

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070224\
 Data File : VW029456.D
 Acq On : 02 Jul 2024 19:54
 Operator : SY/MD
 Sample : P3124-02MS
 Misc : 4.83g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CB3MS

Quant Time: Jul 03 05:46:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 03 05:41:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	248776	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	140766	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	30496	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	78242	22.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.880%
7) Chloroethane-d5	2.899	69	68660	23.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.440%
11) 1,1-Dichloroethene-d2	4.027	65	36151	21.744	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.960%
21) 2-Butanone-d5	7.075	46	37741	36.635	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.260%
24) Chloroform-d	7.648	84	172748	23.278	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.120%
26) 1,2-Dichloroethane-d4	8.306	65	105465	24.752	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	8.276	84	311132	36.389	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	145.560%#
36) 1,2-Dichloropropane-d6	9.276	67	104970	38.622	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	154.480%#
41) Toluene-d8	10.318	98	215596	28.501	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.000%
43) trans-1,3-Dichloroprop...	10.574	79	22781	20.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.200%
47) 2-Hexanone-d5	10.922	63	21801	51.168	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	59118	27.329	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.320%
66) 1,2-Dichlorobenzene-d4	13.854	152	22344	21.108	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	40215	16.569	ug/L	99
3) Chloromethane	2.222	50	47031	13.590	ug/L	96
5) Vinyl chloride	2.375	62	70403	17.715	ug/L	98
6) Bromomethane	2.789	94	24810	10.386	ug/L	98
8) Chloroethane	2.929	64	46561	19.154	ug/L	95
9) Trichlorofluoromethane	3.265	101	60563	19.656	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	48544	14.289	ug/L #	89
12) 1,1-Dichloroethene	4.045	96	55128	19.124	ug/L	98
13) Acetone	4.130	43	29167	33.315	ug/L	97
14) Carbon disulfide	4.386	76	120317	12.786	ug/L	99
15) Methyl Acetate	4.673	43	18357	10.562	ug/L	97
16) Methylene chloride	4.923	84	77763	17.777	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	57250	17.884	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	129509	25.286	ug/L	97
19) 1,1-Dichloroethane	6.215	63	142008	20.539	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	66665	18.885	ug/L	98
22) 2-Butanone	7.172	43	60159	50.128	ug/L	89
23) Bromochloromethane	7.514	128	32132	20.447	ug/L	94
25) Chloroform	7.678	83	133884	19.831	ug/L	98

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 Response via : Initial Calibration

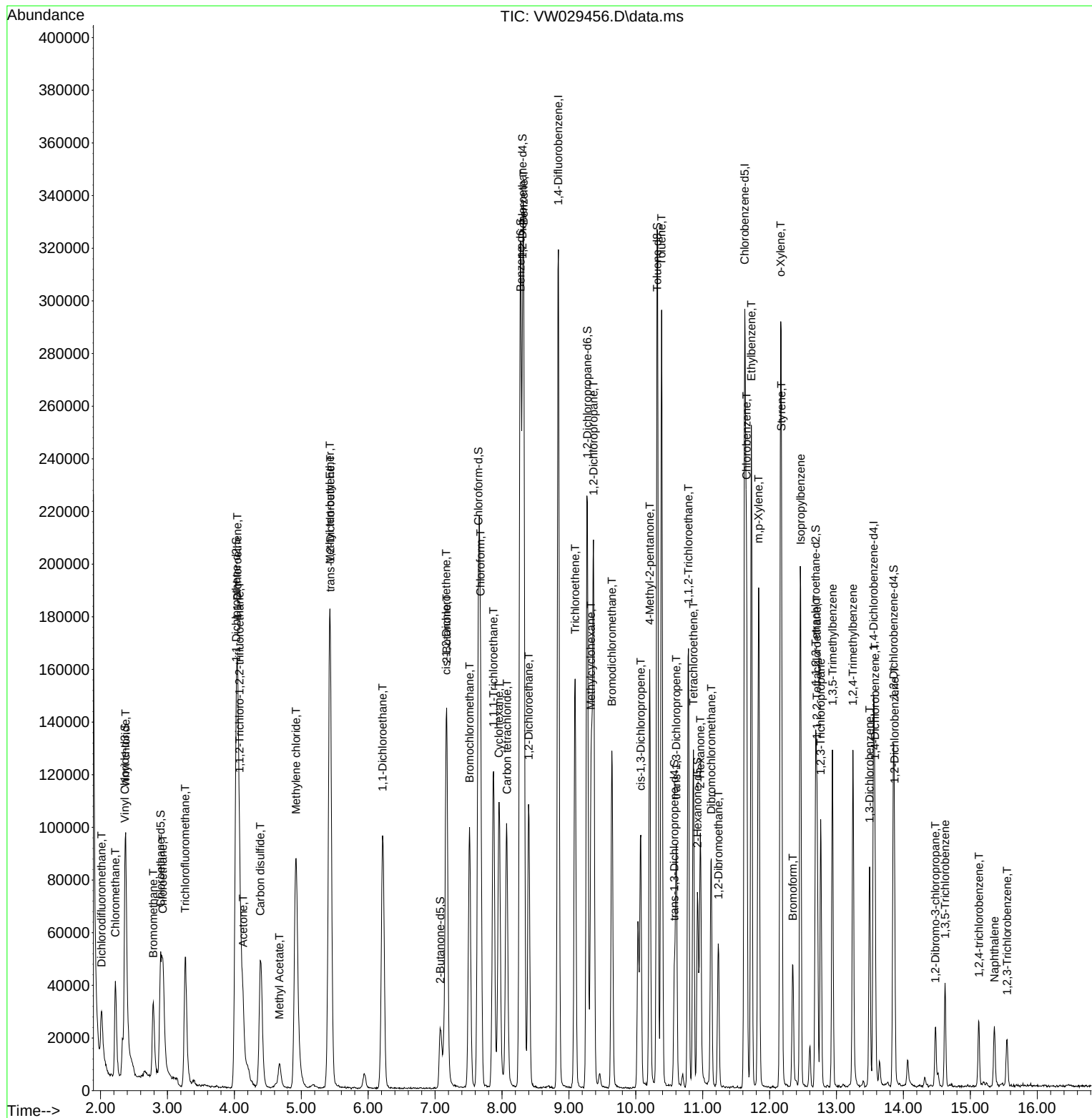
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	98705	19.823	ug/L	98
29) Cyclohexane	7.953	56	59379	18.452	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	96721	30.900	ug/L	96
31) Carbon tetrachloride	8.075	117	73997	25.878	ug/L	97
33) Benzene	8.325	78	255862	30.251	ug/L	100
34) Trichloroethene	9.093	95	54560	24.179	ug/L	91
35) Methylcyclohexane	9.331	83	45328	12.773	ug/L	99
37) 1,2-Dichloropropane	9.367	63	73589	30.963	ug/L	100
38) Bromodichloromethane	9.642	83	84731	29.159	ug/L	100
39) cis-1,3-Dichloropropene	10.074	75	54686	16.278	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	105894	71.887	ug/L	98
42) Toluene	10.385	91	204868	23.561	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	48046	16.937	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	50099	30.267	ug/L	96
46) Tetrachloroethene	10.861	164	26796	16.987	ug/L	92
48) 2-Hexanone	10.964	43	72747	69.598	ug/L #	90
49) Dibromochloromethane	11.129	129	44134	25.507	ug/L	91
50) 1,2-Dibromoethane	11.233	107	37028	24.920	ug/L #	98
51) Chlorobenzene	11.653	112	95586	16.929	ug/L	99
52) Ethylbenzene	11.727	91	162908	16.505	ug/L	99
53) m,p-Xylene	11.836	106	57338	15.904	ug/L	98
54) o-Xylene	12.165	106	53520	15.884	ug/L	97
55) Styrene	12.178	104	76508	13.023	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	45539	22.241	ug/L	97
59) Bromoform	12.348	173	20994	50.229	ug/L	99
60) Isopropylbenzene	12.464	105	120531	29.662	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	40194	60.427	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	63363	21.531	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	65232	20.602	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	31904	18.143	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	31542	16.859	ug/L	100
67) 1,2-Dichlorobenzene	13.866	146	28030	17.242	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	5891	37.951	ug/L	88
69) 1,3,5-Trichlorobenzene	14.622	180	10815	9.113	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	6842	7.112	ug/L	97
71) Naphthalene	15.360	128	17993	9.476	ug/L	96
72) 1,2,3-Trichlorobenzene	15.549	180	5288	6.032	ug/L	93

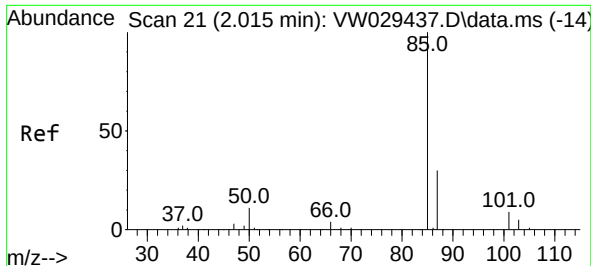
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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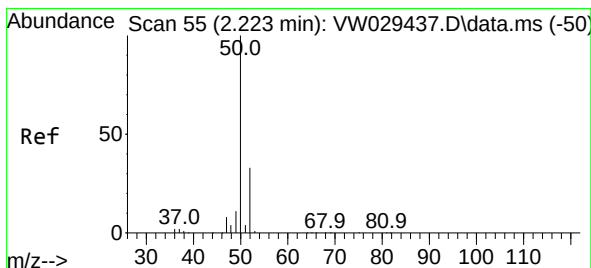
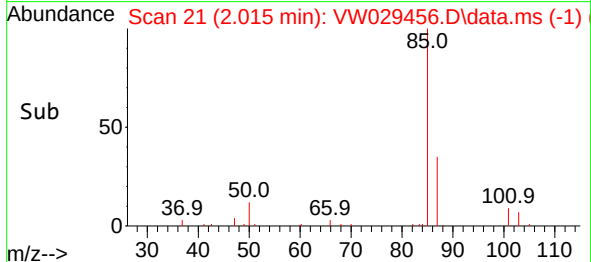
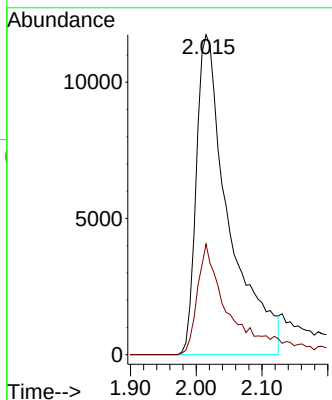
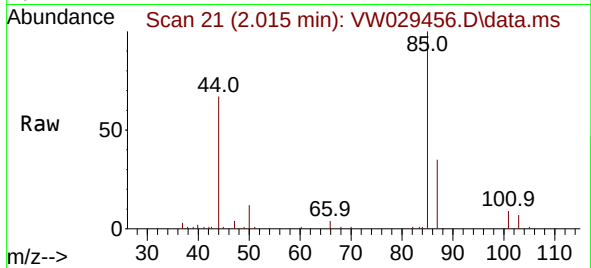




#2
Dichlorodifluoromethane
Concen: 16.569 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

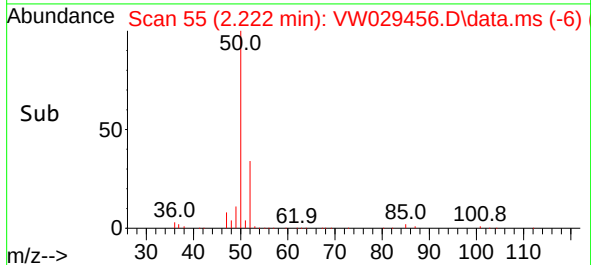
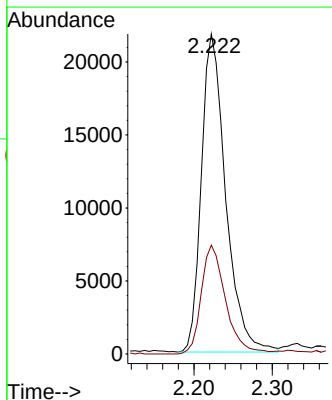
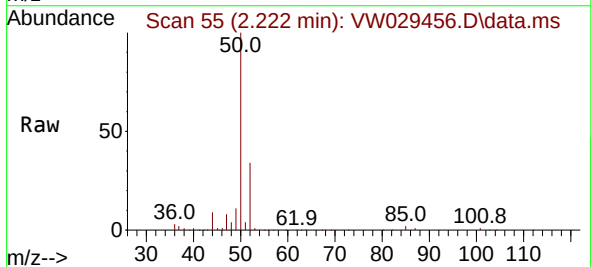
Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

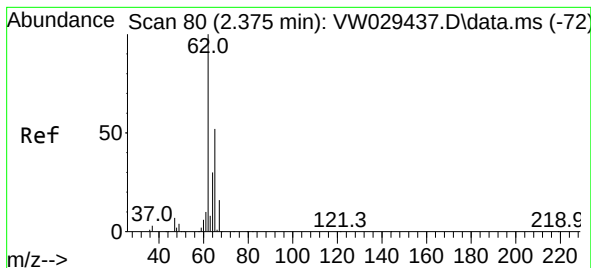
Tgt Ion: 85 Resp: 40215
Ion Ratio Lower Upper
85 100
87 28.9 23.8 35.6



#3
Chloromethane
Concen: 13.590 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion: 50 Resp: 47031
Ion Ratio Lower Upper
50 100
52 34.0 22.3 41.5





#5

Vinyl chloride

Concen: 17.715 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW029456.D

Acq: 02 Jul 2024 19:54

Instrument :

MSVOA_W

ClientSampleId :

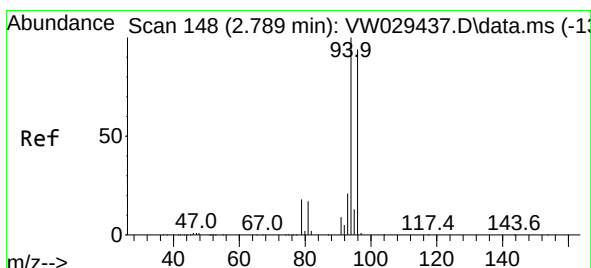
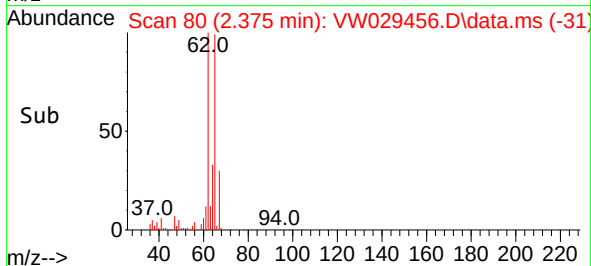
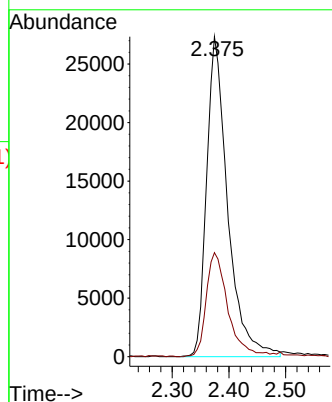
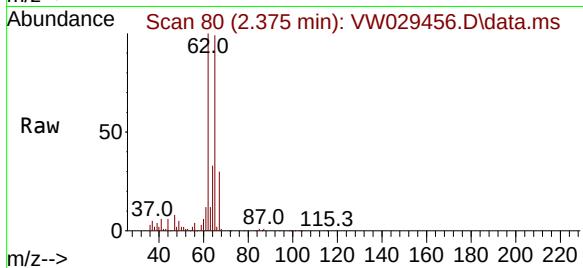
A4CB3MS

Tgt Ion: 62 Resp: 70403

Ion Ratio Lower Upper

62 100

64 32.5 22.0 40.8



#6

Bromomethane

Concen: 10.386 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW029456.D

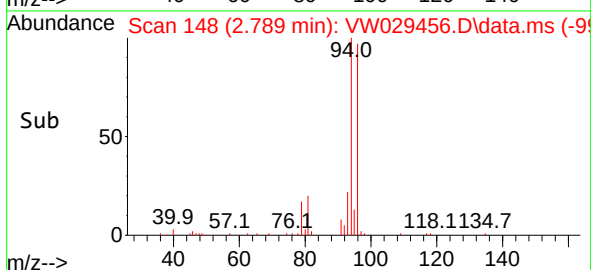
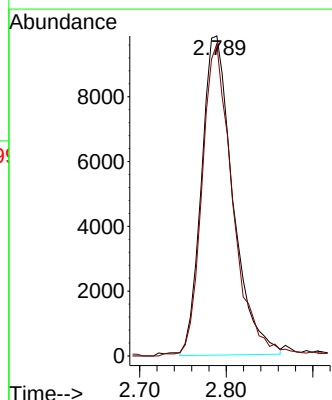
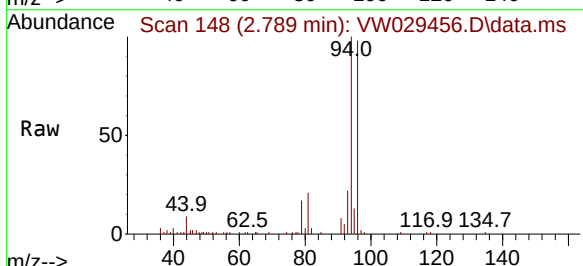
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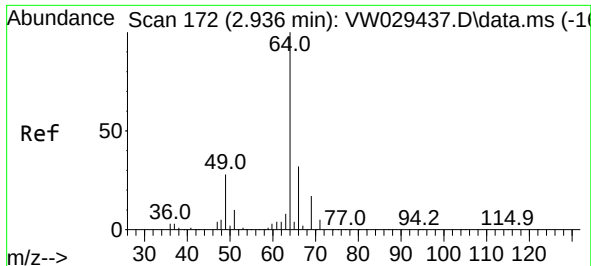
Tgt Ion: 94 Resp: 24810

