

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031023\
 Data File : VW025389.D
 Acq On : 10 Mar 2023 13:46
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.04g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025549

Quant Time: Mar 10 23:30:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 10 23:28:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	746301	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	662405	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	324003	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	298392	24.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.200%
7) Chloroethane-d5	2.899	69	217089	24.314	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.240%
11) 1,1-Dichloroethene-d2	4.021	63	606266	25.296	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.200%
21) 2-Butanone-d5	7.075	46	141647	46.505	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.020%
24) Chloroform-d	7.648	84	555846	25.836	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.360%
26) 1,2-Dichloroethane-d4	8.307	65	289897	25.104	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	8.276	84	1140695	25.202	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	9.270	67	351435	25.099	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.400%
41) Toluene-d8	10.325	98	1026502	25.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.880%
43) trans-1,3-Dichloroprop...	10.575	79	134534	24.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.520%
47) 2-Hexanone-d5	10.922	63	93727	46.550	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	240861	23.480	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	298519	24.776	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	196235	23.008	ug/L #	88
3) Chloromethane	2.222	50	299712	29.547	ug/L	99
5) Vinyl chloride	2.375	62	331079	28.890	ug/L	99
6) Bromomethane	2.789	94	179082	29.311	ug/L	97
8) Chloroethane	2.936	64	191952	29.143	ug/L	97
9) Trichlorofluoromethane	3.265	101	252993	25.506	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	280340	29.144	ug/L	95
12) 1,1-Dichloroethene	4.045	96	262810	28.239	ug/L	94
13) Acetone	4.124	43	114911	39.246	ug/L	100
14) Carbon disulfide	4.387	76	868167	30.003	ug/L	99
15) Methyl Acetate	4.667	43	132177	24.064	ug/L	100
16) Methylene chloride	4.917	84	280562	26.998	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	281637	28.868	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	384079	26.150	ug/L	99
19) 1,1-Dichloroethane	6.216	63	574819	28.452	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	297724	27.873	ug/L #	91
22) 2-Butanone	7.167	43	162383	42.872	ug/L	100
23) Bromochloromethane	7.508	128	123806	26.953	ug/L	98
25) Chloroform	7.673	83	525417	27.665	ug/L	100

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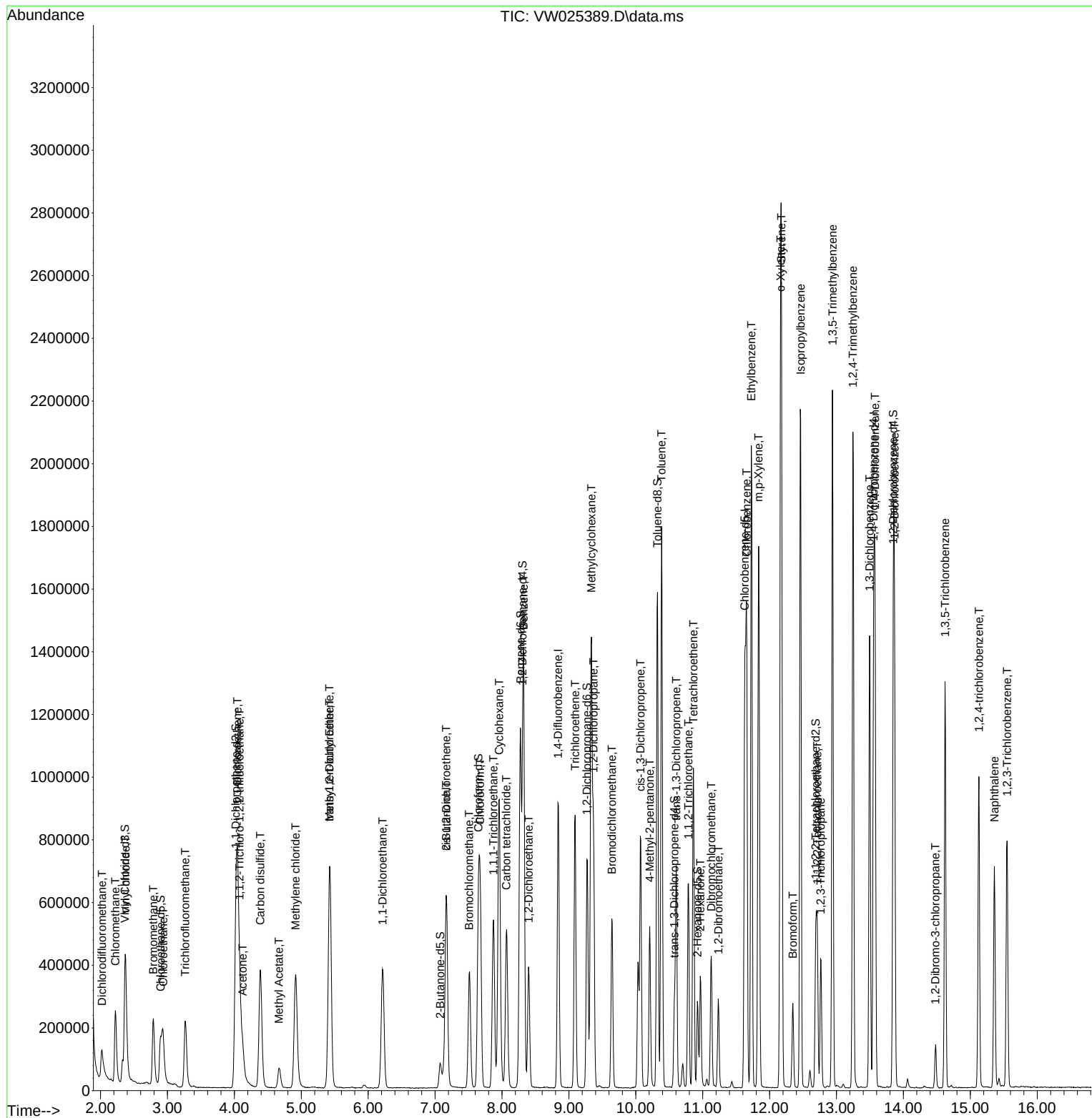
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	346182	27.314	ug/L	100
29) Cyclohexane	7.959	56	551843	29.514	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	428236	27.195	ug/L	100
31) Carbon tetrachloride	8.063	117	383368	27.160	ug/L	100
33) Benzene	8.325	78	1192675	28.162	ug/L	100
34) Trichloroethene	9.093	95	306912	27.611	ug/L	98
35) Methylcyclohexane	9.337	83	564020	29.456	ug/L	97
37) 1,2-Dichloropropane	9.367	63	320545	27.497	ug/L	100
38) Bromodichloromethane	9.642	83	364739	26.828	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	462306	27.528	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	347656	49.619	ug/L	99
42) Toluene	10.386	91	1244276	28.456	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	377361	26.831	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	202470	25.862	ug/L	97
46) Tetrachloroethene	10.861	164	216696	27.399	ug/L	99
48) 2-Hexanone	10.965	43	236277	46.872	ug/L	99
49) Dibromochloromethane	11.129	129	217414	25.991	ug/L	98
50) 1,2-Dibromoethane	11.233	107	184677	25.485	ug/L	98
51) Chlorobenzene	11.654	112	745469	26.862	ug/L	99
52) Ethylbenzene	11.727	91	1406822	28.209	ug/L	97
53) m,p-Xylene	11.836	106	521917	28.375	ug/L	99
54) o-Xylene	12.166	106	493485	28.511	ug/L	96
55) Styrene	12.178	104	837513	28.335	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	244008	25.057	ug/L	97
59) Bromoform	12.349	173	115641	24.738	ug/L	97
60) Isopropylbenzene	12.464	105	1383944	28.653	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	172406	24.423	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1125943	29.434	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1084816	28.787	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	562720	27.495	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	542549	25.844	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	480199	26.160	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	36434	22.294	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.623	180	360356	25.902	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	292929	25.394	ug/L	99
71) Naphthalene	15.360	128	568236	24.956	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	249678	24.098	ug/L	99

