

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010824\
 Data File : VW027833.D
 Acq On : 08 Jan 2024 16:14
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 09 04:19:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 09 04:13:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	334064	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	307770	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	151538	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	100508	24.651	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.600%
7) Chloroethane-d5	2.899	69	76551	21.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
11) 1,1-Dichloroethene-d2	4.021	65	43585	23.763	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.040%
21) 2-Butanone-d5	7.087	46	44623	66.184	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.360%
24) Chloroform-d	7.654	84	199786	24.732	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.920%
26) 1,2-Dichloroethane-d4	8.307	65	95815	26.180	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.720%
32) Benzene-d6	8.276	84	427320	24.463	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.840%
36) 1,2-Dichloropropane-d6	9.276	67	120920	25.022	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.080%
41) Toluene-d8	10.325	98	399189	24.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.760%
43) trans-1,3-Dichloroprop...	10.574	79	50760	27.022	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.080%
47) 2-Hexanone-d5	10.922	63	42335	66.739	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	100959	29.326	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	138485	25.997	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	75766	21.864	ug/L	99
3) Chloromethane	2.228	50	97563	22.655	ug/L	98
5) Vinyl chloride	2.375	62	110860	25.506	ug/L	100
6) Bromomethane	2.795	94	77564	22.920	ug/L	96
8) Chloroethane	2.936	64	61917	21.623	ug/L	99
9) Trichlorofluoromethane	3.271	101	115920	23.243	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	95423	23.508	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	93543	23.541	ug/L	96
13) Acetone	4.149	43	41255	47.876	ug/L	68
14) Carbon disulfide	4.393	76	281885	23.078	ug/L	98
15) Methyl Acetate	4.685	43	33871	28.893	ug/L	99
16) Methylene chloride	4.923	84	99588	20.562	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	98436	23.186	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	136923	26.396	ug/L	99
19) 1,1-Dichloroethane	6.222	63	164180	22.795	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	106442	23.051	ug/L	94
22) 2-Butanone	7.185	43	49601	59.342	ug/L	98
23) Bromochloromethane	7.514	128	48335	24.125	ug/L	98
25) Chloroform	7.679	83	168565	22.638	ug/L	93

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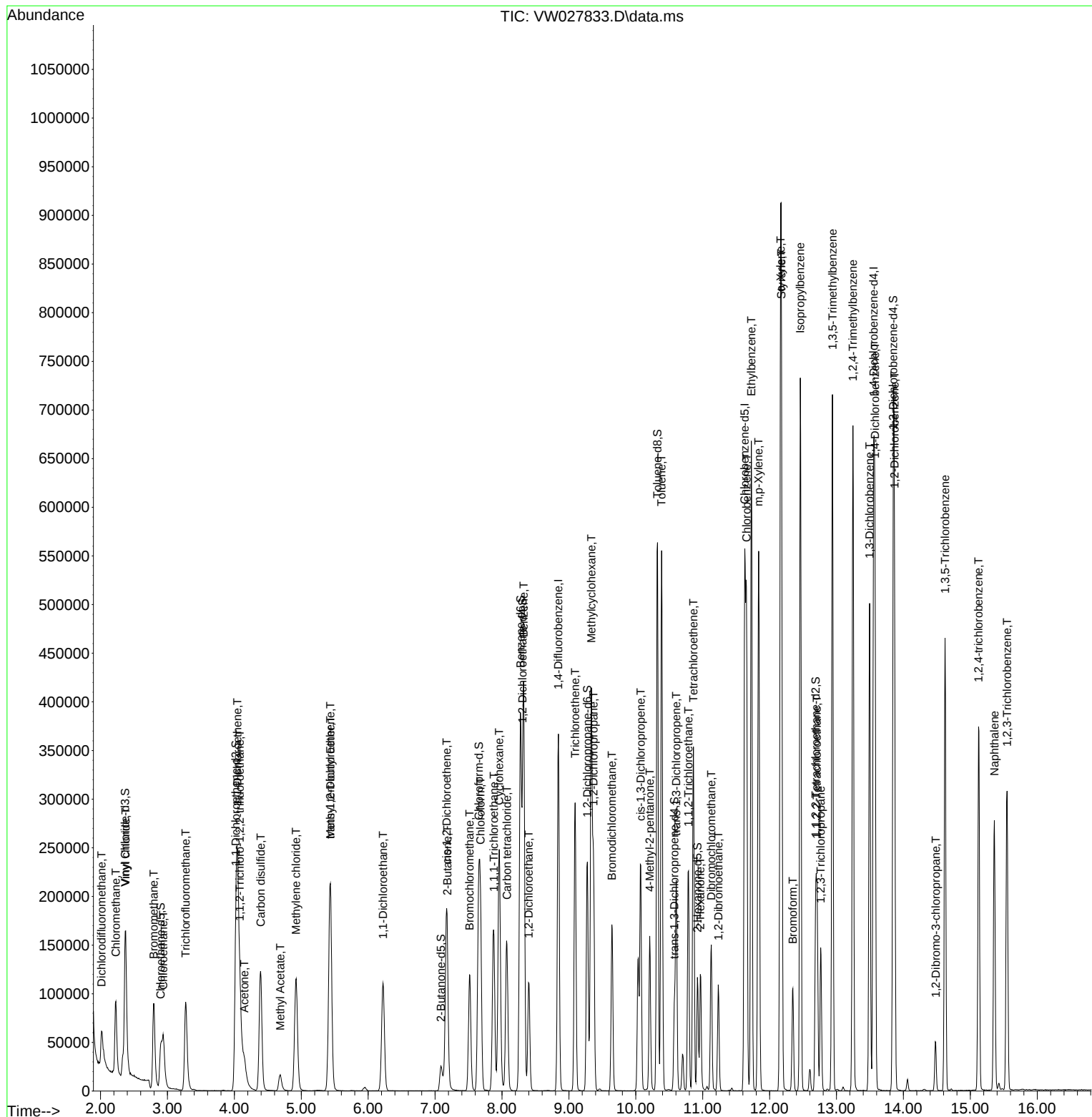
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	104109	24.737	ug/L	100
29) Cyclohexane	7.959	56	144055	23.004	ug/L	98
30) 1,1,1-Trichloroethane	7.880	97	140970	22.837	ug/L	98
31) Carbon tetrachloride	8.075	117	121931	22.771	ug/L	94
33) Benzene	8.325	78	391624	23.052	ug/L	100
34) Trichloroethene	9.093	95	106830	23.006	ug/L	99
35) Methylcyclohexane	9.337	83	182792	23.389	ug/L	98
37) 1,2-Dichloropropane	9.367	63	93799	22.919	ug/L	99
38) Bromodichloromethane	9.642	83	119805	23.411	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	152866	24.240	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	94555	59.230	ug/L	99
42) Toluene	10.385	91	431024	23.313	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	123342	25.337	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	76707	25.018	ug/L	98
46) Tetrachloroethene	10.861	164	83439	22.037	ug/L	95
48) 2-Hexanone	10.965	43	70843	61.288	ug/L	98
49) Dibromochloromethane	11.129	129	84300	25.162	ug/L	97
50) 1,2-Dibromoethane	11.233	107	73508	26.011	ug/L	96
51) Chlorobenzene	11.654	112	275575	22.573	ug/L	98
52) Ethylbenzene	11.727	91	479812	23.023	ug/L	98
53) m,p-Xylene	11.836	106	185659	22.889	ug/L	99
54) o-Xylene	12.166	106	179155	23.578	ug/L	96
55) Styrene	12.178	104	305215	23.778	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	91247	27.604	ug/L	98
59) Bromoform	12.349	173	49672	26.695	ug/L #	92
60) Isopropylbenzene	12.458	105	492736	23.915	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	62829	27.381	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	396600	23.959	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	389031	23.686	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	209453	22.160	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	216146	23.395	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	197932	24.569	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	13215	29.511	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	154768	23.782	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	132211	24.743	ug/L	96
71) Naphthalene	15.360	128	250082	28.491	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	115362	25.672	ug/L	98

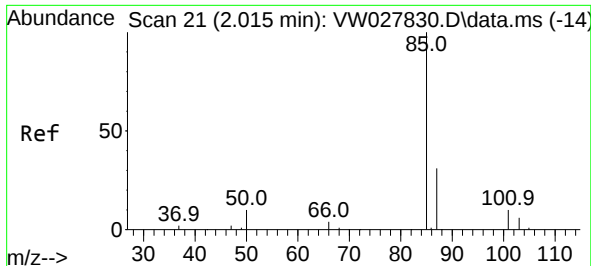
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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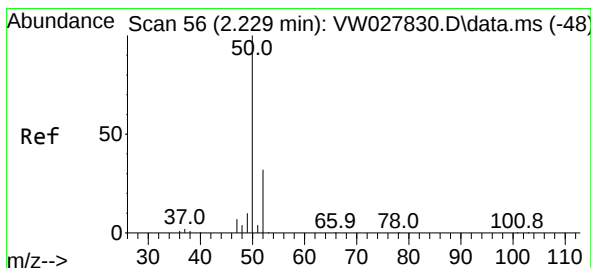
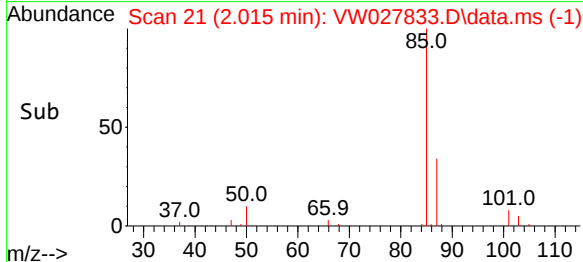
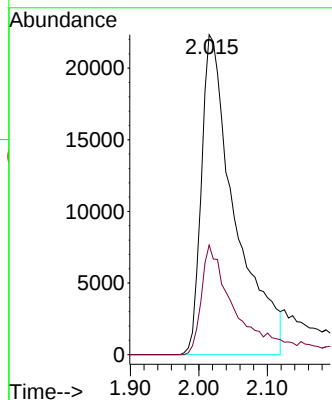
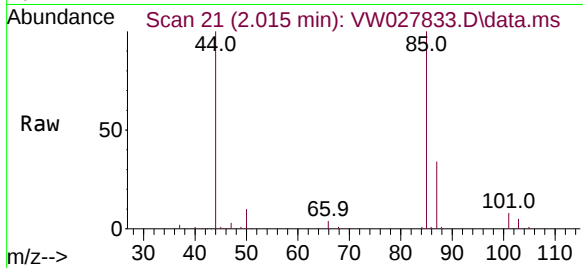




#2
 Dichlorodifluoromethane
 Concen: 21.864 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027833.D
 Acq: 08 Jan 2024 16:14

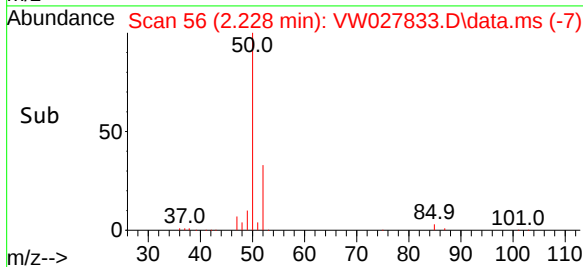
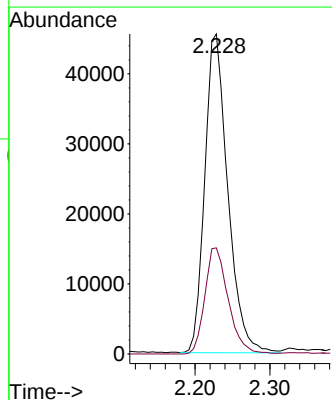
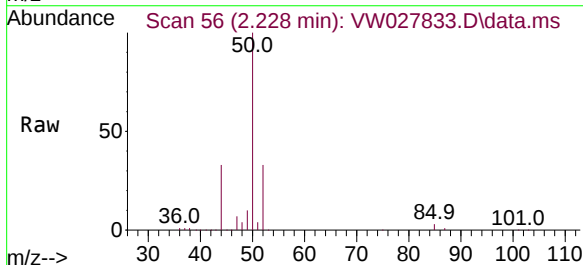
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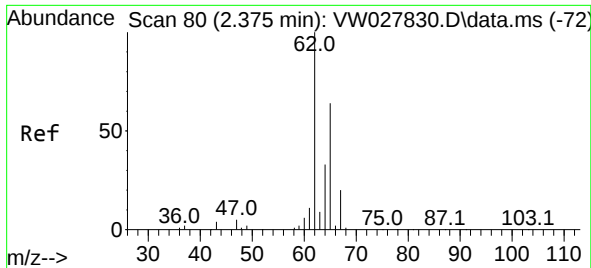
Tgt Ion: 85 Resp: 75766
 Ion Ratio Lower Upper
 85 100
 87 30.5 25.0 37.4



#3
 Chloromethane
 Concen: 22.655 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW027833.D
 Acq: 08 Jan 2024 16:14

Tgt Ion: 50 Resp: 97563
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.5 41.7

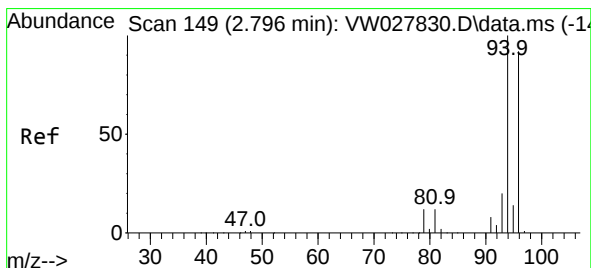
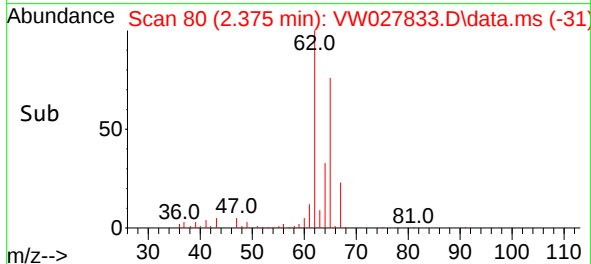
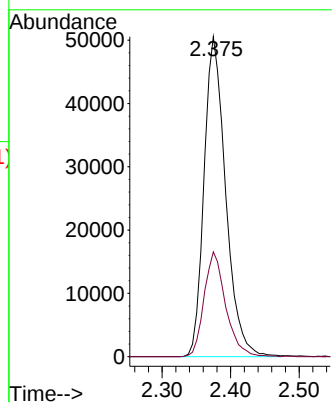
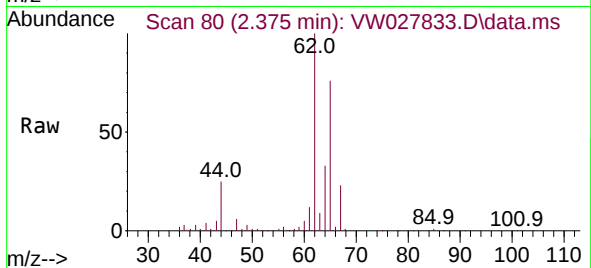




#5
 Vinyl chloride
 Concen: 25.506 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027833.D
 Acq: 08 Jan 2024 16:14

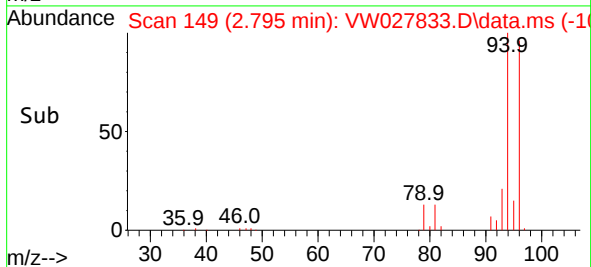
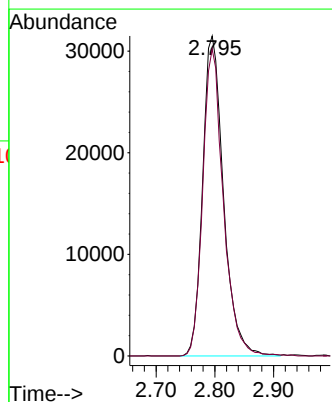
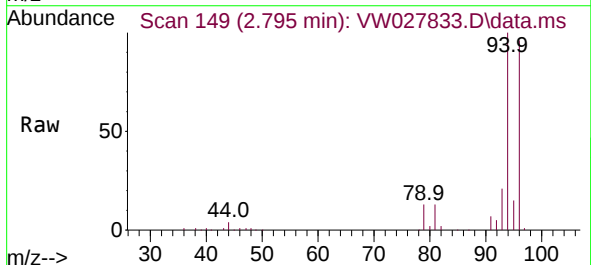
Instrument :
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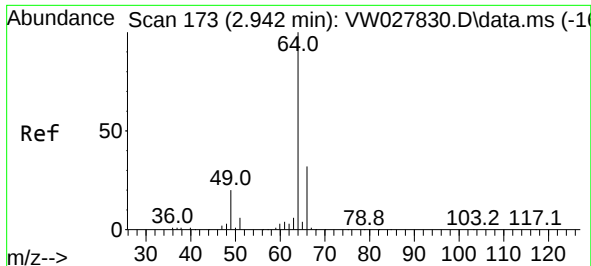
Tgt Ion: 62 Resp: 110860
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.0 42.6



