

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101323\
 Data File : VW027303.D
 Acq On : 13 Oct 2023 13:39
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 16 01:56:30 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	8.837	114	473605	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	426072	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	213208	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	174976	24.208	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.840%
7) Chloroethane-d5	2.899	69	134486	25.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.640%
11) 1,1-Dichloroethene-d2	4.021	65	87668	24.206	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.840%
21) 2-Butanone-d5	7.075	46	109298	45.495	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.000%
24) Chloroform-d	7.648	84	357252	25.309	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.240%
26) 1,2-Dichloroethane-d4	8.301	65	192919	25.442	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.760%
32) Benzene-d6	8.270	84	741829	25.734	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.920%
36) 1,2-Dichloropropane-d6	9.270	67	226916	25.772	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.080%
41) Toluene-d8	10.319	98	647719	24.778	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.120%
43) trans-1,3-Dichloroprop...	10.575	79	97420	24.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.080%
47) 2-Hexanone-d5	10.922	63	86810	47.654	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	160356	24.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	190219	24.620	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	131531	23.341	ug/L	# 90
3) Chloromethane	2.229	50	160769	24.826	ug/L	98
5) Vinyl chloride	2.375	62	175298	24.233	ug/L	98
6) Bromomethane	2.789	94	101332	24.594	ug/L	94
8) Chloroethane	2.930	64	106491	25.575	ug/L	98
9) Trichlorofluoromethane	3.265	101	122049	23.915	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	151275	23.672	ug/L	94
12) 1,1-Dichloroethene	4.045	96	152042	24.482	ug/L	94
13) Acetone	4.118	43	96484	46.499	ug/L	99
14) Carbon disulfide	4.393	76	446496	23.191	ug/L	99
15) Methyl Acetate	4.667	43	83883	23.669	ug/L	99
16) Methylene chloride	4.917	84	181125	20.893	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	163417	24.484	ug/L	100
18) Methyl tert-butyl Ether	5.417	73	283557	24.624	ug/L	100
19) 1,1-Dichloroethane	6.216	63	347442	25.514	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	189327	25.118	ug/L	98
22) 2-Butanone	7.167	43	129119	41.573	ug/L	99
23) Bromochloromethane	7.514	128	76349	24.535	ug/L	92
25) Chloroform	7.679	83	330797	25.955	ug/L	99

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 Response via : Initial Calibration

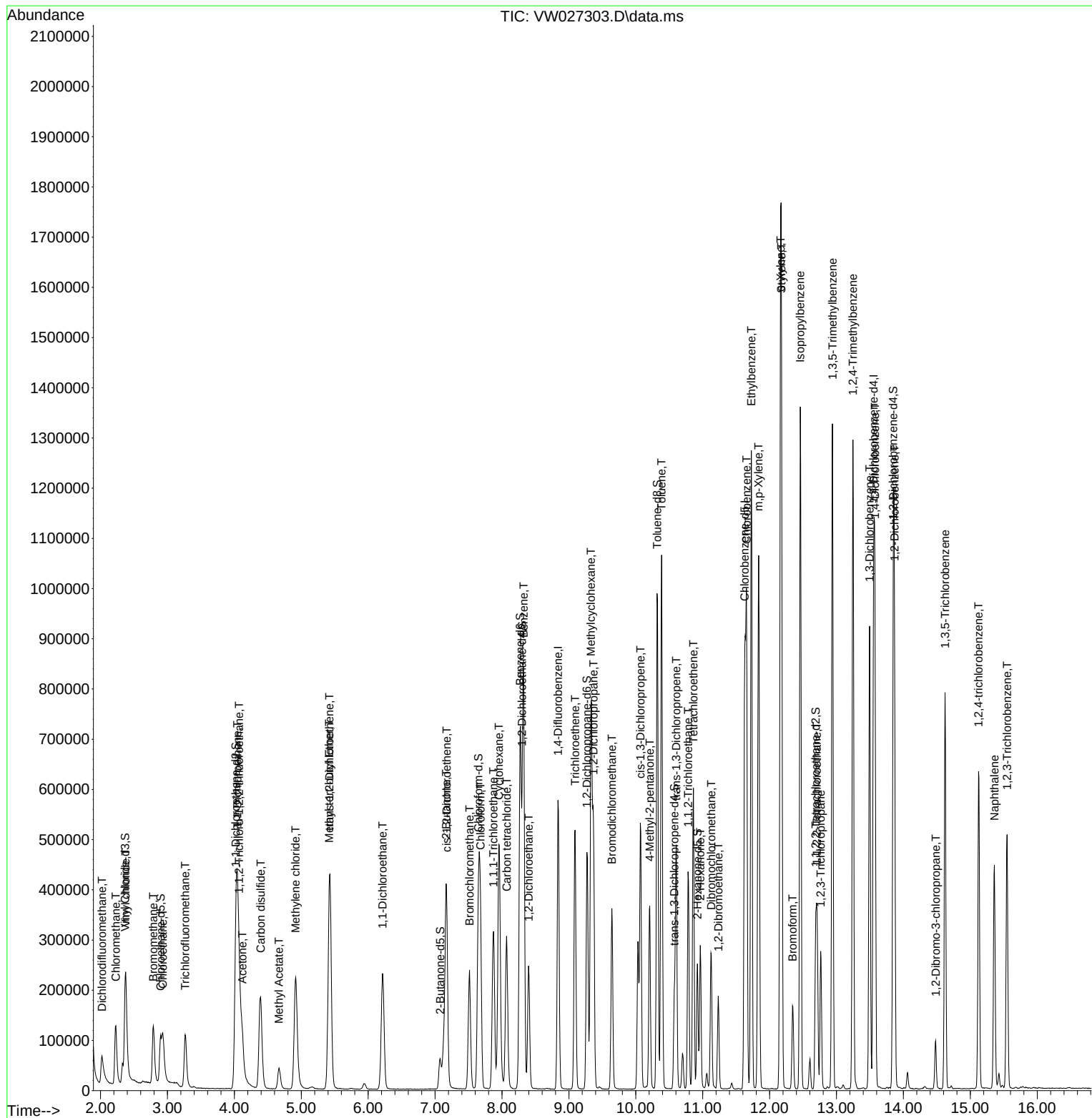
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	222770	25.731	ug/L	97
29) Cyclohexane	7.953	56	312141	24.128	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	266812	25.672	ug/L	100
31) Carbon tetrachloride	8.069	117	228797	24.414	ug/L	100
33) Benzene	8.325	78	722250	25.938	ug/L	100
34) Trichloroethene	9.093	95	186990	25.422	ug/L	96
35) Methylcyclohexane	9.331	83	319942	24.324	ug/L	100
37) 1,2-Dichloropropane	9.368	63	199865	26.546	ug/L	99
38) Bromodichloromethane	9.642	83	239052	25.821	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	315572	25.373	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	248229	47.941	ug/L	100
42) Toluene	10.386	91	760827	26.046	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	260085	24.784	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	133185	25.706	ug/L	98
46) Tetrachloroethene	10.861	164	122268	24.074	ug/L	92
48) 2-Hexanone	10.965	43	182418	47.600	ug/L	100
49) Dibromochloromethane	11.129	129	142000	24.679	ug/L	100
50) 1,2-Dibromoethane	11.233	107	122260	24.339	ug/L	98
51) Chlorobenzene	11.654	112	470468	25.720	ug/L	97
52) Ethylbenzene	11.727	91	864667	25.473	ug/L	98
53) m,p-Xylene	11.837	106	327706	25.453	ug/L	98
54) o-Xylene	12.166	106	312518	25.348	ug/L	96
55) Styrene	12.178	104	531485	25.241	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	155601	24.602	ug/L	97
59) Bromoform	12.343	173	75928	23.933	ug/L	98
60) Isopropylbenzene	12.458	105	853154	25.472	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	114705	24.639	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	722290	25.853	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	716272	26.203	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	353590	26.033	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	338694	24.970	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	300744	24.953	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	26625	22.884	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	220852	25.048	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	181318	24.161	ug/L	98
71) Naphthalene	15.360	128	374776	24.284	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	156811	25.411	ug/L	91

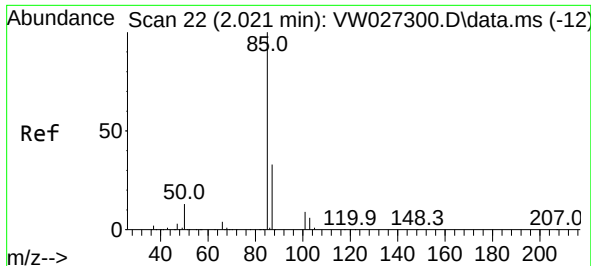
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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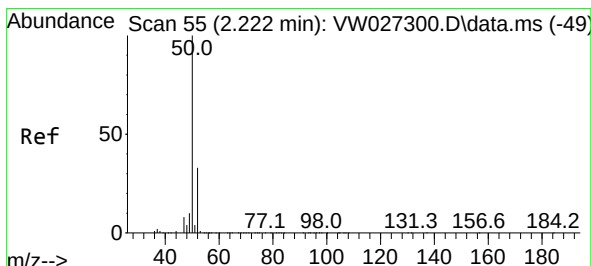
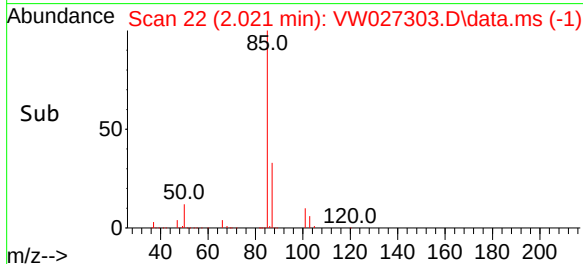
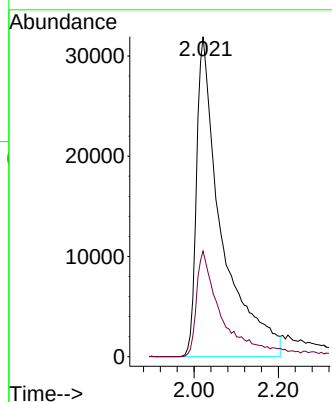
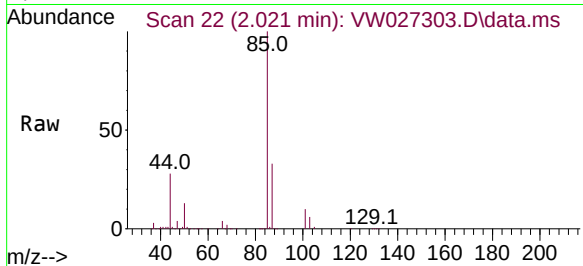




#2
 Dichlorodifluoromethane
 Concen: 23.341 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027303.D
 Acq: 13 Oct 2023 13:39

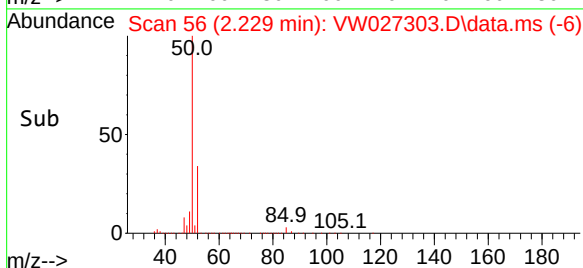
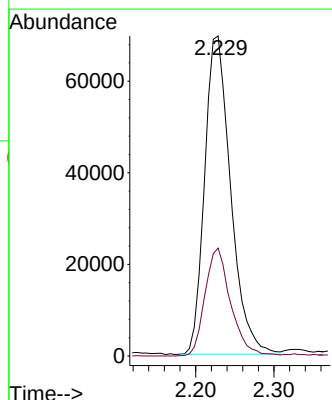
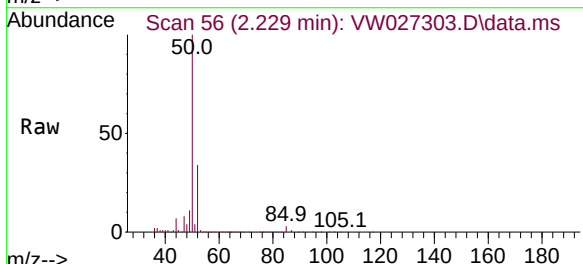
Instrument :
 MSVOA_W
 ClientSampleId :

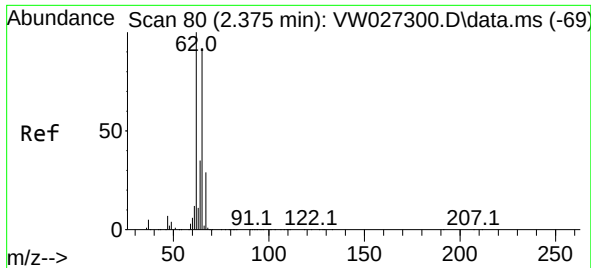
Tgt Ion: 85 Resp: 131531
 Ion Ratio Lower Upper
 85 100
 87 27.6 18.3 27.5#



#3
 Chloromethane
 Concen: 24.826 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW027303.D
 Acq: 13 Oct 2023 13:39

Tgt Ion: 50 Resp: 160769
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.7 42.3

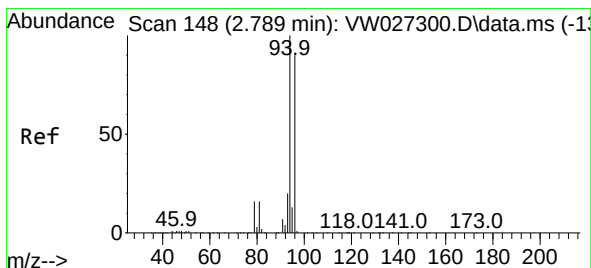
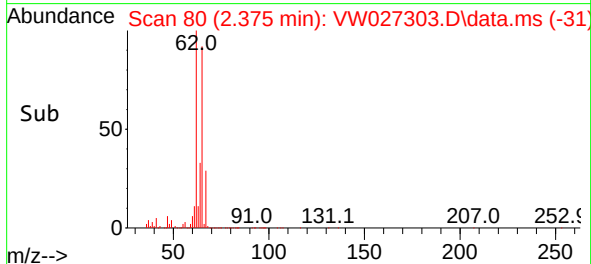
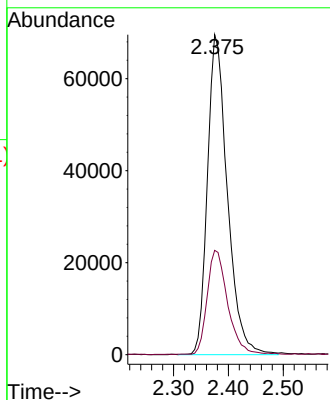
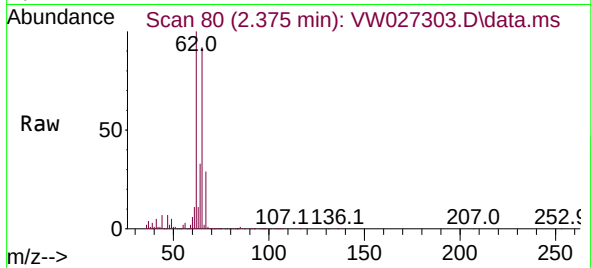




#5
 Vinyl chloride
 Concen: 24.233 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027303.D
 Acq: 13 Oct 2023 13:39

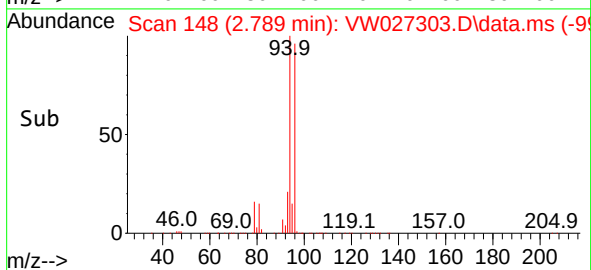
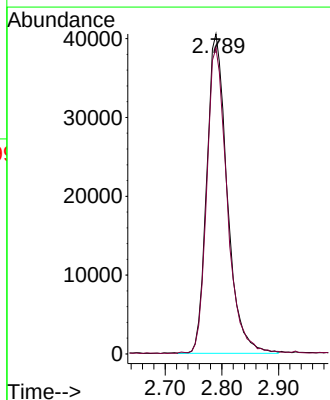
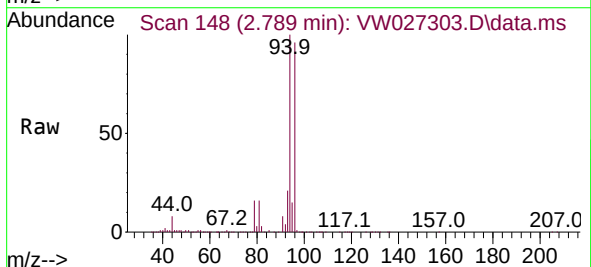
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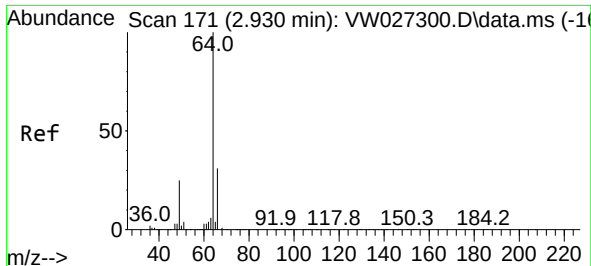
Tgt Ion: 62 Resp: 175298
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.8 44.2



