

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032123\
 Data File : VW025454.D
 Acq On : 21 Mar 2023 08:43
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025554

Quant Time: Mar 22 01:22:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 20 23:49:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	726869	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	633112	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	322168	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	242179	20.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.160%
7) Chloroethane-d5	2.899	69	185110	21.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.160%
11) 1,1-Dichloroethene-d2	4.027	63	513625	22.004	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.000%
21) 2-Butanone-d5	7.081	46	122618	41.334	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.660%
24) Chloroform-d	7.648	84	487264	23.253	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	8.307	65	247741	22.027	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.120%
32) Benzene-d6	8.276	84	992096	22.933	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.720%
36) 1,2-Dichloropropane-d6	9.270	67	311381	23.267	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.080%
41) Toluene-d8	10.325	98	859961	22.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	10.575	79	113995	21.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.560%
47) 2-Hexanone-d5	10.922	63	79394	41.256	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	210540	21.473	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	252631	21.087	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.360%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	153614	18.493	ug/L #	88
3) Chloromethane	2.229	50	239614	24.254	ug/L	99
5) Vinyl chloride	2.381	62	270948	24.275	ug/L	98
6) Bromomethane	2.789	94	140127	23.548	ug/L	99
8) Chloroethane	2.936	64	158372	24.687	ug/L	95
9) Trichlorofluoromethane	3.271	101	213876	22.139	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	228451	24.385	ug/L #	73
12) 1,1-Dichloroethene	4.051	96	215054	23.726	ug/L	91
13) Acetone	4.131	43	126662	44.416	ug/L	96
14) Carbon disulfide	4.393	76	684643	24.293	ug/L	100
15) Methyl Acetate	4.673	43	103166	19.284	ug/L	98
16) Methylene chloride	4.917	84	230603	22.784	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	221116	23.271	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	308649	21.576	ug/L	99
19) 1,1-Dichloroethane	6.216	63	465972	23.681	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	243333	23.390	ug/L #	96
22) 2-Butanone	7.173	43	147320	39.935	ug/L	99
23) Bromochloromethane	7.520	128	95479	21.342	ug/L	98
25) Chloroform	7.679	83	427795	23.127	ug/L	98

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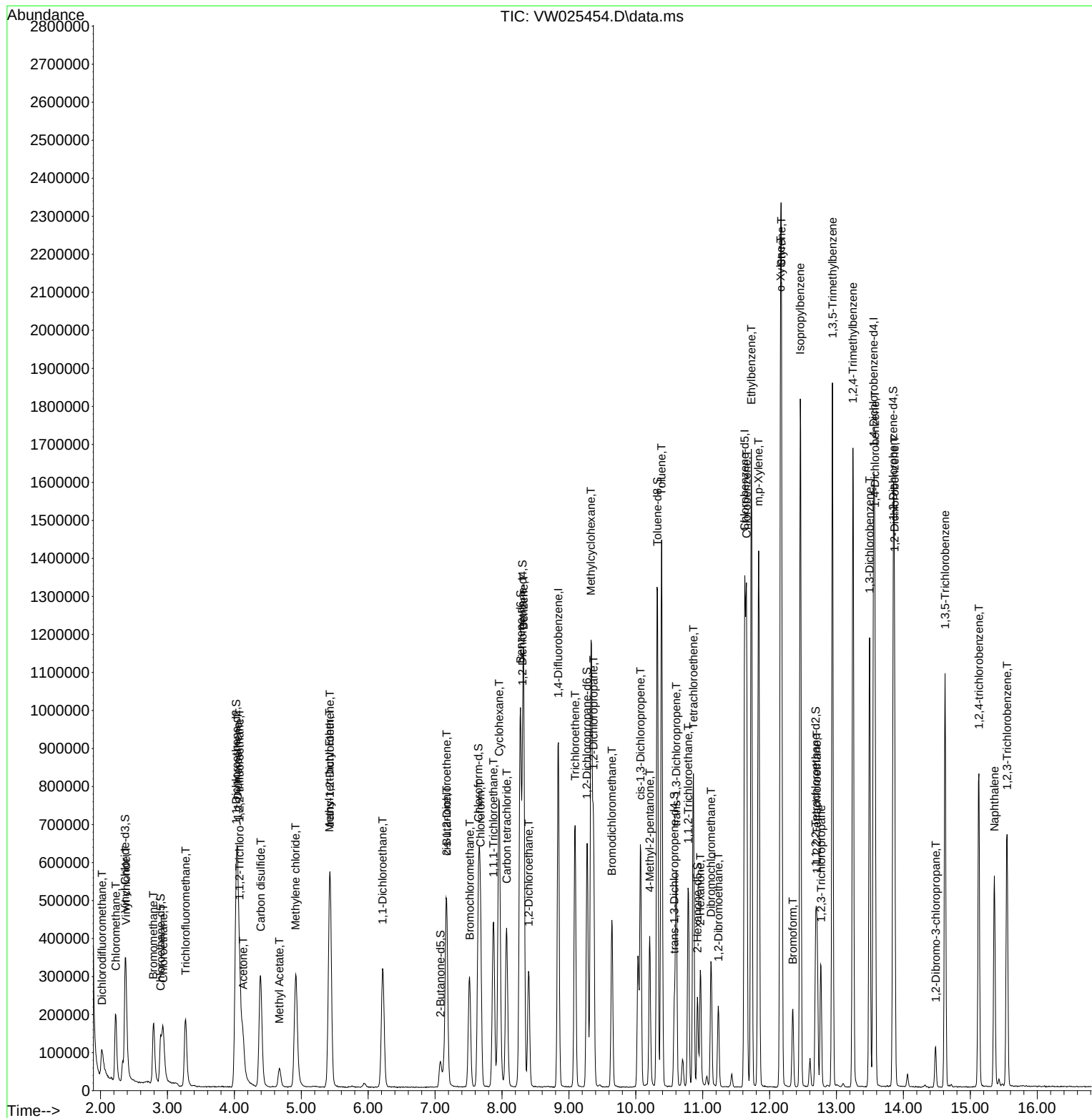
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	278728	22.579	ug/L	99
29) Cyclohexane	7.959	56	449379	25.146	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	350166	23.266	ug/L	99
31) Carbon tetrachloride	8.069	117	313175	23.214	ug/L	97
33) Benzene	8.325	78	970161	23.968	ug/L	100
34) Trichloroethene	9.093	95	245958	23.151	ug/L	96
35) Methylcyclohexane	9.331	83	454164	24.816	ug/L	98
37) 1,2-Dichloropropane	9.368	63	260021	23.337	ug/L	100
38) Bromodichloromethane	9.642	83	295897	22.771	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	369723	23.034	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	270937	40.458	ug/L	99
42) Toluene	10.386	91	1017021	24.335	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	298813	22.230	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	162441	21.709	ug/L	98
46) Tetrachloroethene	10.861	164	172025	22.757	ug/L	86
48) 2-Hexanone	10.965	43	205814	42.718	ug/L	100
49) Dibromochloromethane	11.123	129	170353	21.308	ug/L	98
50) 1,2-Dibromoethane	11.233	107	145170	20.960	ug/L #	97
51) Chlorobenzene	11.654	112	605949	22.845	ug/L	100
52) Ethylbenzene	11.727	91	1143460	23.989	ug/L	99
53) m,p-Xylene	11.837	106	431671	24.554	ug/L	96
54) o-Xylene	12.166	106	396035	23.939	ug/L	96
55) Styrene	12.178	104	685459	24.264	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	189032	20.309	ug/L	98
59) Bromoform	12.349	173	92307	19.859	ug/L	98
60) Isopropylbenzene	12.458	105	1129165	23.511	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	136791	19.488	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	912839	23.999	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	889767	23.746	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	453357	22.278	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	464020	22.229	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	396885	21.745	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	28183	17.344	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	296928	21.464	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	239253	20.859	ug/L	97
71) Naphthalene	15.360	128	452368	19.980	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	207067	20.099	ug/L	98

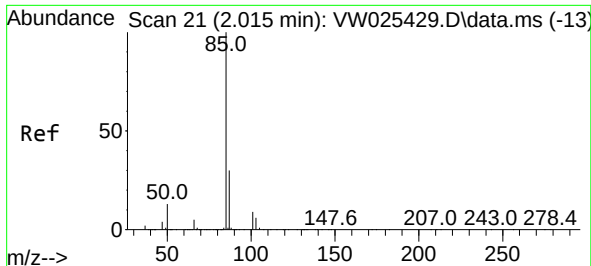
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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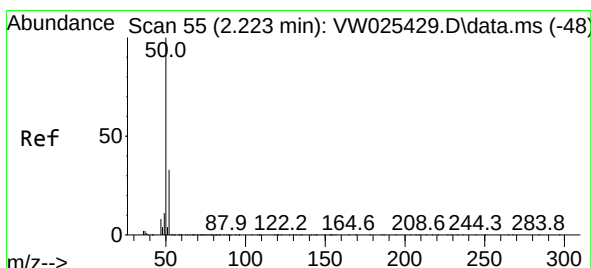
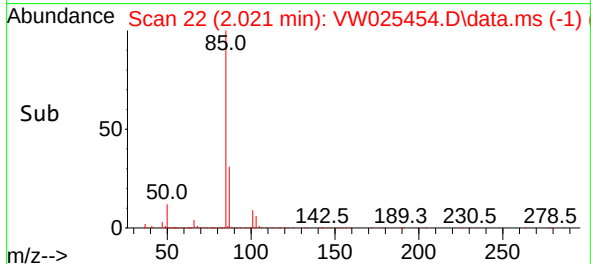
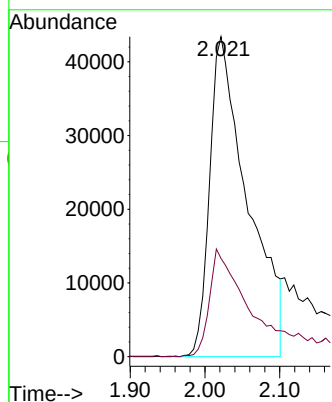
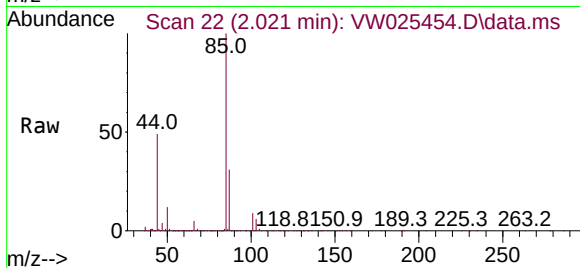




#2
 Dichlorodifluoromethane
 Concen: 18.493 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW025454.D
 Acq: 21 Mar 2023 08:43

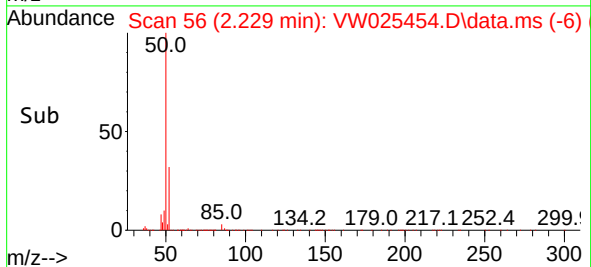
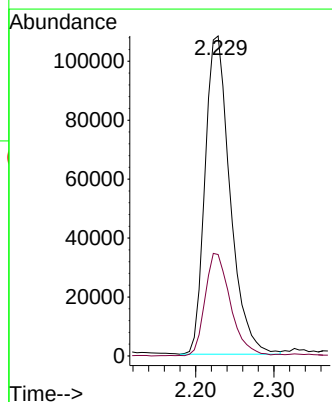
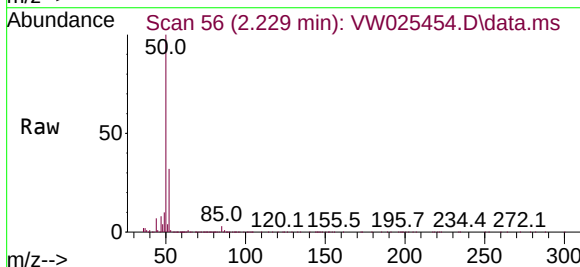
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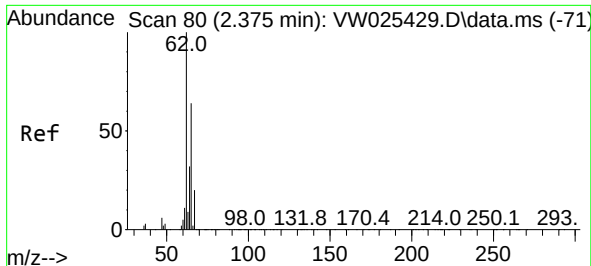
Tgt Ion: 85 Resp: 153614
 Ion Ratio Lower Upper
 85 100
 87 31.6 20.5 30.7#



#3
 Chloromethane
 Concen: 24.254 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW025454.D
 Acq: 21 Mar 2023 08:43

Tgt Ion: 50 Resp: 239614
 Ion Ratio Lower Upper
 50 100
 52 31.7 21.9 40.7

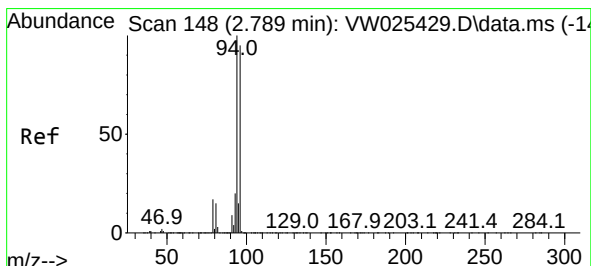
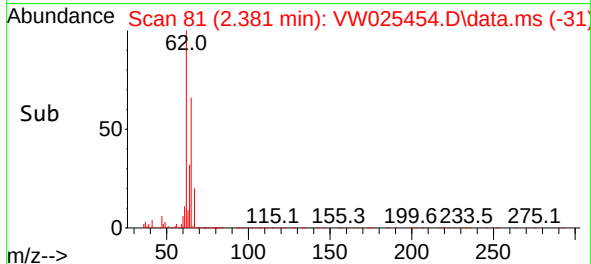
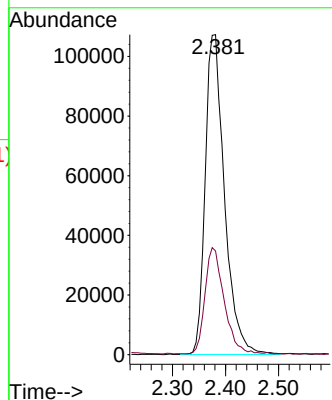
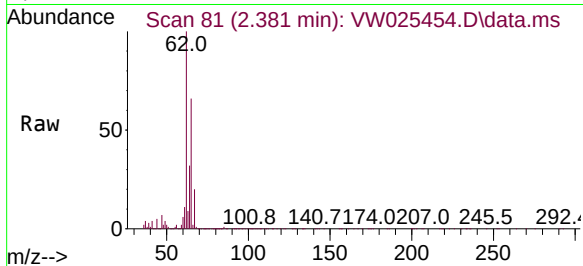




#5
 Vinyl chloride
 Concen: 24.275 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW025454.D
 Acq: 21 Mar 2023 08:43

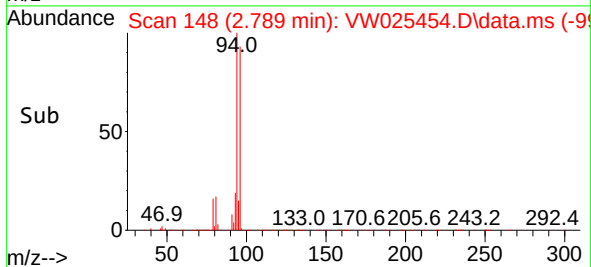
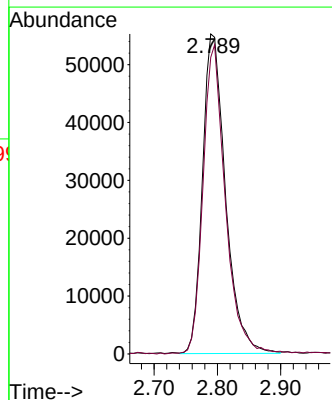
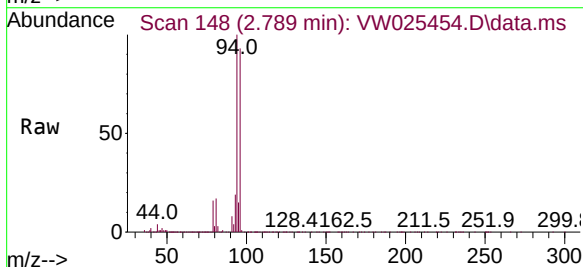
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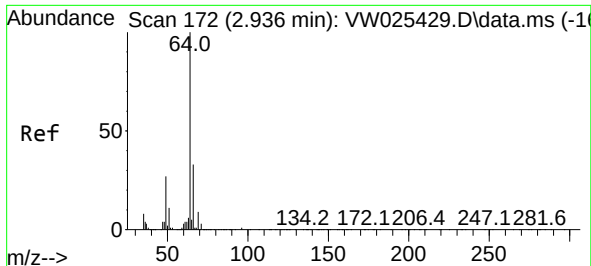
Tgt Ion: 62 Resp: 270948
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.4 43.6



