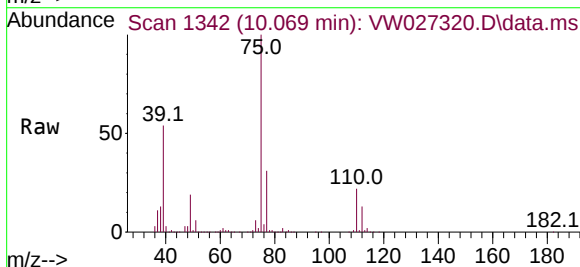
Instrument :
MSVOA_W
ClientSampleId :

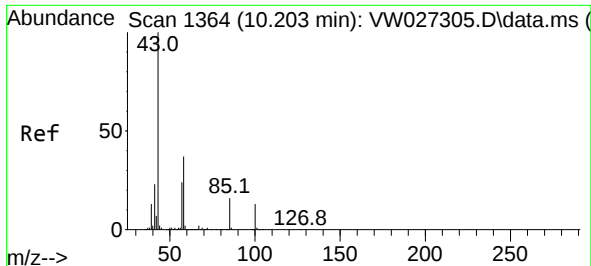
Tgt Ion: 83 Resp: 214175
Ion Ratio Lower Upper
83 100
85 62.7 43.9 81.5
127 7.8 6.2 9.2



#39
cis-1,3-Dichloropropene
Concen: 22.838 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

Tgt Ion: 75 Resp: 283387
Ion Ratio Lower Upper
75 100
77 30.9 21.9 40.7





#40

4-Methyl-2-pentanone

Concen: 43.428 ug/L

RT: 10.209 min Scan# 1364

Delta R.T. 0.000 min

Lab File: VW027320.D

Acq: 18 Oct 2023 10:14

Instrument :

MSVOA_W

ClientSampleId :

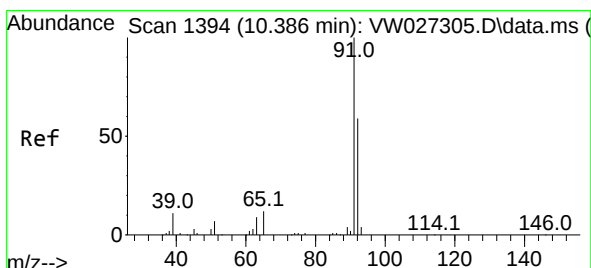
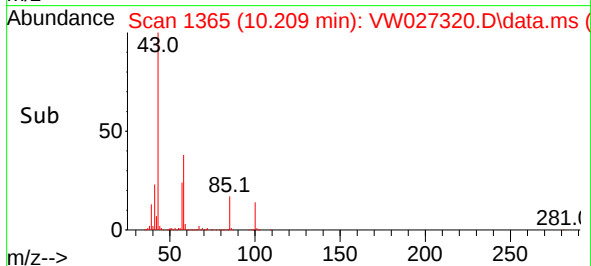
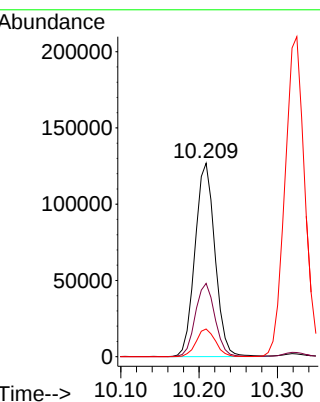
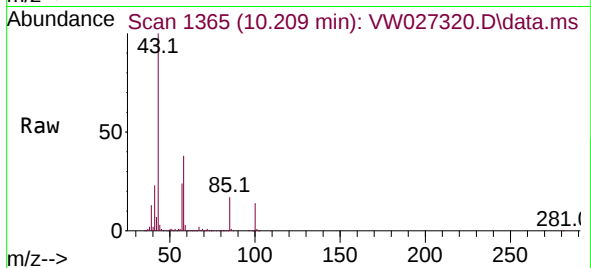
Tgt Ion: 43 Resp: 224345

Ion Ratio Lower Upper

43 100

58 37.4 30.5 45.7

100 14.0 11.5 17.3



#42

Toluene

Concen: 23.458 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW027320.D

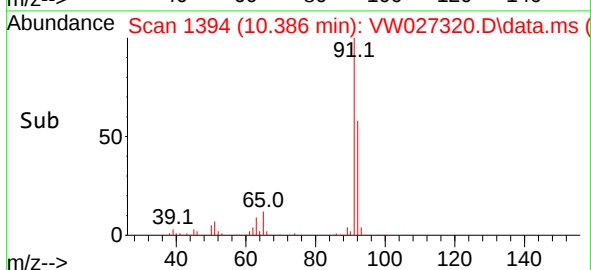
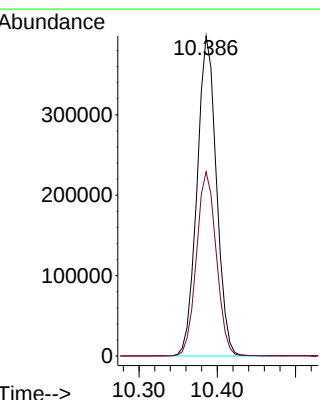
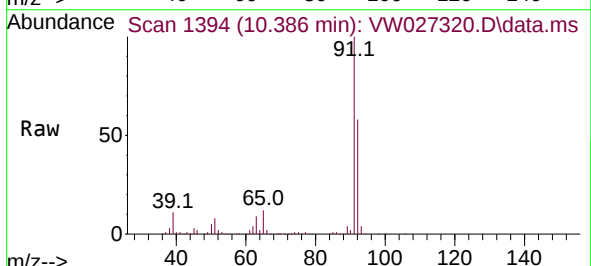
Acq: 18 Oct 2023 10:14

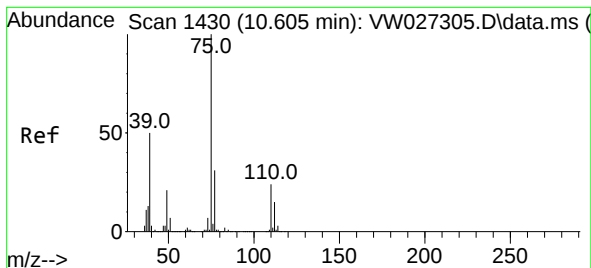
Tgt Ion: 91 Resp: 683660

Ion Ratio Lower Upper

91 100

92 57.5 42.1 78.1





#44

trans-1,3-Dichloropropene

Concen: 22.265 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027320.D

Acq: 18 Oct 2023 10:14

Instrument :

MSVOA_W

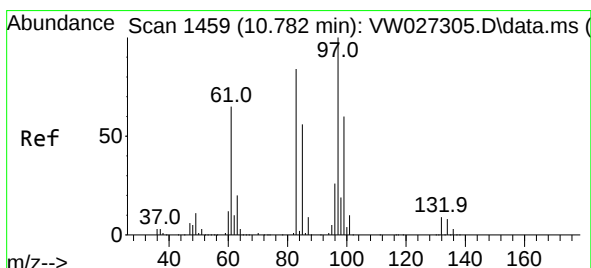
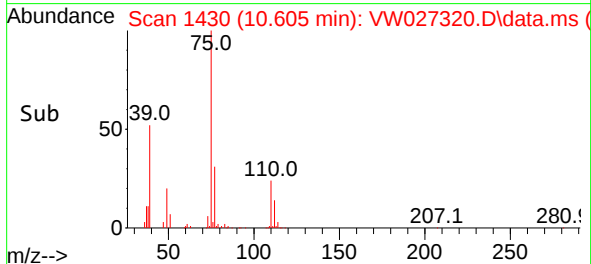
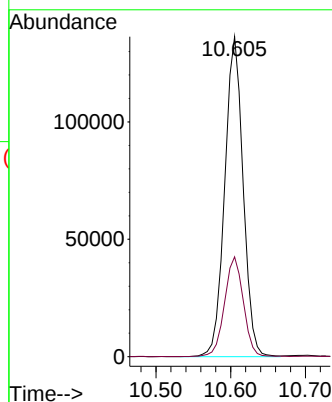
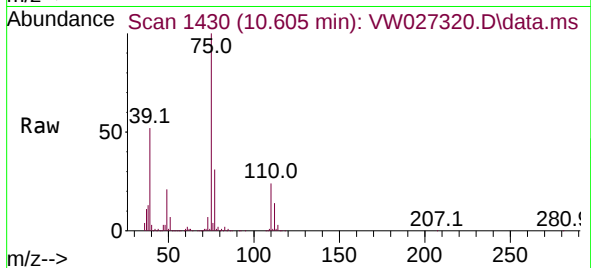
ClientSampleId :

