

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
 Data File : VW029406.D
 Acq On : 28 Jun 2024 18:22
 Operator : SY/MD
 Sample : P3102-04MSD
 Misc : 4.86g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CE1MSD

Quant Time: Jun 29 02:14:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	364020	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	280105	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	99869	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	97410	19.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.320%
7) Chloroethane-d5	2.899	69	85957	20.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	4.021	65	48215	19.819	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.280%
21) 2-Butanone-d5	7.075	46	71368	47.344	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.680%
24) Chloroform-d	7.648	84	254415	23.429	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.720%
26) 1,2-Dichloroethane-d4	8.307	65	142638	22.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.520%
32) Benzene-d6	8.270	84	464020	27.273	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.080%
36) 1,2-Dichloropropane-d6	9.270	67	154433	28.555	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.200%
41) Toluene-d8	10.319	98	377085	25.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	10.575	79	53432	24.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.080%
47) 2-Hexanone-d5	10.922	63	46244	54.545	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	108336	25.169	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	82166	23.703	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	67338	18.961	ug/L	93
3) Chloromethane	2.222	50	98636	19.478	ug/L	100
5) Vinyl chloride	2.375	62	115073	19.788	ug/L	98
6) Bromomethane	2.789	94	61688	17.649	ug/L	90
8) Chloroethane	2.936	64	76977	21.641	ug/L	99
9) Trichlorofluoromethane	3.265	101	108088	23.974	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	99235	19.963	ug/L #	73
12) 1,1-Dichloroethene	4.039	96	95904	22.737	ug/L	98
13) Acetone	4.125	43	40556	31.658	ug/L	96
14) Carbon disulfide	4.393	76	248267	18.031	ug/L	100
15) Methyl Acetate	4.673	43	44195	17.378	ug/L	100
16) Methylene chloride	4.923	84	118706	18.545	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	104936	22.402	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	201798	26.927	ug/L	98
19) 1,1-Dichloroethane	6.216	63	241650	23.886	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	122104	23.639	ug/L	96
22) 2-Butanone	7.167	43	68830	39.196	ug/L	97
23) Bromochloromethane	7.514	128	53693	23.350	ug/L	95
25) Chloroform	7.679	83	233711	23.658	ug/L	99

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 Response via : Initial Calibration

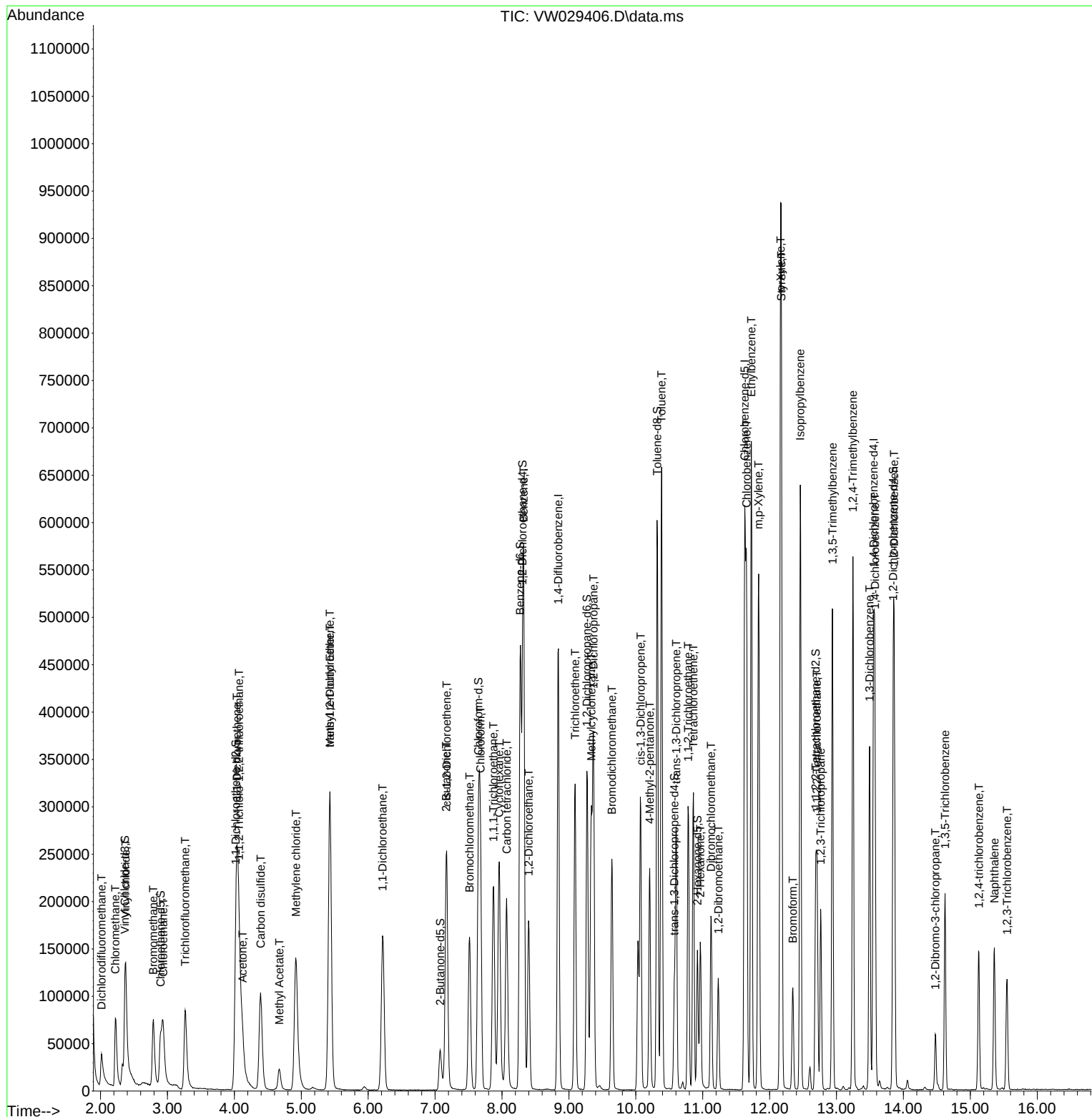
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	163616	22.456	ug/L	99
29) Cyclohexane	7.959	56	137499	21.473	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	177219	28.452	ug/L	95
31) Carbon tetrachloride	8.069	117	146995	25.834	ug/L	98
33) Benzene	8.325	78	477717	28.384	ug/L	100
34) Trichloroethene	9.093	95	112480	25.050	ug/L	93
35) Methylcyclohexane	9.337	83	110015	15.579	ug/L	97
37) 1,2-Dichloropropane	9.368	63	138905	29.372	ug/L	98
38) Bromodichloromethane	9.642	83	164236	28.404	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	172077	25.740	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	159193	54.310	ug/L	99
42) Toluene	10.386	91	464801	26.864	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	144754	25.644	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	91148	27.673	ug/L	96
46) Tetrachloroethene	10.861	164	66244	21.105	ug/L	94
48) 2-Hexanone	10.965	43	102780	49.416	ug/L	98
49) Dibromochloromethane	11.123	129	93130	27.049	ug/L	99
50) 1,2-Dibromoethane	11.233	107	77811	26.317	ug/L	95
51) Chlorobenzene	11.654	112	264792	23.567	ug/L	99
52) Ethylbenzene	11.727	91	452957	23.063	ug/L	99
53) m,p-Xylene	11.837	106	162616	22.668	ug/L	82
54) o-Xylene	12.166	106	161379	24.070	ug/L	97
55) Styrene	12.178	104	267362	22.871	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	100720	24.721	ug/L	95
59) Bromoform	12.349	173	47054	34.377	ug/L	96
60) Isopropylbenzene	12.458	105	388540	29.198	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	75739	34.770	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	256892	26.656	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	283486	27.339	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	132645	23.034	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	138571	22.616	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	124512	23.388	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	15503	30.497	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	56125	14.441	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	42721	13.560	ug/L	100
71) Naphthalene	15.360	128	122921	19.768	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	37156	12.943	ug/L	99

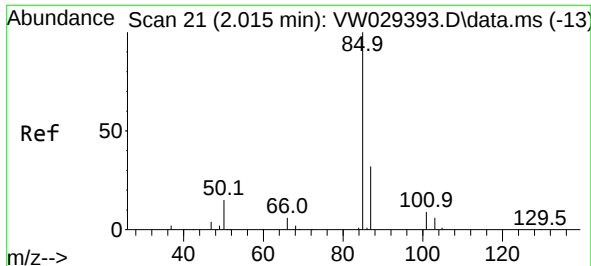
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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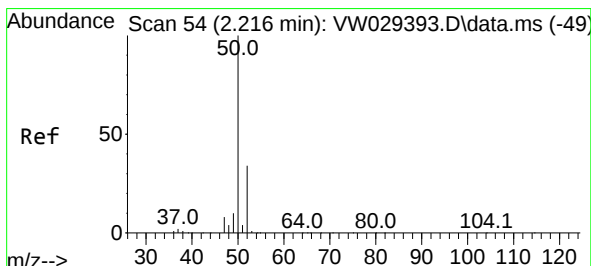
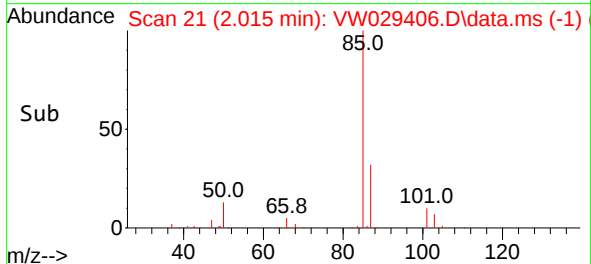
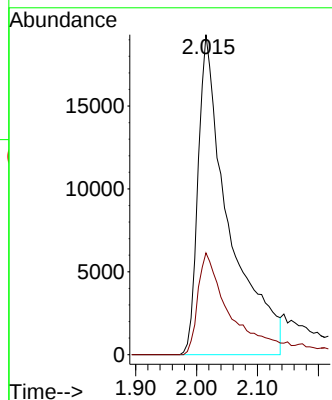
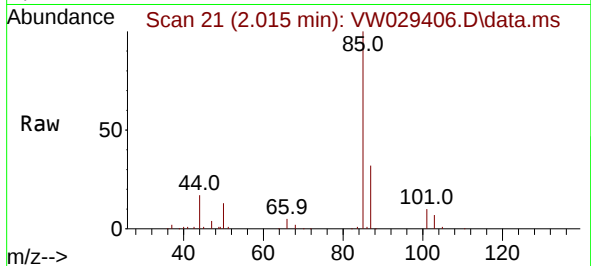




#2
Dichlorodifluoromethane
Concen: 18.961 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

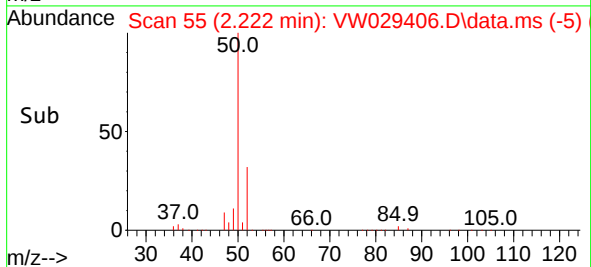
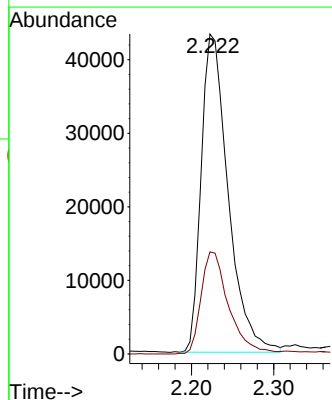
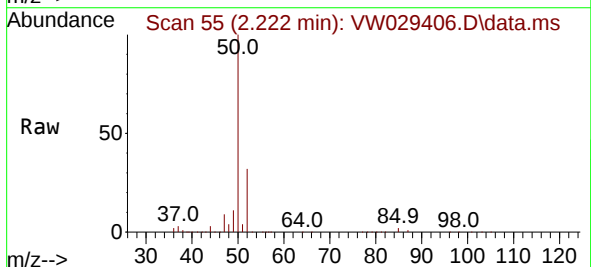
Instrument :
MSVOA_W
ClientSampleId :
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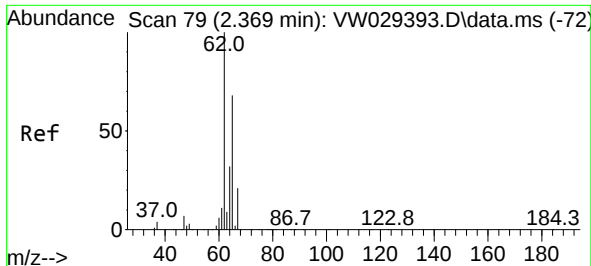
Tgt Ion: 85 Resp: 67338
Ion Ratio Lower Upper
85 100
87 33.4 23.8 35.6



#3
Chloromethane
Concen: 19.478 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.006 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

Tgt Ion: 50 Resp: 98636
Ion Ratio Lower Upper
50 100
52 31.9 22.3 41.5

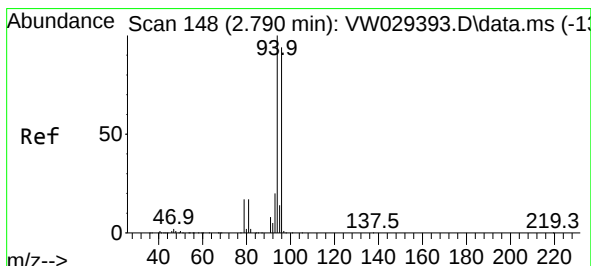
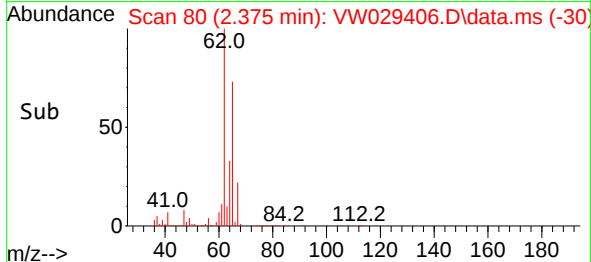
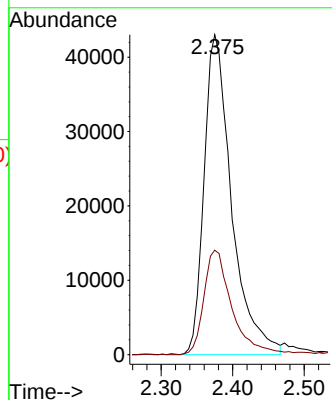
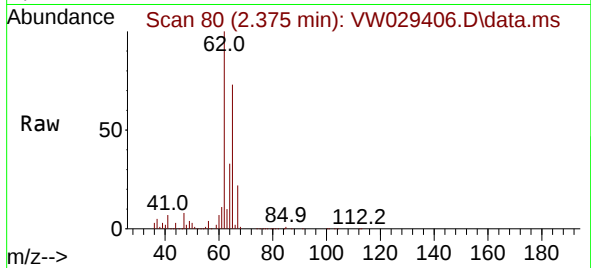




#5
 Vinyl chloride
 Concen: 19.788 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW029406.D
 Acq: 28 Jun 2024 18:22

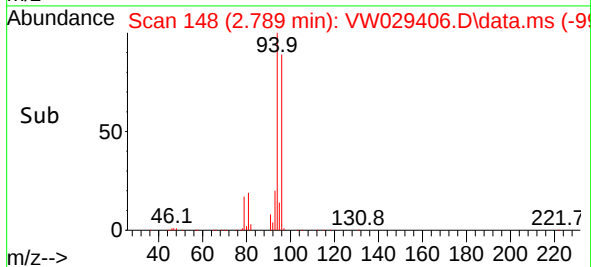
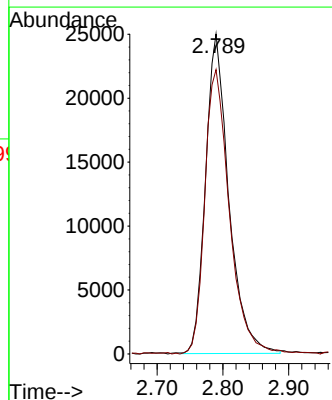
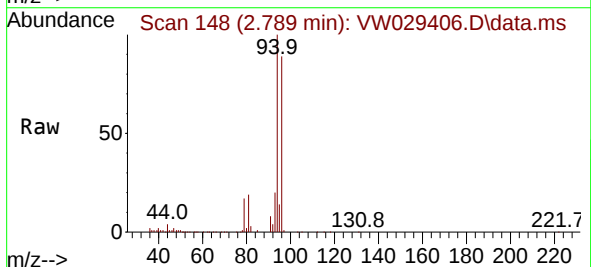
Instrument :
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 ClientSampleId :
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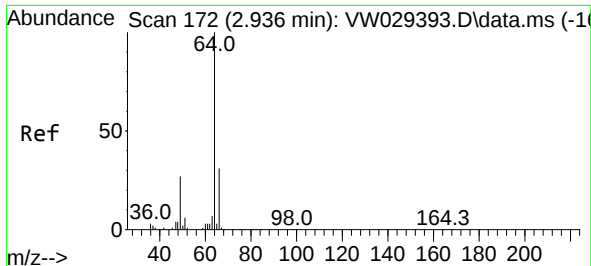
Tgt Ion: 62 Resp: 115073
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.0 40.8



