

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
 Data File : VW029402.D
 Acq On : 28 Jun 2024 16:46
 Operator : SY/MD
 Sample : P3101-04MSD
 Misc : 5.70g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CD6MSD

Quant Time: Jun 29 02:13:13 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	366491	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	273438	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	94726	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	80235	15.817	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.280%
7) Chloroethane-d5	2.893	69	69272	16.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.680%
11) 1,1-Dichloroethene-d2	4.021	65	39372	16.075	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.320%
21) 2-Butanone-d5	7.075	46	60767	40.040	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.080%
24) Chloroform-d	7.648	84	200690	18.357	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.440%
26) 1,2-Dichloroethane-d4	8.307	65	114435	18.231	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.920%
32) Benzene-d6	8.276	84	367539	22.129	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.520%
36) 1,2-Dichloropropane-d6	9.270	67	121322	22.980	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.920%
41) Toluene-d8	10.325	98	294893	20.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.280%
43) trans-1,3-Dichloroprop...	10.575	79	38949	18.307	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.240%
47) 2-Hexanone-d5	10.922	63	34579	41.781	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86295	20.537	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.160%
66) 1,2-Dichlorobenzene-d4	13.849	152	61102	18.583	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.320%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	68750	19.228	ug/L	100
3) Chloromethane	2.223	50	98077	19.237	ug/L	98
5) Vinyl chloride	2.375	62	115990	19.811	ug/L	98
6) Bromomethane	2.790	94	59520	16.914	ug/L	91
8) Chloroethane	2.936	64	77267	21.577	ug/L	98
9) Trichlorofluoromethane	3.271	101	109864	24.204	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	95570	19.096	ug/L #	92
12) 1,1-Dichloroethene	4.051	96	96181	22.649	ug/L #	71
13) Acetone	4.119	43	45053	34.931	ug/L	97
14) Carbon disulfide	4.393	76	251467	18.140	ug/L	99
15) Methyl Acetate	4.667	43	47159	18.418	ug/L	98
16) Methylene chloride	4.917	84	120847	18.753	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	105807	22.436	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	203669	26.993	ug/L	98
19) 1,1-Dichloroethane	6.216	63	242408	23.799	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	121094	23.285	ug/L	92
22) 2-Butanone	7.167	43	73273	41.444	ug/L	98
23) Bromochloromethane	7.514	128	53339	23.040	ug/L	96
25) Chloroform	7.679	83	234430	23.570	ug/L	98

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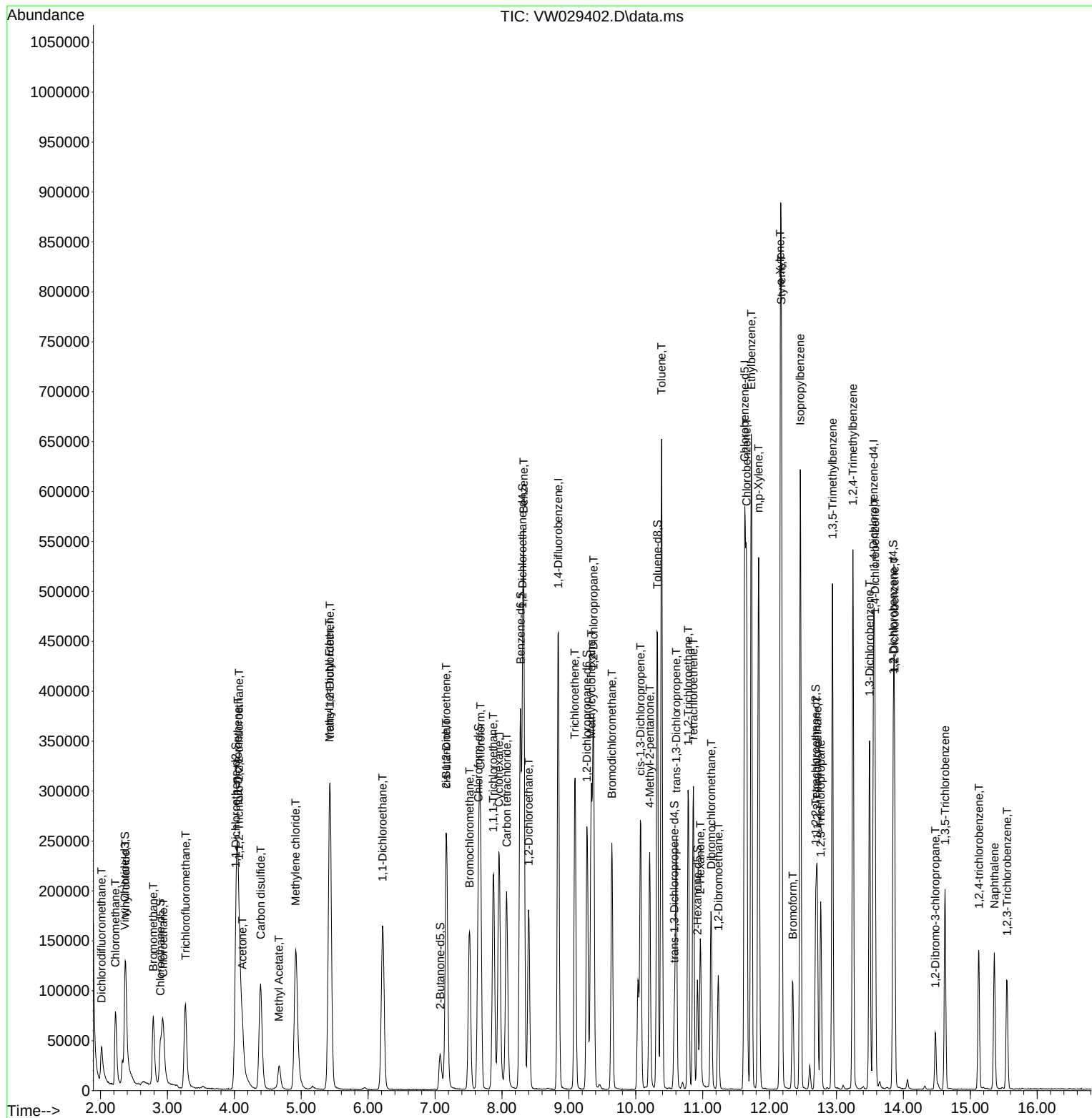
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	164658	22.447	ug/L	99
29) Cyclohexane	7.953	56	137625	22.016	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	175102	28.798	ug/L	97
31) Carbon tetrachloride	8.069	117	149091	26.842	ug/L	95
33) Benzene	8.325	78	467109	28.431	ug/L	100
34) Trichloroethene	9.087	95	112640	25.698	ug/L	97
35) Methylcyclohexane	9.337	83	107657	15.617	ug/L	98
37) 1,2-Dichloropropane	9.368	63	136120	29.485	ug/L	98
38) Bromodichloromethane	9.642	83	161409	28.595	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	151729	23.250	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	161174	56.327	ug/L	98
42) Toluene	10.386	91	451495	26.731	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	131197	23.809	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	89350	27.789	ug/L	96
46) Tetrachloroethene	10.861	164	63145	20.608	ug/L	88
48) 2-Hexanone	10.965	43	96292	47.425	ug/L	98
49) Dibromochloromethane	11.130	129	90827	27.023	ug/L	100
50) 1,2-Dibromoethane	11.233	107	74142	25.688	ug/L	97
51) Chlorobenzene	11.654	112	251441	22.925	ug/L	95
52) Ethylbenzene	11.727	91	448799	23.408	ug/L	97
53) m,p-Xylene	11.837	106	160107	22.862	ug/L	97
54) o-Xylene	12.160	106	159052	24.301	ug/L	93
55) Styrene	12.178	104	254781	22.326	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	97407	24.491	ug/L	99
59) Bromoform	12.349	173	46814	36.059	ug/L	98
60) Isopropylbenzene	12.459	105	372157	29.485	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	76534	37.042	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	249613	27.307	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	270854	27.539	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	132126	24.189	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	134639	23.167	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	122236	24.207	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	15110	31.338	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	57630	15.633	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	40165	13.441	ug/L	98
71) Naphthalene	15.360	128	108453	18.388	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	34061	12.509	ug/L	96

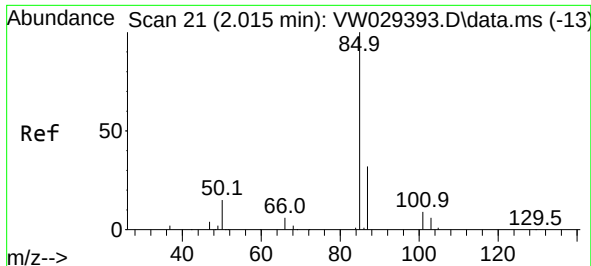
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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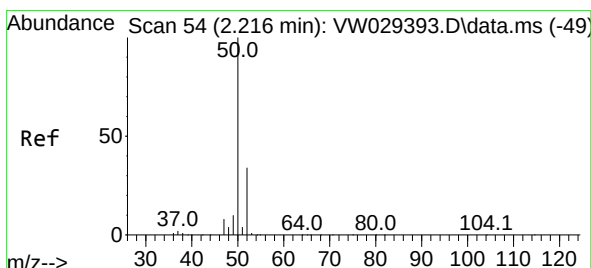
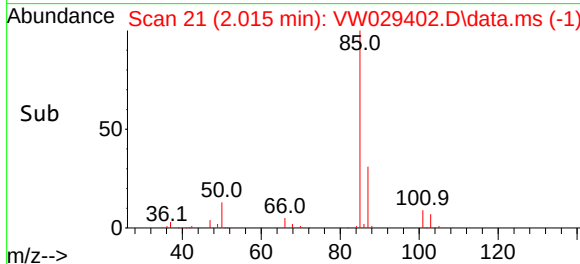
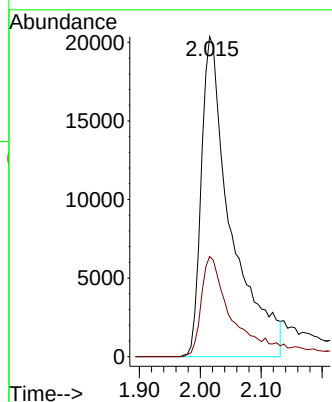
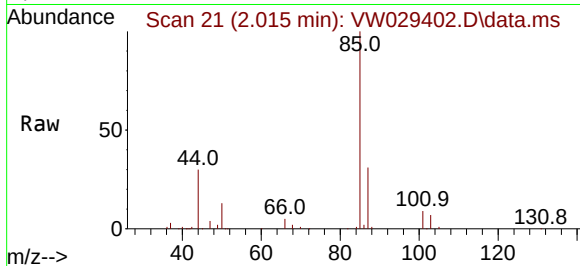




#2
Dichlorodifluoromethane
Concen: 19.228 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

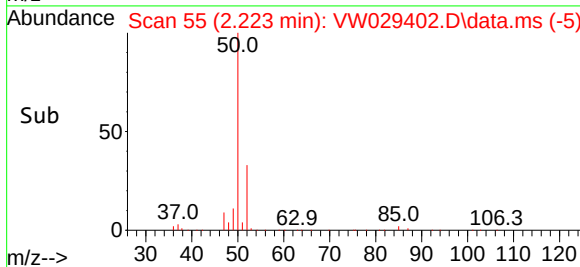
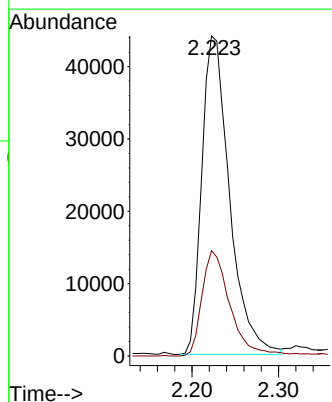
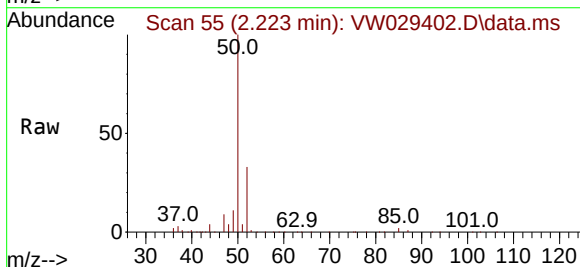
Instrument :
MSVOA_W
ClientSampleId :
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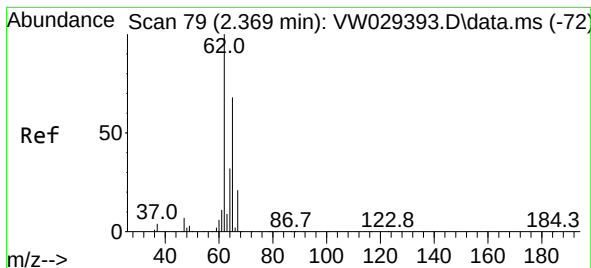
Tgt Ion: 85 Resp: 68750
Ion Ratio Lower Upper
85 100
87 29.7 23.8 35.6



#3
Chloromethane
Concen: 19.237 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.006 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

Tgt Ion: 50 Resp: 98077
Ion Ratio Lower Upper
50 100
52 32.9 22.3 41.5





#5

Vinyl chloride

Concen: 19.811 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.006 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

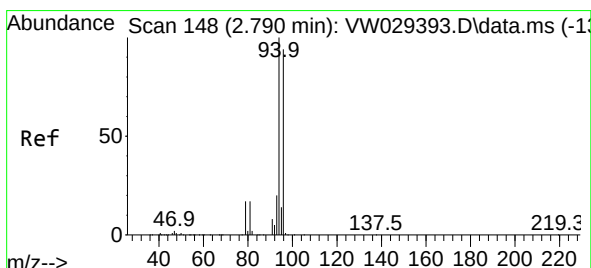
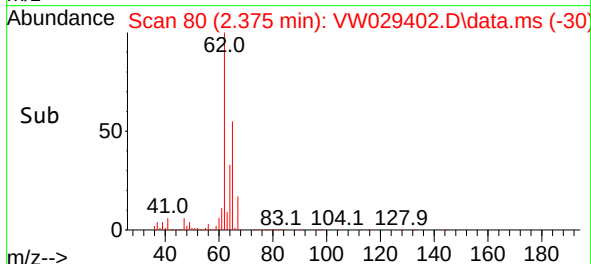
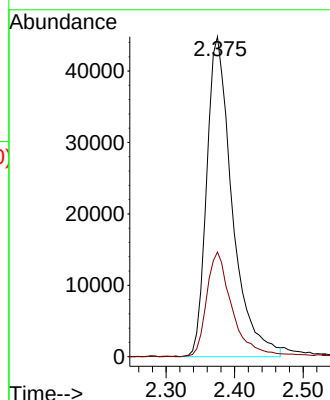
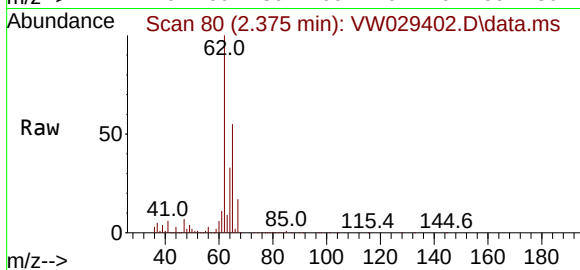
A4CD6MSD

Tgt Ion: 62 Resp: 115990

Ion Ratio Lower Upper

62 100

64 32.7 22.0 40.8



#6

Bromomethane

Concen: 16.914 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW029402.D

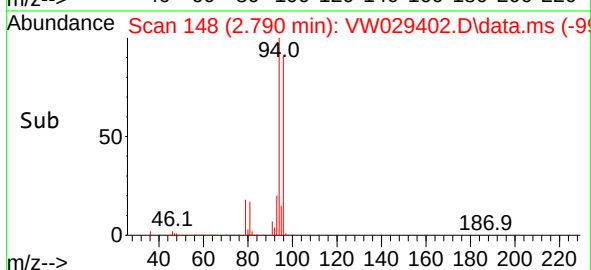
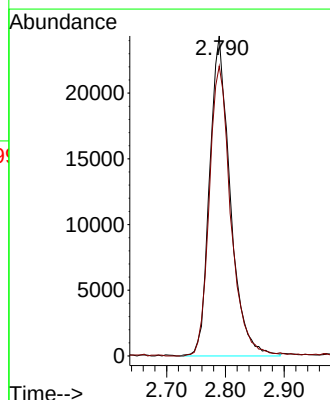
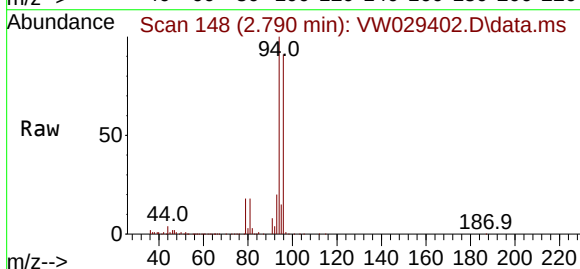
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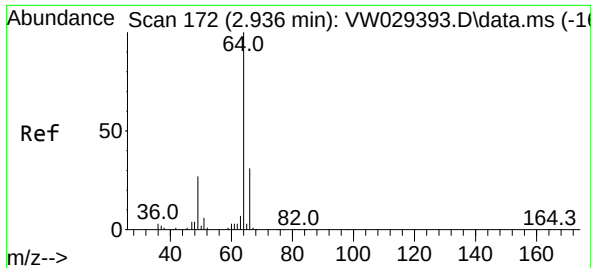
Tgt Ion: 94 Resp: 59520