Ion Ratio Lower Upper

94 100

96 97.6 69.5 129.1

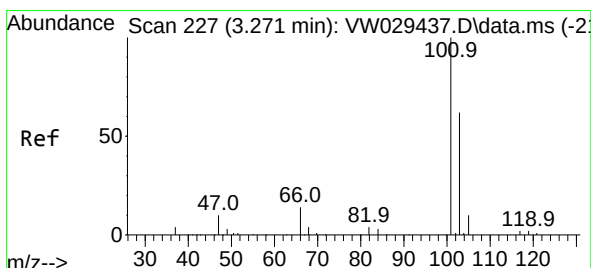
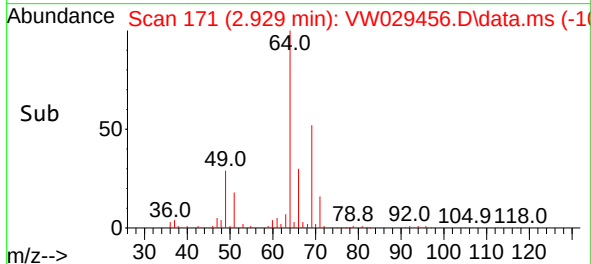
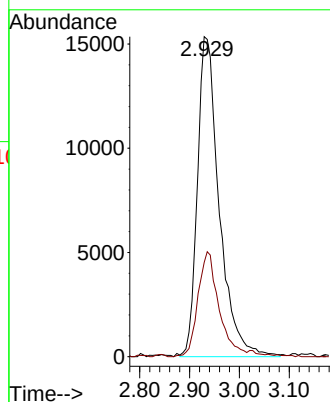
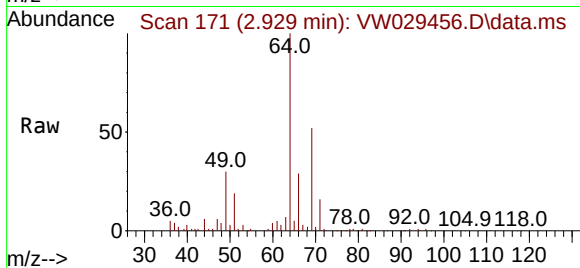




#8
Chloroethane
Concen: 19.154 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

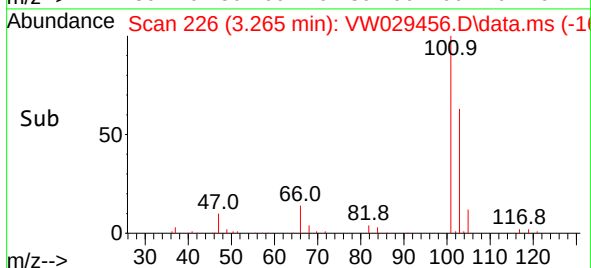
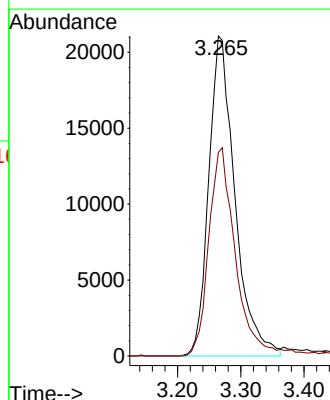
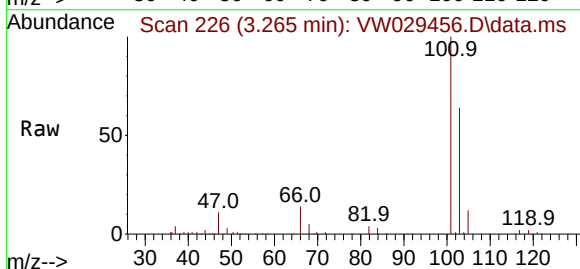
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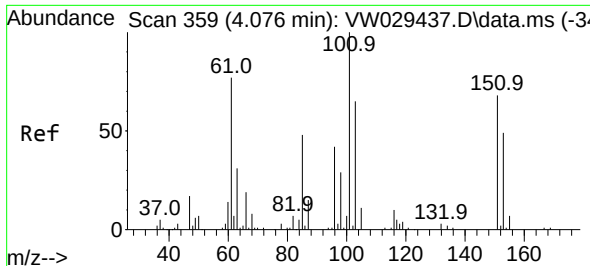
Tgt Ion: 64 Resp: 46561
Ion Ratio Lower Upper
64 100
66 29.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 19.656 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion: 101 Resp: 60563
Ion Ratio Lower Upper
101 100
103 65.1 50.8 76.2

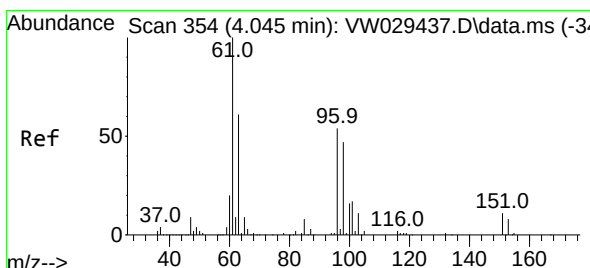
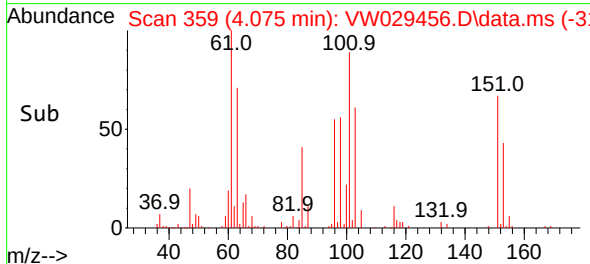
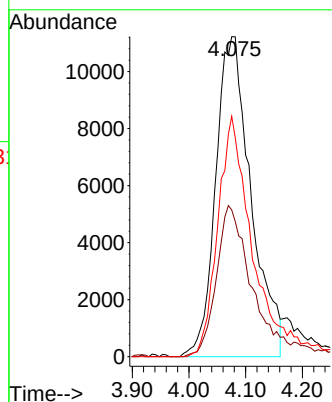
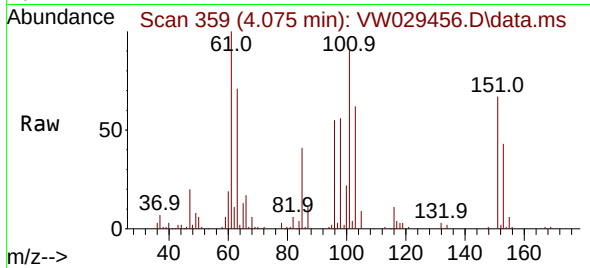




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 14.289 ug/L
RT: 4.075 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

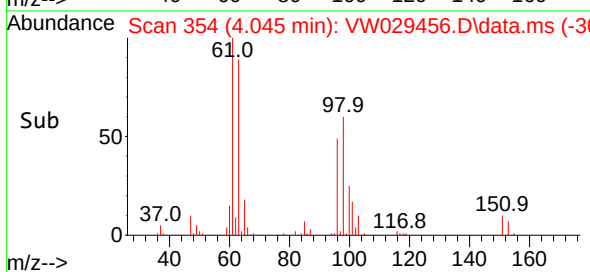
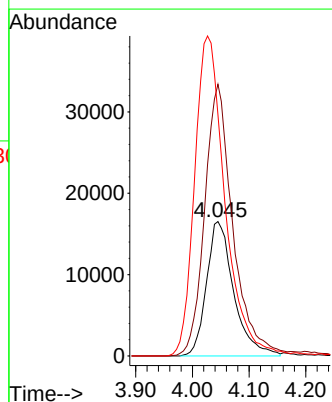
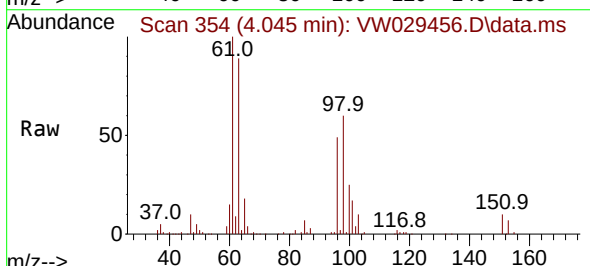
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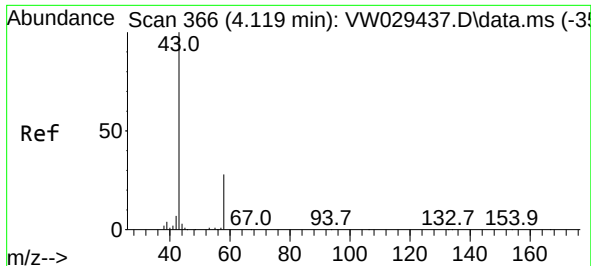
Tgt Ion:101 Resp: 48544
Ion Ratio Lower Upper
101 100
85 46.6 30.2 45.2#
151 72.7 52.2 78.4



#12
1,1-Dichloroethene
Concen: 19.124 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion: 96 Resp: 55128
Ion Ratio Lower Upper
96 100
61 202.0 140.1 260.3
63 179.4 122.0 226.6





#13

Acetone

Concen: 33.315 ug/L

RT: 4.130 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW029456.D

Acq: 02 Jul 2024 19:54

Instrument :

MSVOA_W

ClientSampleId :

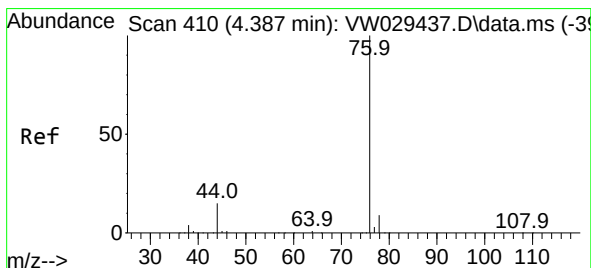
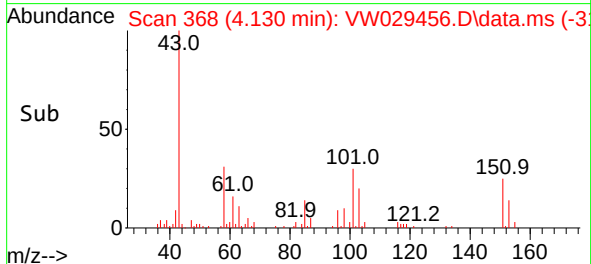
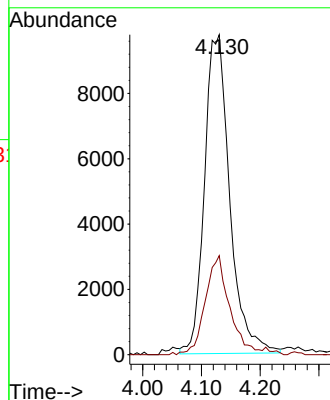
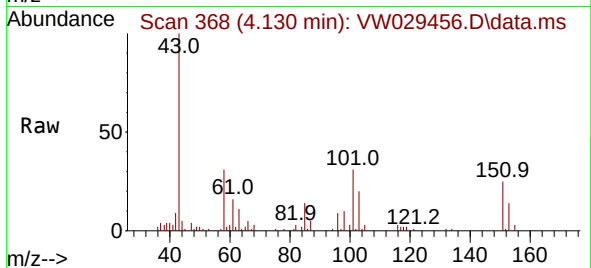
A4CB3MS

Tgt Ion: 43 Resp: 29167

Ion Ratio Lower Upper

43 100

58 28.9 0.0 61.4



#14

Carbon disulfide

Concen: 12.786 ug/L

RT: 4.386 min Scan# 410

Delta R.T. -0.000 min

Lab File: VW029456.D

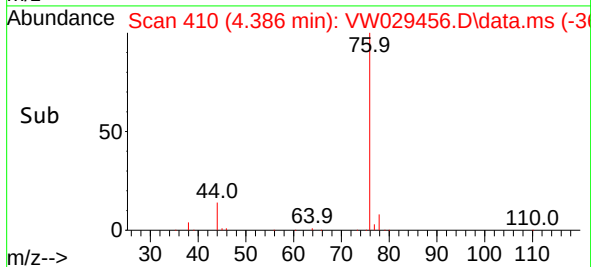
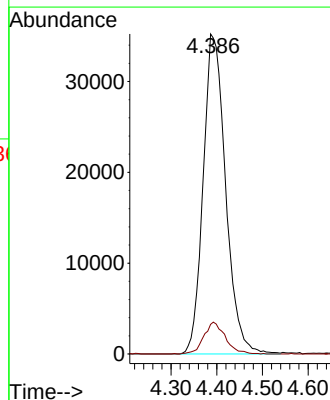
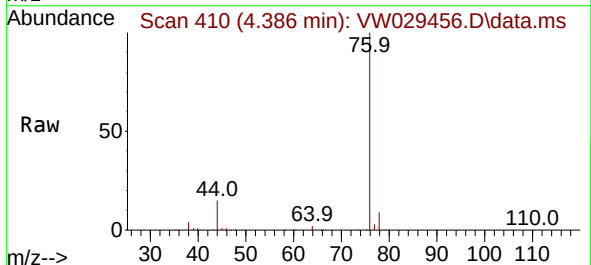
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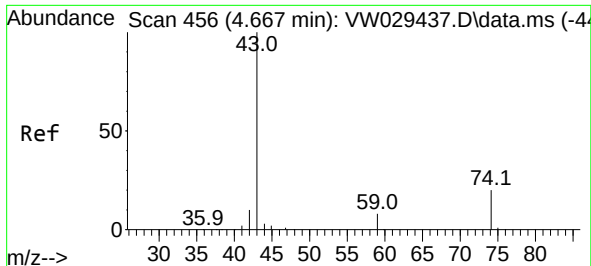
Tgt Ion: 76 Resp: 120317

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

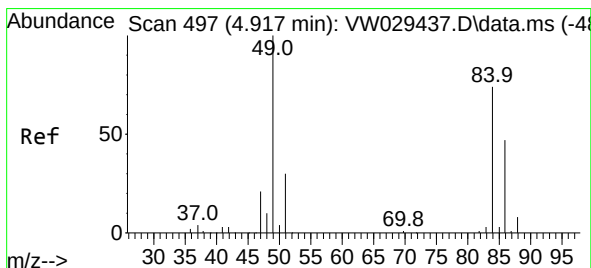
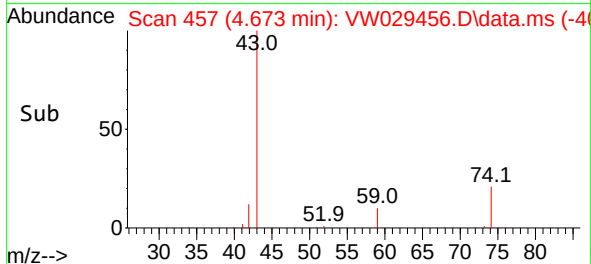
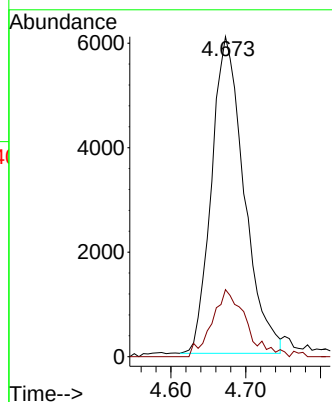
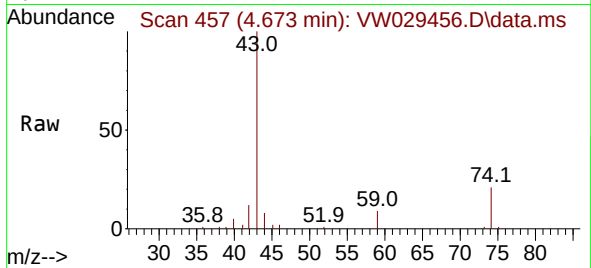




