

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050323\
 Data File : VW025816.D
 Acq On : 03 May 2023 10:57
 Operator : SY/MD
 Sample : 02549-21MSD
 Misc : 5.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCJ7MSD

Quant Time: May 04 01:23:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 01:22:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	784381	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	694401	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	332727	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	289503	26.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.200%
7) Chloroethane-d5	2.893	69	215799	26.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.760%
11) 1,1-Dichloroethene-d2	4.021	65	140468	25.238	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.960%
21) 2-Butanone-d5	7.075	46	166115	45.207	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.420%
24) Chloroform-d	7.648	84	549551	24.297	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	8.307	65	300020	23.458	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.840%
32) Benzene-d6	8.276	84	1135278	25.021	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.080%
36) 1,2-Dichloropropane-d6	9.270	67	354603	24.426	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.720%
41) Toluene-d8	10.325	98	1005372	24.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	10.575	79	136158	23.138	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.560%
47) 2-Hexanone-d5	10.922	63	119214	48.157	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	263681	23.830	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	283833	23.401	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	184483	21.052	ug/L	98
3) Chloromethane	2.222	50	287379	22.241	ug/L	99
5) Vinyl chloride	2.369	62	299289	22.379	ug/L	99
6) Bromomethane	2.789	94	158732	21.822	ug/L	98
8) Chloroethane	2.930	64	168726	22.187	ug/L	97
9) Trichlorofluoromethane	3.265	101	226385	22.430	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	231869	21.124	ug/L	97
12) 1,1-Dichloroethene	4.045	96	227517	21.688	ug/L	95
13) Acetone	4.118	43	478174	146.758	ug/L	100
14) Carbon disulfide	4.393	76	762338	21.489	ug/L	100
15) Methyl Acetate	4.667	43	128730	20.049	ug/L	99
16) Methylene chloride	4.917	84	259744	16.057	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	239601	20.937	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	363029	20.901	ug/L	99
19) 1,1-Dichloroethane	6.216	63	505085	21.481	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	260210	21.194	ug/L	99
22) 2-Butanone	7.167	43	190267	42.291	ug/L	99
23) Bromochloromethane	7.514	128	106267	20.430	ug/L	98
25) Chloroform	7.679	83	461231	21.343	ug/L	98

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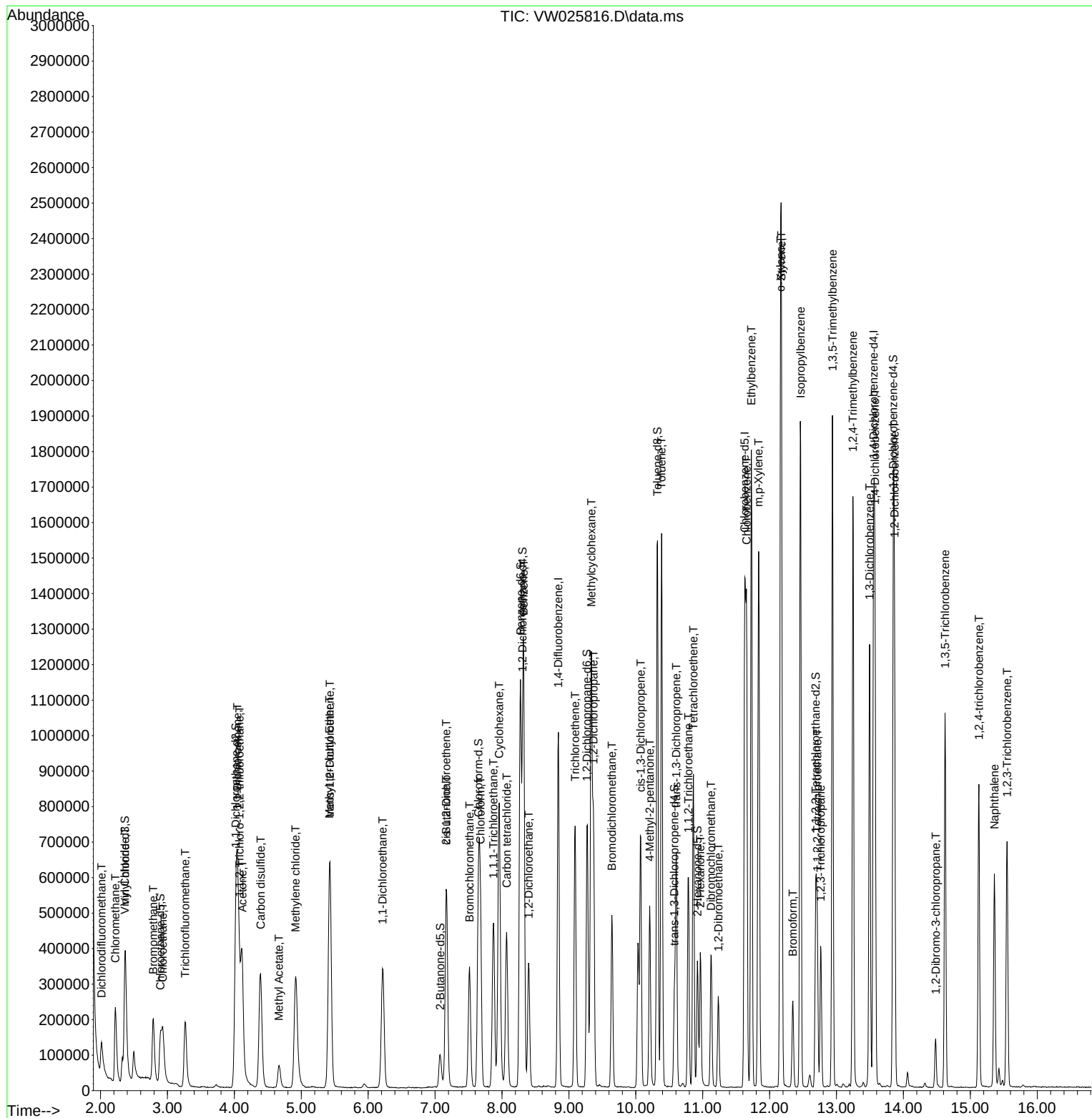
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	318107	20.727	ug/L	99
29) Cyclohexane	7.959	56	473339	21.996	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	370852	21.838	ug/L	99
31) Carbon tetrachloride	8.069	117	332086	21.729	ug/L	97
33) Benzene	8.325	78	1043892	21.729	ug/L	100
34) Trichloroethene	9.093	95	266554	21.622	ug/L	96
35) Methylcyclohexane	9.337	83	457638	20.872	ug/L	99
37) 1,2-Dichloropropane	9.367	63	279191	21.211	ug/L	100
38) Bromodichloromethane	9.642	83	321442	21.286	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	416324	21.569	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	355947	41.546	ug/L	99
42) Toluene	10.386	91	1087010	22.144	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	344121	21.516	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	182359	20.711	ug/L	98
46) Tetrachloroethene	10.861	164	181936	20.977	ug/L	94
48) 2-Hexanone	10.965	43	249772	40.695	ug/L	98
49) Dibromochloromethane	11.123	129	188698	20.701	ug/L	99
50) 1,2-Dibromoethane	11.233	107	170397	20.993	ug/L	93
51) Chlorobenzene	11.654	112	635059	20.883	ug/L	98
52) Ethylbenzene	11.727	91	1215556	22.014	ug/L	99
53) m,p-Xylene	11.837	106	442679	21.782	ug/L	97
54) o-Xylene	12.166	106	422126	22.037	ug/L	100
55) Styrene	12.178	104	724184	22.088	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	227190	20.679	ug/L	98
59) Bromoform	12.349	173	102903	20.880	ug/L	95
60) Isopropylbenzene	12.464	105	1181293	23.357	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	165763	21.080	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	939352	23.449	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	854855	23.125	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	457039	20.992	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	474721	21.582	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	414598	21.353	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	35991	19.738	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	285937	19.785	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	245825	20.303	ug/L	100
71) Naphthalene	15.360	128	471939	20.652	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	215356	20.046	ug/L	99

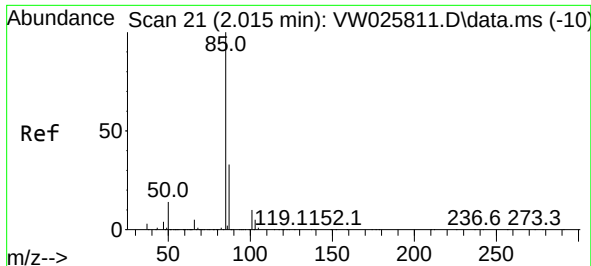
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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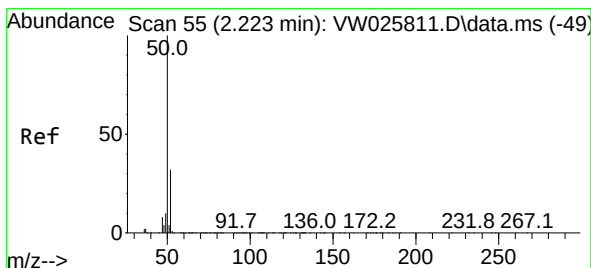
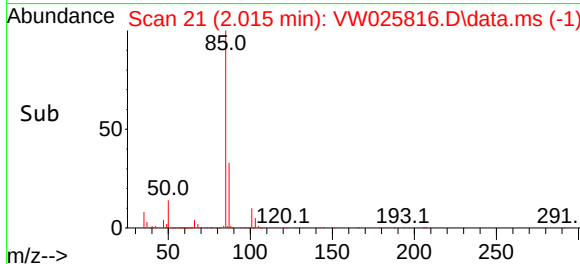
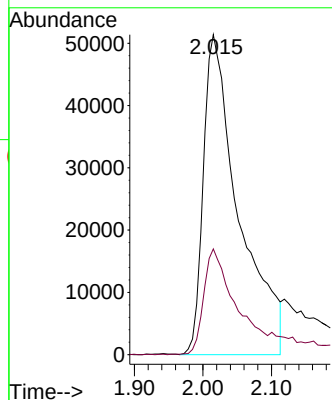
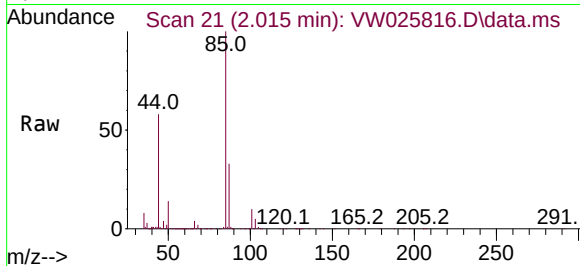




#2
 Dichlorodifluoromethane
 Concen: 21.052 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025816.D
 Acq: 03 May 2023 10:57

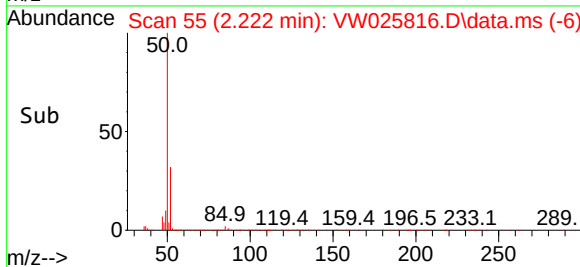
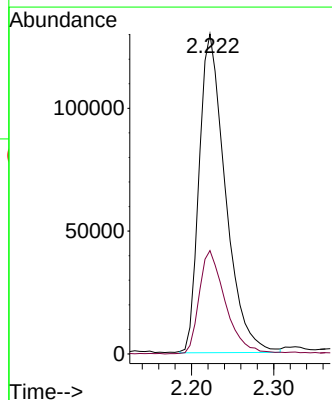
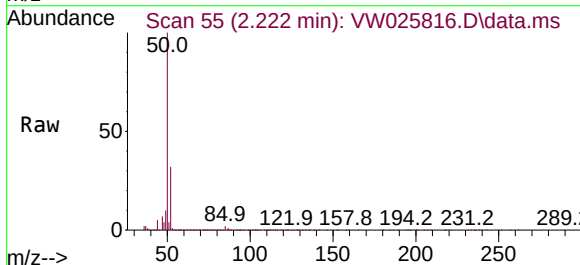
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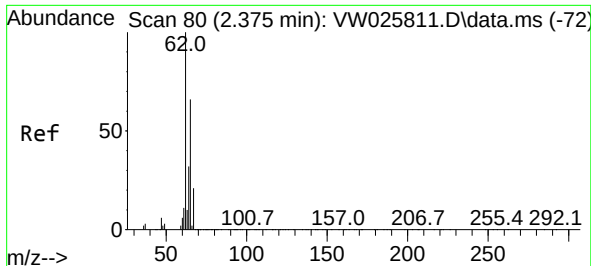
Tgt Ion: 85 Resp: 184483
 Ion Ratio Lower Upper
 85 100
 87 29.7 24.7 37.1



#3
 Chloromethane
 Concen: 22.241 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025816.D
 Acq: 03 May 2023 10:57

Tgt Ion: 50 Resp: 287379
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.1 41.1

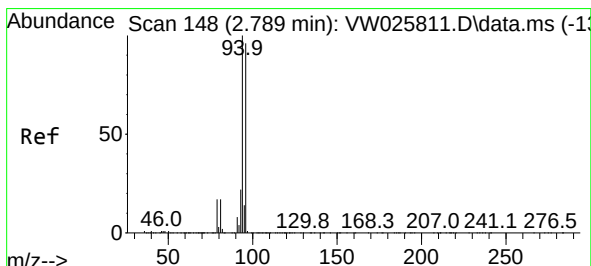
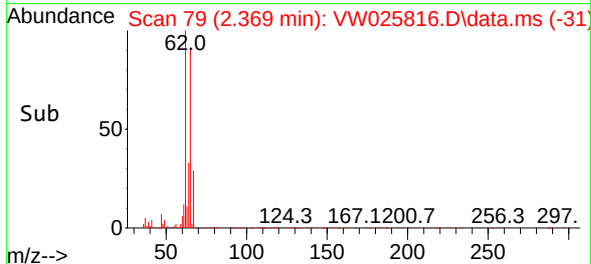
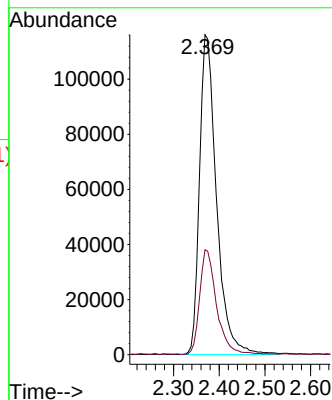
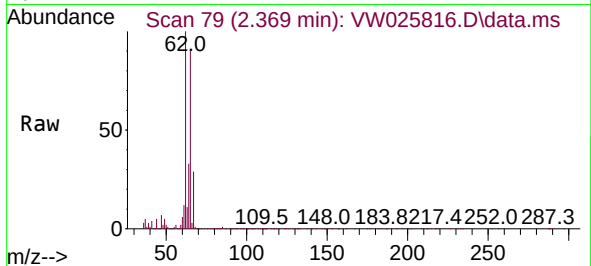




#5
 Vinyl chloride
 Concen: 22.379 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW025816.D
 Acq: 03 May 2023 10:57

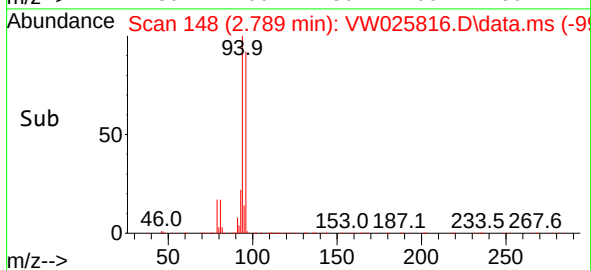
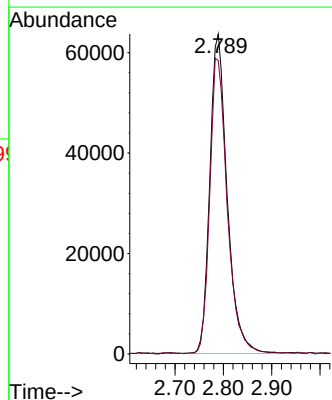
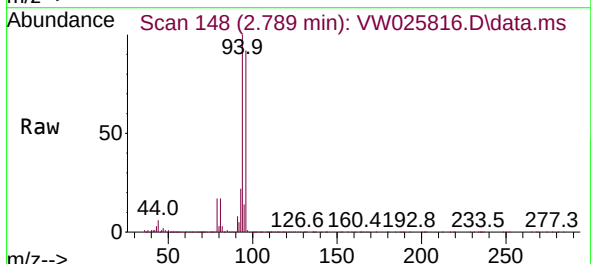
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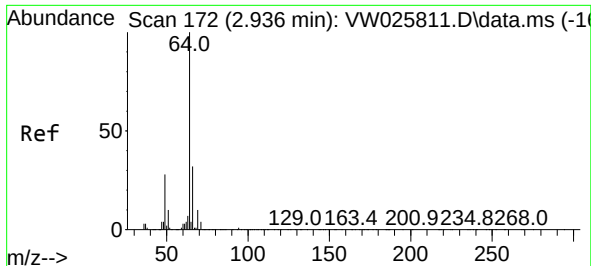
Tgt Ion: 62 Resp: 299289
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.7 42.3