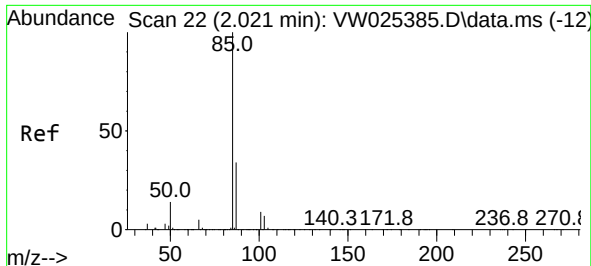
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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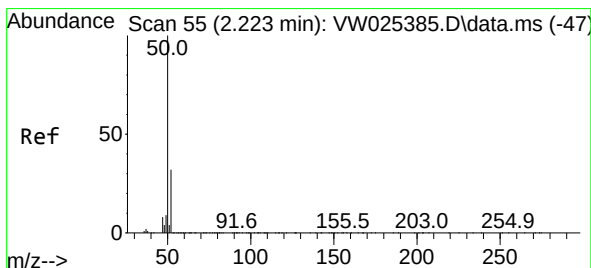
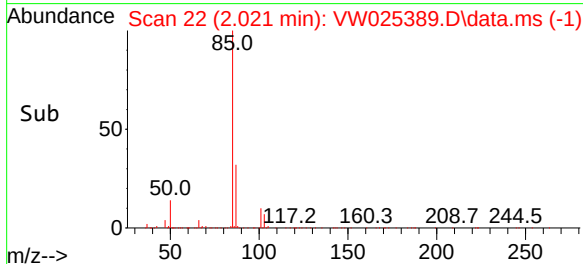
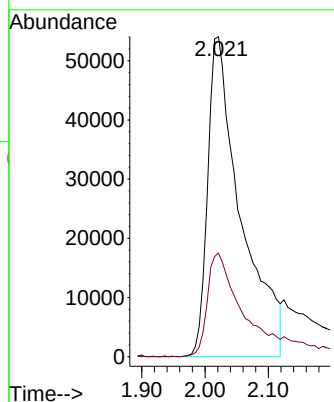
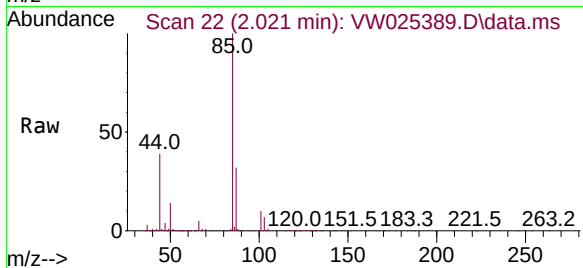




#2
 Dichlorodifluoromethane
 Concen: 23.008 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025389.D
 Acq: 10 Mar 2023 13:46

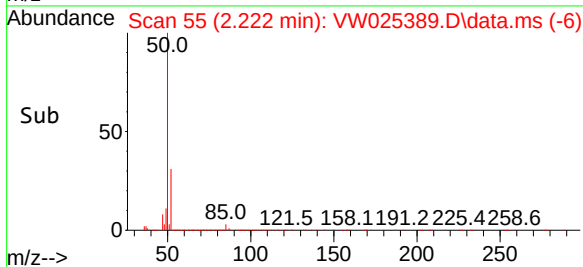
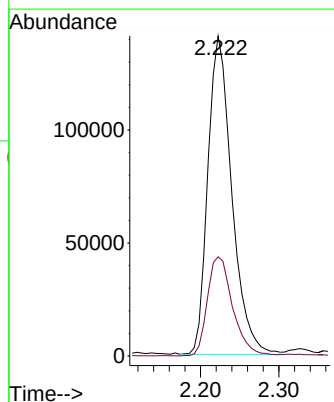
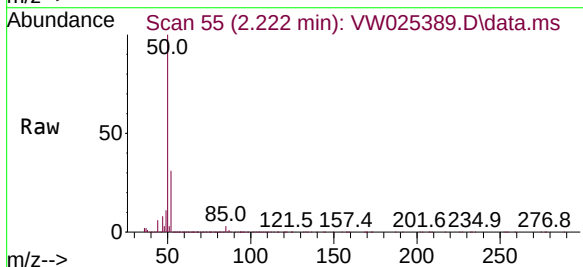
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 ClientSampleId :
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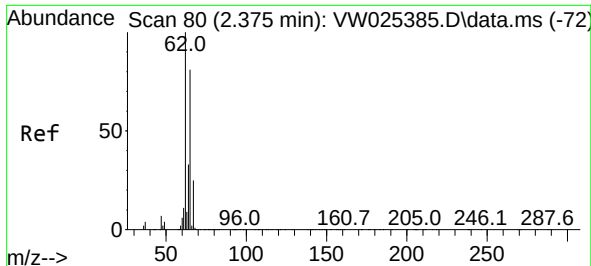
Tgt Ion: 85 Resp: 196235
 Ion Ratio Lower Upper
 85 100
 87 31.6 20.5 30.7#