Ion Ratio Lower Upper

94 100

96 90.6 69.5 129.1

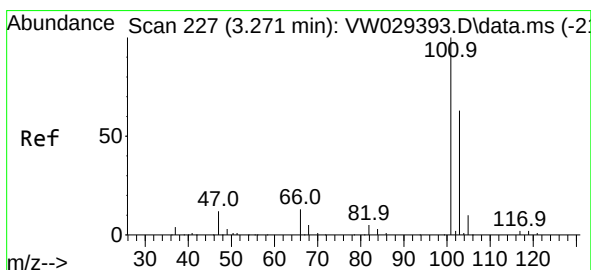
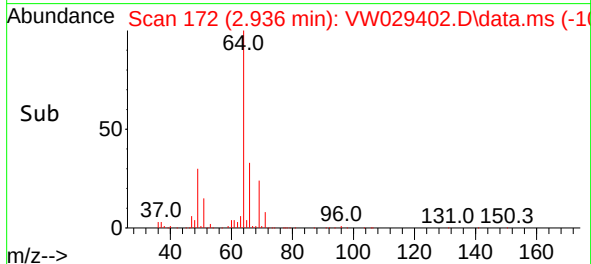
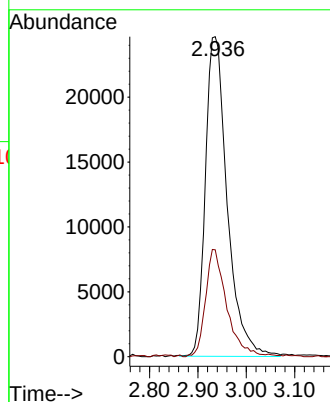
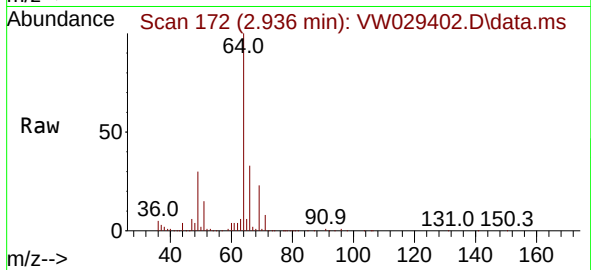




#8
Chloroethane
Concen: 21.577 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

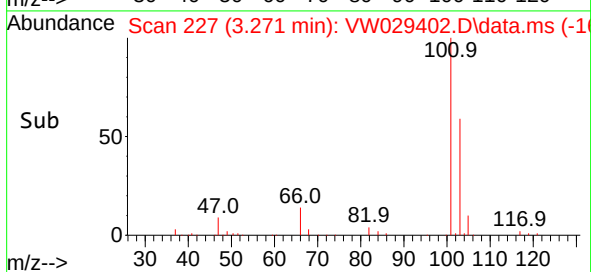
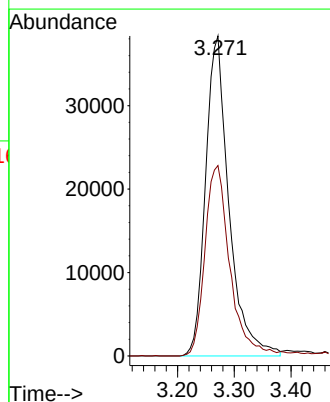
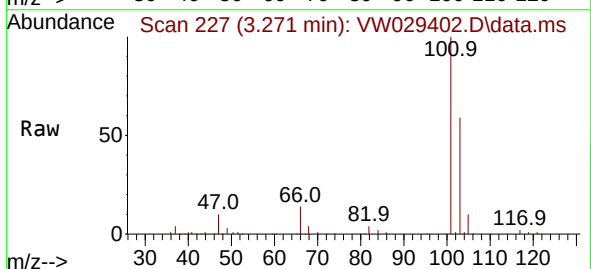
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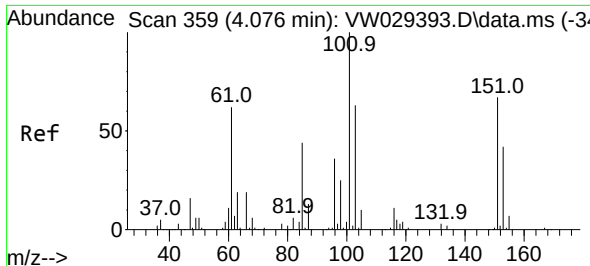
Tgt Ion: 64 Resp: 77267
Ion Ratio Lower Upper
64 100
66 33.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 24.204 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

Tgt Ion:101 Resp: 109864
Ion Ratio Lower Upper
101 100
103 62.6 50.8 76.2

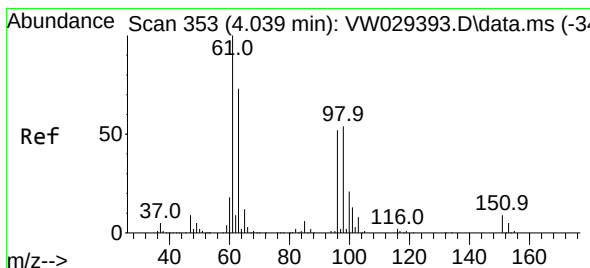
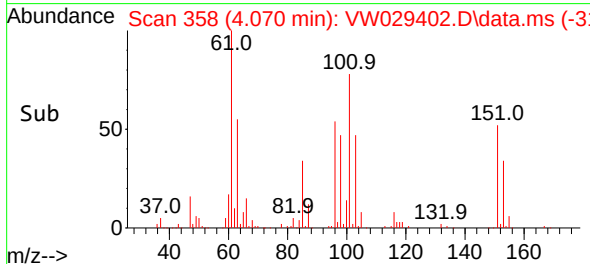
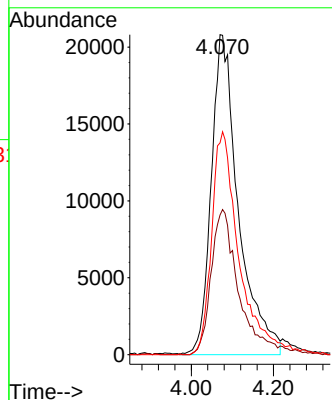
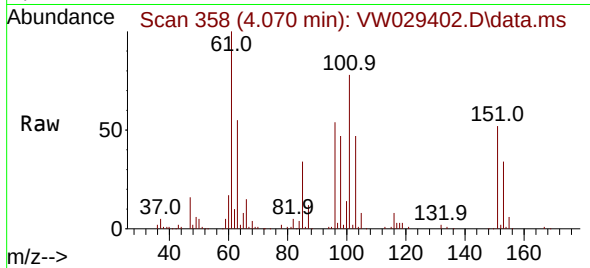




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.096 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.006 min
 Lab File: VW029402.D
 Acq: 28 Jun 2024 16:46

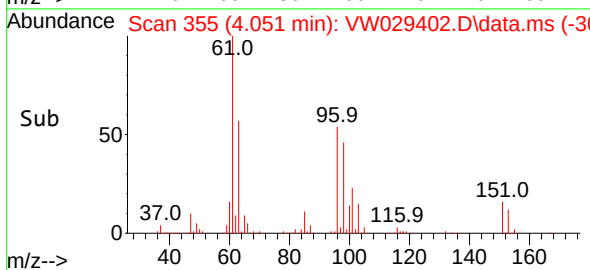
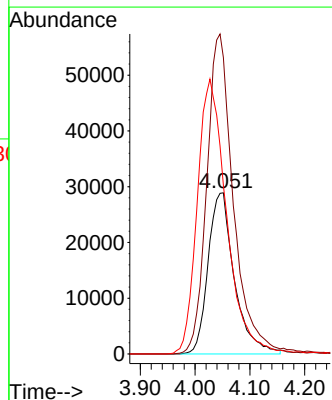
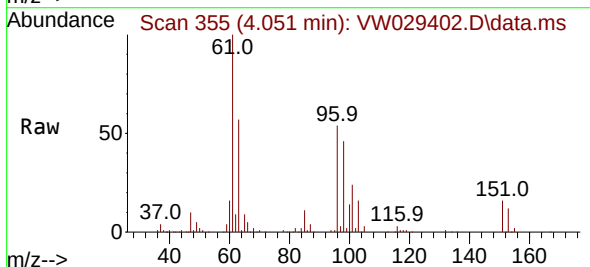
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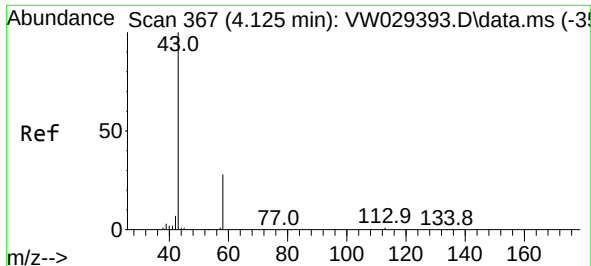
Tgt Ion:101 Resp: 95570
 Ion Ratio Lower Upper
 101 100
 85 45.3 30.2 45.2#
 151 69.4 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 22.649 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.012 min
 Lab File: VW029402.D
 Acq: 28 Jun 2024 16:46

Tgt Ion: 96 Resp: 96181
 Ion Ratio Lower Upper
 96 100
 61 184.0 140.1 260.3
 63 104.6 122.0 226.6#

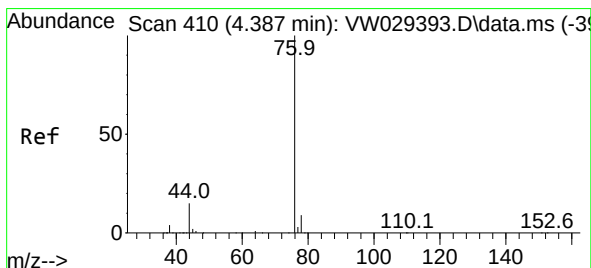
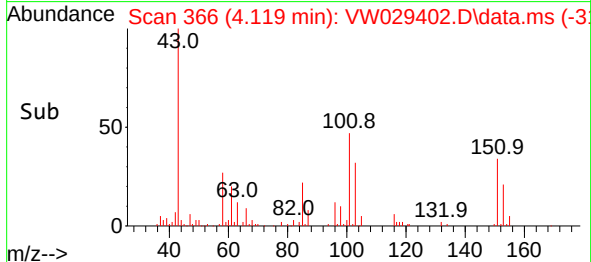
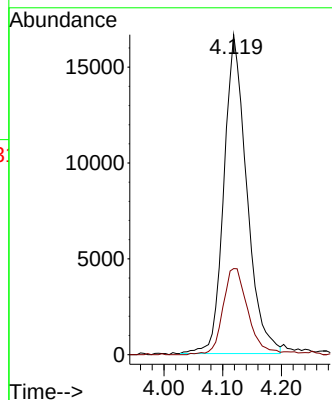
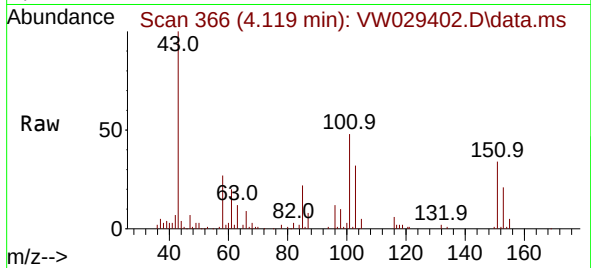




#13
Acetone
Concen: 34.931 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

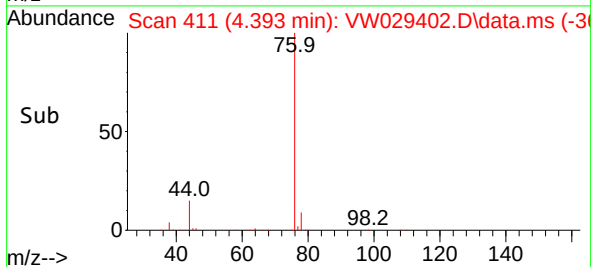
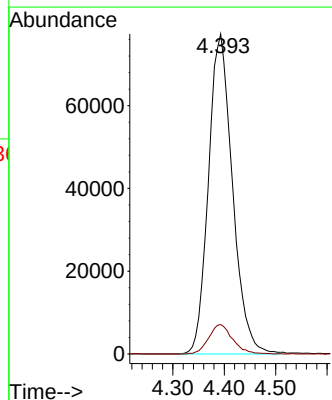
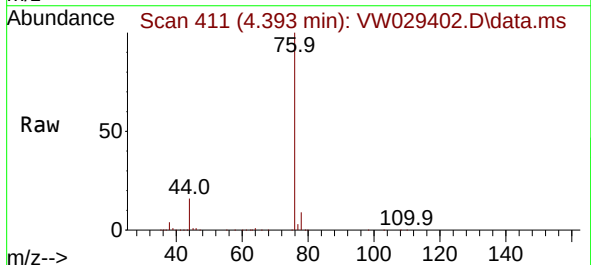
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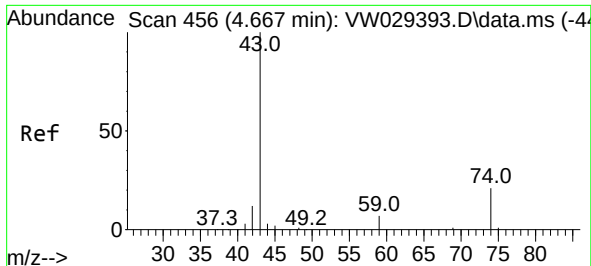
Tgt Ion: 43 Resp: 45053
Ion Ratio Lower Upper
43 100
58 28.8 0.0 61.4



#14
Carbon disulfide
Concen: 18.140 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 251467
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

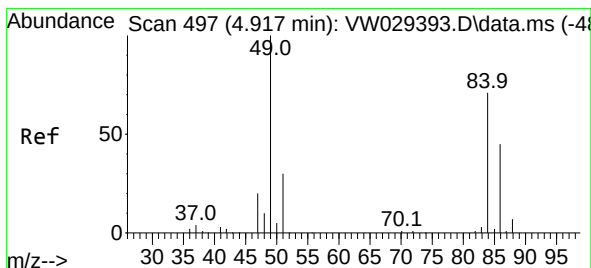
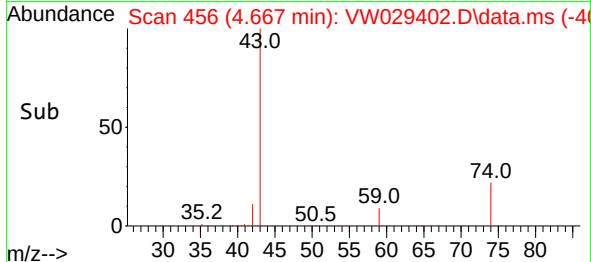
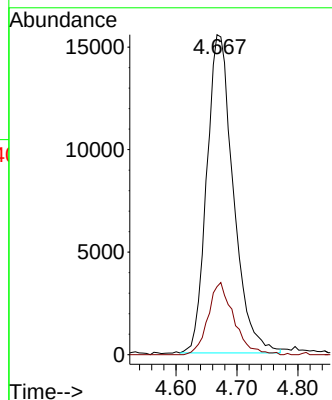
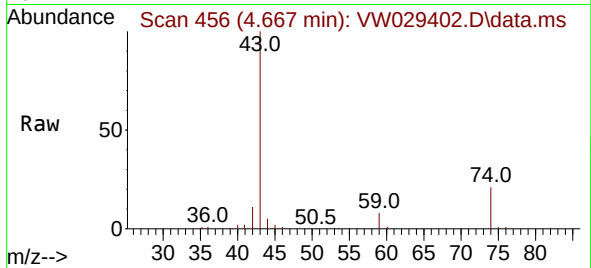




#15
Methyl Acetate
Concen: 18.418 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