#6
 Bromomethane
 Concen: 21.822 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025816.D
 Acq: 03 May 2023 10:57

Tgt Ion: 94 Resp: 158732
 Ion Ratio Lower Upper
 94 100
 96 91.6 63.1 117.1

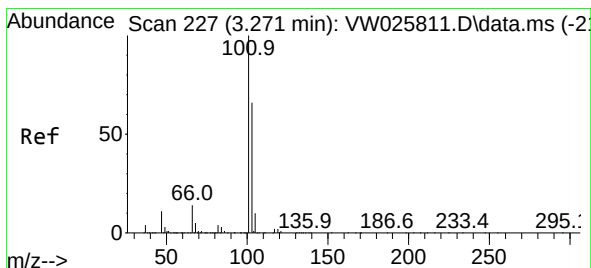
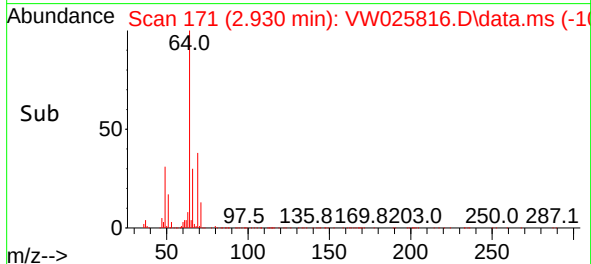
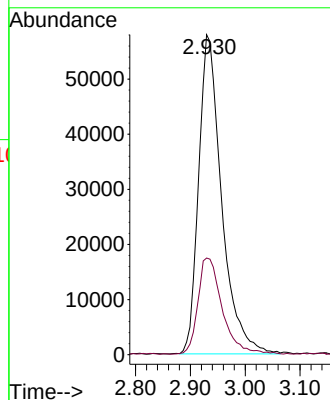
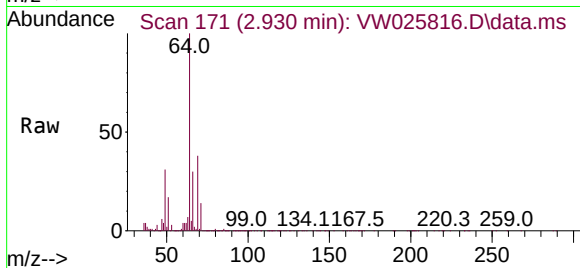




#8
Chloroethane
Concen: 22.187 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

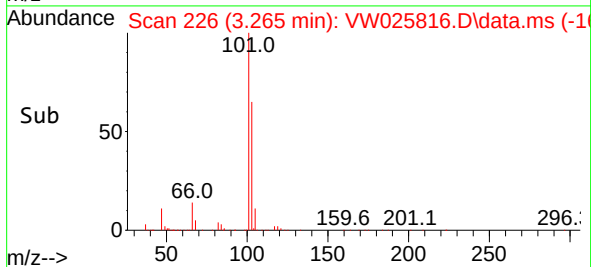
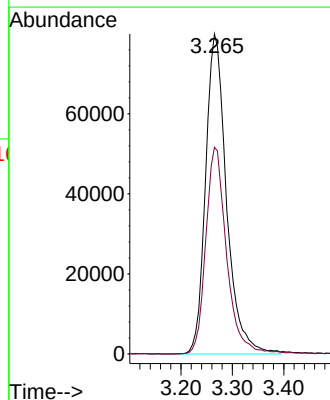
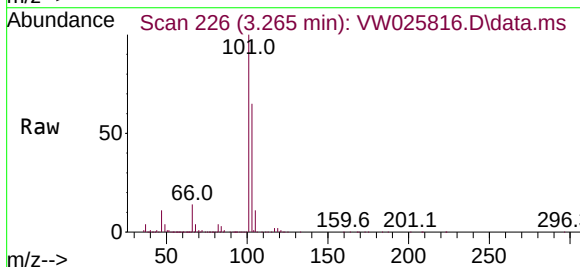
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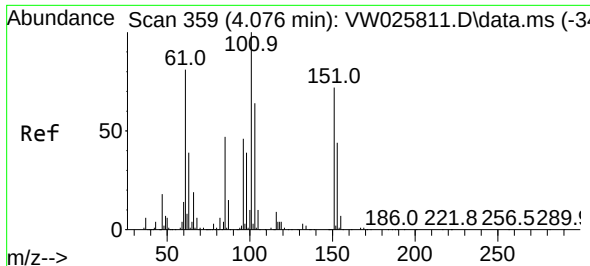
Tgt Ion: 64 Resp: 168726
Ion Ratio Lower Upper
64 100
66 30.2 22.3 41.3



#9
Trichlorofluoromethane
Concen: 22.430 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

Tgt Ion: 101 Resp: 226385
Ion Ratio Lower Upper
101 100
103 63.9 50.6 76.0

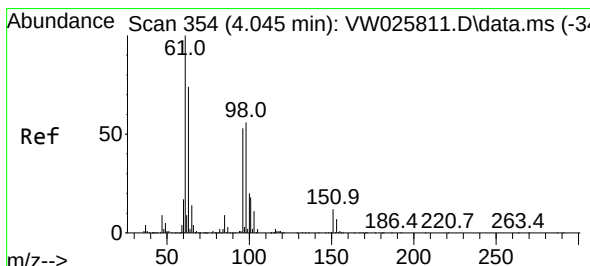
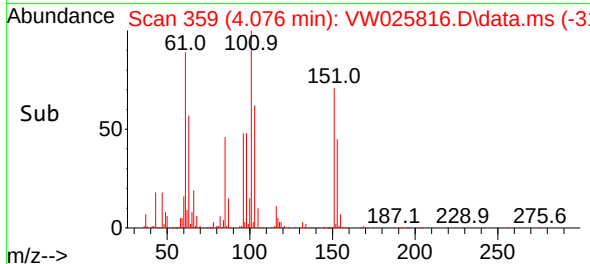
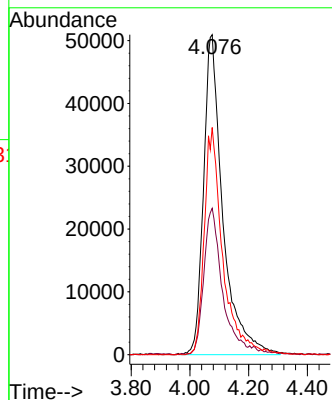
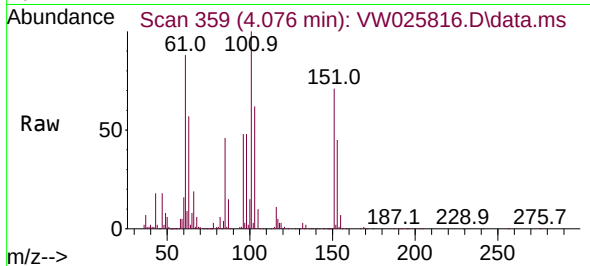




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.124 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW025816.D
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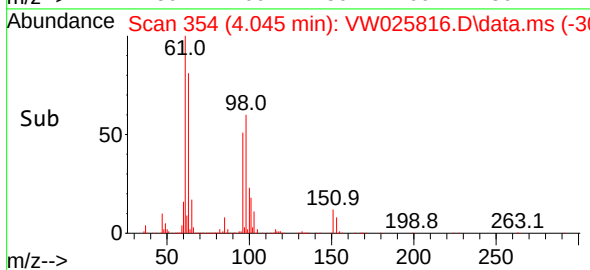
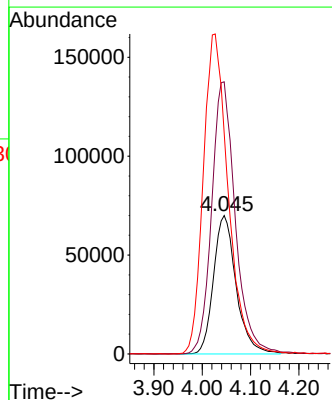
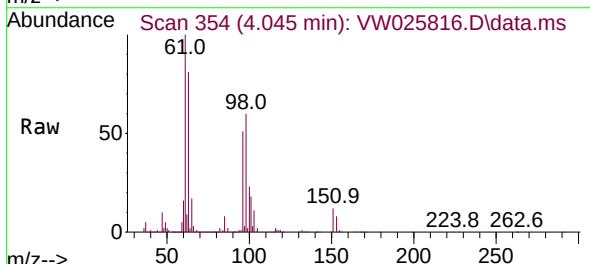
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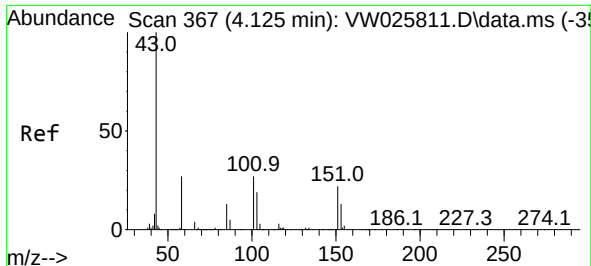
Tgt Ion: 101 Resp: 231869
 Ion Ratio Lower Upper
 101 100
 85 43.2 33.9 50.9
 151 64.0 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 21.688 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
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Tgt Ion: 96 Resp: 227517
 Ion Ratio Lower Upper
 96 100
 61 196.6 135.0 250.8
 63 159.4 104.9 194.7

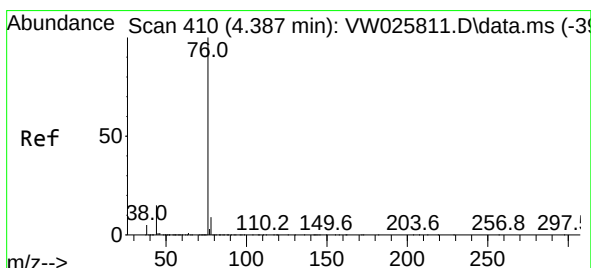
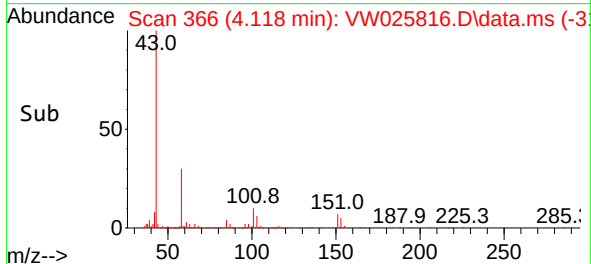
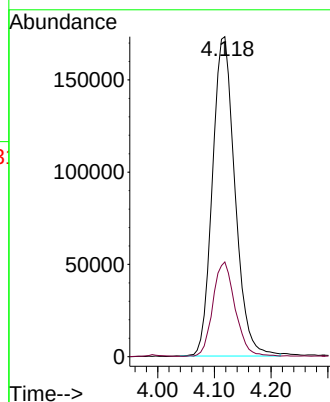
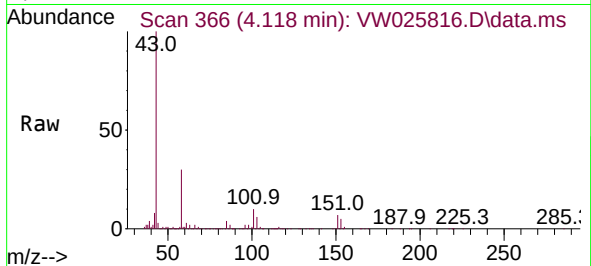




#13
Acetone
Concen: 146.758 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW025816.D
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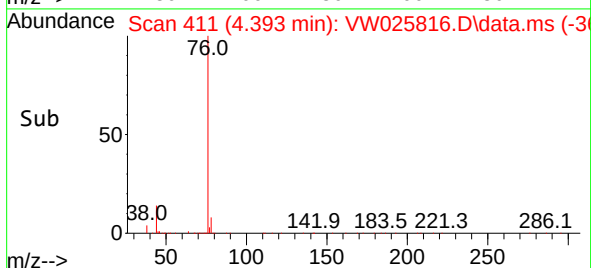
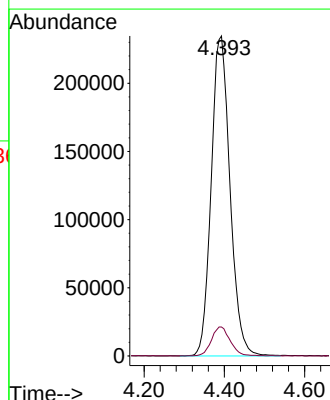
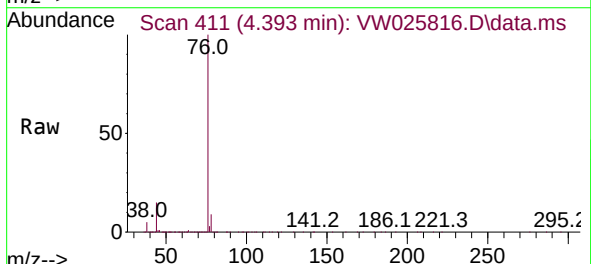
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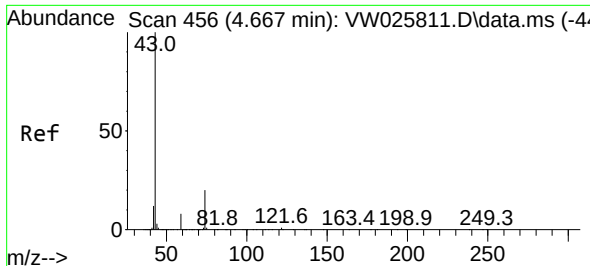
Tgt Ion: 43 Resp: 478174
Ion Ratio Lower Upper
43 100
58 29.2 0.0 58.2



#14
Carbon disulfide
Concen: 21.489 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW025816.D
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Tgt Ion: 76 Resp: 762338
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

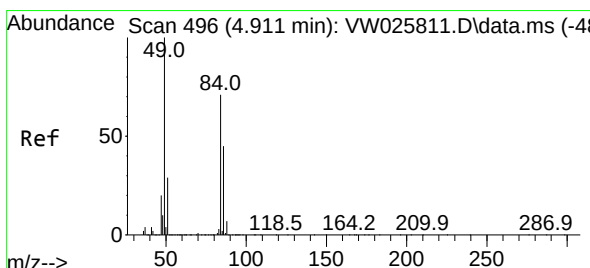
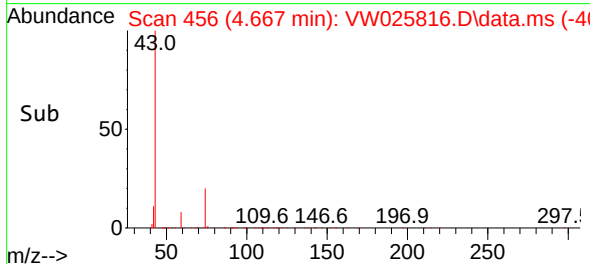
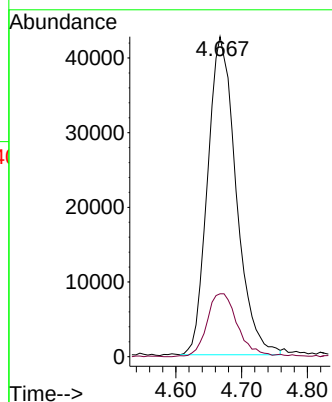
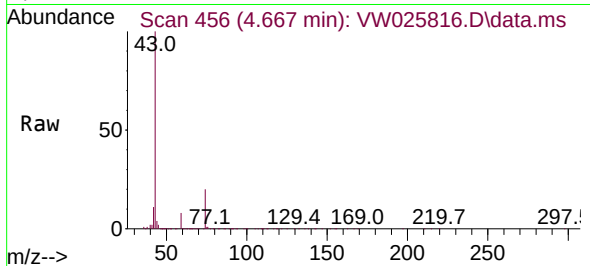




#15
Methyl Acetate
Concen: 20.049 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