#3
 Chloromethane
 Concen: 29.547 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025389.D
 Acq: 10 Mar 2023 13:46

Tgt Ion: 50 Resp: 299712
 Ion Ratio Lower Upper
 50 100
 52 31.0 21.9 40.7

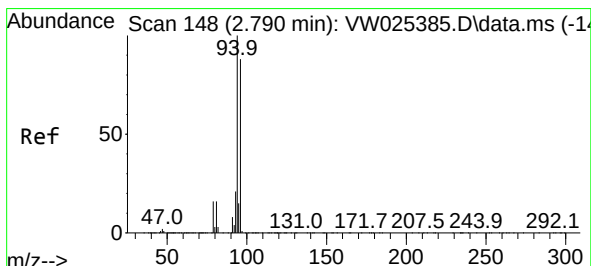
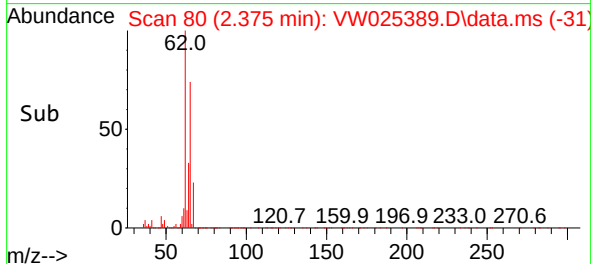
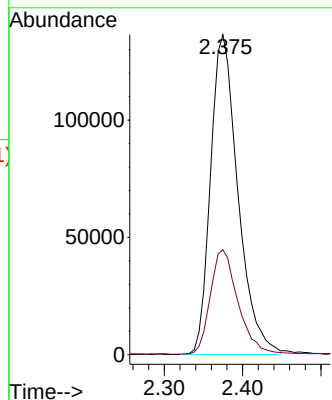
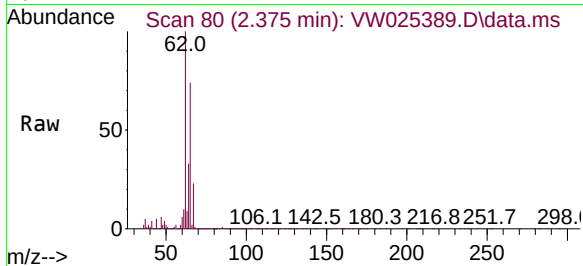




#5
 Vinyl chloride
 Concen: 28.890 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025389.D
 Acq: 10 Mar 2023 13:46

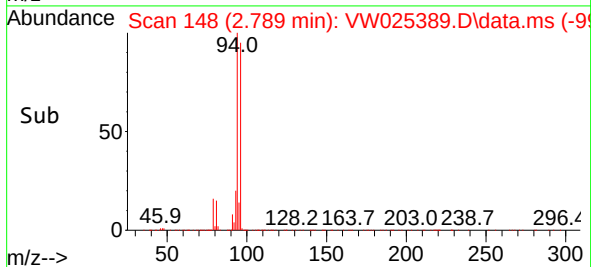
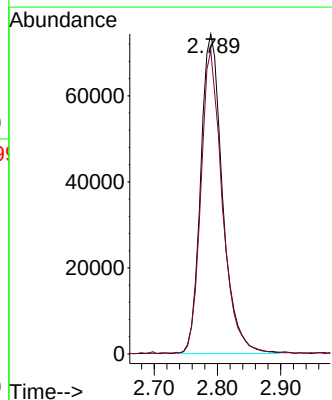
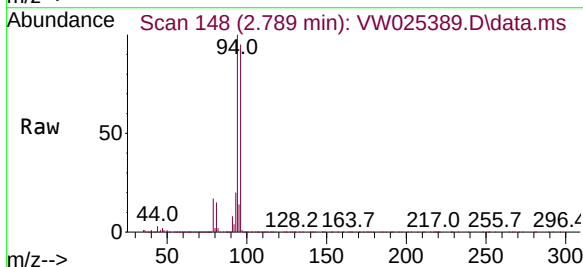
Instrument :
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 ClientSampleId :
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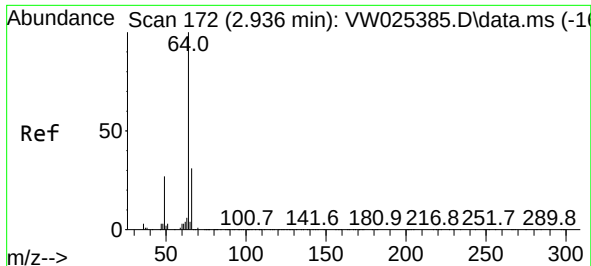
Tgt Ion: 62 Resp: 331079
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.6



#6
 Bromomethane
 Concen: 29.311 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025389.D
 Acq: 10 Mar 2023 13:46

