

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051523\
 Data File : VW025979.D
 Acq On : 15 May 2023 13:01
 Operator : SY/MD
 Sample : 02769-04MSD
 Misc : 5.33g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 15 23:36:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 15 23:34:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	708032	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	647262	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	330253	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	234771	23.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.600%
7) Chloroethane-d5	2.899	69	193300	25.987	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.960%
11) 1,1-Dichloroethene-d2	4.021	65	115267	22.943	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.760%
21) 2-Butanone-d5	7.075	46	229252	69.117	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.240%#
24) Chloroform-d	7.648	84	553041	27.088	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.360%
26) 1,2-Dichloroethane-d4	8.307	65	321112	27.814	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.240%
32) Benzene-d6	8.276	84	1045151	24.712	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.840%
36) 1,2-Dichloropropane-d6	9.276	67	366088	27.054	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.200%
41) Toluene-d8	10.325	98	941443	24.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.840%
43) trans-1,3-Dichloroprop...	10.575	79	149504	27.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.040%
47) 2-Hexanone-d5	10.922	63	172782	74.880	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.760%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	340081	32.973	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.880%#
66) 1,2-Dichlorobenzene-d4	13.848	152	323705	26.888	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	163181	20.629	ug/L	98
3) Chloromethane	2.222	50	280552	24.054	ug/L	99
5) Vinyl chloride	2.375	62	289807	24.006	ug/L	98
6) Bromomethane	2.783	94	158651	24.163	ug/L	99
8) Chloroethane	2.930	64	171674	25.009	ug/L	99
9) Trichlorofluoromethane	3.265	101	197379	21.665	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	242928	24.518	ug/L	99
12) 1,1-Dichloroethene	4.045	96	223960	23.651	ug/L	98
13) Acetone	4.118	43	218018	74.128	ug/L	100
14) Carbon disulfide	4.393	76	700919	21.888	ug/L	99
15) Methyl Acetate	4.667	43	153506	26.486	ug/L	99
16) Methylene chloride	4.917	84	311634	21.342	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	244835	23.701	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	457418	29.175	ug/L	99
19) 1,1-Dichloroethane	6.216	63	521282	24.561	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	275993	24.903	ug/L	96
22) 2-Butanone	7.167	43	226506	55.775	ug/L	98
23) Bromochloromethane	7.514	128	122453	26.081	ug/L	98
25) Chloroform	7.679	83	494757	25.363	ug/L	98

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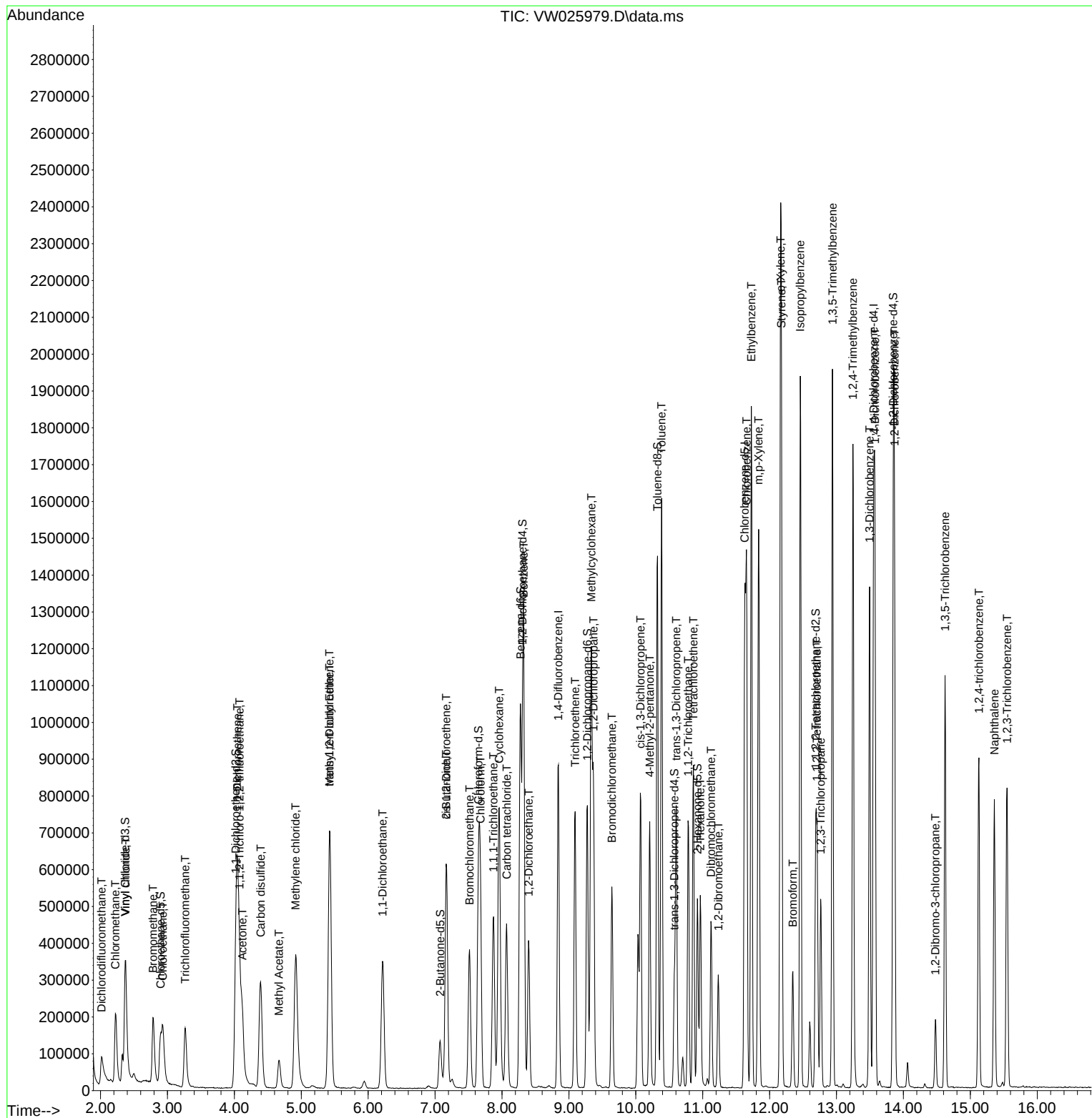
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	356671	25.746	ug/L	99
29) Cyclohexane	7.959	56	459472	22.907	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	374514	23.659	ug/L	99
31) Carbon tetrachloride	8.069	117	330097	23.172	ug/L	99
33) Benzene	8.325	78	1063726	23.754	ug/L	100
34) Trichloroethene	9.093	95	264778	23.042	ug/L	95
35) Methylcyclohexane	9.337	83	456192	22.321	ug/L	99
37) 1,2-Dichloropropane	9.367	63	310474	25.306	ug/L	100
38) Bromodichloromethane	9.642	83	360157	25.587	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	470500	26.150	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	497350	62.279	ug/L	99
42) Toluene	10.386	91	1108082	24.217	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	408528	27.403	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	226953	27.653	ug/L	97
46) Tetrachloroethene	10.861	164	183373	22.683	ug/L	96
48) 2-Hexanone	10.965	43	348937	60.993	ug/L	99
49) Dibromochloromethane	11.123	129	231237	27.215	ug/L	98
50) 1,2-Dibromoethane	11.233	107	205195	27.121	ug/L	97
51) Chlorobenzene	11.654	112	688251	24.281	ug/L	100
52) Ethylbenzene	11.727	91	1256109	24.405	ug/L	99
53) m,p-Xylene	11.837	106	466256	24.613	ug/L	89
54) o-Xylene	12.166	106	441634	24.734	ug/L	90
55) Styrene	12.178	104	642011	21.008	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	300503	29.345	ug/L	97
59) Bromoform	12.349	173	136304	27.864	ug/L	99
60) Isopropylbenzene	12.458	105	1195781	23.820	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	216956	27.797	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	969709	24.389	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	922817	25.151	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	503538	23.301	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	521835	23.902	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	482554	25.039	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	50107	27.685	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	320682	22.355	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	262978	21.883	ug/L	96
71) Naphthalene	15.360	128	609649	26.878	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	253534	23.777	ug/L	99

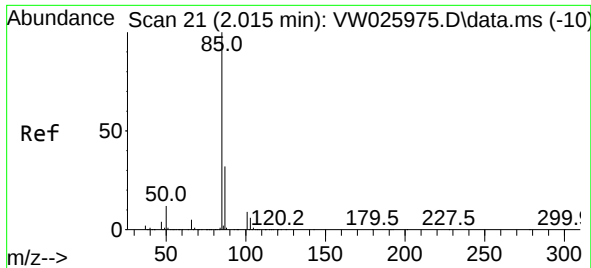
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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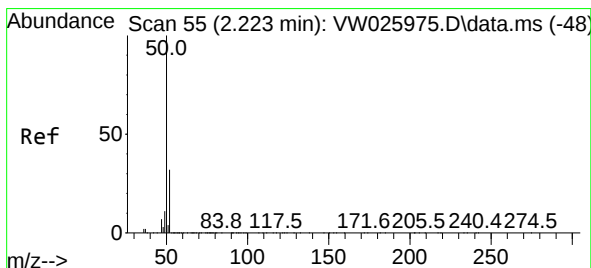
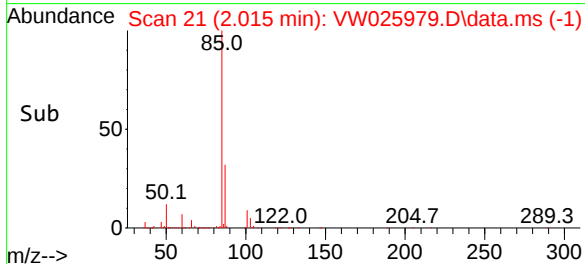
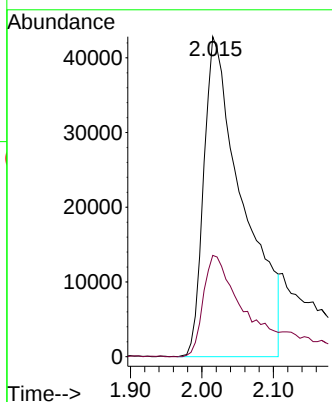
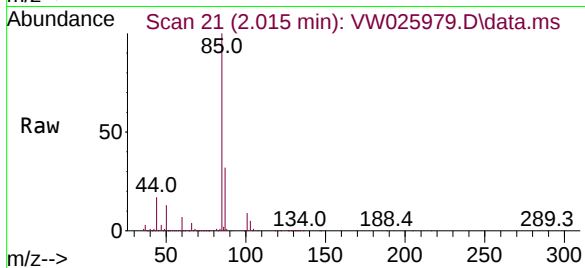




#2
 Dichlorodifluoromethane
 Concen: 20.629 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025979.D
 Acq: 15 May 2023 13:01

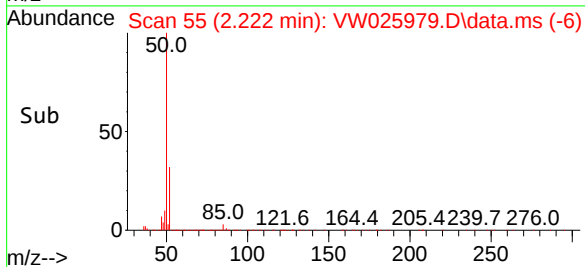
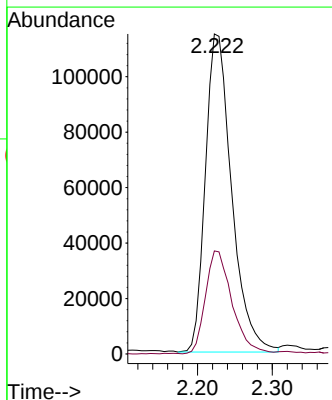
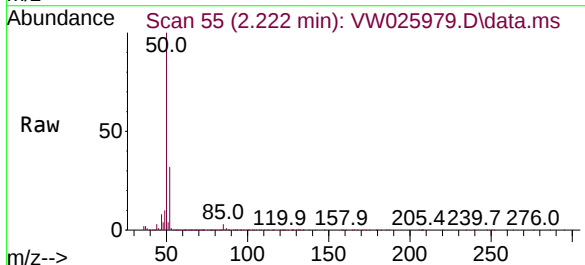
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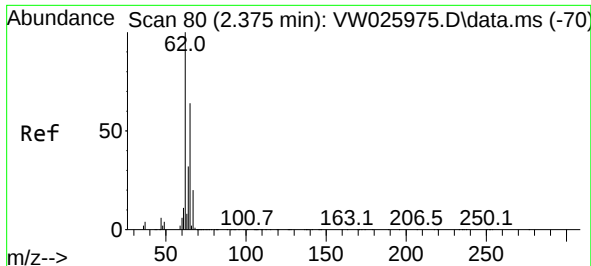
Tgt Ion: 85 Resp: 163181
 Ion Ratio Lower Upper
 85 100
 87 32.0 24.7 37.1



#3
 Chloromethane
 Concen: 24.054 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025979.D
 Acq: 15 May 2023 13:01

Tgt Ion: 50 Resp: 280552
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.1 41.1

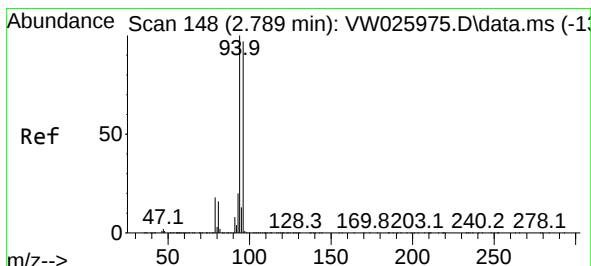
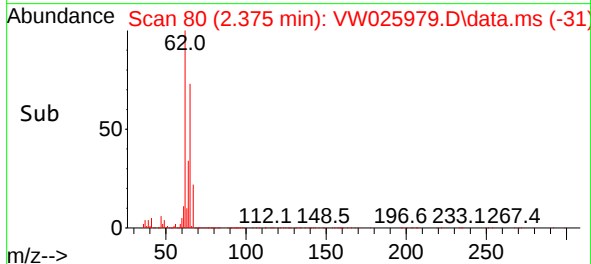
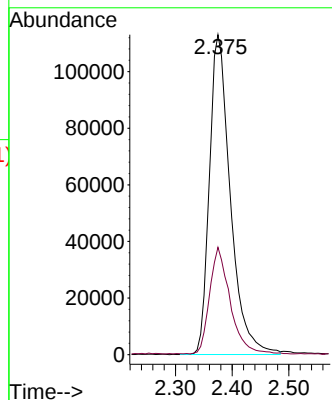
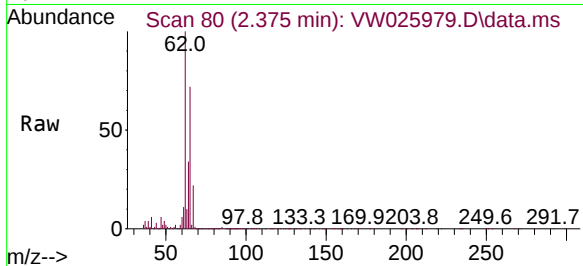




#5
 Vinyl chloride
 Concen: 24.006 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025979.D
 Acq: 15 May 2023 13:01

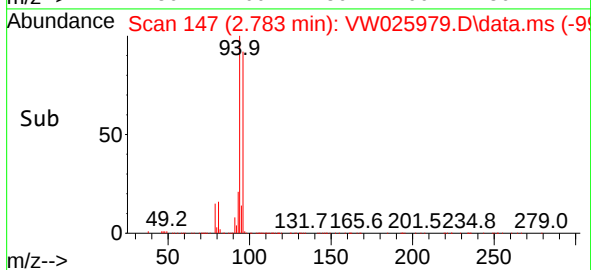
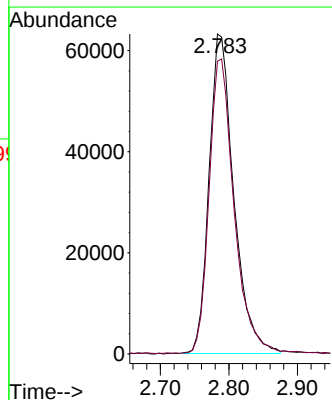
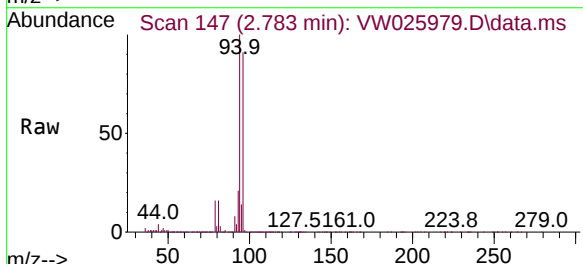
Instrument :
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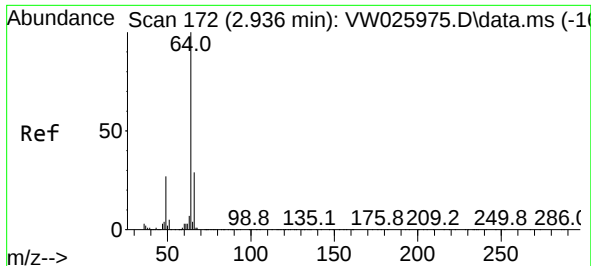
Tgt Ion: 62 Resp: 289807
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.7 42.3