#6
 Bromomethane
 Concen: 17.649 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029406.D
 Acq: 28 Jun 2024 18:22

Tgt Ion: 94 Resp: 61688
 Ion Ratio Lower Upper
 94 100
 96 88.8 69.5 129.1

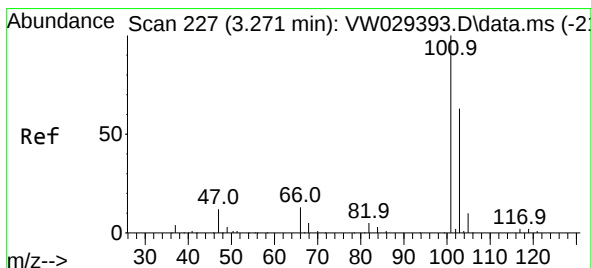
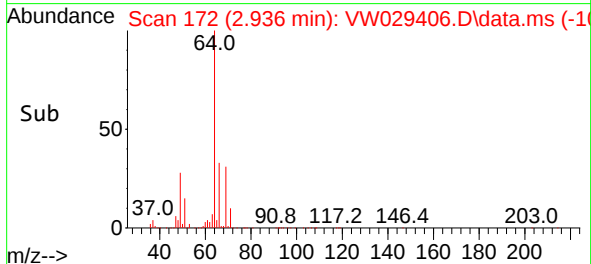
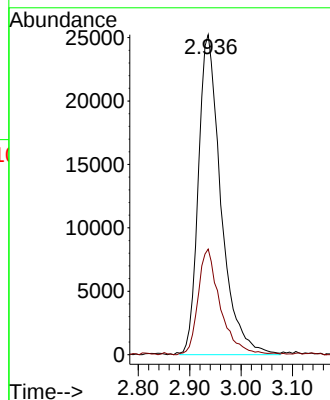
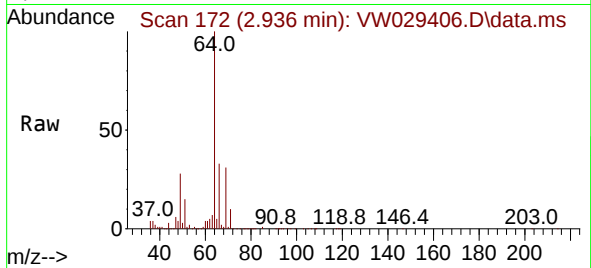




#8
Chloroethane
Concen: 21.641 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

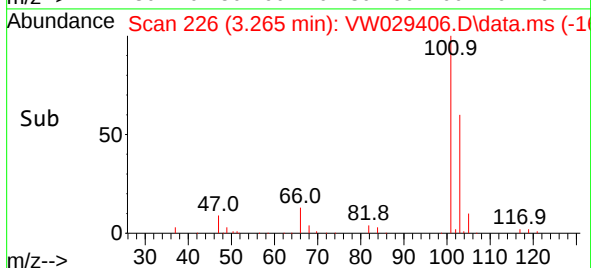
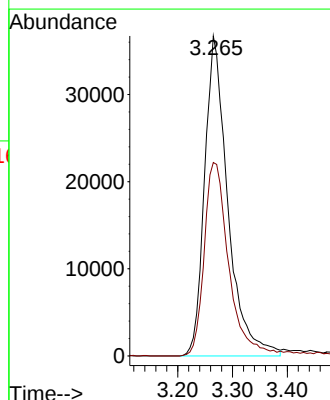
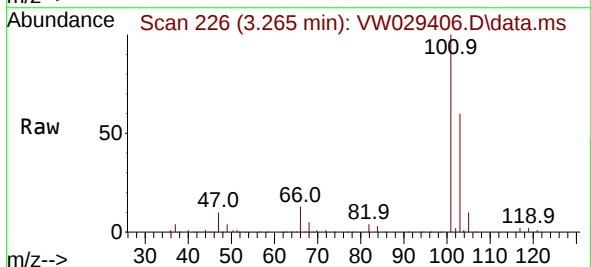
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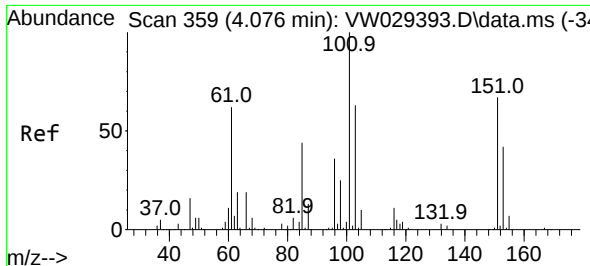
Tgt Ion: 64 Resp: 76977
Ion Ratio Lower Upper
64 100
66 33.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 23.974 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

Tgt Ion:101 Resp: 108088
Ion Ratio Lower Upper
101 100
103 63.2 50.8 76.2

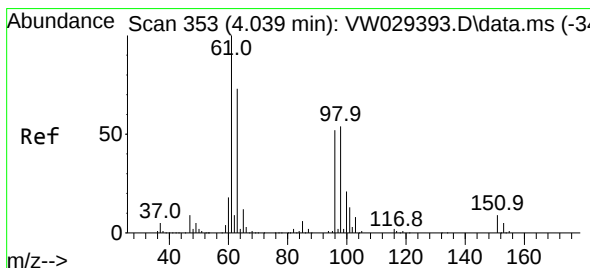
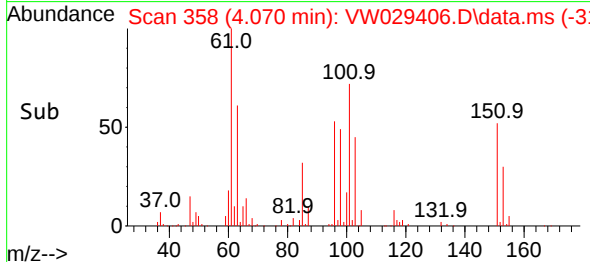
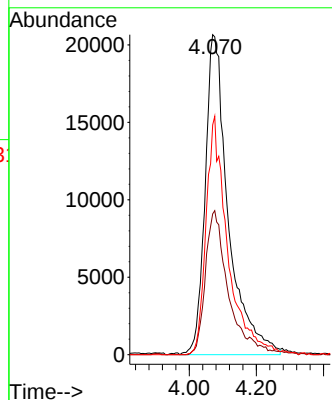
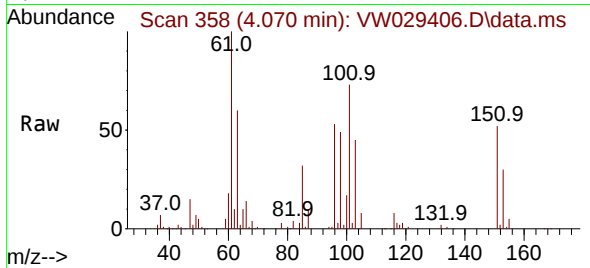




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.963 ug/L
 RT: 4.070 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW029406.D
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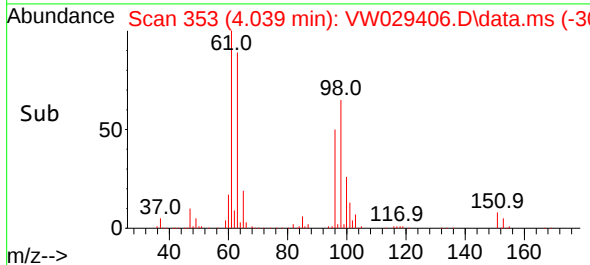
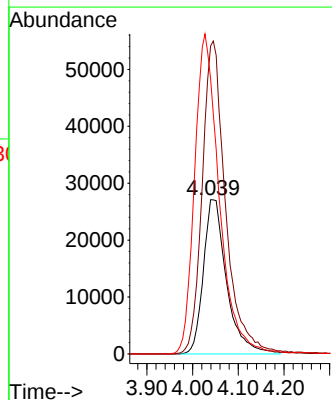
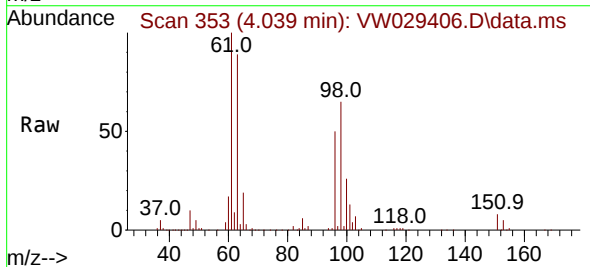
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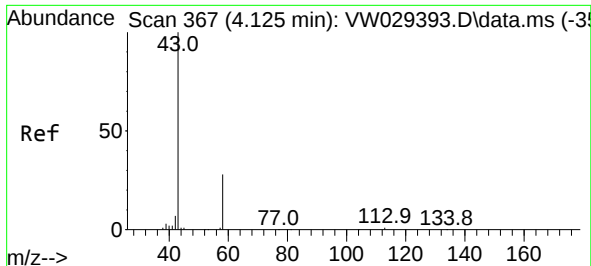
Tgt Ion:101 Resp: 99235
 Ion Ratio Lower Upper
 101 100
 85 41.7 30.2 45.2
 151 34.3 52.2 78.4#



#12
 1,1-Dichloroethene
 Concen: 22.737 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW029406.D
 Acq: 28 Jun 2024 18:22

Tgt Ion: 96 Resp: 95904
 Ion Ratio Lower Upper
 96 100
 61 199.8 140.1 260.3
 63 178.4 122.0 226.6

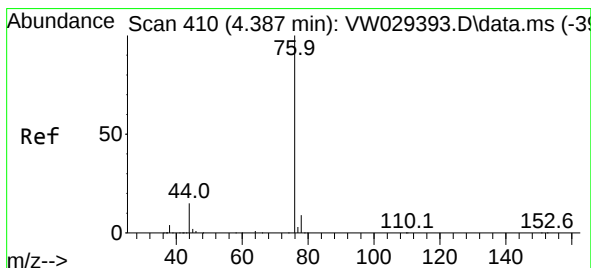
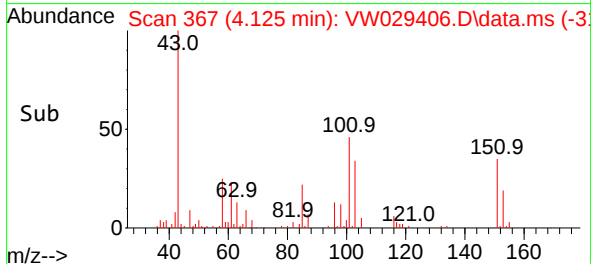
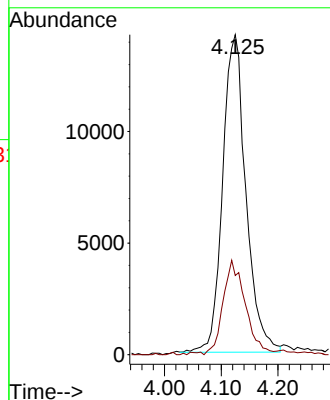
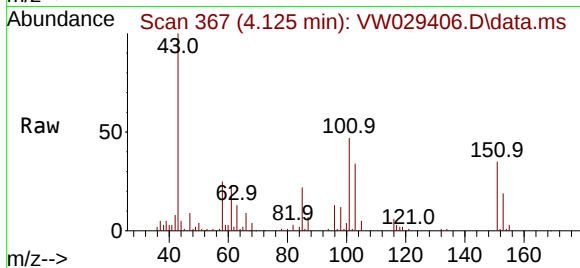




#13
Acetone
Concen: 31.658 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.000 min
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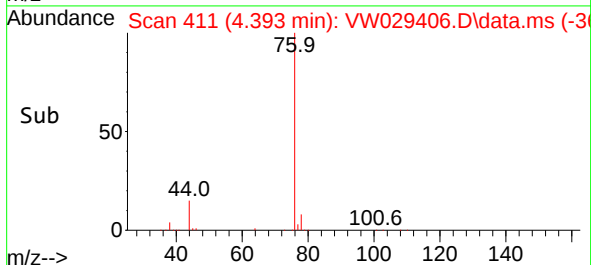
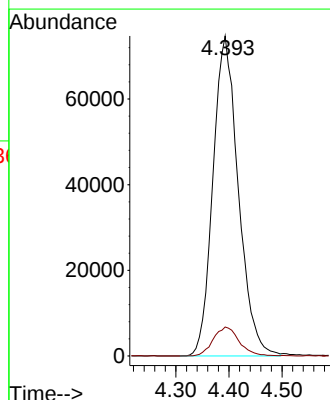
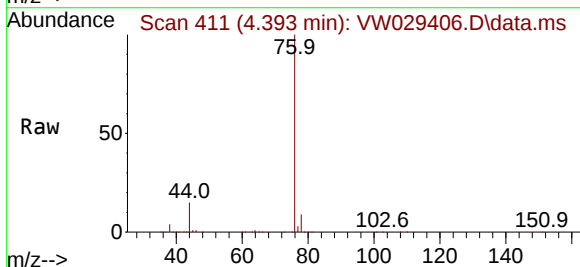
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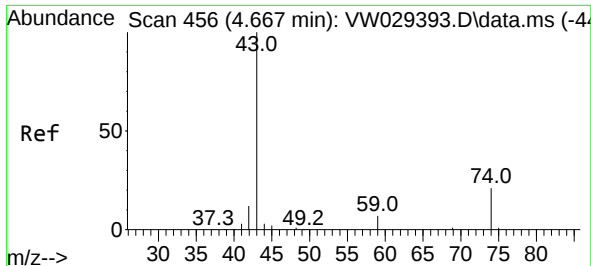
Tgt Ion: 43 Resp: 40556
Ion Ratio Lower Upper
43 100
58 28.5 0.0 61.4



#14
Carbon disulfide
Concen: 18.031 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW029406.D
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Tgt Ion: 76 Resp: 248267
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

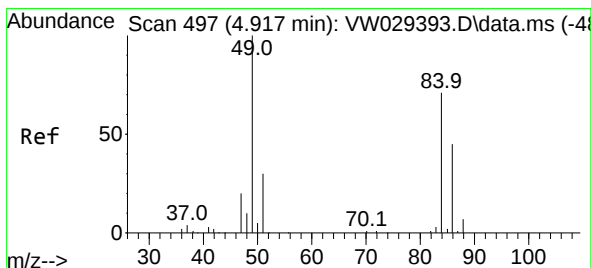
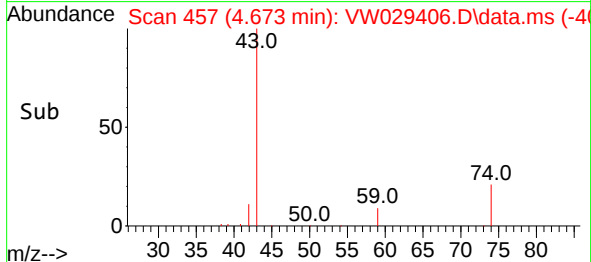
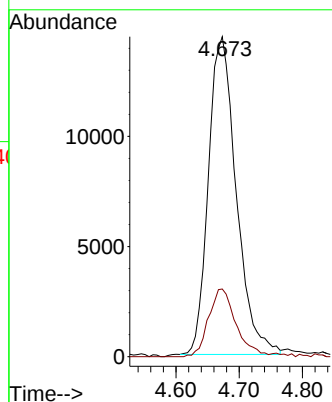
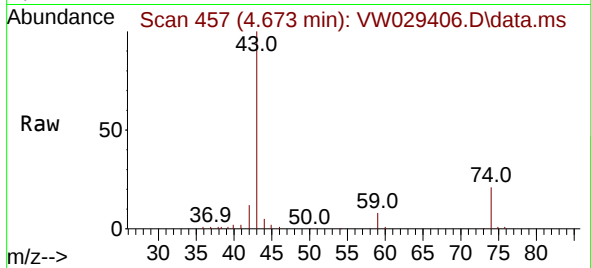




#15
Methyl Acetate
Concen: 17.378 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