Tgt Ion: 94 Resp: 179082
 Ion Ratio Lower Upper
 94 100
 96 94.7 64.5 119.9

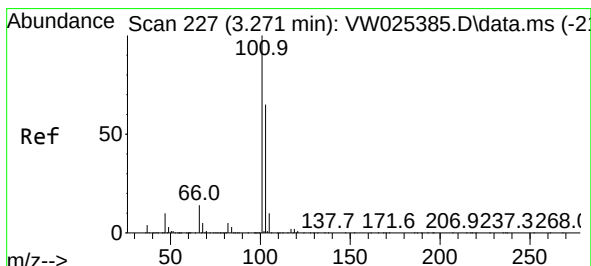
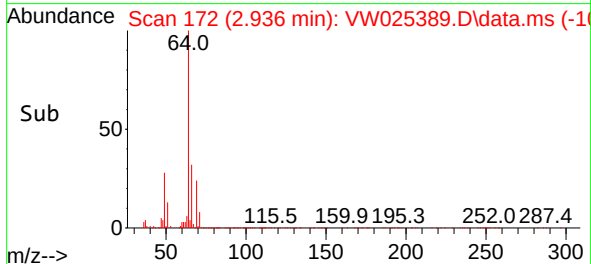
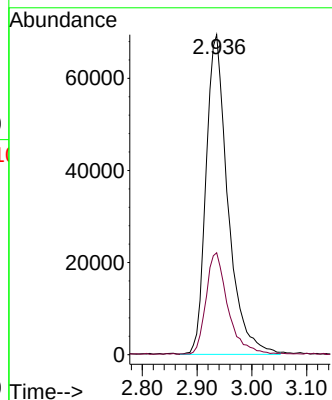
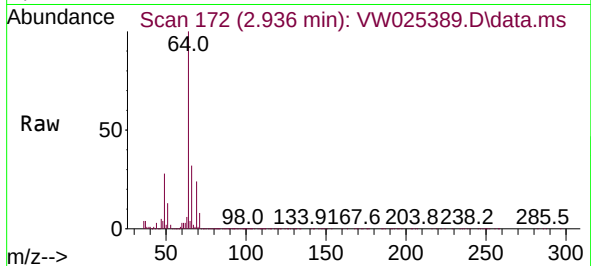




#8
Chloroethane
Concen: 29.143 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

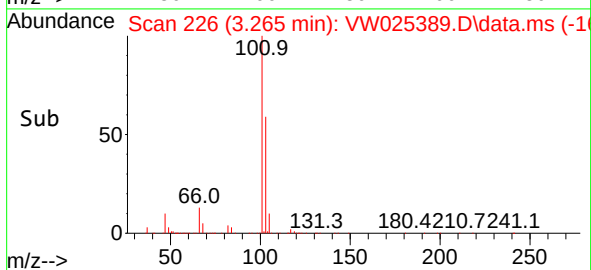
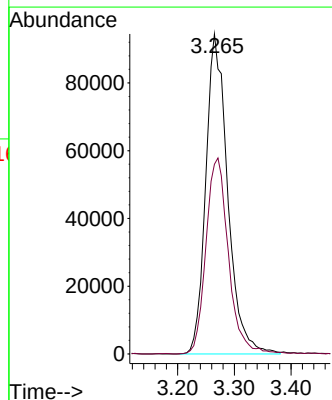
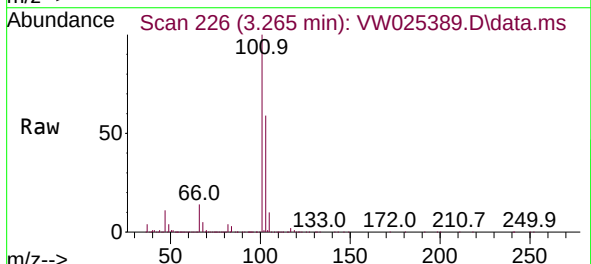
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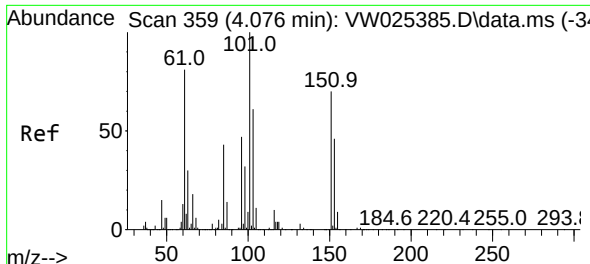
Tgt Ion: 64 Resp: 191952
Ion Ratio Lower Upper
64 100
66 31.9 23.3 43.3



#9
Trichlorofluoromethane
Concen: 25.506 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

Tgt Ion: 101 Resp: 252993
Ion Ratio Lower Upper
101 100
103 62.1 51.5 77.3

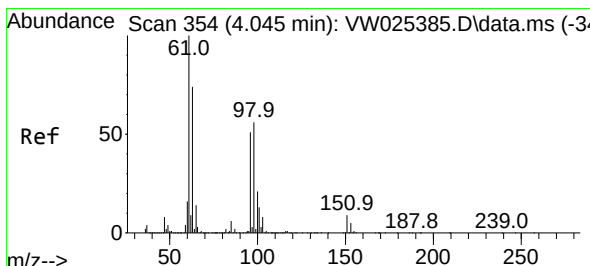
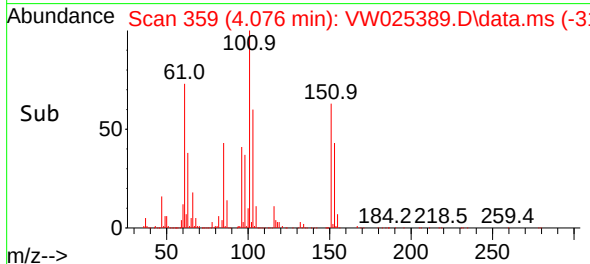
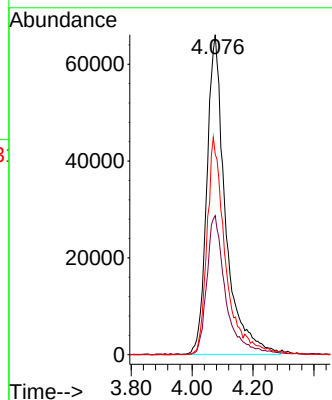
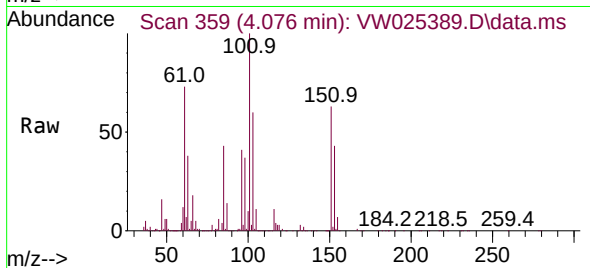




