

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031623\
 Data File : VW025405.D
 Acq On : 16 Mar 2023 19:42
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025549

Quant Time: Mar 17 01:39:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 17 01:35:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	680433	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	603303	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	306892	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	219711	19.420	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.680%
7) Chloroethane-d5	2.899	69	178865	21.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.880%
11) 1,1-Dichloroethene-d2	4.033	63	471897	21.596	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.400%
21) 2-Butanone-d5	7.075	46	147937	53.272	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.540%
24) Chloroform-d	7.648	84	489791	24.969	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.880%
26) 1,2-Dichloroethane-d4	8.307	65	263363	25.014	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.040%
32) Benzene-d6	8.270	84	994569	24.126	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.520%
36) 1,2-Dichloropropane-d6	9.270	67	315197	24.716	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.880%
41) Toluene-d8	10.319	98	880935	24.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.960%
43) trans-1,3-Dichloroprop...	10.575	79	122603	24.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.560%
47) 2-Hexanone-d5	10.922	63	100521	54.815	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	238140	25.488	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	270806	23.729	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	165442	21.276	ug/L	100
3) Chloromethane	2.222	50	229787	24.846	ug/L	99
5) Vinyl chloride	2.375	62	242228	23.183	ug/L	98
6) Bromomethane	2.789	94	136422	24.490	ug/L	97
8) Chloroethane	2.936	64	147139	24.502	ug/L	98
9) Trichlorofluoromethane	3.265	101	170946	18.902	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	203954	23.255	ug/L	98
12) 1,1-Dichloroethene	4.051	96	199126	23.468	ug/L	86
13) Acetone	4.118	43	98635	36.948	ug/L	97
14) Carbon disulfide	4.393	76	642082	24.338	ug/L	100
15) Methyl Acetate	4.667	43	126363	25.232	ug/L	98
16) Methylene chloride	4.917	84	228916	24.161	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	221756	24.931	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	334842	25.005	ug/L	99
19) 1,1-Dichloroethane	6.216	63	459445	24.943	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	243771	25.031	ug/L #	97
22) 2-Butanone	7.167	43	158850	45.999	ug/L	99
23) Bromochloromethane	7.514	128	102824	24.552	ug/L	88
25) Chloroform	7.679	83	431987	24.948	ug/L	96

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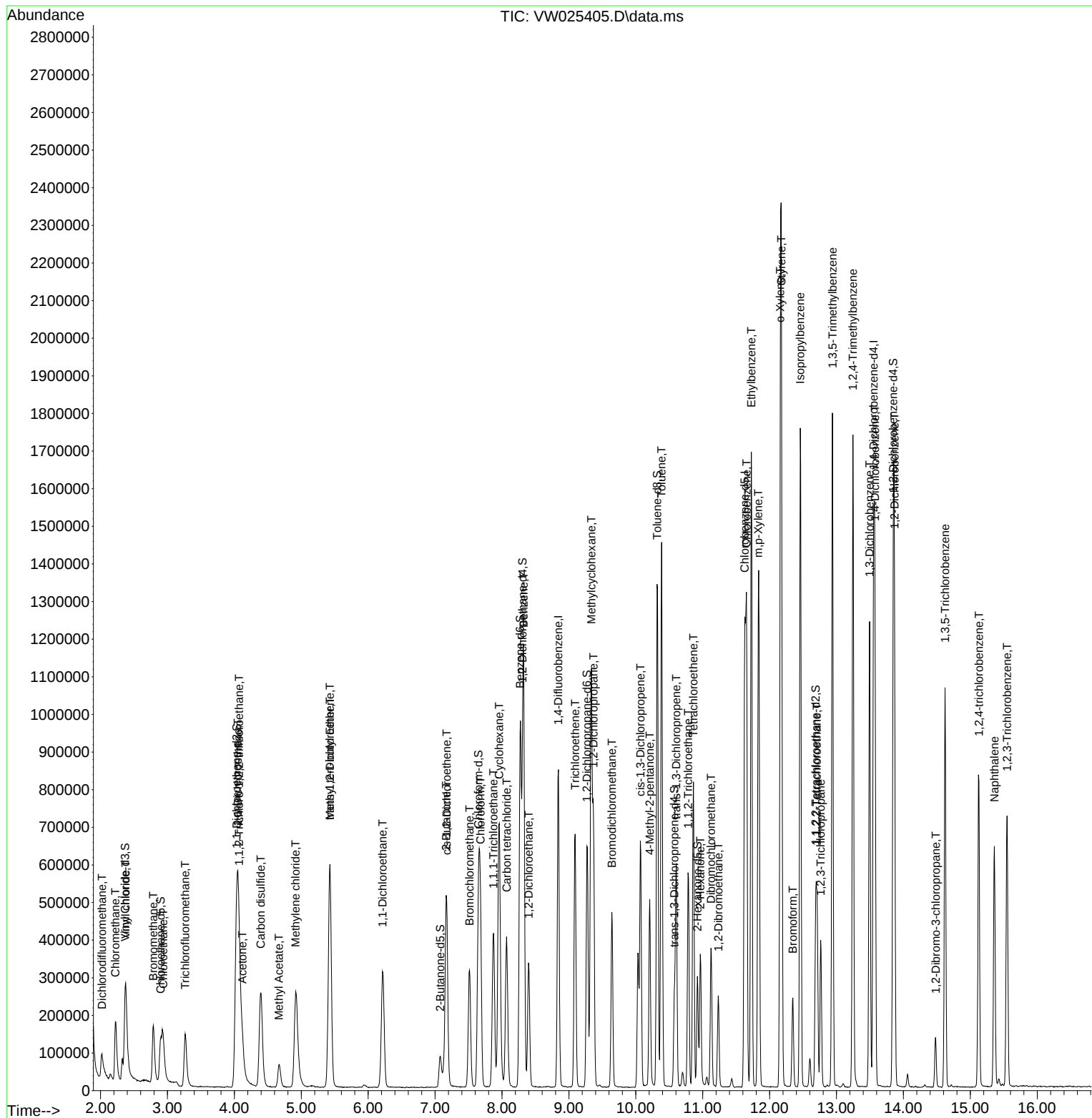
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	299530	25.921	ug/L	98
29) Cyclohexane	7.959	56	420595	24.698	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	333435	23.249	ug/L	99
31) Carbon tetrachloride	8.069	117	297252	23.122	ug/L	98
33) Benzene	8.325	78	977542	25.343	ug/L	100
34) Trichloroethene	9.093	95	241945	23.899	ug/L	95
35) Methylcyclohexane	9.337	83	430019	24.658	ug/L	99
37) 1,2-Dichloropropane	9.368	63	266365	25.087	ug/L	99
38) Bromodichloromethane	9.642	83	302919	24.464	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	380801	24.896	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	340795	53.405	ug/L	100
42) Toluene	10.386	91	1007557	25.299	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	318018	24.827	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	178077	24.975	ug/L	98
46) Tetrachloroethene	10.861	164	168273	23.360	ug/L	89
48) 2-Hexanone	10.965	43	235664	51.330	ug/L	99
49) Dibromochloromethane	11.123	129	189070	24.817	ug/L	100
50) 1,2-Dibromoethane	11.233	107	163674	24.799	ug/L #	99
51) Chlorobenzene	11.654	112	621132	24.574	ug/L	97
52) Ethylbenzene	11.727	91	1121796	24.698	ug/L	99
53) m,p-Xylene	11.830	106	424348	25.330	ug/L	97
54) o-Xylene	12.160	106	403036	25.566	ug/L	99
55) Styrene	12.178	104	706099	26.229	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	221807	25.008	ug/L	99
59) Bromoform	12.349	173	105017	23.718	ug/L	99
60) Isopropylbenzene	12.458	105	1086144	23.741	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	162217	24.261	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	906567	25.021	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	891491	24.976	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	467039	24.092	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	458617	23.064	ug/L	87
67) 1,2-Dichlorobenzene	13.867	146	415389	23.891	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	36058	23.294	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	306946	23.293	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	243375	22.275	ug/L	95
71) Naphthalene	15.360	128	517890	24.013	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	227615	23.194	ug/L	97

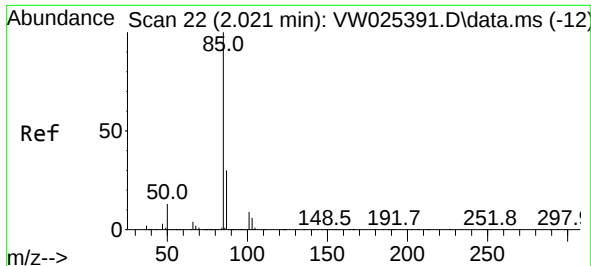
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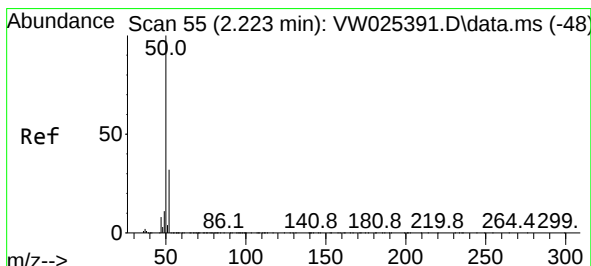
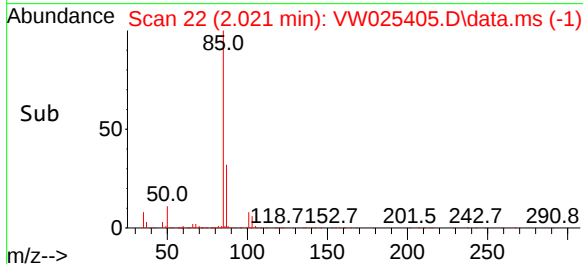
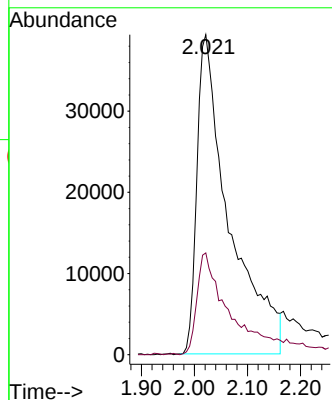
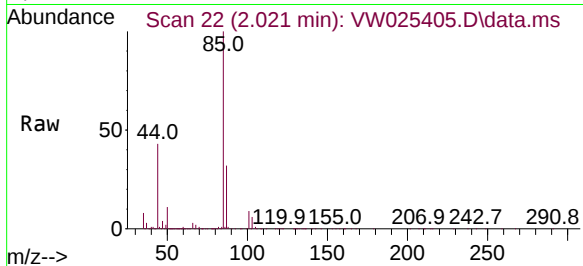




#2
 Dichlorodifluoromethane
 Concen: 21.276 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025405.D
 Acq: 16 Mar 2023 19:42

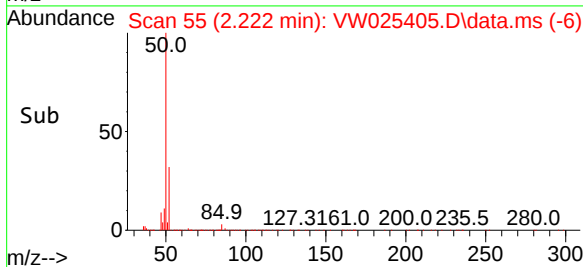
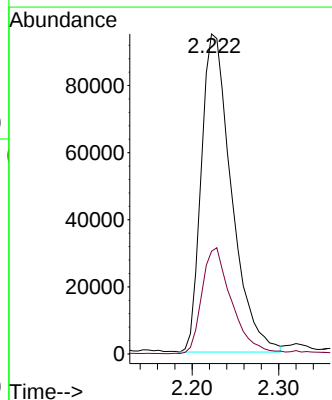
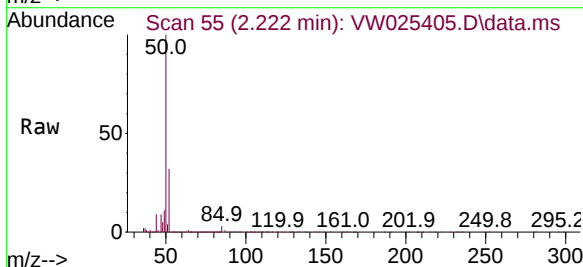
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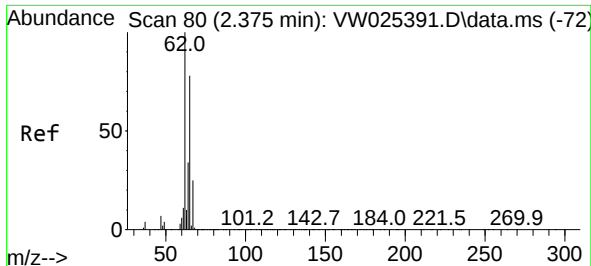
Tgt Ion: 85 Resp: 165442
 Ion Ratio Lower Upper
 85 100
 87 25.4 20.5 30.7



#3
 Chloromethane
 Concen: 24.846 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025405.D
 Acq: 16 Mar 2023 19:42

Tgt Ion: 50 Resp: 229787
 Ion Ratio Lower Upper
 50 100
 52 32.1 21.9 40.7

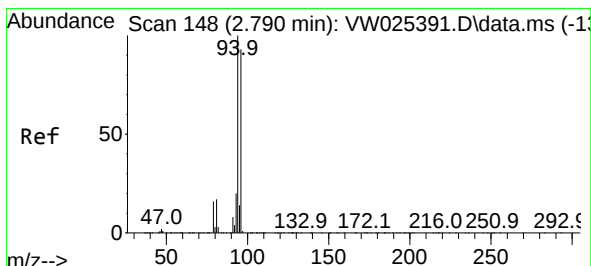
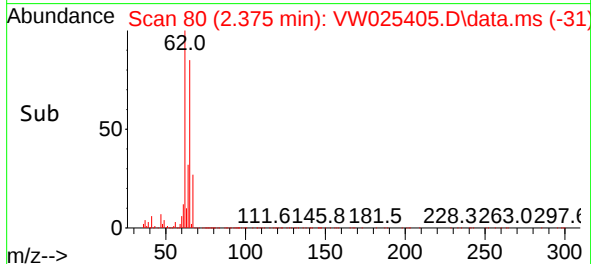
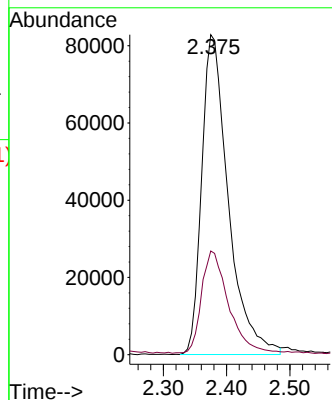
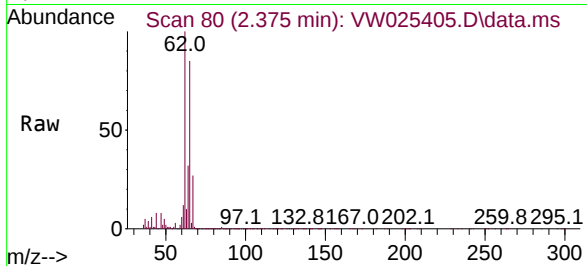




#5
 Vinyl chloride
 Concen: 23.183 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025405.D
 Acq: 16 Mar 2023 19:42

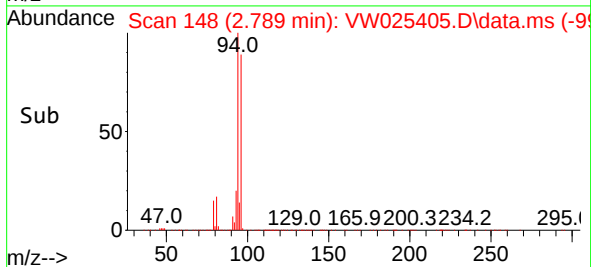
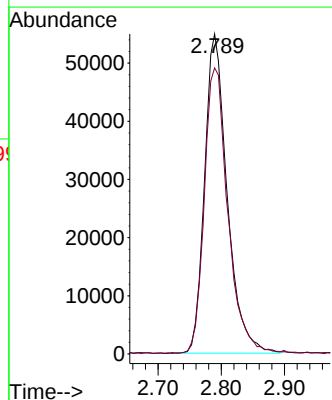
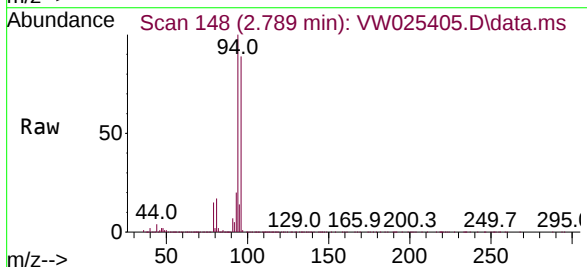
Instrument :
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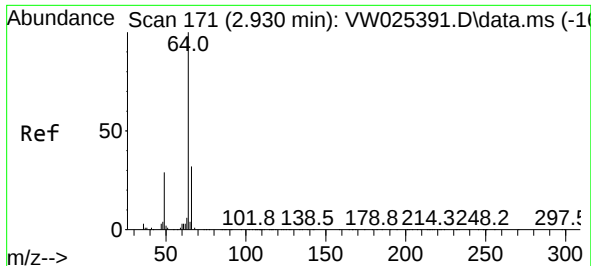
Tgt Ion: 62 Resp: 242228
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.4 43.6