#6
 Bromomethane
 Concen: 23.548 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025454.D
 Acq: 21 Mar 2023 08:43

Tgt Ion: 94 Resp: 140127
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.5 119.9

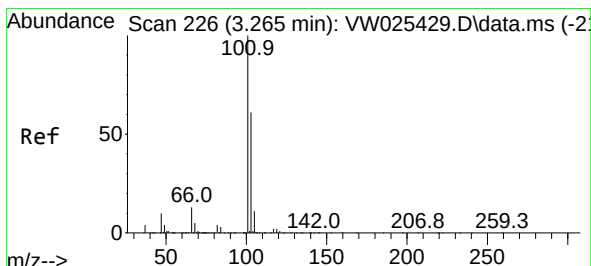
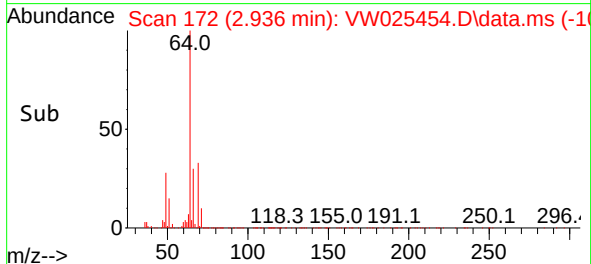
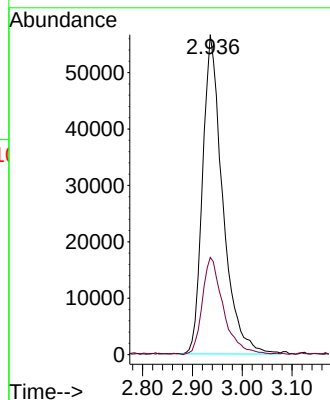
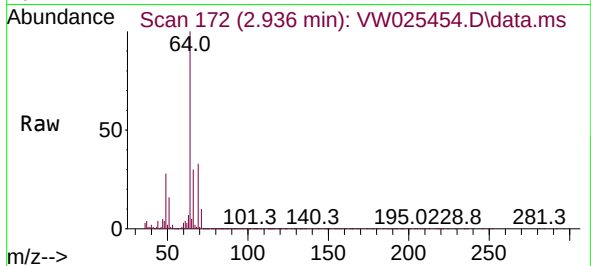




#8
Chloroethane
Concen: 24.687 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

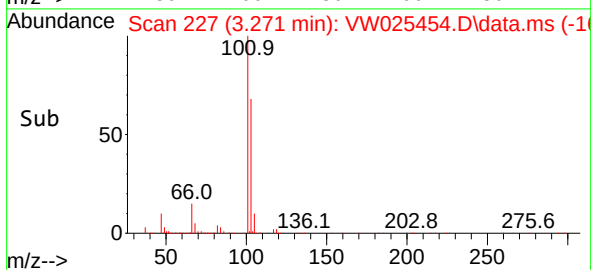
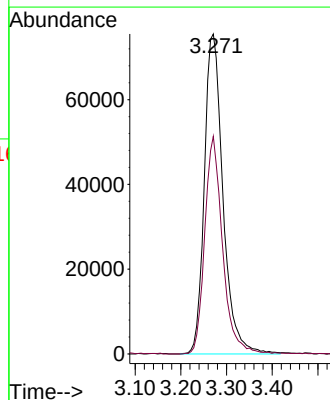
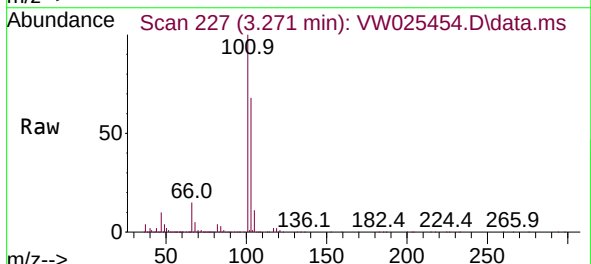
Instrument :
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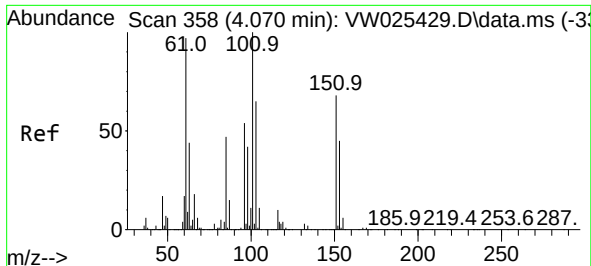
Tgt Ion: 64 Resp: 158372
Ion Ratio Lower Upper
64 100
66 30.4 23.3 43.3



#9
Trichlorofluoromethane
Concen: 22.139 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

Tgt Ion:101 Resp: 213876
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

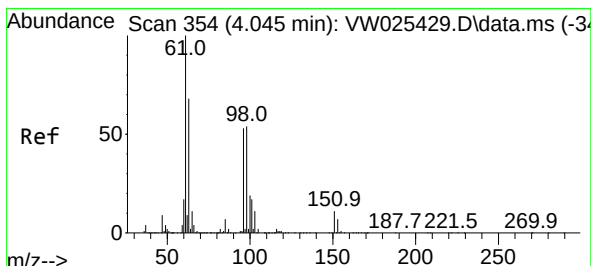
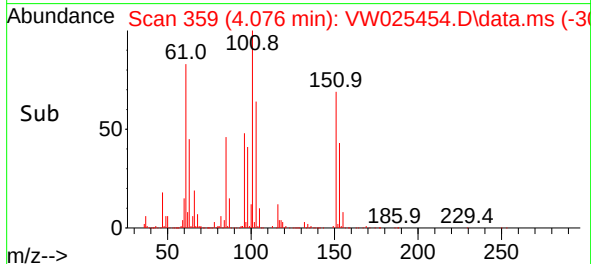
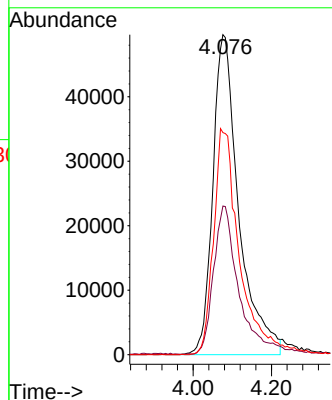
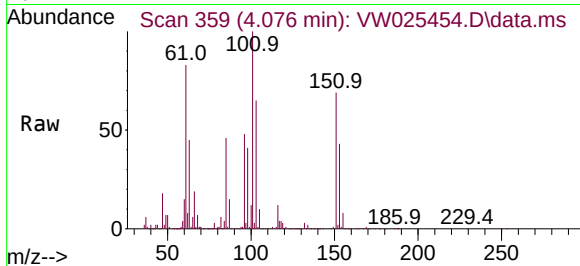




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.385 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW025454.D
 Acq: 21 Mar 2023 08:43

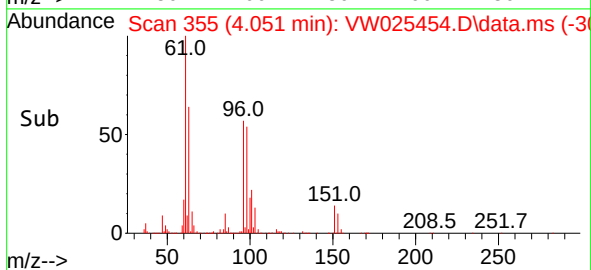
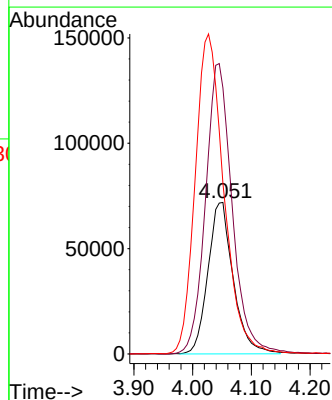
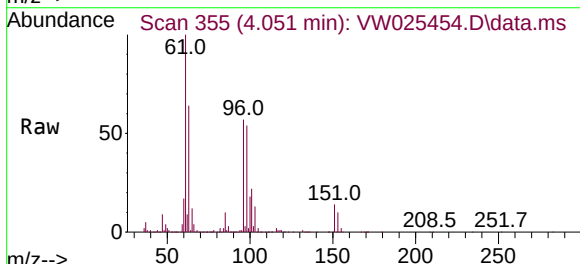
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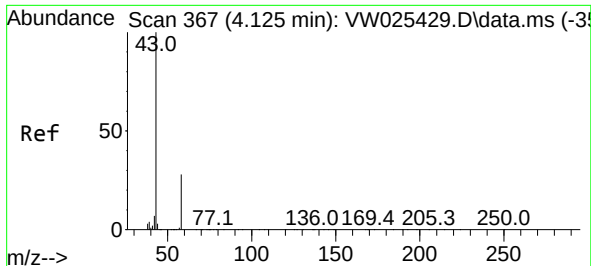
Tgt Ion: 101 Resp: 228451
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.8 53.8
 151 33.0 54.2 81.2#



#12
 1,1-Dichloroethene
 Concen: 23.726 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW025454.D
 Acq: 21 Mar 2023 08:43

Tgt Ion: 96 Resp: 215054
 Ion Ratio Lower Upper
 96 100
 61 175.6 130.7 242.7
 63 112.7 88.3 164.1

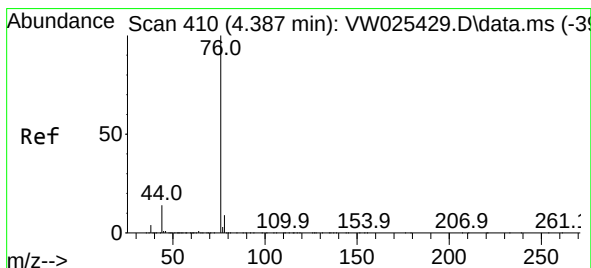
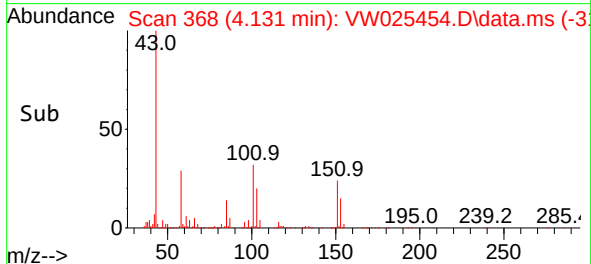
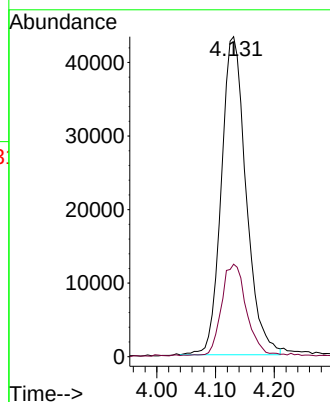
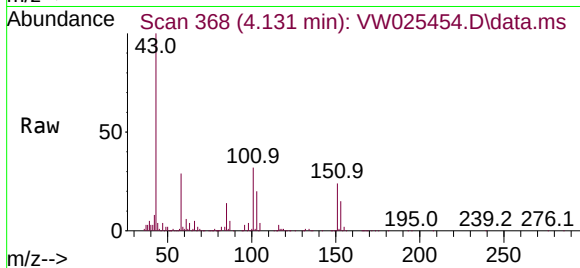




#13
Acetone
Concen: 44.416 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

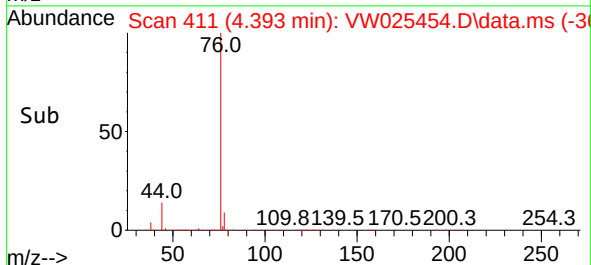
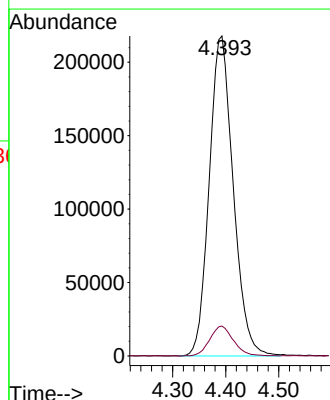
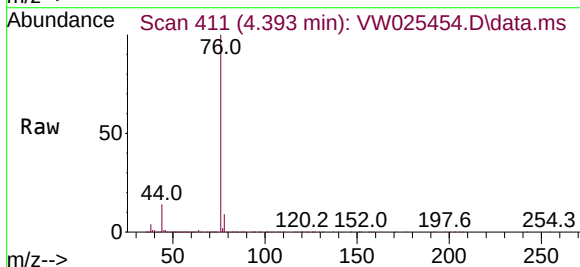
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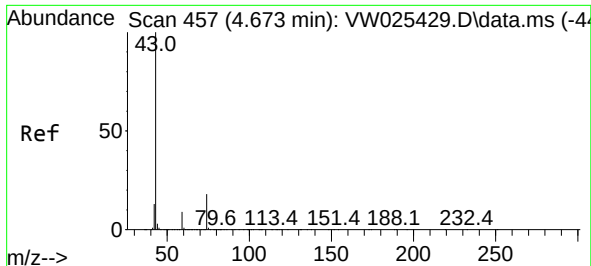
Tgt Ion: 43 Resp: 126662
Ion Ratio Lower Upper
43 100
58 27.8 0.0 60.0



#14
Carbon disulfide
Concen: 24.293 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 684643
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

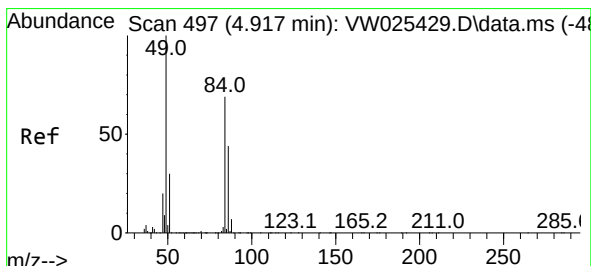
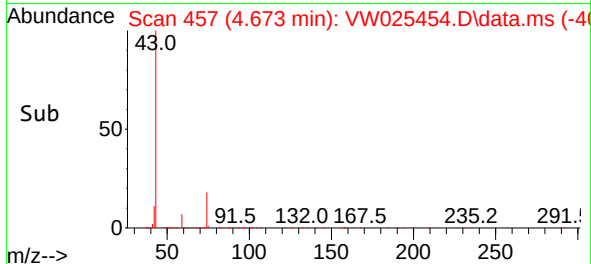
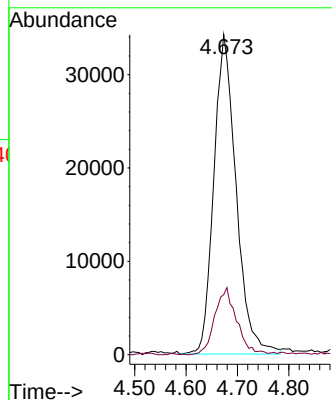
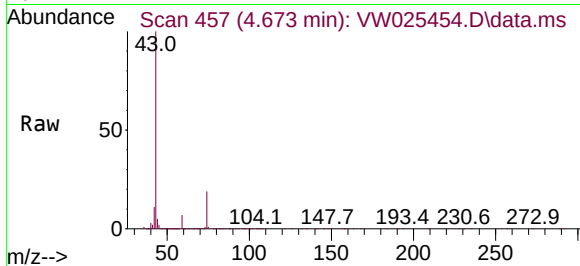




#15
Methyl Acetate
Concen: 19.284 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