#6
 Bromomethane
 Concen: 24.594 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027303.D
 Acq: 13 Oct 2023 13:39

Tgt Ion: 94 Resp: 101332
 Ion Ratio Lower Upper
 94 100
 96 95.6 62.9 116.9

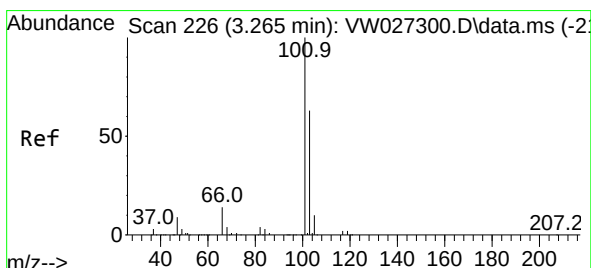
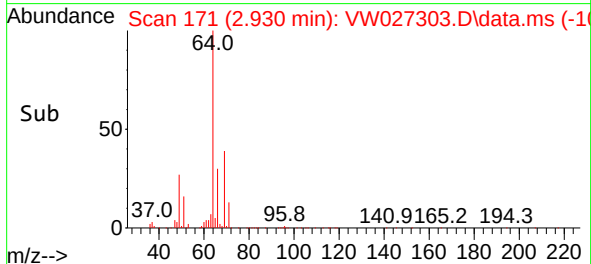
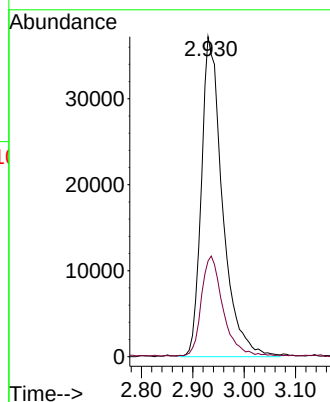
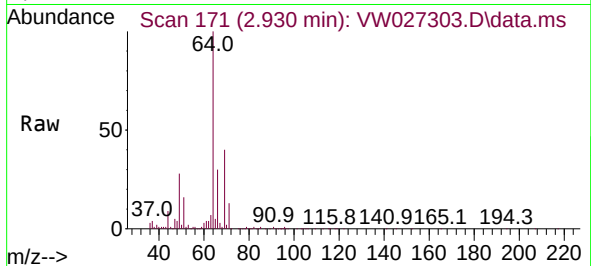




#8
Chloroethane
Concen: 25.575 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

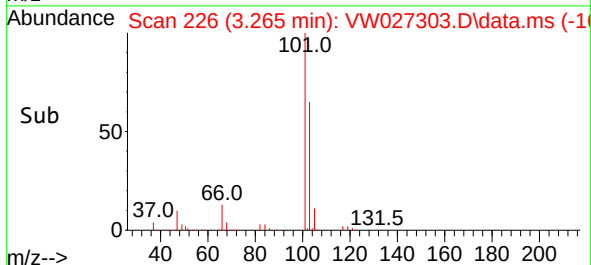
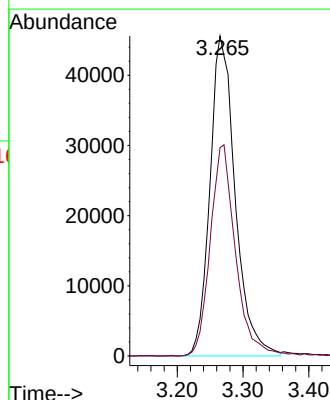
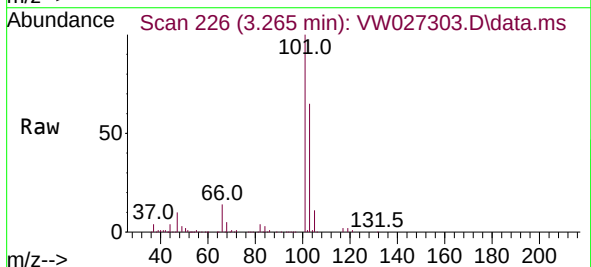
Instrument :
MSVOA_W
ClientSampleId :

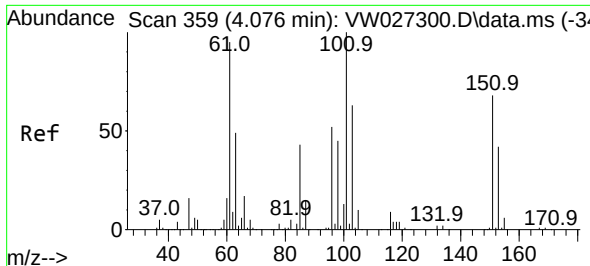
Tgt Ion: 64 Resp: 106491
Ion Ratio Lower Upper
64 100
66 29.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.915 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

Tgt Ion:101 Resp: 122049
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4

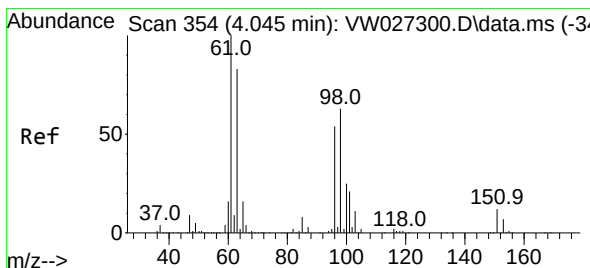
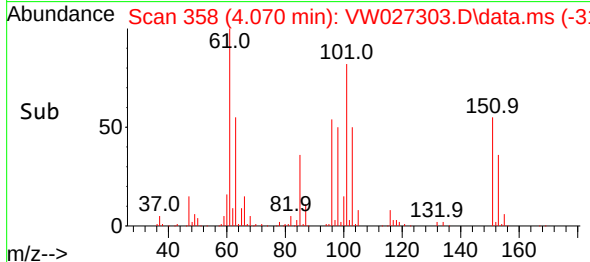
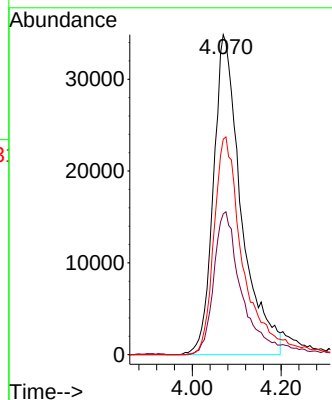
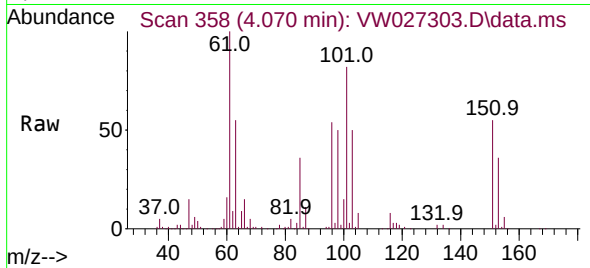




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.672 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027303.D
 Acq: 13 Oct 2023 13:39

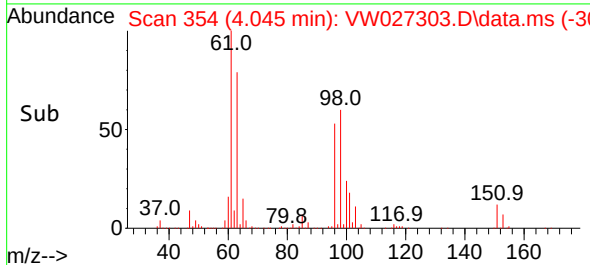
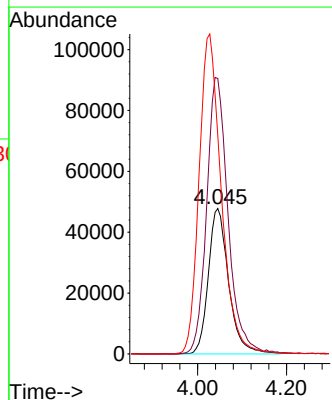
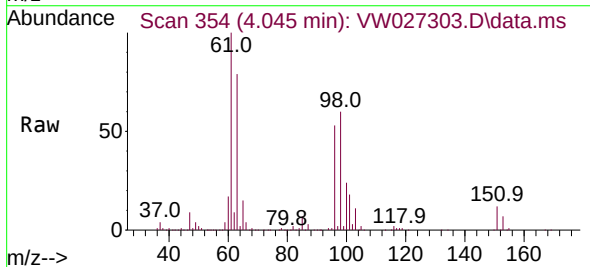
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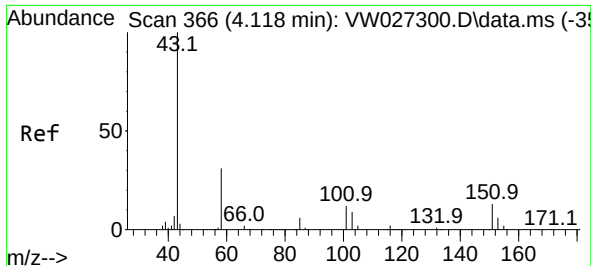
Tgt Ion:101 Resp: 151275
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.1 51.1
 151 69.1 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 24.482 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027303.D
 Acq: 13 Oct 2023 13:39

Tgt Ion: 96 Resp: 152042
 Ion Ratio Lower Upper
 96 100
 61 189.4 133.3 247.5
 63 150.2 115.8 215.2

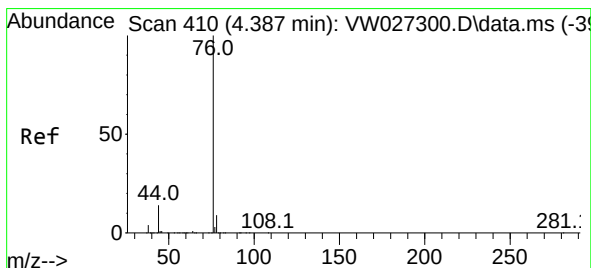
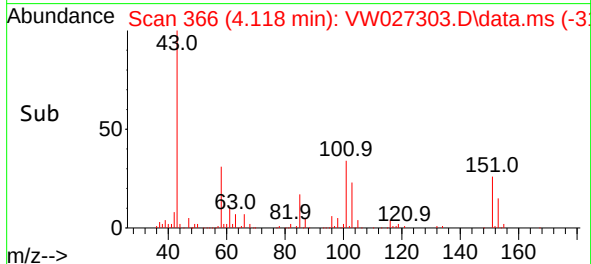
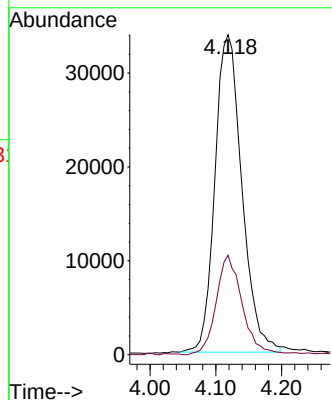
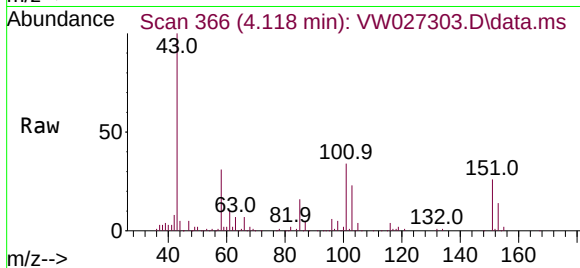




#13
Acetone
Concen: 46.499 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

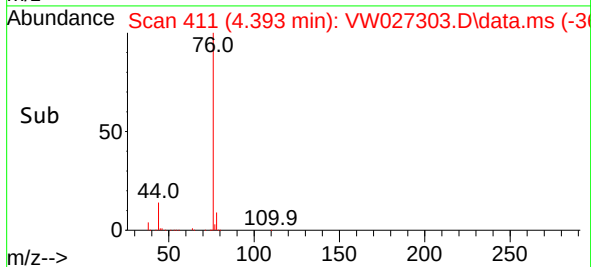
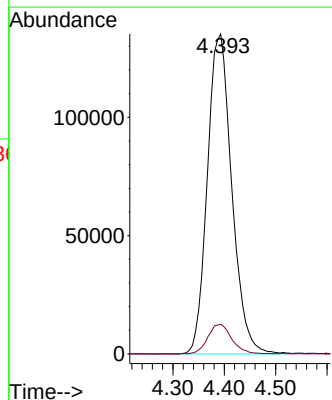
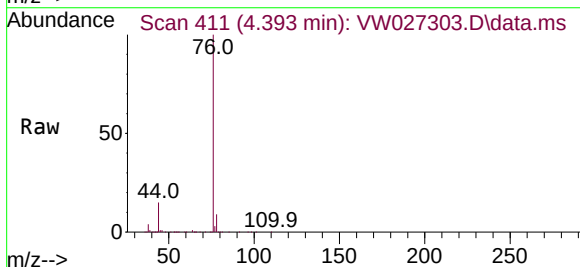
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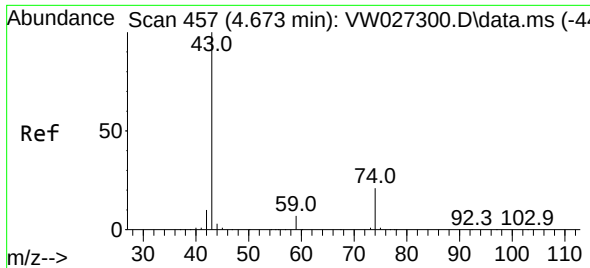
Tgt Ion: 43 Resp: 96484
Ion Ratio Lower Upper
43 100
58 30.1 0.0 60.8



#14
Carbon disulfide
Concen: 23.191 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 446496
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

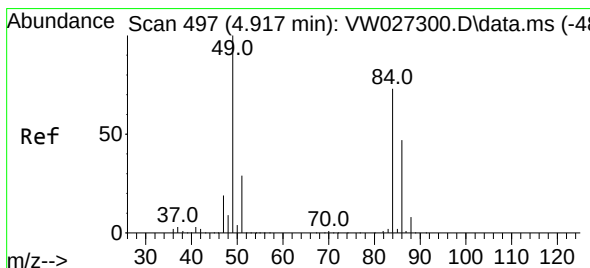
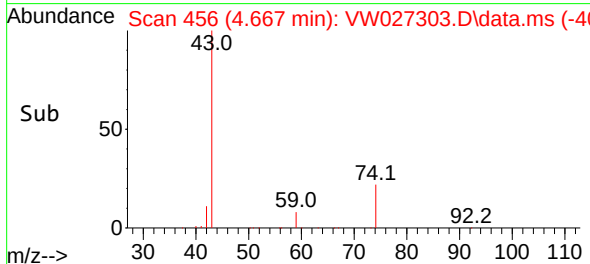
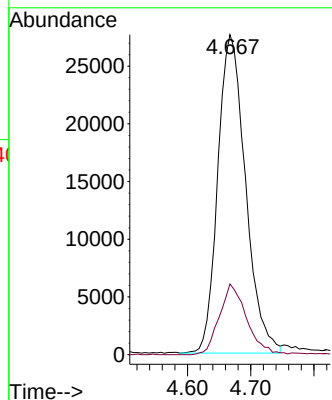
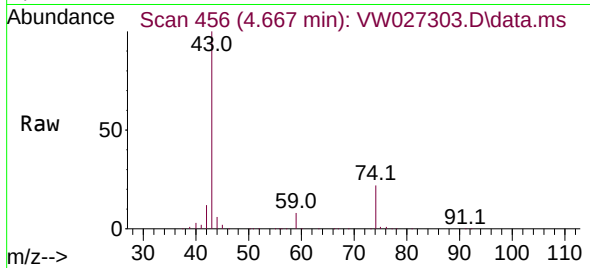




#15
Methyl Acetate
Concen: 23.669 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