#6
 Bromomethane
 Concen: 24.490 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025405.D
 Acq: 16 Mar 2023 19:42

Tgt Ion: 94 Resp: 136422
 Ion Ratio Lower Upper
 94 100
 96 89.4 64.5 119.9

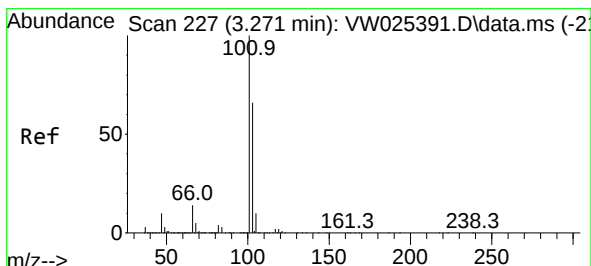
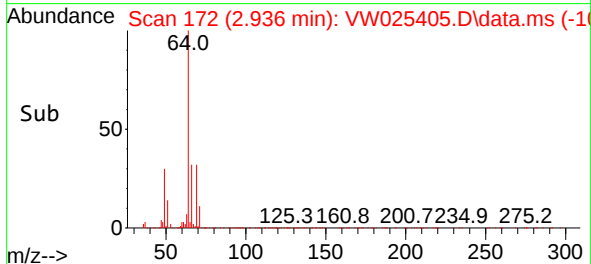
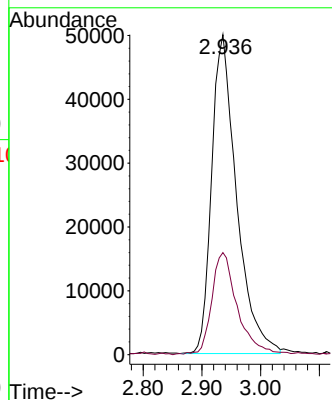
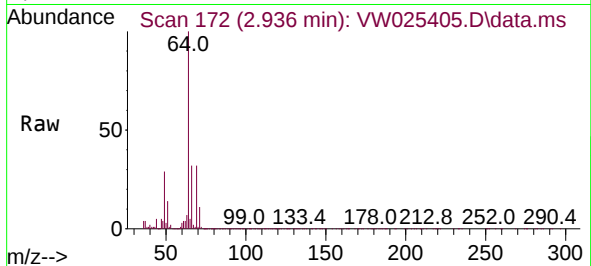




#8
Chloroethane
Concen: 24.502 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

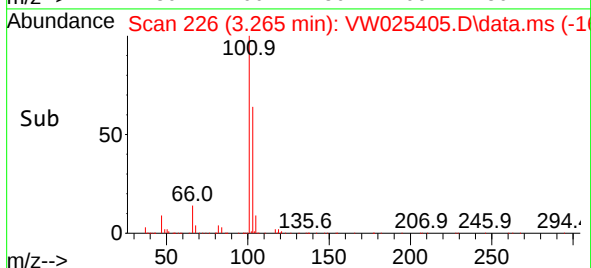
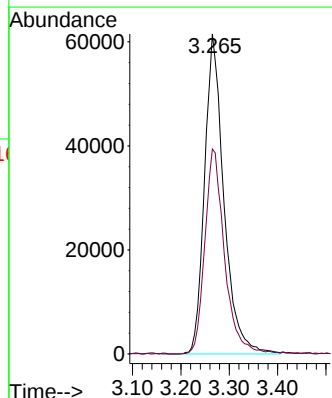
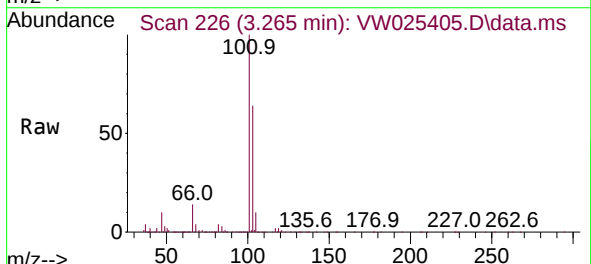
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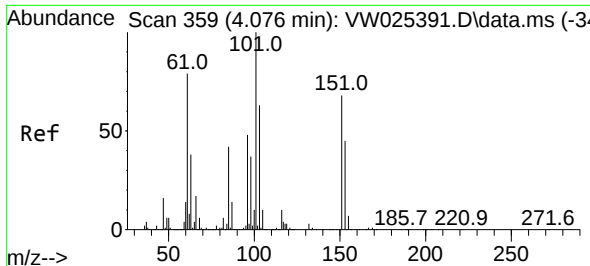
Tgt Ion: 64 Resp: 147139
Ion Ratio Lower Upper
64 100
66 31.9 23.3 43.3



#9
Trichlorofluoromethane
Concen: 18.902 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion: 101 Resp: 170946
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

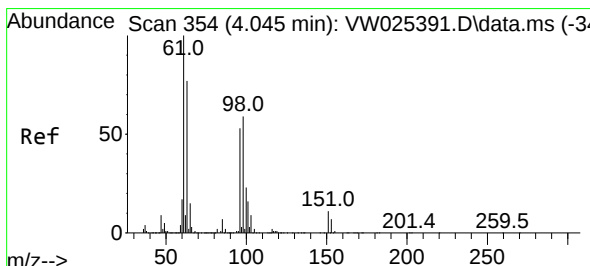
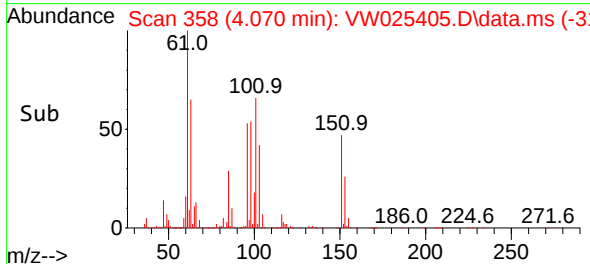
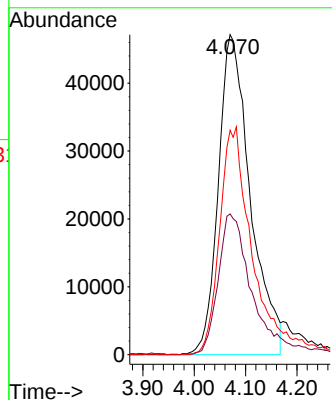
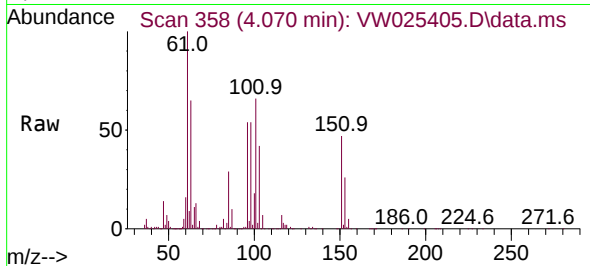




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.255 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW025405.D
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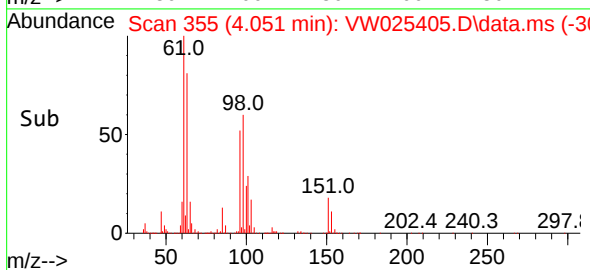
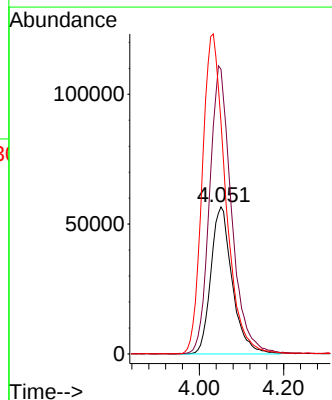
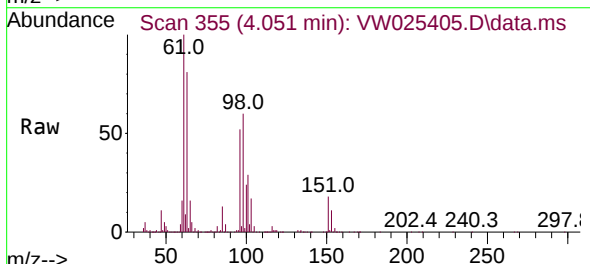
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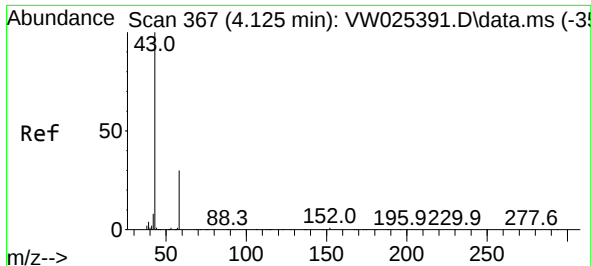
Tgt Ion:101 Resp: 203954
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.8 53.8
 151 70.5 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.468 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW025405.D
 Acq: 16 Mar 2023 19:42

Tgt Ion: 96 Resp: 199126
 Ion Ratio Lower Upper
 96 100
 61 193.6 130.7 242.7
 63 157.6 88.3 164.1

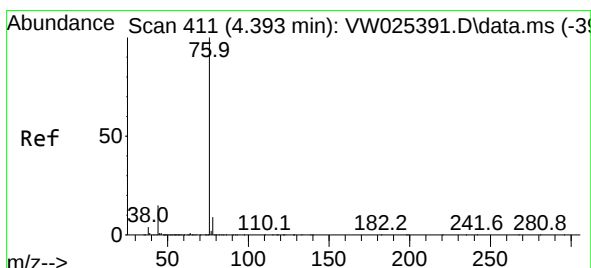
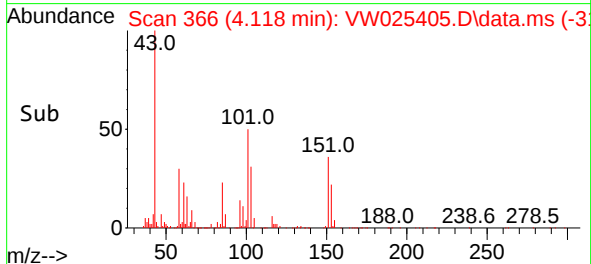
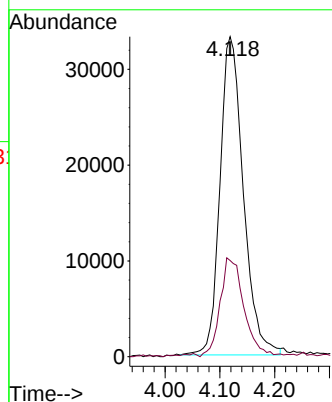
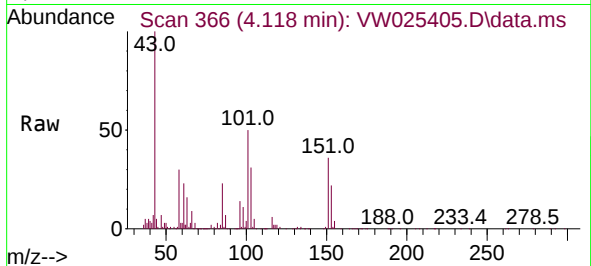




#13
Acetone
Concen: 36.948 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
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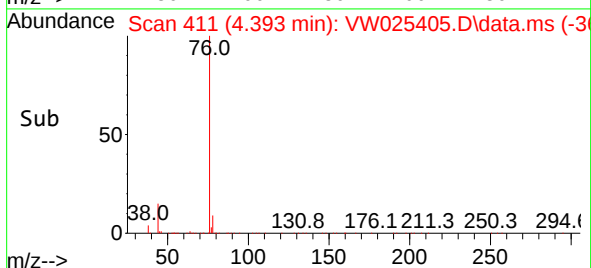
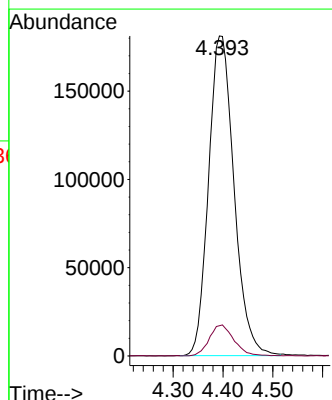
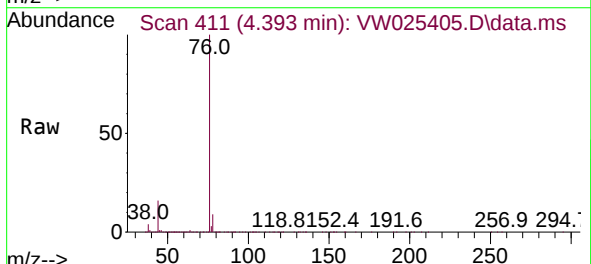
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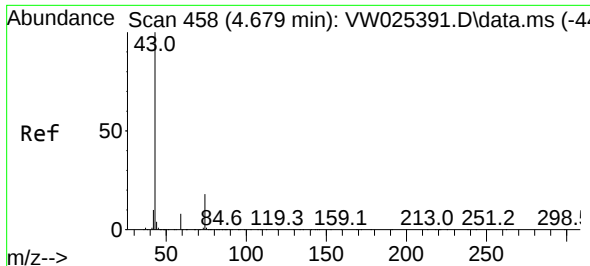
Tgt Ion: 43 Resp: 98635
Ion Ratio Lower Upper
43 100
58 31.4 0.0 60.0



#14
Carbon disulfide
Concen: 24.338 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 642082
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

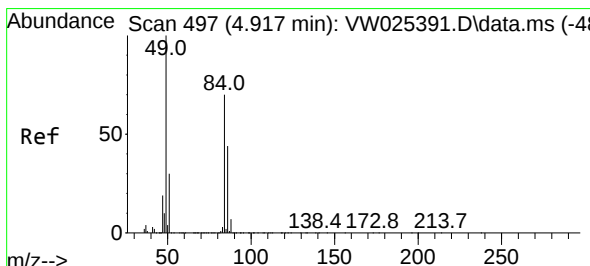
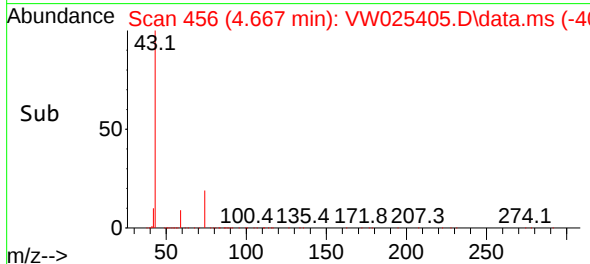
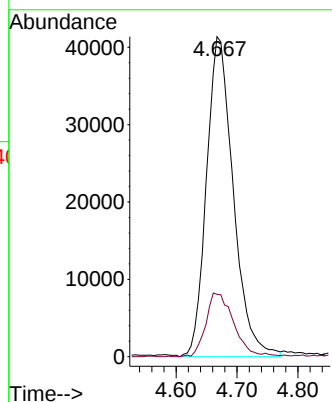
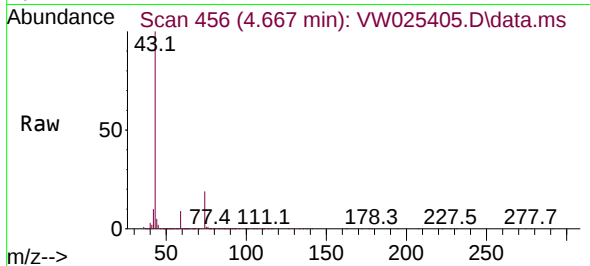




#15
Methyl Acetate
Concen: 25.232 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.012 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