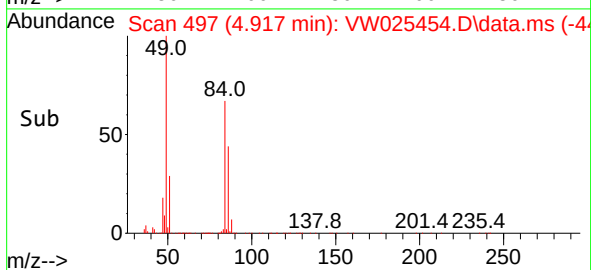
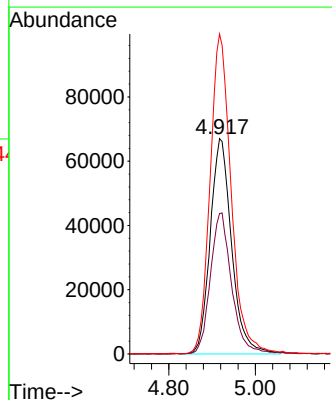
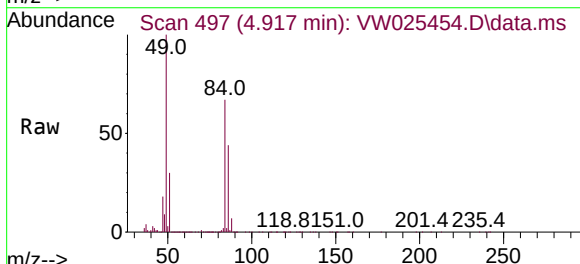
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

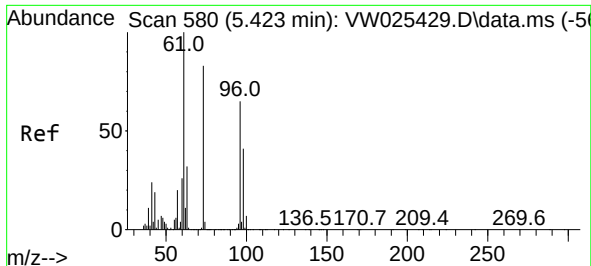
Tgt Ion: 43 Resp: 103166
Ion Ratio Lower Upper
43 100
74 20.1 17.0 25.4



#16
Methylene chloride
Concen: 22.784 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

Tgt Ion: 84 Resp: 230603
Ion Ratio Lower Upper
84 100
86 65.2 45.1 83.7
49 148.5 94.7 175.9

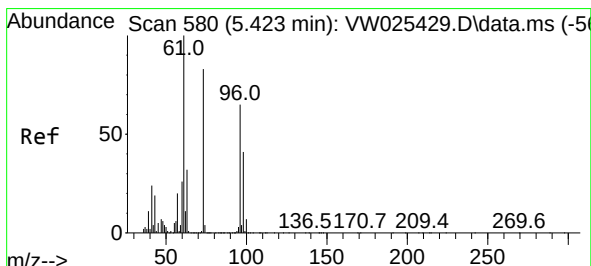
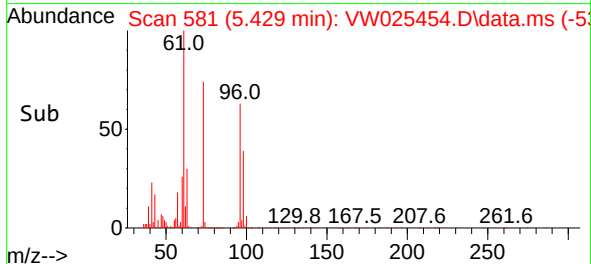
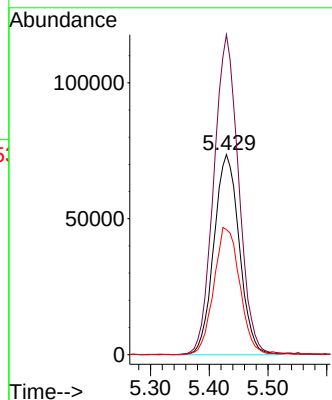
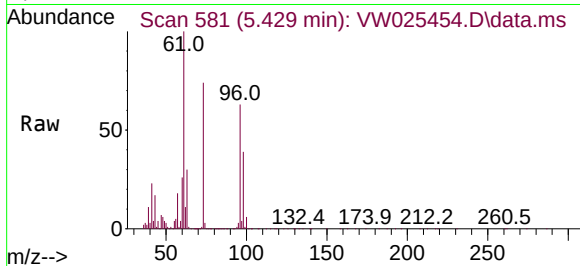




#17
trans-1,2-Dichloroethene
Concen: 23.271 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

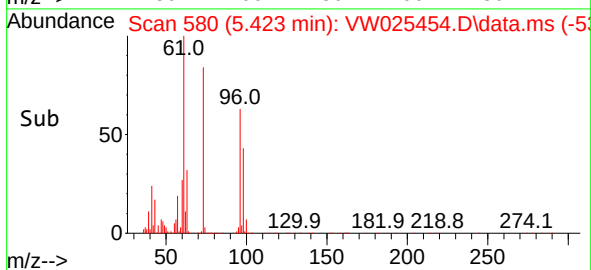
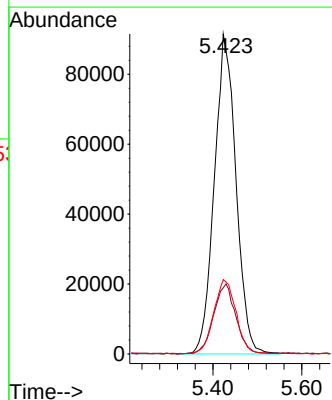
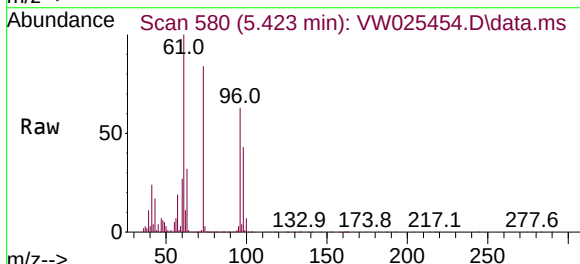
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

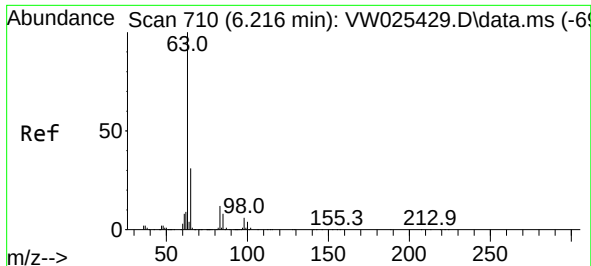
Tgt Ion: 96 Resp: 221116
Ion Ratio Lower Upper
96 100
61 159.9 103.0 191.4
98 62.6 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 21.576 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

Tgt Ion: 73 Resp: 308649
Ion Ratio Lower Upper
73 100
43 22.2 17.6 26.4
57 24.1 18.6 28.0





#19

1,1-Dichloroethane

Concen: 23.681 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025554

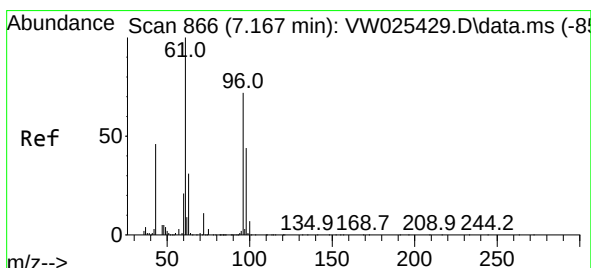
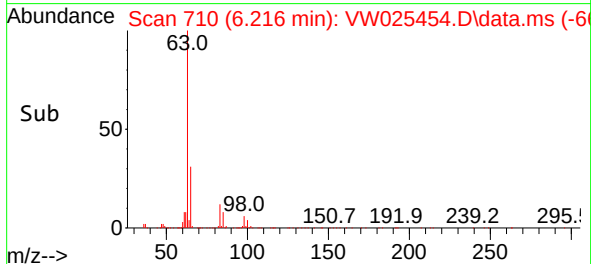
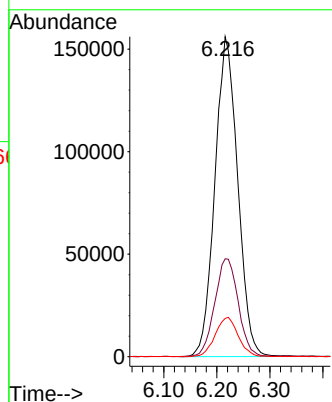
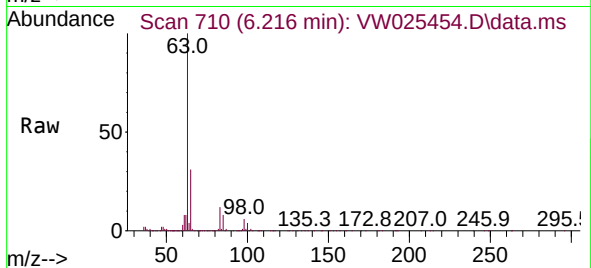
Tgt Ion: 63 Resp: 465972

Ion Ratio Lower Upper

63 100

65 30.6 21.7 40.3

83 11.9 8.4 15.6



#20

cis-1,2-Dichloroethene

Concen: 23.390 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

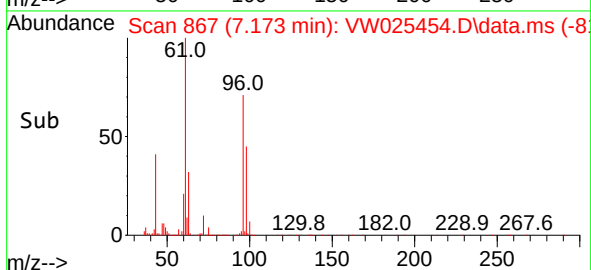
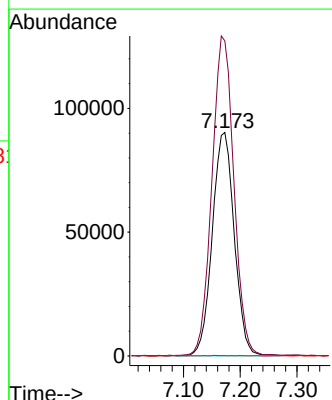
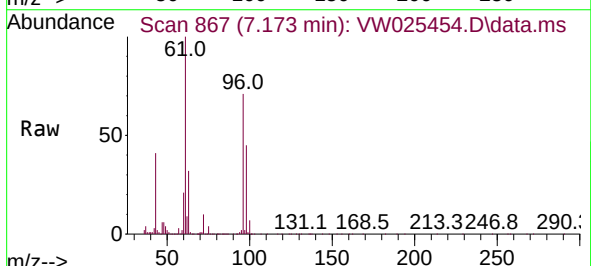
Tgt Ion: 96 Resp: 243333

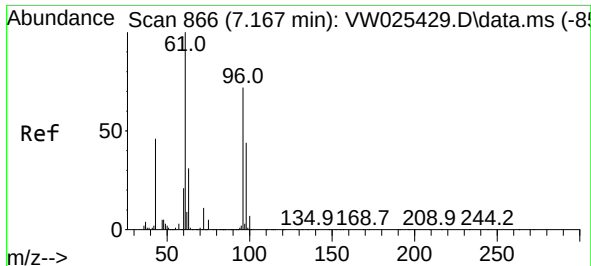
Ion Ratio Lower Upper

96 100

61 141.0 95.5 177.4

68 0.2 0.1 0.1#

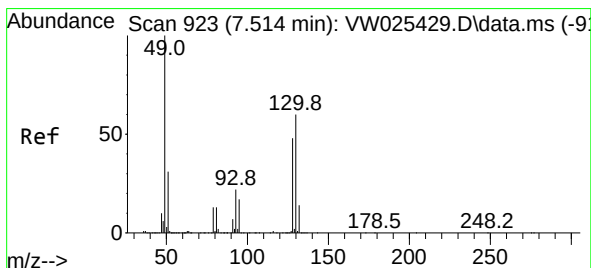
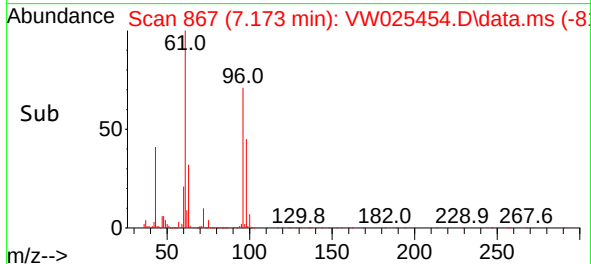
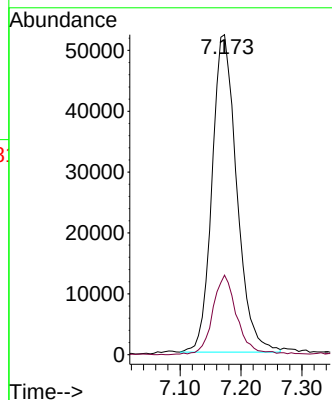
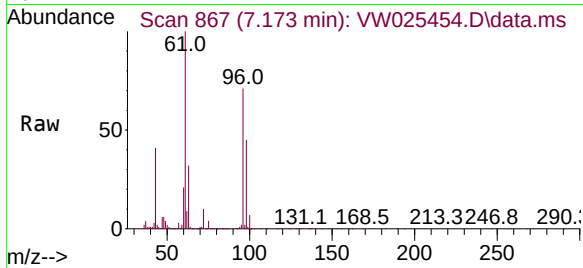




#22
2-Butanone
Concen: 39.935 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

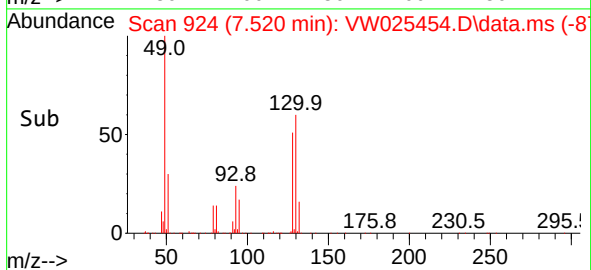
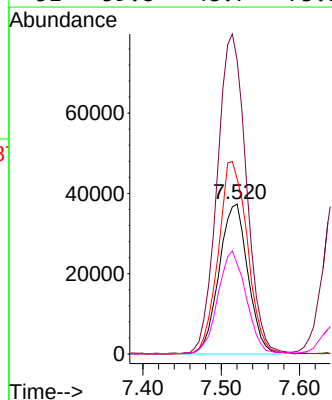
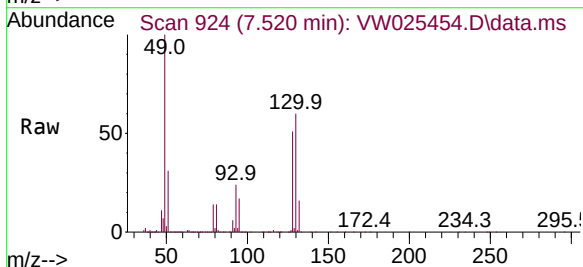
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

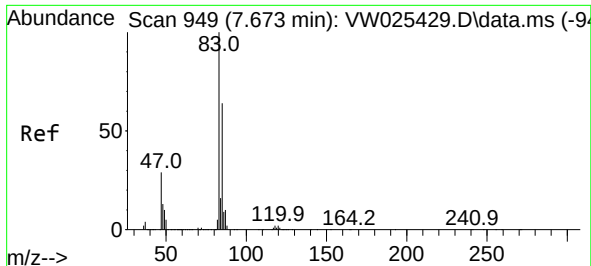
Tgt Ion: 43 Resp: 147320
Ion Ratio Lower Upper
43 100
72 23.4 12.0 36.1



#23
Bromochloromethane
Concen: 21.342 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

Tgt Ion: 128 Resp: 95479
Ion Ratio Lower Upper
128 100
49 195.8 140.6 261.0
130 116.5 80.8 150.0
51 59.8 48.7 73.1

