

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010824\
 Data File : VW027831.D
 Acq On : 08 Jan 2024 15:02
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 09 03:52:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 09 03:50:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	343875	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	312947	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	162013	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	207184	49.302	ug/L	0.00
7) Chloroethane-d5	2.899	69	177825	48.333	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	88155	46.683	ug/L	0.00
21) 2-Butanone-d5	7.087	46	69541	99.615	ug/L	0.00
24) Chloroform-d	7.648	84	410291	49.373	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	184134	48.842	ug/L	0.00
32) Benzene-d6	8.276	84	871070	49.521	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	242021	49.191	ug/L	0.00
41) Toluene-d8	10.324	98	842456	51.018	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	98651	52.618	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	67493	105.091	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	171385	49.364	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	284948	49.639	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	186941	56.475	ug/L	98
3) Chloromethane	2.228	50	219035	49.222	ug/L	98
5) Vinyl chloride	2.374	62	241625	53.998	ug/L	100
6) Bromomethane	2.795	94	172075	49.138	ug/L	97
8) Chloroethane	2.935	64	155289	51.355	ug/L	99
9) Trichlorofluoromethane	3.271	101	253301	49.461	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	205774	49.397	ug/L	97
12) 1,1-Dichloroethene	4.051	96	204617	49.823	ug/L	90
13) Acetone	4.142	43	66426	78.645	ug/L	98
14) Carbon disulfide	4.392	76	633009	50.406	ug/L	100
15) Methyl Acetate	4.679	43	56336	48.057	ug/L	95
16) Methylene chloride	4.917	84	203402	40.309	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	218500	49.932	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	266393	49.567	ug/L	99
19) 1,1-Dichloroethane	6.221	63	366618	49.361	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	237243	50.316	ug/L	98
22) 2-Butanone	7.179	43	83416	96.794	ug/L	100
23) Bromochloromethane	7.520	128	101617	49.101	ug/L	95
25) Chloroform	7.678	83	380602	49.401	ug/L	97
27) 1,2-Dichloroethane	8.398	62	211536	48.768	ug/L	99
29) Cyclohexane	7.959	56	328095	51.526	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	315520	50.327	ug/L	99
31) Carbon tetrachloride	8.069	117	274443	50.255	ug/L	98
33) Benzene	8.325	78	852479	49.465	ug/L	100
34) Trichloroethene	9.093	95	233757	49.514	ug/L	98
35) Methylcyclohexane	9.337	83	402489	50.703	ug/L	99
37) 1,2-Dichloropropane	9.367	63	203506	49.128	ug/L	100
38) Bromodichloromethane	9.641	83	258316	49.763	ug/L	96
39) cis-1,3-Dichloropropene	10.074	75	328557	51.120	ug/L	97
40) 4-Methyl-2-pentanone	10.208	43	163004	100.273	ug/L	98
42) Toluene	10.385	91	951816	50.432	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	260598	52.627	ug/L	100

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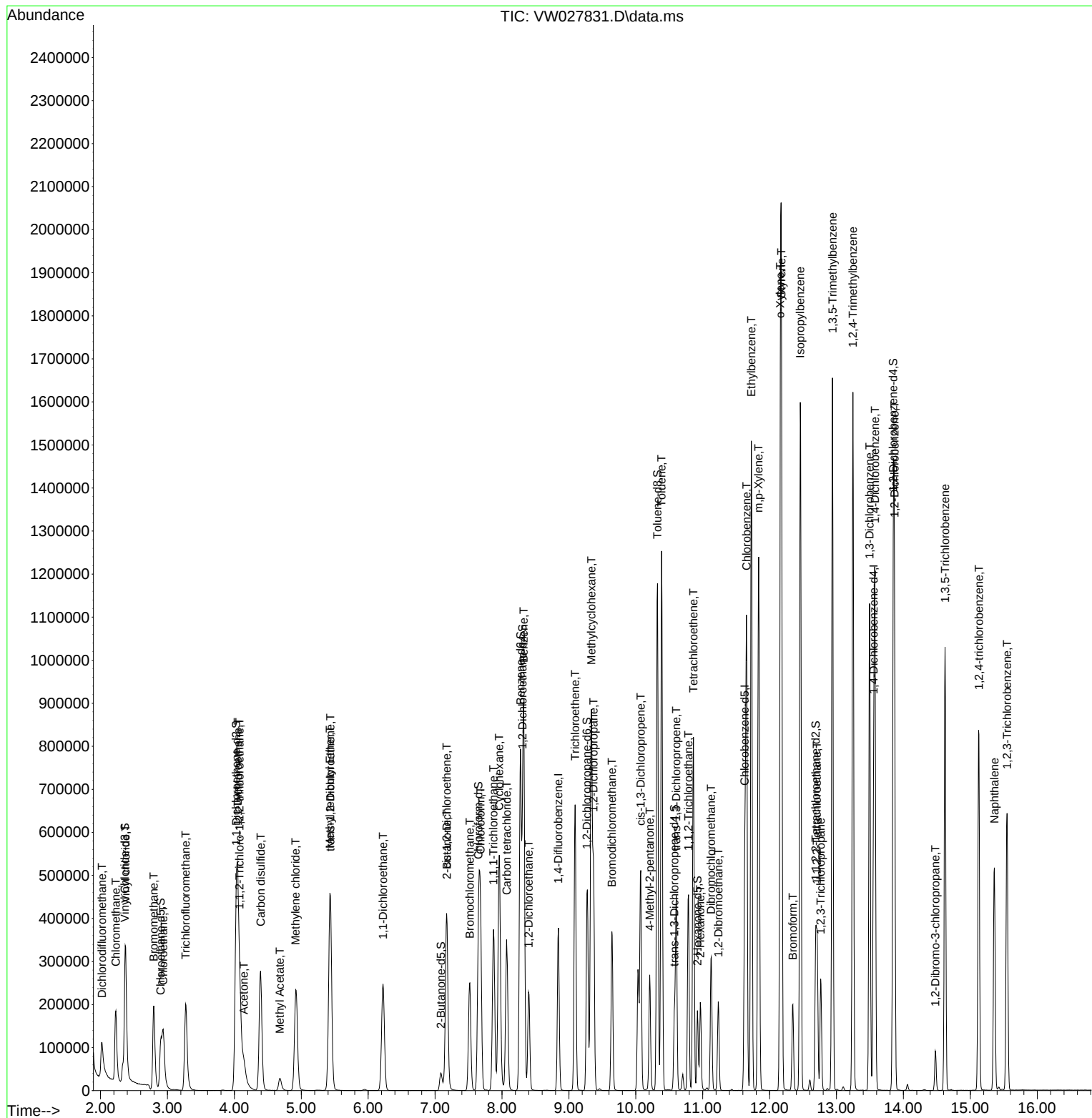
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	151823	48.896	ug/L	98
46) Tetrachloroethene	10.861	164	188529	49.595	ug/L	95
48) 2-Hexanone	10.964	43	118515	99.644	ug/L	98
49) Dibromochloromethane	11.123	129	174975	51.835	ug/L	96
50) 1,2-Dibromoethane	11.233	107	141561	49.782	ug/L	97
51) Chlorobenzene	11.653	112	625399	50.440	ug/L	97
52) Ethylbenzene	11.726	91	1083586	50.999	ug/L	97
53) m,p-Xylene	11.836	106	420682	51.151	ug/L	94
54) o-Xylene	12.159	106	397990	51.576	ug/L	99
55) Styrene	12.178	104	679493	51.917	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	166338	49.300	ug/L	99
59) Bromoform	12.348	173	95784	47.967	ug/L #	94
60) Isopropylbenzene	12.458	105	1107836	49.658	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	114681	46.245	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	899490	50.788	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	902004	51.045	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	501310	49.565	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	466968	46.869	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	418107	47.434	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	22695	47.614	ug/L	83
69) 1,3,5-Trichlorobenzene	14.622	180	336899	47.703	ug/L	94
70) 1,2,4-trichlorobenzene	15.128	180	286937	50.138	ug/L	93
71) Naphthalene	15.360	128	476178	49.985	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	240383	49.696	ug/L	99

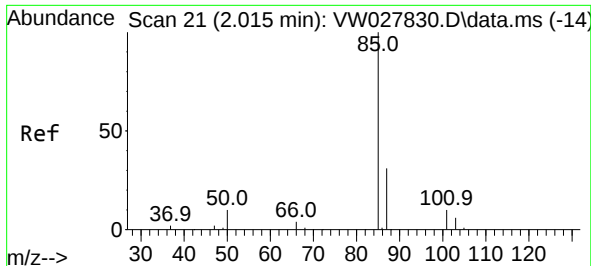
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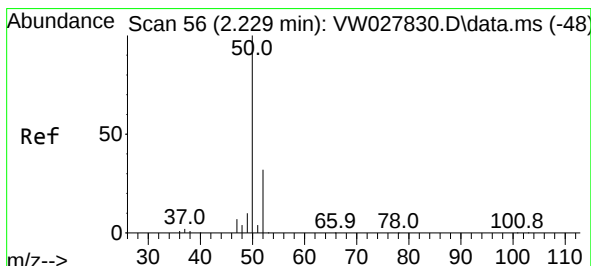
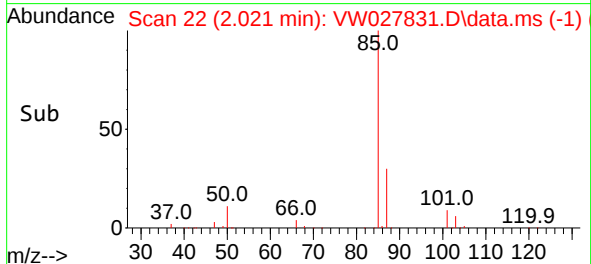
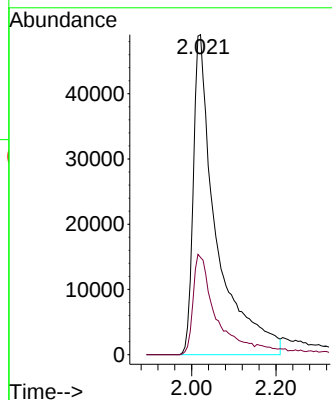
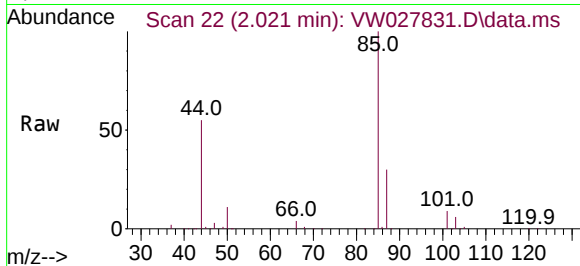




#2
 Dichlorodifluoromethane
 Concen: 56.475 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW027831.D
 Acq: 08 Jan 2024 15:02

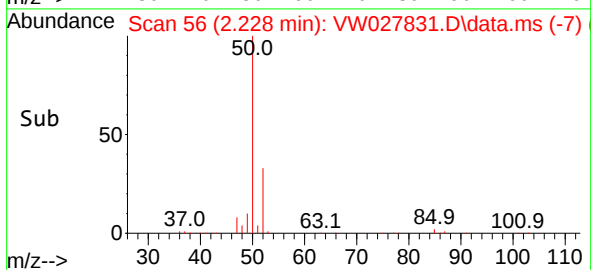
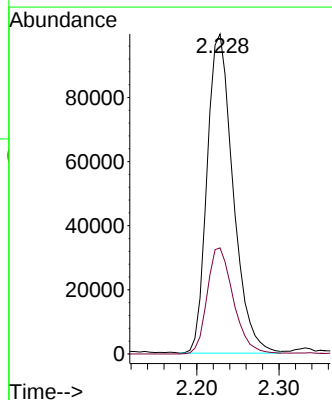
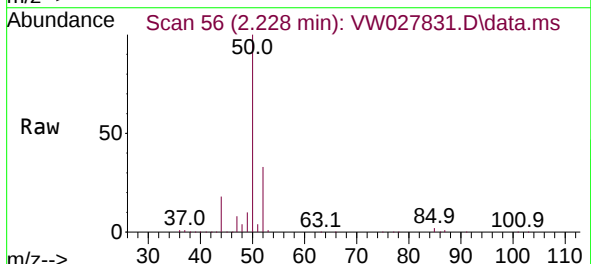
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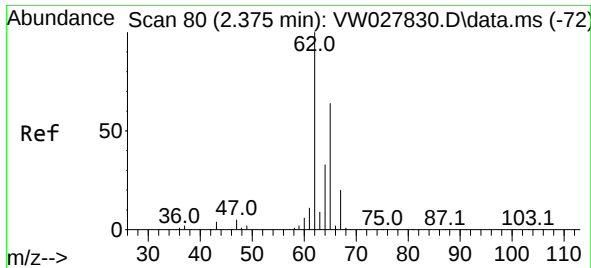
Tgt Ion: 85 Resp: 186941
 Ion Ratio Lower Upper
 85 100
 87 30.2 25.0 37.4



#3
 Chloromethane
 Concen: 49.222 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW027831.D
 Acq: 08 Jan 2024 15:02

Tgt Ion: 50 Resp: 219035
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.5 41.7

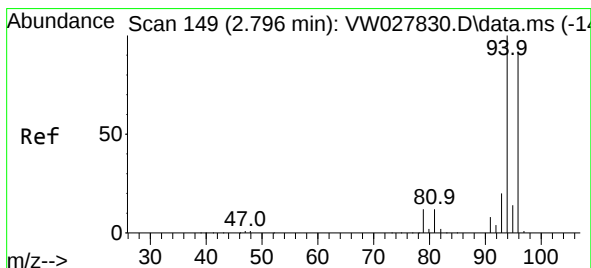
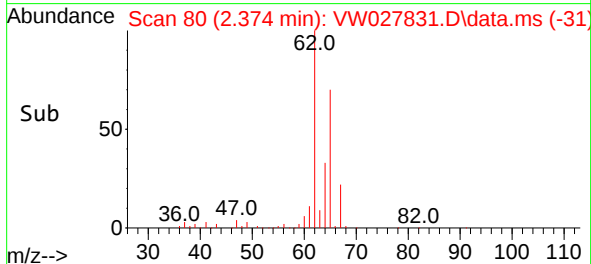
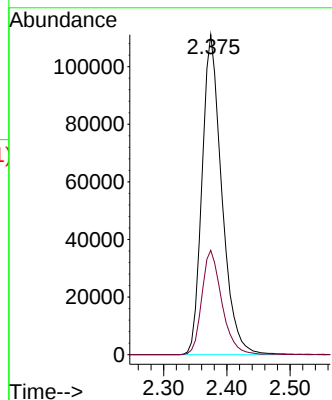
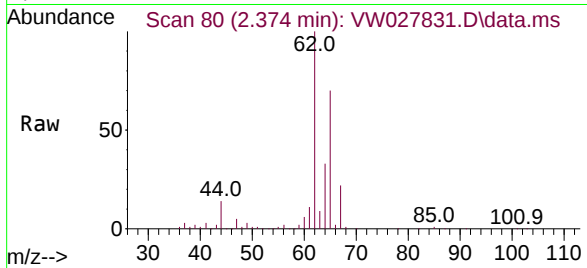




#5
 Vinyl chloride
 Concen: 53.998 ug/L
 RT: 2.374 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027831.D
 Acq: 08 Jan 2024 15:02

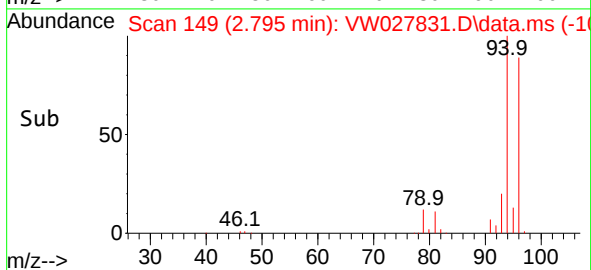
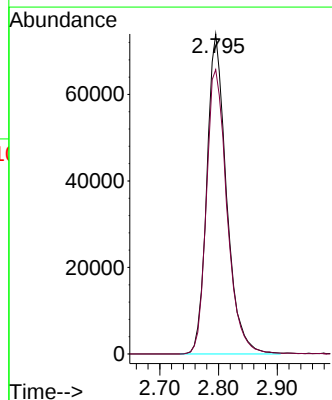
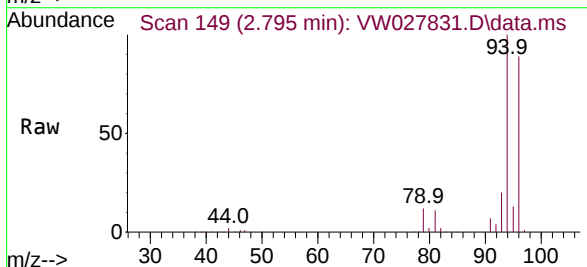
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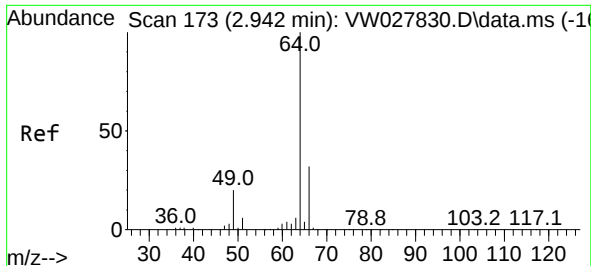
Tgt Ion: 62 Resp: 241625
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.6



