

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032224\
 Data File : VW028236.D
 Acq On : 22 Mar 2024 18:37
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 23 01:03:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Mar 23 01:00:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	198863	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	183911	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	93186	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	46023	19.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.120%
7) Chloroethane-d5	2.899	69	37089	22.815	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.280%
11) 1,1-Dichloroethene-d2	4.021	65	31771	21.532	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.120%
21) 2-Butanone-d5	7.081	46	36162	52.694	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.380%
24) Chloroform-d	7.648	84	158390	27.011	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.040%
26) 1,2-Dichloroethane-d4	8.307	65	84353	26.103	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	8.276	84	296087	26.369	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.480%
36) 1,2-Dichloropropane-d6	9.270	67	86317	26.713	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.840%
41) Toluene-d8	10.318	98	269268	25.999	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	10.575	79	38235	26.053	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.200%
47) 2-Hexanone-d5	10.922	63	30300	56.729	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	66818	27.993	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	98577	29.039	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.160%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	47245	16.377	ug/L #	85
3) Chloromethane	2.222	50	40301	19.697	ug/L	97
5) Vinyl chloride	2.375	62	49246	21.293	ug/L	95
6) Bromomethane	2.789	94	31141	22.609	ug/L	93
8) Chloroethane	2.936	64	28597	23.004	ug/L	91
9) Trichlorofluoromethane	3.271	101	63844	22.832	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	61417	22.109	ug/L	95
12) 1,1-Dichloroethene	4.051	96	58550	22.800	ug/L	88
13) Acetone	4.137	43	26624	34.941	ug/L	99
14) Carbon disulfide	4.393	76	174201	21.750	ug/L	98
15) Methyl Acetate	4.679	43	25400	21.641	ug/L	99
16) Methylene chloride	4.923	84	67188	22.198	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	64649	23.689	ug/L	96
18) Methyl tert-butyl Ether	5.435	73	102345	24.856	ug/L	99
19) 1,1-Dichloroethane	6.222	63	128624	24.345	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	71690	24.323	ug/L	99
22) 2-Butanone	7.173	43	35030	40.491	ug/L	98
23) Bromochloromethane	7.514	128	32631	25.042	ug/L	94
25) Chloroform	7.673	83	132079	24.283	ug/L	100

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 Quant Title : SFAM01.0
 QLast Update : Sat Mar 23 01:00:21 2024
 Response via : Initial Calibration

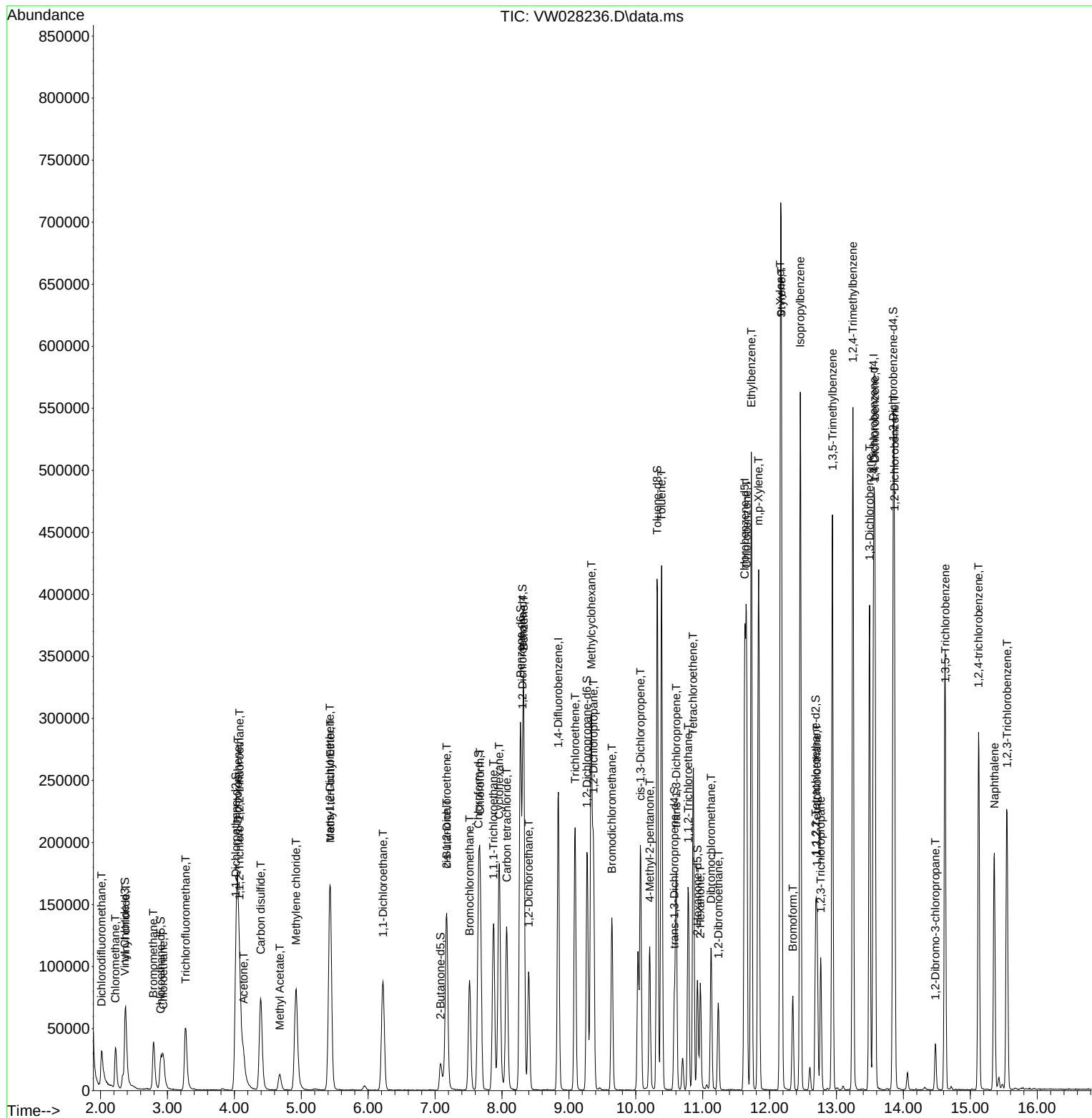
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	89956	23.420	ug/L	97
29) Cyclohexane	7.959	56	107797	22.472	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	112730	23.384	ug/L	99
31) Carbon tetrachloride	8.069	117	102458	22.658	ug/L	99
33) Benzene	8.325	78	275340	24.330	ug/L	100
34) Trichloroethene	9.093	95	75144	23.799	ug/L	98
35) Methylcyclohexane	9.337	83	118671	22.236	ug/L	99
37) 1,2-Dichloropropane	9.367	63	71712	24.774	ug/L	100
38) Bromodichloromethane	9.642	83	94391	24.186	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	114525	24.705	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	73925	46.267	ug/L	98
42) Toluene	10.386	91	300192	24.305	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	96612	24.685	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	51289	24.524	ug/L	99
46) Tetrachloroethene	10.855	164	59491	23.375	ug/L	99
48) 2-Hexanone	10.965	43	52965	42.317	ug/L	97
49) Dibromochloromethane	11.123	129	60078	24.255	ug/L	100
50) 1,2-Dibromoethane	11.233	107	47788	23.897	ug/L #	97
51) Chlorobenzene	11.654	112	191202	24.389	ug/L	98
52) Ethylbenzene	11.727	91	347385	24.093	ug/L	97
53) m,p-Xylene	11.836	106	131791	24.290	ug/L	95
54) o-Xylene	12.160	106	124495	24.743	ug/L	95
55) Styrene	12.178	104	213947	24.755	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	57309	23.957	ug/L	98
59) Bromoform	12.349	173	35236	25.234	ug/L	98
60) Isopropylbenzene	12.458	105	356445	25.745	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	42983	24.169	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	239629	25.795	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	290418	25.890	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	152844	24.745	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	152758	24.732	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	141047	26.517	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	9986	23.903	ug/L	95
69) 1,3,5-Trichlorobenzene	14.629	180	103353	24.022	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	88165	24.121	ug/L	93
71) Naphthalene	15.360	128	164346	26.196	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	79969	26.540	ug/L	97

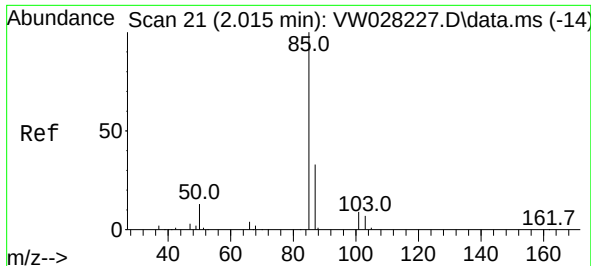
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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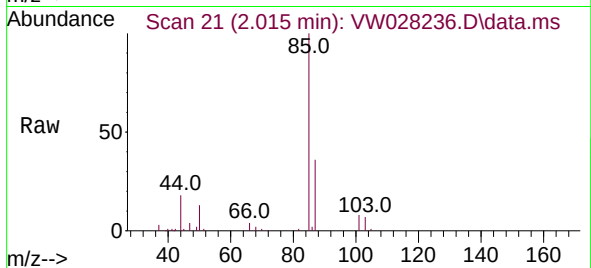
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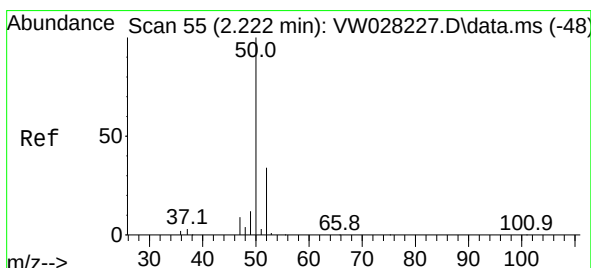
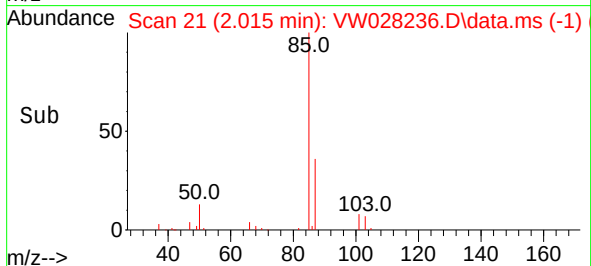
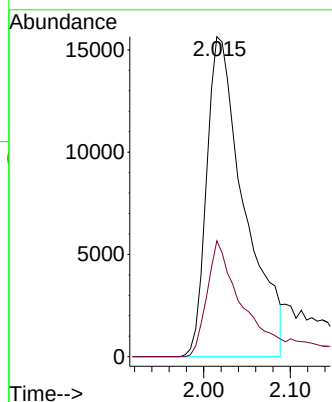


#2
Dichlorodifluoromethane
Concen: 16.377 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

Instrument :
MSVOA_W
ClientSampleId :

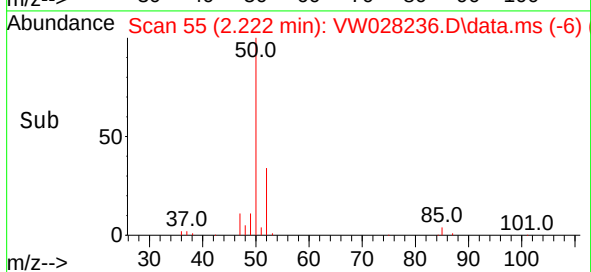
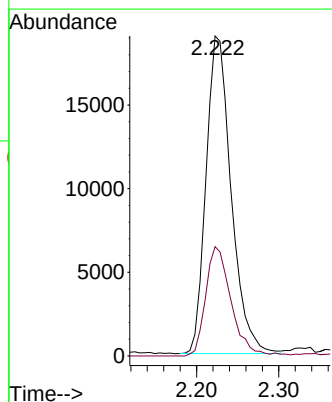
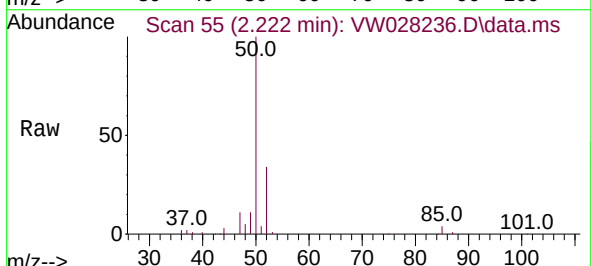


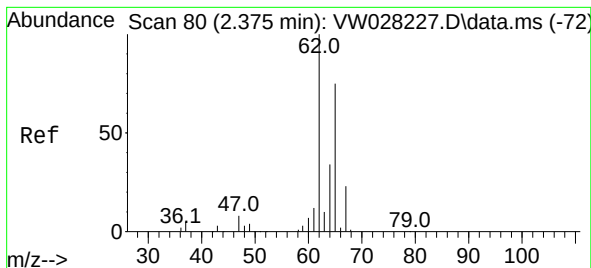
Tgt Ion: 85 Resp: 47245
Ion Ratio Lower Upper
85 100
87 33.8 20.9 31.3#



#3
Chloromethane
Concen: 19.697 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

Tgt Ion: 50 Resp: 40301
Ion Ratio Lower Upper
50 100
52 34.2 22.7 42.1





#5

Vinyl chloride

Concen: 21.293 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

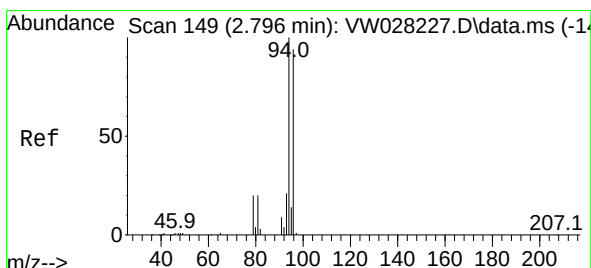
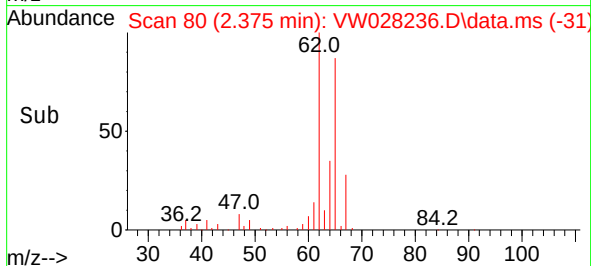
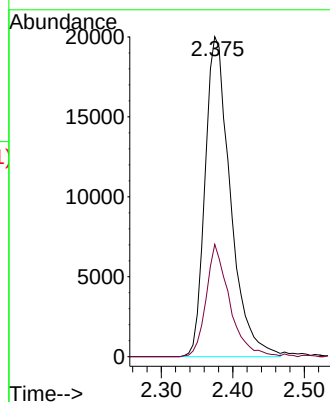
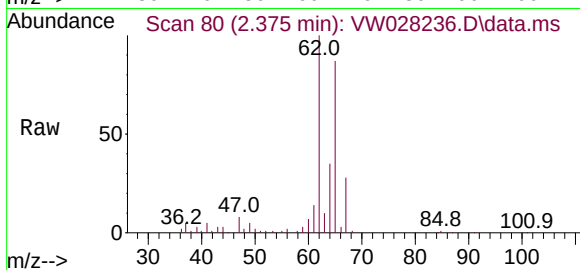
ClientSampleId :

Tgt Ion: 62 Resp: 49246

Ion Ratio Lower Upper

62 100

64 35.1 22.5 41.7



#6

Bromomethane

Concen: 22.609 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW028236.D

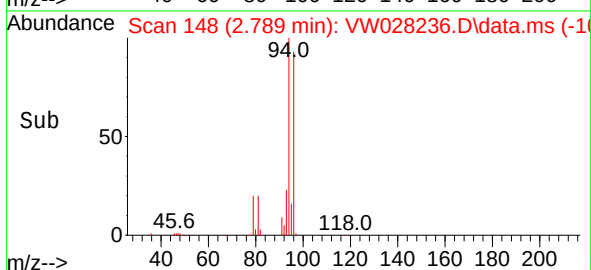
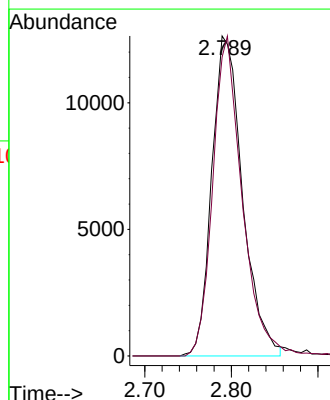
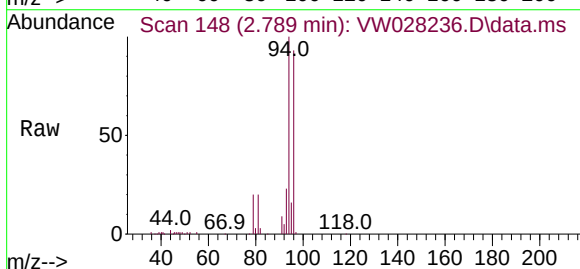
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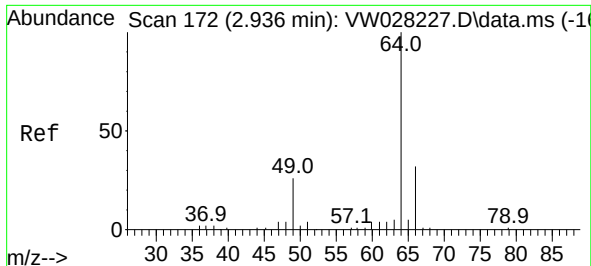
Tgt Ion: 94 Resp: 31141