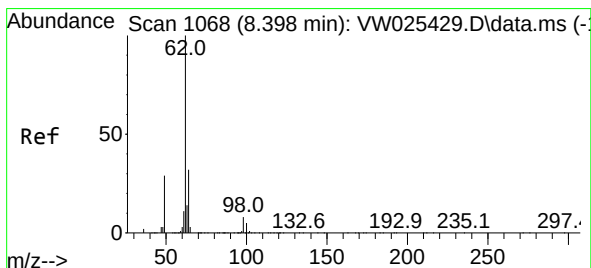
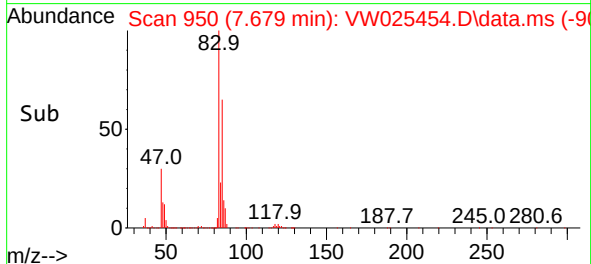
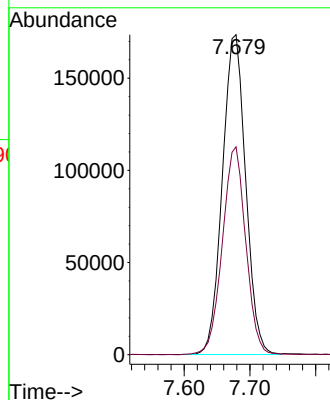
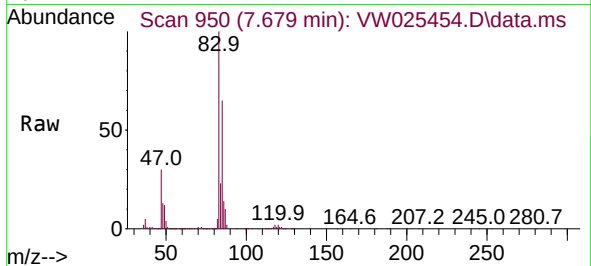




#25
Chloroform
Concen: 23.127 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

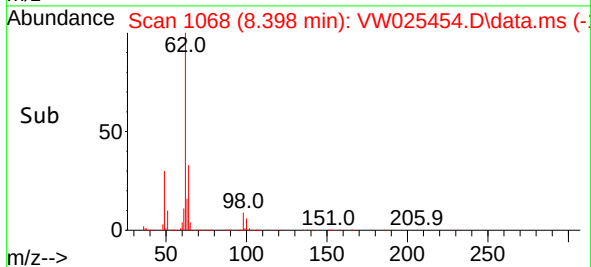
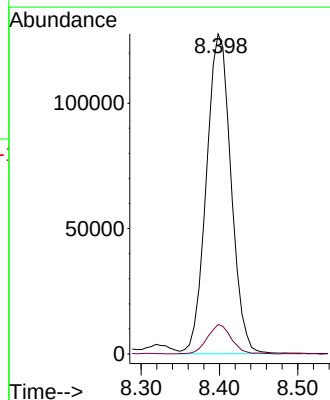
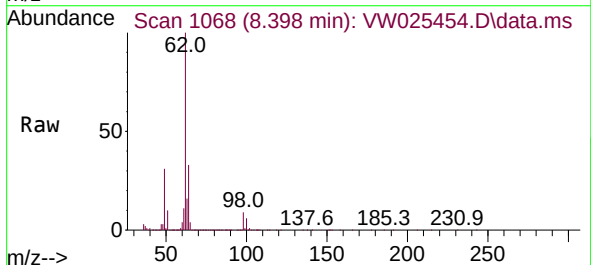
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

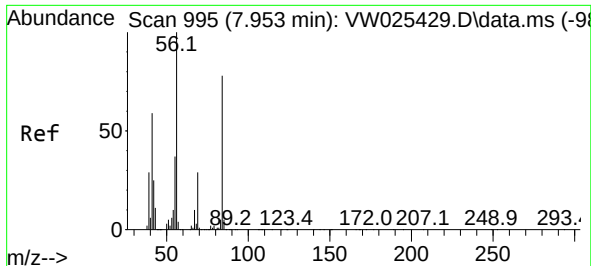
Tgt Ion: 83 Resp: 427795
Ion Ratio Lower Upper
83 100
85 65.0 44.7 82.9



#27
1,2-Dichloroethane
Concen: 22.579 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

Tgt Ion: 62 Resp: 278728
Ion Ratio Lower Upper
62 100
98 9.2 7.2 10.8





#29

Cyclohexane

Concen: 25.146 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025554

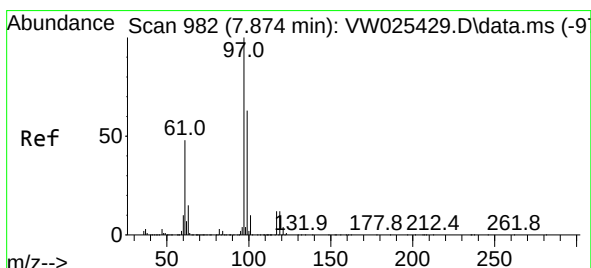
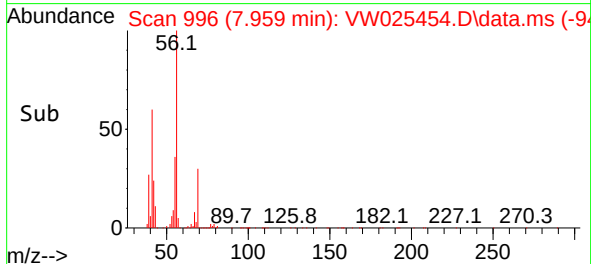
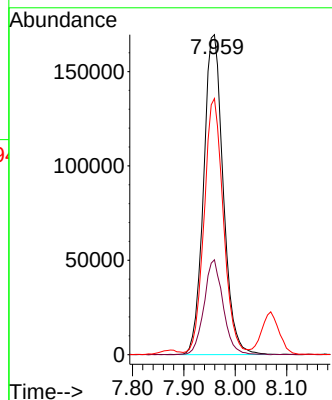
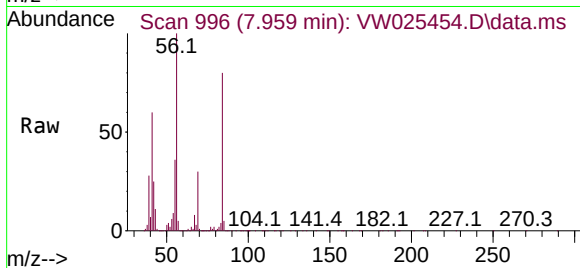
Tgt Ion: 56 Resp: 449379

Ion Ratio Lower Upper

56 100

69 28.7 23.1 34.7

84 79.0 63.9 95.9



#30

1,1,1-Trichloroethane

Concen: 23.266 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

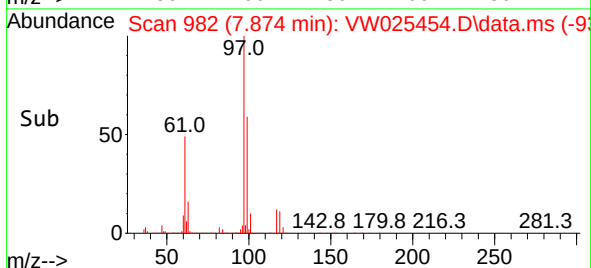
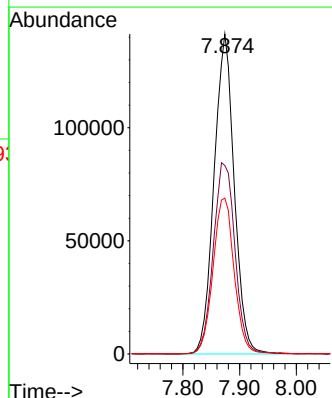
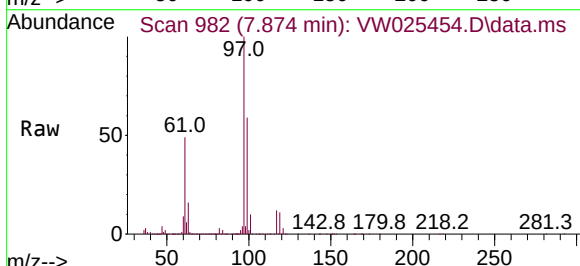
Tgt Ion: 97 Resp: 350166

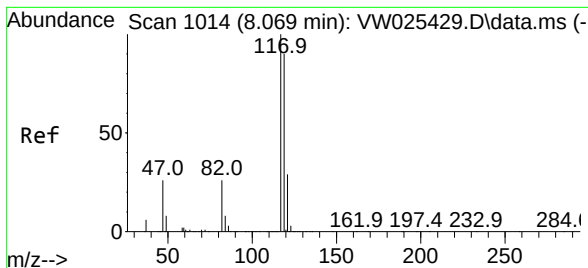
Ion Ratio Lower Upper

97 100

99 64.1 50.9 76.3

61 51.0 39.8 59.6





#31

Carbon tetrachloride

Concen: 23.214 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

Instrument :

MSVOA_W

ClientSampleId :

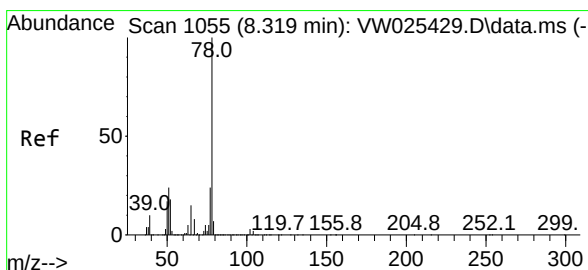
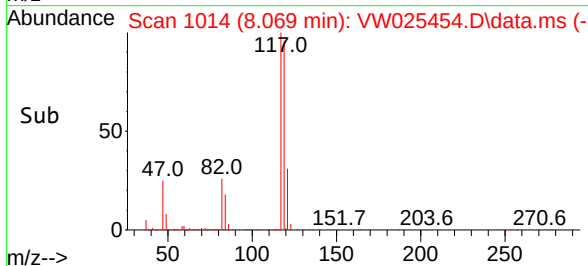
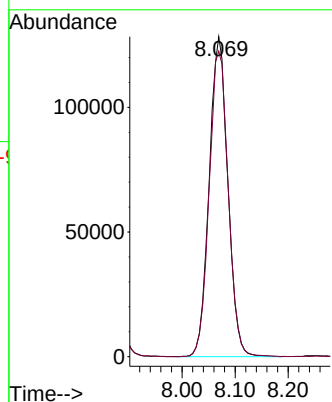
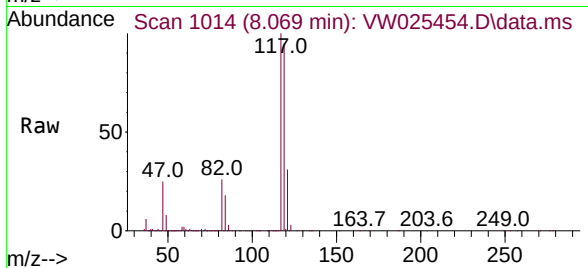
VSTD025554

Tgt Ion:117 Resp: 313175

Ion Ratio Lower Upper

117 100

119 97.7 75.8 113.6



#33

Benzene

Concen: 23.968 ug/L

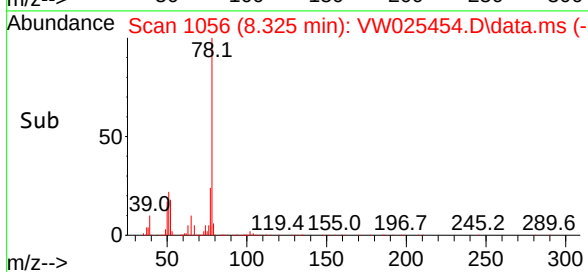
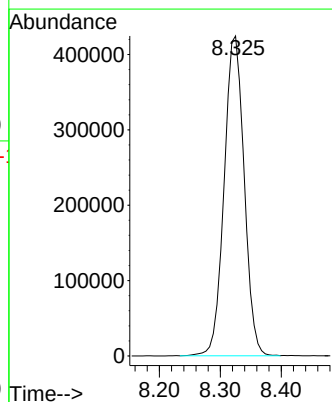
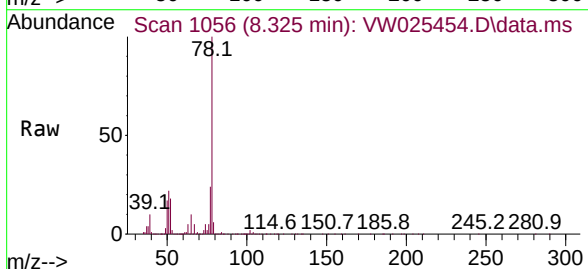
RT: 8.325 min Scan# 1056

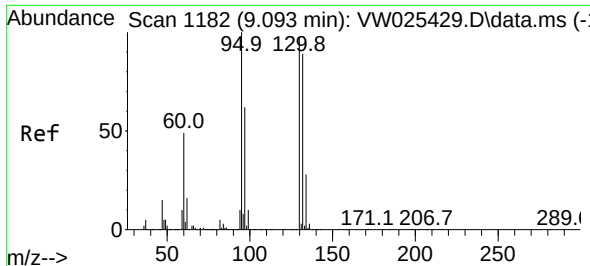
Delta R.T. 0.006 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

Tgt Ion: 78 Resp: 970161



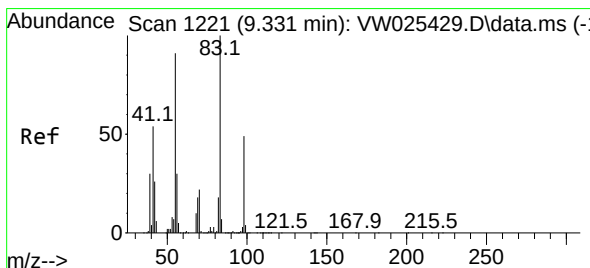
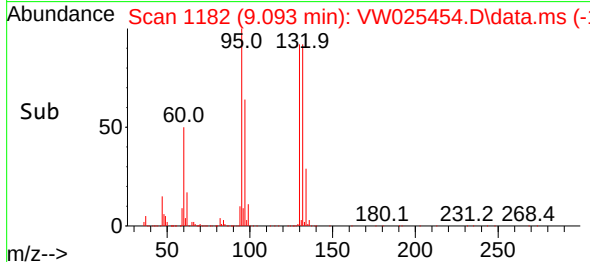
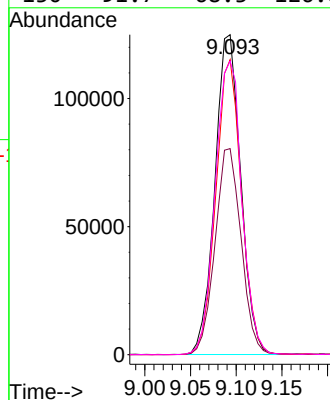
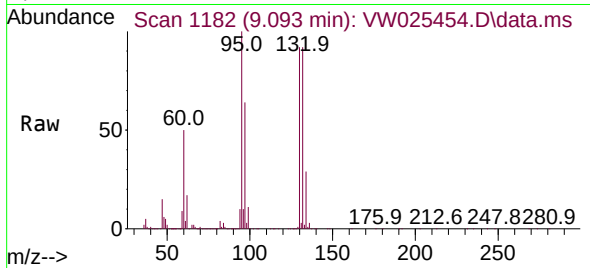


#34
Trichloroethene
Concen: 23.151 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

Tgt Ion: 95 Resp: 245958

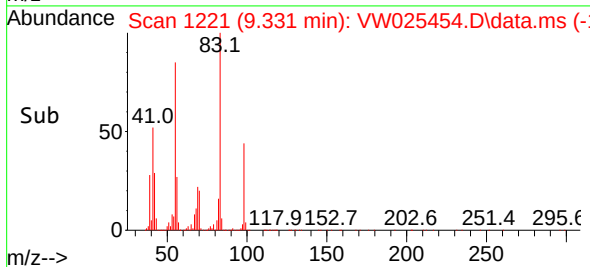
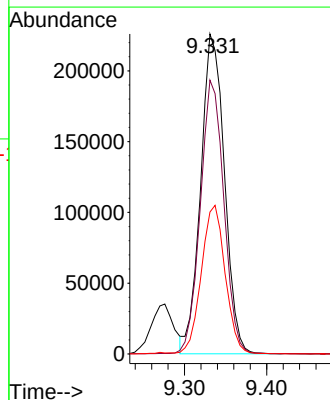
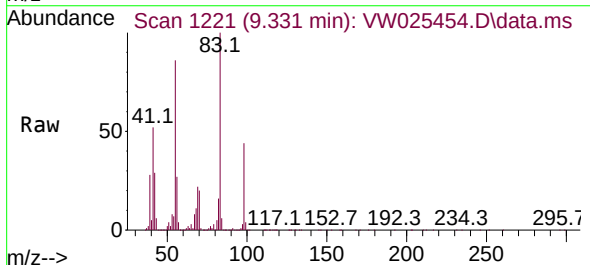
Ion	Ratio	Lower	Upper
95	100		
97	64.4	43.8	81.4
132	92.2	65.9	122.3
130	91.7	68.3	126.8