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.144 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW025389.D
 Acq: 10 Mar 2023 13:46

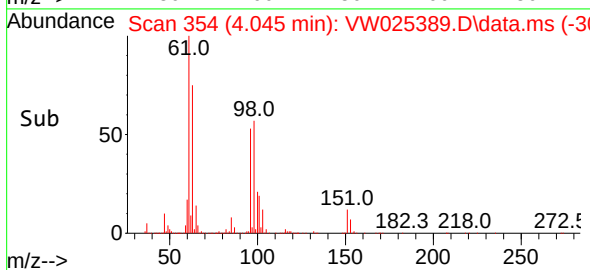
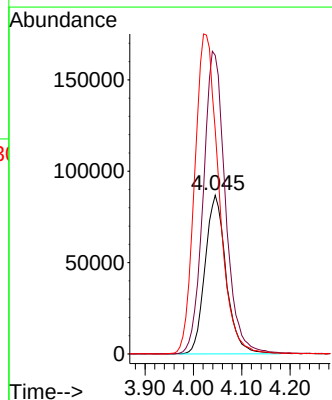
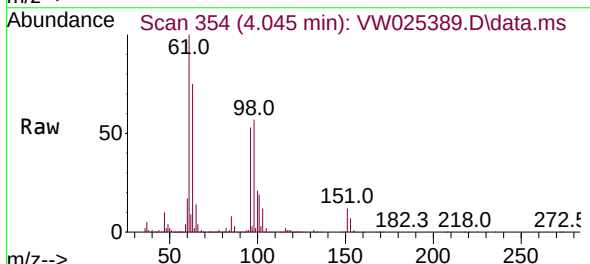
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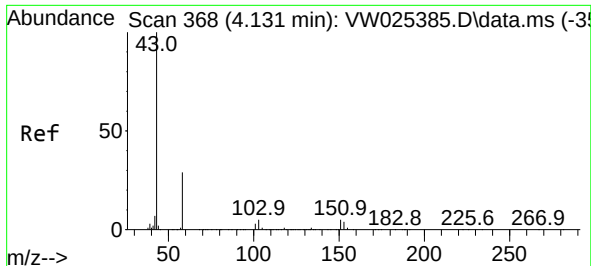
Tgt Ion:101 Resp: 280340
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.8 53.8
 151 63.0 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 28.239 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025389.D
 Acq: 10 Mar 2023 13:46

Tgt Ion: 96 Resp: 262810
 Ion Ratio Lower Upper
 96 100
 61 188.1 130.7 242.7
 63 141.0 88.3 164.1

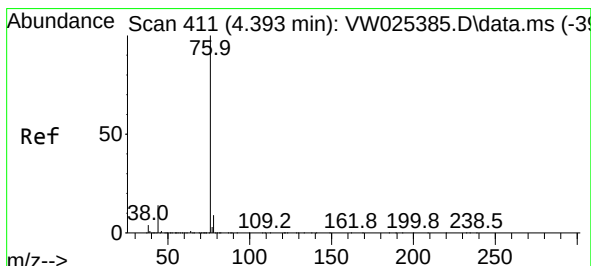
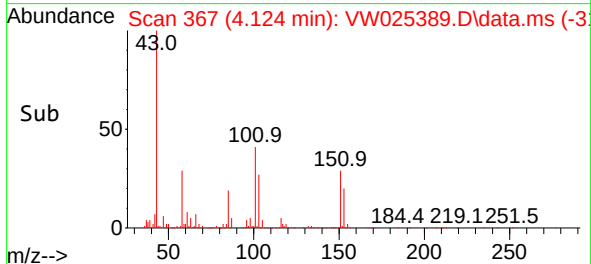
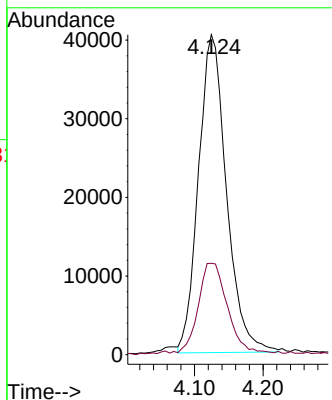
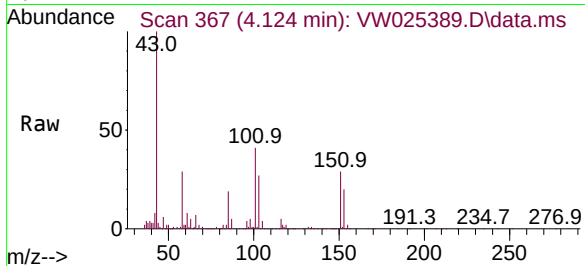