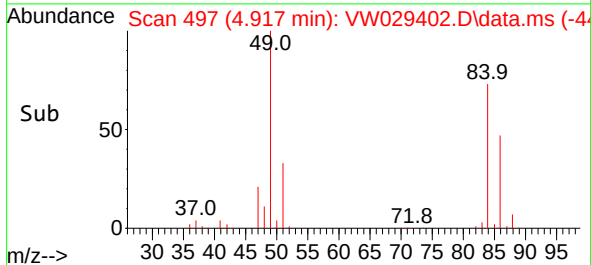
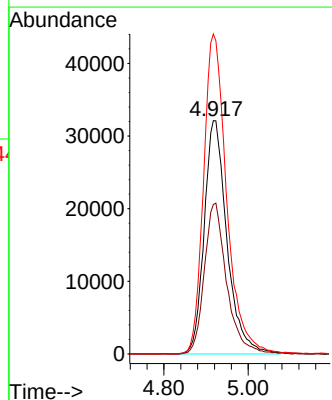
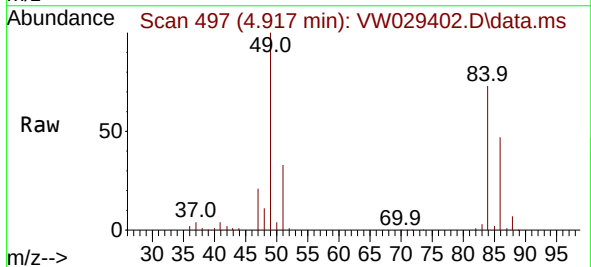
Instrument :
MSVOA_W
ClientSampleId :
A4CD6MSD

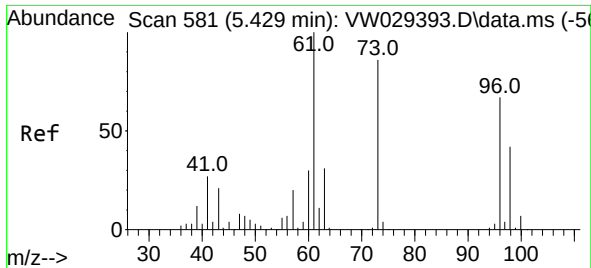
Tgt Ion: 43 Resp: 47159
Ion Ratio Lower Upper
43 100
74 21.7 16.6 25.0



#16
Methylene chloride
Concen: 18.753 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

Tgt Ion: 84 Resp: 120847
Ion Ratio Lower Upper
84 100
86 64.0 41.4 77.0
49 137.2 95.7 177.7

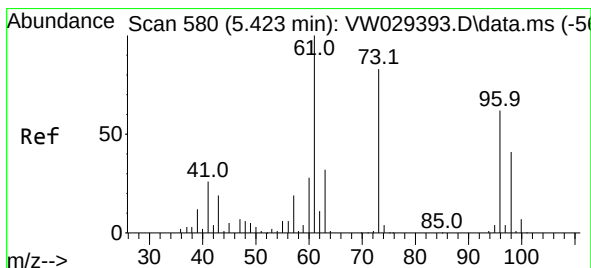
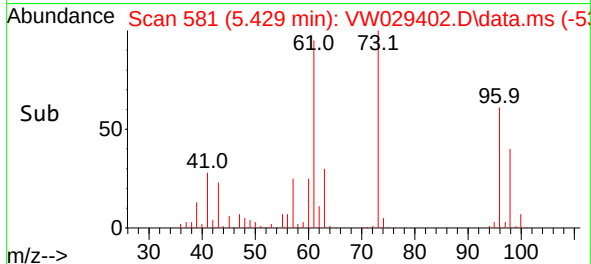
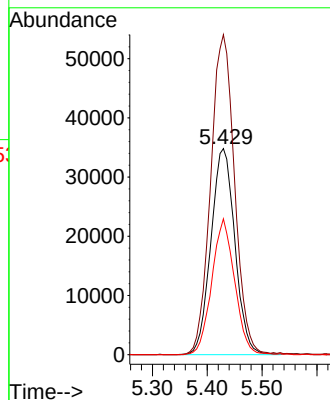
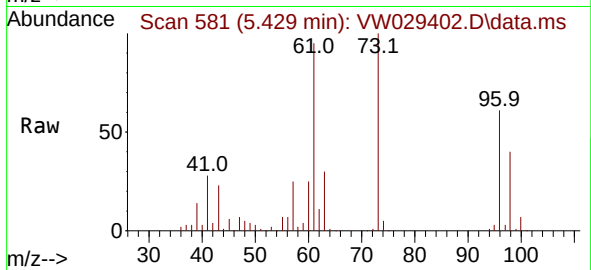




#17
trans-1,2-Dichloroethene
Concen: 22.436 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

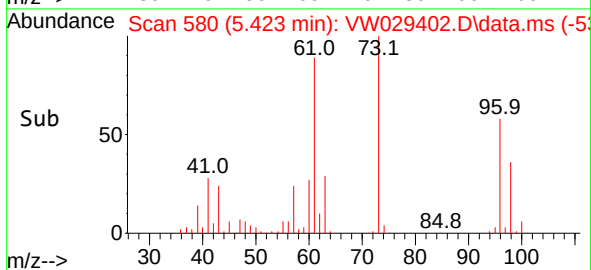
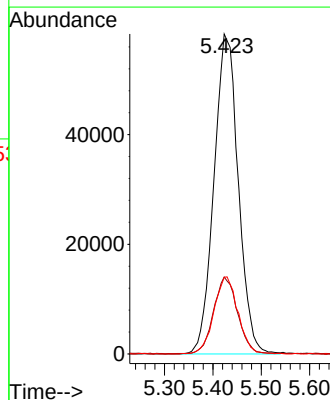
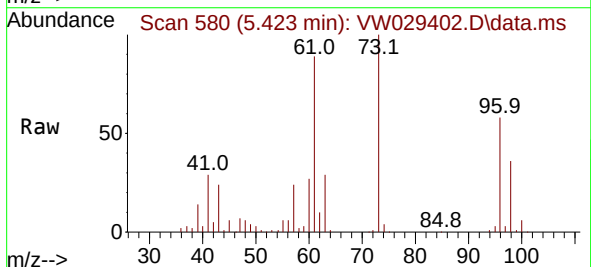
Instrument :
MSVOA_W
ClientSampleId :
A4CD6MSD

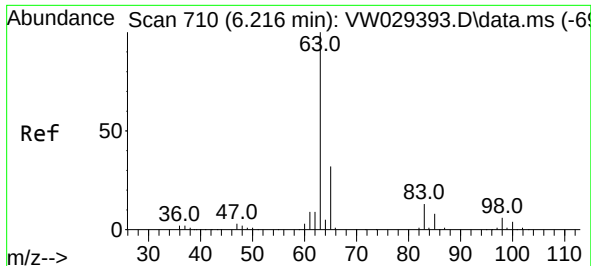
Tgt Ion: 96 Resp: 105807
Ion Ratio Lower Upper
96 100
61 155.2 101.5 188.5
98 65.9 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 26.993 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

Tgt Ion: 73 Resp: 203669
Ion Ratio Lower Upper
73 100
43 23.4 19.5 29.3
57 23.8 18.4 27.6





#19

1,1-Dichloroethane

Concen: 23.799 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

A4CD6MSD

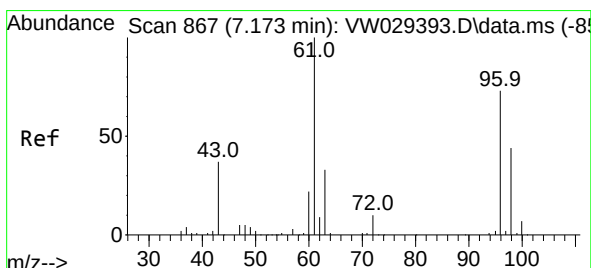
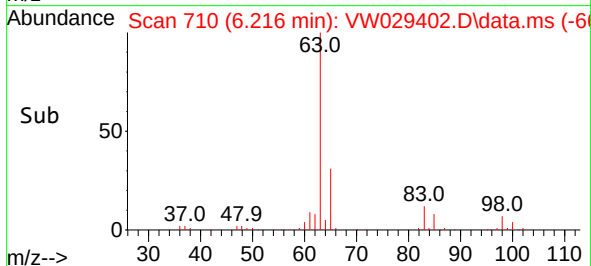
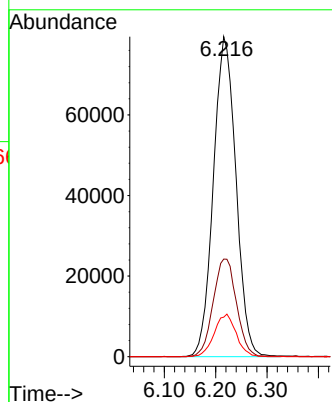
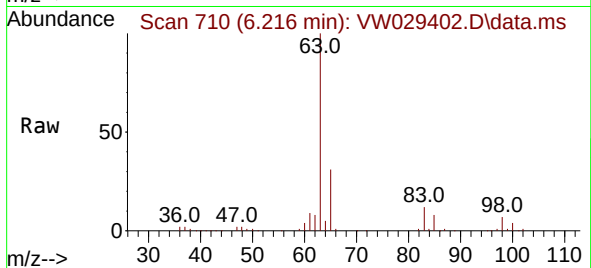
Tgt Ion: 63 Resp: 242408

Ion Ratio Lower Upper

63 100

65 30.5 23.4 43.4

83 12.4 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 23.285 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

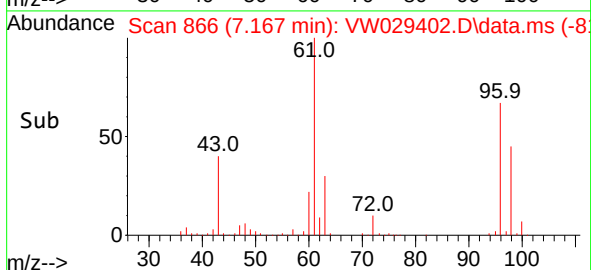
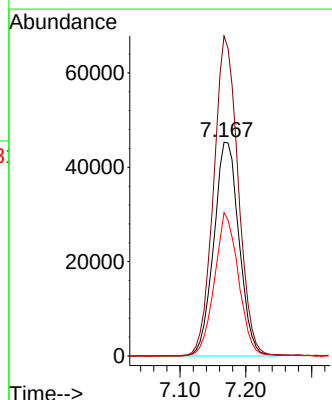
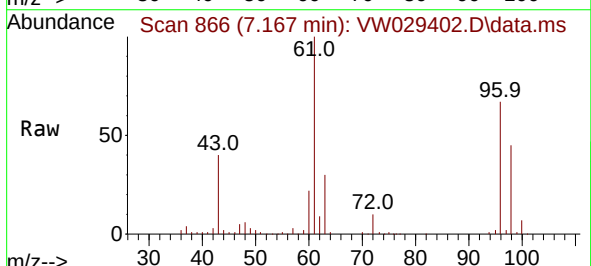
Tgt Ion: 96 Resp: 121094

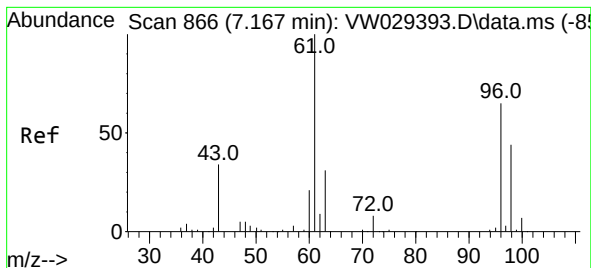
Ion Ratio Lower Upper

96 100

61 149.7 97.8 181.6

98 67.1 43.0 79.8





#22

2-Butanone

Concen: 41.444 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

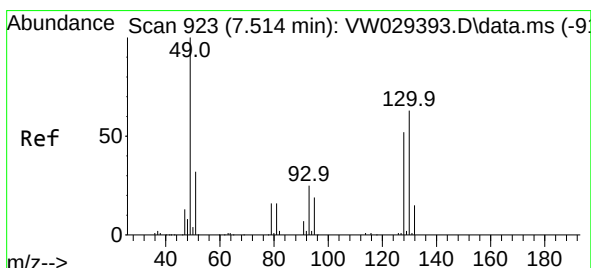
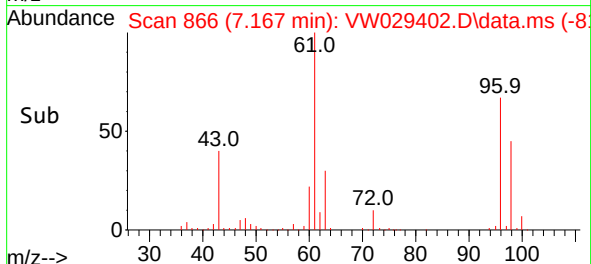
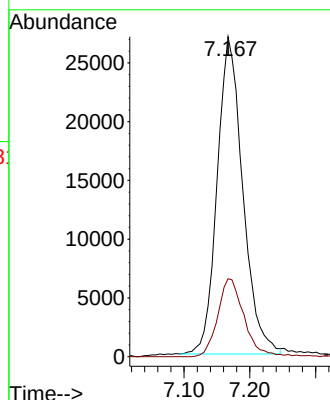
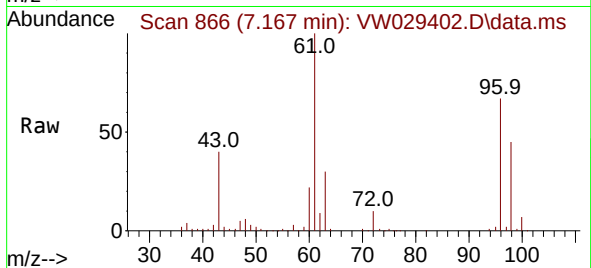
A4CD6MSD

Tgt Ion: 43 Resp: 73273

Ion Ratio Lower Upper

43 100

72 25.0 11.9 35.7



#23

Bromochloromethane

Concen: 23.040 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Tgt Ion: 128 Resp: 53339

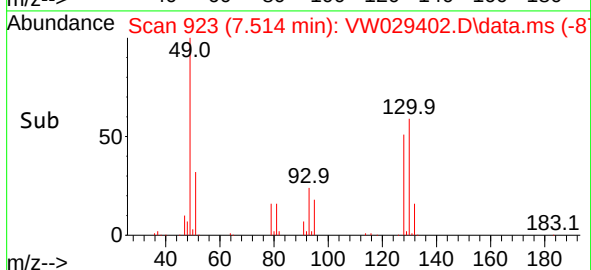
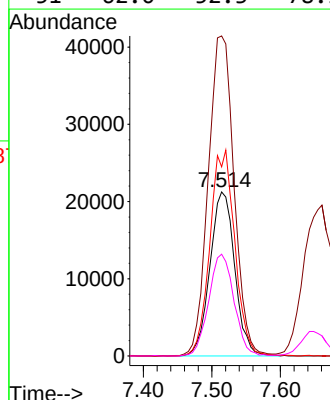
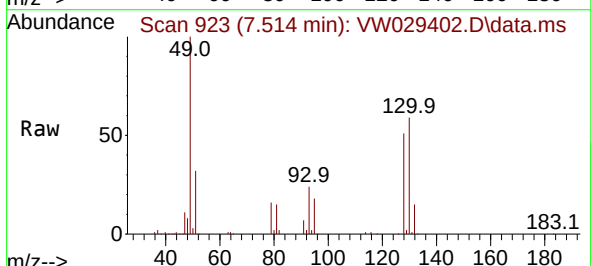
Ion Ratio Lower Upper

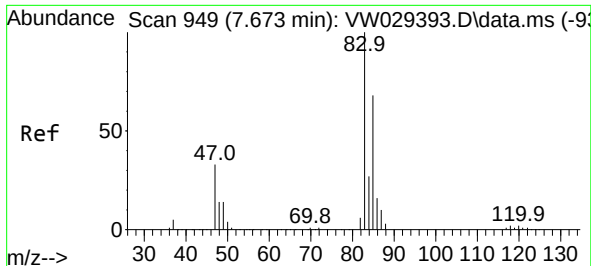
128 100

49 195.1 142.6 264.8

130 115.4 79.7 148.1

51 62.0 52.3 78.5

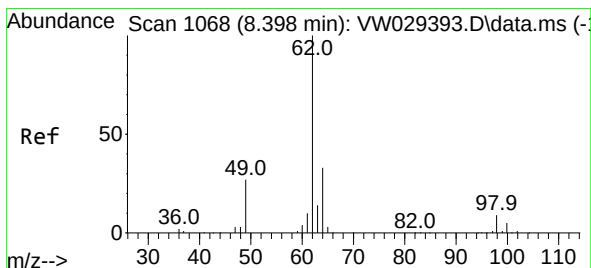
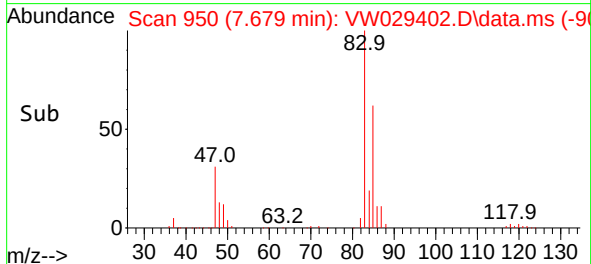
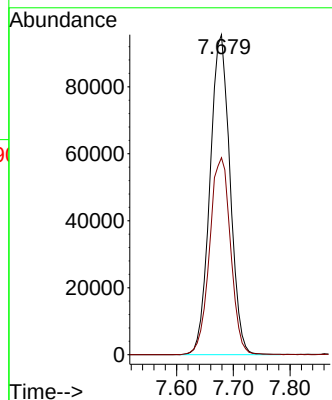
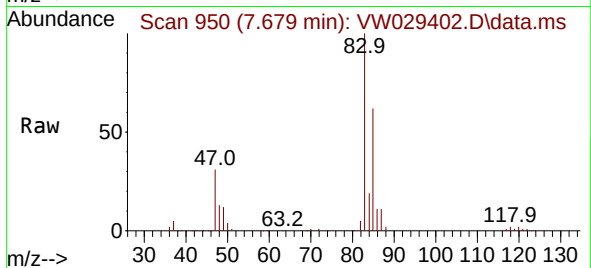