#6
 Bromomethane
 Concen: 22.920 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW027833.D
 Acq: 08 Jan 2024 16:14

Tgt Ion: 94 Resp: 77564
 Ion Ratio Lower Upper
 94 100
 96 95.9 64.3 119.5

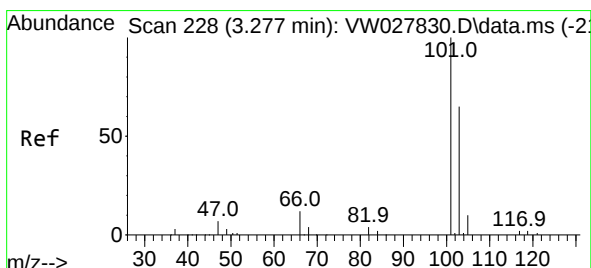
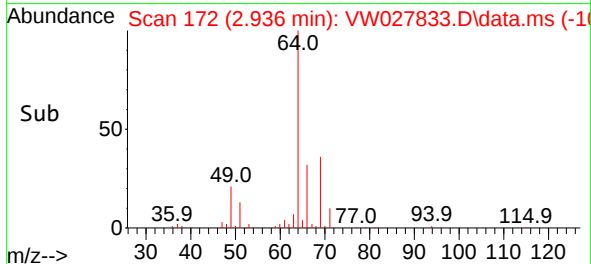
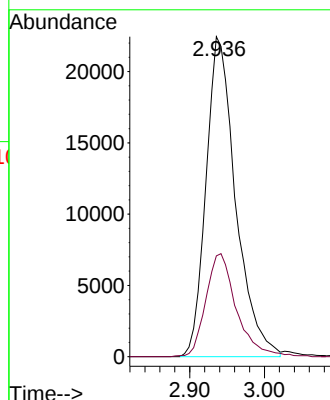
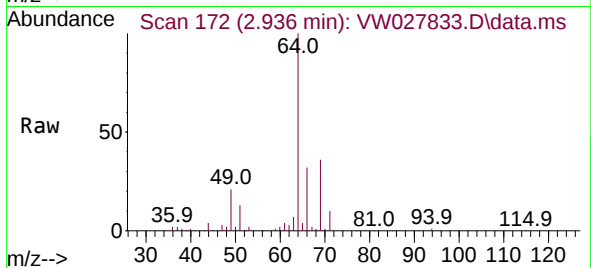




#8
Chloroethane
Concen: 21.623 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

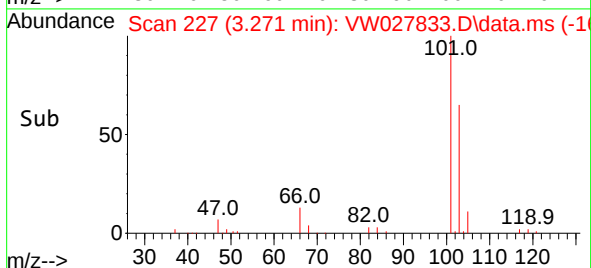
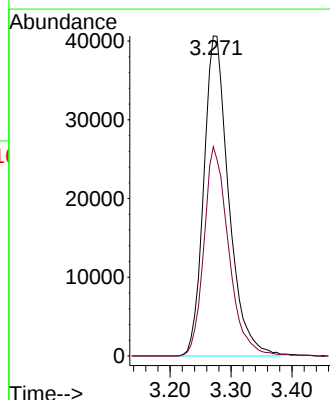
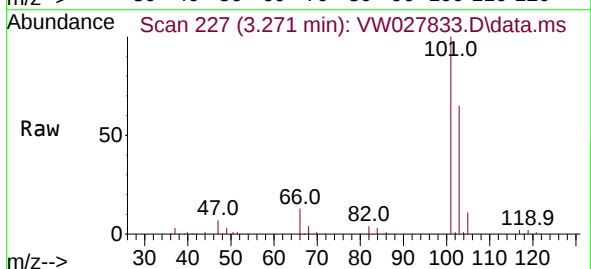
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MSVOA_W
ClientSampleId :

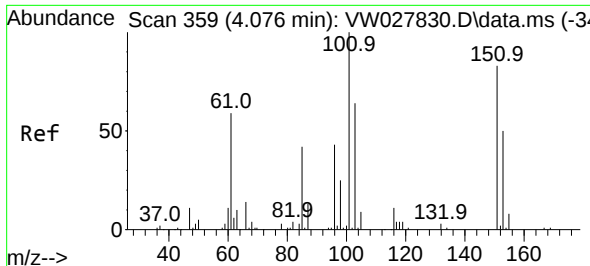
Tgt Ion: 64 Resp: 61917
Ion Ratio Lower Upper
64 100
66 31.5 22.6 42.0



#9
Trichlorofluoromethane
Concen: 23.243 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

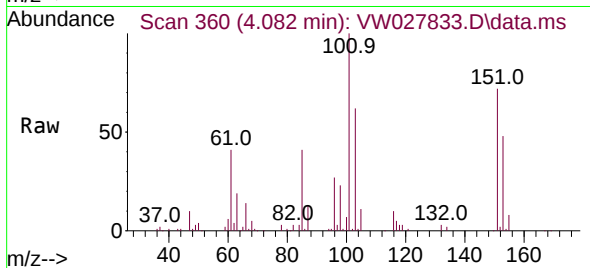
Tgt Ion:101 Resp: 115920
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3



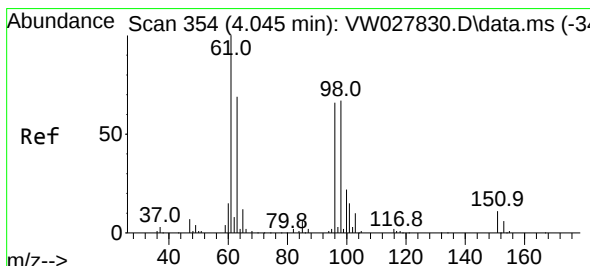
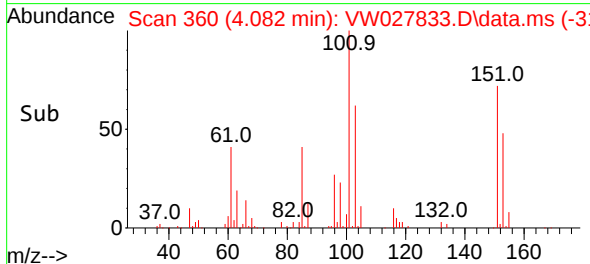
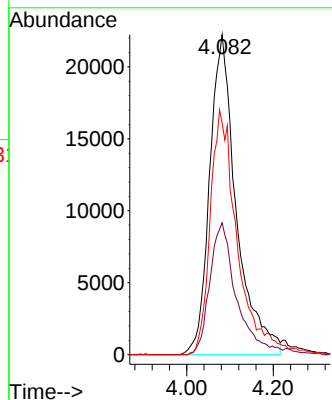


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.508 ug/L
RT: 4.082 min Scan# 359
Delta R.T. 0.006 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Instrument :
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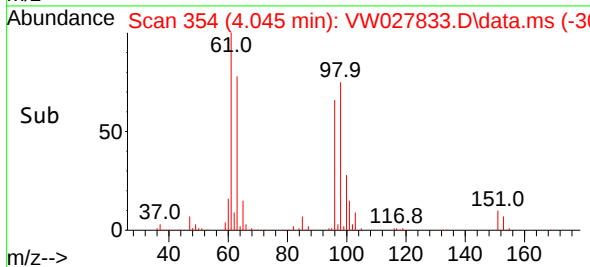
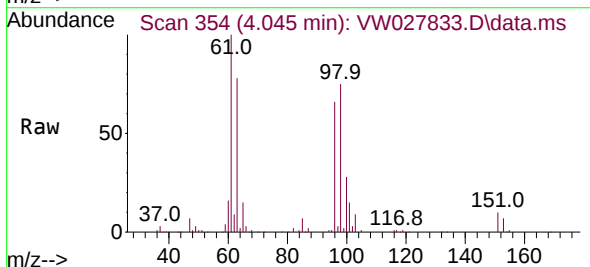
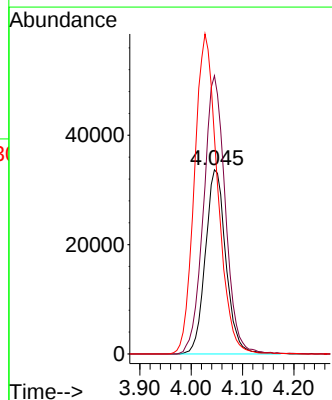


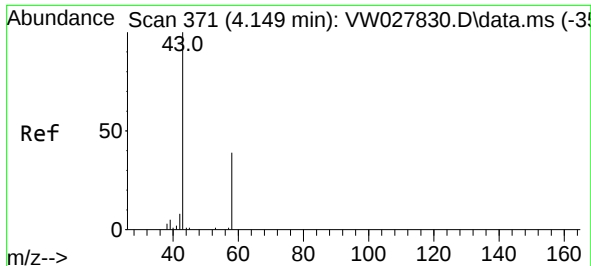
Tgt Ion:101 Resp: 95423
Ion Ratio Lower Upper
101 100
85 40.1 32.6 48.8
151 41.6 60.6 91.0#



#12
1,1-Dichloroethene
Concen: 23.541 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Tgt Ion: 96 Resp: 93543
Ion Ratio Lower Upper
96 100
61 151.1 105.7 196.3
63 117.7 76.0 141.2

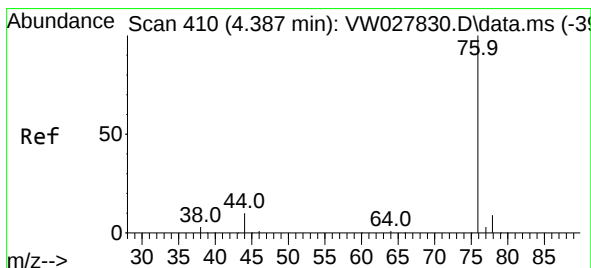
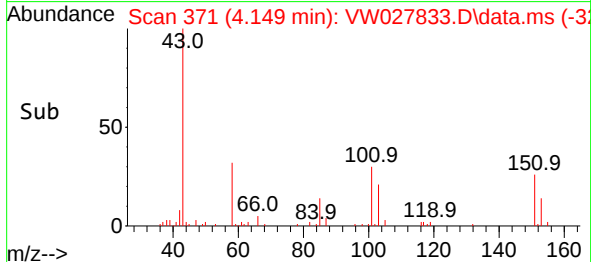
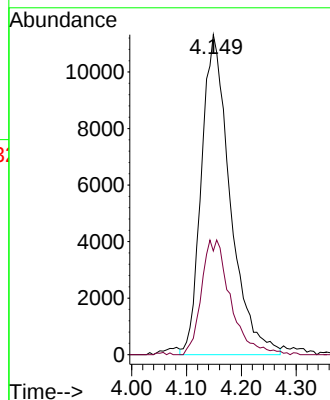
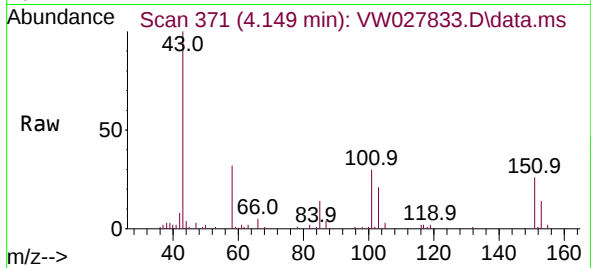




#13
Acetone
Concen: 47.876 ug/L
RT: 4.149 min Scan# 371
Delta R.T. -0.000 min
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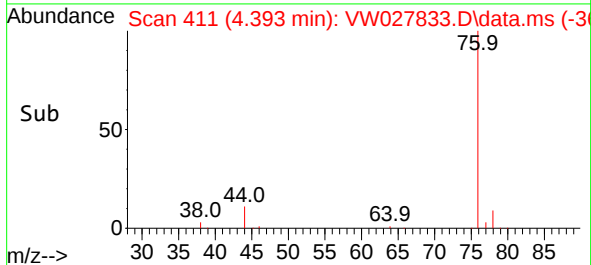
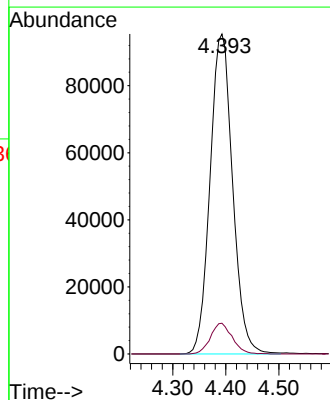
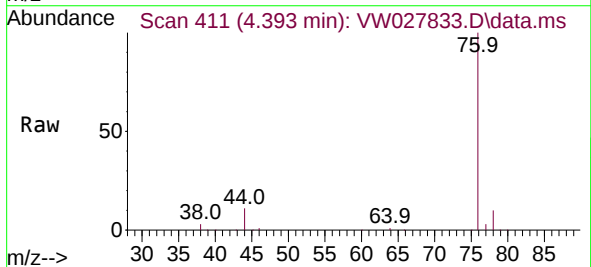
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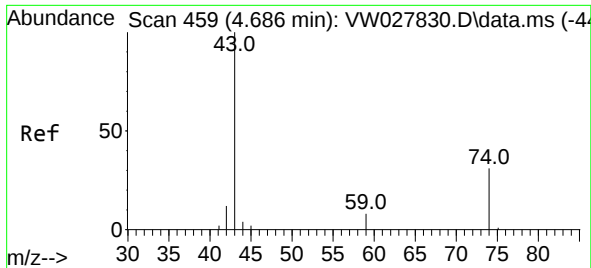
Tgt Ion: 43 Resp: 41255
Ion Ratio Lower Upper
43 100
58 16.2 0.0 70.2



#14
Carbon disulfide
Concen: 23.078 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Tgt Ion: 76 Resp: 281885
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

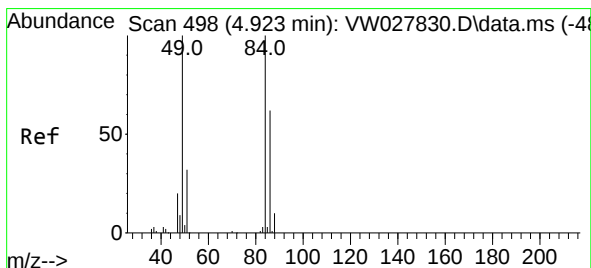
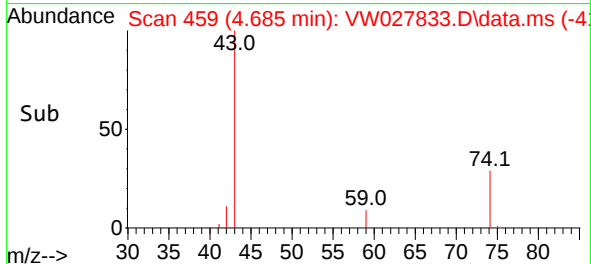
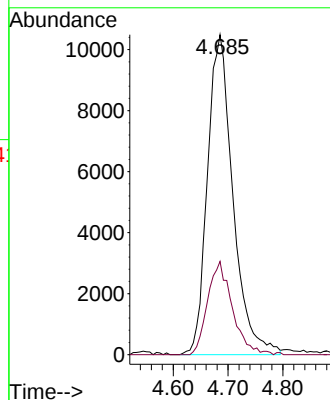
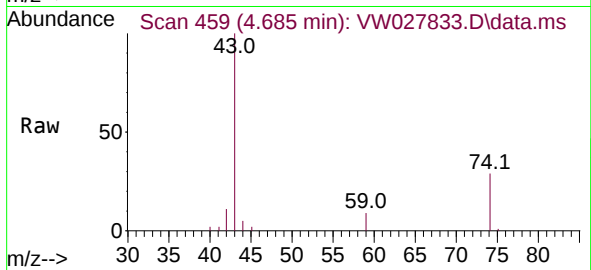




#15
Methyl Acetate
Concen: 28.893 ug/L
RT: 4.685 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