#13
Acetone
Concen: 39.246 ug/L
RT: 4.124 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW025389.D
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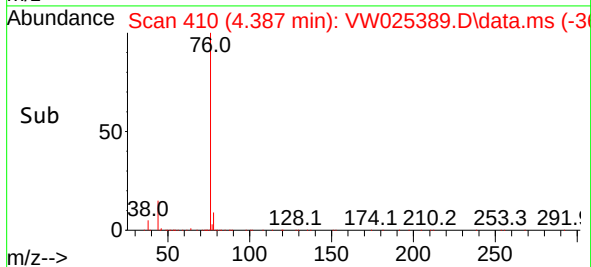
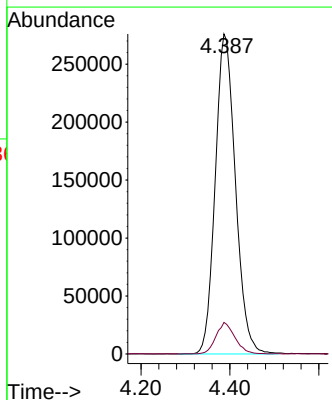
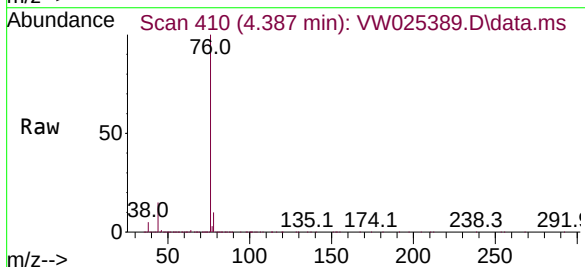
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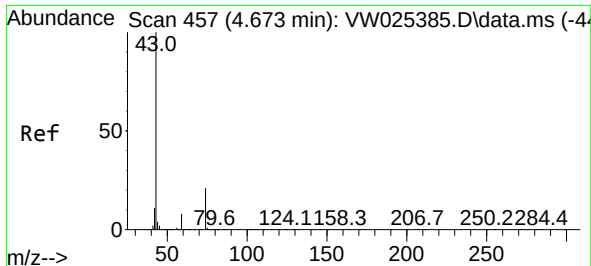
Tgt Ion: 43 Resp: 114911
Ion Ratio Lower Upper
43 100
58 29.9 0.0 60.0



#14
Carbon disulfide
Concen: 30.003 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 868167
Ion Ratio Lower Upper
76 100
78 9.9 7.6 11.4

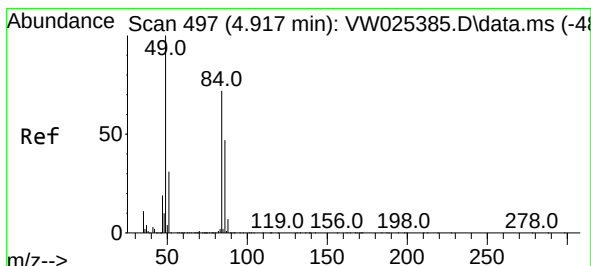
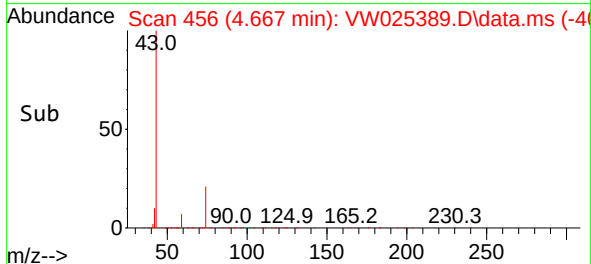
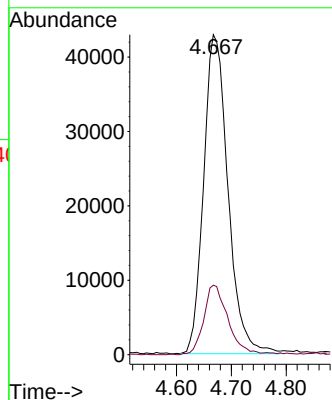
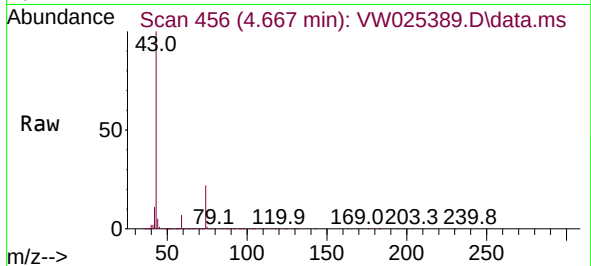




#15
Methyl Acetate
Concen: 24.064 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

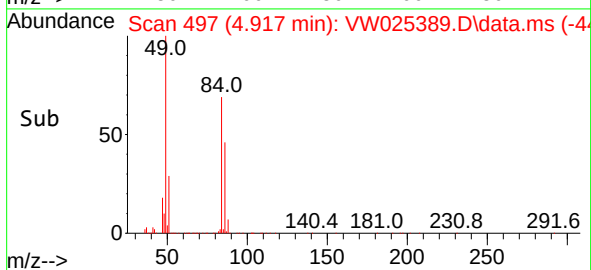
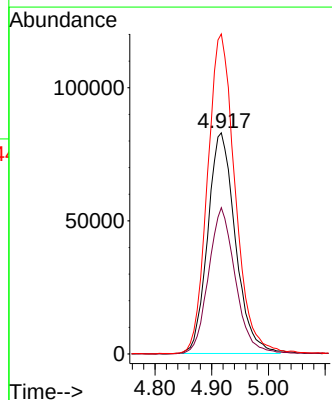
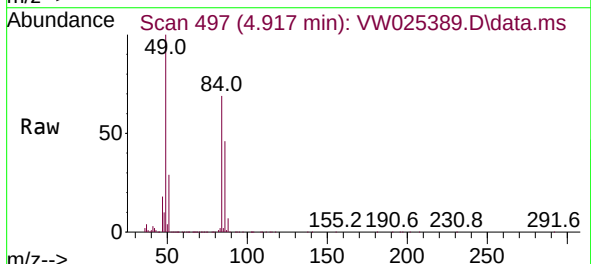
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