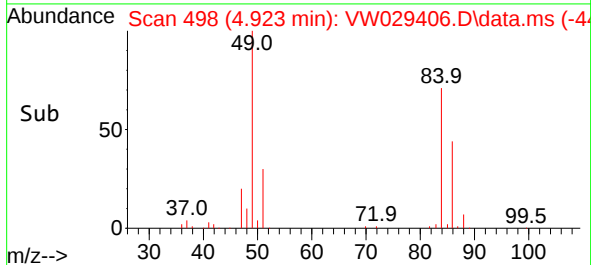
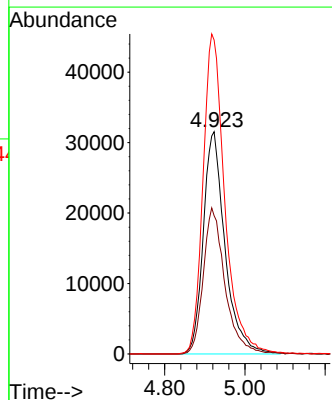
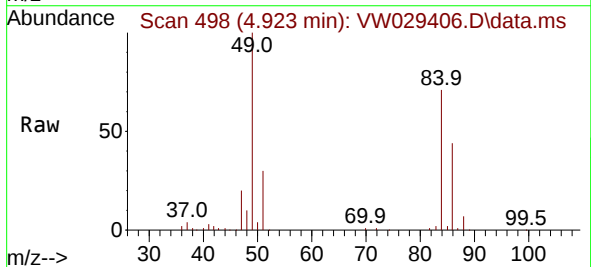
Instrument :
MSVOA_W
ClientSampleId :
A4CE1MSD

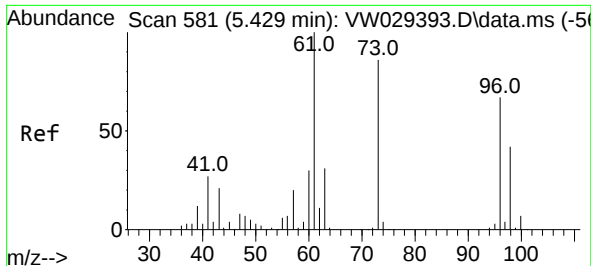
Tgt Ion: 43 Resp: 44195
Ion Ratio Lower Upper
43 100
74 20.9 16.6 25.0



#16
Methylene chloride
Concen: 18.545 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

Tgt Ion: 84 Resp: 118706
Ion Ratio Lower Upper
84 100
86 62.2 41.4 77.0
49 141.2 95.7 177.7

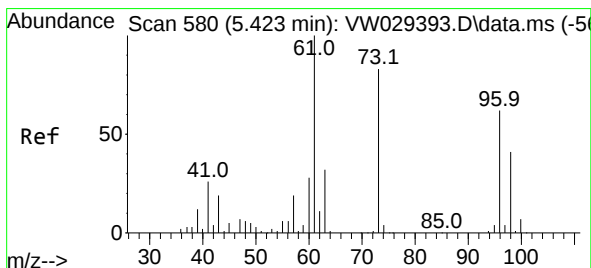
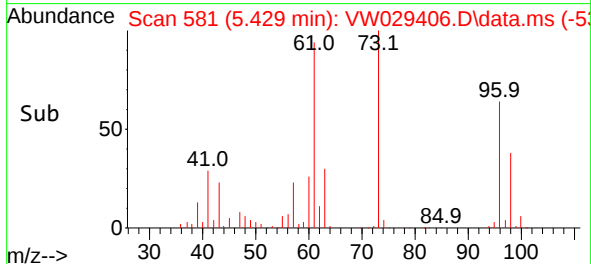
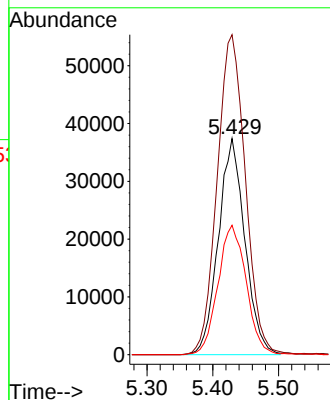
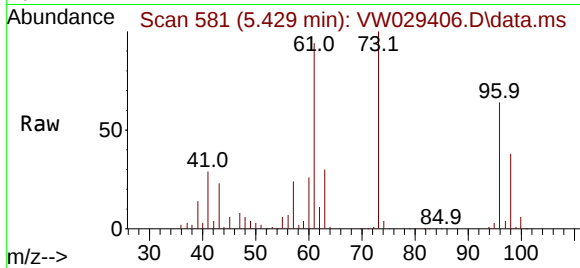




#17
trans-1,2-Dichloroethene
Concen: 22.402 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

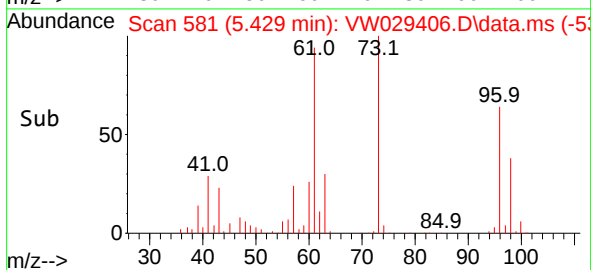
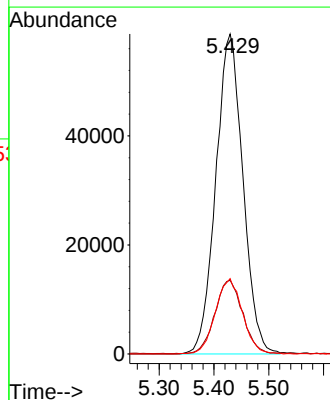
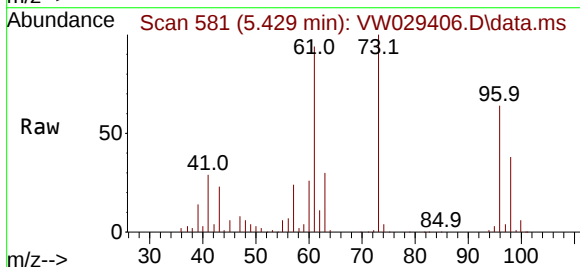
Instrument :
MSVOA_W
ClientSampleId :
A4CE1MSD

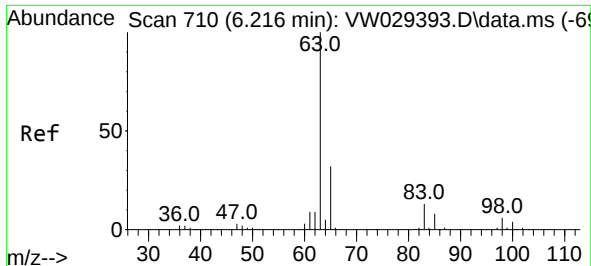
Tgt Ion: 96 Resp: 104936
Ion Ratio Lower Upper
96 100
61 148.0 101.5 188.5
98 59.9 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 26.927 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

Tgt Ion: 73 Resp: 201798
Ion Ratio Lower Upper
73 100
43 23.3 19.5 29.3
57 23.5 18.4 27.6

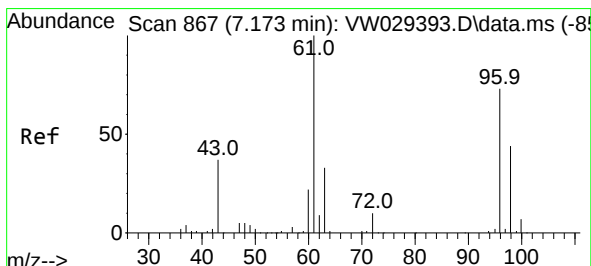
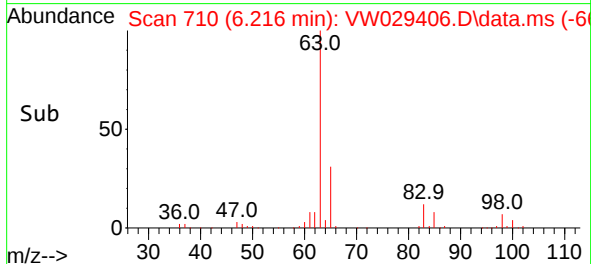
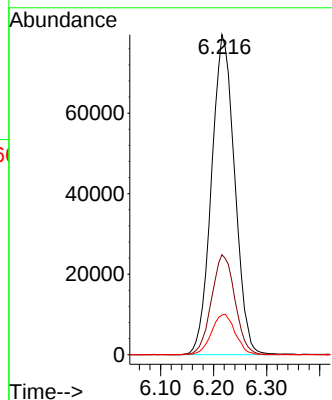
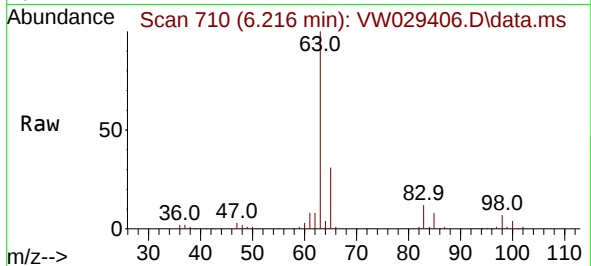




#19
1,1-Dichloroethane
Concen: 23.886 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

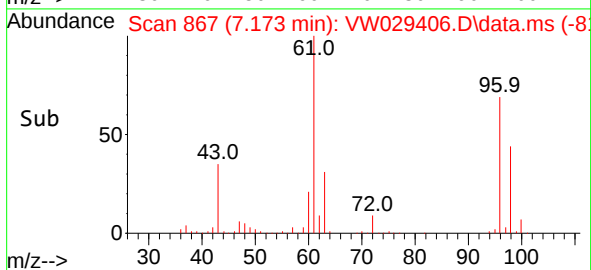
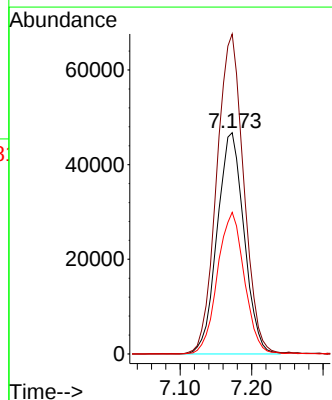
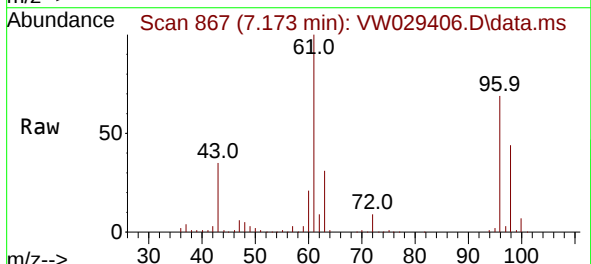
Instrument :
MSVOA_W
ClientSampleId :
A4CE1MSD

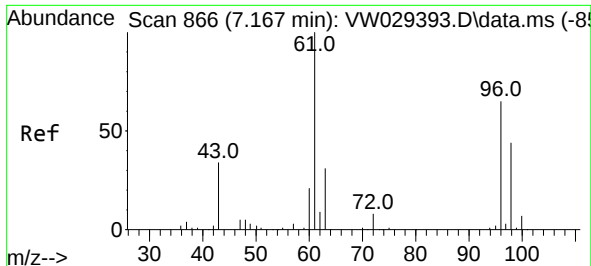
Tgt Ion: 63 Resp: 241650
Ion Ratio Lower Upper
63 100
65 31.3 23.4 43.4
83 12.4 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 23.639 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

Tgt Ion: 96 Resp: 122104
Ion Ratio Lower Upper
96 100
61 144.6 97.8 181.6
98 64.0 43.0 79.8

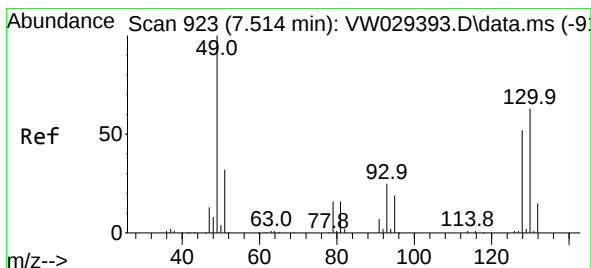
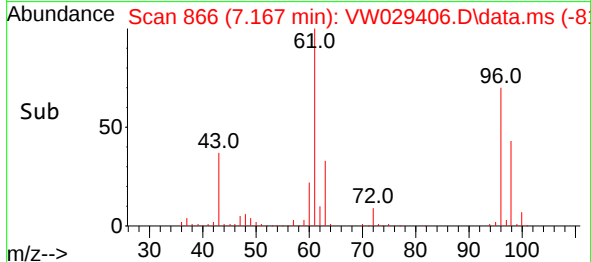
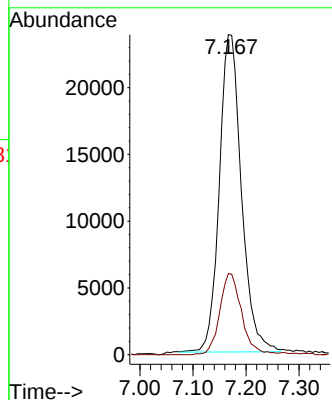
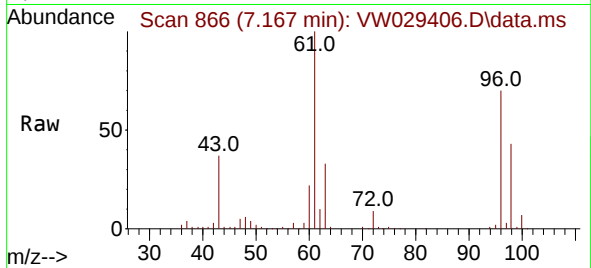




#22
2-Butanone
Concen: 39.196 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

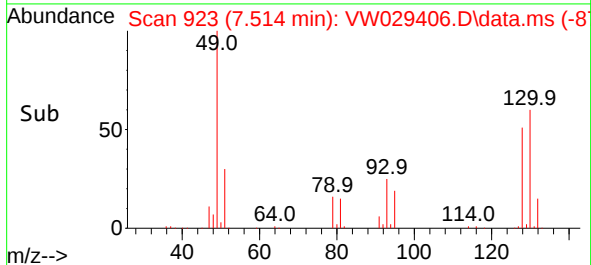
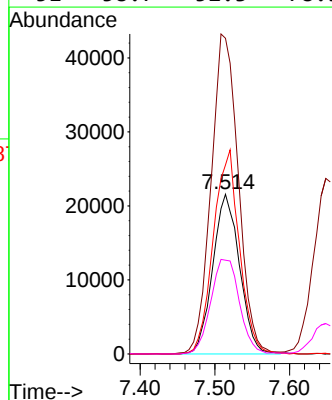
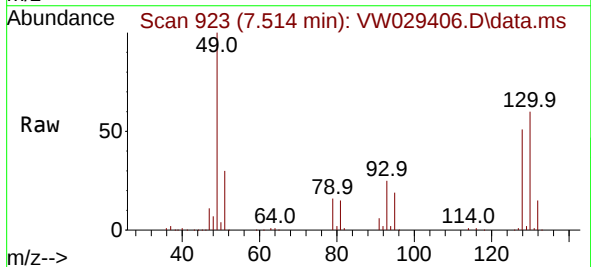
Instrument :
MSVOA_W
ClientSampleId :
A4CE1MSD

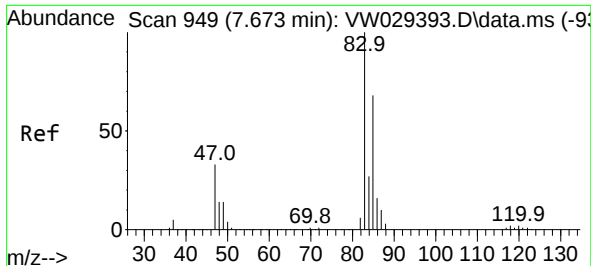
Tgt Ion: 43 Resp: 68830
Ion Ratio Lower Upper
43 100
72 25.2 11.9 35.7



#23
Bromochloromethane
Concen: 23.350 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

Tgt Ion: 128 Resp: 53693
Ion Ratio Lower Upper
128 100
49 197.8 142.6 264.8
130 118.4 79.7 148.1
51 58.7 52.3 78.5