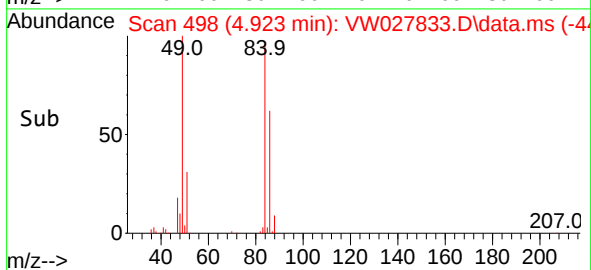
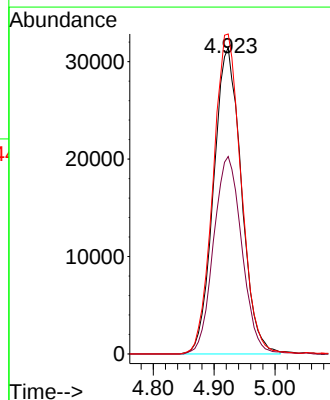
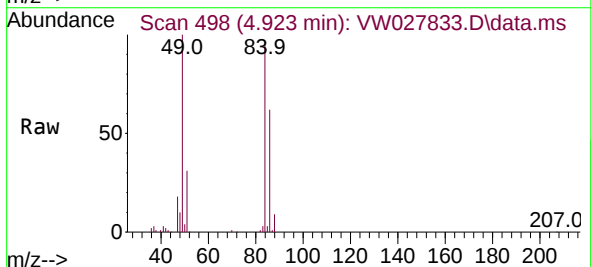
Instrument :
MSVOA_W
ClientSampleId :

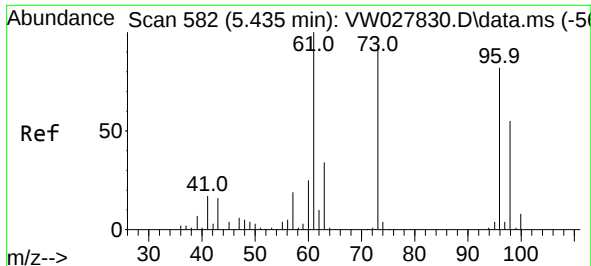
Tgt Ion: 43 Resp: 33871
Ion Ratio Lower Upper
43 100
74 27.9 21.9 32.9



#16
Methylene chloride
Concen: 20.562 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Tgt Ion: 84 Resp: 99588
Ion Ratio Lower Upper
84 100
86 64.4 43.5 80.9
49 104.4 70.3 130.5





#17

trans-1,2-Dichloroethene

Concen: 23.186 ug/L

RT: 5.435 min Scan# 582

Delta R.T. -0.000 min

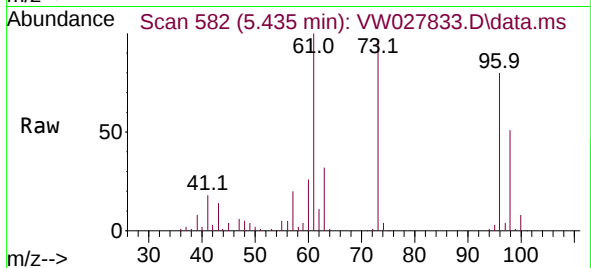
Lab File: VW027833.D

Acq: 08 Jan 2024 16:14

Instrument :

MSVOA_W

ClientSampleId :



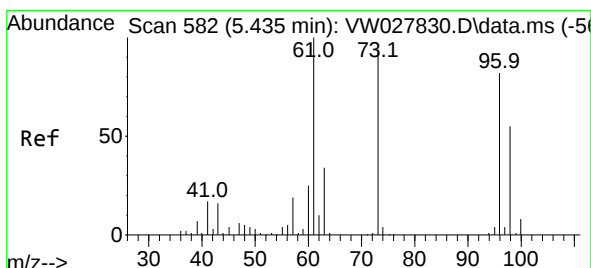
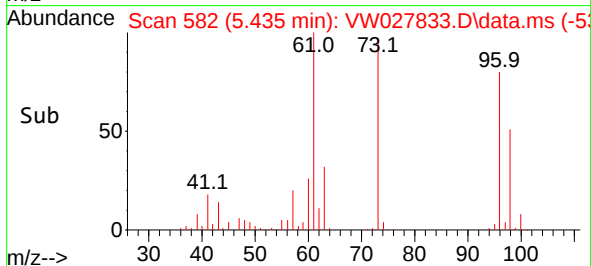
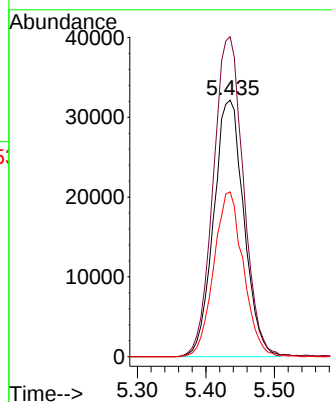
Tgt Ion: 96 Resp: 98436

Ion Ratio Lower Upper

96 100

61 124.8 85.0 157.8

98 64.3 46.3 86.1



#18

Methyl tert-butyl Ether

Concen: 26.396 ug/L

RT: 5.435 min Scan# 582

Delta R.T. -0.000 min

Lab File: VW027833.D

Acq: 08 Jan 2024 16:14

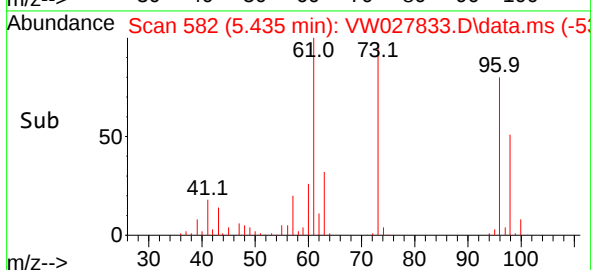
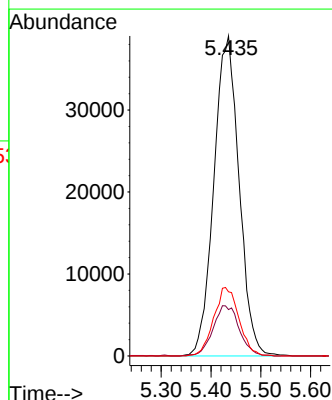
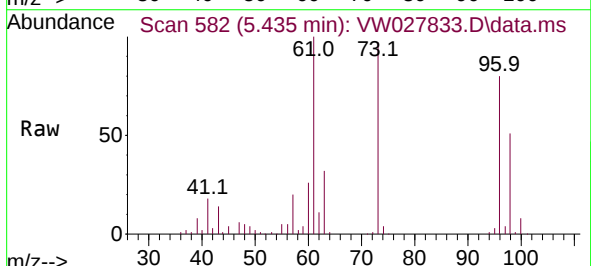
Tgt Ion: 73 Resp: 136923

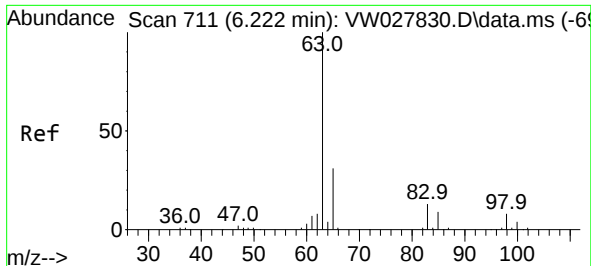
Ion Ratio Lower Upper

73 100

43 16.4 13.5 20.3

57 21.4 16.9 25.3

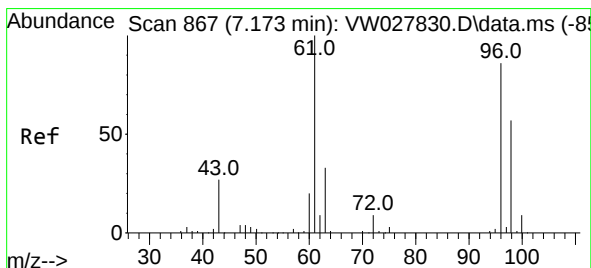
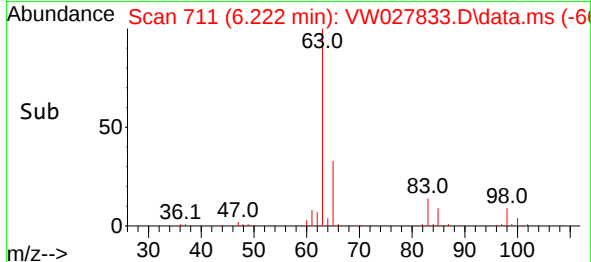
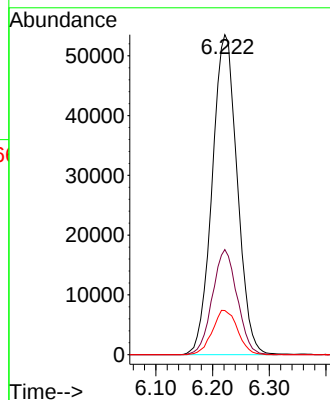
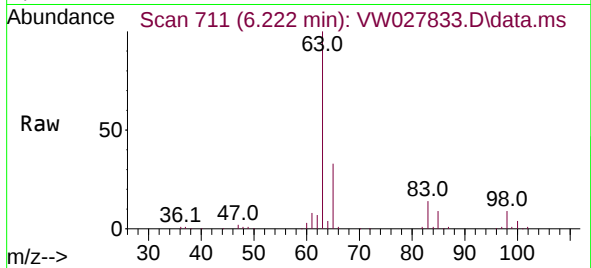




#19
 1,1-Dichloroethane
 Concen: 22.795 ug/L
 RT: 6.222 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VW027833.D
 Acq: 08 Jan 2024 16:14

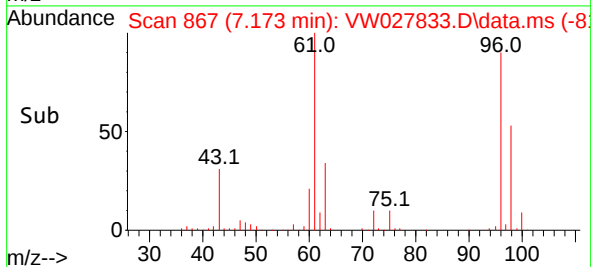
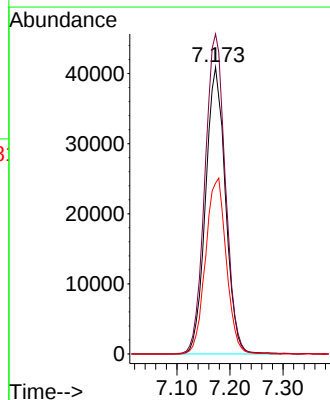
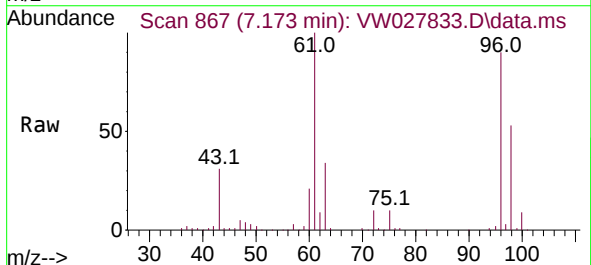
Instrument :
 MSVOA_W
 ClientSampleId :

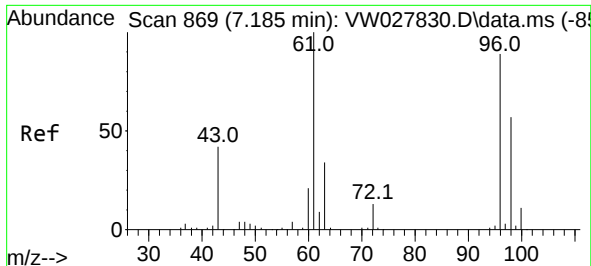
Tgt Ion: 63 Resp: 164180
 Ion Ratio Lower Upper
 63 100
 65 32.8 21.5 39.9
 83 13.8 9.2 17.0



#20
 cis-1,2-Dichloroethene
 Concen: 23.051 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. -0.000 min
 Lab File: VW027833.D
 Acq: 08 Jan 2024 16:14

Tgt Ion: 96 Resp: 106442
 Ion Ratio Lower Upper
 96 100
 61 111.6 81.1 150.7
 98 59.6 46.5 86.5

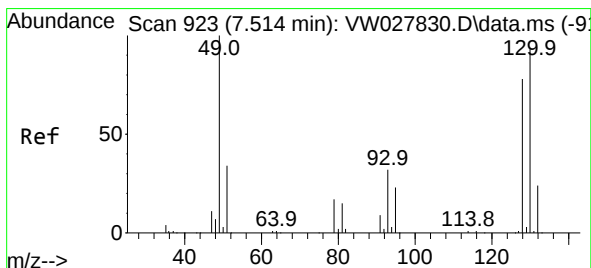
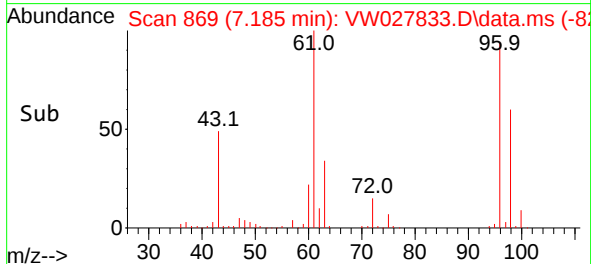
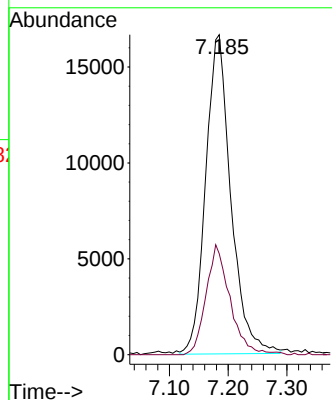
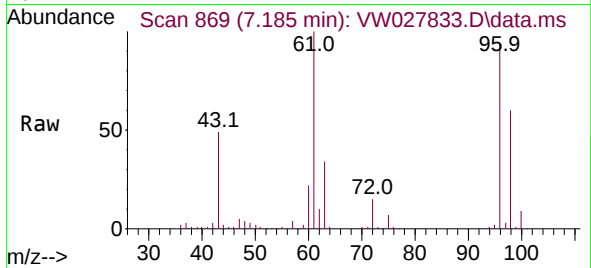




#22
2-Butanone
Concen: 59.342 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

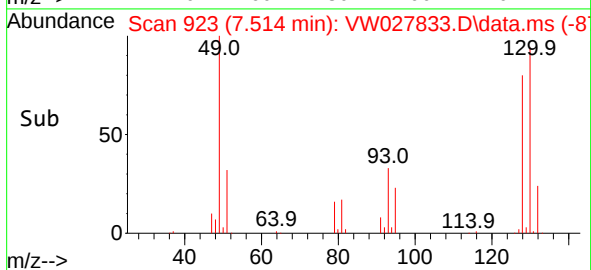
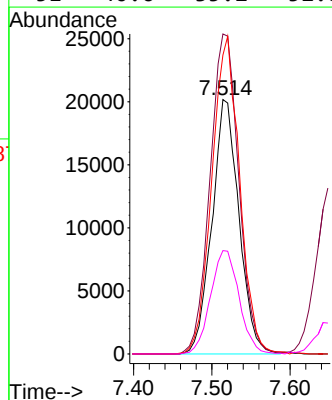
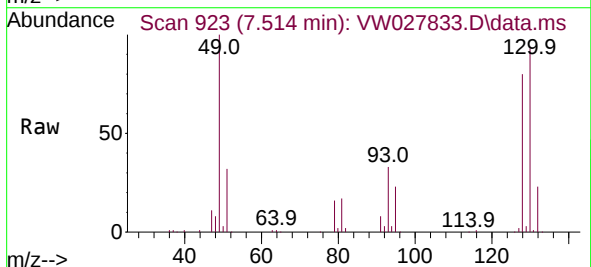
Instrument :
MSVOA_W
ClientSampleId :

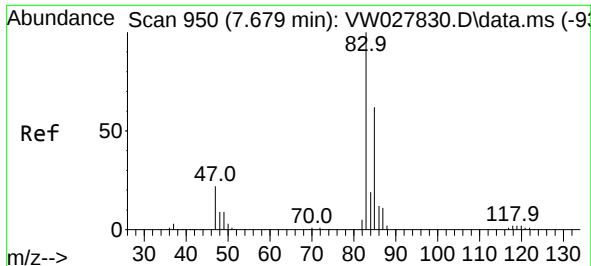
Tgt Ion: 43 Resp: 49601
Ion Ratio Lower Upper
43 100
72 32.2 16.7 50.1



#23
Bromochloromethane
Concen: 24.125 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Tgt Ion: 128 Resp: 48335
Ion Ratio Lower Upper
128 100
49 125.8 89.9 166.9
130 117.5 83.3 154.7
51 40.6 35.2 52.8