Tgt Ion: 75 Resp: 233118

Ion Ratio Lower Upper

75 100

77 31.2 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 23.340 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW027320.D

Acq: 18 Oct 2023 10:14

Tgt Ion: 97 Resp: 120648

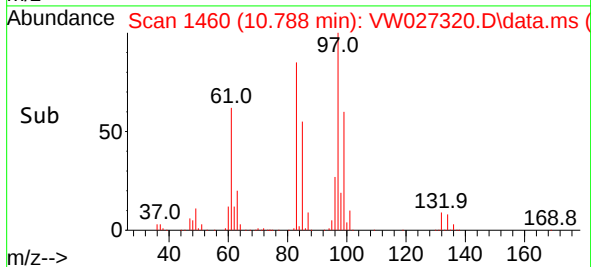
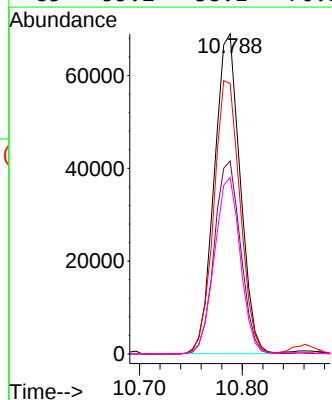
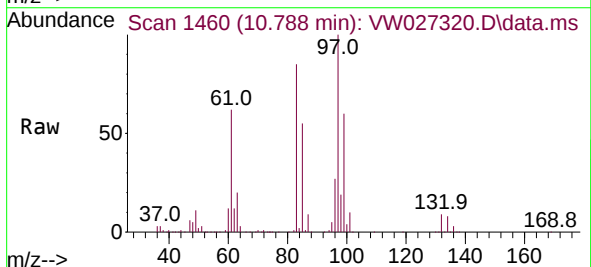
Ion Ratio Lower Upper

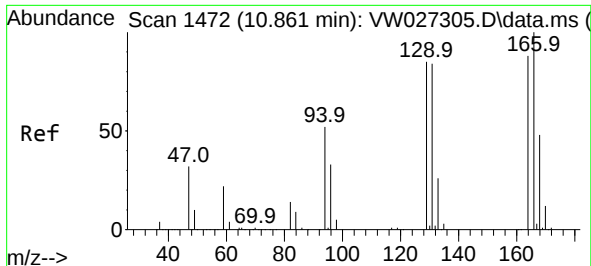
97 100

99 60.3 43.8 81.4

83 84.5 57.5 106.7

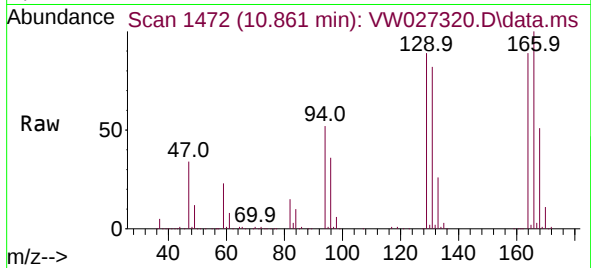
85 55.2 38.1 70.9



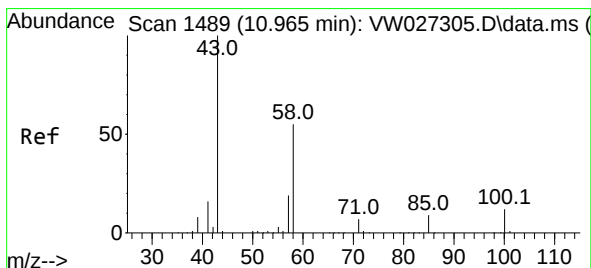
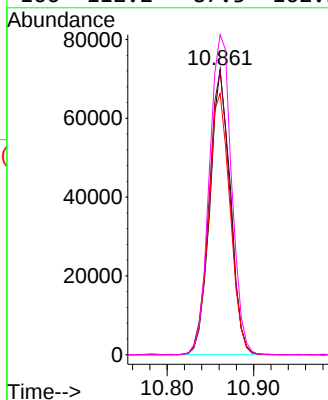
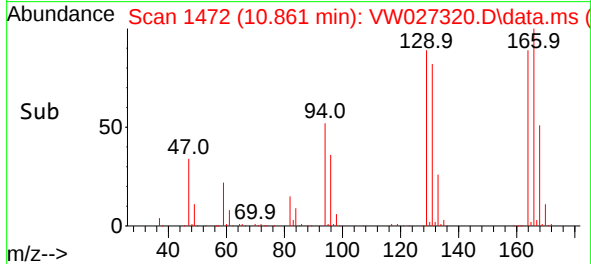


#46
Tetrachloroethene
Concen: 23.450 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

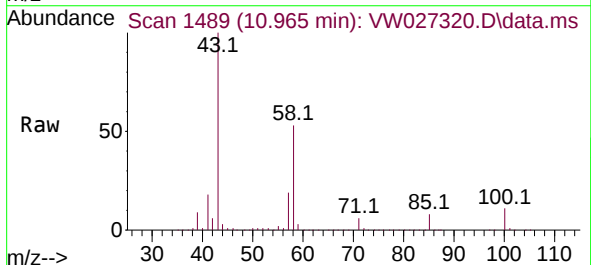
Instrument :
MSVOA_W
ClientSampleId :



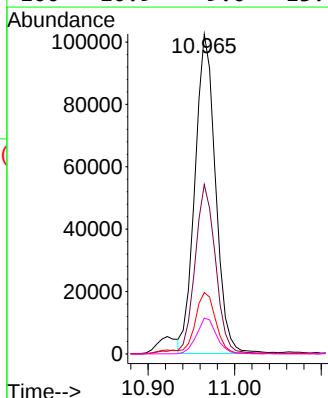
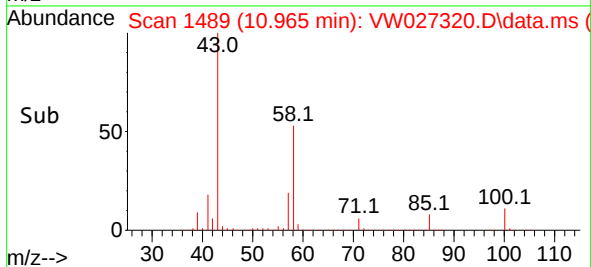
Tgt Ion:164 Resp: 118826
Ion Ratio Lower Upper
164 100
129 99.8 74.7 138.7
131 91.6 73.2 136.0
166 112.2 87.3 162.1

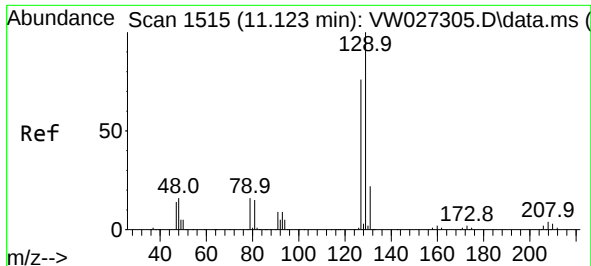


#48
2-Hexanone
Concen: 44.312 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14



Tgt Ion: 43 Resp: 169429
Ion Ratio Lower Upper
43 100
58 52.6 42.2 63.4
57 18.9 15.1 22.7
100 10.9 9.0 13.4