#15
Methyl Acetate
Concen: 10.562 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

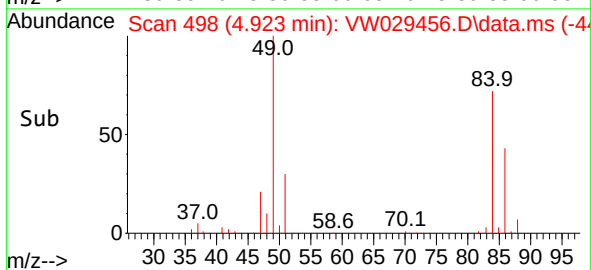
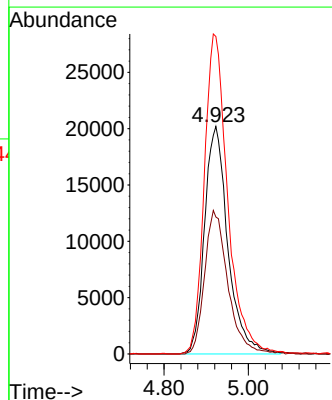
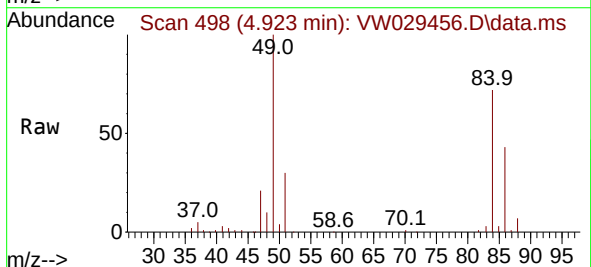
Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

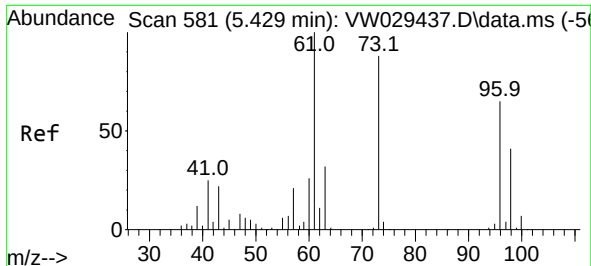
Tgt Ion: 43 Resp: 18357
Ion Ratio Lower Upper
43 100
74 19.3 16.6 25.0



#16
Methylene chloride
Concen: 17.777 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion: 84 Resp: 77763
Ion Ratio Lower Upper
84 100
86 60.2 41.4 77.0
49 139.6 95.7 177.7

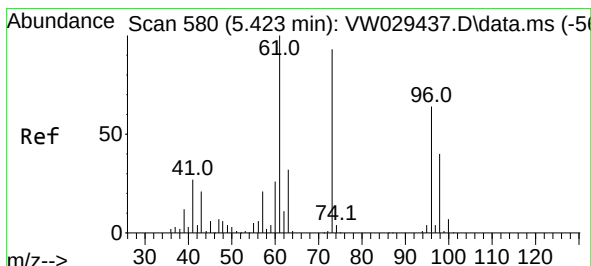
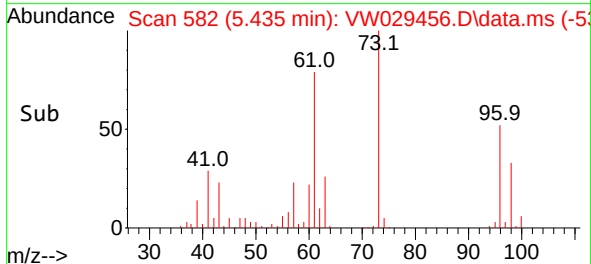
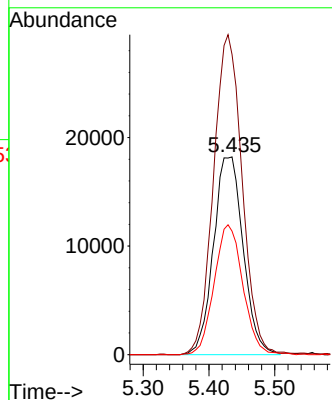
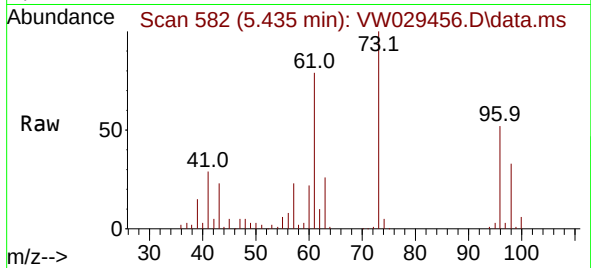




#17
trans-1,2-Dichloroethene
Concen: 17.884 ug/L
RT: 5.435 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

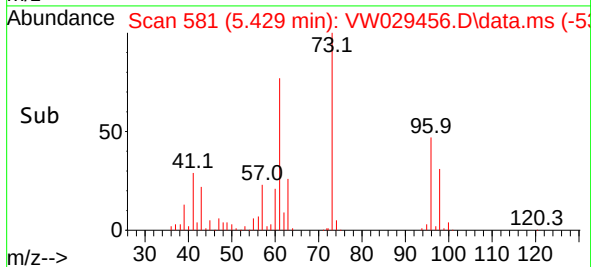
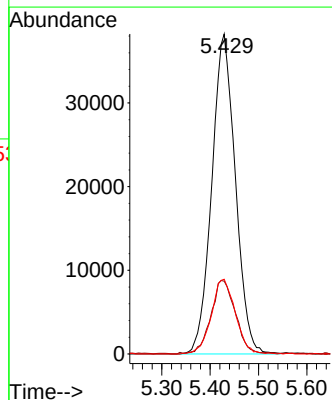
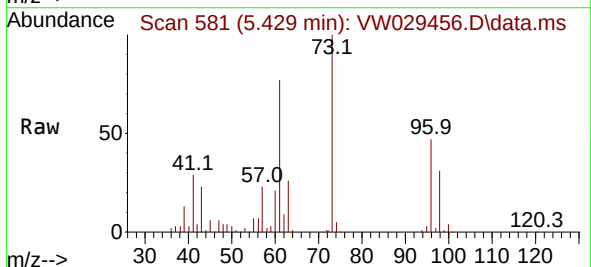
Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

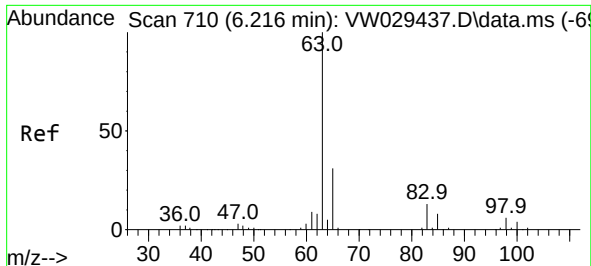
Tgt Ion: 96 Resp: 57250
Ion Ratio Lower Upper
96 100
61 151.8 101.5 188.5
98 62.5 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 25.286 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion: 73 Resp: 129509
Ion Ratio Lower Upper
73 100
43 22.7 19.5 29.3
57 23.8 18.4 27.6





#19

1,1-Dichloroethane

Concen: 20.539 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029456.D

Acq: 02 Jul 2024 19:54

Instrument :

MSVOA_W

ClientSampleId :

A4CB3MS

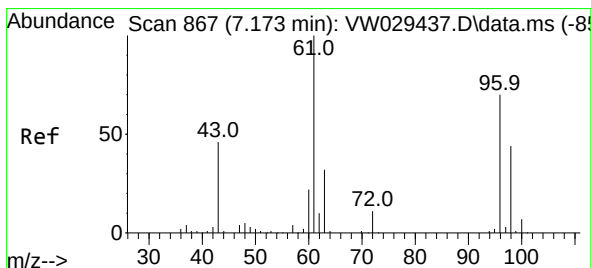
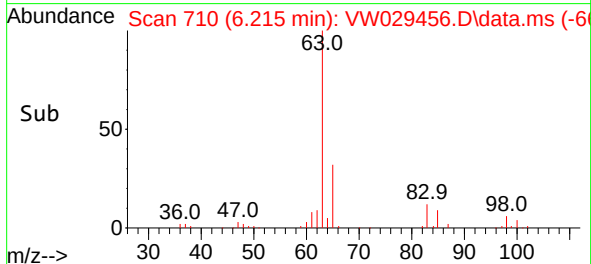
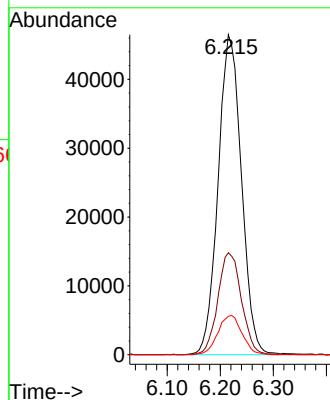
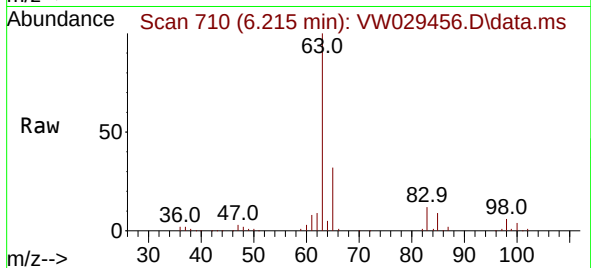
Tgt Ion: 63 Resp: 142008

Ion Ratio Lower Upper

63 100

65 31.8 23.4 43.4

83 12.0 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 18.885 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029456.D

Acq: 02 Jul 2024 19:54

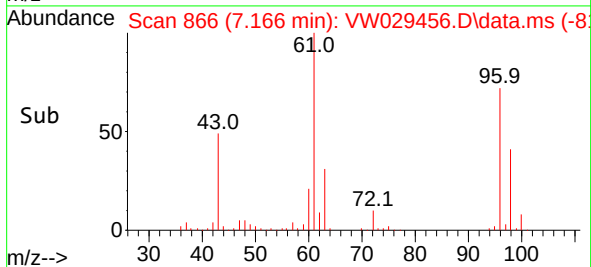
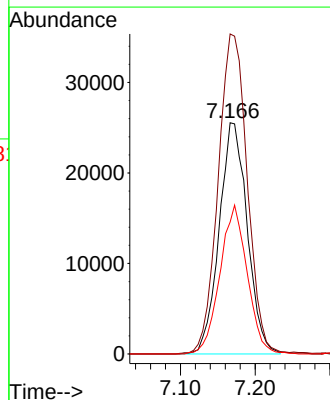
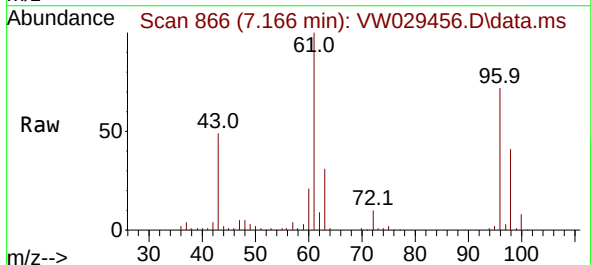
Tgt Ion: 96 Resp: 66665

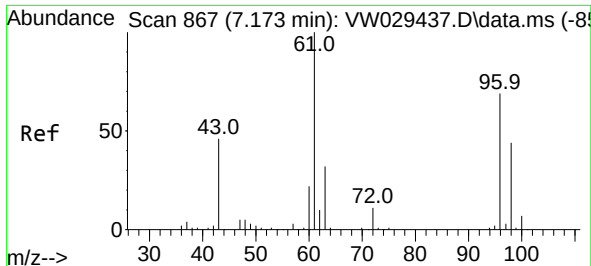
Ion Ratio Lower Upper

96 100

61 138.4 97.8 181.6

98 57.1 43.0 79.8

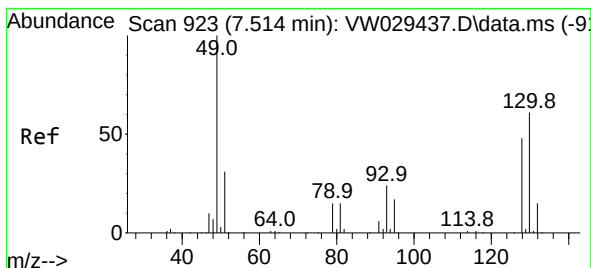
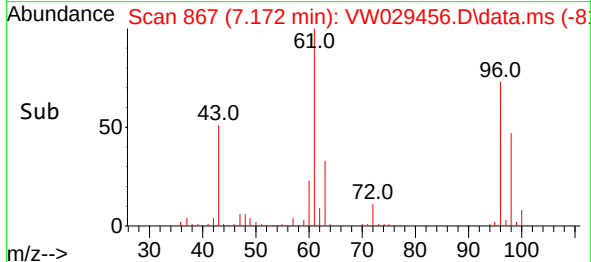
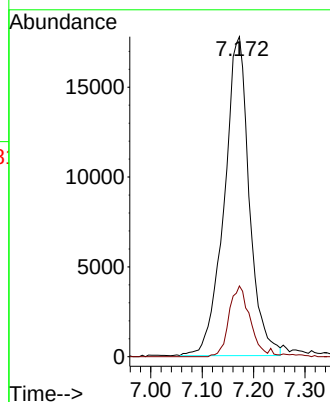
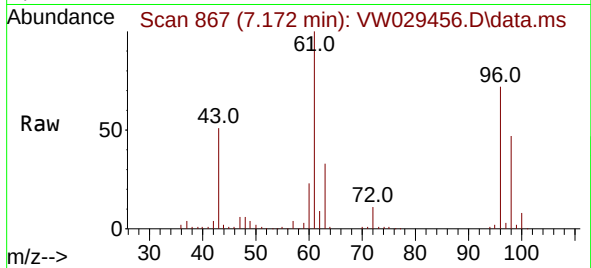




#22
2-Butanone
Concen: 50.128 ug/L
RT: 7.172 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

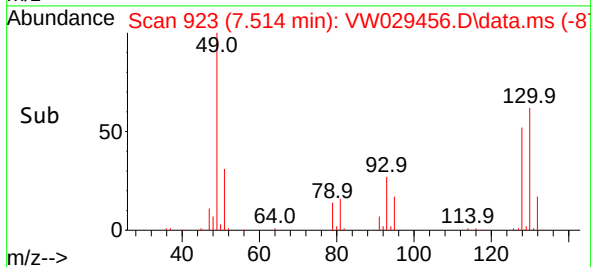
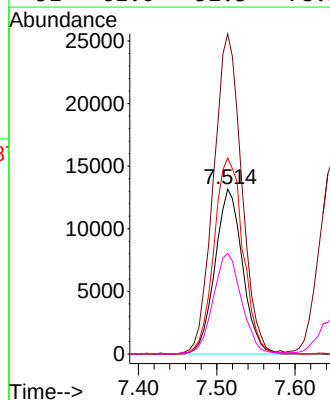
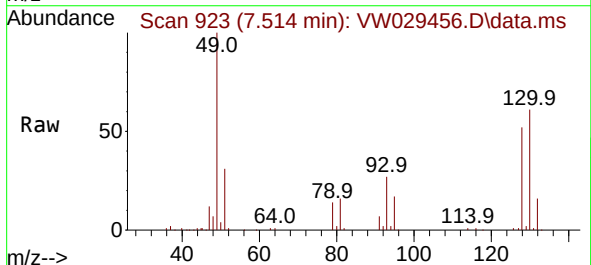
Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

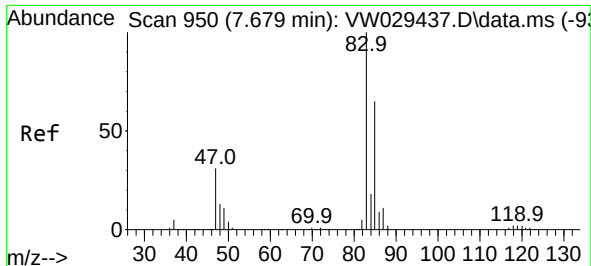
Tgt Ion: 43 Resp: 60159
Ion Ratio Lower Upper
43 100
72 18.3 11.9 35.7



#23
Bromochloromethane
Concen: 20.447 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion:128 Resp: 32132
Ion Ratio Lower Upper
128 100
49 194.1 142.6 264.8
130 119.0 79.7 148.1
51 61.0 52.3 78.5