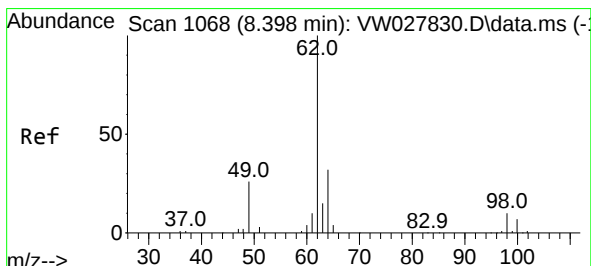
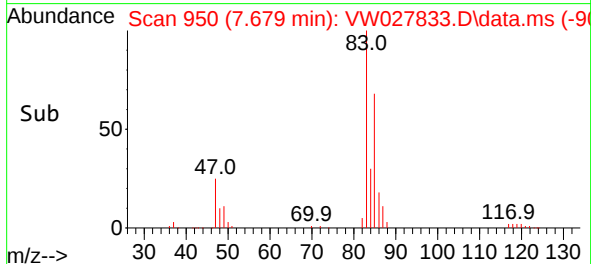
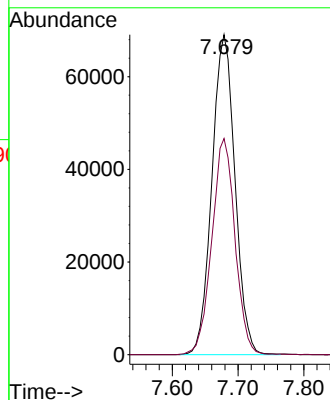
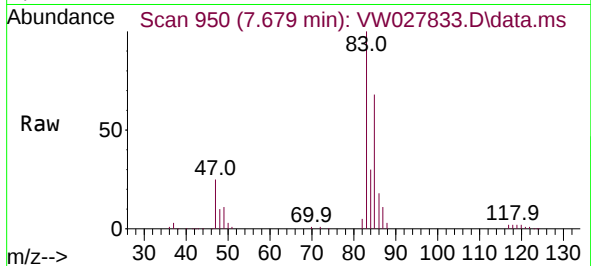




#25
Chloroform
Concen: 22.638 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

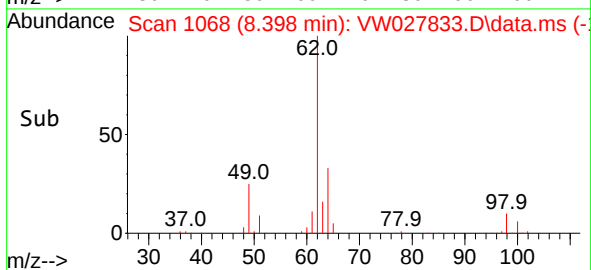
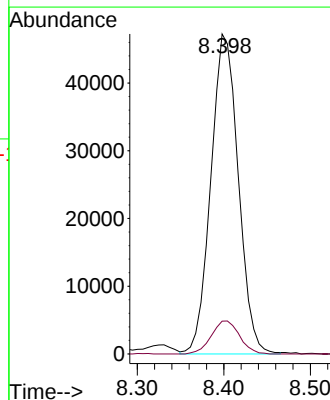
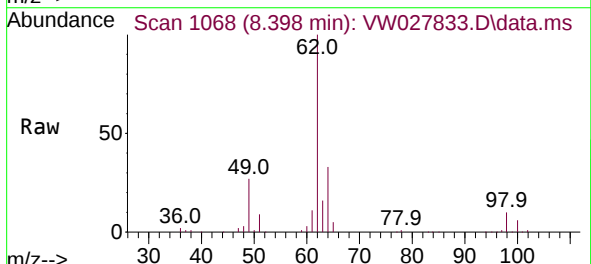
Instrument :
MSVOA_W
ClientSampleId :

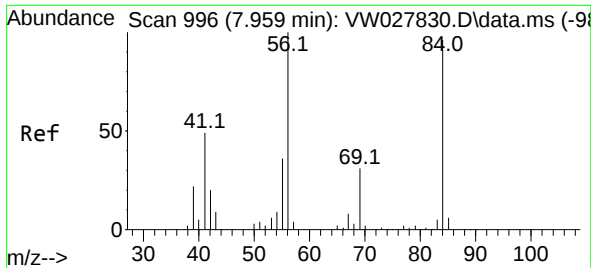
Tgt Ion: 83 Resp: 168565
Ion Ratio Lower Upper
83 100
85 67.6 43.7 81.1



#27
1,2-Dichloroethane
Concen: 24.737 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

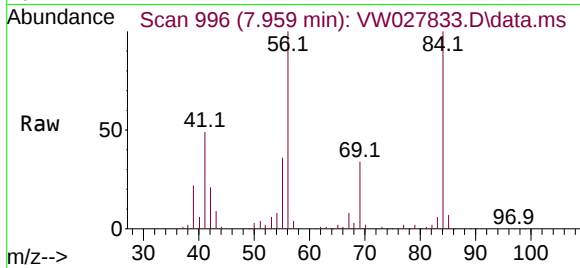
Tgt Ion: 62 Resp: 104109
Ion Ratio Lower Upper
62 100
98 10.2 8.1 12.1



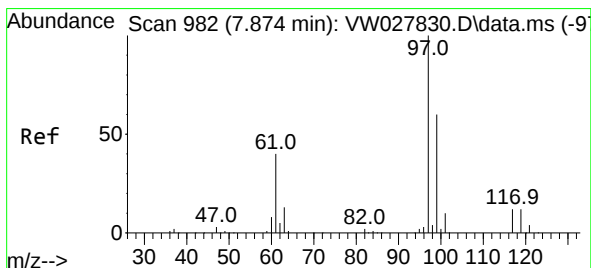
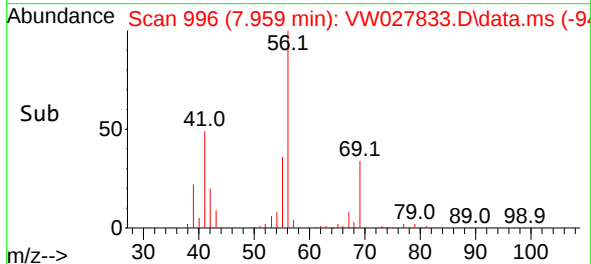
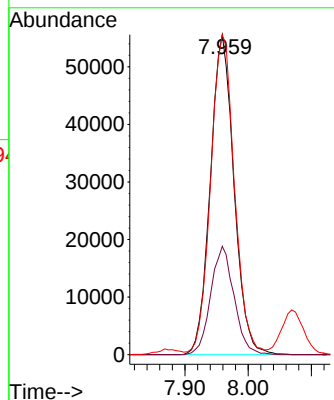


#29
Cyclohexane
Concen: 23.004 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Instrument :
MSVOA_W
ClientSampleId :

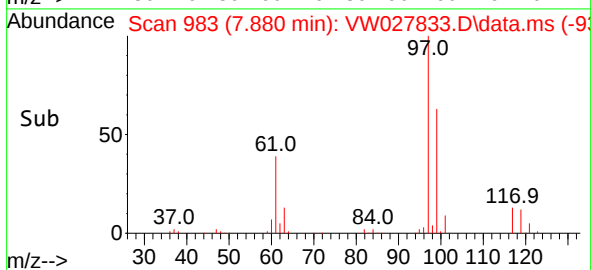
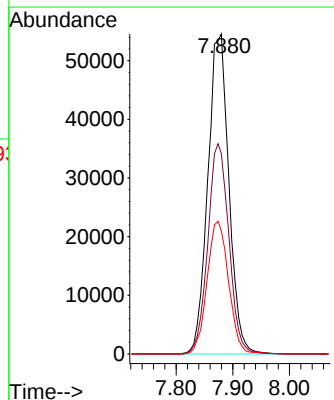
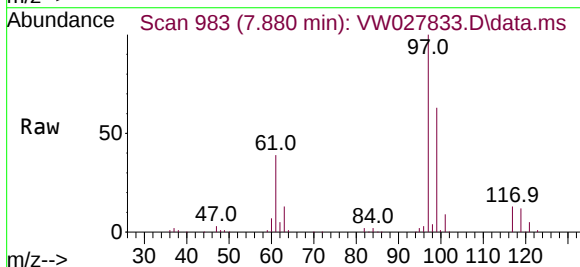


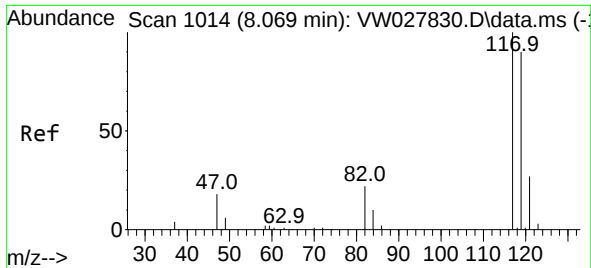
Tgt Ion:	56	Resp:	144055
Ion	Ratio	Lower	Upper
56	100		
69	33.4	25.8	38.6
84	100.8	79.0	118.4



#30
1,1,1-Trichloroethane
Concen: 22.837 ug/L
RT: 7.880 min Scan# 983
Delta R.T. 0.006 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Tgt Ion:	97	Resp:	140970
Ion	Ratio	Lower	Upper
97	100		
99	65.5	50.6	75.8
61	42.1	33.6	50.4

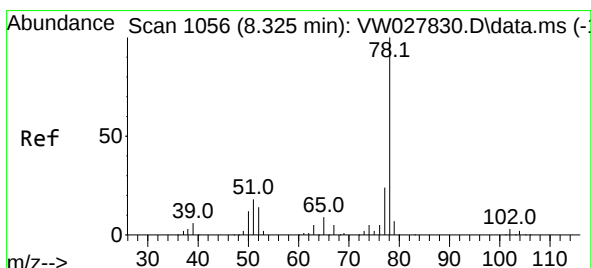
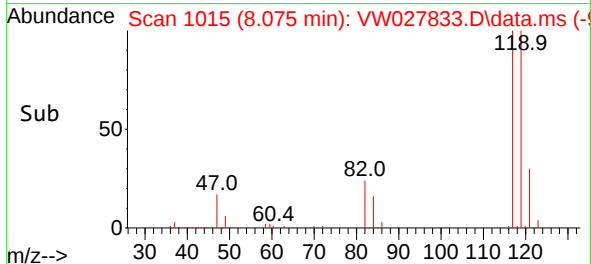
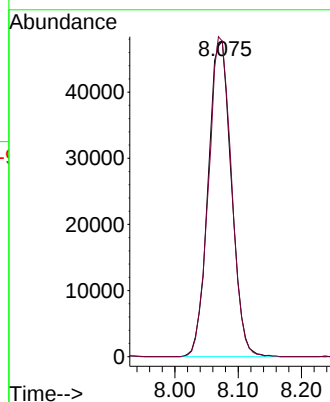
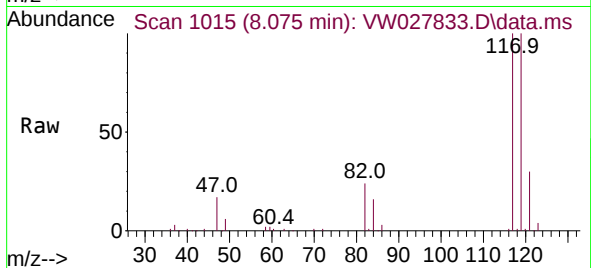




#31
Carbon tetrachloride
Concen: 22.771 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

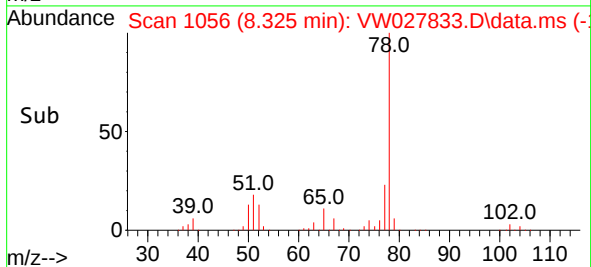
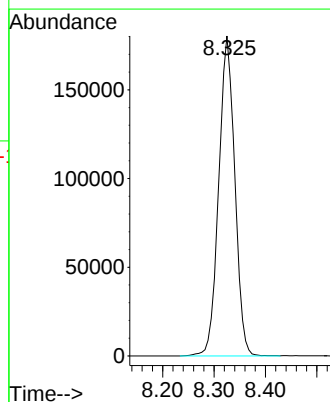
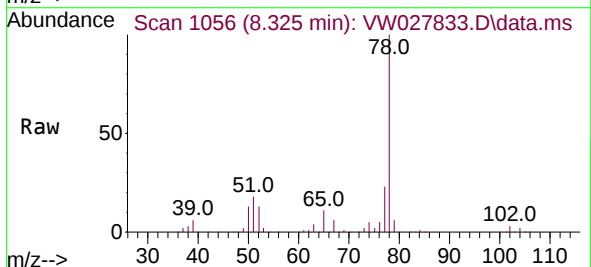
Instrument :
MSVOA_W
ClientSampleId :

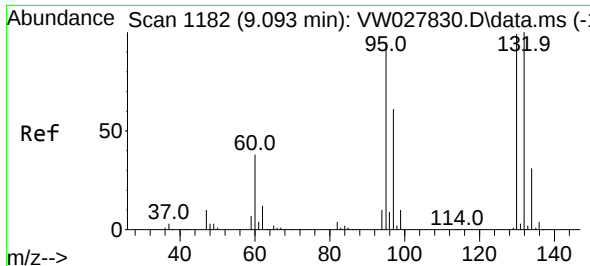
Tgt Ion:117 Resp: 121931
Ion Ratio Lower Upper
117 100
119 99.6 74.8 112.2



#33
Benzene
Concen: 23.052 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Tgt Ion: 78 Resp: 391624





#34

Trichloroethene

Concen: 23.006 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

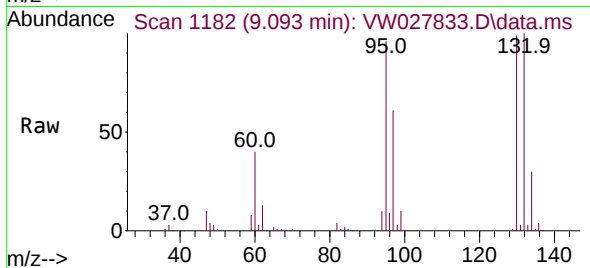
Lab File: VW027833.D

Acq: 08 Jan 2024 16:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 106830

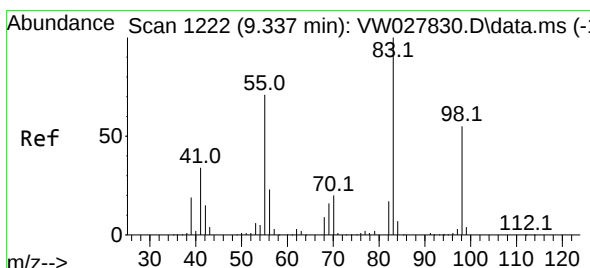
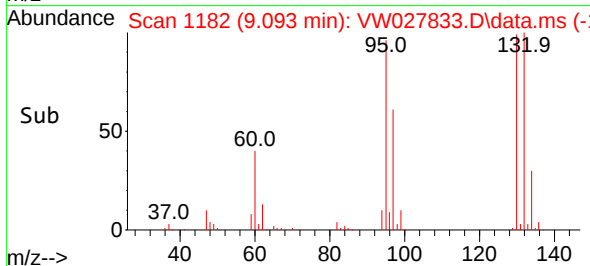
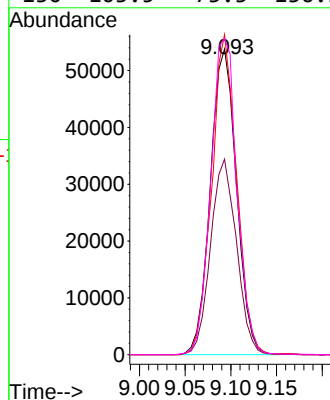
Ion Ratio Lower Upper

95 100

97 64.0 45.1 83.9

132 104.7 74.1 137.5

130 103.5 73.3 136.1



#35

Methylcyclohexane

Concen: 23.389 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027833.D

Acq: 08 Jan 2024 16:14

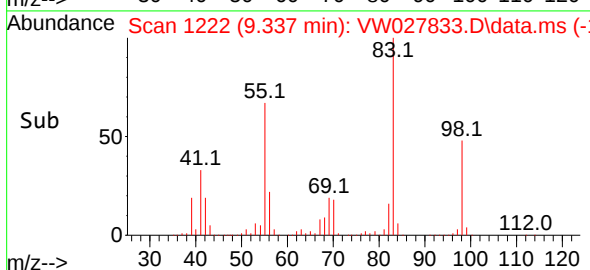
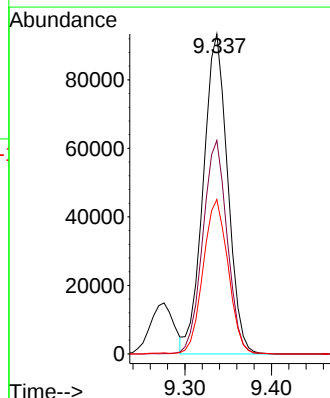
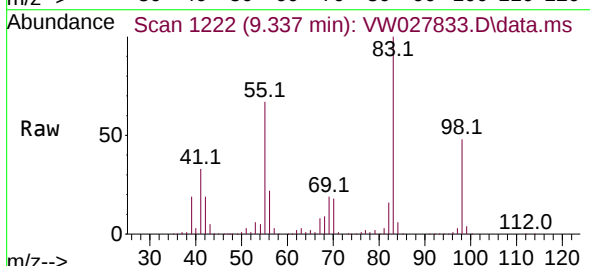
Tgt Ion: 83 Resp: 182792