Ion Ratio Lower Upper

94 100

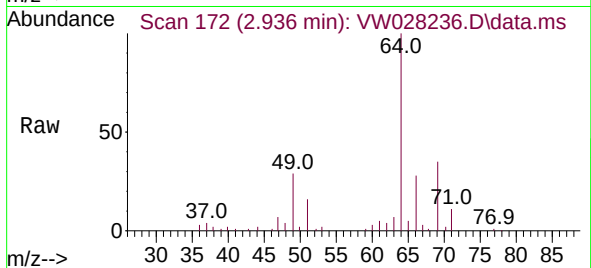
96 93.4 60.8 113.0



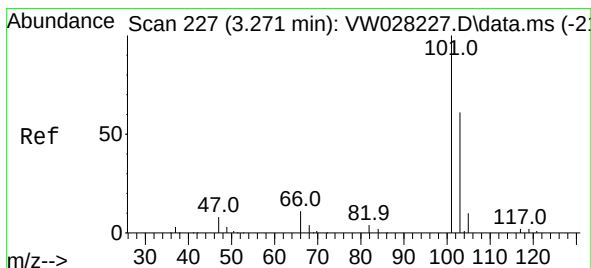
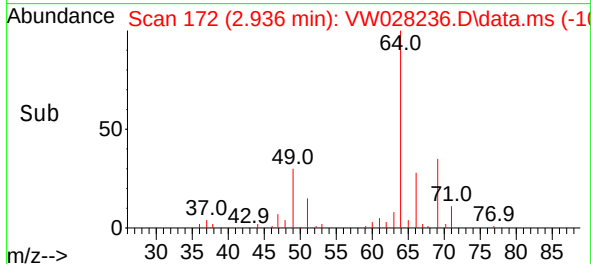
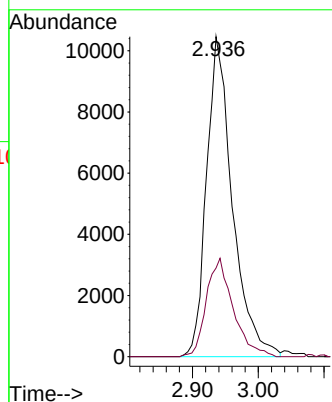


#8
Chloroethane
Concen: 23.004 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

Instrument :
MSVOA_W
ClientSampleId :

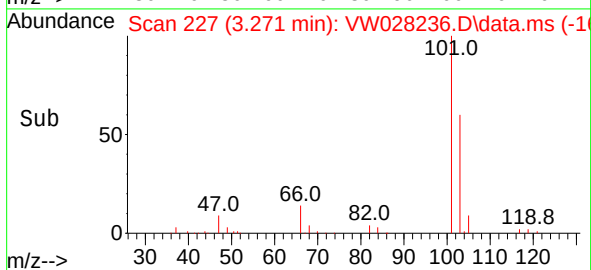
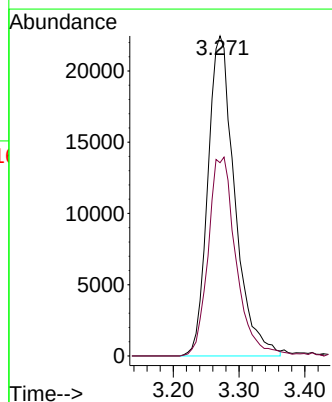
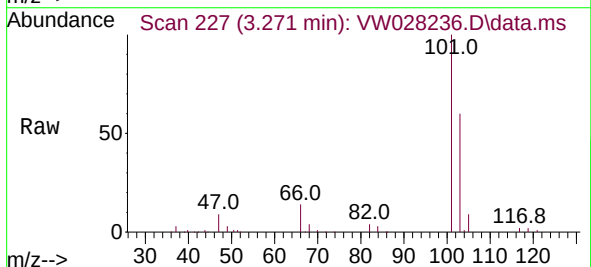


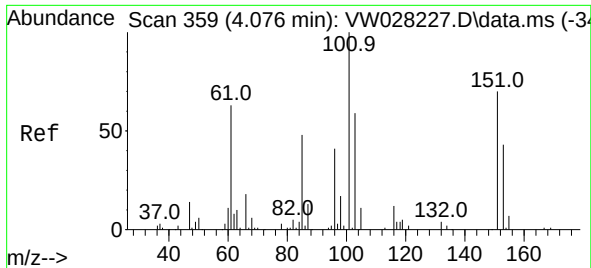
Tgt Ion: 64 Resp: 28597
Ion Ratio Lower Upper
64 100
66 27.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 22.832 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

Tgt Ion:101 Resp: 63844
Ion Ratio Lower Upper
101 100
103 64.3 50.9 76.3

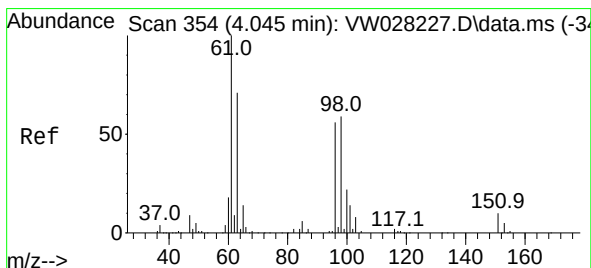
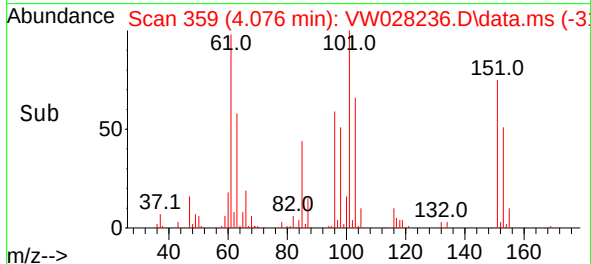
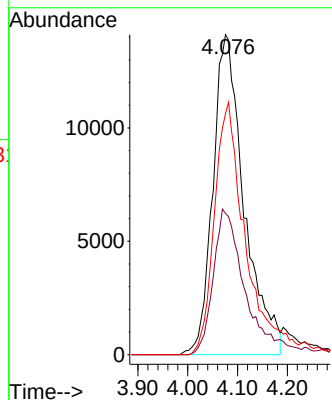
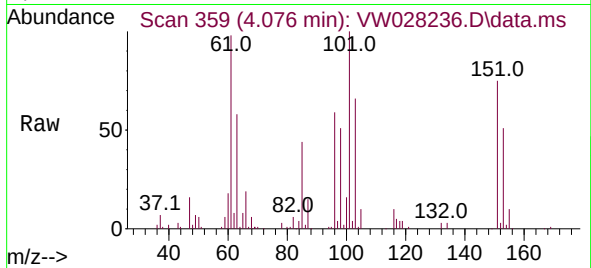




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.109 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW028236.D
 Acq: 22 Mar 2024 18:37

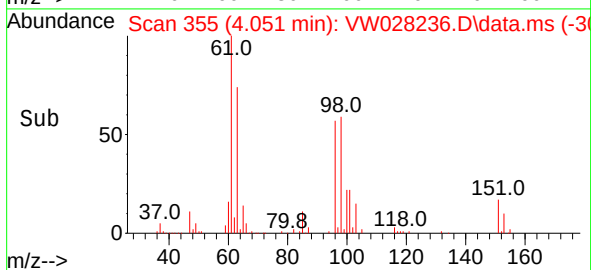
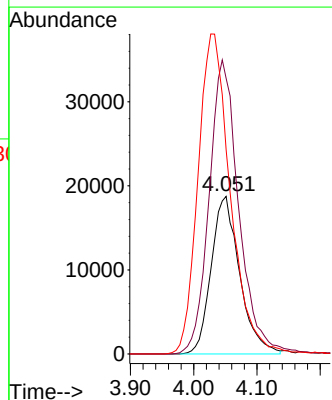
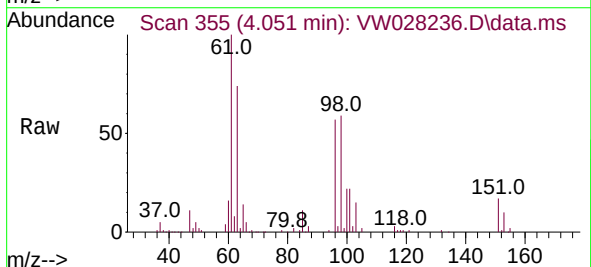
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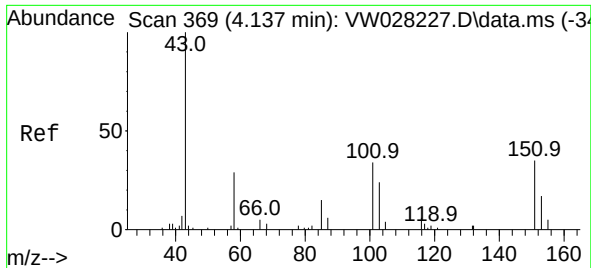
Tgt Ion:101 Resp: 61417
 Ion Ratio Lower Upper
 101 100
 85 42.8 36.4 54.6
 151 77.8 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 22.800 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW028236.D
 Acq: 22 Mar 2024 18:37

Tgt Ion: 96 Resp: 58550
 Ion Ratio Lower Upper
 96 100
 61 174.8 132.2 245.4
 63 129.6 104.6 194.2

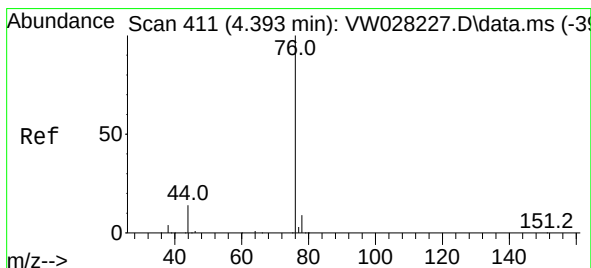
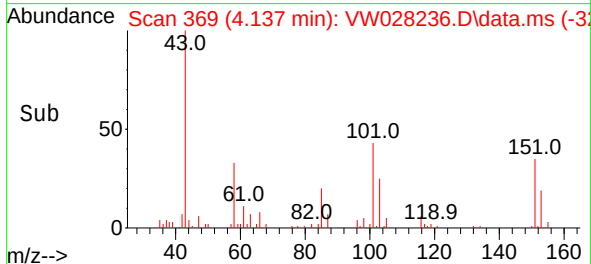
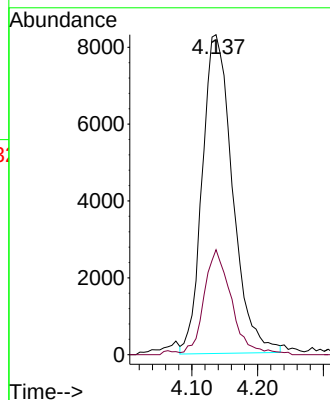
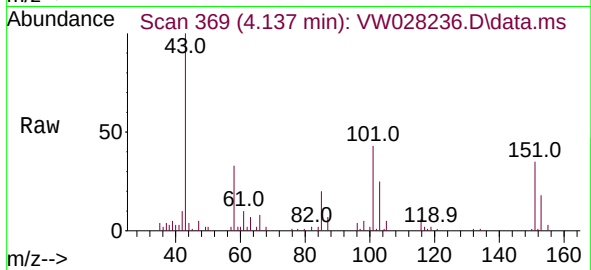




#13
Acetone
Concen: 34.941 ug/L
RT: 4.137 min Scan# 369
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

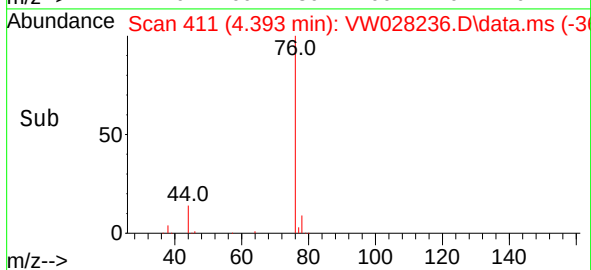
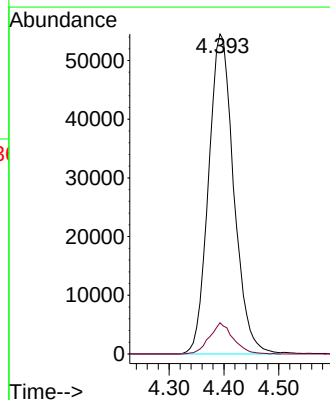
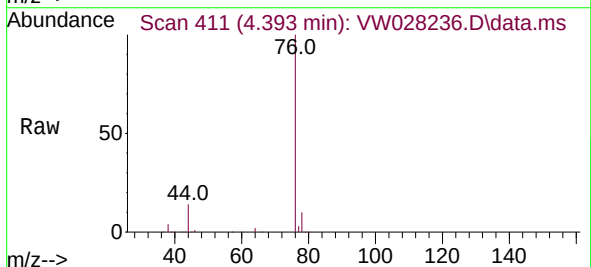
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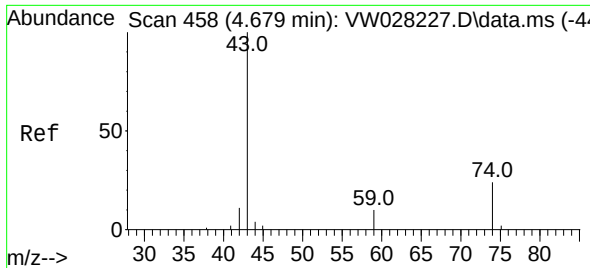
Tgt Ion: 43 Resp: 26624
Ion Ratio Lower Upper
43 100
58 28.1 0.0 57.8



#14
Carbon disulfide
Concen: 21.750 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 174201
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7

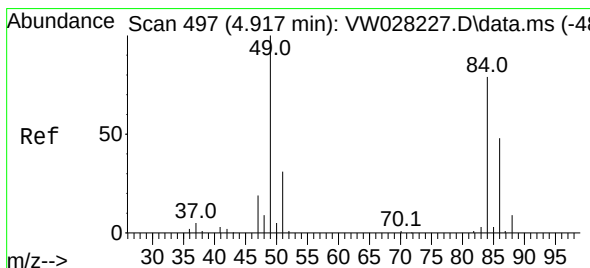
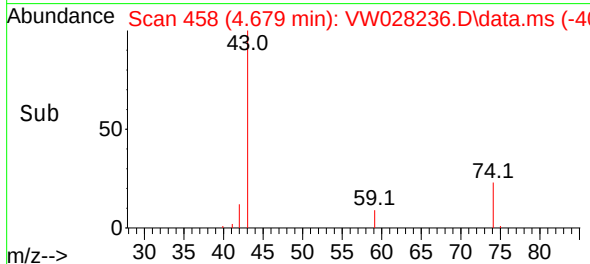
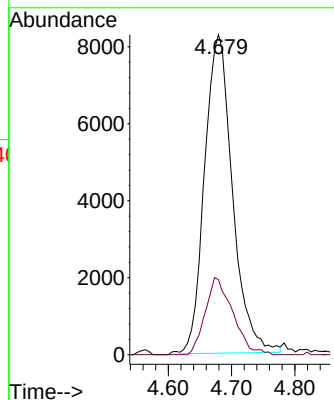
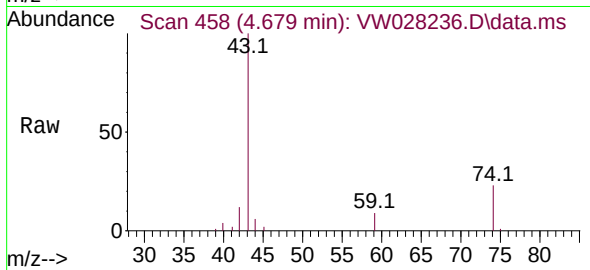




#15
Methyl Acetate
Concen: 21.641 ug/L
RT: 4.679 min Scan# 458
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