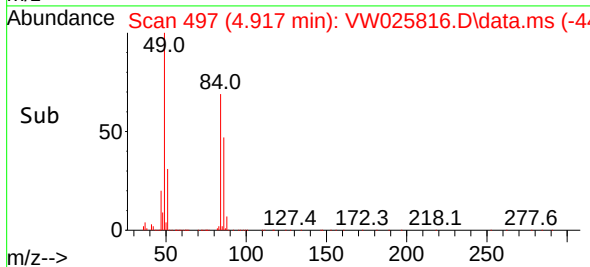
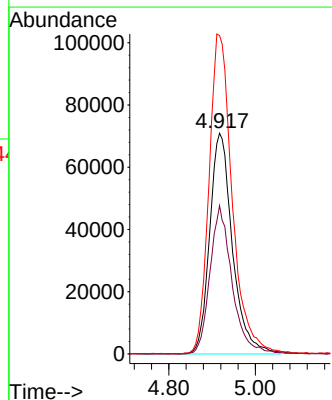
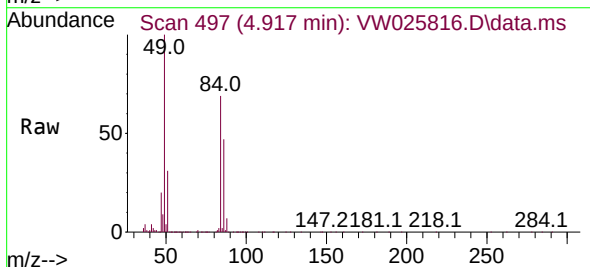
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MSD

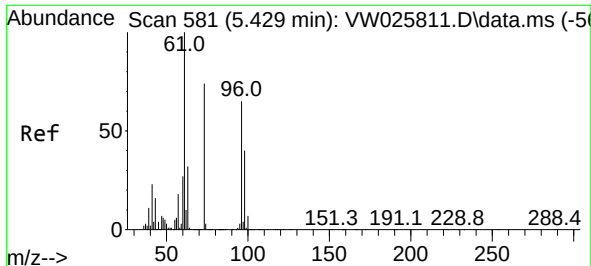
Tgt Ion: 43 Resp: 128730
Ion Ratio Lower Upper
43 100
74 21.1 16.5 24.7



#16
Methylene chloride
Concen: 16.057 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

Tgt Ion: 84 Resp: 259744
Ion Ratio Lower Upper
84 100
86 67.1 41.7 77.5
49 144.2 95.3 177.1

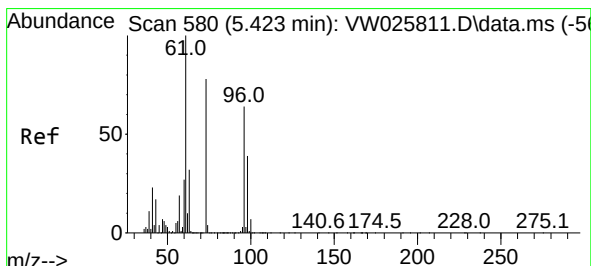
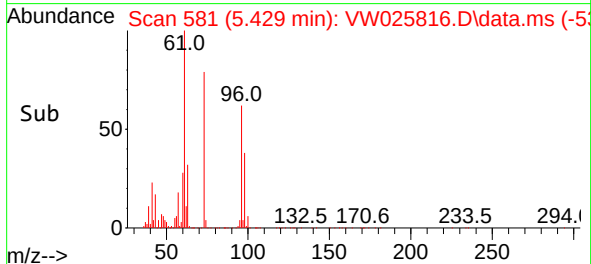
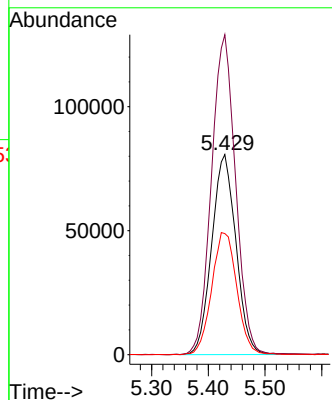
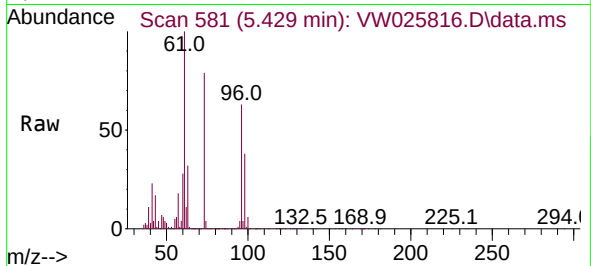




#17
trans-1,2-Dichloroethene
Concen: 20.937 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

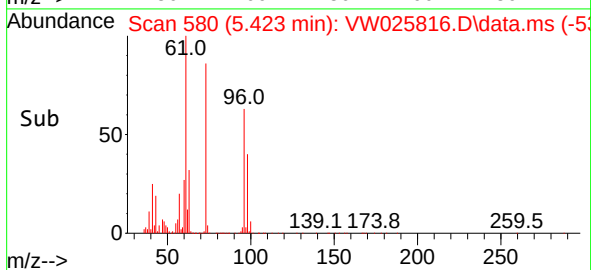
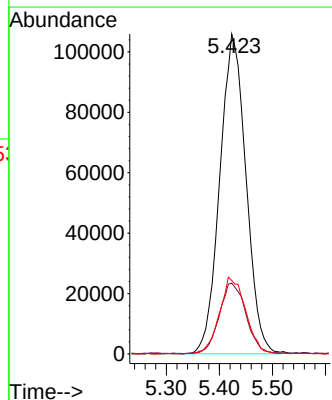
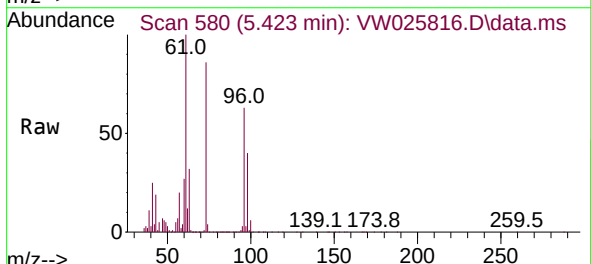
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MSD

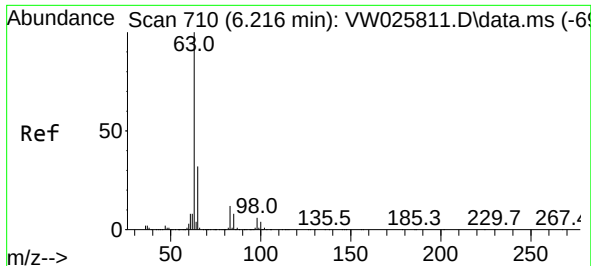
Tgt Ion: 96 Resp: 239601
Ion Ratio Lower Upper
96 100
61 159.9 108.1 200.9
98 60.5 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 20.901 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

Tgt Ion: 73 Resp: 363029
Ion Ratio Lower Upper
73 100
43 22.6 18.2 27.4
57 23.7 19.2 28.8





#19

1,1-Dichloroethane

Concen: 21.481 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

Instrument :

MSVOA_W

ClientSampleId :

DCCJ7MSD

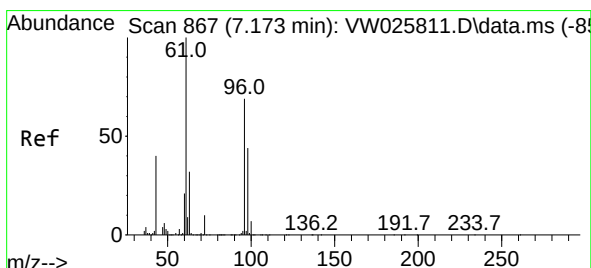
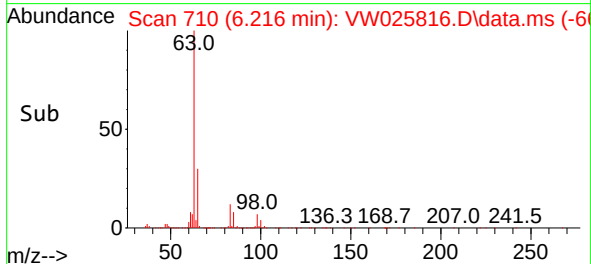
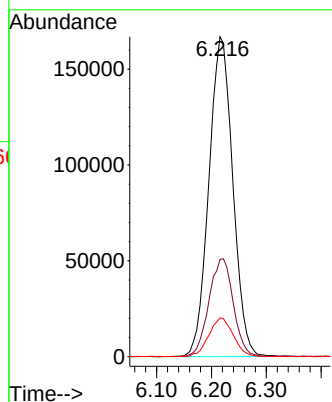
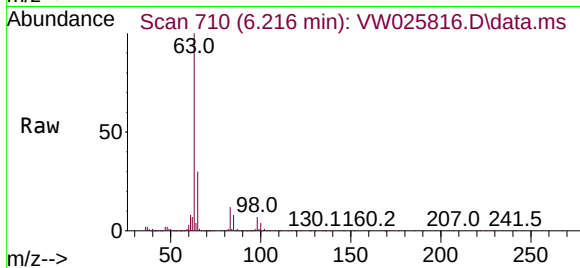
Tgt Ion: 63 Resp: 505085

Ion Ratio Lower Upper

63 100

65 30.4 22.4 41.6

83 12.1 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 21.194 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

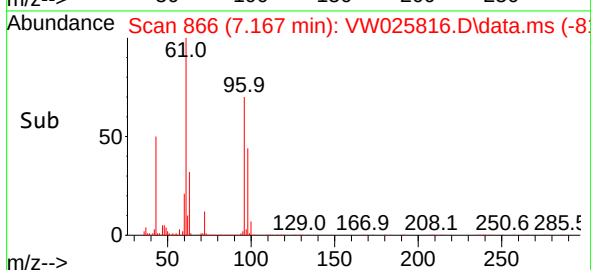
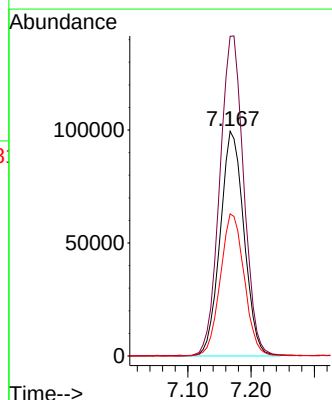
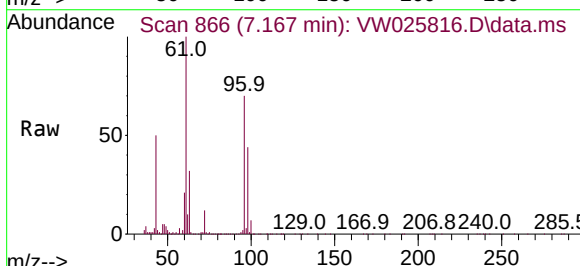
Tgt Ion: 96 Resp: 260210

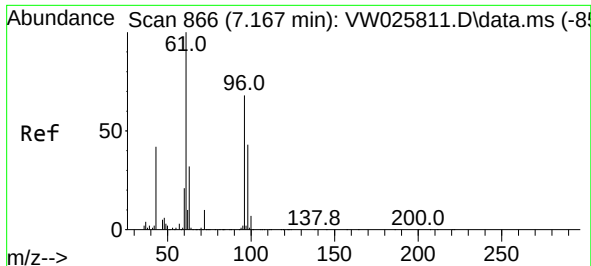
Ion Ratio Lower Upper

96 100

61 142.3 98.6 183.0

98 63.3 45.2 84.0

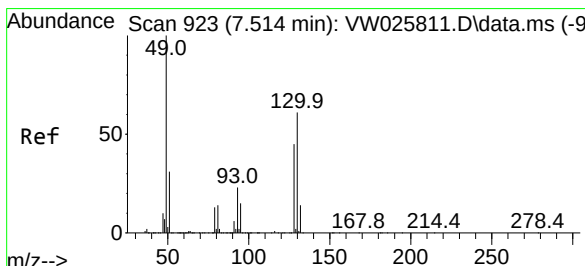
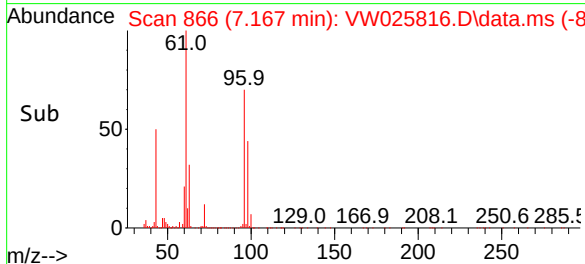
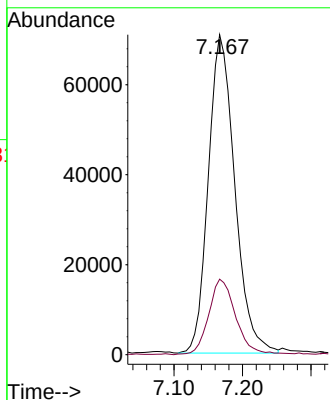
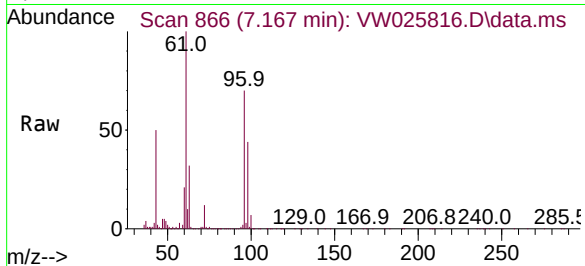




#22
2-Butanone
Concen: 42.291 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

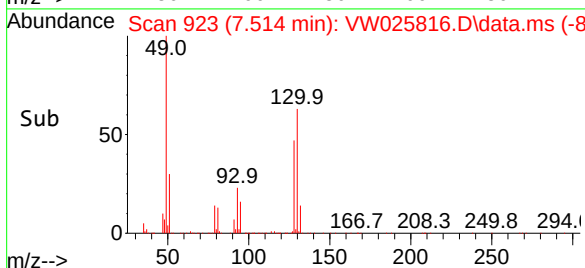
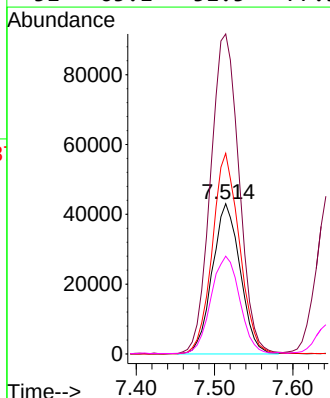
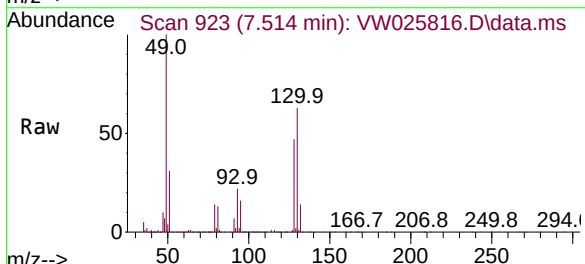
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MSD

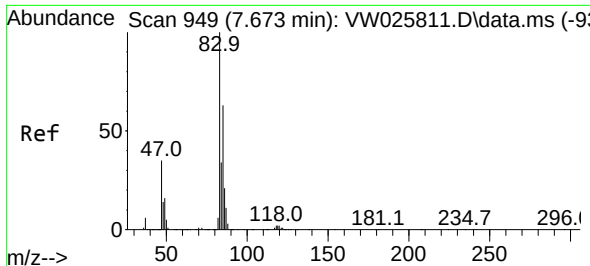
Tgt Ion: 43 Resp: 190267
Ion Ratio Lower Upper
43 100
72 24.3 11.8 35.4



#23
Bromochloromethane
Concen: 20.430 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

Tgt Ion: 128 Resp: 106267
Ion Ratio Lower Upper
128 100
49 213.0 151.5 281.5
130 133.6 91.3 169.6
51 65.1 51.5 77.3