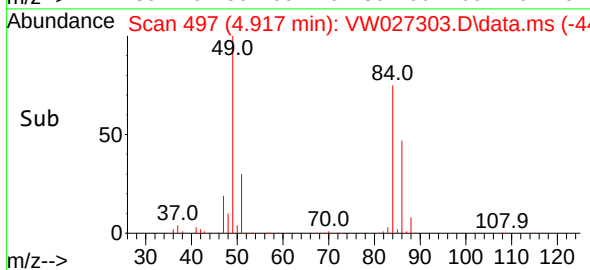
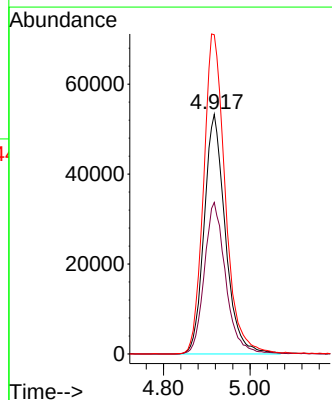
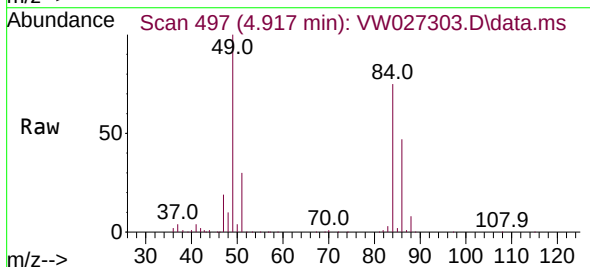
Instrument :
MSVOA_W
ClientSampleId :

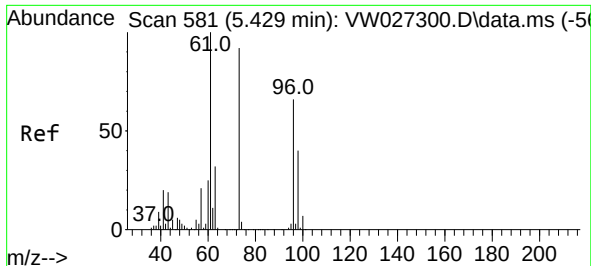
Tgt Ion: 43 Resp: 83883
Ion Ratio Lower Upper
43 100
74 21.5 17.5 26.3



#16
Methylene chloride
Concen: 20.893 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

Tgt Ion: 84 Resp: 181125
Ion Ratio Lower Upper
84 100
86 63.2 41.3 76.7
49 133.1 92.8 172.4

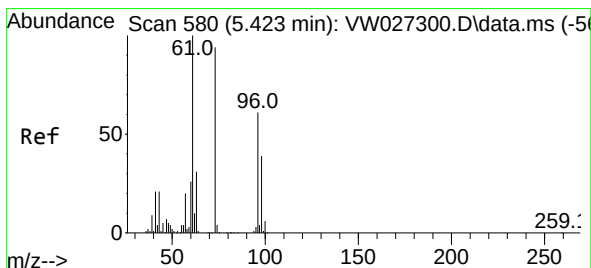
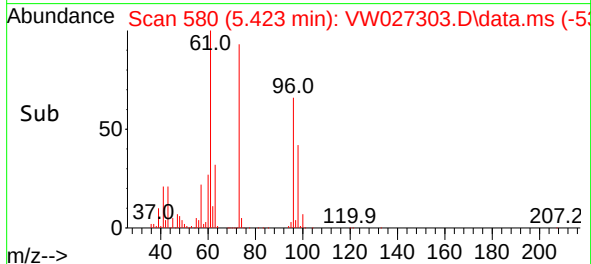
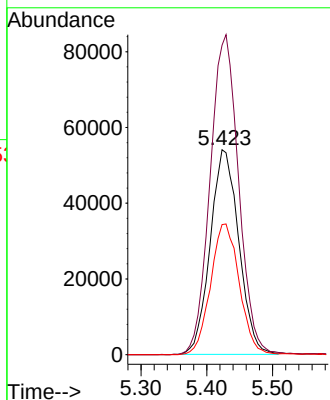
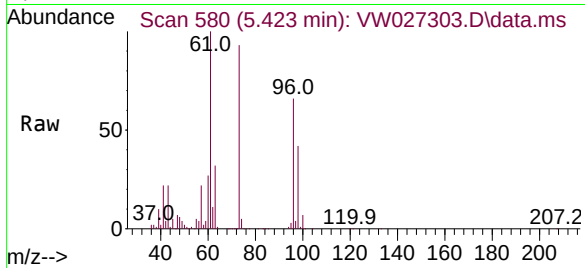




#17
trans-1,2-Dichloroethene
Concen: 24.484 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

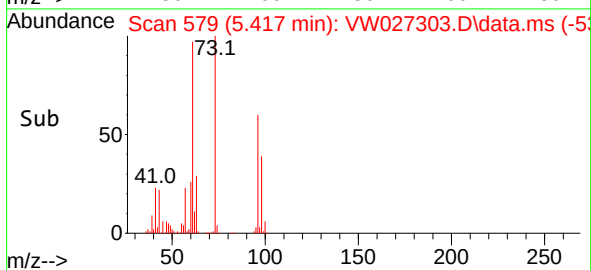
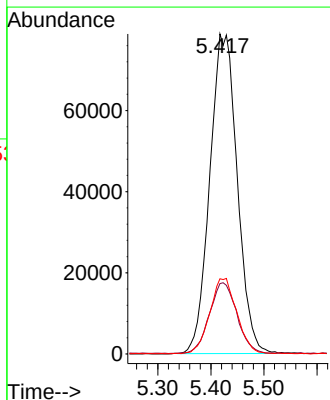
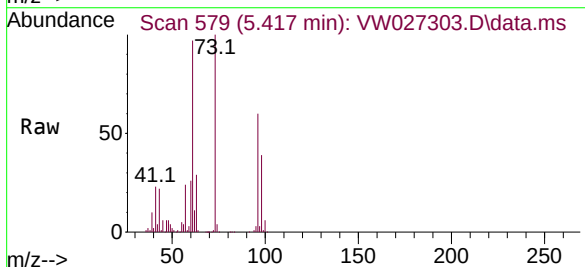
Instrument :
MSVOA_W
ClientSampleId :

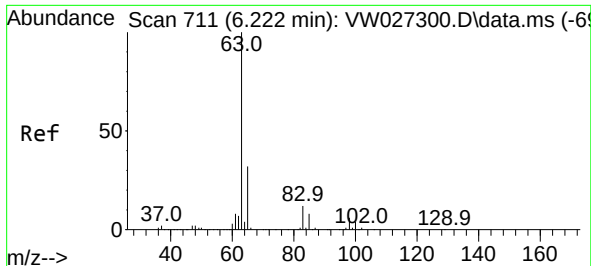
Tgt Ion: 96 Resp: 163417
Ion Ratio Lower Upper
96 100
61 151.0 105.6 196.0
98 63.5 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 24.624 ug/L
RT: 5.417 min Scan# 579
Delta R.T. -0.006 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

Tgt Ion: 73 Resp: 283557
Ion Ratio Lower Upper
73 100
43 22.1 17.7 26.5
57 23.0 18.5 27.7





#19

1,1-Dichloroethane

Concen: 25.514 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

Instrument :

MSVOA_W

ClientSampleId :

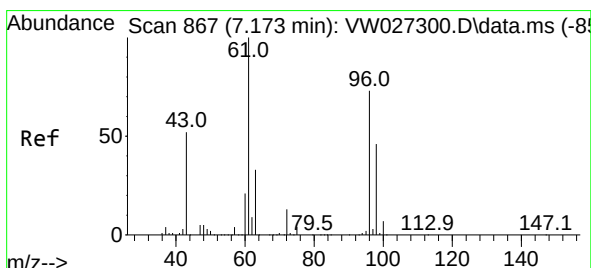
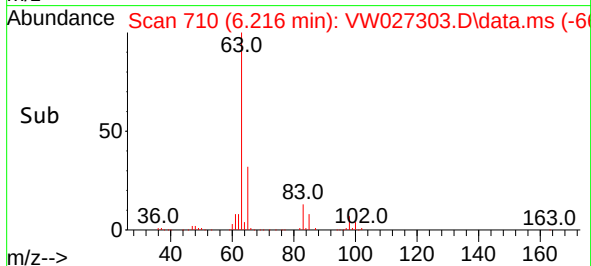
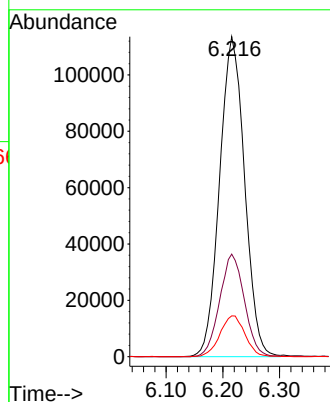
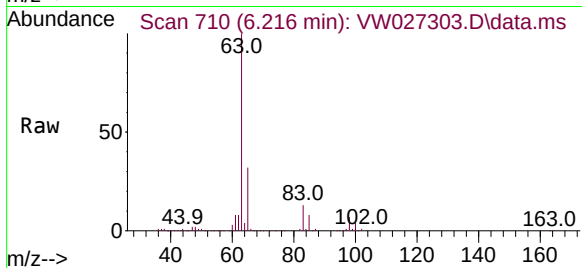
Tgt Ion: 63 Resp: 347442

Ion Ratio Lower Upper

63 100

65 32.1 22.9 42.5

83 12.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 25.118 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

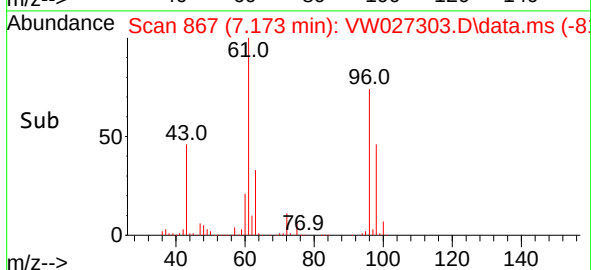
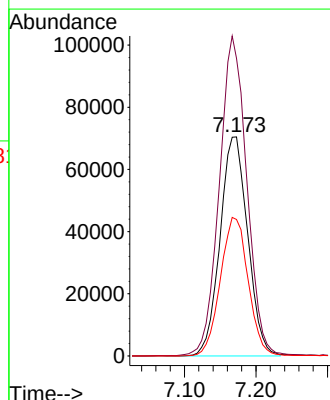
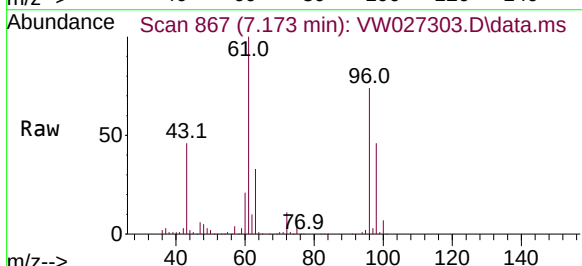
Tgt Ion: 96 Resp: 189327

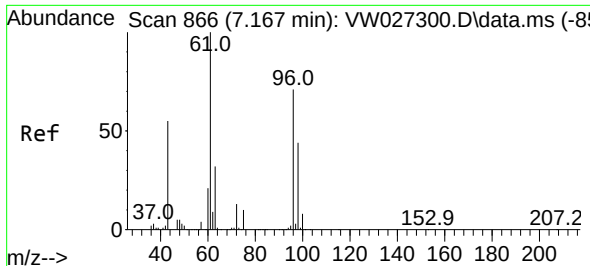
Ion Ratio Lower Upper

96 100

61 135.9 96.2 178.8

98 62.3 46.0 85.4

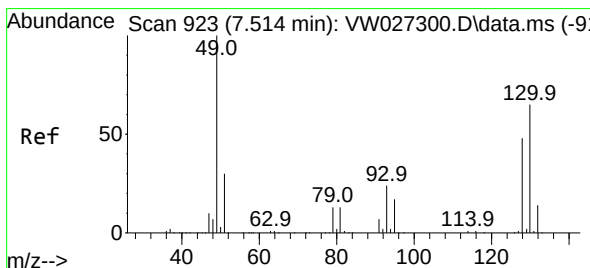
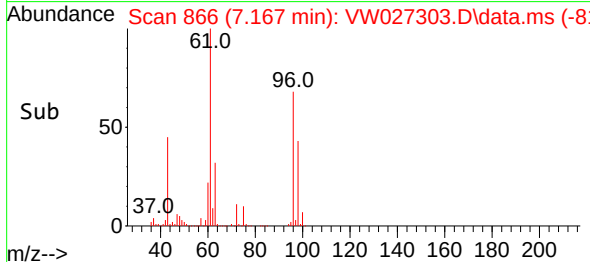
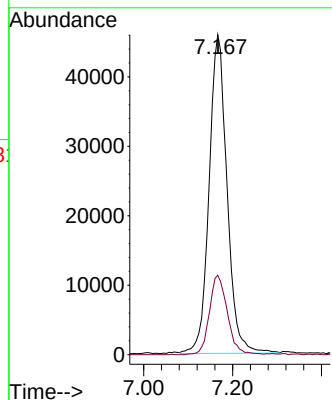
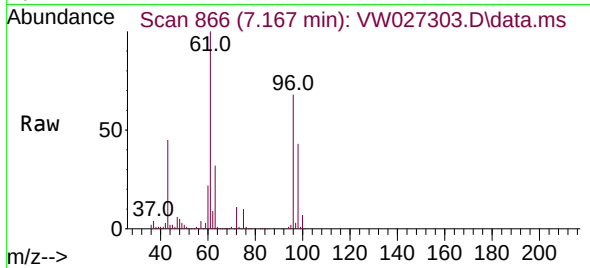




#22
2-Butanone
Concen: 41.573 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

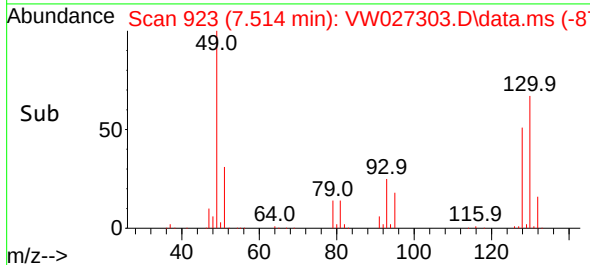
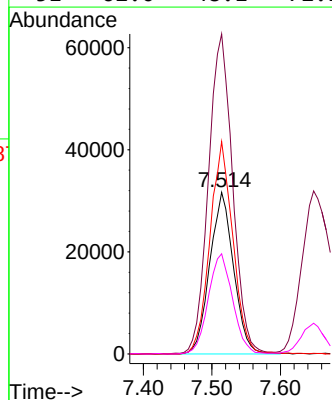
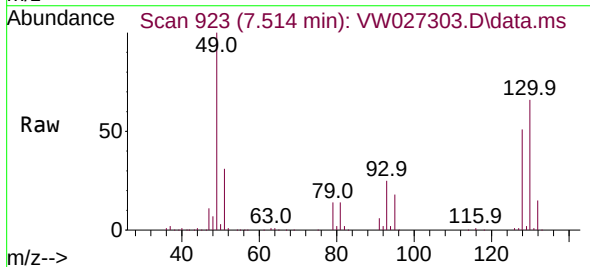
Instrument :
MSVOA_W
ClientSampleId :

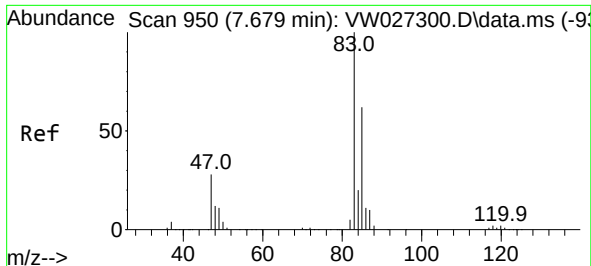
Tgt Ion: 43 Resp: 129119
Ion Ratio Lower Upper
43 100
72 24.8 12.3 36.8



#23
Bromochloromethane
Concen: 24.535 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

Tgt Ion: 128 Resp: 76349
Ion Ratio Lower Upper
128 100
49 197.9 128.9 239.5
130 131.3 85.0 157.8
51 62.0 48.1 72.1