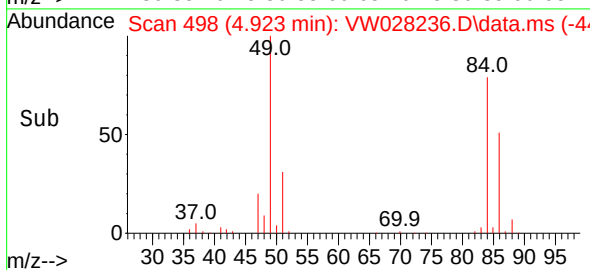
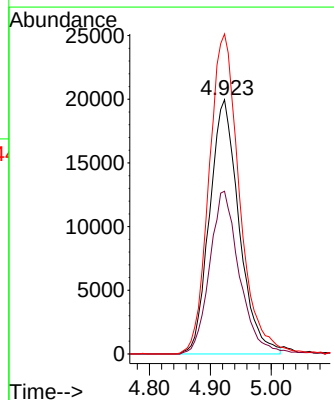
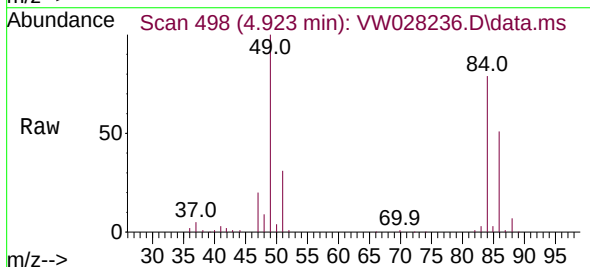
Instrument :
MSVOA_W
ClientSampleId :

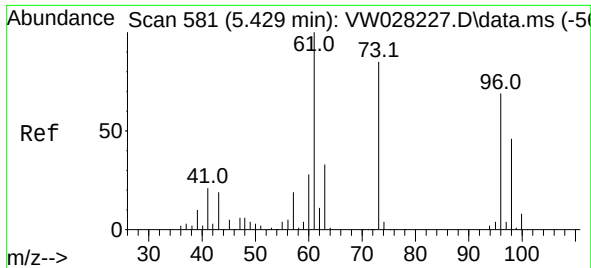
Tgt Ion: 43 Resp: 25400
Ion Ratio Lower Upper
43 100
74 23.3 18.2 27.2



#16
Methylene chloride
Concen: 22.198 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

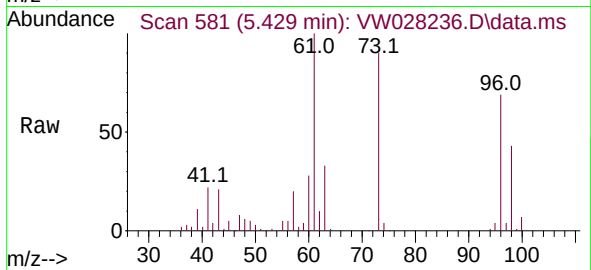
Tgt Ion: 84 Resp: 67188
Ion Ratio Lower Upper
84 100
86 64.0 43.1 80.1
49 125.8 89.4 166.0



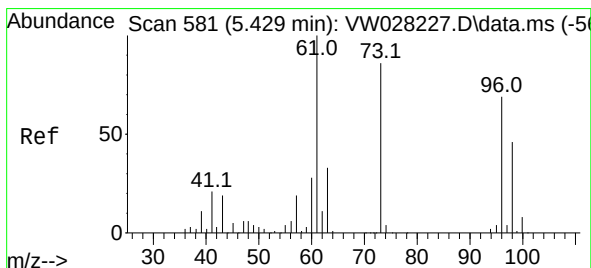
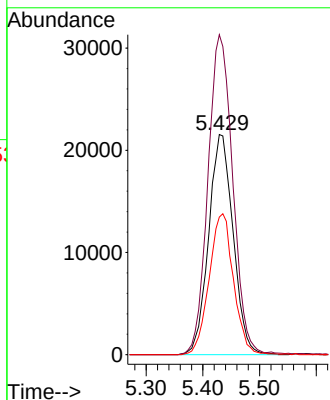
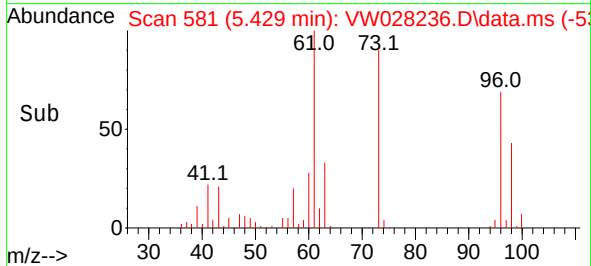


#17
trans-1,2-Dichloroethene
Concen: 23.689 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

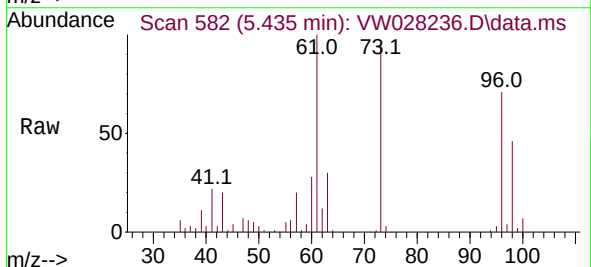
Instrument :
MSVOA_W
ClientSampleId :



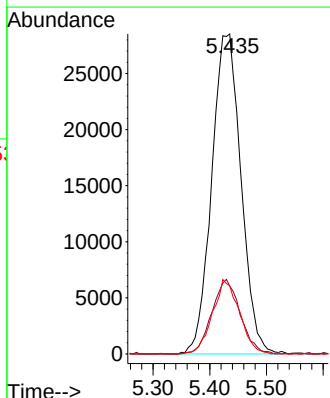
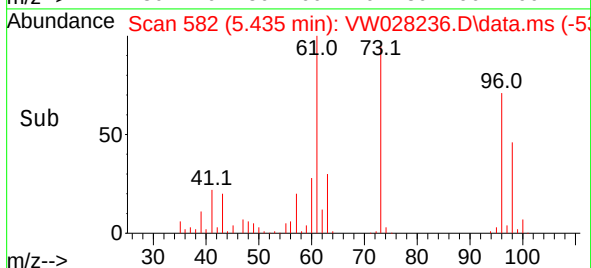
Tgt Ion: 96 Resp: 64649
Ion Ratio Lower Upper
96 100
61 145.3 98.4 182.8
98 62.5 45.6 84.8

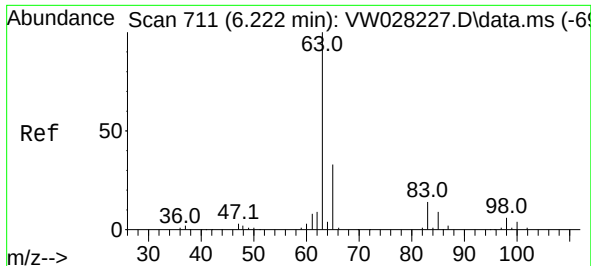


#18
Methyl tert-butyl Ether
Concen: 24.856 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37



Tgt Ion: 73 Resp: 102345
Ion Ratio Lower Upper
73 100
43 22.6 18.2 27.4
57 21.4 17.4 26.2





#19

1,1-Dichloroethane

Concen: 24.345 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

ClientSampleId :

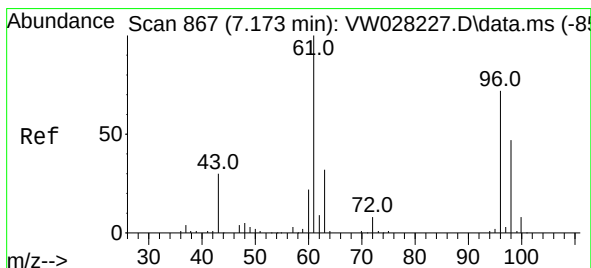
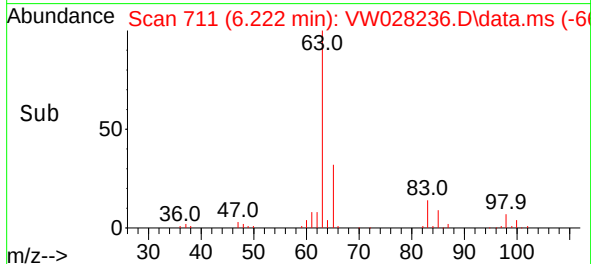
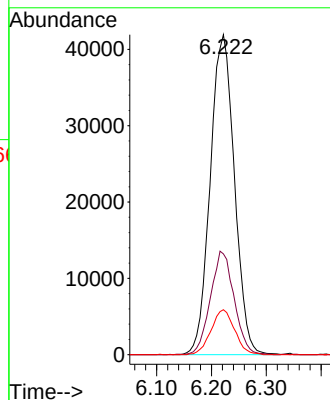
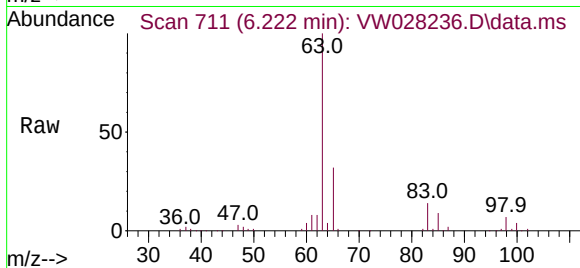
Tgt Ion: 63 Resp: 128624

Ion Ratio Lower Upper

63 100

65 31.5 22.1 41.1

83 14.1 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 24.323 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

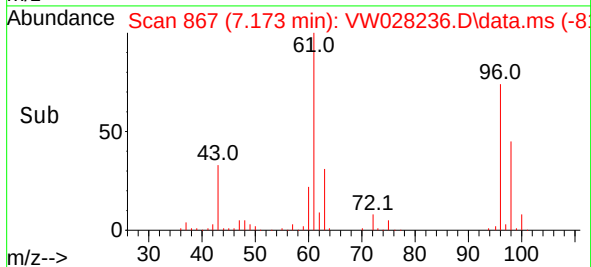
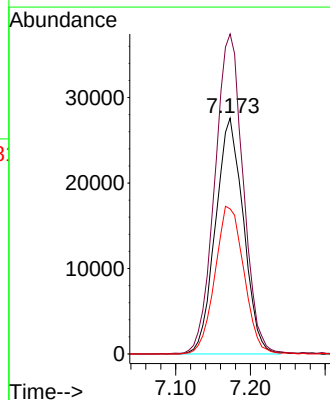
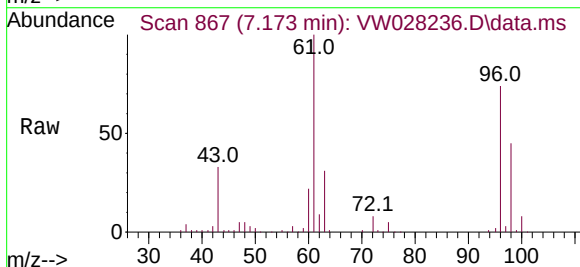
Tgt Ion: 96 Resp: 71690

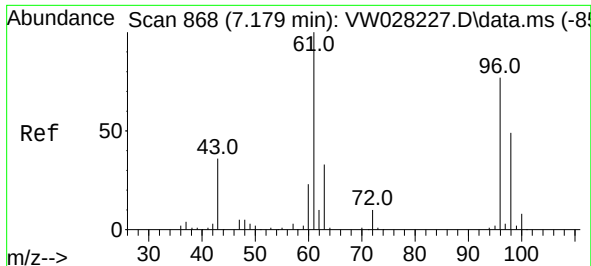
Ion Ratio Lower Upper

96 100

61 135.7 95.7 177.7

98 61.5 43.9 81.5





#22

2-Butanone

Concen: 40.491 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

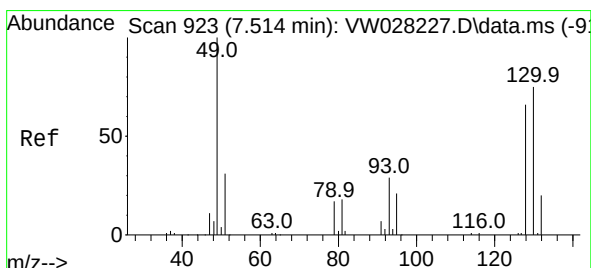
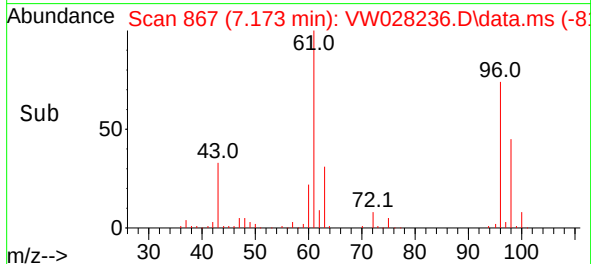
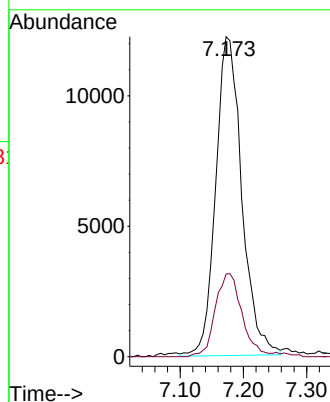
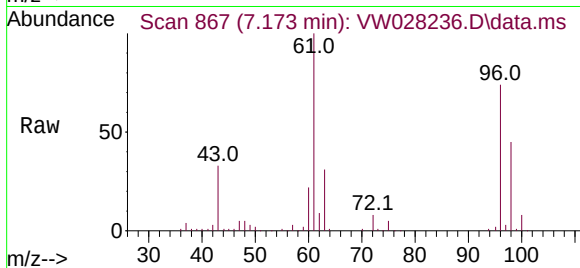
ClientSampleId :

Tgt Ion: 43 Resp: 35030

Ion Ratio Lower Upper

43 100

72 26.5 12.8 38.4



#23

Bromochloromethane

Concen: 25.042 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Tgt Ion: 128 Resp: 32631

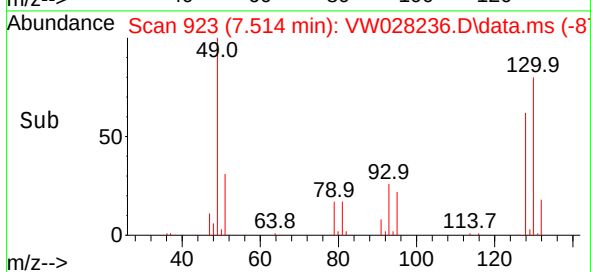
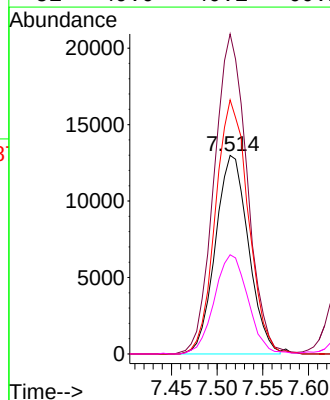
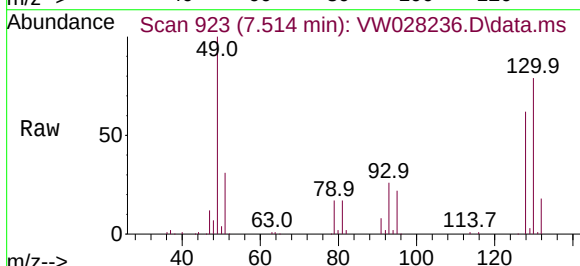
Ion Ratio Lower Upper