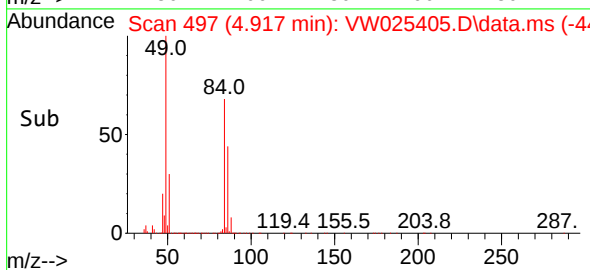
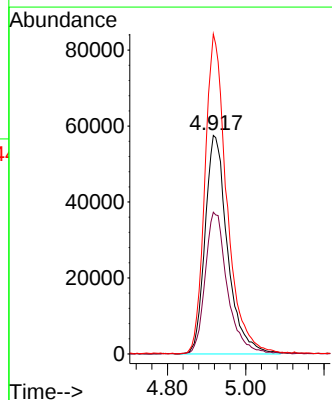
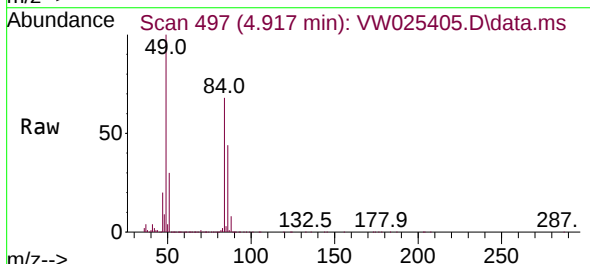
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

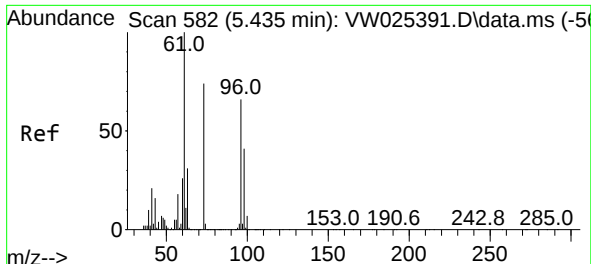
Tgt Ion: 43 Resp: 126363
Ion Ratio Lower Upper
43 100
74 20.1 17.0 25.4



#16
Methylene chloride
Concen: 24.161 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion: 84 Resp: 228916
Ion Ratio Lower Upper
84 100
86 64.9 45.1 83.7
49 146.4 94.7 175.9

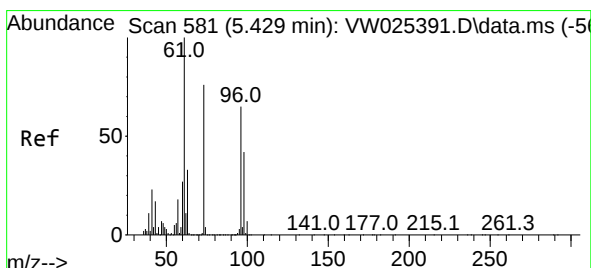
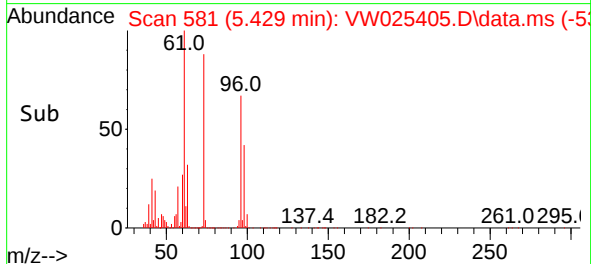
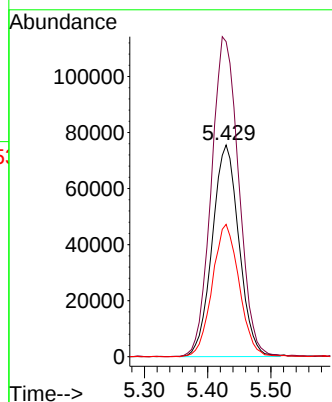
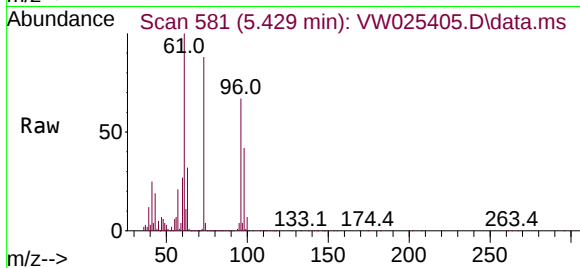




#17
trans-1,2-Dichloroethene
Concen: 24.931 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

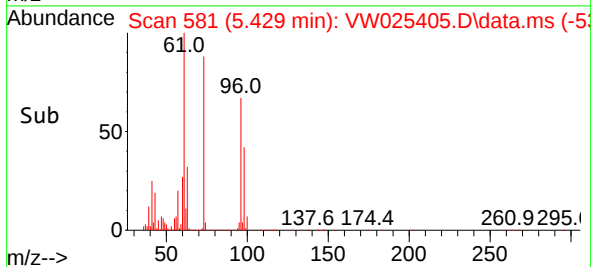
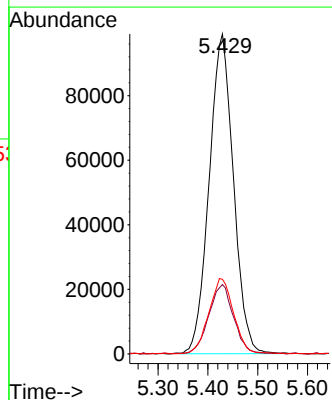
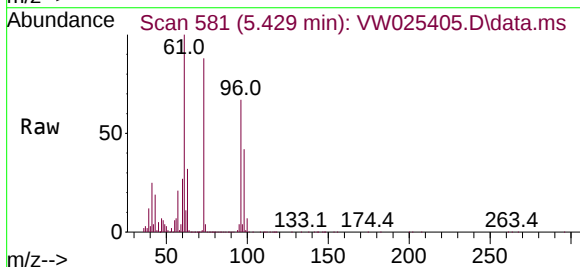
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

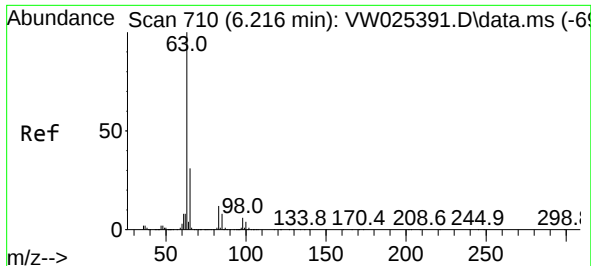
Tgt Ion: 96 Resp: 221756
Ion Ratio Lower Upper
96 100
61 148.8 103.0 191.4
98 62.5 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 25.005 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion: 73 Resp: 334842
Ion Ratio Lower Upper
73 100
43 21.8 17.6 26.4
57 23.9 18.6 28.0





#19

1,1-Dichloroethane

Concen: 24.943 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025405.D

Acq: 16 Mar 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

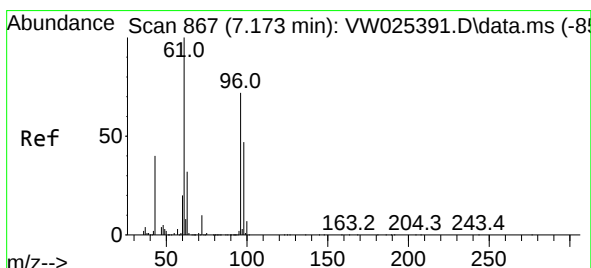
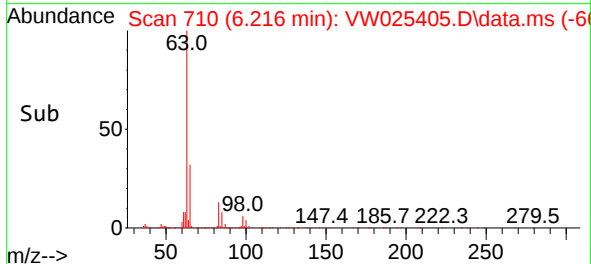
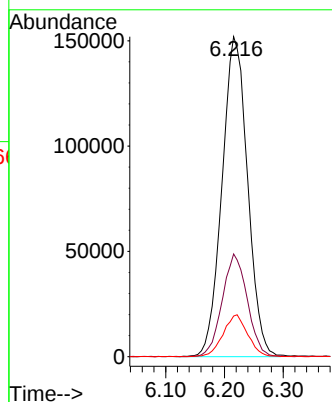
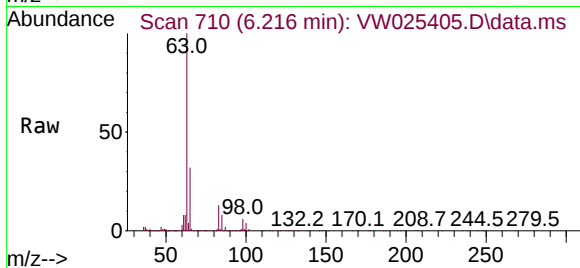
Tgt Ion: 63 Resp: 459445

Ion Ratio Lower Upper

63 100

65 32.1 21.7 40.3

83 12.7 8.4 15.6



#20

cis-1,2-Dichloroethene

Concen: 25.031 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW025405.D

Acq: 16 Mar 2023 19:42

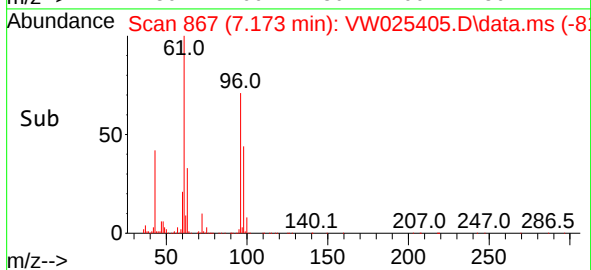
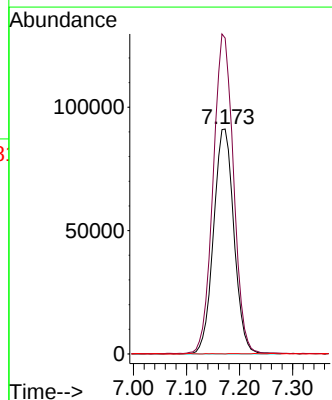
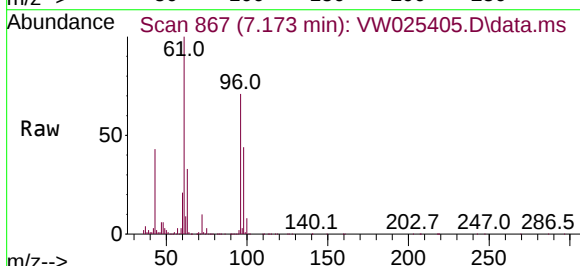
Tgt Ion: 96 Resp: 243771

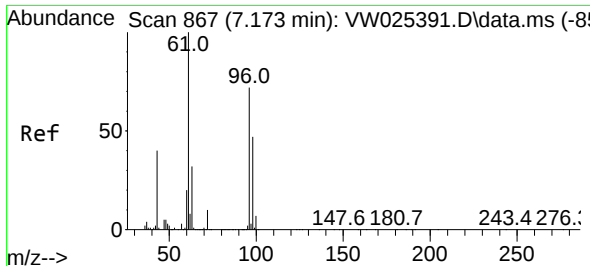
Ion Ratio Lower Upper

96 100

61 140.4 95.5 177.4

68 0.1 0.1 0.1#

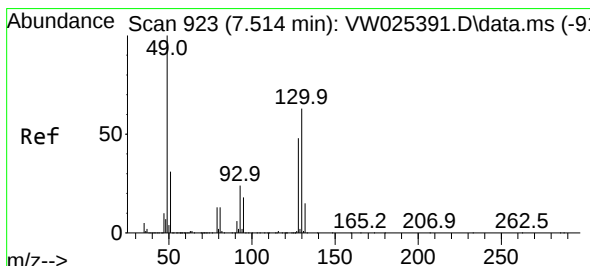
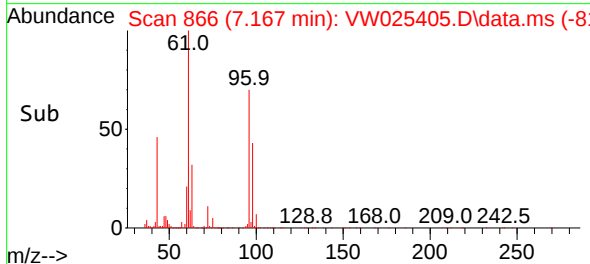
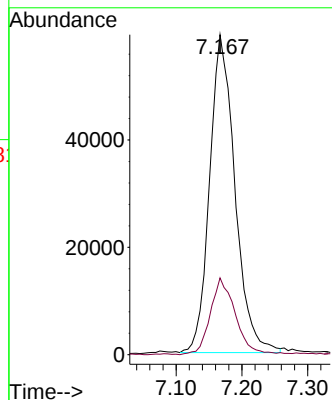
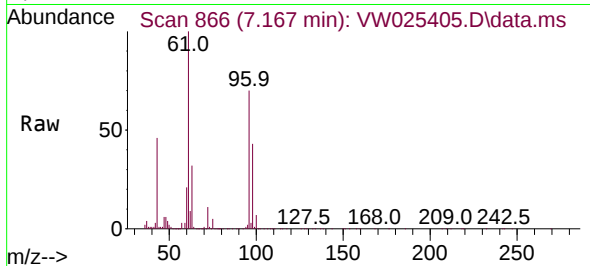




#22
2-Butanone
Concen: 45.999 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

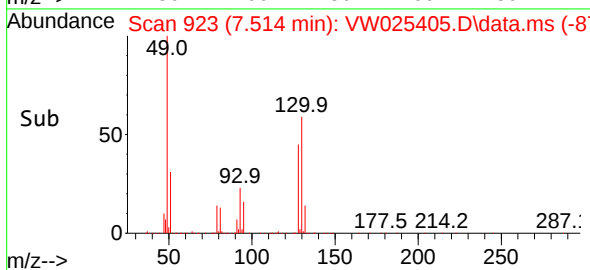
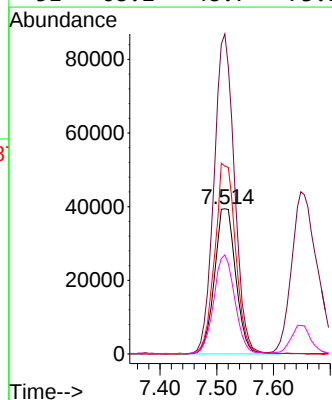
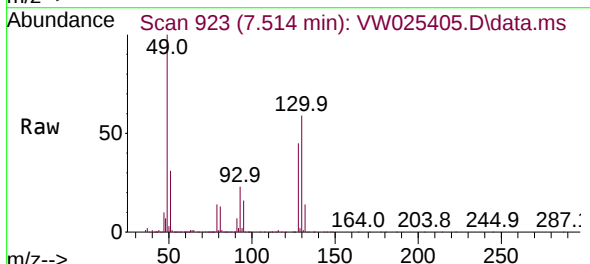
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

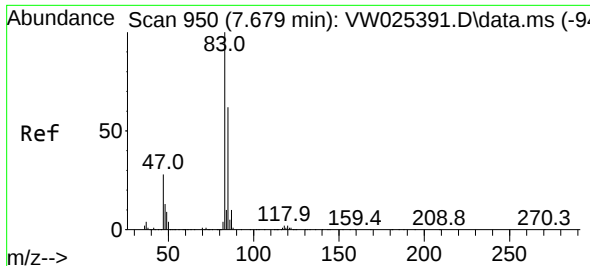
Tgt Ion: 43 Resp: 158850
Ion Ratio Lower Upper
43 100
72 23.7 12.0 36.1



#23
Bromochloromethane
Concen: 24.552 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion: 128 Resp: 102824
Ion Ratio Lower Upper
128 100
49 220.4 140.6 261.0
130 129.4 80.8 150.0
51 68.2 48.7 73.1