#6
 Bromomethane
 Concen: 24.163 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW025979.D
 Acq: 15 May 2023 13:01

Tgt Ion: 94 Resp: 158651
 Ion Ratio Lower Upper
 94 100
 96 91.5 63.1 117.1

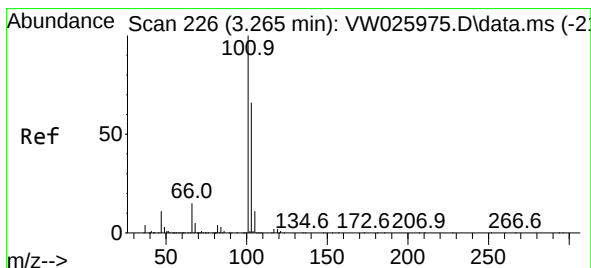
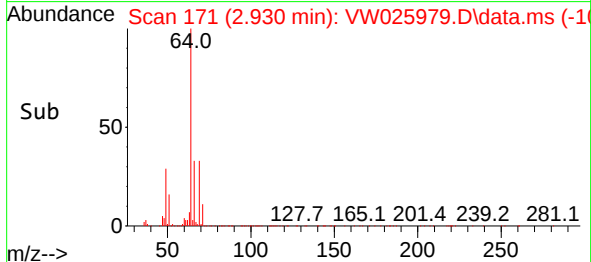
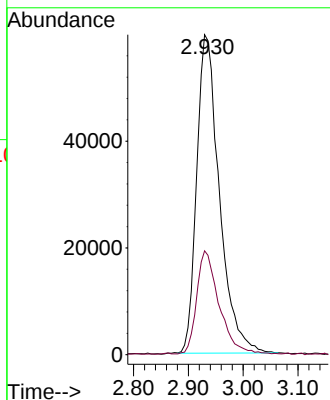
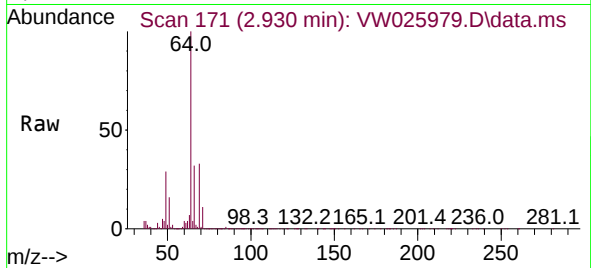




#8
Chloroethane
Concen: 25.009 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

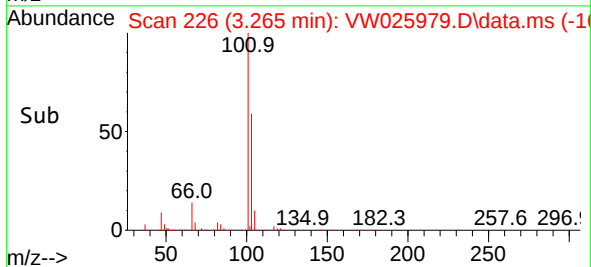
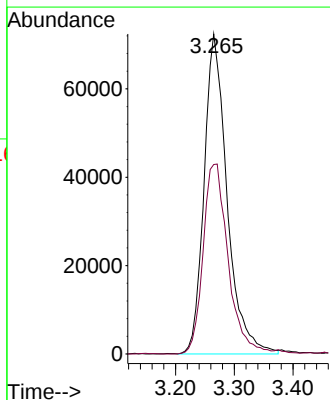
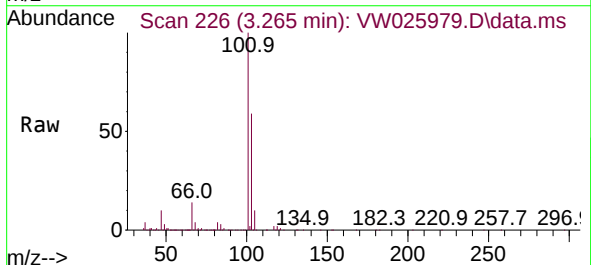
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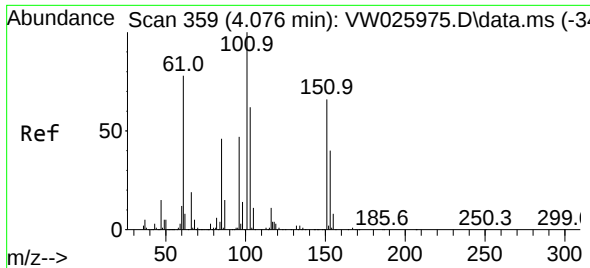
Tgt Ion: 64 Resp: 171674
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 21.665 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

Tgt Ion: 101 Resp: 197379
Ion Ratio Lower Upper
101 100
103 64.4 50.6 76.0

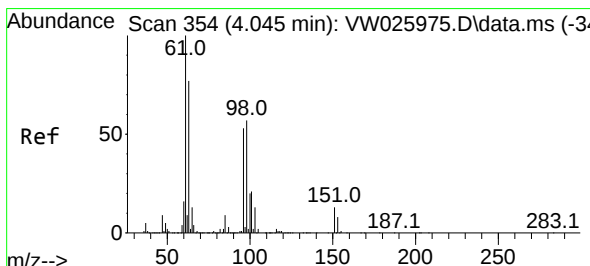
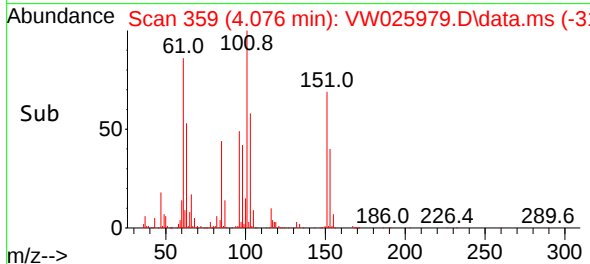
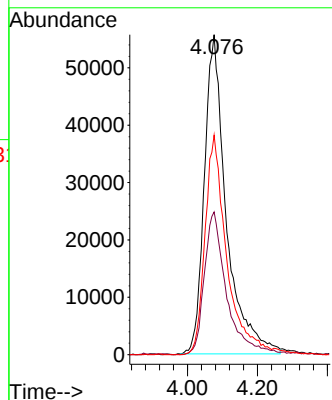
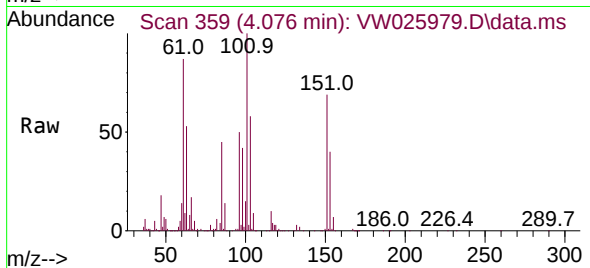




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.518 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW025979.D
 Acq: 15 May 2023 13:01

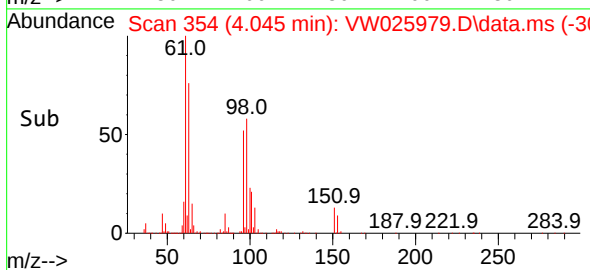
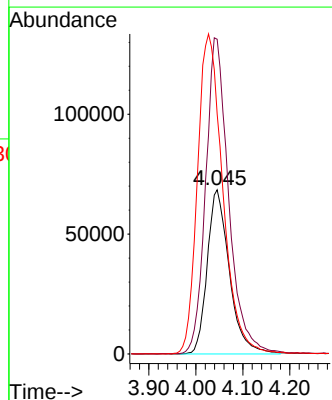
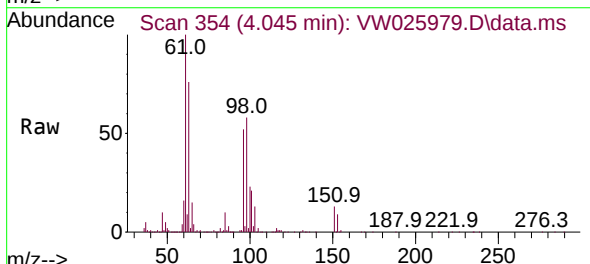
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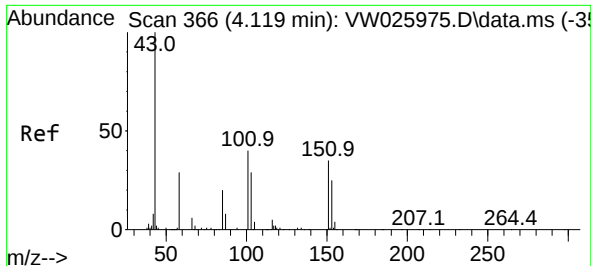
Tgt Ion:101 Resp: 242928
 Ion Ratio Lower Upper
 101 100
 85 43.7 33.9 50.9
 151 67.8 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.651 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025979.D
 Acq: 15 May 2023 13:01

Tgt Ion: 96 Resp: 223960
 Ion Ratio Lower Upper
 96 100
 61 191.7 135.0 250.8
 63 146.1 104.9 194.7

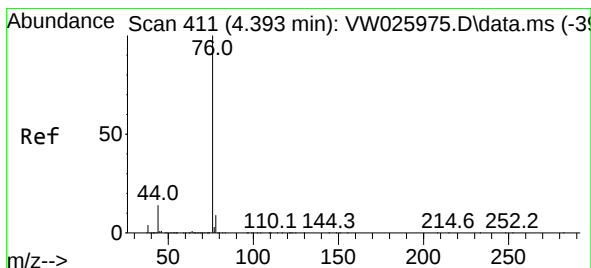
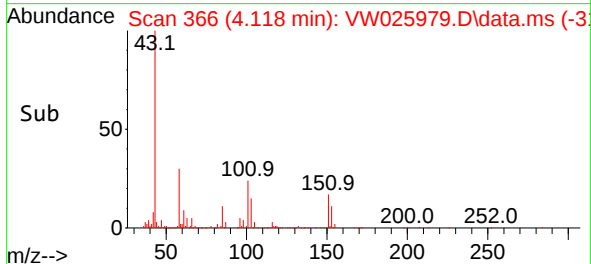
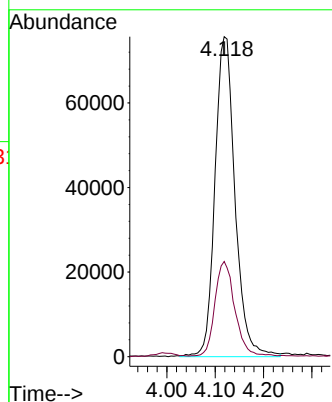
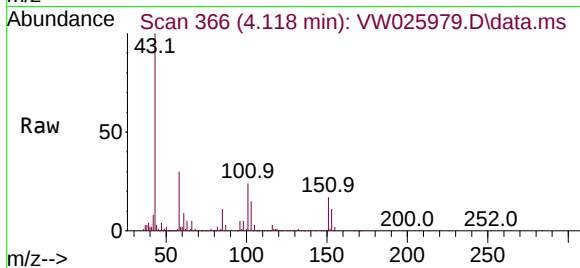




#13
Acetone
Concen: 74.128 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
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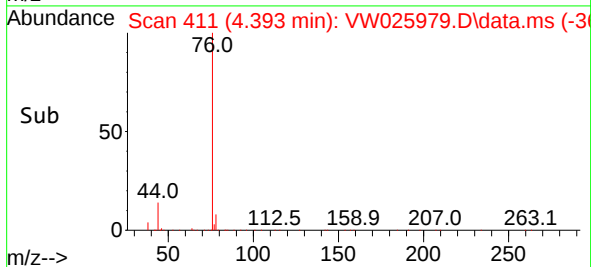
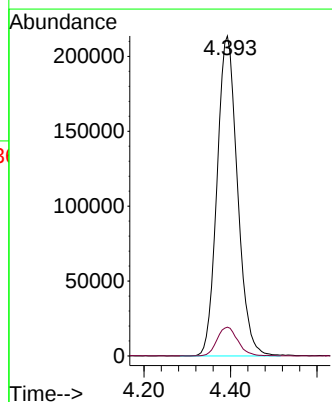
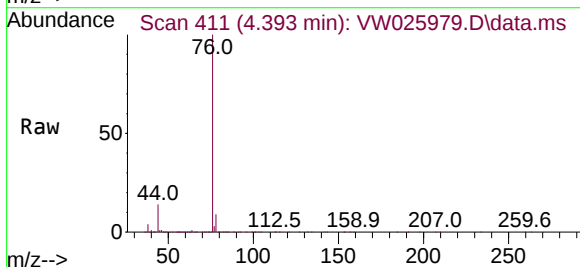
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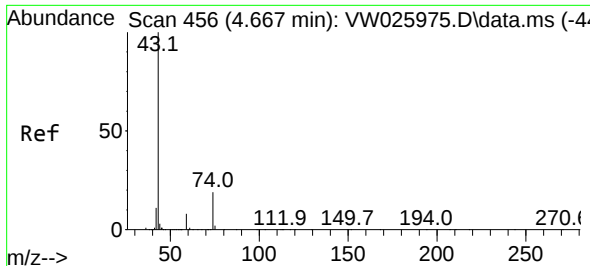
Tgt Ion: 43 Resp: 218018
Ion Ratio Lower Upper
43 100
58 28.9 0.0 58.2



#14
Carbon disulfide
Concen: 21.888 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 700919
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

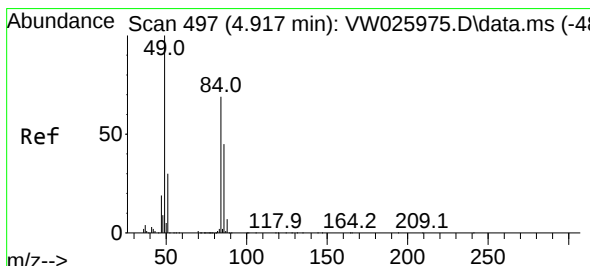
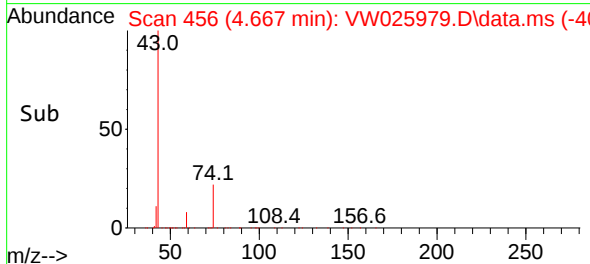
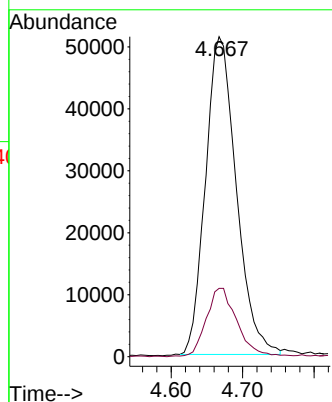
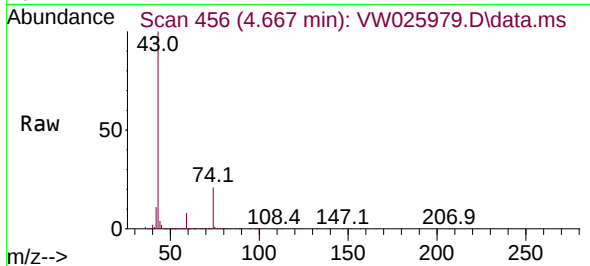




#15
Methyl Acetate
Concen: 26.486 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