#25
Chloroform
Concen: 23.570 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

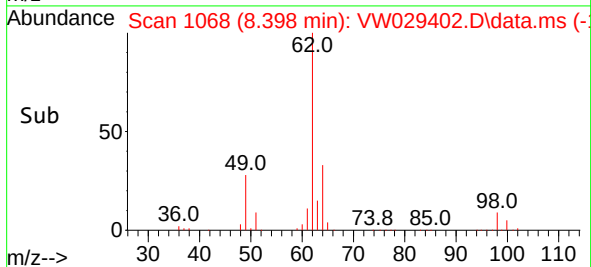
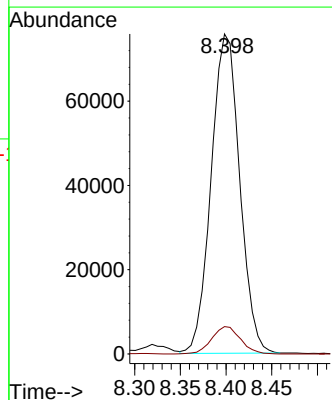
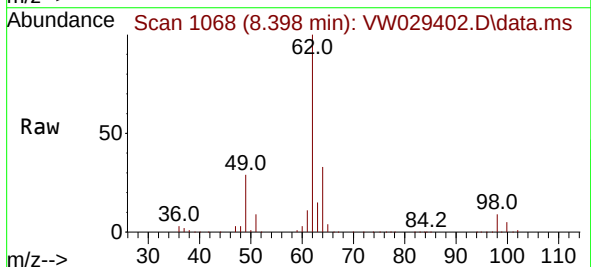
Instrument :
MSVOA_W
ClientSampleId :
A4CD6MSD

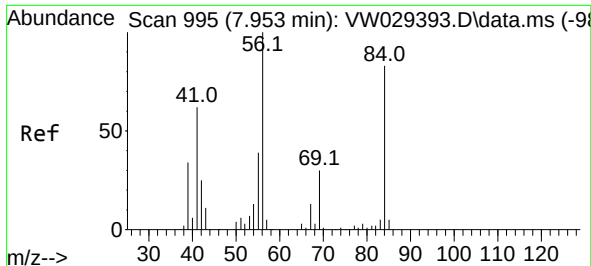
Tgt Ion: 83 Resp: 234430
Ion Ratio Lower Upper
83 100
85 61.5 44.4 82.4



#27
1,2-Dichloroethane
Concen: 22.447 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

Tgt Ion: 62 Resp: 164658
Ion Ratio Lower Upper
62 100
98 8.6 6.6 10.0

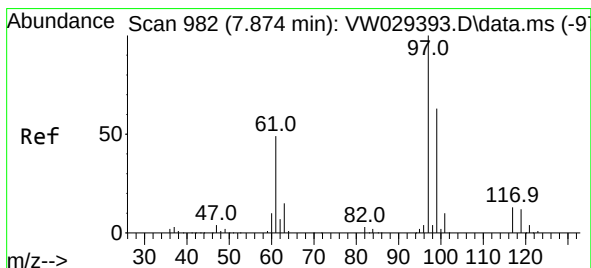
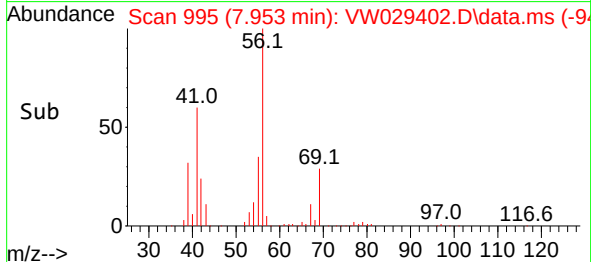
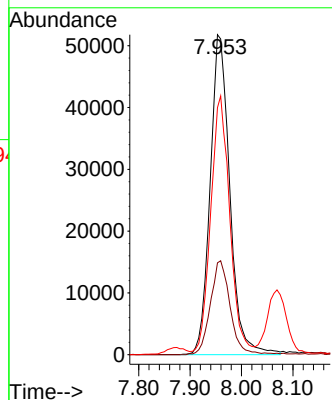
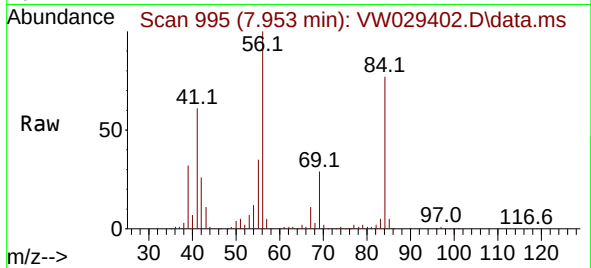




#29
Cyclohexane
Concen: 22.016 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

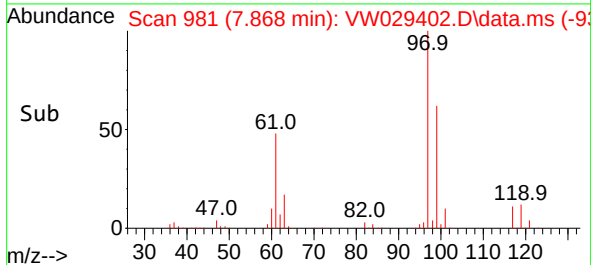
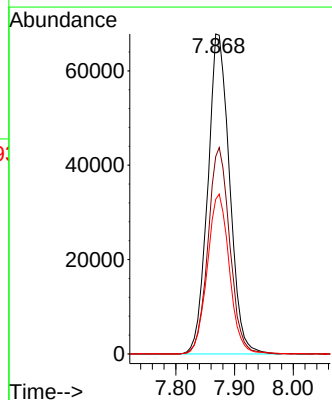
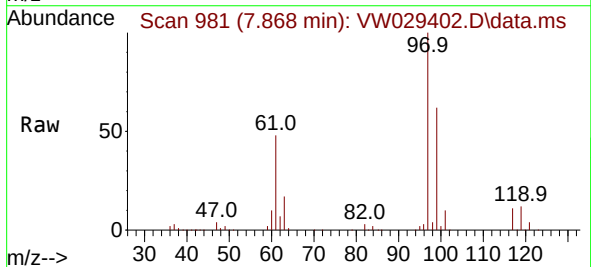
Instrument :
MSVOA_W
ClientSampleId :
A4CD6MSD

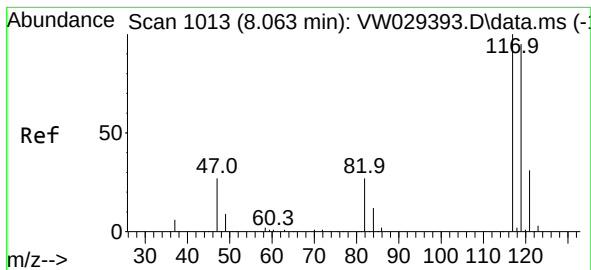
Tgt Ion: 56 Resp: 137625
Ion Ratio Lower Upper
56 100
69 29.2 23.4 35.0
84 78.5 64.5 96.7



#30
1,1,1-Trichloroethane
Concen: 28.798 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

Tgt Ion: 97 Resp: 175102
Ion Ratio Lower Upper
97 100
99 64.4 53.0 79.4
61 50.7 43.0 64.4





#31

Carbon tetrachloride

Concen: 26.842 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

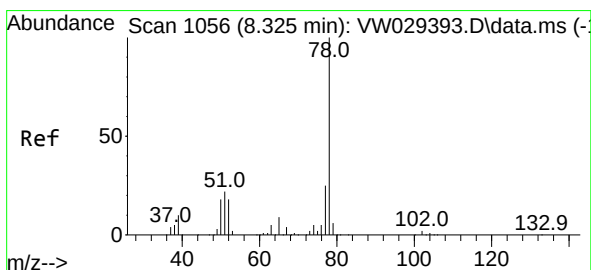
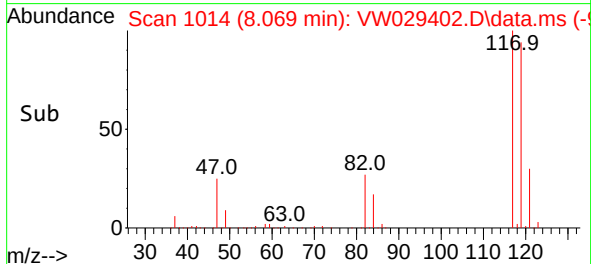
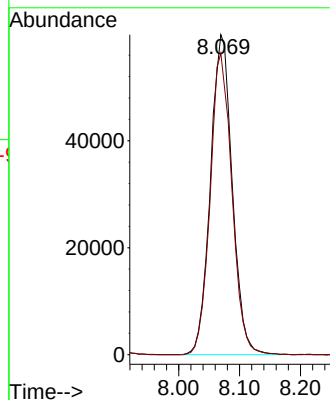
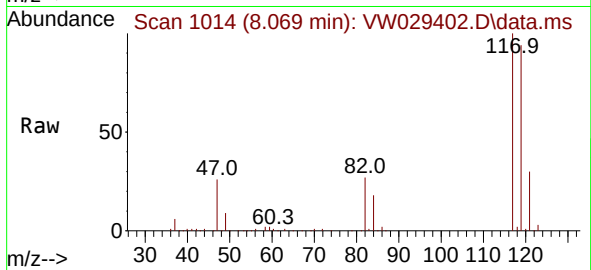
A4CD6MSD

Tgt Ion:117 Resp: 149091

Ion Ratio Lower Upper

117 100

119 93.5 79.0 118.4



#33

Benzene

Concen: 28.431 ug/L

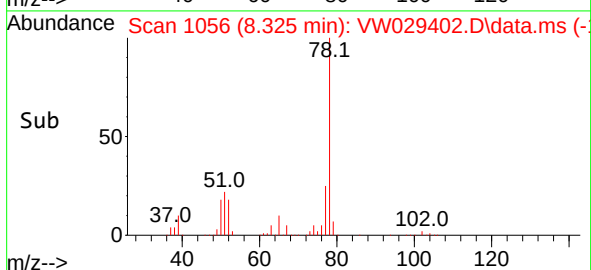
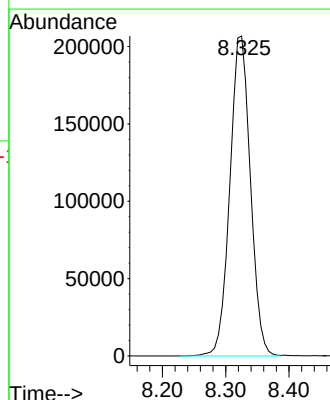
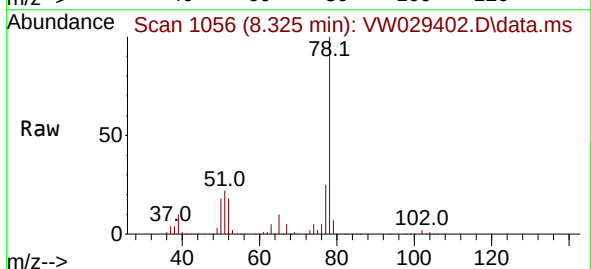
RT: 8.325 min Scan# 1056

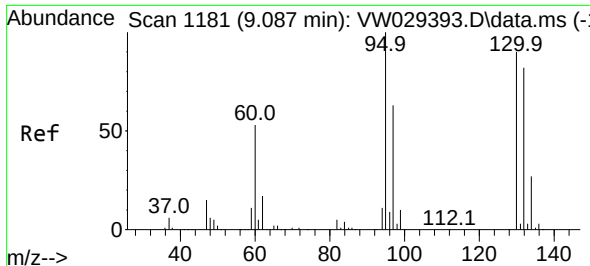
Delta R.T. 0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Tgt Ion: 78 Resp: 467109





#34

Trichloroethene

Concen: 25.698 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

A4CD6MSD

Tgt Ion: 95 Resp: 112640

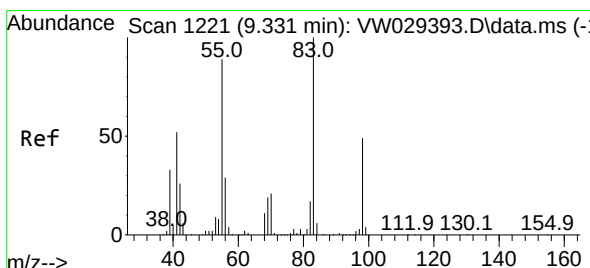
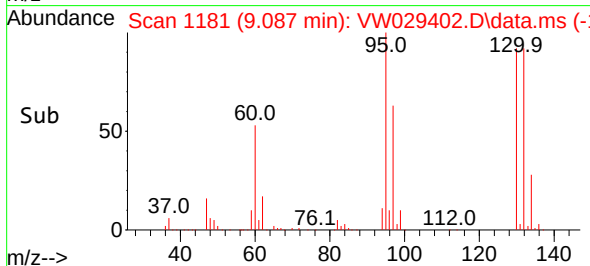
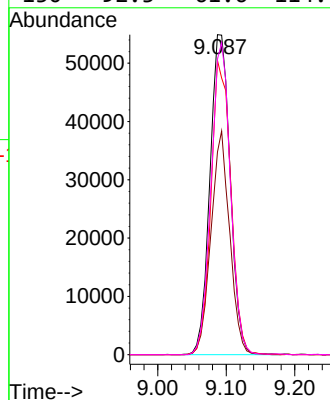
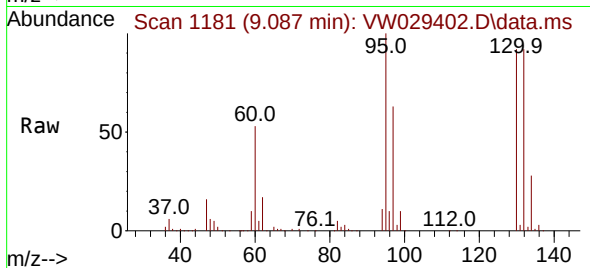
Ion Ratio Lower Upper

95 100

97 63.3 45.7 84.9

132 92.0 66.4 123.4

130 92.3 61.6 114.4



#35

Methylcyclohexane

Concen: 15.617 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

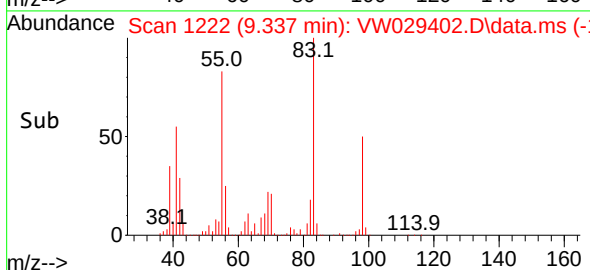
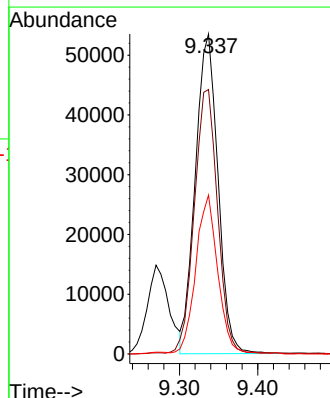
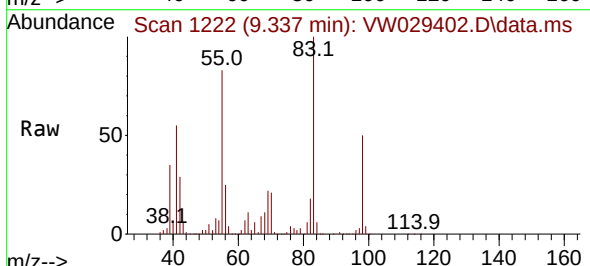
Tgt Ion: 83 Resp: 107657

