

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031023\
 Data File : VW025385.D
 Acq On : 10 Mar 2023 09:18
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548

Quant Time: Mar 10 23:25:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 07 05:10:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	672383	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	604511	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	292261	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	275251	24.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.480%
7) Chloroethane-d5	2.899	69	201110	25.000	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	4.027	63	537352	24.886	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.560%
21) 2-Butanone-d5	7.081	46	115800	42.199	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.400%
24) Chloroform-d	7.648	84	476605	24.588	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.360%
26) 1,2-Dichloroethane-d4	8.307	65	245039	23.552	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	8.276	84	993987	24.064	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.240%
36) 1,2-Dichloropropane-d6	9.270	67	301345	23.582	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	10.325	98	877510	24.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	10.575	79	114223	22.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.800%
47) 2-Hexanone-d5	10.922	63	75518	41.098	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	205792	21.982	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.920%
66) 1,2-Dichlorobenzene-d4	13.849	152	257542	23.696	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.800%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.021	85	197574	25.712	ug/L	98
3) Chloromethane	2.223	50	273741	29.953	ug/L	100
5) Vinyl chloride	2.375	62	302996	29.346	ug/L	100
6) Bromomethane	2.790	94	156042	28.347	ug/L	96
8) Chloroethane	2.936	64	171551	28.909	ug/L	96
9) Trichlorofluoromethane	3.271	101	246954	27.634	ug/L	99
12) 1,1-Dichloroethene	4.045	96	230116	27.444	ug/L	90
13) Acetone	4.131	43	149487	56.667	ug/L	98
14) Carbon disulfide	4.393	76	774688	29.716	ug/L	99
15) Methyl Acetate	4.673	43	109151	22.056	ug/L	97
16) Methylene chloride	4.917	84	241837	25.830	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	235769	26.823	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	314610	23.775	ug/L	99
19) 1,1-Dichloroethane	6.222	63	479507	26.344	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	249462	25.922	ug/L #	96
22) 2-Butanone	7.173	43	161182	47.233	ug/L	100
23) Bromochloromethane	7.514	128	103368	24.978	ug/L	98
25) Chloroform	7.679	83	441720	25.815	ug/L	97
27) 1,2-Dichloroethane	8.398	62	292884	25.649	ug/L	98

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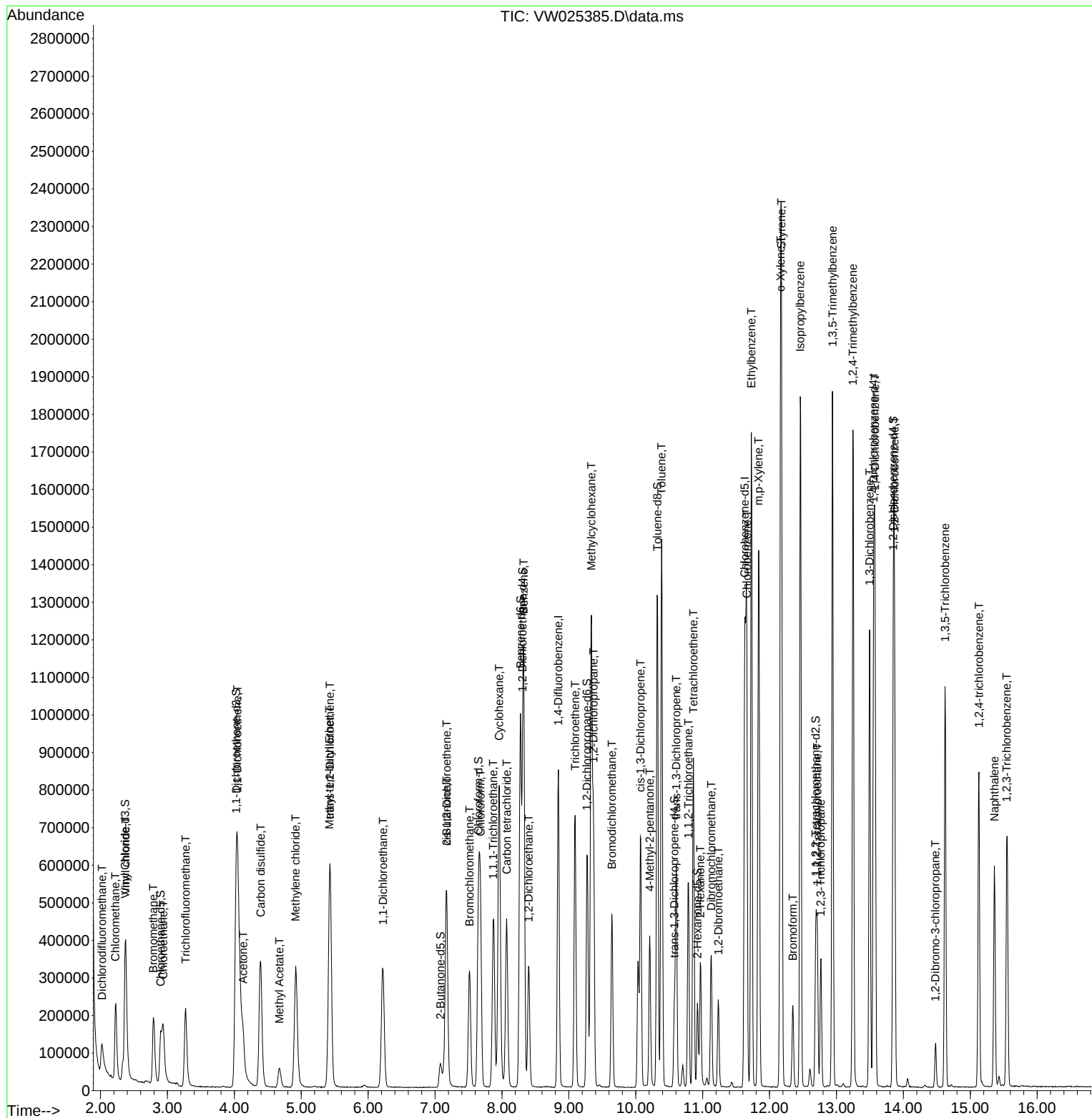
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	465259	27.266	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	363717	25.310	ug/L	99
31) Carbon tetrachloride	8.069	117	331988	25.773	ug/L	100
33) Benzene	8.325	78	1016072	26.290	ug/L	100
34) Trichloroethene	9.093	95	255935	25.230	ug/L	97
35) Methylcyclohexane	9.337	83	474160	27.134	ug/L	99
37) 1,2-Dichloropropane	9.368	63	266326	25.034	ug/L	100
38) Bromodichloromethane	9.642	83	303603	24.470	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	381790	24.911	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	281636	44.046	ug/L	99
42) Toluene	10.386	91	1038040	26.013	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	315462	24.578	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	170253	23.830	ug/L	99
46) Tetrachloroethene	10.861	164	184634	25.581	ug/L	94
48) 2-Hexanone	10.965	43	218777	47.557	ug/L	99
49) Dibromochloromethane	11.129	129	181442	23.768	ug/L	97
50) 1,2-Dibromoethane	11.233	107	153997	23.286	ug/L	90
51) Chlorobenzene	11.660	112	632766	24.985	ug/L	94
52) Ethylbenzene	11.727	91	1182312	25.978	ug/L	97
53) m,p-Xylene	11.837	106	436179	25.984	ug/L	96
54) o-Xylene	12.166	106	411390	26.044	ug/L	91
55) Styrene	12.178	104	705039	26.137	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	197338	22.205	ug/L	96
59) Bromoform	12.349	173	94330	22.371	ug/L	97
60) Isopropylbenzene	12.459	105	1164466	26.728	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	145143	22.794	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	938486	27.198	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	918608	27.024	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	459873	24.910	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	462210	24.408	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	414555	25.037	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	29204	19.811	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	315593	25.148	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	250184	24.044	ug/L	100
71) Naphthalene	15.360	128	474205	23.088	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	218482	23.378	ug/L	99

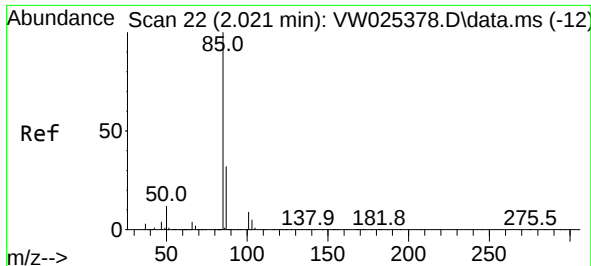
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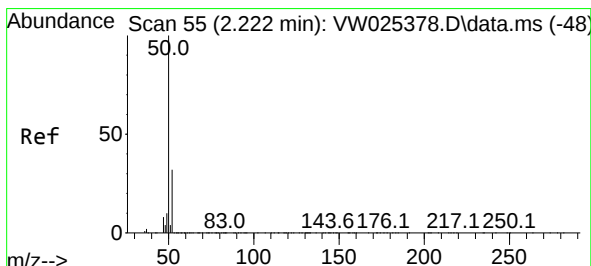
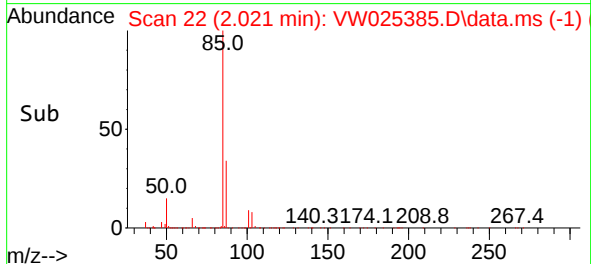
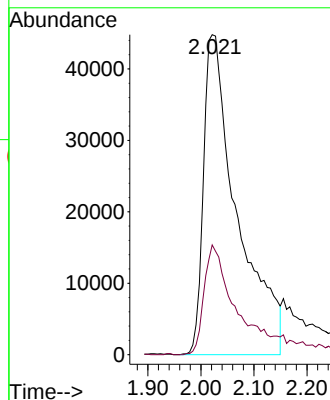
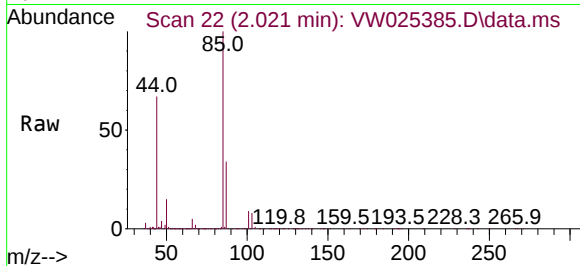




#2
Dichlorodifluoromethane
Concen: 25.712 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

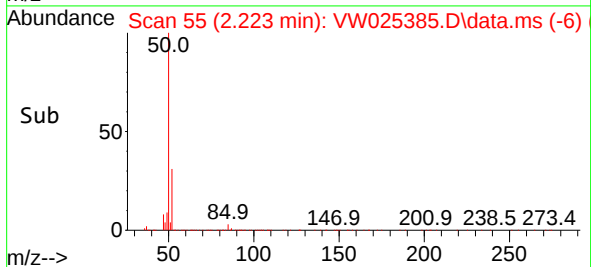
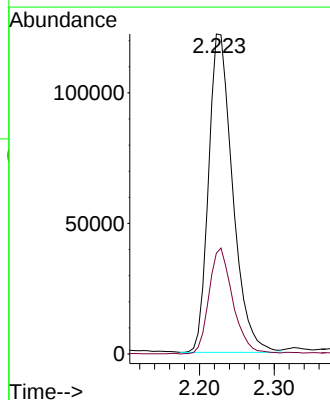
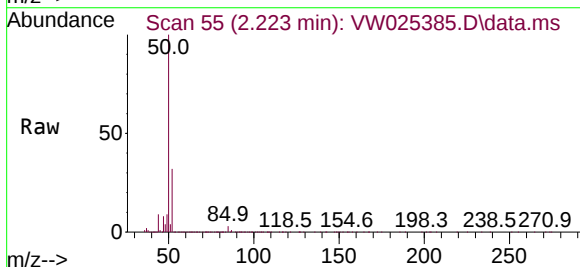
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MSVOA_W
ClientSampleId :
VSTD025548

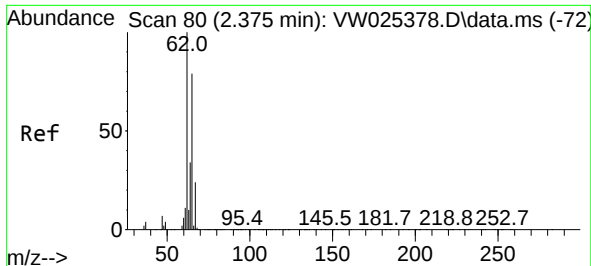
Tgt Ion: 85 Resp: 197574
Ion Ratio Lower Upper
85 100
87 26.7 20.5 30.7



#3
Chloromethane
Concen: 29.953 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.001 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion: 50 Resp: 273741
Ion Ratio Lower Upper
50 100
52 31.5 21.9 40.7

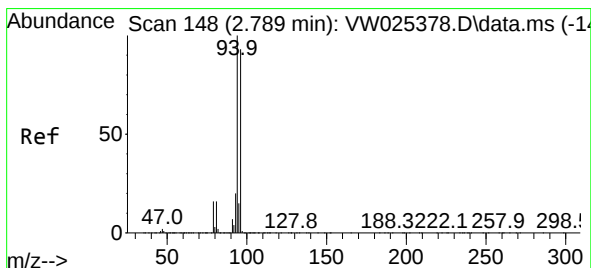
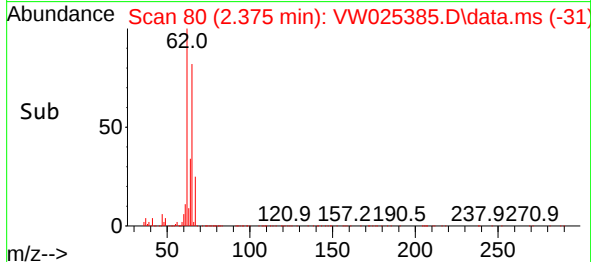
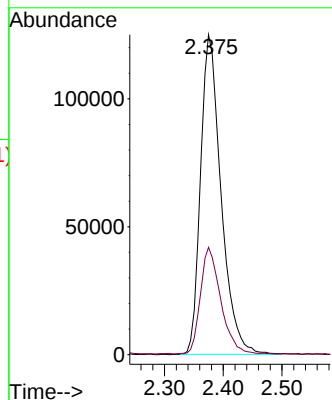
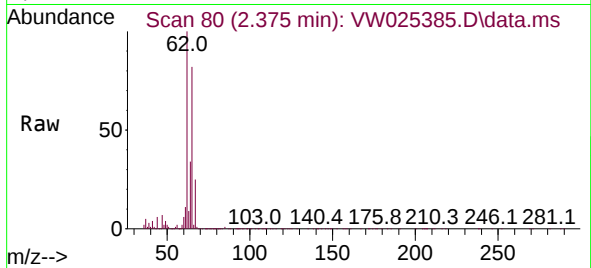




#5
 Vinyl chloride
 Concen: 29.346 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025385.D
 Acq: 10 Mar 2023 09:18

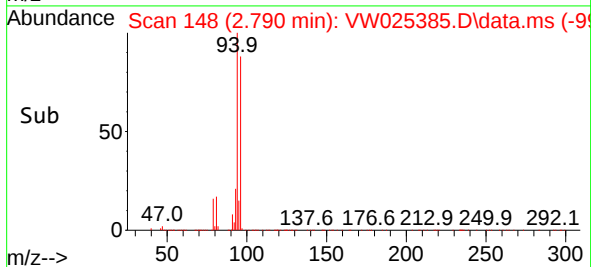
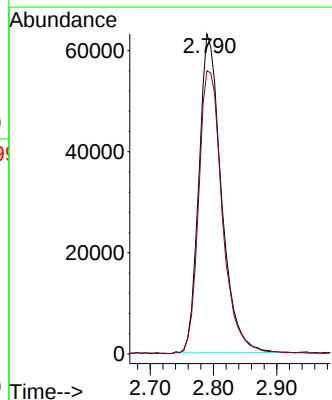
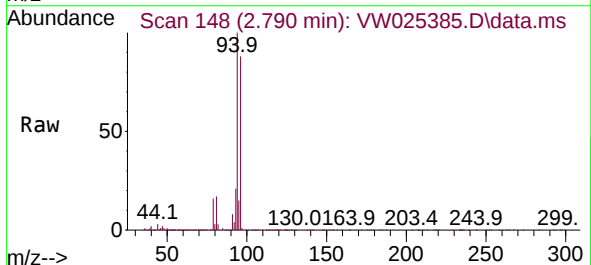
Instrument :
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 ClientSampleId :
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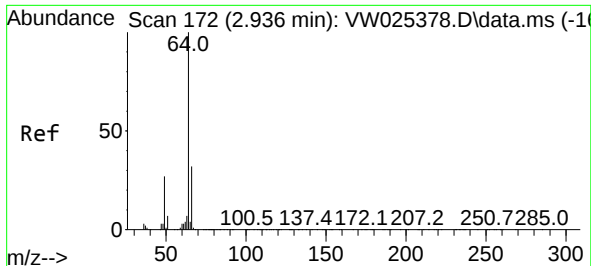
Tgt Ion: 62 Resp: 302996
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.4 43.6