#6
 Bromomethane
 Concen: 49.138 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW027831.D
 Acq: 08 Jan 2024 15:02

Tgt Ion: 94 Resp: 172075
 Ion Ratio Lower Upper
 94 100
 96 88.8 64.3 119.5

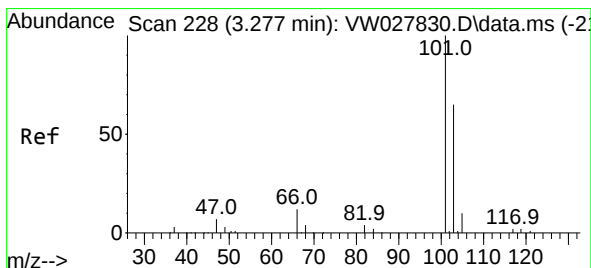
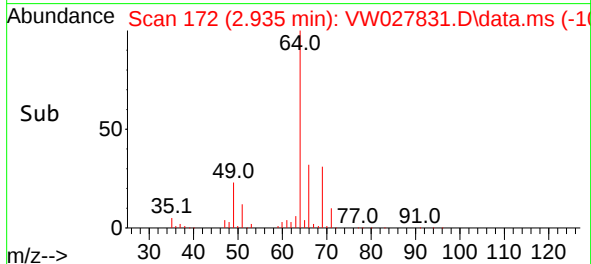
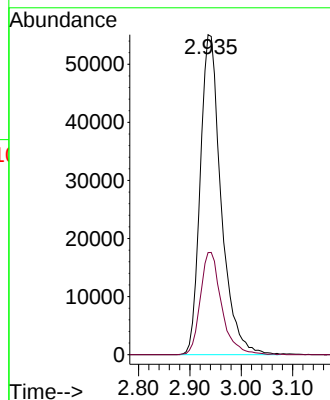
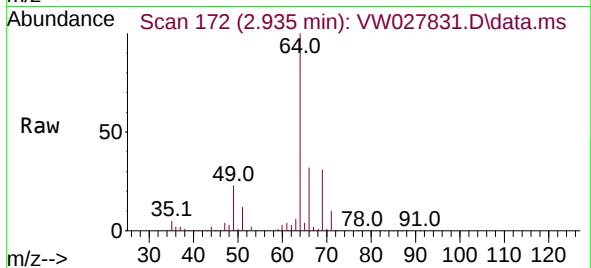




#8
Chloroethane
Concen: 51.355 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.007 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

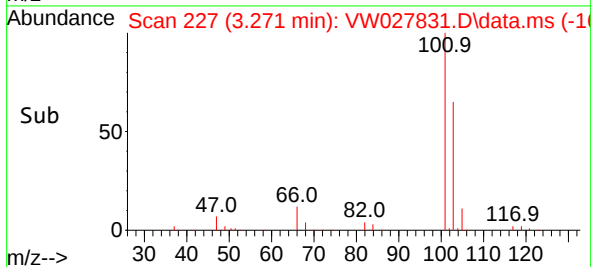
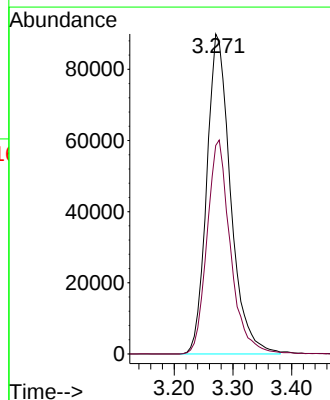
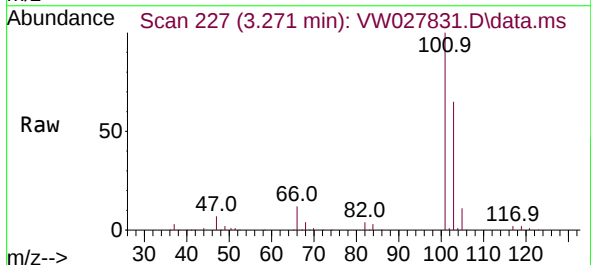
Instrument :
MSVOA_W
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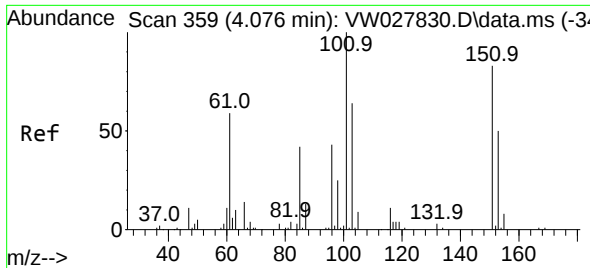
Tgt Ion: 64 Resp: 155289
Ion Ratio Lower Upper
64 100
66 31.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 49.461 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.007 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

Tgt Ion:101 Resp: 253301
Ion Ratio Lower Upper
101 100
103 65.7 51.5 77.3

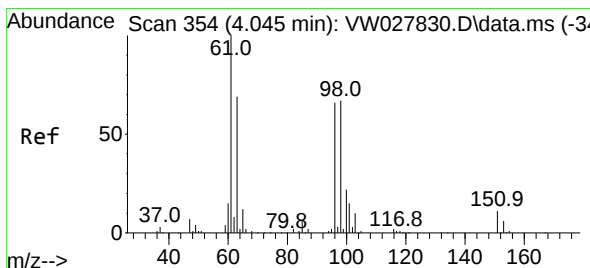
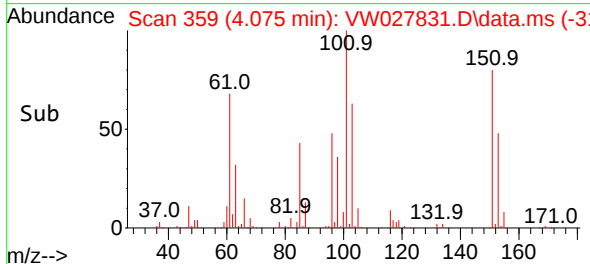
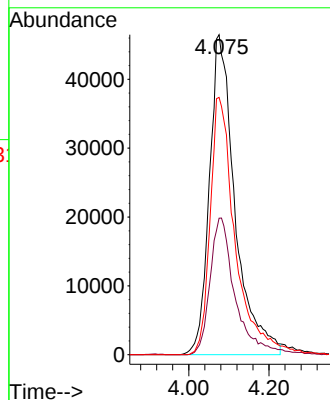
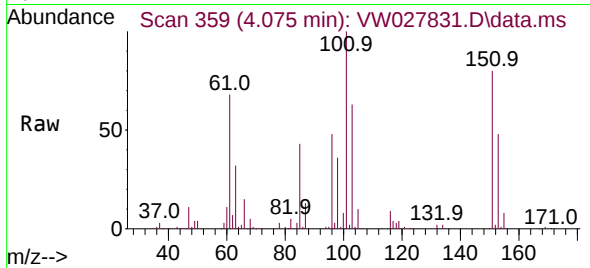




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.397 ug/L
 RT: 4.075 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW027831.D
 Acq: 08 Jan 2024 15:02

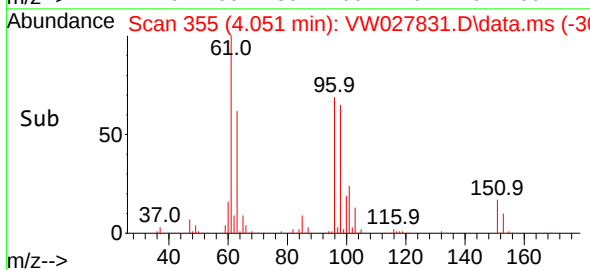
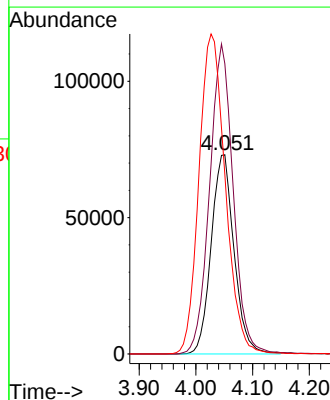
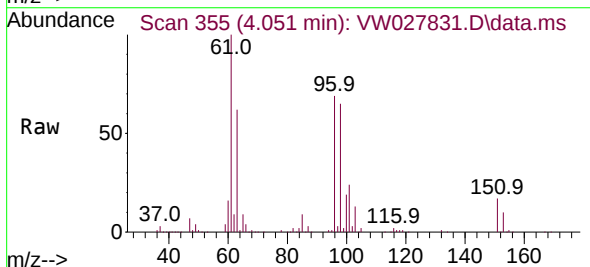
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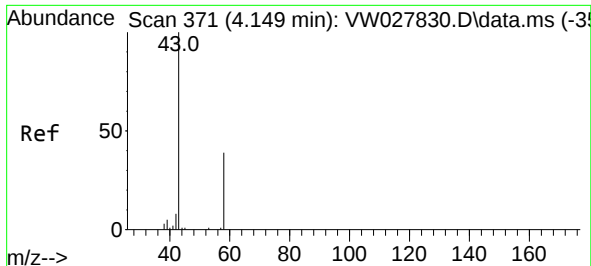
Tgt Ion:101 Resp: 205774
 Ion Ratio Lower Upper
 101 100
 85 38.8 32.6 48.8
 151 78.6 60.6 91.0



#12
 1,1-Dichloroethene
 Concen: 49.823 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW027831.D
 Acq: 08 Jan 2024 15:02

Tgt Ion: 96 Resp: 204617
 Ion Ratio Lower Upper
 96 100
 61 145.7 105.7 196.3
 63 90.2 76.0 141.2

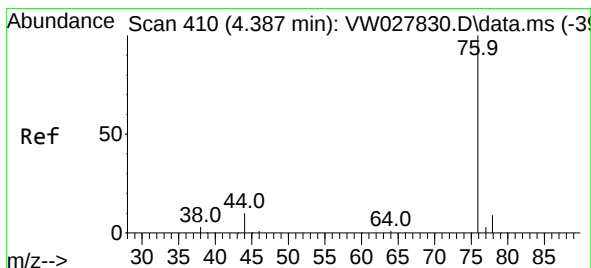
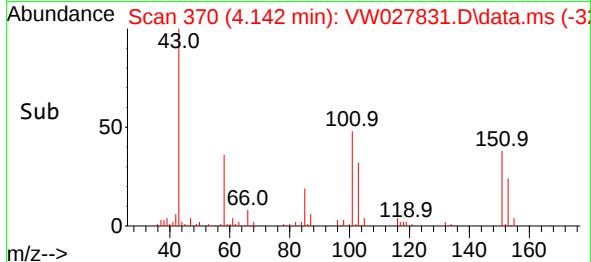
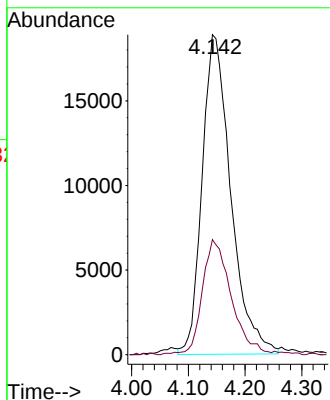
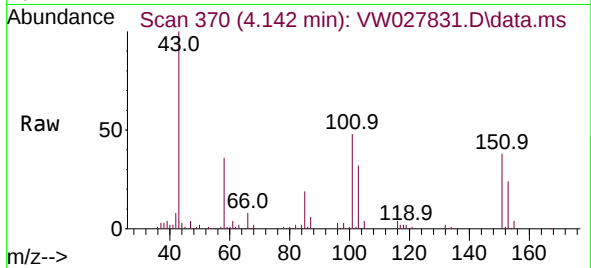




#13
Acetone
Concen: 78.645 ug/L
RT: 4.142 min Scan# 31
Delta R.T. -0.007 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

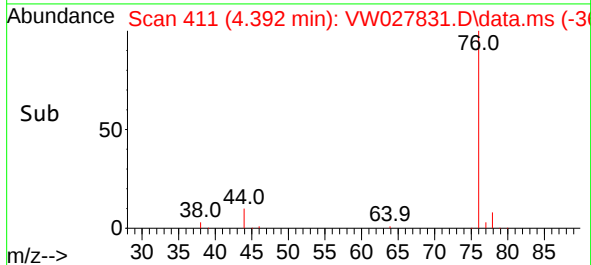
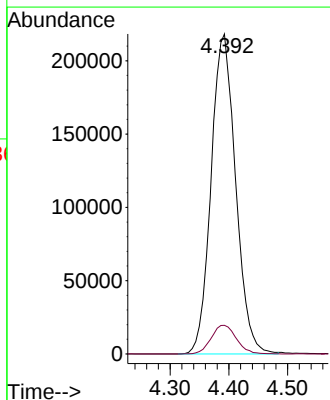
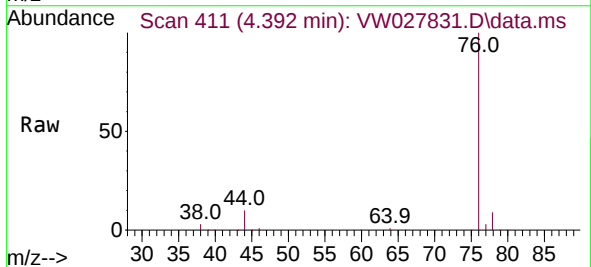
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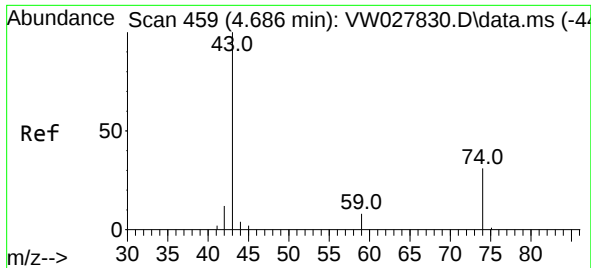
Tgt Ion: 43 Resp: 66426
Ion Ratio Lower Upper
43 100
58 33.7 0.0 70.2



#14
Carbon disulfide
Concen: 50.406 ug/L
RT: 4.392 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

Tgt Ion: 76 Resp: 633009
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

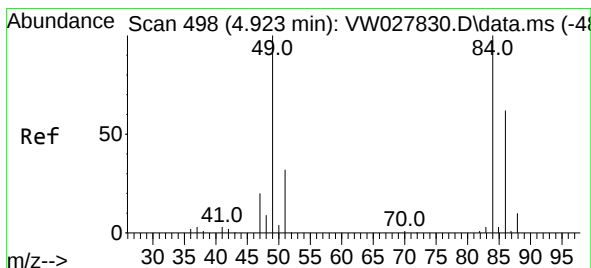
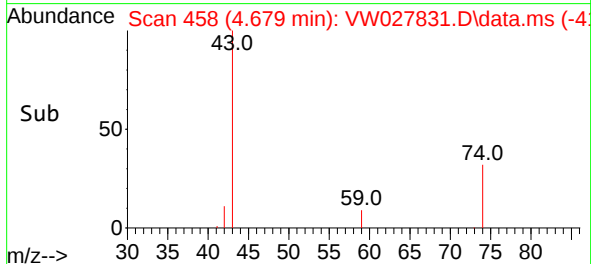
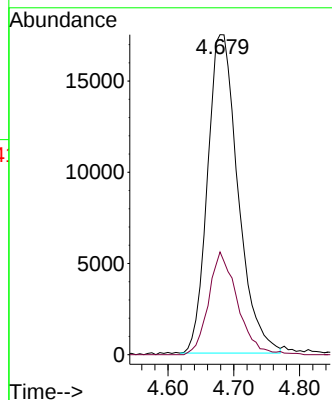
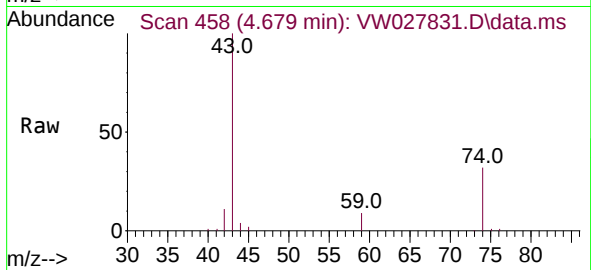




#15
Methyl Acetate
Concen: 48.057 ug/L
RT: 4.679 min Scan# 41
Delta R.T. -0.007 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