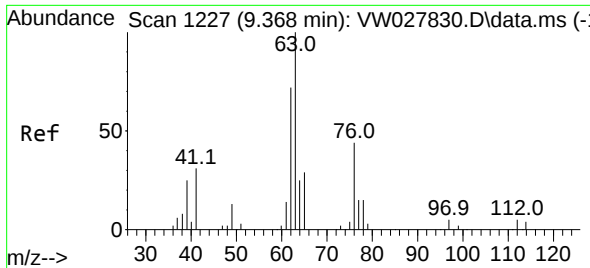
Ion Ratio Lower Upper

83 100

55 66.7 54.7 82.1

98 49.5 41.0 61.4

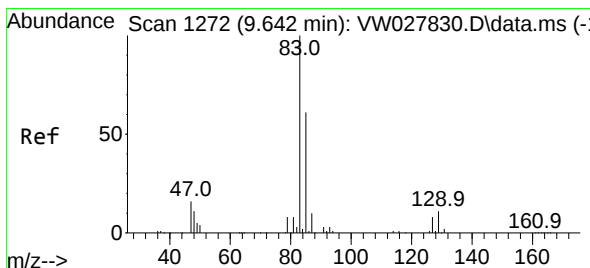
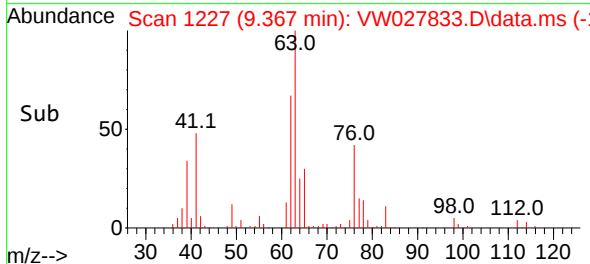
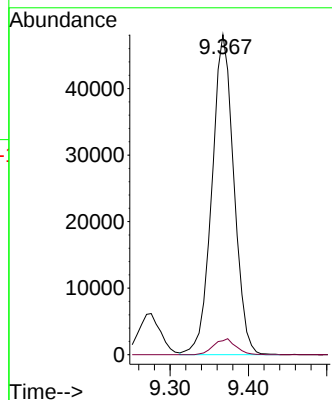
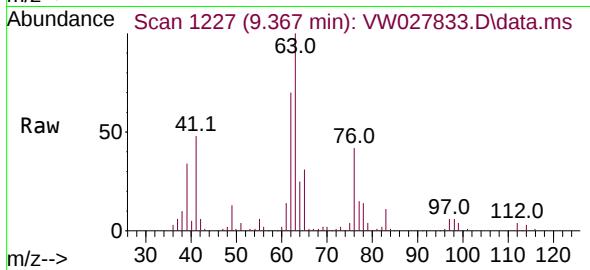




#37
1,2-Dichloropropane
Concen: 22.919 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

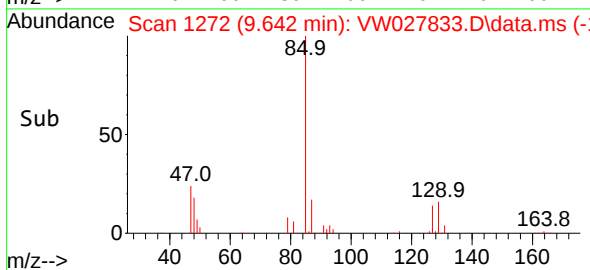
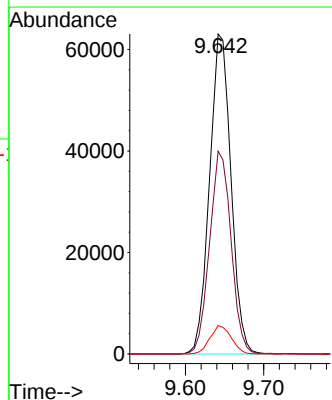
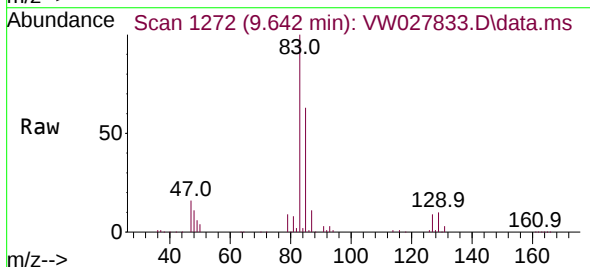
Instrument :
MSVOA_W
ClientSampleId :

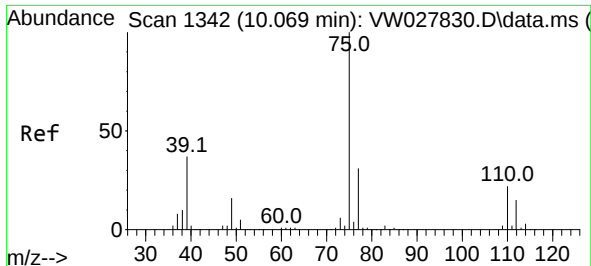
Tgt Ion: 63 Resp: 93799
Ion Ratio Lower Upper
63 100
112 5.0 4.2 6.2



#38
Bromodichloromethane
Concen: 23.411 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Tgt Ion: 83 Resp: 119805
Ion Ratio Lower Upper
83 100
85 63.3 43.0 79.8
127 8.9 6.3 9.5

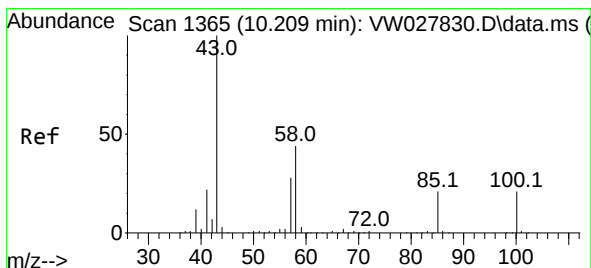
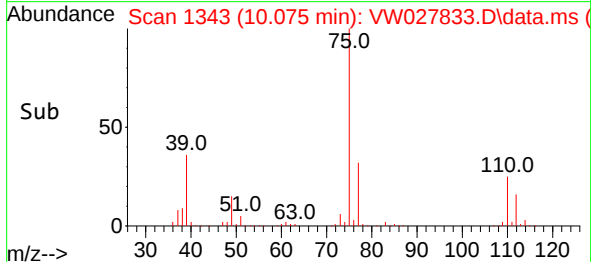
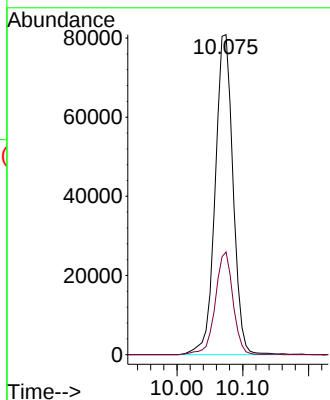
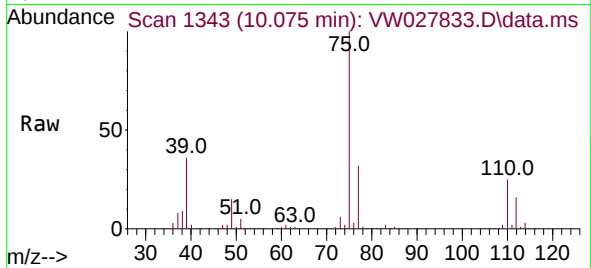




#39
 cis-1,3-Dichloropropene
 Concen: 24.240 ug/L
 RT: 10.075 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW027833.D
 Acq: 08 Jan 2024 16:14

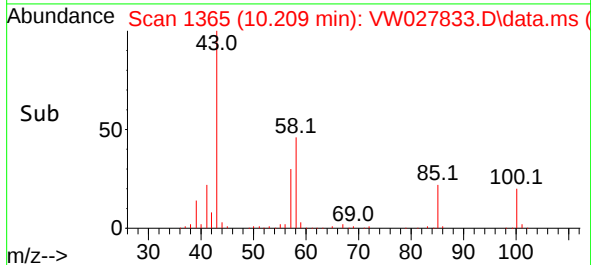
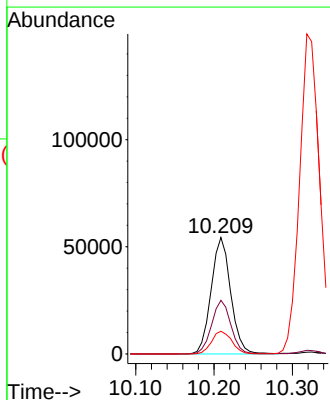
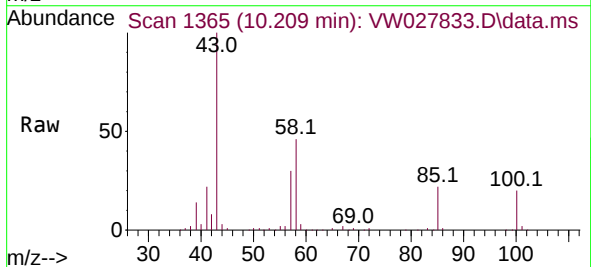
Instrument :
 MSVOA_W
 ClientSampleId :

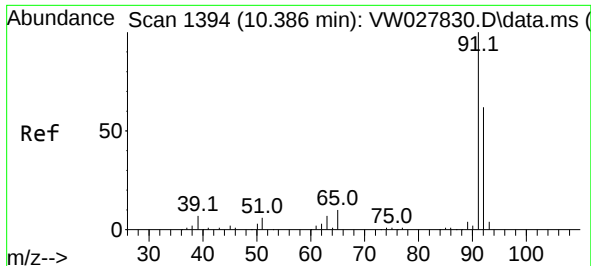
Tgt Ion: 75 Resp: 152866
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 59.230 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW027833.D
 Acq: 08 Jan 2024 16:14

Tgt Ion: 43 Resp: 94555
 Ion Ratio Lower Upper
 43 100
 58 45.3 36.9 55.3
 100 20.1 16.7 25.1





#42

Toluene

Concen: 23.313 ug/L

RT: 10.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027833.D

Acq: 08 Jan 2024 16:14

Instrument :

MSVOA_W

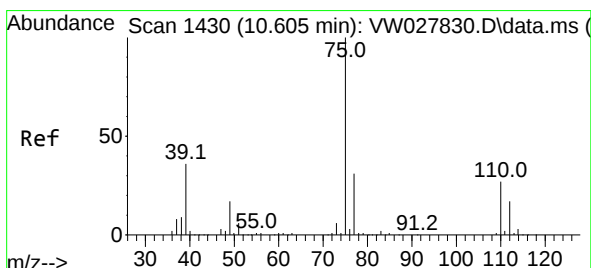
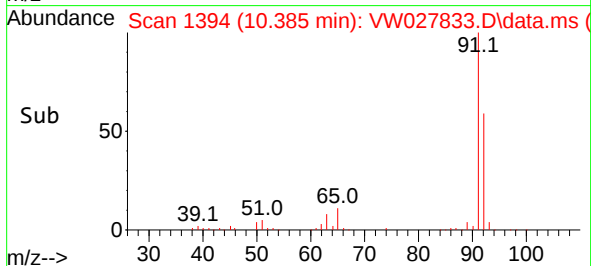
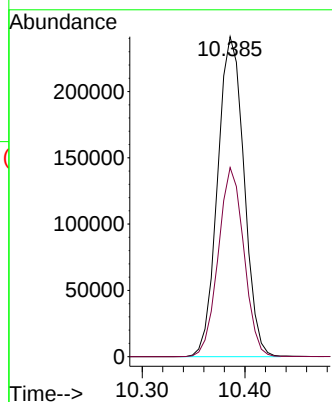
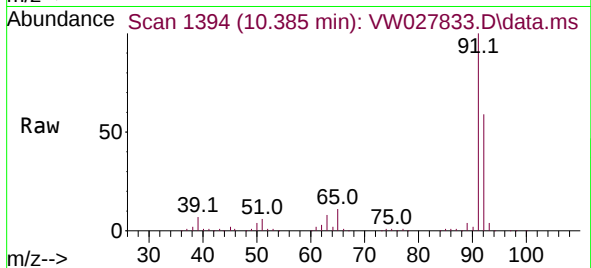
ClientSampleId :

Tgt Ion: 91 Resp: 431024

Ion Ratio Lower Upper

91 100

92 59.1 43.5 80.7



#44

trans-1,3-Dichloropropene

Concen: 25.337 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027833.D

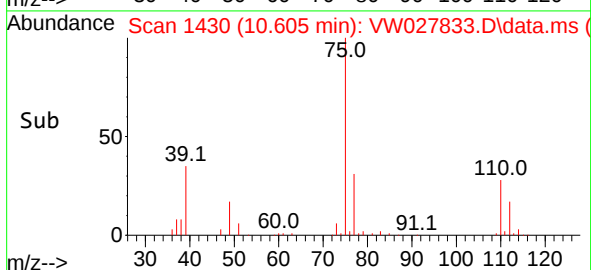
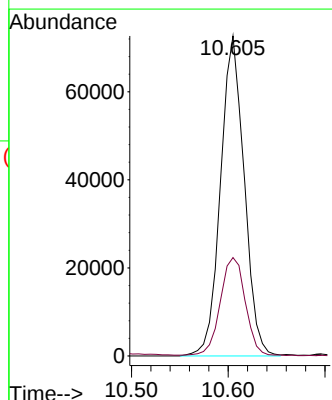
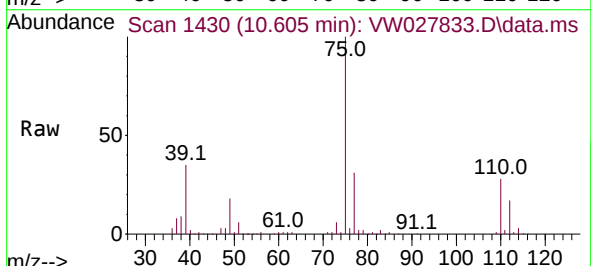
Acq: 08 Jan 2024 16:14

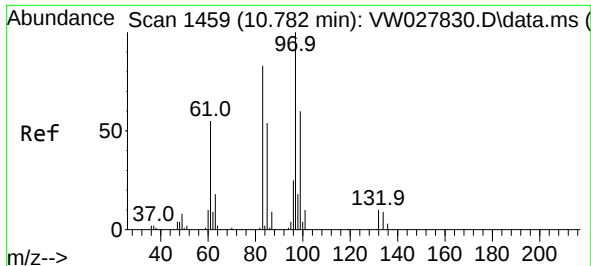
Tgt Ion: 75 Resp: 123342

Ion Ratio Lower Upper

75 100

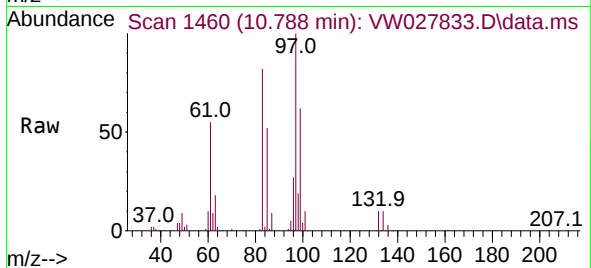
77 30.8 21.8 40.4



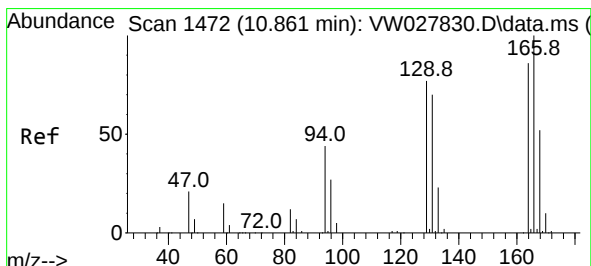
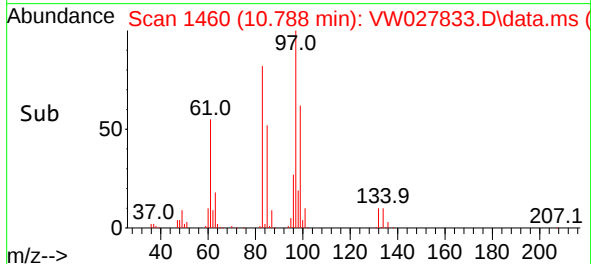
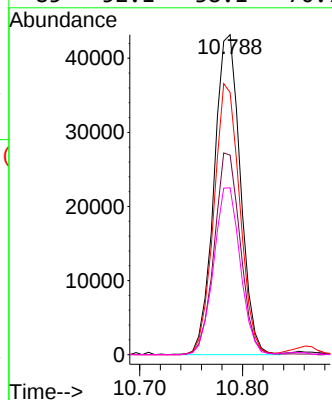


#45
1,1,2-Trichloroethane
Concen: 25.018 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Instrument :
MSVOA_W
ClientSampleId :