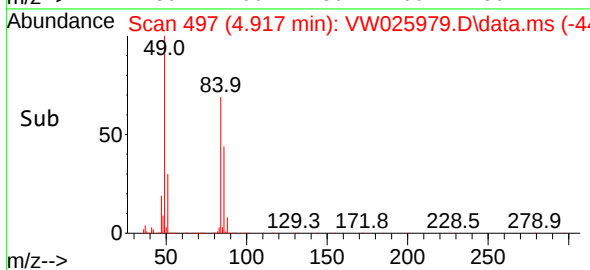
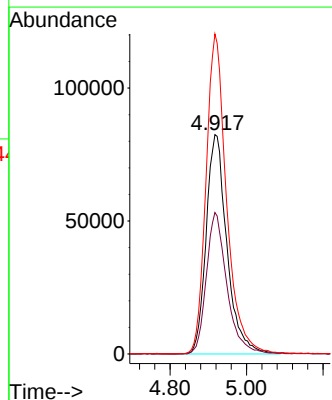
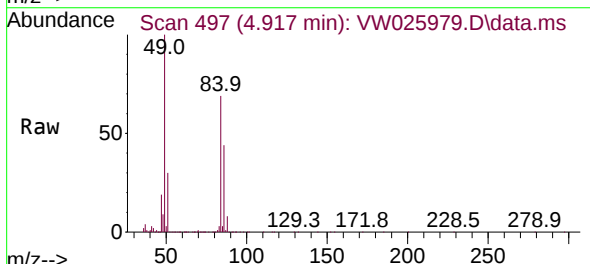
Instrument :
MSVOA_W
ClientSampleId :

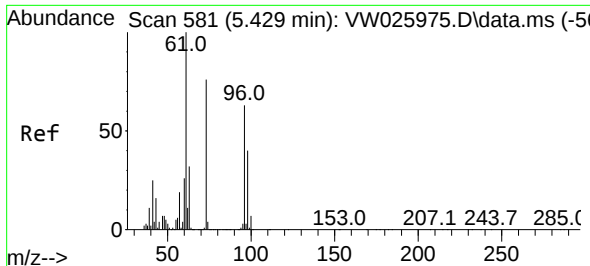
Tgt Ion: 43 Resp: 153506
Ion Ratio Lower Upper
43 100
74 20.9 16.5 24.7



#16
Methylene chloride
Concen: 21.342 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

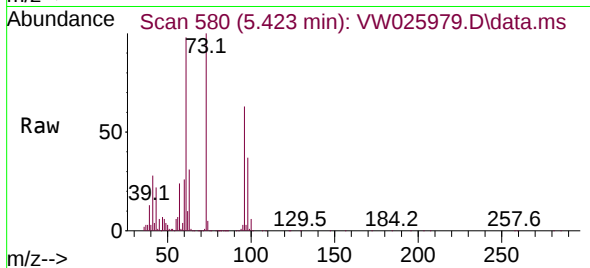
Tgt Ion: 84 Resp: 311634
Ion Ratio Lower Upper
84 100
86 64.5 41.7 77.5
49 145.9 95.3 177.1



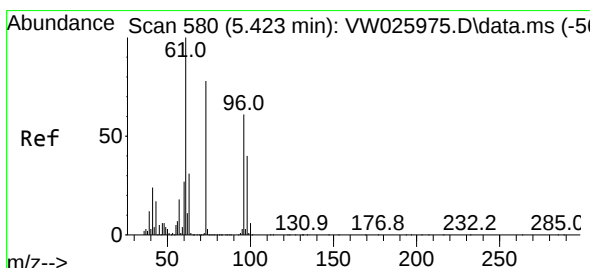
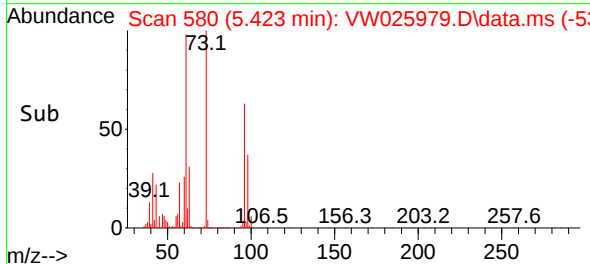
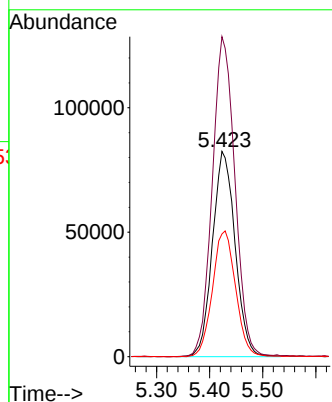


#17
trans-1,2-Dichloroethene
Concen: 23.701 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

Instrument :
MSVOA_W
ClientSampleId :

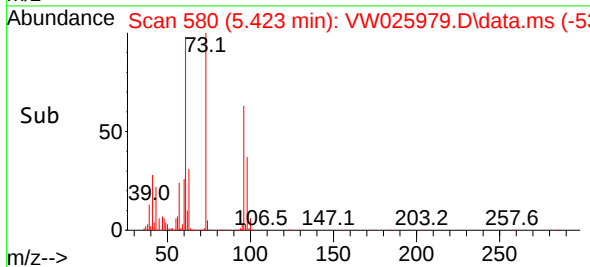
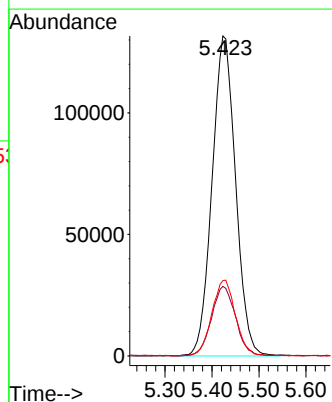
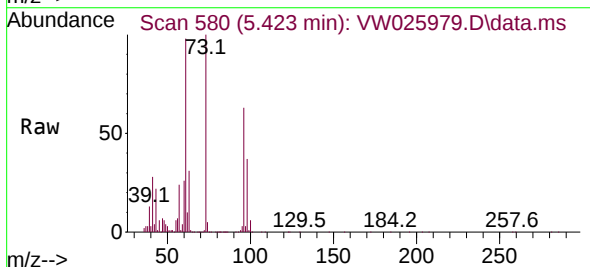


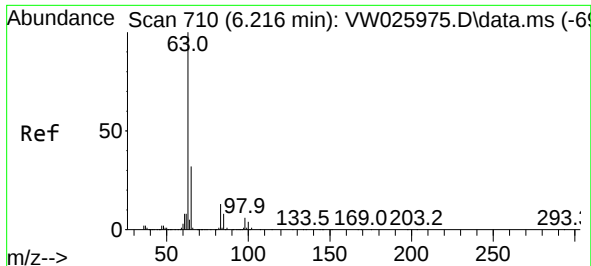
Tgt Ion: 96 Resp: 244835
Ion Ratio Lower Upper
96 100
61 155.9 108.1 200.9
98 59.8 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 29.175 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

Tgt Ion: 73 Resp: 457418
Ion Ratio Lower Upper
73 100
43 22.0 18.2 27.4
57 23.7 19.2 28.8





#19

1,1-Dichloroethane

Concen: 24.561 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

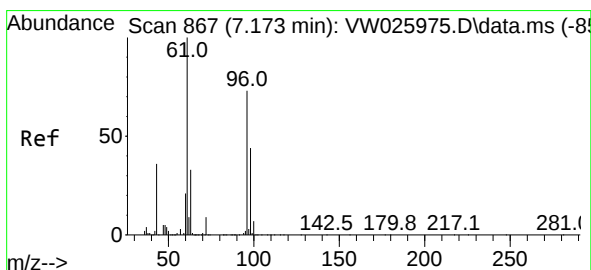
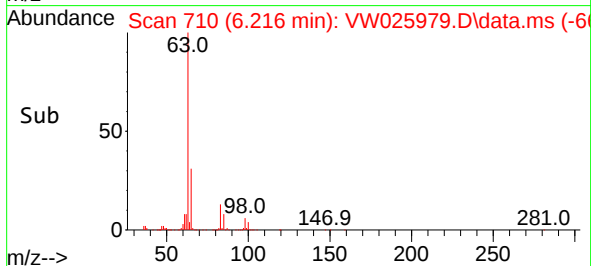
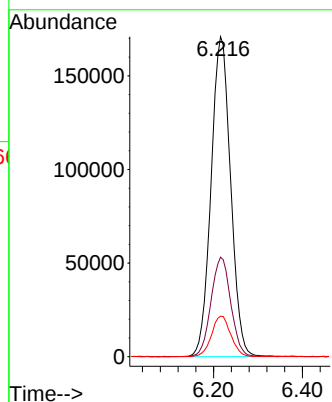
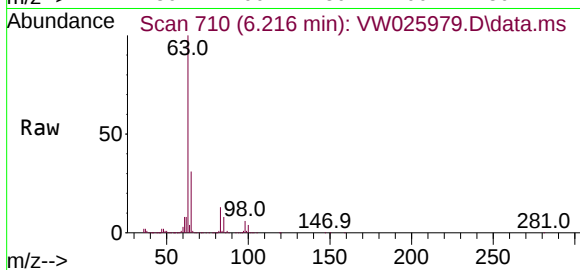
Tgt Ion: 63 Resp: 521282

Ion Ratio Lower Upper

63 100

65 31.1 22.4 41.6

83 12.6 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 24.903 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

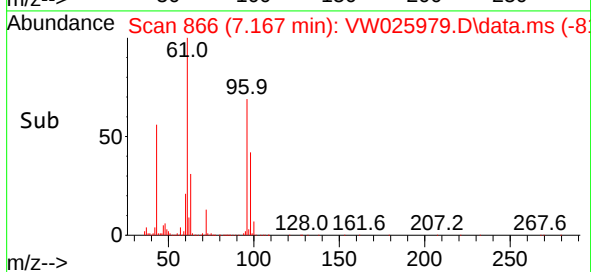
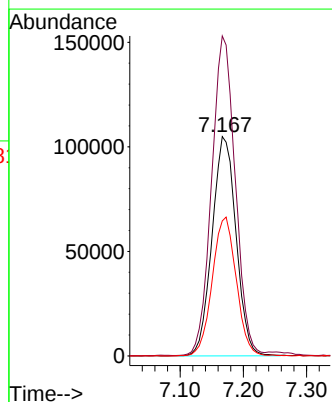
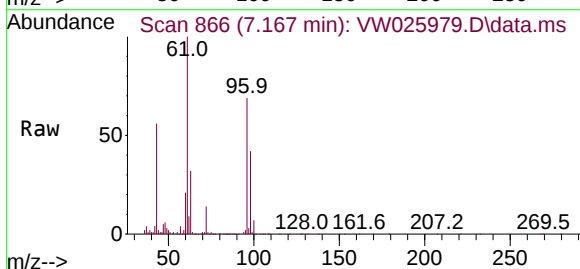
Tgt Ion: 96 Resp: 275993

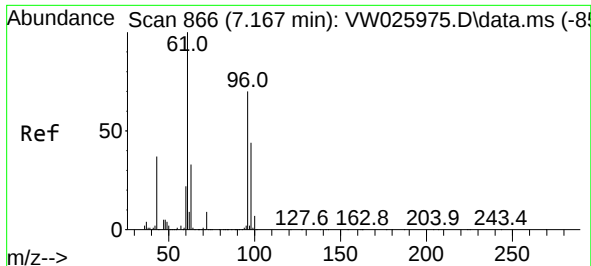
Ion Ratio Lower Upper

96 100

61 145.8 98.6 183.0

98 61.5 45.2 84.0

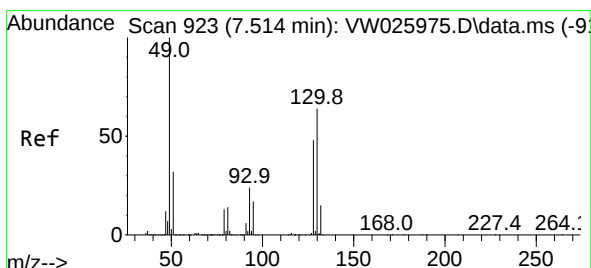
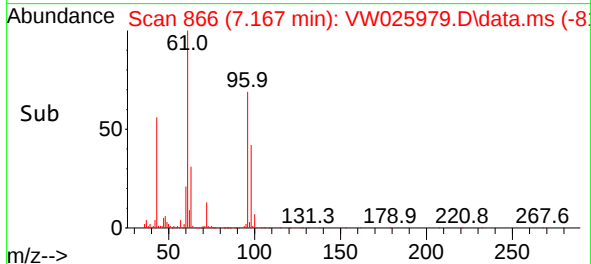
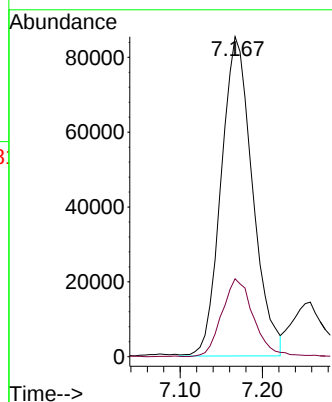
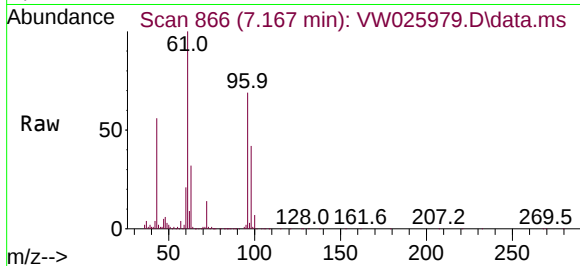




#22
2-Butanone
Concen: 55.775 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

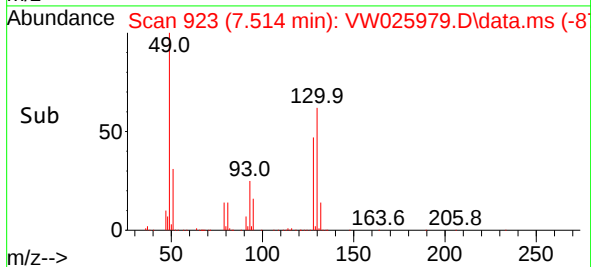
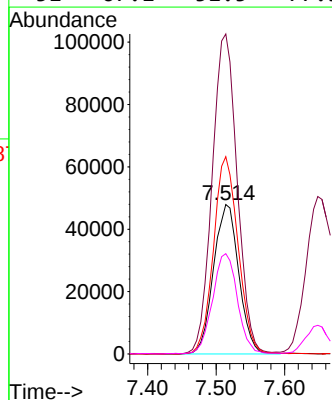
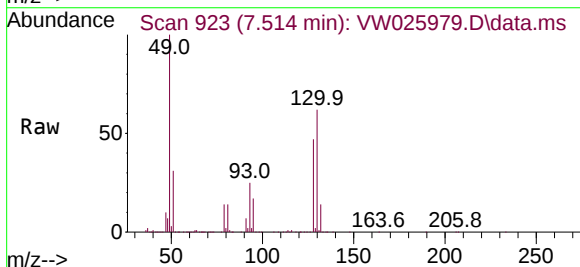
Instrument :
MSVOA_W
ClientSampleId :

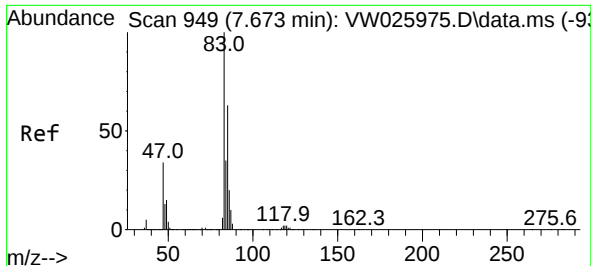
Tgt Ion: 43 Resp: 226506
Ion Ratio Lower Upper
43 100
72 24.4 11.8 35.4



#23
Bromochloromethane
Concen: 26.081 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

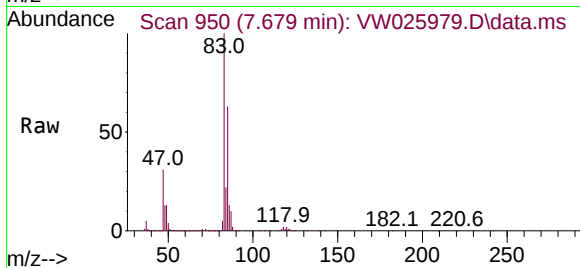
Tgt Ion: 128 Resp: 122453
Ion Ratio Lower Upper
128 100
49 214.1 151.5 281.5
130 132.0 91.3 169.6
51 67.1 51.5 77.3