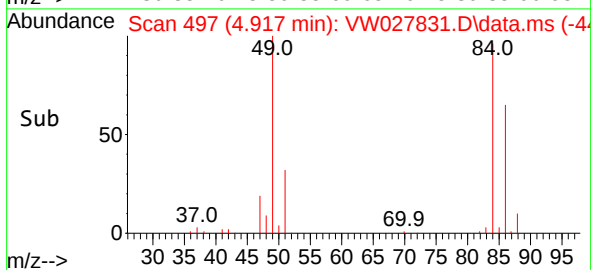
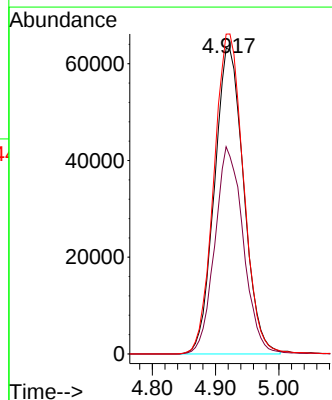
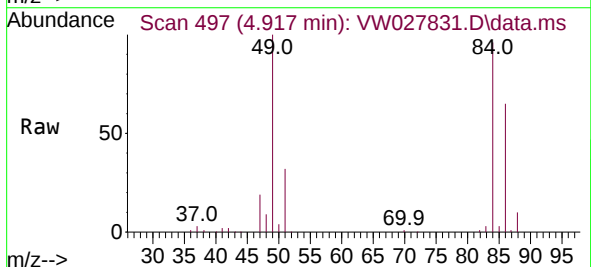
Instrument :
MSVOA_W
ClientSampleId :

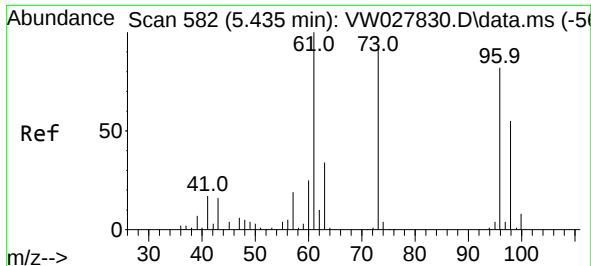
Tgt Ion: 43 Resp: 56336
Ion Ratio Lower Upper
43 100
74 30.2 21.9 32.9



#16
Methylene chloride
Concen: 40.309 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.007 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

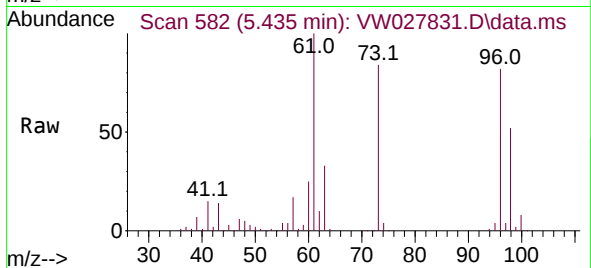
Tgt Ion: 84 Resp: 203402
Ion Ratio Lower Upper
84 100
86 67.8 43.5 80.9
49 104.6 70.3 130.5





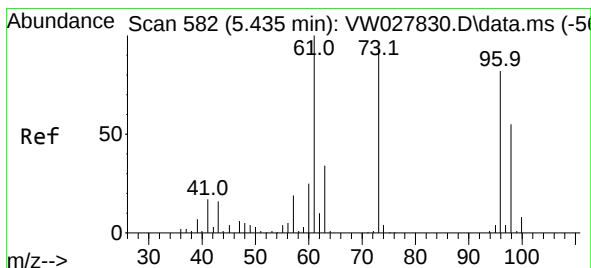
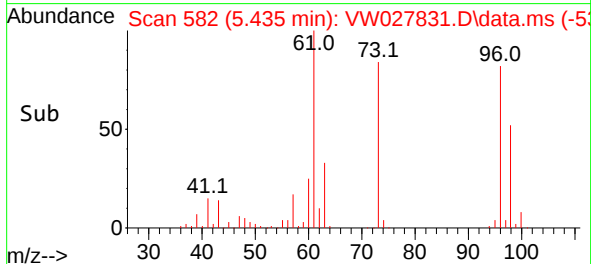
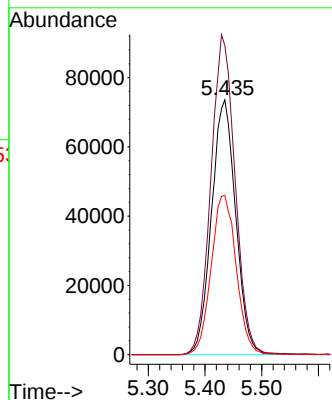
#17
trans-1,2-Dichloroethene
Concen: 49.932 ug/L
RT: 5.435 min Scan# 582
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 218500

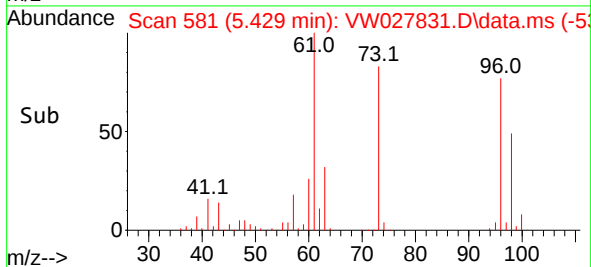
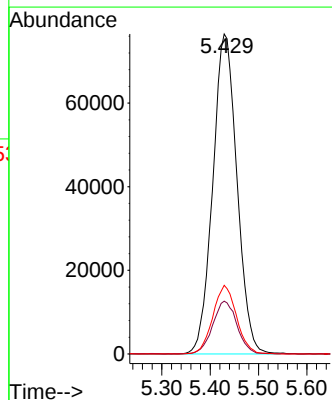
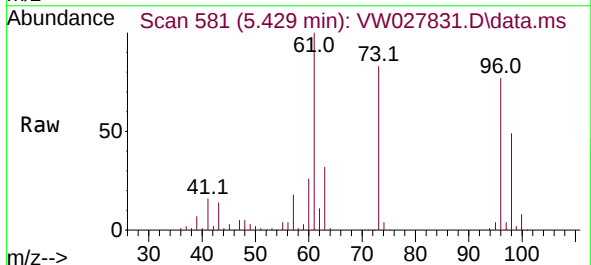
Ion	Ratio	Lower	Upper
96	100		
61	121.3	85.0	157.8
98	62.5	46.3	86.1

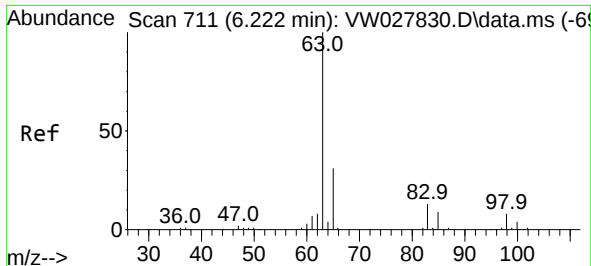


#18
Methyl tert-butyl Ether
Concen: 49.567 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.007 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

Tgt Ion: 73 Resp: 266393

Ion	Ratio	Lower	Upper
73	100		
43	16.5	13.5	20.3
57	21.0	16.9	25.3





#19

1,1-Dichloroethane

Concen: 49.361 ug/L

RT: 6.221 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW027831.D

Acq: 08 Jan 2024 15:02

Instrument :

MSVOA_W

ClientSampleId :

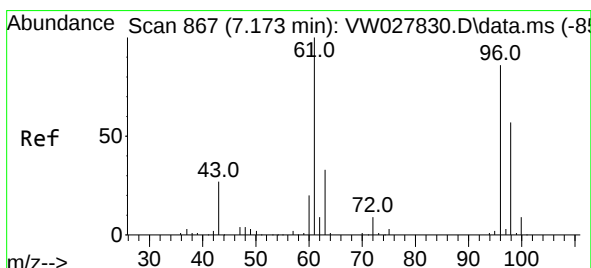
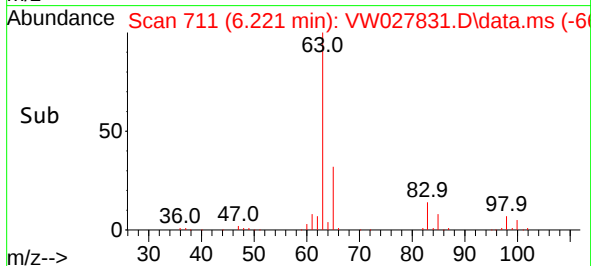
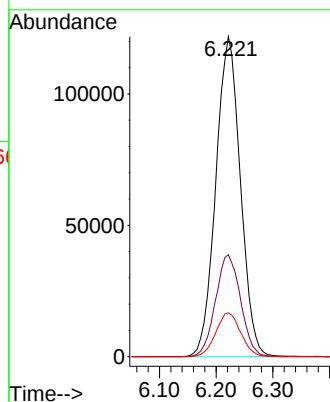
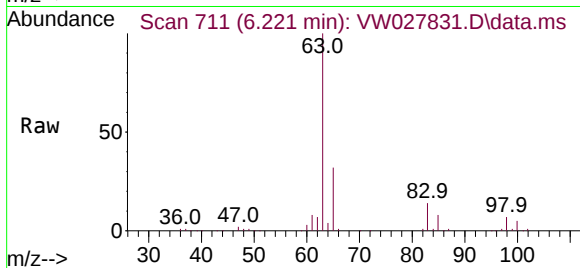
Tgt Ion: 63 Resp: 366618

Ion Ratio Lower Upper

63 100

65 31.8 21.5 39.9

83 13.7 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 50.316 ug/L

RT: 7.172 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027831.D

Acq: 08 Jan 2024 15:02

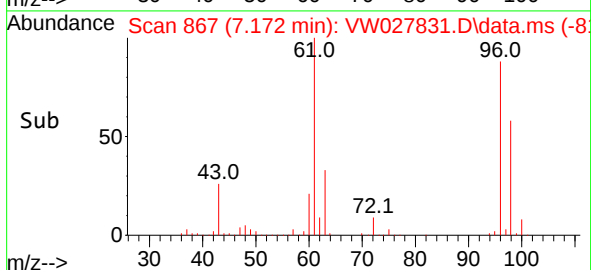
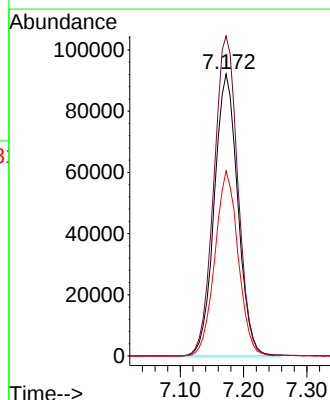
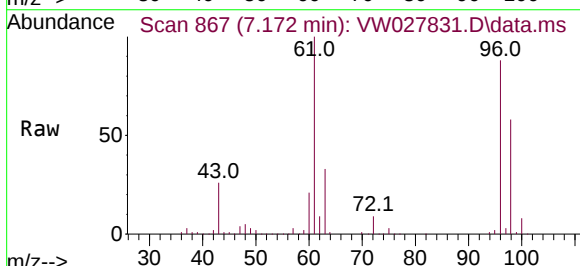
Tgt Ion: 96 Resp: 237243

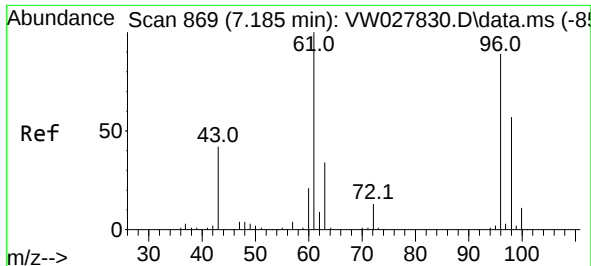
Ion Ratio Lower Upper

96 100

61 113.5 81.1 150.7

98 65.7 46.5 86.5

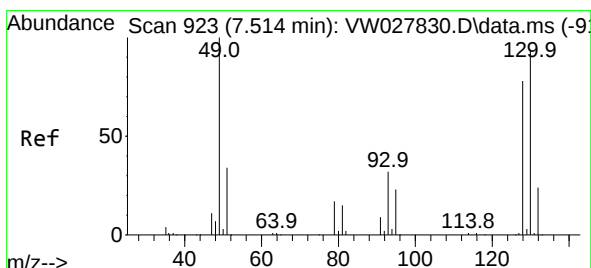
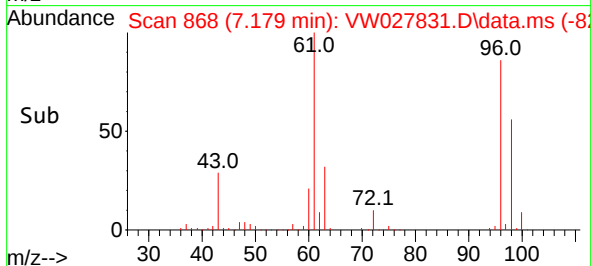
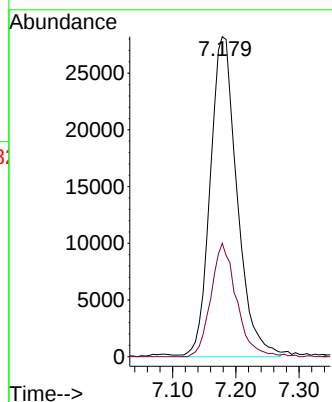
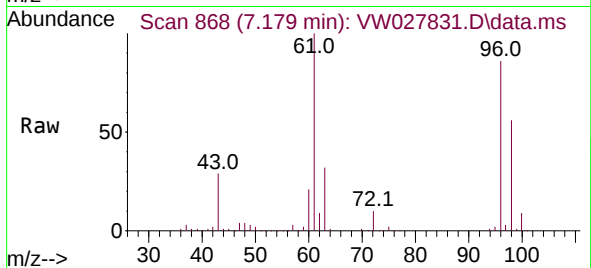




#22
2-Butanone
Concen: 96.794 ug/L
RT: 7.179 min Scan# 868
Delta R.T. -0.007 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

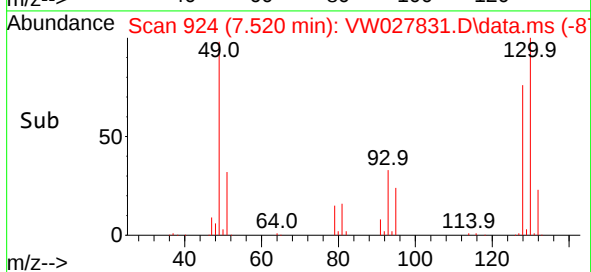
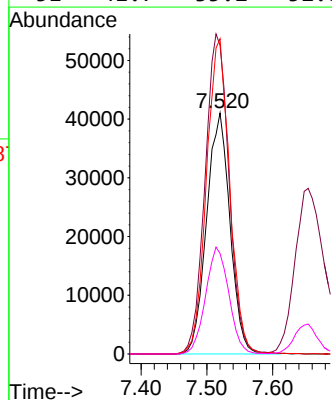
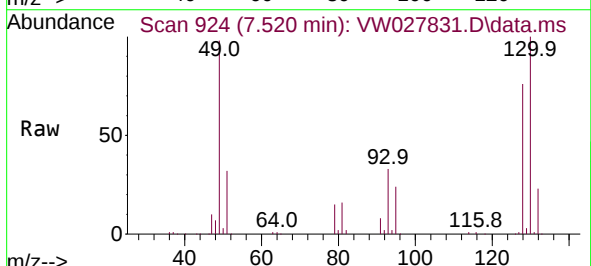
Instrument :
MSVOA_W
ClientSampleId :

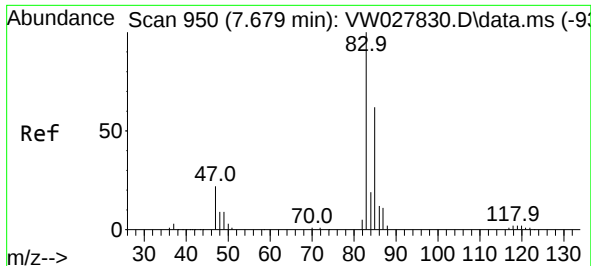
Tgt Ion: 43 Resp: 83416
Ion Ratio Lower Upper
43 100
72 33.5 16.7 50.1



#23
Bromochloromethane
Concen: 49.101 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

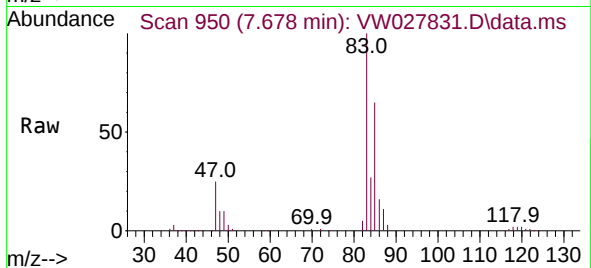
Tgt Ion: 128 Resp: 101617
Ion Ratio Lower Upper
128 100
49 128.0 89.9 166.9
130 130.8 83.3 154.7
51 41.7 35.2 52.8