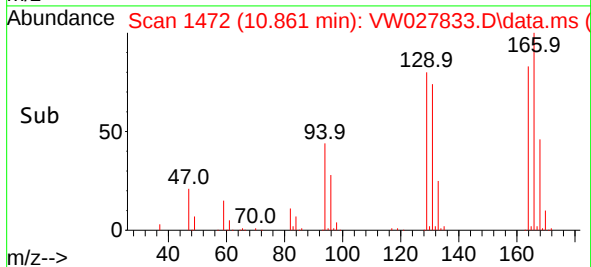
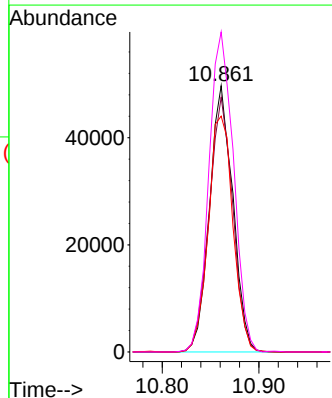
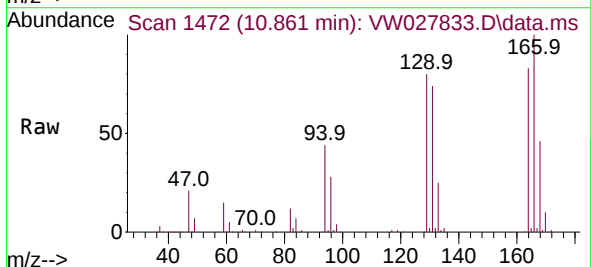


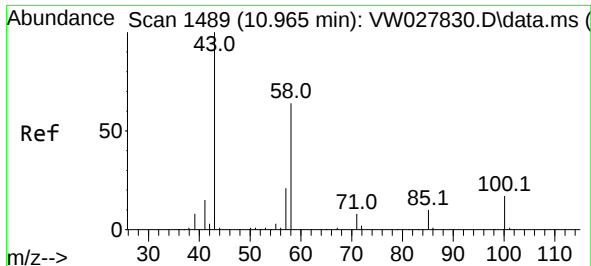
Tgt Ion: 97 Resp: 76707
Ion Ratio Lower Upper
97 100
99 62.3 42.1 78.3
83 82.0 58.4 108.4
85 52.1 38.1 70.7



#46
Tetrachloroethene
Concen: 22.037 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

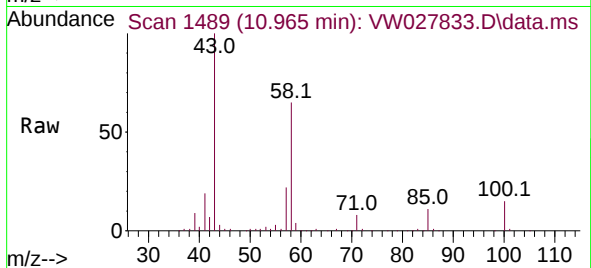
Tgt Ion:164 Resp: 83439
Ion Ratio Lower Upper
164 100
129 95.6 62.7 116.5
131 88.5 57.3 106.5
166 120.2 82.0 152.4



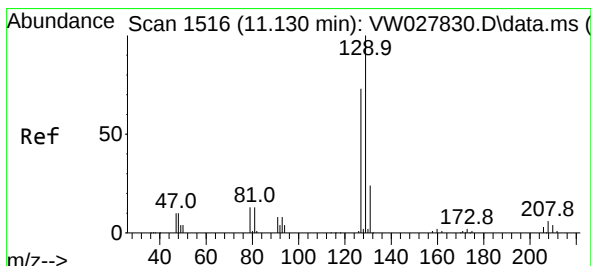
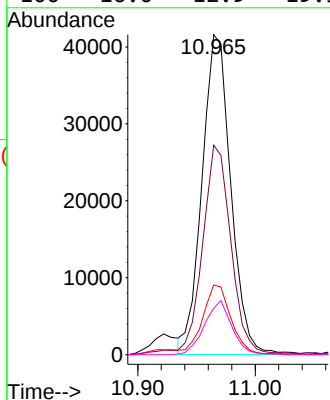
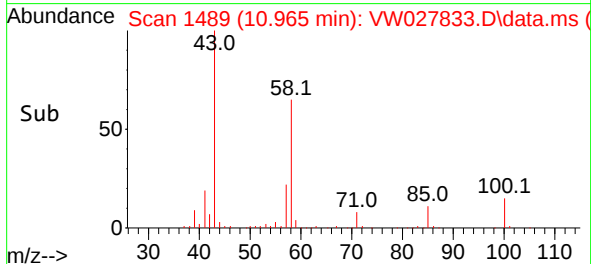


#48
2-Hexanone
Concen: 61.288 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Instrument :
MSVOA_W
ClientSampleId :

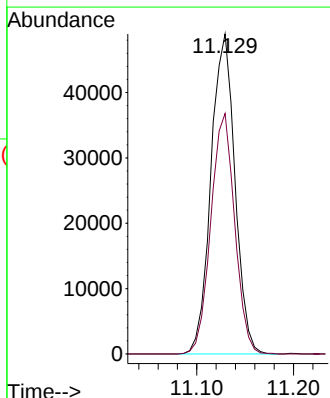
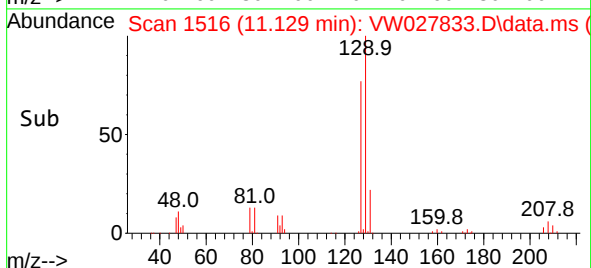
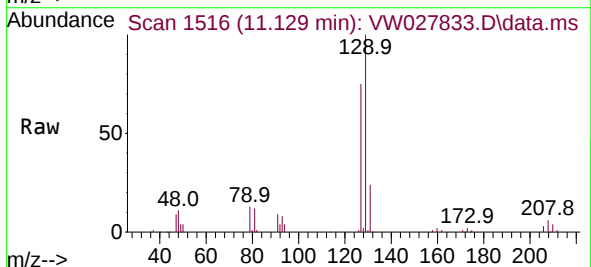


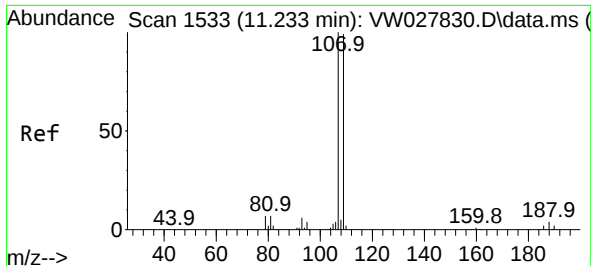
Tgt Ion: 43	Resp: 70843
Ion Ratio	Lower Upper
43 100	
58 64.4	49.3 73.9
57 21.3	17.0 25.4
100 16.0	12.9 19.3



#49
Dibromochloromethane
Concen: 25.162 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Tgt Ion:129	Resp: 84300		
Ion Ratio	Lower	Upper	
129 100			
127 75.2	51.0	94.6	





#50

1,2-Dibromoethane

Concen: 26.011 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027833.D

Acq: 08 Jan 2024 16:14

Instrument :

MSVOA_W

ClientSampleId :

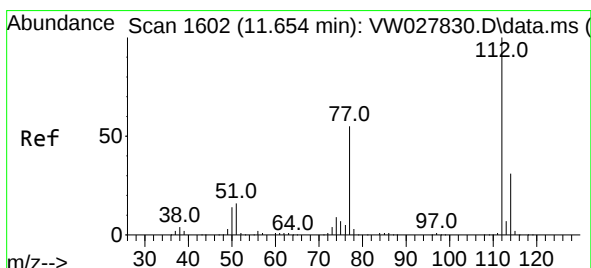
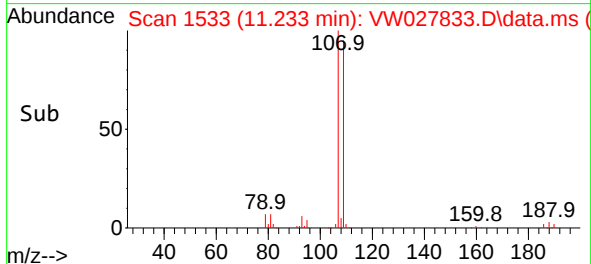
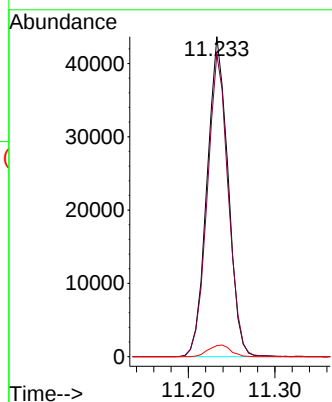
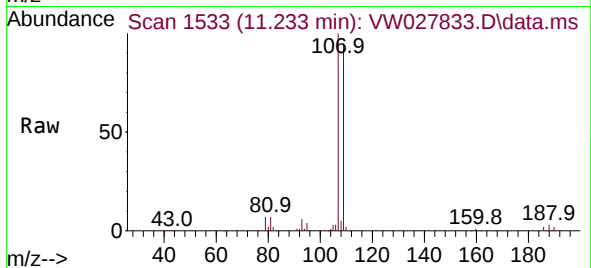
Tgt Ion:107 Resp: 73508

Ion Ratio Lower Upper

107 100

109 94.5 69.3 128.7

188 3.5 3.0 4.4



#51

Chlorobenzene

Concen: 22.573 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027833.D

Acq: 08 Jan 2024 16:14

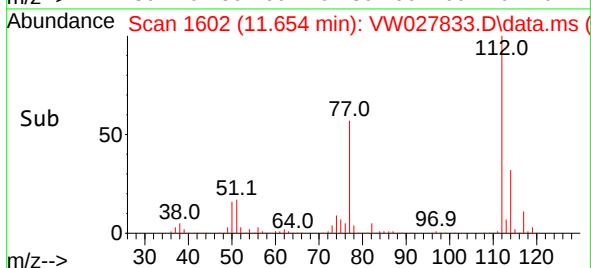
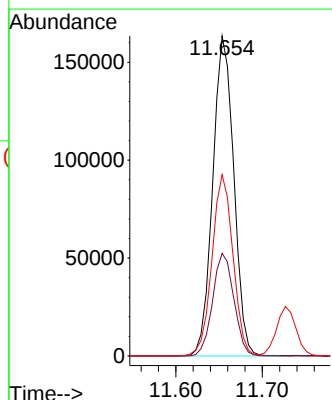
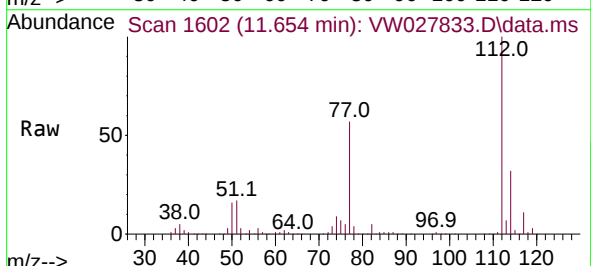
Tgt Ion:112 Resp: 275575

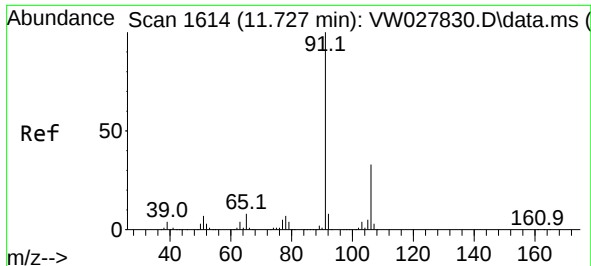
Ion Ratio Lower Upper

112 100

114 32.1 21.3 39.6

77 56.6 44.5 66.7

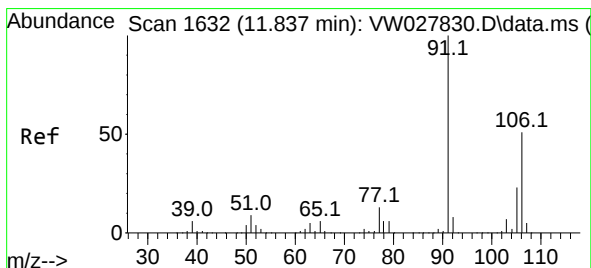
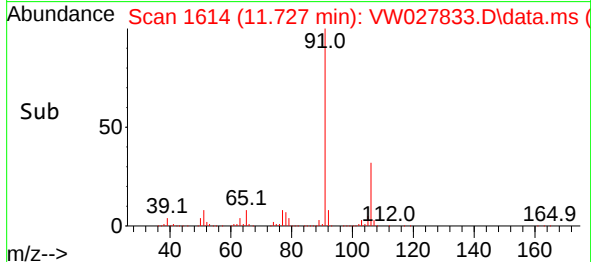
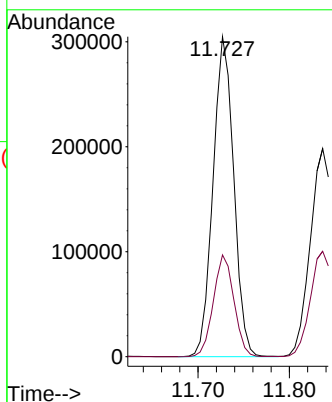
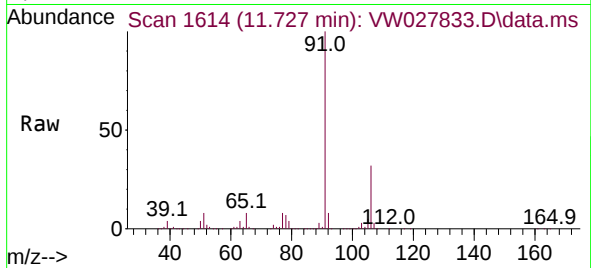




#52
Ethylbenzene
Concen: 23.023 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

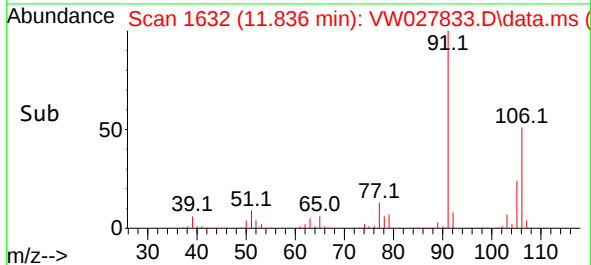
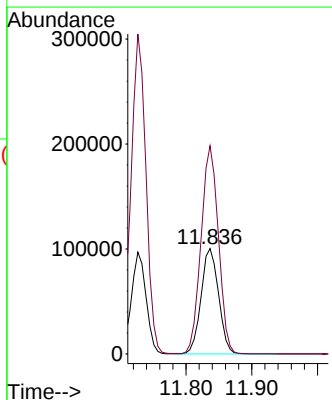
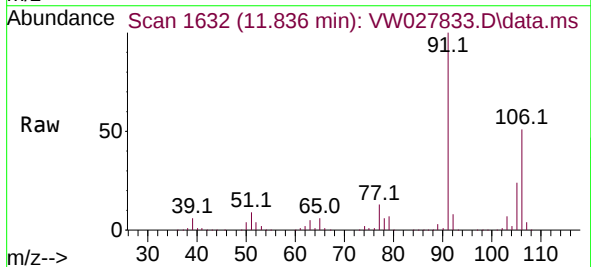
Instrument :
MSVOA_W
ClientSampleId :

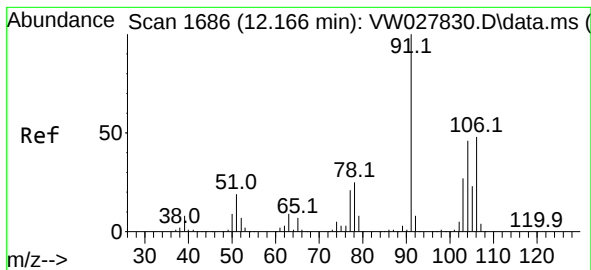
Tgt Ion: 91 Resp: 479812
Ion Ratio Lower Upper
91 100
106 31.8 23.0 42.6



#53
m,p-Xylene
Concen: 22.889 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Tgt Ion:106 Resp: 185659
Ion Ratio Lower Upper
106 100
91 197.3 137.0 254.4





#54

o-Xylene

Concen: 23.578 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027833.D

Acq: 08 Jan 2024 16:14

Instrument :