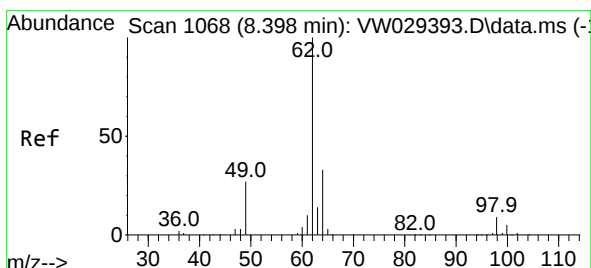
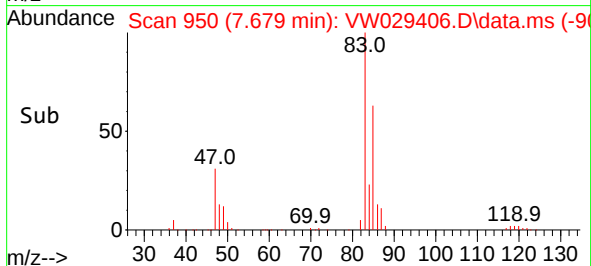
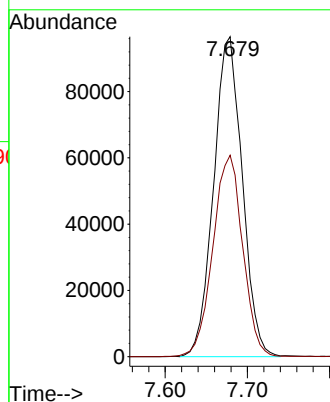
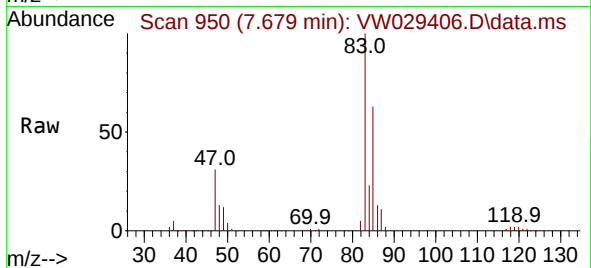




#25
Chloroform
Concen: 23.658 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

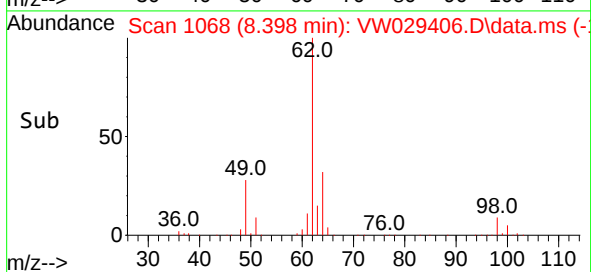
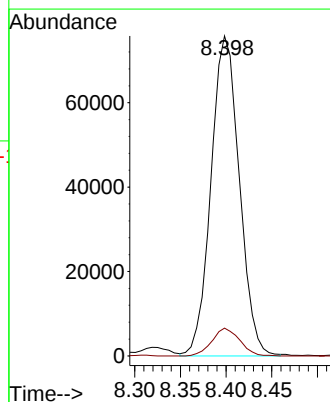
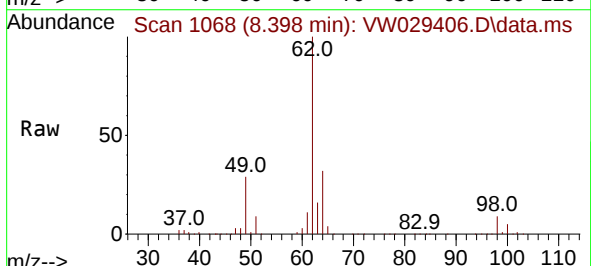
Instrument :
MSVOA_W
ClientSampleId :
A4CE1MSD

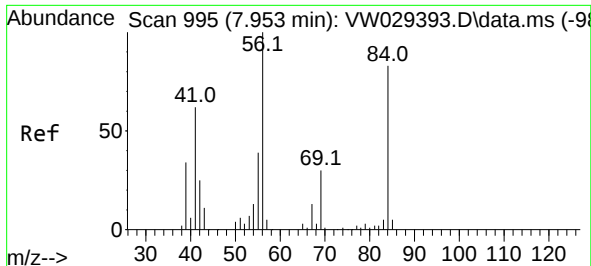
Tgt Ion: 83 Resp: 233711
Ion Ratio Lower Upper
83 100
85 62.9 44.4 82.4



#27
1,2-Dichloroethane
Concen: 22.456 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

Tgt Ion: 62 Resp: 163616
Ion Ratio Lower Upper
62 100
98 8.7 6.6 10.0

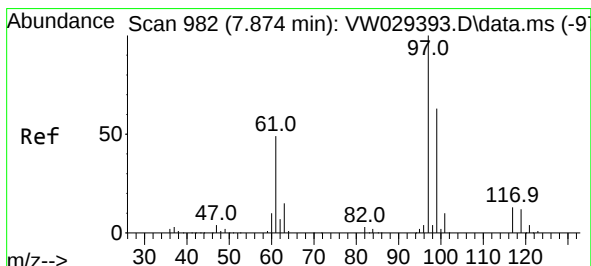
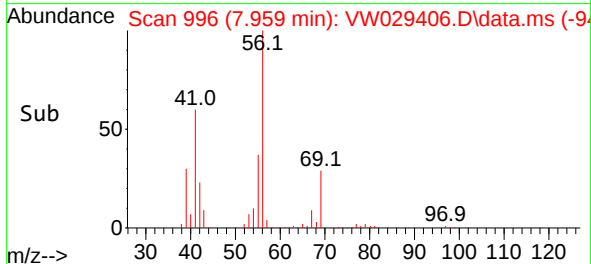
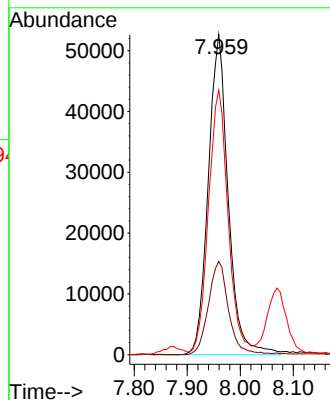
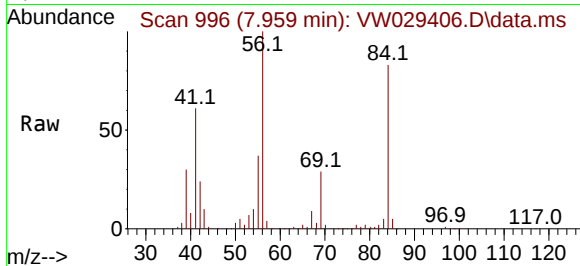




#29
Cyclohexane
Concen: 21.473 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

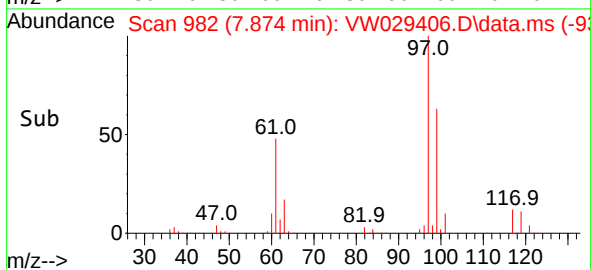
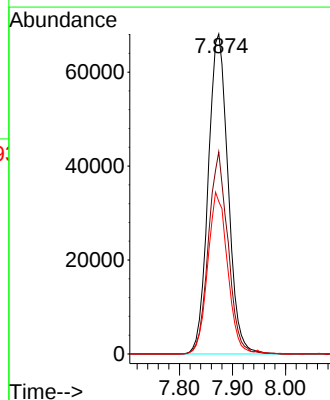
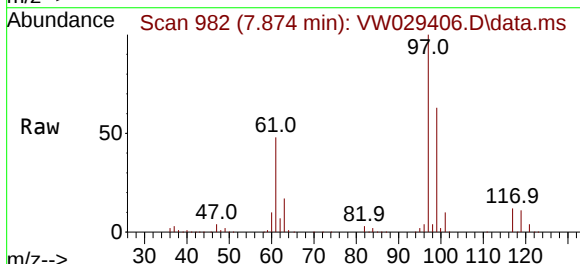
Instrument :
MSVOA_W
ClientSampleId :
A4CE1MSD

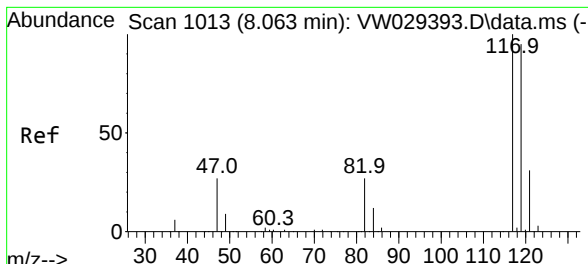
Tgt Ion: 56 Resp: 137499
Ion Ratio Lower Upper
56 100
69 29.0 23.4 35.0
84 81.3 64.5 96.7



#30
1,1,1-Trichloroethane
Concen: 28.452 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

Tgt Ion: 97 Resp: 177219
Ion Ratio Lower Upper
97 100
99 62.1 53.0 79.4
61 50.5 43.0 64.4

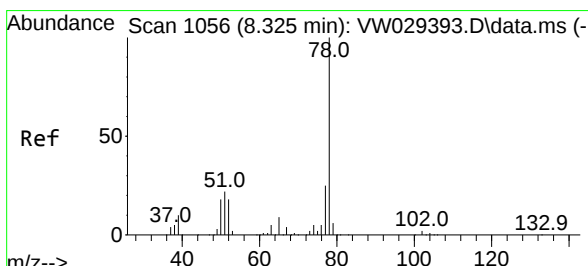
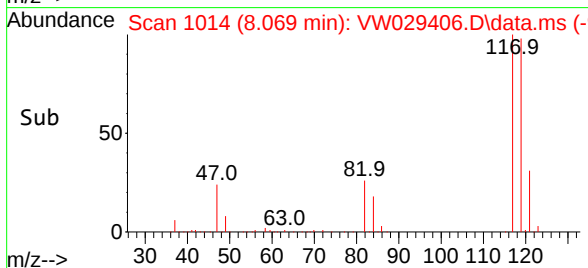
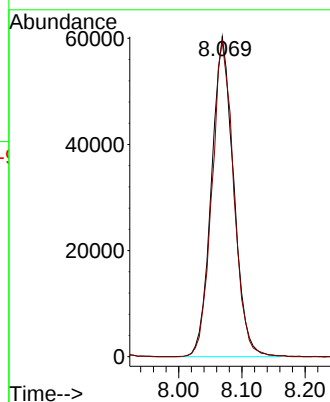
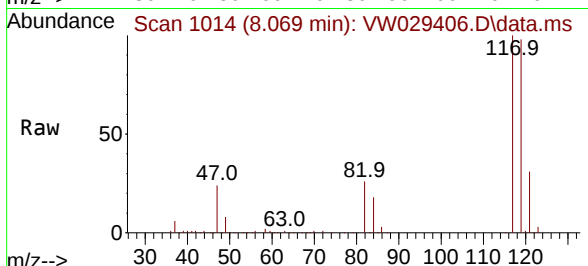




#31
Carbon tetrachloride
Concen: 25.834 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

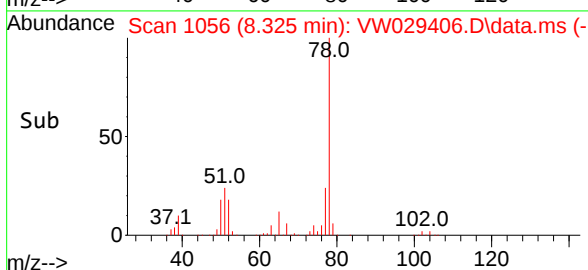
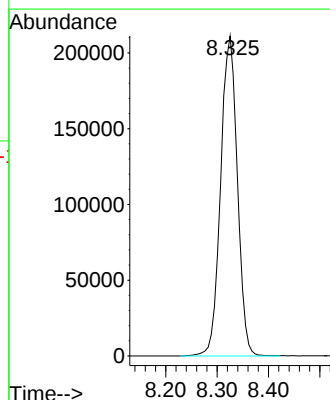
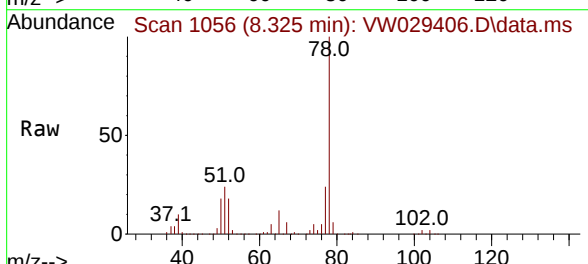
Instrument :
MSVOA_W
ClientSampleId :
A4CE1MSD

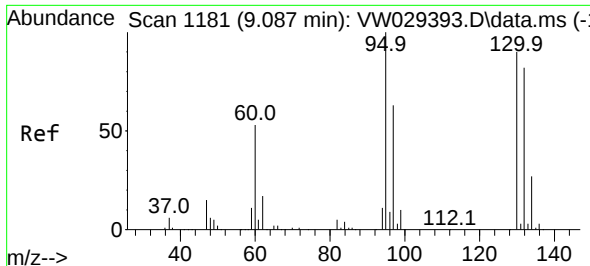
Tgt Ion:117 Resp: 146995
Ion Ratio Lower Upper
117 100
119 96.9 79.0 118.4



#33
Benzene
Concen: 28.384 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

Tgt Ion: 78 Resp: 477717

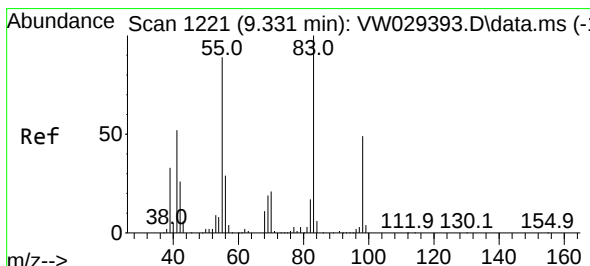
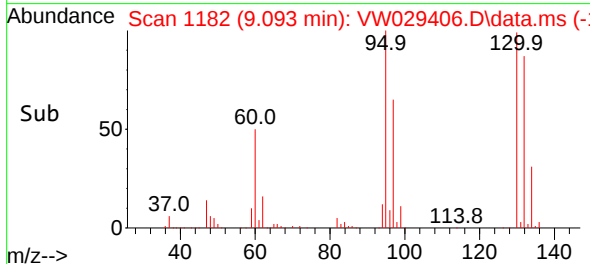
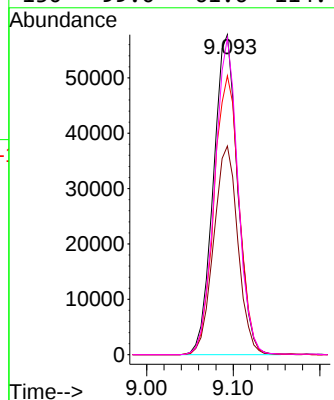
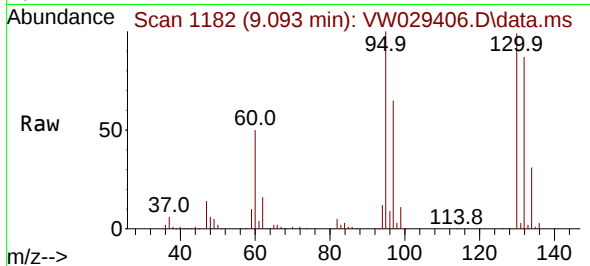




#34
Trichloroethene
Concen: 25.050 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

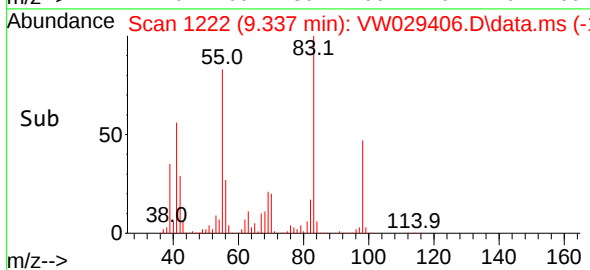
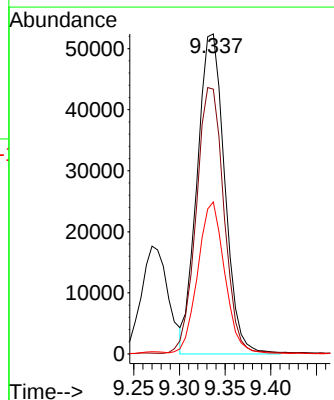
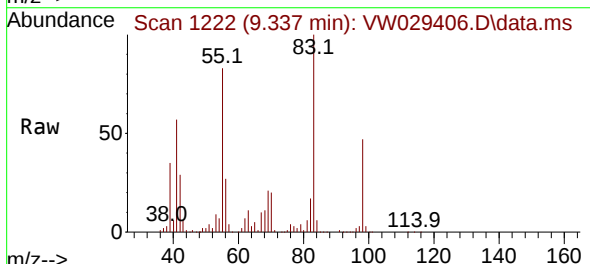
Instrument :
MSVOA_W
ClientSampleId :
A4CE1MSD