#49

Dibromochloromethane

Concen: 21.964 ug/L

RT: 11.123 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027320.D

Acq: 18 Oct 2023 10:14

Instrument :

MSVOA_W

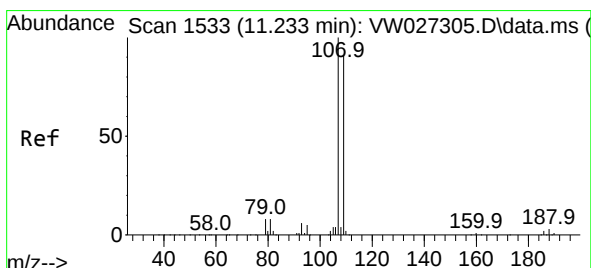
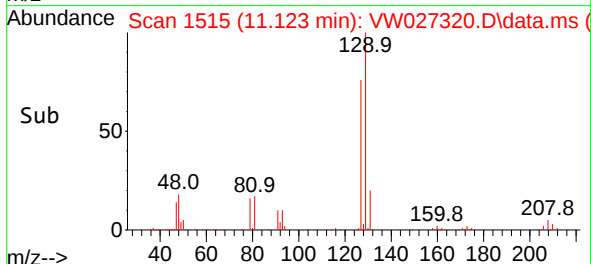
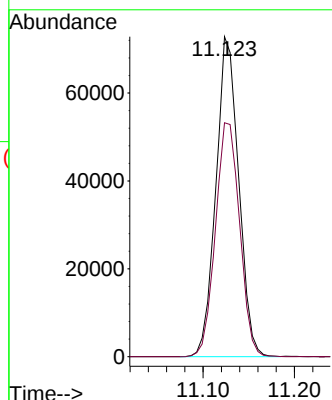
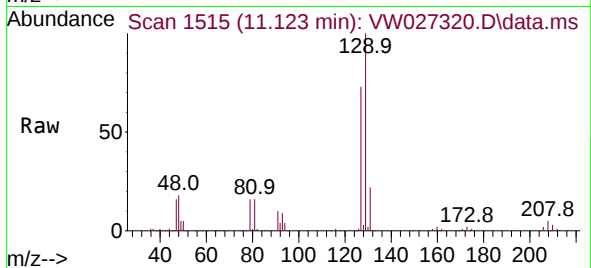
ClientSampleId :

Tgt Ion:129 Resp: 126085

Ion Ratio Lower Upper

129 100

127 73.1 51.7 95.9



#50

1,2-Dibromoethane

Concen: 22.409 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW027320.D

Acq: 18 Oct 2023 10:14

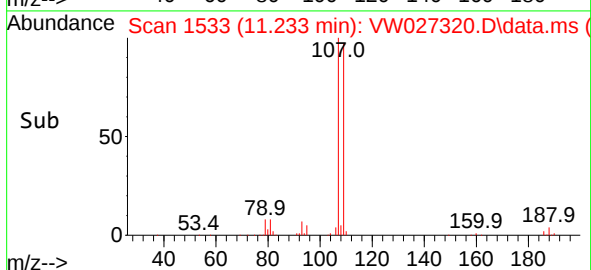
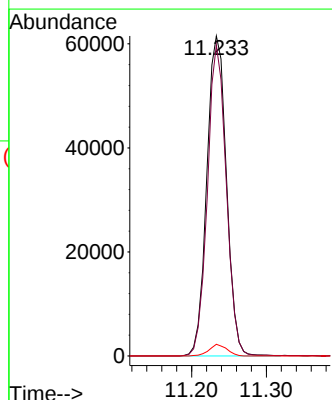
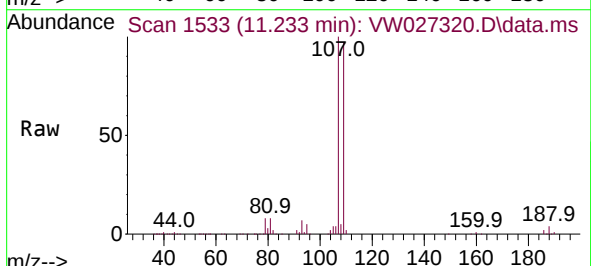
Tgt Ion:107 Resp: 112309

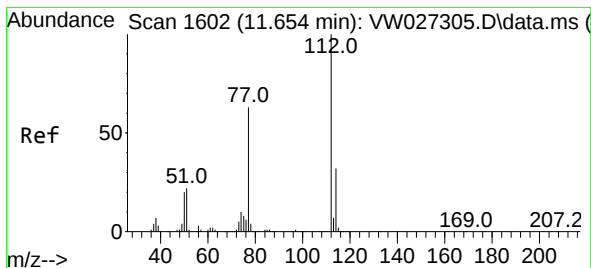
Ion Ratio Lower Upper

107 100

109 97.2 66.3 123.1

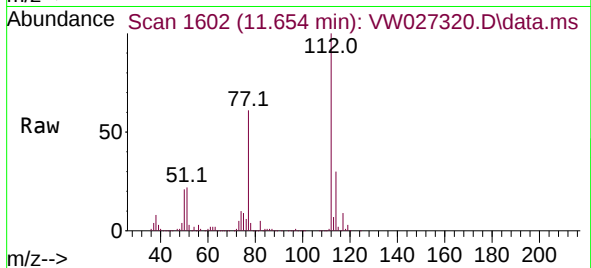
188 3.8 3.0 4.4



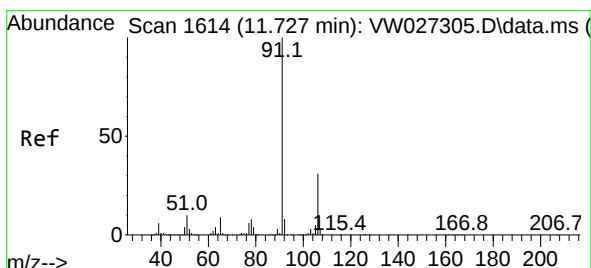
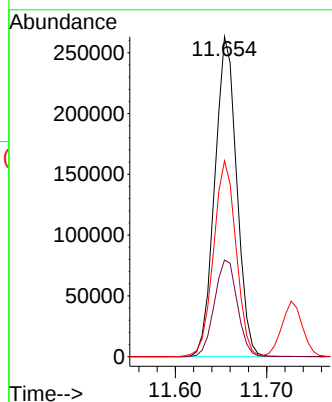
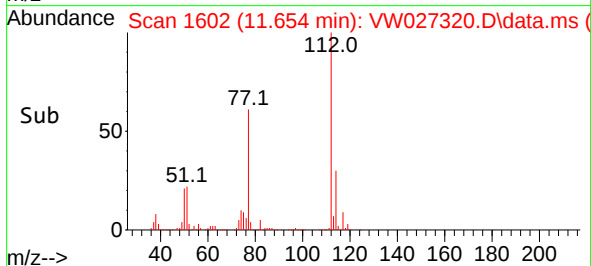


#51
Chlorobenzene
Concen: 24.059 ug/L
RT: 11.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

Instrument :
MSVOA_W
ClientSampleId :

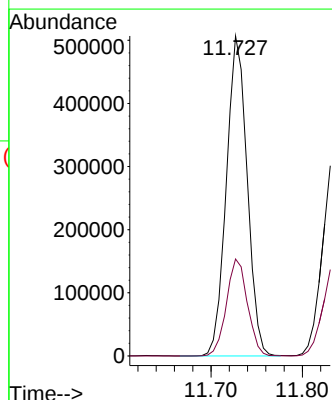
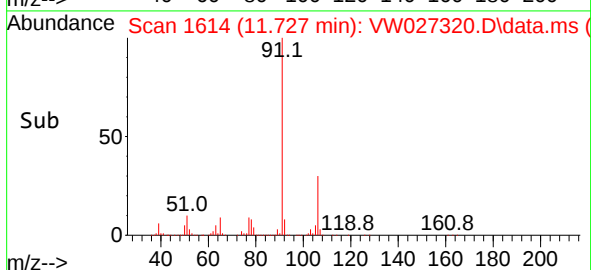
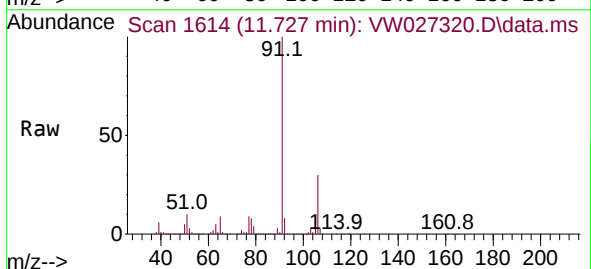