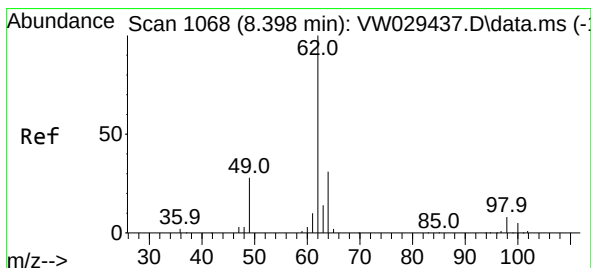
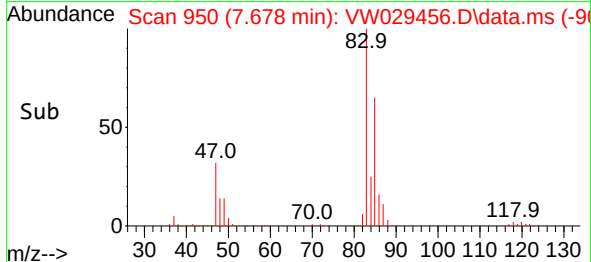
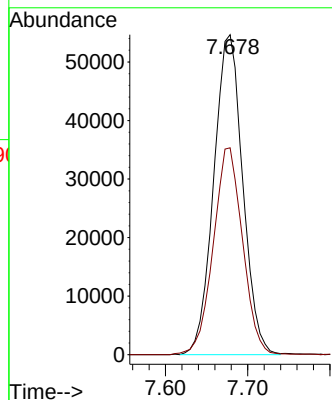
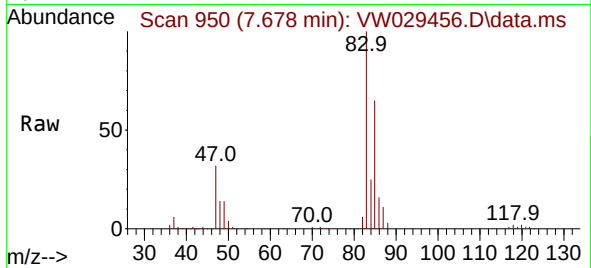




#25
Chloroform
Concen: 19.831 ug/L
RT: 7.678 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

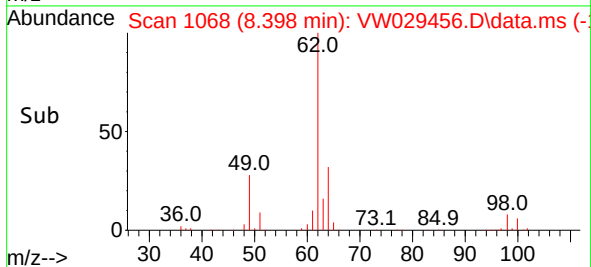
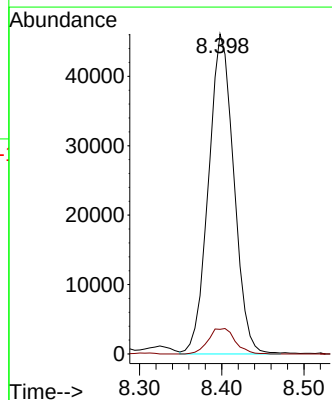
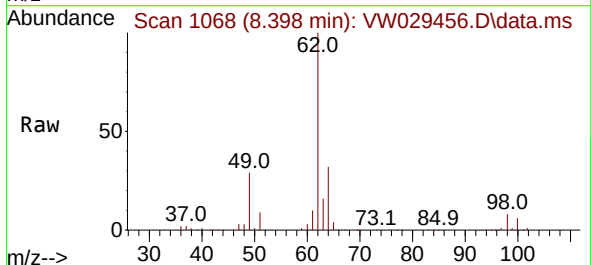
Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

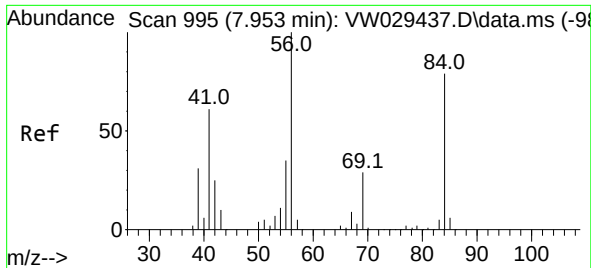
Tgt Ion: 83 Resp: 133884
Ion Ratio Lower Upper
83 100
85 64.7 44.4 82.4



#27
1,2-Dichloroethane
Concen: 19.823 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion: 62 Resp: 98705
Ion Ratio Lower Upper
62 100
98 7.7 6.6 10.0

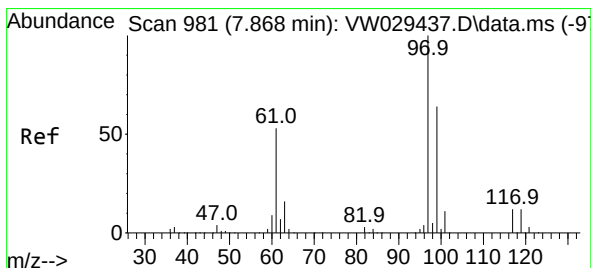
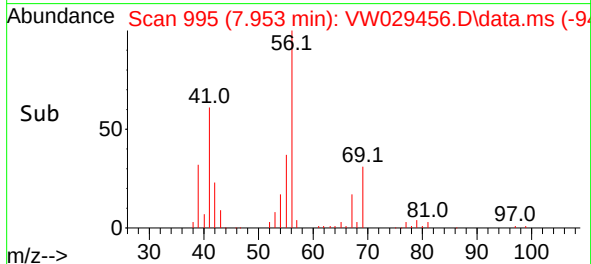
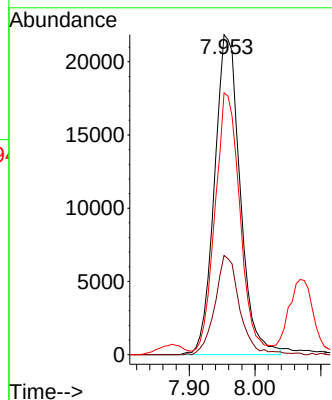
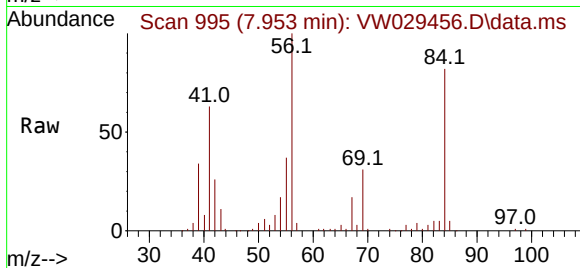




#29
Cyclohexane
Concen: 18.452 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

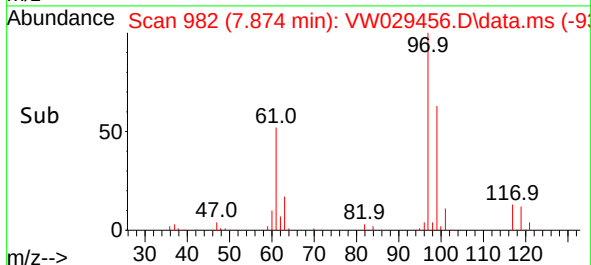
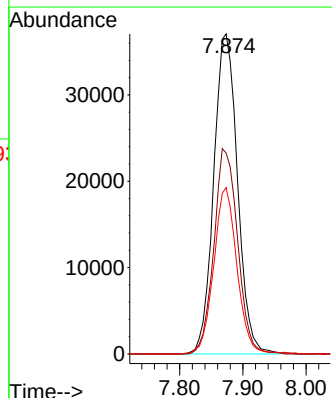
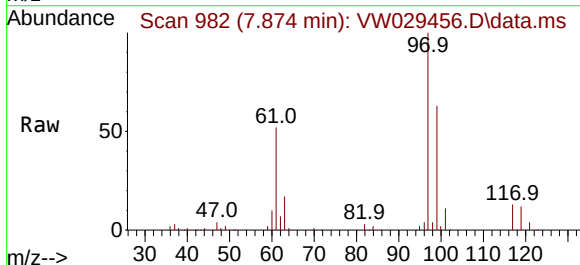
Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

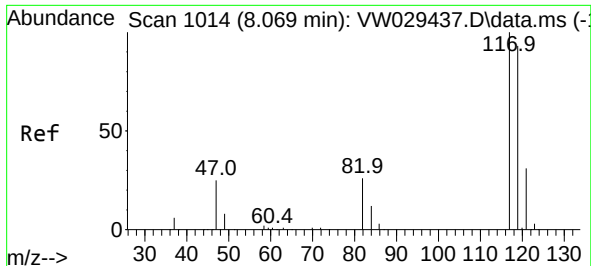
Tgt Ion:	56	Resp:	59379
Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.4	35.0
84	79.8	64.5	96.7



#30
1,1,1-Trichloroethane
Concen: 30.900 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion:	97	Resp:	96721
Ion	Ratio	Lower	Upper
97	100		
99	64.0	53.0	79.4
61	50.5	43.0	64.4

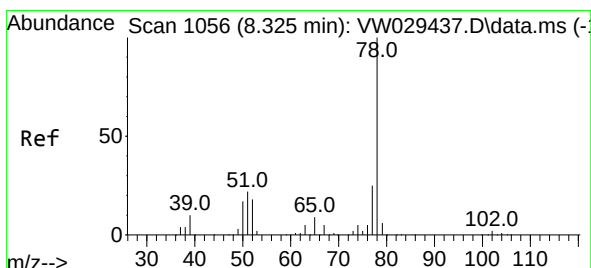
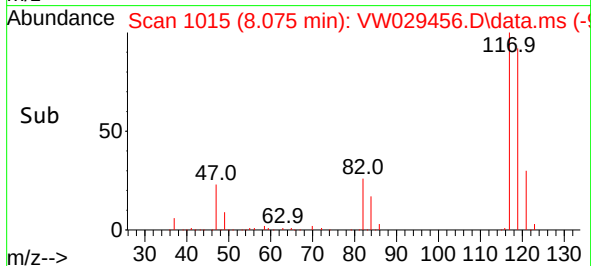
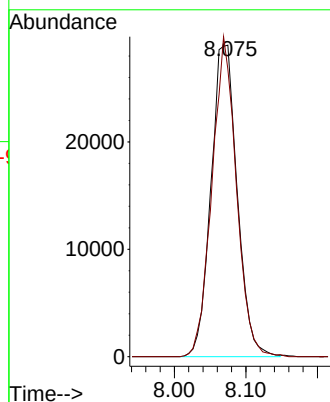
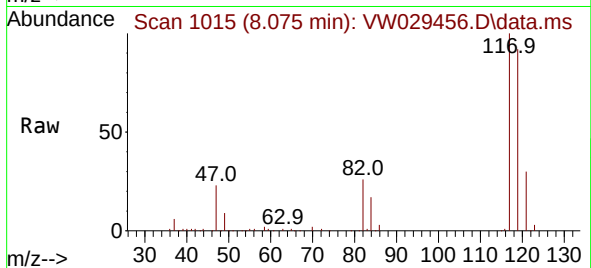




#31
Carbon tetrachloride
Concen: 25.878 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

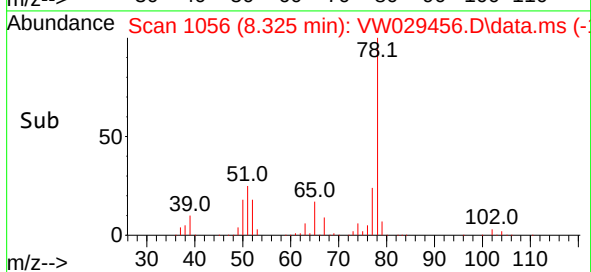
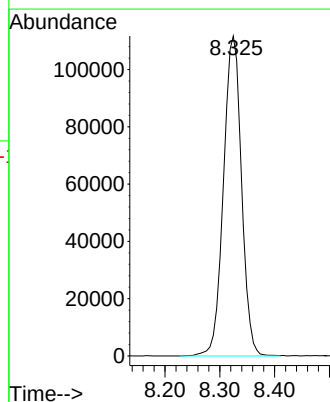
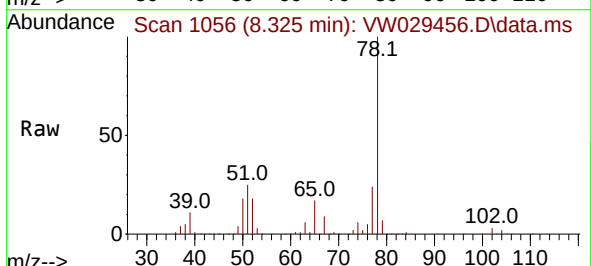
Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

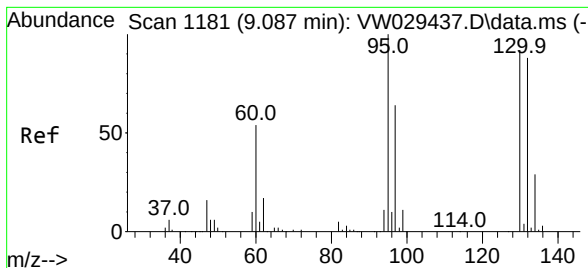
Tgt Ion:117 Resp: 73997
Ion Ratio Lower Upper
117 100
119 95.6 79.0 118.4



#33
Benzene
Concen: 30.251 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion: 78 Resp: 255862





#34

Trichloroethene

Concen: 24.179 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW029456.D

Acq: 02 Jul 2024 19:54

Instrument :

MSVOA_W

ClientSampleId :

A4CB3MS

Tgt Ion: 95 Resp: 54560

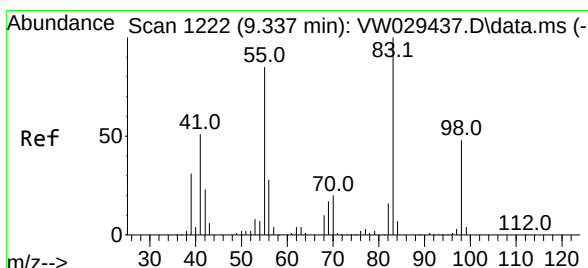
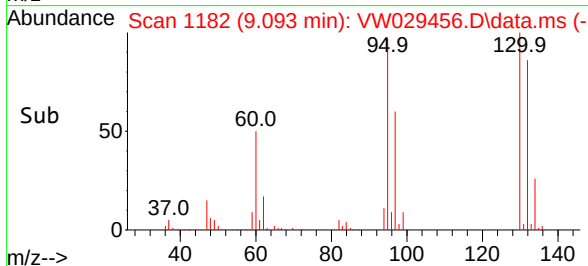
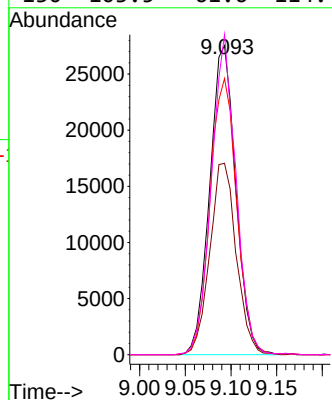
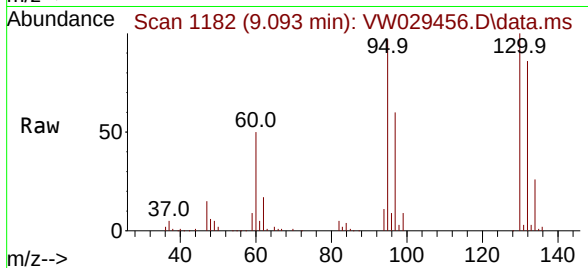
Ion Ratio Lower Upper

95 100

97 61.9 45.7 84.9

132 89.3 66.4 123.4

130 103.5 61.6 114.4



#35

Methylcyclohexane

Concen: 12.773 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029456.D

Acq: 02 Jul 2024 19:54

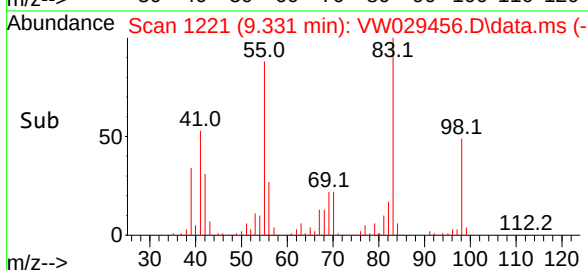
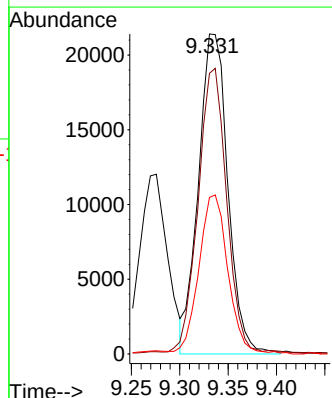
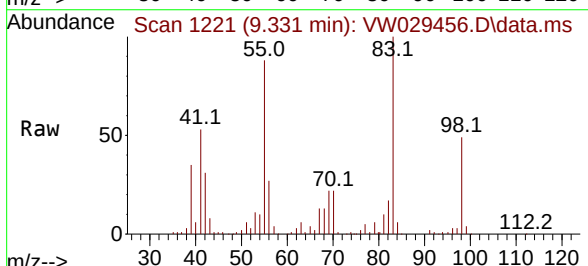
Tgt Ion: 83 Resp: 45328