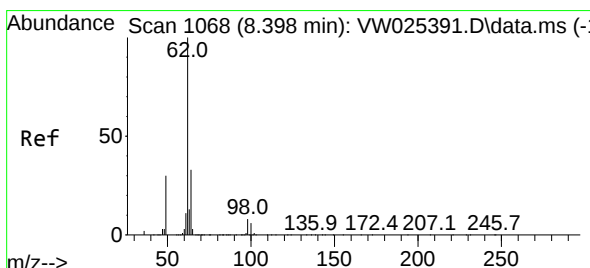
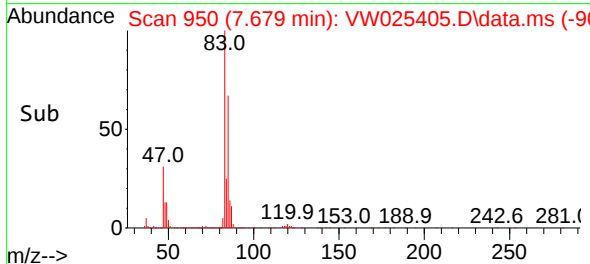
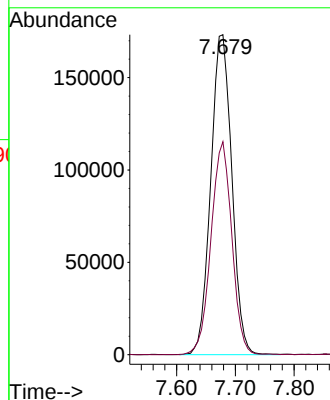
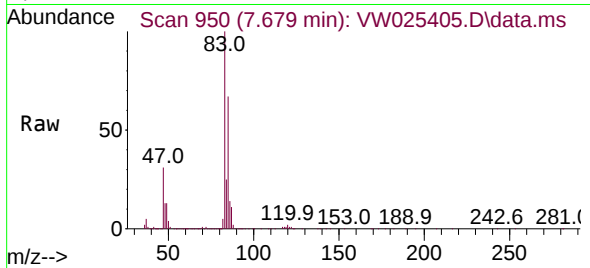




#25
Chloroform
Concen: 24.948 ug/L
RT: 7.679 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

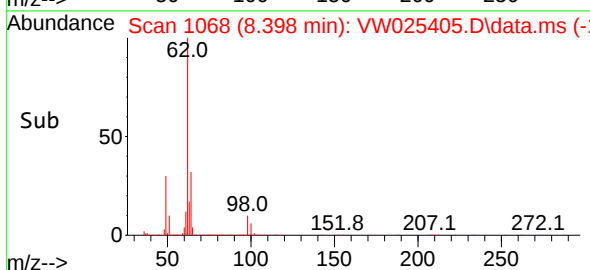
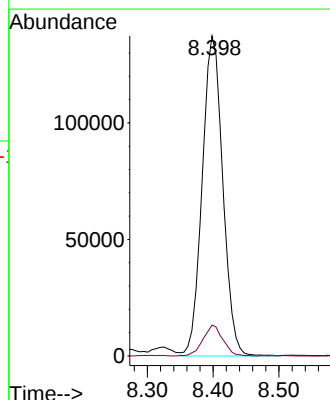
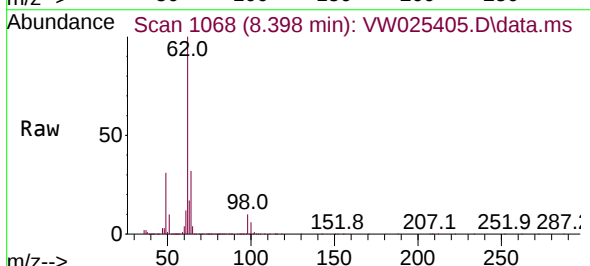
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

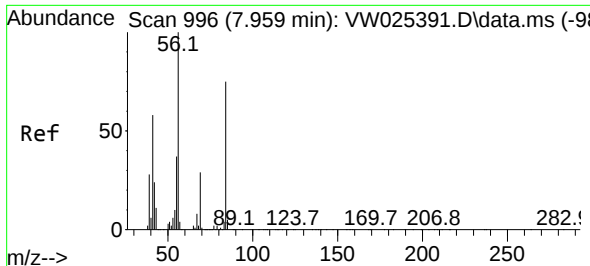
Tgt Ion: 83 Resp: 431987
Ion Ratio Lower Upper
83 100
85 66.6 44.7 82.9



#27
1,2-Dichloroethane
Concen: 25.921 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion: 62 Resp: 299530
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8

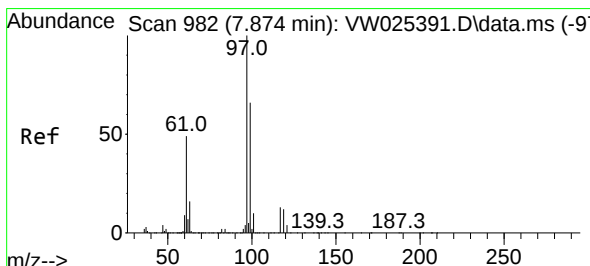
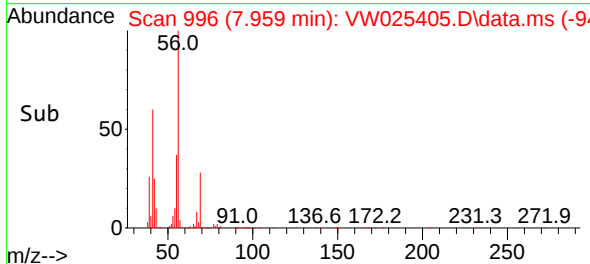
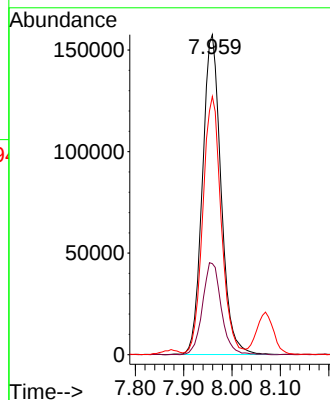
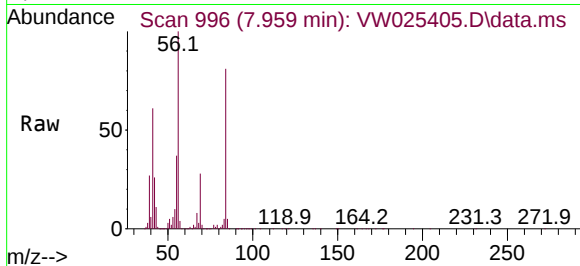




#29
Cyclohexane
Concen: 24.698 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

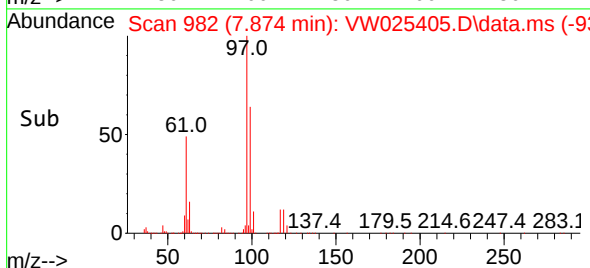
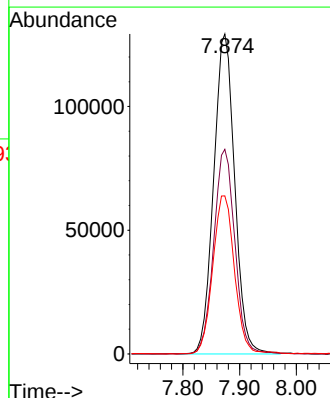
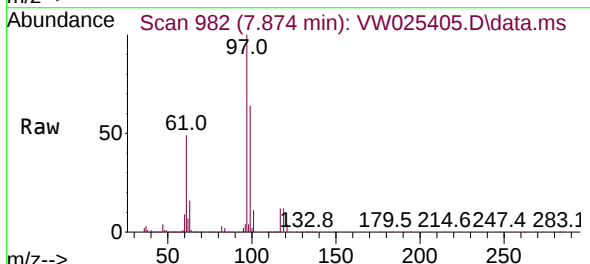
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

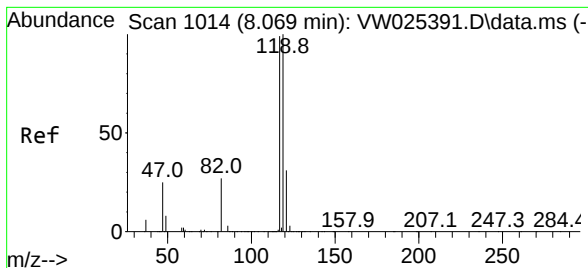
Tgt Ion: 56 Resp: 420595
Ion Ratio Lower Upper
56 100
69 28.7 23.1 34.7
84 80.3 63.9 95.9



#30
1,1,1-Trichloroethane
Concen: 23.249 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion: 97 Resp: 333435
Ion Ratio Lower Upper
97 100
99 64.4 50.9 76.3
61 50.6 39.8 59.6

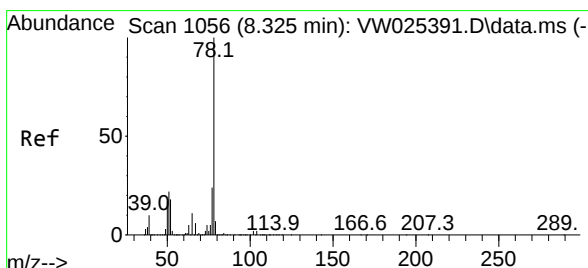
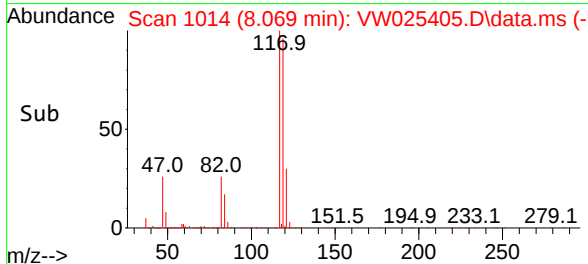
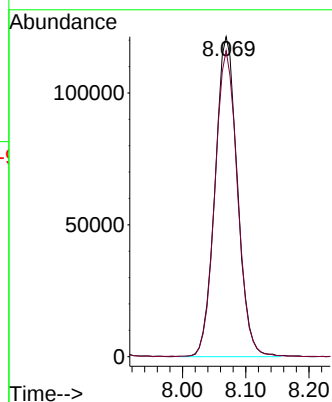
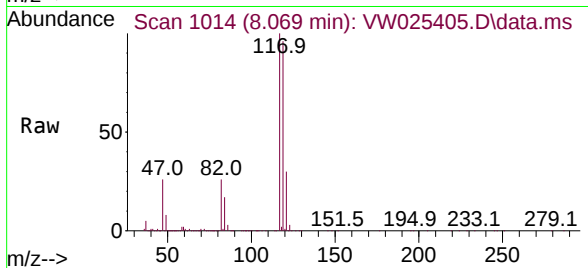




#31
Carbon tetrachloride
Concen: 23.122 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

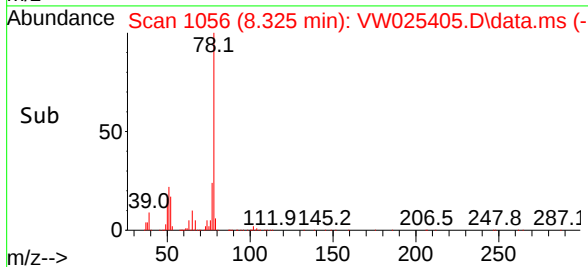
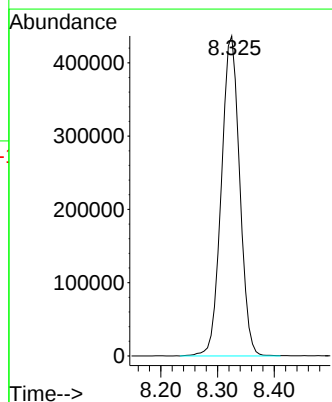
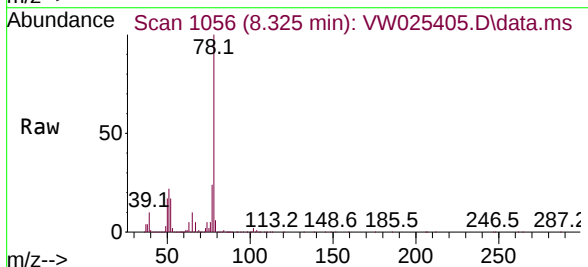
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

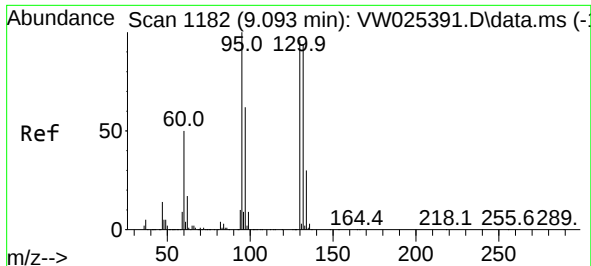
Tgt Ion:117 Resp: 297252
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.6



#33
Benzene
Concen: 25.343 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion: 78 Resp: 977542



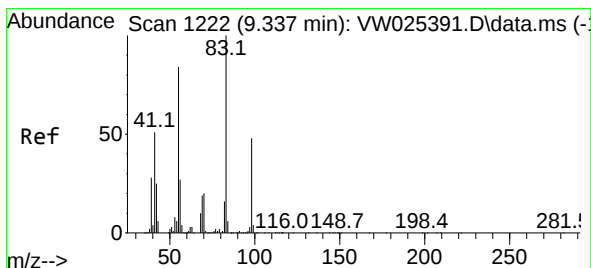
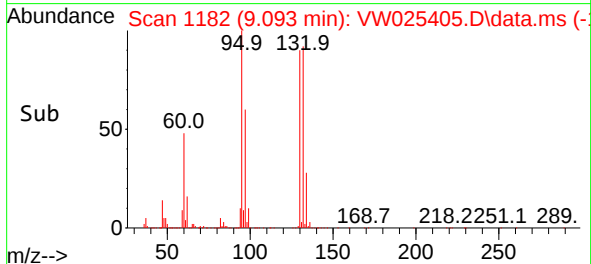
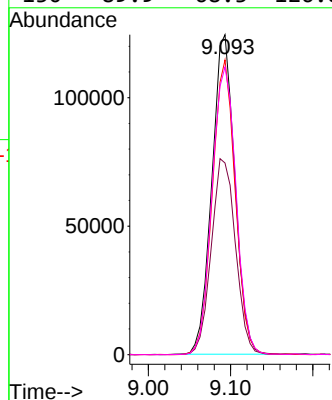
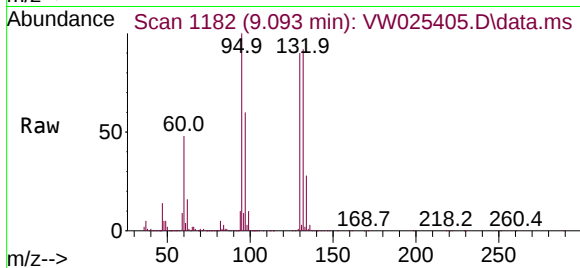


#34
Trichloroethene
Concen: 23.899 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

Tgt Ion: 95 Resp: 241945

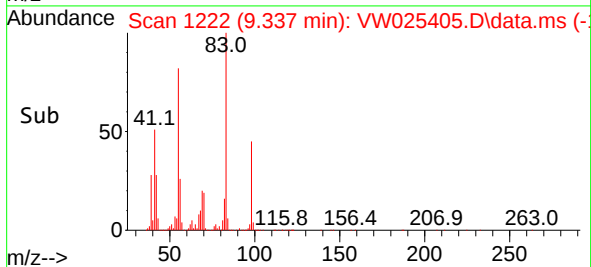
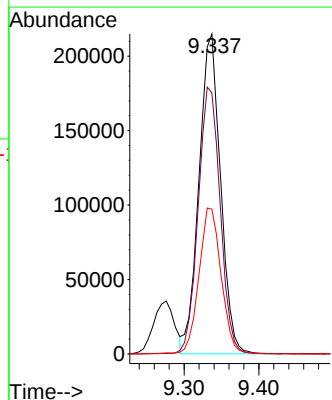
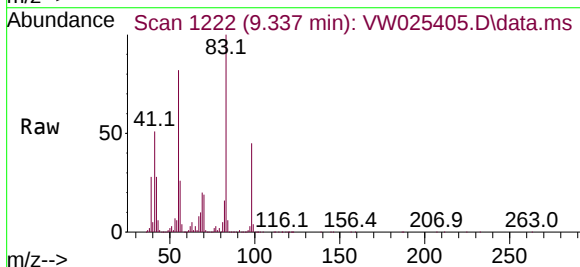
Ion	Ratio	Lower	Upper
95	100		
97	59.9	43.8	81.4
132	92.1	65.9	122.3
130	89.9	68.3	126.8