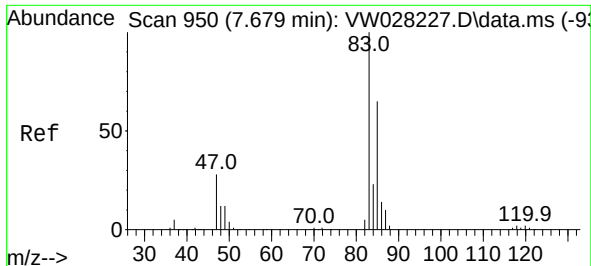
128 100

49 161.2 116.6 216.6

130 128.0 80.1 148.7

51 49.9 40.1 60.1





#25

Chloroform

Concen: 24.283 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

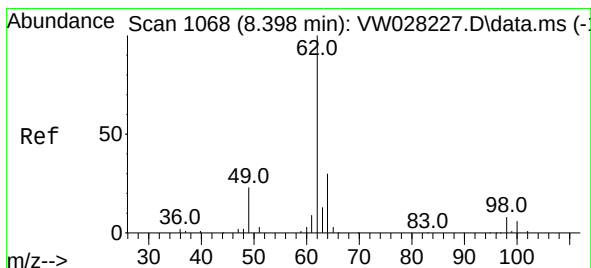
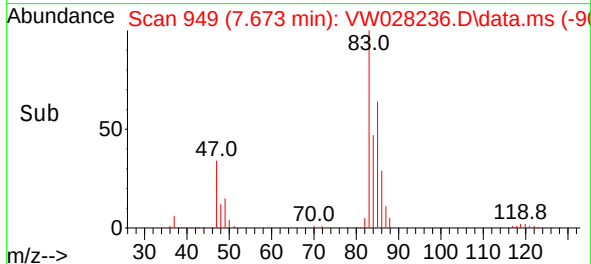
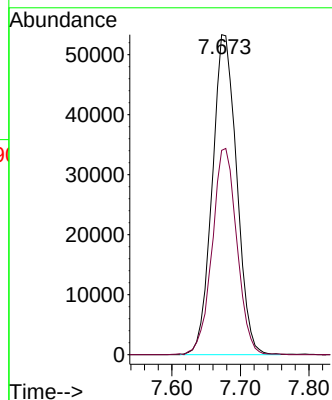
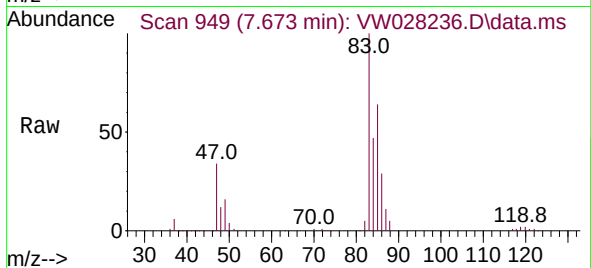
ClientSampleId :

Tgt Ion: 83 Resp: 132079

Ion Ratio Lower Upper

83 100

85 63.9 44.5 82.7



#27

1,2-Dichloroethane

Concen: 23.420 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028236.D

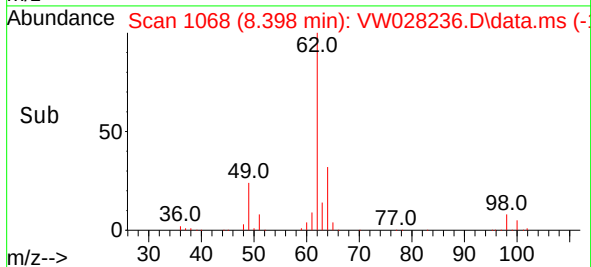
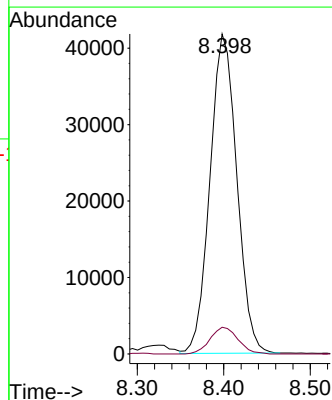
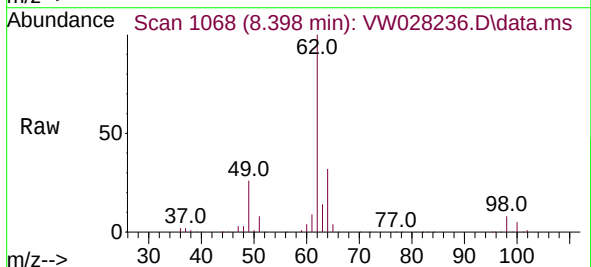
Acq: 22 Mar 2024 18:37

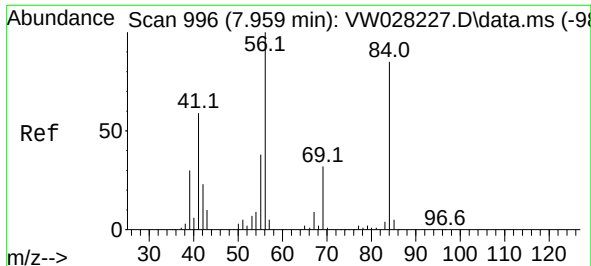
Tgt Ion: 62 Resp: 89956

Ion Ratio Lower Upper

62 100

98 8.3 5.9 8.9





#29

Cyclohexane

Concen: 22.472 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

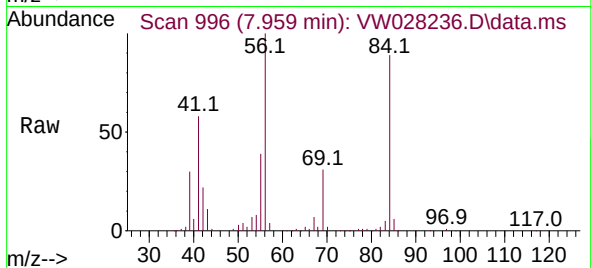
Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

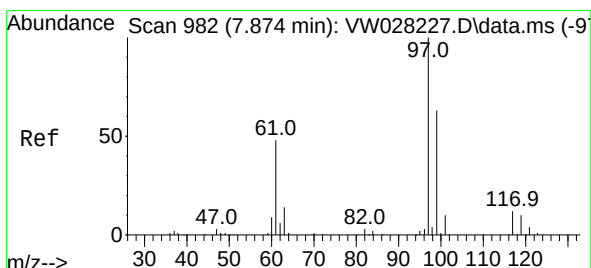
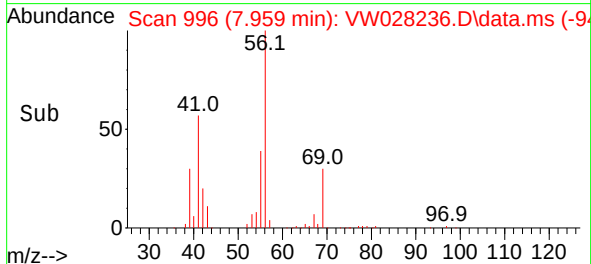
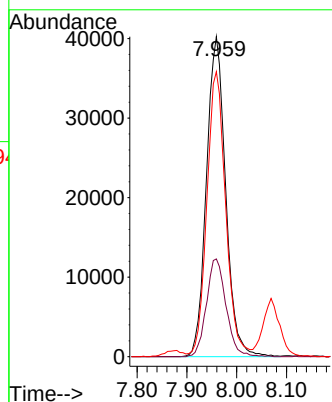
ClientSampleId :



Tgt Ion: 56 Resp: 107797

Ion Ratio Lower Upper

56	100		
69	31.2	24.0	36.0
84	87.1	68.4	102.6



#30

1,1,1-Trichloroethane

Concen: 23.384 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

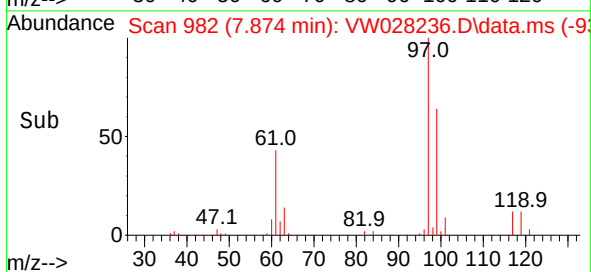
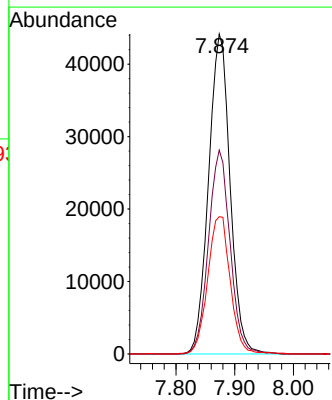
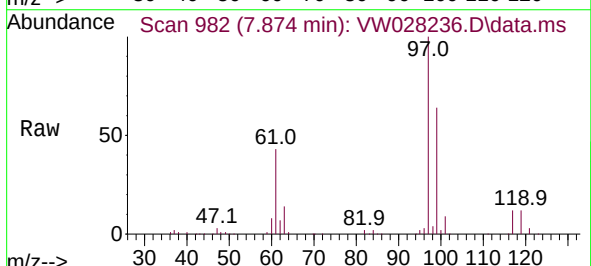
Lab File: VW028236.D

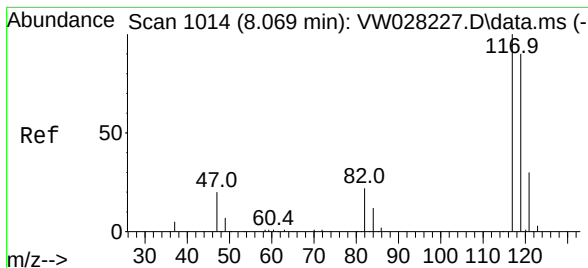
Acq: 22 Mar 2024 18:37

Tgt Ion: 97 Resp: 112730

Ion Ratio Lower Upper

97	100		
99	63.7	51.3	76.9
61	44.7	37.0	55.6





#31

Carbon tetrachloride

Concen: 22.658 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

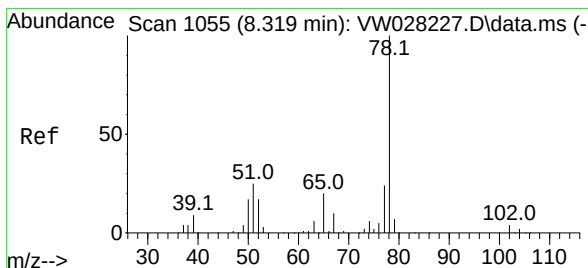
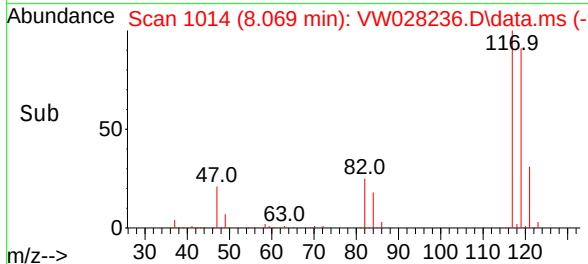
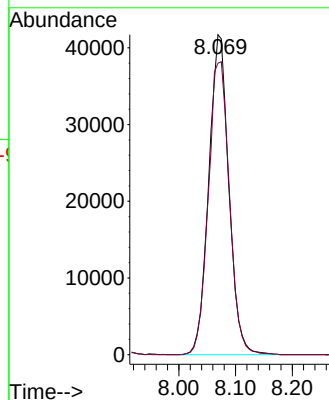
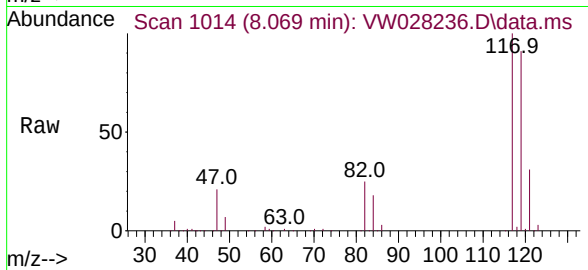
ClientSampleId :

Tgt Ion:117 Resp: 102458

Ion Ratio Lower Upper

117 100

119 96.4 78.2 117.4



#33

Benzene

Concen: 24.330 ug/L

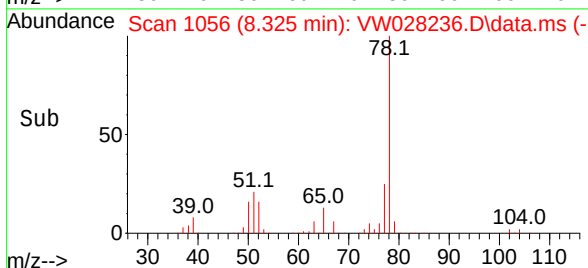
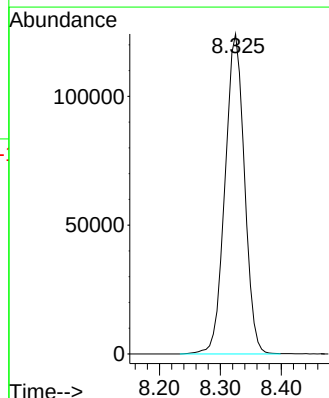
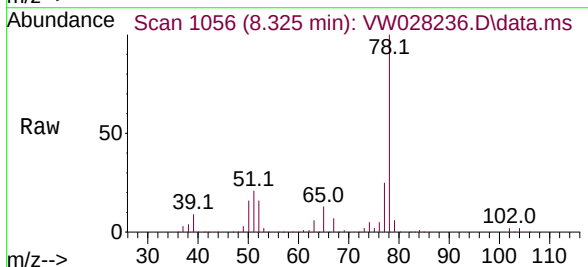
RT: 8.325 min Scan# 1056

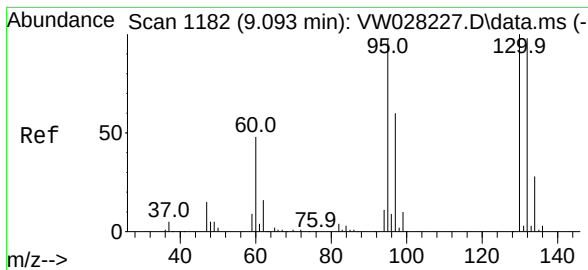
Delta R.T. 0.006 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Tgt Ion: 78 Resp: 275340





#34

Trichloroethene

Concen: 23.799 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 75144

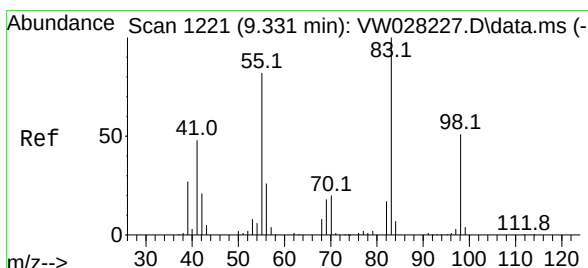
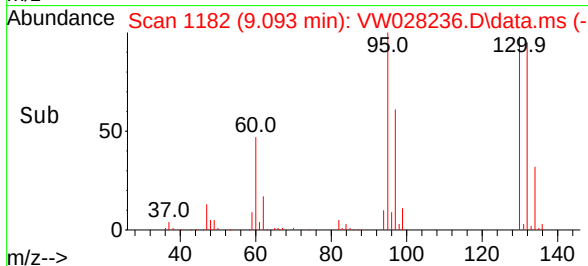
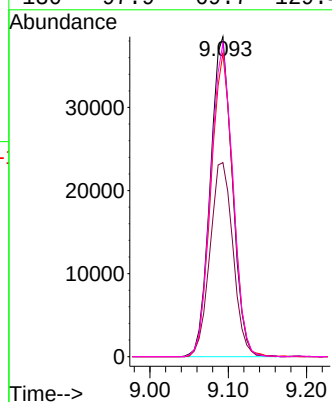
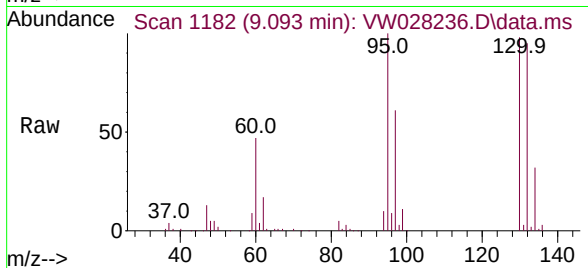
Ion Ratio Lower Upper

95 100

97 60.6 42.4 78.6

132 94.8 69.4 128.8

130 97.9 69.7 129.4



#35

Methylcyclohexane

Concen: 22.236 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

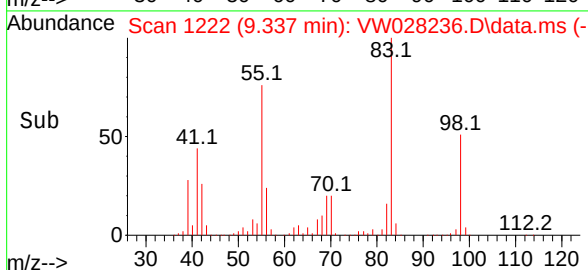
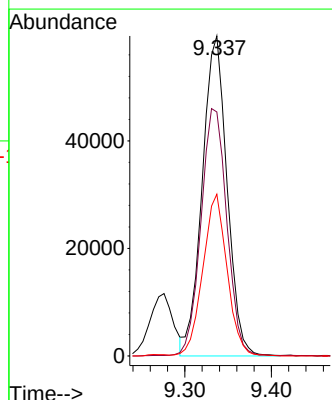
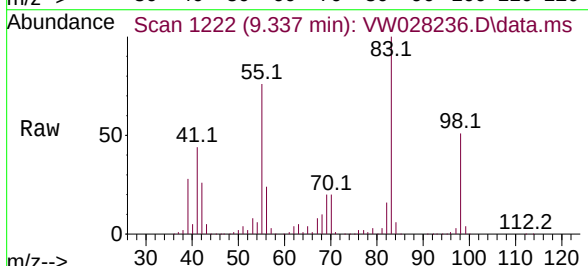
Tgt Ion: 83 Resp: 118671