#6
 Bromomethane
 Concen: 28.347 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.001 min
 Lab File: VW025385.D
 Acq: 10 Mar 2023 09:18

Tgt Ion: 94 Resp: 156042
 Ion Ratio Lower Upper
 94 100
 96 88.5 64.5 119.9

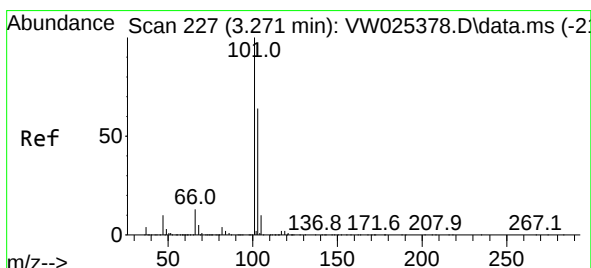
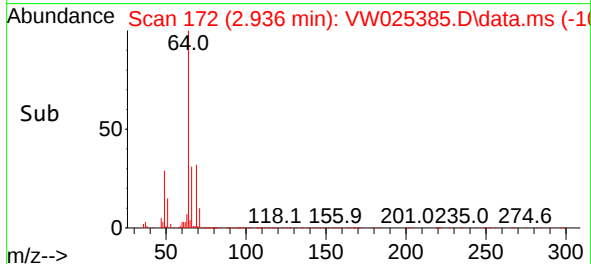
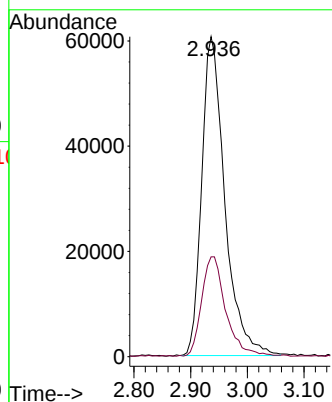
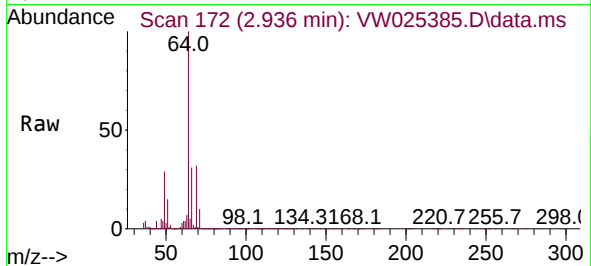




#8
Chloroethane
Concen: 28.909 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

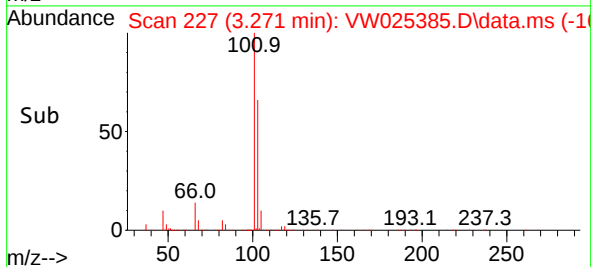
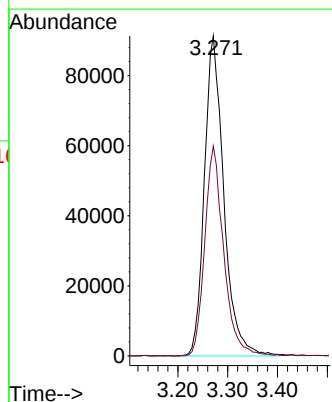
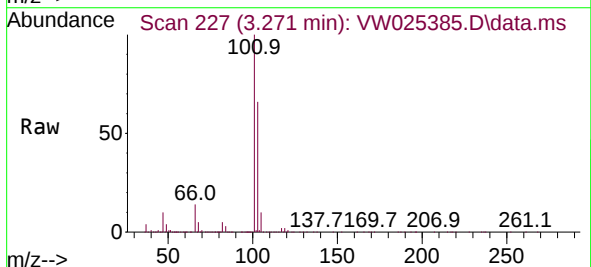
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

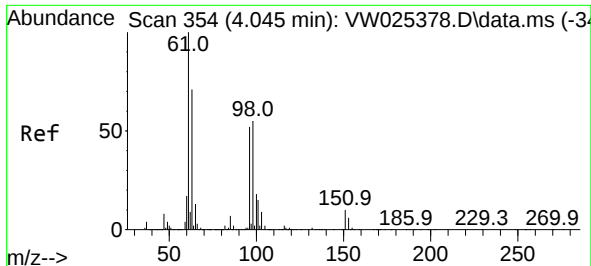
Tgt Ion: 64 Resp: 171551
Ion Ratio Lower Upper
64 100
66 31.2 23.3 43.3



#9
Trichlorofluoromethane
Concen: 27.634 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion: 101 Resp: 246954
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3



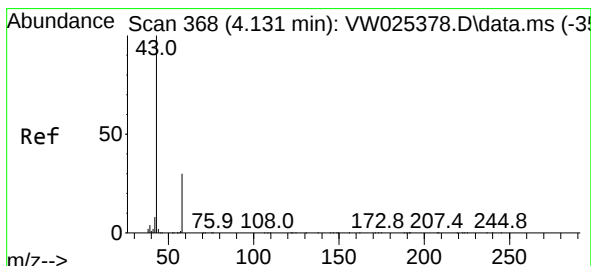
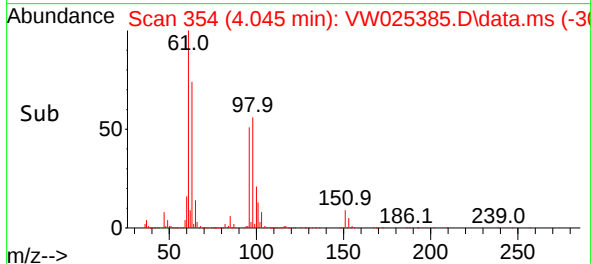
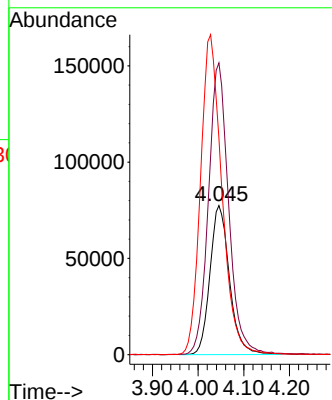
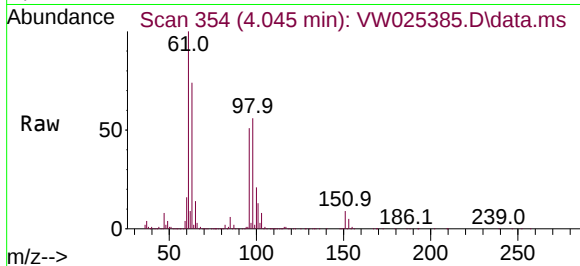


#12
 1,1-Dichloroethene
 Concen: 27.444 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW025385.D
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 VSTD025548

Tgt Ion: 96 Resp: 230116

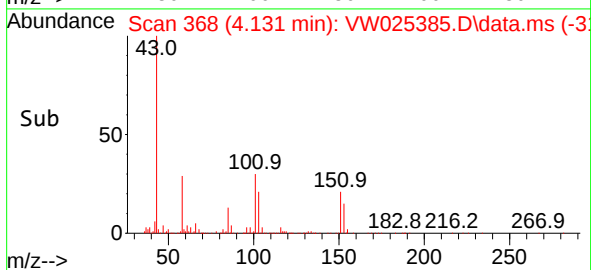
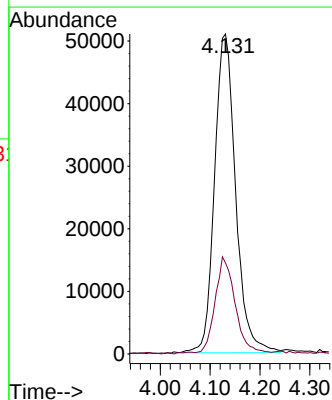
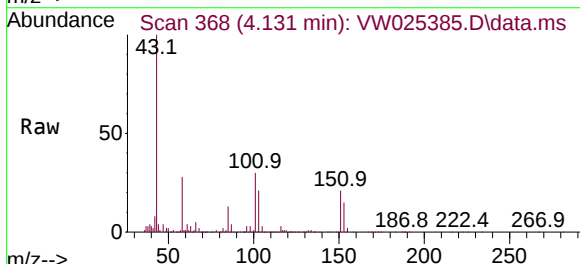
Ion	Ratio	Lower	Upper
96	100		
61	195.8	130.7	242.7
63	145.3	88.3	164.1

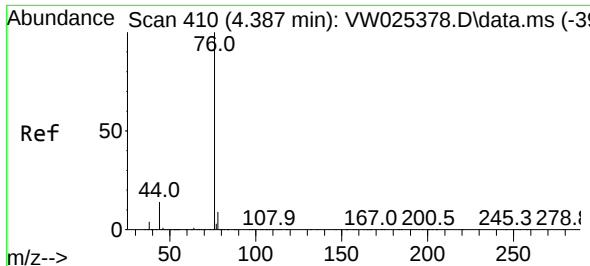


#13
 Acetone
 Concen: 56.667 ug/L
 RT: 4.131 min Scan# 368
 Delta R.T. 0.013 min
 Lab File: VW025385.D
 Acq: 10 Mar 2023 09:18

Tgt Ion: 43 Resp: 149487

Ion	Ratio	Lower	Upper
43	100		
58	28.8	0.0	60.0

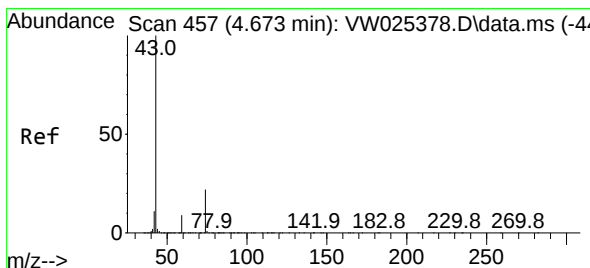
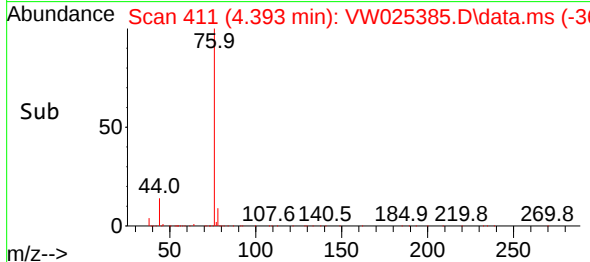
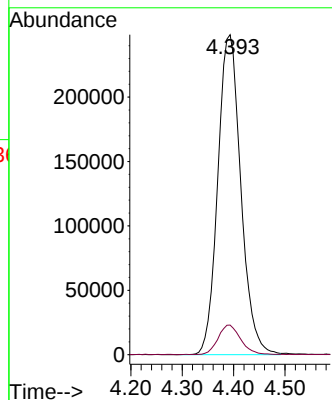
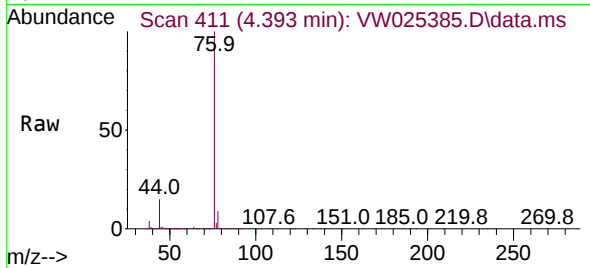




#14
Carbon disulfide
Concen: 29.716 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

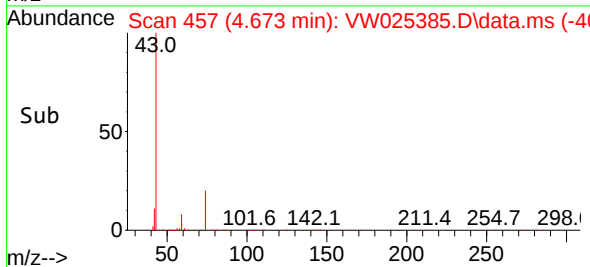
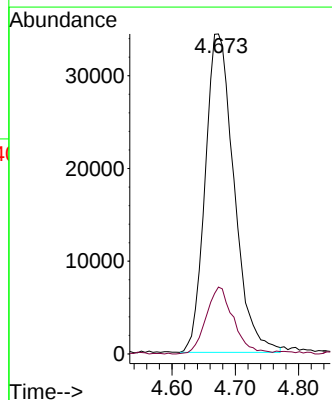
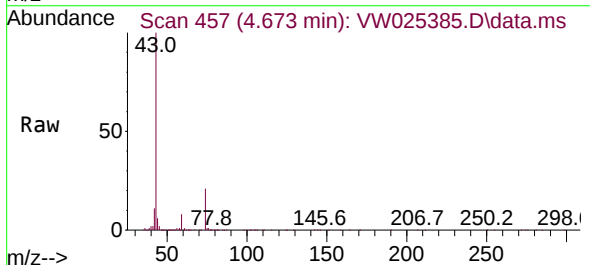
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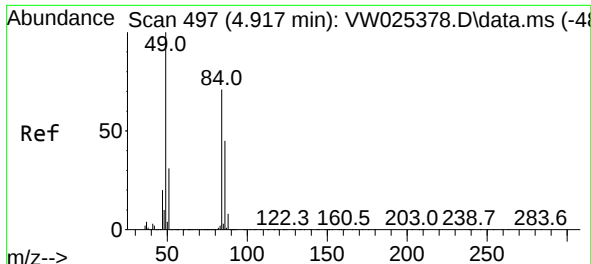
Tgt Ion: 76 Resp: 774688
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#15
Methyl Acetate
Concen: 22.056 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion: 43 Resp: 109151
Ion Ratio Lower Upper
43 100
74 19.6 17.0 25.4

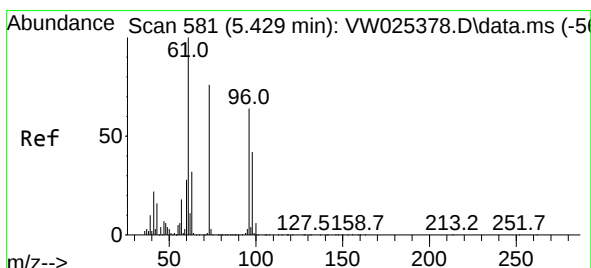
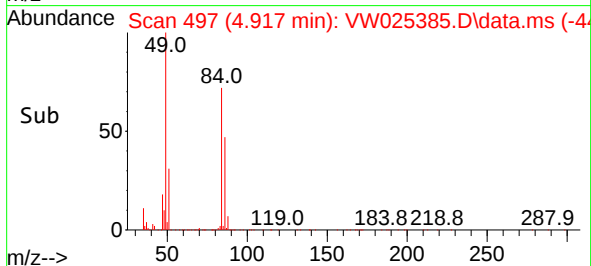
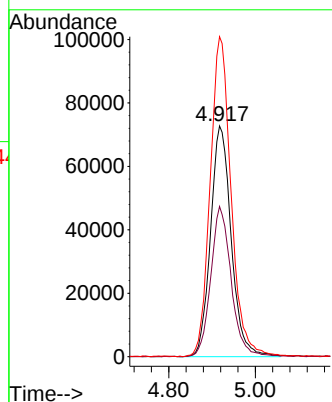
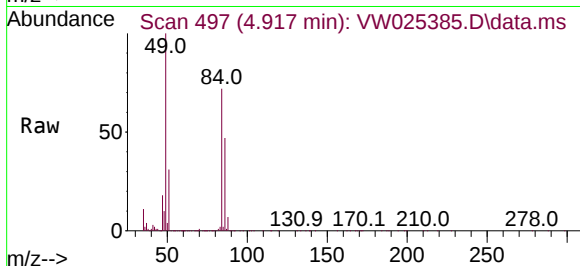