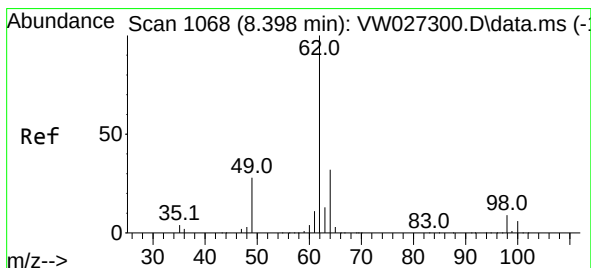
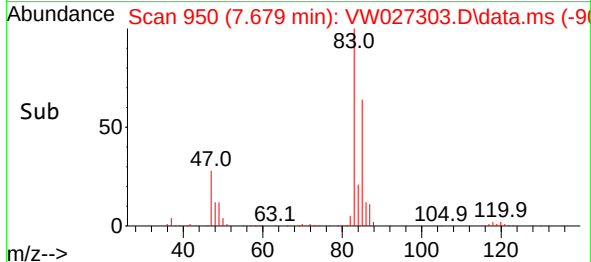
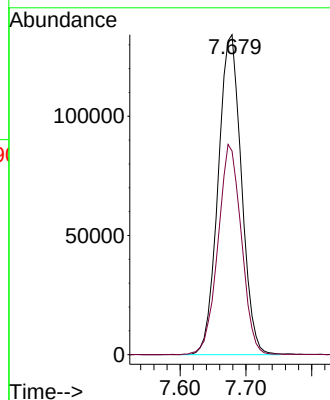
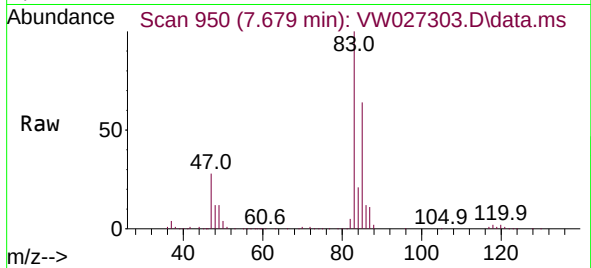




#25
Chloroform
Concen: 25.955 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

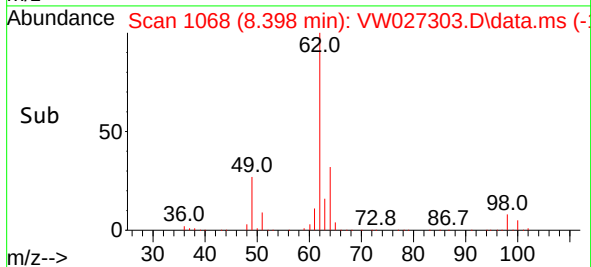
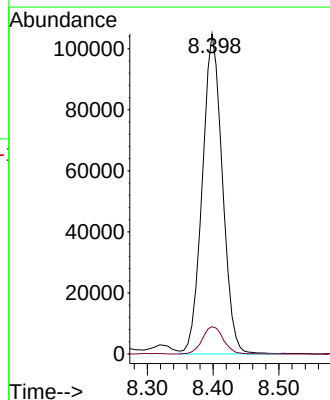
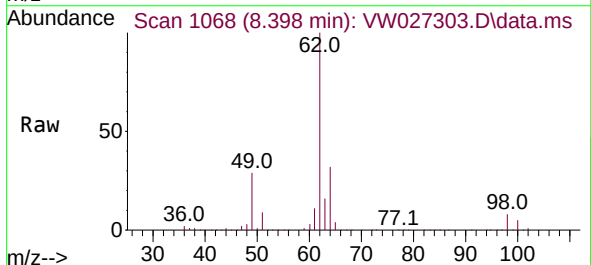
Instrument :
MSVOA_W
ClientSampleId :

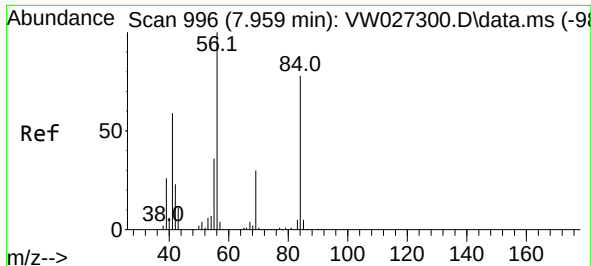
Tgt Ion: 83 Resp: 330797
Ion Ratio Lower Upper
83 100
85 63.7 44.1 81.9



#27
1,2-Dichloroethane
Concen: 25.731 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

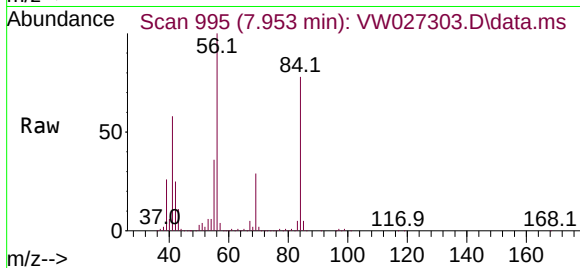
Tgt Ion: 62 Resp: 222770
Ion Ratio Lower Upper
62 100
98 8.5 7.5 11.3



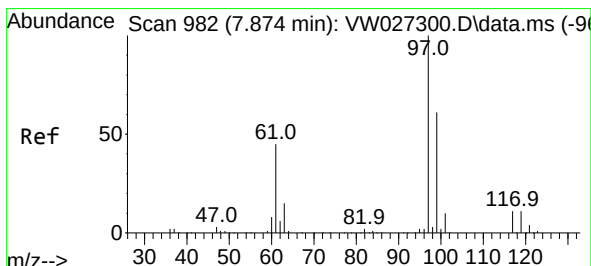
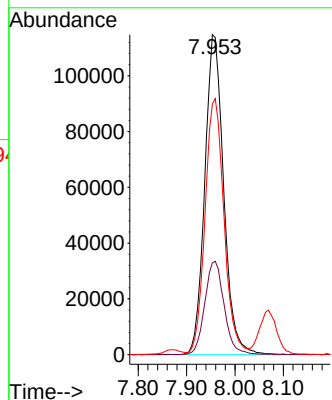
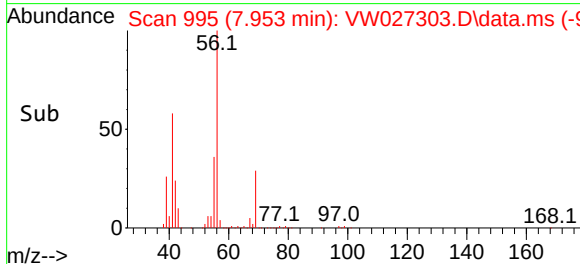


#29
Cyclohexane
Concen: 24.128 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

Instrument :
MSVOA_W
ClientSampleId :

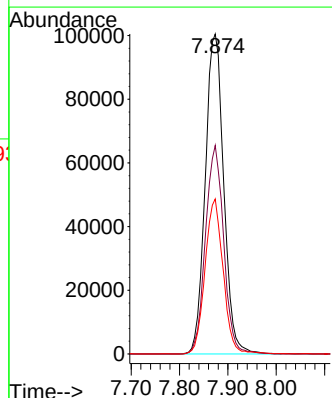
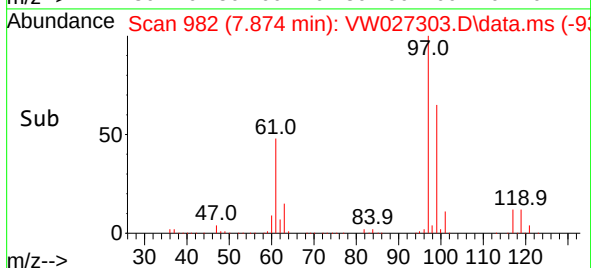
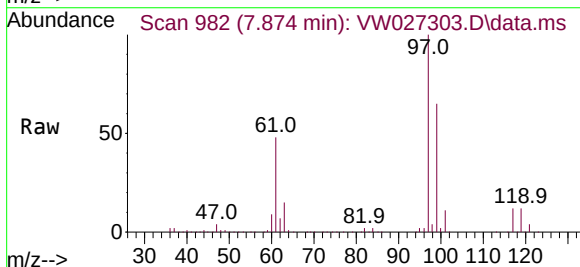


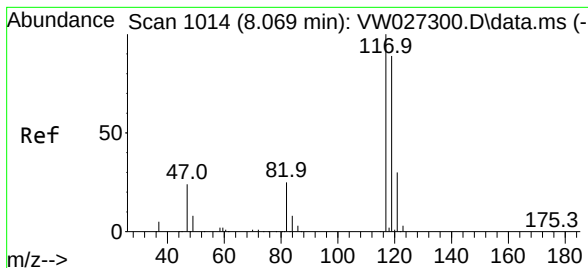
Tgt Ion: 56 Resp: 312141
Ion Ratio Lower Upper
56 100
69 29.8 24.2 36.4
84 80.2 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 25.672 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

Tgt Ion: 97 Resp: 266812
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 47.1 37.4 56.0

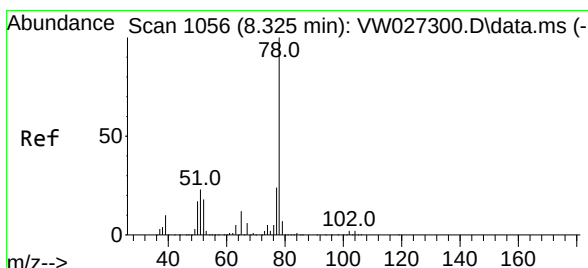
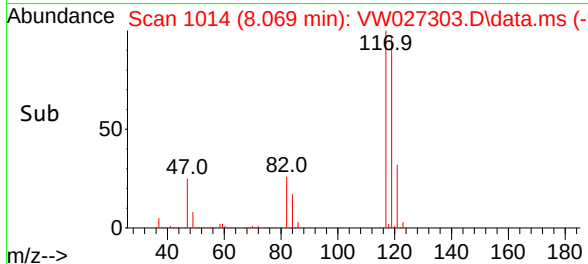
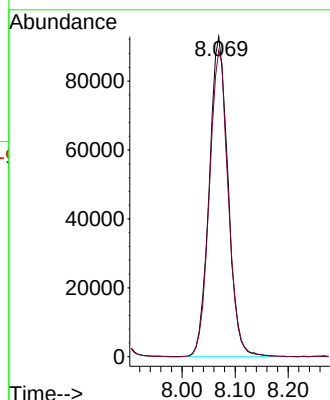
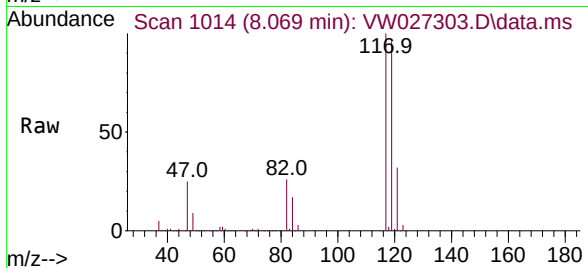




#31
Carbon tetrachloride
Concen: 24.414 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

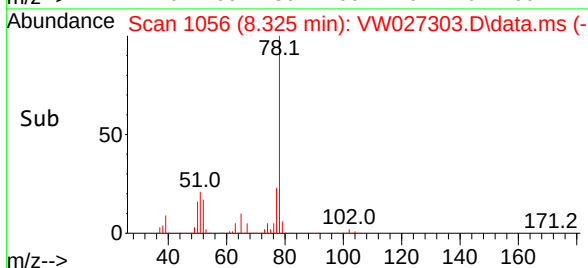
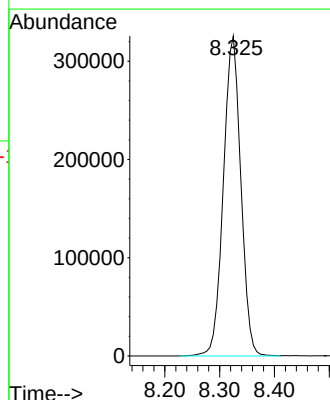
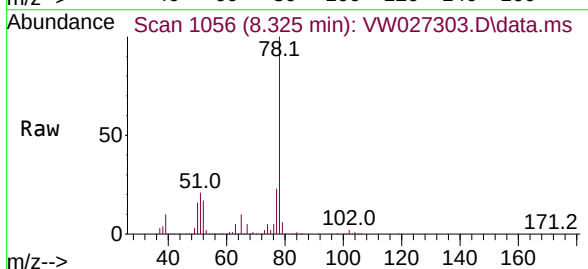
Instrument :
MSVOA_W
ClientSampleId :

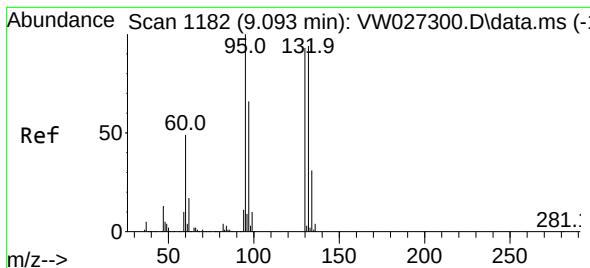
Tgt Ion:117 Resp: 228797
Ion Ratio Lower Upper
117 100
119 96.1 77.1 115.7



#33
Benzene
Concen: 25.938 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

Tgt Ion: 78 Resp: 722250





#34

Trichloroethene

Concen: 25.422 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 186990

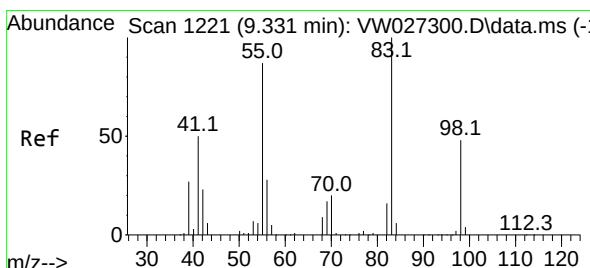
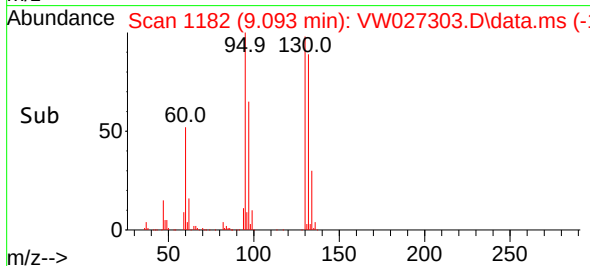
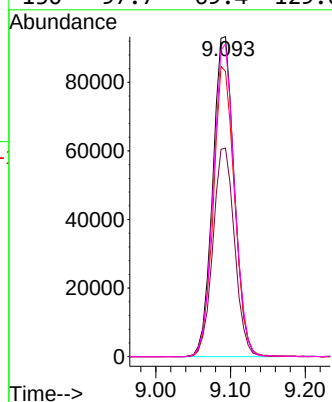
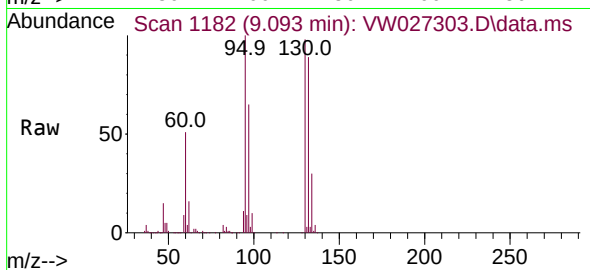
Ion Ratio Lower Upper

95 100

97 65.2 43.4 80.6

132 89.2 67.6 125.6

130 97.7 69.4 129.0



#35

Methylcyclohexane

Concen: 24.324 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

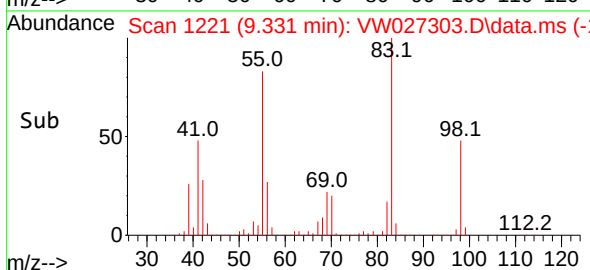
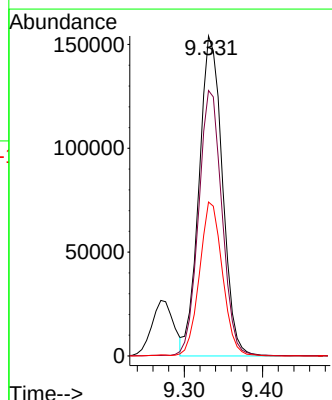
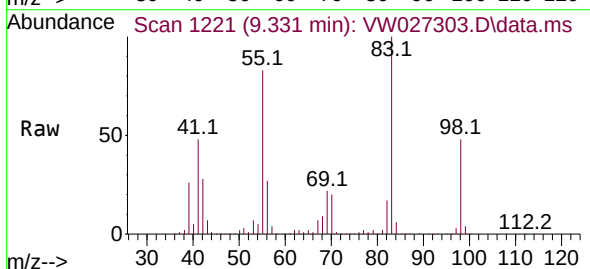
Tgt Ion: 83 Resp: 319942