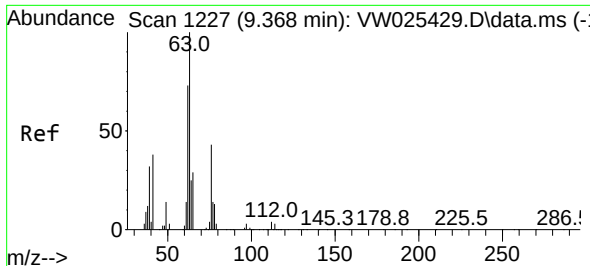


#35
Methylcyclohexane
Concen: 24.816 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

Tgt Ion: 83 Resp: 454164

Ion	Ratio	Lower	Upper
83	100		
55	84.4	68.2	102.4
98	46.7	39.0	58.4





#37

1,2-Dichloropropane

Concen: 23.337 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

Instrument :

MSVOA_W

ClientSampleId :

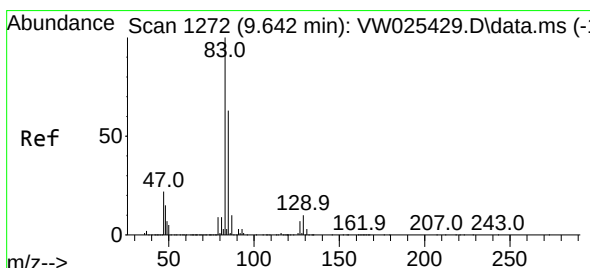
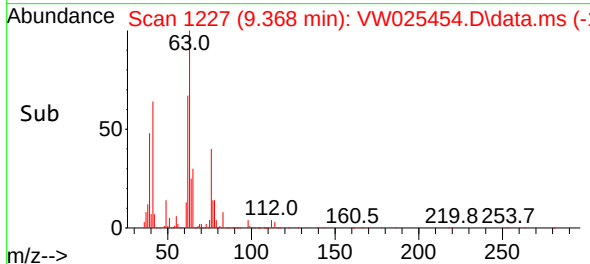
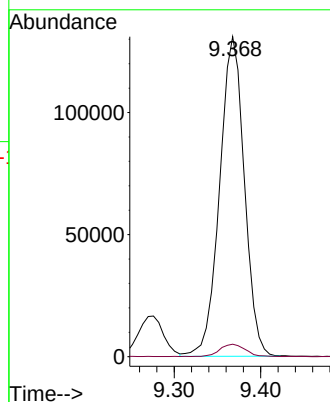
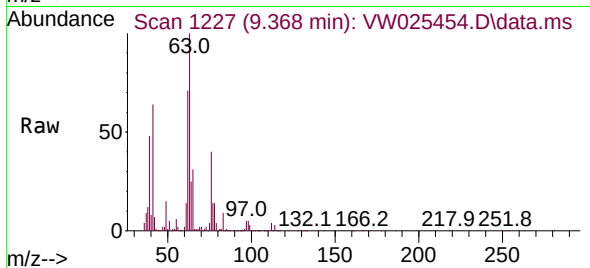
VSTD025554

Tgt Ion: 63 Resp: 260021

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 22.771 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

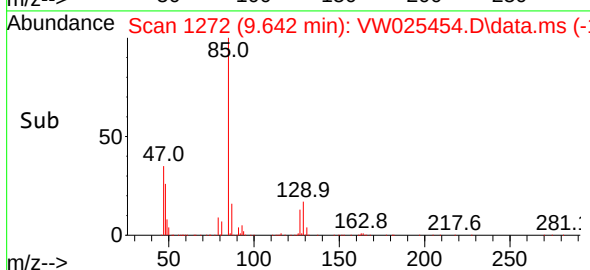
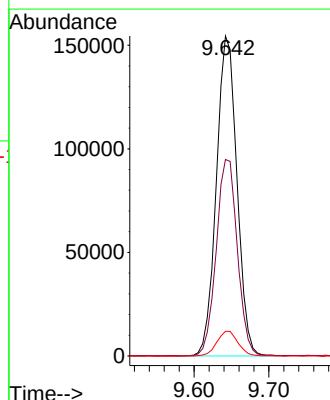
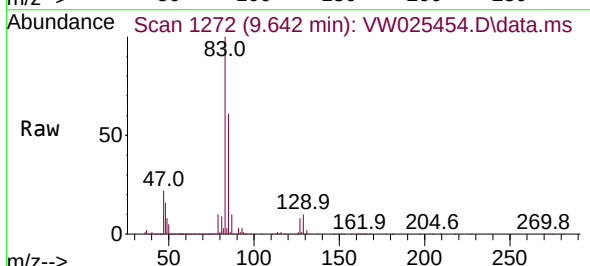
Tgt Ion: 83 Resp: 295897

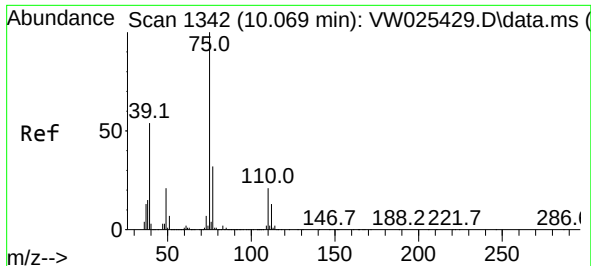
Ion Ratio Lower Upper

83 100

85 61.4 44.7 83.1

127 7.7 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 23.034 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

Instrument :

MSVOA_W

ClientSampleId :

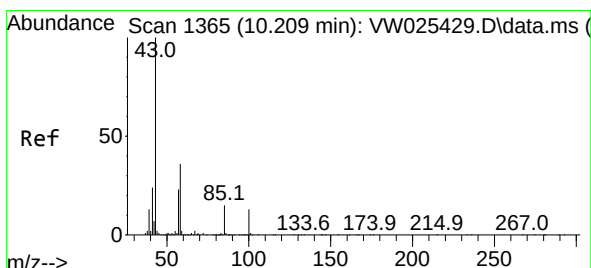
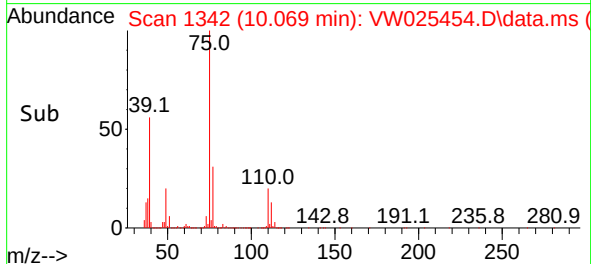
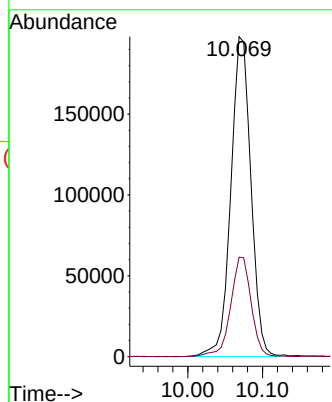
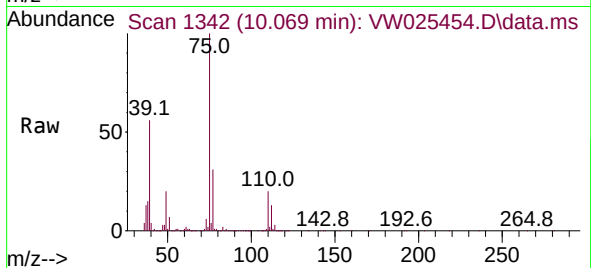
VSTD025554

Tgt Ion: 75 Resp: 369723

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 40.458 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

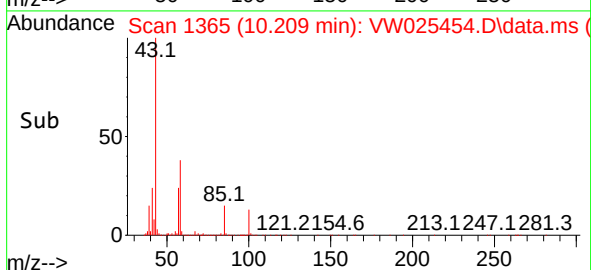
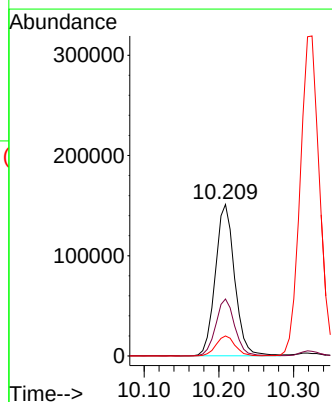
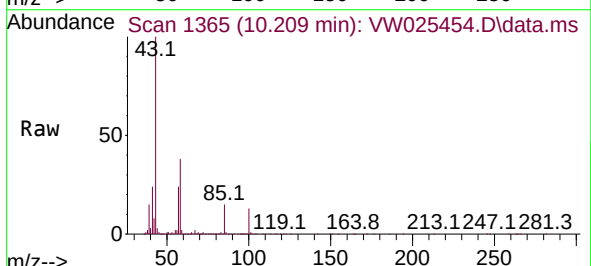
Tgt Ion: 43 Resp: 270937

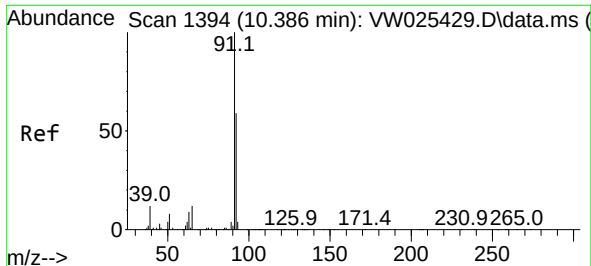
Ion Ratio Lower Upper

43 100

58 37.4 29.6 44.4

100 13.1 10.6 16.0

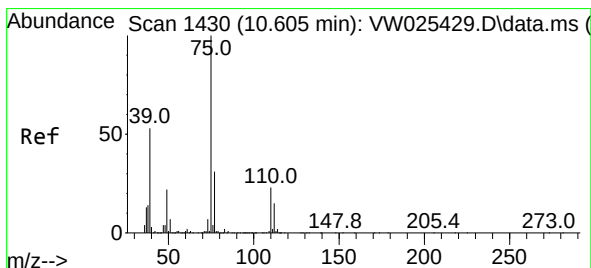
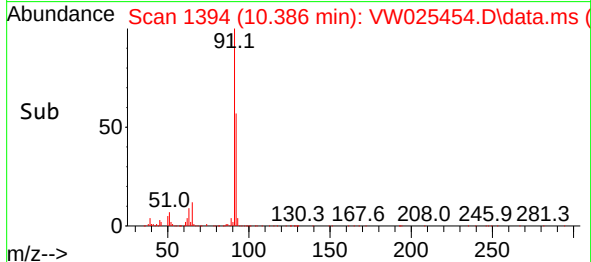
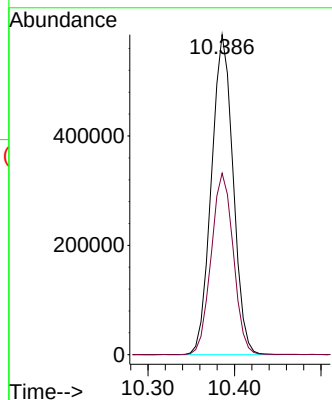
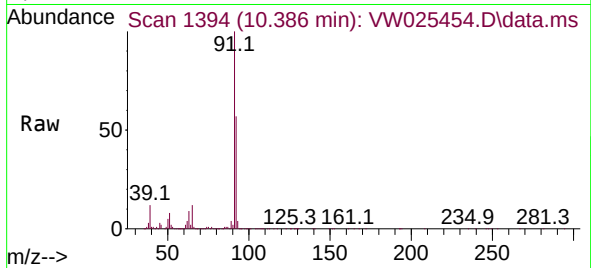




#42
Toluene
Concen: 24.335 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

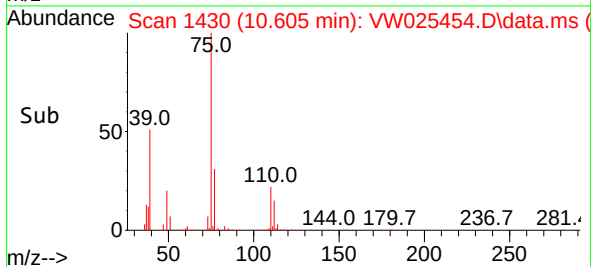
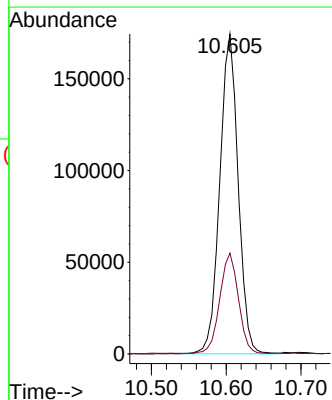
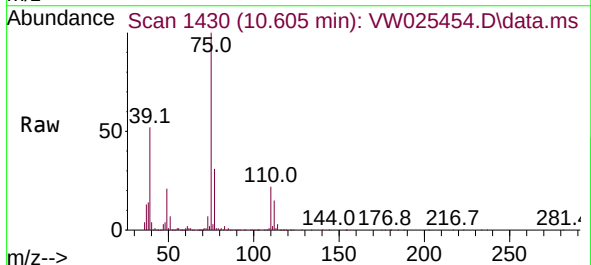
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

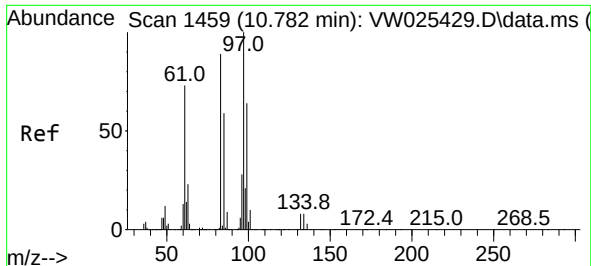
Tgt Ion: 91 Resp: 1017021
Ion Ratio Lower Upper
91 100
92 56.7 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 22.230 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

Tgt Ion: 75 Resp: 298813
Ion Ratio Lower Upper
75 100
77 31.5 22.3 41.3



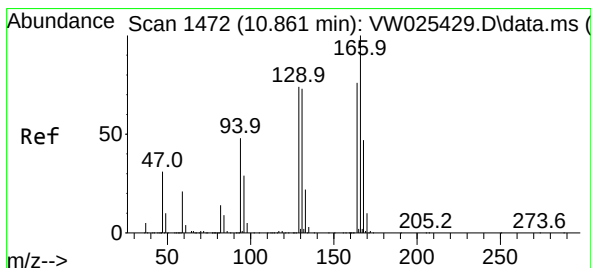
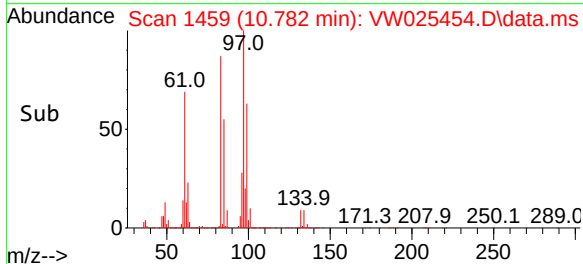
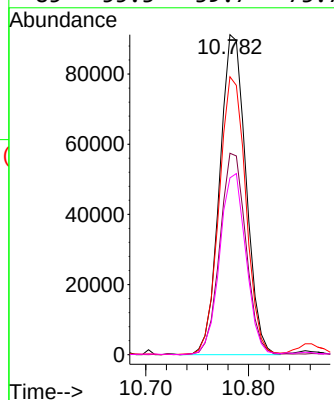
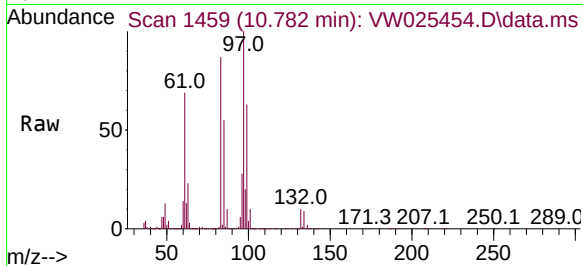


#45
1,1,2-Trichloroethane
Concen: 21.709 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