#16
Methylene chloride
Concen: 25.830 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

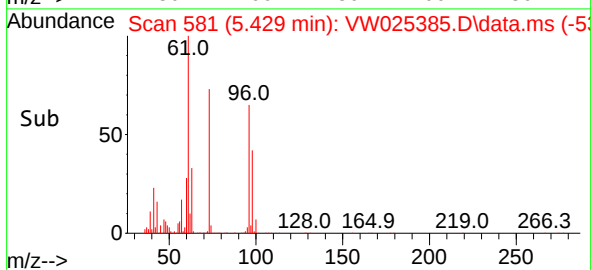
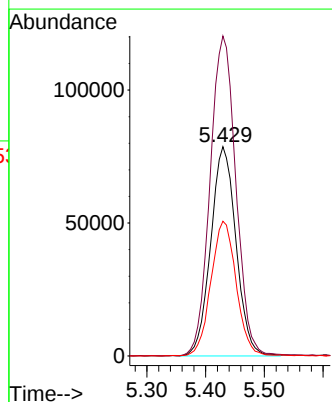
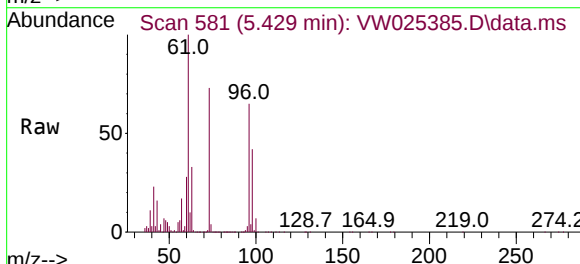
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

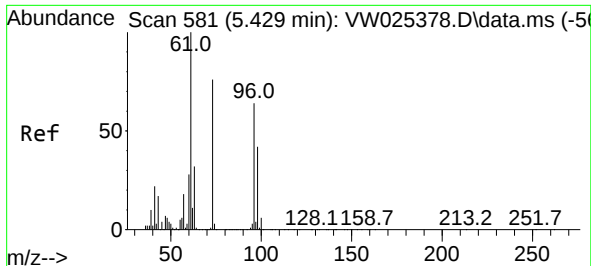
Tgt Ion: 84 Resp: 241837
Ion Ratio Lower Upper
84 100
86 65.1 45.1 83.7
49 138.7 94.7 175.9



#17
trans-1,2-Dichloroethene
Concen: 26.823 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion: 96 Resp: 235769
Ion Ratio Lower Upper
96 100
61 152.9 103.0 191.4
98 64.4 43.4 80.6

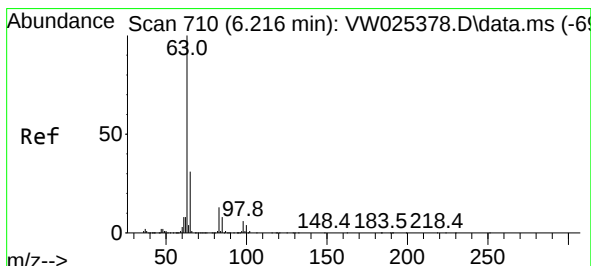
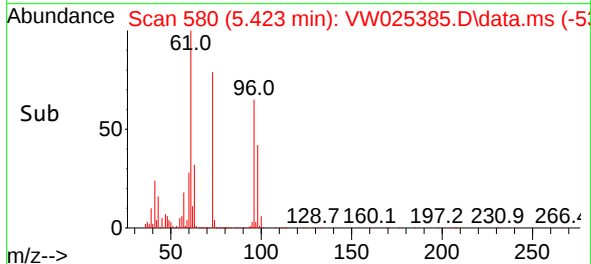
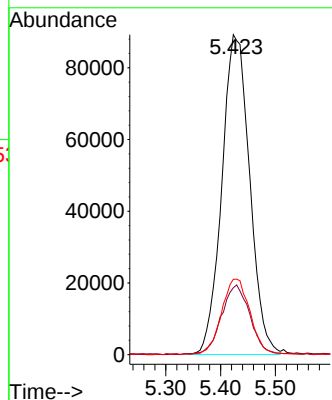
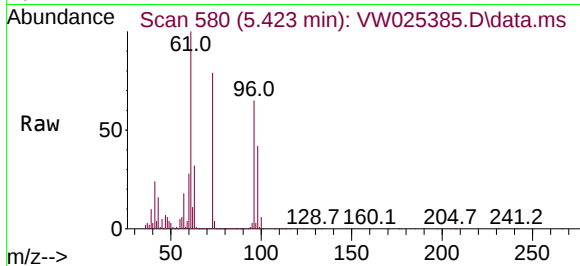




#18
Methyl tert-butyl Ether
Concen: 23.775 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

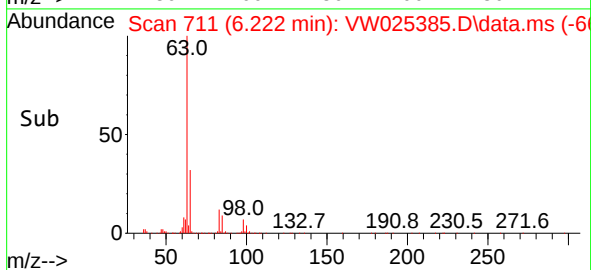
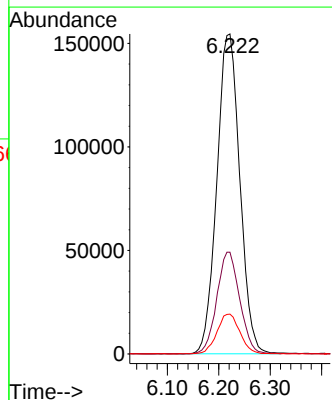
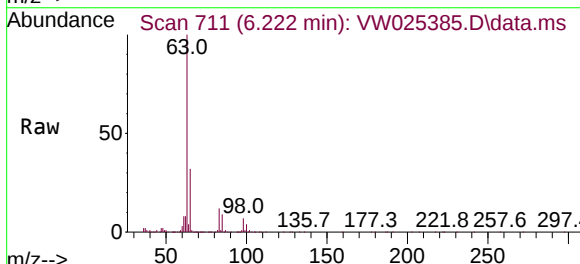
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

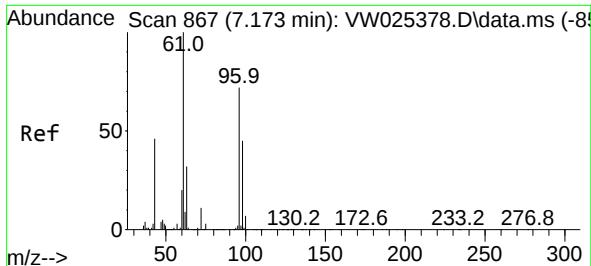
Tgt Ion:	73	Resp:	314610
Ion	Ratio	Lower	Upper
73	100		
43	21.8	17.6	26.4
57	24.2	18.6	28.0



#19
1,1-Dichloroethane
Concen: 26.344 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion:	63	Resp:	479507
Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.7	40.3
83	12.5	8.4	15.6

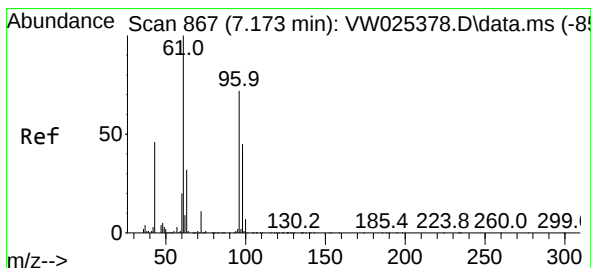
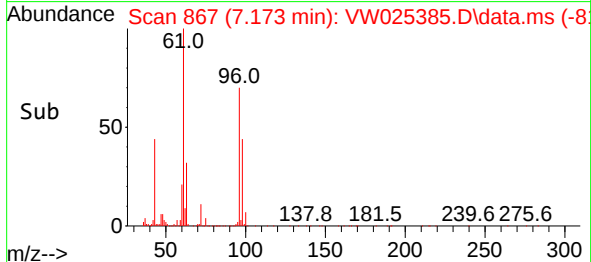
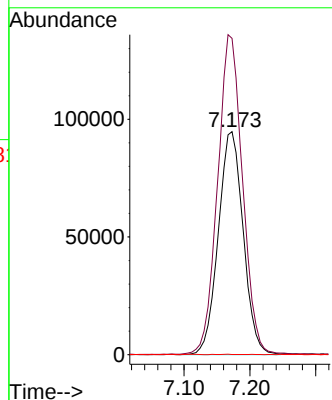
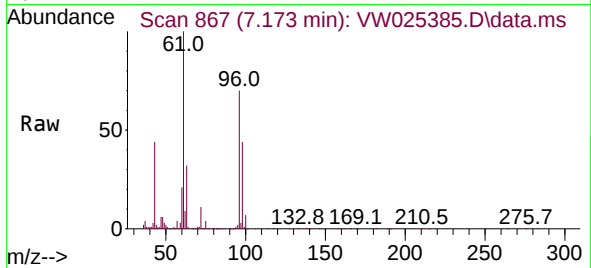




#20
 cis-1,2-Dichloroethene
 Concen: 25.922 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW025385.D
 Acq: 10 Mar 2023 09:18

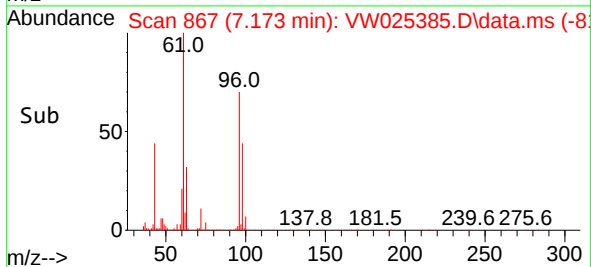
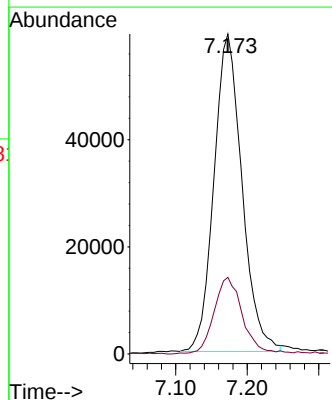
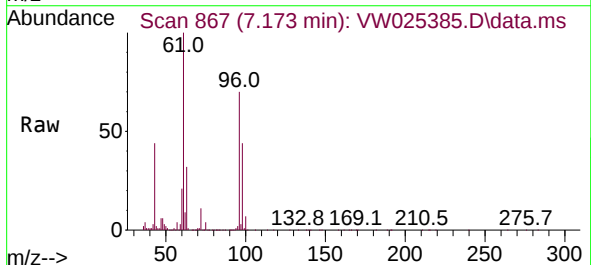
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548

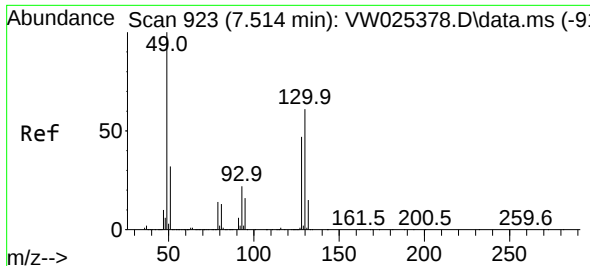
Tgt Ion: 96 Resp: 249462
 Ion Ratio Lower Upper
 96 100
 61 141.9 95.5 177.4
 68 0.1 0.1 0.1#



#22
 2-Butanone
 Concen: 47.233 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW025385.D
 Acq: 10 Mar 2023 09:18

Tgt Ion: 43 Resp: 161182
 Ion Ratio Lower Upper
 43 100
 72 24.0 12.0 36.1

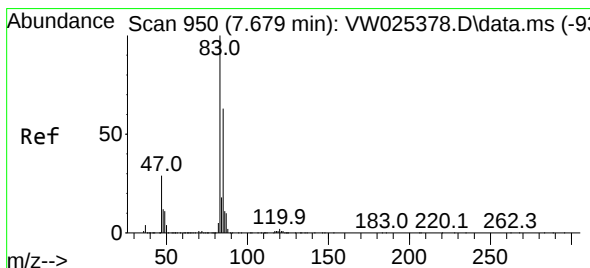
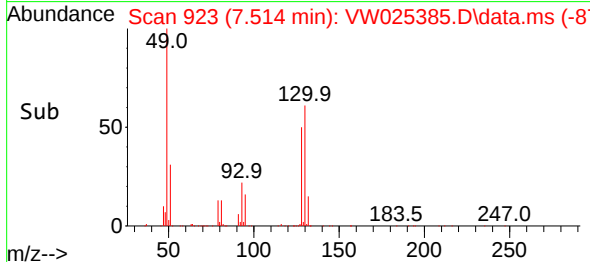
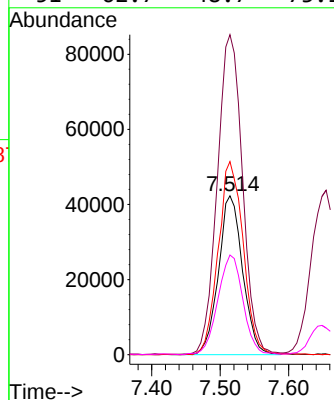
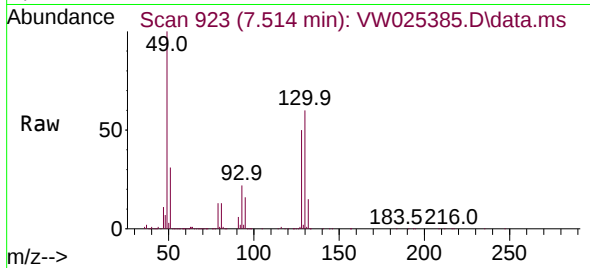




#23
Bromochloromethane
Concen: 24.978 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

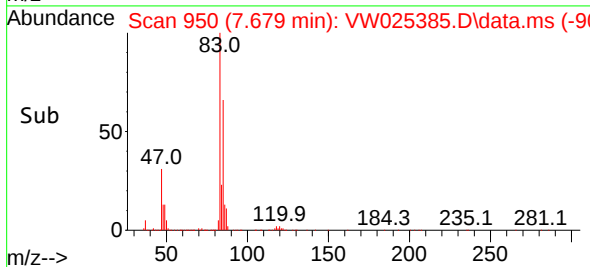
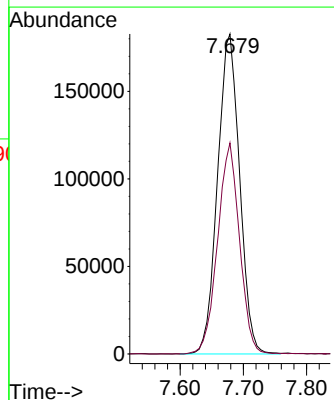
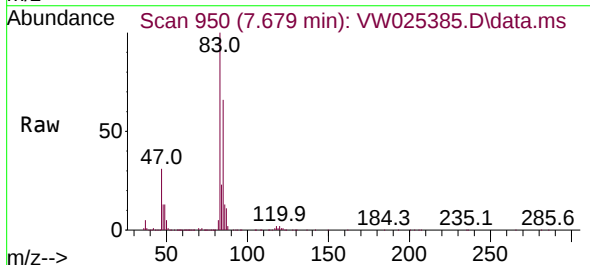
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

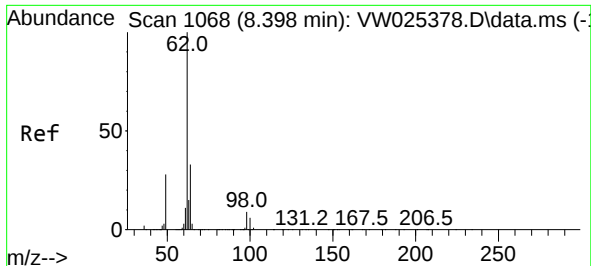
Tgt Ion:128 Resp: 103368
Ion Ratio Lower Upper
128 100
49 201.4 140.6 261.0
130 121.5 80.8 150.0
51 62.7 48.7 73.1



#25
Chloroform
Concen: 25.815 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion: 83 Resp: 441720
Ion Ratio Lower Upper
83 100
85 65.9 44.7 82.9