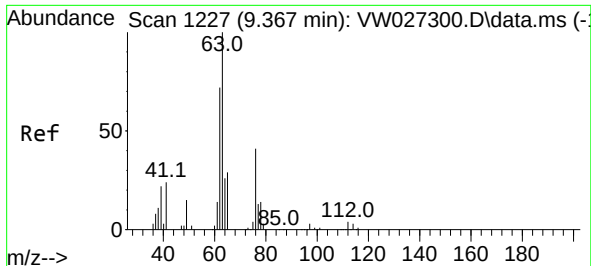
Ion Ratio Lower Upper

83 100

55 82.3 65.8 98.8

98 47.2 38.1 57.1





#37

1,2-Dichloropropane

Concen: 26.546 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

Instrument :

MSVOA_W

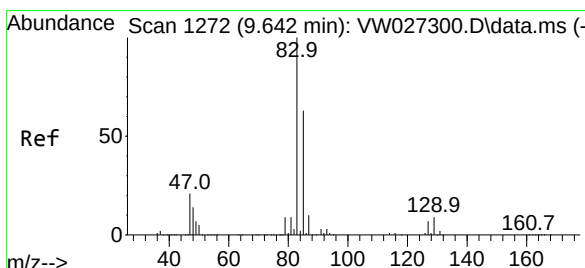
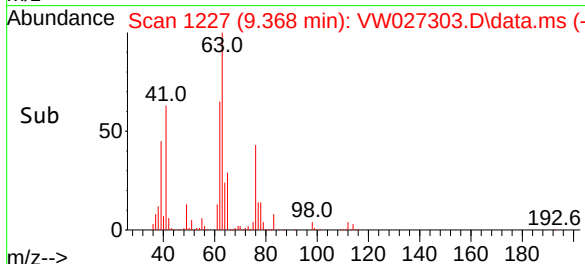
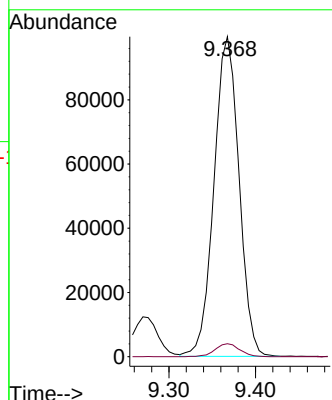
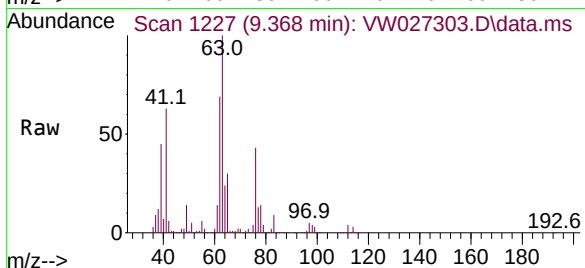
ClientSampleId :

Tgt Ion: 63 Resp: 199865

Ion Ratio Lower Upper

63 100

112 4.0 3.5 5.3



#38

Bromodichloromethane

Concen: 25.821 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

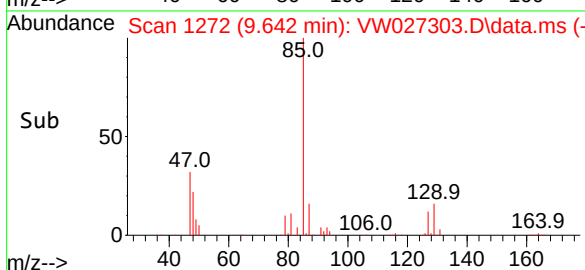
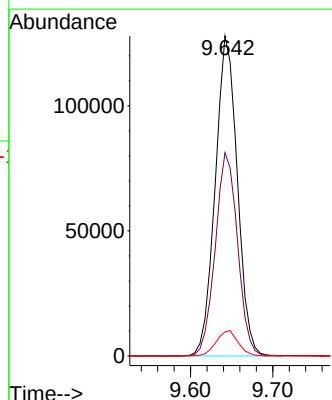
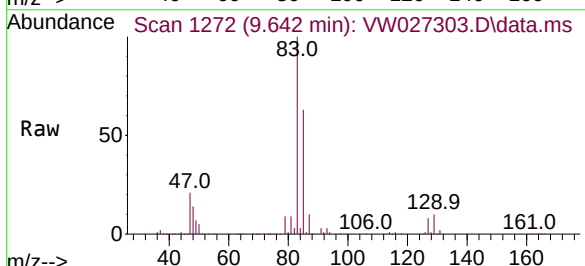
Tgt Ion: 83 Resp: 239052

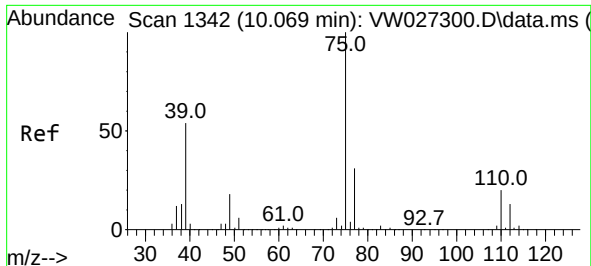
Ion Ratio Lower Upper

83 100

85 63.5 43.9 81.5

127 7.5 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.373 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

Instrument :

MSVOA_W

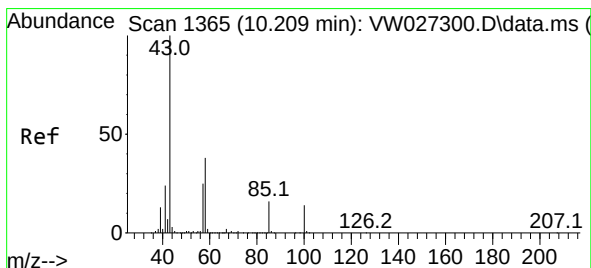
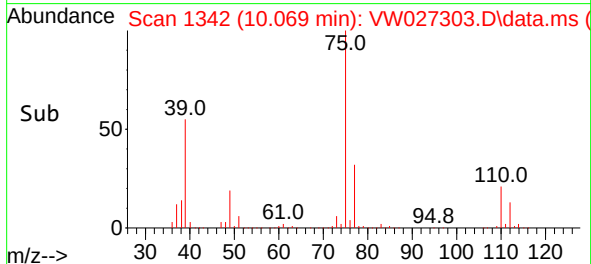
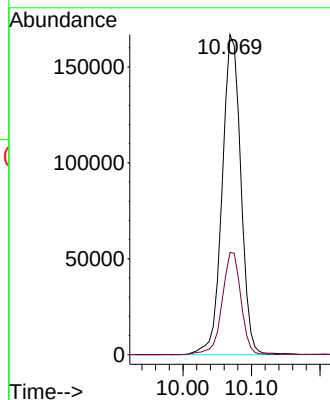
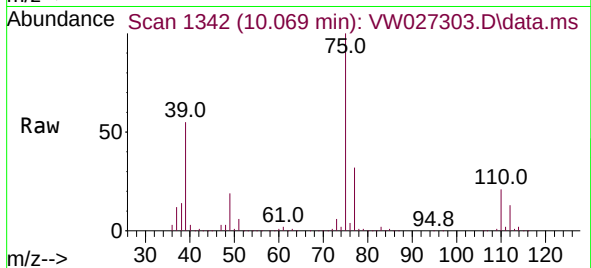
ClientSampleId :

Tgt Ion: 75 Resp: 315572

Ion Ratio Lower Upper

75 100

77 31.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 47.941 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

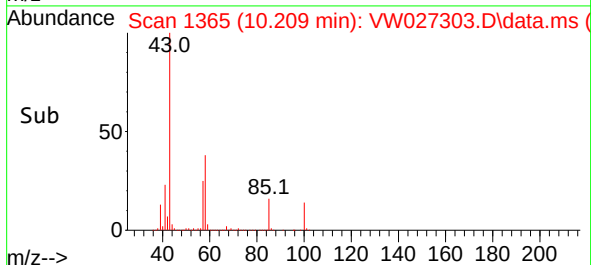
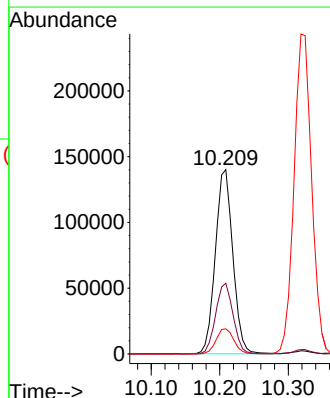
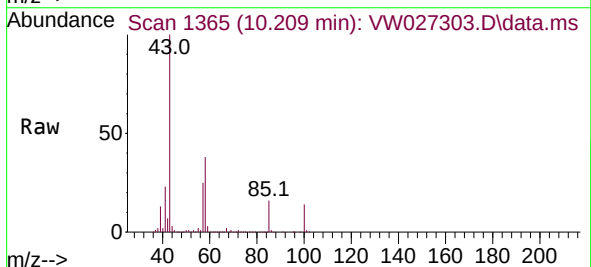
Tgt Ion: 43 Resp: 248229

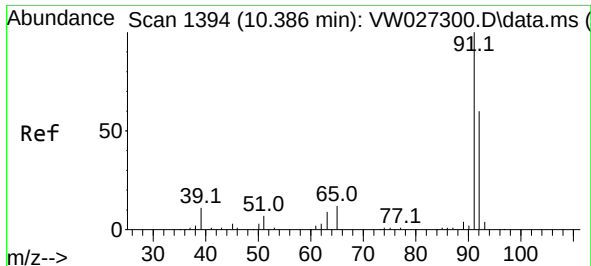
Ion Ratio Lower Upper

43 100

58 38.2 30.5 45.7

100 13.9 11.5 17.3

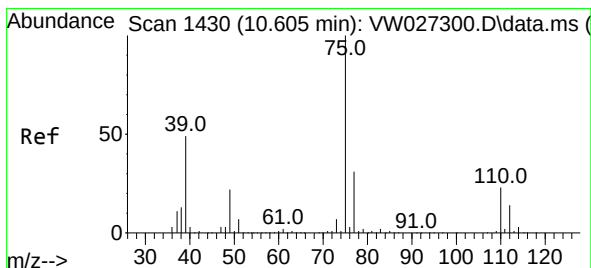
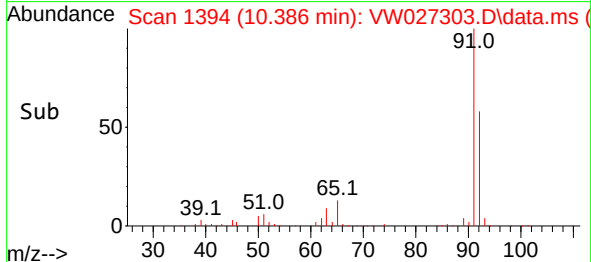
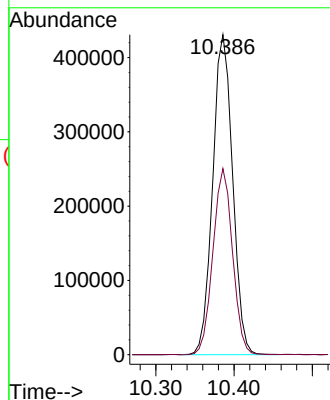
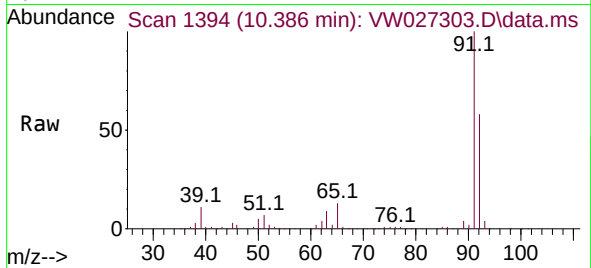




#42
Toluene
Concen: 26.046 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

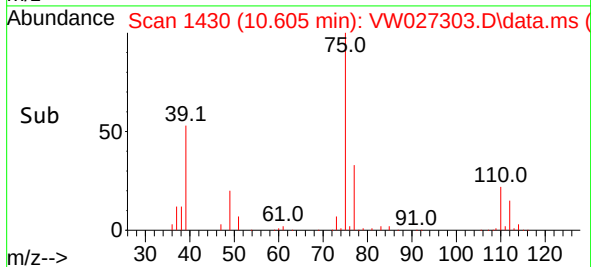
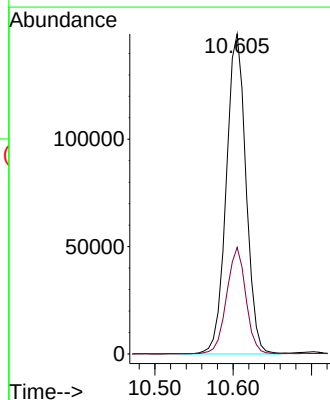
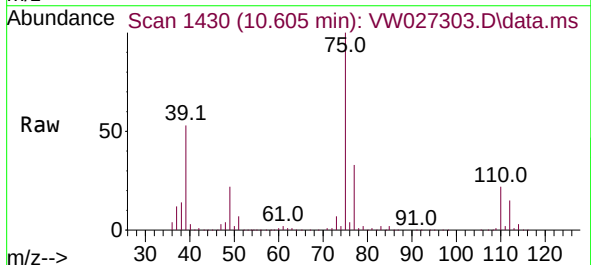
Instrument :
MSVOA_W
ClientSampleId :

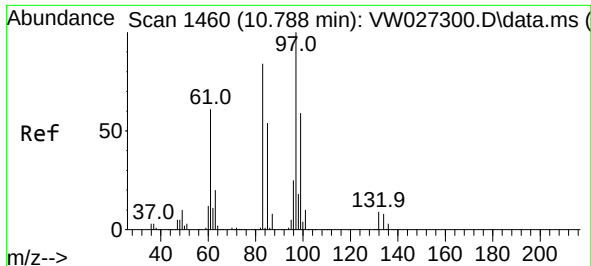
Tgt Ion: 91 Resp: 760827
Ion Ratio Lower Upper
91 100
92 58.1 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 24.784 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

Tgt Ion: 75 Resp: 260085
Ion Ratio Lower Upper
75 100
77 33.3 22.0 41.0

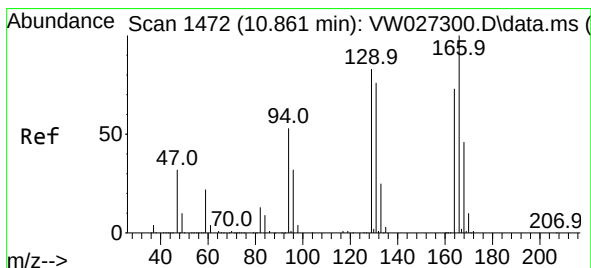
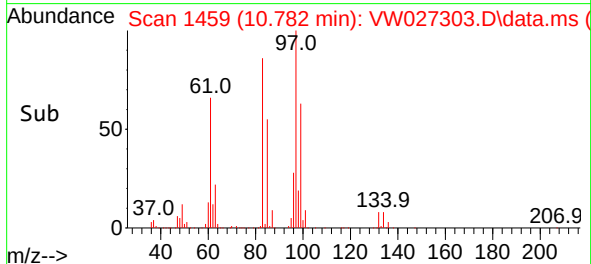
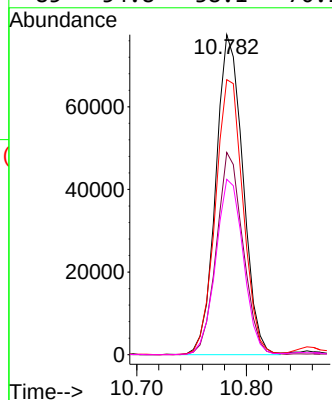
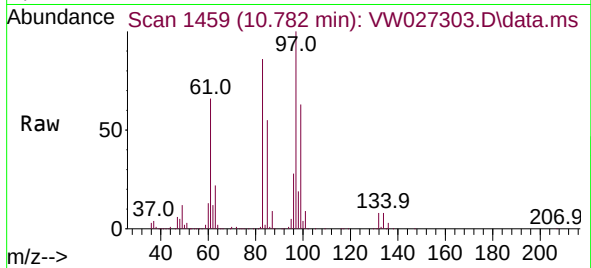




#45
1,1,2-Trichloroethane
Concen: 25.706 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