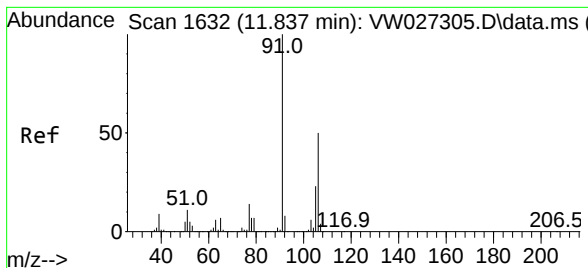
Tgt Ion:112 Resp: 439084
Ion Ratio Lower Upper
112 100
114 30.2 21.8 40.6
77 61.2 52.2 78.4



#52
Ethylbenzene
Concen: 23.682 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

Tgt Ion: 91 Resp: 802018
Ion Ratio Lower Upper
91 100
106 30.3 19.8 36.8

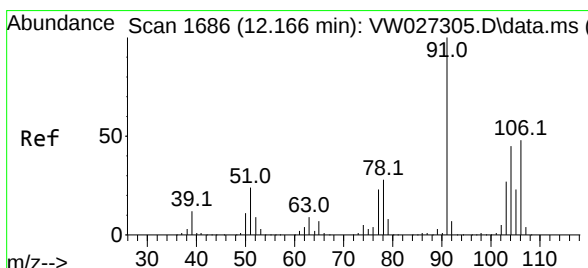
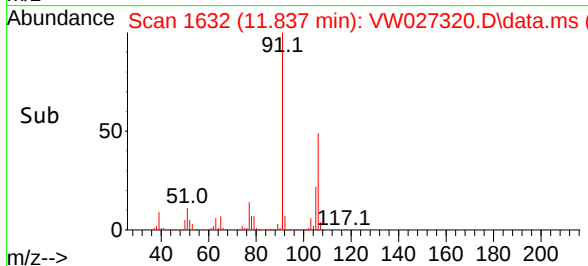
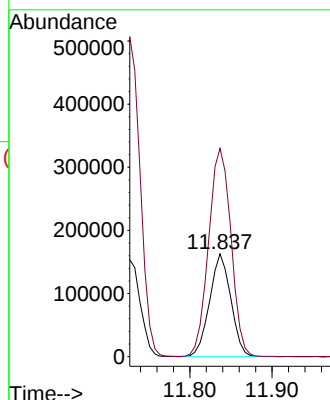
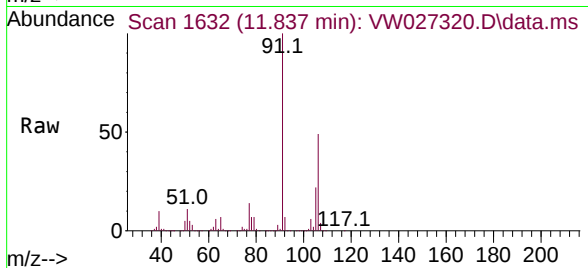




#53
m,p-Xylene
Concen: 22.745 ug/L
RT: 11.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

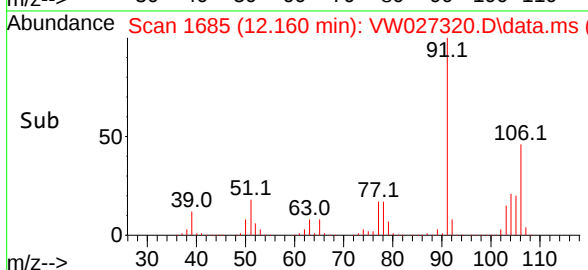
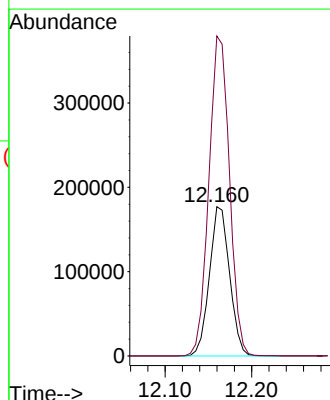
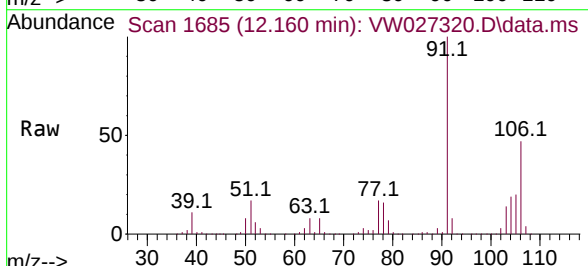
Instrument :
MSVOA_W
ClientSampleId :

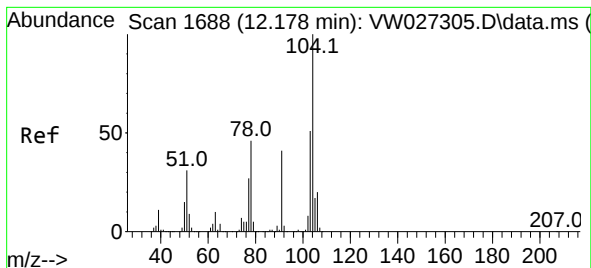
Tgt Ion:106 Resp: 292166
Ion Ratio Lower Upper
106 100
91 202.4 144.5 268.4



#54
o-Xylene
Concen: 23.280 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

Tgt Ion:106 Resp: 286355
Ion Ratio Lower Upper
106 100
91 214.3 152.0 282.2





#55

Styrene

Concen: 23.364 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027320.D

Acq: 18 Oct 2023 10:14

Instrument :

MSVOA_W

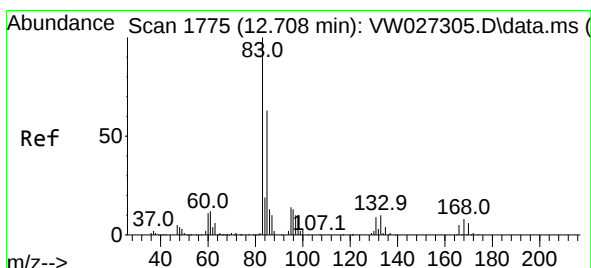
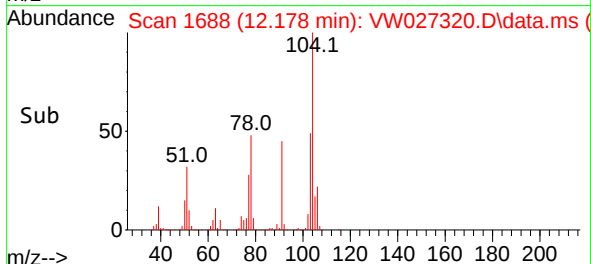
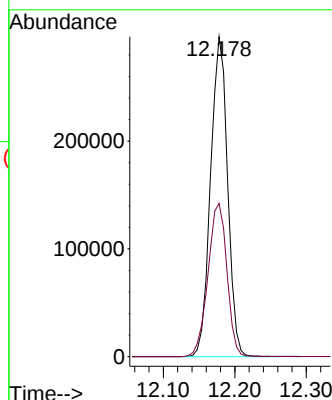
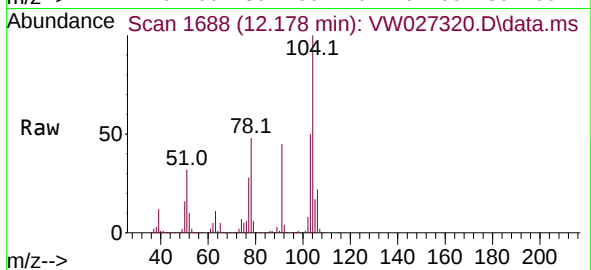
ClientSampleId :