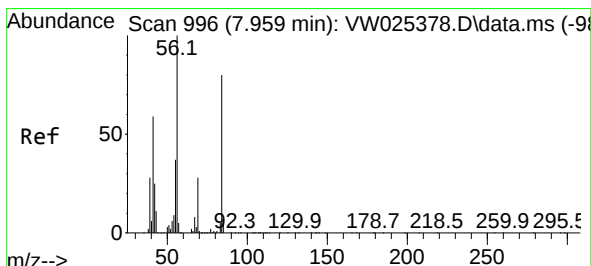
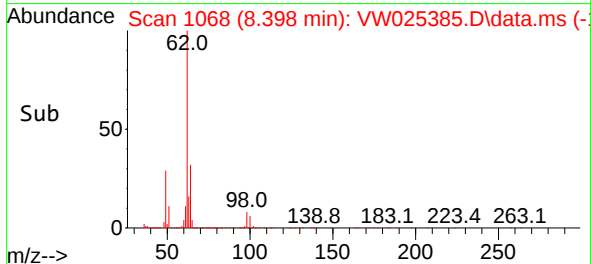
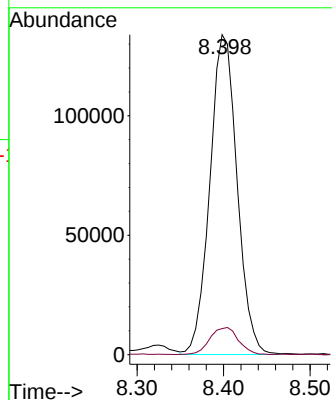
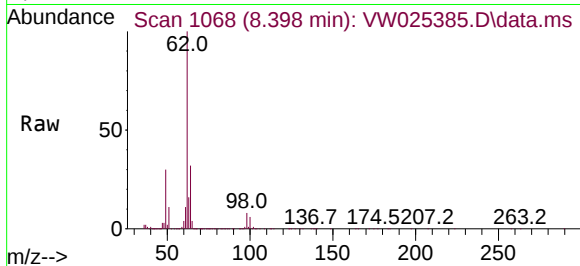




#27
1,2-Dichloroethane
Concen: 25.649 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

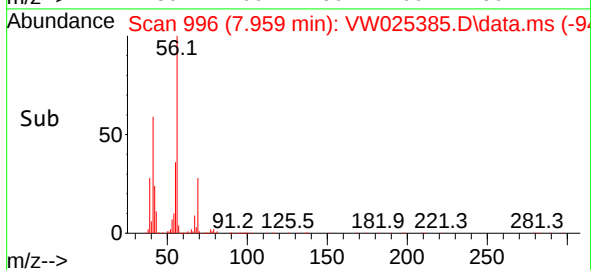
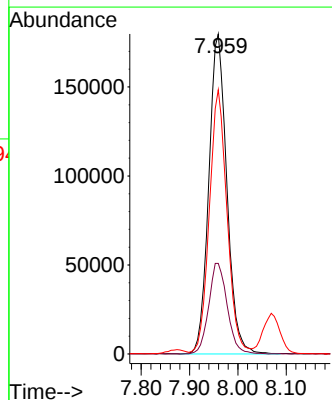
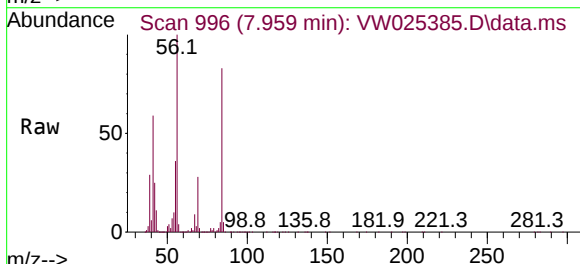
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

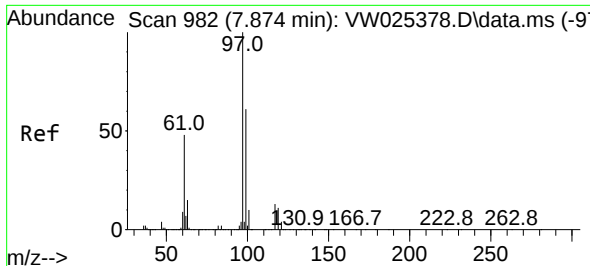
Tgt Ion: 62 Resp: 292884
Ion Ratio Lower Upper
62 100
98 8.2 7.2 10.8



#29
Cyclohexane
Concen: 27.266 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion: 56 Resp: 465259
Ion Ratio Lower Upper
56 100
69 29.1 23.1 34.7
84 80.7 63.9 95.9

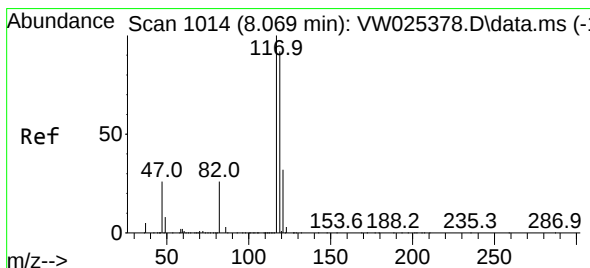
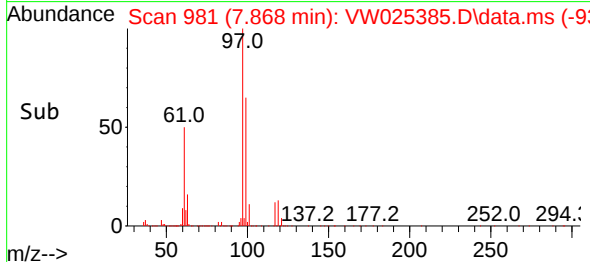
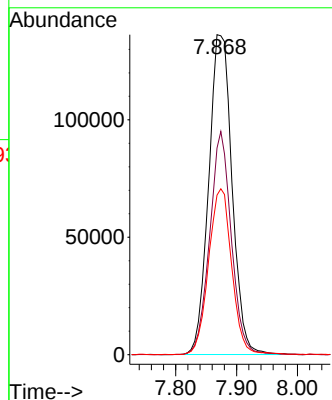
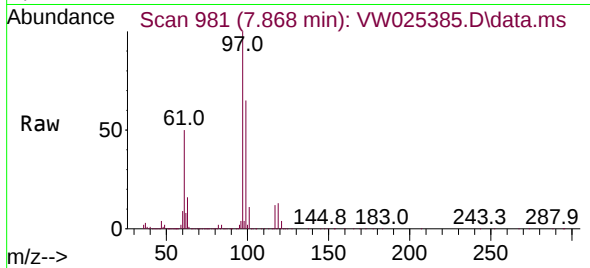




#30
1,1,1-Trichloroethane
Concen: 25.310 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

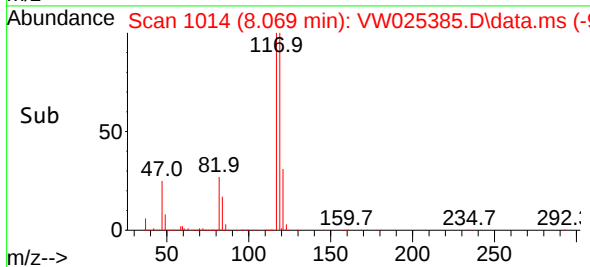
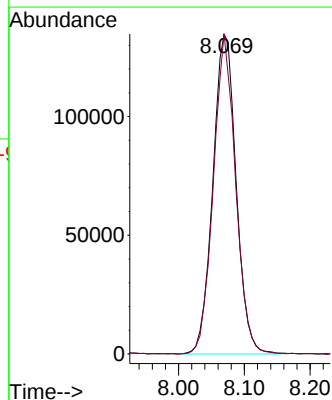
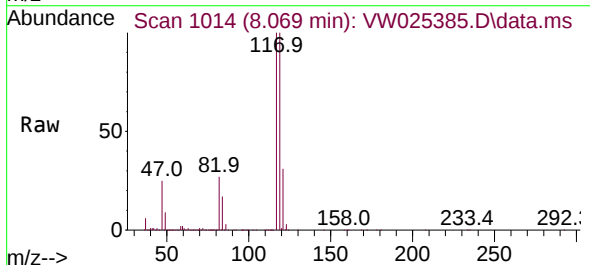
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

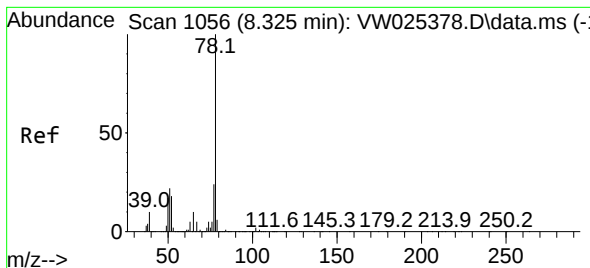
Tgt Ion: 97 Resp: 363717
Ion Ratio Lower Upper
97 100
99 64.6 50.9 76.3
61 50.9 39.8 59.6



#31
Carbon tetrachloride
Concen: 25.773 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion: 117 Resp: 331988
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.6





#33

Benzene

Concen: 26.290 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW025385.D

Acq: 10 Mar 2023 09:18

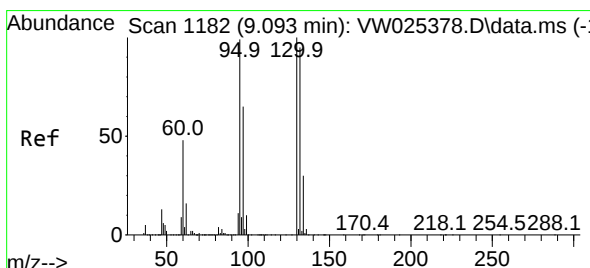
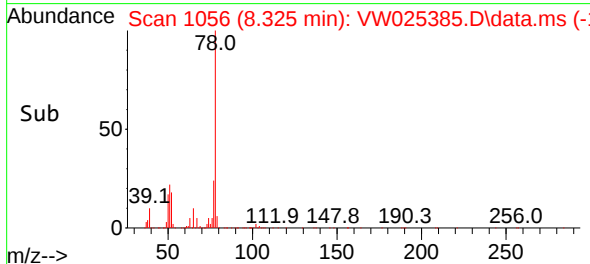
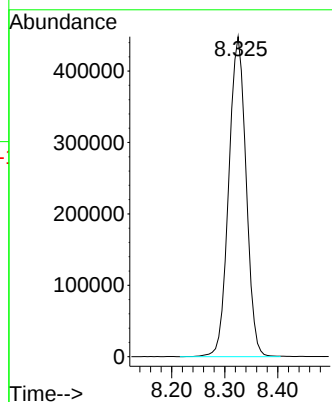
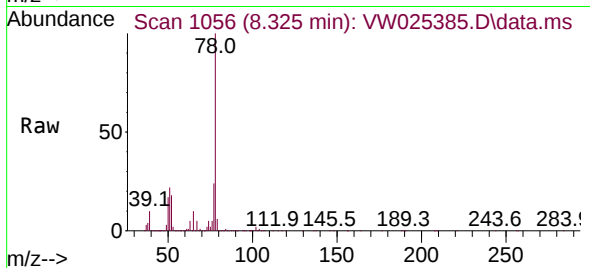
Instrument :

MSVOA_W

ClientSampleId :

VSTD025548

Tgt Ion: 78 Resp: 1016072



#34

Trichloroethene

Concen: 25.230 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025385.D

Acq: 10 Mar 2023 09:18

Tgt Ion: 95 Resp: 255935

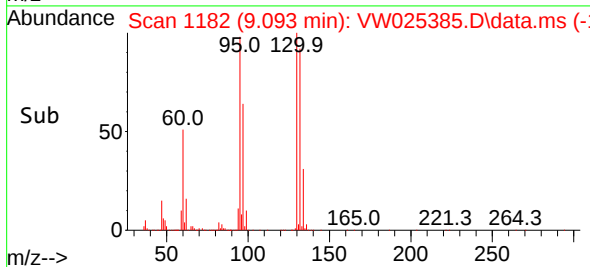
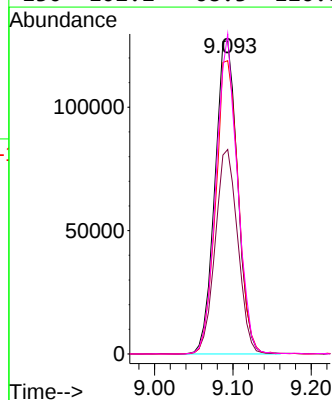
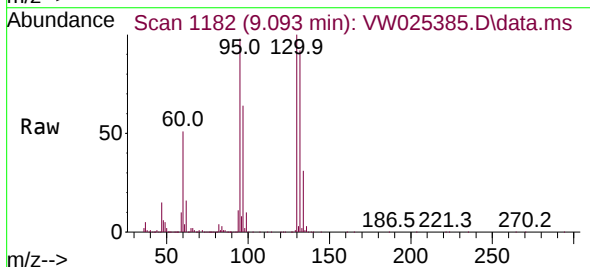
Ion Ratio Lower Upper

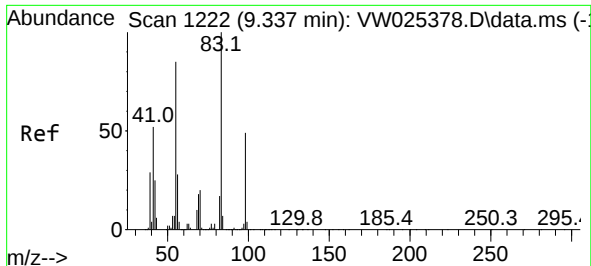
95 100

97 65.3 43.8 81.4

132 93.7 65.9 122.3

130 102.2 68.3 126.8

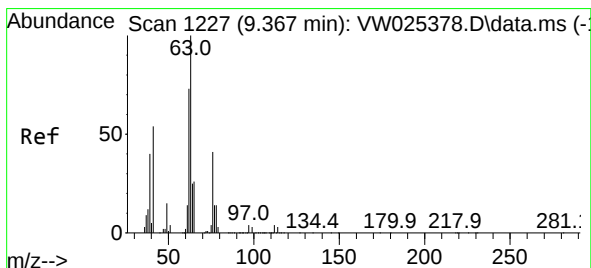
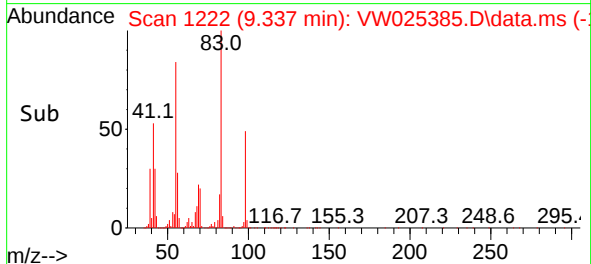
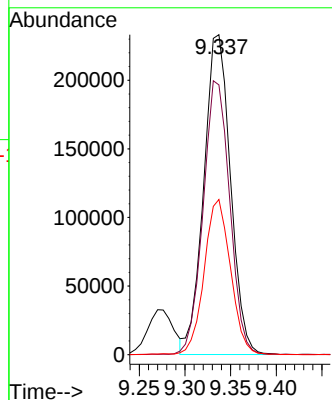
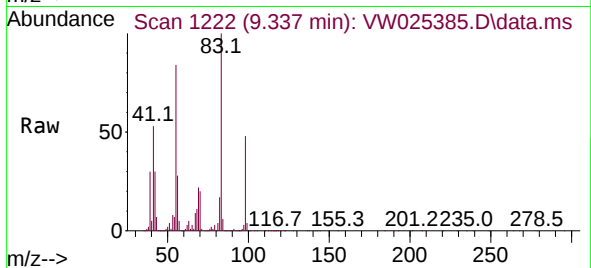




#35
Methylcyclohexane
Concen: 27.134 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

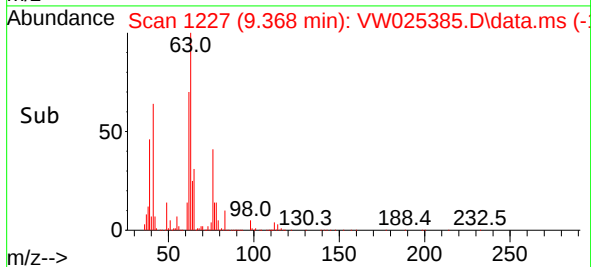
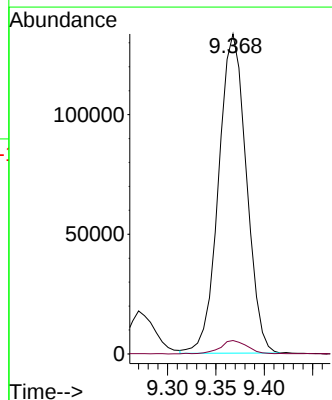
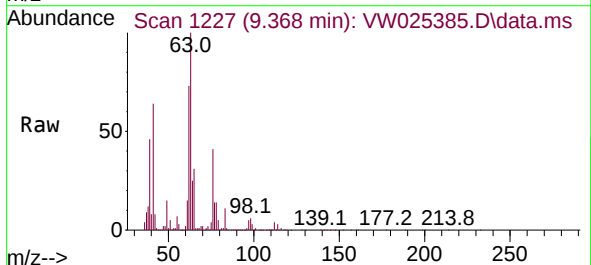
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