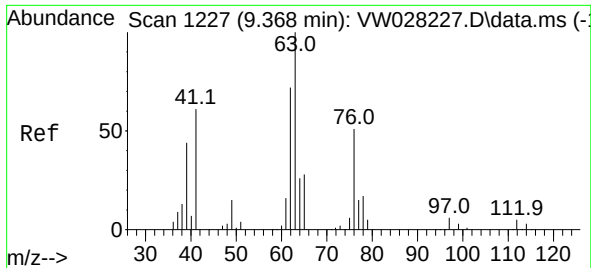
Ion Ratio Lower Upper

83 100

55 80.5 64.2 96.4

98 49.4 38.3 57.5





#37

1,2-Dichloropropane

Concen: 24.774 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

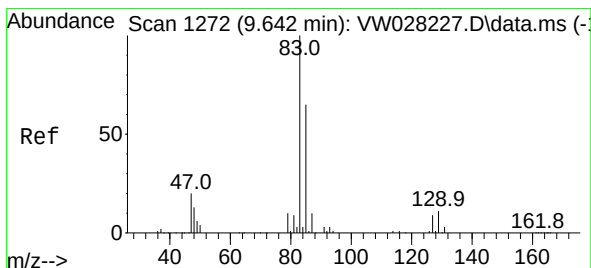
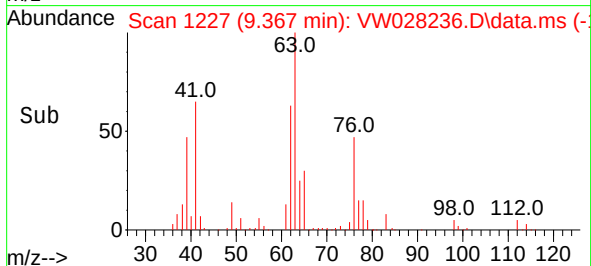
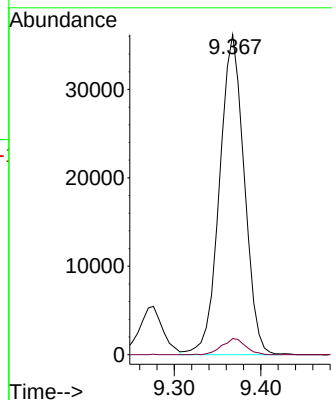
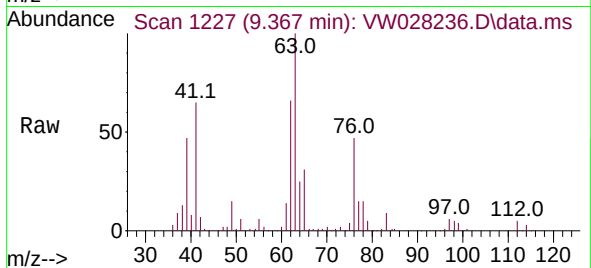
ClientSampleId :

Tgt Ion: 63 Resp: 71712

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 24.186 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

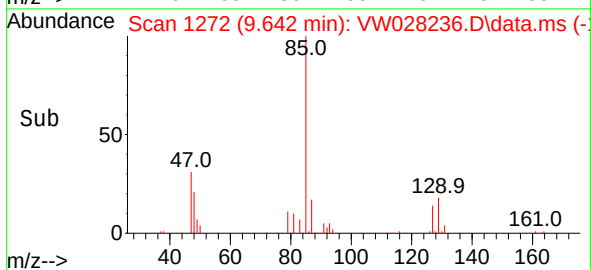
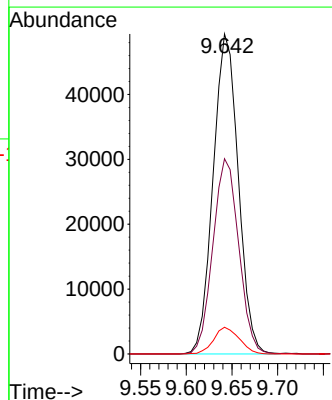
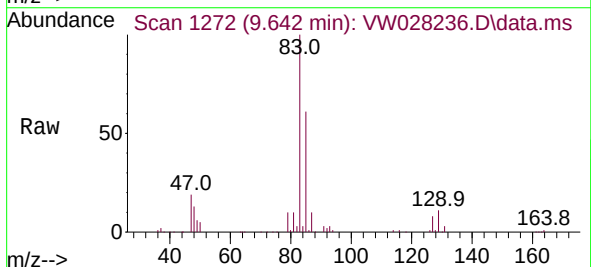
Tgt Ion: 83 Resp: 94391

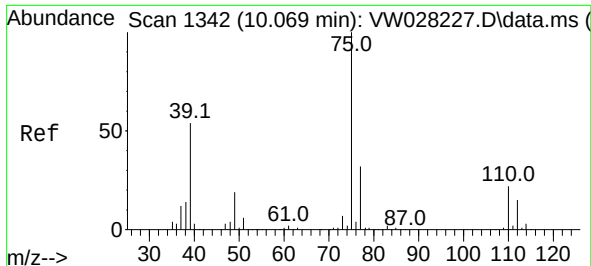
Ion Ratio Lower Upper

83 100

85 61.0 45.8 85.2

127 8.4 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 24.705 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

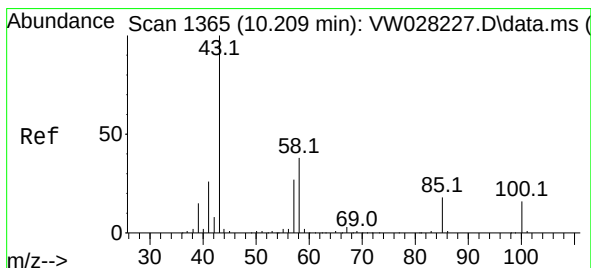
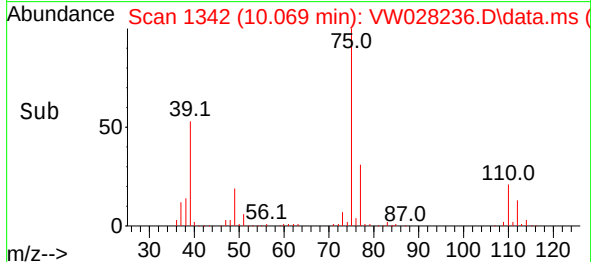
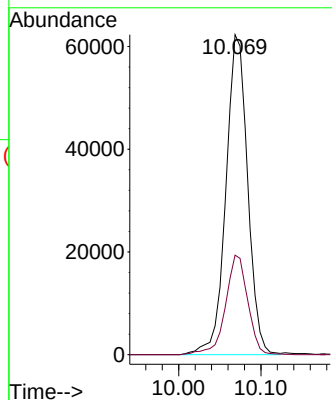
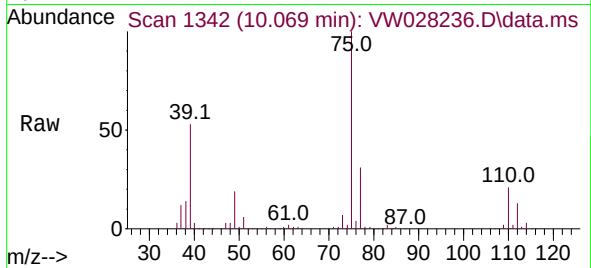
ClientSampleId :

Tgt Ion: 75 Resp: 114525

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 46.267 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

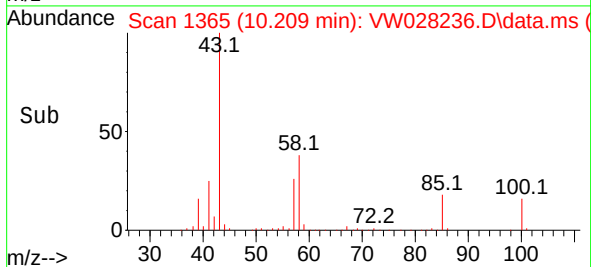
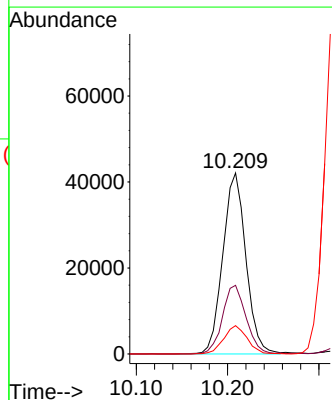
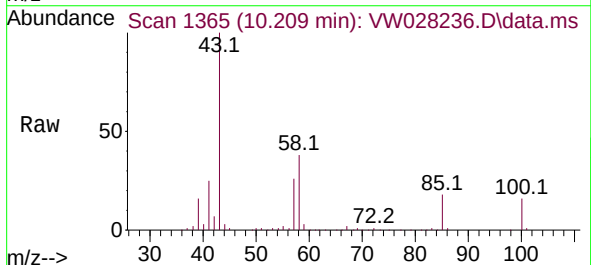
Tgt Ion: 43 Resp: 73925

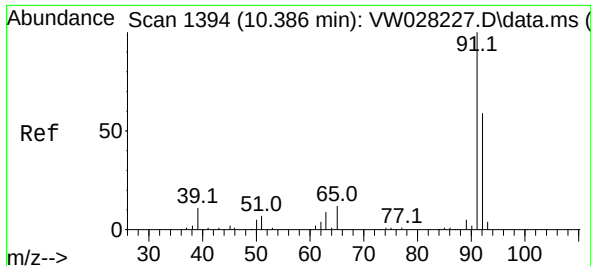
Ion Ratio Lower Upper

43 100

58 38.6 30.1 45.1

100 15.9 11.8 17.8





#42

Toluene

Concen: 24.305 ug/L

RT: 10.386 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

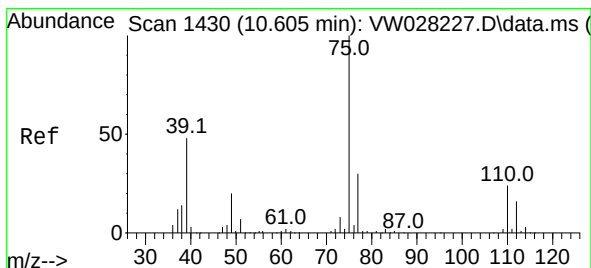
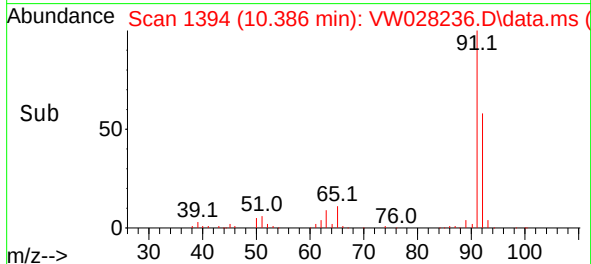
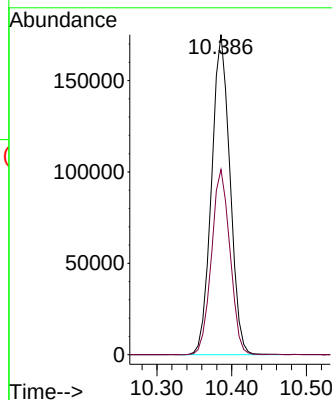
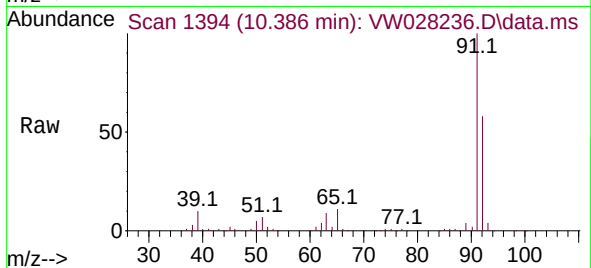
ClientSampleId :

Tgt Ion: 91 Resp: 300192

Ion Ratio Lower Upper

91 100

92 57.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 24.685 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028236.D

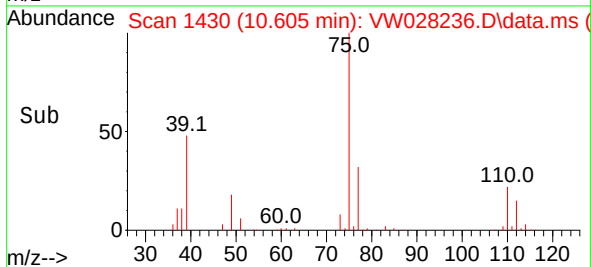
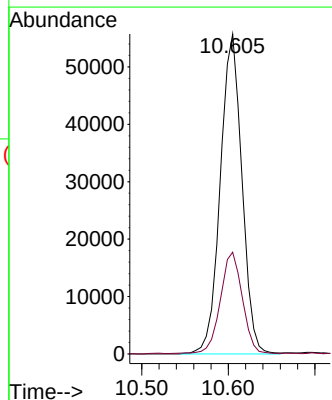
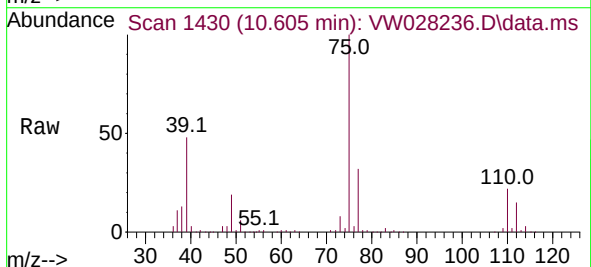
Acq: 22 Mar 2024 18:37

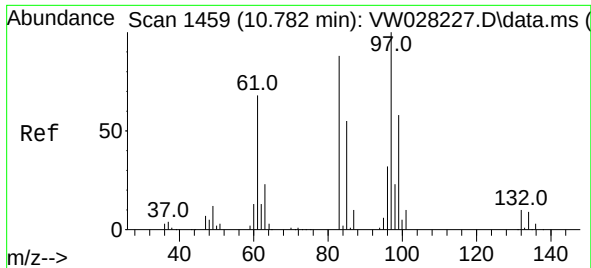
Tgt Ion: 75 Resp: 96612

Ion Ratio Lower Upper

75 100

77 31.8 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 24.524 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

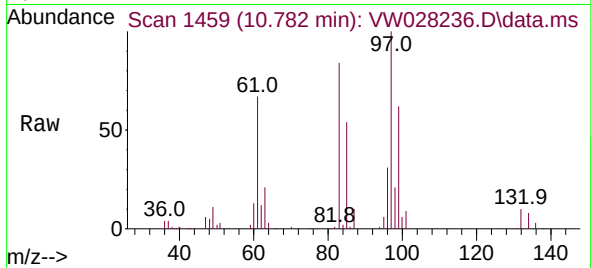
Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 51289

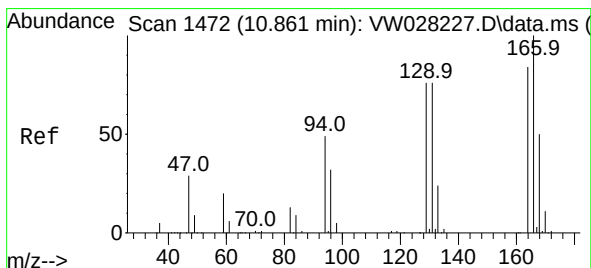
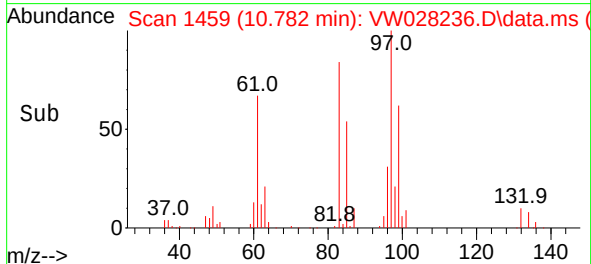
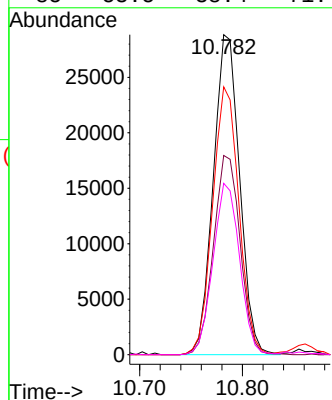
Ion Ratio Lower Upper

97 100

99 62.2 43.4 80.6

83 83.7 59.4 110.4

85 53.5 38.4 71.4



#46

Tetrachloroethene

Concen: 23.375 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Tgt Ion:164 Resp: 59491