Tgt Ion:104 Resp: 490820

Ion Ratio Lower Upper

104 100

78 47.9 33.2 61.6



#57

1,1,2,2-Tetrachloroethane

Concen: 22.761 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW027320.D

Acq: 18 Oct 2023 10:14

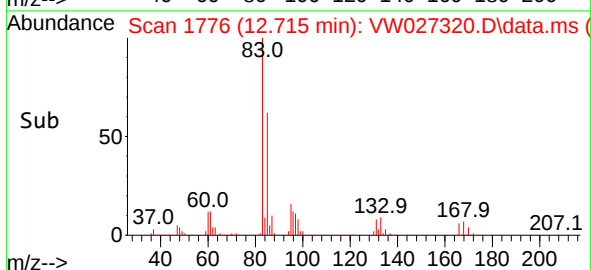
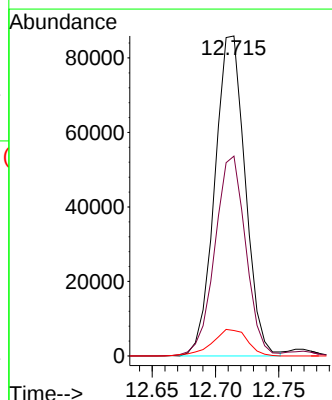
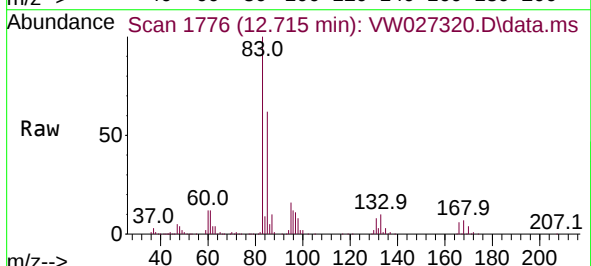
Tgt Ion: 83 Resp: 143627

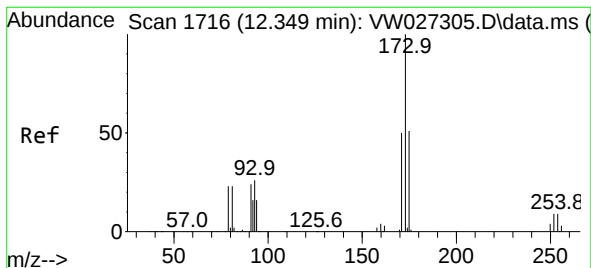
Ion Ratio Lower Upper

83 100

85 62.4 43.2 80.2

131 7.9 7.2 10.8





#59

Bromoform

Concen: 21.382 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

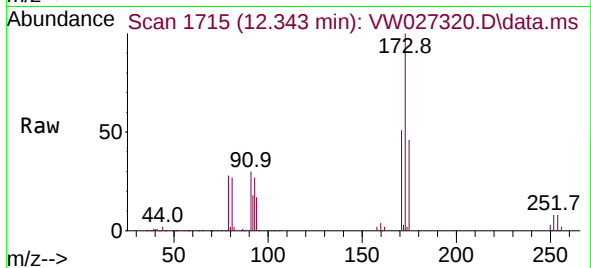
Lab File: VW027320.D

Acq: 18 Oct 2023 10:14

Instrument :

MSVOA_W

ClientSampleId :



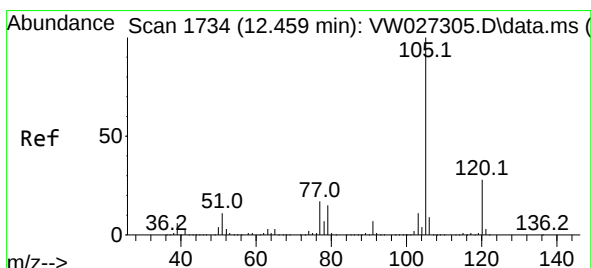
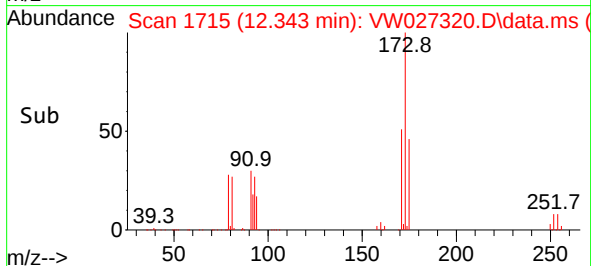
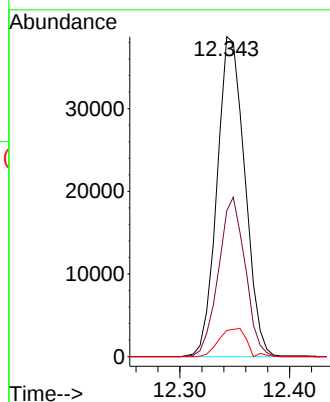
Tgt Ion:173 Resp: 68301

Ion Ratio Lower Upper

173 100

175 47.9 39.6 59.4

254 8.4 6.6 10.0



#60

Isopropylbenzene

Concen: 23.914 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW027320.D

Acq: 18 Oct 2023 10:14

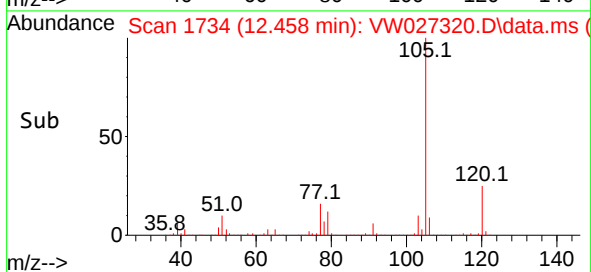
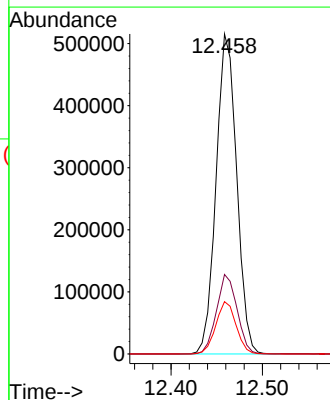
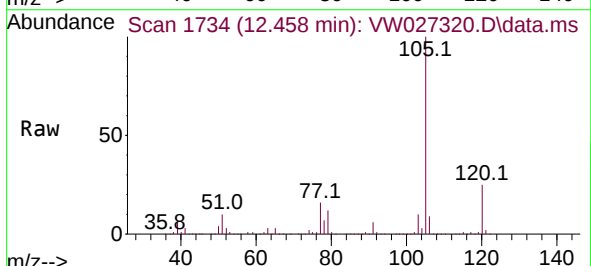
Tgt Ion:105 Resp: 806432