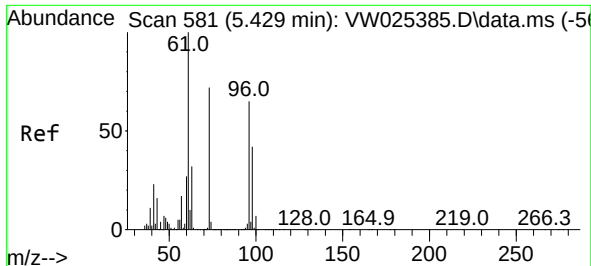
Tgt Ion: 43 Resp: 132177
Ion Ratio Lower Upper
43 100
74 21.2 17.0 25.4



#16
Methylene chloride
Concen: 26.998 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

Tgt Ion: 84 Resp: 280562
Ion Ratio Lower Upper
84 100
86 66.1 45.1 83.7
49 144.7 94.7 175.9

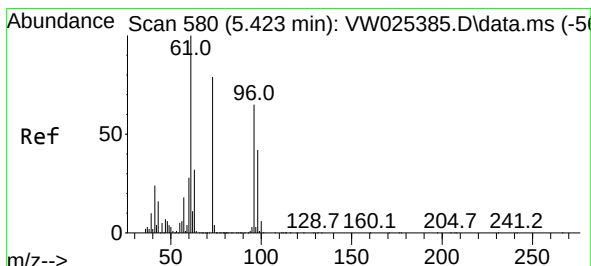
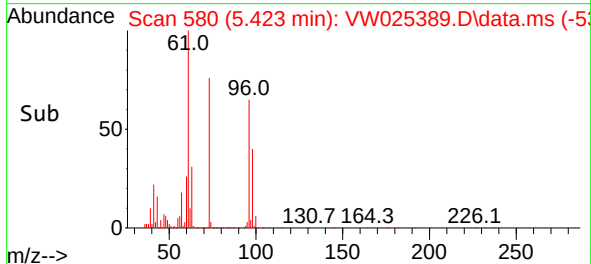
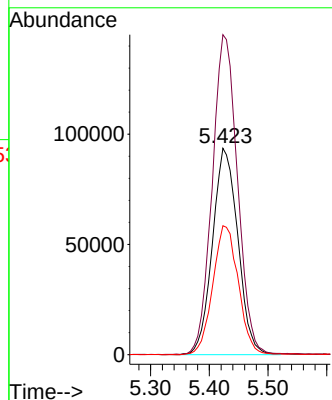
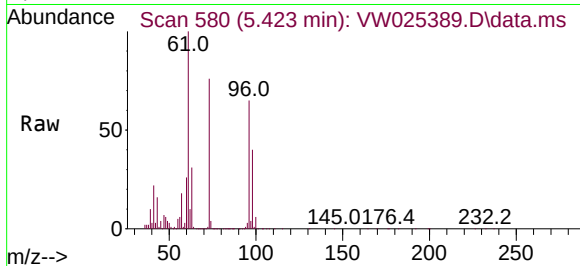




#17
trans-1,2-Dichloroethene
Concen: 28.868 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

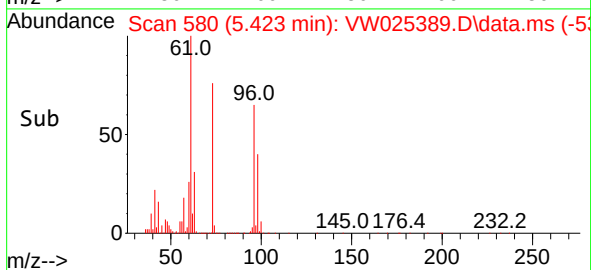
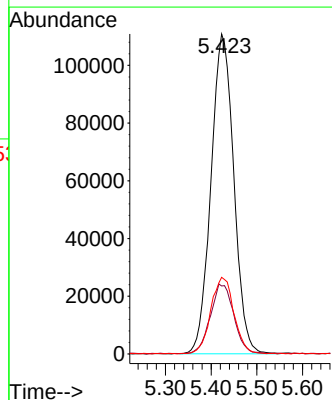
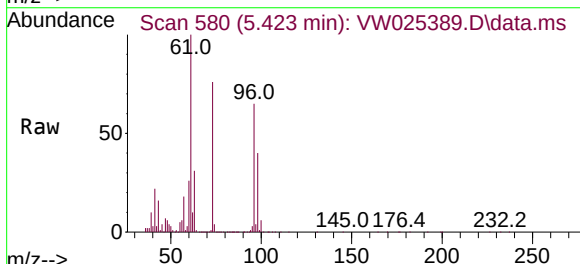
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

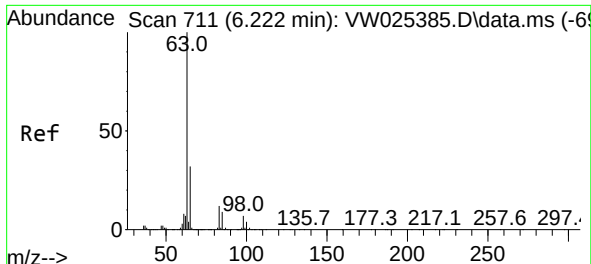
Tgt Ion: 96 Resp: 281637
Ion Ratio Lower Upper
96 100
61 155.0 103.0 191.4
98 62.5 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 26.150 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

Tgt Ion: 73 Resp: 384079
Ion Ratio Lower Upper
73 100
43 22.5 17.6 26.4
57 24.3 18.6 28.0