Tgt Ion: 97 Resp: 162441

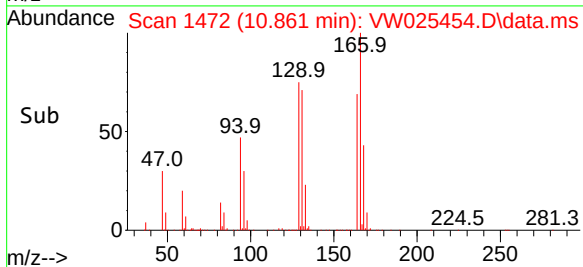
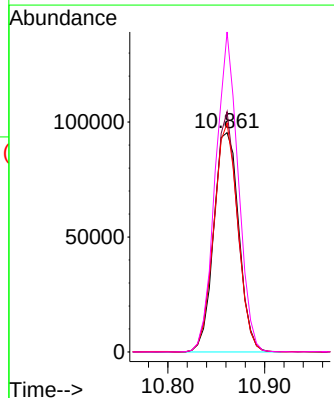
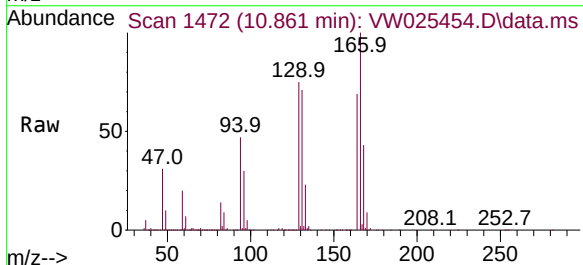
Ion	Ratio	Lower	Upper
97	100		
99	62.9	42.6	79.0
83	86.9	60.5	112.3
85	55.3	39.7	73.7

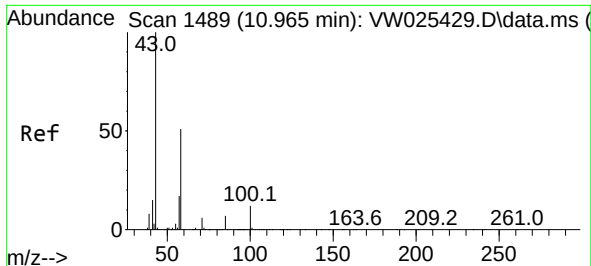


#46
Tetrachloroethene
Concen: 22.757 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

Tgt Ion: 164 Resp: 172025

Ion	Ratio	Lower	Upper
164	100		
129	109.6	67.7	125.7
131	104.3	67.0	124.4
166	145.9	86.5	160.7



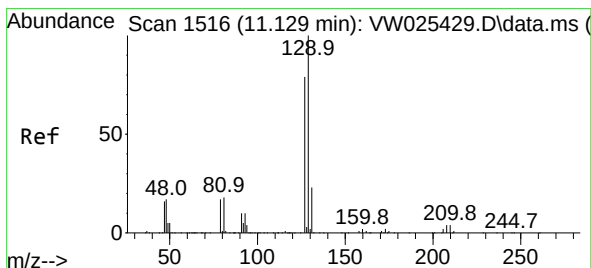
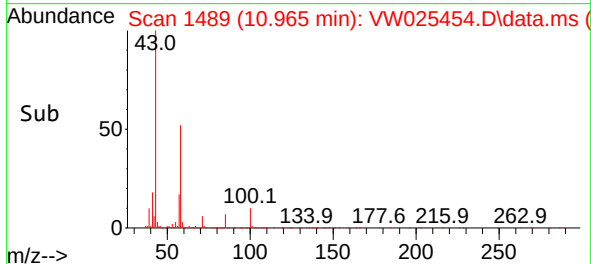
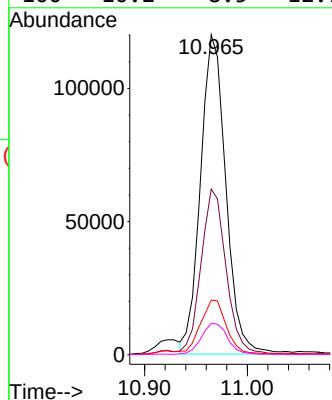
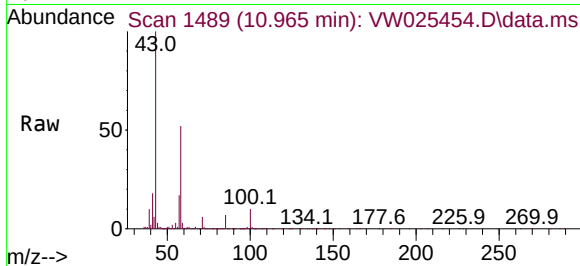


#48
2-Hexanone
Concen: 42.718 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

Tgt Ion: 43 Resp: 205814

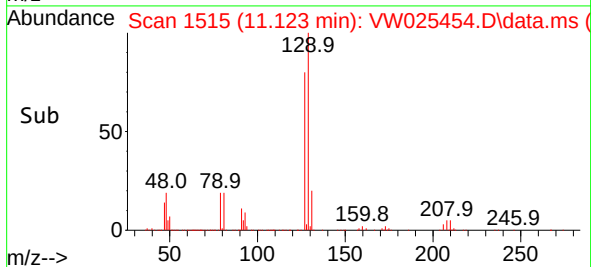
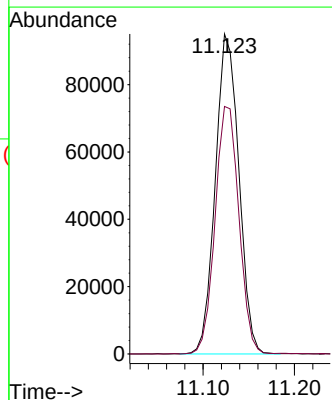
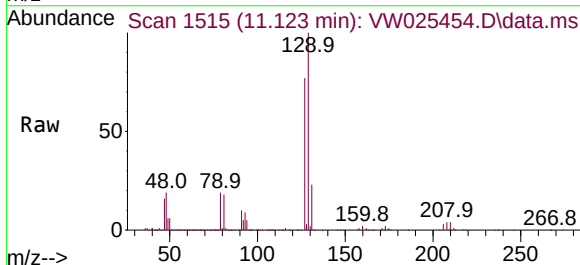
Ion	Ratio	Lower	Upper
43	100		
58	51.2	41.2	61.8
57	17.7	14.2	21.4
100	10.2	8.5	12.7

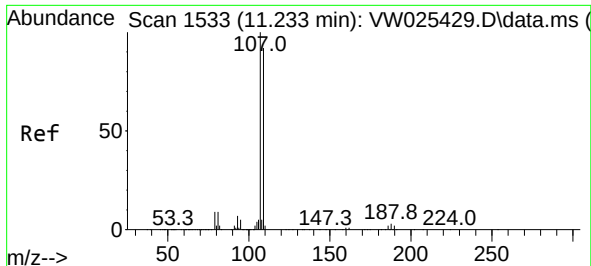


#49
Dibromochloromethane
Concen: 21.308 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

Tgt Ion: 129 Resp: 170353

Ion	Ratio	Lower	Upper
129	100		
127	77.4	52.8	98.2

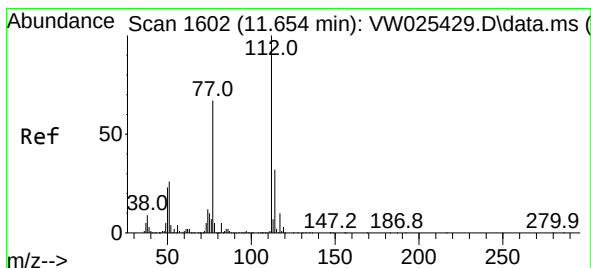
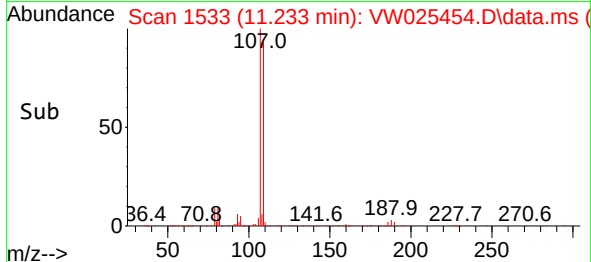
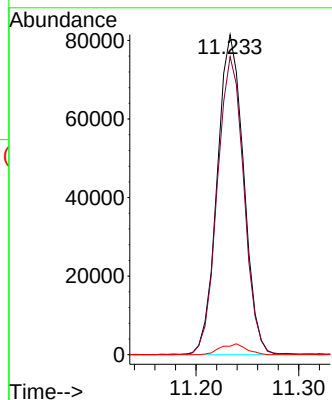
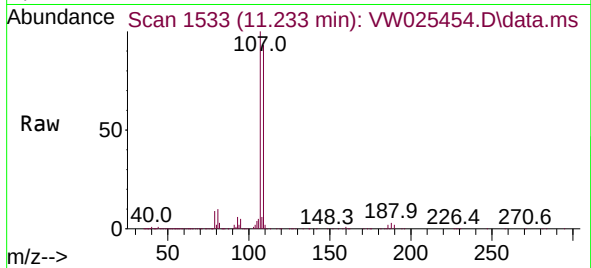




#50
1,2-Dibromoethane
Concen: 20.960 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

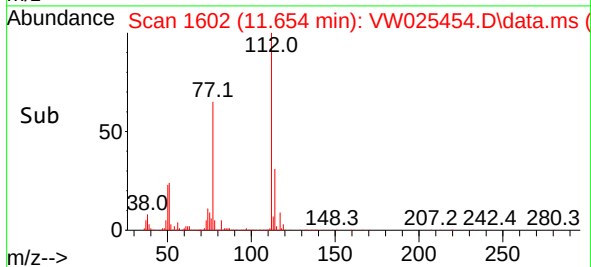
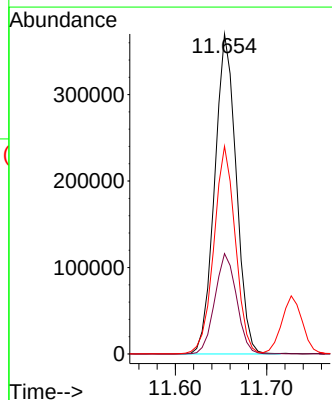
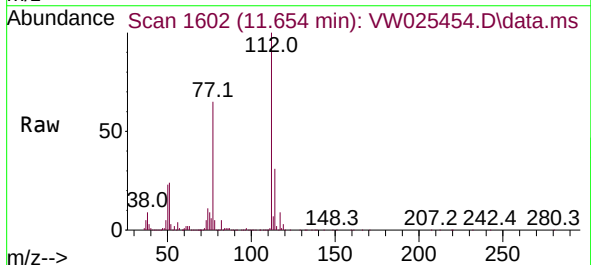
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

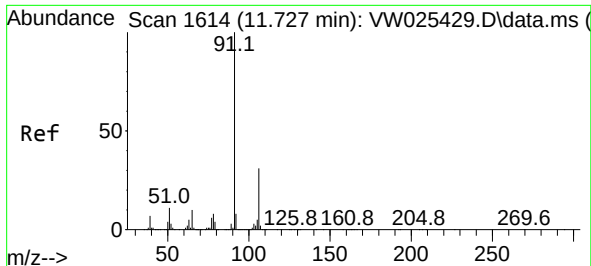
Tgt Ion:107 Resp: 145170
Ion Ratio Lower Upper
107 100
109 93.1 62.9 116.9
188 2.7 3.0 4.4#



#51
Chlorobenzene
Concen: 22.845 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

Tgt Ion:112 Resp: 605949
Ion Ratio Lower Upper
112 100
114 31.4 21.9 40.7
77 64.9 51.8 77.8

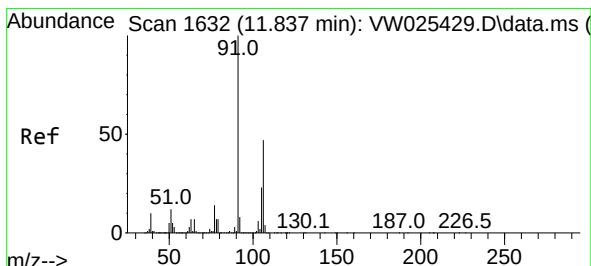
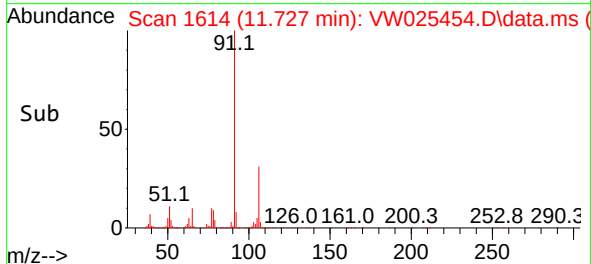
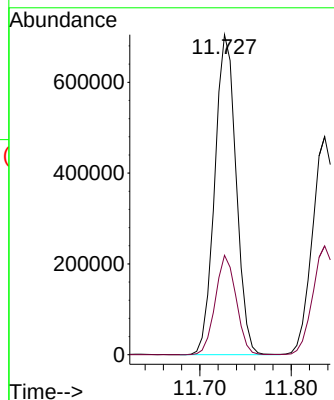
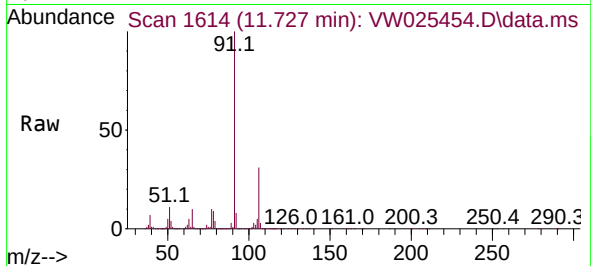




#52
Ethylbenzene
Concen: 23.989 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

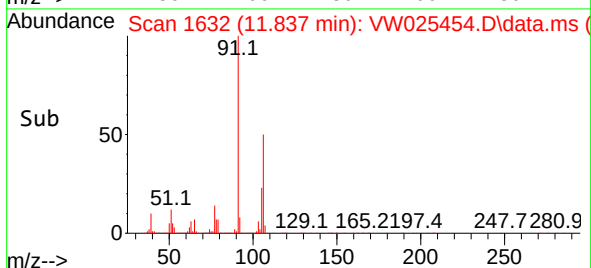
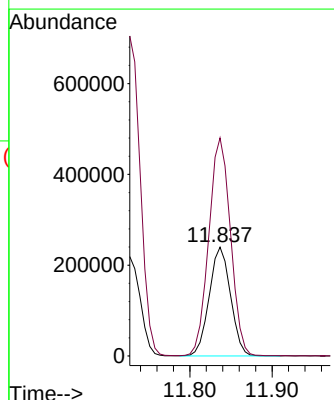
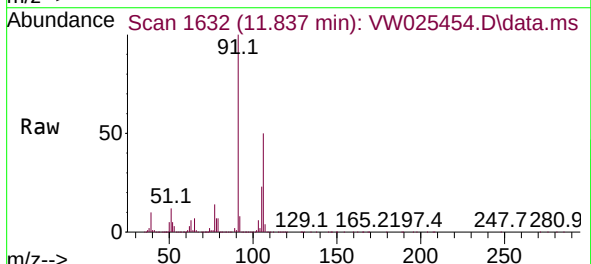
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

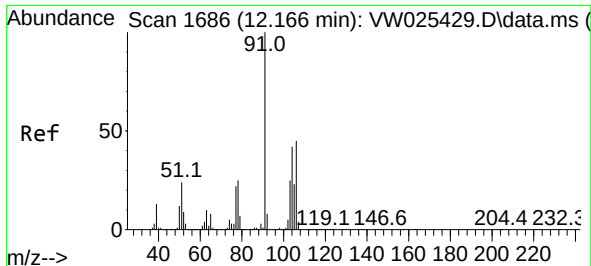
Tgt Ion: 91 Resp: 1143460
Ion Ratio Lower Upper
91 100
106 31.0 22.0 41.0



#53
m,p-Xylene
Concen: 24.554 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

Tgt Ion:106 Resp: 431671
Ion Ratio Lower Upper
106 100
91 200.5 144.2 267.8

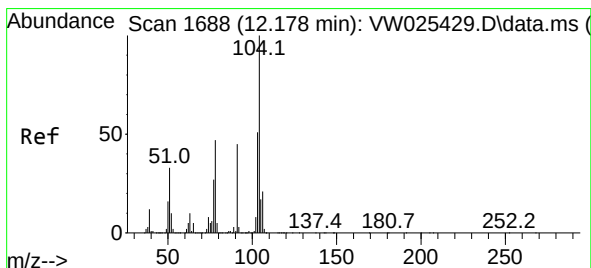
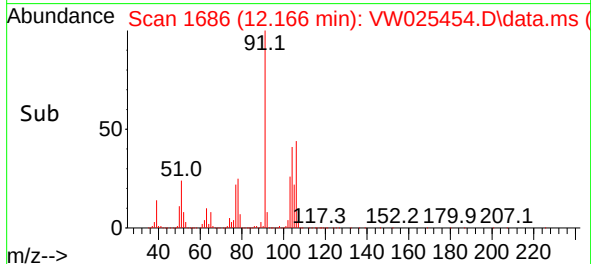
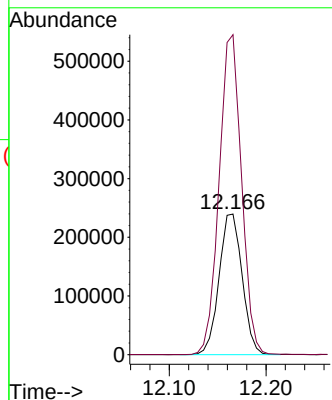
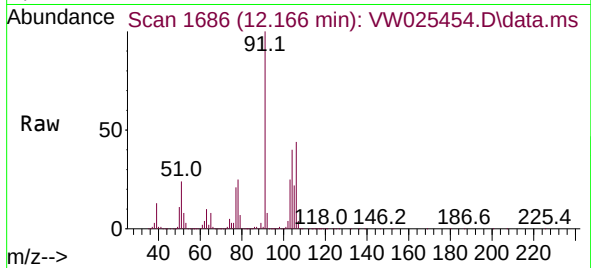