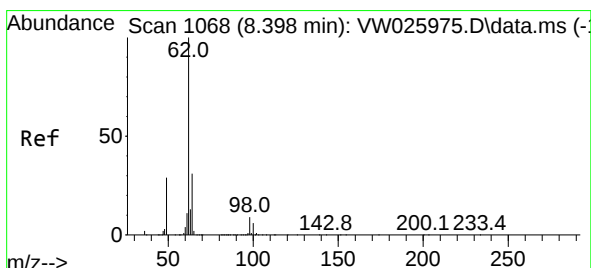
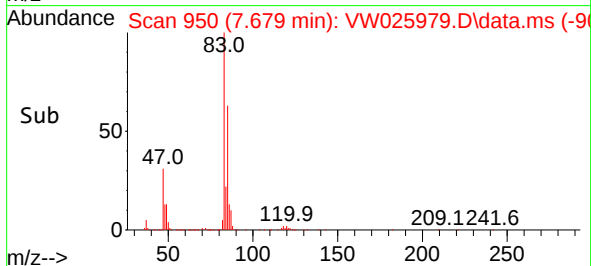
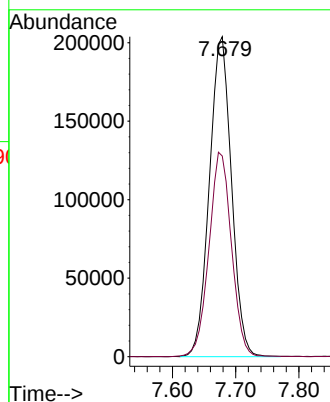


#25
Chloroform
Concen: 25.363 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

Instrument :
MSVOA_W
ClientSampleId :

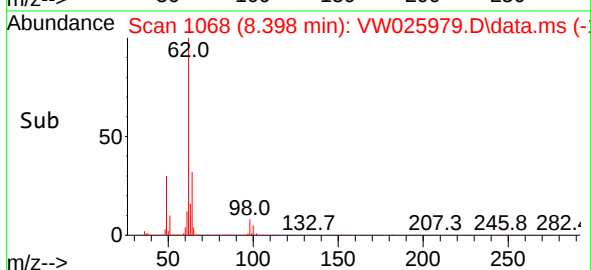
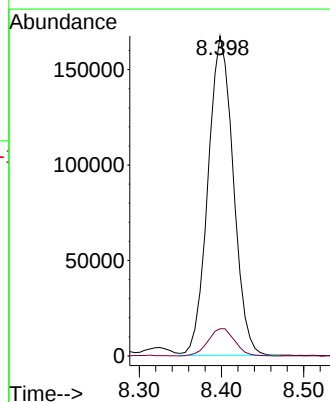
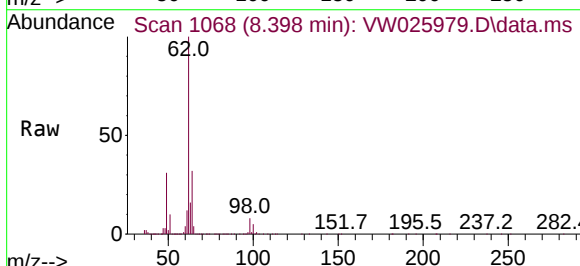


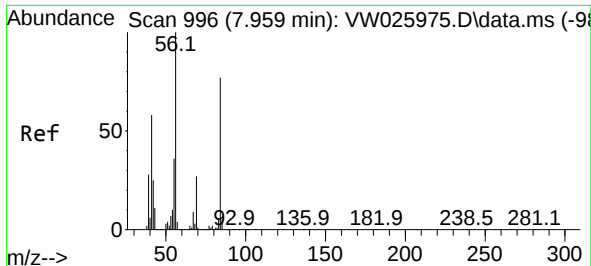
Tgt Ion: 83 Resp: 494757
Ion Ratio Lower Upper
83 100
85 62.7 45.1 83.9



#27
1,2-Dichloroethane
Concen: 25.746 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

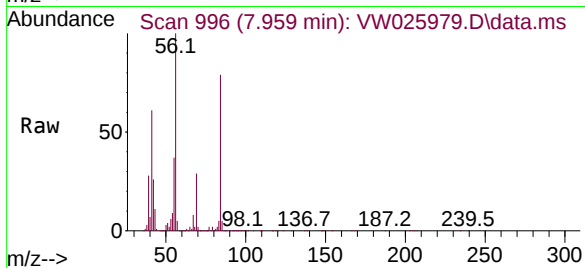
Tgt Ion: 62 Resp: 356671
Ion Ratio Lower Upper
62 100
98 8.5 7.2 10.8



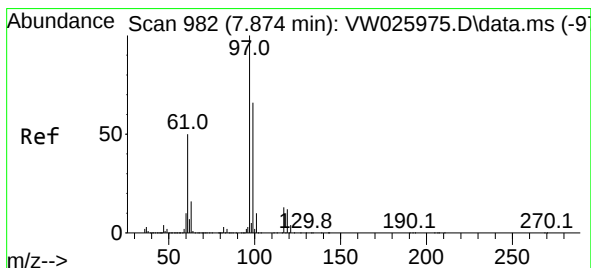
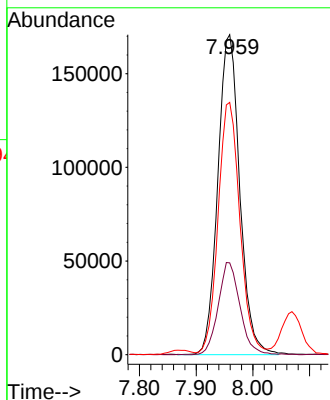
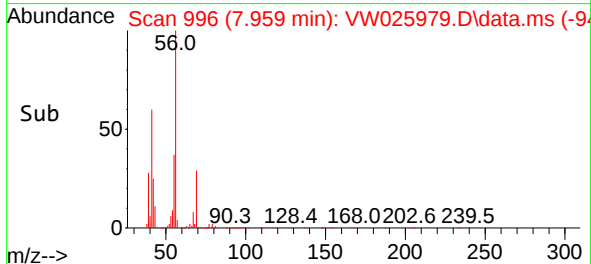


#29
Cyclohexane
Concen: 22.907 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

Instrument :
MSVOA_W
ClientSampleId :

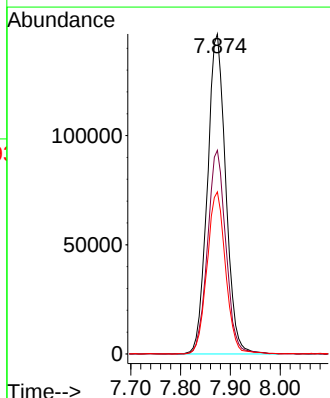
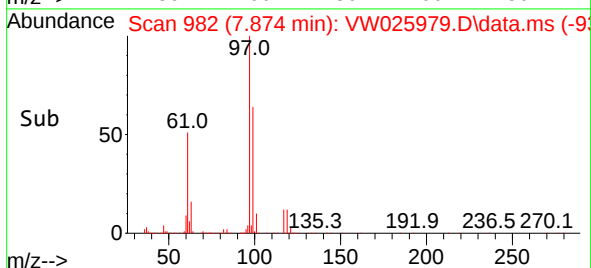
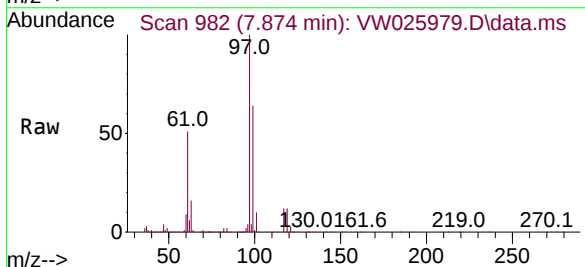


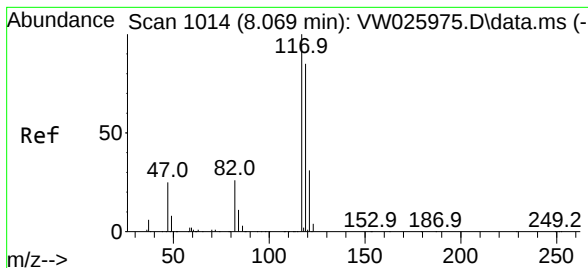
Tgt Ion: 56 Resp: 459472
Ion Ratio Lower Upper
56 100
69 28.5 23.4 35.0
84 78.5 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 23.659 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

Tgt Ion: 97 Resp: 374514
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 51.1 40.4 60.6

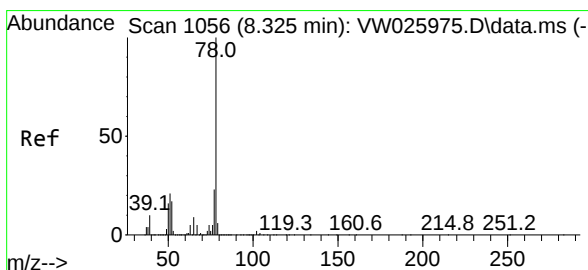
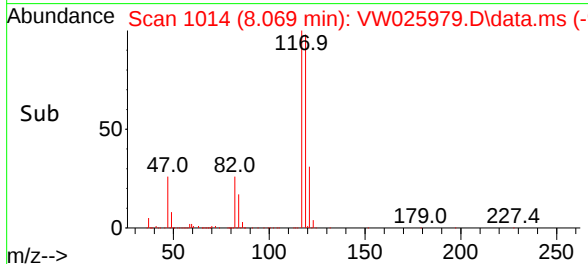
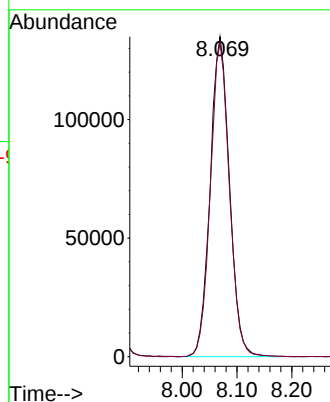
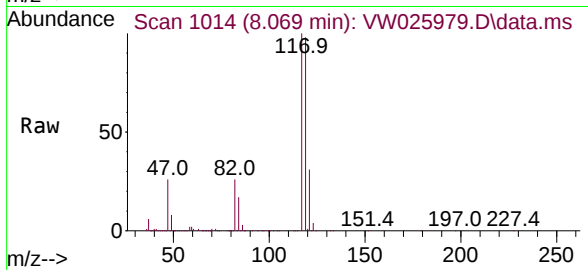




#31
Carbon tetrachloride
Concen: 23.172 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

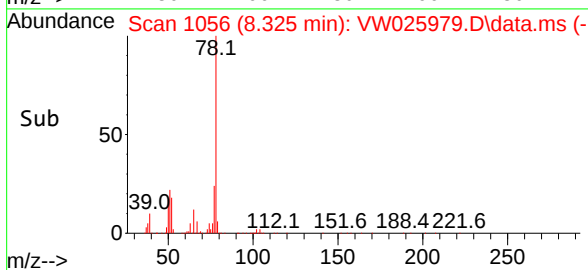
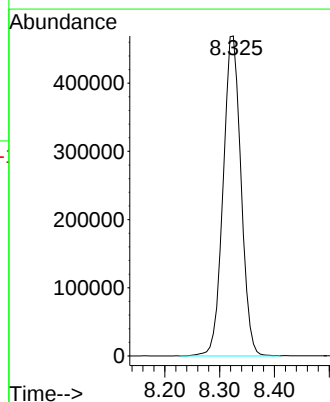
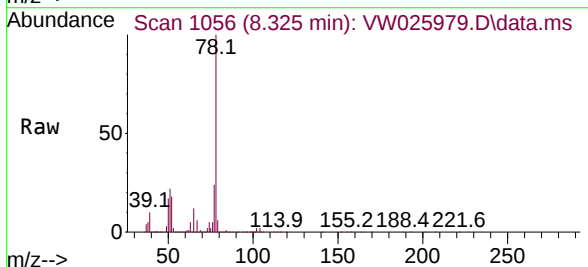
Instrument :
MSVOA_W
ClientSampleId :

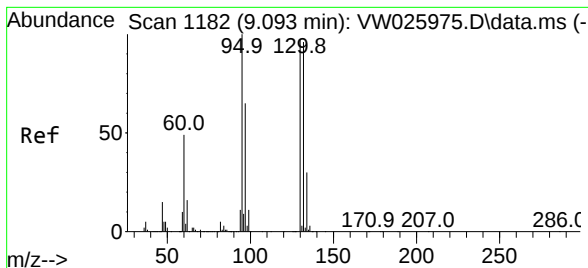
Tgt Ion:117 Resp: 330097
Ion Ratio Lower Upper
117 100
119 96.8 76.9 115.3



#33
Benzene
Concen: 23.754 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

Tgt Ion: 78 Resp: 1063726





#34

Trichloroethene

Concen: 23.042 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

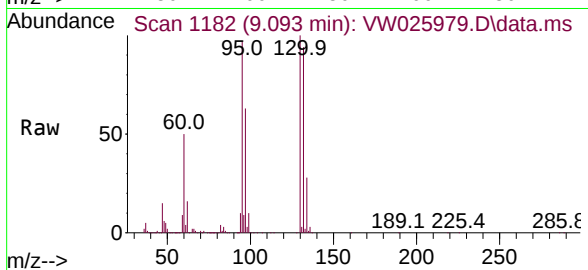
Lab File: VW025979.D

Acq: 15 May 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 264778

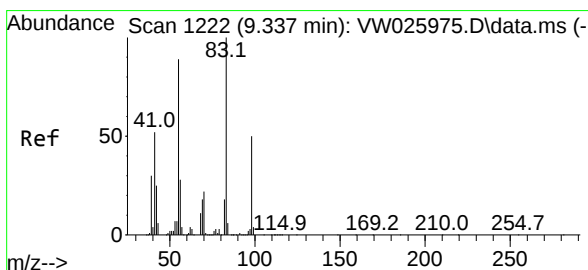
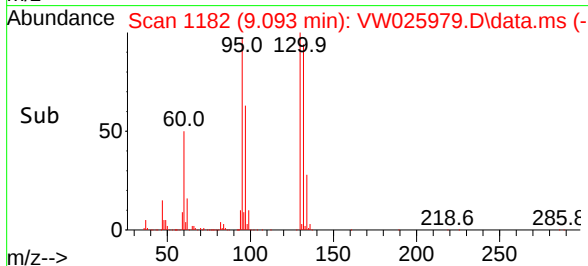
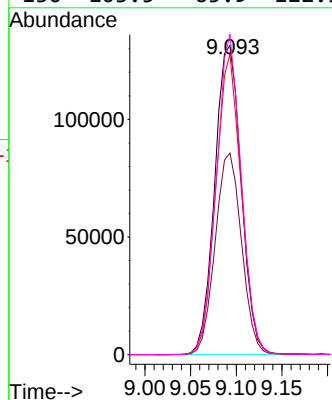
Ion Ratio Lower Upper

95 100

97 65.2 45.9 85.3

132 97.2 66.0 122.6

130 103.5 65.9 122.3



#35

Methylcyclohexane

Concen: 22.321 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

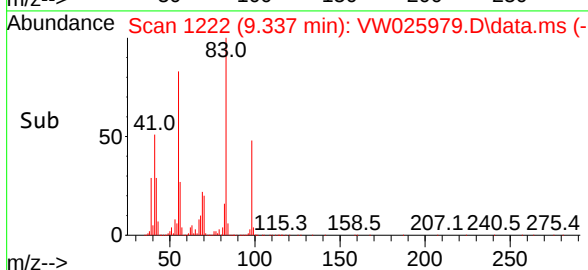
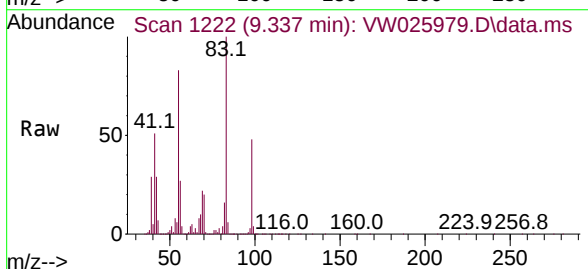
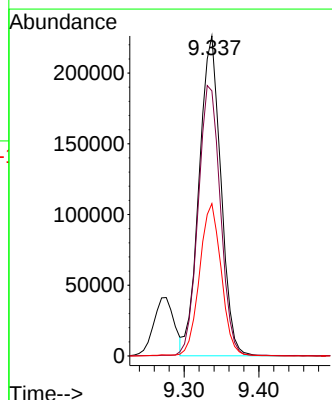
Tgt Ion: 83 Resp: 456192