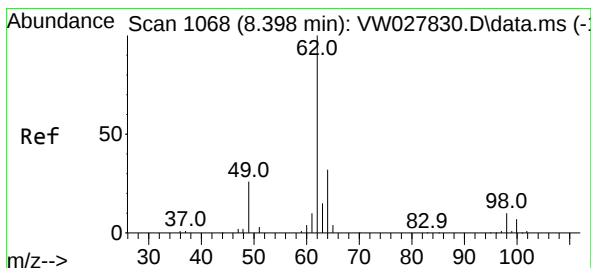
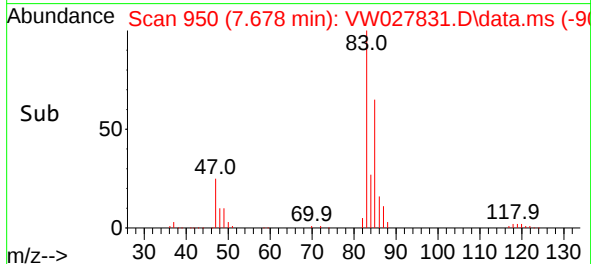
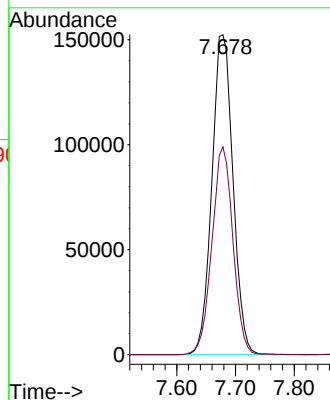


#25
Chloroform
Concen: 49.401 ug/L
RT: 7.678 min Scan# 91
Delta R.T. -0.001 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

Instrument :
MSVOA_W
ClientSampleId :

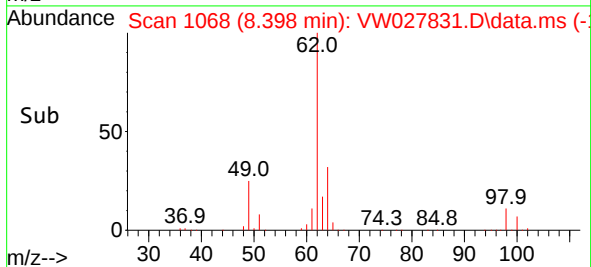
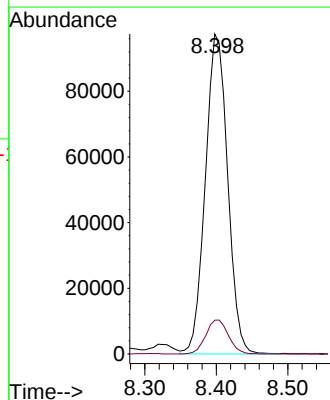
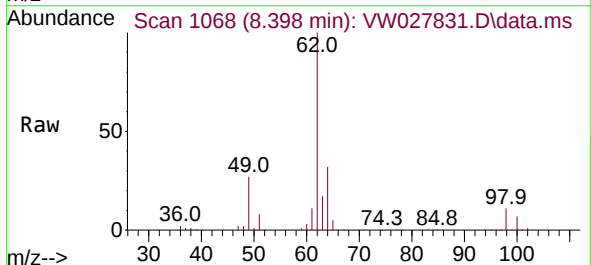


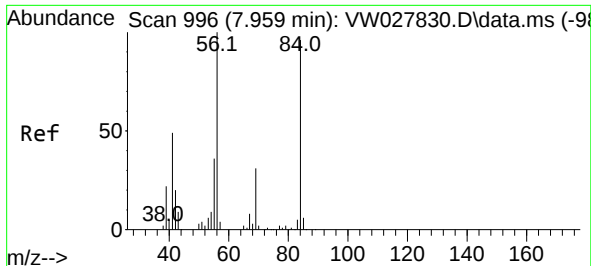
Tgt Ion: 83 Resp: 380602
Ion Ratio Lower Upper
83 100
85 64.9 43.7 81.1



#27
1,2-Dichloroethane
Concen: 48.768 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

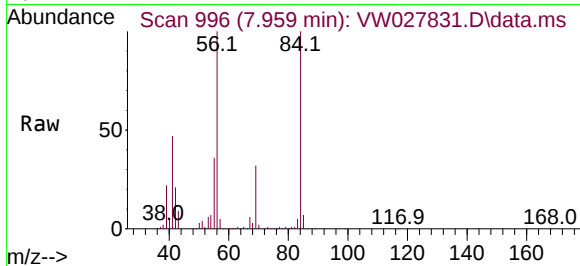
Tgt Ion: 62 Resp: 211536
Ion Ratio Lower Upper
62 100
98 10.5 8.1 12.1



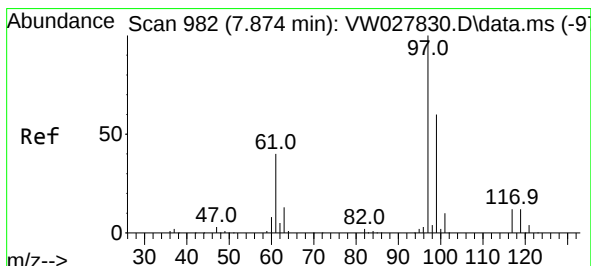
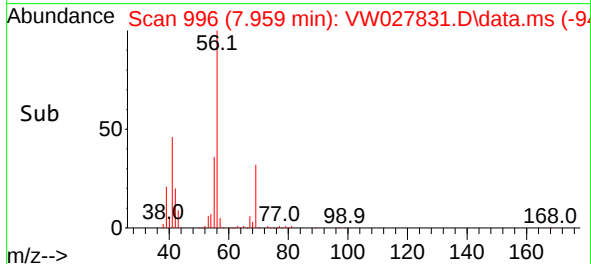
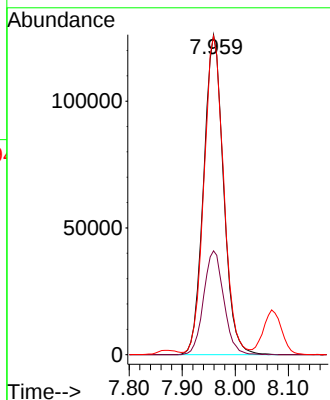


#29
Cyclohexane
Concen: 51.526 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

Instrument :
MSVOA_W
ClientSampleId :

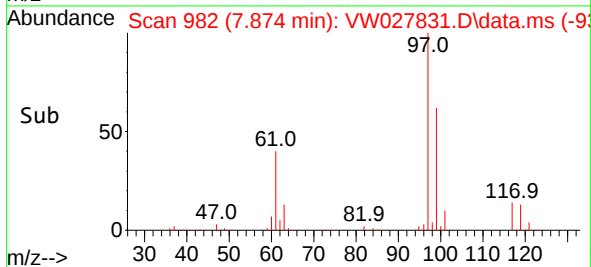
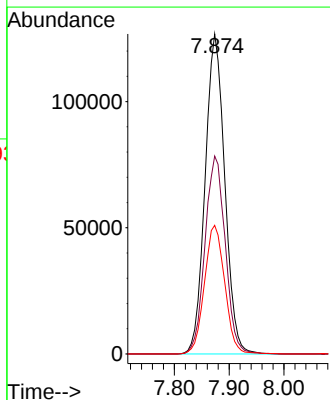
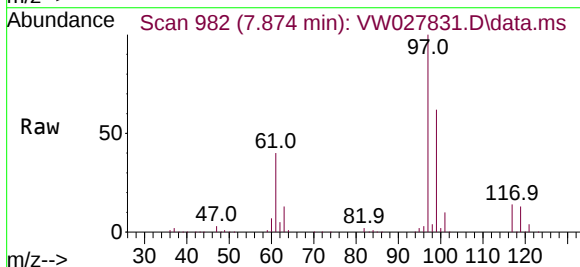


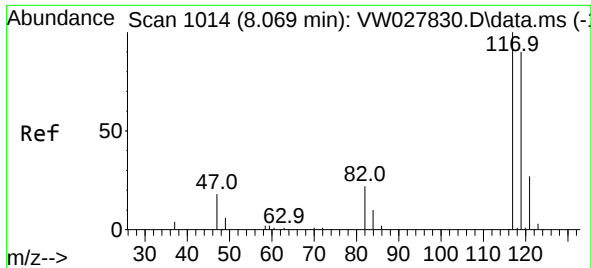
Tgt Ion: 56 Resp: 328095
Ion Ratio Lower Upper
56 100
69 32.9 25.8 38.6
84 98.9 79.0 118.4



#30
1,1,1-Trichloroethane
Concen: 50.327 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

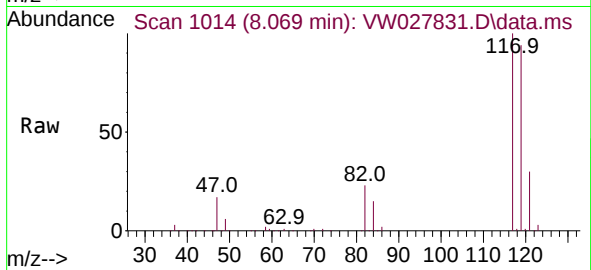
Tgt Ion: 97 Resp: 315520
Ion Ratio Lower Upper
97 100
99 63.8 50.6 75.8
61 41.4 33.6 50.4



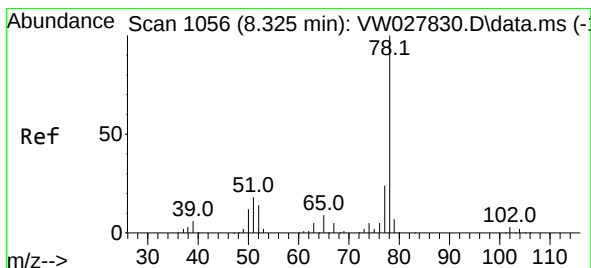
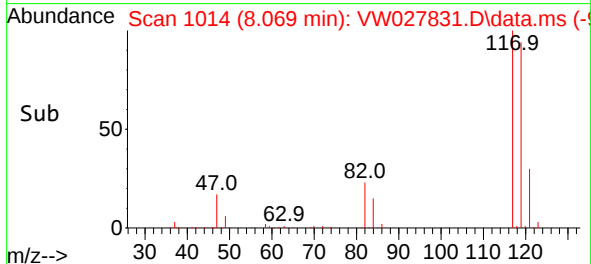
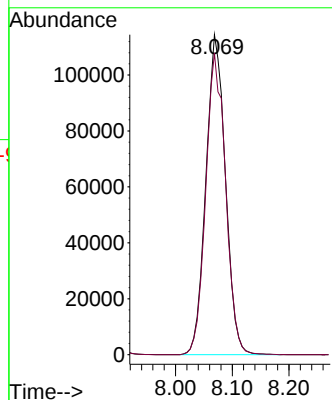


#31
Carbon tetrachloride
Concen: 50.255 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

Instrument :
MSVOA_W
ClientSampleId :

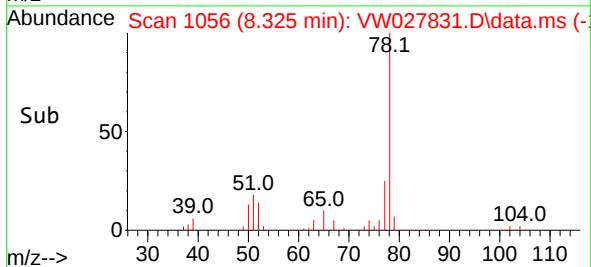
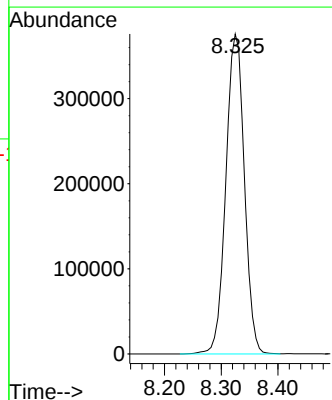
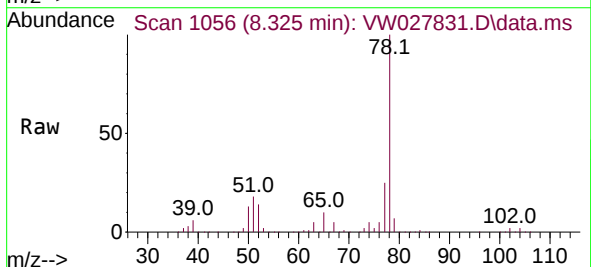


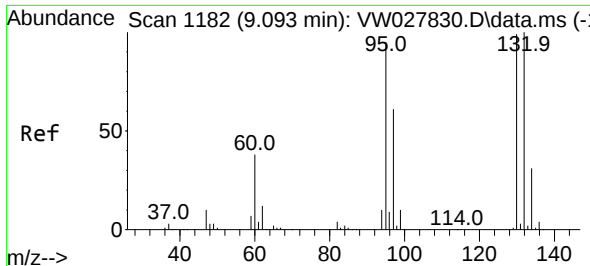
Tgt Ion:117 Resp: 274443
Ion Ratio Lower Upper
117 100
119 95.7 74.8 112.2



#33
Benzene
Concen: 49.465 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

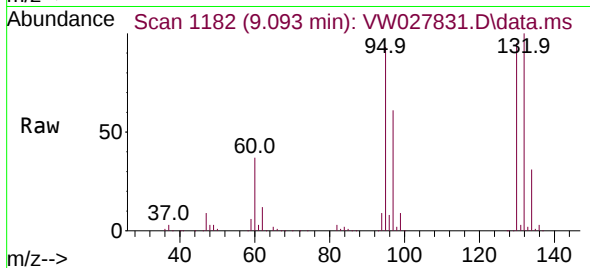
Tgt Ion: 78 Resp: 852479





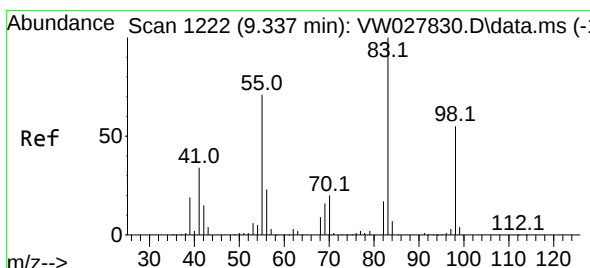
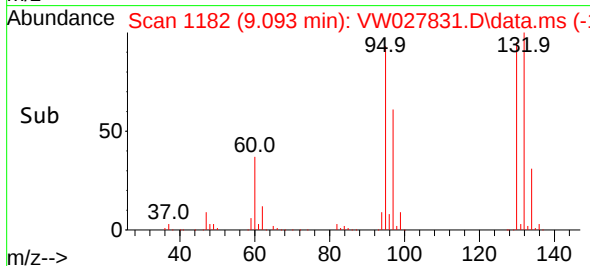
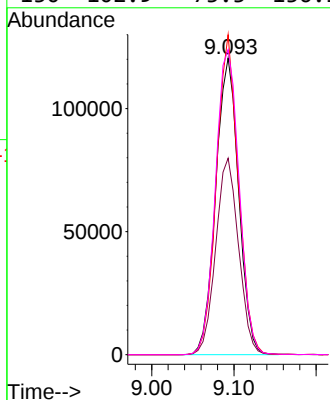
#34
Trichloroethene
Concen: 49.514 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 233757

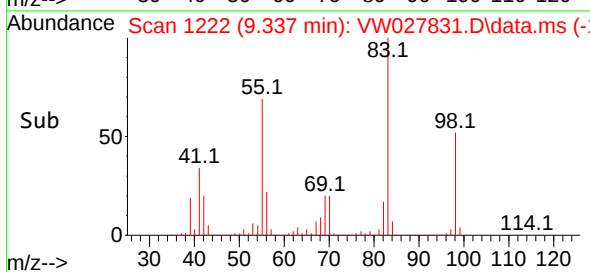
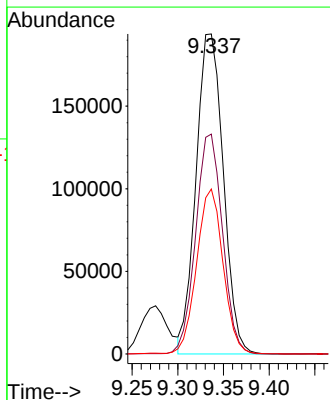
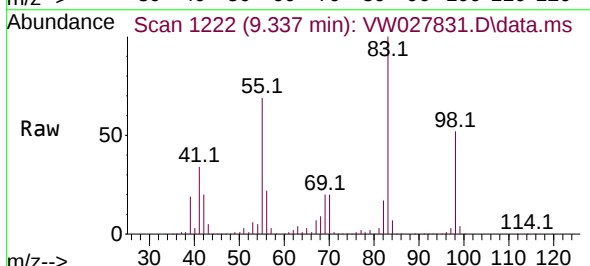
Ion	Ratio	Lower	Upper
95	100		
97	66.3	45.1	83.9
132	107.9	74.1	137.5
130	102.9	73.3	136.1

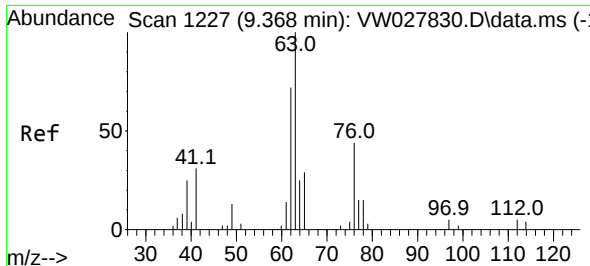


#35
Methylcyclohexane
Concen: 50.703 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