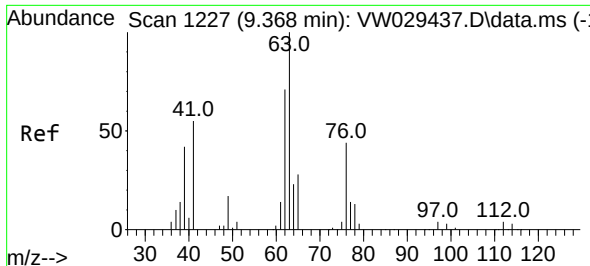
Ion Ratio Lower Upper

83 100

55 86.3 69.5 104.3

98 48.8 38.0 57.0





#37

1,2-Dichloropropane

Concen: 30.963 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029456.D

Acq: 02 Jul 2024 19:54

Instrument :

MSVOA_W

ClientSampleId :

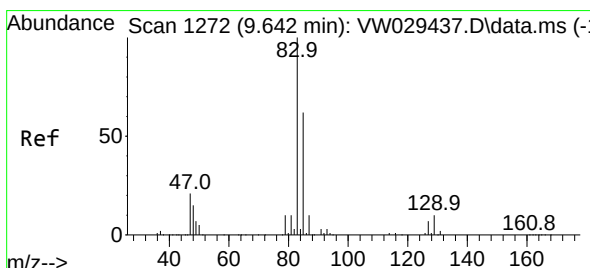
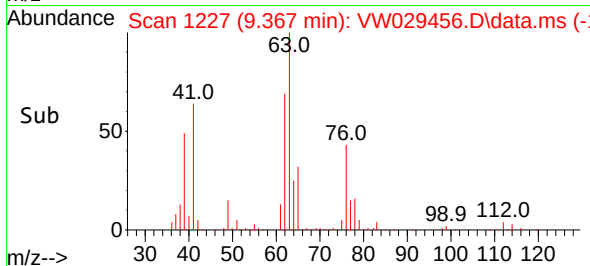
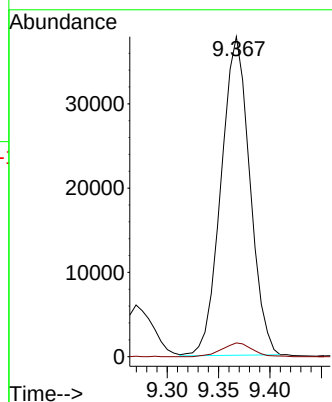
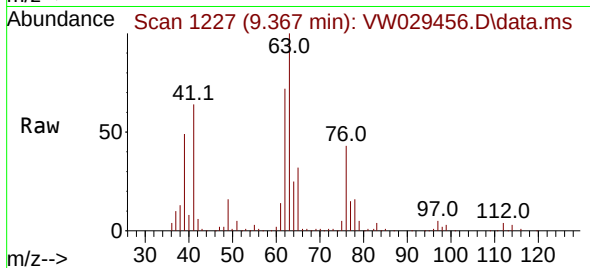
A4CB3MS

Tgt Ion: 63 Resp: 73589

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 29.159 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029456.D

Acq: 02 Jul 2024 19:54

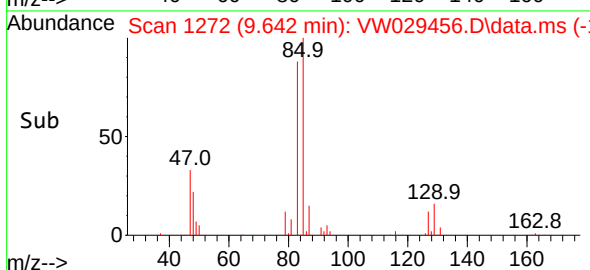
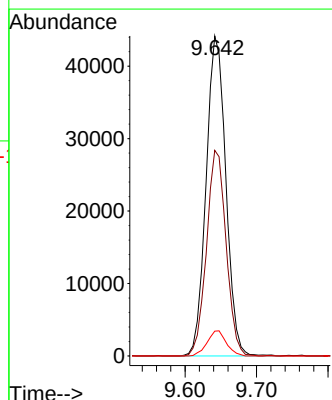
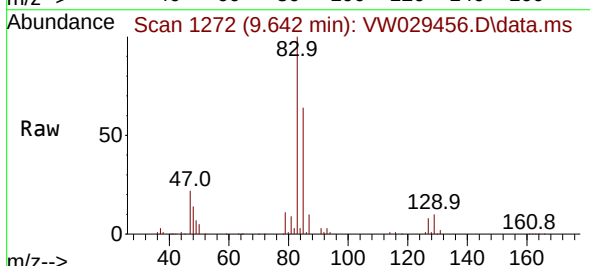
Tgt Ion: 83 Resp: 84731

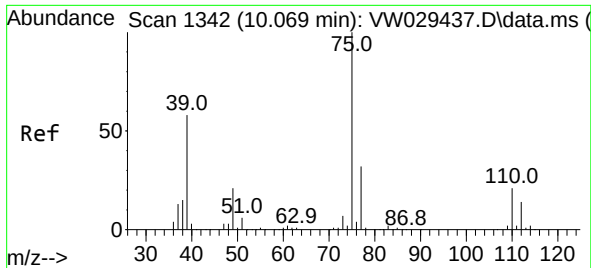
Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.9

127 7.8 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 16.278 ug/L

RT: 10.074 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW029456.D

Acq: 02 Jul 2024 19:54

Instrument :

MSVOA_W

ClientSampleId :

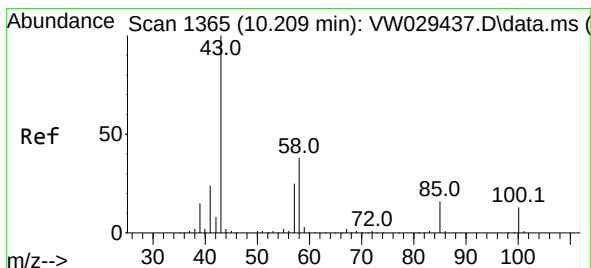
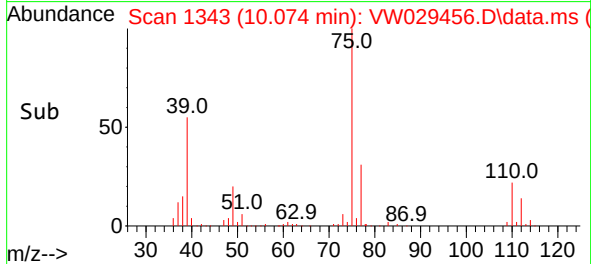
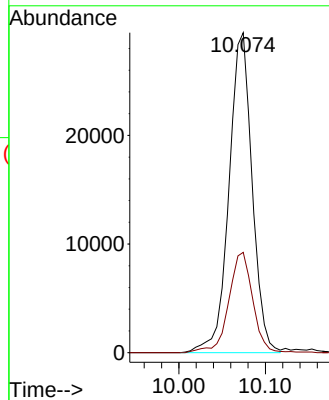
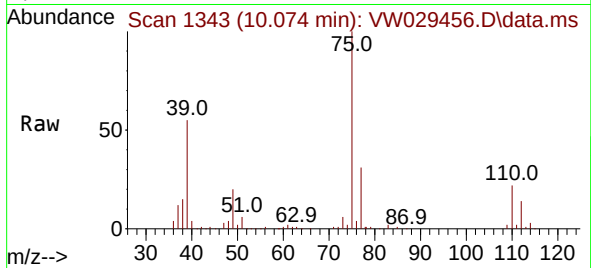
A4CB3MS

Tgt Ion: 75 Resp: 54686

Ion Ratio Lower Upper

75 100

77 31.4 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 71.887 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029456.D

Acq: 02 Jul 2024 19:54

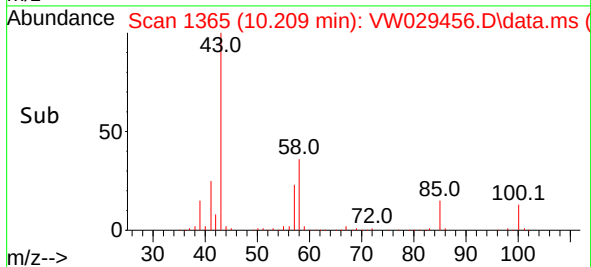
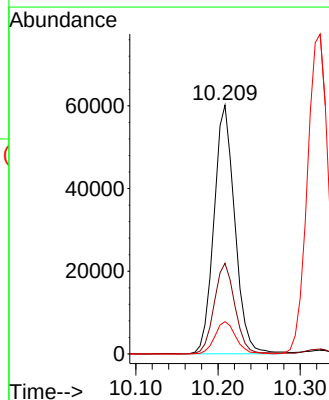
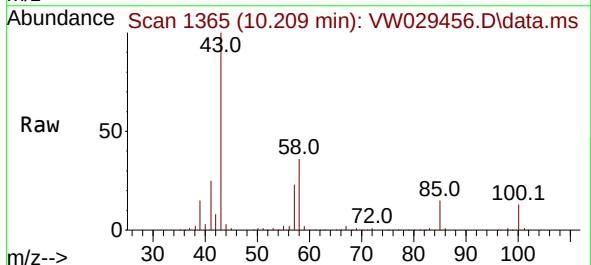
Tgt Ion: 43 Resp: 105894

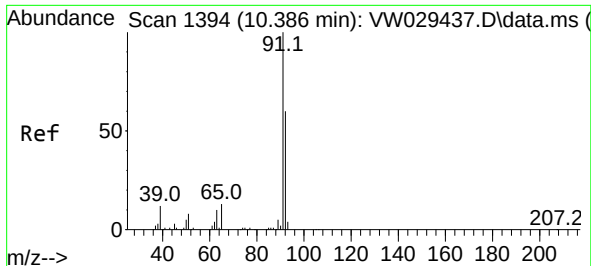
Ion Ratio Lower Upper

43 100

58 36.7 28.2 42.4

100 13.2 11.0 16.4

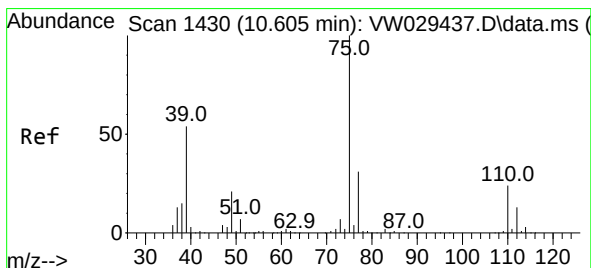
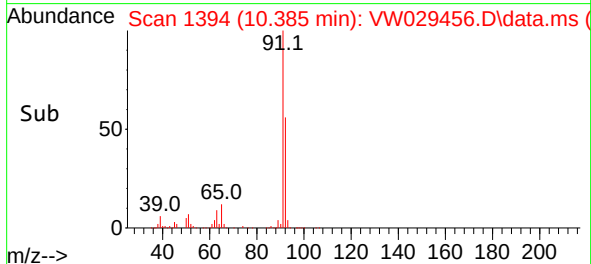
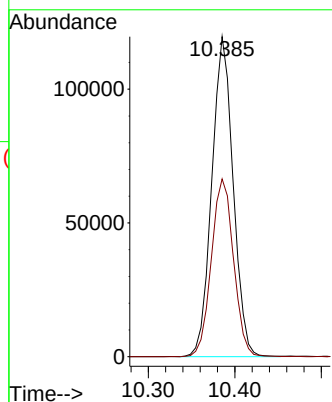
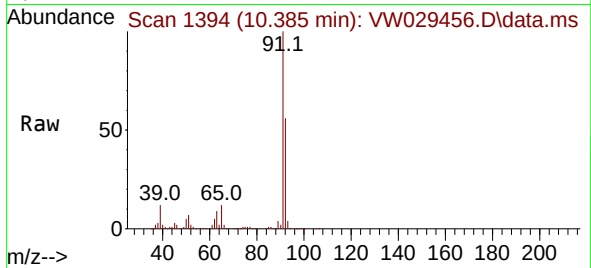




#42
Toluene
Concen: 23.561 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

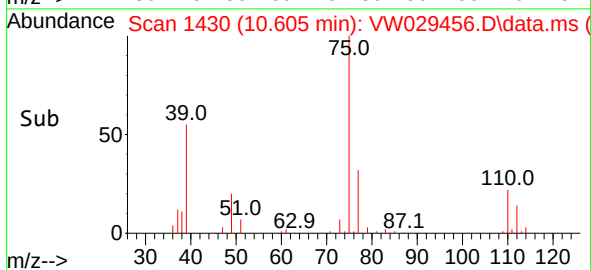
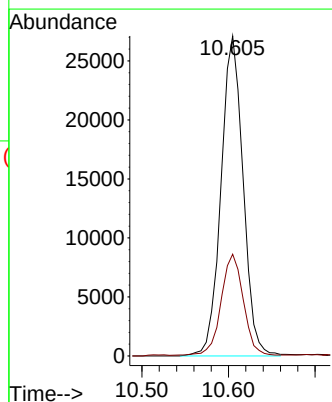
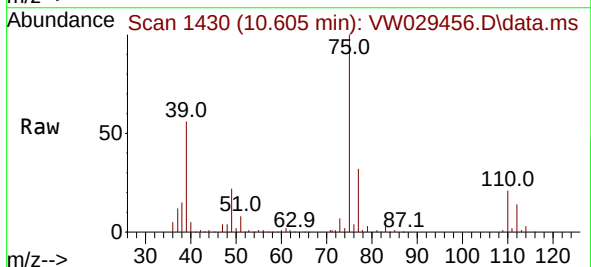
Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

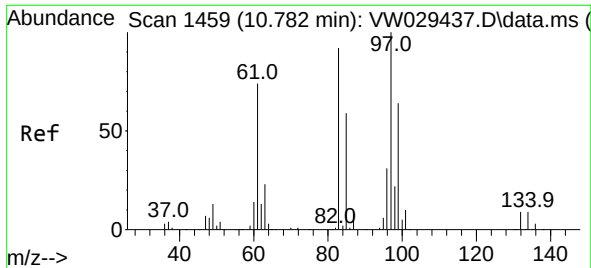
Tgt Ion: 91 Resp: 204868
Ion Ratio Lower Upper
91 100
92 55.6 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 16.937 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion: 75 Resp: 48046
Ion Ratio Lower Upper
75 100
77 31.8 22.7 42.1

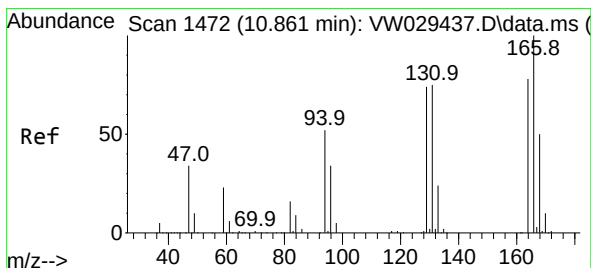
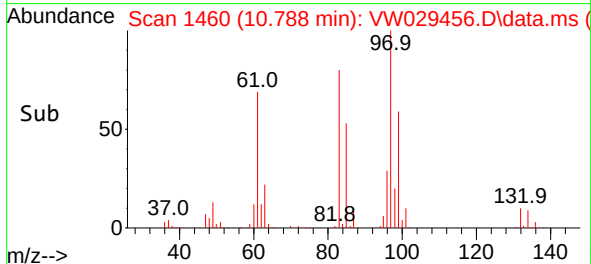
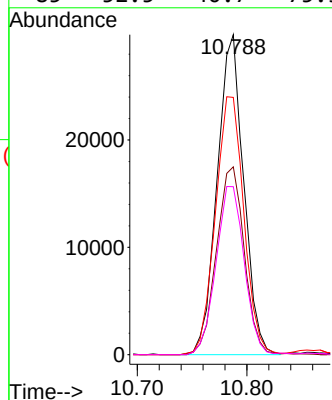
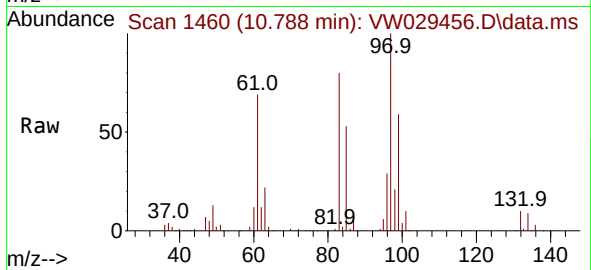




#45
1,1,2-Trichloroethane
Concen: 30.267 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