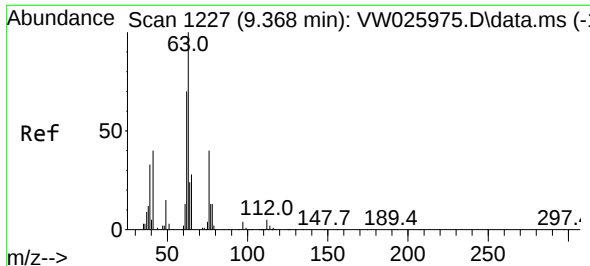
Ion Ratio Lower Upper

83 100

55 86.0 69.0 103.4

98 47.3 37.1 55.7





#37

1,2-Dichloropropane

Concen: 25.306 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

Instrument :

MSVOA_W

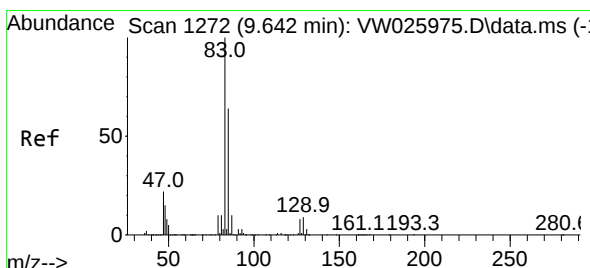
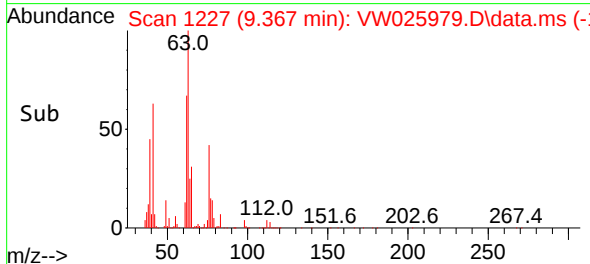
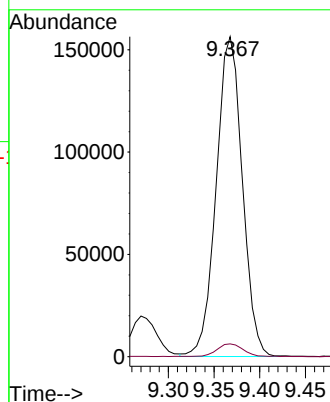
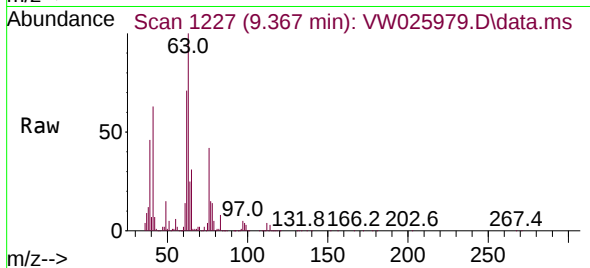
ClientSampleId :

Tgt Ion: 63 Resp: 310474

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 25.587 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

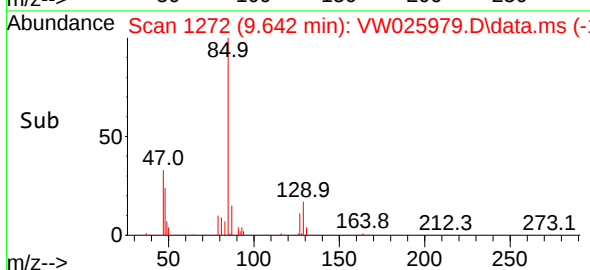
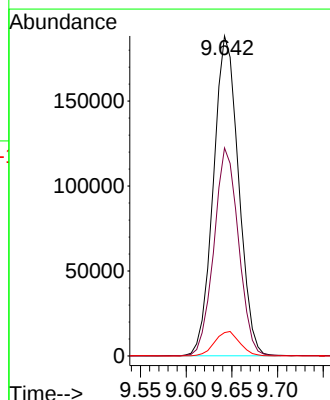
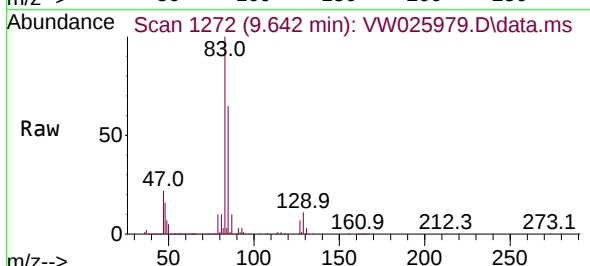
Tgt Ion: 83 Resp: 360157

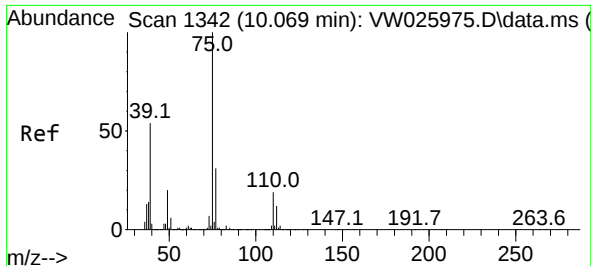
Ion Ratio Lower Upper

83 100

85 65.0 44.4 82.5

127 7.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 26.150 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

Instrument :

MSVOA_W

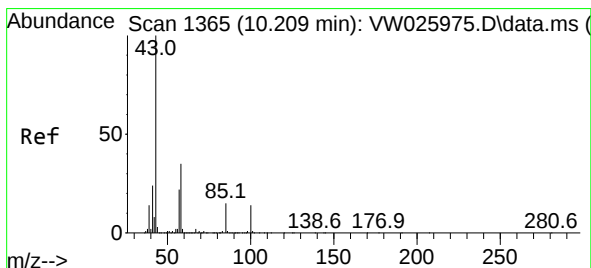
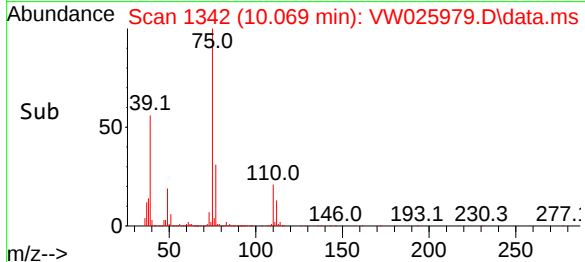
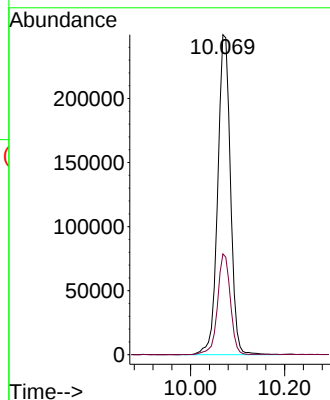
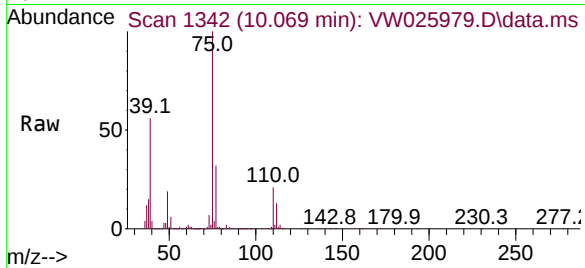
ClientSampleId :

Tgt Ion: 75 Resp: 470500

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 62.279 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

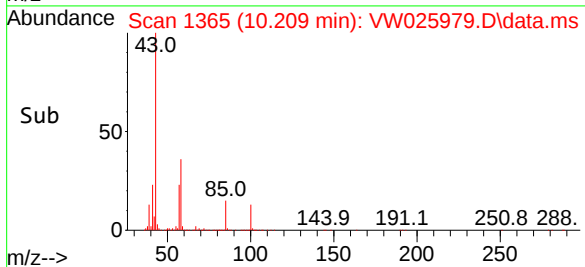
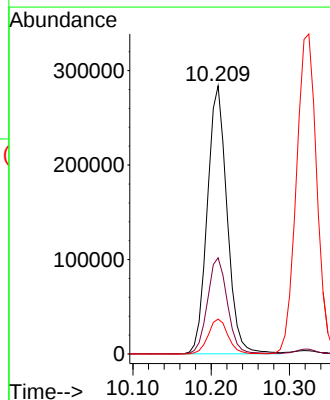
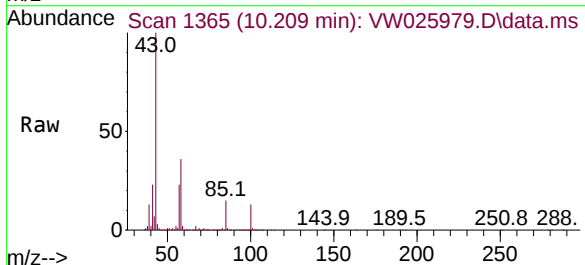
Tgt Ion: 43 Resp: 497350

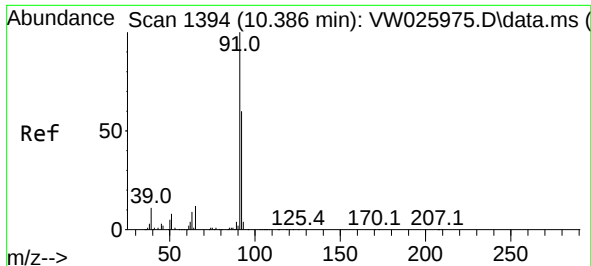
Ion Ratio Lower Upper

43 100

58 36.2 29.4 44.0

100 13.1 10.1 15.1





#42

Toluene

Concen: 24.217 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

Instrument :

MSVOA_W

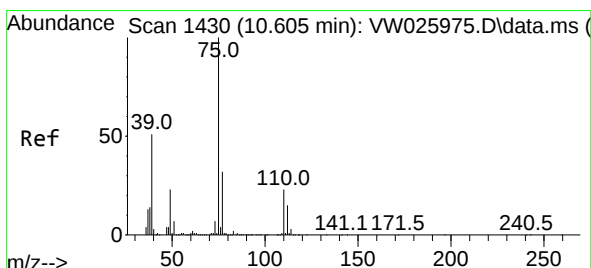
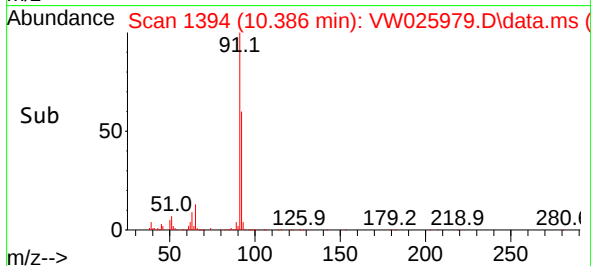
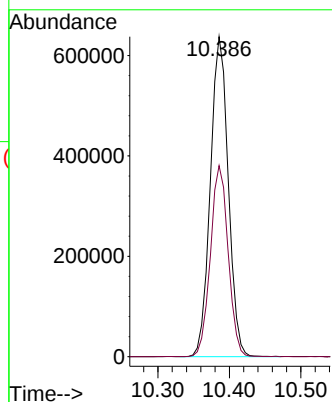
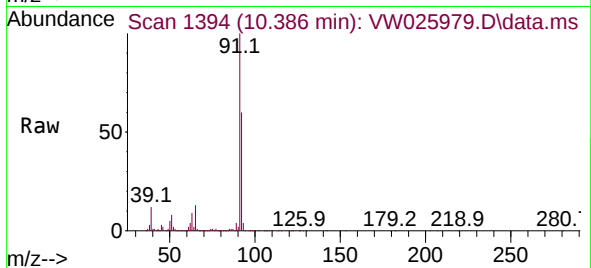
ClientSampleId :

Tgt Ion: 91 Resp: 1108082

Ion Ratio Lower Upper

91 100

92 59.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 27.403 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW025979.D

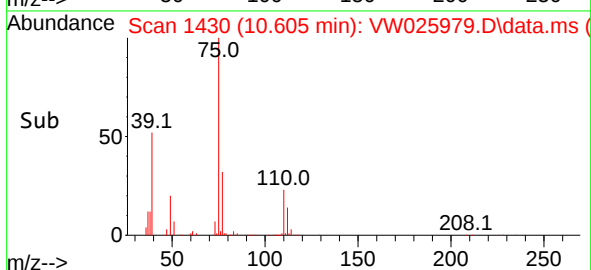
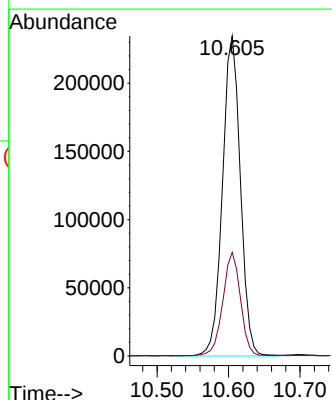
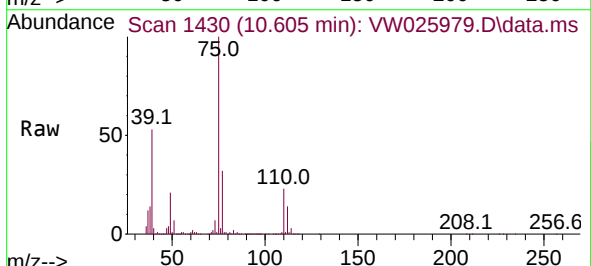
Acq: 15 May 2023 13:01

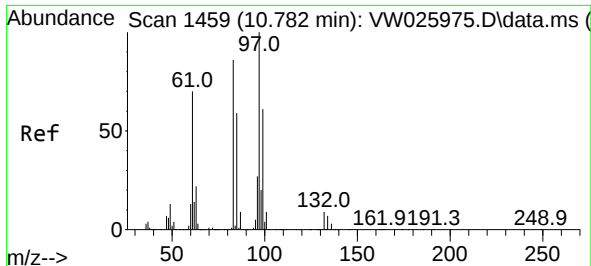
Tgt Ion: 75 Resp: 408528

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.4

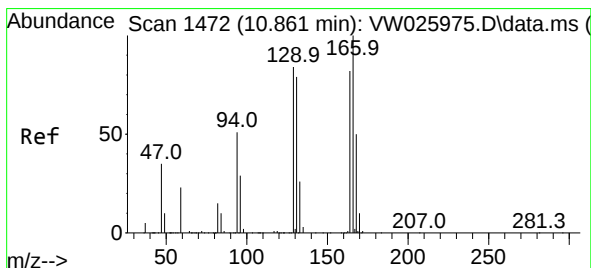
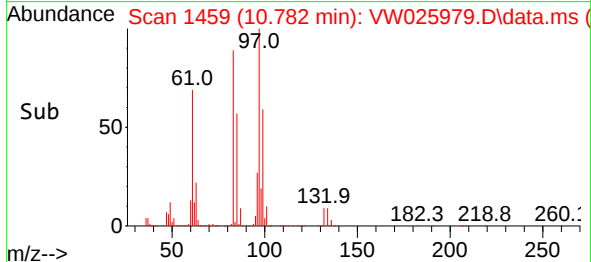
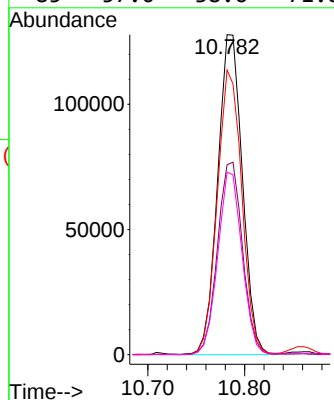
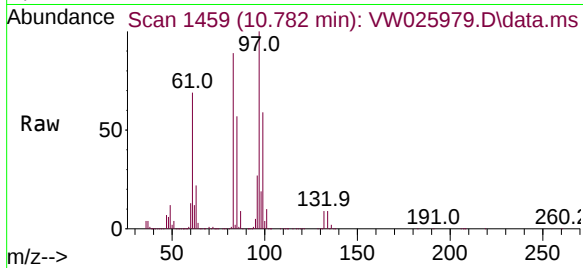




#45
1,1,2-Trichloroethane
Concen: 27.653 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