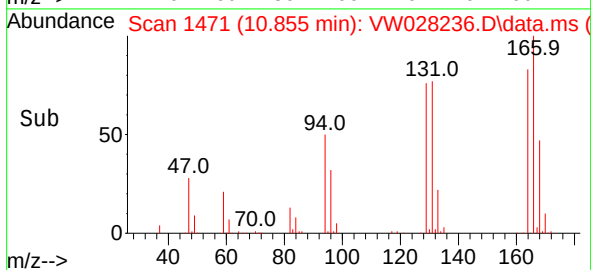
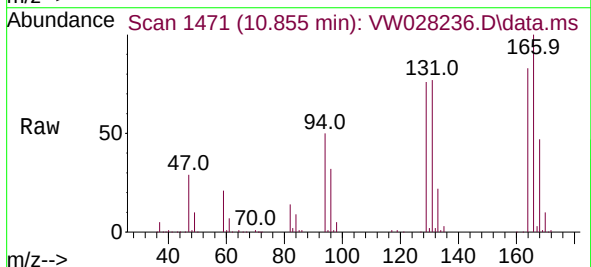
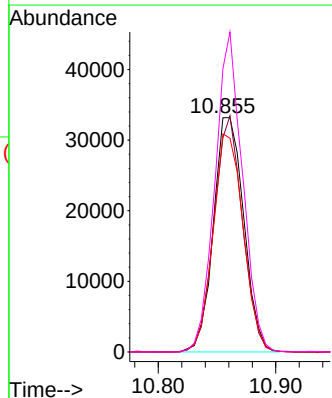
Ion Ratio Lower Upper

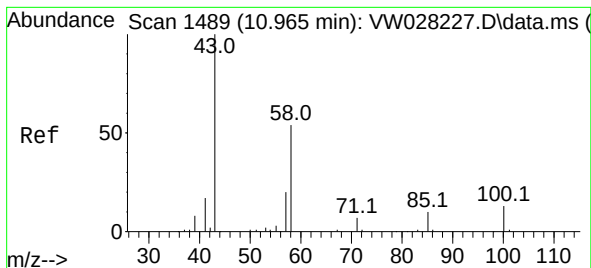
164 100

129 91.5 64.0 119.0

131 93.1 62.6 116.3

166 120.9 84.7 157.3

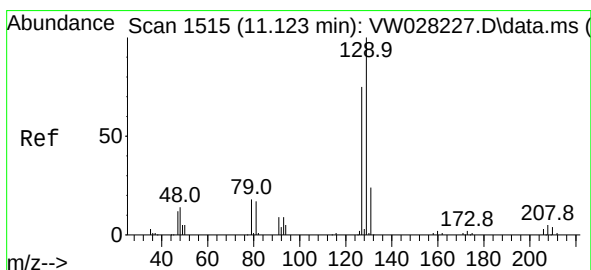
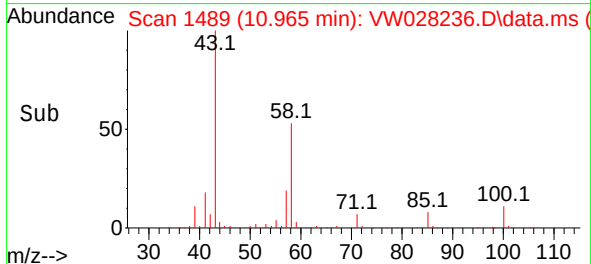
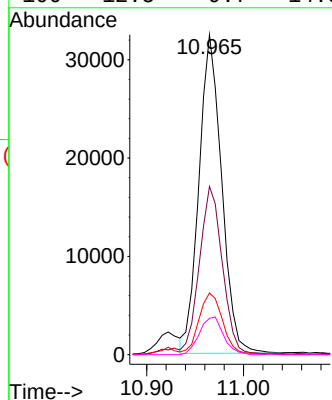
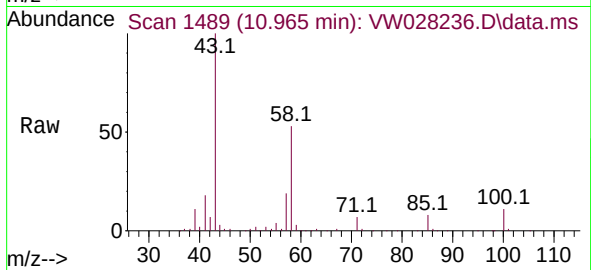




#48
2-Hexanone
Concen: 42.317 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

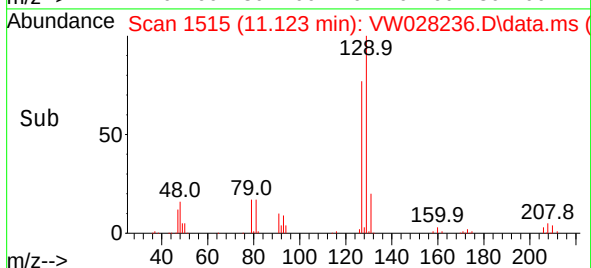
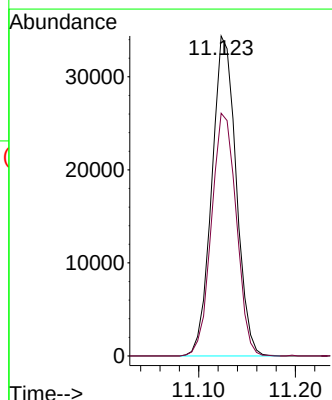
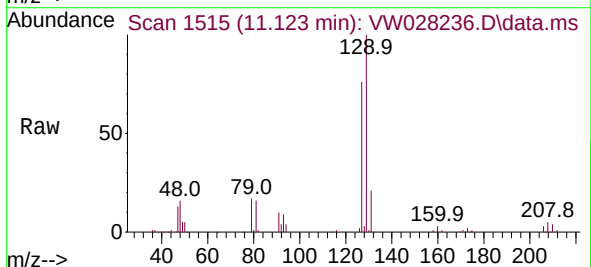
Instrument :
MSVOA_W
ClientSampleId :

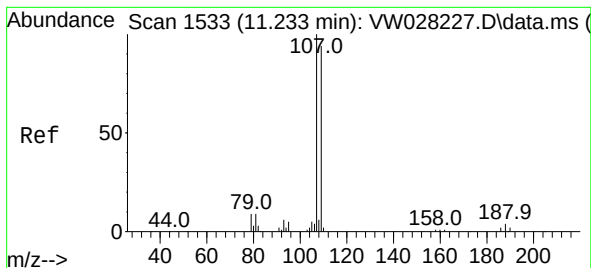
Tgt Ion:	43	Resp:	52965
Ion	Ratio	Lower	Upper
43	100		
58	53.8	40.6	61.0
57	20.5	15.7	23.5
100	12.5	9.7	14.5



#49
Dibromochloromethane
Concen: 24.255 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

Tgt Ion:	129	Resp:	60078
Ion	Ratio	Lower	Upper
129	100		
127	75.8	53.1	98.7





#50

1,2-Dibromoethane

Concen: 23.897 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028236.D

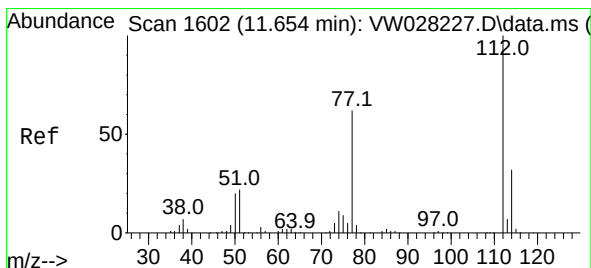
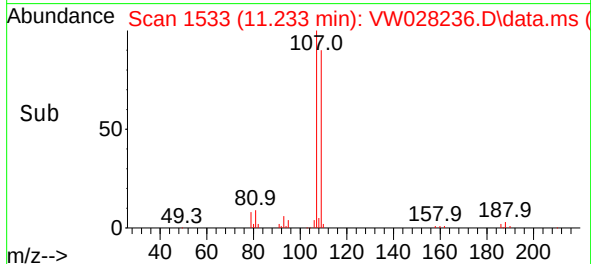
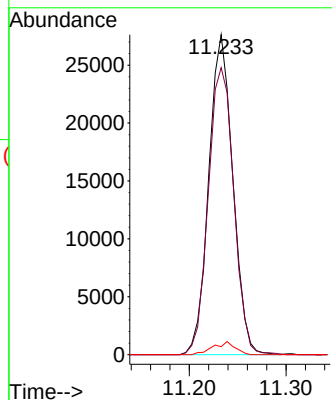
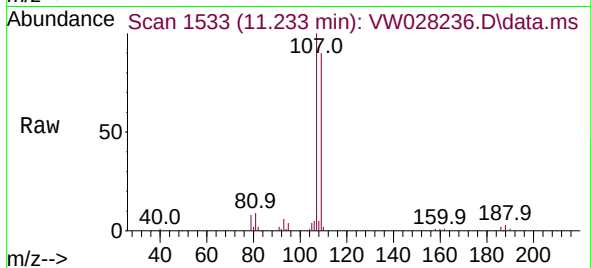
Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	47788
Ion	Ratio	Lower	Upper
107	100		
109	89.7	64.4	119.6
188	2.5	3.4	5.2#



#51

Chlorobenzene

Concen: 24.389 ug/L

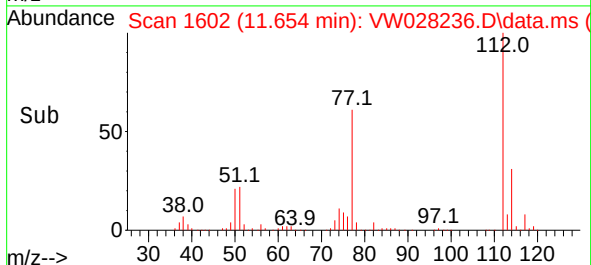
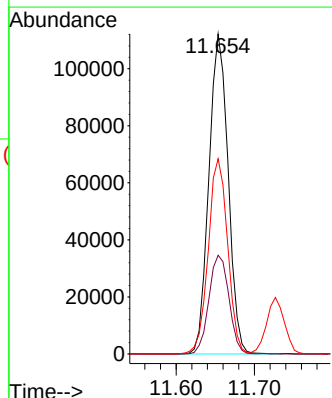
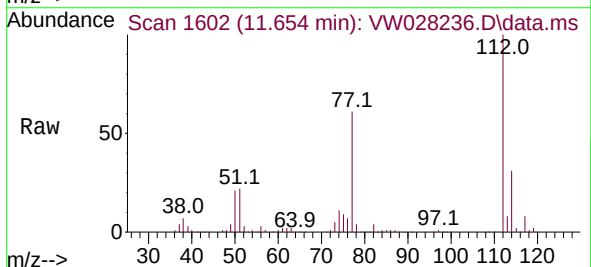
RT: 11.654 min Scan# 1602

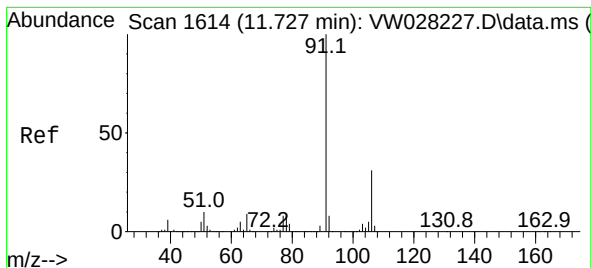
Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Tgt Ion:	112	Resp:	191202
Ion	Ratio	Lower	Upper
112	100		
114	30.9	21.8	40.6
77	61.0	50.6	76.0





#52

Ethylbenzene

Concen: 24.093 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

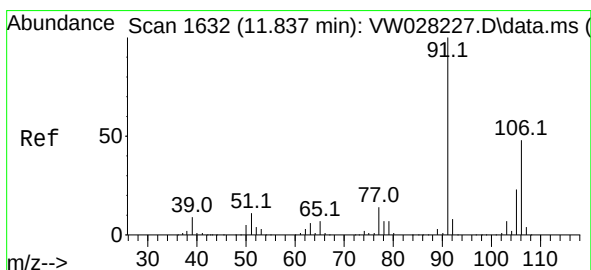
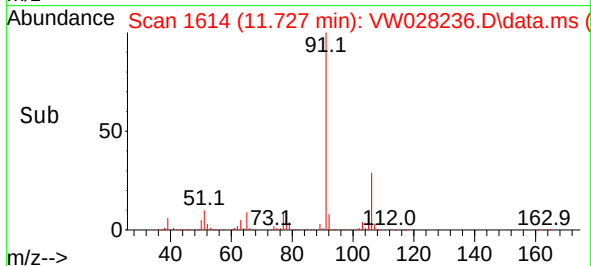
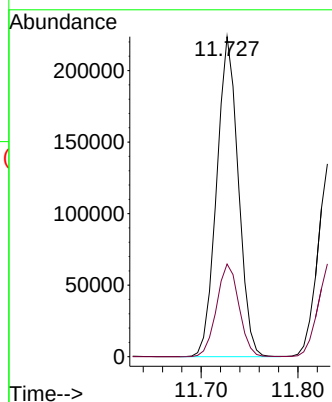
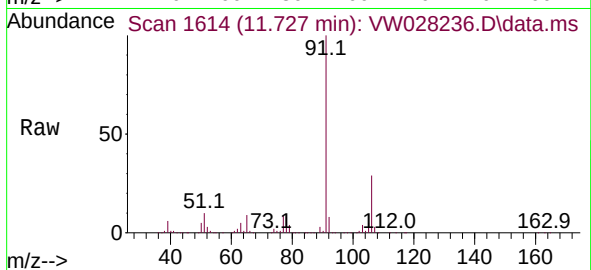
ClientSampleId :

Tgt Ion: 91 Resp: 347385

Ion Ratio Lower Upper

91 100

106 29.0 21.3 39.5



#53

m,p-Xylene

Concen: 24.290 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028236.D

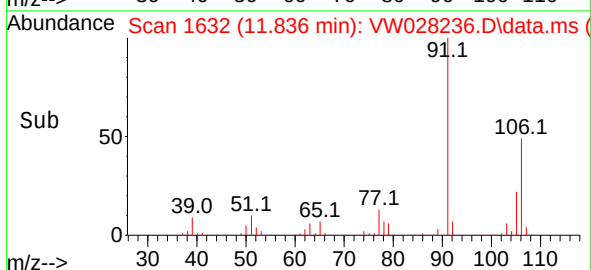
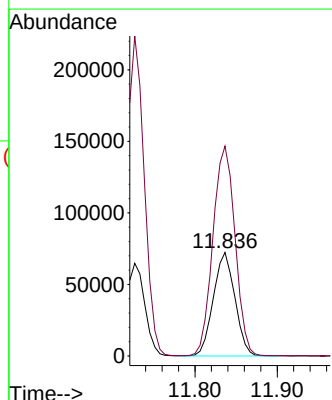
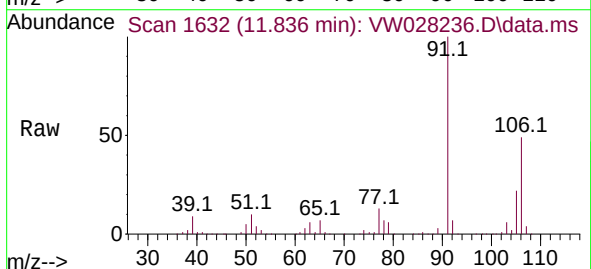
Acq: 22 Mar 2024 18:37

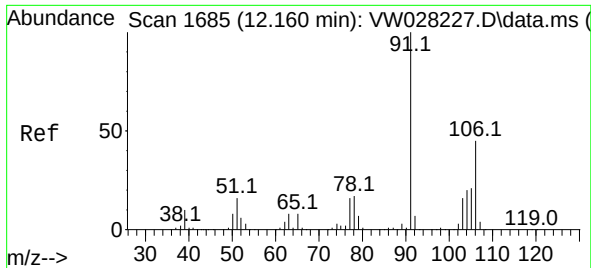
Tgt Ion:106 Resp: 131791

Ion Ratio Lower Upper

106 100

91 202.9 147.1 273.1

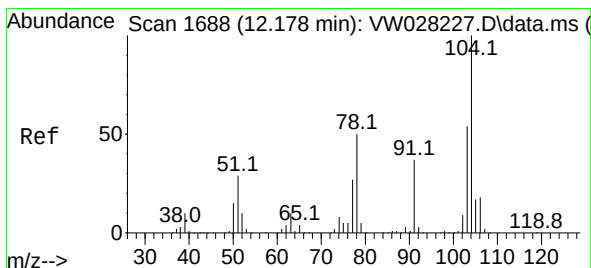
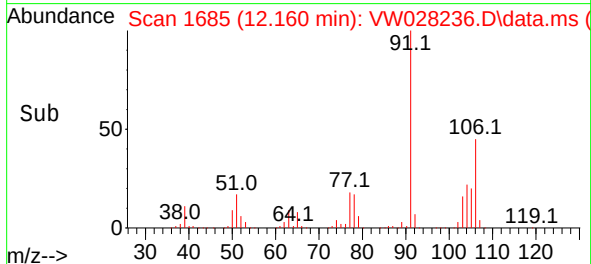
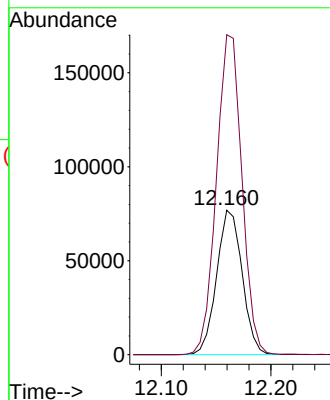
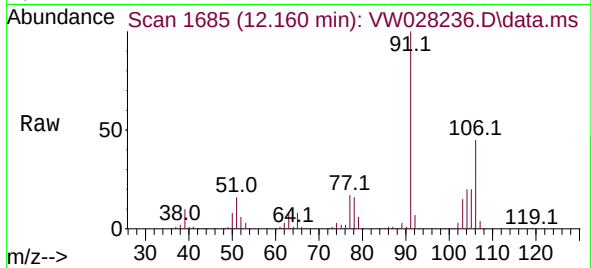