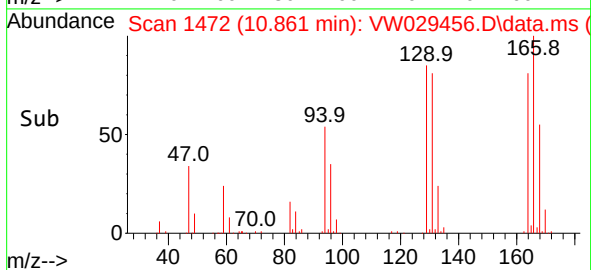
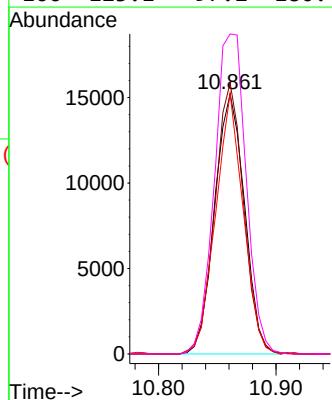
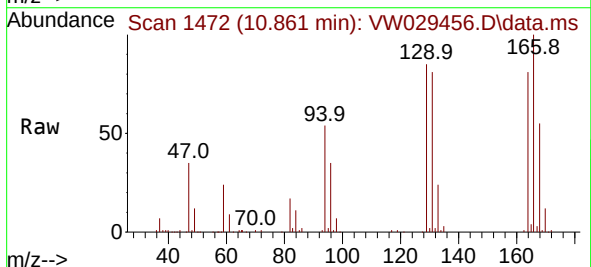
Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

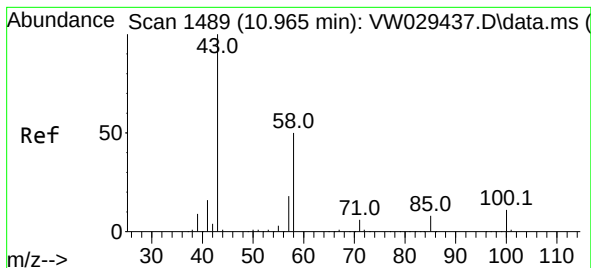
Tgt Ion: 97	Resp: 50099
Ion Ratio	Lower Upper
97	100
99	58.7 42.3 78.5
83	80.4 57.7 107.1
85	52.5 40.7 75.5



#46
Tetrachloroethene
Concen: 16.987 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion: 164	Resp: 26796
Ion Ratio	Lower Upper
164	100
129	104.2 68.5 127.3
131	100.2 71.8 133.4
166	123.1 97.2 180.4

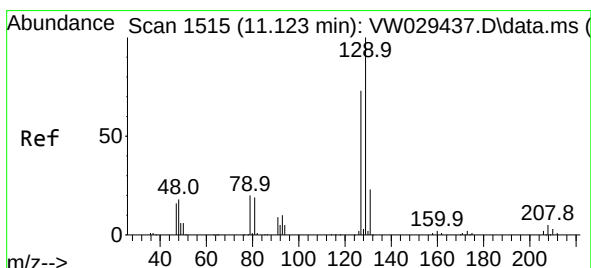
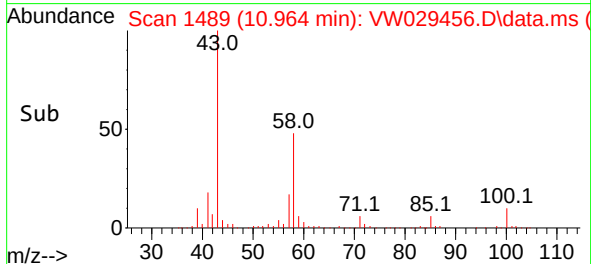
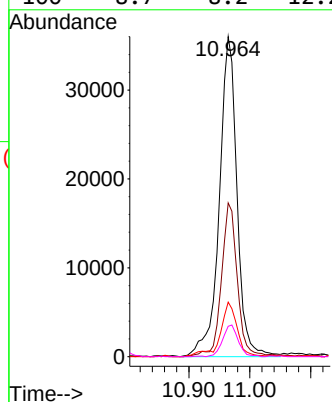
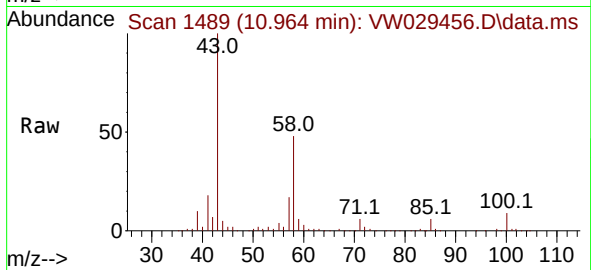




#48
2-Hexanone
Concen: 69.598 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

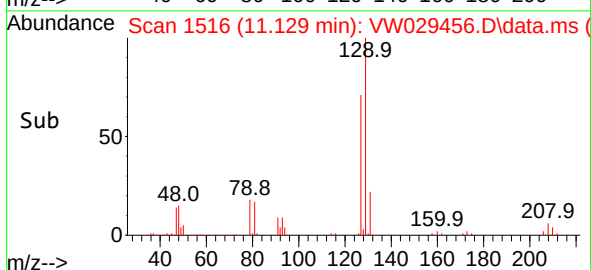
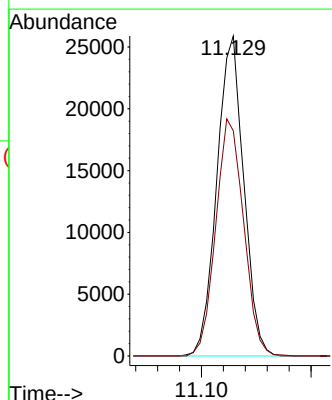
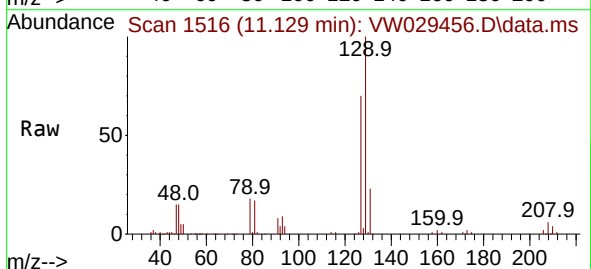
Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

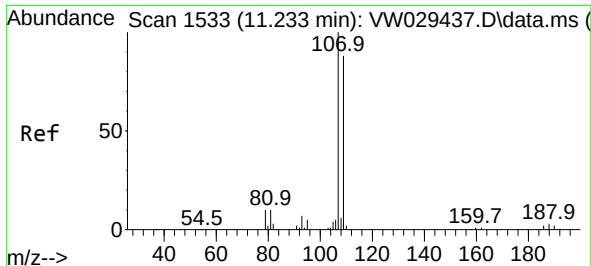
Tgt Ion:	43	Resp:	72747
Ion	Ratio	Lower	Upper
43	100		
58	41.8	39.6	59.4
57	14.5	14.6	21.8#
100	8.7	8.2	12.2



#49
Dibromochloromethane
Concen: 25.507 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion:	129	Resp:	44134
Ion	Ratio	Lower	Upper
129	100		
127	70.3	54.8	101.8





#50

1,2-Dibromoethane

Concen: 24.920 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029456.D

Acq: 02 Jul 2024 19:54

Instrument :

MSVOA_W

ClientSampleId :

A4CB3MS

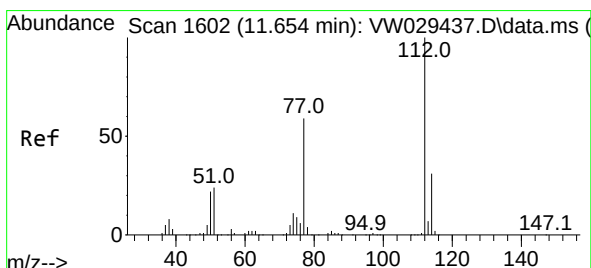
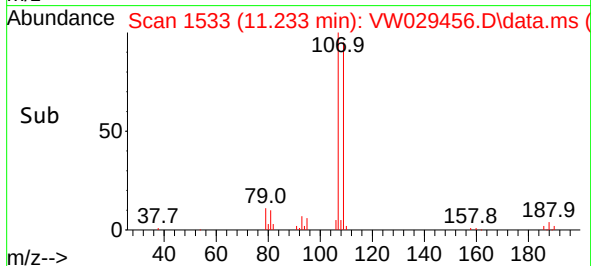
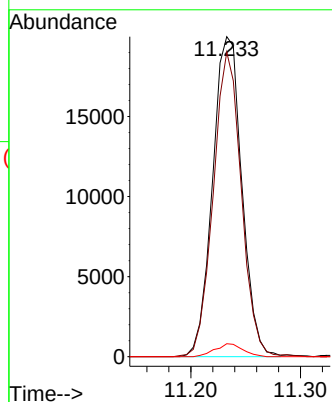
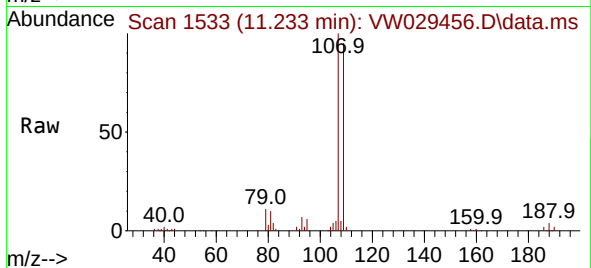
Tgt Ion:107 Resp: 37028

Ion Ratio Lower Upper

107 100

109 95.2 65.5 121.6

188 4.0 2.6 4.0#



#51

Chlorobenzene

Concen: 16.929 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029456.D

Acq: 02 Jul 2024 19:54

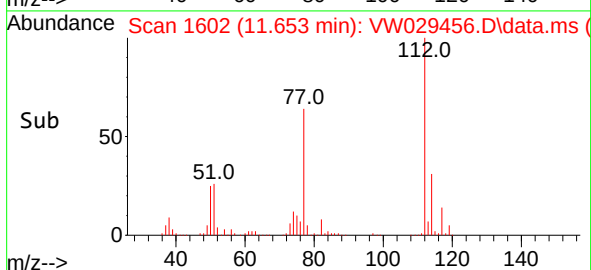
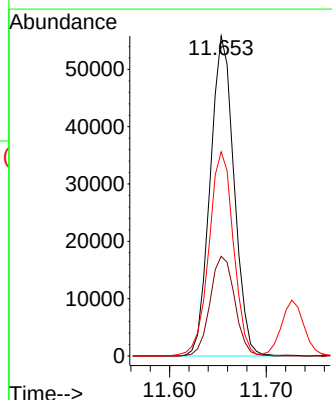
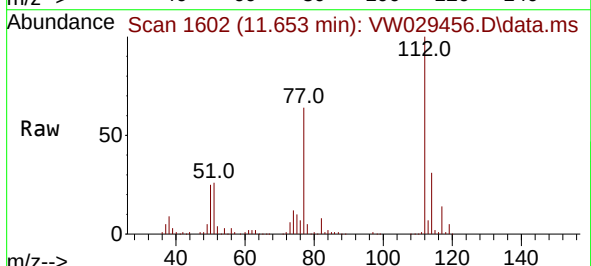
Tgt Ion:112 Resp: 95586

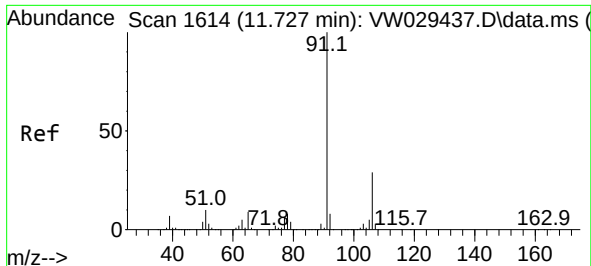
Ion Ratio Lower Upper

112 100

114 31.2 22.6 42.0

77 63.8 51.0 76.6

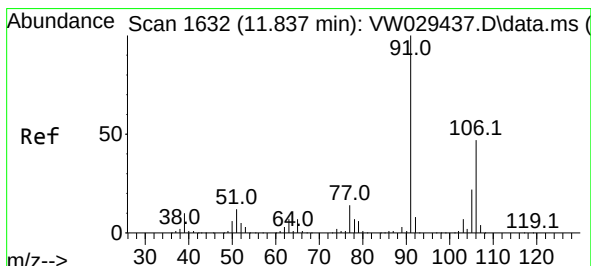
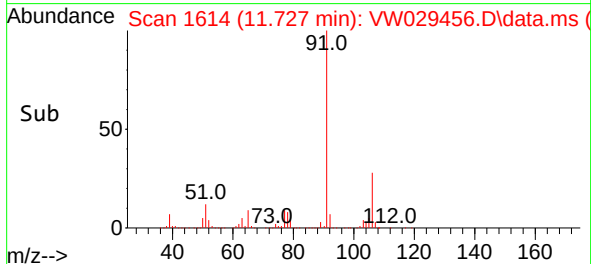
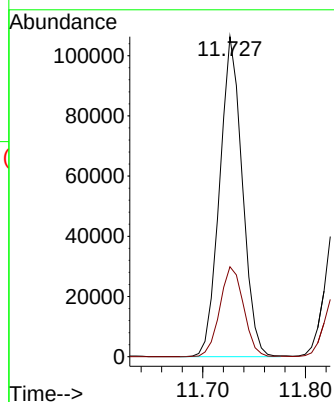
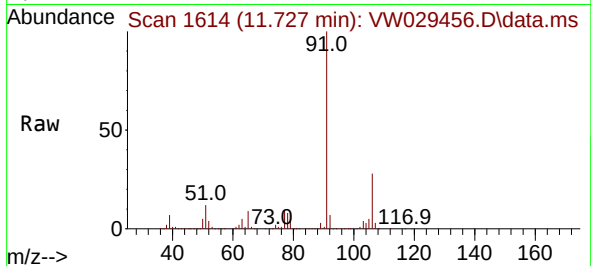




#52
Ethylbenzene
Concen: 16.505 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

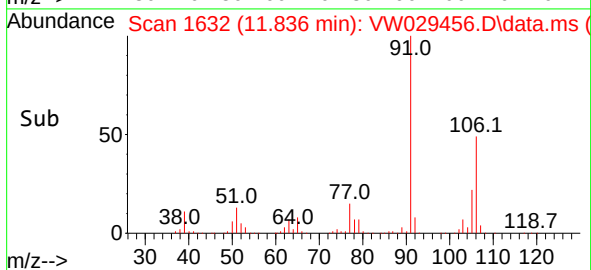
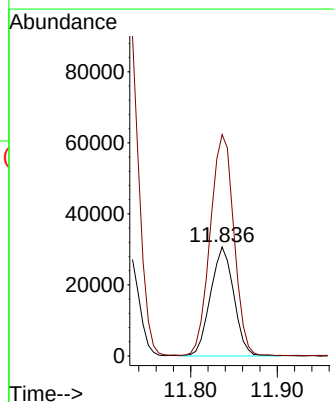
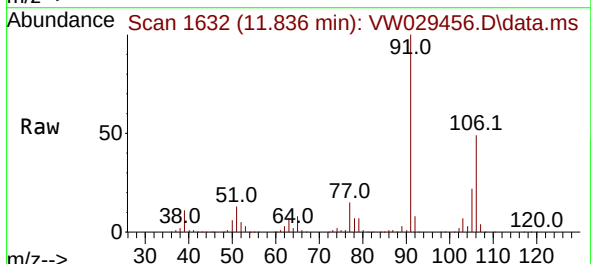
Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

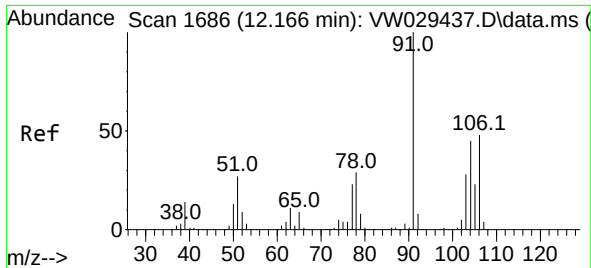
Tgt Ion: 91 Resp: 162908
Ion Ratio Lower Upper
91 100
106 28.1 19.9 37.0



#53
m,p-Xylene
Concen: 15.904 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion: 106 Resp: 57338
Ion Ratio Lower Upper
106 100
91 203.0 140.5 260.9