#54
o-Xylene
Concen: 23.939 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

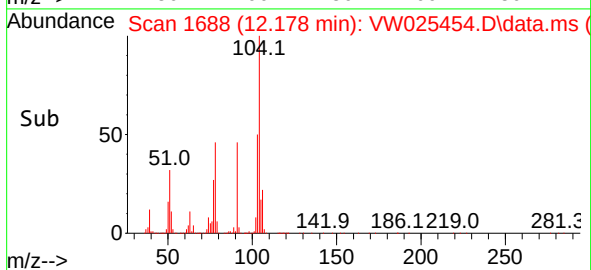
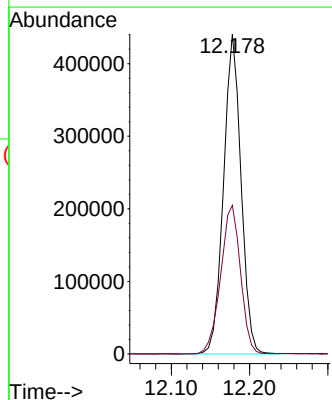
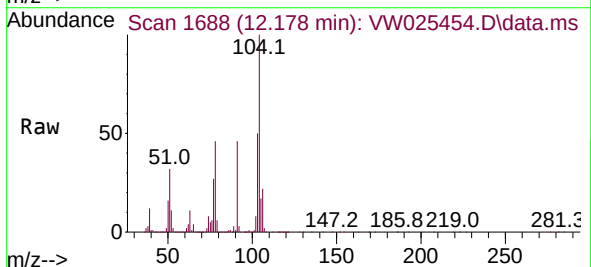
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

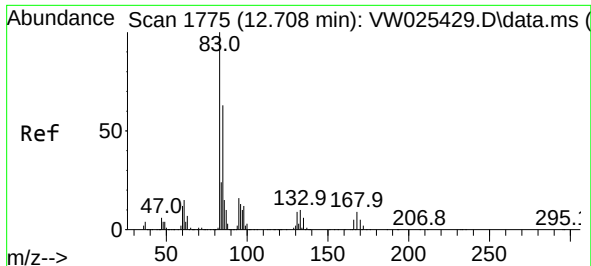
Tgt Ion:106 Resp: 396035
Ion Ratio Lower Upper
106 100
91 227.5 154.6 287.2



#55
Styrene
Concen: 24.264 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

Tgt Ion:104 Resp: 685459
Ion Ratio Lower Upper
104 100
78 46.5 31.1 57.9

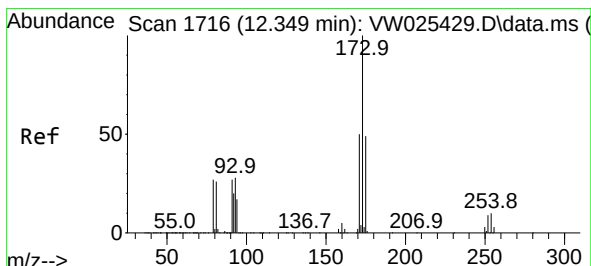
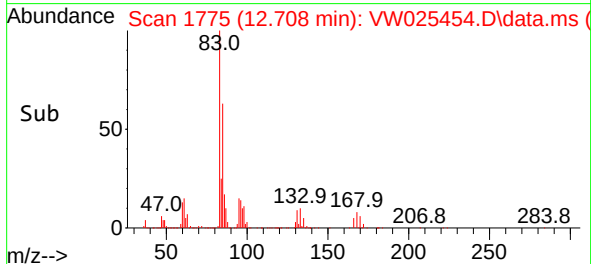
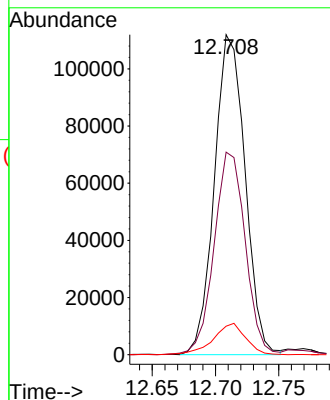
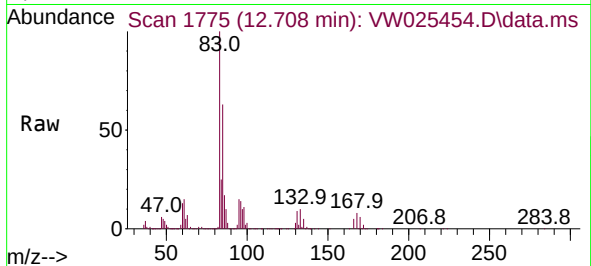




#57
1,1,2,2-Tetrachloroethane
Concen: 20.309 ug/L
RT: 12.708 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

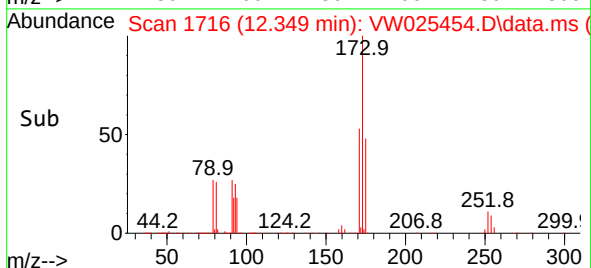
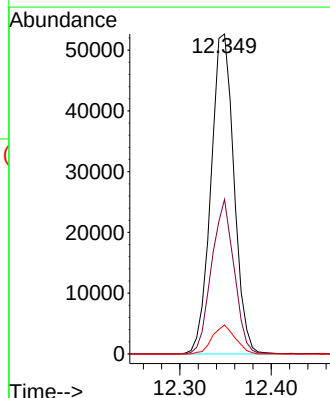
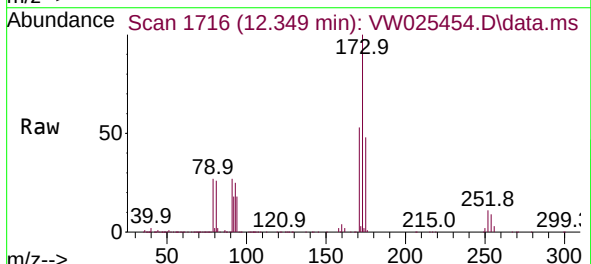
Instrument :
MSVOA_W
ClientSampleId :
VSTD025554

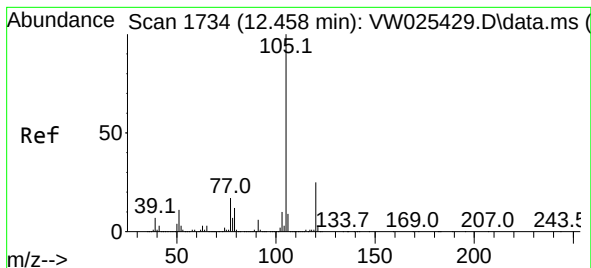
Tgt Ion: 83 Resp: 189032
Ion Ratio Lower Upper
83 100
85 63.3 45.4 84.2
131 8.9 8.0 12.0



#59
Bromoform
Concen: 19.859 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW025454.D
Acq: 21 Mar 2023 08:43

Tgt Ion: 173 Resp: 92307
Ion Ratio Lower Upper
173 100
175 47.1 38.6 57.8
254 9.0 7.9 11.9





#60

Isopropylbenzene

Concen: 23.511 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025554

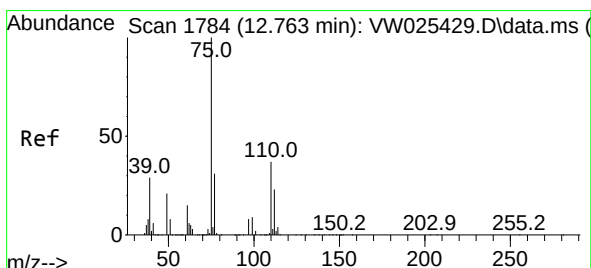
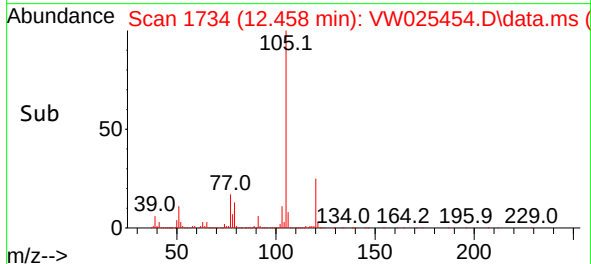
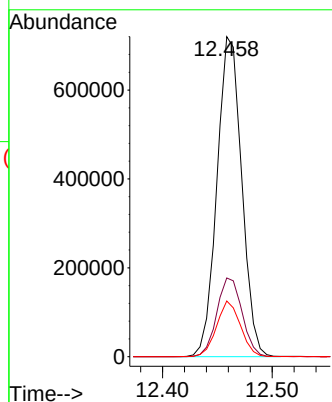
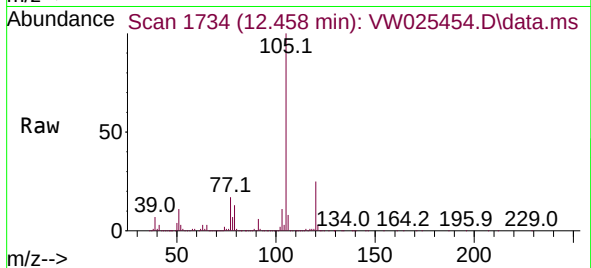
Tgt Ion:105 Resp: 1129165

Ion Ratio Lower Upper

105 100

120 25.1 20.9 31.3

77 16.7 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 19.488 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

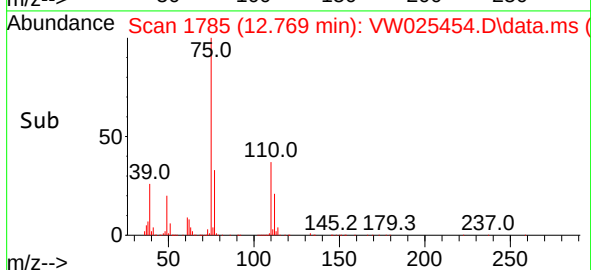
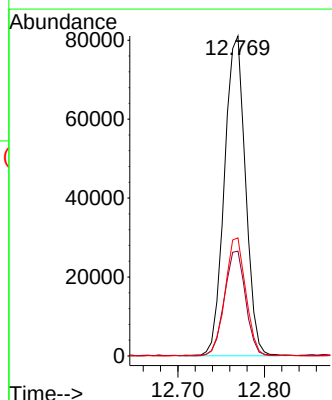
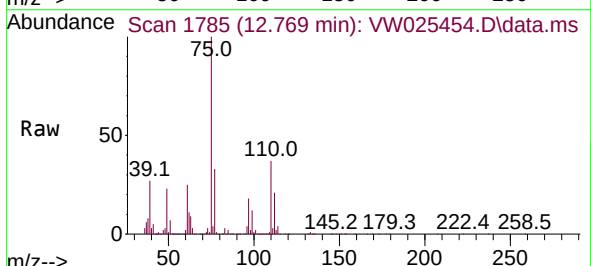
Tgt Ion: 75 Resp: 136791

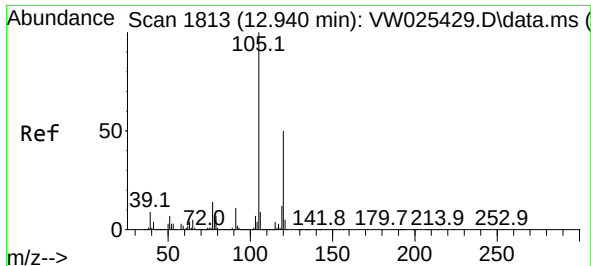
Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.2

110 36.4 28.9 43.3





#62

1,3,5-Trimethylbenzene

Concen: 23.999 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

Instrument :

MSVOA_W

ClientSampleId :

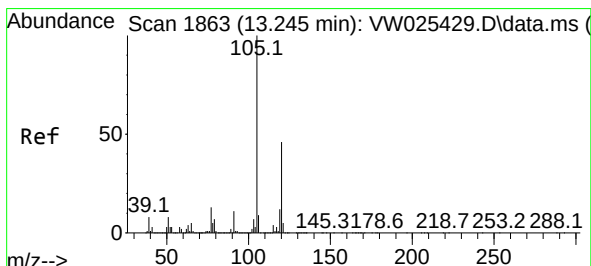
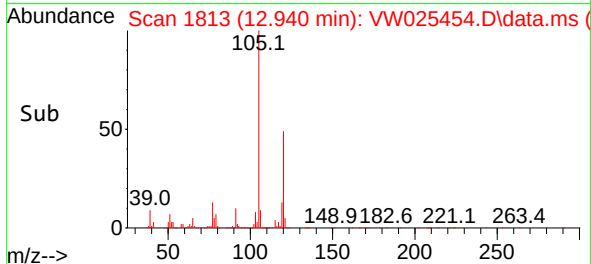
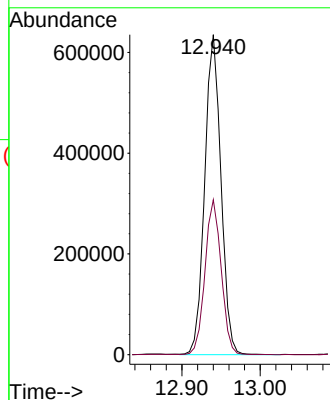
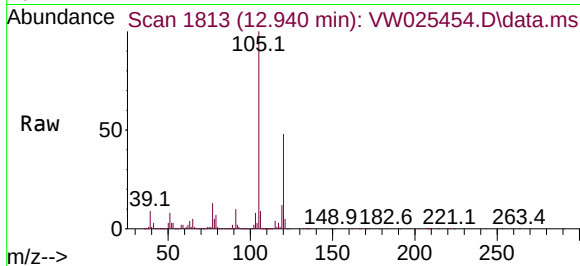
VSTD025554

Tgt Ion:105 Resp: 912839

Ion Ratio Lower Upper

105 100

120 48.4 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 23.746 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW025454.D

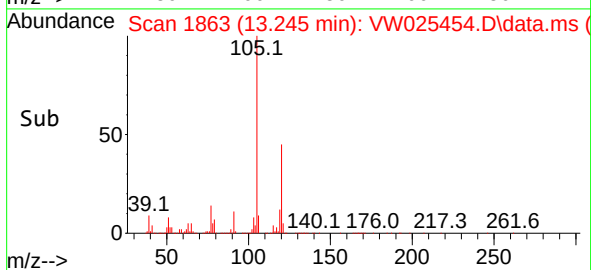
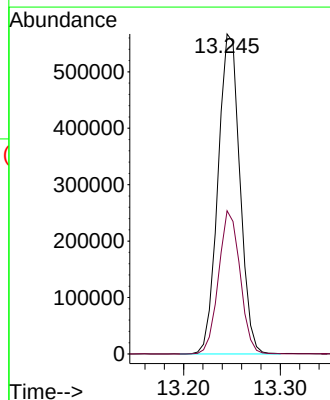
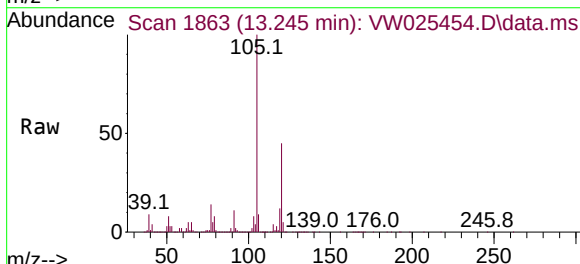
Acq: 21 Mar 2023 08:43