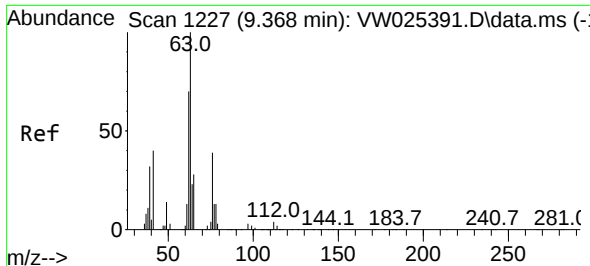


#35
Methylcyclohexane
Concen: 24.658 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion: 83 Resp: 430019

Ion	Ratio	Lower	Upper
83	100		
55	85.1	68.2	102.4
98	46.8	39.0	58.4





#37

1,2-Dichloropropane

Concen: 25.087 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025405.D

Acq: 16 Mar 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

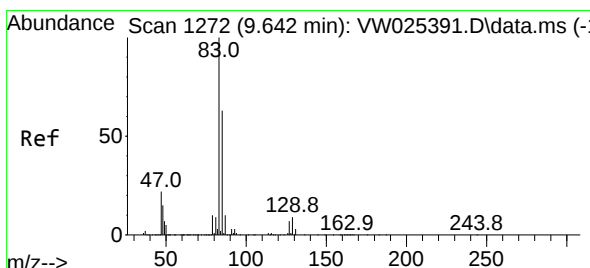
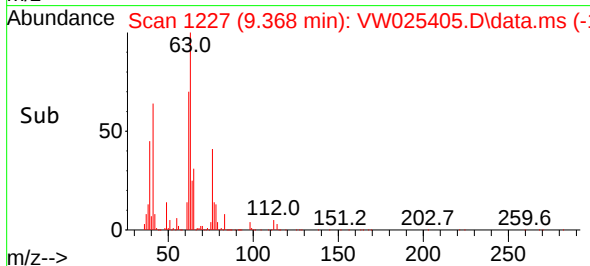
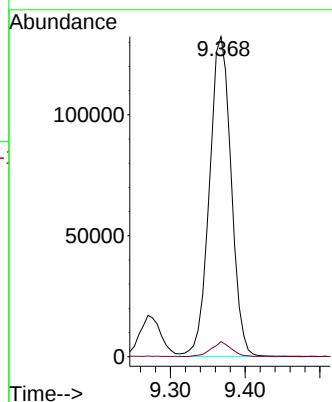
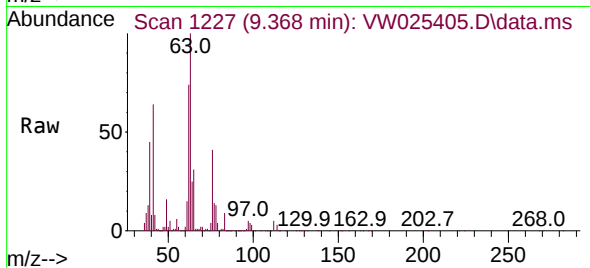
VSTD025549

Tgt Ion: 63 Resp: 266365

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 24.464 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025405.D

Acq: 16 Mar 2023 19:42

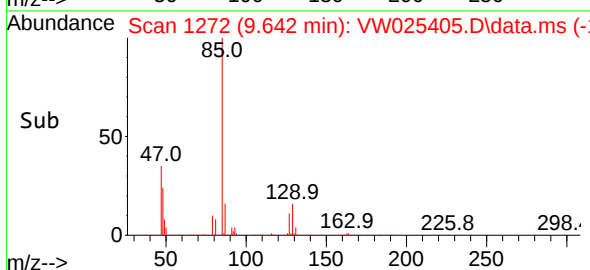
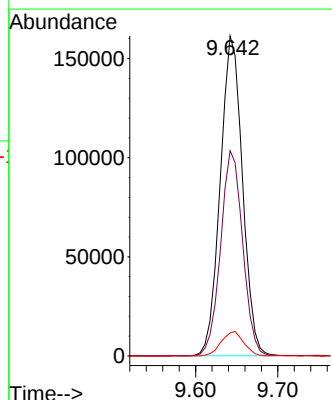
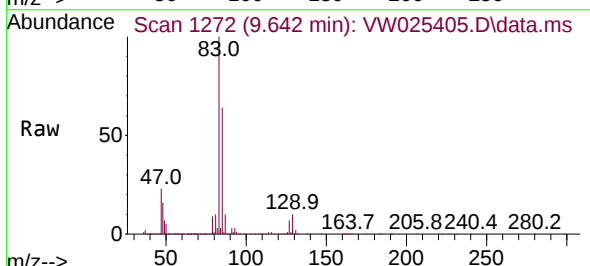
Tgt Ion: 83 Resp: 302919

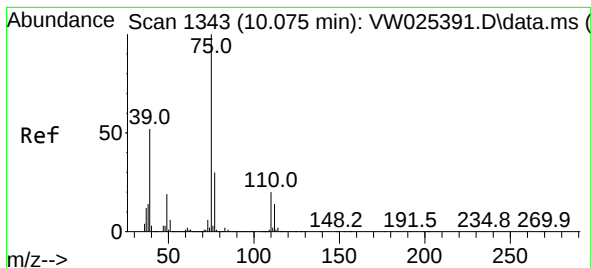
Ion Ratio Lower Upper

83 100

85 64.2 44.7 83.1

127 7.2 6.1 9.1

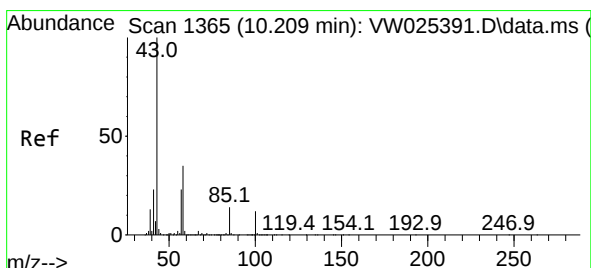
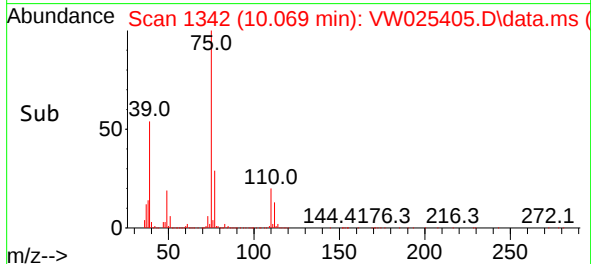
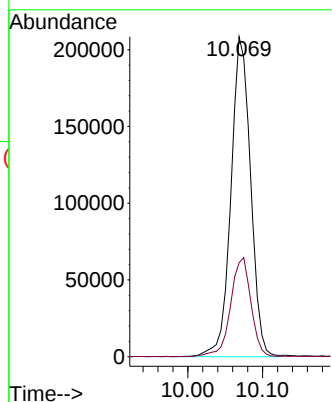
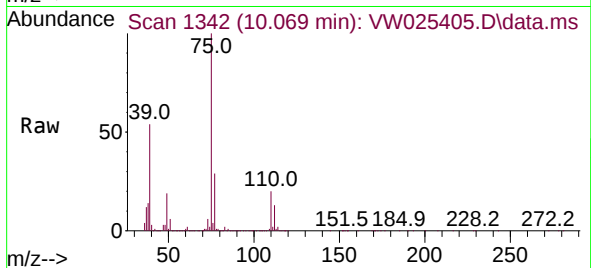




#39
cis-1,3-Dichloropropene
Concen: 24.896 ug/L
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

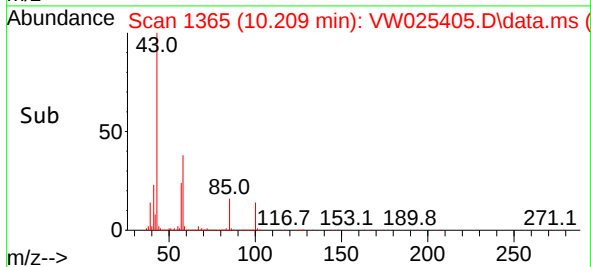
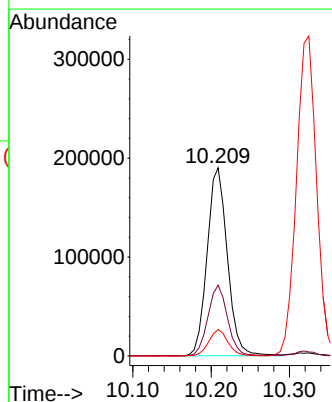
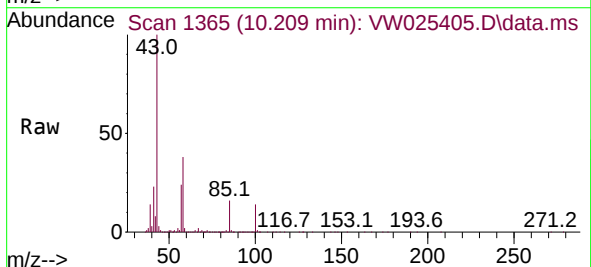
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

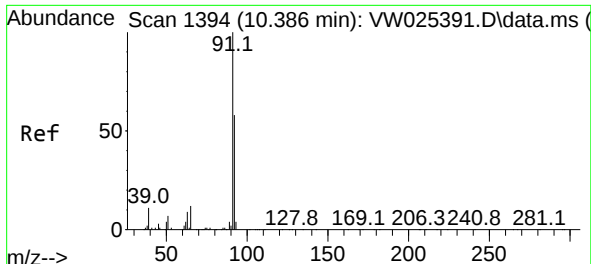
Tgt Ion: 75 Resp: 380801
Ion Ratio Lower Upper
75 100
77 29.4 22.0 41.0



#40
4-Methyl-2-pentanone
Concen: 53.405 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion: 43 Resp: 340795
Ion Ratio Lower Upper
43 100
58 36.7 29.6 44.4
100 13.4 10.6 16.0

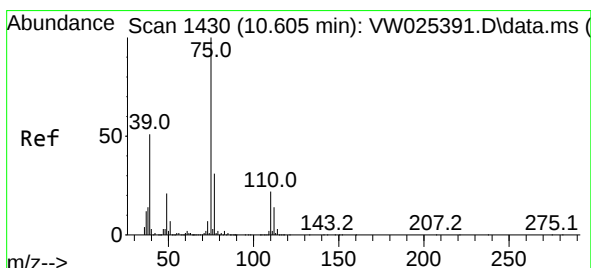
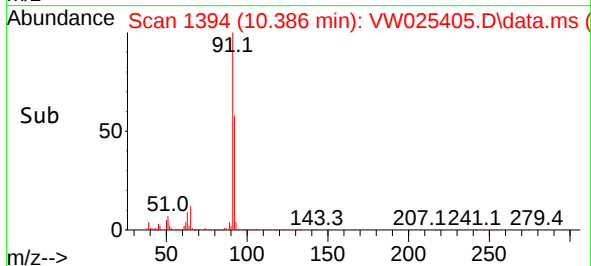
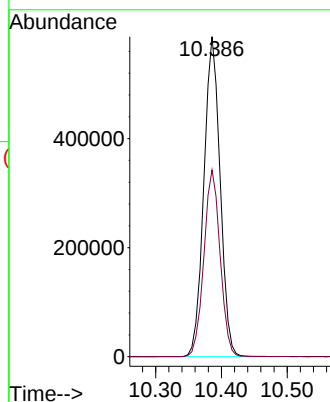
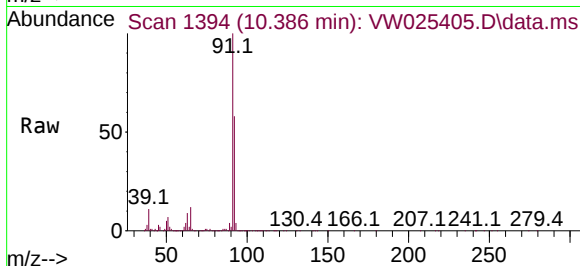




#42
Toluene
Concen: 25.299 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

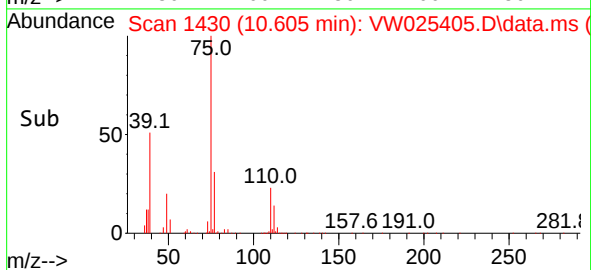
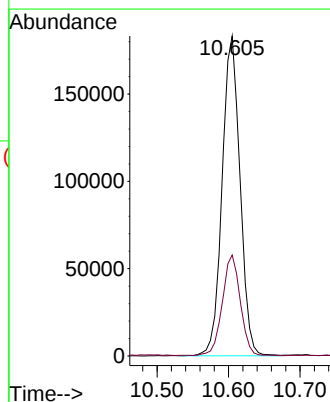
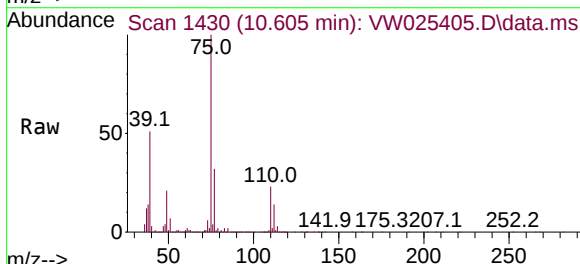
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

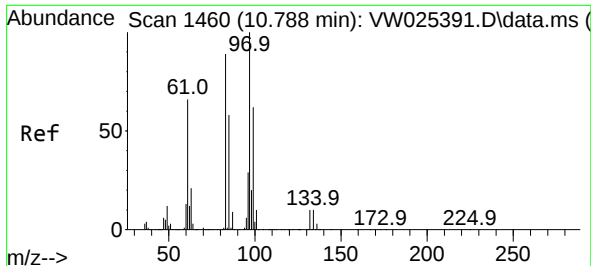
Tgt Ion: 91 Resp: 1007557
Ion Ratio Lower Upper
91 100
92 58.4 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 24.827 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion: 75 Resp: 318018
Ion Ratio Lower Upper
75 100
77 31.6 22.3 41.3



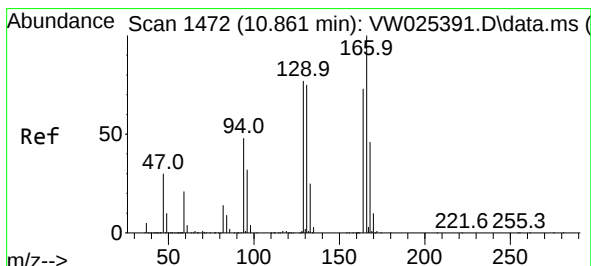
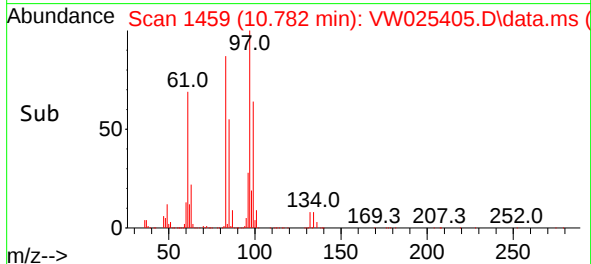
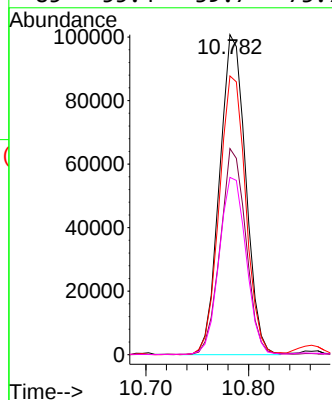
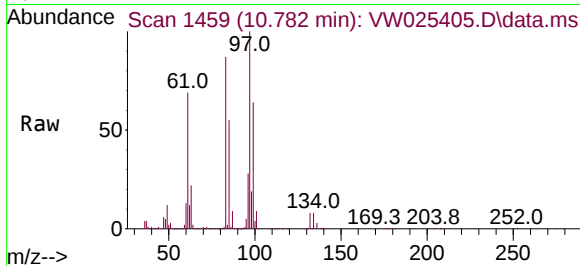


#45
1,1,2-Trichloroethane
Concen: 24.975 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