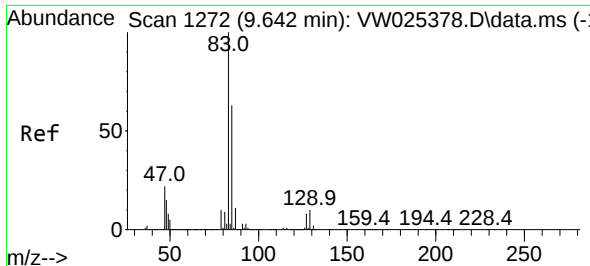
Tgt Ion: 83 Resp: 474160
Ion Ratio Lower Upper
83 100
55 85.2 68.2 102.4
98 47.4 39.0 58.4



#37
1,2-Dichloropropane
Concen: 25.034 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.001 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion: 63 Resp: 266326
Ion Ratio Lower Upper
63 100
112 4.1 3.2 4.8

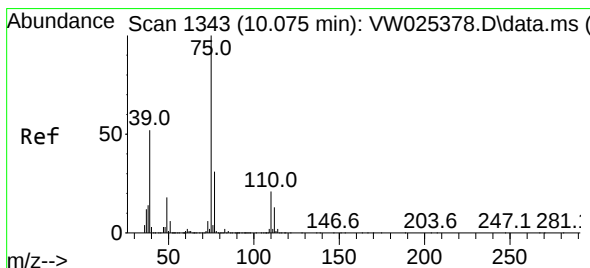
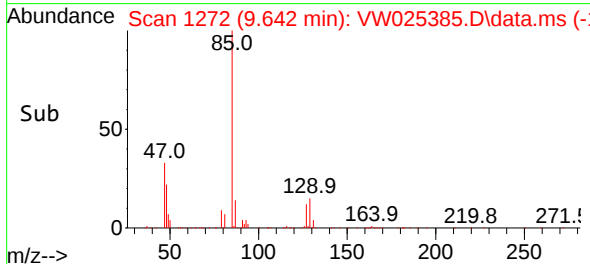
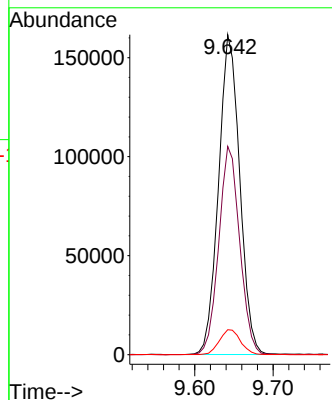
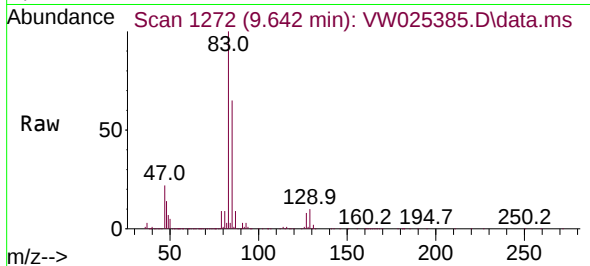




#38
Bromodichloromethane
Concen: 24.470 ug/L
RT: 9.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

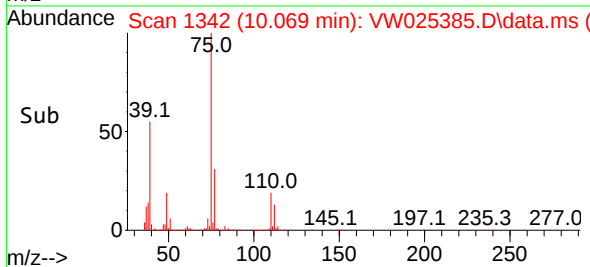
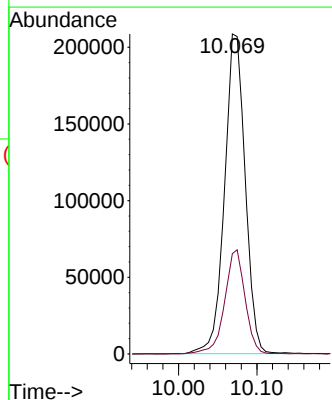
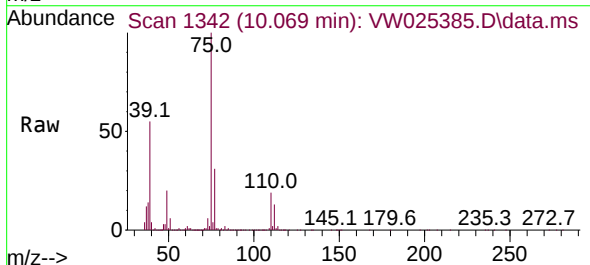
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

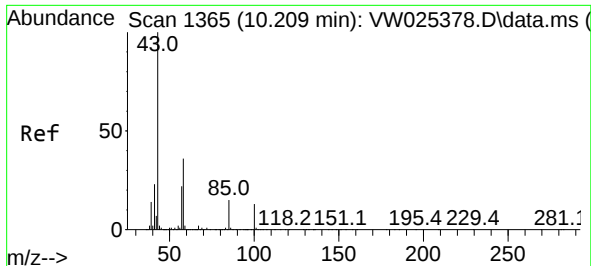
Tgt Ion: 83 Resp: 303603
Ion Ratio Lower Upper
83 100
85 65.1 44.7 83.1
127 7.8 6.1 9.1



#39
cis-1,3-Dichloropropene
Concen: 24.911 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion: 75 Resp: 381790
Ion Ratio Lower Upper
75 100
77 31.3 22.0 41.0

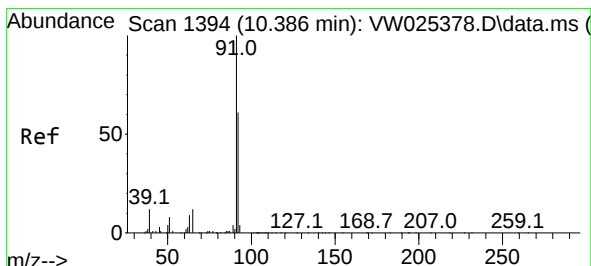
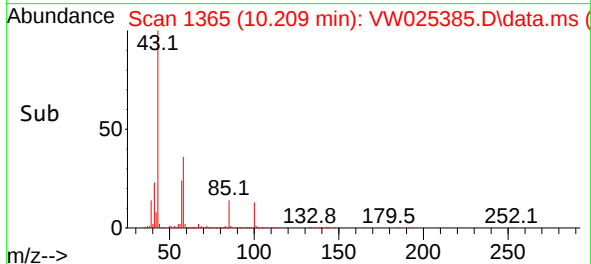
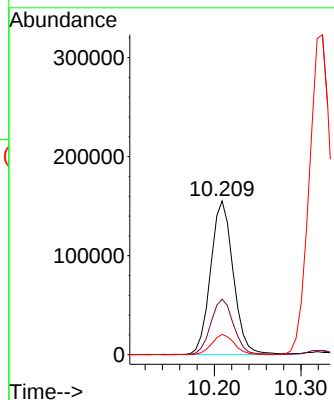
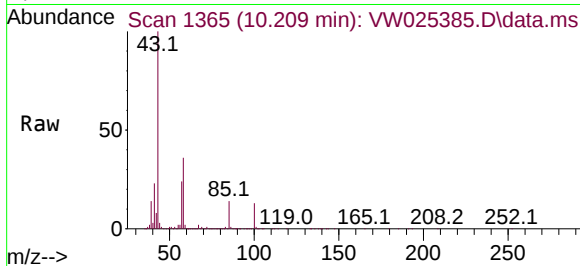




#40
4-Methyl-2-pentanone
Concen: 44.046 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

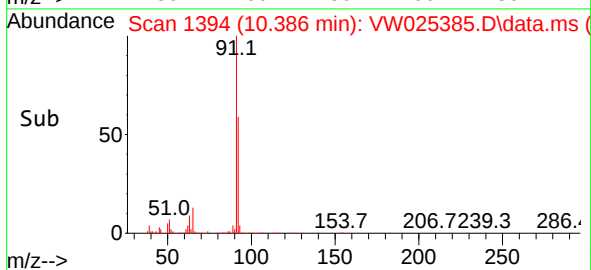
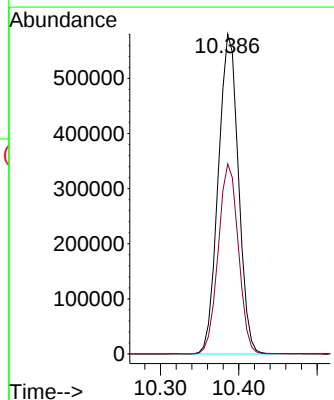
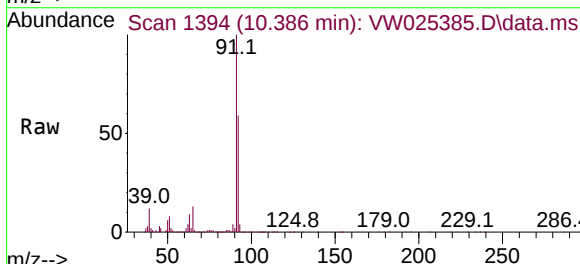
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

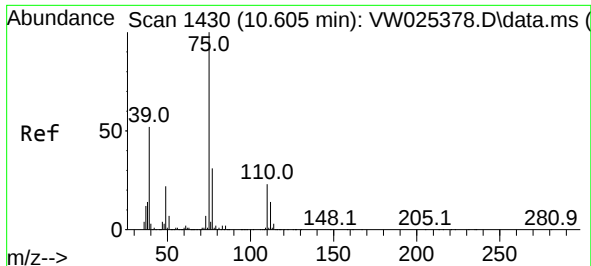
Tgt Ion: 43 Resp: 281636
Ion Ratio Lower Upper
43 100
58 36.1 29.6 44.4
100 13.2 10.6 16.0



#42
Toluene
Concen: 26.013 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion: 91 Resp: 1038040
Ion Ratio Lower Upper
91 100
92 59.4 41.6 77.3

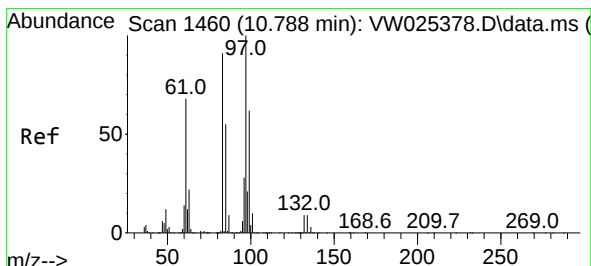
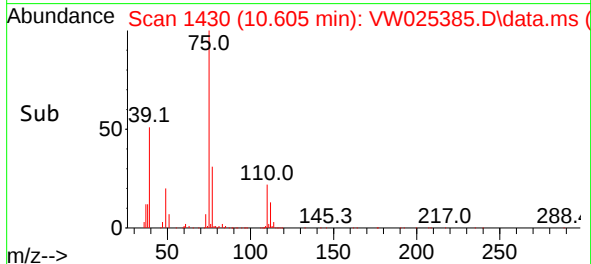
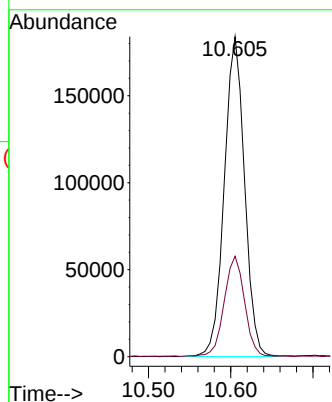
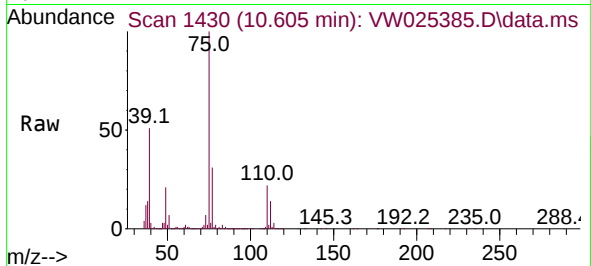




#44
trans-1,3-Dichloropropene
Concen: 24.578 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

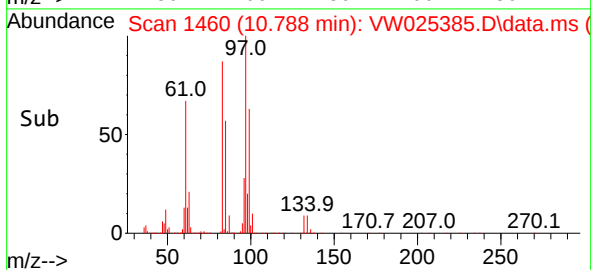
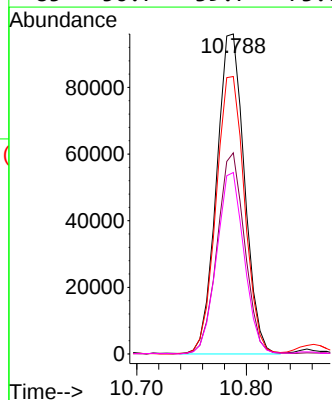
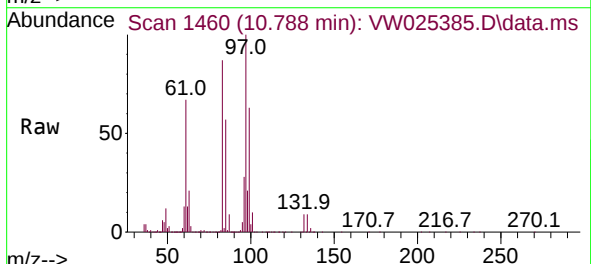
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

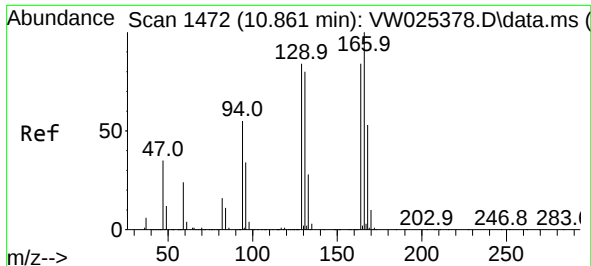
Tgt Ion: 75 Resp: 315462
Ion Ratio Lower Upper
75 100
77 31.4 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 23.830 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion: 97 Resp: 170253
Ion Ratio Lower Upper
97 100
99 62.9 42.6 79.0
83 86.7 60.5 112.3
85 56.7 39.7 73.7



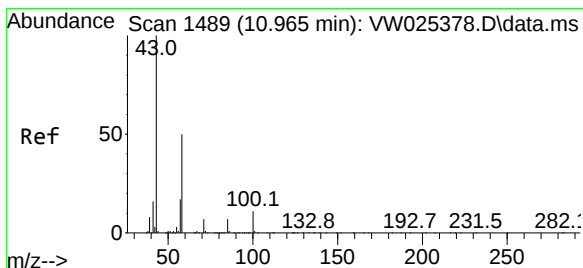
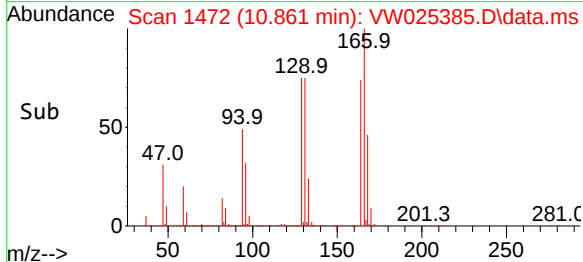
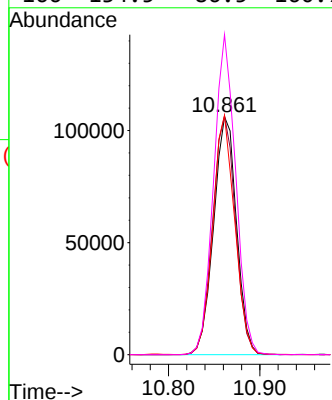
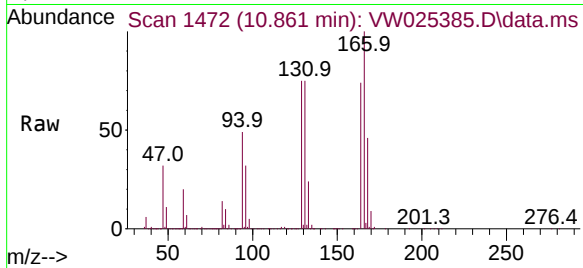