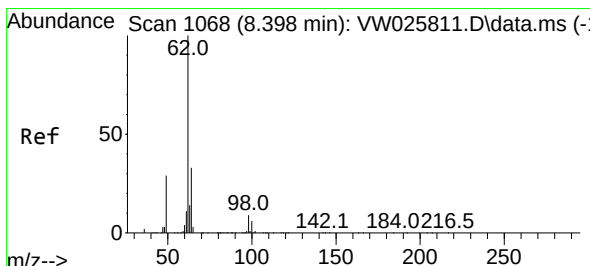
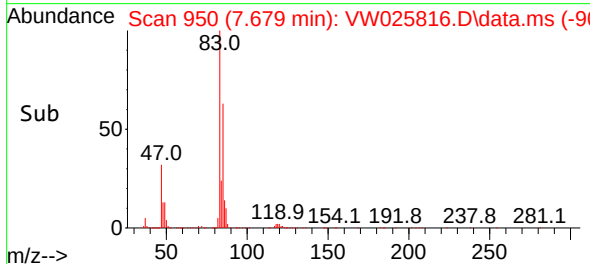
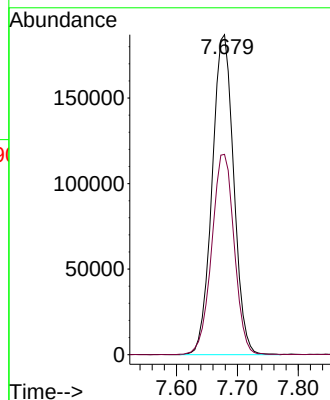
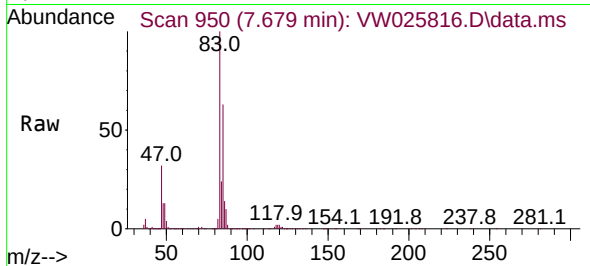




#25
Chloroform
Concen: 21.343 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

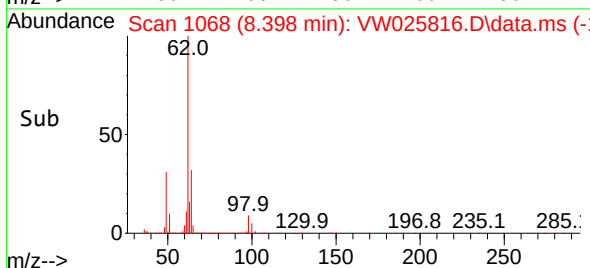
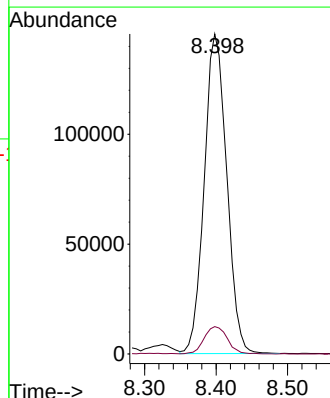
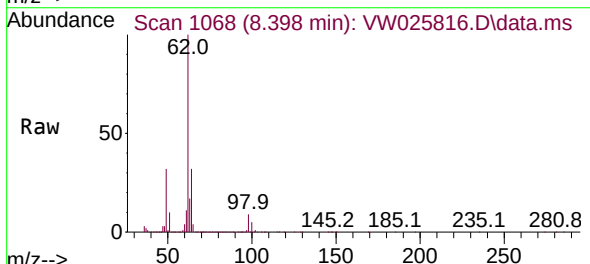
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MSD

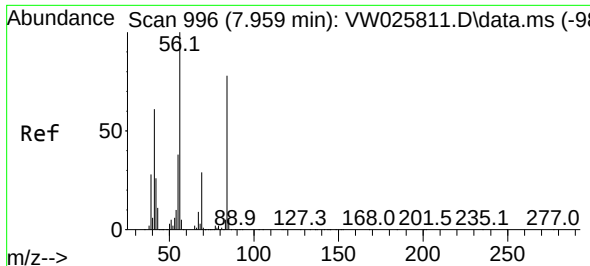
Tgt Ion: 83 Resp: 461231
Ion Ratio Lower Upper
83 100
85 62.6 45.1 83.9



#27
1,2-Dichloroethane
Concen: 20.727 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

Tgt Ion: 62 Resp: 318107
Ion Ratio Lower Upper
62 100
98 8.5 7.2 10.8

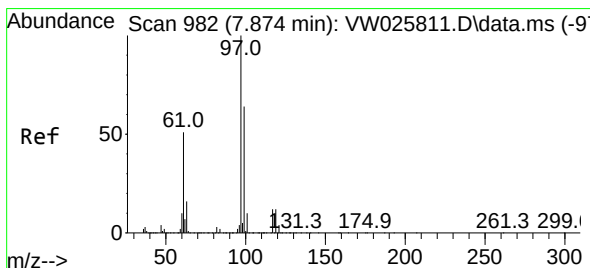
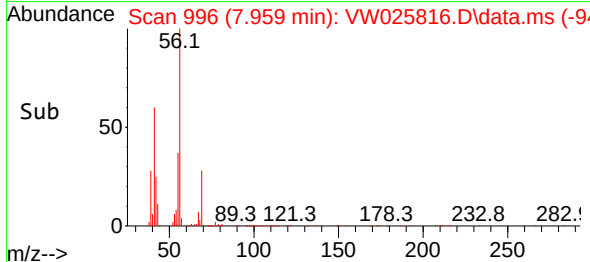
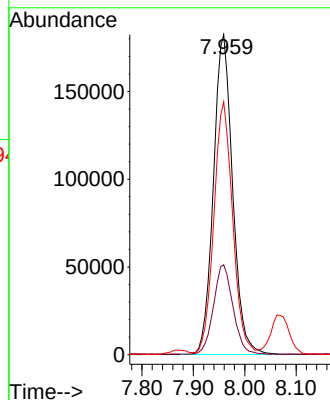
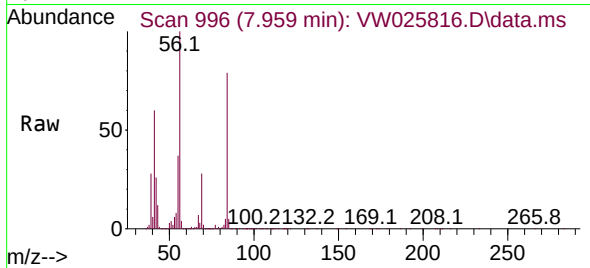




#29
Cyclohexane
Concen: 21.996 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

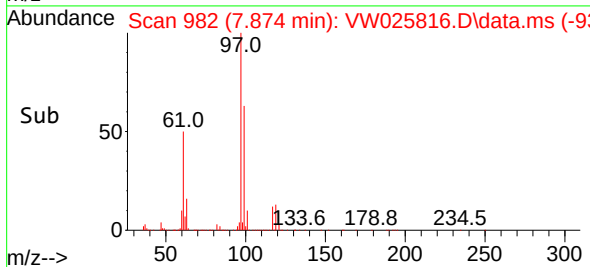
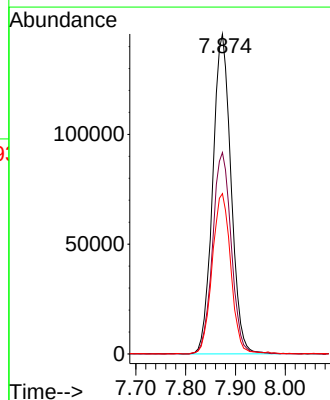
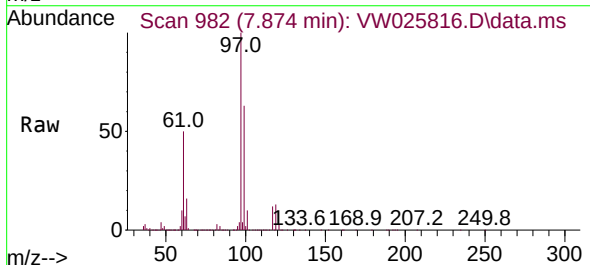
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MSD

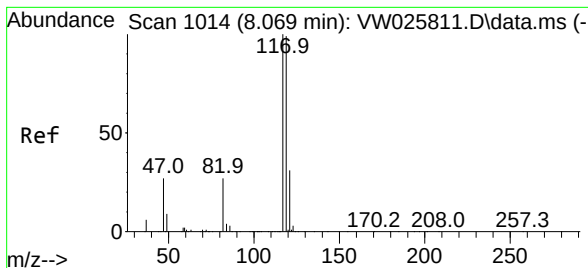
Tgt Ion: 56 Resp: 473339
Ion Ratio Lower Upper
56 100
69 28.3 23.4 35.0
84 77.5 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 21.838 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

Tgt Ion: 97 Resp: 370852
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 51.0 40.4 60.6





#31

Carbon tetrachloride

Concen: 21.729 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

Instrument :

MSVOA_W

ClientSampleId :

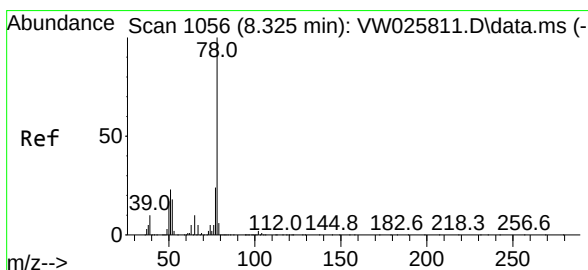
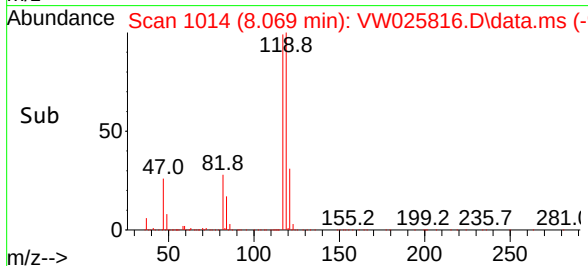
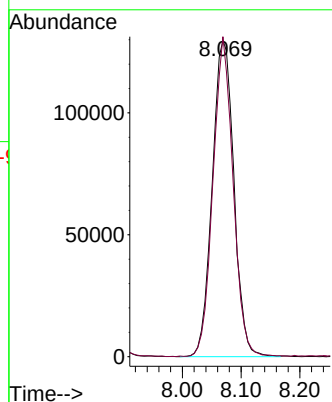
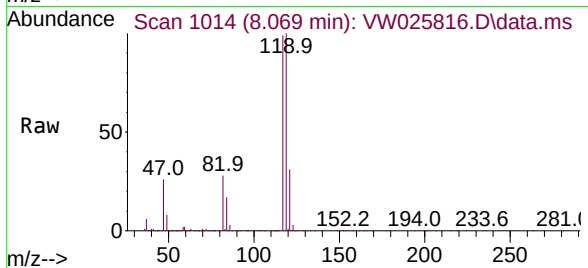
DCCJ7MSD

Tgt Ion:117 Resp: 332086

Ion Ratio Lower Upper

117 100

119 93.5 76.9 115.3



#33

Benzene

Concen: 21.729 ug/L

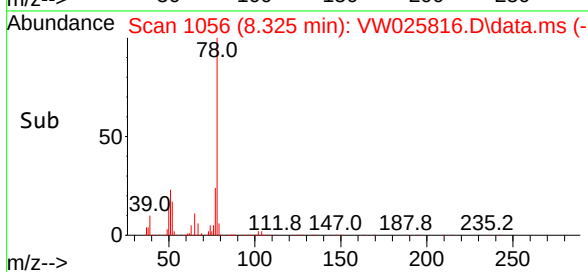
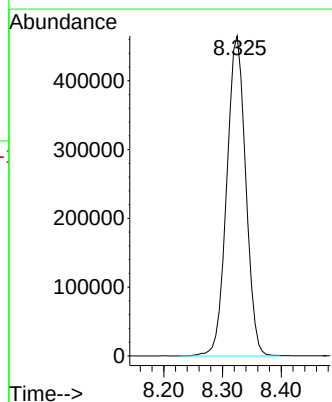
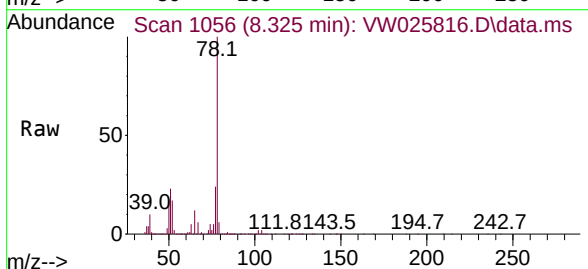
RT: 8.325 min Scan# 1056

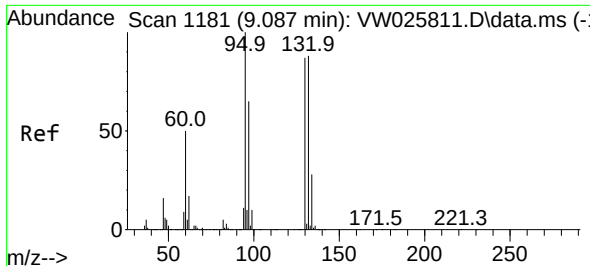
Delta R.T. -0.000 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

Tgt Ion: 78 Resp: 1043892

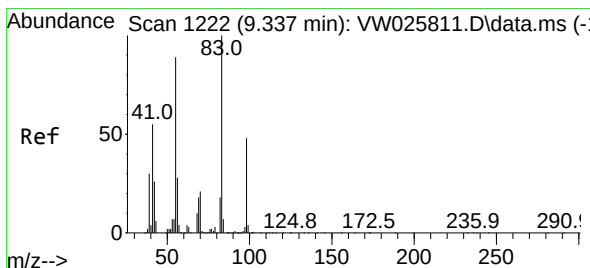
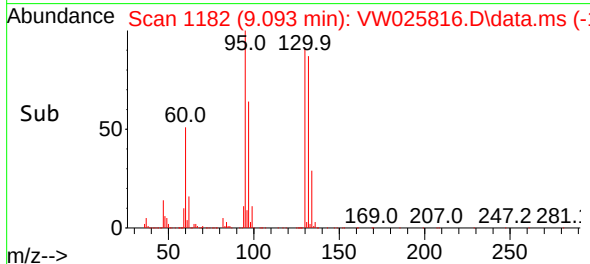
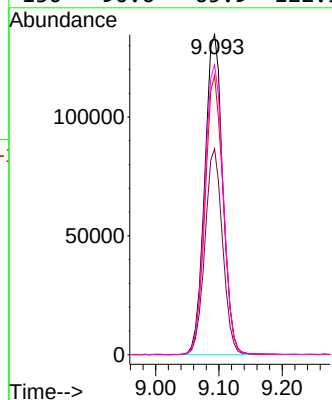
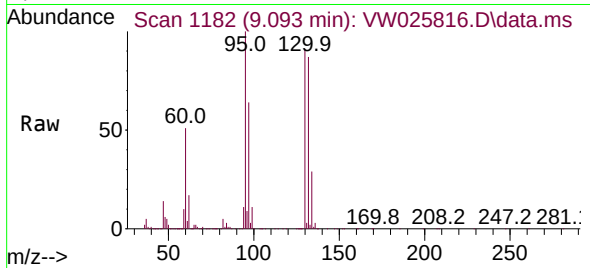




#34
Trichloroethene
Concen: 21.622 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

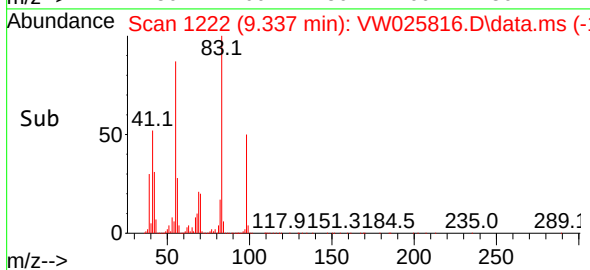
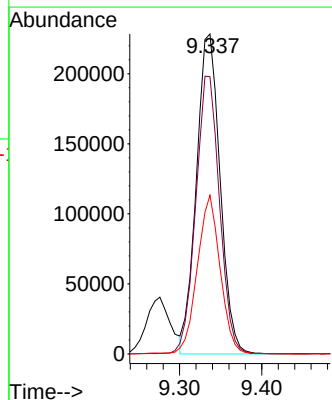
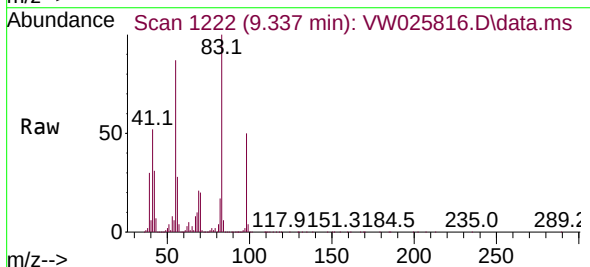
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MSD

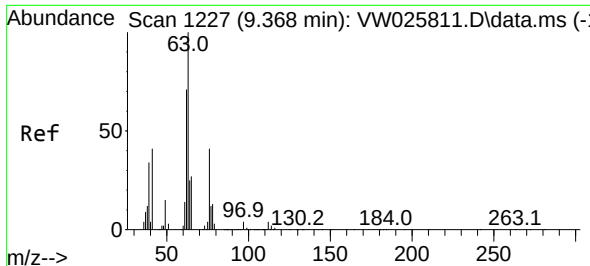
Tgt Ion: 95 Resp: 266554
Ion Ratio Lower Upper
95 100
97 64.4 45.9 85.3
132 87.3 66.0 122.6
130 90.6 65.9 122.3