Tgt Ion: 83 Resp: 402489

Ion	Ratio	Lower	Upper
83	100		
55	67.4	54.7	82.1
98	49.9	41.0	61.4





#37

1,2-Dichloropropane

Concen: 49.128 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027831.D

Acq: 08 Jan 2024 15:02

Instrument :

MSVOA_W

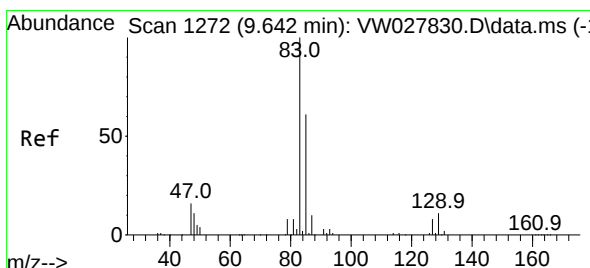
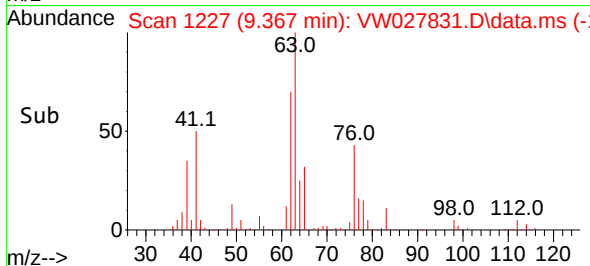
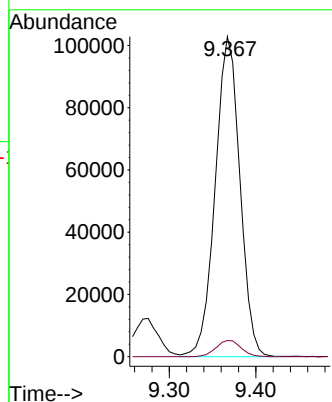
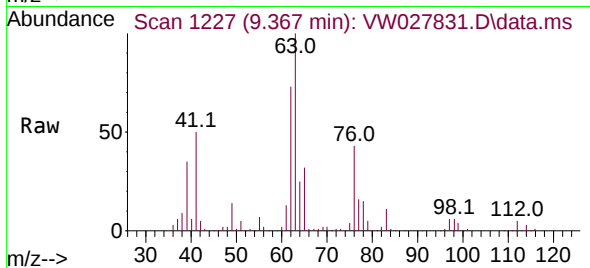
ClientSampleId :

Tgt Ion: 63 Resp: 203506

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.2



#38

Bromodichloromethane

Concen: 49.763 ug/L

RT: 9.641 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027831.D

Acq: 08 Jan 2024 15:02

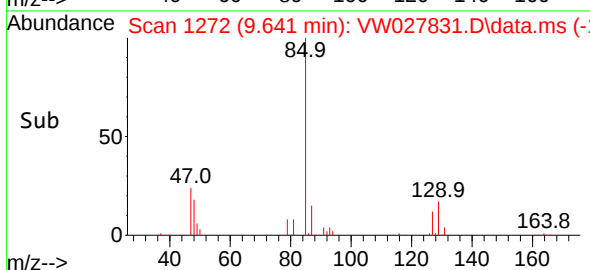
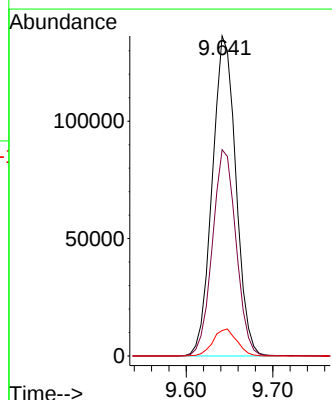
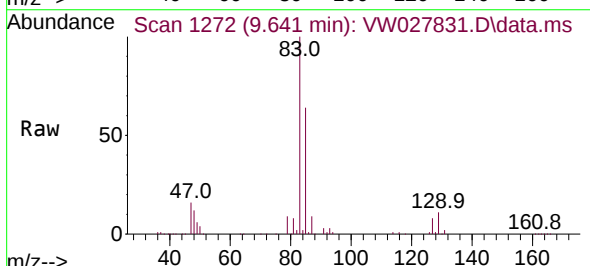
Tgt Ion: 83 Resp: 258316

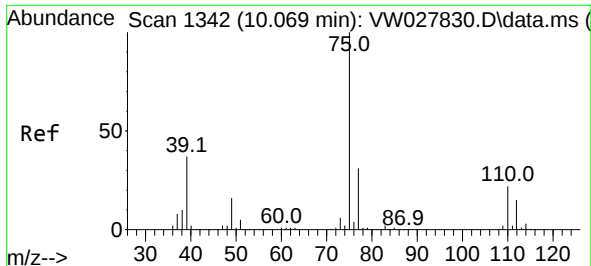
Ion Ratio Lower Upper

83 100

85 64.4 43.0 79.8

127 8.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 51.120 ug/L

RT: 10.074 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW027831.D

Acq: 08 Jan 2024 15:02

Instrument :

MSVOA_W

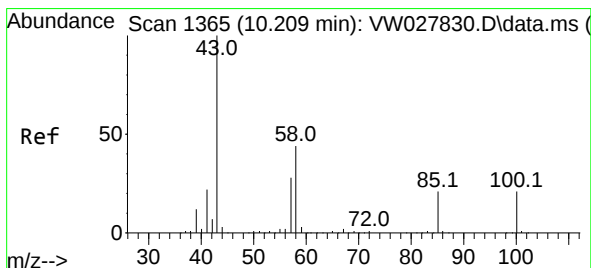
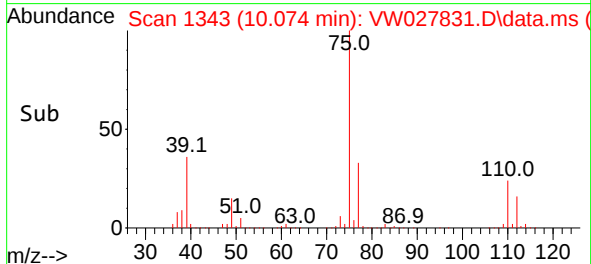
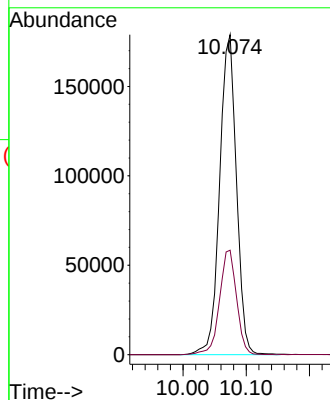
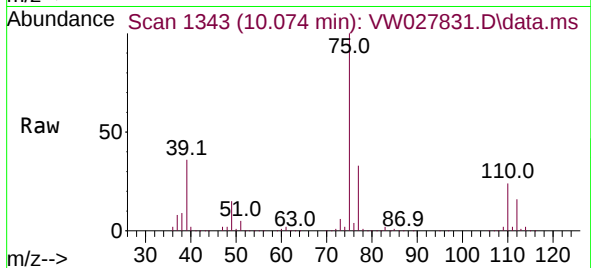
ClientSampleId :

Tgt Ion: 75 Resp: 328557

Ion Ratio Lower Upper

75 100

77 32.7 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 100.273 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.001 min

Lab File: VW027831.D

Acq: 08 Jan 2024 15:02

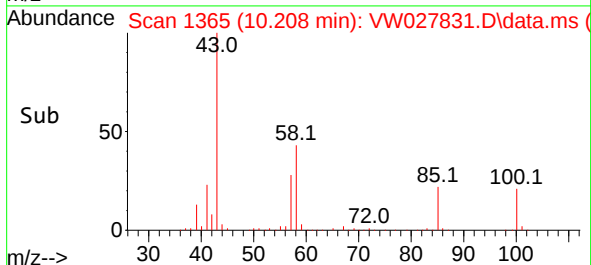
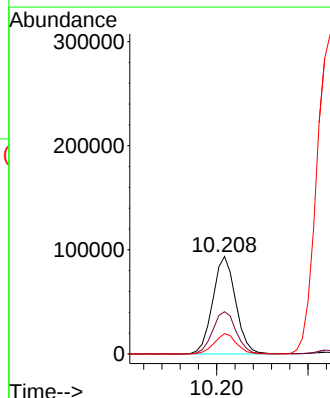
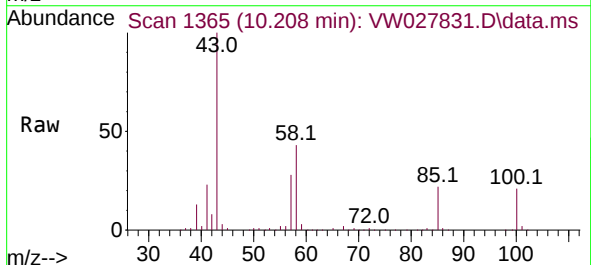
Tgt Ion: 43 Resp: 163004

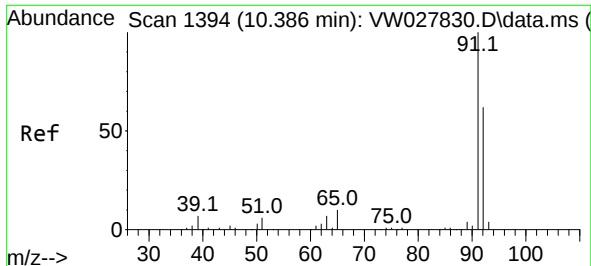
Ion Ratio Lower Upper

43 100

58 44.5 36.9 55.3

100 20.3 16.7 25.1





#42

Toluene

Concen: 50.432 ug/L

RT: 10.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027831.D

Acq: 08 Jan 2024 15:02

Instrument :

MSVOA_W

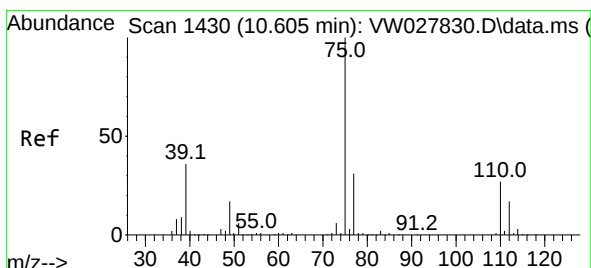
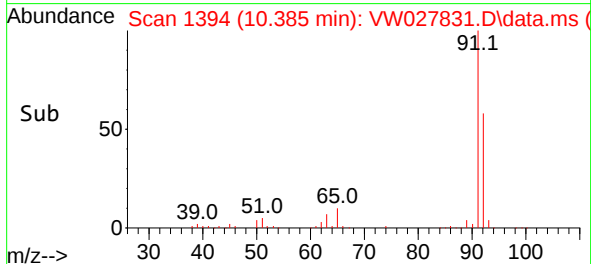
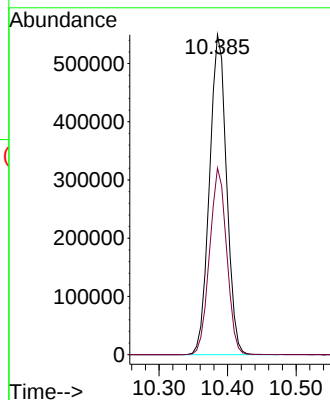
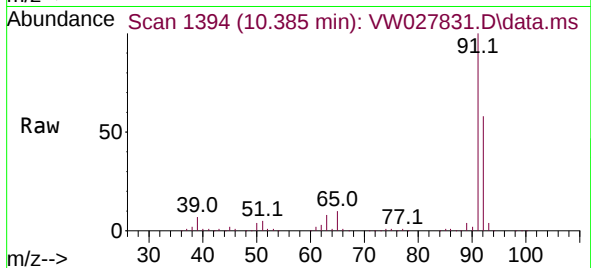
ClientSampleId :

Tgt Ion: 91 Resp: 951816

Ion Ratio Lower Upper

91 100

92 58.3 43.5 80.7



#44

trans-1,3-Dichloropropene

Concen: 52.627 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027831.D

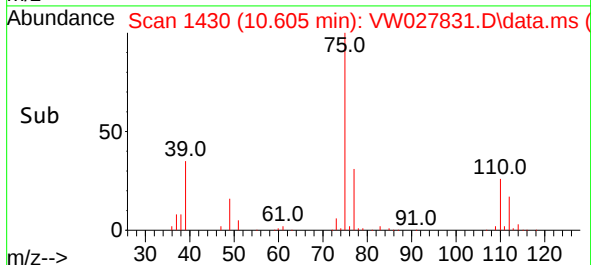
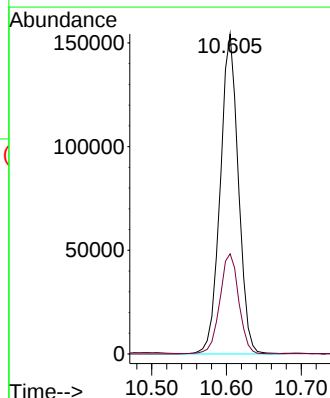
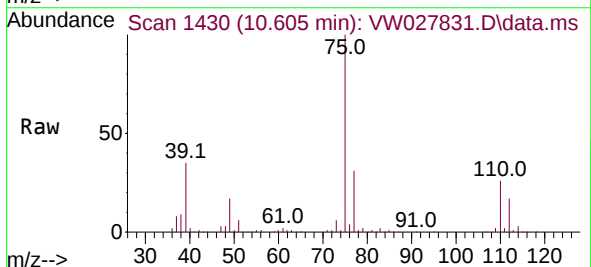
Acq: 08 Jan 2024 15:02

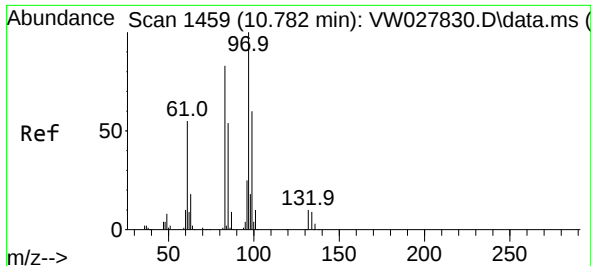
Tgt Ion: 75 Resp: 260598

Ion Ratio Lower Upper

75 100

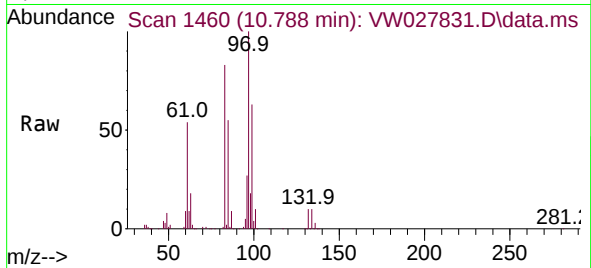
77 31.3 21.8 40.4



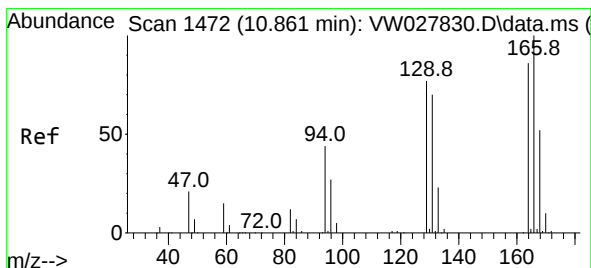
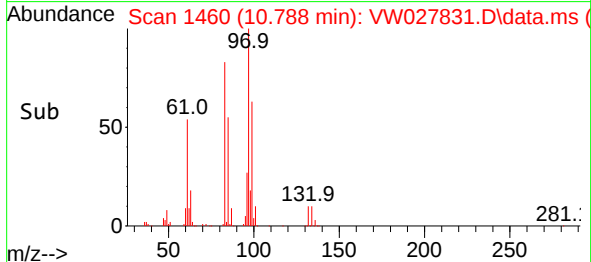
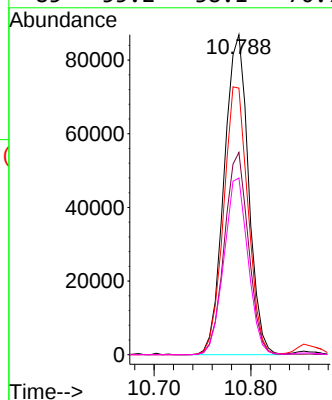


#45
1,1,2-Trichloroethane
Concen: 48.896 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

Instrument :
MSVOA_W
ClientSampleId :