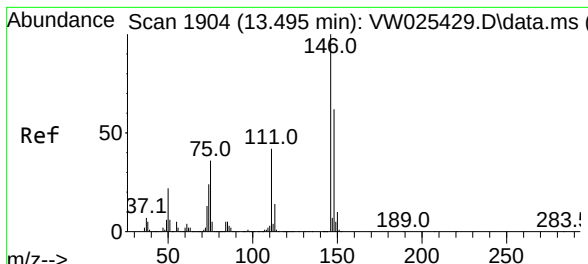
Tgt Ion:105 Resp: 889767

Ion Ratio Lower Upper

105 100

120 43.8 36.0 54.0

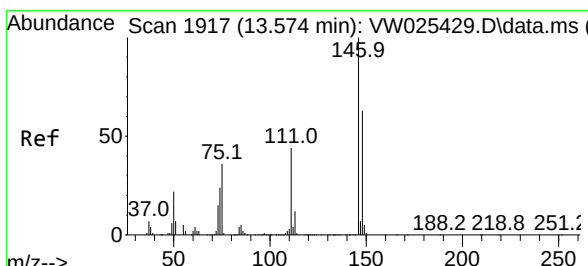
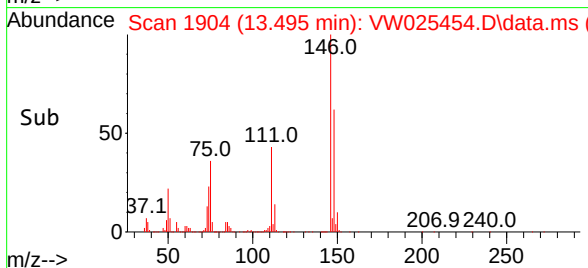
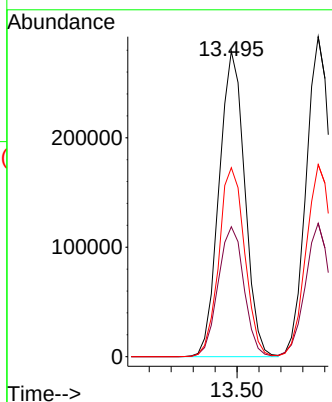
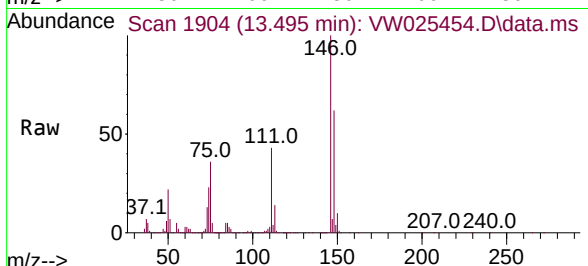




#64
 1,3-Dichlorobenzene
 Concen: 22.278 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW025454.D
 Acq: 21 Mar 2023 08:43

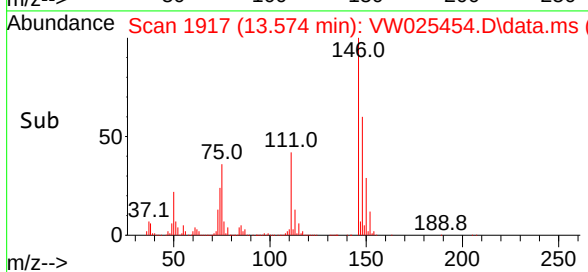
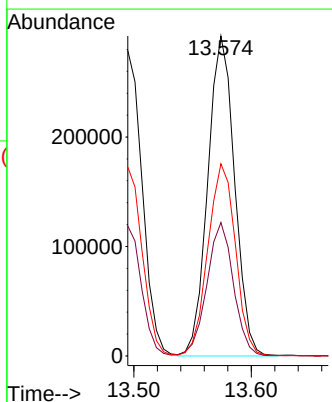
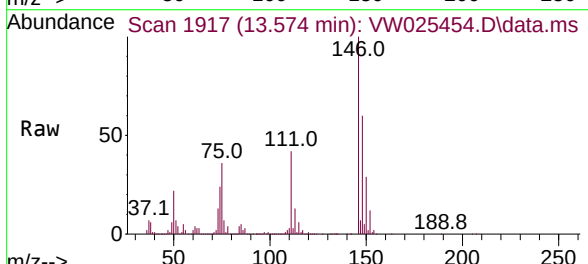
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025554

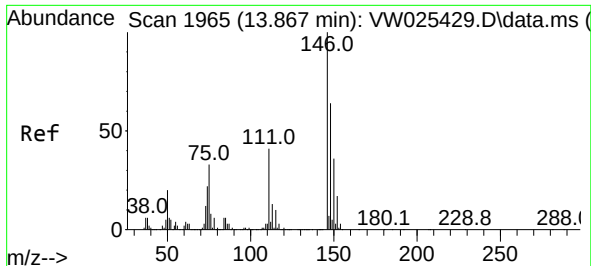
Tgt Ion:	146	Resp:	453357
Ion	Ratio	Lower	Upper
146	100		
111	42.5	29.7	55.1
148	61.9	44.2	82.2



#65
 1,4-Dichlorobenzene
 Concen: 22.229 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: VW025454.D
 Acq: 21 Mar 2023 08:43

Tgt Ion:	146	Resp:	464020
Ion	Ratio	Lower	Upper
146	100		
111	41.7	28.2	52.4
148	60.1	39.8	73.8





#67

1,2-Dichlorobenzene

Concen: 21.745 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025554

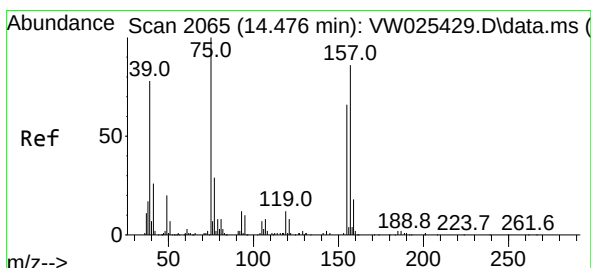
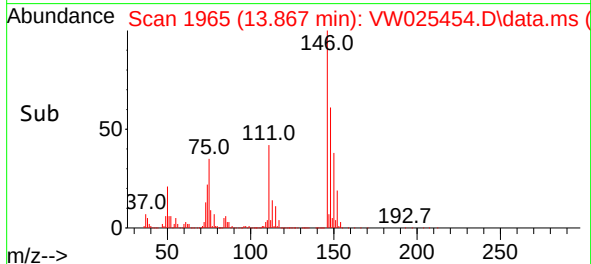
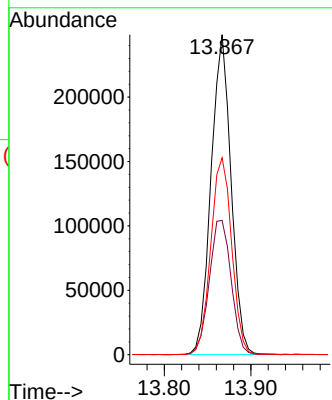
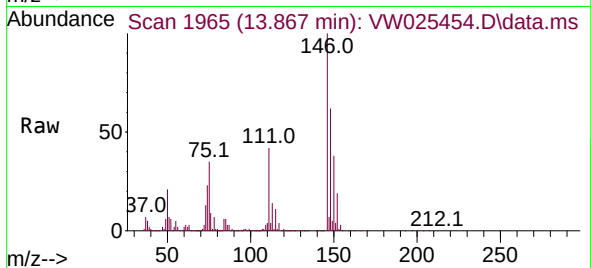
Tgt Ion:146 Resp: 396885

Ion Ratio Lower Upper

146 100

111 41.9 36.6 54.8

148 61.6 53.4 80.2



#68

1,2-Dibromo-3-chloropropane

Concen: 17.344 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

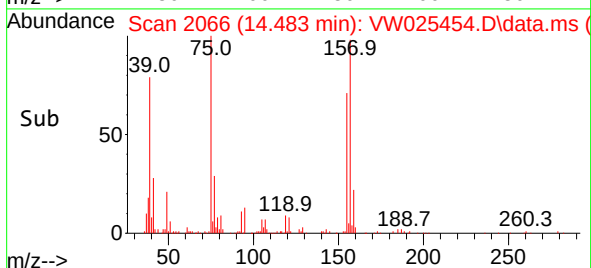
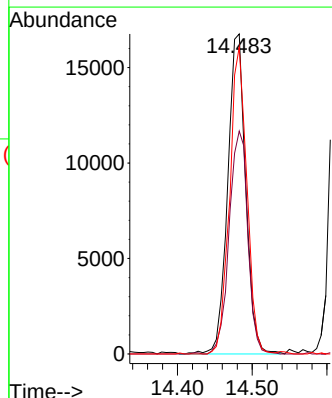
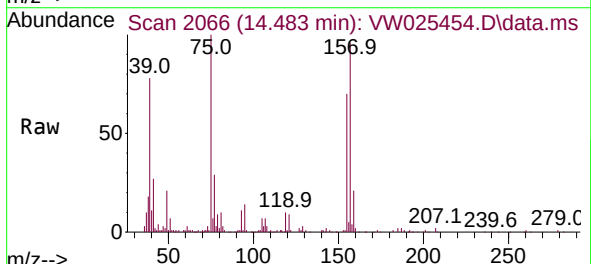
Tgt Ion: 75 Resp: 28183

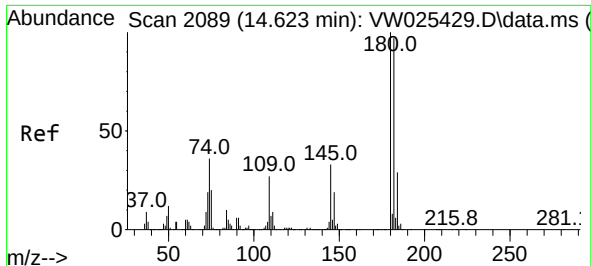
Ion Ratio Lower Upper

75 100

155 69.7 55.4 83.0

157 95.9 75.3 112.9





#69

1,3,5-Trichlorobenzene

Concen: 21.464 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025554

Tgt Ion:180 Resp: 296928

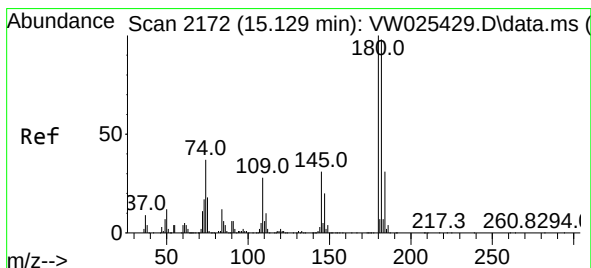
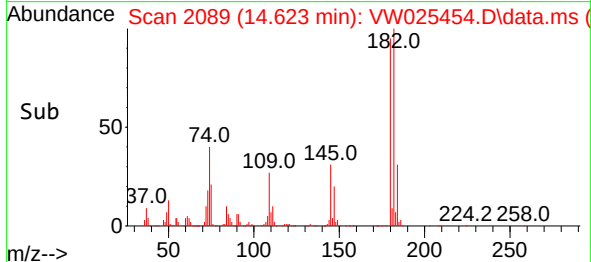
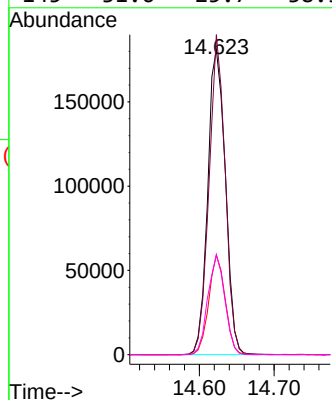
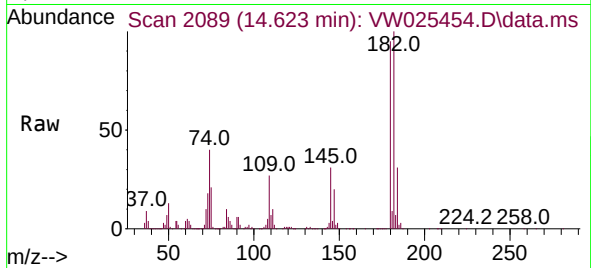
Ion Ratio Lower Upper

180 100

182 95.9 77.1 115.7

184 30.4 24.7 37.1

145 31.6 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 20.859 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

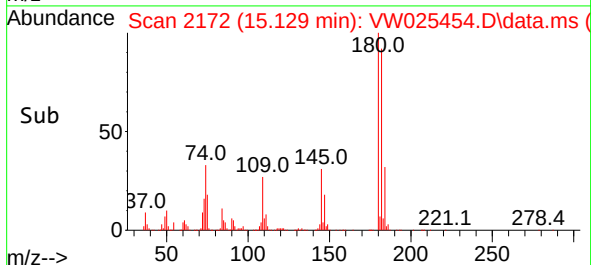
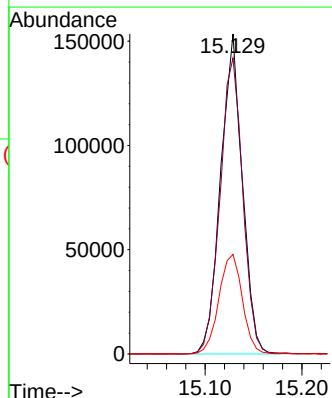
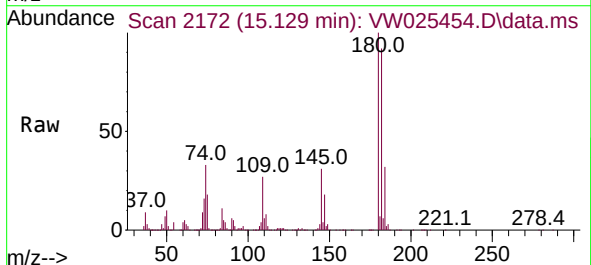
Tgt Ion:180 Resp: 239253

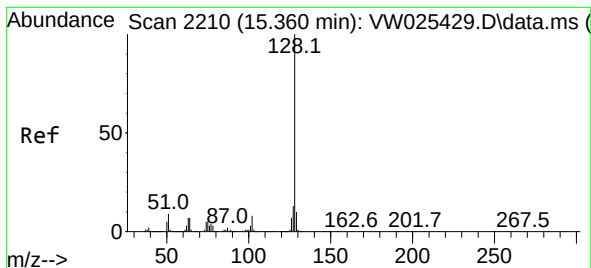
Ion Ratio Lower Upper

180 100

182 96.7 75.5 113.3

145 33.7 25.2 37.8





#71

Naphthalene

Concen: 19.980 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025554

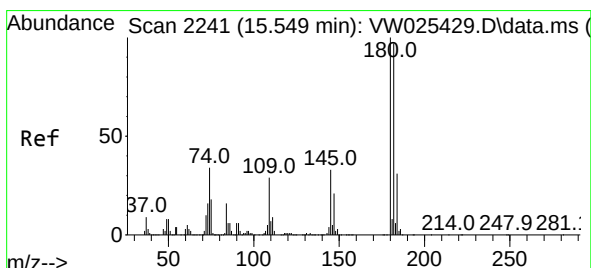
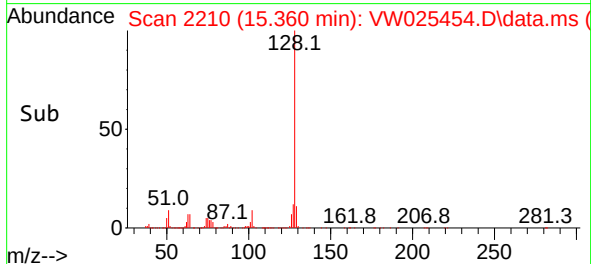
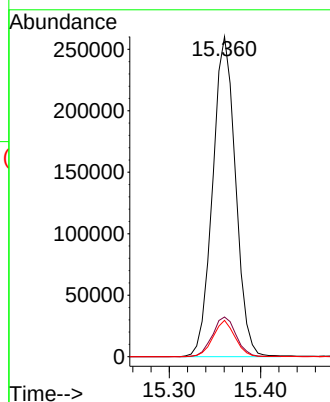
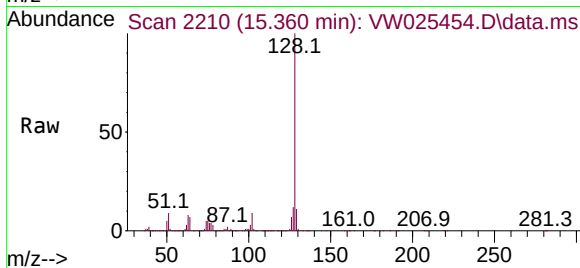
Tgt Ion:128 Resp: 452368

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 20.099 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025454.D

Acq: 21 Mar 2023 08:43

Tgt Ion:180 Resp: 207067

Ion Ratio Lower Upper

180 100

182 97.9 76.6 114.8

145 34.9 27.7 41.5