Tgt Ion: 97 Resp: 178077

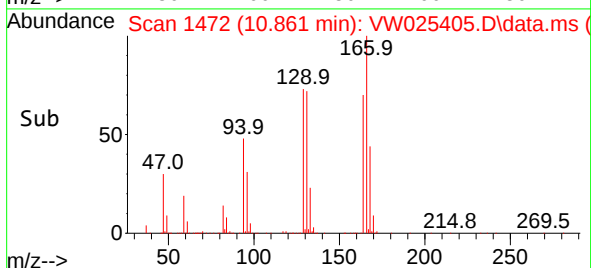
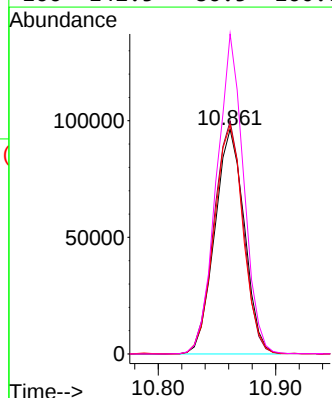
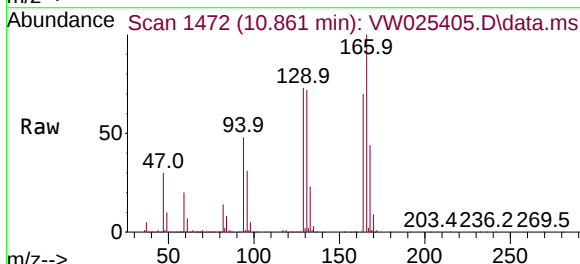
Ion	Ratio	Lower	Upper
97	100		
99	64.4	42.6	79.0
83	87.1	60.5	112.3
85	55.4	39.7	73.7

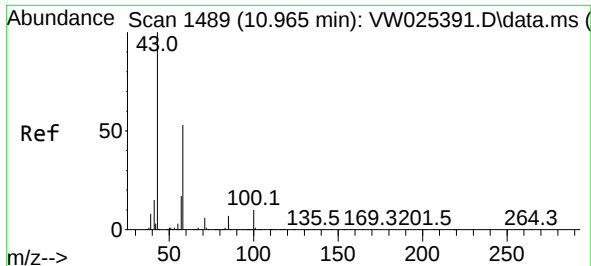


#46
Tetrachloroethene
Concen: 23.360 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion:164 Resp: 168273

Ion	Ratio	Lower	Upper
164	100		
129	103.6	67.7	125.7
131	101.9	67.0	124.4
166	142.5	86.5	160.7

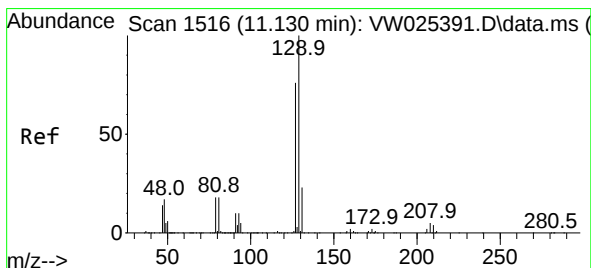
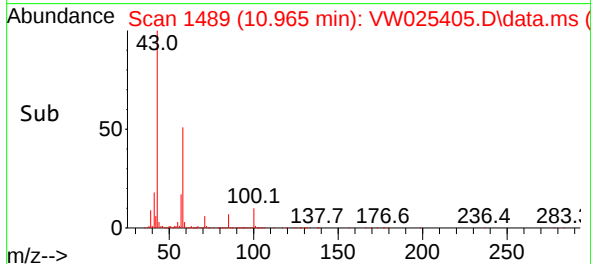
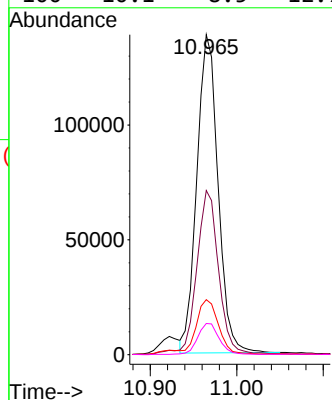
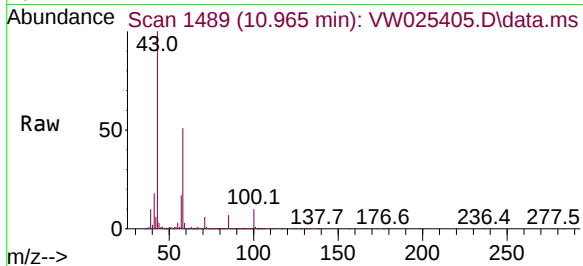




#48
2-Hexanone
Concen: 51.330 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

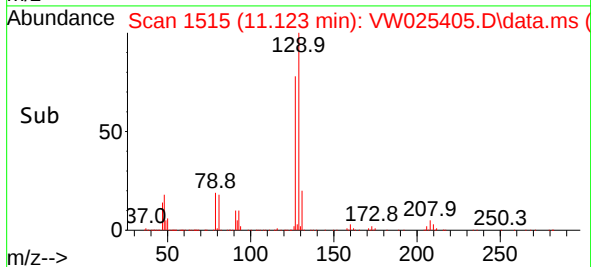
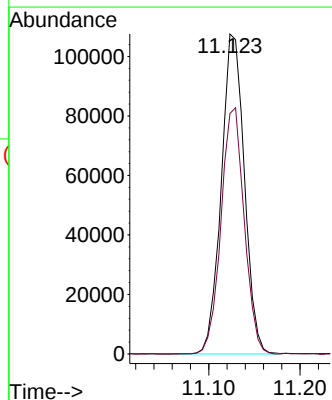
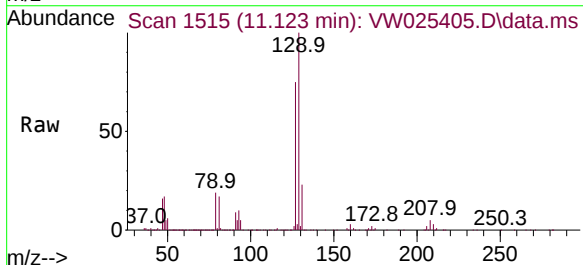
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

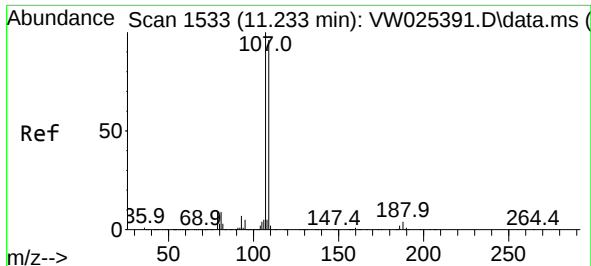
Tgt Ion:	43	Resp:	235664
Ion	Ratio	Lower	Upper
43	100		
58	50.9	41.2	61.8
57	18.1	14.2	21.4
100	10.1	8.5	12.7



#49
Dibromochloromethane
Concen: 24.817 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion:	129	Resp:	189070
Ion	Ratio	Lower	Upper
129	100		
127	75.1	52.8	98.2





#50

1,2-Dibromoethane

Concen: 24.799 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025405.D

Acq: 16 Mar 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

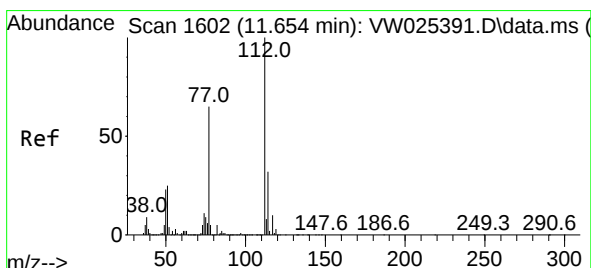
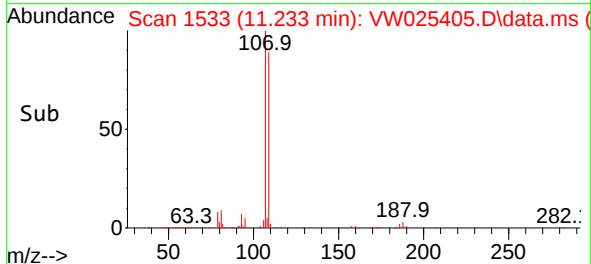
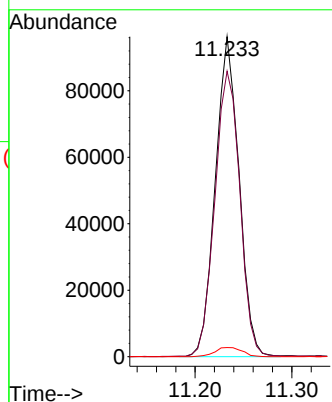
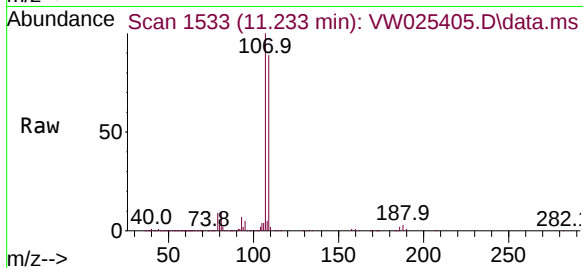
Tgt Ion:107 Resp: 163674

Ion Ratio Lower Upper

107 100

109 89.2 62.9 116.9

188 2.8 3.0 4.4#



#51

Chlorobenzene

Concen: 24.574 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025405.D

Acq: 16 Mar 2023 19:42

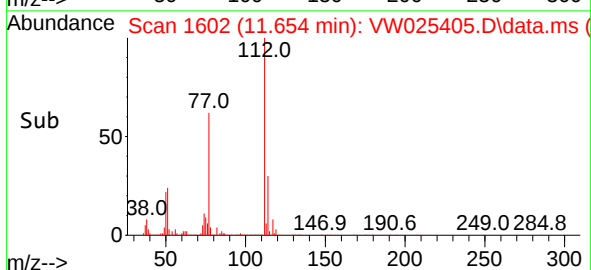
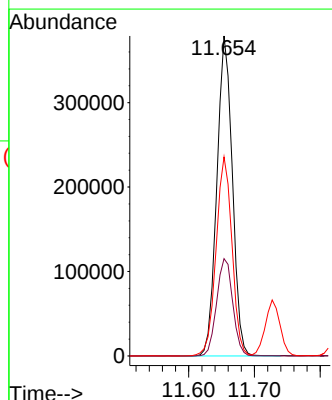
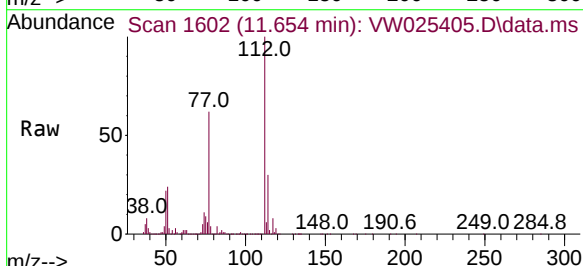
Tgt Ion:112 Resp: 621132

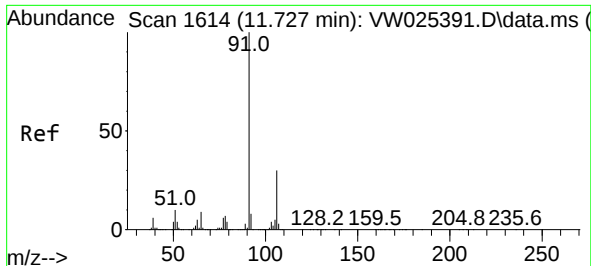
Ion Ratio Lower Upper

112 100

114 30.4 21.9 40.7

77 62.2 51.8 77.8

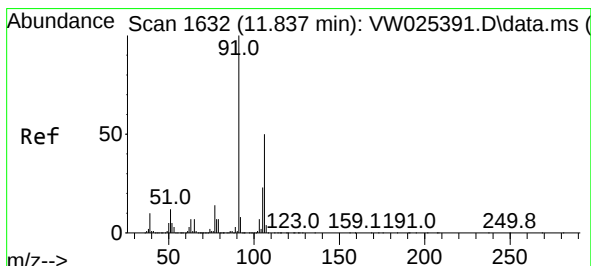
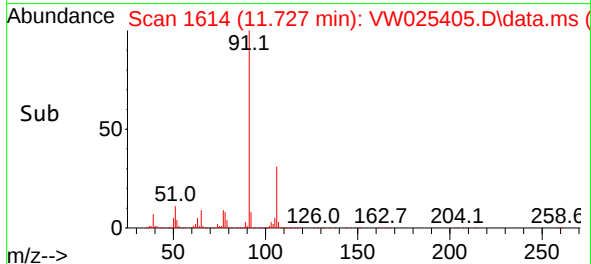
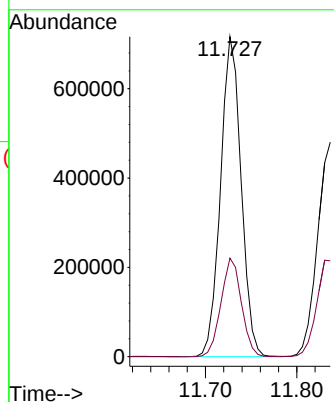
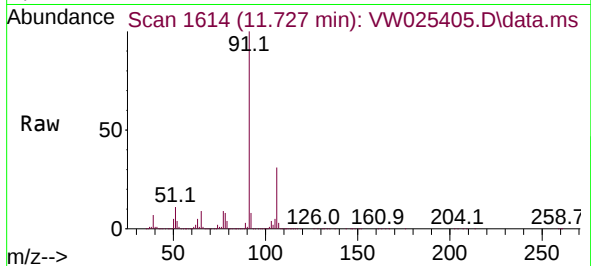




#52
Ethylbenzene
Concen: 24.698 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

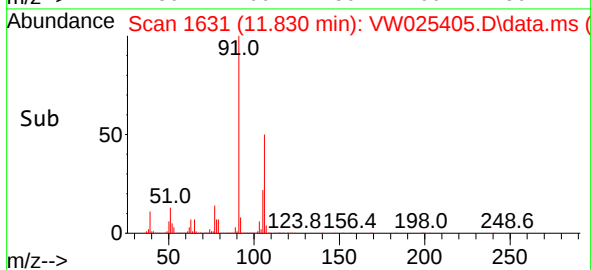
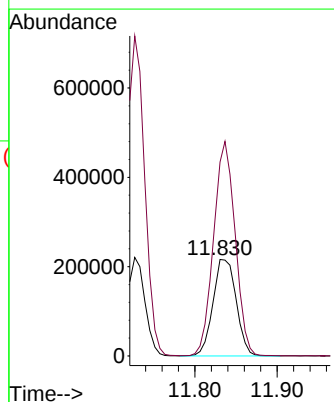
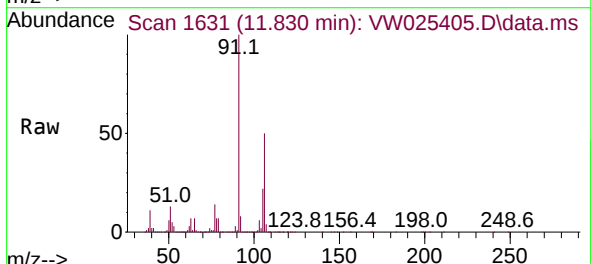
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

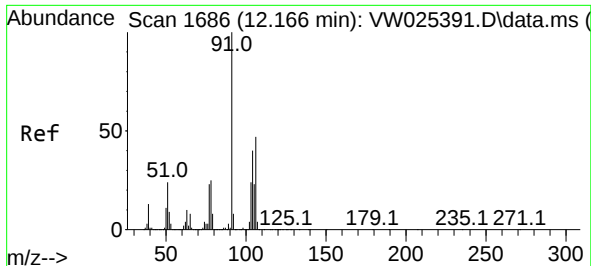
Tgt Ion: 91 Resp: 1121796
Ion Ratio Lower Upper
91 100
106 30.8 22.0 41.0



#53
m,p-Xylene
Concen: 25.330 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion:106 Resp: 424348
Ion Ratio Lower Upper
106 100
91 200.9 144.2 267.8