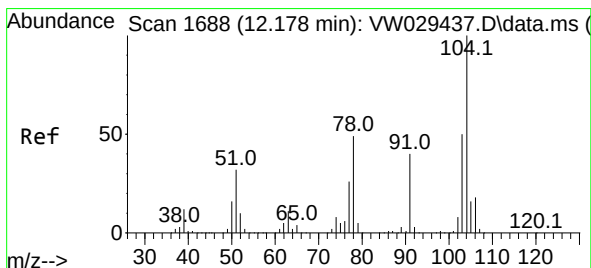
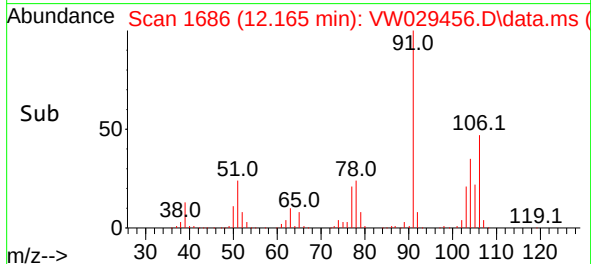
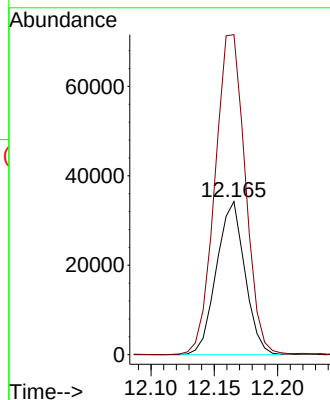
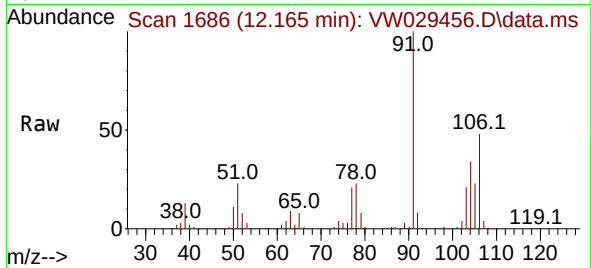




#54
o-Xylene
Concen: 15.884 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

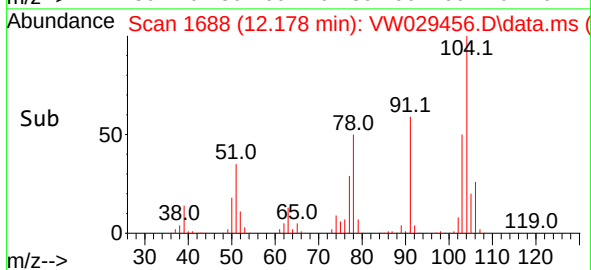
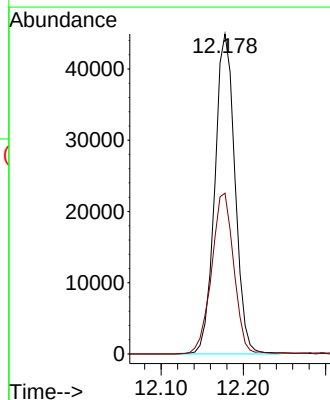
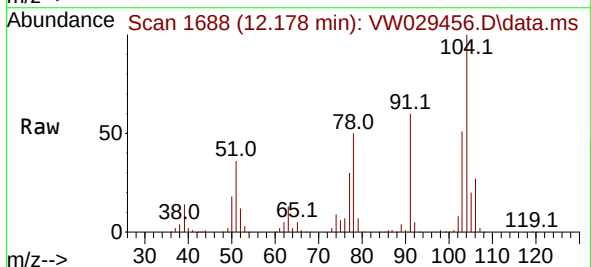
Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

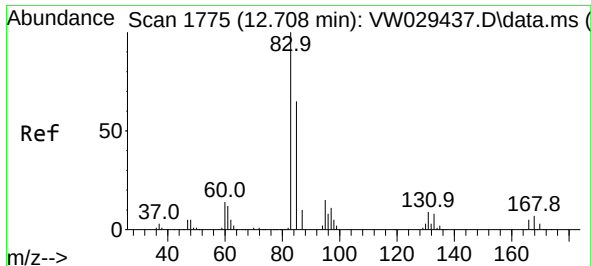
Tgt Ion:106 Resp: 53520
Ion Ratio Lower Upper
106 100
91 208.9 149.9 278.5



#55
Styrene
Concen: 13.023 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion:104 Resp: 76508
Ion Ratio Lower Upper
104 100
78 50.2 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 22.241 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029456.D

Acq: 02 Jul 2024 19:54

Instrument :

MSVOA_W

ClientSampleId :

A4CB3MS

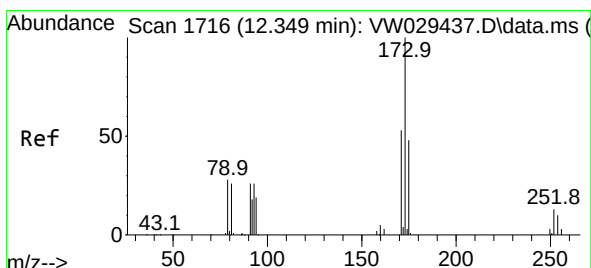
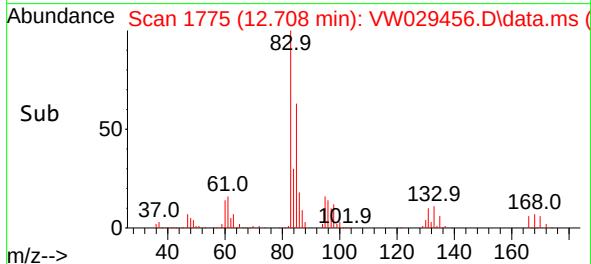
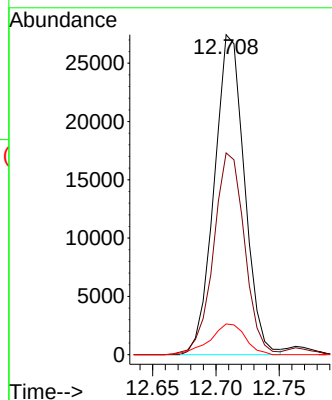
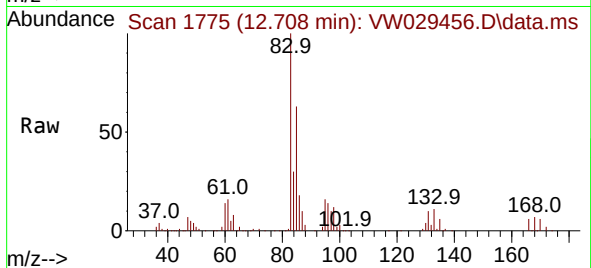
Tgt Ion: 83 Resp: 45539

Ion Ratio Lower Upper

83 100

85 63.1 45.8 85.0

131 9.6 7.8 11.6



#59

Bromoform

Concen: 50.229 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029456.D

Acq: 02 Jul 2024 19:54

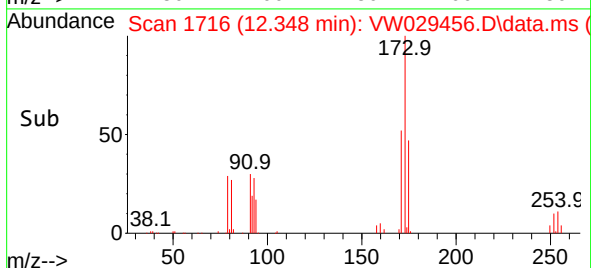
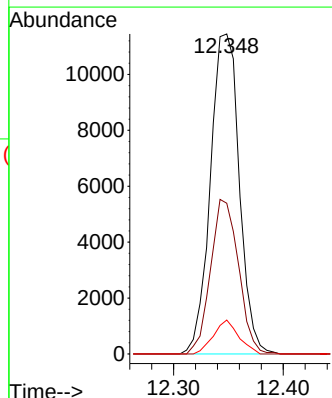
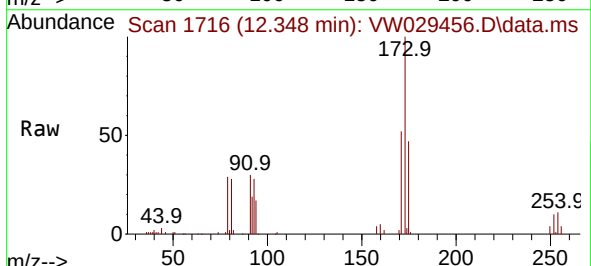
Tgt Ion:173 Resp: 20994

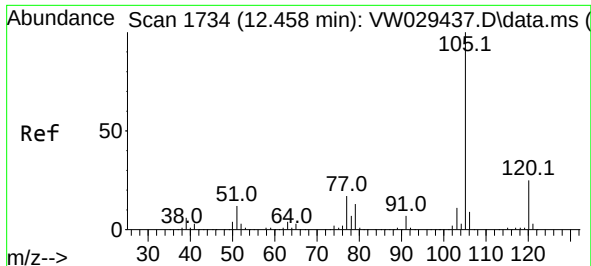
Ion Ratio Lower Upper

173 100

175 46.6 37.8 56.8

254 9.3 7.8 11.6

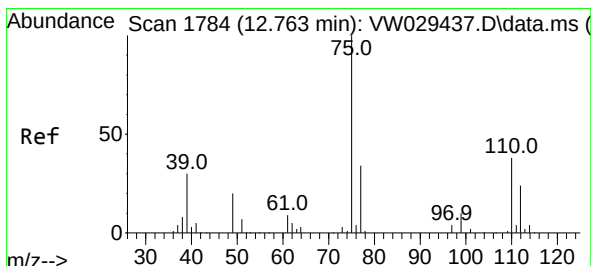
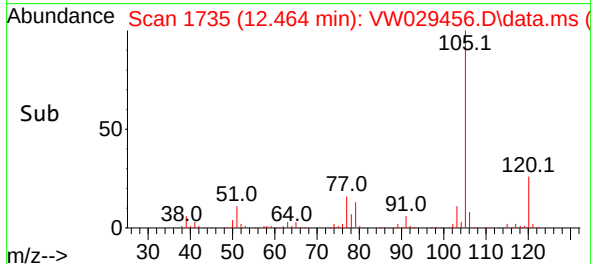
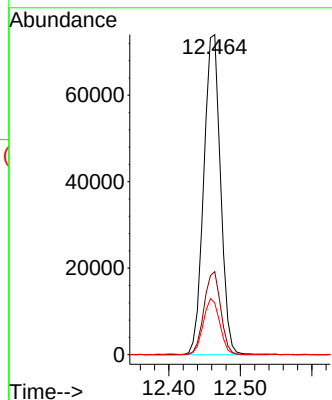
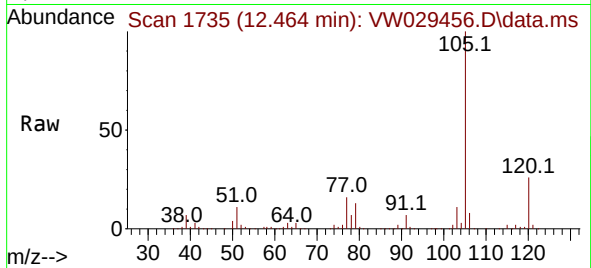




#60
Isopropylbenzene
Concen: 29.662 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

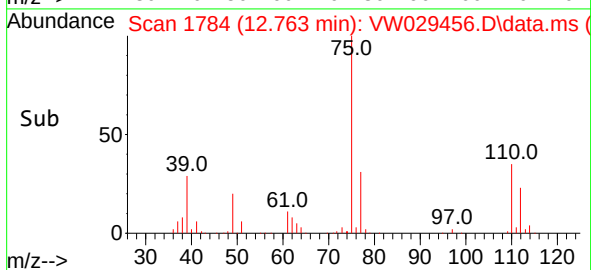
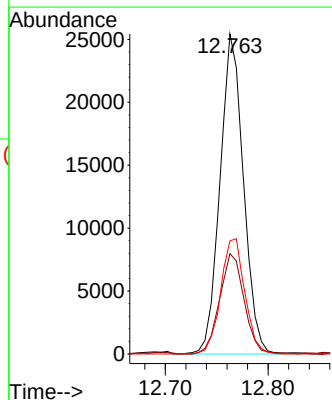
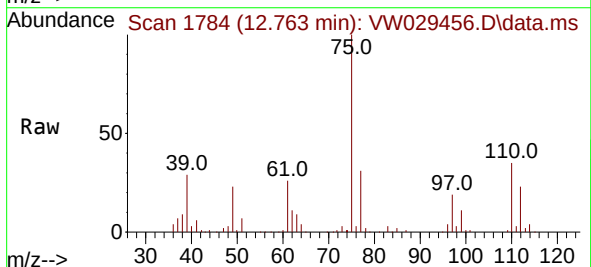
Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

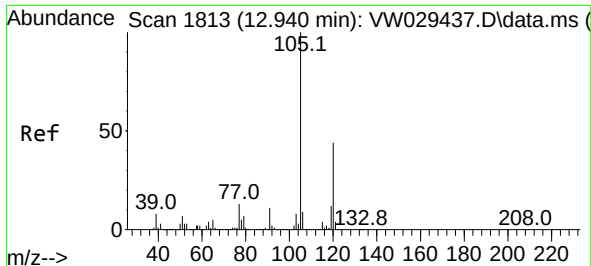
Tgt Ion:105 Resp: 120531
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 17.3 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 60.427 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion: 75 Resp: 40194
Ion Ratio Lower Upper
75 100
77 32.8 26.6 39.8
110 37.1 29.5 44.3

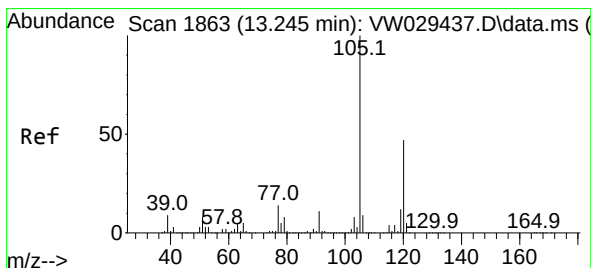
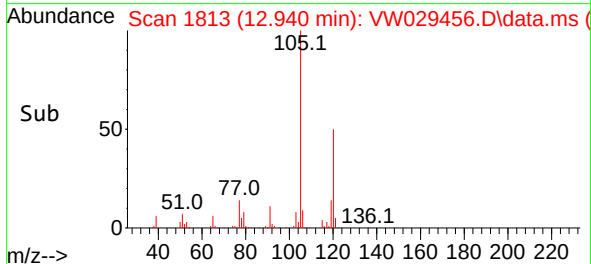
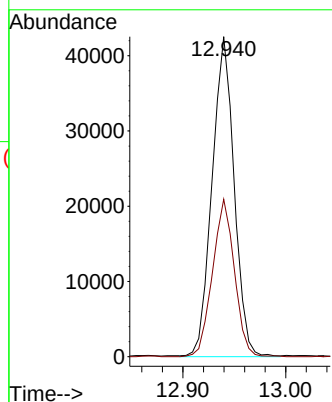
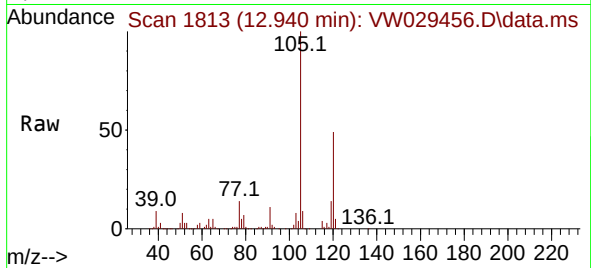




#62
1,3,5-Trimethylbenzene
Concen: 21.531 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

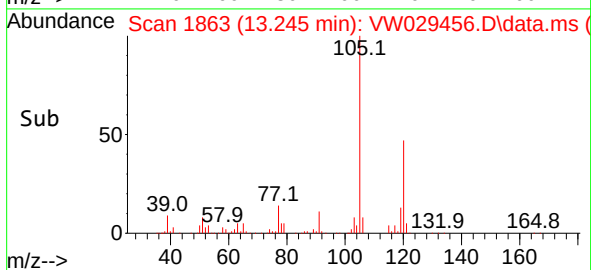
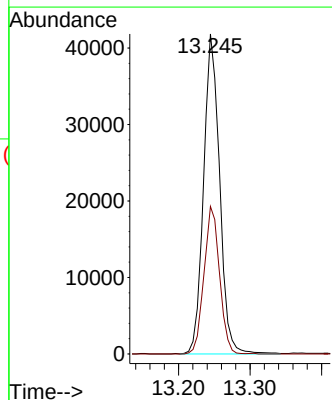
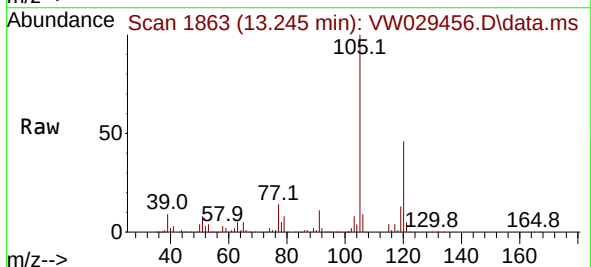
Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