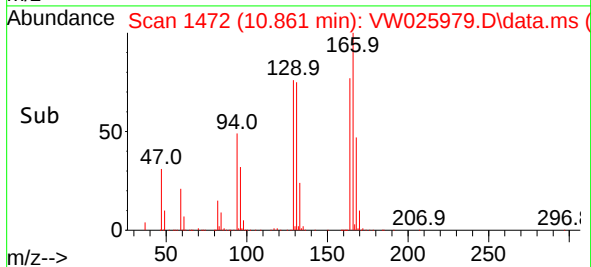
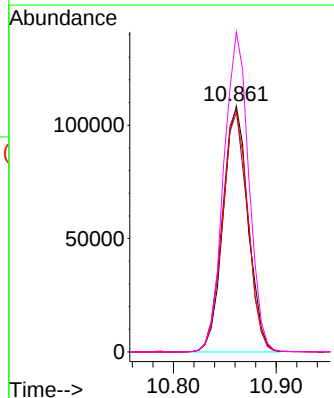
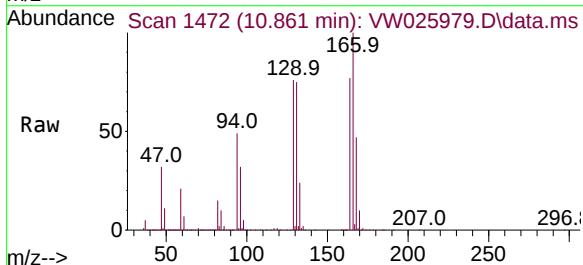
Instrument :
MSVOA_W
ClientSampleId :

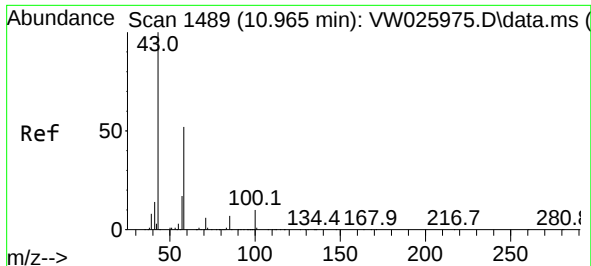
Tgt Ion:	97	Resp:	226953
Ion	Ratio	Lower	Upper
97	100		
99	59.3	44.5	82.7
83	89.0	63.0	117.0
85	57.0	38.6	71.8



#46
Tetrachloroethene
Concen: 22.683 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

Tgt Ion:	164	Resp:	183373
Ion	Ratio	Lower	Upper
164	100		
129	98.9	74.3	138.1
131	97.4	71.3	132.3
166	130.1	91.5	169.9

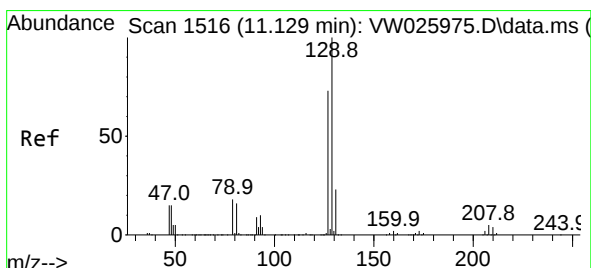
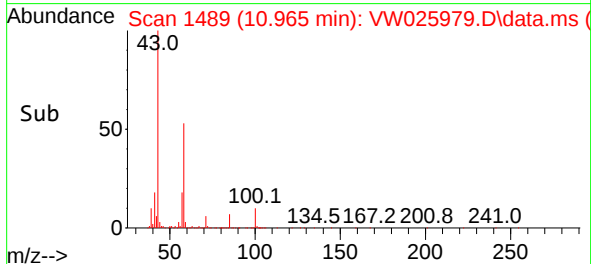
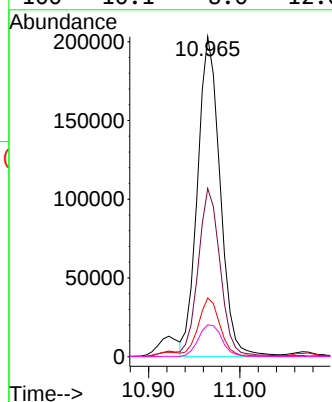
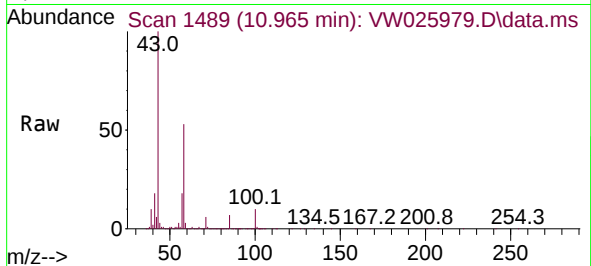




#48
2-Hexanone
Concen: 60.993 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

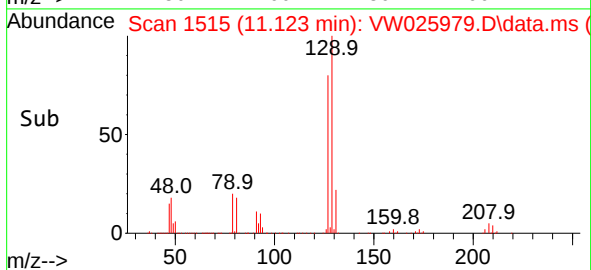
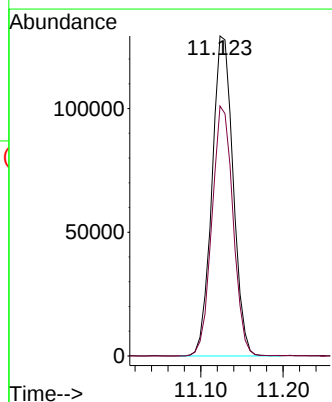
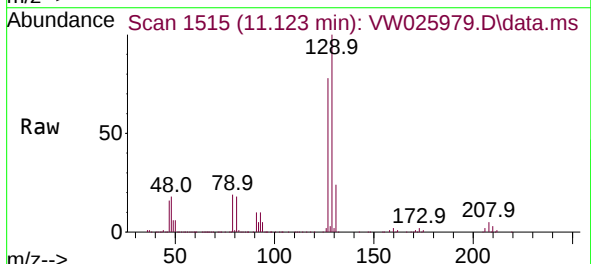
Instrument :
MSVOA_W
ClientSampleId :

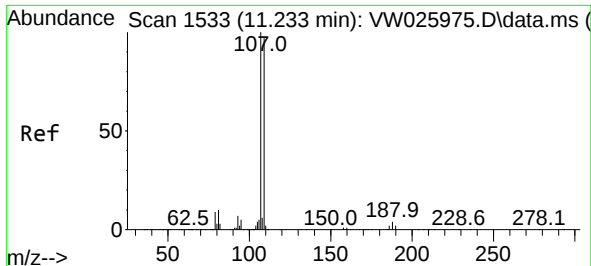
Tgt Ion:	43	Resp:	348937
Ion	Ratio	Lower	Upper
43	100		
58	50.2	40.8	61.2
57	17.6	13.6	20.4
100	10.1	8.0	12.0



#49
Dibromochloromethane
Concen: 27.215 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

Tgt Ion:	129	Resp:	231237
Ion	Ratio	Lower	Upper
129	100		
127	78.1	56.1	104.3





#50

1,2-Dibromoethane

Concen: 27.121 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

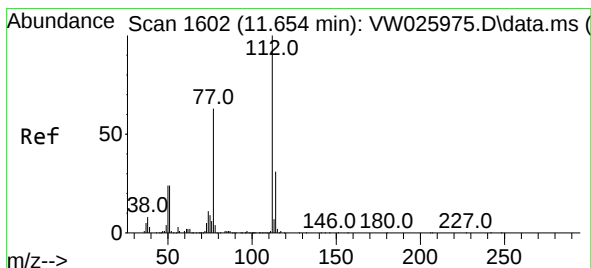
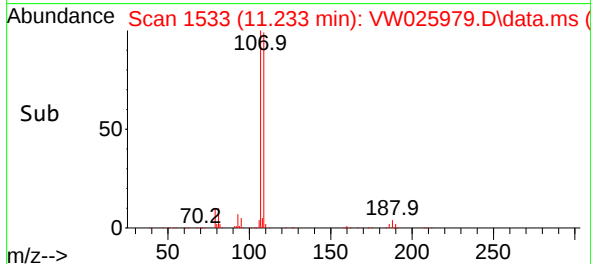
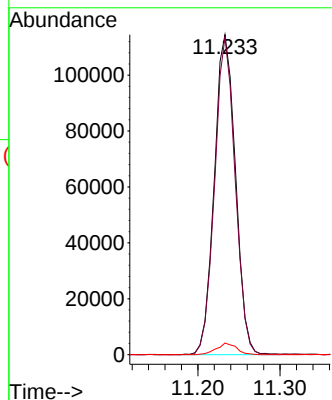
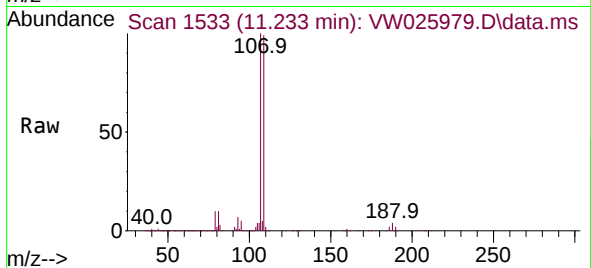
Tgt Ion:107 Resp: 205195

Ion Ratio Lower Upper

107 100

109 99.2 67.5 125.4

188 3.6 2.6 4.0



#51

Chlorobenzene

Concen: 24.281 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

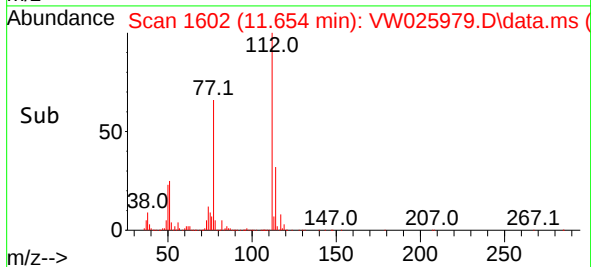
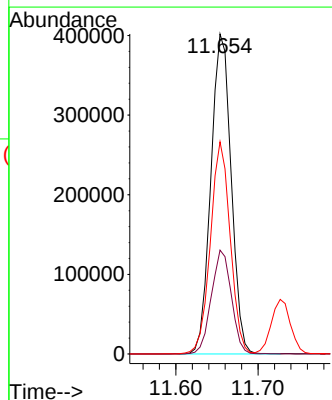
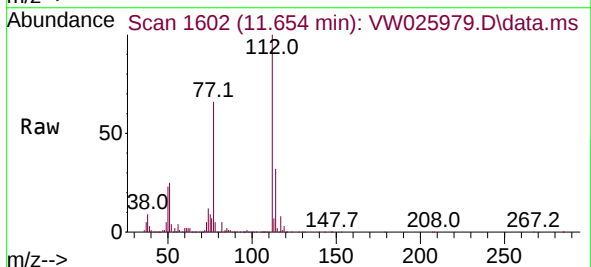
Tgt Ion:112 Resp: 688251

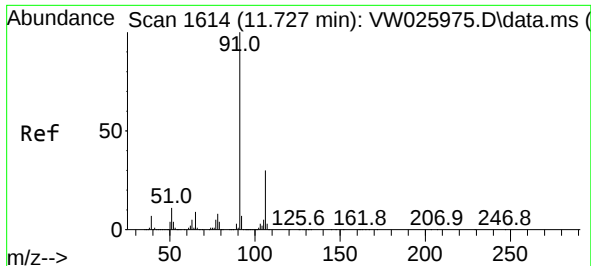
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.3

77 66.3 53.0 79.6

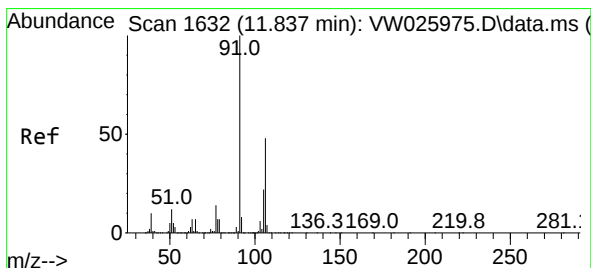
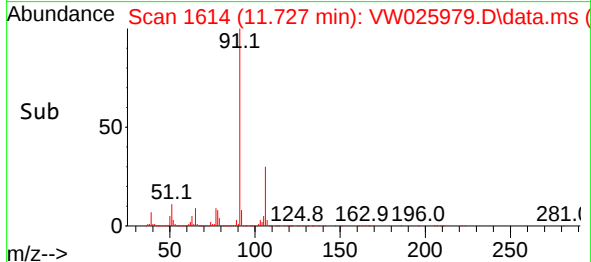
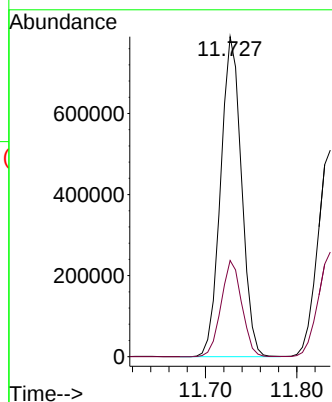
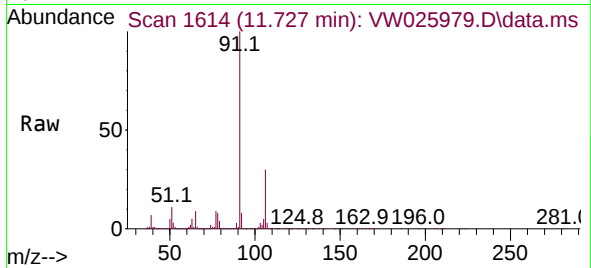




#52
Ethylbenzene
Concen: 24.405 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

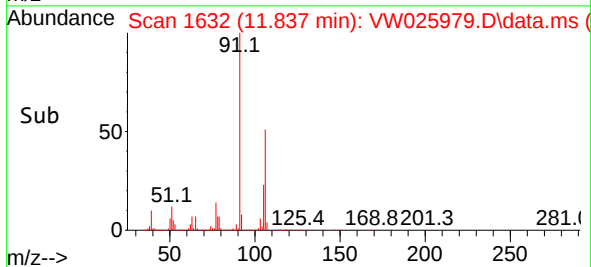
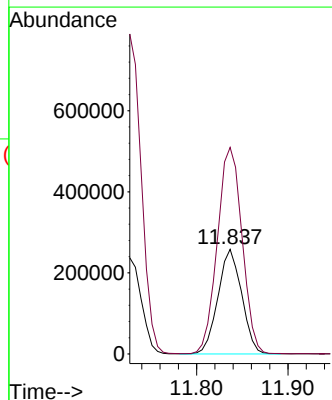
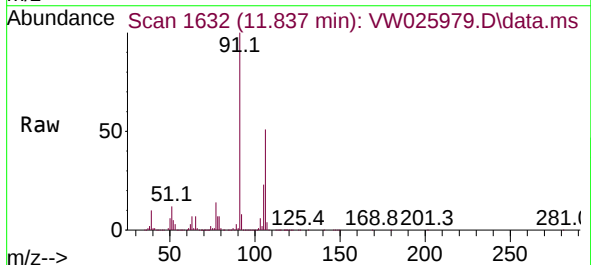
Instrument :
MSVOA_W
ClientSampleId :

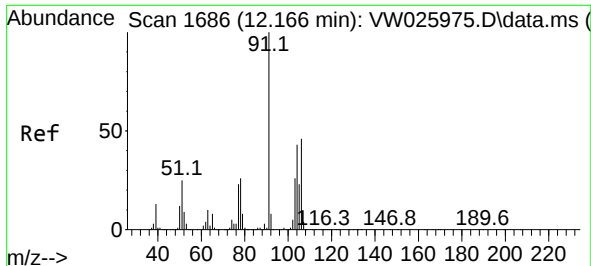
Tgt Ion: 91 Resp: 1256109
Ion Ratio Lower Upper
91 100
106 30.1 20.8 38.6



#53
m,p-Xylene
Concen: 24.613 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

Tgt Ion:106 Resp: 466256
Ion Ratio Lower Upper
106 100
91 197.4 150.1 278.9

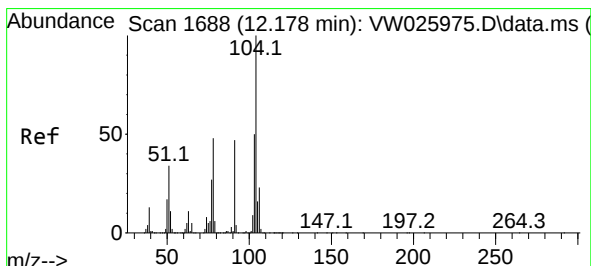
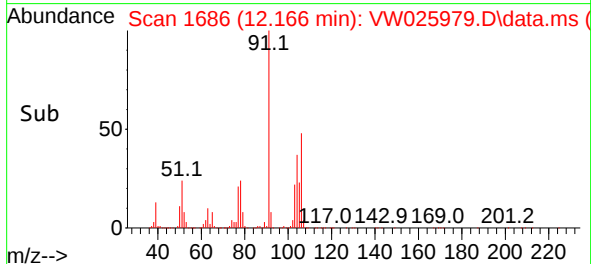
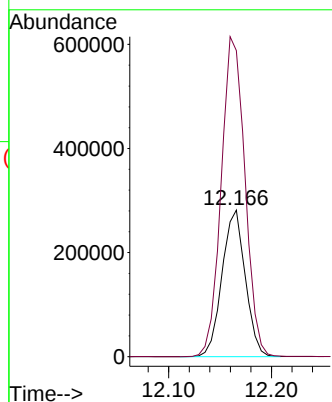
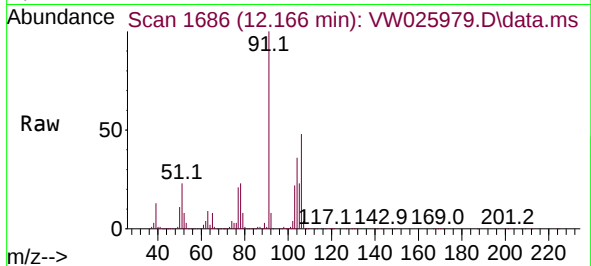