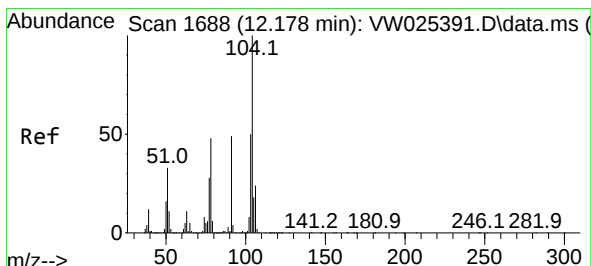
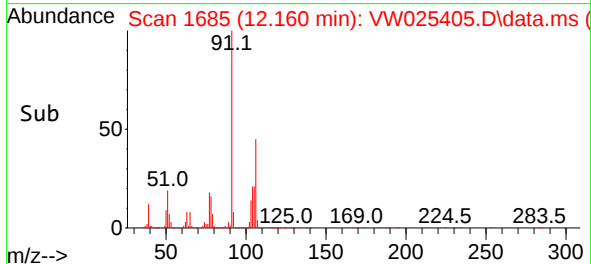
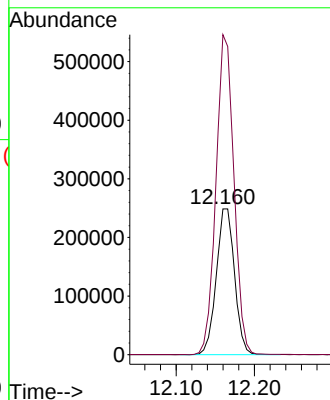
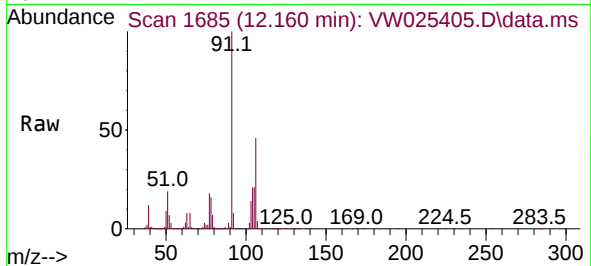




#54
o-Xylene
Concen: 25.566 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

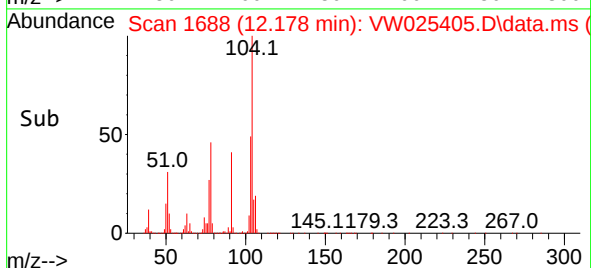
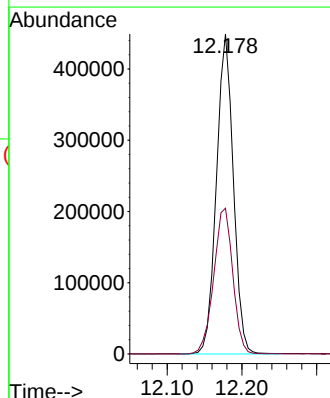
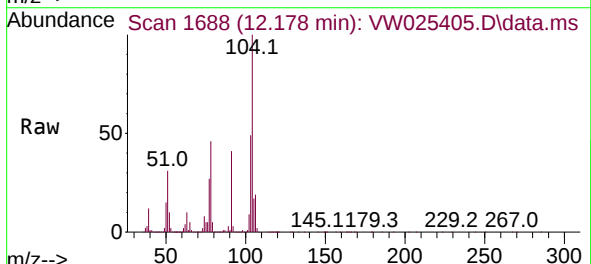
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

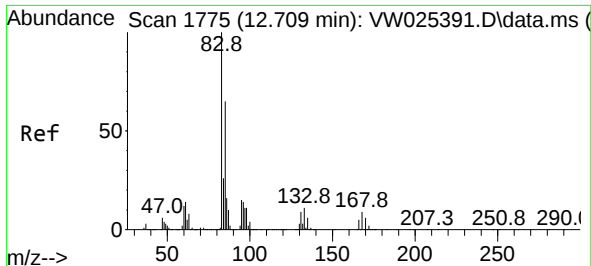
Tgt Ion:106 Resp: 403036
Ion Ratio Lower Upper
106 100
91 219.5 154.6 287.2



#55
Styrene
Concen: 26.229 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion:104 Resp: 706099
Ion Ratio Lower Upper
104 100
78 45.6 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.008 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025405.D

Acq: 16 Mar 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

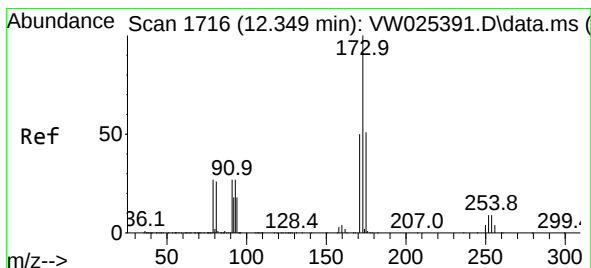
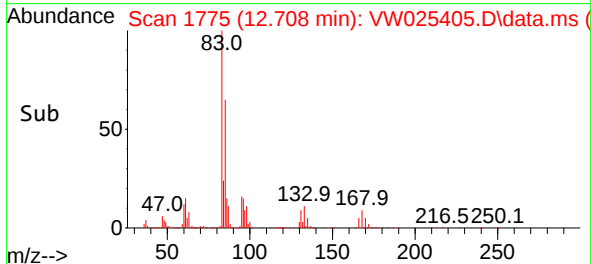
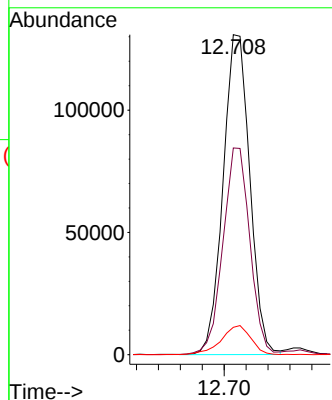
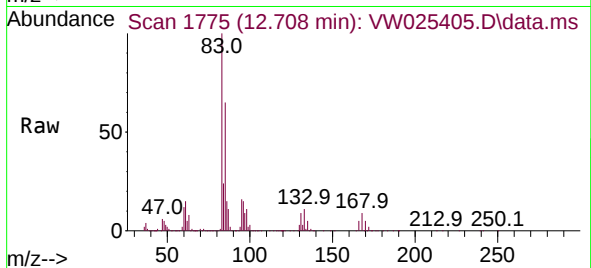
Tgt Ion: 83 Resp: 221807

Ion Ratio Lower Upper

83 100

85 64.6 45.4 84.2

131 8.6 8.0 12.0



#59

Bromoform

Concen: 23.718 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025405.D

Acq: 16 Mar 2023 19:42

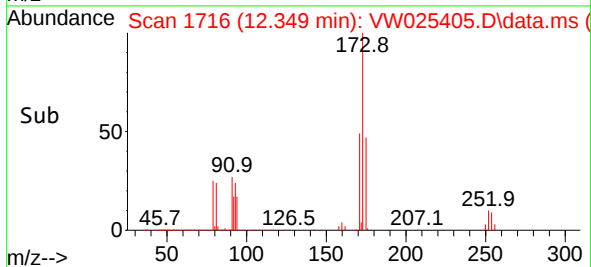
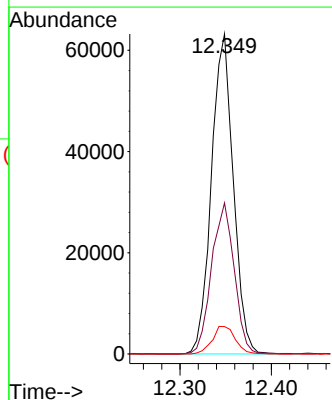
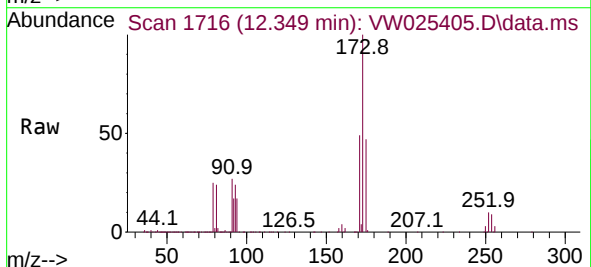
Tgt Ion:173 Resp: 105017

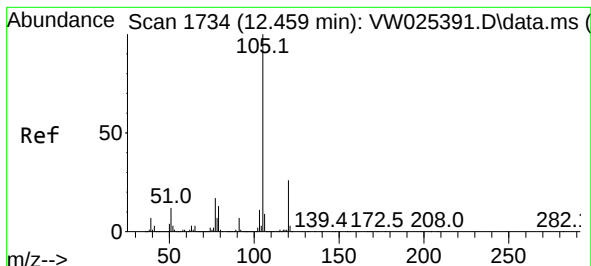
Ion Ratio Lower Upper

173 100

175 48.8 38.6 57.8

254 9.1 7.9 11.9





#60

Isopropylbenzene

Concen: 23.741 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025405.D

Acq: 16 Mar 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

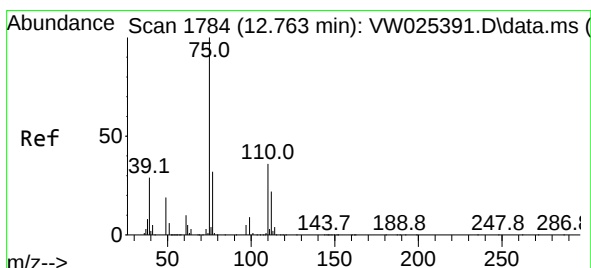
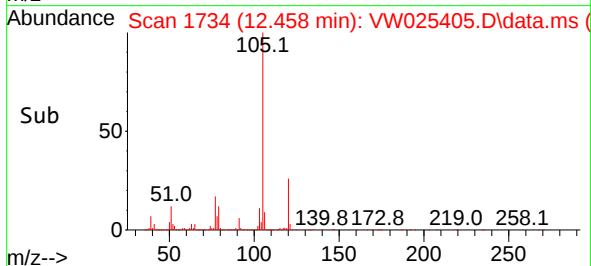
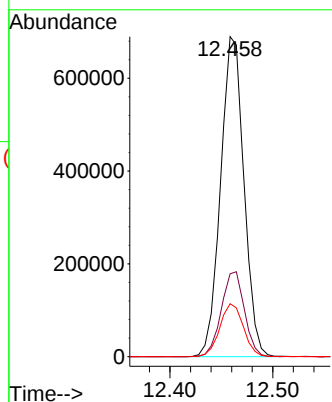
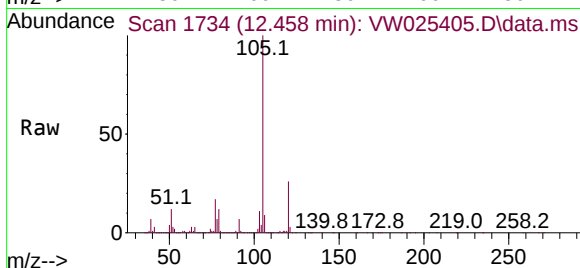
Tgt Ion:105 Resp: 1086144

Ion Ratio Lower Upper

105 100

120 26.3 20.9 31.3

77 16.7 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 24.261 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW025405.D

Acq: 16 Mar 2023 19:42

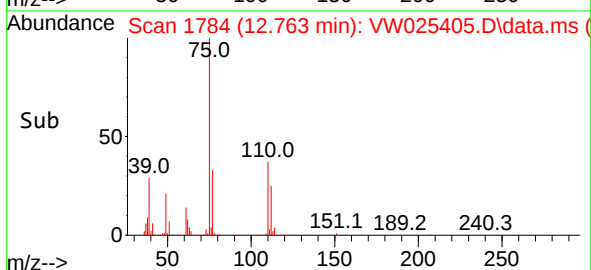
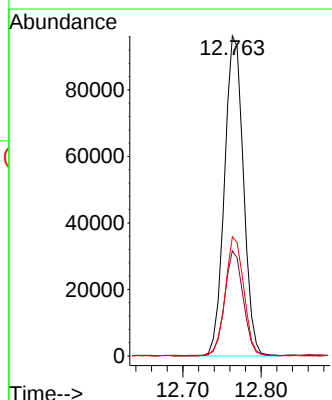
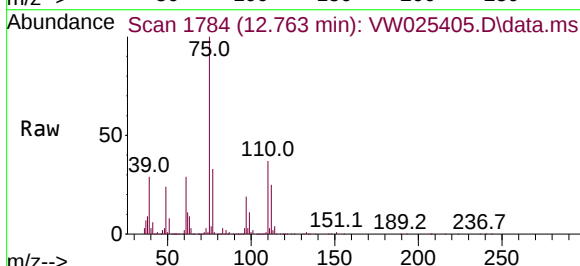
Tgt Ion: 75 Resp: 162217

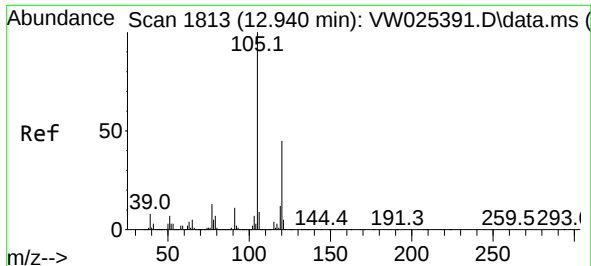
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2

110 36.5 28.9 43.3

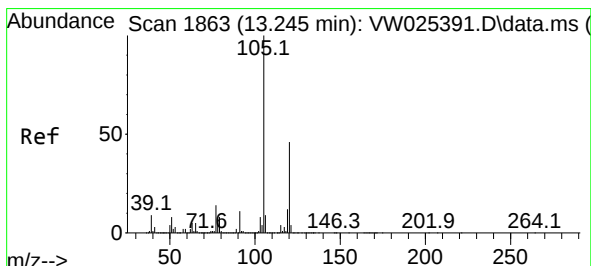
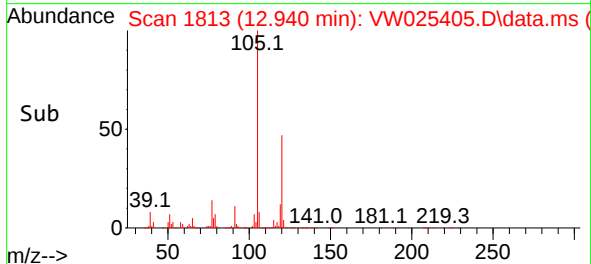
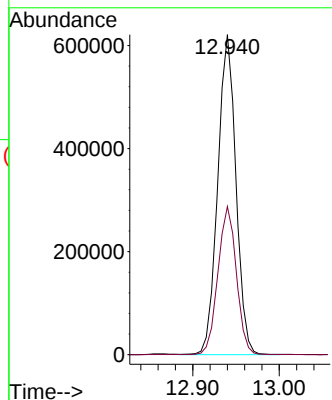
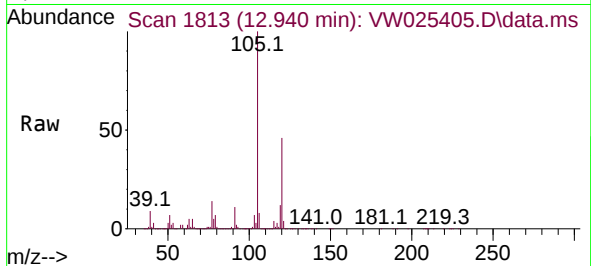




#62
1,3,5-Trimethylbenzene
Concen: 25.021 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

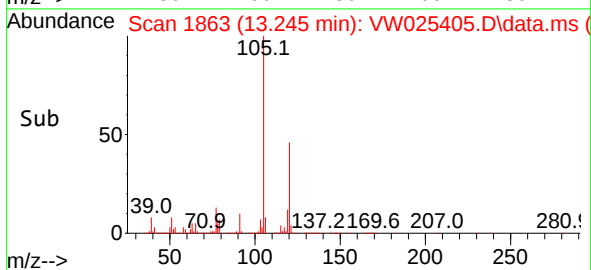
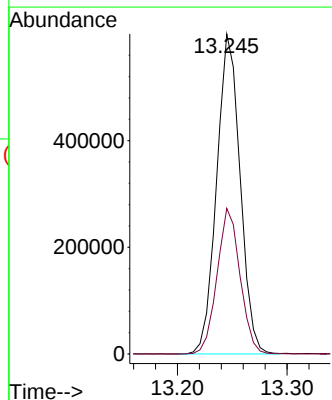
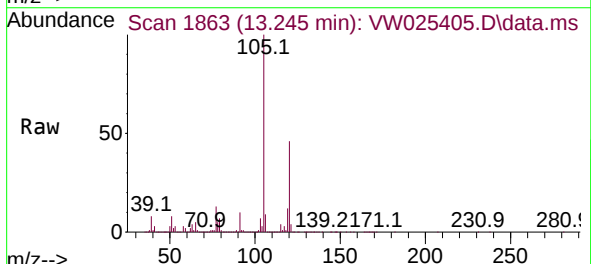
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