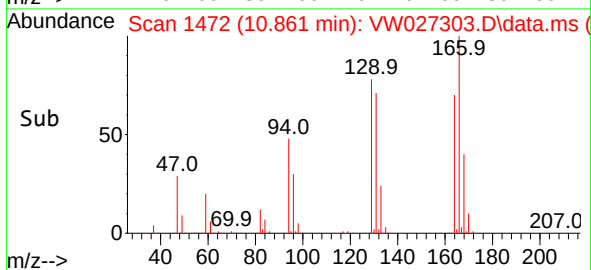
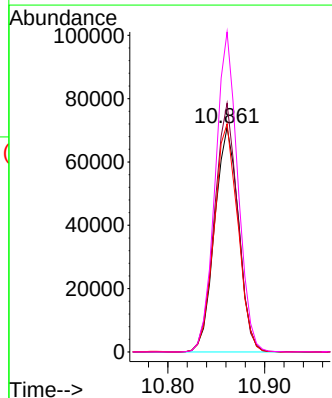
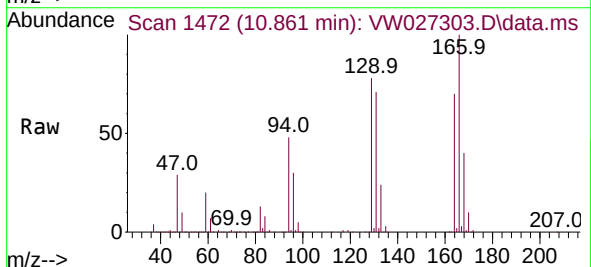
Instrument :
MSVOA_W
ClientSampleId :

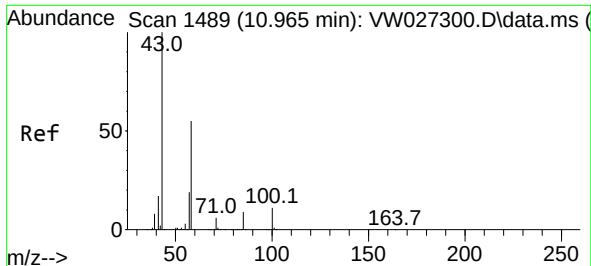
Tgt Ion: 97 Resp: 133185
Ion Ratio Lower Upper
97 100
99 63.2 43.8 81.4
83 86.0 57.5 106.7
85 54.8 38.1 70.9



#46
Tetrachloroethene
Concen: 24.074 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

Tgt Ion:164 Resp: 122268
Ion Ratio Lower Upper
164 100
129 110.8 74.7 138.7
131 101.6 73.2 136.0
166 142.5 87.3 162.1

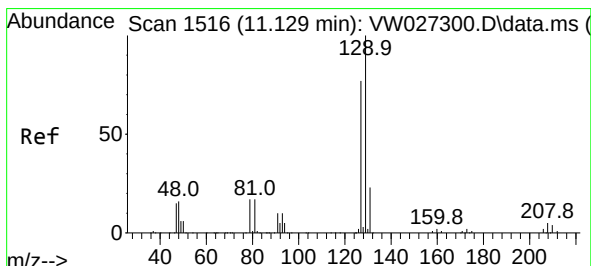
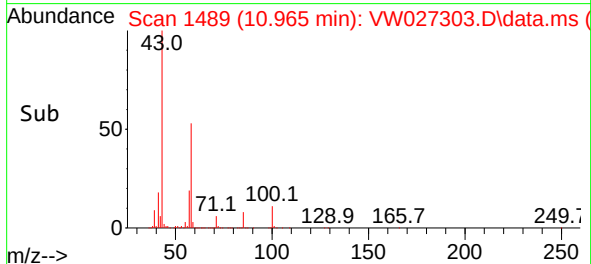
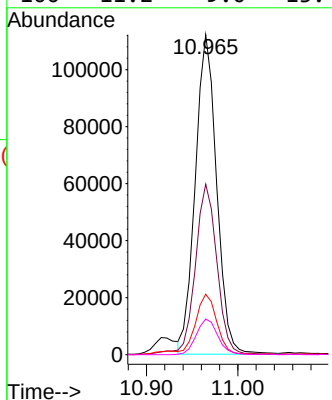
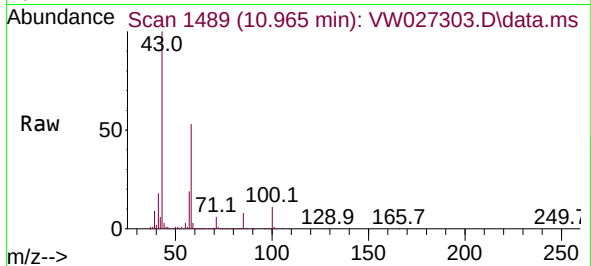




#48
2-Hexanone
Concen: 47.600 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

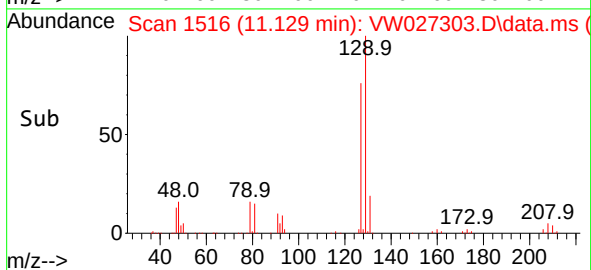
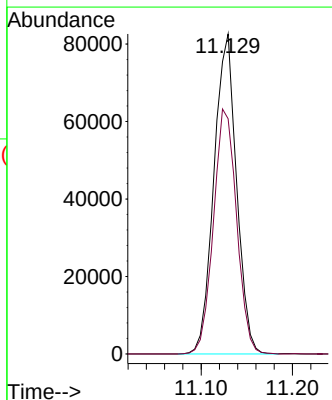
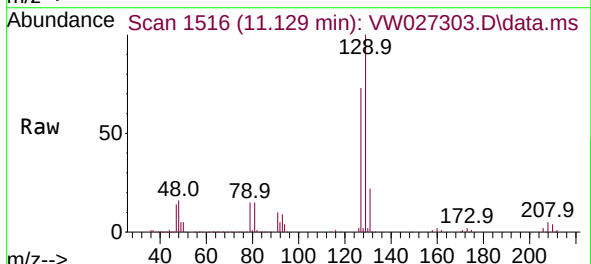
Instrument :
MSVOA_W
ClientSampleId :

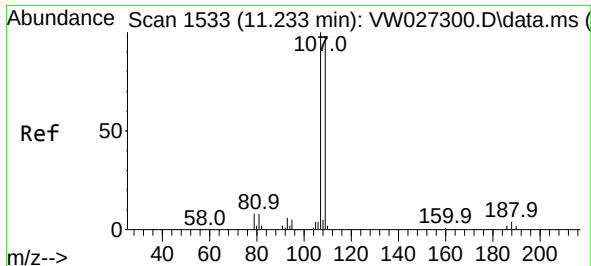
Tgt Ion: 43 Resp: 182418
Ion Ratio Lower Upper
43 100
58 52.6 42.2 63.4
57 18.6 15.1 22.7
100 11.2 9.0 13.4



#49
Dibromochloromethane
Concen: 24.679 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

Tgt Ion: 129 Resp: 142000
Ion Ratio Lower Upper
129 100
127 73.5 51.7 95.9





#50

1,2-Dibromoethane

Concen: 24.339 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

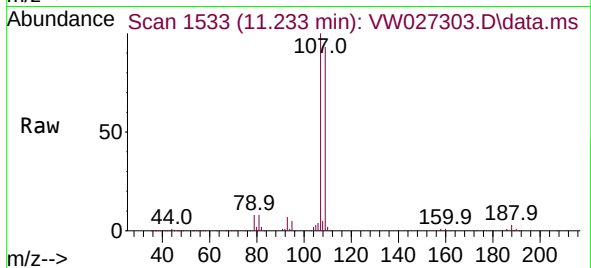
Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

Instrument :

MSVOA_W

ClientSampleId :



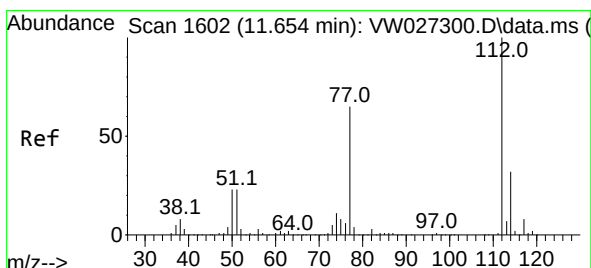
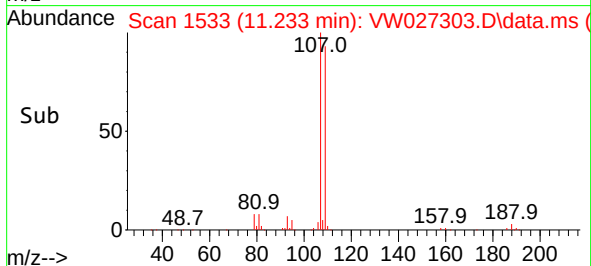
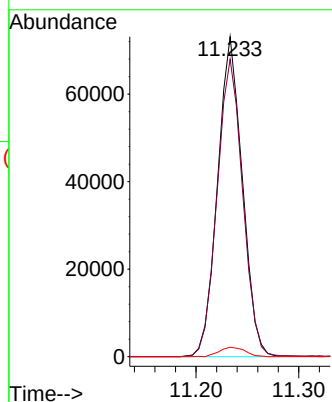
Tgt Ion:107 Resp: 122260

Ion Ratio Lower Upper

107 100

109 93.0 66.3 123.1

188 3.0 3.0 4.4



#51

Chlorobenzene

Concen: 25.720 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

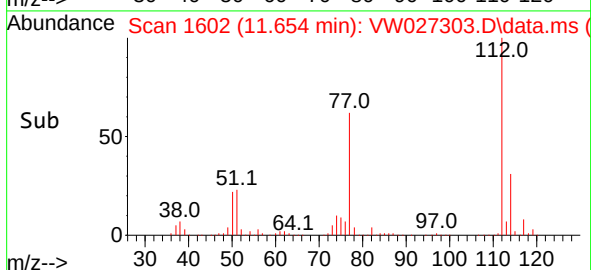
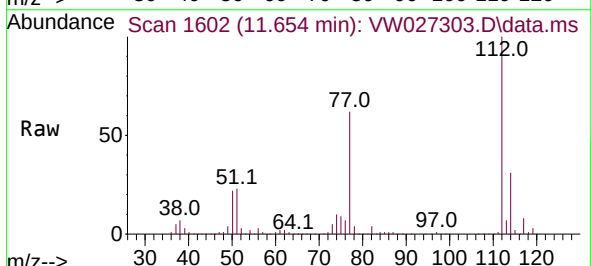
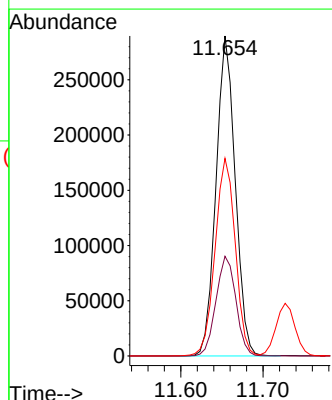
Tgt Ion:112 Resp: 470468

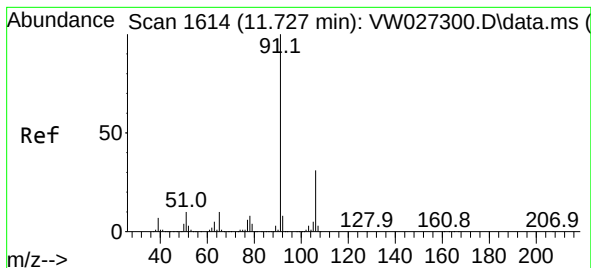
Ion Ratio Lower Upper

112 100

114 31.1 21.8 40.6

77 61.7 52.2 78.4

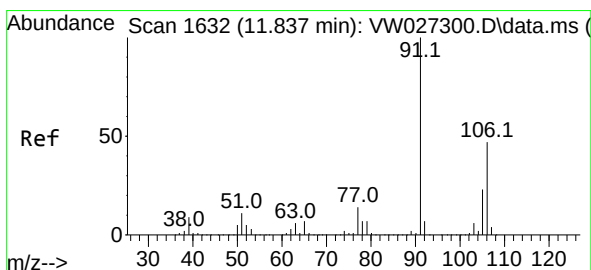
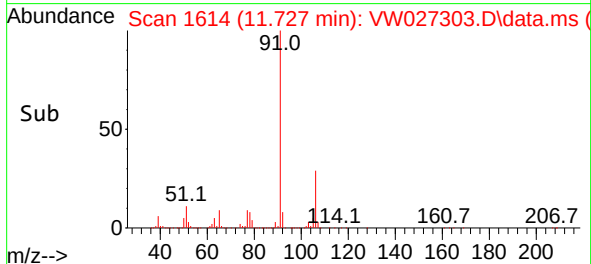
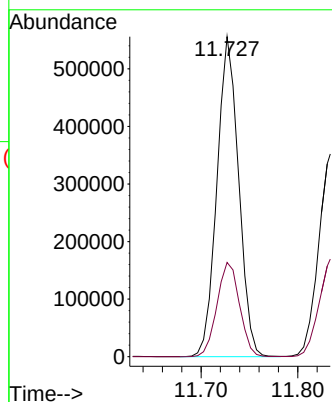
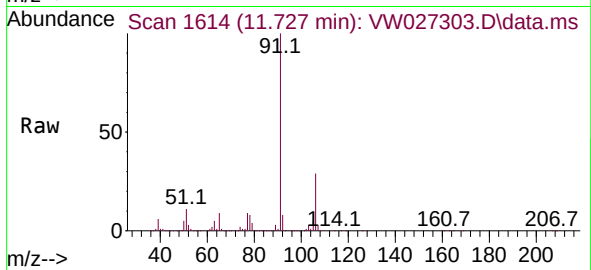




#52
Ethylbenzene
Concen: 25.473 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

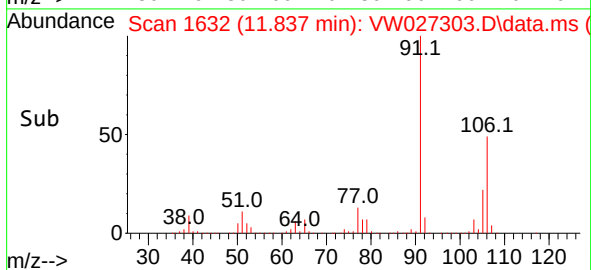
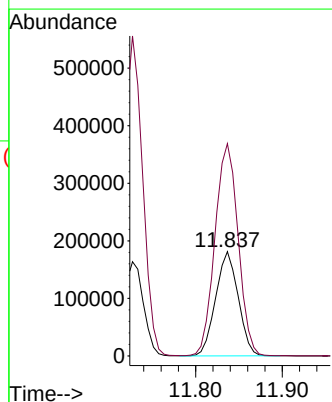
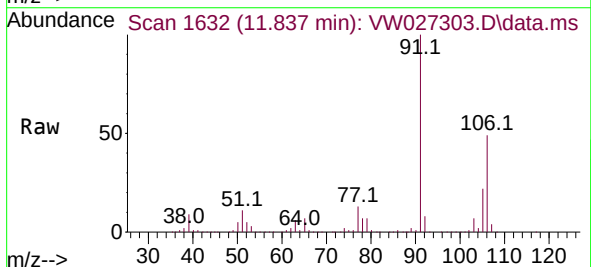
Instrument :
MSVOA_W
ClientSampleId :

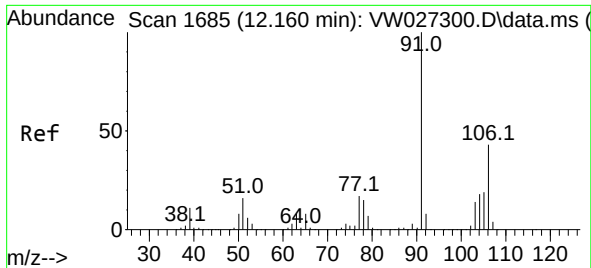
Tgt Ion: 91 Resp: 864667
Ion Ratio Lower Upper
91 100
106 29.5 19.8 36.8



#53
m,p-Xylene
Concen: 25.453 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