#35
Methylcyclohexane
Concen: 20.872 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

Tgt Ion: 83 Resp: 457638
Ion Ratio Lower Upper
83 100
55 87.0 69.0 103.4
98 47.7 37.1 55.7





#37

1,2-Dichloropropane

Concen: 21.211 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

Instrument :

MSVOA_W

ClientSampleId :

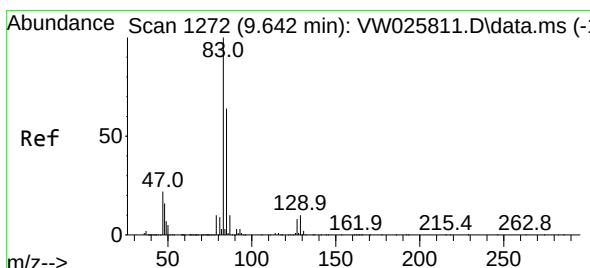
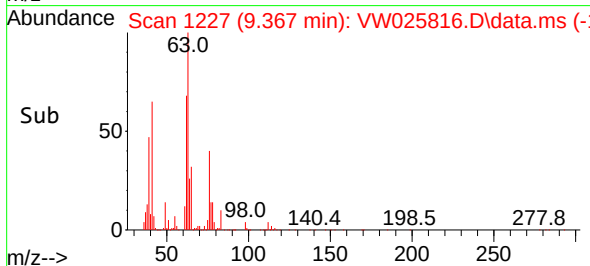
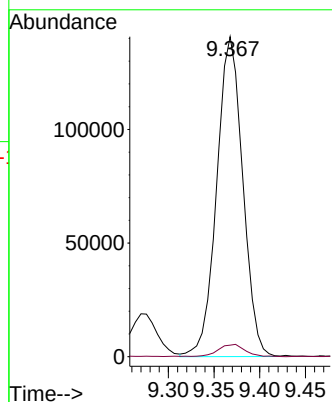
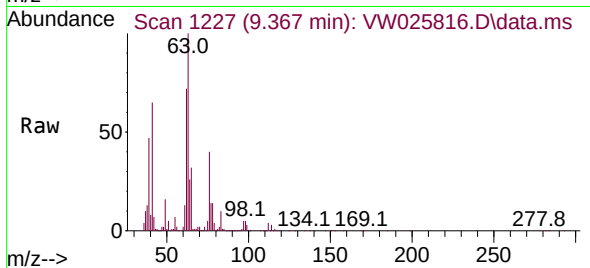
DCCJ7MSD

Tgt Ion: 63 Resp: 279191

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 21.286 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

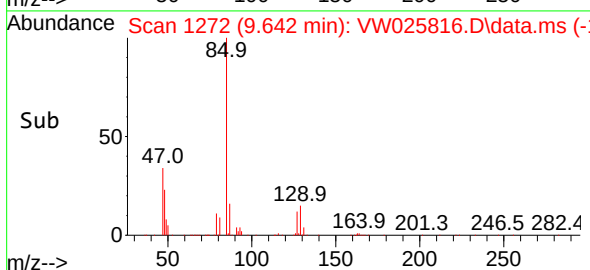
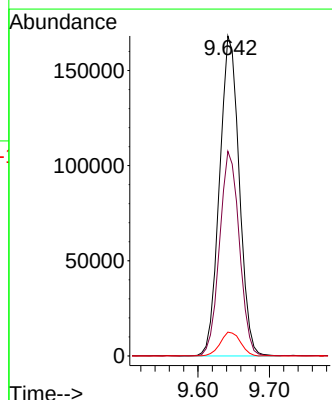
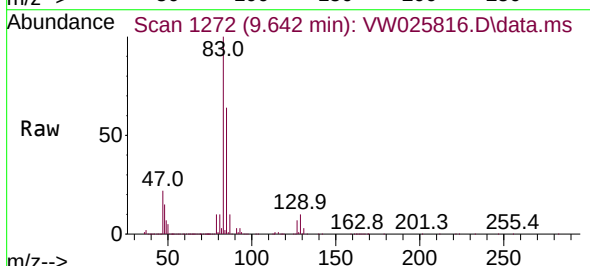
Tgt Ion: 83 Resp: 321442

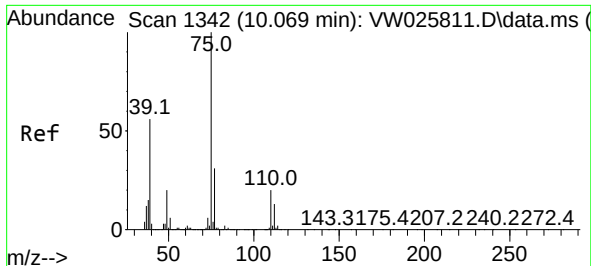
Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.5

127 7.5 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 21.569 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

Instrument :

MSVOA_W

ClientSampleId :

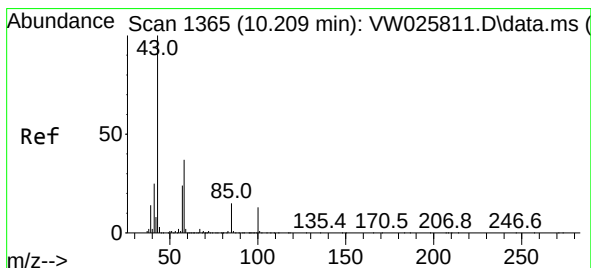
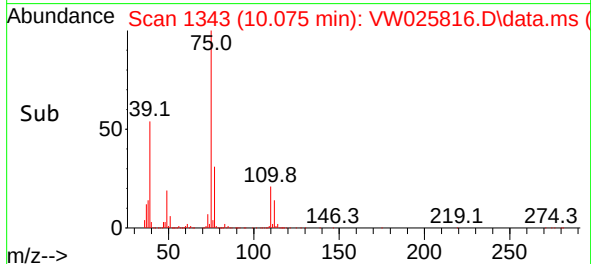
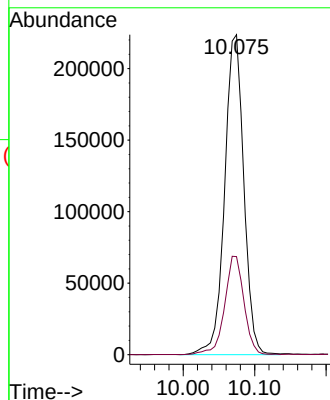
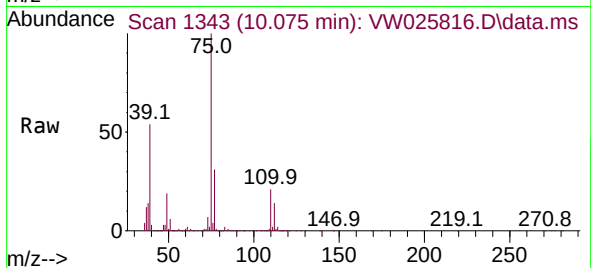
DCCJ7MSD

Tgt Ion: 75 Resp: 416324

Ion Ratio Lower Upper

75 100

77 30.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 41.546 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

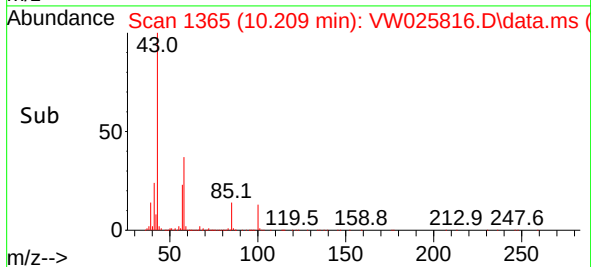
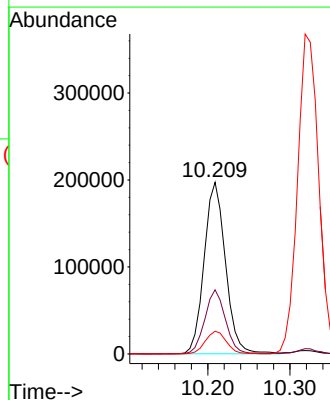
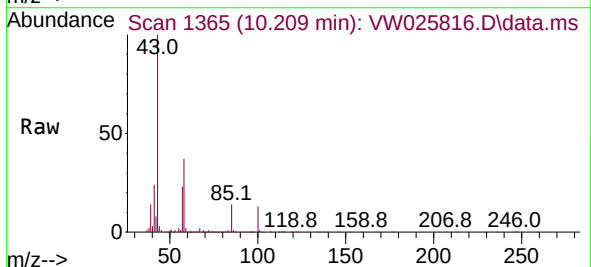
Tgt Ion: 43 Resp: 355947

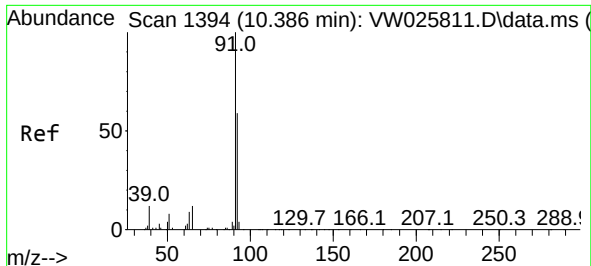
Ion Ratio Lower Upper

43 100

58 36.2 29.4 44.0

100 13.1 10.1 15.1

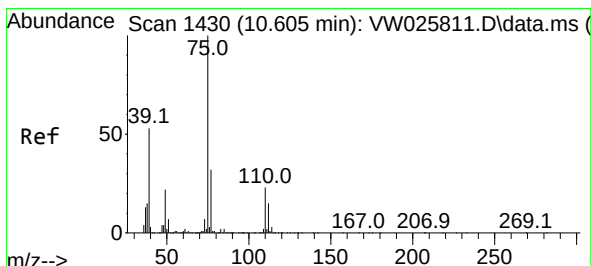
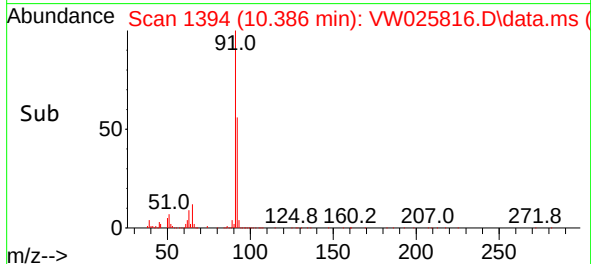
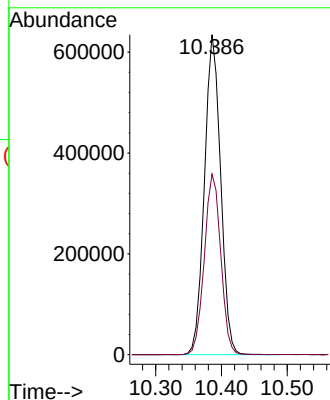
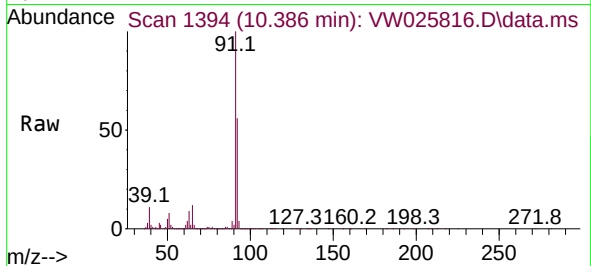




#42
Toluene
Concen: 22.144 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

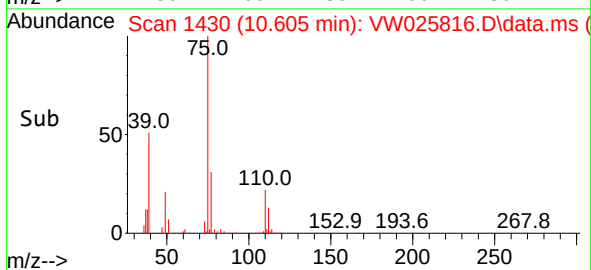
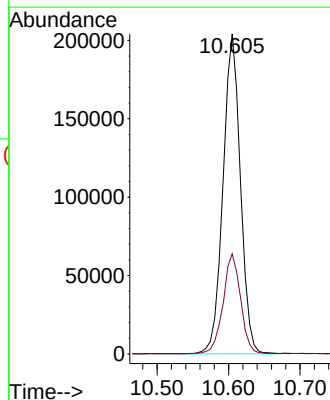
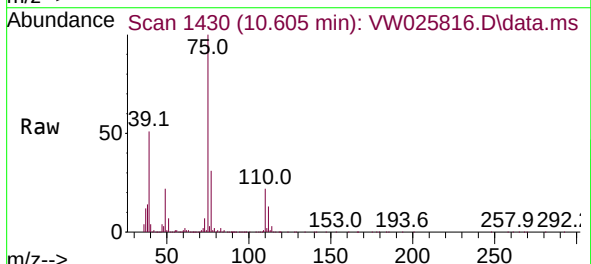
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MSD

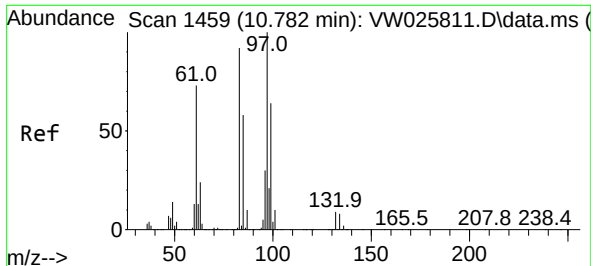
Tgt Ion: 91 Resp: 1087010
Ion Ratio Lower Upper
91 100
92 56.4 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 21.516 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

Tgt Ion: 75 Resp: 344121
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.4

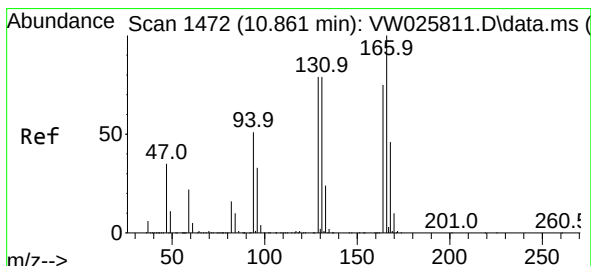
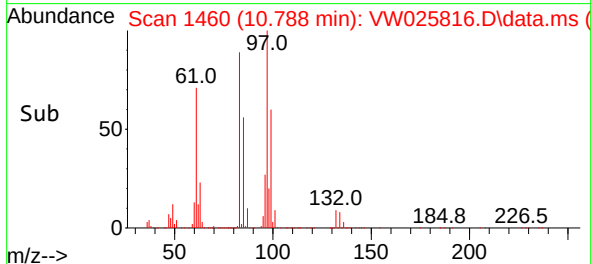
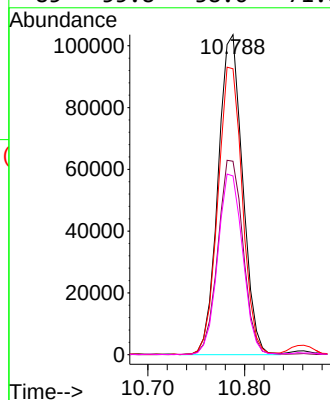
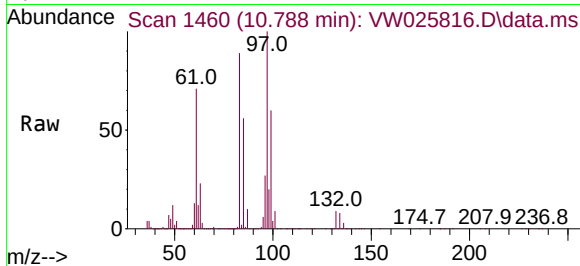




#45
1,1,2-Trichloroethane
Concen: 20.711 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