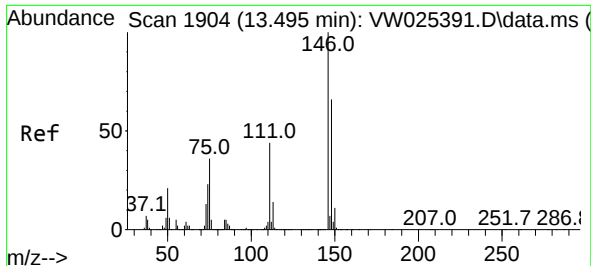
Tgt Ion:105 Resp: 906567
Ion Ratio Lower Upper
105 100
120 47.0 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 24.976 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion:105 Resp: 891491
Ion Ratio Lower Upper
105 100
120 44.6 36.0 54.0

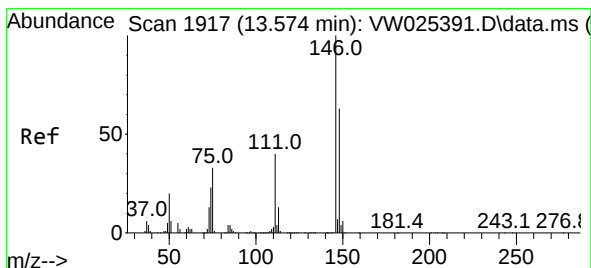
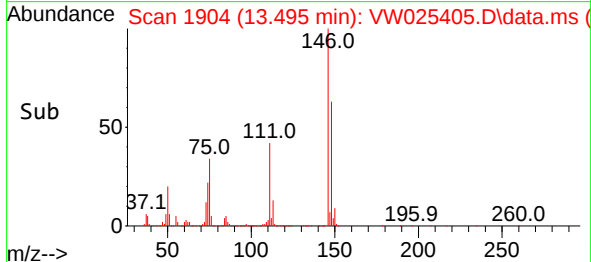
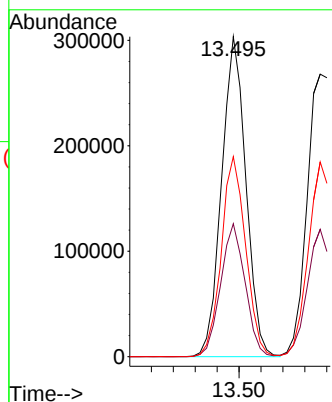
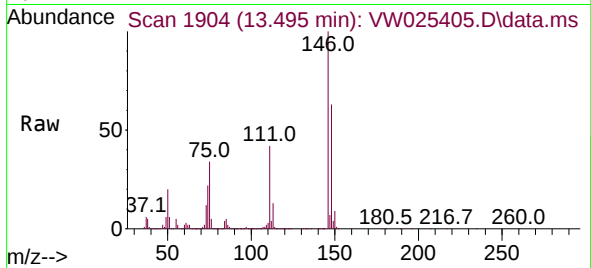




#64
1,3-Dichlorobenzene
Concen: 24.092 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

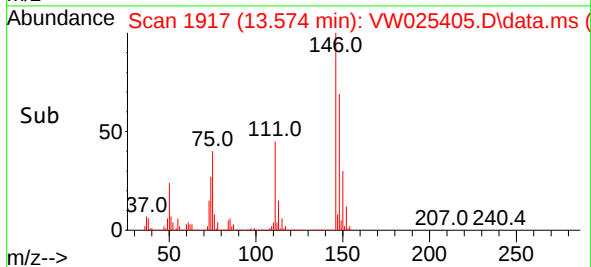
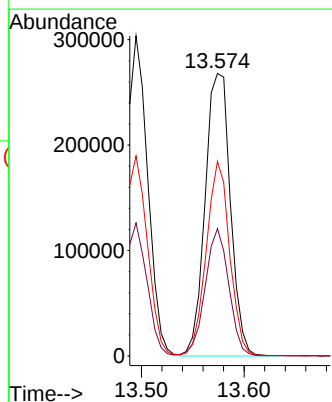
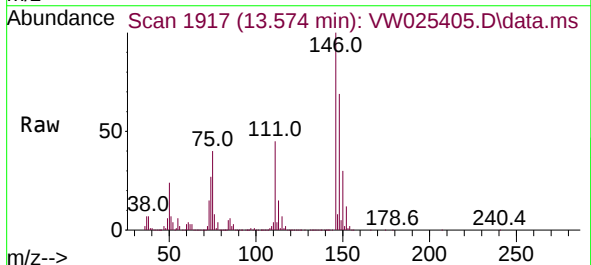
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

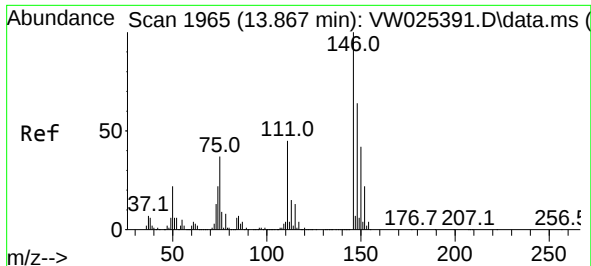
Tgt Ion:146 Resp: 467039
Ion Ratio Lower Upper
146 100
111 41.5 29.7 55.1
148 62.5 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 23.064 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion:146 Resp: 458617
Ion Ratio Lower Upper
146 100
111 45.0 28.2 52.4
148 68.9 39.8 73.8





#67

1,2-Dichlorobenzene

Concen: 23.891 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025405.D

Acq: 16 Mar 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

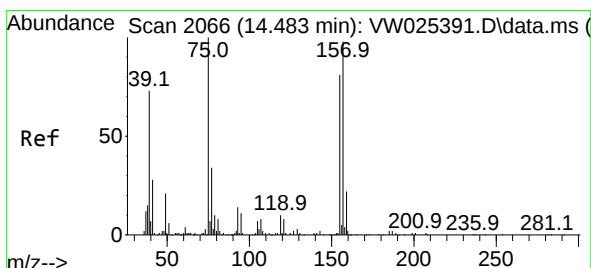
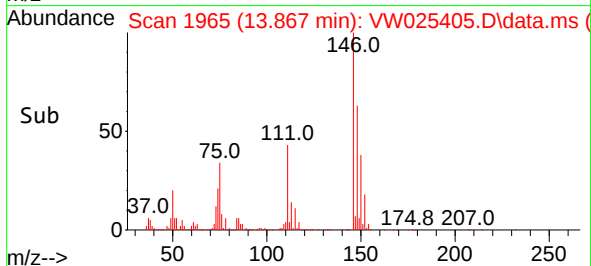
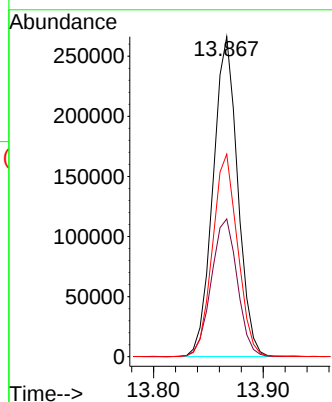
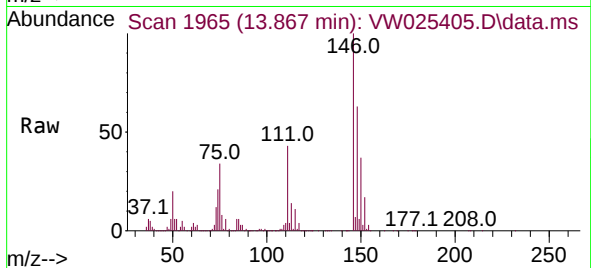
Tgt Ion:146 Resp: 415389

Ion Ratio Lower Upper

146 100

111 43.1 36.6 54.8

148 63.3 53.4 80.2



#68

1,2-Dibromo-3-chloropropane

Concen: 23.294 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW025405.D

Acq: 16 Mar 2023 19:42

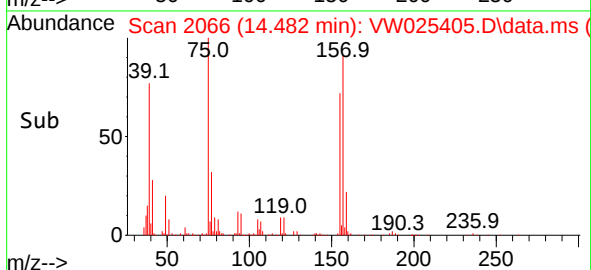
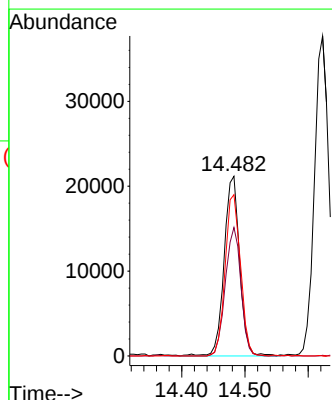
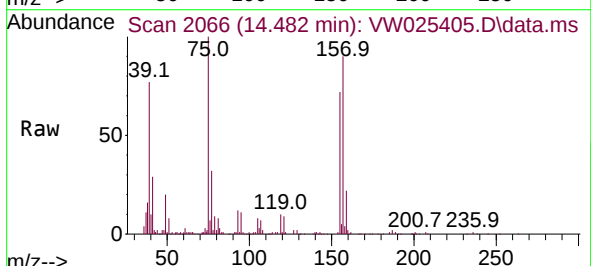
Tgt Ion: 75 Resp: 36058

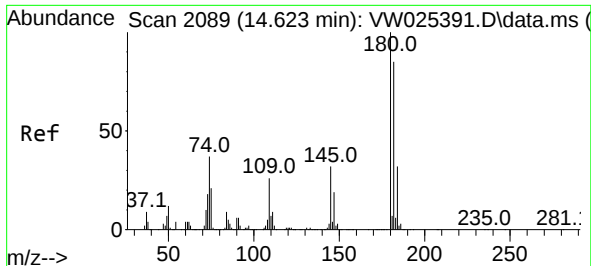
Ion Ratio Lower Upper

75 100

155 71.6 55.4 83.0

157 89.8 75.3 112.9

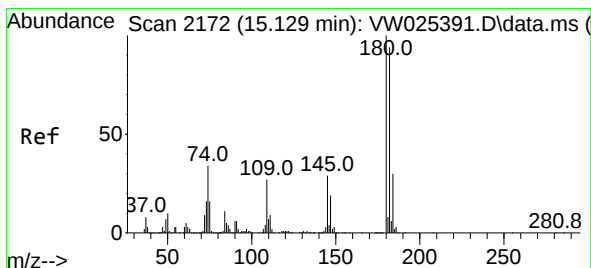
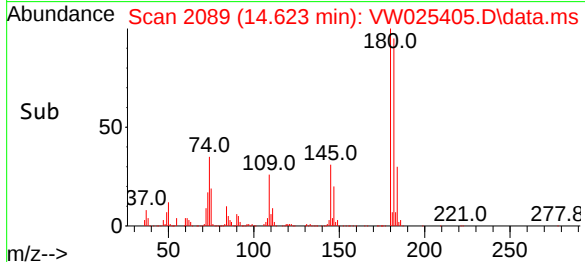
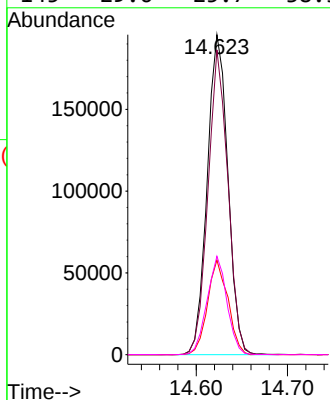
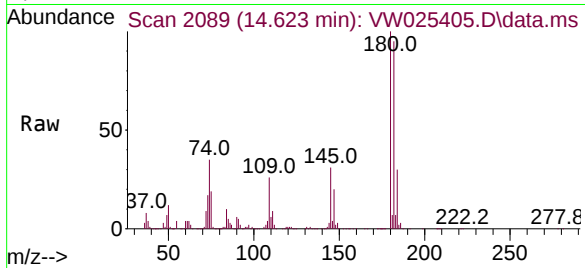




#69
1,3,5-Trichlorobenzene
Concen: 23.293 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

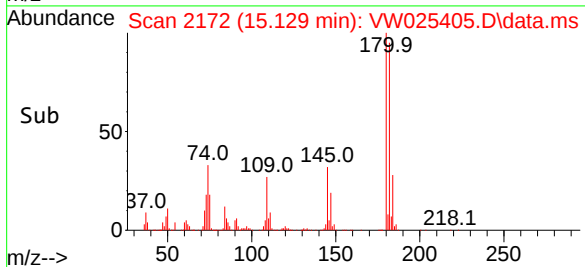
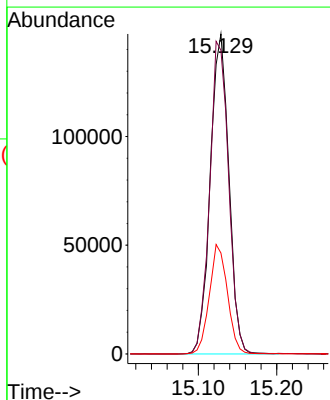
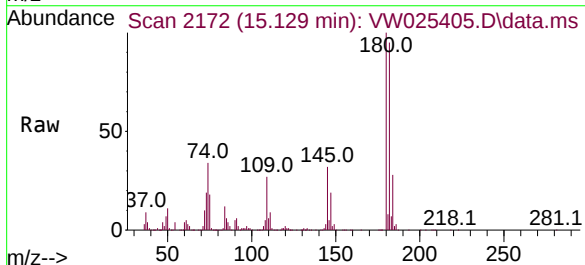
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

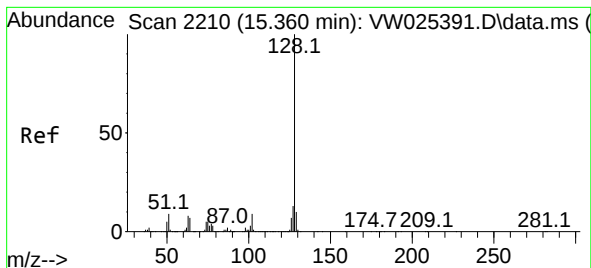
Tgt Ion:180	Resp:	306946
Ion Ratio	Lower	Upper
180	100	
182	91.7	77.1 115.7
184	29.2	24.7 37.1
145	29.6	25.7 38.5



#70
1,2,4-trichlorobenzene
Concen: 22.275 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion:180	Resp:	243375
Ion Ratio	Lower	Upper
180	100	
182	99.3	75.5 113.3
145	33.3	25.2 37.8

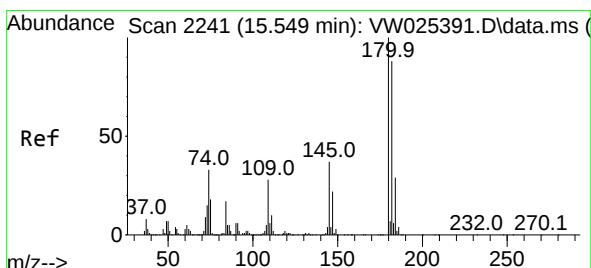
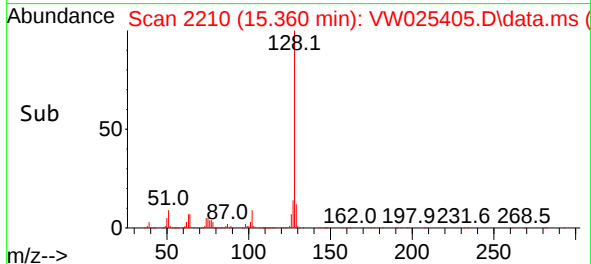
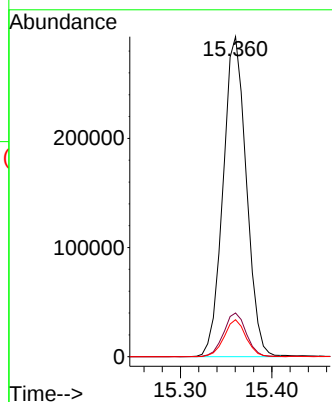
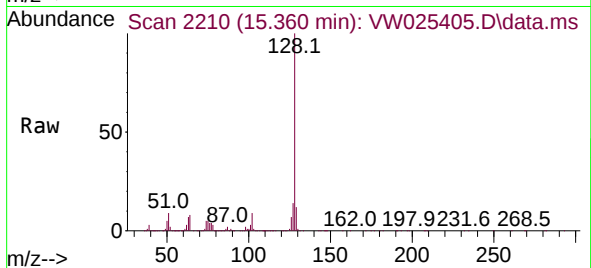




#71
Naphthalene
Concen: 24.013 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

Tgt Ion:128 Resp: 517890
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 23.194 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW025405.D
Acq: 16 Mar 2023 19:42

Tgt Ion:180 Resp: 227615
Ion Ratio Lower Upper
180 100
182 93.2 76.6 114.8
145 33.2 27.7 41.5