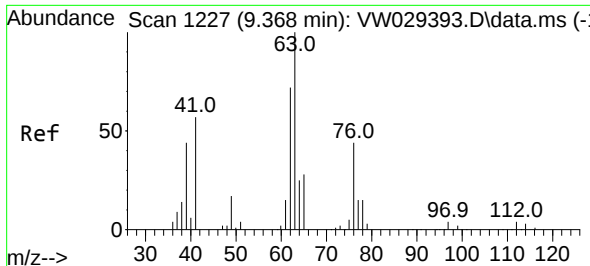
Tgt Ion: 95 Resp: 112480
Ion Ratio Lower Upper
95 100
97 65.2 45.7 84.9
132 87.2 66.4 123.4
130 99.0 61.6 114.4



#35
Methylcyclohexane
Concen: 15.579 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

Tgt Ion: 83 Resp: 110015
Ion Ratio Lower Upper
83 100
55 83.3 69.5 104.3
98 46.5 38.0 57.0





#37

1,2-Dichloropropane

Concen: 29.372 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

Instrument :

MSVOA_W

ClientSampleId :

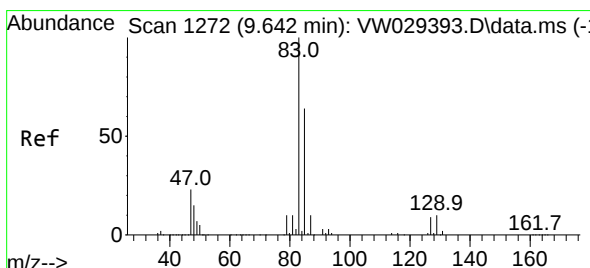
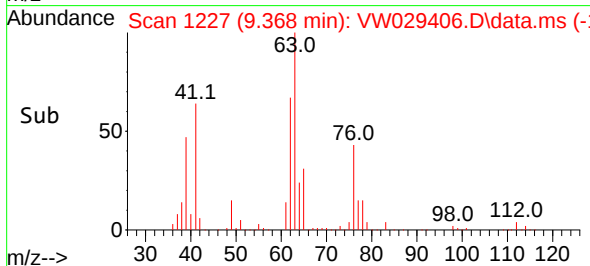
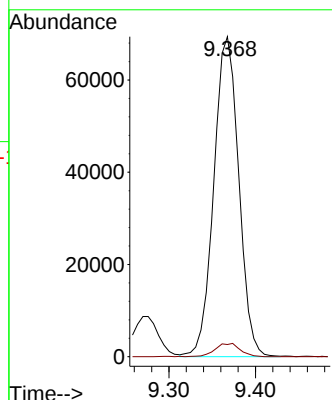
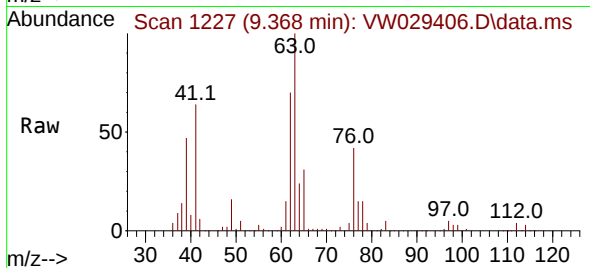
A4CE1MSD

Tgt Ion: 63 Resp: 138905

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 28.404 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

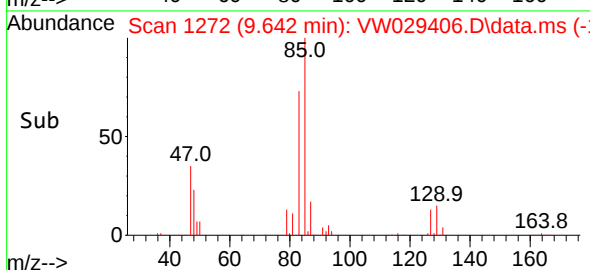
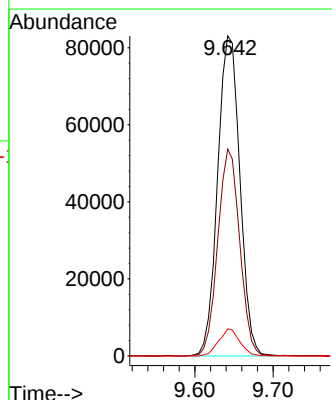
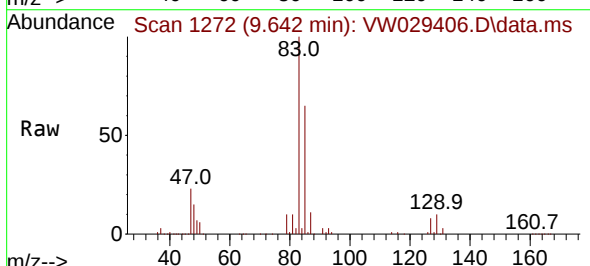
Tgt Ion: 83 Resp: 164236

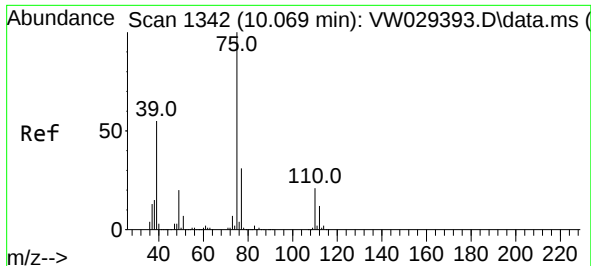
Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.9

127 8.5 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 25.740 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

Instrument :

MSVOA_W

ClientSampleId :

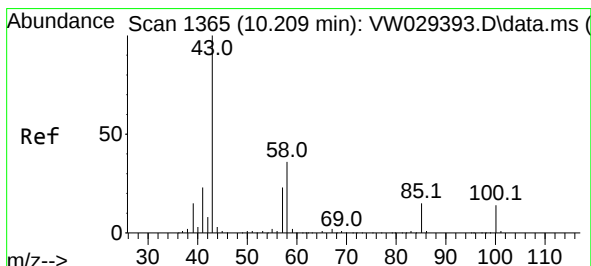
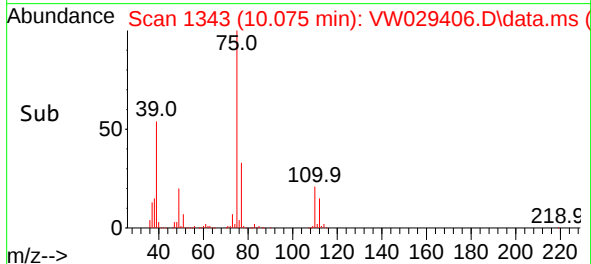
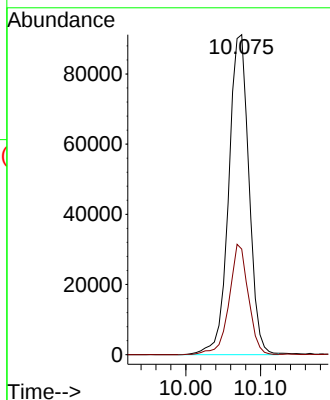
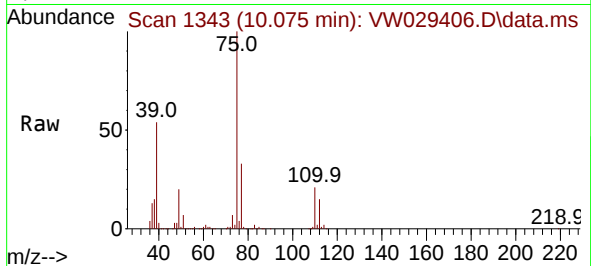
A4CE1MSD

Tgt Ion: 75 Resp: 172077

Ion Ratio Lower Upper

75 100

77 33.0 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 54.310 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

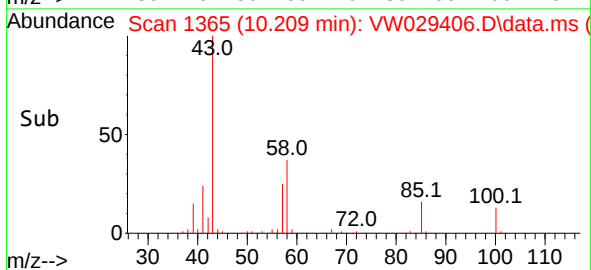
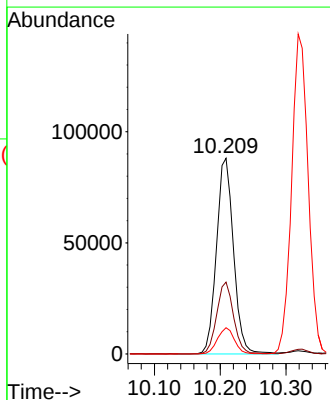
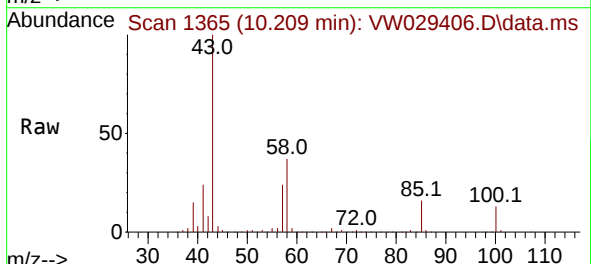
Tgt Ion: 43 Resp: 159193

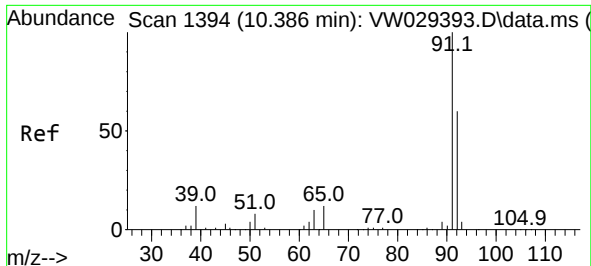
Ion Ratio Lower Upper

43 100

58 36.0 28.2 42.4

100 13.4 11.0 16.4

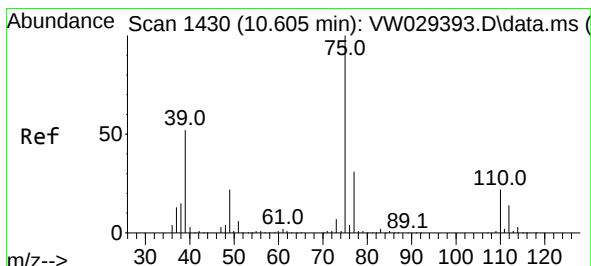
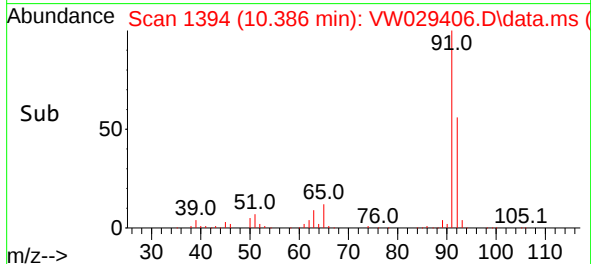
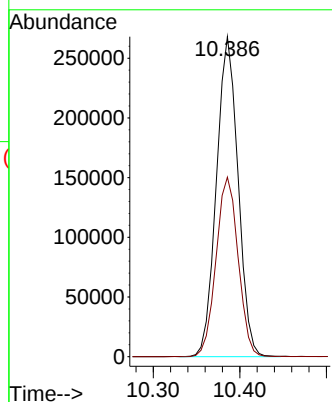
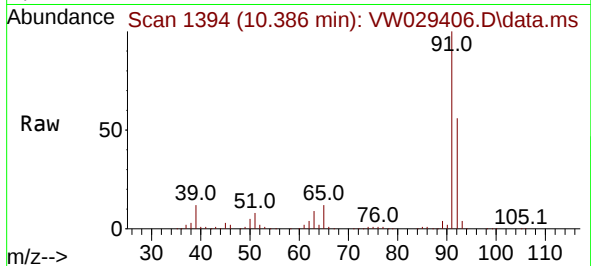




#42
Toluene
Concen: 26.864 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

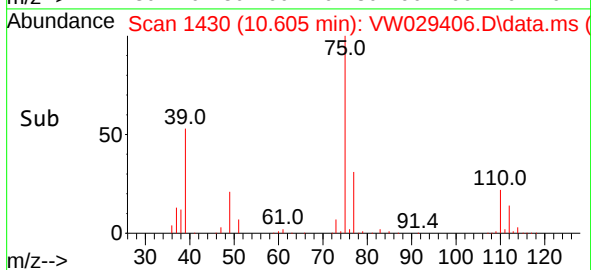
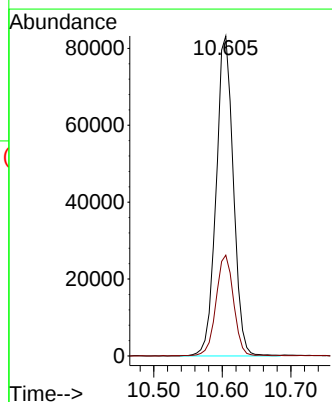
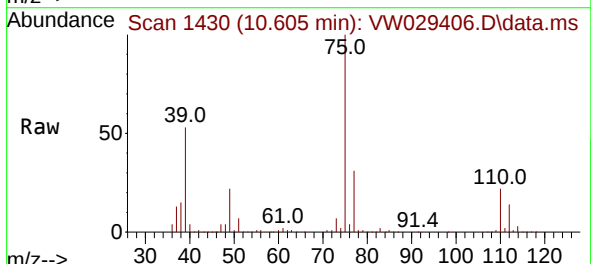
Instrument :
MSVOA_W
ClientSampleId :
A4CE1MSD

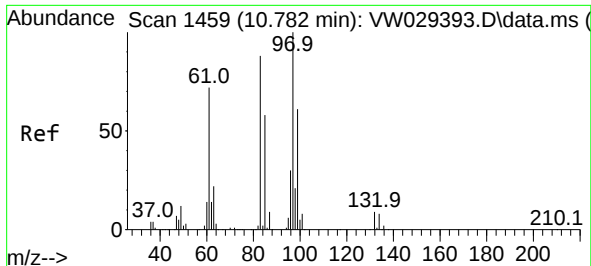
Tgt Ion: 91 Resp: 464801
Ion Ratio Lower Upper
91 100
92 56.1 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 25.644 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

Tgt Ion: 75 Resp: 144754
Ion Ratio Lower Upper
75 100
77 31.5 22.7 42.1

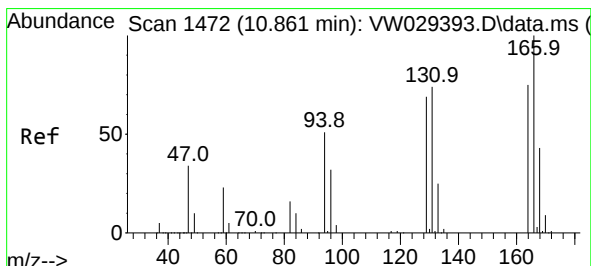
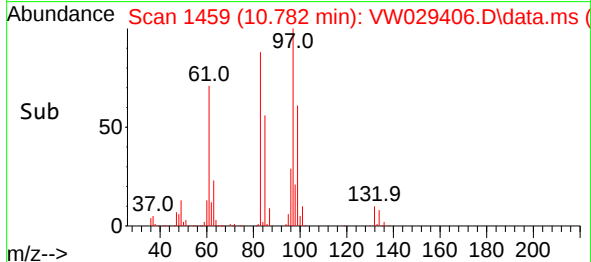
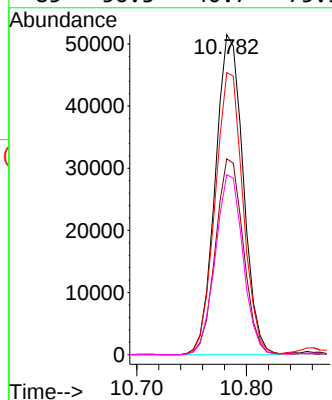
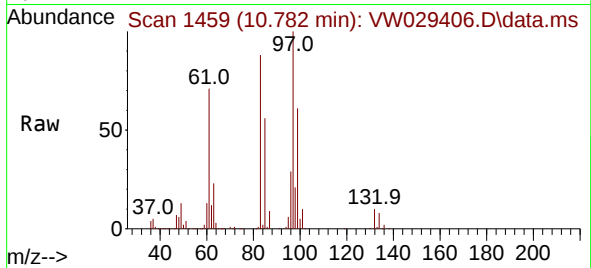




#45
1,1,2-Trichloroethane
Concen: 27.673 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