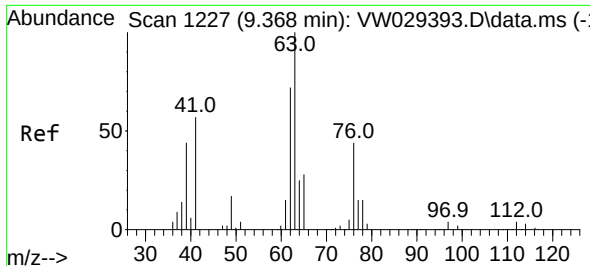
Ion Ratio Lower Upper

83 100

55 84.8 69.5 104.3

98 48.4 38.0 57.0





#37

1,2-Dichloropropane

Concen: 29.485 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

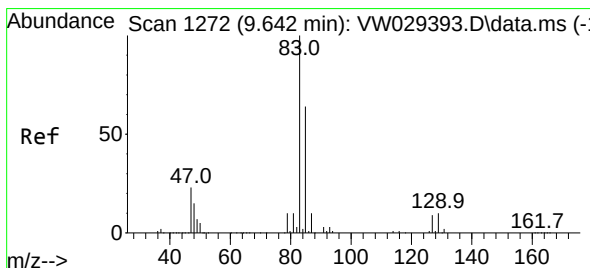
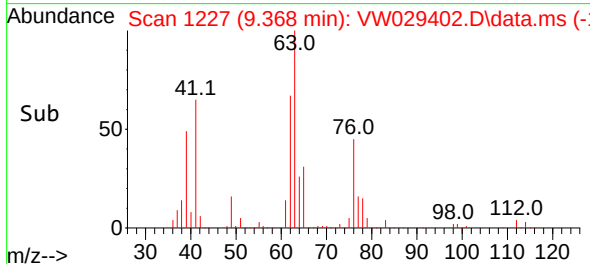
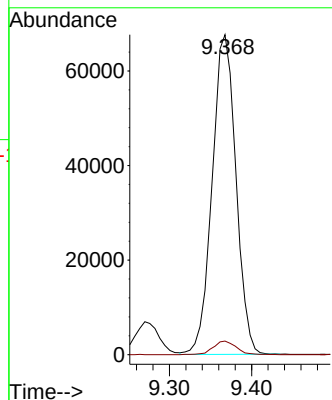
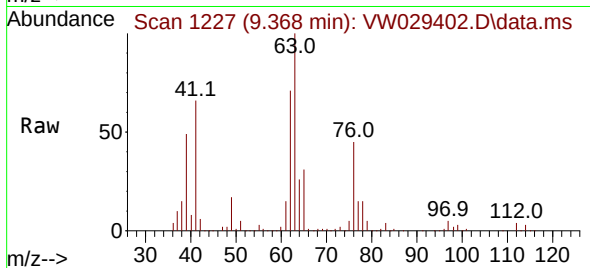
A4CD6MSD

Tgt Ion: 63 Resp: 136120

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 28.595 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

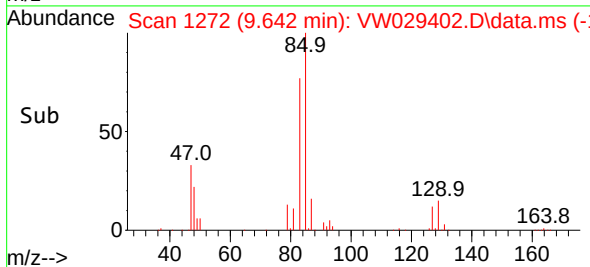
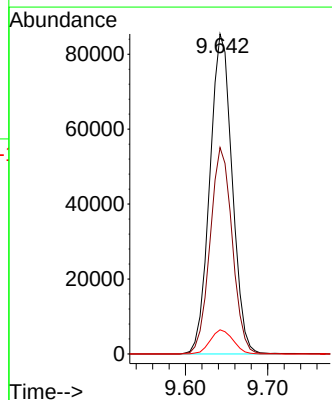
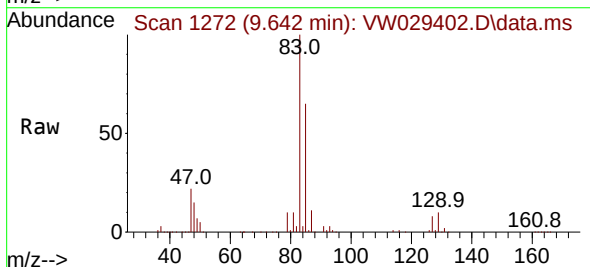
Tgt Ion: 83 Resp: 161409

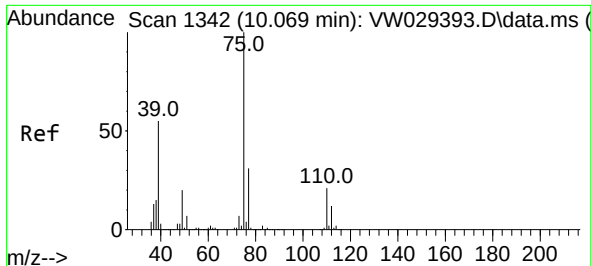
Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.9

127 7.6 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 23.250 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

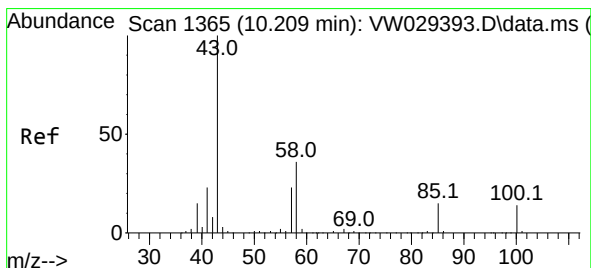
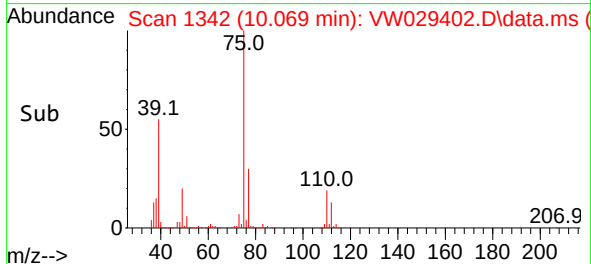
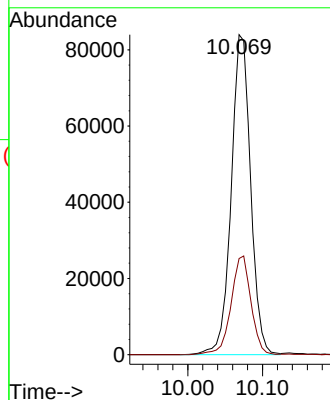
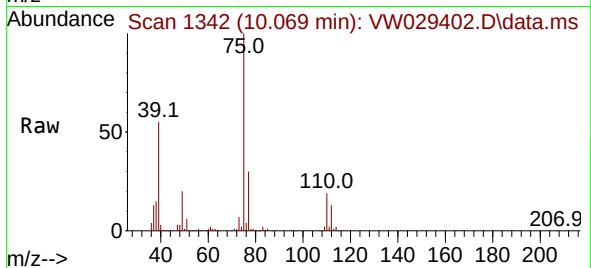
A4CD6MSD

Tgt Ion: 75 Resp: 151729

Ion Ratio Lower Upper

75 100

77 30.0 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 56.327 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

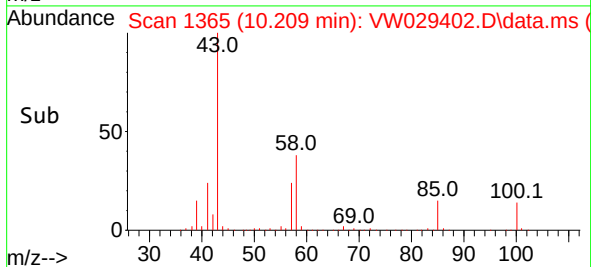
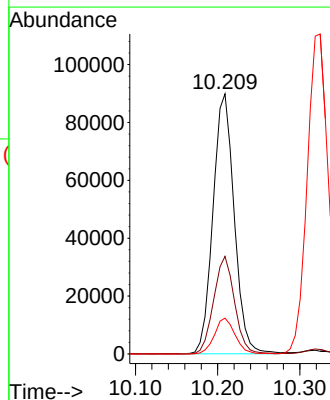
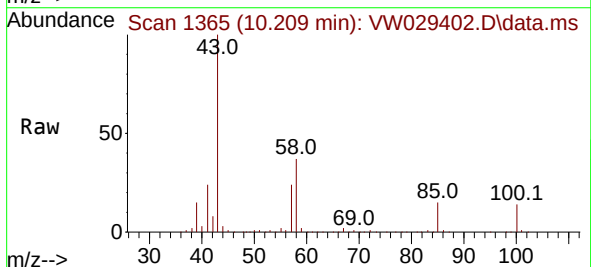
Tgt Ion: 43 Resp: 161174

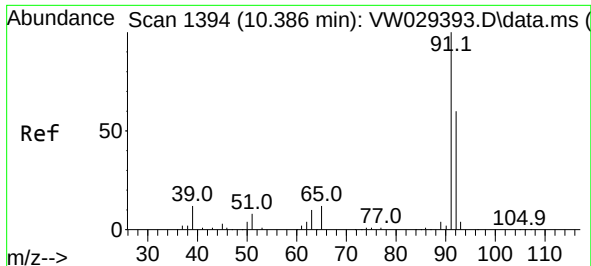
Ion Ratio Lower Upper

43 100

58 37.0 28.2 42.4

100 13.4 11.0 16.4

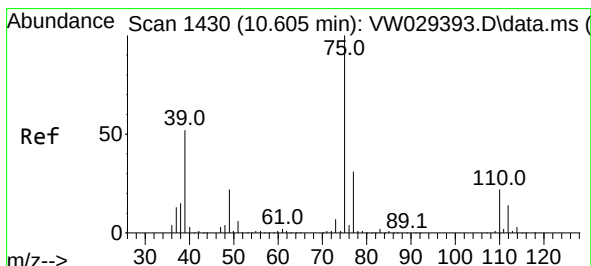
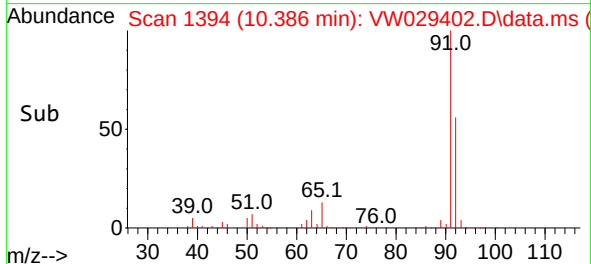
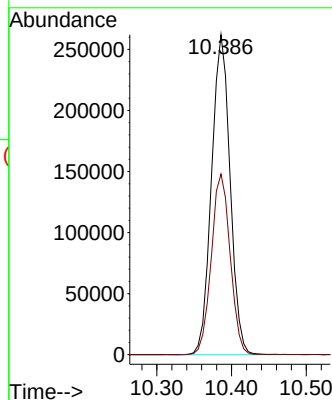
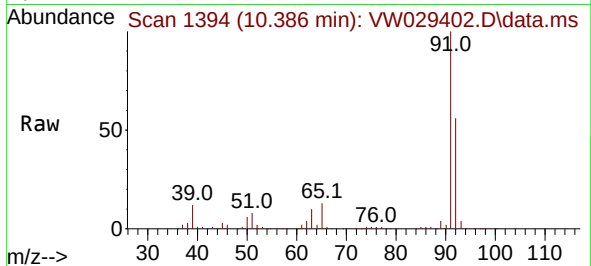




#42
Toluene
Concen: 26.731 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

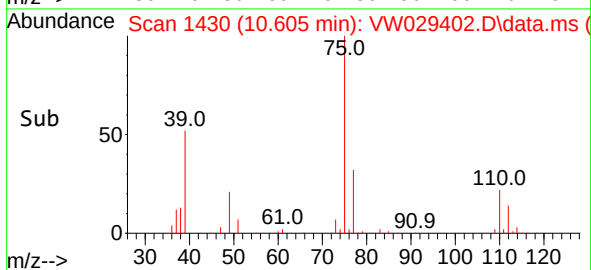
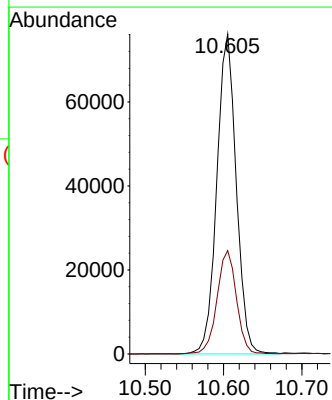
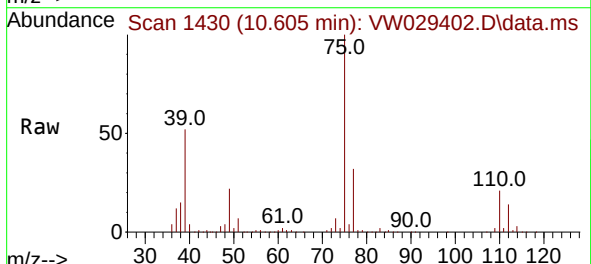
Instrument :
MSVOA_W
ClientSampleId :
A4CD6MSD

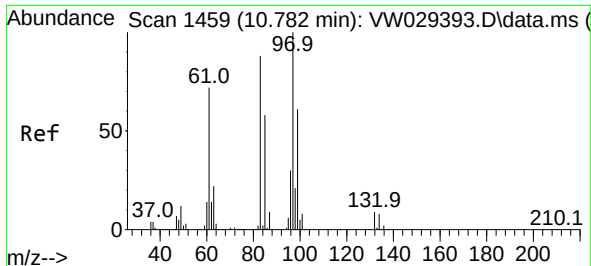
Tgt Ion: 91 Resp: 451495
Ion Ratio Lower Upper
91 100
92 56.4 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 23.809 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

Tgt Ion: 75 Resp: 131197
Ion Ratio Lower Upper
75 100
77 32.3 22.7 42.1

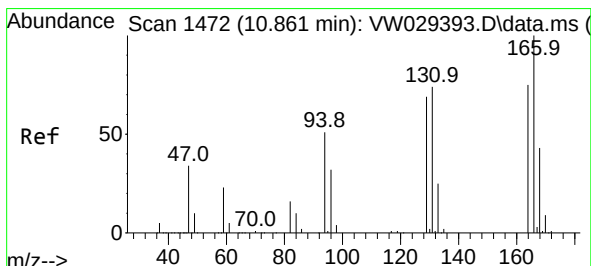
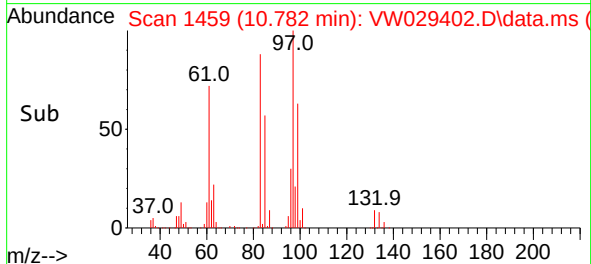
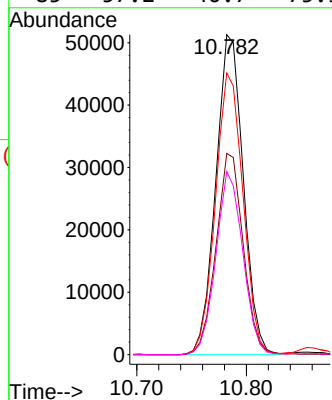
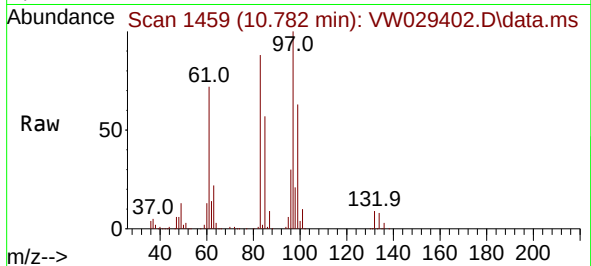




#45
1,1,2-Trichloroethane
Concen: 27.789 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