#46
Tetrachloroethene
Concen: 25.581 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

Tgt Ion:164 Resp: 184634

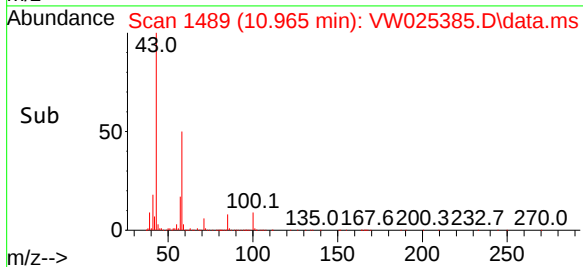
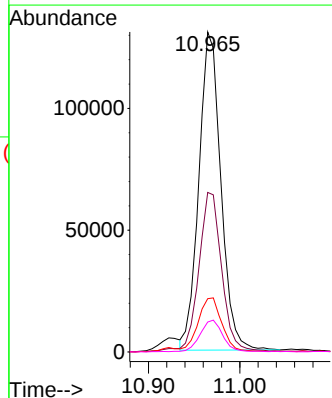
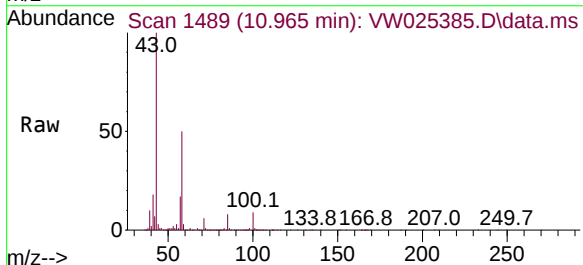
Ion	Ratio	Lower	Upper
164	100		
129	100.4	67.7	125.7
131	100.7	67.0	124.4
166	134.5	86.5	160.7

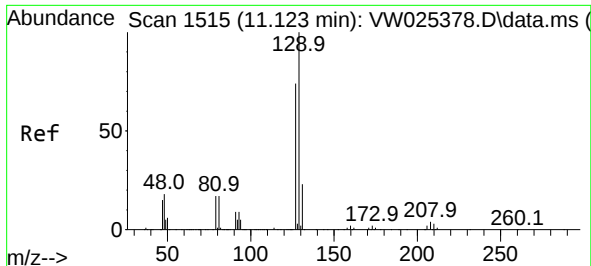


#48
2-Hexanone
Concen: 47.557 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion: 43 Resp: 218777

Ion	Ratio	Lower	Upper
43	100		
58	50.8	41.2	61.8
57	18.2	14.2	21.4
100	10.3	8.5	12.7





#49

Dibromochloromethane

Concen: 23.768 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW025385.D

Acq: 10 Mar 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :

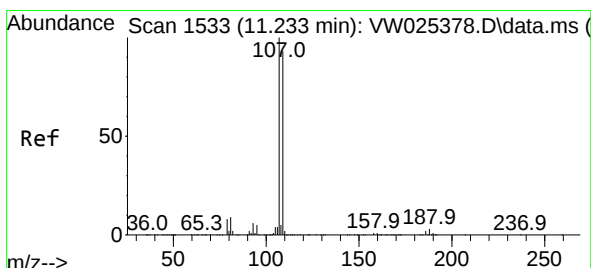
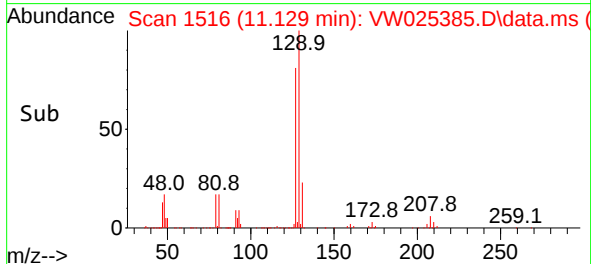
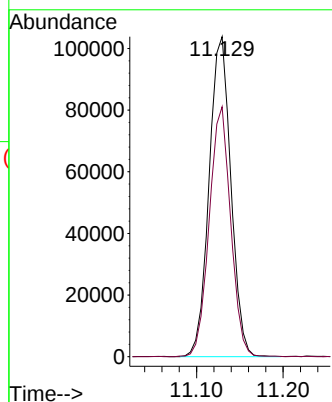
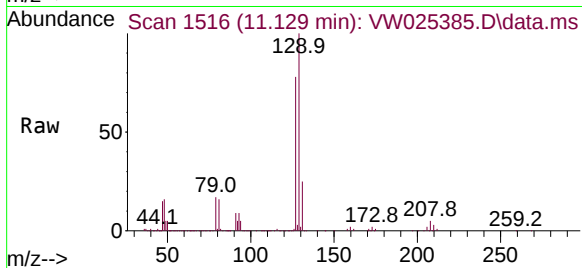
VSTD025548

Tgt Ion:129 Resp: 181442

Ion Ratio Lower Upper

129 100

127 78.1 52.8 98.2



#50

1,2-Dibromoethane

Concen: 23.286 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW025385.D

Acq: 10 Mar 2023 09:18

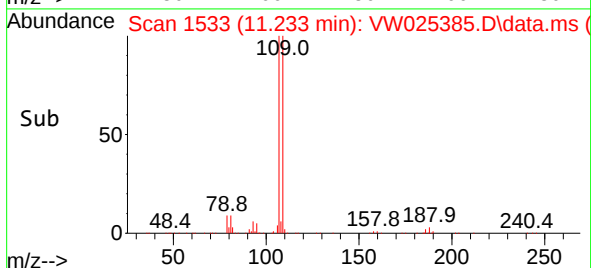
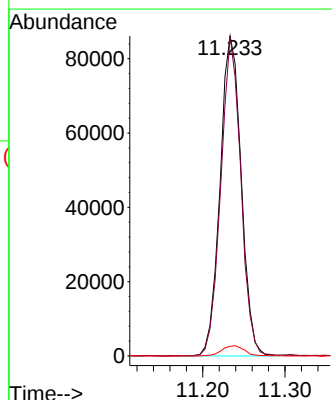
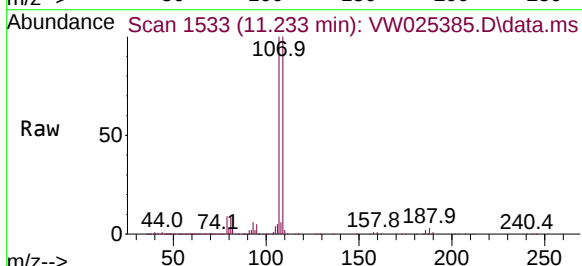
Tgt Ion:107 Resp: 153997

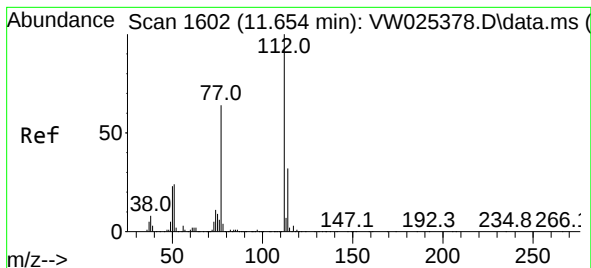
Ion Ratio Lower Upper

107 100

109 99.7 62.9 116.9

188 3.0 3.0 4.4





#51

Chlorobenzene

Concen: 24.985 ug/L

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025385.D

Acq: 10 Mar 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025548

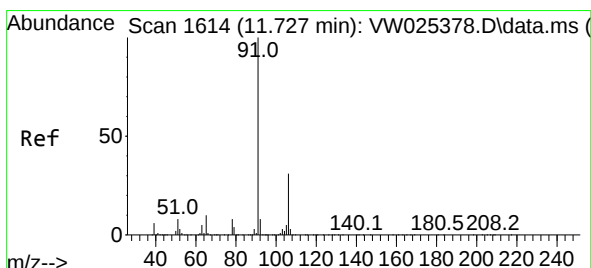
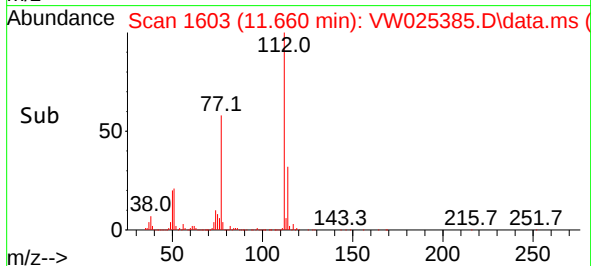
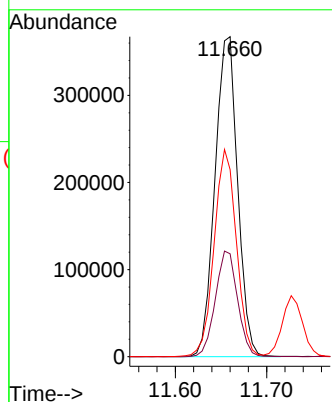
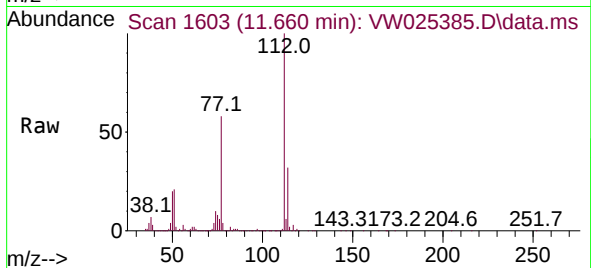
Tgt Ion:112 Resp: 632766

Ion Ratio Lower Upper

112 100

114 32.2 21.9 40.7

77 58.4 51.8 77.8



#52

Ethylbenzene

Concen: 25.978 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW025385.D

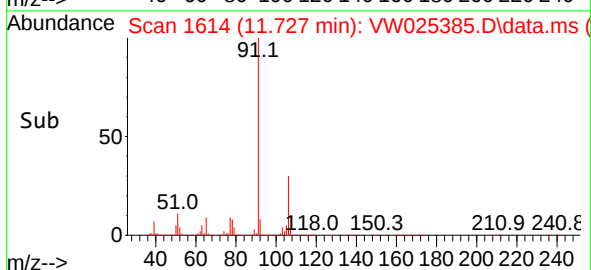
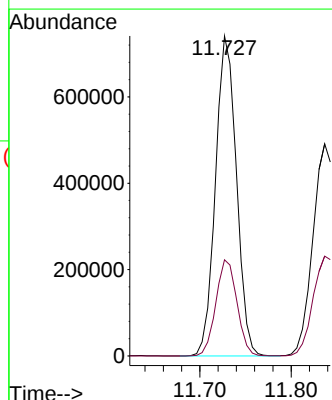
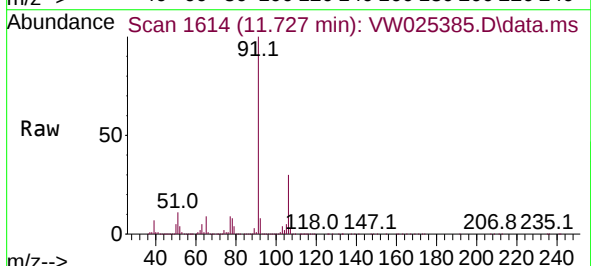
Acq: 10 Mar 2023 09:18

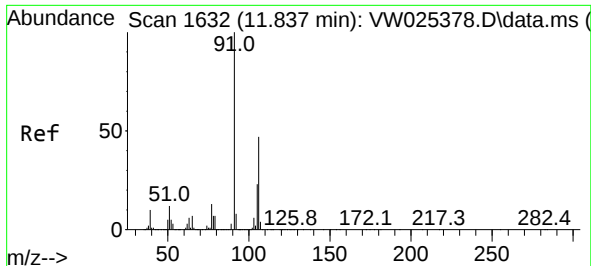
Tgt Ion: 91 Resp: 1182312

Ion Ratio Lower Upper

91 100

106 30.1 22.0 41.0

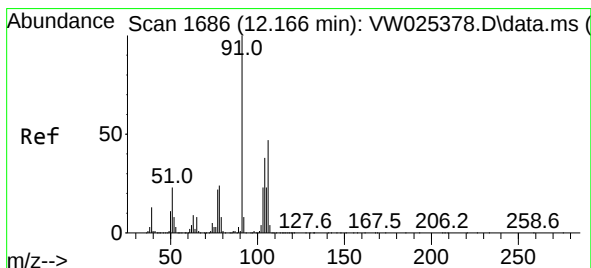
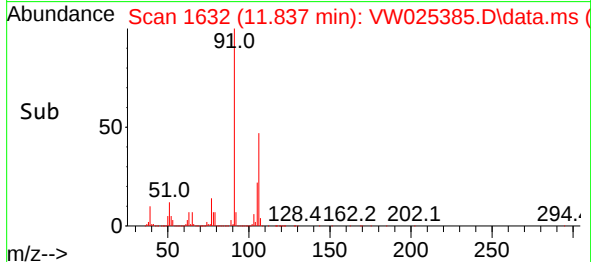
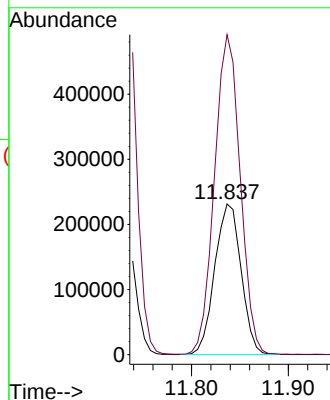
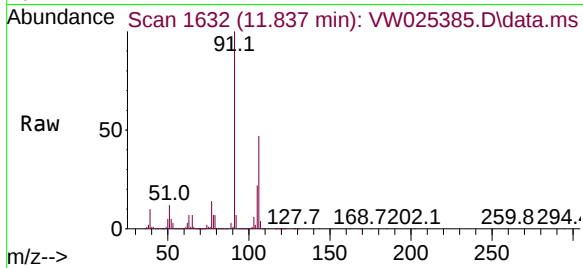




#53
m,p-Xylene
Concen: 25.984 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.001 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

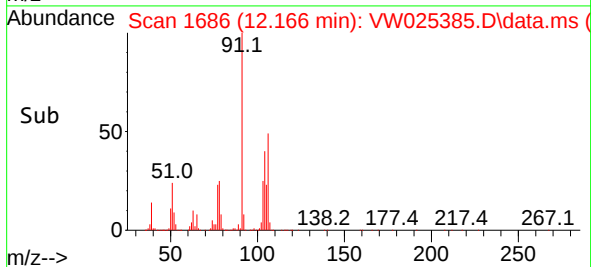
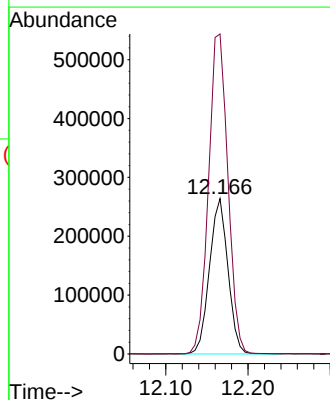
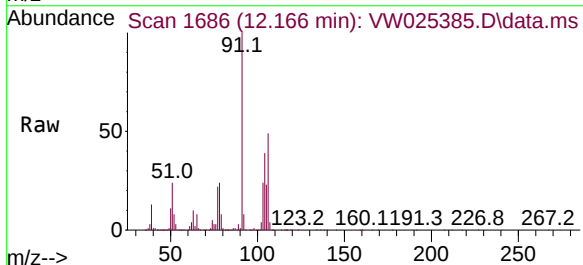
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

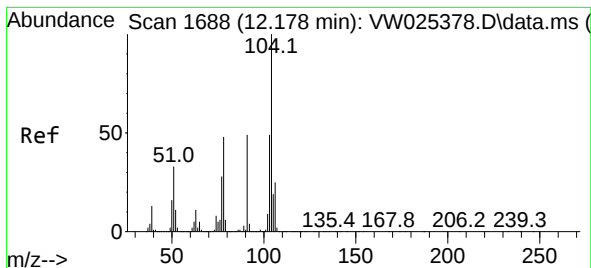
Tgt Ion:106 Resp: 436179
Ion Ratio Lower Upper
106 100
91 212.4 144.2 267.8



#54
o-Xylene
Concen: 26.044 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion:106 Resp: 411390
Ion Ratio Lower Upper
106 100
91 205.9 154.6 287.2