#54
o-Xylene
Concen: 24.734 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

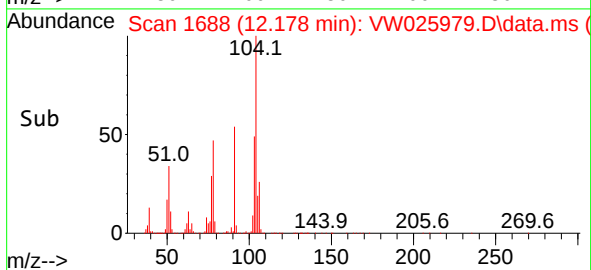
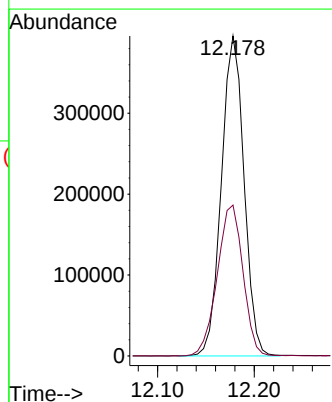
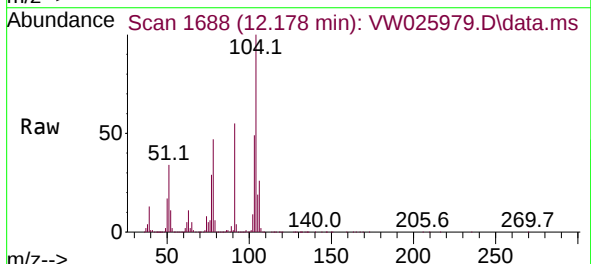
Instrument :
MSVOA_W
ClientSampleId :

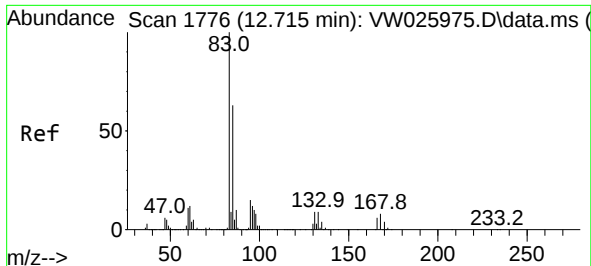
Tgt Ion:106 Resp: 441634
Ion Ratio Lower Upper
106 100
91 208.9 157.8 293.1



#55
Styrene
Concen: 21.008 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

Tgt Ion:104 Resp: 642011
Ion Ratio Lower Upper
104 100
78 47.2 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 29.345 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW025979.D

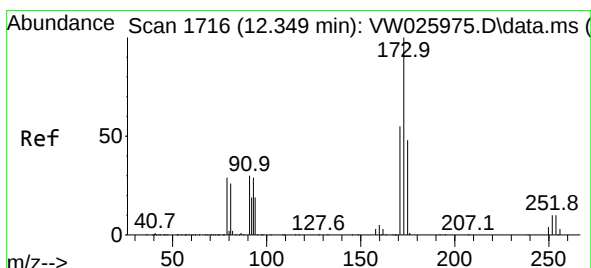
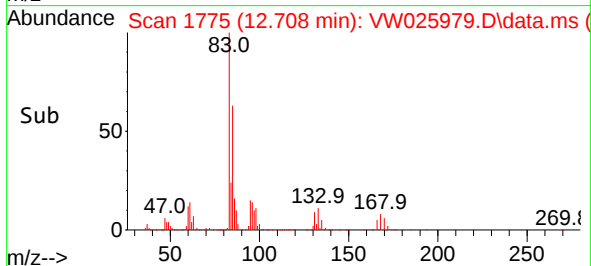
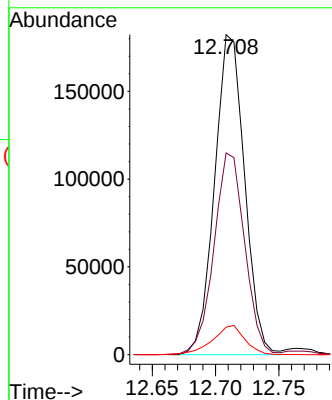
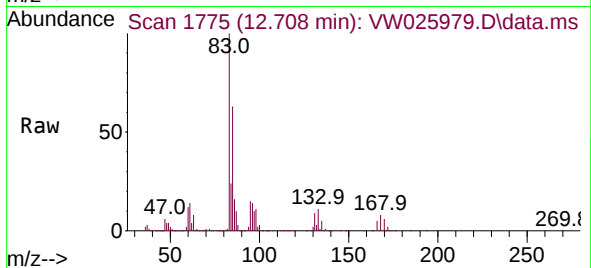
Acq: 15 May 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 300503
Ion Ratio	Lower Upper
83 100	
85 63.0	45.6 84.8
131 8.6	8.1 12.1



#59

Bromoform

Concen: 27.864 ug/L

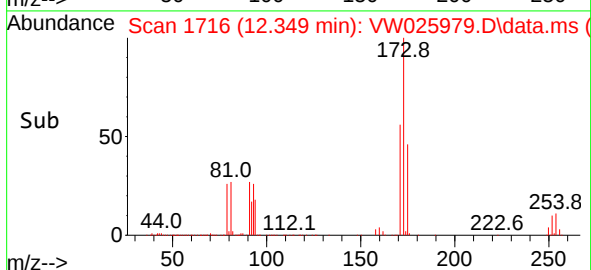
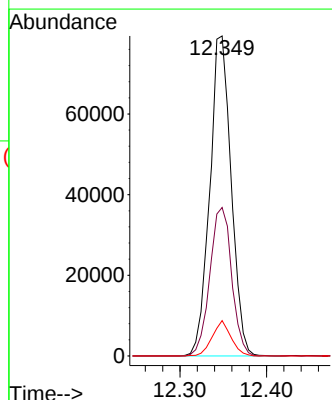
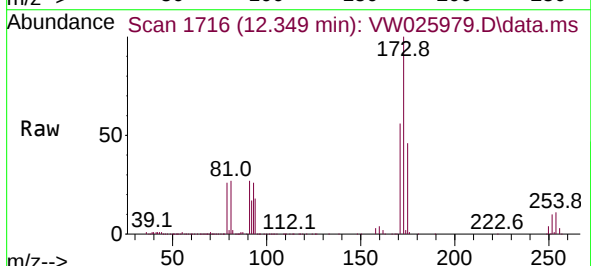
RT: 12.349 min Scan# 1716

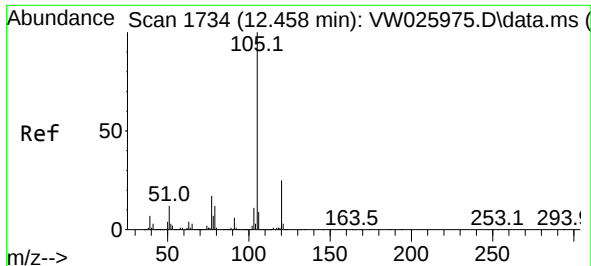
Delta R.T. -0.000 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

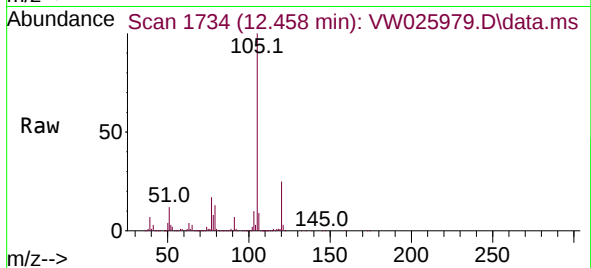
Tgt Ion: 173	Resp: 136304
Ion Ratio	Lower Upper
173 100	
175 47.3	38.6 57.8
254 9.7	7.6 11.4



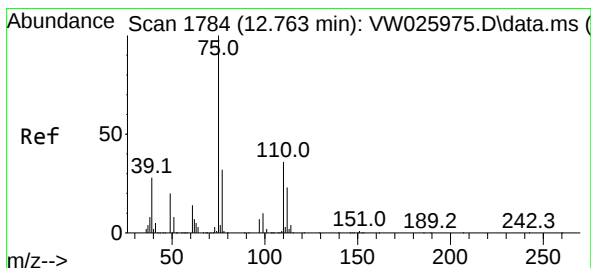
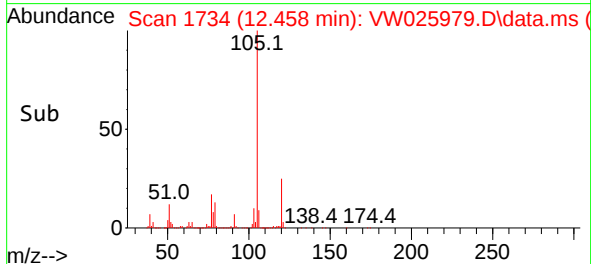
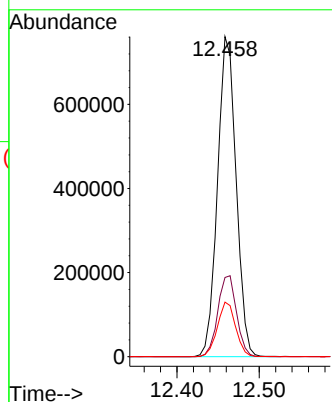


#60
Isopropylbenzene
Concen: 23.820 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

Instrument :
MSVOA_W
ClientSampleId :

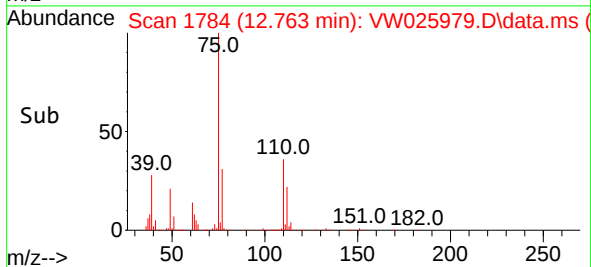
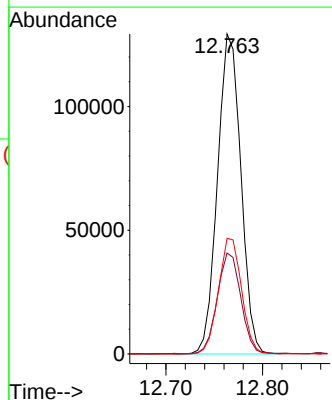
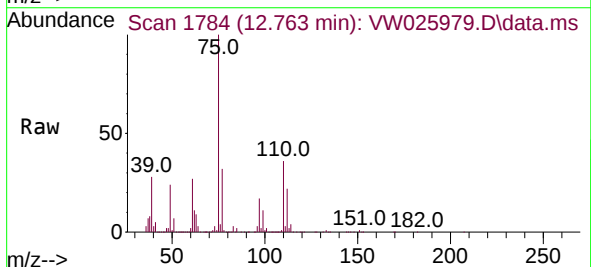


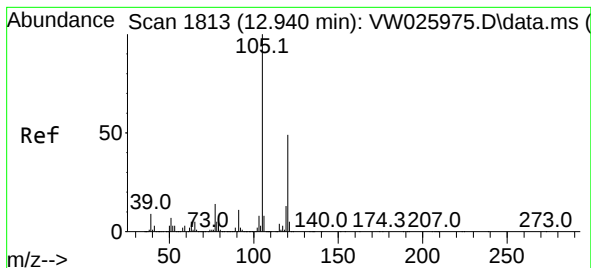
Tgt Ion:105 Resp: 1195781
Ion Ratio Lower Upper
105 100
120 25.5 21.1 31.7
77 16.7 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 27.797 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025979.D
Acq: 15 May 2023 13:01

Tgt Ion: 75 Resp: 216956
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
110 35.9 27.6 41.4

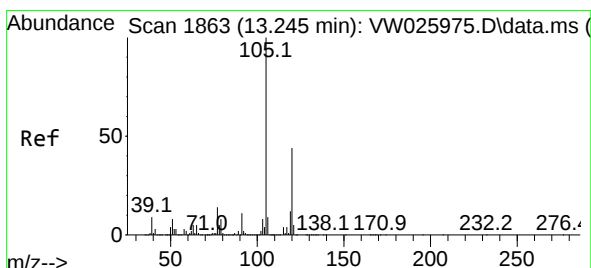
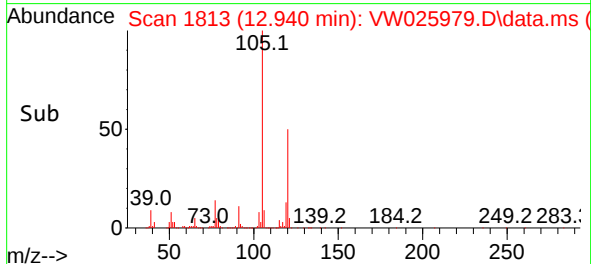
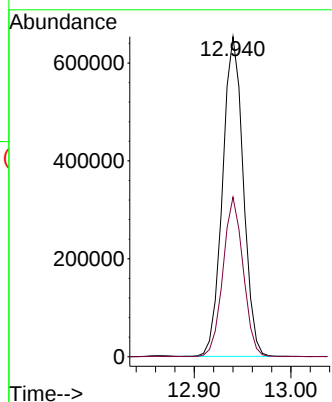
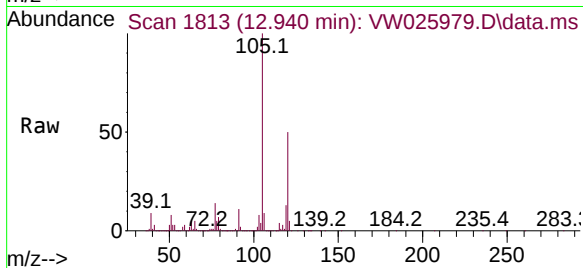




#62
 1,3,5-Trimethylbenzene
 Concen: 24.389 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW025979.D
 Acq: 15 May 2023 13:01

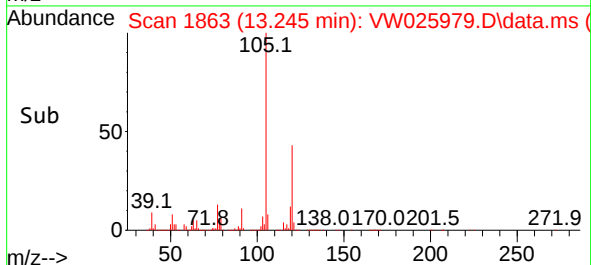
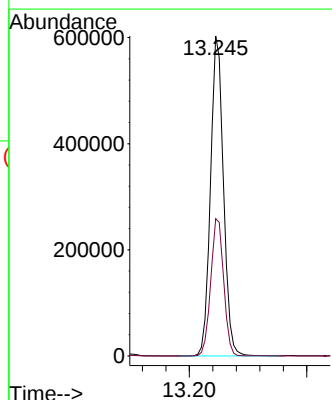
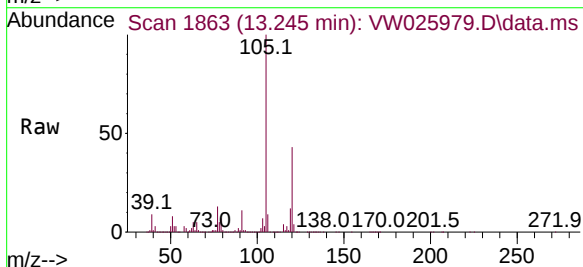
Instrument :
 MSVOA_W
 ClientSampleId :