Tgt Ion: 106 Resp: 327706
Ion Ratio Lower Upper
106 100
91 203.5 144.5 268.4

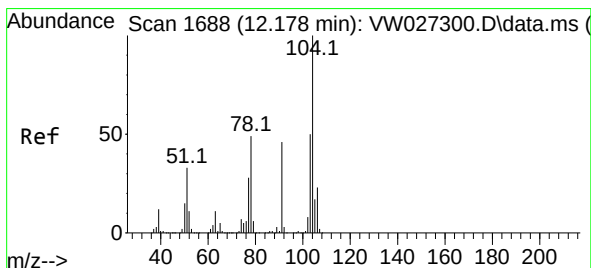
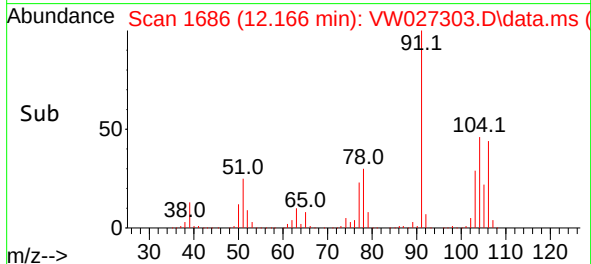
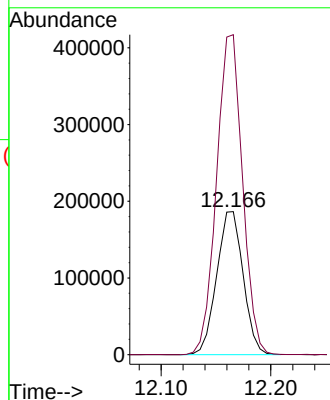
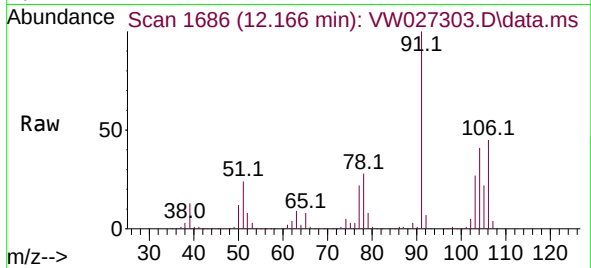




#54
o-Xylene
Concen: 25.348 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

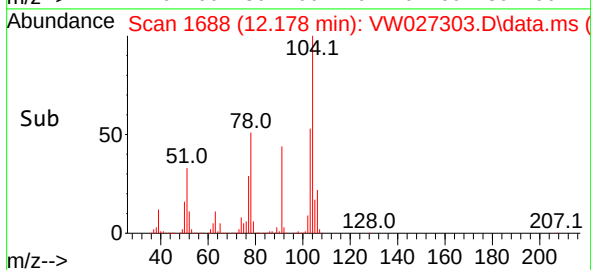
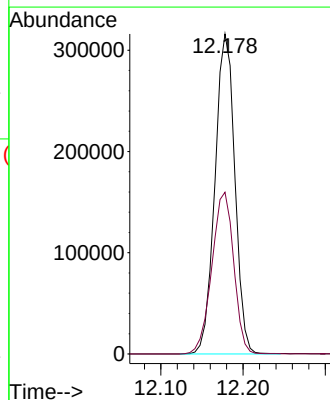
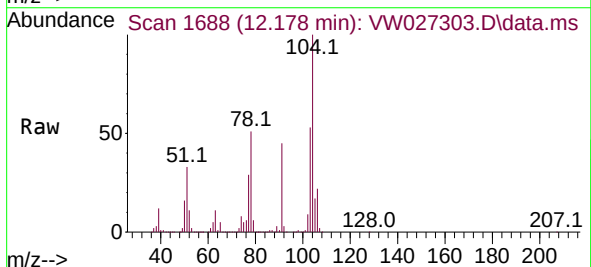
Instrument :
MSVOA_W
ClientSampleId :

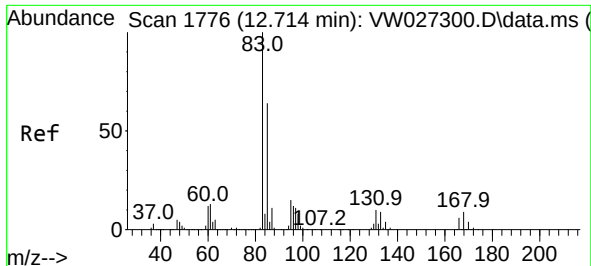
Tgt Ion:106 Resp: 312518
Ion Ratio Lower Upper
106 100
91 223.7 152.0 282.2



#55
Styrene
Concen: 25.241 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

Tgt Ion:104 Resp: 531485
Ion Ratio Lower Upper
104 100
78 50.5 33.2 61.6





#57

1,1,2-Tetrachloroethane

Concen: 24.602 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

Instrument :

MSVOA_W

ClientSampleId :

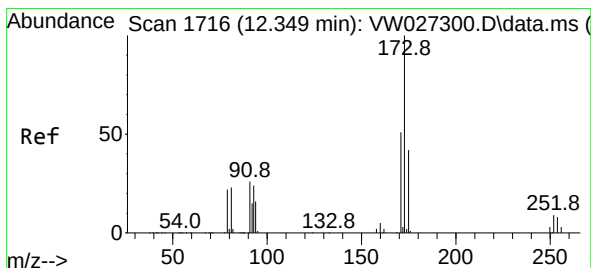
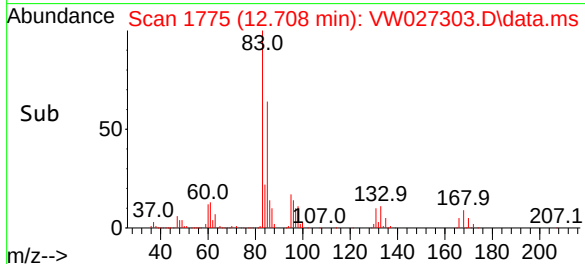
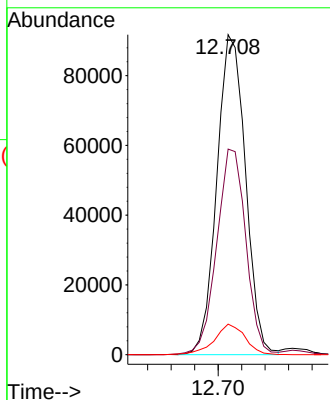
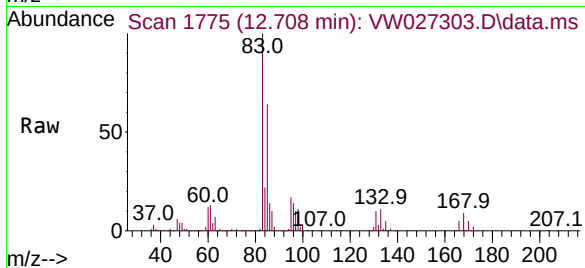
Tgt Ion: 83 Resp: 155601

Ion Ratio Lower Upper

83 100

85 64.3 43.2 80.2

131 9.6 7.2 10.8



#59

Bromoform

Concen: 23.933 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

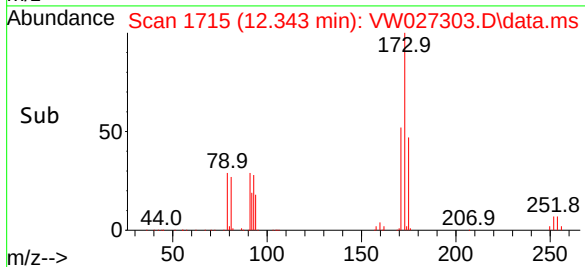
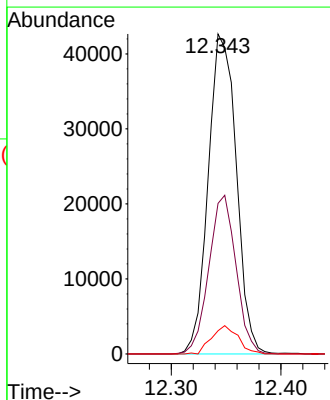
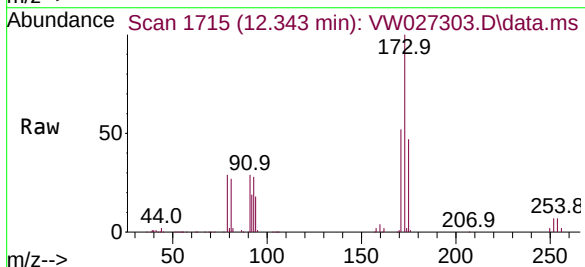
Tgt Ion:173 Resp: 75928

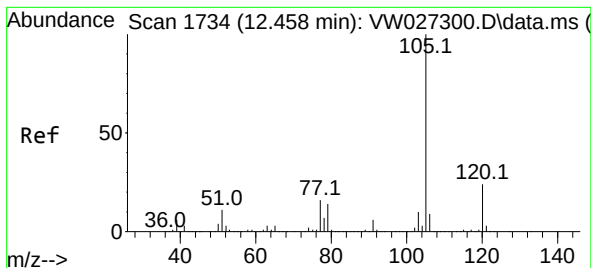
Ion Ratio Lower Upper

173 100

175 48.0 39.6 59.4

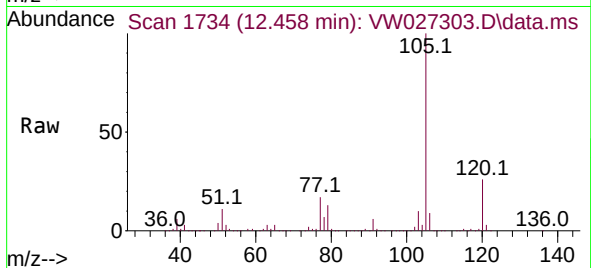
254 8.3 6.6 10.0



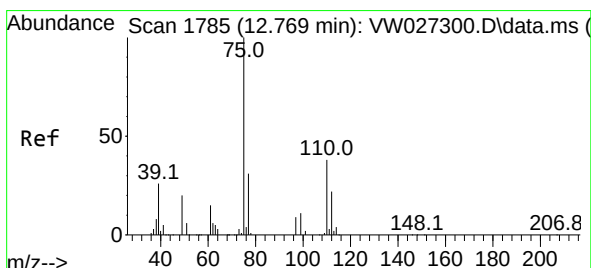
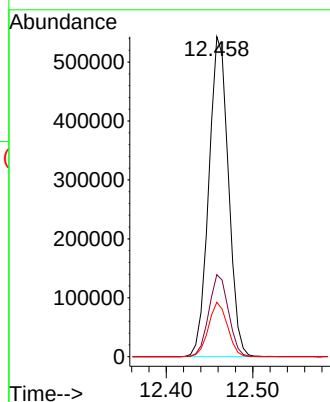
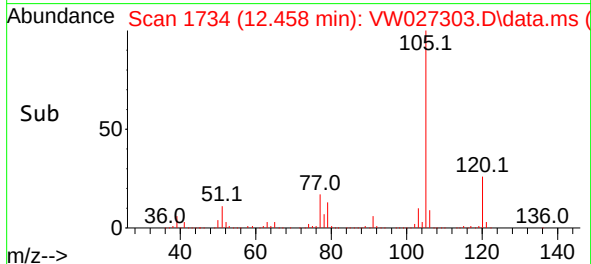


#60
Isopropylbenzene
Concen: 25.472 ug/L
RT: 12.458 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

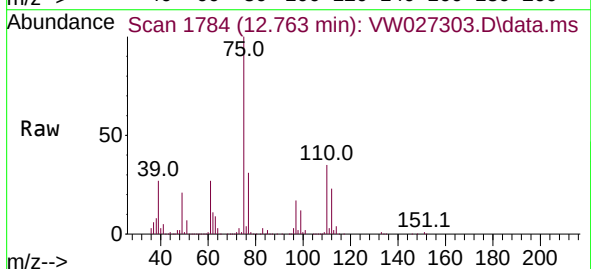
Instrument :
MSVOA_W
ClientSampleId :



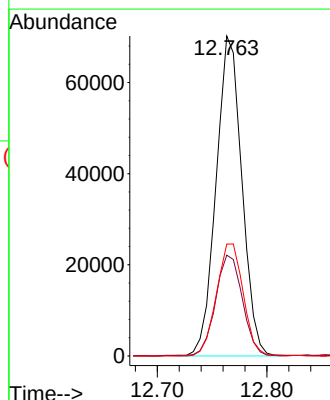
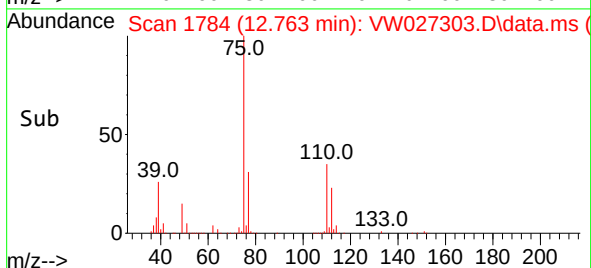
Tgt Ion:105 Resp: 853154
Ion Ratio Lower Upper
105 100
120 25.7 20.1 30.1
77 16.5 12.9 19.3

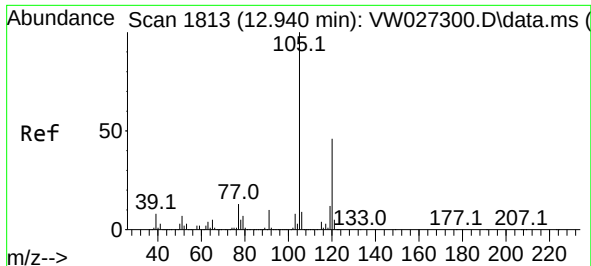


#61
1,2,3-Trichloropropane
Concen: 24.639 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39



Tgt Ion: 75 Resp: 114705
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
110 36.4 29.7 44.5

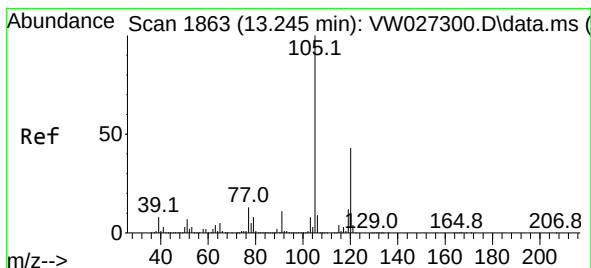
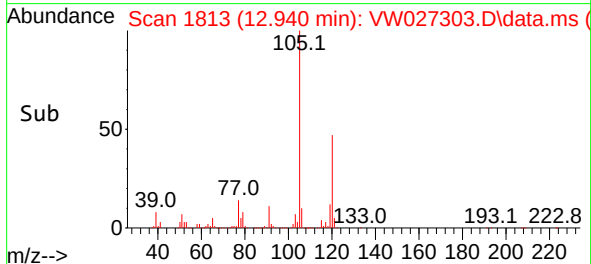
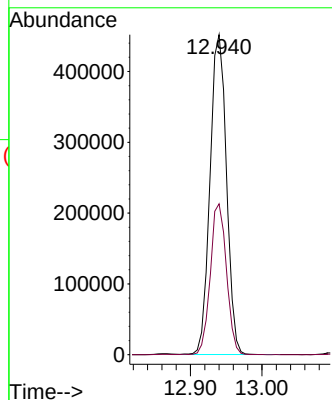
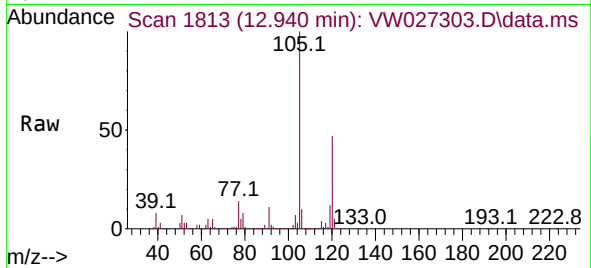




#62
1,3,5-Trimethylbenzene
Concen: 25.853 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

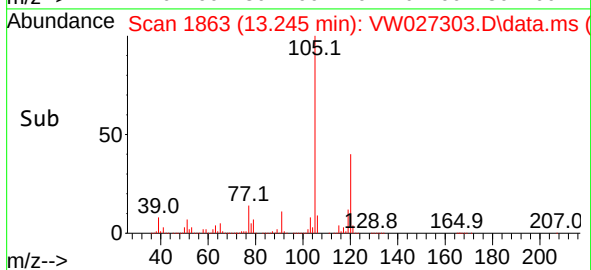
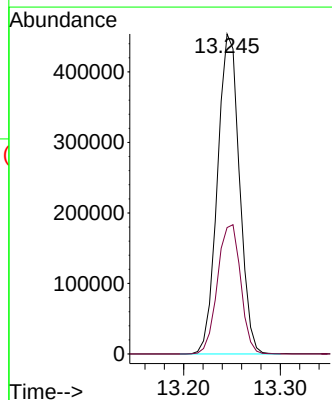
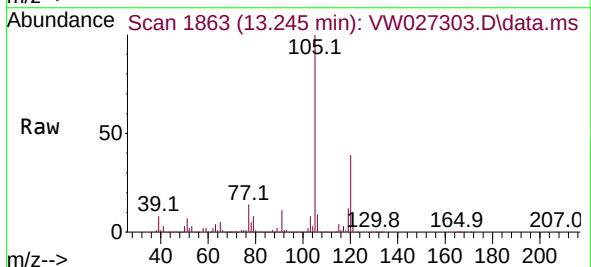
Instrument :
MSVOA_W
ClientSampleId :