#54
o-Xylene
Concen: 24.743 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

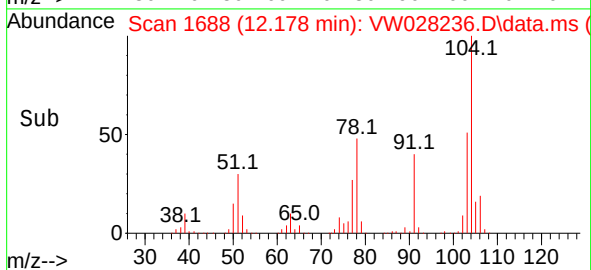
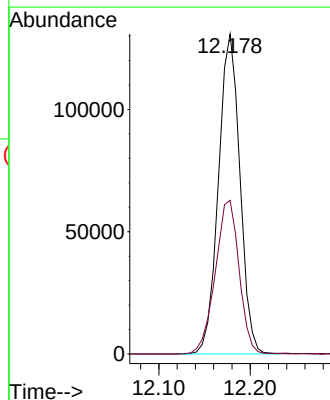
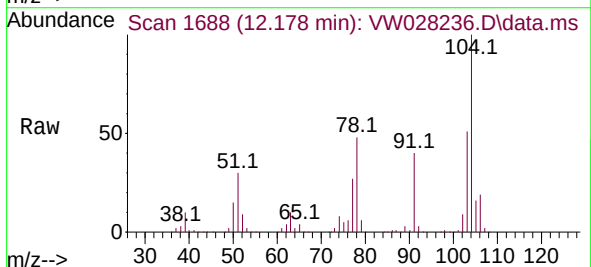
Instrument :
MSVOA_W
ClientSampleId :

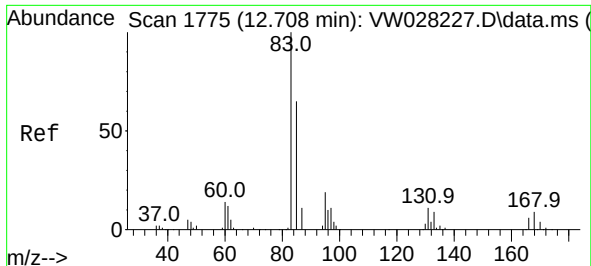
Tgt Ion:106 Resp: 124495
Ion Ratio Lower Upper
106 100
91 221.5 149.2 277.2



#55
Styrene
Concen: 24.755 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

Tgt Ion:104 Resp: 213947
Ion Ratio Lower Upper
104 100
78 48.0 33.2 61.7

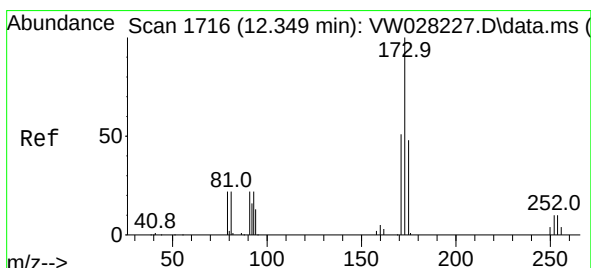
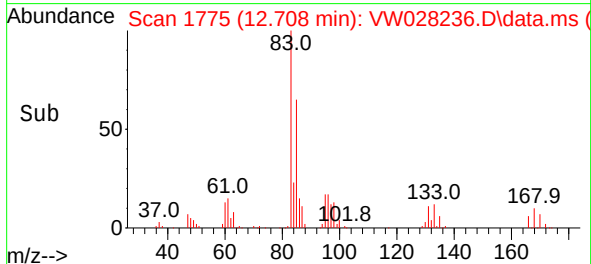
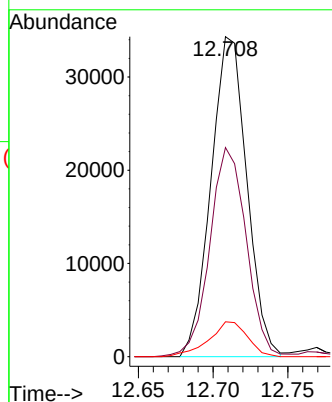
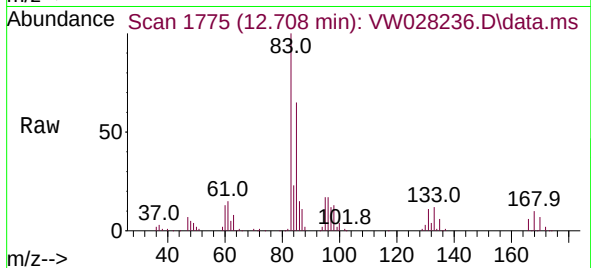




#57
1,1,2-Tetrachloroethane
Concen: 23.957 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

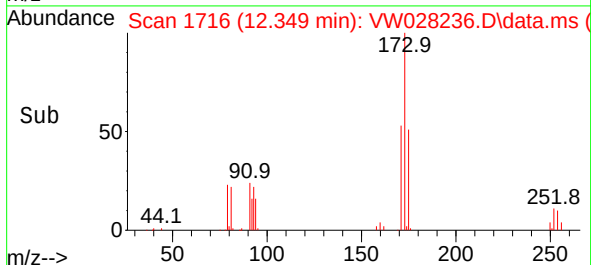
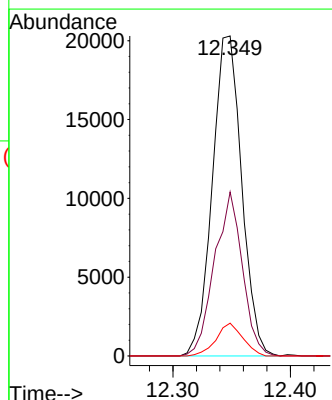
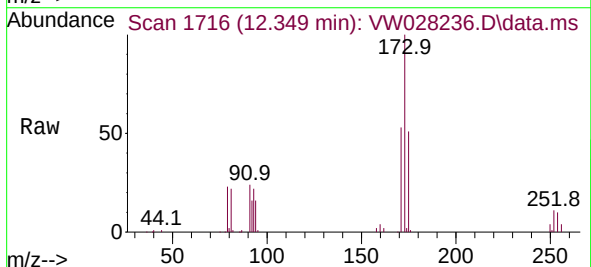
Instrument :
MSVOA_W
ClientSampleId :

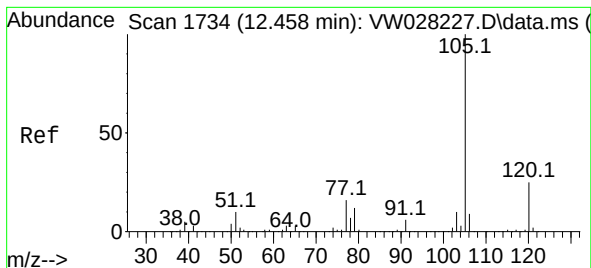
Tgt Ion: 83 Resp: 57309
Ion Ratio Lower Upper
83 100
85 65.4 47.0 87.2
131 10.9 8.9 13.3



#59
Bromoform
Concen: 25.234 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

Tgt Ion:173 Resp: 35236
Ion Ratio Lower Upper
173 100
175 48.6 39.8 59.6
254 9.3 8.5 12.7





#60

Isopropylbenzene

Concen: 25.745 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

ClientSampleId :

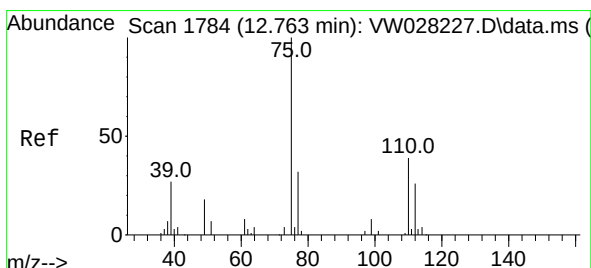
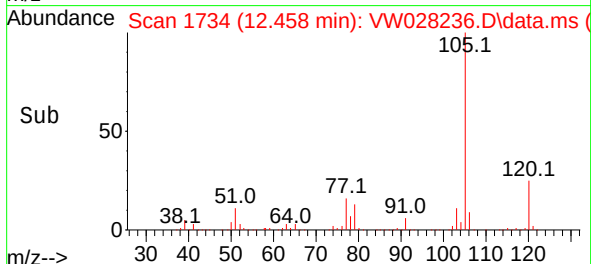
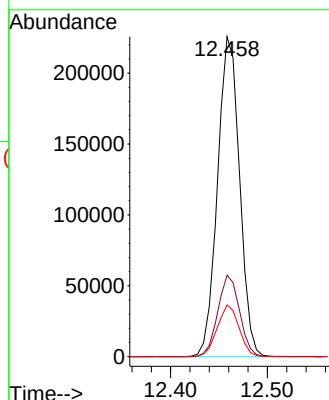
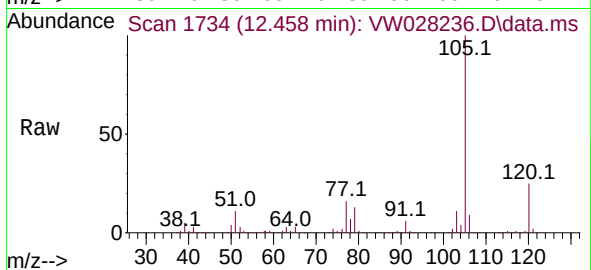
Tgt Ion:105 Resp: 356445

Ion Ratio Lower Upper

105 100

120 25.2 21.0 31.6

77 16.0 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 24.169 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

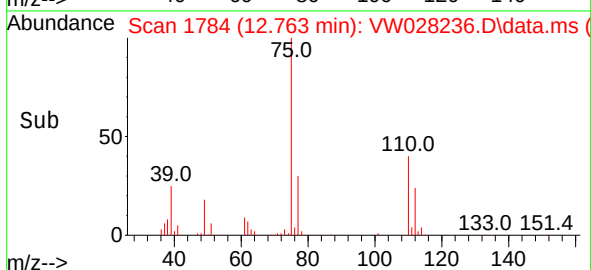
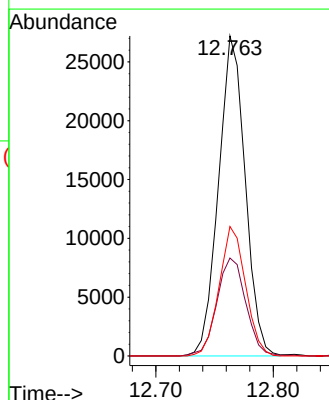
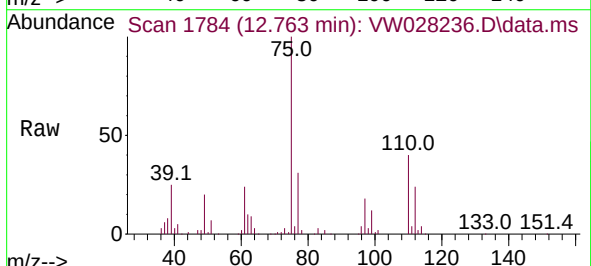
Tgt Ion: 75 Resp: 42983

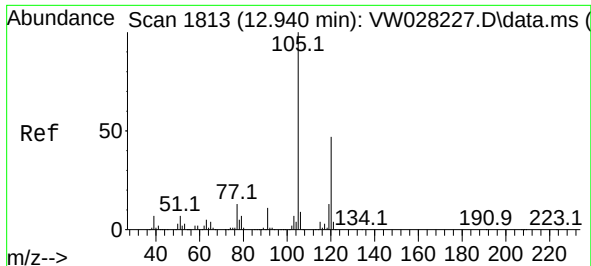
Ion Ratio Lower Upper

75 100

77 33.1 26.0 39.0

110 40.0 32.2 48.2





#62

1,3,5-Trimethylbenzene

Concen: 25.795 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

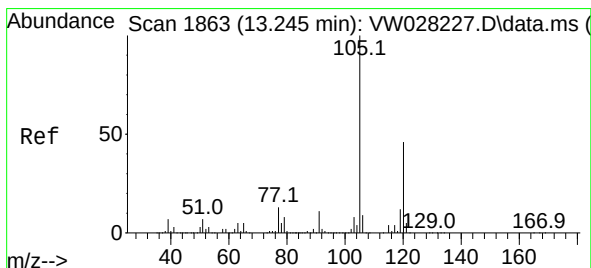
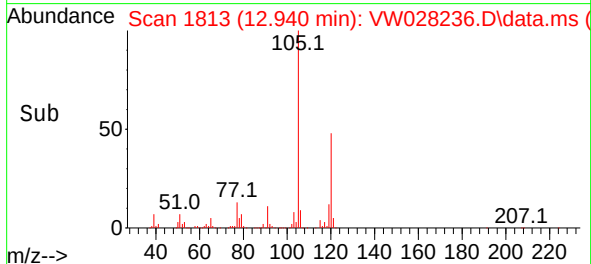
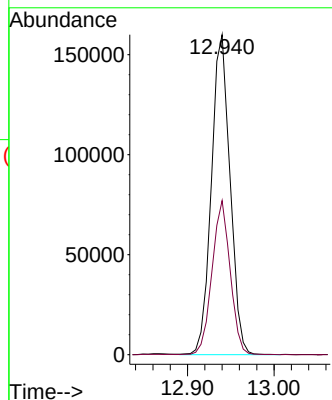
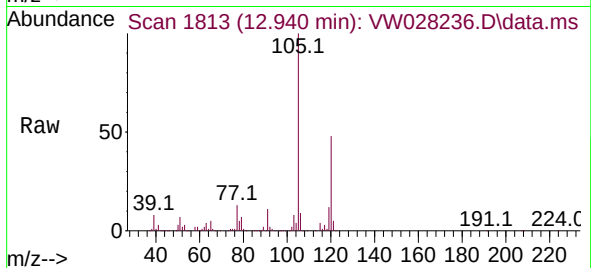
ClientSampleId :

Tgt Ion:105 Resp: 239629

Ion Ratio Lower Upper

105 100

120 46.7 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 25.890 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028236.D

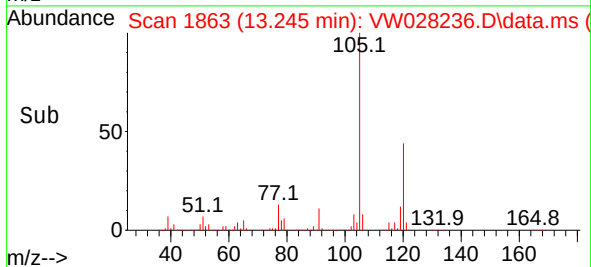
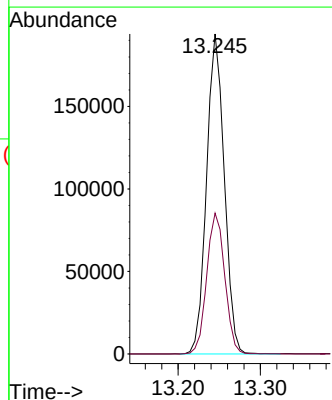
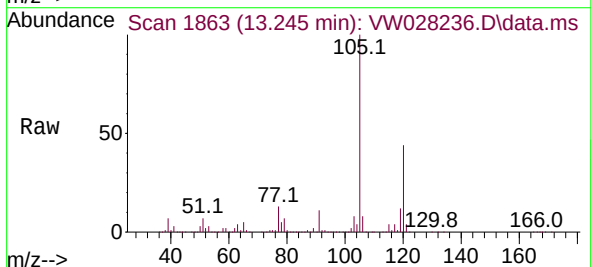
Acq: 22 Mar 2024 18:37