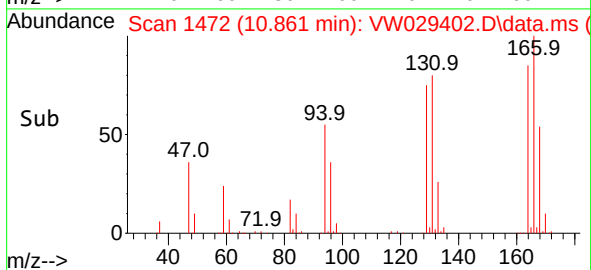
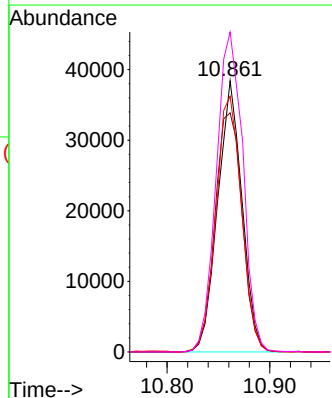
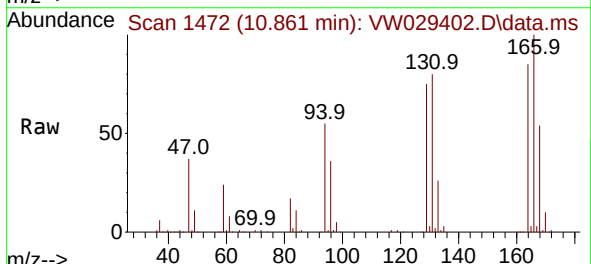
Instrument :
MSVOA_W
ClientSampleId :
A4CD6MSD

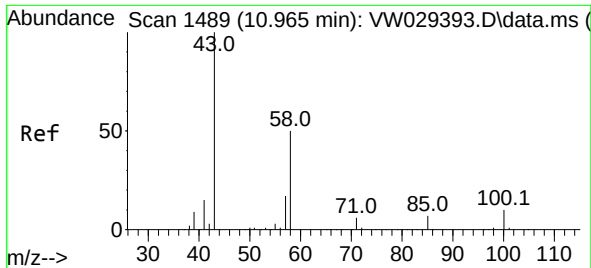
Tgt Ion: 97	Resp: 89350
Ion Ratio	Lower Upper
97 100	
99 62.9	42.3 78.5
83 88.1	57.7 107.1
85 57.2	40.7 75.5



#46
Tetrachloroethene
Concen: 20.608 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

Tgt	Ion:164	Resp:	63145
Ion	Ratio	Lower	Upper
164	100		
129	88.2	68.5	127.3
131	94.3	71.8	133.4
166	118.0	97.2	180.4

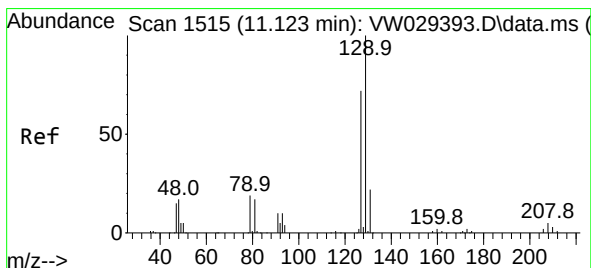
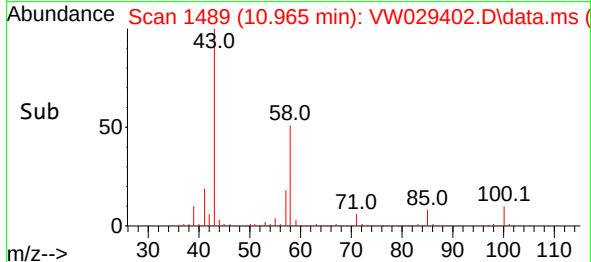
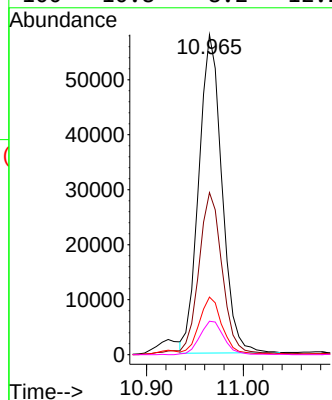
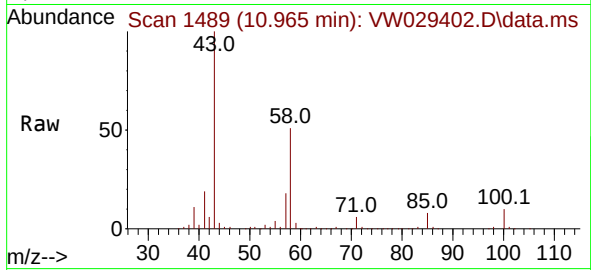




#48
2-Hexanone
Concen: 47.425 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

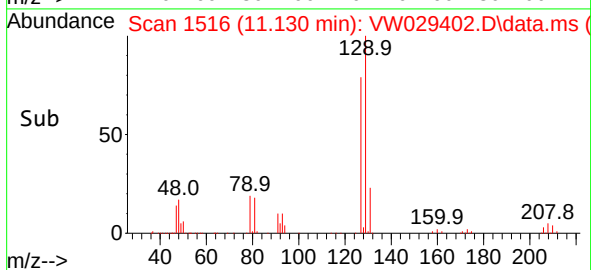
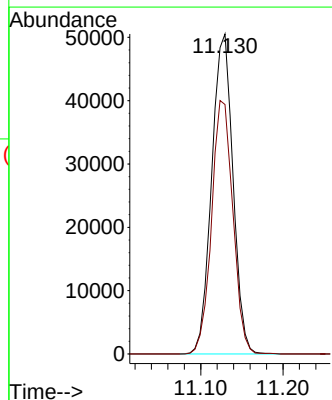
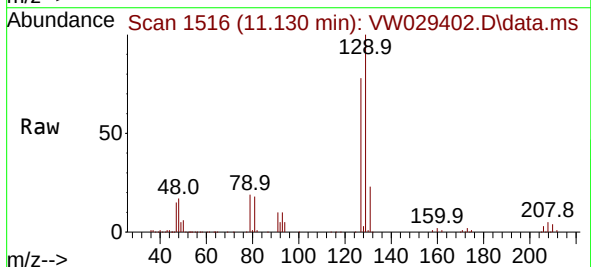
Instrument :
MSVOA_W
ClientSampleId :
A4CD6MSD

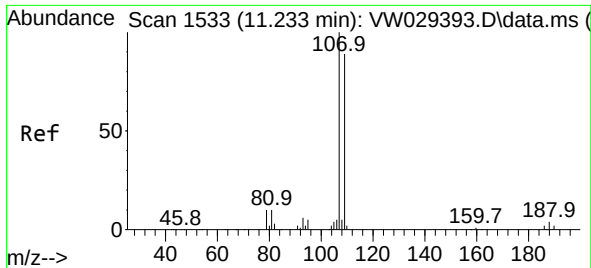
Tgt Ion:	43	Resp:	96292
Ion	Ratio	Lower	Upper
43	100		
58	51.7	39.6	59.4
57	17.9	14.6	21.8
100	10.8	8.2	12.2



#49
Dibromochloromethane
Concen: 27.023 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

Tgt Ion:	129	Resp:	90827
Ion	Ratio	Lower	Upper
129	100		
127	77.9	54.8	101.8

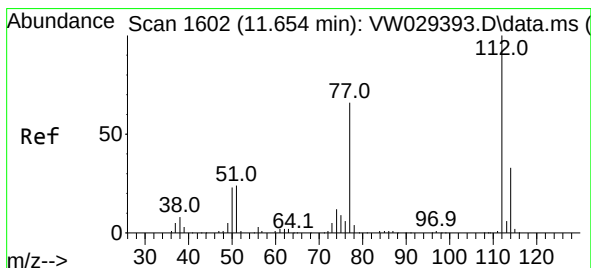
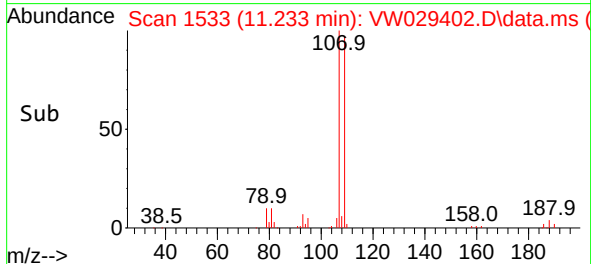
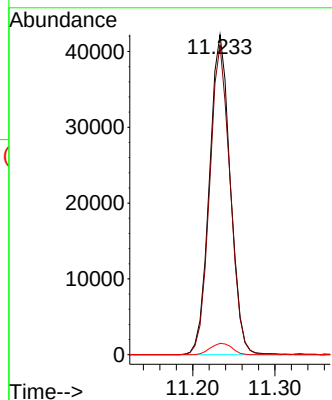
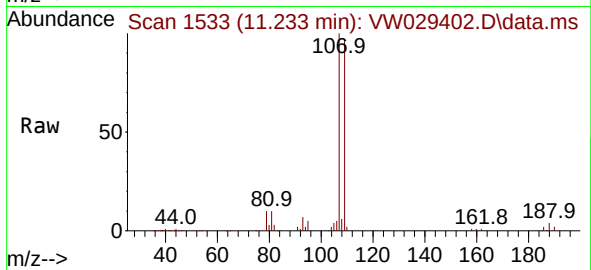




#50
1,2-Dibromoethane
Concen: 25.688 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

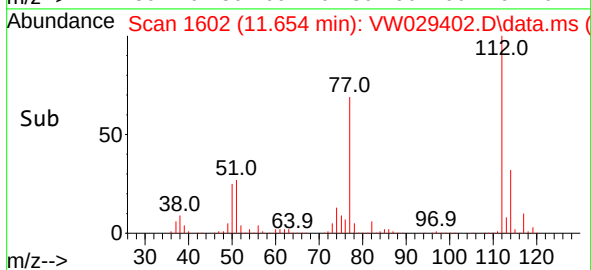
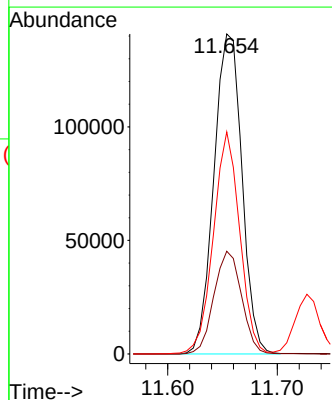
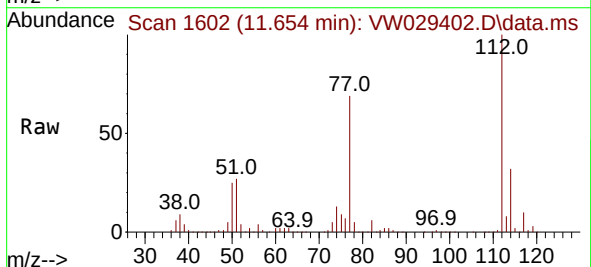
Instrument :
MSVOA_W
ClientSampleId :
A4CD6MSD

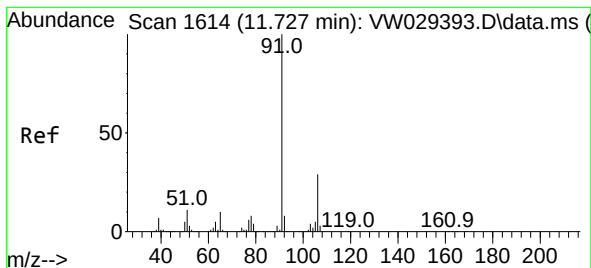
Tgt Ion:107 Resp: 74142
Ion Ratio Lower Upper
107 100
109 96.7 65.5 121.6
188 3.5 2.6 4.0



#51
Chlorobenzene
Concen: 22.925 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

Tgt Ion:112 Resp: 251441
Ion Ratio Lower Upper
112 100
114 32.1 22.6 42.0
77 69.4 51.0 76.6





#52

Ethylbenzene

Concen: 23.408 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

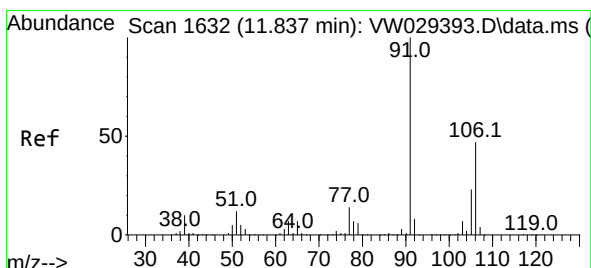
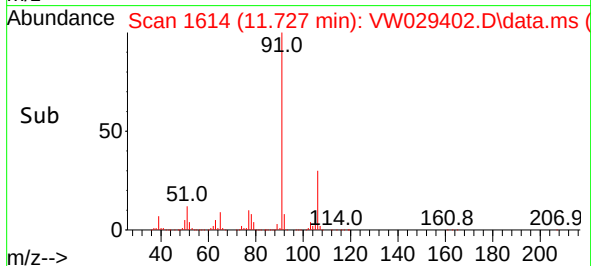
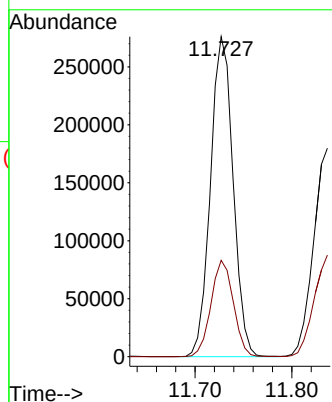
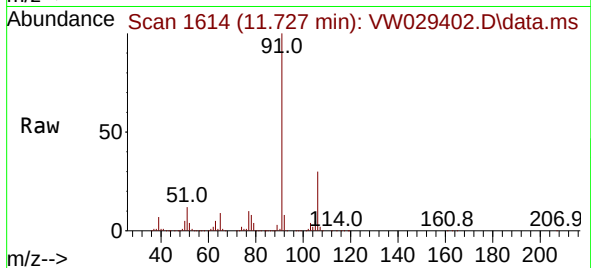
A4CD6MSD

Tgt Ion: 91 Resp: 448799

Ion Ratio Lower Upper

91 100

106 30.1 19.9 37.0



#53

m,p-Xylene

Concen: 22.862 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029402.D

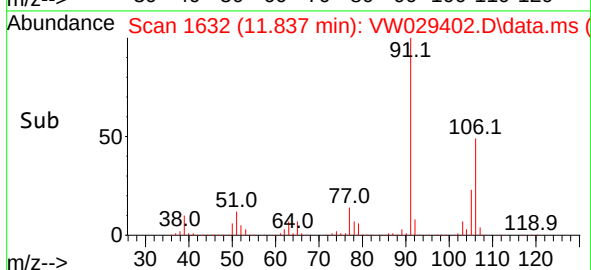
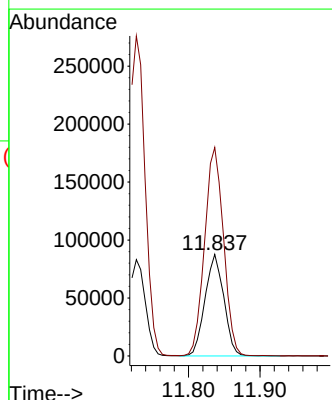
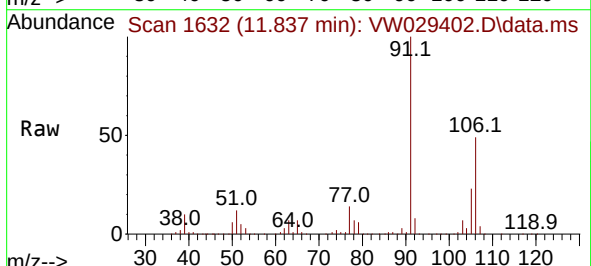
Acq: 28 Jun 2024 16:46