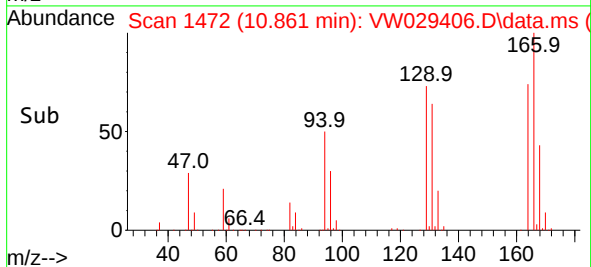
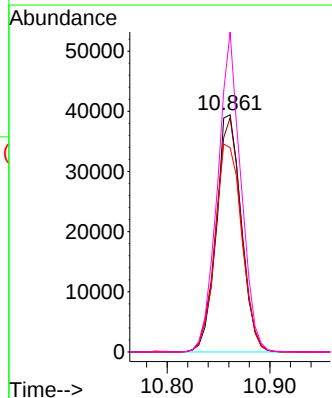
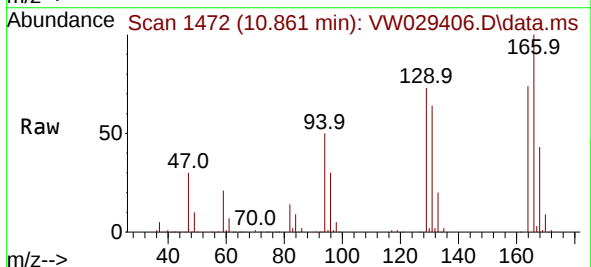
Instrument :
MSVOA_W
ClientSampleId :
A4CE1MSD

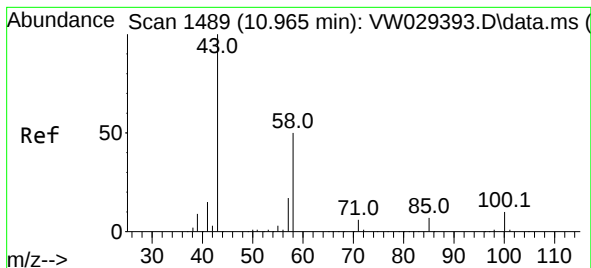
Tgt Ion:	97	Resp:	91148
Ion	Ratio	Lower	Upper
97	100		
99	61.2	42.3	78.5
83	88.2	57.7	107.1
85	56.3	40.7	75.5



#46
Tetrachloroethene
Concen: 21.105 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

Tgt Ion:	164	Resp:	66244
Ion	Ratio	Lower	Upper
164	100		
129	98.7	68.5	127.3
131	86.2	71.8	133.4
166	135.0	97.2	180.4





#48

2-Hexanone

Concen: 49.416 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

Instrument :

MSVOA_W

ClientSampleId :

A4CE1MSD

Tgt Ion: 43 Resp: 102780

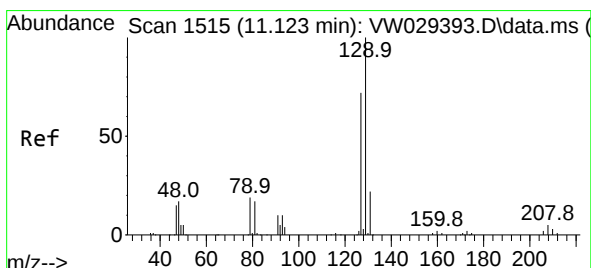
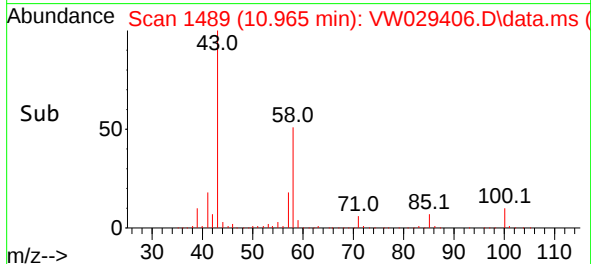
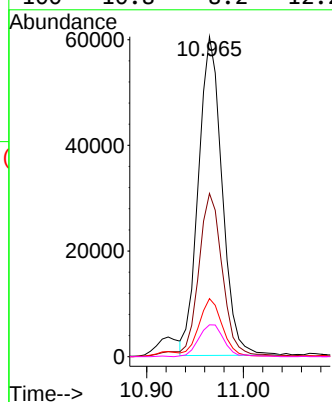
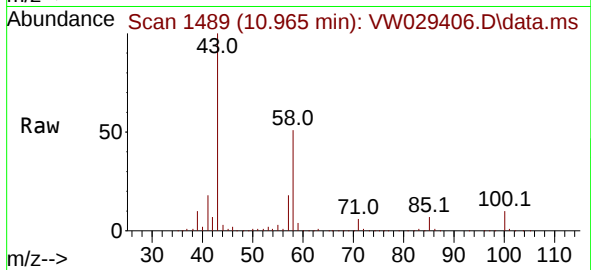
Ion Ratio Lower Upper

43 100

58 51.1 39.6 59.4

57 18.1 14.6 21.8

100 10.8 8.2 12.2



#49

Dibromochloromethane

Concen: 27.049 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW029406.D

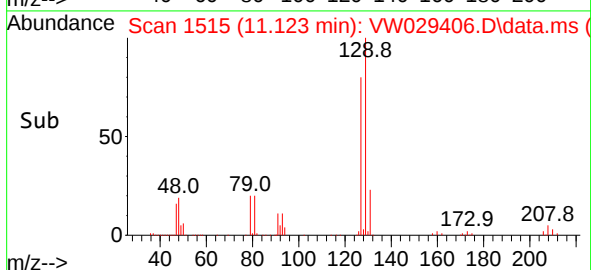
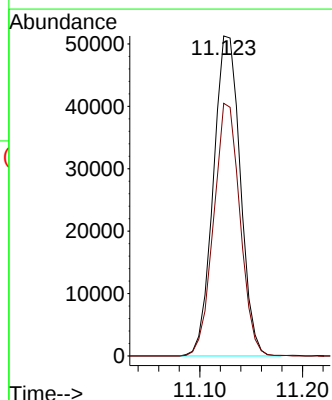
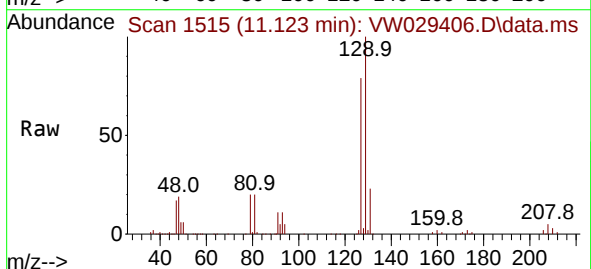
Acq: 28 Jun 2024 18:22

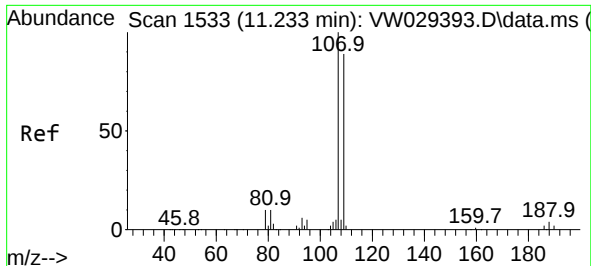
Tgt Ion:129 Resp: 93130

Ion Ratio Lower Upper

129 100

127 79.0 54.8 101.8





#50

1,2-Dibromoethane

Concen: 26.317 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

Instrument :

MSVOA_W

ClientSampleId :

A4CE1MSD

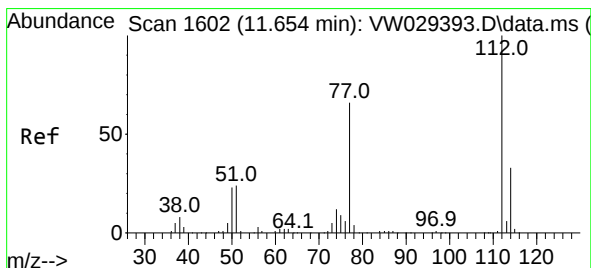
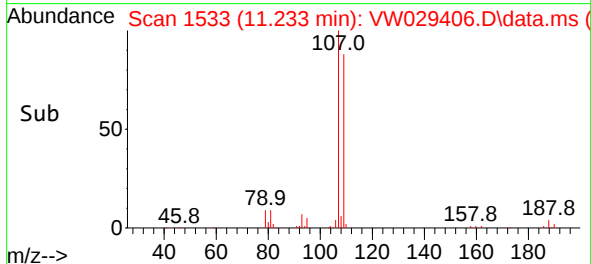
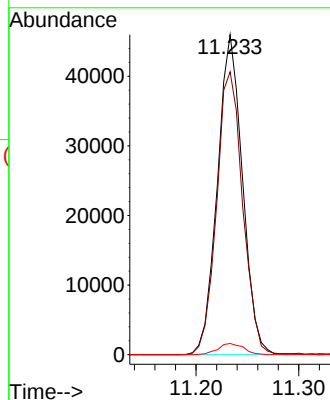
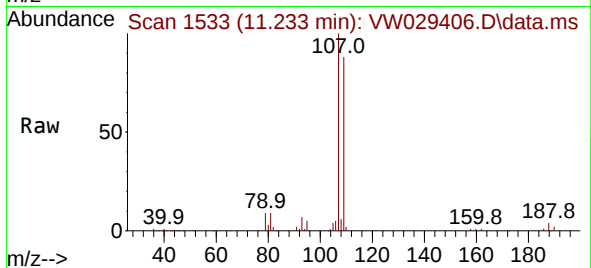
Tgt Ion:107 Resp: 77811

Ion Ratio Lower Upper

107 100

109 88.4 65.5 121.6

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 23.567 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

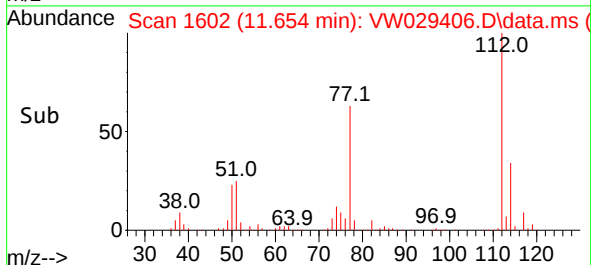
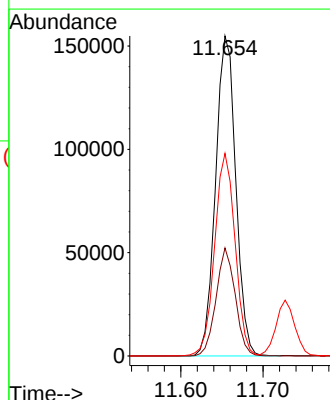
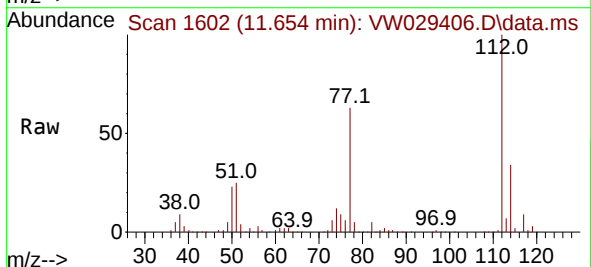
Tgt Ion:112 Resp: 264792

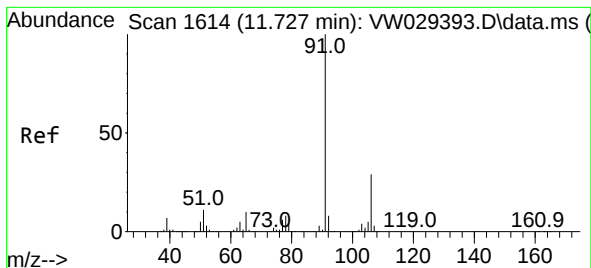
Ion Ratio Lower Upper

112 100

114 33.7 22.6 42.0

77 63.3 51.0 76.6

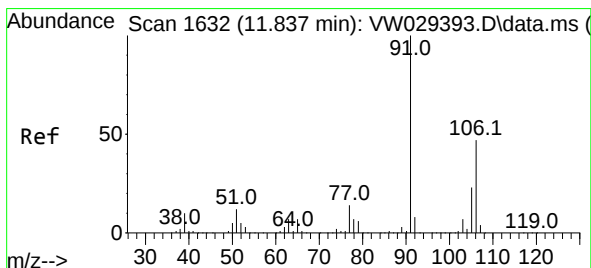
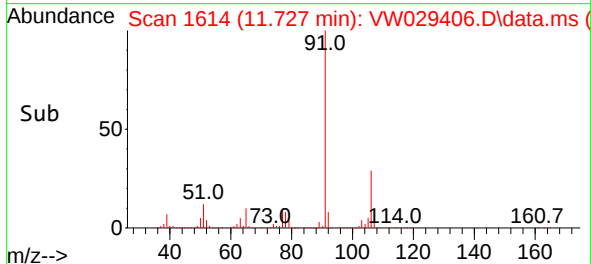
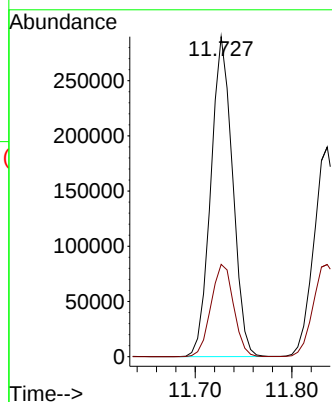
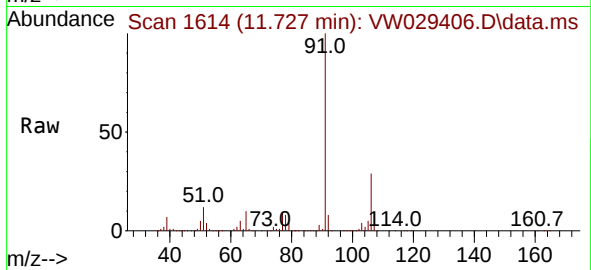




#52
Ethylbenzene
Concen: 23.063 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

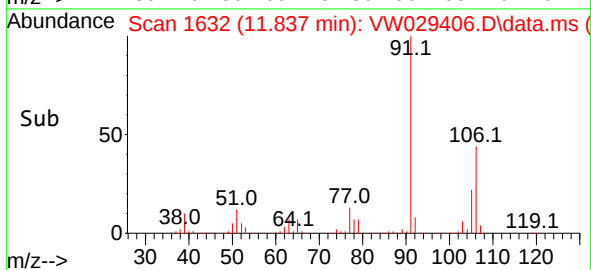
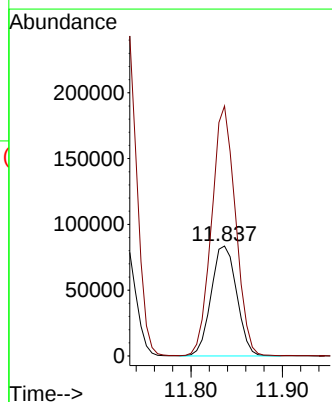
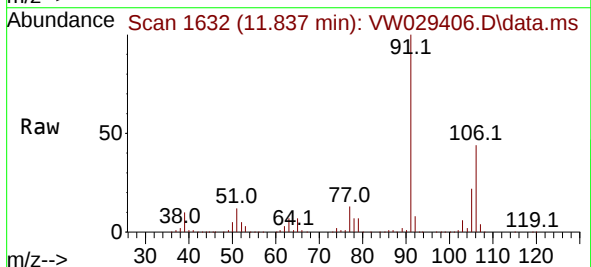
Instrument :
MSVOA_W
ClientSampleId :
A4CE1MSD

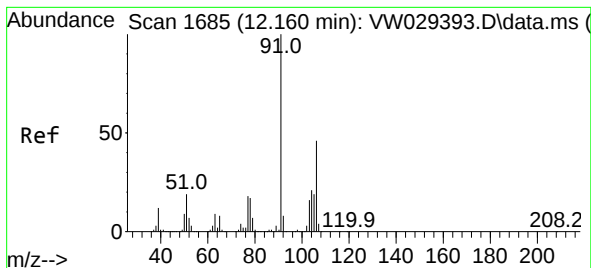
Tgt Ion: 91 Resp: 452957
Ion Ratio Lower Upper
91 100
106 28.8 19.9 37.0



#53
m,p-Xylene
Concen: 22.668 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

Tgt Ion: 106 Resp: 162616
Ion Ratio Lower Upper
106 100
91 227.5 140.5 260.9





#54

o-Xylene

Concen: 24.070 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

Instrument :

MSVOA_W

ClientSampleId :