MSVOA_W

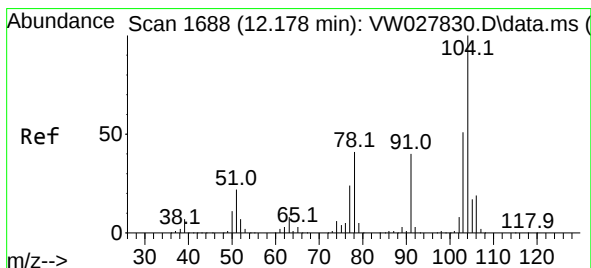
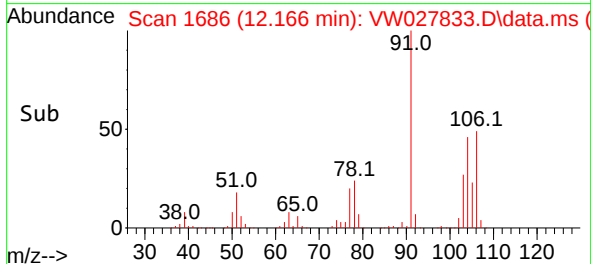
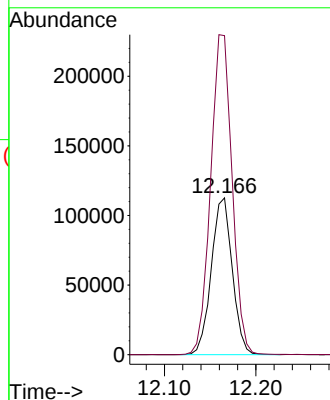
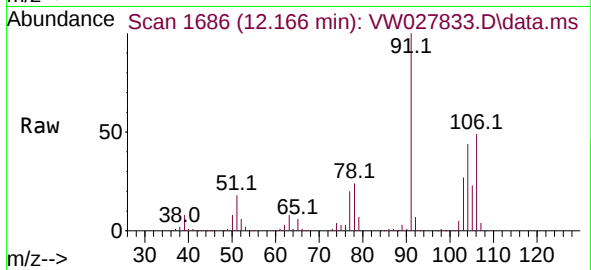
ClientSampleId :

Tgt Ion:106 Resp: 179155

Ion Ratio Lower Upper

106 100

91 203.5 146.4 271.8



#55

Styrene

Concen: 23.778 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027833.D

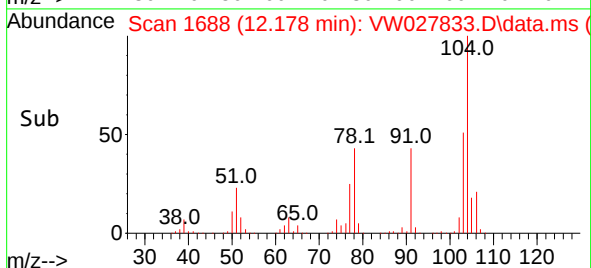
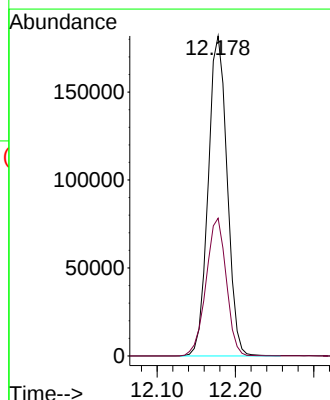
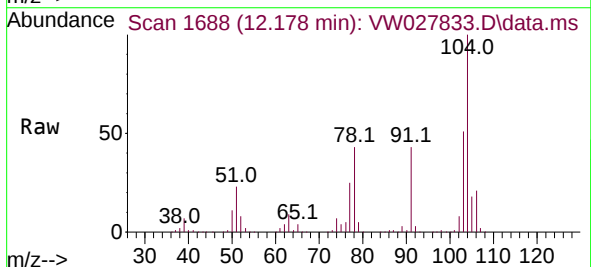
Acq: 08 Jan 2024 16:14

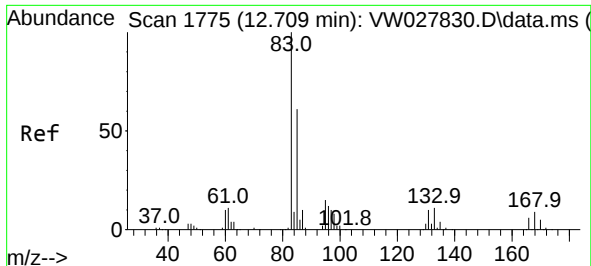
Tgt Ion:104 Resp: 305215

Ion Ratio Lower Upper

104 100

78 43.1 28.8 53.6





#57

1,1,2,2-Tetrachloroethane

Concen: 27.604 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW027833.D

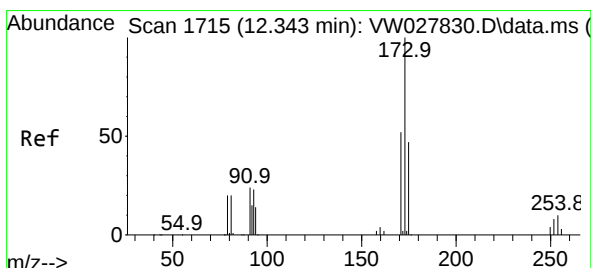
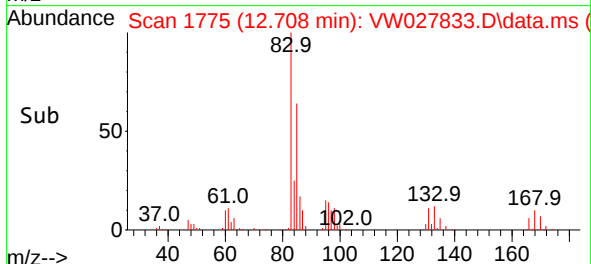
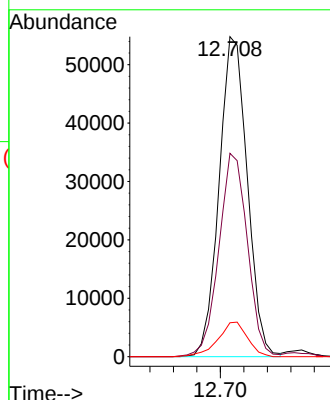
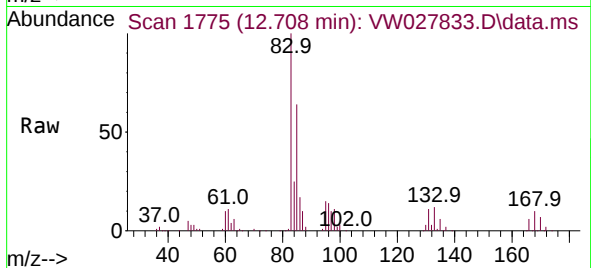
Acq: 08 Jan 2024 16:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 91247
Ion Ratio	Lower Upper
83	100
85	63.6 43.2 80.2
131	10.6 8.2 12.2



#59

Bromoform

Concen: 26.695 ug/L

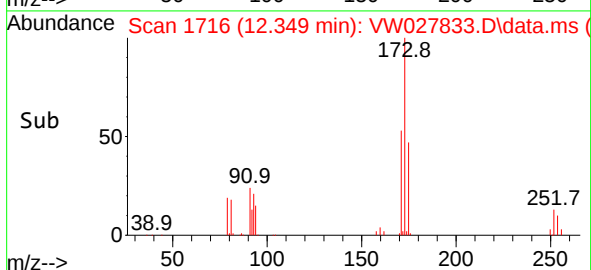
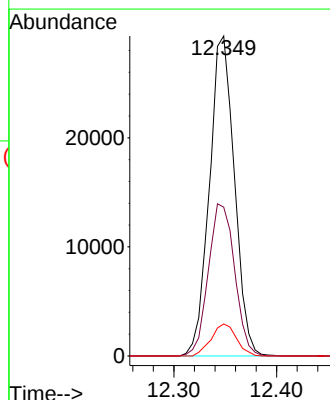
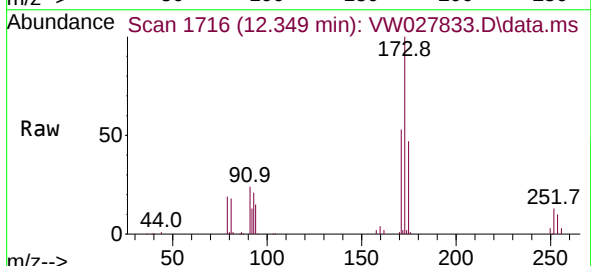
RT: 12.349 min Scan# 1716

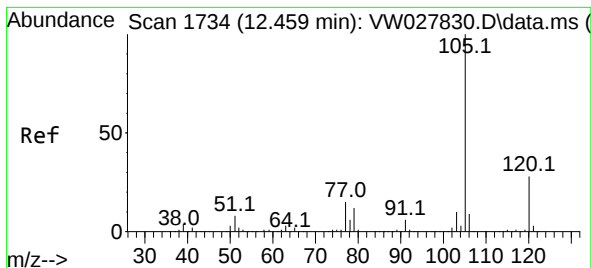
Delta R.T. 0.006 min

Lab File: VW027833.D

Acq: 08 Jan 2024 16:14

Tgt Ion: 173	Resp: 49672
Ion Ratio	Lower Upper
173	100
175	49.9 35.9 53.9
254	10.1 5.1 7.7#





#60

Isopropylbenzene

Concen: 23.915 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027833.D

Acq: 08 Jan 2024 16:14

Instrument :

MSVOA_W

ClientSampleId :

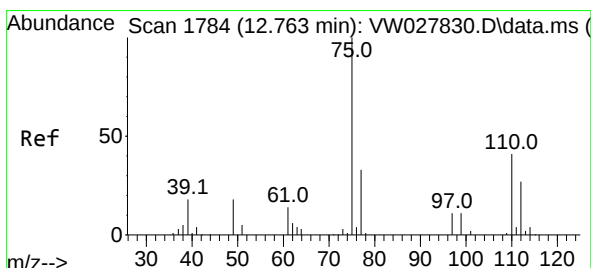
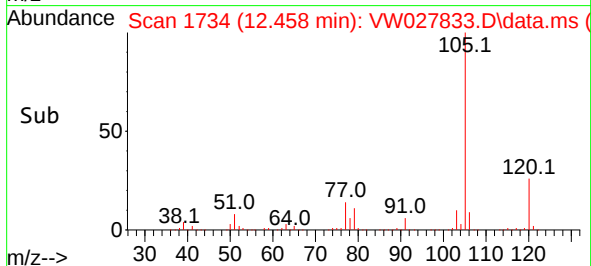
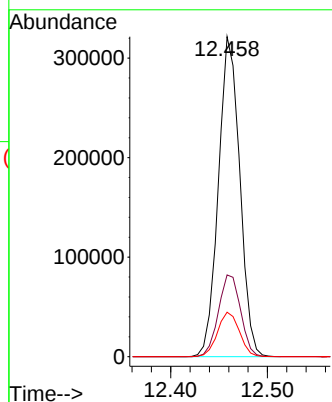
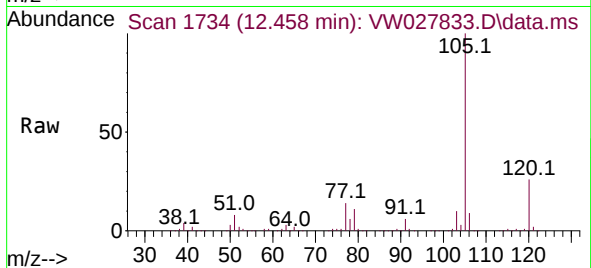
Tgt Ion:105 Resp: 492736

Ion Ratio Lower Upper

105 100

120 26.5 21.9 32.9

77 14.3 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 27.381 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW027833.D

Acq: 08 Jan 2024 16:14

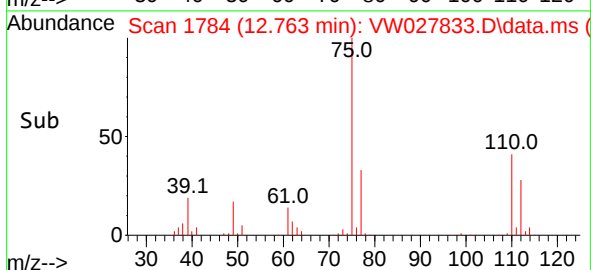
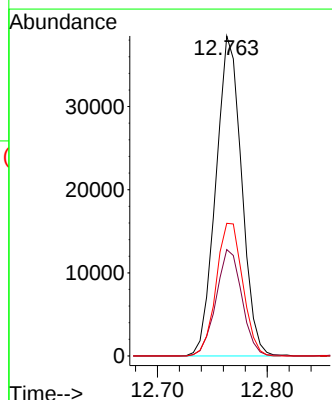
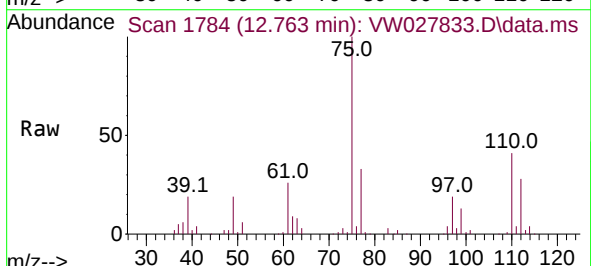
Tgt Ion: 75 Resp: 62829

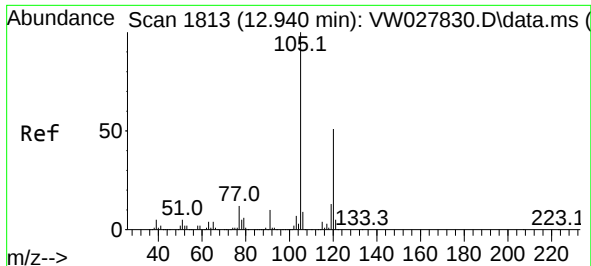
Ion Ratio Lower Upper

75 100

77 33.4 26.1 39.1

110 42.7 33.1 49.7

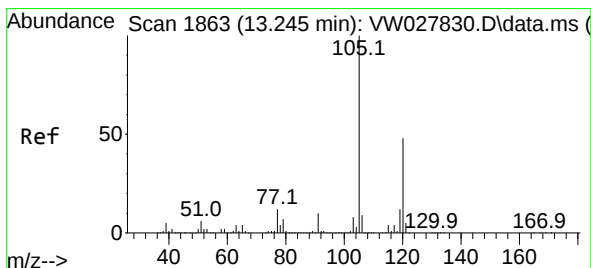
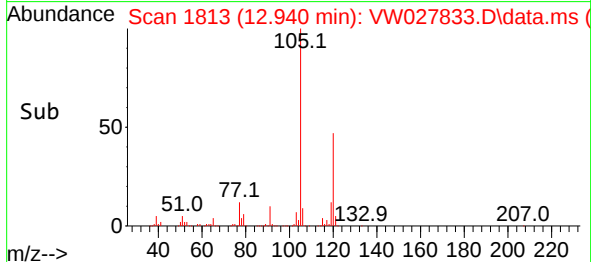
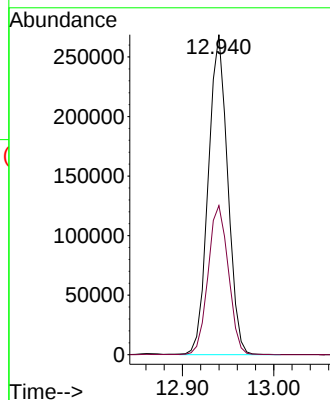
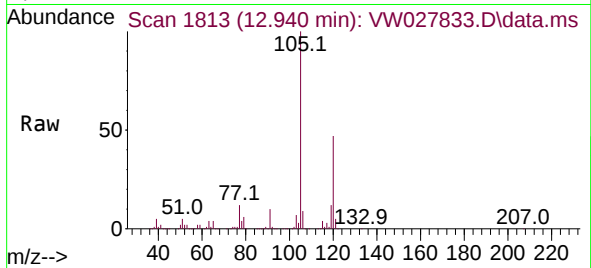




#62
1,3,5-Trimethylbenzene
Concen: 23.959 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

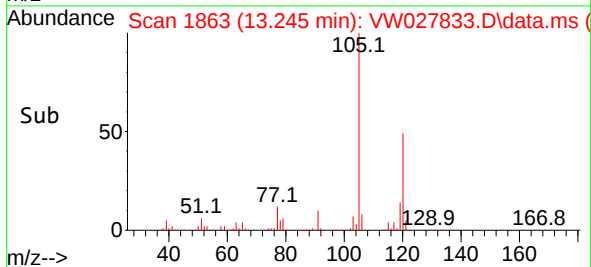
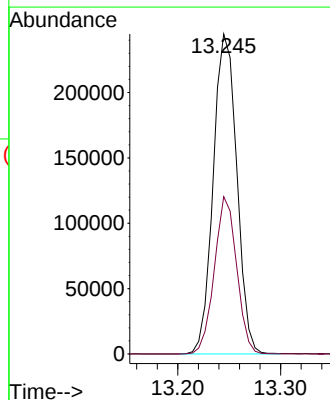
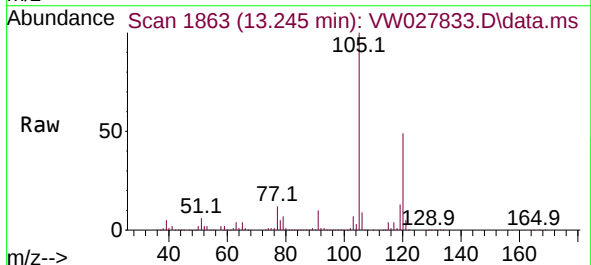
Instrument :
MSVOA_W
ClientSampleId :