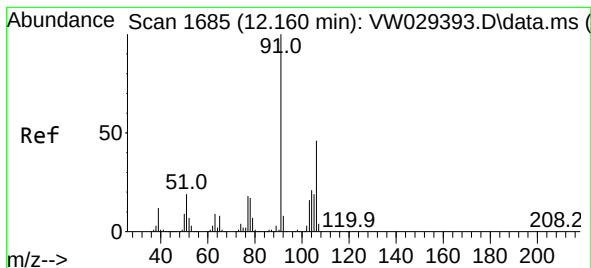
Tgt Ion:106 Resp: 160107

Ion Ratio Lower Upper

106 100

91 205.4 140.5 260.9





#54

o-Xylene

Concen: 24.301 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

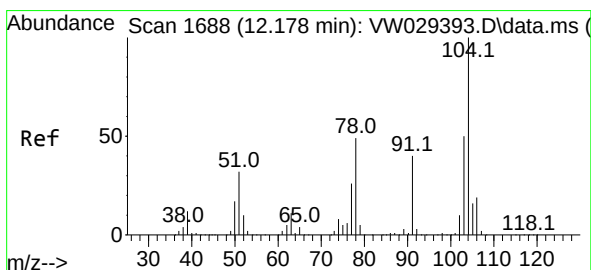
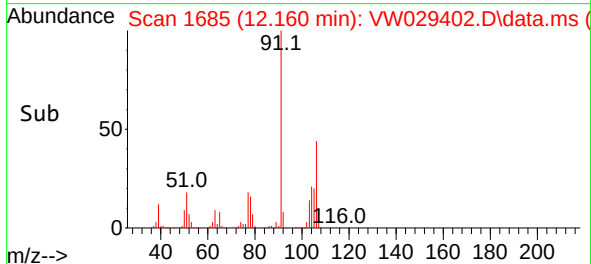
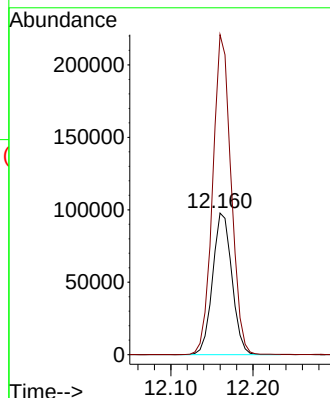
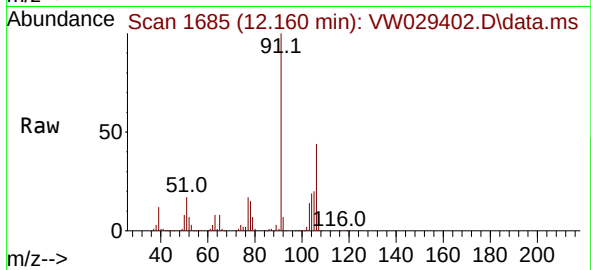
A4CD6MSD

Tgt Ion:106 Resp: 159052

Ion Ratio Lower Upper

106 100

91 226.0 149.9 278.5



#55

Styrene

Concen: 22.326 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029402.D

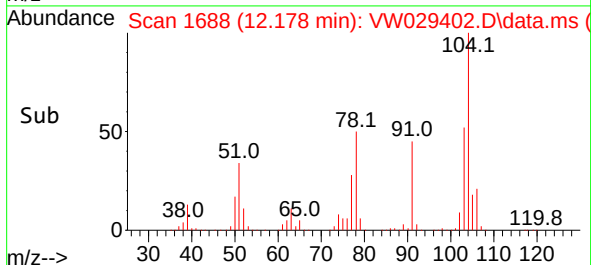
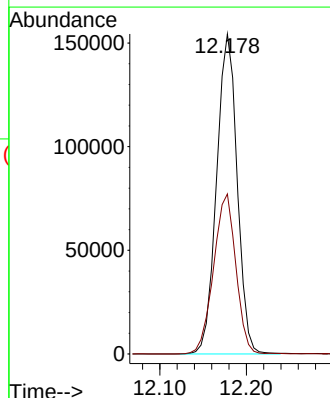
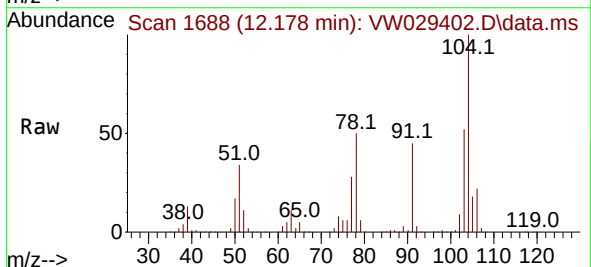
Acq: 28 Jun 2024 16:46

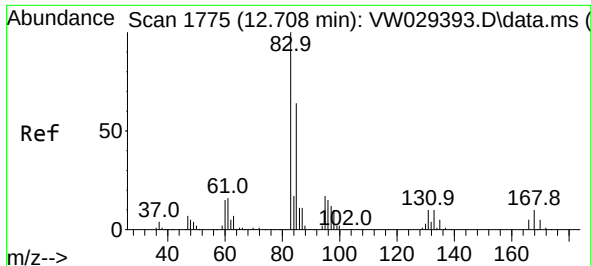
Tgt Ion:104 Resp: 254781

Ion Ratio Lower Upper

104 100

78 50.0 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.491 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

A4CD6MSD

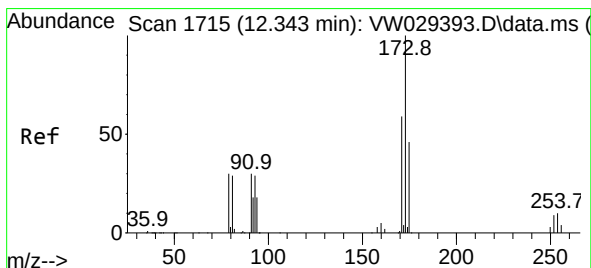
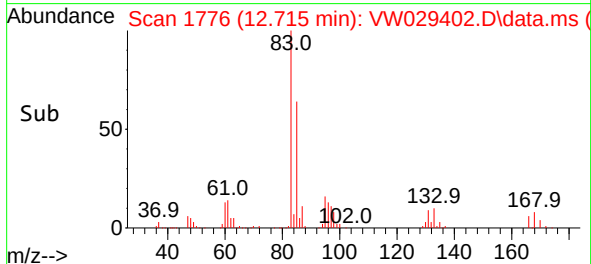
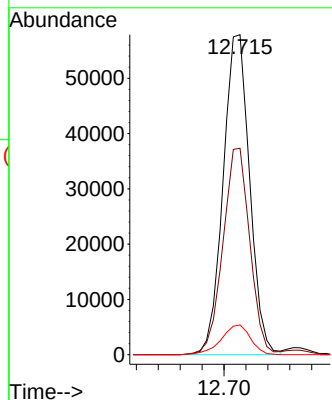
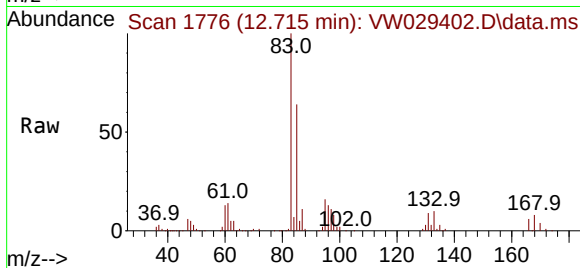
Tgt Ion: 83 Resp: 97407

Ion Ratio Lower Upper

83 100

85 64.5 45.8 85.0

131 9.3 7.8 11.6



#59

Bromoform

Concen: 36.059 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

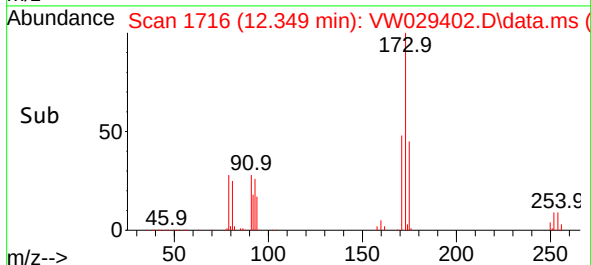
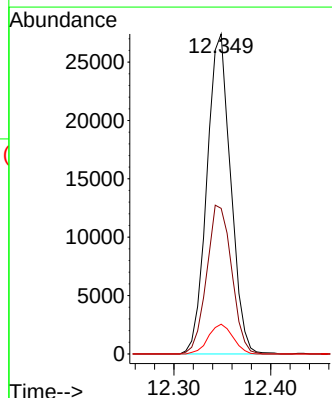
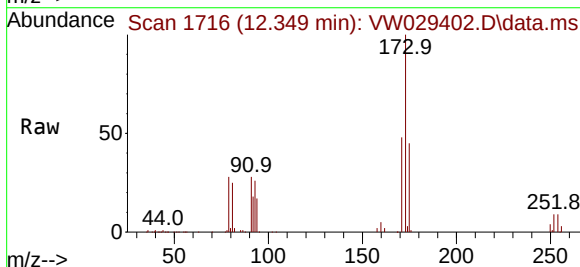
Tgt Ion:173 Resp: 46814

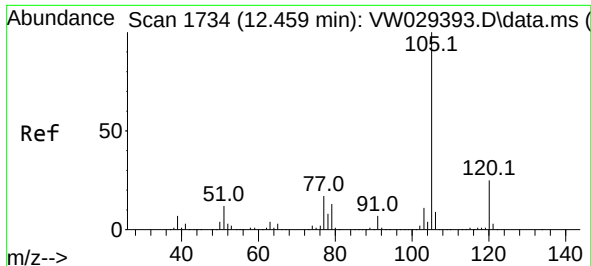
Ion Ratio Lower Upper

173 100

175 48.8 37.8 56.8

254 9.6 7.8 11.6

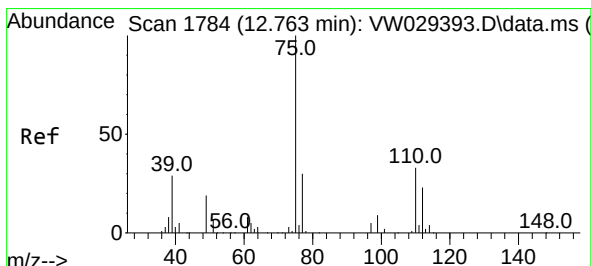
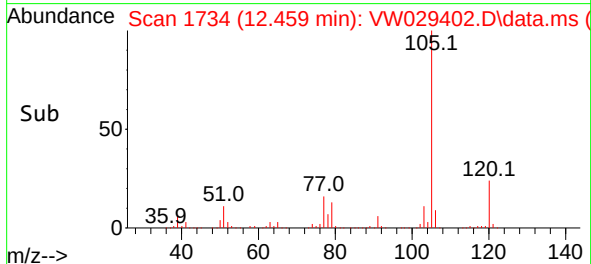
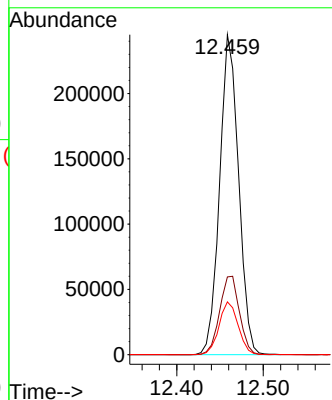
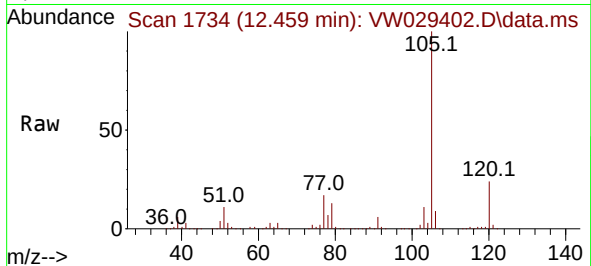




#60
Isopropylbenzene
Concen: 29.485 ug/L
RT: 12.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

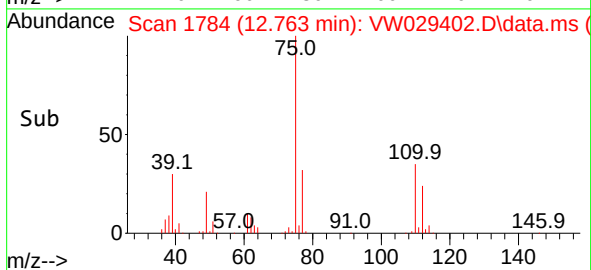
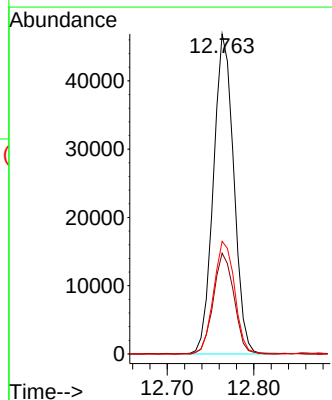
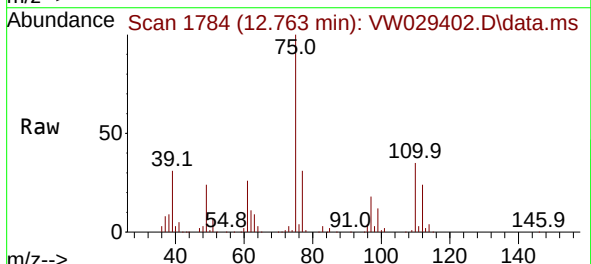
Instrument :
MSVOA_W
ClientSampleId :
A4CD6MSD

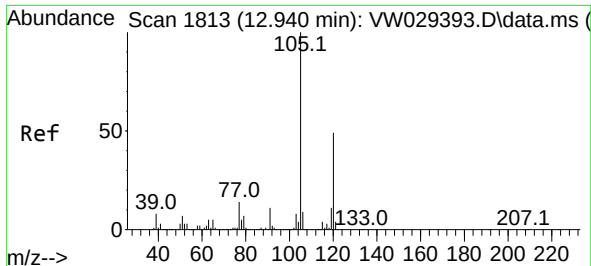
Tgt Ion:105 Resp: 372157
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 16.7 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 37.042 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

Tgt Ion: 75 Resp: 76534
Ion Ratio Lower Upper
75 100
77 31.9 26.6 39.8
110 36.3 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 27.307 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

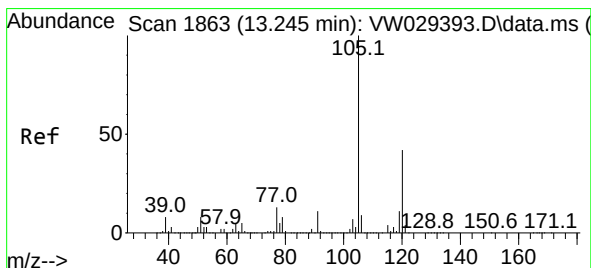
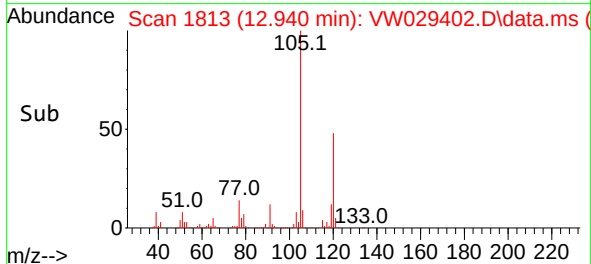
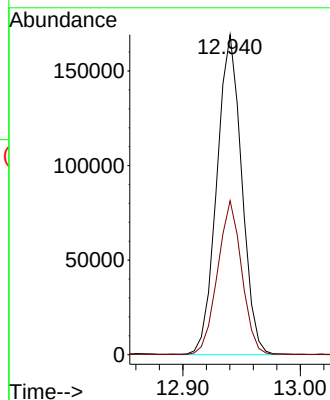
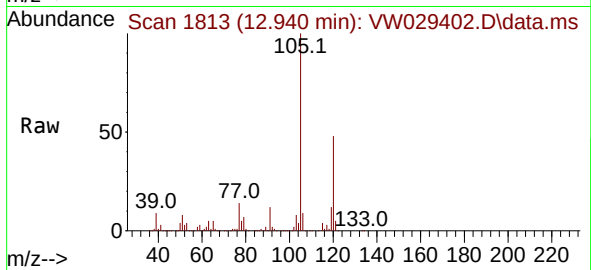
A4CD6MSD

Tgt Ion:105 Resp: 249613

Ion Ratio Lower Upper

105 100

120 46.8 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 27.539 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029402.D

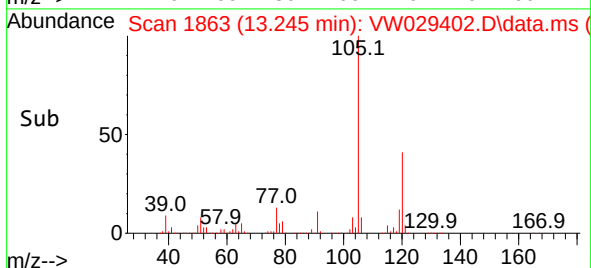
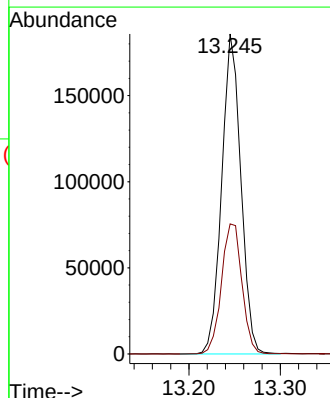
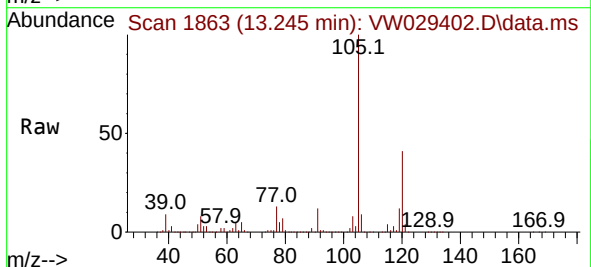
Acq: 28 Jun 2024 16:46