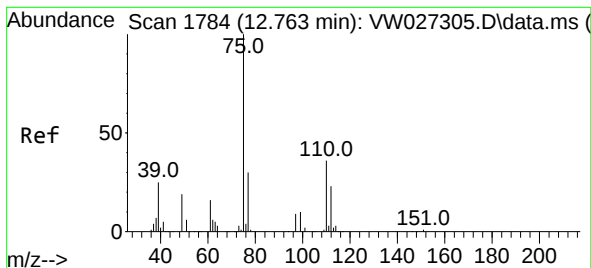
Ion Ratio Lower Upper

105 100

120 24.8 20.1 30.1

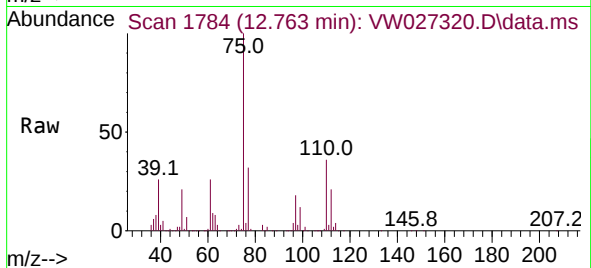
77 16.1 12.9 19.3



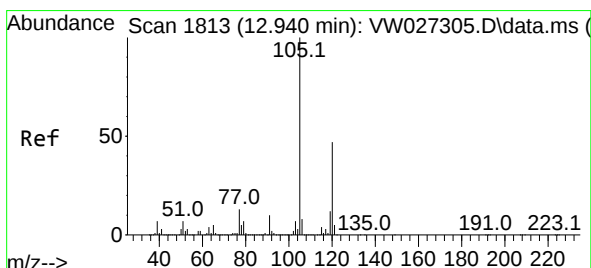
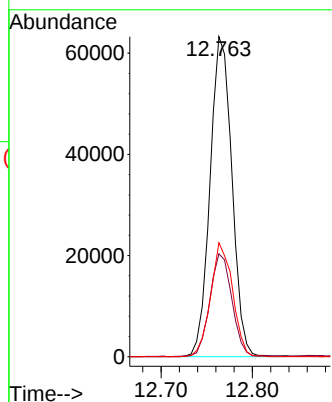
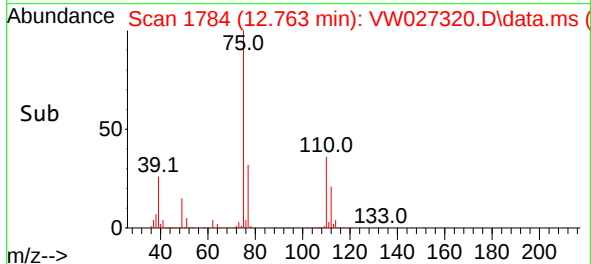


#61
1,2,3-Trichloropropane
Concen: 22.475 ug/L
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

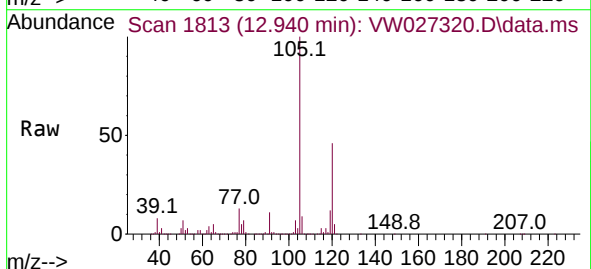
Instrument :
MSVOA_W
ClientSampleId :



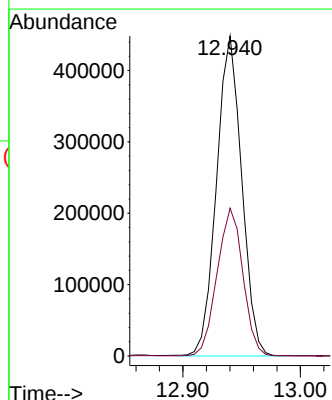
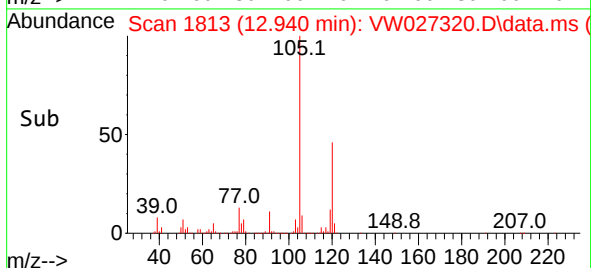
Tgt Ion: 75 Resp: 105343
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
110 35.6 29.7 44.5

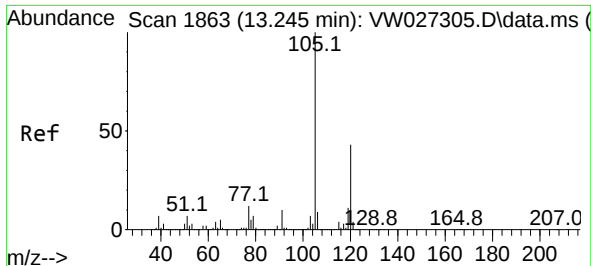


#62
1,3,5-Trimethylbenzene
Concen: 23.799 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14



Tgt Ion:105 Resp: 669456
Ion Ratio Lower Upper
105 100
120 47.2 38.8 58.2

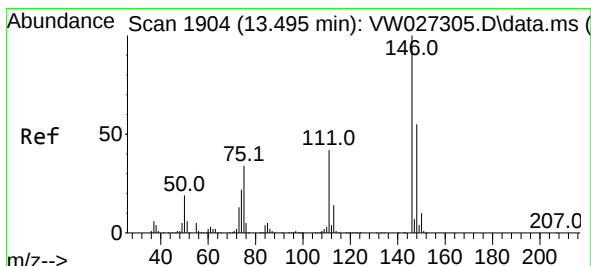
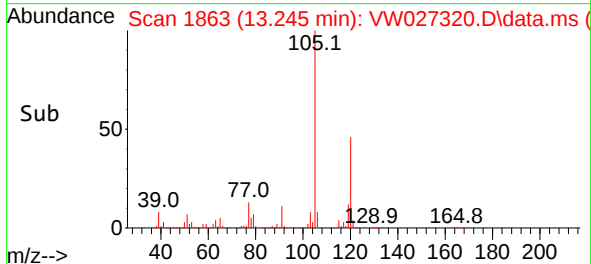
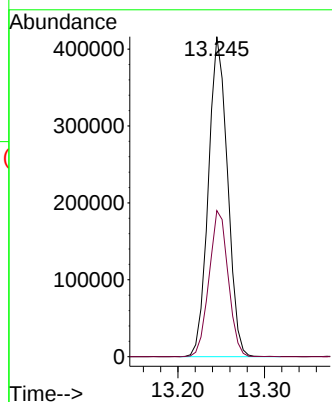
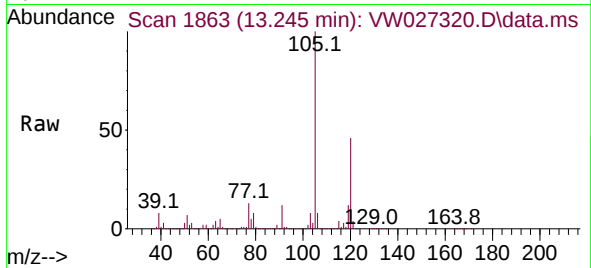




#63
1,2,4-Trimethylbenzene
Concen: 23.192 ug/L
RT: 13.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

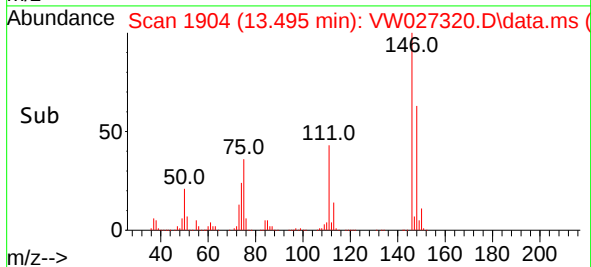
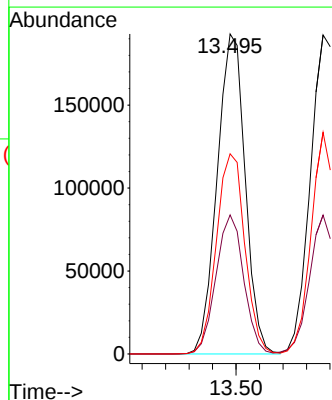
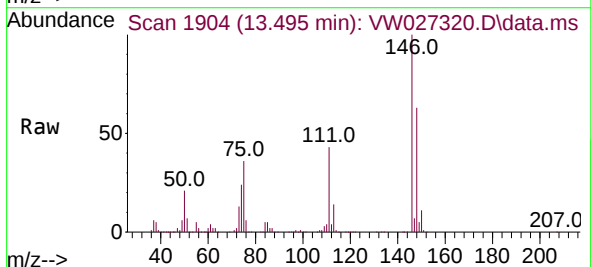
Instrument :
MSVOA_W
ClientSampleId :