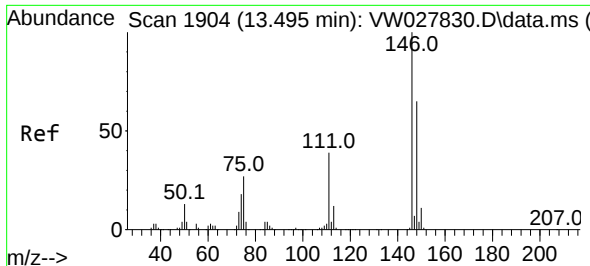
Tgt Ion:105 Resp: 396600
Ion Ratio Lower Upper
105 100
120 48.7 41.2 61.8



#63
1,2,4-Trimethylbenzene
Concen: 23.686 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Tgt Ion:105 Resp: 389031
Ion Ratio Lower Upper
105 100
120 46.5 38.2 57.2

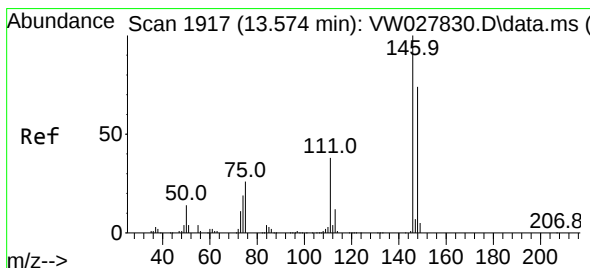
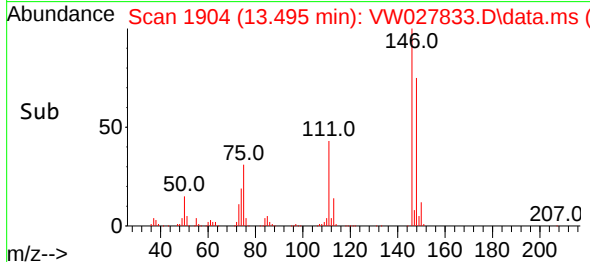
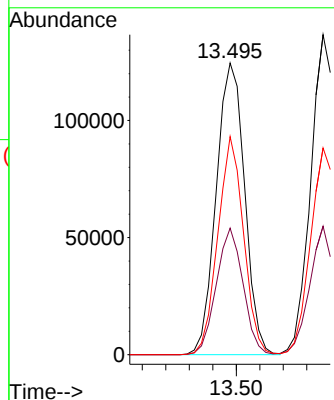
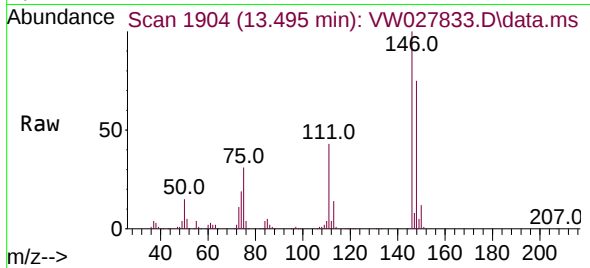




#64
1,3-Dichlorobenzene
Concen: 22.160 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

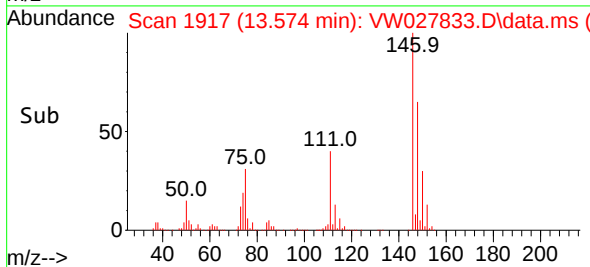
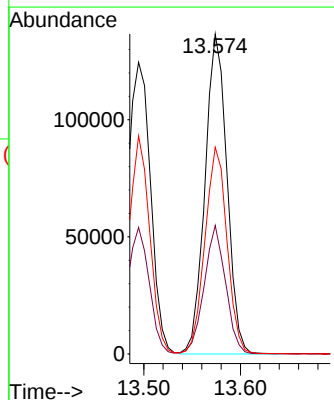
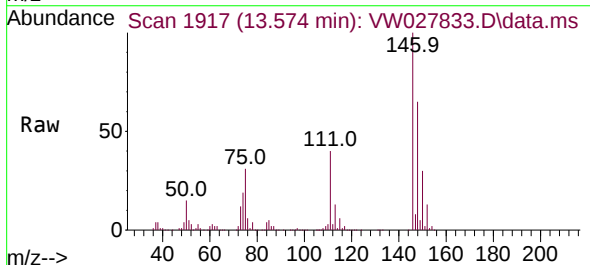
Instrument :
MSVOA_W
ClientSampleId :

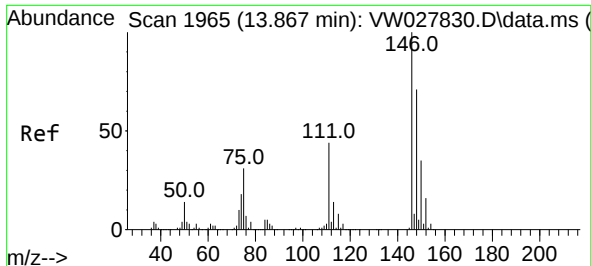
Tgt Ion:146 Resp: 209453
Ion Ratio Lower Upper
146 100
111 43.4 27.2 50.6
148 74.7 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 23.395 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Tgt Ion:146 Resp: 216146
Ion Ratio Lower Upper
146 100
111 40.1 26.6 49.4
148 64.6 52.1 96.7





#67

1,2-Dichlorobenzene

Concen: 24.569 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027833.D

Acq: 08 Jan 2024 16:14

Instrument :

MSVOA_W

ClientSampleId :

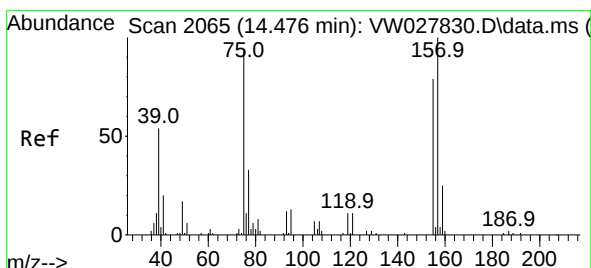
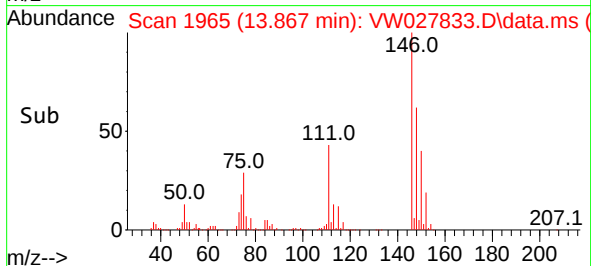
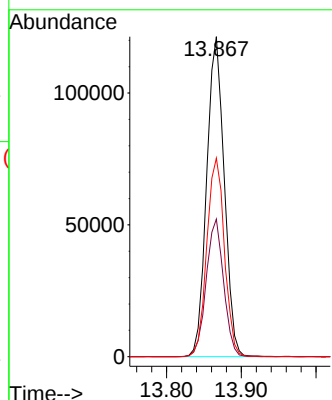
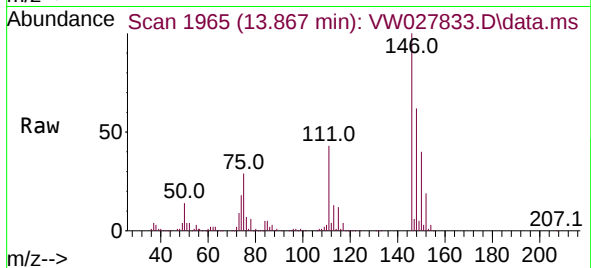
Tgt Ion:146 Resp: 197932

Ion Ratio Lower Upper

146 100

111 43.0 34.9 52.3

148 62.1 56.6 84.8



#68

1,2-Dibromo-3-chloropropane

Concen: 29.511 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027833.D

Acq: 08 Jan 2024 16:14

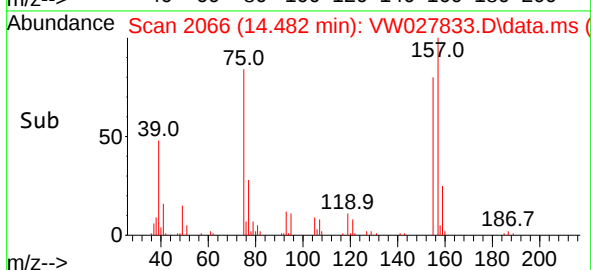
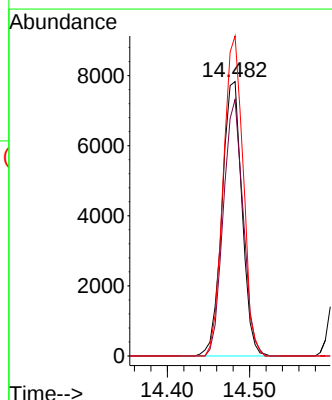
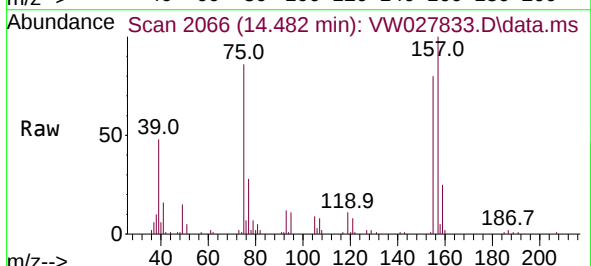
Tgt Ion: 75 Resp: 13215

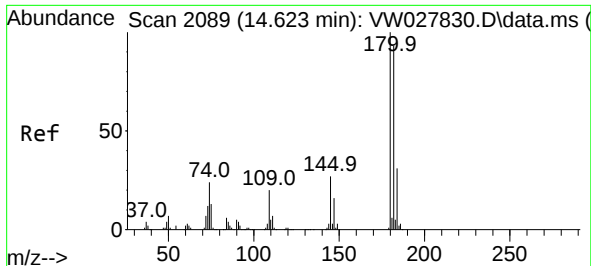
Ion Ratio Lower Upper

75 100

155 93.4 67.8 101.8

157 116.6 85.4 128.0





#69

1,3,5-Trichlorobenzene

Concen: 23.782 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW027833.D

Acq: 08 Jan 2024 16:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 154768

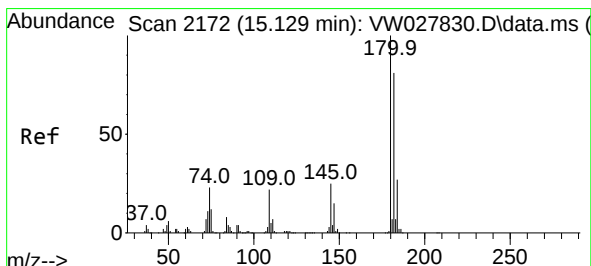
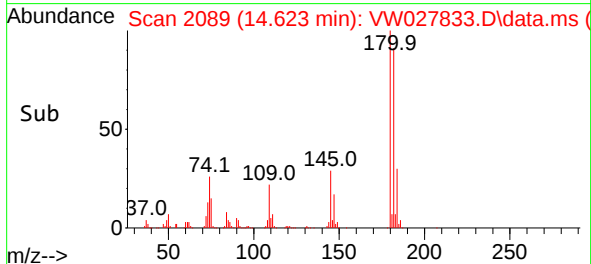
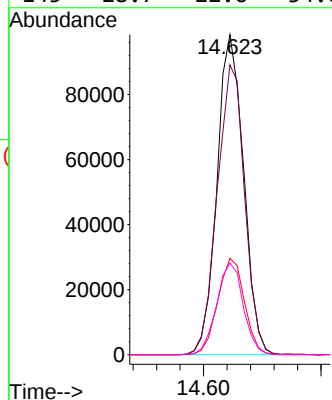
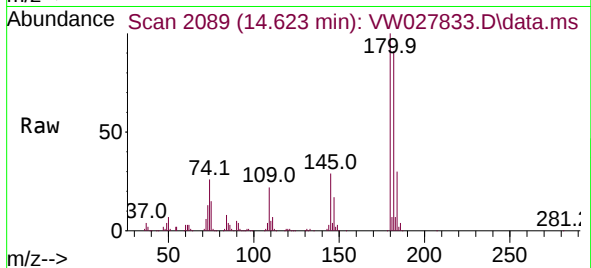
Ion Ratio Lower Upper

180 100

182 93.1 72.6 109.0

184 30.2 22.7 34.1

145 28.7 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 24.743 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027833.D

Acq: 08 Jan 2024 16:14

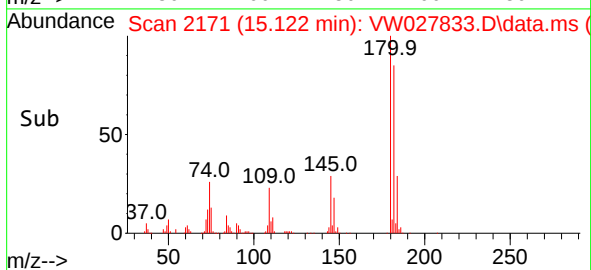
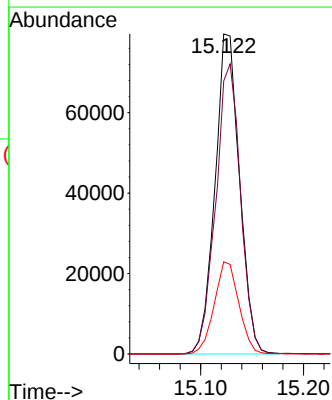
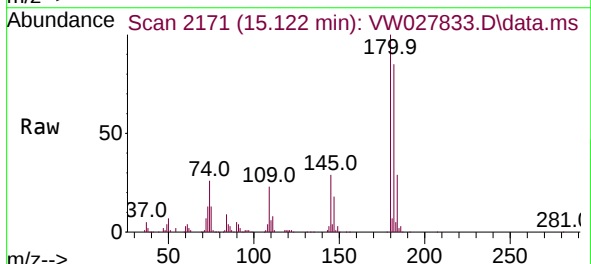
Tgt Ion:180 Resp: 132211

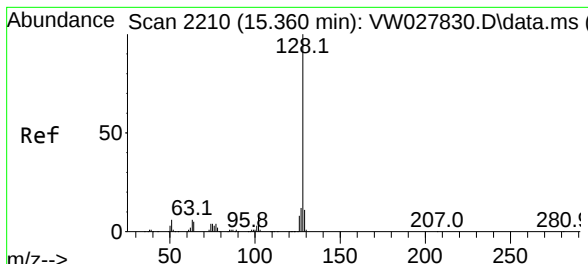
Ion Ratio Lower Upper

180 100

182 91.5 69.4 104.2

145 28.9 23.4 35.2



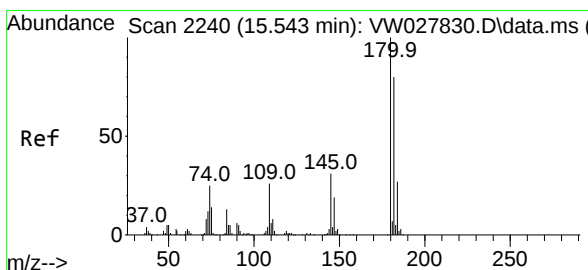
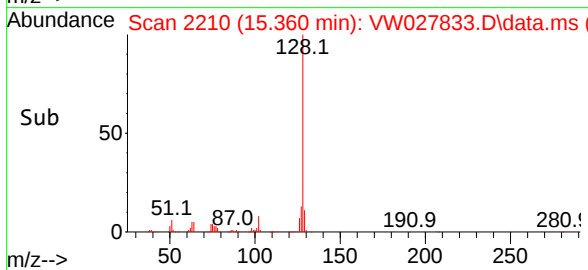
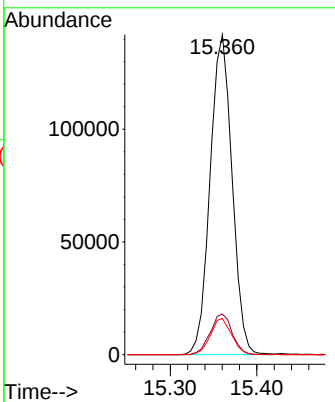
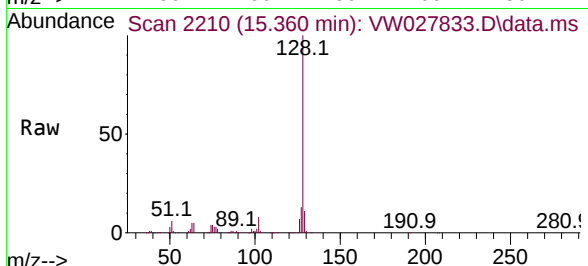


#71
Naphthalene
Concen: 28.491 ug/L
RT: 15.360 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 250082

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.0	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 25.672 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW027833.D
Acq: 08 Jan 2024 16:14

Tgt Ion:180 Resp: 115362

Ion	Ratio	Lower	Upper
180	100		
182	95.0	74.7	112.1
145	30.7	25.0	37.6