#55

Styrene

Concen: 26.137 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025385.D

Acq: 10 Mar 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :

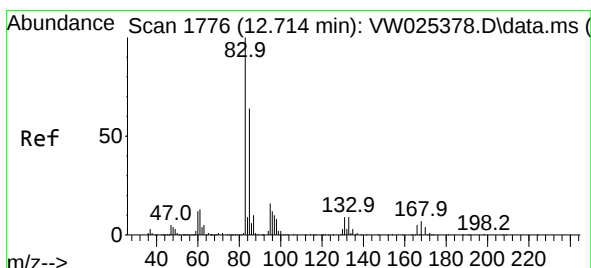
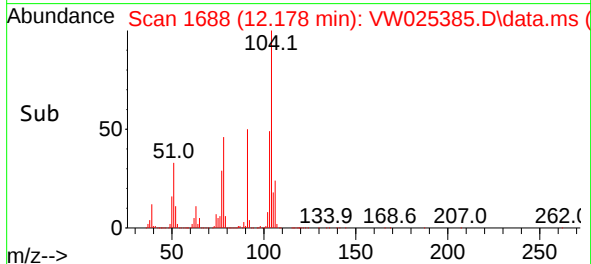
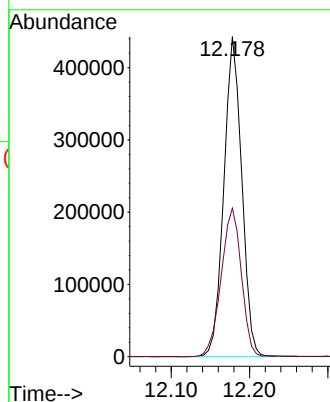
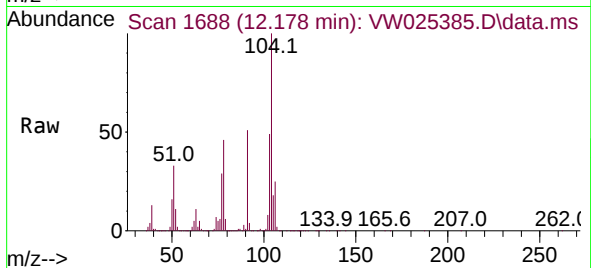
VSTD025548

Tgt Ion:104 Resp: 705039

Ion Ratio Lower Upper

104 100

78 46.4 31.1 57.9



#57

1,1,2,2-Tetrachloroethane

Concen: 22.205 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.001 min

Lab File: VW025385.D

Acq: 10 Mar 2023 09:18

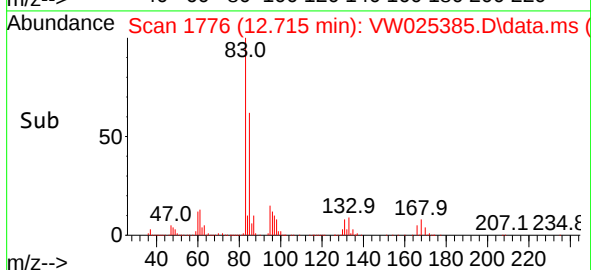
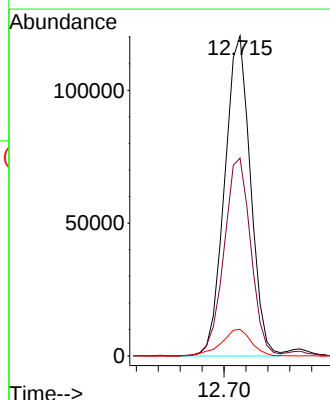
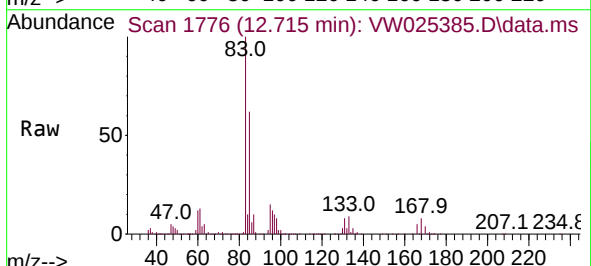
Tgt Ion: 83 Resp: 197338

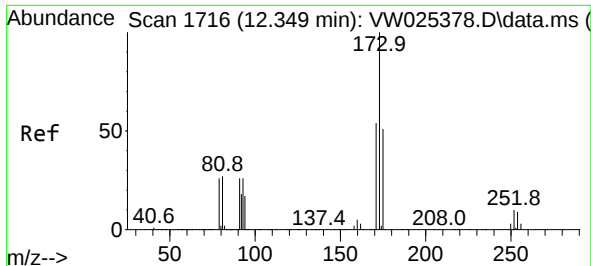
Ion Ratio Lower Upper

83 100

85 61.8 45.4 84.2

131 8.3 8.0 12.0

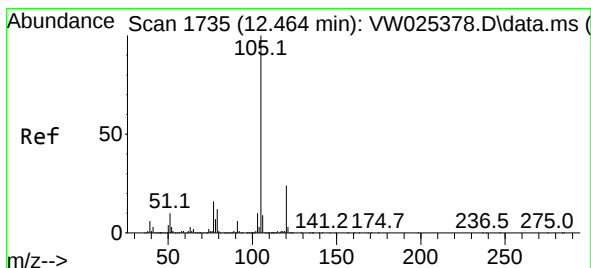
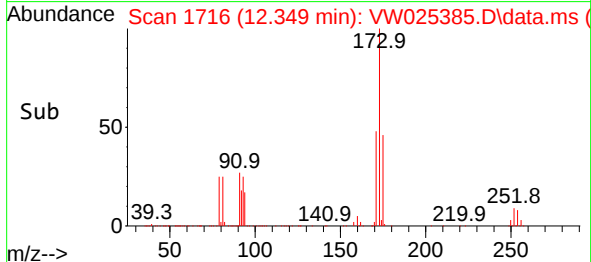
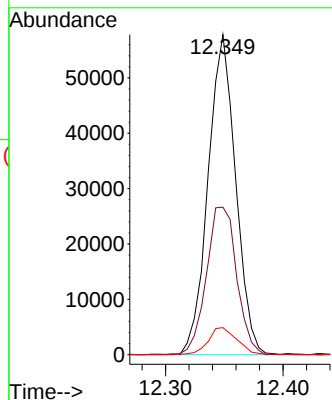
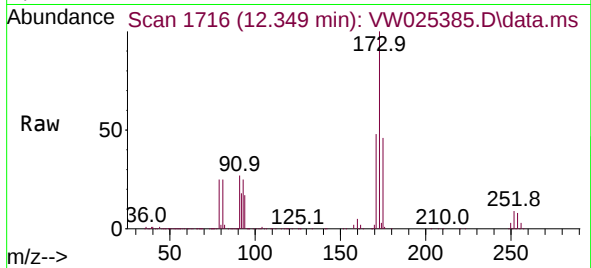




#59
Bromoform
Concen: 22.371 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

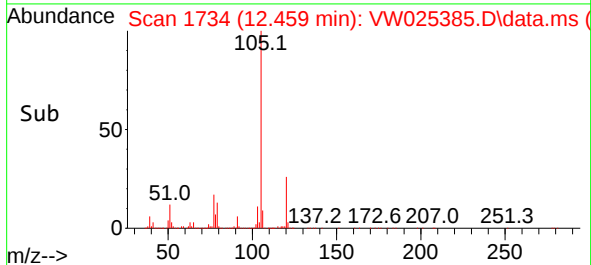
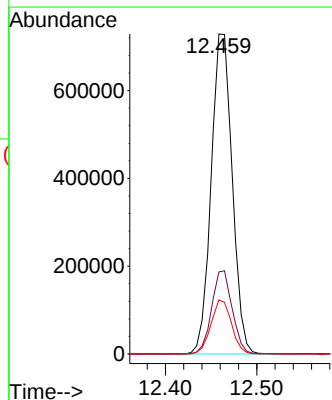
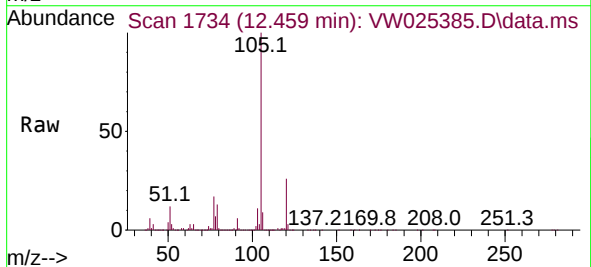
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

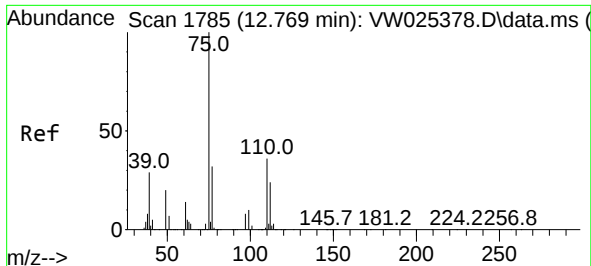
Tgt Ion:173 Resp: 94330
Ion Ratio Lower Upper
173 100
175 50.6 38.6 57.8
254 8.8 7.9 11.9



#60
Isopropylbenzene
Concen: 26.728 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.001 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion:105 Resp: 1164466
Ion Ratio Lower Upper
105 100
120 25.4 20.9 31.3
77 16.4 13.1 19.7

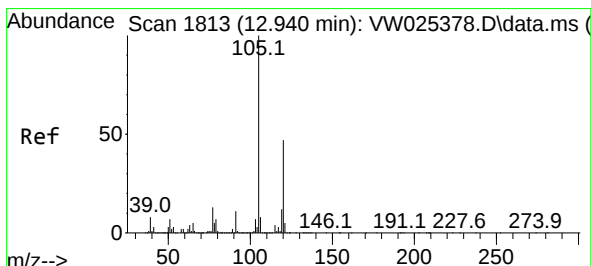
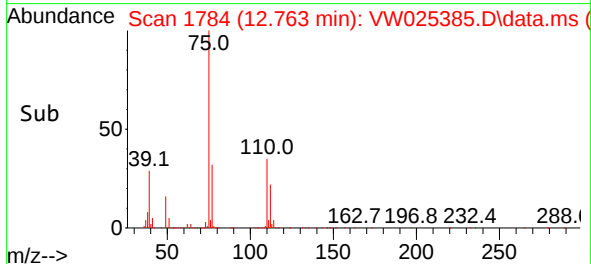
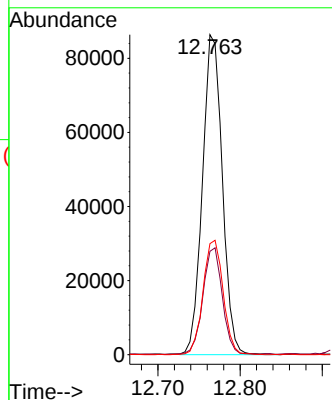
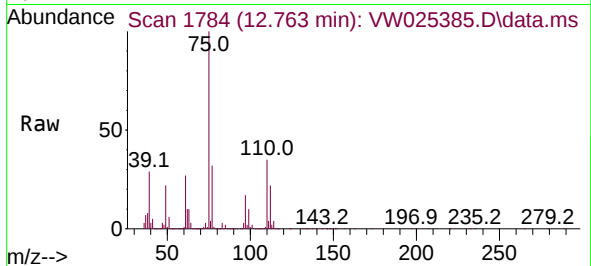




#61
 1,2,3-Trichloropropane
 Concen: 22.794 ug/L
 RT: 12.763 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW025385.D
 Acq: 10 Mar 2023 09:18

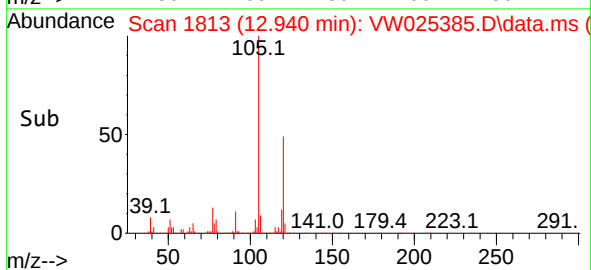
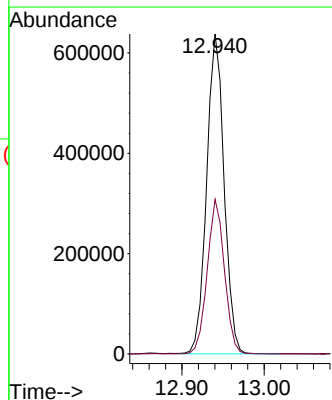
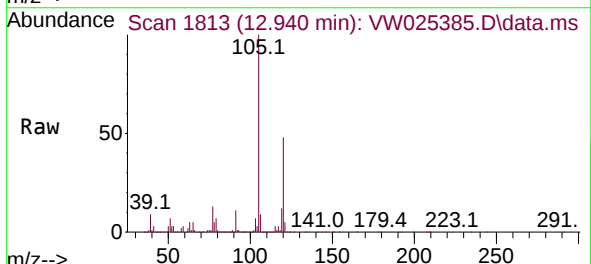
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548

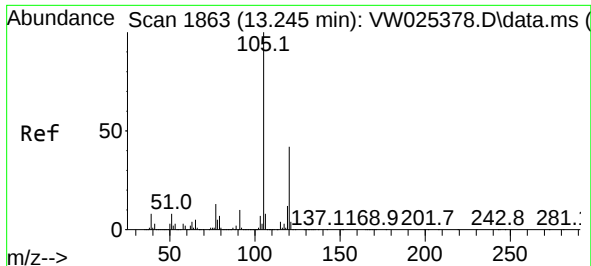
Tgt Ion: 75 Resp: 145143
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.2
 110 36.2 28.9 43.3



#62
 1,3,5-Trimethylbenzene
 Concen: 27.198 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW025385.D
 Acq: 10 Mar 2023 09:18

Tgt Ion: 105 Resp: 938486
 Ion Ratio Lower Upper
 105 100
 120 47.6 39.3 58.9

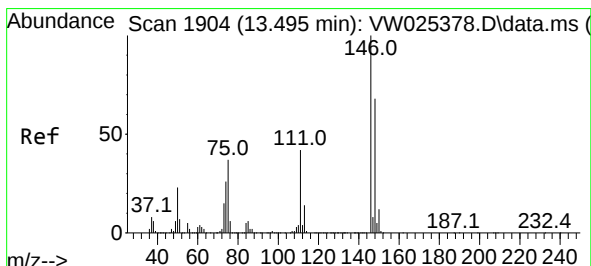
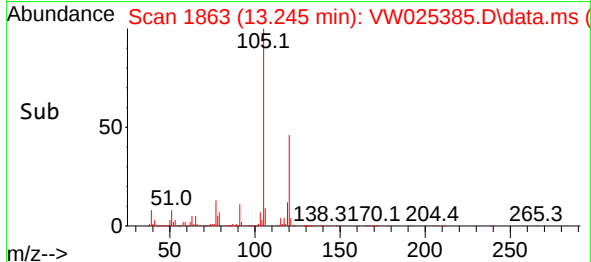
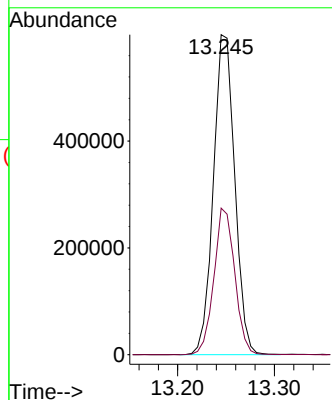
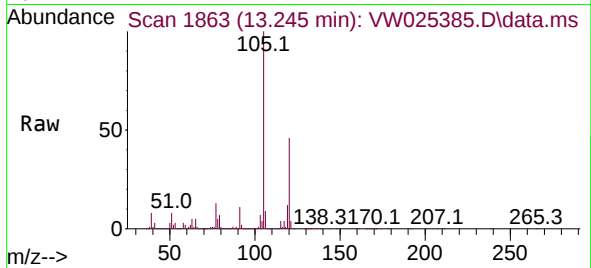




#63
1,2,4-Trimethylbenzene
Concen: 27.024 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