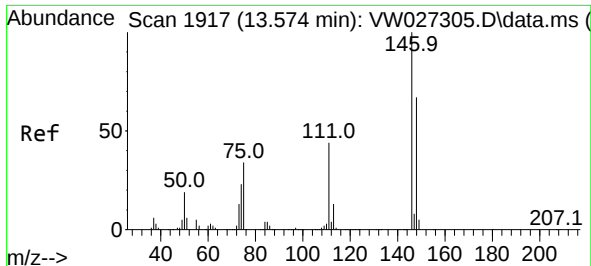
Tgt Ion:105 Resp: 638305
Ion Ratio Lower Upper
105 100
120 45.6 35.4 53.2



#64
1,3-Dichlorobenzene
Concen: 23.412 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

Tgt Ion:146 Resp: 320158
Ion Ratio Lower Upper
146 100
111 43.5 30.8 57.2
148 62.5 46.3 85.9

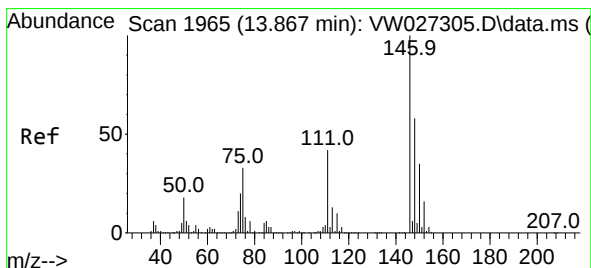
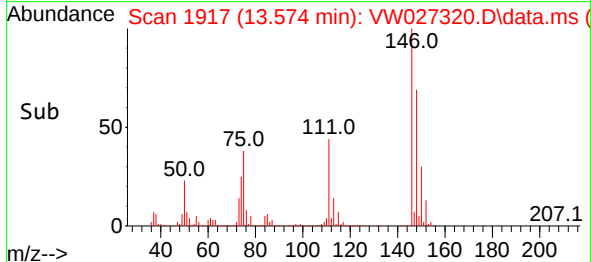
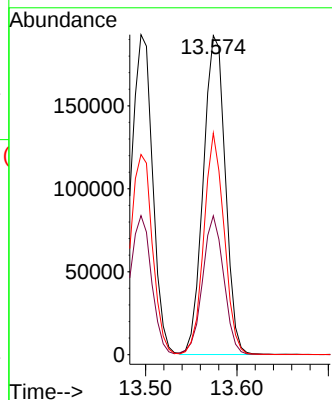
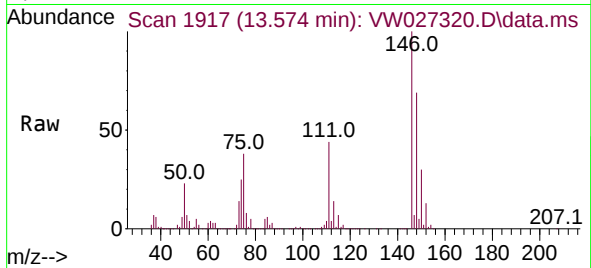




#65
1,4-Dichlorobenzene
Concen: 23.535 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

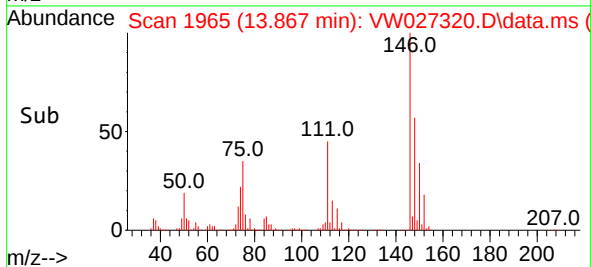
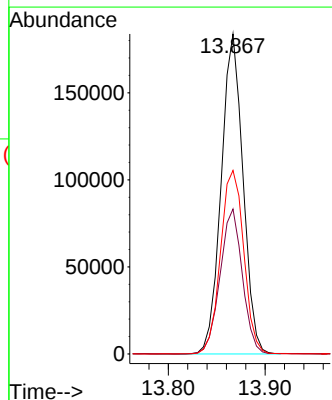
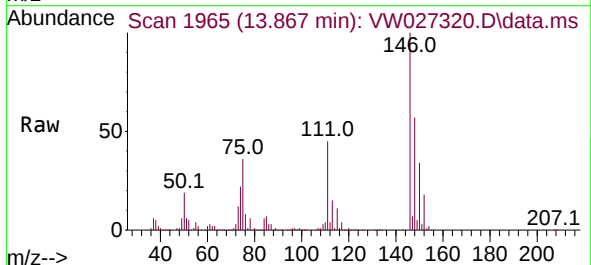
Instrument :
MSVOA_W
ClientSampleId :

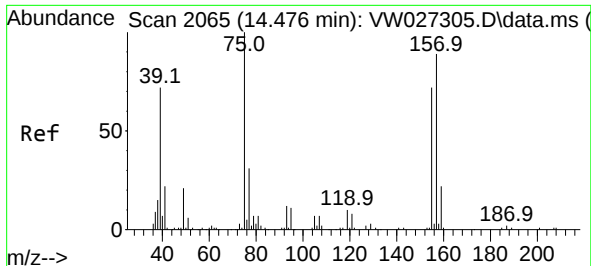
Tgt Ion:146 Resp: 321414
Ion Ratio Lower Upper
146 100
111 43.5 29.5 54.9
148 69.5 43.0 79.8



#67
1,2-Dichlorobenzene
Concen: 23.673 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

Tgt Ion:146 Resp: 287261
Ion Ratio Lower Upper
146 100
111 45.3 36.8 55.2
148 57.3 52.3 78.5

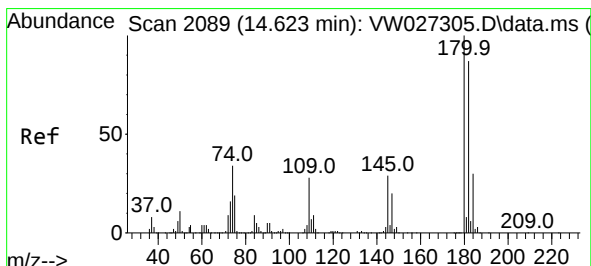
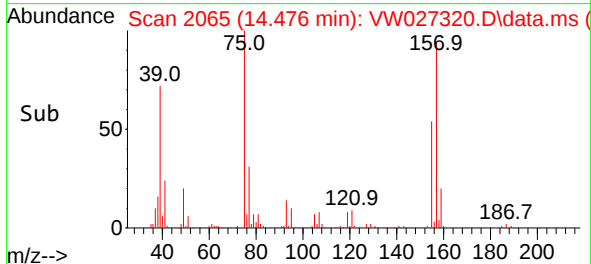
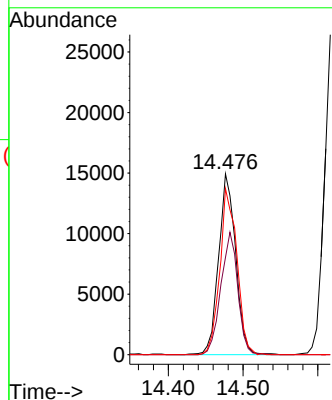
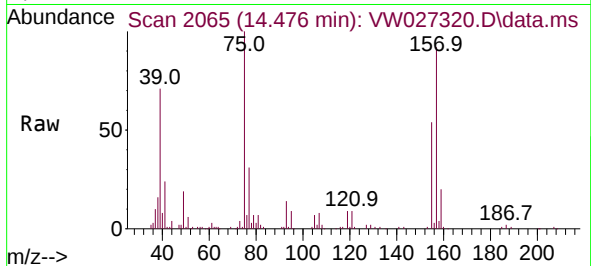




#68
1,2-Dibromo-3-chloropropane
Concen: 20.281 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