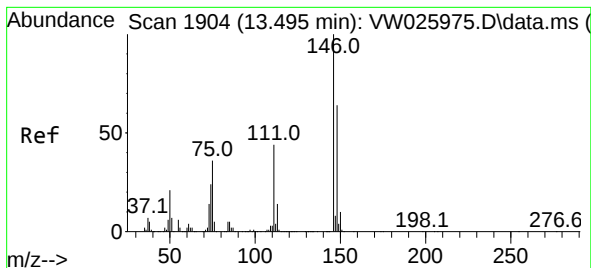
Tgt Ion:105 Resp: 969709
 Ion Ratio Lower Upper
 105 100
 120 48.7 37.1 55.7



#63
 1,2,4-Trimethylbenzene
 Concen: 25.151 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW025979.D
 Acq: 15 May 2023 13:01

Tgt Ion:105 Resp: 922817
 Ion Ratio Lower Upper
 105 100
 120 42.7 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 23.301 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

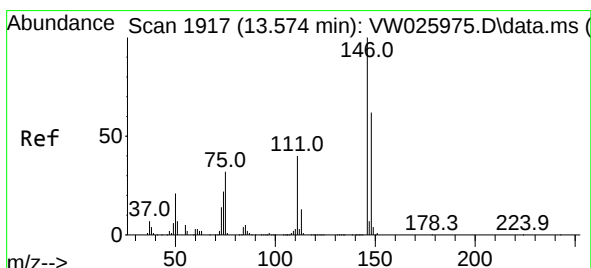
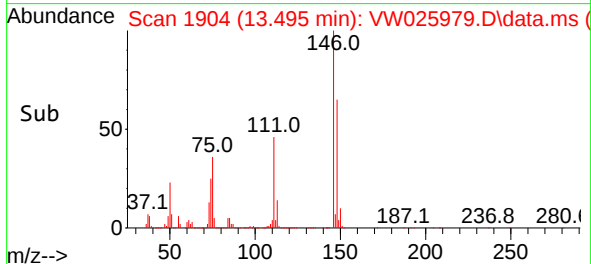
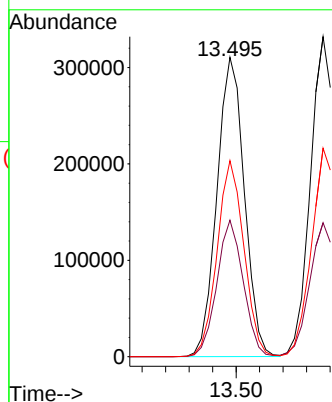
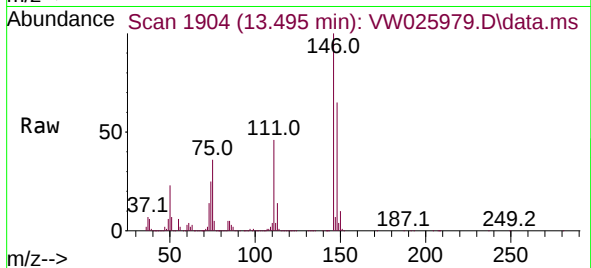
Tgt Ion:146 Resp: 503538

Ion Ratio Lower Upper

146 100

111 45.6 30.4 56.4

148 65.5 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 23.902 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

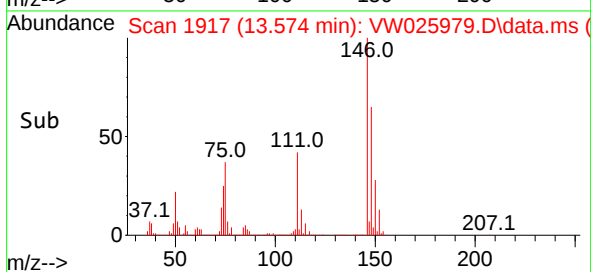
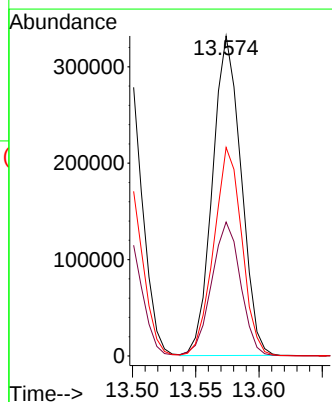
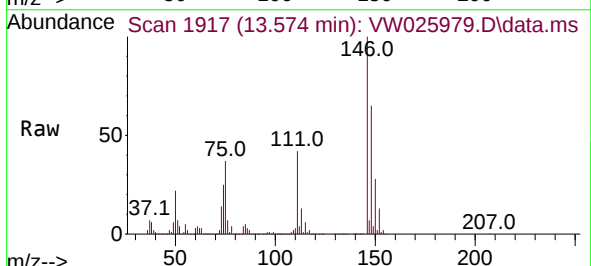
Tgt Ion:146 Resp: 521835

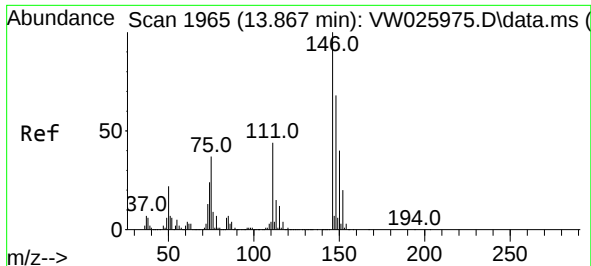
Ion Ratio Lower Upper

146 100

111 41.9 27.9 51.9

148 65.1 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 25.039 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

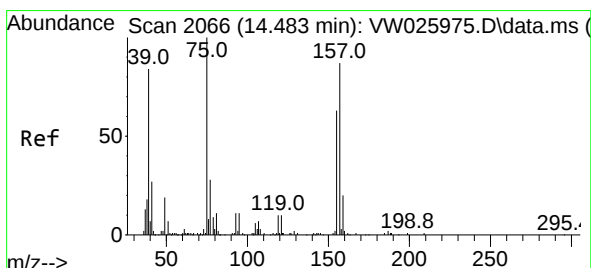
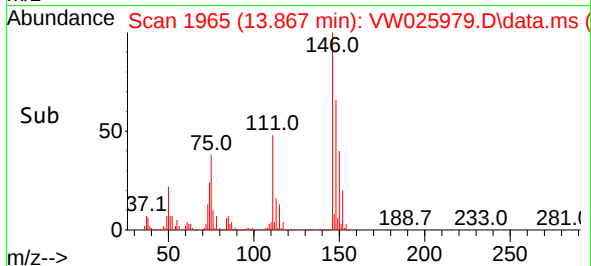
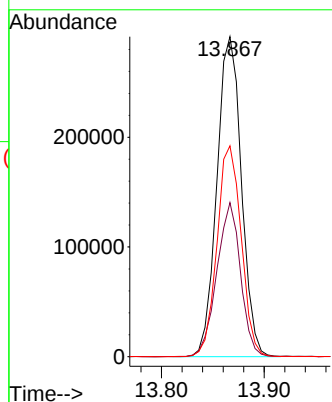
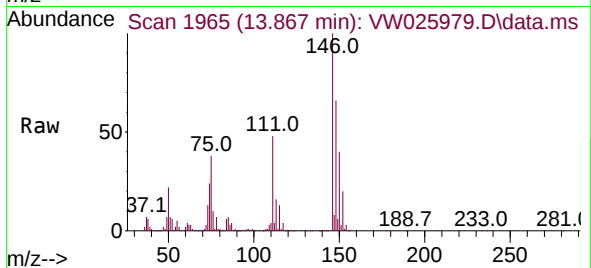
Tgt Ion:146 Resp: 482554

Ion Ratio Lower Upper

146 100

111 48.1 37.7 56.5

148 65.9 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 27.685 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

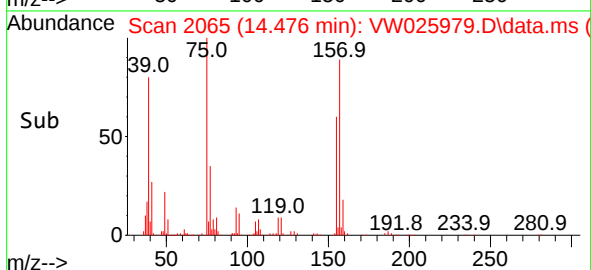
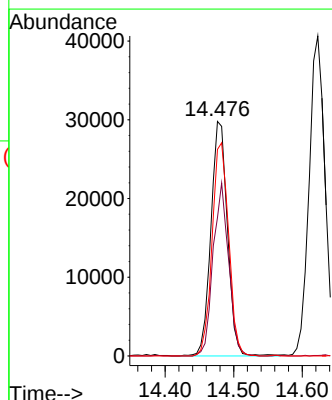
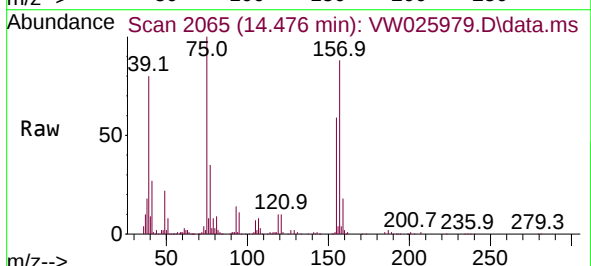
Tgt Ion: 75 Resp: 50107

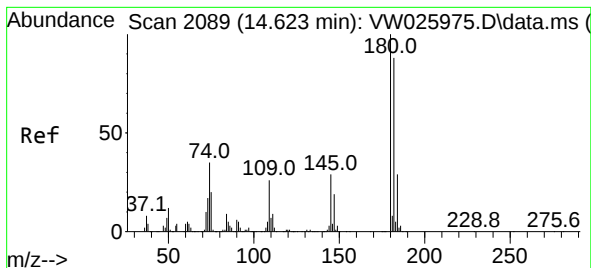
Ion Ratio Lower Upper

75 100

155 59.0 56.3 84.5

157 88.1 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 22.355 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

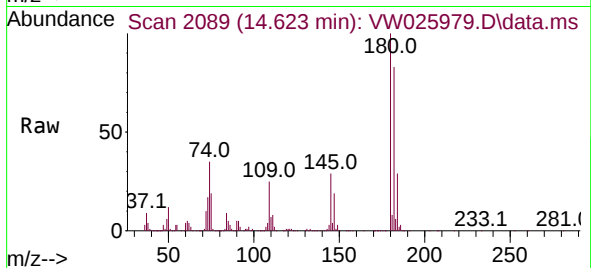
Lab File: VW025979.D

Acq: 15 May 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 320682

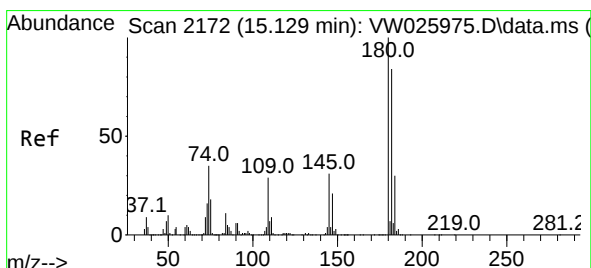
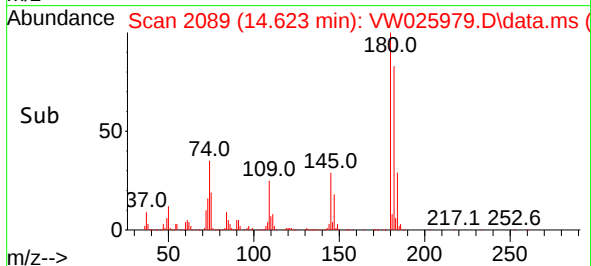
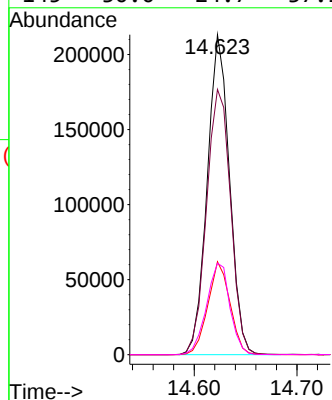
Ion Ratio Lower Upper

180 100

182 89.9 77.4 116.0

184 28.9 24.7 37.1

145 30.0 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 21.883 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

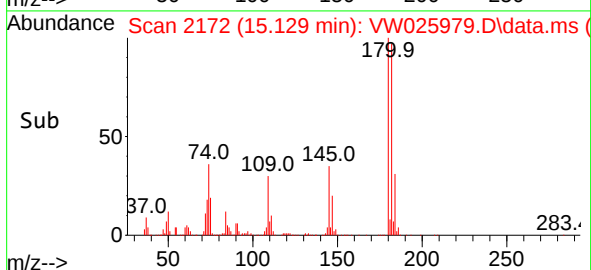
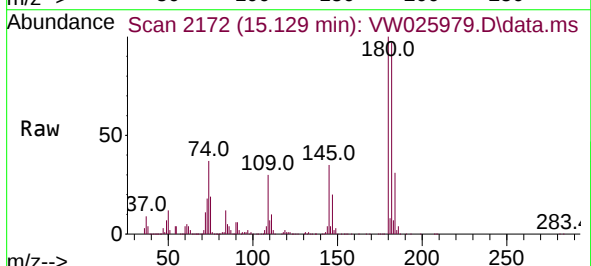
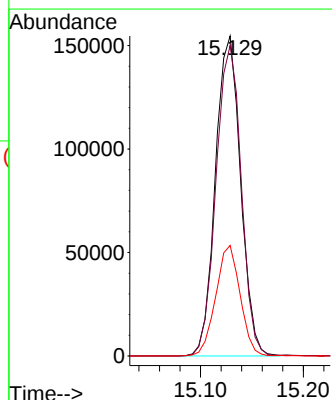
Tgt Ion:180 Resp: 262978

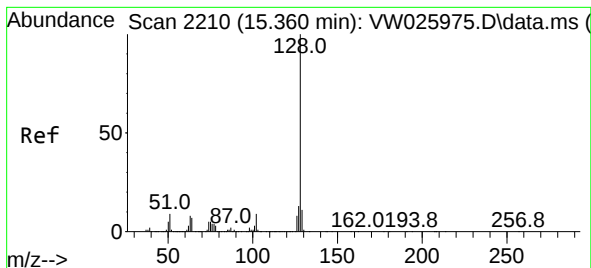
Ion Ratio Lower Upper

180 100

182 97.0 74.3 111.5

145 33.5 25.4 38.0





#71

Naphthalene

Concen: 26.878 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

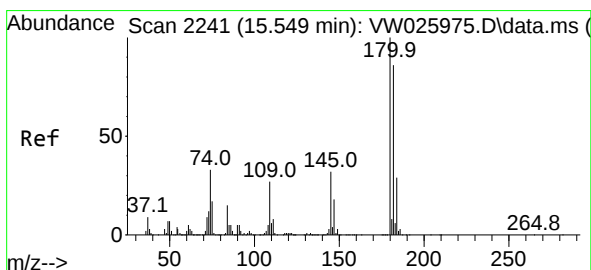
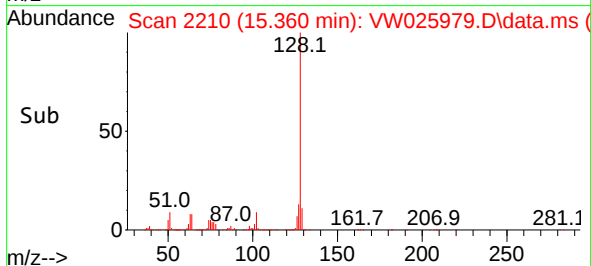
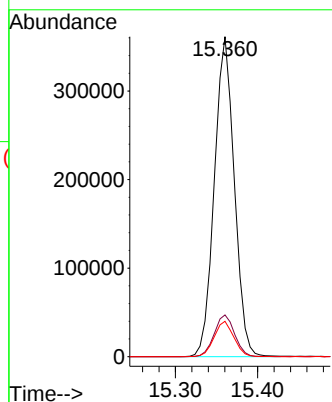
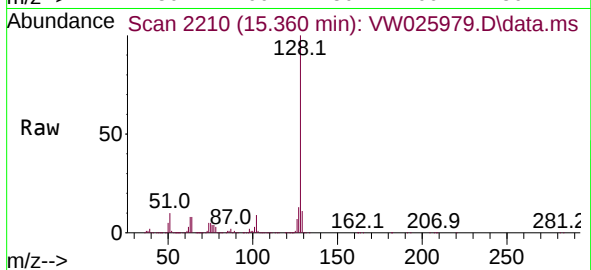
Tgt Ion:128 Resp: 609649

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 23.777 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025979.D

Acq: 15 May 2023 13:01

Tgt Ion:180 Resp: 253534

Ion Ratio Lower Upper

180 100

182 96.6 76.1 114.1

145 35.5 28.0 42.0