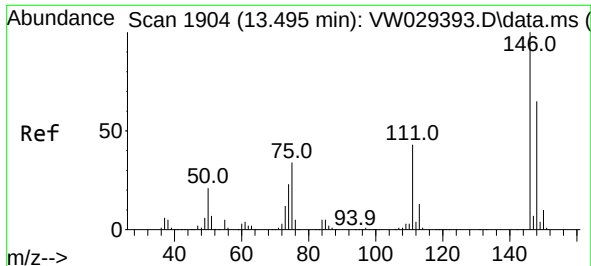
Tgt Ion:105 Resp: 270854

Ion Ratio Lower Upper

105 100

120 43.5 34.9 52.3

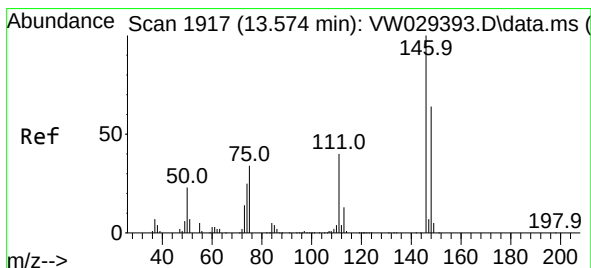
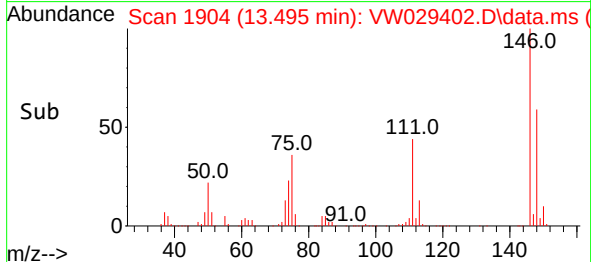
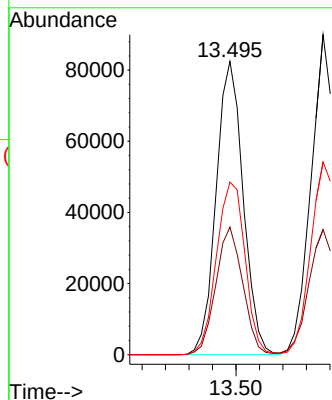
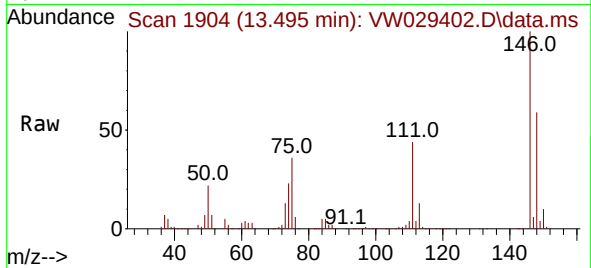




#64
1,3-Dichlorobenzene
Concen: 24.189 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

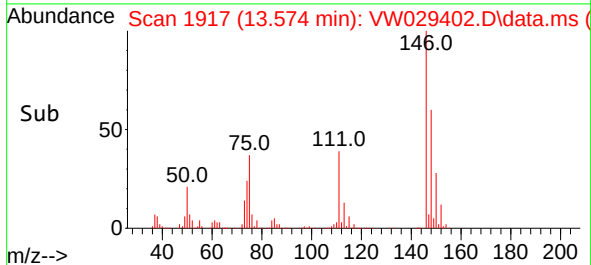
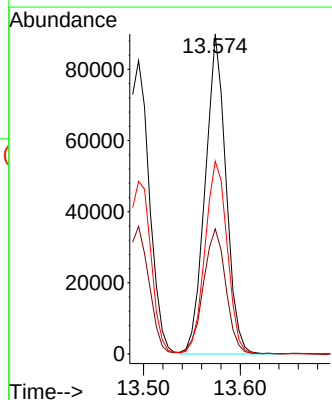
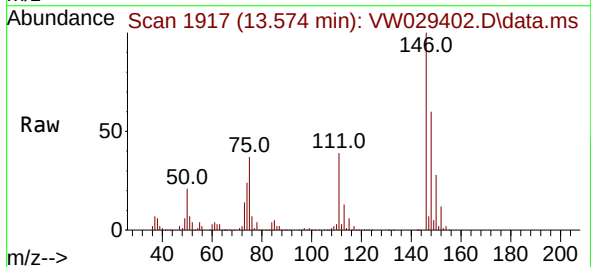
Instrument :
MSVOA_W
ClientSampleId :
A4CD6MSD

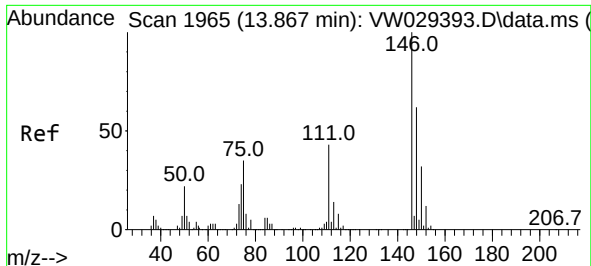
Tgt Ion:146 Resp: 132126
Ion Ratio Lower Upper
146 100
111 43.6 33.0 61.2
148 58.9 47.5 88.1



#65
1,4-Dichlorobenzene
Concen: 23.167 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029402.D
Acq: 28 Jun 2024 16:46

Tgt Ion:146 Resp: 134639
Ion Ratio Lower Upper
146 100
111 39.1 28.9 53.7
148 60.3 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 24.207 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

A4CD6MSD

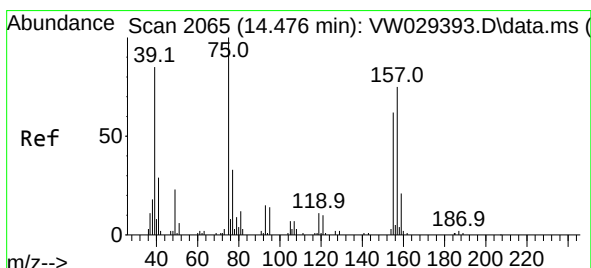
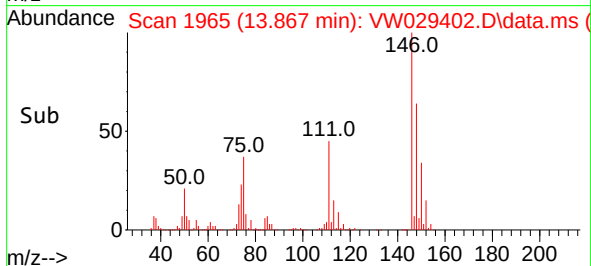
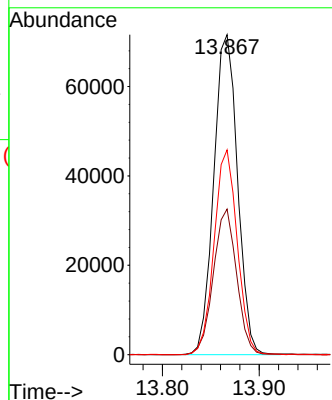
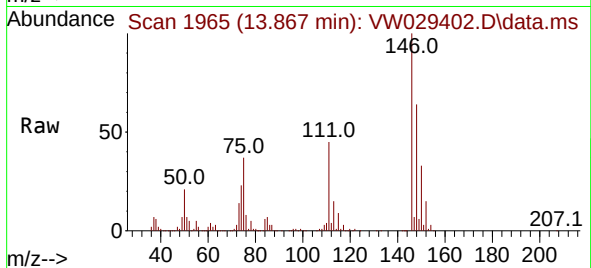
Tgt Ion:146 Resp: 122236

Ion Ratio Lower Upper

146 100

111 45.5 34.2 51.4

148 64.0 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 31.338 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

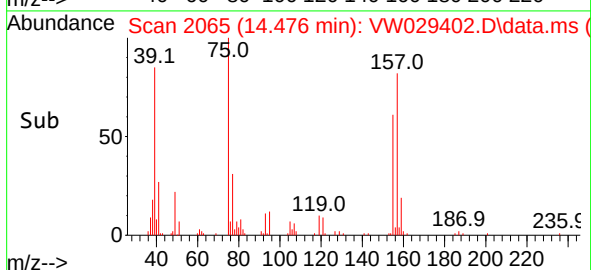
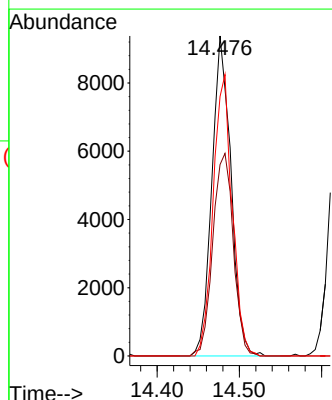
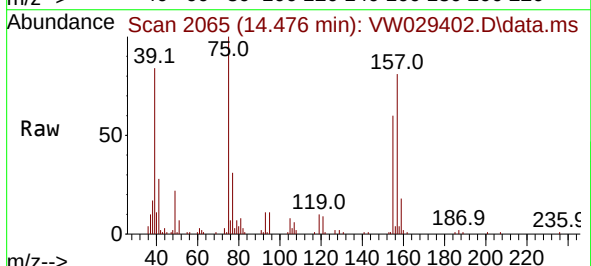
Tgt Ion: 75 Resp: 15110

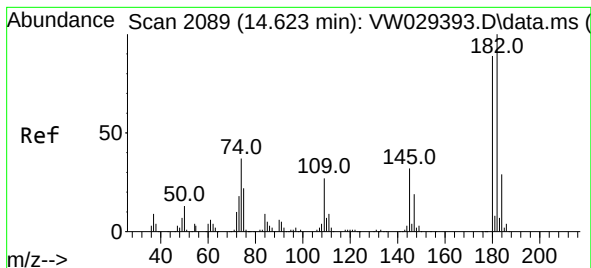
Ion Ratio Lower Upper

75 100

155 59.8 51.0 76.6

157 81.0 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 15.633 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

A4CD6MSD

Tgt Ion:180 Resp: 57630

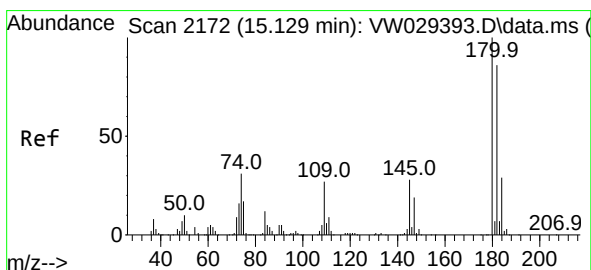
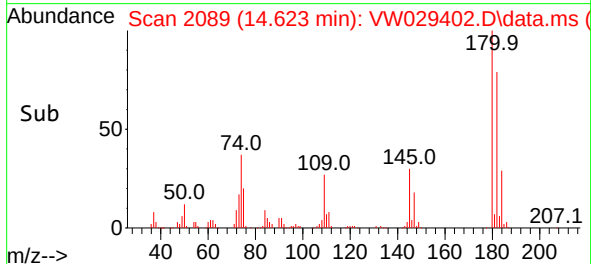
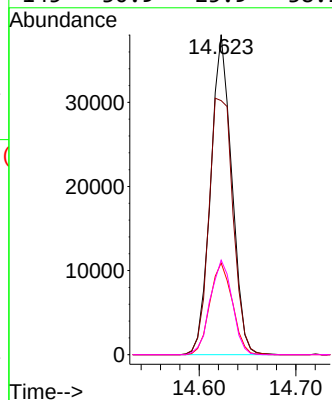
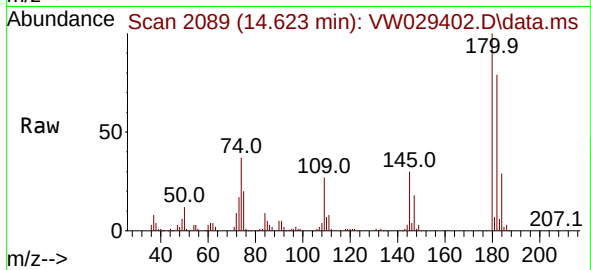
Ion Ratio Lower Upper

180 100

182 92.1 72.9 109.3

184 30.7 23.8 35.6

145 30.9 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 13.441 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

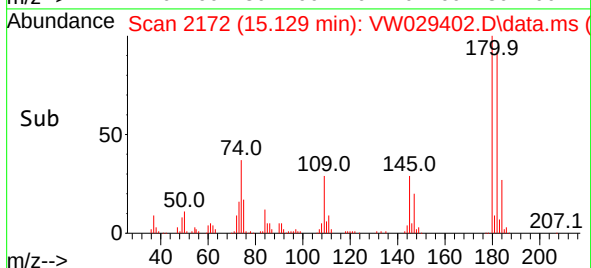
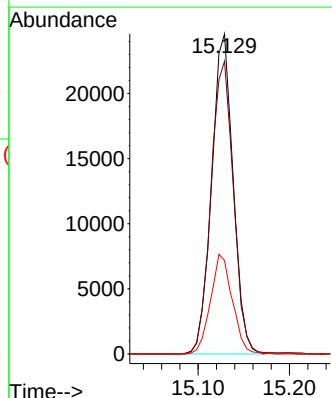
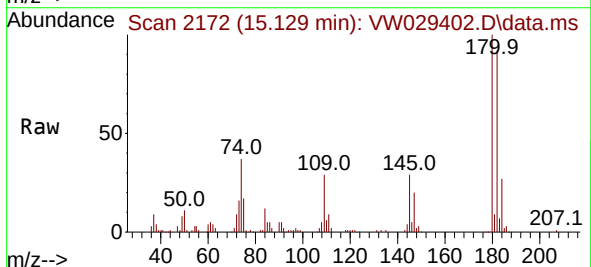
Tgt Ion:180 Resp: 40165

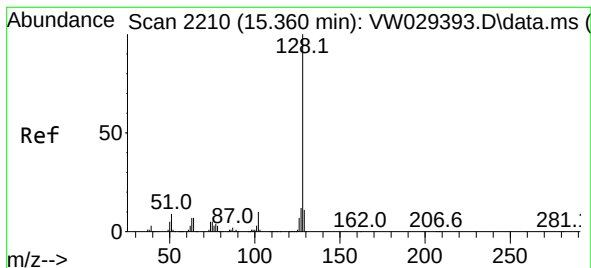
Ion Ratio Lower Upper

180 100

182 95.3 77.7 116.5

145 31.6 25.7 38.5





#71

Naphthalene

Concen: 18.388 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

A4CD6MSD

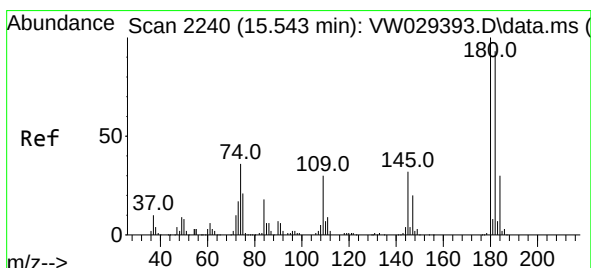
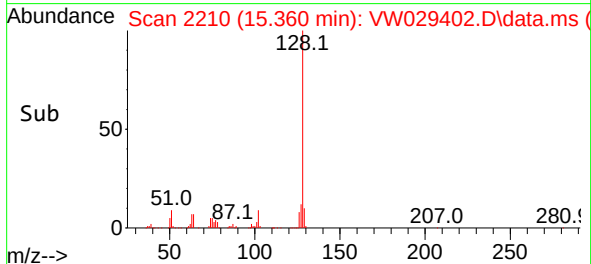
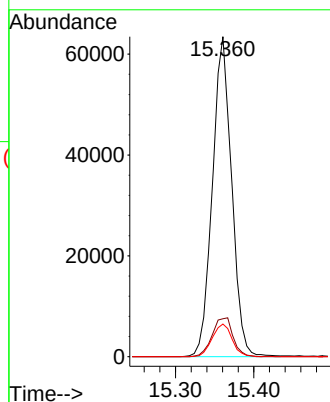
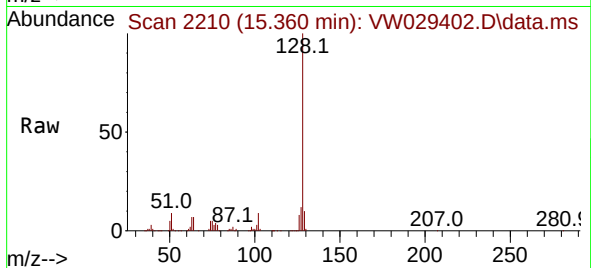
Tgt Ion:128 Resp: 108453

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.5 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 12.509 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029402.D

Acq: 28 Jun 2024 16:46

Tgt Ion:180 Resp: 34061

Ion Ratio Lower Upper

180 100

182 97.2 73.0 109.6

145 35.1 28.1 42.1