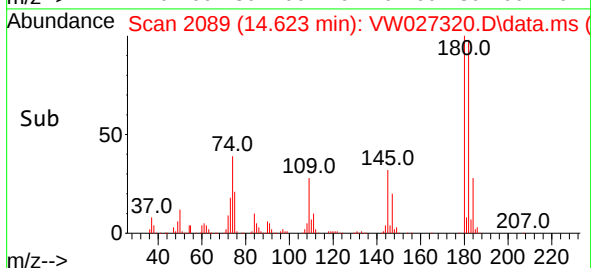
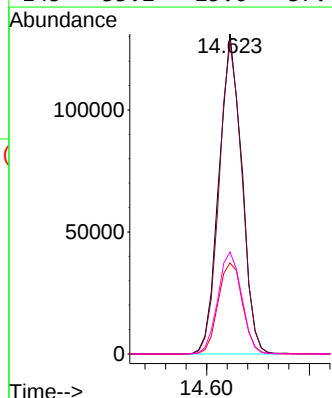
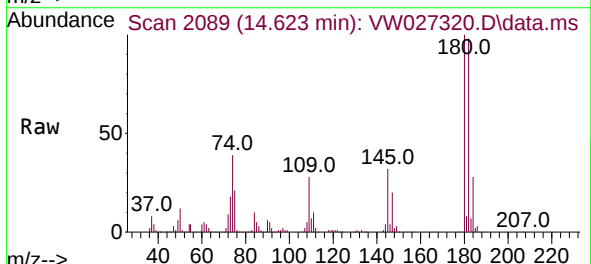
Instrument :
MSVOA_W
ClientSampleId :

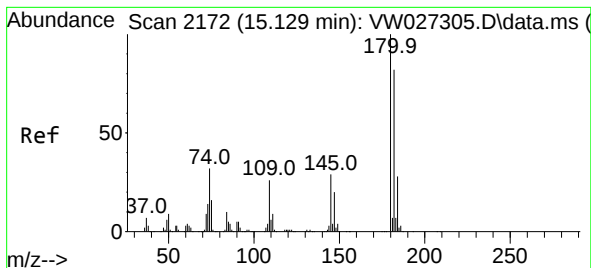
Tgt Ion: 75 Resp: 23758
Ion Ratio Lower Upper
75 100
155 53.8 54.9 82.3#
157 91.9 64.7 97.1



#69
1,3,5-Trichlorobenzene
Concen: 22.736 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW027320.D
Acq: 18 Oct 2023 10:14

Tgt Ion:180 Resp: 201835
Ion Ratio Lower Upper
180 100
182 97.5 73.4 110.0
184 30.4 23.3 34.9
145 33.2 25.0 37.4





#70

1,2,4-trichlorobenzene

Concen: 22.334 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027320.D

Acq: 18 Oct 2023 10:14

Instrument :

MSVOA_W

ClientSampleId :

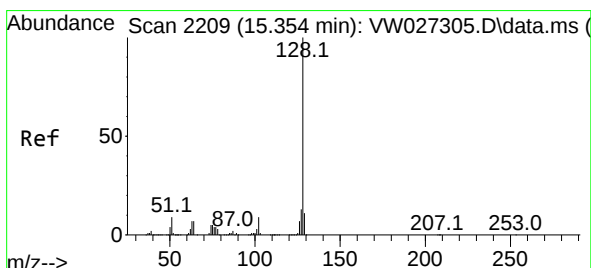
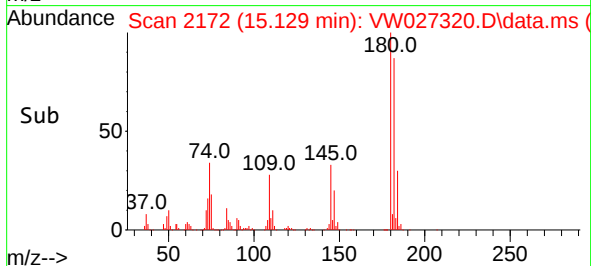
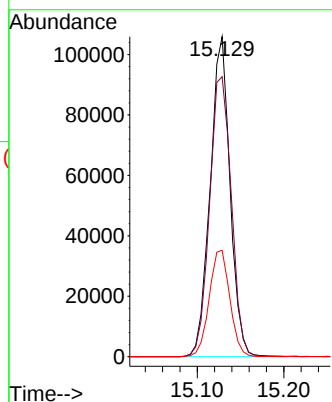
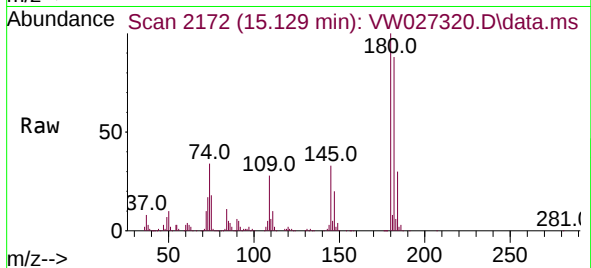
Tgt Ion:180 Resp: 168754

Ion Ratio Lower Upper

180 100

182 95.5 75.5 113.3

145 34.6 26.4 39.6



#71

Naphthalene

Concen: 21.993 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027320.D

Acq: 18 Oct 2023 10:14

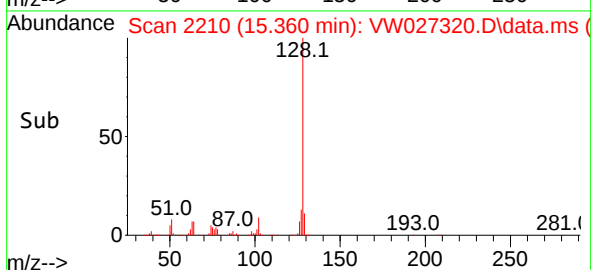
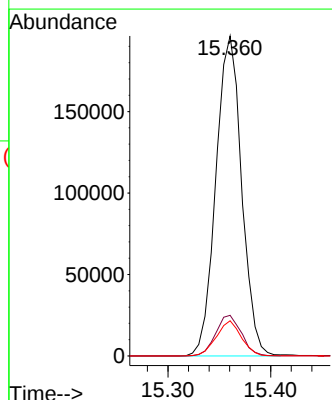
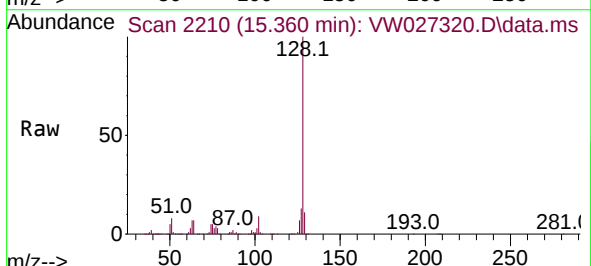
Tgt Ion:128 Resp: 341735

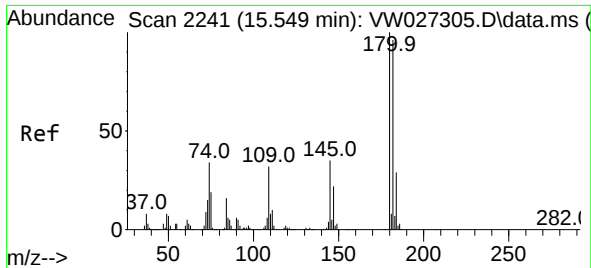
Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

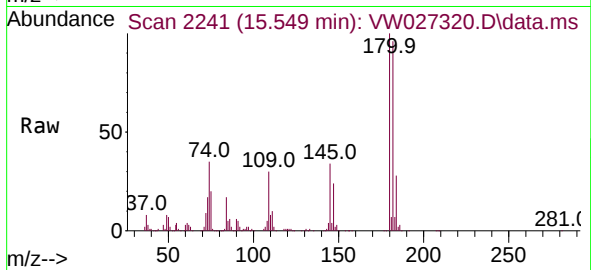
129 10.7 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 24.047 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027320.D
 Acq: 18 Oct 2023 10:14

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	149409
Ion Ratio	Lower	Upper	
180	100		
182	94.5	81.1	121.7
145	33.7	30.6	45.8