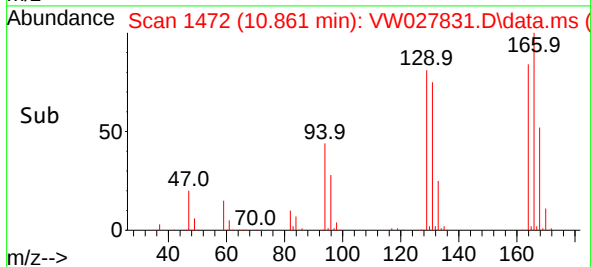
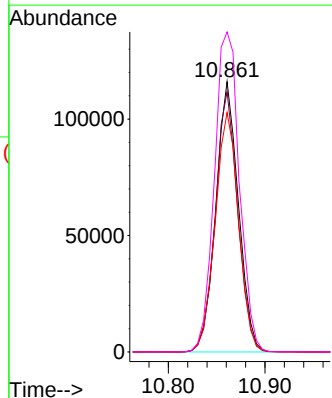
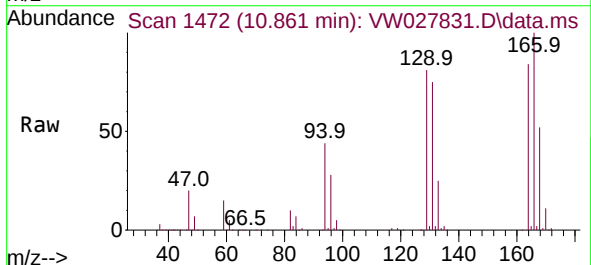


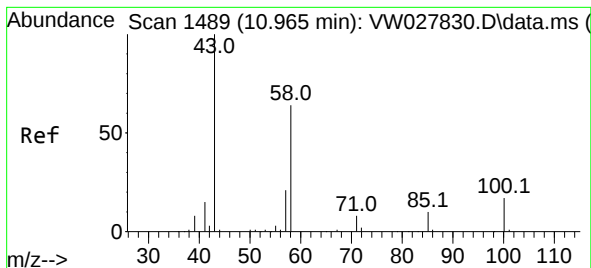
Tgt Ion:	97	Resp:	151823
Ion	Ratio	Lower	Upper
97	100		
99	63.2	42.1	78.3
83	83.3	58.4	108.4
85	55.2	38.1	70.7



#46
Tetrachloroethene
Concen: 49.595 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

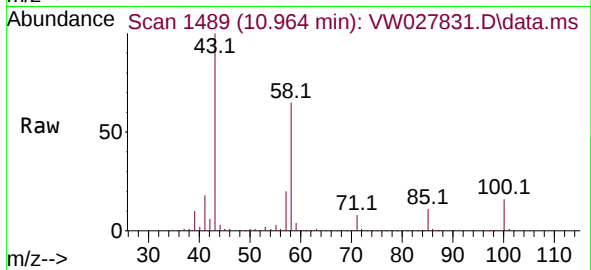
Tgt Ion:	164	Resp:	188529
Ion	Ratio	Lower	Upper
164	100		
129	96.3	62.7	116.5
131	88.6	57.3	106.5
166	118.4	82.0	152.4



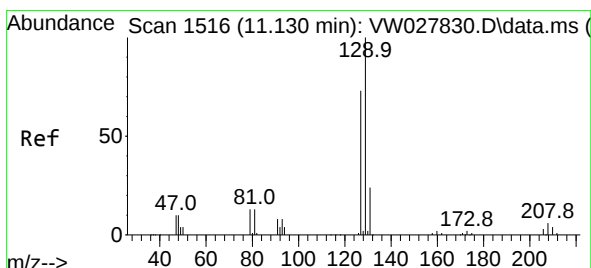
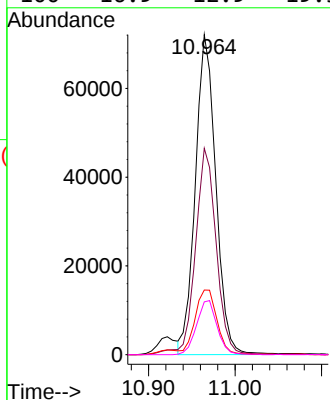
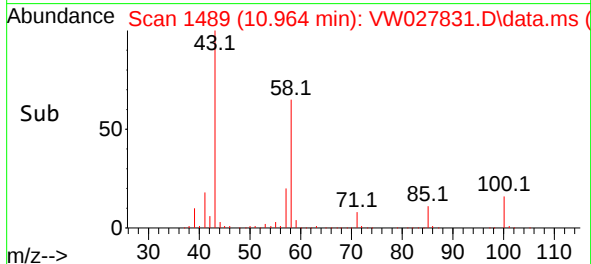


#48
2-Hexanone
Concen: 99.644 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

Instrument :
MSVOA_W
ClientSampleId :

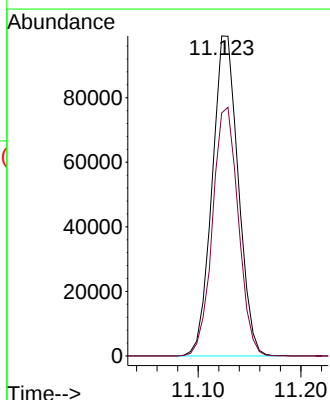
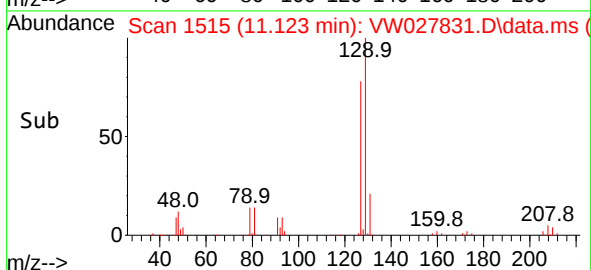
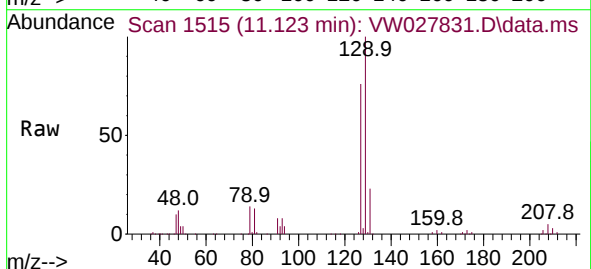


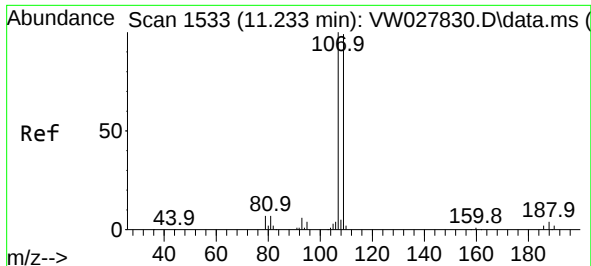
Tgt Ion: 43 Resp: 118515
Ion Ratio Lower Upper
43 100
58 63.8 49.3 73.9
57 21.7 17.0 25.4
100 16.9 12.9 19.3



#49
Dibromochloromethane
Concen: 51.835 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.007 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

Tgt Ion:129 Resp: 174975
Ion Ratio Lower Upper
129 100
127 75.9 51.0 94.6





#50

1,2-Dibromoethane

Concen: 49.782 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

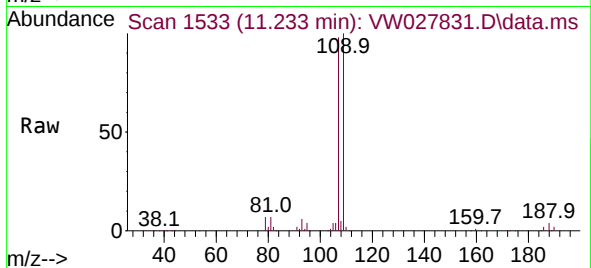
Lab File: VW027831.D

Acq: 08 Jan 2024 15:02

Instrument :

MSVOA_W

ClientSampleId :



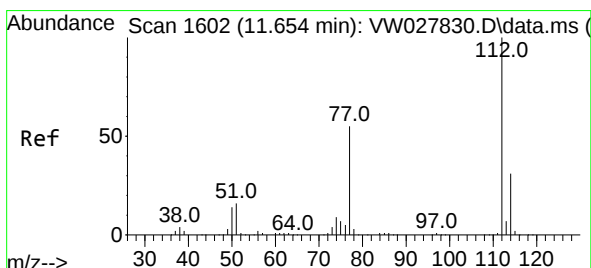
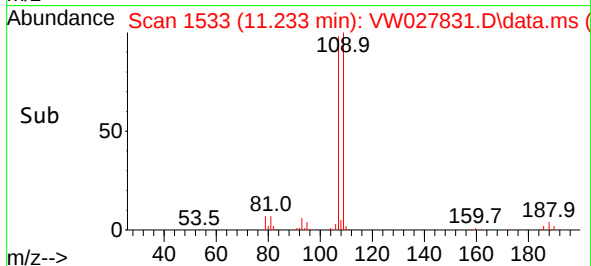
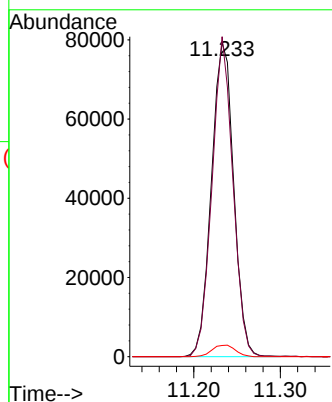
Tgt Ion:107 Resp: 141561

Ion Ratio Lower Upper

107 100

109 101.8 69.3 128.7

188 3.6 3.0 4.4



#51

Chlorobenzene

Concen: 50.440 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027831.D

Acq: 08 Jan 2024 15:02

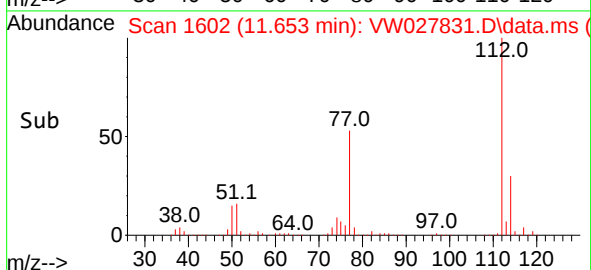
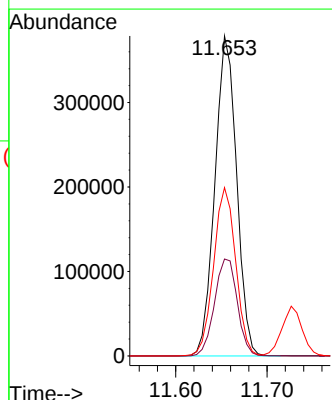
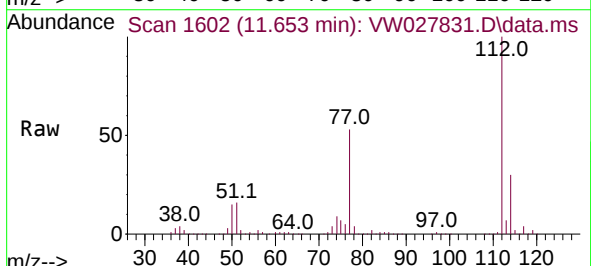
Tgt Ion:112 Resp: 625399

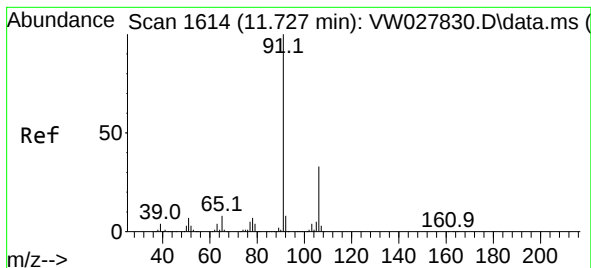
Ion Ratio Lower Upper

112 100

114 30.3 21.3 39.6

77 52.6 44.5 66.7

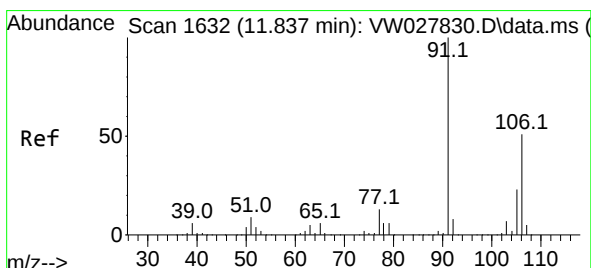
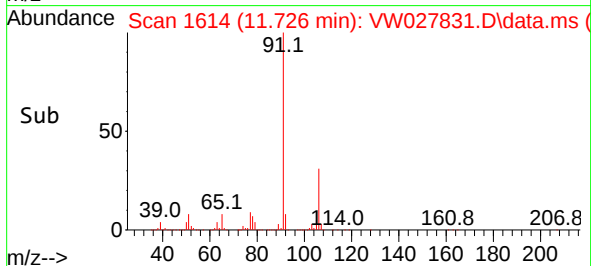
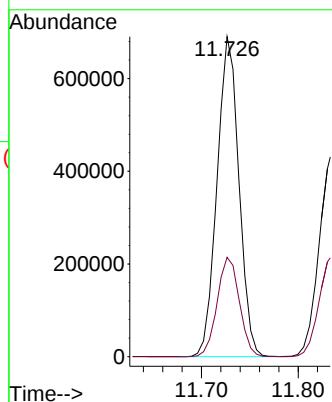
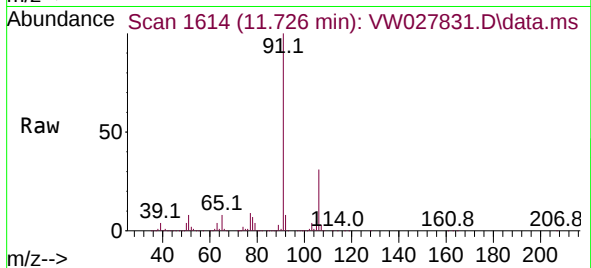




#52
Ethylbenzene
Concen: 50.999 ug/L
RT: 11.726 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

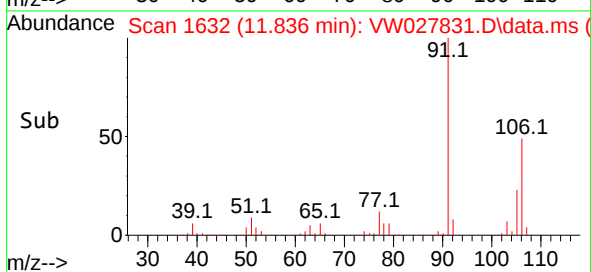
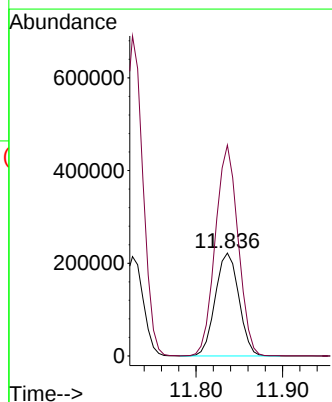
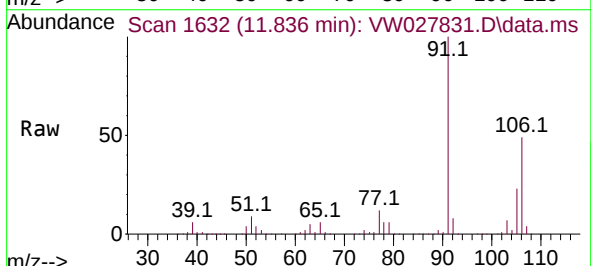
Instrument :
MSVOA_W
ClientSampleId :

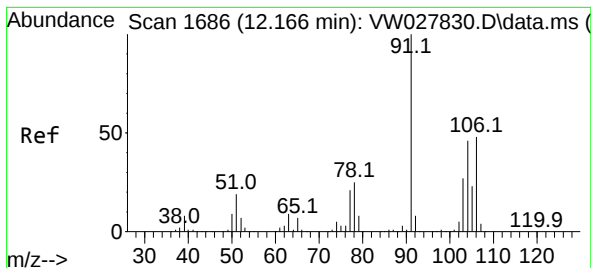
Tgt Ion: 91 Resp: 1083586
Ion Ratio Lower Upper
91 100
106 31.1 23.0 42.6



#53
m,p-Xylene
Concen: 51.151 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

Tgt Ion:106 Resp: 420682
Ion Ratio Lower Upper
106 100
91 204.9 137.0 254.4





#54

o-Xylene

Concen: 51.576 ug/L

RT: 12.159 min Scan# 1

Delta R.T. -0.007 min

Lab File: VW027831.D

Acq: 08 Jan 2024 15:02

Instrument :