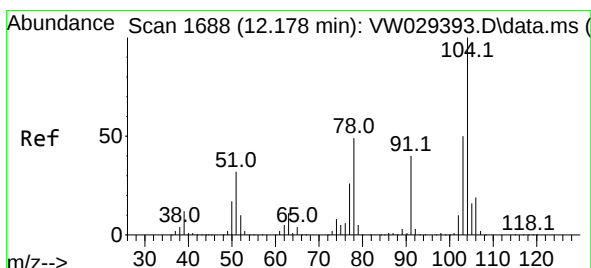
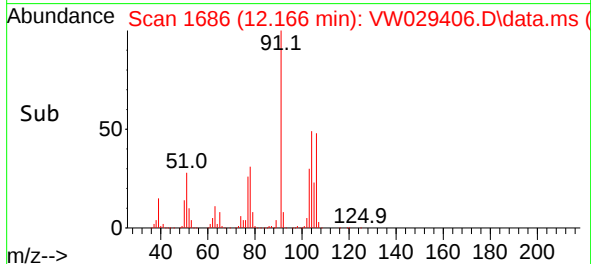
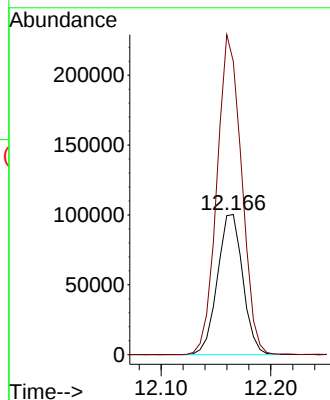
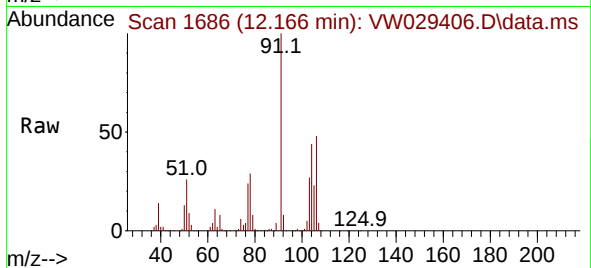
A4CE1MSD

Tgt Ion:106 Resp: 161379

Ion Ratio Lower Upper

106 100

91 209.3 149.9 278.5



#55

Styrene

Concen: 22.871 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029406.D

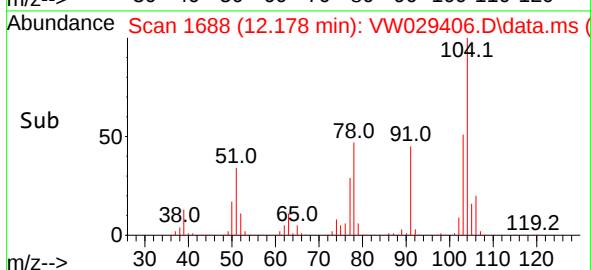
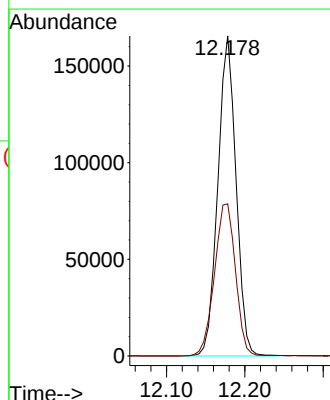
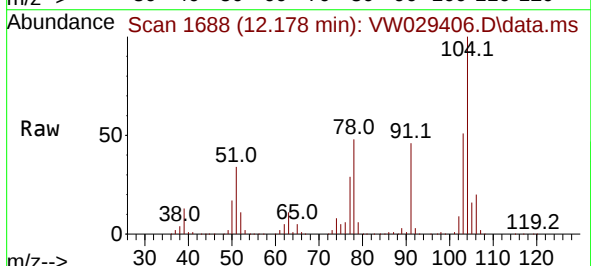
Acq: 28 Jun 2024 18:22

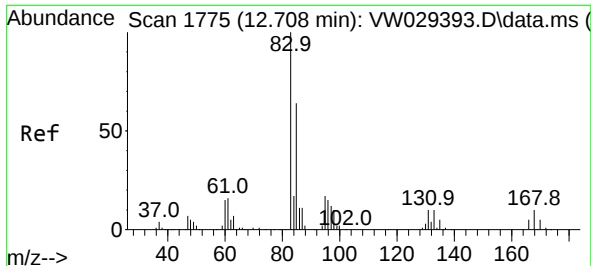
Tgt Ion:104 Resp: 267362

Ion Ratio Lower Upper

104 100

78 47.5 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.721 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

Instrument :

MSVOA_W

ClientSampleId :

A4CE1MSD

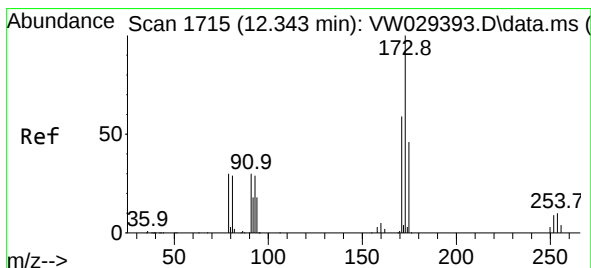
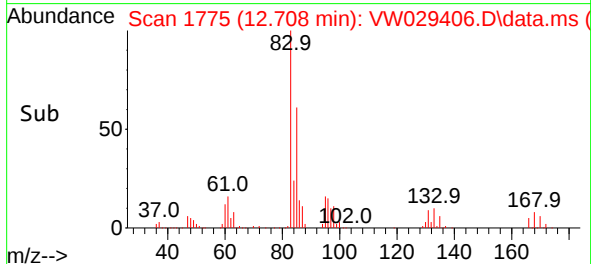
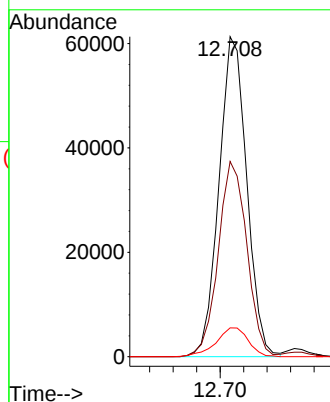
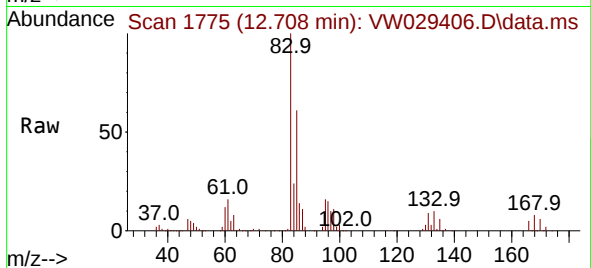
Tgt Ion: 83 Resp: 100720

Ion Ratio Lower Upper

83 100

85 61.0 45.8 85.0

131 9.0 7.8 11.6



#59

Bromoform

Concen: 34.377 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

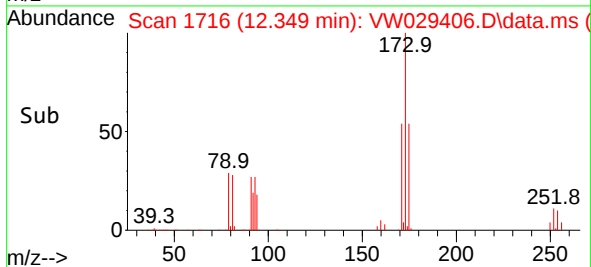
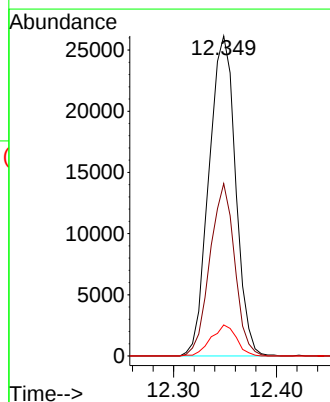
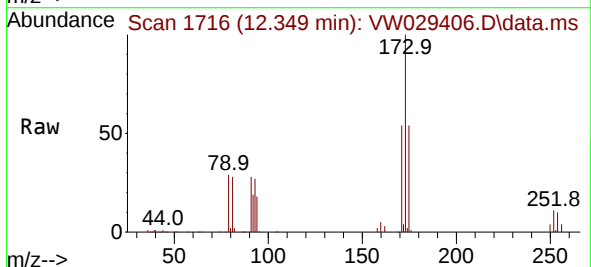
Tgt Ion:173 Resp: 47054

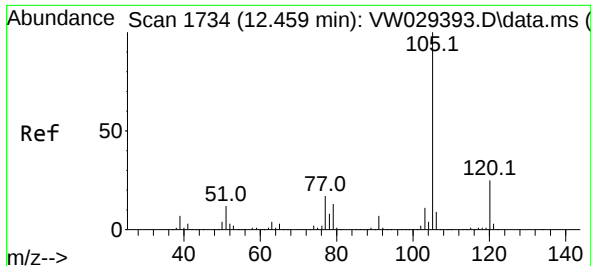
Ion Ratio Lower Upper

173 100

175 50.0 37.8 56.8

254 9.2 7.8 11.6

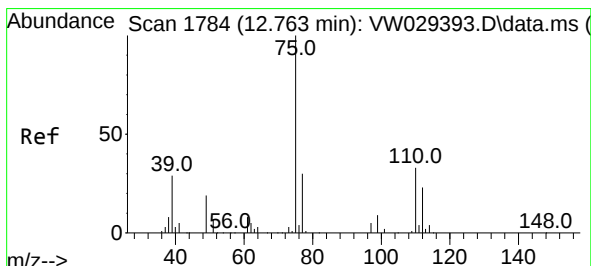
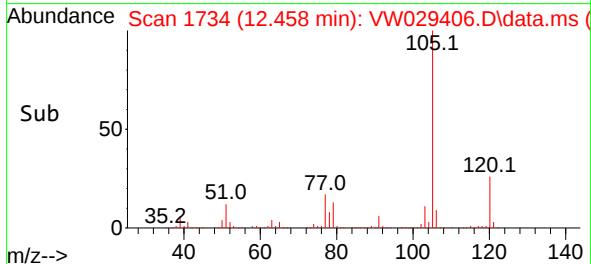
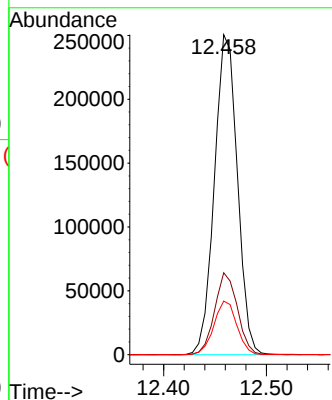
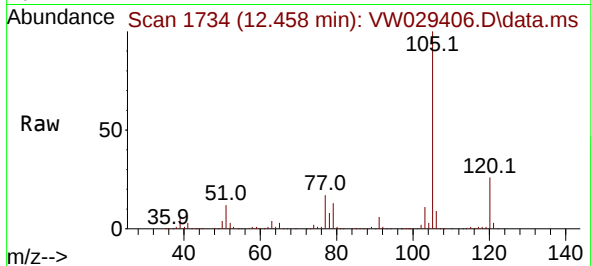




#60
Isopropylbenzene
Concen: 29.198 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

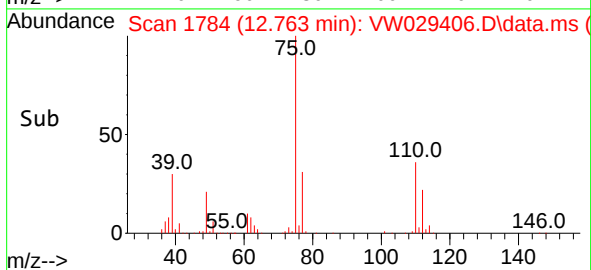
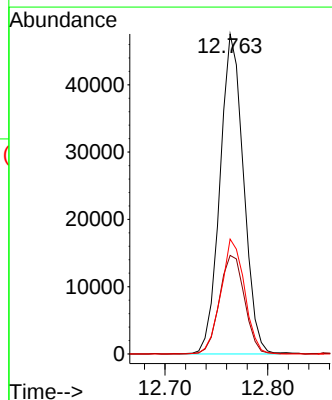
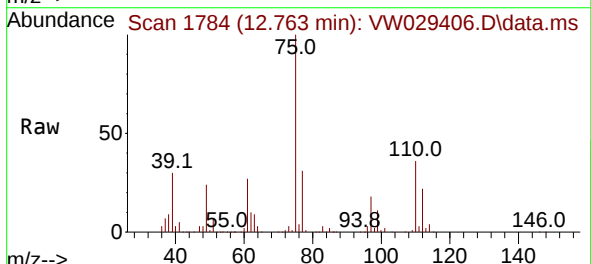
Instrument :
MSVOA_W
ClientSampleId :
A4CE1MSD

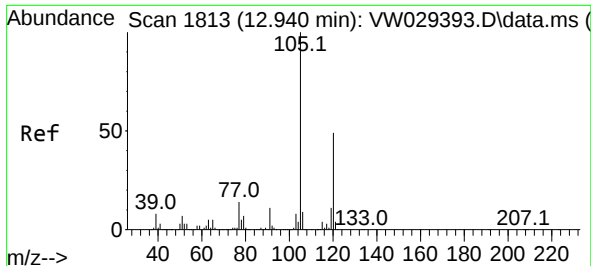
Tgt Ion:105 Resp: 388540
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7
77 16.8 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 34.770 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

Tgt Ion: 75 Resp: 75739
Ion Ratio Lower Upper
75 100
77 32.9 26.6 39.8
110 36.1 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 26.656 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

Instrument :

MSVOA_W

ClientSampleId :

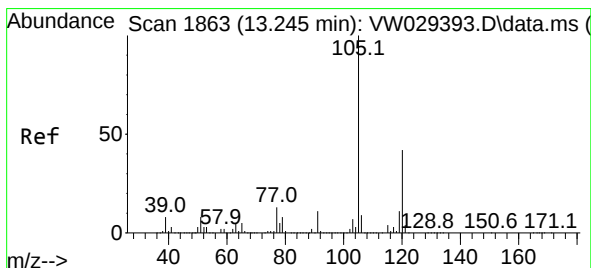
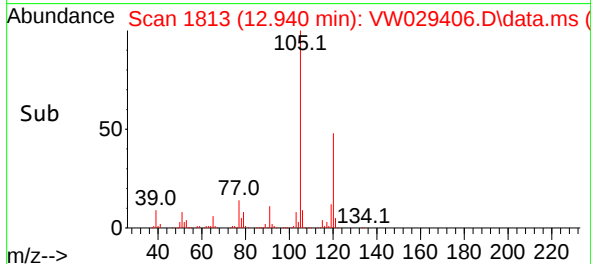
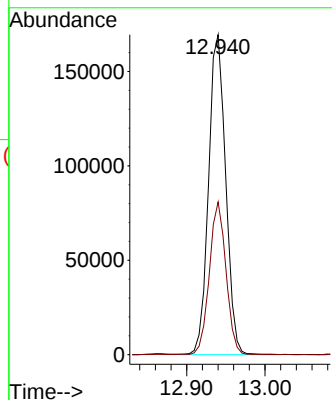
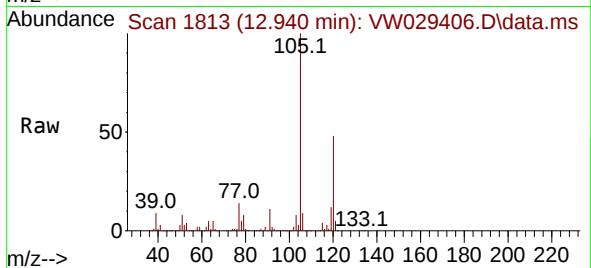
A4CE1MSD

Tgt Ion:105 Resp: 256892

Ion Ratio Lower Upper

105 100

120 46.4 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 27.339 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029406.D

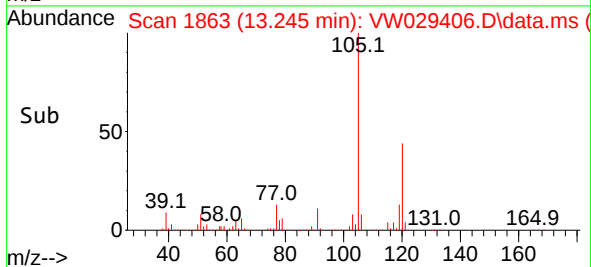
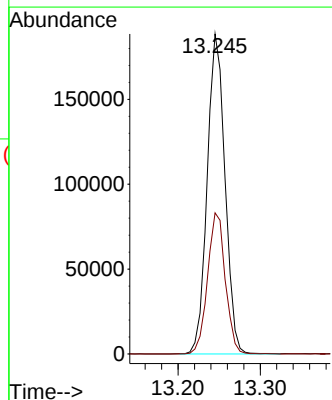
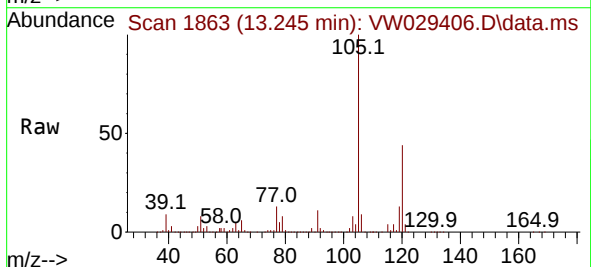
Acq: 28 Jun 2024 18:22