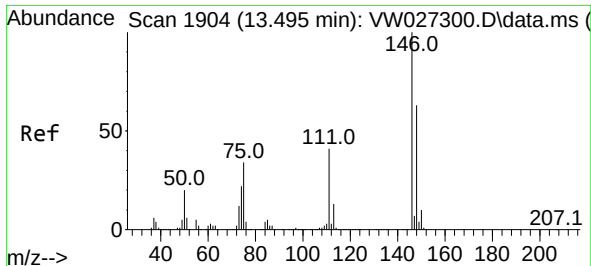
Tgt Ion:105 Resp: 722290
Ion Ratio Lower Upper
105 100
120 46.4 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 26.203 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

Tgt Ion:105 Resp: 716272
Ion Ratio Lower Upper
105 100
120 42.5 35.4 53.2

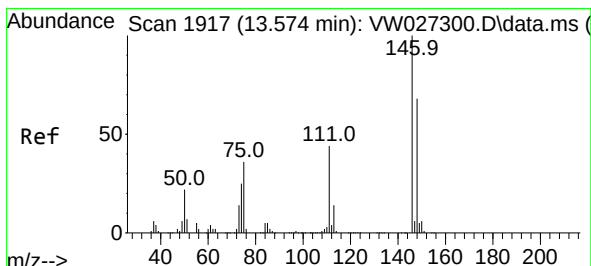
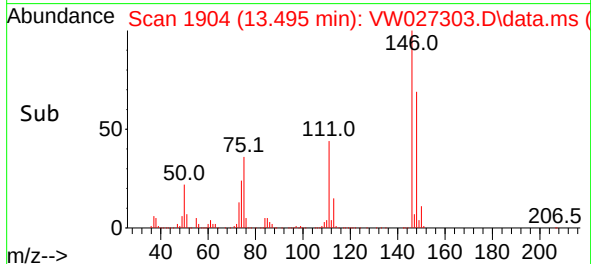
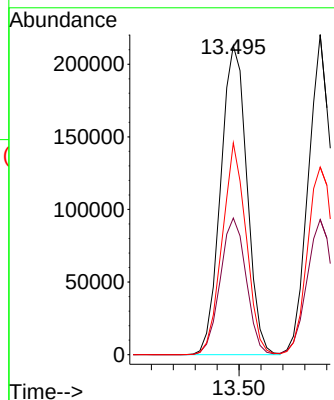
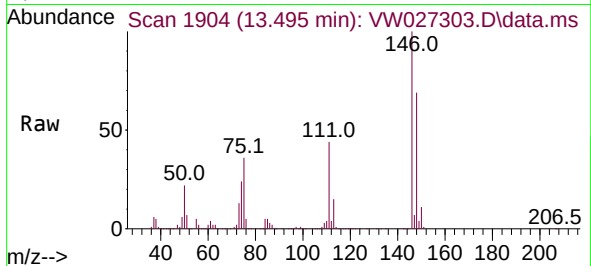




#64
1,3-Dichlorobenzene
Concen: 26.033 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

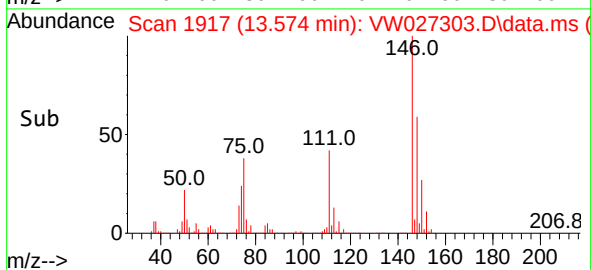
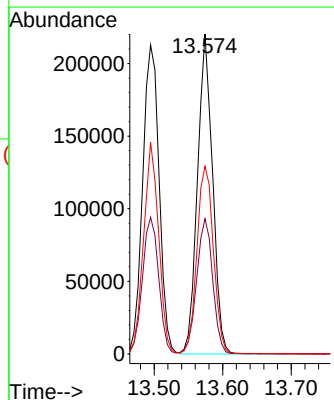
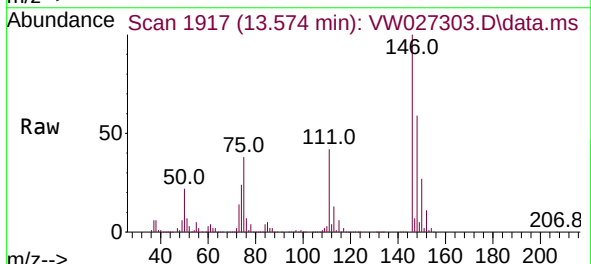
Instrument :
MSVOA_W
ClientSampleId :

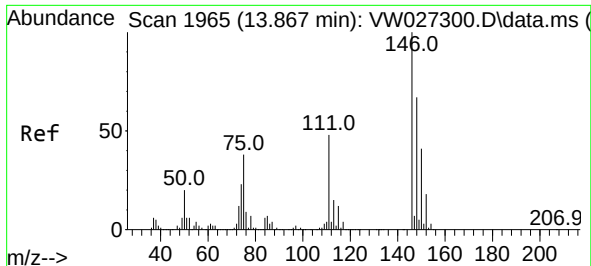
Tgt Ion:146 Resp: 353590
Ion Ratio Lower Upper
146 100
111 44.2 30.8 57.2
148 68.5 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 24.970 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027303.D
Acq: 13 Oct 2023 13:39

Tgt Ion:146 Resp: 338694
Ion Ratio Lower Upper
146 100
111 42.2 29.5 54.9
148 58.6 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 24.953 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

Instrument :

MSVOA_W

ClientSampleId :

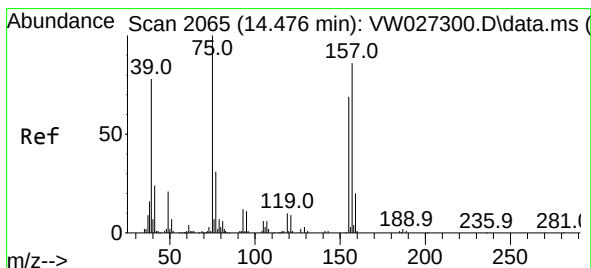
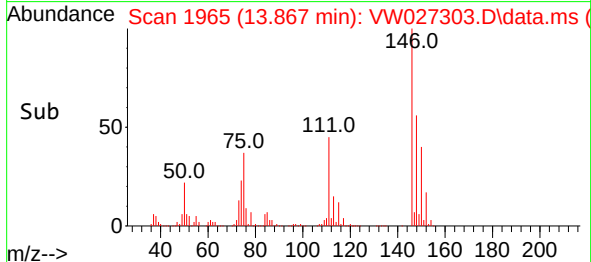
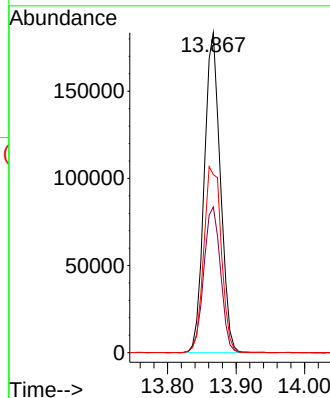
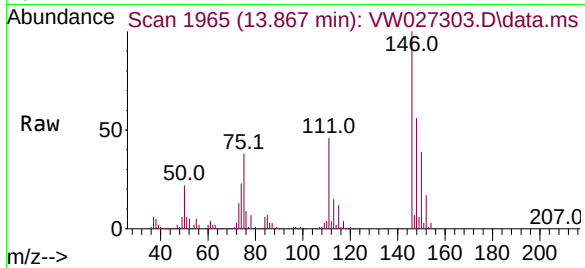
Tgt Ion:146 Resp: 300744

Ion Ratio Lower Upper

146 100

111 45.5 36.8 55.2

148 55.7 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 22.884 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

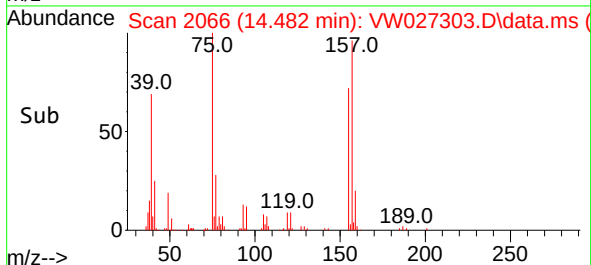
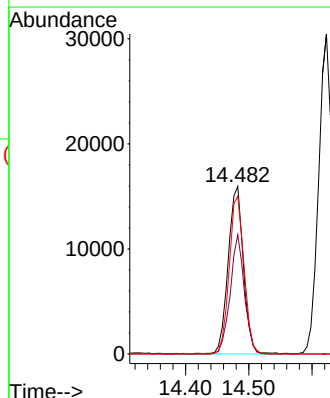
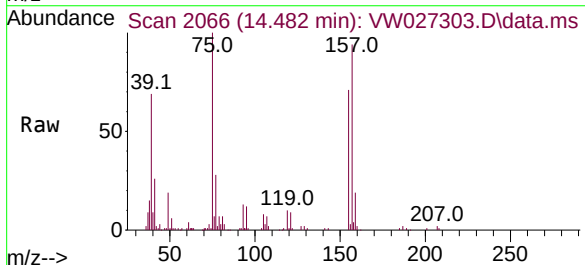
Tgt Ion: 75 Resp: 26625

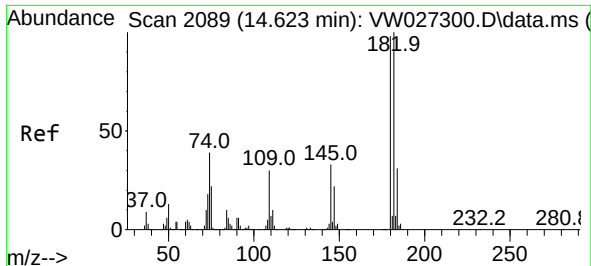
Ion Ratio Lower Upper

75 100

155 71.1 54.9 82.3

157 94.2 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 25.048 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

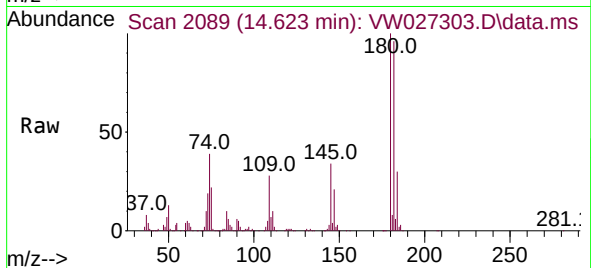
Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 220852

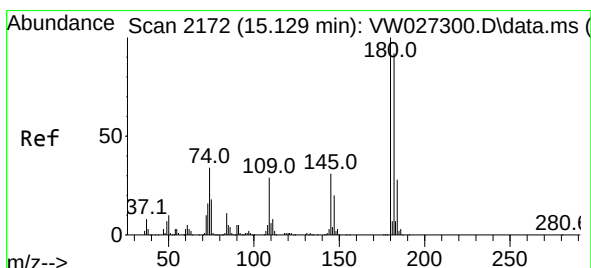
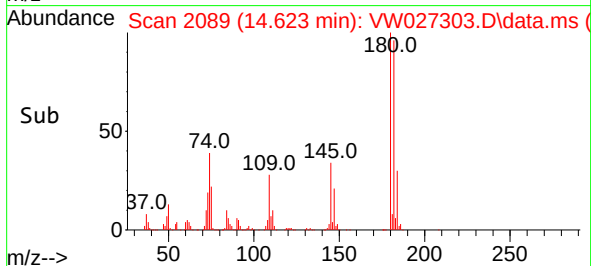
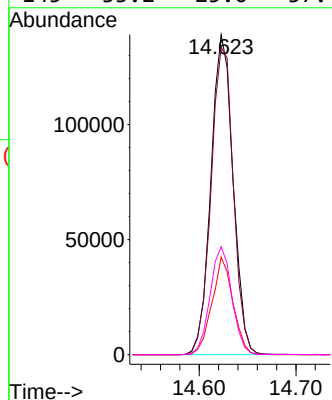
Ion Ratio Lower Upper

180 100

182 96.9 73.4 110.0

184 28.9 23.3 34.9

145 33.2 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 24.161 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

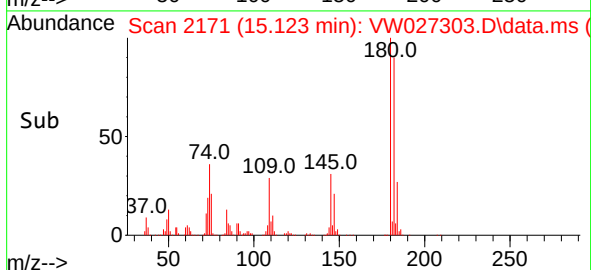
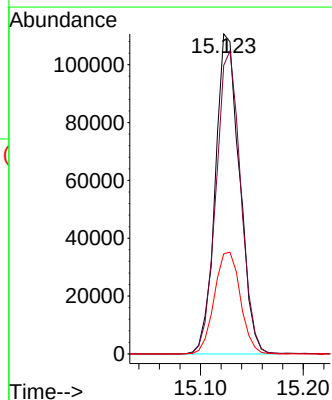
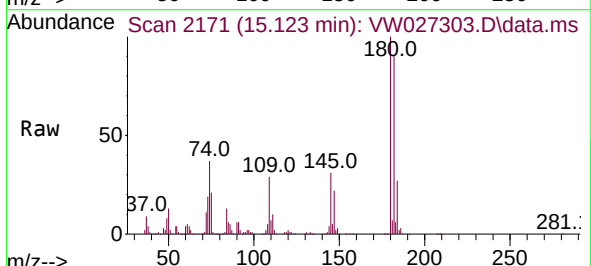
Tgt Ion:180 Resp: 181318

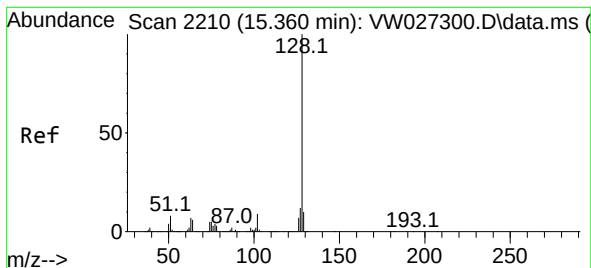
Ion Ratio Lower Upper

180 100

182 96.0 75.5 113.3

145 34.1 26.4 39.6





#71

Naphthalene

Concen: 24.284 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

Instrument :

MSVOA_W

ClientSampleId :

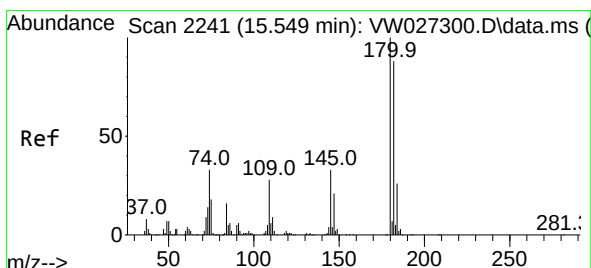
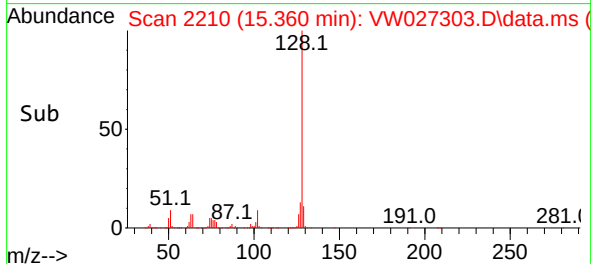
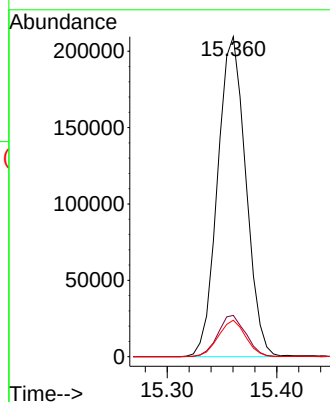
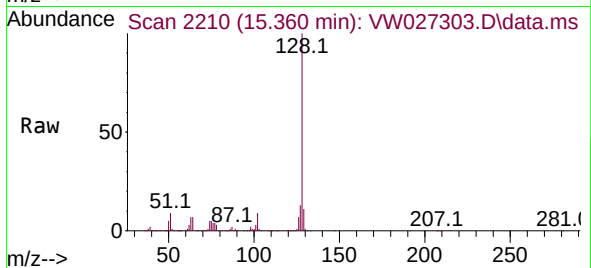
Tgt Ion:128 Resp: 374776

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.411 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027303.D

Acq: 13 Oct 2023 13:39

Tgt Ion:180 Resp: 156811

Ion Ratio Lower Upper

180 100

182 91.6 81.1 121.7

145 34.9 30.6 45.8