MSVOA_W

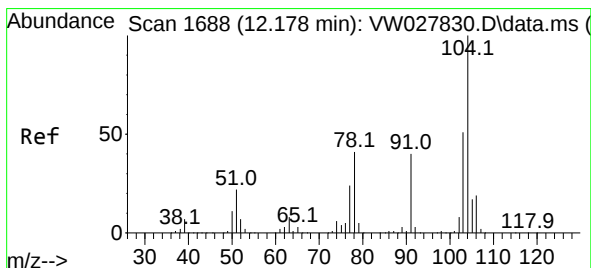
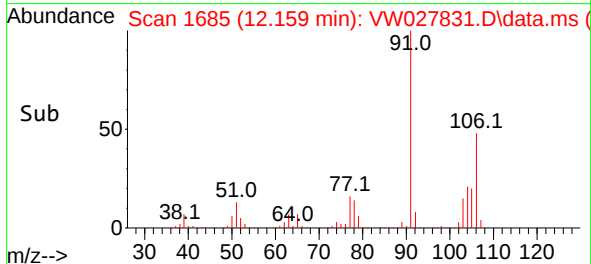
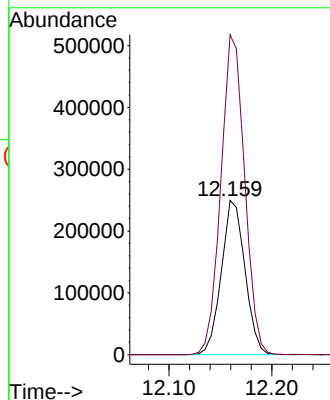
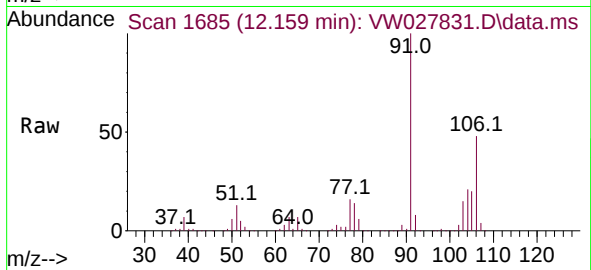
ClientSampleId :

Tgt Ion:106 Resp: 397990

Ion Ratio Lower Upper

106 100

91 207.5 146.4 271.8



#55

Styrene

Concen: 51.917 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027831.D

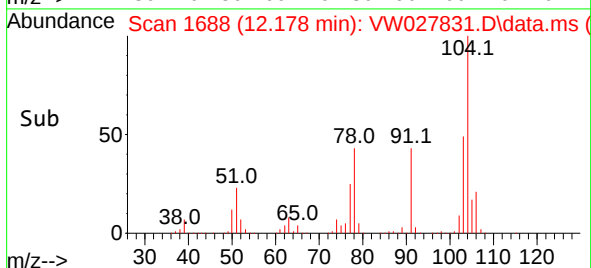
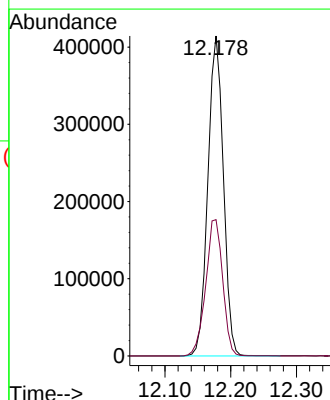
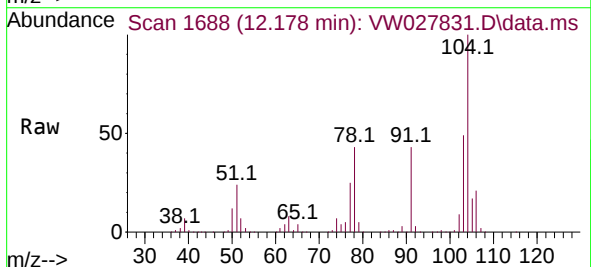
Acq: 08 Jan 2024 15:02

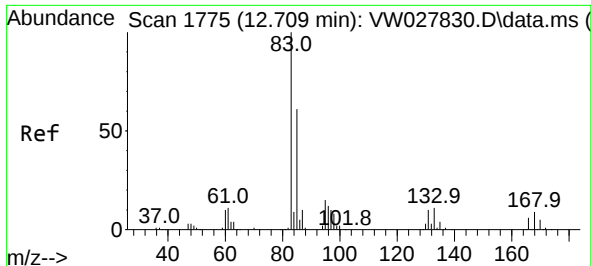
Tgt Ion:104 Resp: 679493

Ion Ratio Lower Upper

104 100

78 42.6 28.8 53.6

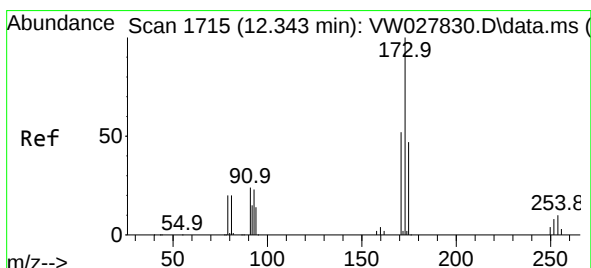
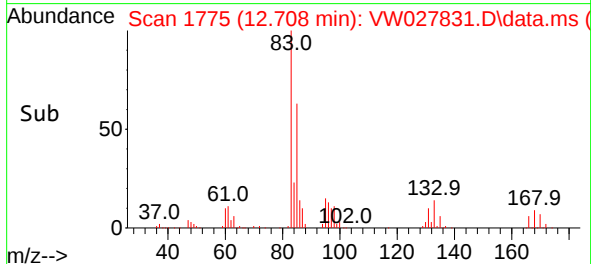
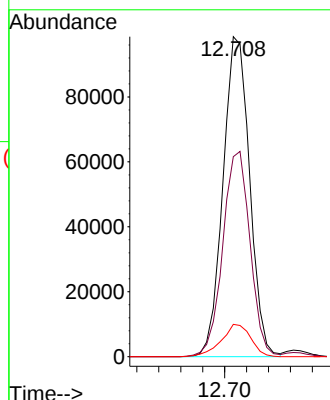
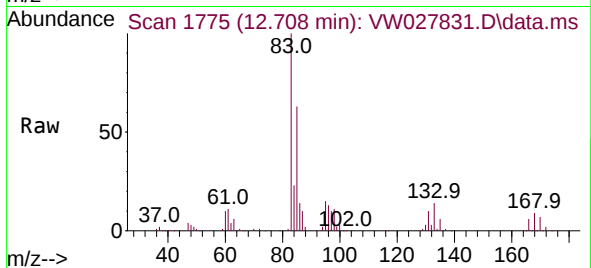




#57
1,1,2,2-Tetrachloroethane
Concen: 49.300 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

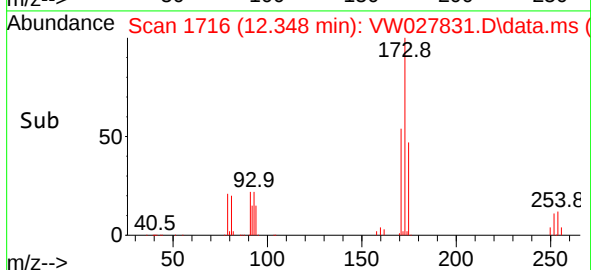
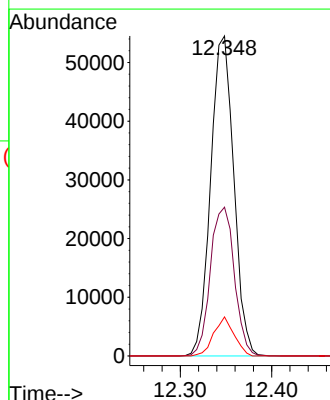
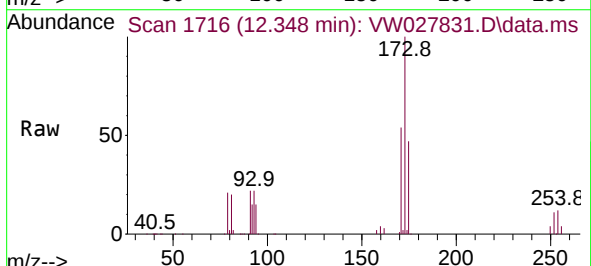
Instrument :
MSVOA_W
ClientSampleId :

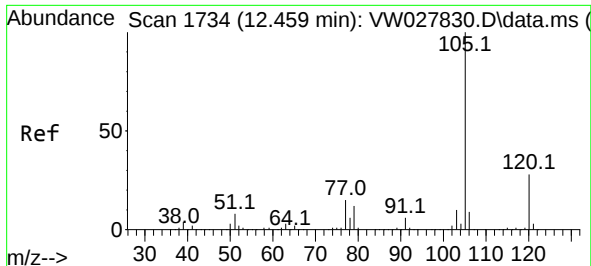
Tgt Ion: 83 Resp: 166338
Ion Ratio Lower Upper
83 100
85 62.5 43.2 80.2
131 10.1 8.2 12.2



#59
Bromoform
Concen: 47.967 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

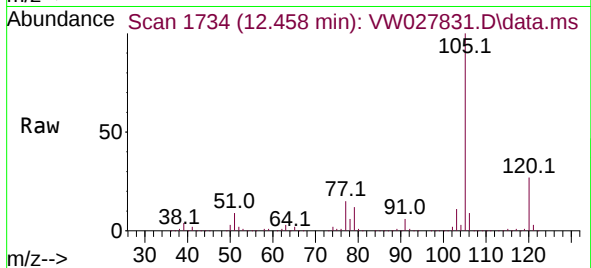
Tgt Ion:173 Resp: 95784
Ion Ratio Lower Upper
173 100
175 48.2 35.9 53.9
254 10.8 5.1 7.7#



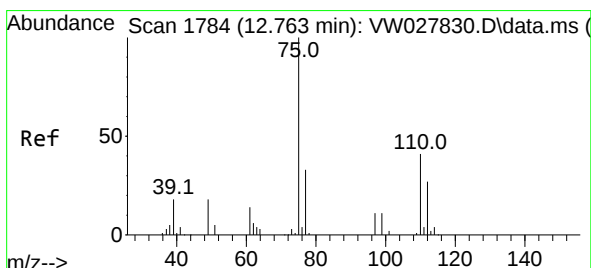
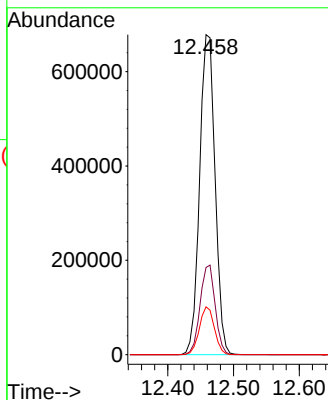
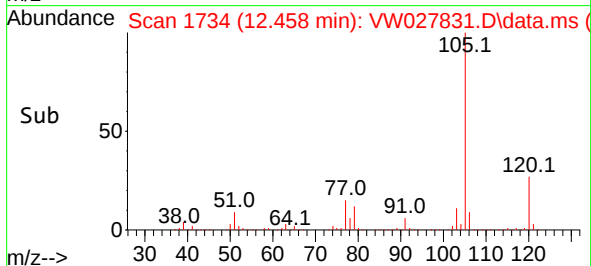


#60
Isopropylbenzene
Concen: 49.658 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

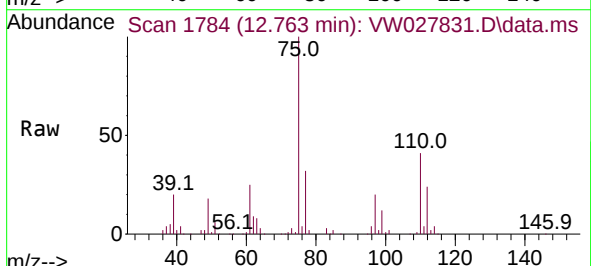
Instrument :
MSVOA_W
ClientSampleId :



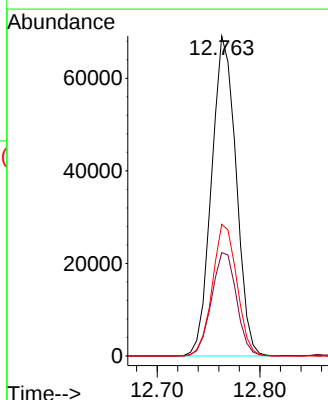
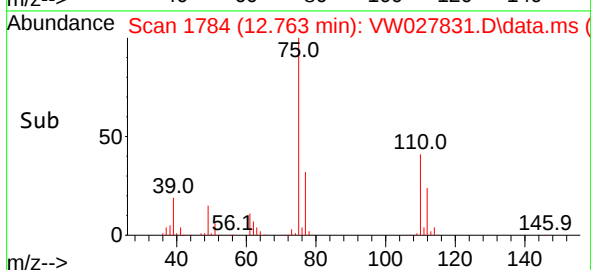
Tgt Ion:105 Resp: 1107836
Ion Ratio Lower Upper
105 100
120 27.3 21.9 32.9
77 14.5 11.8 17.6

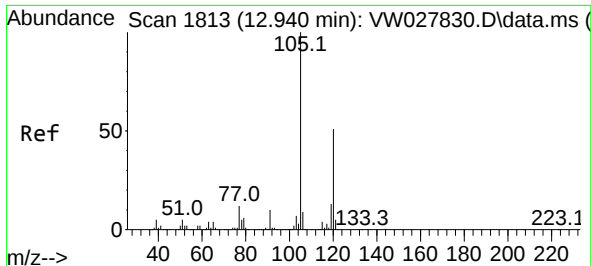


#61
1,2,3-Trichloropropane
Concen: 46.245 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02



Tgt Ion: 75 Resp: 114681
Ion Ratio Lower Upper
75 100
77 32.9 26.1 39.1
110 41.1 33.1 49.7

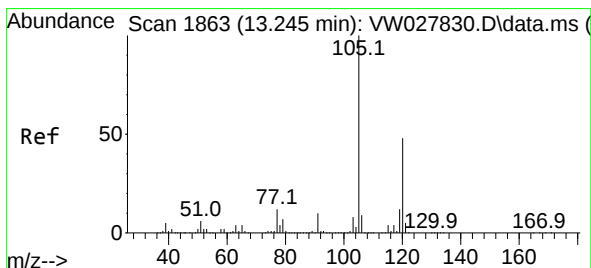
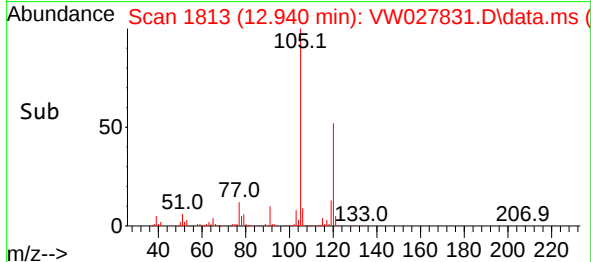
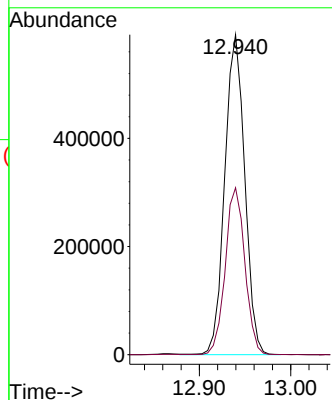
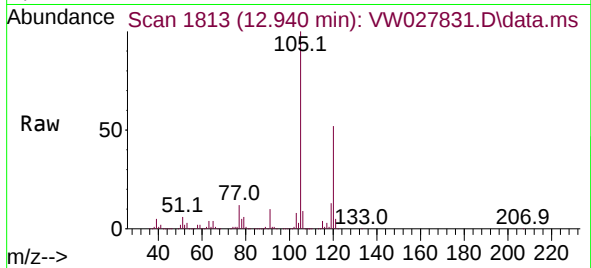




#62
1,3,5-Trimethylbenzene
Concen: 50.788 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

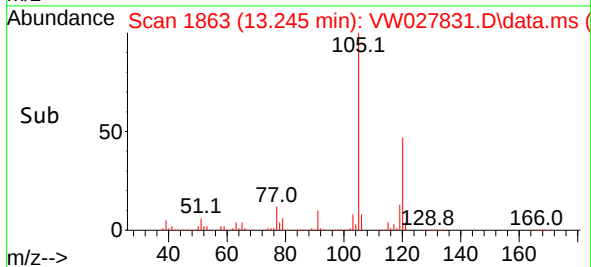
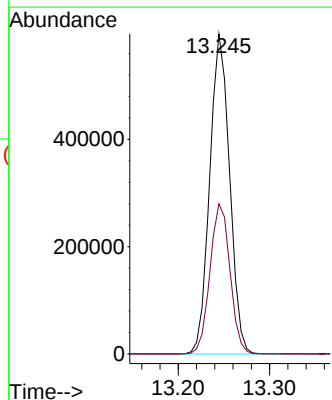
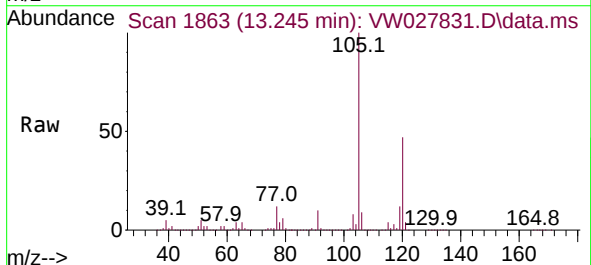
Instrument :
MSVOA_W
ClientSampleId :