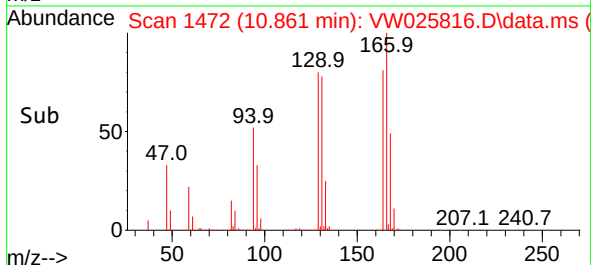
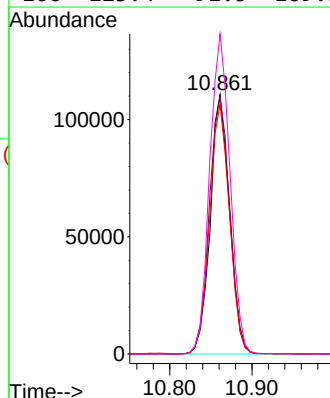
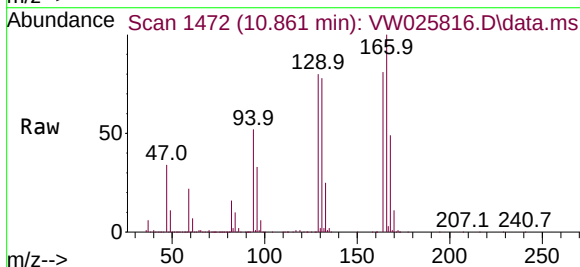
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MSD

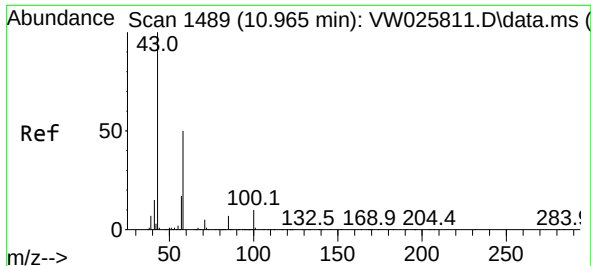
Tgt Ion: 97 Resp: 182359
Ion Ratio Lower Upper
97 100
99 60.4 44.5 82.7
83 89.4 63.0 117.0
85 55.8 38.6 71.8



#46
Tetrachloroethene
Concen: 20.977 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

Tgt Ion:164 Resp: 181936
Ion Ratio Lower Upper
164 100
129 99.1 74.3 138.1
131 96.2 71.3 132.3
166 123.4 91.5 169.9



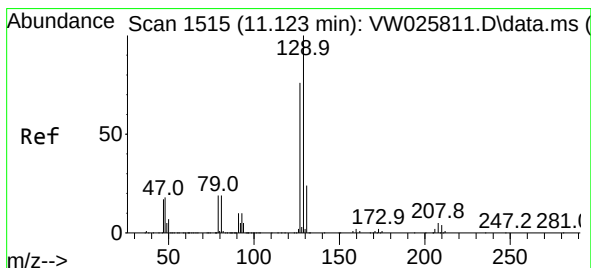
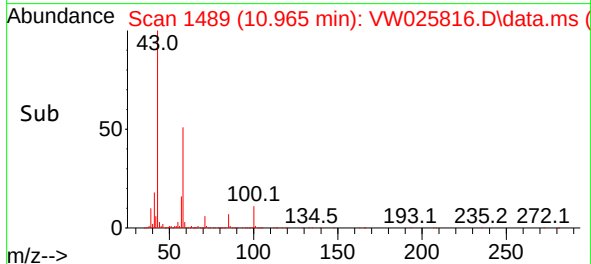
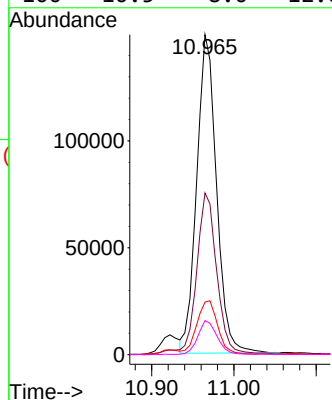
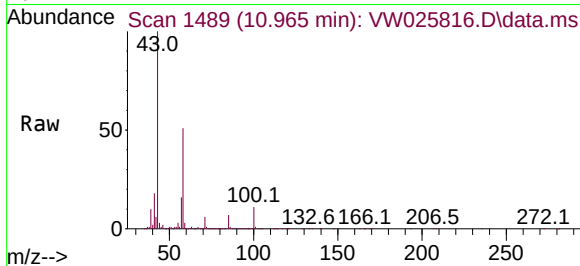


#48
2-Hexanone
Concen: 40.695 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MSD

Tgt Ion: 43 Resp: 249772

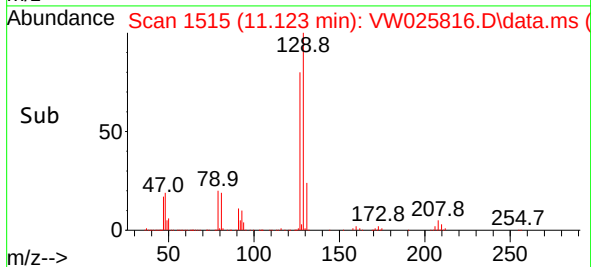
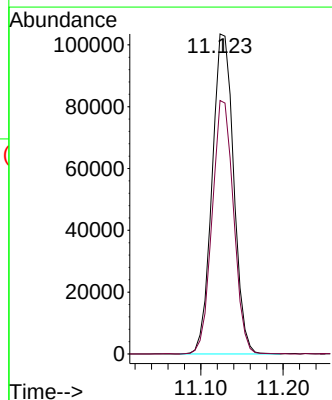
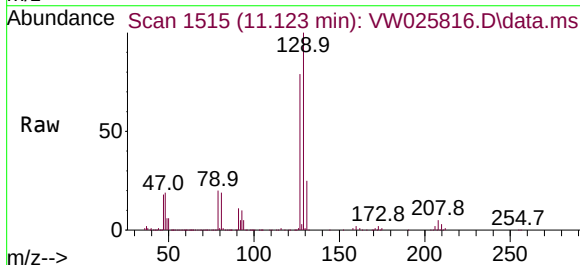
Ion	Ratio	Lower	Upper
43	100		
58	49.3	40.8	61.2
57	17.9	13.6	20.4
100	10.5	8.0	12.0

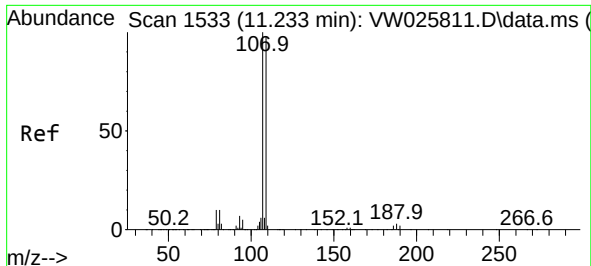


#49
Dibromochloromethane
Concen: 20.701 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

Tgt Ion: 129 Resp: 188698

Ion	Ratio	Lower	Upper
129	100		
127	79.2	56.1	104.3





#50

1,2-Dibromoethane

Concen: 20.993 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

Instrument :

MSVOA_W

ClientSampleId :

DCCJ7MSD

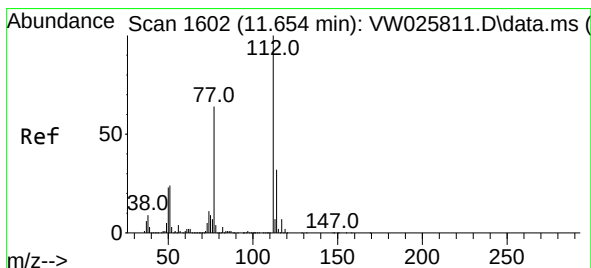
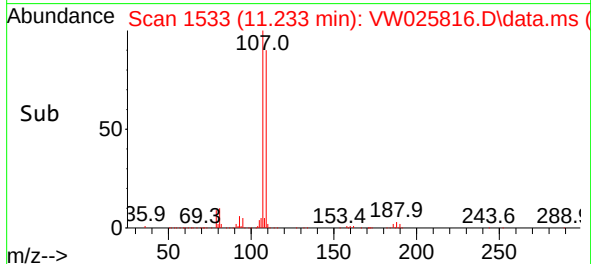
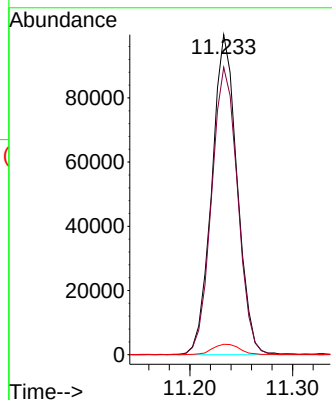
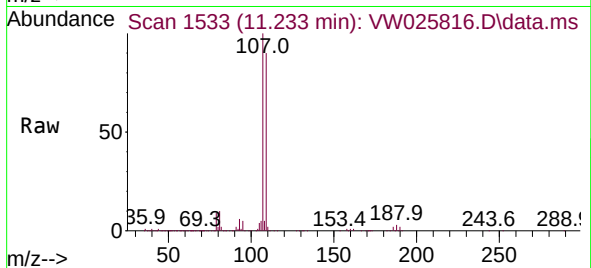
Tgt Ion:107 Resp: 170397

Ion Ratio Lower Upper

107 100

109 89.8 67.5 125.4

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 20.883 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

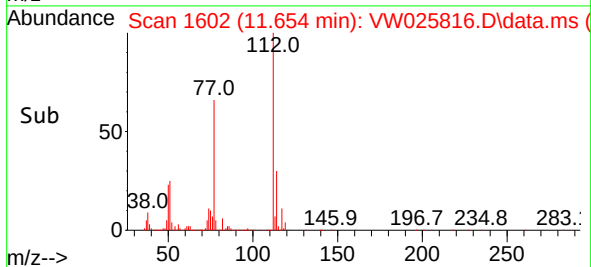
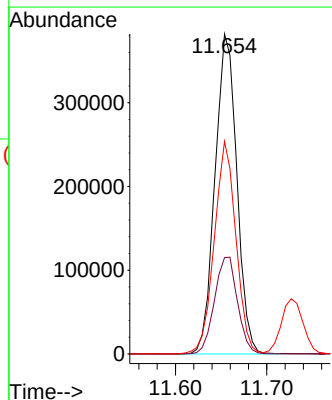
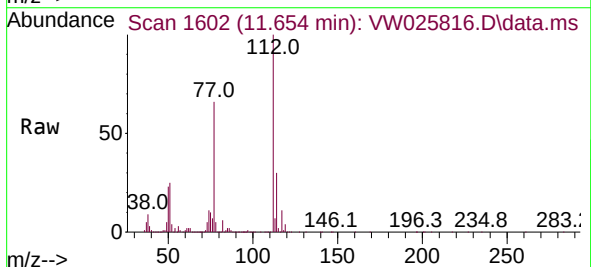
Tgt Ion:112 Resp: 635059

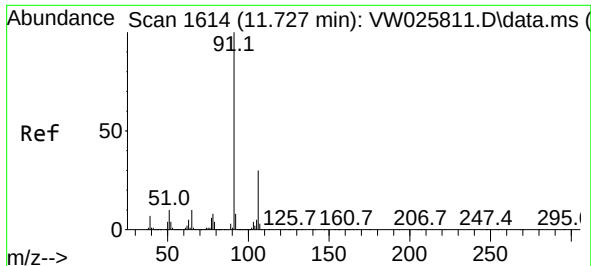
Ion Ratio Lower Upper

112 100

114 30.1 22.7 42.3

77 66.4 53.0 79.6

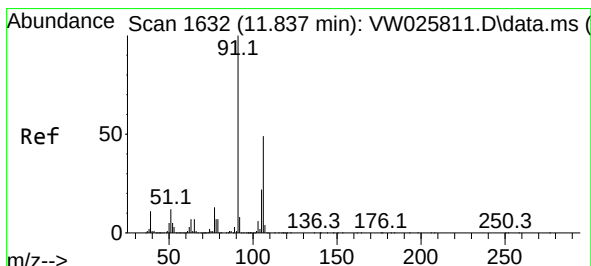
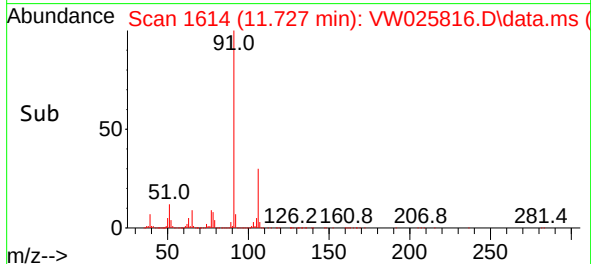
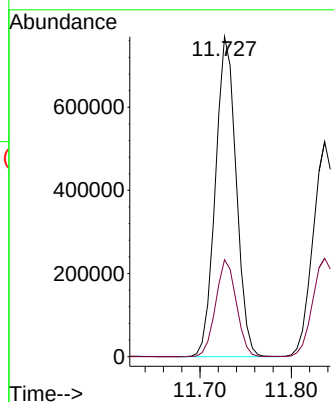
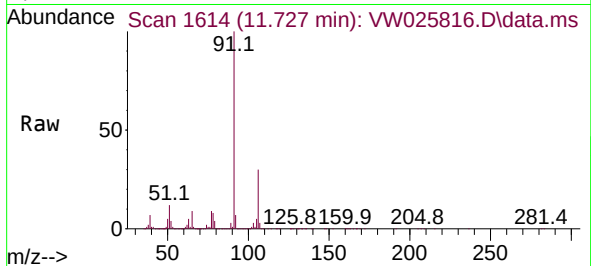




#52
Ethylbenzene
Concen: 22.014 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

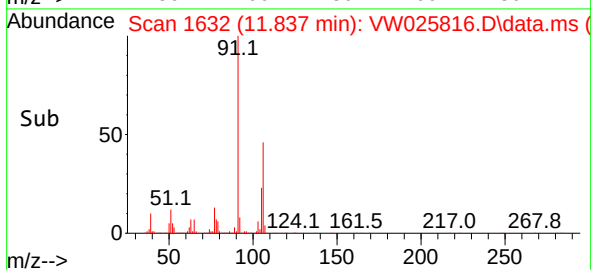
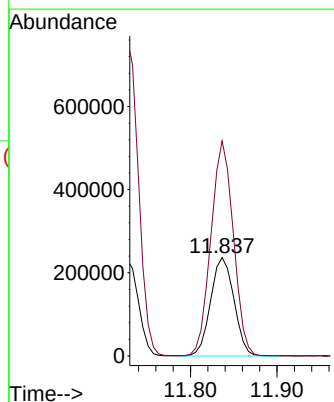
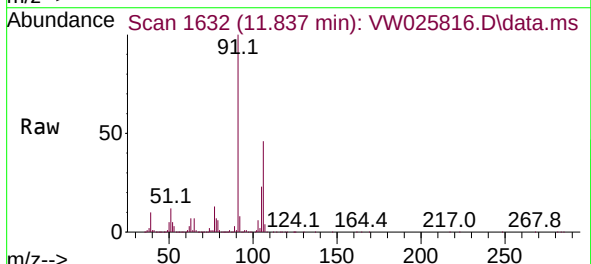
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MSD

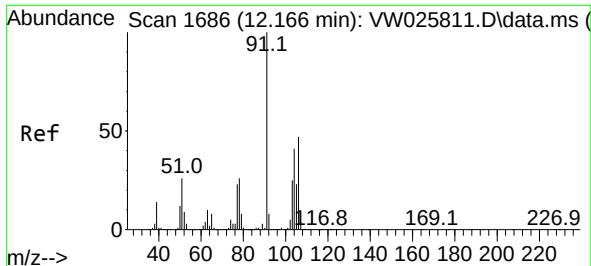
Tgt Ion: 91 Resp: 1215556
Ion Ratio Lower Upper
91 100
106 30.3 20.8 38.6



#53
m,p-Xylene
Concen: 21.782 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

Tgt Ion:106 Resp: 442679
Ion Ratio Lower Upper
106 100
91 218.5 150.1 278.9

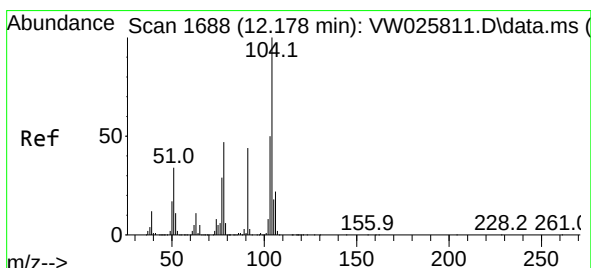
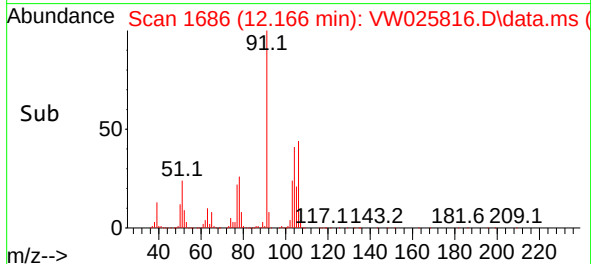
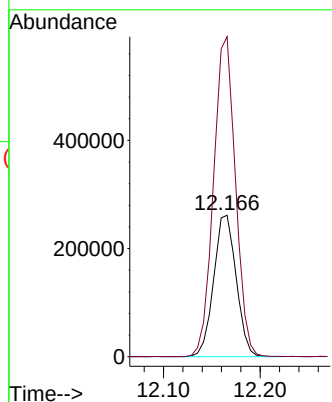
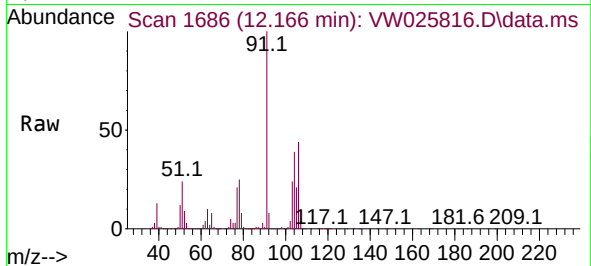