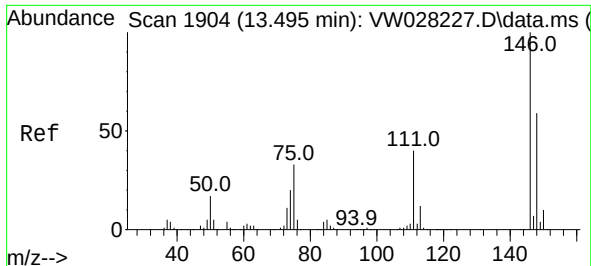
Tgt Ion:105 Resp: 290418

Ion Ratio Lower Upper

105 100

120 44.7 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 24.745 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

ClientSampleId :

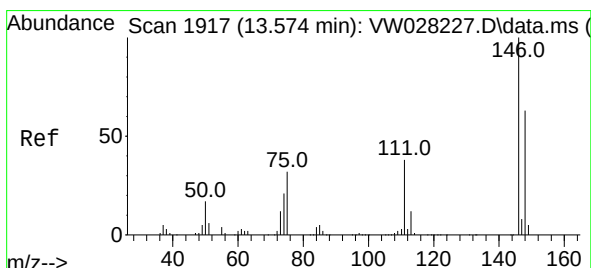
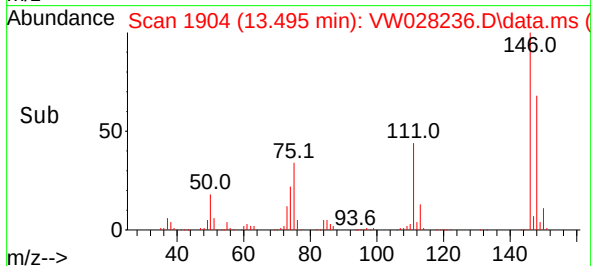
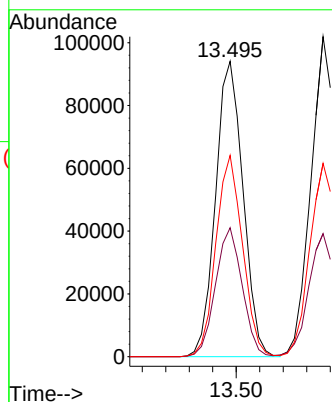
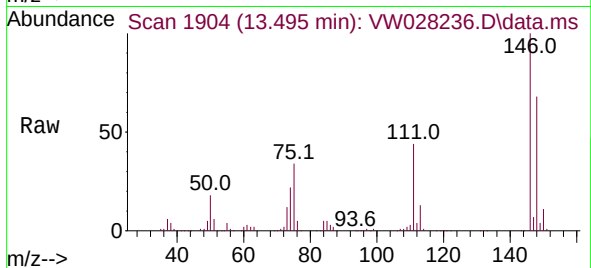
Tgt Ion:146 Resp: 152844

Ion Ratio Lower Upper

146 100

111 43.7 28.5 52.9

148 68.1 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 24.732 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

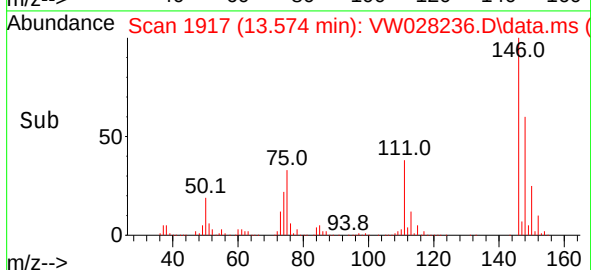
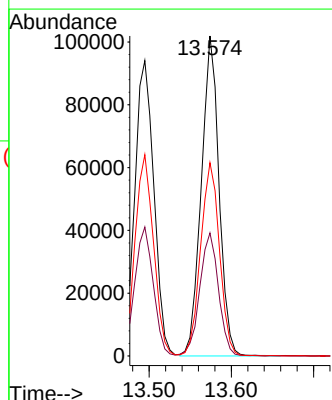
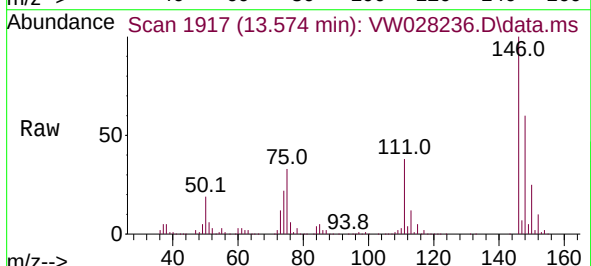
Tgt Ion:146 Resp: 152758

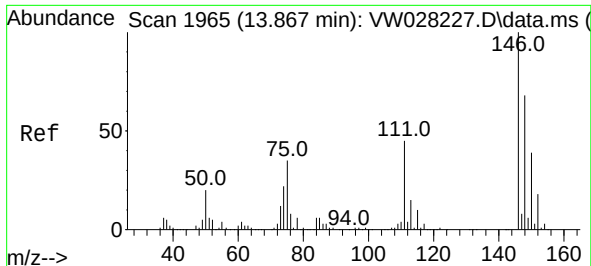
Ion Ratio Lower Upper

146 100

111 38.4 28.8 53.6

148 60.4 45.3 84.1

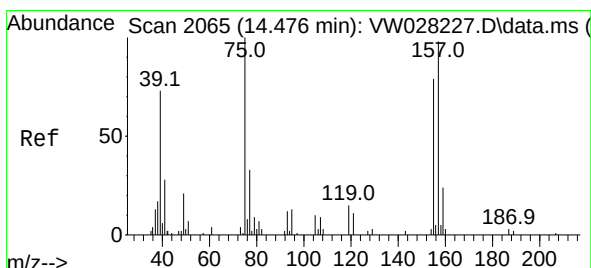
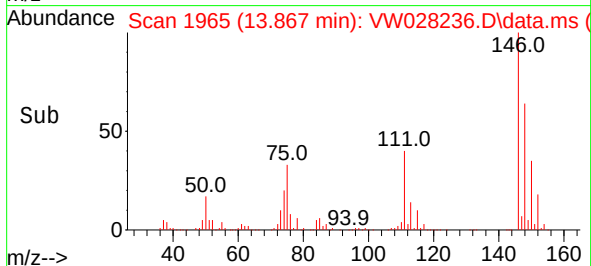
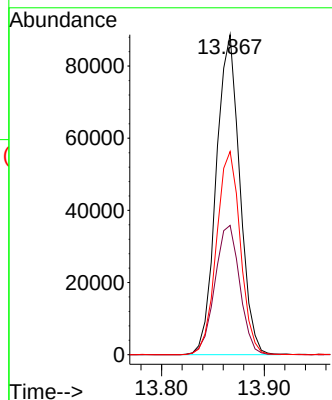
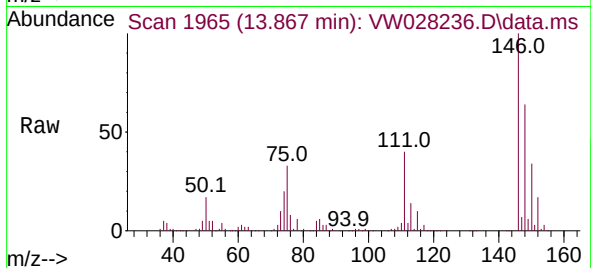




#67
1,2-Dichlorobenzene
Concen: 26.517 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

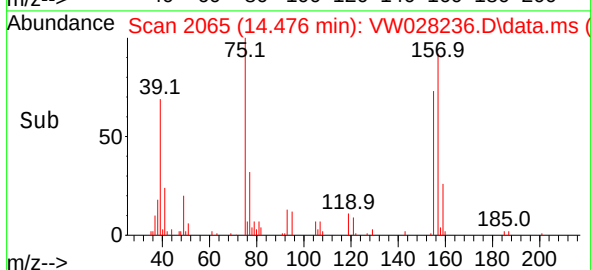
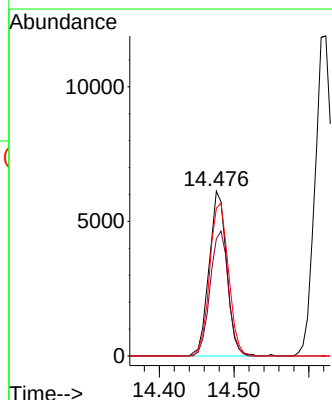
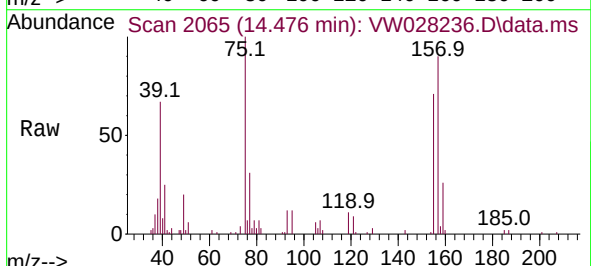
Instrument :
MSVOA_W
ClientSampleId :

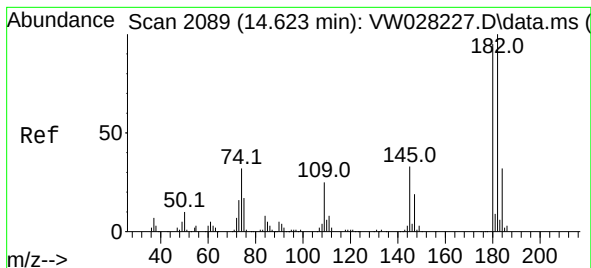
Tgt Ion:146 Resp: 141047
Ion Ratio Lower Upper
146 100
111 40.4 34.2 51.2
148 63.5 48.1 72.1



#68
1,2-Dibromo-3-chloropropane
Concen: 23.903 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

Tgt Ion: 75 Resp: 9986
Ion Ratio Lower Upper
75 100
155 71.1 61.1 91.7
157 89.6 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 24.022 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 103353

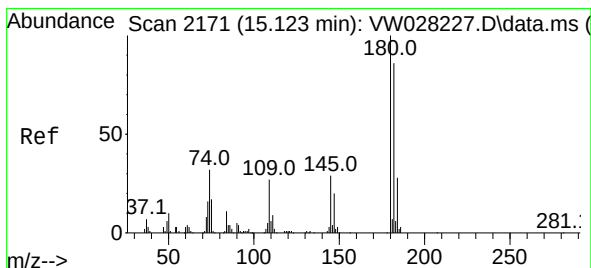
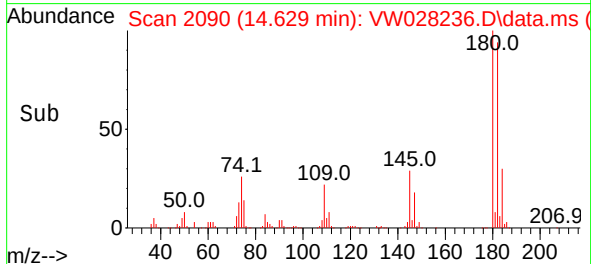
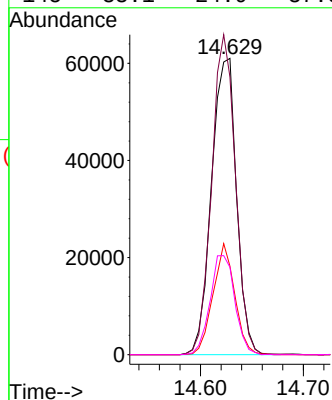
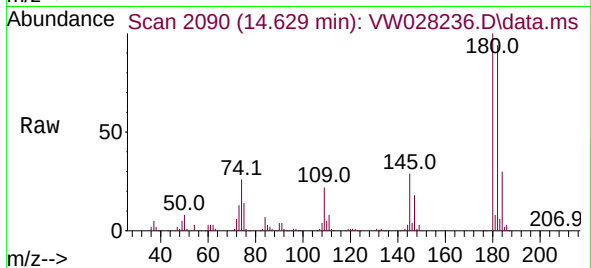
Ion Ratio Lower Upper

180 100

182 102.2 76.6 114.8

184 32.5 23.5 35.3

145 33.1 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 24.121 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028236.D

Acq: 22 Mar 2024 18:37

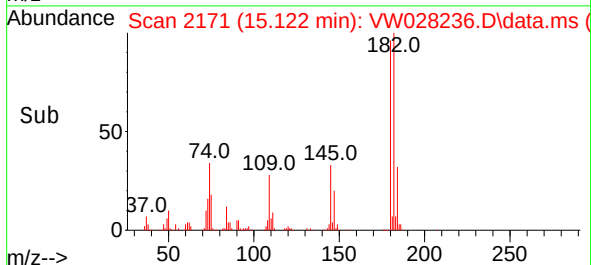
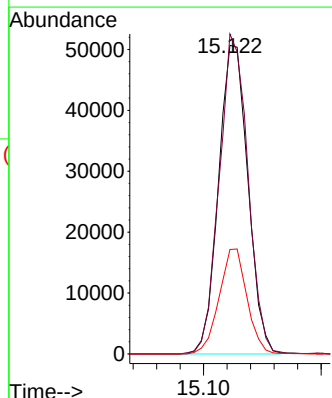
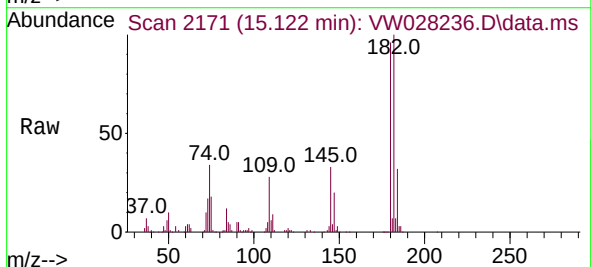
Tgt Ion:180 Resp: 88165

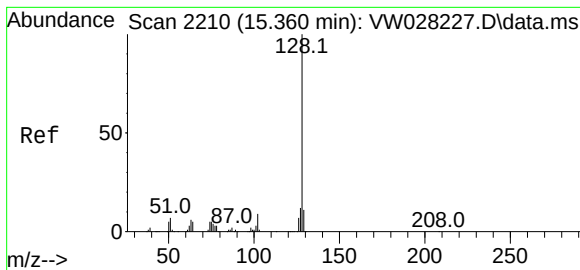
Ion Ratio Lower Upper

180 100

182 101.0 73.8 110.8

145 32.3 25.0 37.6

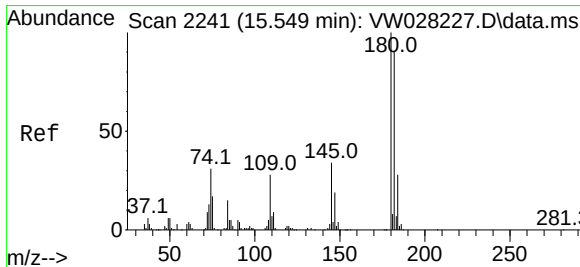
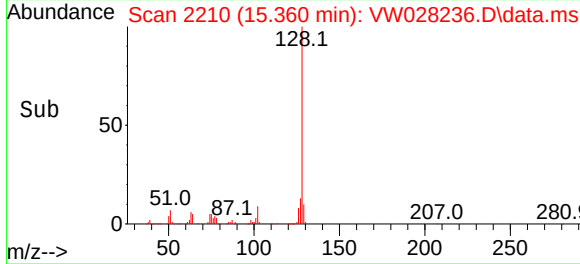
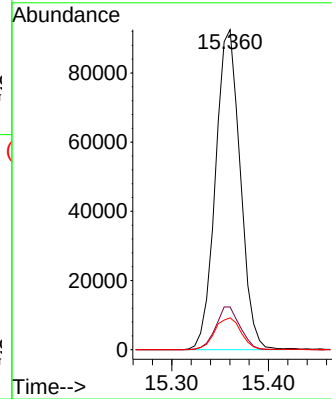
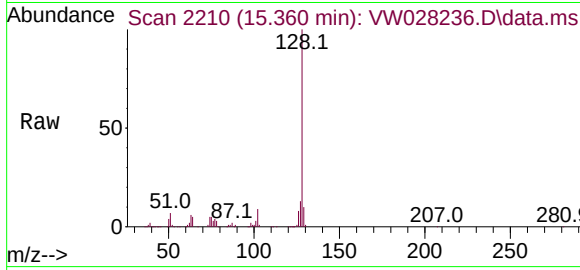




#71
Naphthalene
Concen: 26.196 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 164346
Ion Ratio Lower Upper
128 100
127 13.2 10.9 16.3
129 10.6 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 26.540 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW028236.D
Acq: 22 Mar 2024 18:37

Tgt Ion:180 Resp: 79969
Ion Ratio Lower Upper
180 100
182 92.0 76.0 114.0
145 32.1 27.1 40.7