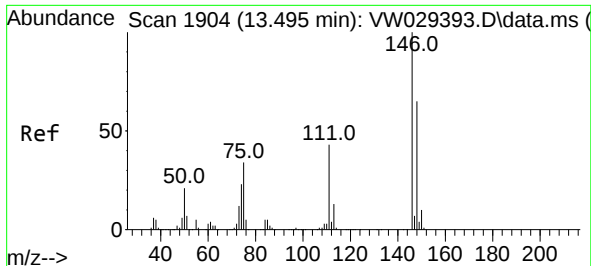
Tgt Ion:105 Resp: 283486

Ion Ratio Lower Upper

105 100

120 44.0 34.9 52.3

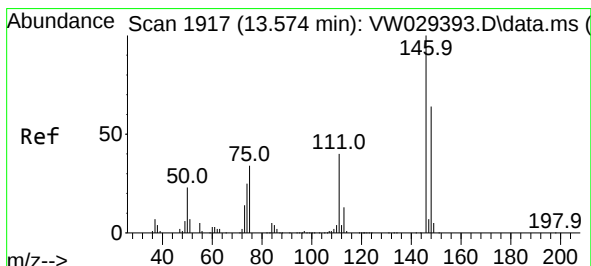
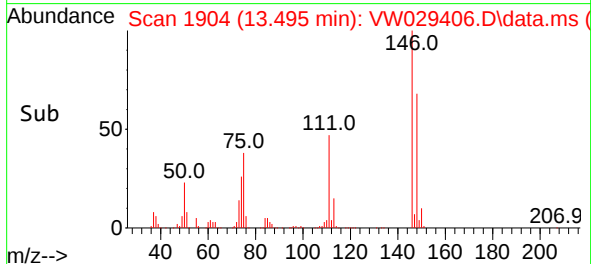
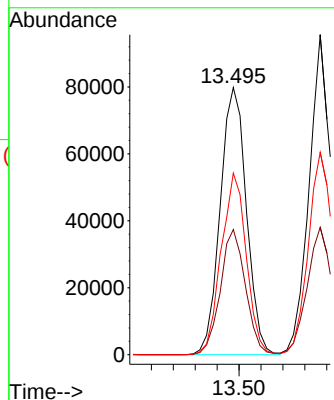
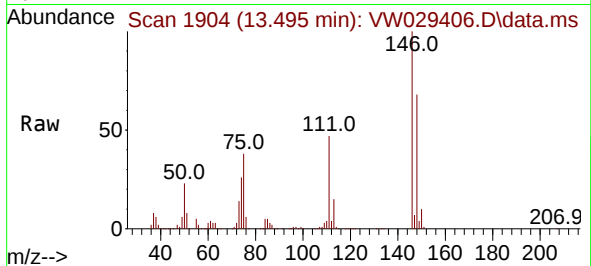




#64
1,3-Dichlorobenzene
Concen: 23.034 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

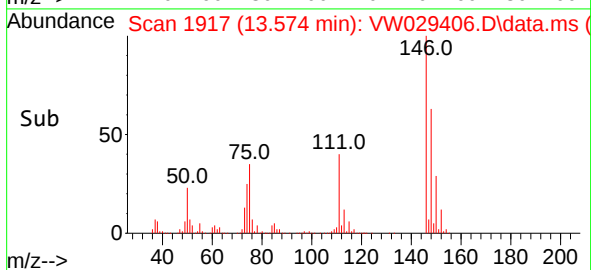
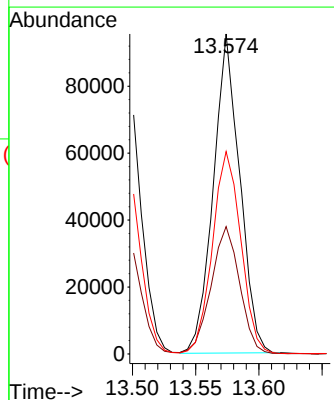
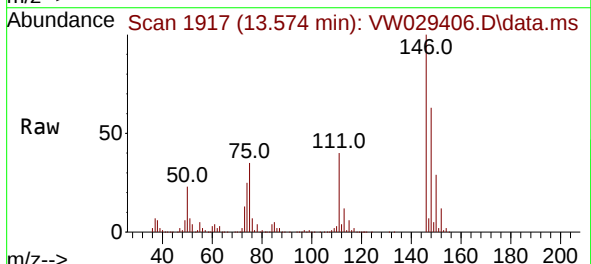
Instrument :
MSVOA_W
ClientSampleId :
A4CE1MSD

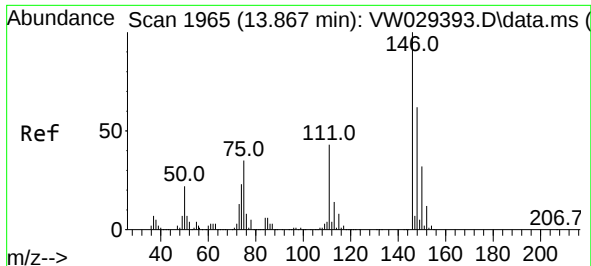
Tgt Ion:146 Resp: 132645
Ion Ratio Lower Upper
146 100
111 46.8 33.0 61.2
148 67.9 47.5 88.1



#65
1,4-Dichlorobenzene
Concen: 22.616 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029406.D
Acq: 28 Jun 2024 18:22

Tgt Ion:146 Resp: 138571
Ion Ratio Lower Upper
146 100
111 39.8 28.9 53.7
148 63.2 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 23.388 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

Instrument :

MSVOA_W

ClientSampleId :

A4CE1MSD

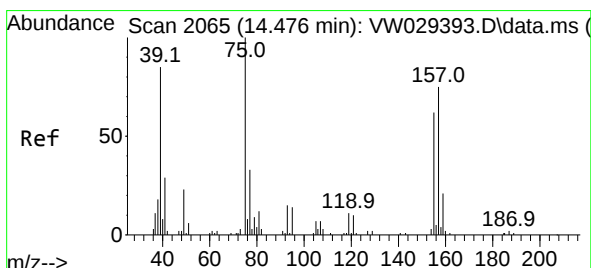
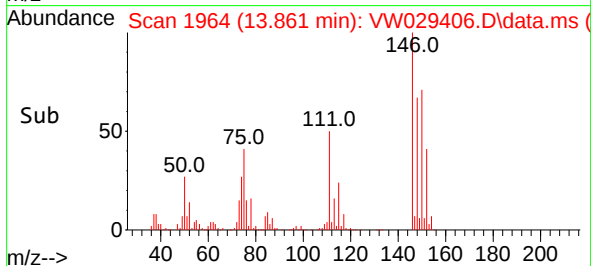
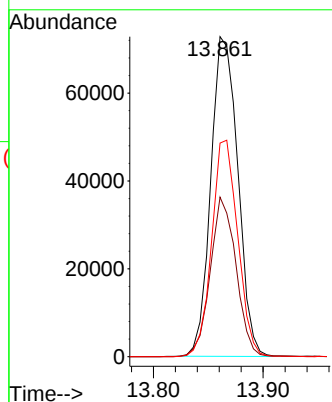
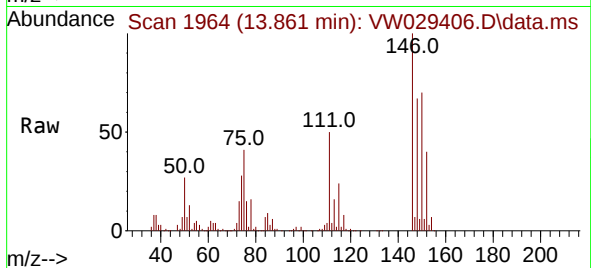
Tgt Ion:146 Resp: 124512

Ion Ratio Lower Upper

146 100

111 49.8 34.2 51.4

148 66.7 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 30.497 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

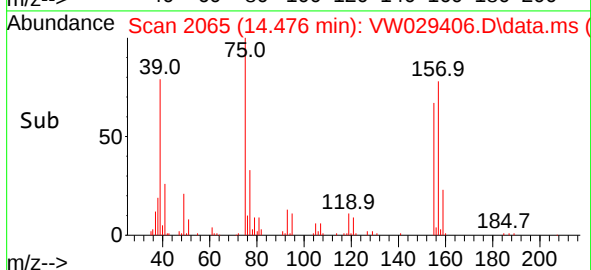
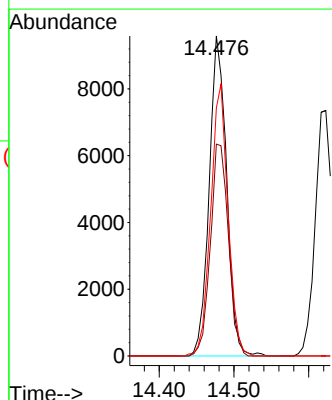
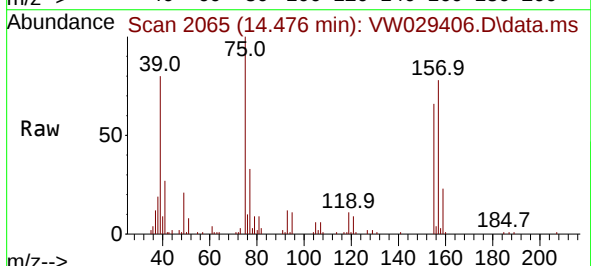
Tgt Ion: 75 Resp: 15503

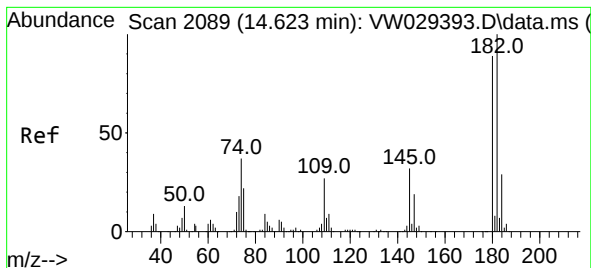
Ion Ratio Lower Upper

75 100

155 66.2 51.0 76.6

157 77.5 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 14.441 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

Instrument :

MSVOA_W

ClientSampleId :

A4CE1MSD

Tgt Ion:180 Resp: 56125

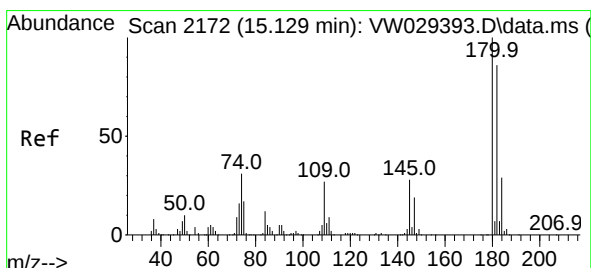
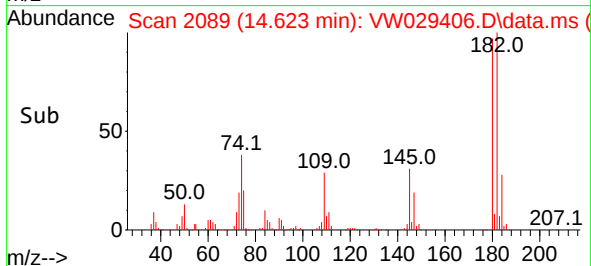
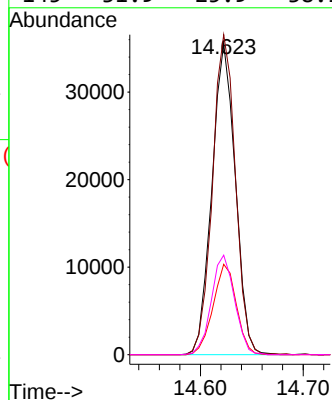
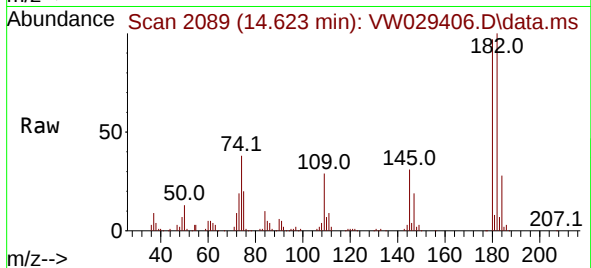
Ion Ratio Lower Upper

180 100

182 100.7 72.9 109.3

184 29.0 23.8 35.6

145 31.9 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 13.560 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

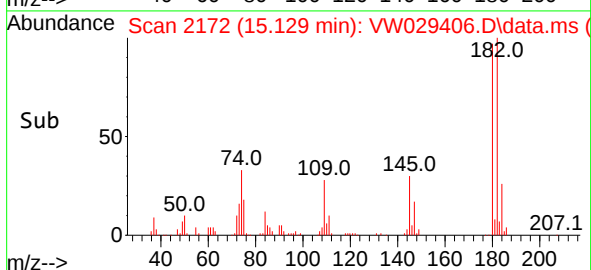
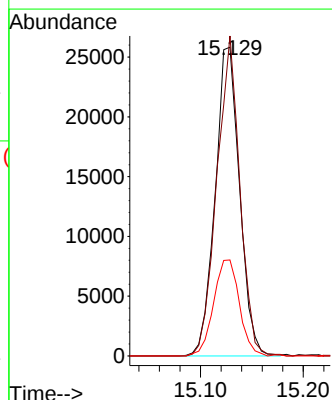
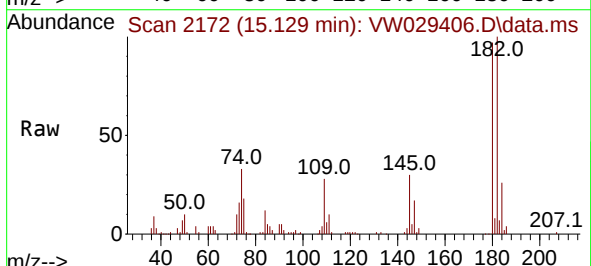
Tgt Ion:180 Resp: 42721

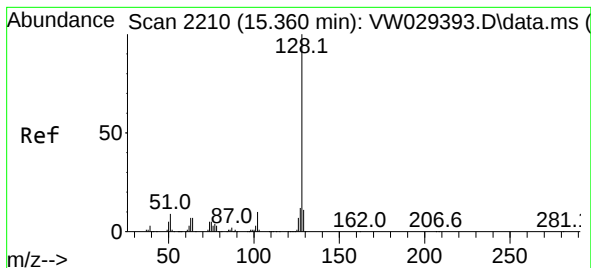
Ion Ratio Lower Upper

180 100

182 96.9 77.7 116.5

145 32.7 25.7 38.5





#71

Naphthalene

Concen: 19.768 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

Instrument :

MSVOA_W

ClientSampleId :

A4CE1MSD

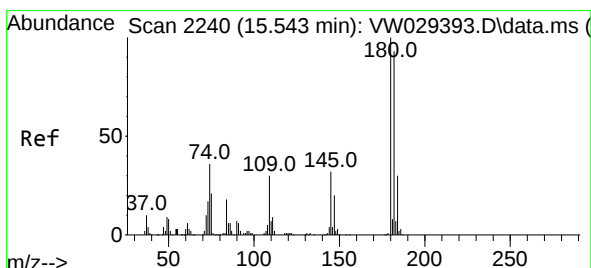
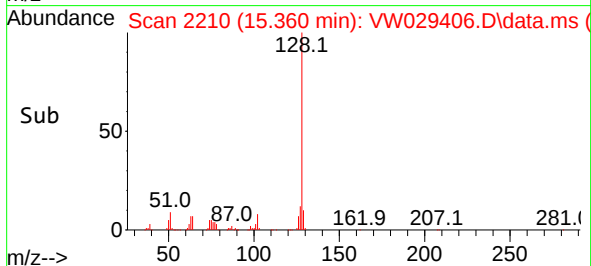
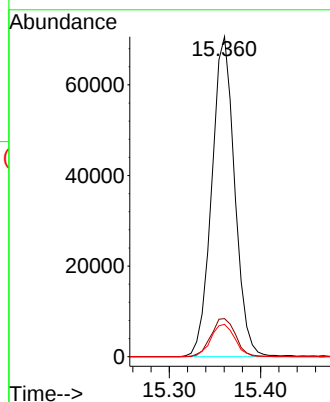
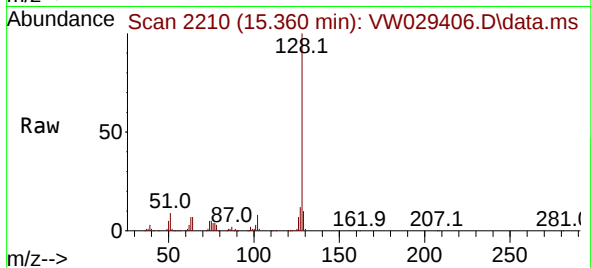
Tgt Ion:128 Resp: 122921

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.7 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 12.943 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029406.D

Acq: 28 Jun 2024 18:22

Tgt Ion:180 Resp: 37156

Ion Ratio Lower Upper

180 100

182 92.4 73.0 109.6

145 35.2 28.1 42.1