#54
o-Xylene
Concen: 22.037 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

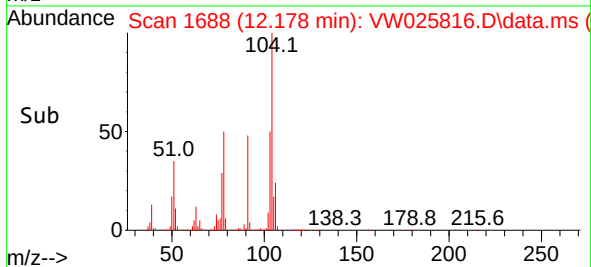
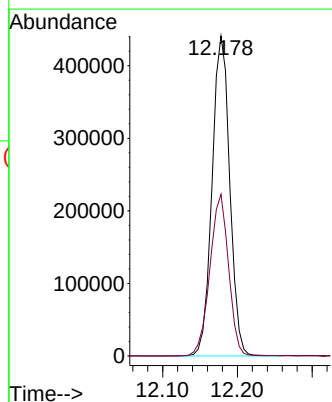
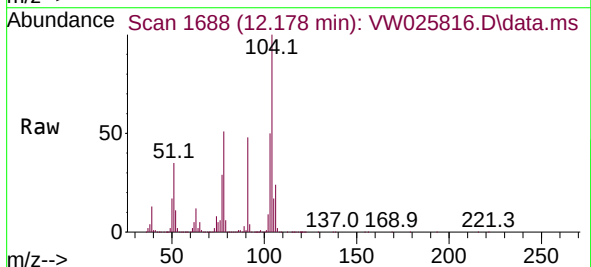
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MSD

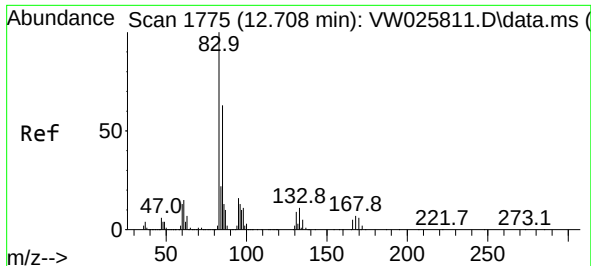
Tgt Ion:106 Resp: 422126
Ion Ratio Lower Upper
106 100
91 226.1 157.8 293.1



#55
Styrene
Concen: 22.088 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

Tgt Ion:104 Resp: 724184
Ion Ratio Lower Upper
104 100
78 50.5 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 20.679 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

Instrument :

MSVOA_W

ClientSampleId :

DCCJ7MSD

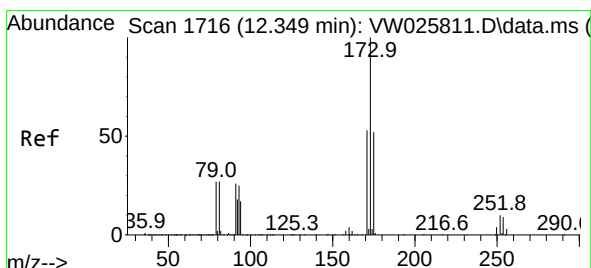
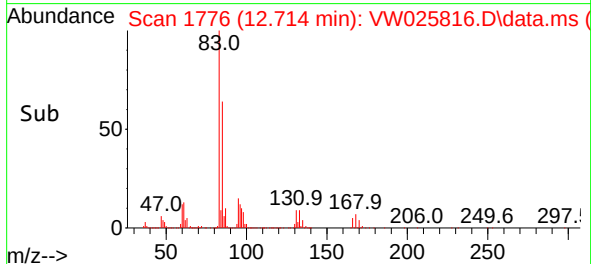
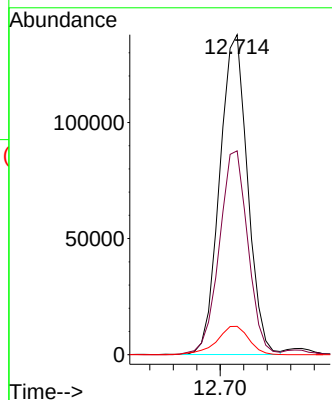
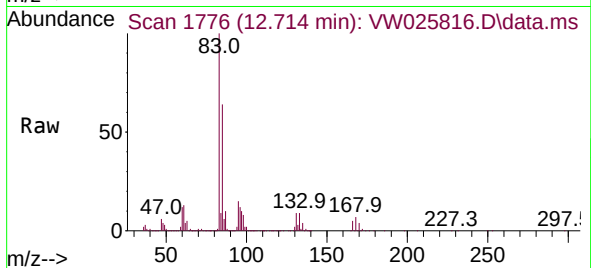
Tgt Ion: 83 Resp: 227190

Ion Ratio Lower Upper

83 100

85 63.7 45.6 84.8

131 8.8 8.1 12.1



#59

Bromoform

Concen: 20.880 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

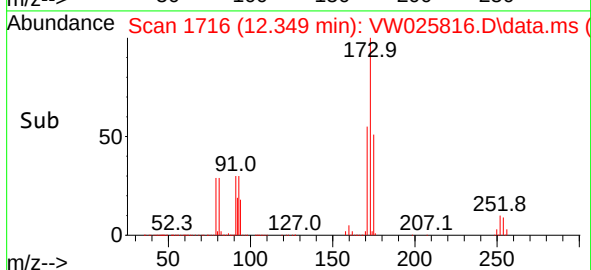
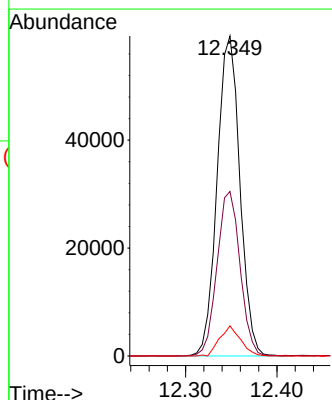
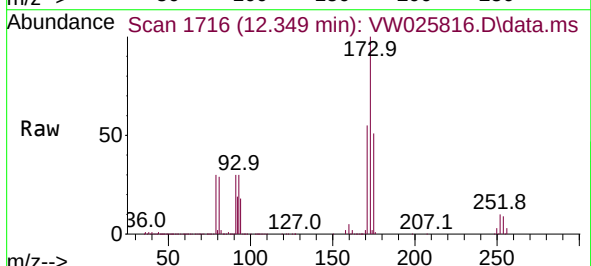
Tgt Ion:173 Resp: 102903

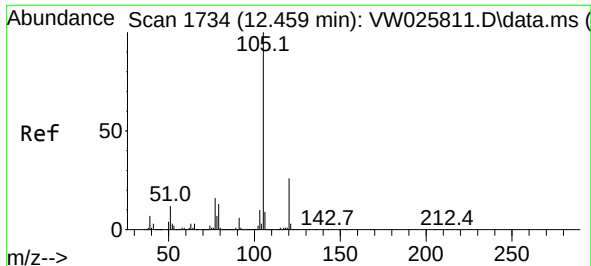
Ion Ratio Lower Upper

173 100

175 51.9 38.6 57.8

254 8.6 7.6 11.4

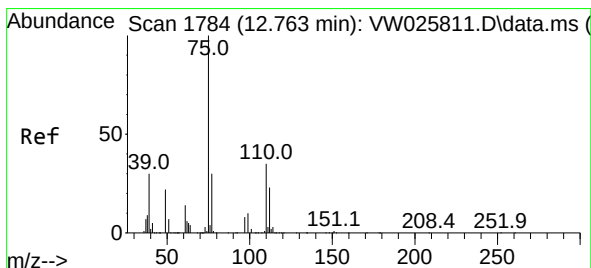
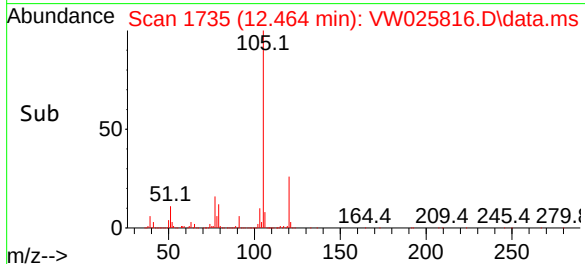
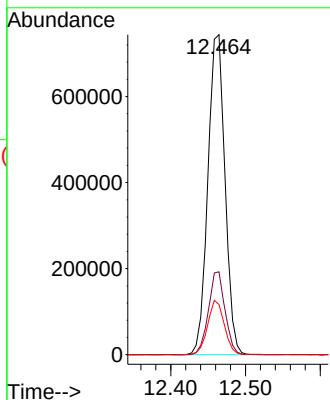
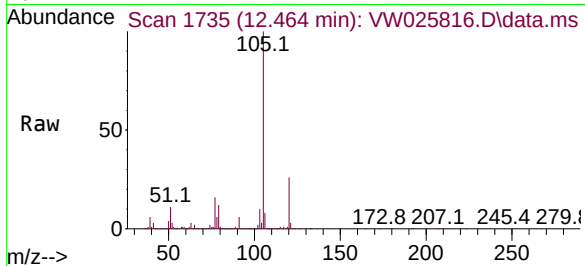




#60
Isopropylbenzene
Concen: 23.357 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

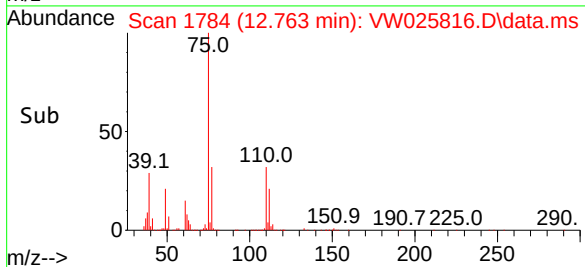
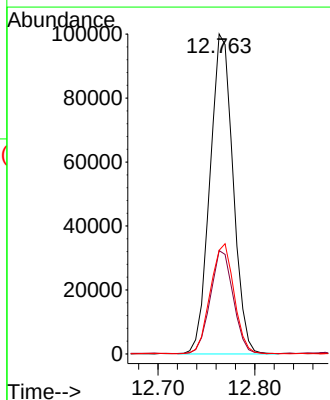
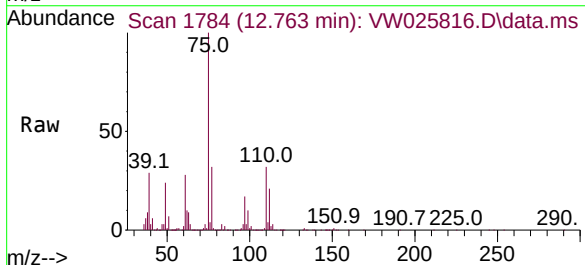
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MSD

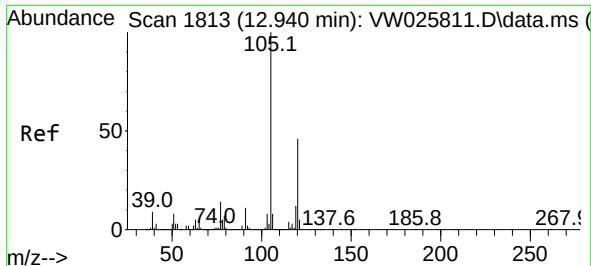
Tgt Ion:105 Resp: 1181293
Ion Ratio Lower Upper
105 100
120 25.1 21.1 31.7
77 16.6 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 21.080 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025816.D
Acq: 03 May 2023 10:57

Tgt Ion: 75 Resp: 165763
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
110 35.5 27.6 41.4

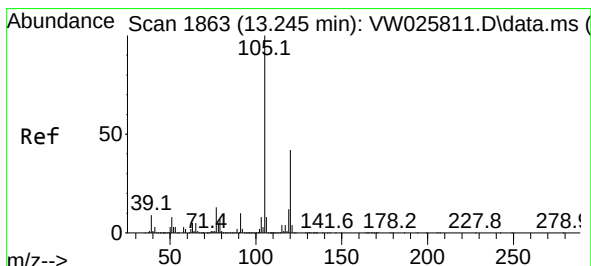
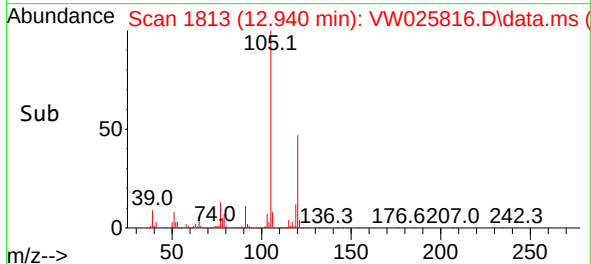
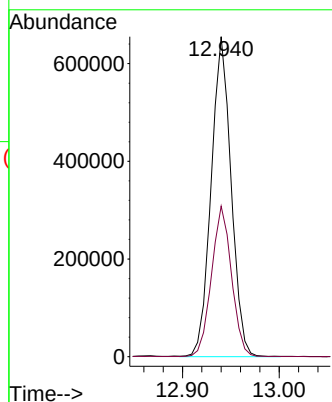
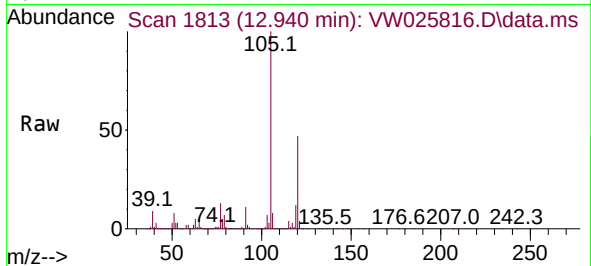




#62
 1,3,5-Trimethylbenzene
 Concen: 23.449 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW025816.D
 Acq: 03 May 2023 10:57

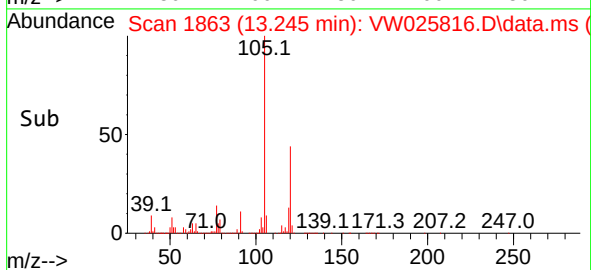
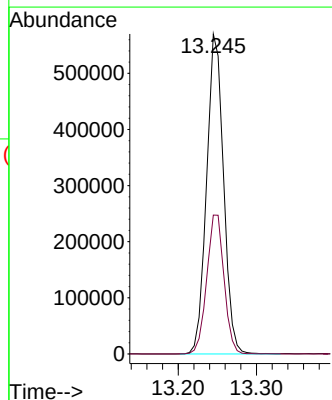
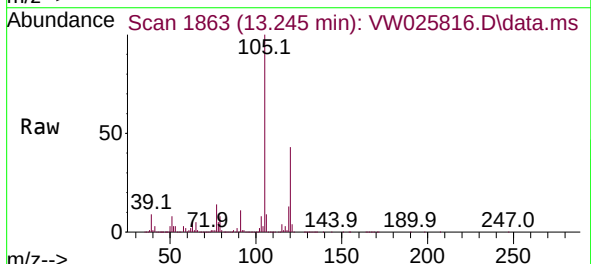
Instrument :
 MSVOA_W
 ClientSampleId :
 DCCJ7MSD

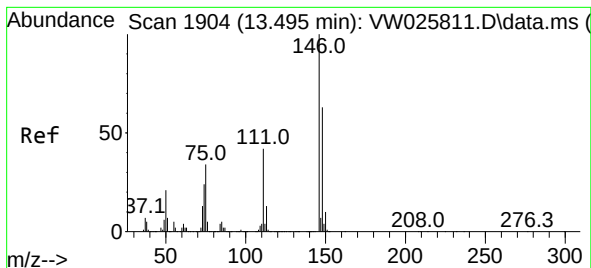
Tgt Ion:105 Resp: 939352
 Ion Ratio Lower Upper
 105 100
 120 47.2 37.1 55.7