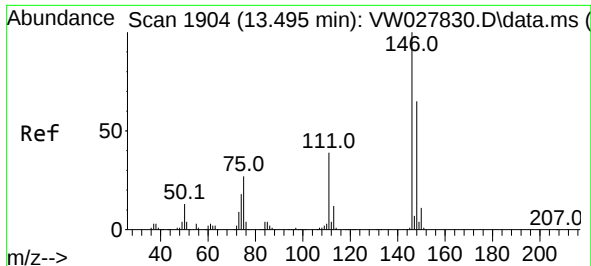
Tgt Ion:105 Resp: 899490
Ion Ratio Lower Upper
105 100
120 51.2 41.2 61.8



#63
1,2,4-Trimethylbenzene
Concen: 51.045 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

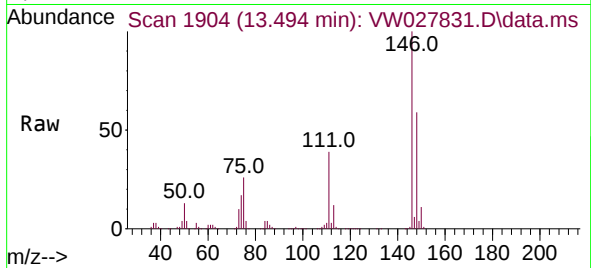
Tgt Ion:105 Resp: 902004
Ion Ratio Lower Upper
105 100
120 47.2 38.2 57.2



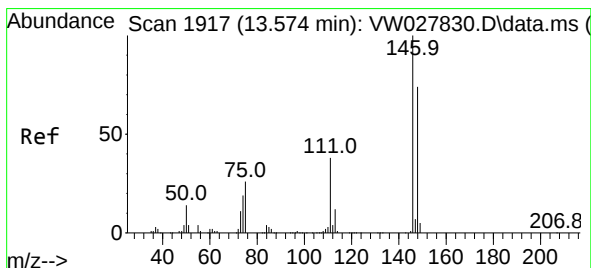
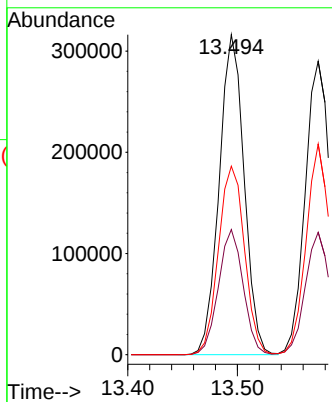
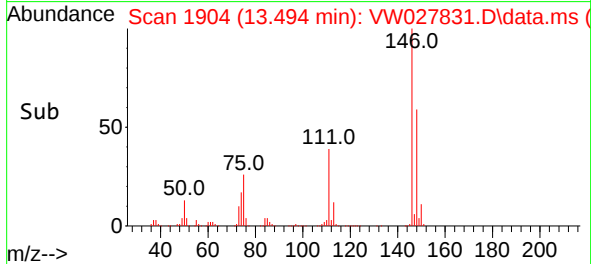


#64
1,3-Dichlorobenzene
Concen: 49.565 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

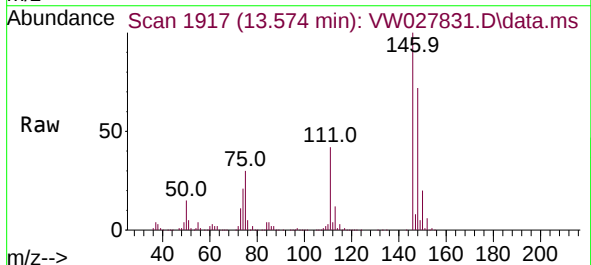
Instrument :
MSVOA_W
ClientSampleId :



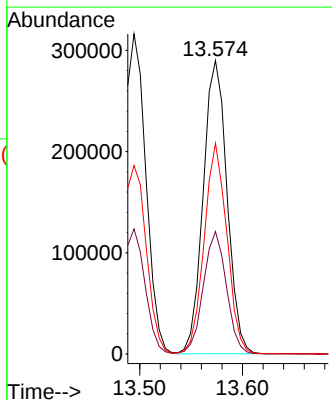
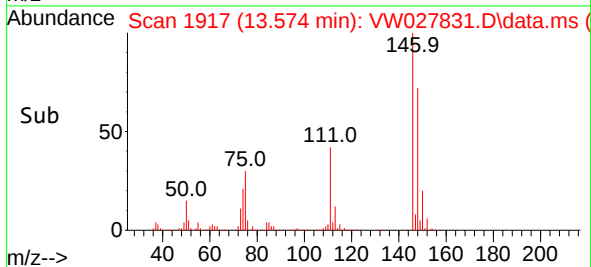
Tgt Ion:146 Resp: 501310
Ion Ratio Lower Upper
146 100
111 39.1 27.2 50.6
148 58.9 45.5 84.5

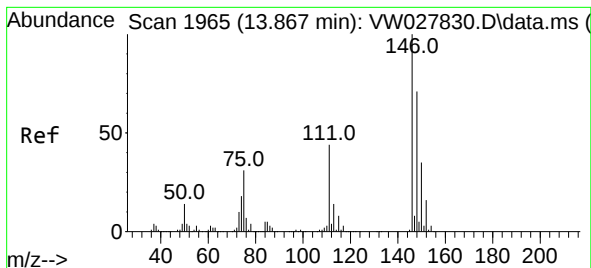


#65
1,4-Dichlorobenzene
Concen: 46.869 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02



Tgt Ion:146 Resp: 466968
Ion Ratio Lower Upper
146 100
111 41.7 26.6 49.4
148 71.8 52.1 96.7





#67

1,2-Dichlorobenzene

Concen: 47.434 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027831.D

Acq: 08 Jan 2024 15:02

Instrument :

MSVOA_W

ClientSampleId :

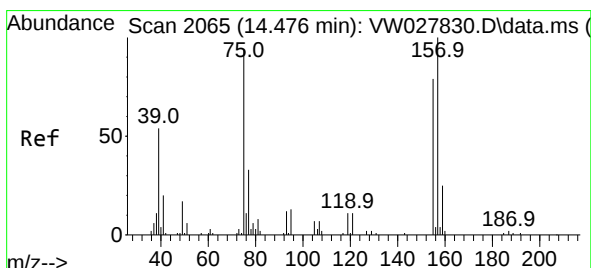
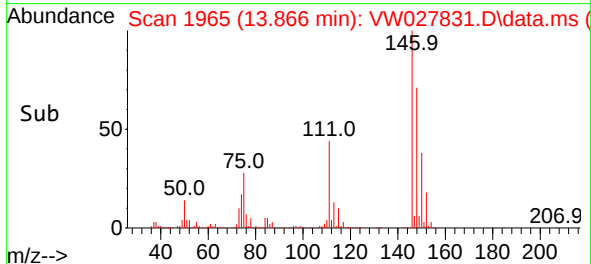
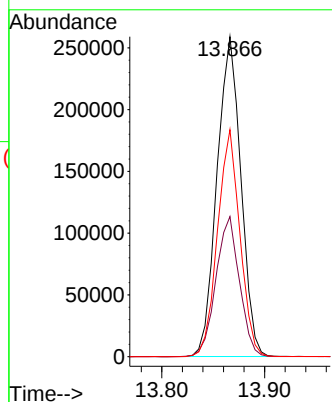
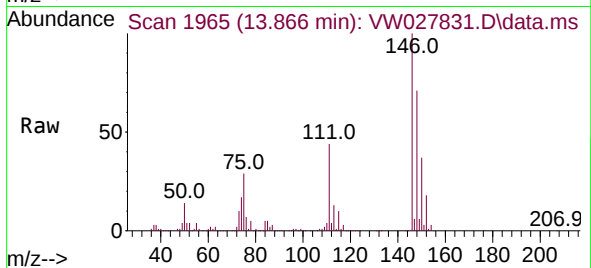
Tgt Ion:146 Resp: 418107

Ion Ratio Lower Upper

146 100

111 43.8 34.9 52.3

148 70.9 56.6 84.8



#68

1,2-Dibromo-3-chloropropane

Concen: 47.614 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW027831.D

Acq: 08 Jan 2024 15:02

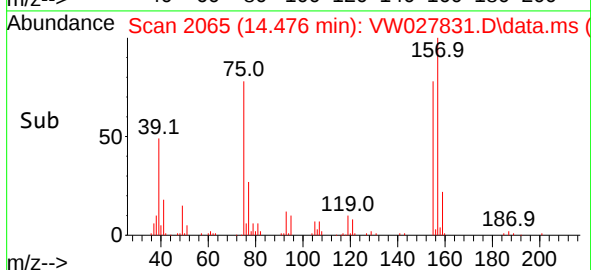
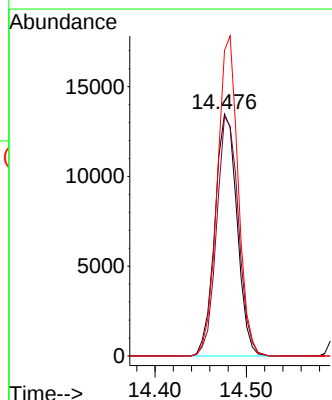
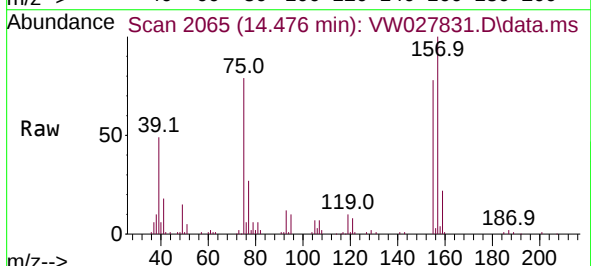
Tgt Ion: 75 Resp: 22695

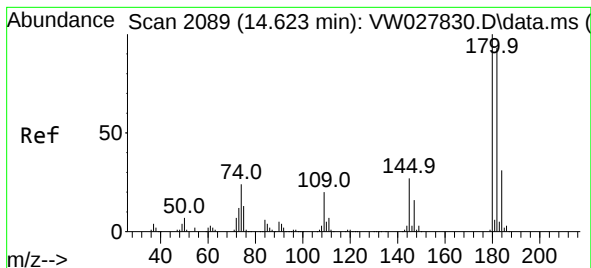
Ion Ratio Lower Upper

75 100

155 99.1 67.8 101.8

157 126.3 85.4 128.0





#69

1,3,5-Trichlorobenzene

Concen: 47.703 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

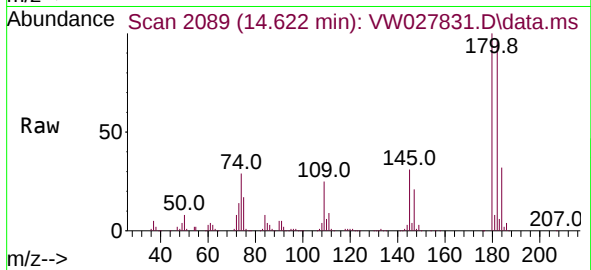
Lab File: VW027831.D

Acq: 08 Jan 2024 15:02

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 336899

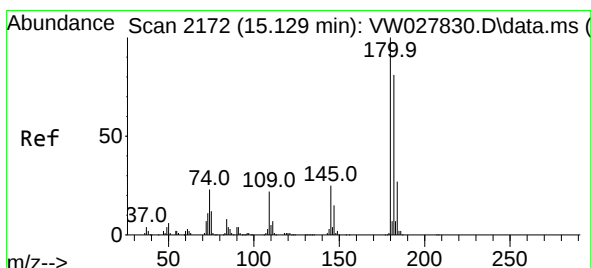
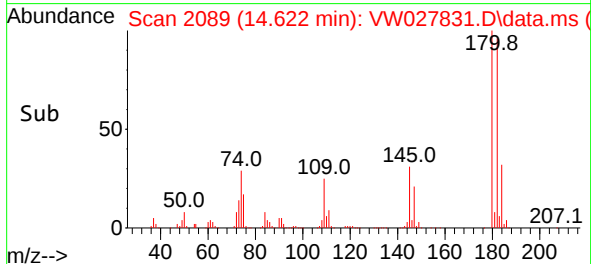
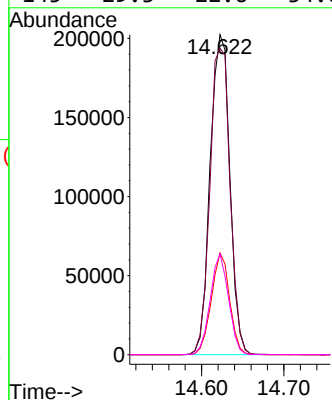
Ion Ratio Lower Upper

180 100

182 98.1 72.6 109.0

184 29.6 22.7 34.1

145 29.3 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 50.138 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027831.D

Acq: 08 Jan 2024 15:02

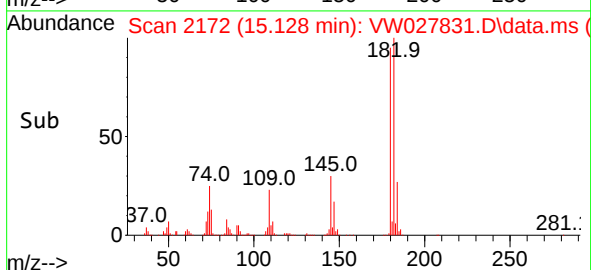
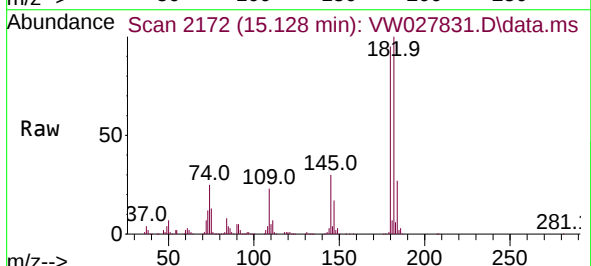
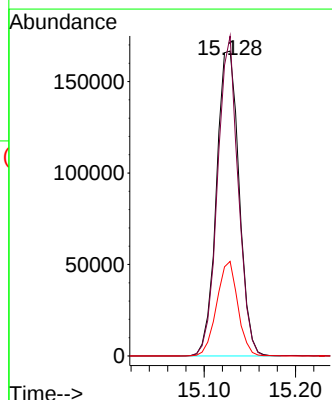
Tgt Ion:180 Resp: 286937

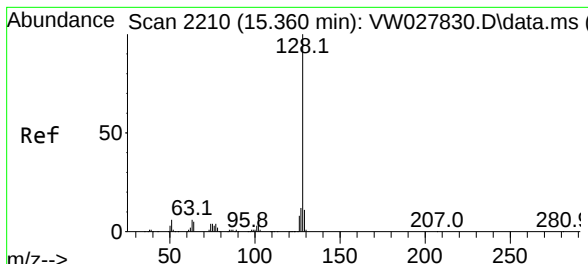
Ion Ratio Lower Upper

180 100

182 95.3 69.4 104.2

145 28.9 23.4 35.2



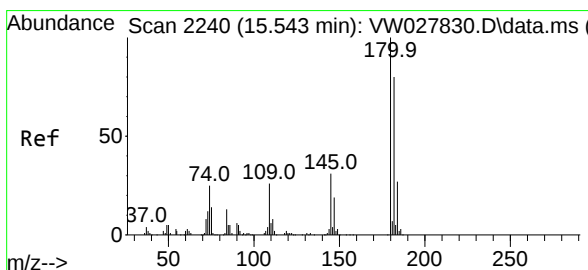
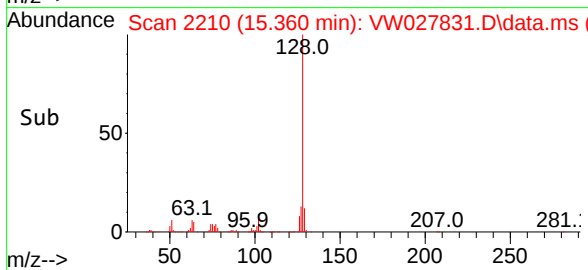
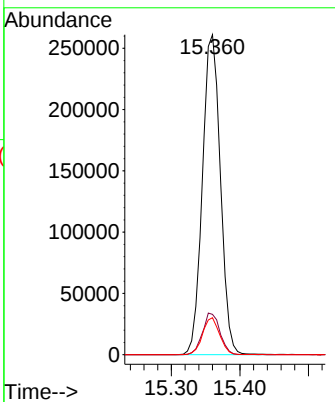
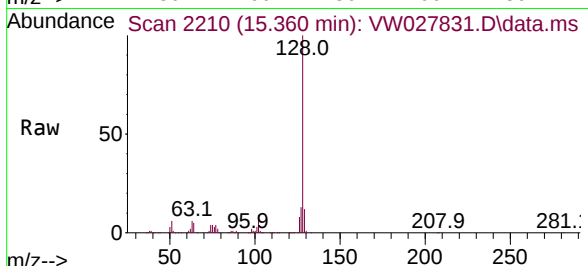


#71
Naphthalene
Concen: 49.985 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 476178

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.0	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 49.696 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW027831.D
Acq: 08 Jan 2024 15:02

Tgt Ion:180 Resp: 240383

Ion	Ratio	Lower	Upper
180	100		
182	92.6	74.7	112.1
145	31.5	25.0	37.6