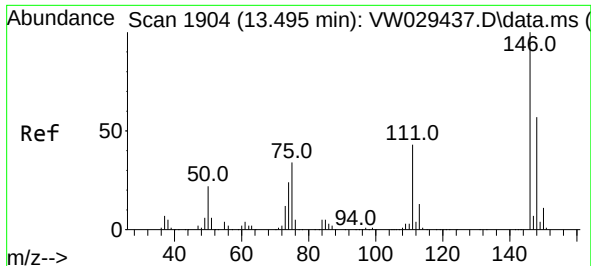
Tgt Ion:105 Resp: 63363
Ion Ratio Lower Upper
105 100
120 48.7 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 20.602 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion:105 Resp: 65232
Ion Ratio Lower Upper
105 100
120 44.6 34.9 52.3

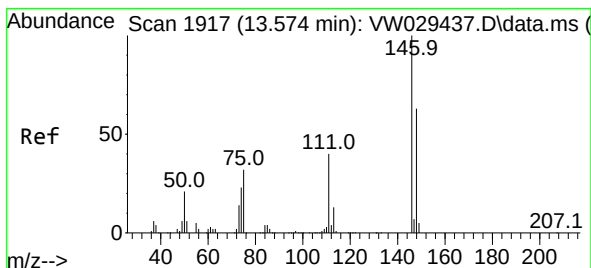
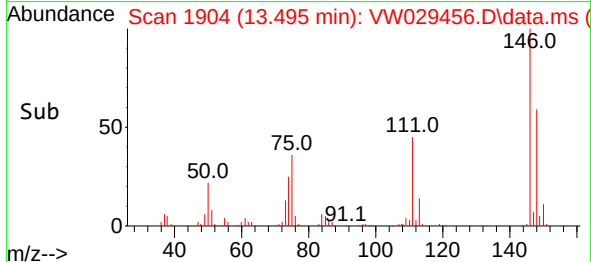
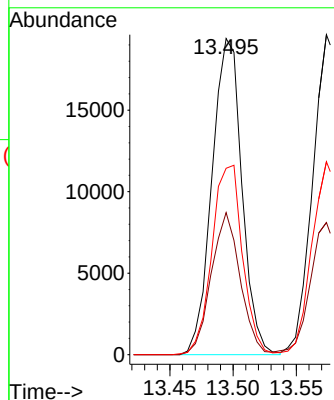
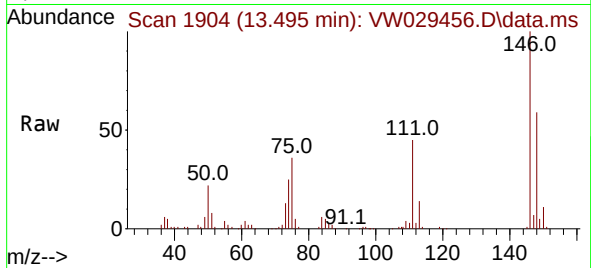




#64
1,3-Dichlorobenzene
Concen: 18.143 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

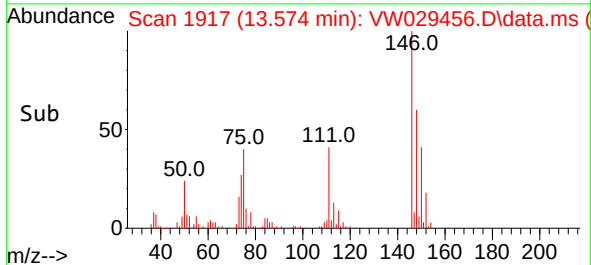
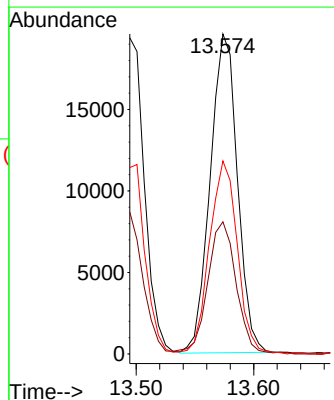
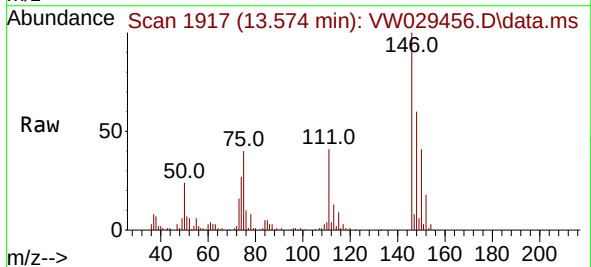
Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

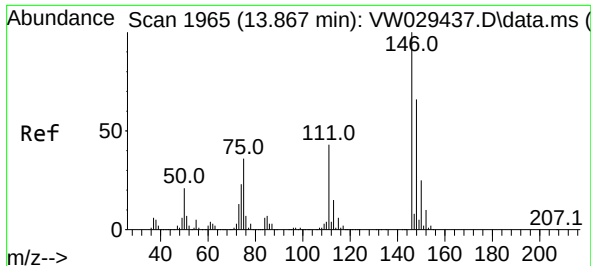
Tgt Ion:146 Resp: 31904
Ion Ratio Lower Upper
146 100
111 44.9 33.0 61.2
148 58.9 47.5 88.1



#65
1,4-Dichlorobenzene
Concen: 16.859 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion:146 Resp: 31542
Ion Ratio Lower Upper
146 100
111 41.3 28.9 53.7
148 60.3 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 17.242 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029456.D

Acq: 02 Jul 2024 19:54

Instrument :

MSVOA_W

ClientSampleId :

A4CB3MS

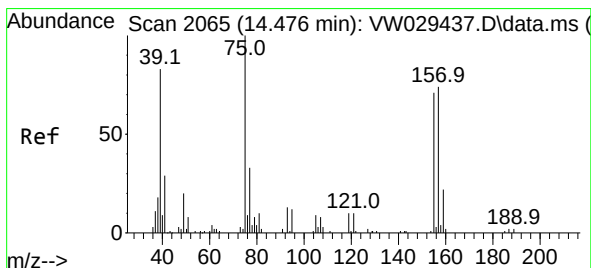
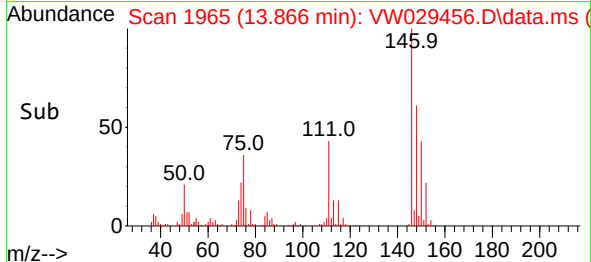
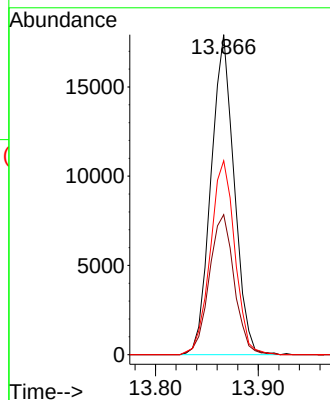
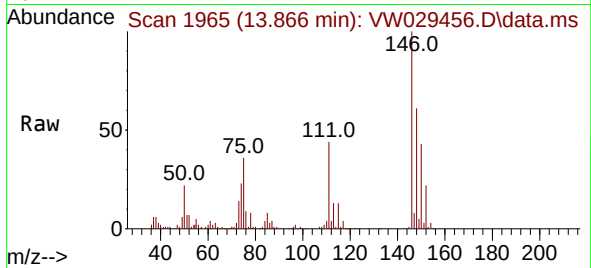
Tgt Ion:146 Resp: 28030

Ion Ratio Lower Upper

146 100

111 43.8 34.2 51.4

148 60.6 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 37.951 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029456.D

Acq: 02 Jul 2024 19:54

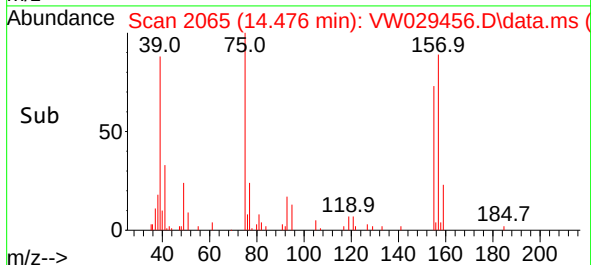
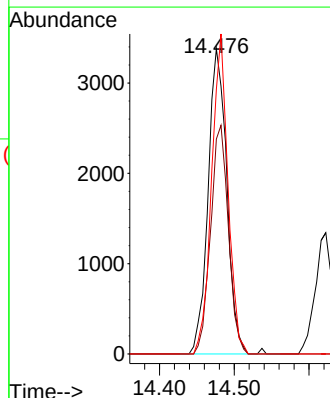
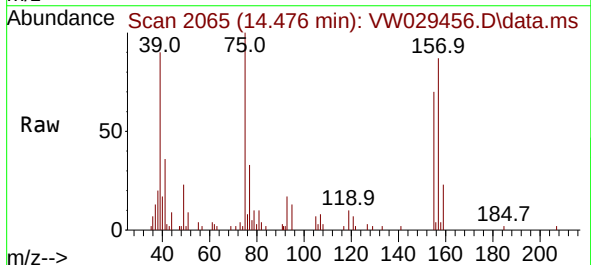
Tgt Ion: 75 Resp: 5891

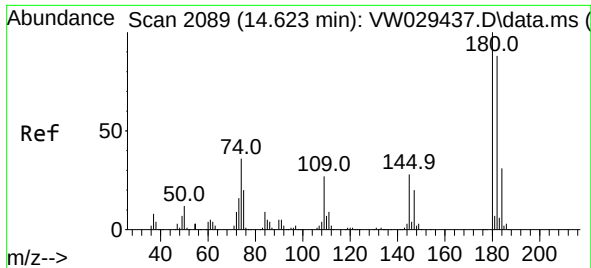
Ion Ratio Lower Upper

75 100

155 70.4 51.0 76.6

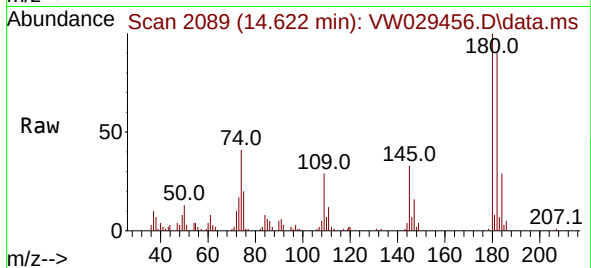
157 86.7 58.8 88.2



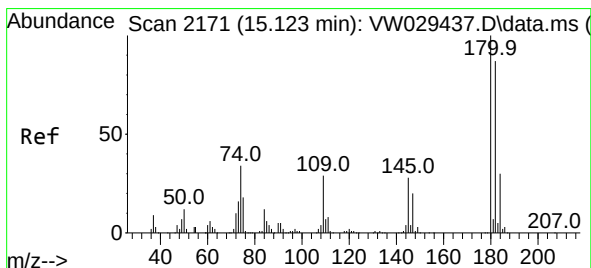
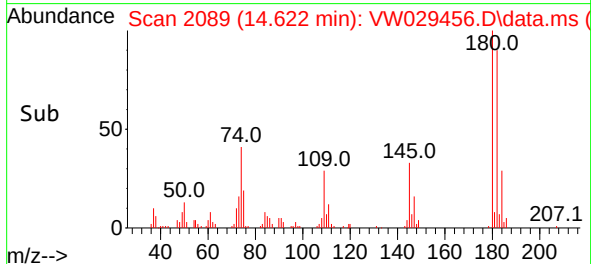
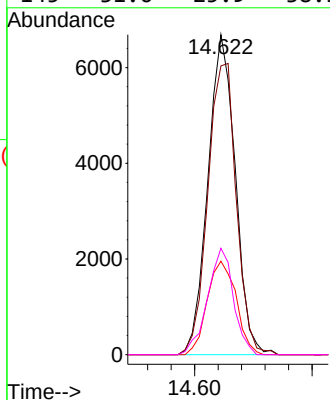


#69
1,3,5-Trichlorobenzene
Concen: 9.113 ug/L
RT: 14.622 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

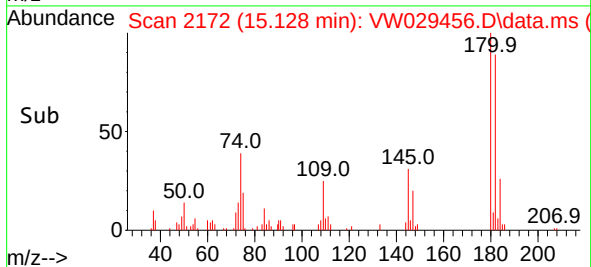
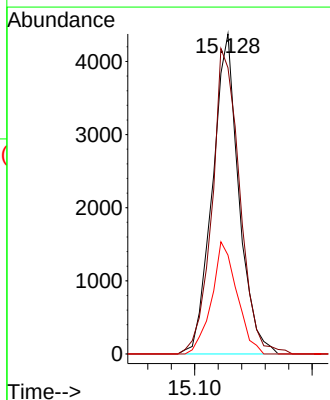
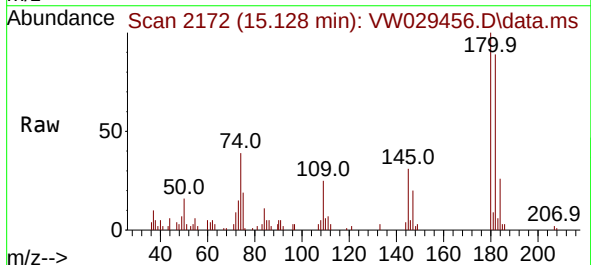


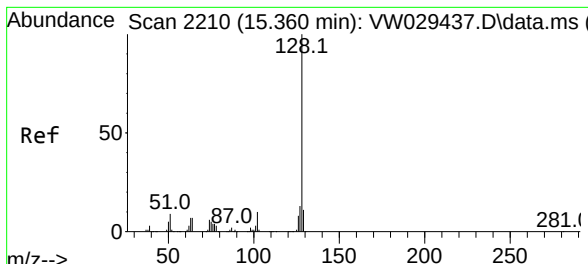
Tgt Ion:180 Resp: 10815
Ion Ratio Lower Upper
180 100
182 94.4 72.9 109.3
184 30.8 23.8 35.6
145 31.6 25.9 38.9



#70
1,2,4-trichlorobenzene
Concen: 7.112 ug/L
RT: 15.128 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion:180 Resp: 6842
Ion Ratio Lower Upper
180 100
182 99.6 77.7 116.5
145 33.6 25.7 38.5

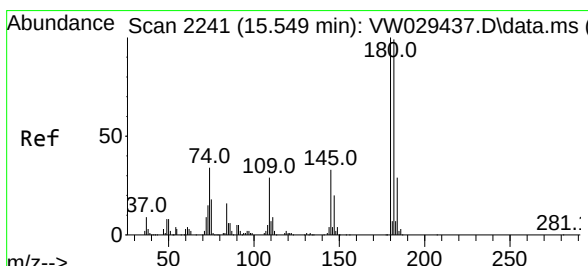
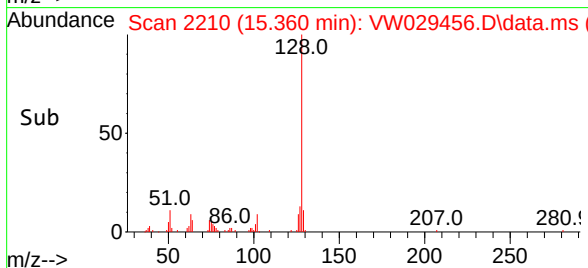
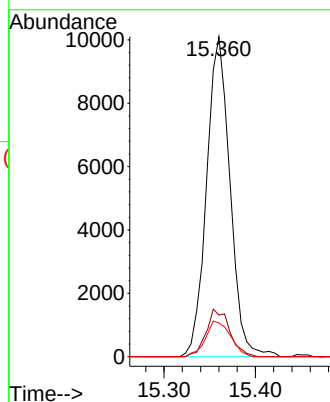
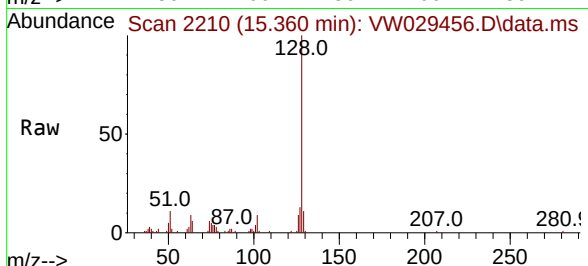




#71
Naphthalene
Concen: 9.476 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Instrument :
MSVOA_W
ClientSampleId :
A4CB3MS

Tgt Ion:	128	Resp:	17993
Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.3	15.5
129	11.9	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 6.032 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029456.D
Acq: 02 Jul 2024 19:54

Tgt Ion:	180	Resp:	5288
Ion	Ratio	Lower	Upper
180	100		
182	99.8	73.0	109.6
145	34.2	28.1	42.1