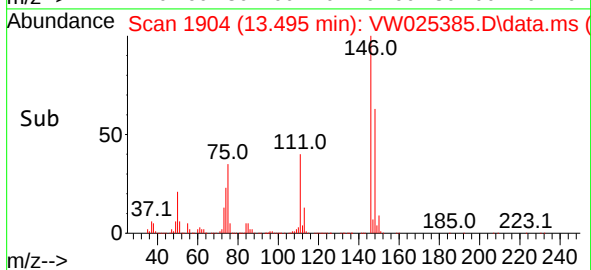
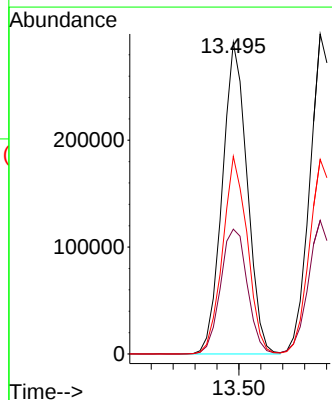
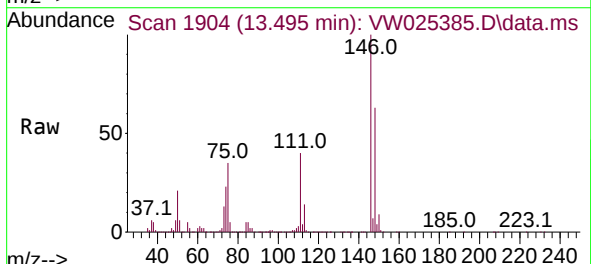
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

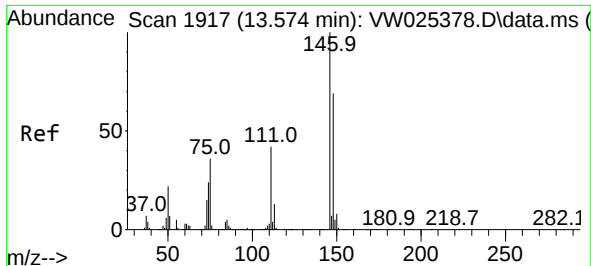
Tgt Ion:105 Resp: 918608
Ion Ratio Lower Upper
105 100
120 44.7 36.0 54.0



#64
1,3-Dichlorobenzene
Concen: 24.910 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion:146 Resp: 459873
Ion Ratio Lower Upper
146 100
111 40.1 29.7 55.1
148 63.5 44.2 82.2

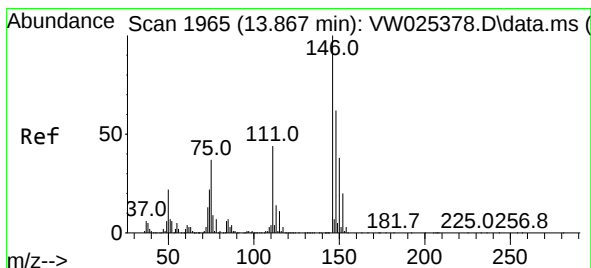
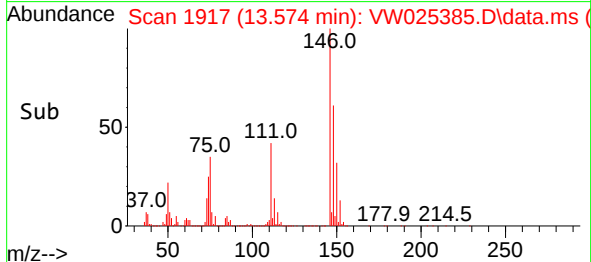
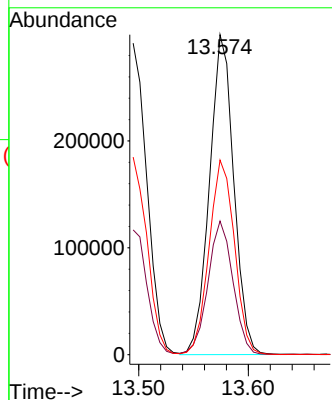
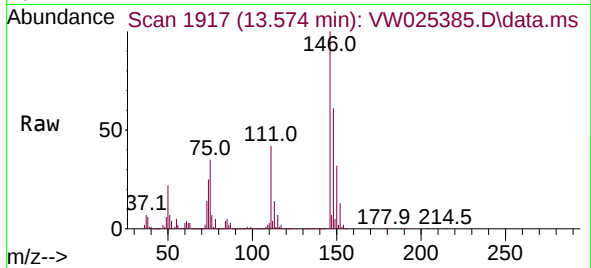




#65
1,4-Dichlorobenzene
Concen: 24.408 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

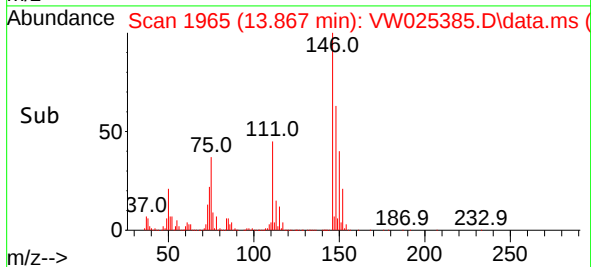
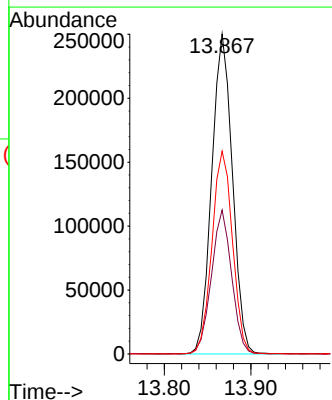
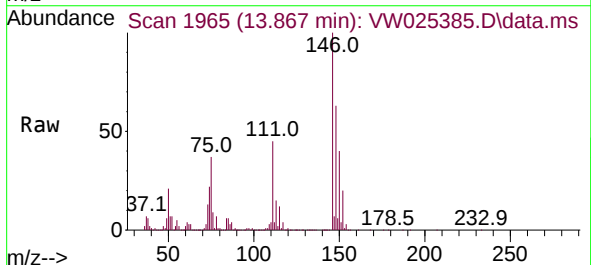
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

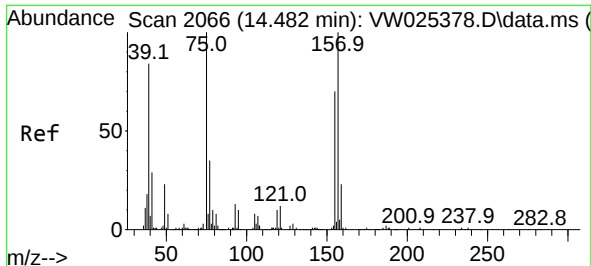
Tgt Ion:146 Resp: 462210
Ion Ratio Lower Upper
146 100
111 41.7 28.2 52.4
148 60.8 39.8 73.8



#67
1,2-Dichlorobenzene
Concen: 25.037 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025385.D
Acq: 10 Mar 2023 09:18

Tgt Ion:146 Resp: 414555
Ion Ratio Lower Upper
146 100
111 45.0 36.6 54.8
148 63.4 53.4 80.2





#68

1,2-Dibromo-3-chloropropane

Concen: 19.811 ug/L

RT: 14.476 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW025385.D

Acq: 10 Mar 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025548

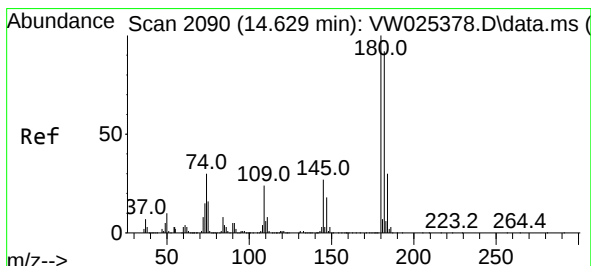
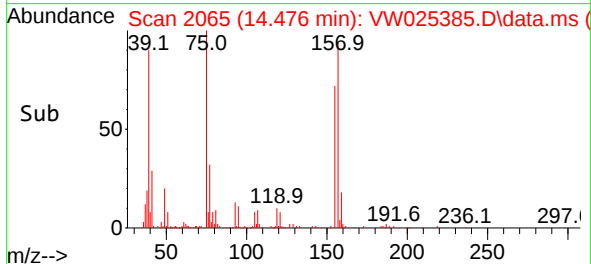
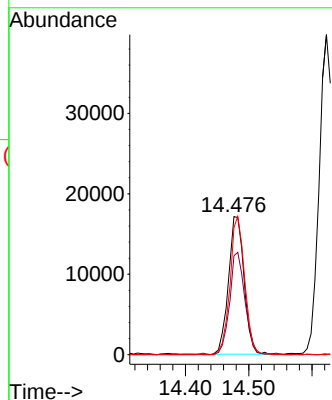
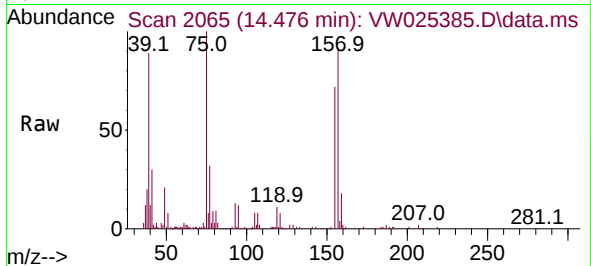
Tgt Ion: 75 Resp: 29204

Ion Ratio Lower Upper

75 100

155 71.6 55.4 83.0

157 92.0 75.3 112.9



#69

1,3,5-Trichlorobenzene

Concen: 25.148 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025385.D

Acq: 10 Mar 2023 09:18

Tgt Ion:180 Resp: 315593

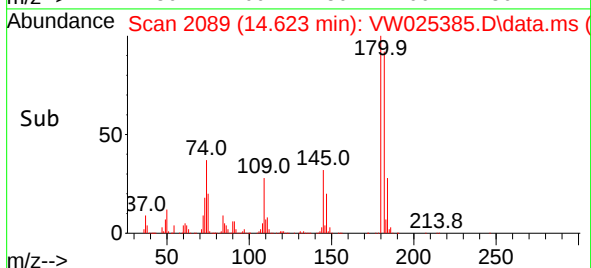
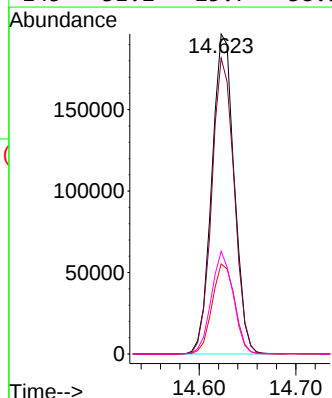
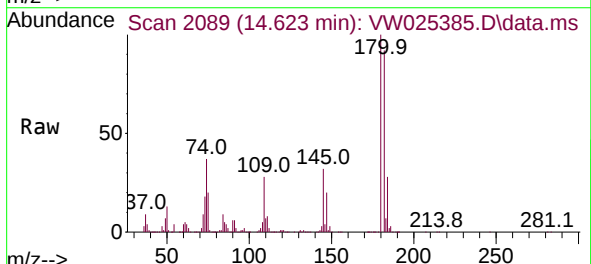
Ion Ratio Lower Upper

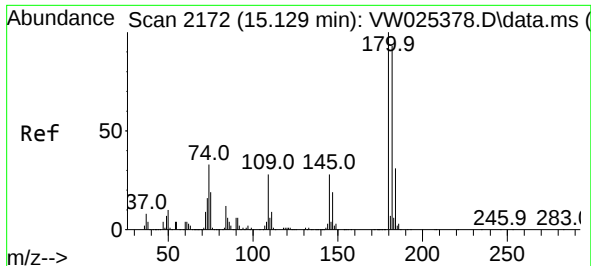
180 100

182 92.5 77.1 115.7

184 28.5 24.7 37.1

145 31.2 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 24.044 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025385.D

Acq: 10 Mar 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025548

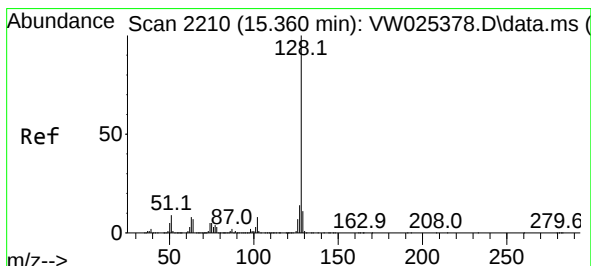
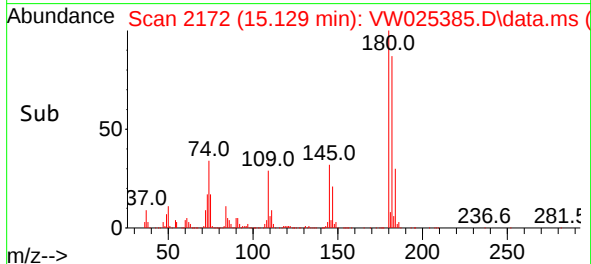
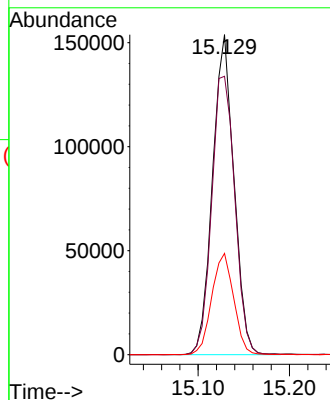
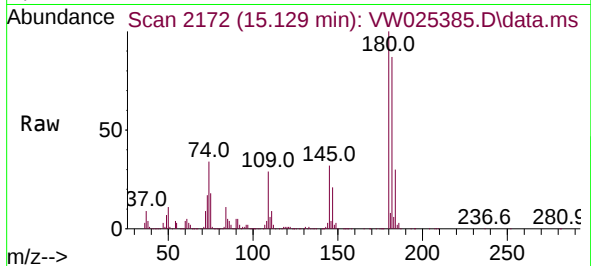
Tgt Ion:180 Resp: 250184

Ion Ratio Lower Upper

180 100

182 94.4 75.5 113.3

145 32.5 25.2 37.8



#71

Naphthalene

Concen: 23.088 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW025385.D

Acq: 10 Mar 2023 09:18

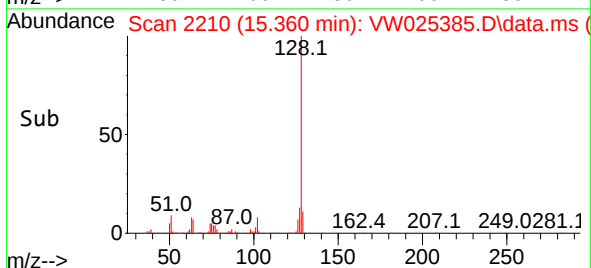
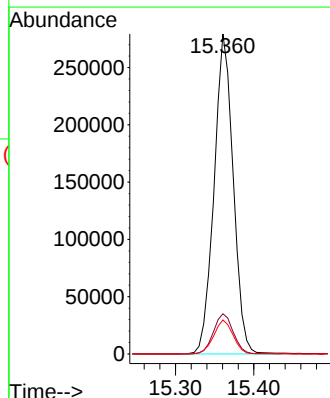
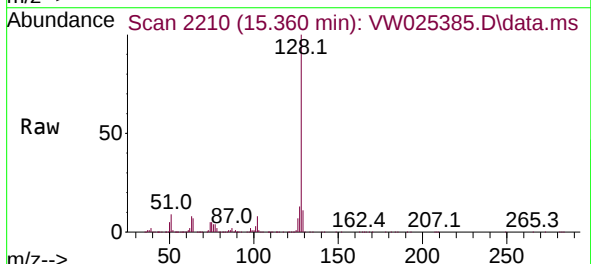
Tgt Ion:128 Resp: 474205

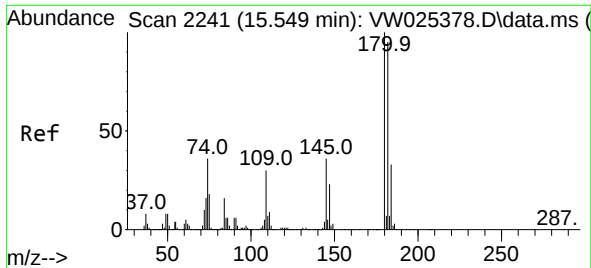
Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

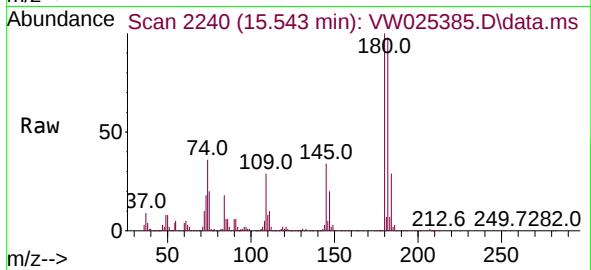
129 10.7 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 23.378 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW025385.D
 Acq: 10 Mar 2023 09:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548



Tgt Ion:180 Resp: 218482
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.6 114.8
 145 33.7 27.7 41.5