#63
 1,2,4-Trimethylbenzene
 Concen: 23.125 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW025816.D
 Acq: 03 May 2023 10:57

Tgt Ion:105 Resp: 854855
 Ion Ratio Lower Upper
 105 100
 120 44.4 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 20.992 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

Instrument :

MSVOA_W

ClientSampleId :

DCCJ7MSD

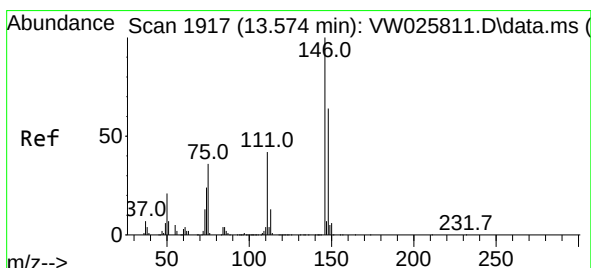
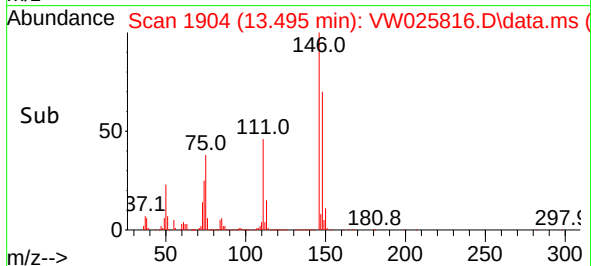
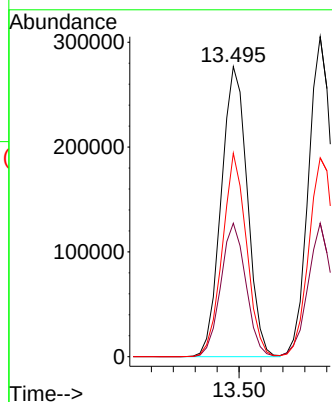
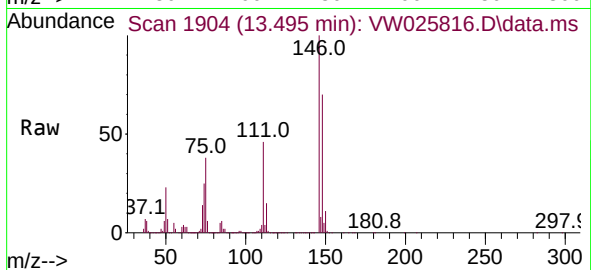
Tgt Ion:146 Resp: 457039

Ion Ratio Lower Upper

146 100

111 46.0 30.4 56.4

148 70.2 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 21.582 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

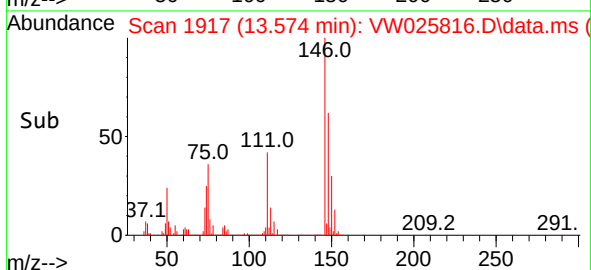
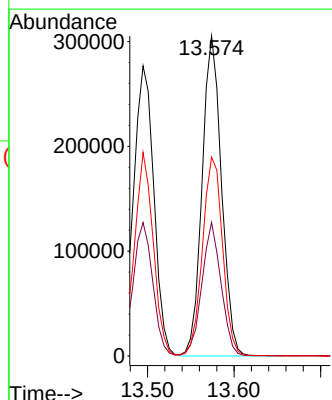
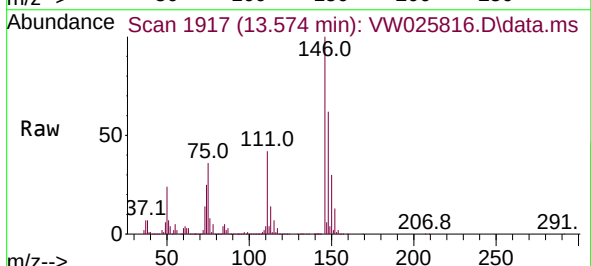
Tgt Ion:146 Resp: 474721

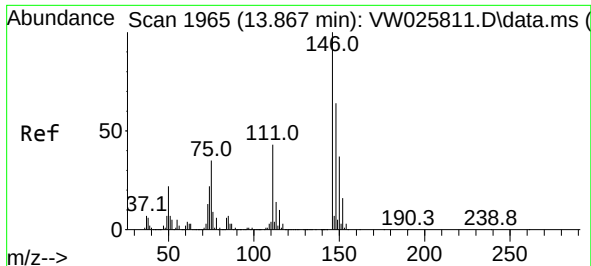
Ion Ratio Lower Upper

146 100

111 41.8 27.9 51.9

148 62.2 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 21.353 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

Instrument :

MSVOA_W

ClientSampleId :

DCCJ7MSD

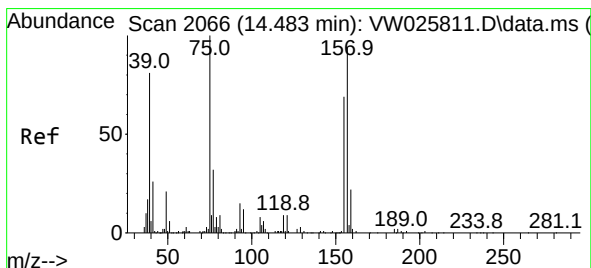
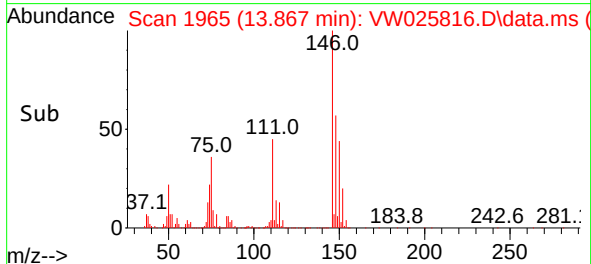
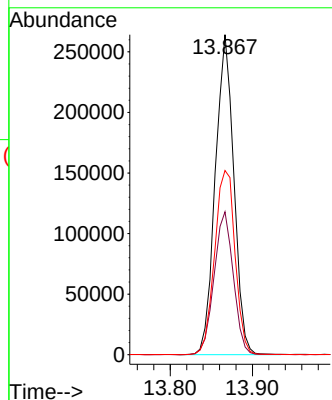
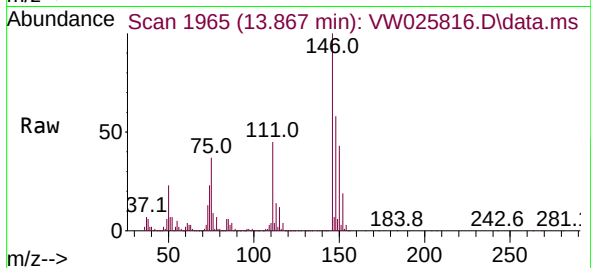
Tgt Ion:146 Resp: 414598

Ion Ratio Lower Upper

146 100

111 44.7 37.7 56.5

148 57.5 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 19.738 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

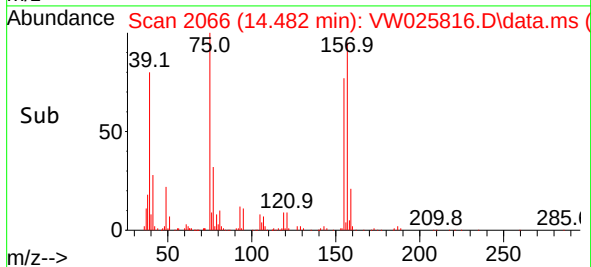
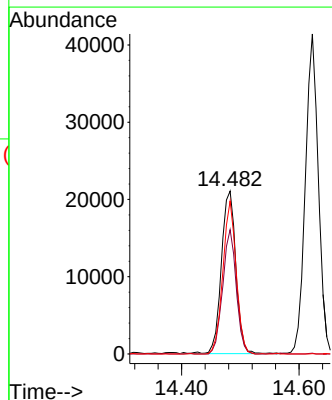
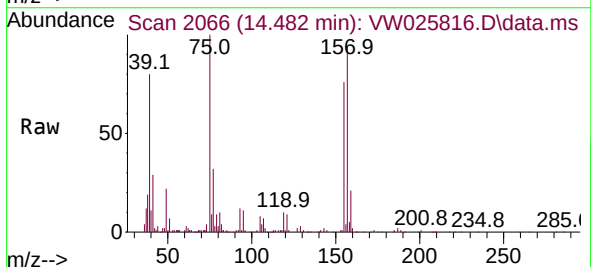
Tgt Ion: 75 Resp: 35991

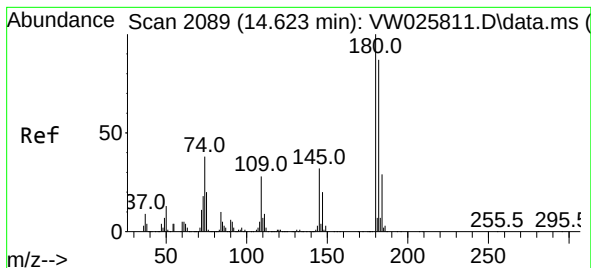
Ion Ratio Lower Upper

75 100

155 76.3 56.3 84.5

157 93.9 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 19.785 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025816.D

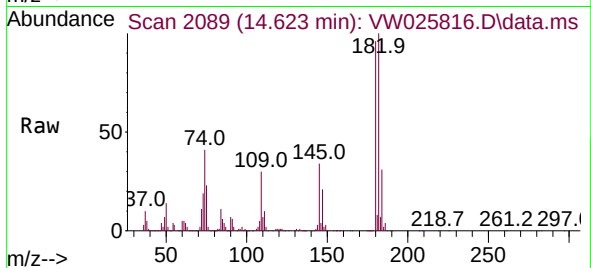
Acq: 03 May 2023 10:57

Instrument :

MSVOA_W

ClientSampleId :

DCCJ7MSD



Tgt Ion:180 Resp: 285937

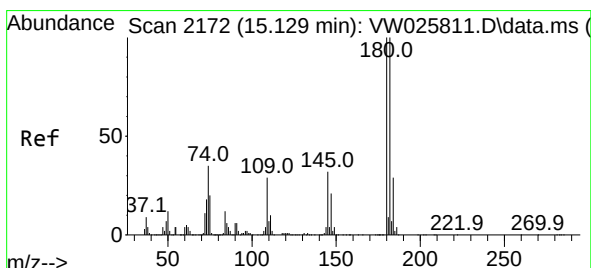
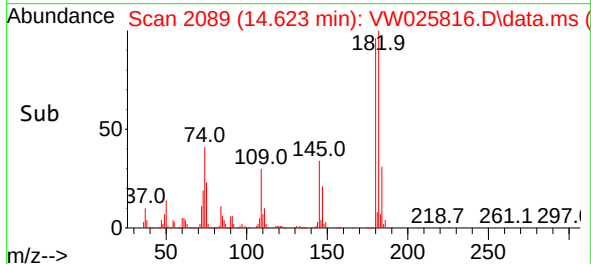
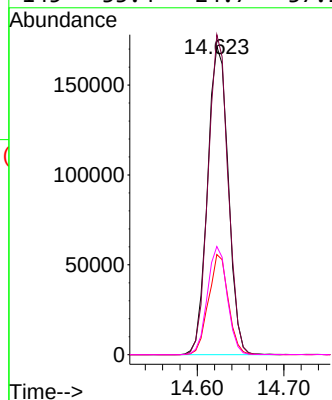
Ion Ratio Lower Upper

180 100

182 99.5 77.4 116.0

184 30.9 24.7 37.1

145 33.4 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 20.303 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

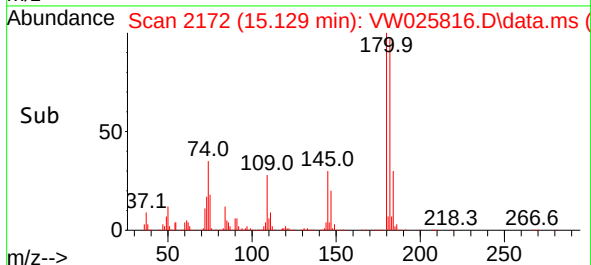
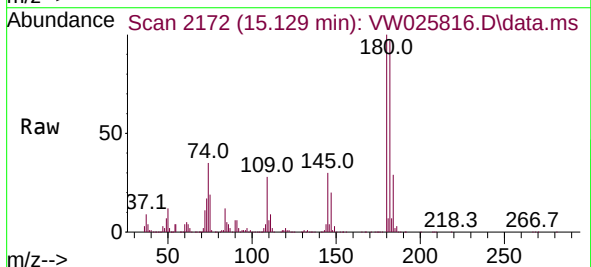
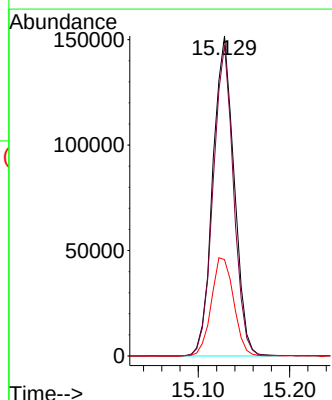
Tgt Ion:180 Resp: 245825

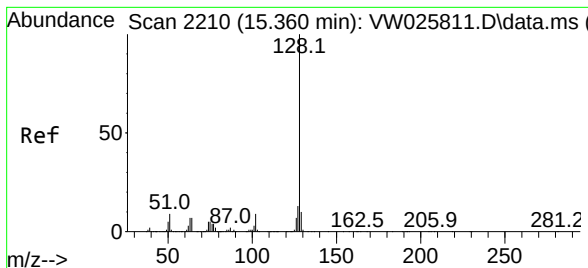
Ion Ratio Lower Upper

180 100

182 93.0 74.3 111.5

145 32.2 25.4 38.0





#71

Naphthalene

Concen: 20.652 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

Instrument :

MSVOA_W

ClientSampleId :

DCCJ7MSD

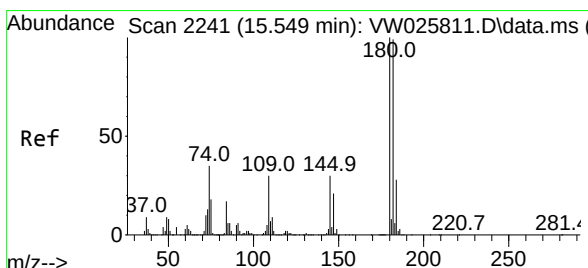
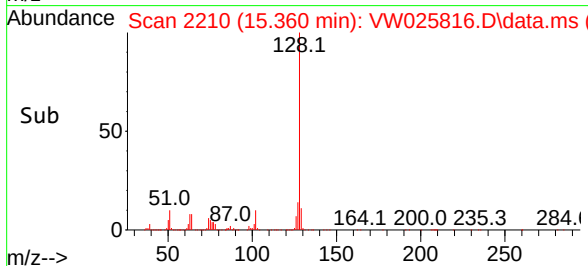
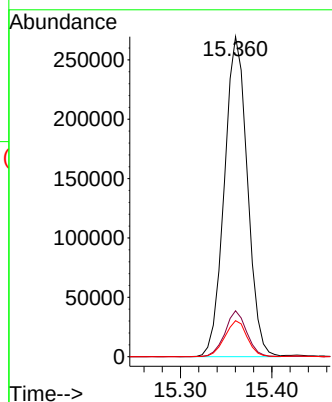
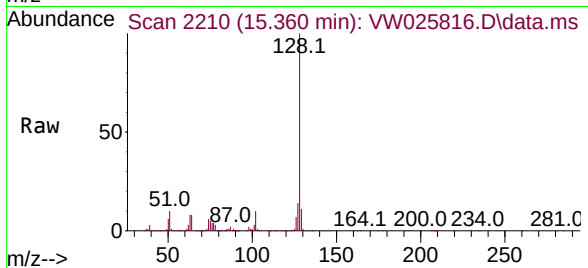
Tgt Ion:128 Resp: 471939

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 20.046 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025816.D

Acq: 03 May 2023 10:57

Tgt Ion:180 Resp: 215356

Ion Ratio Lower Upper

180 100

182 94.1 76.1 114.1

145 34.6 28.0 42.0