#19

1,1-Dichloroethane

Concen: 28.452 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

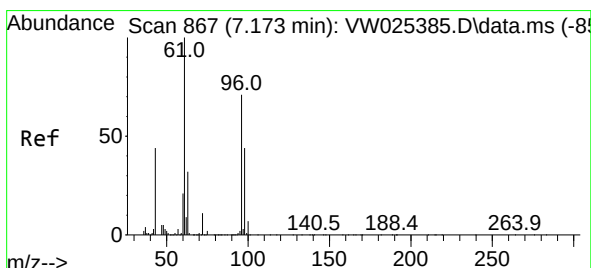
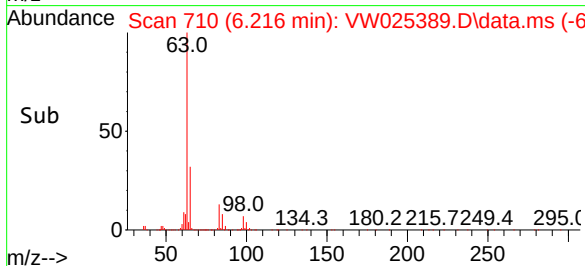
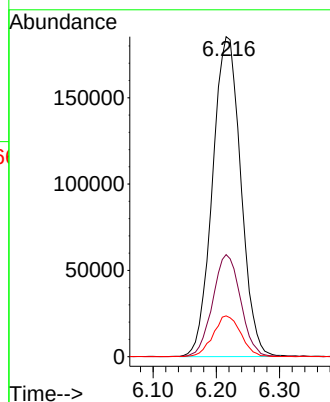
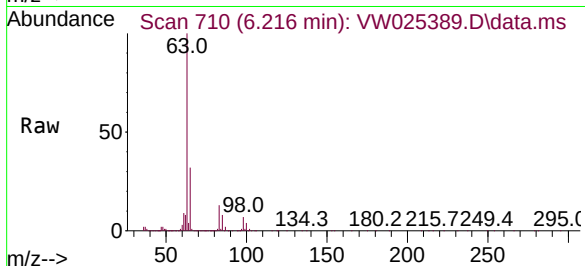
Tgt Ion: 63 Resp: 574819

Ion Ratio Lower Upper

63 100

65 31.9 21.7 40.3

83 12.8 8.4 15.6



#20

cis-1,2-Dichloroethene

Concen: 27.873 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

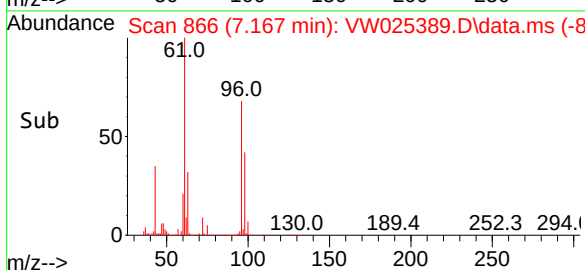
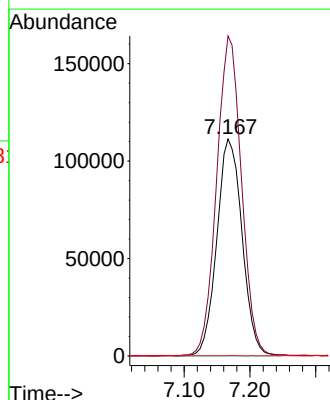
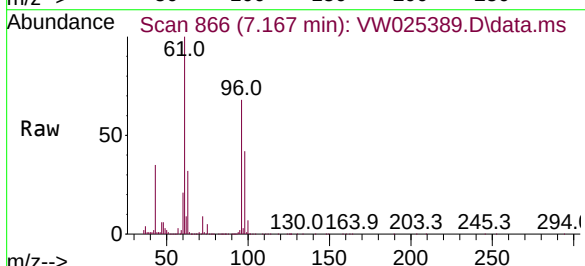
Tgt Ion: 96 Resp: 297724

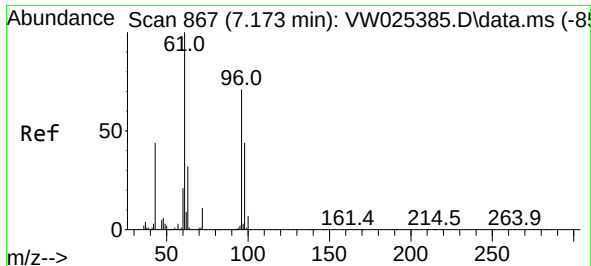
Ion Ratio Lower Upper

96 100

61 147.5 95.5 177.4

68 0.1 0.1 0.1#

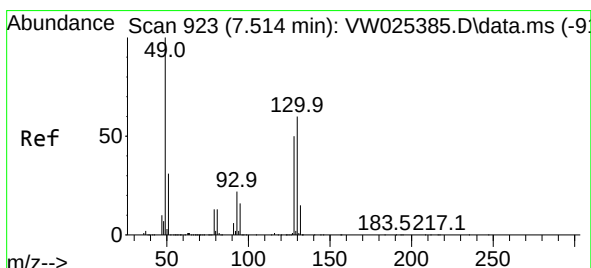
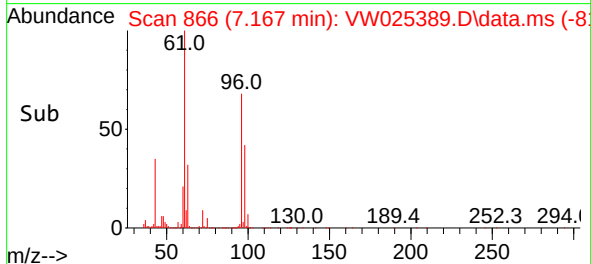
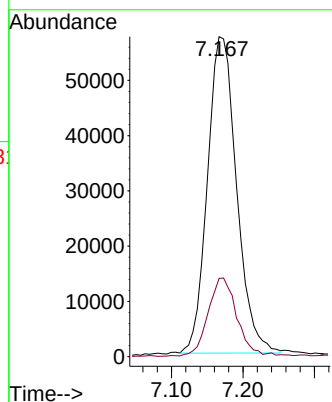
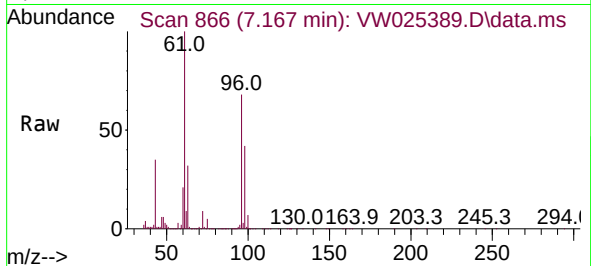




#22
2-Butanone
Concen: 42.872 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

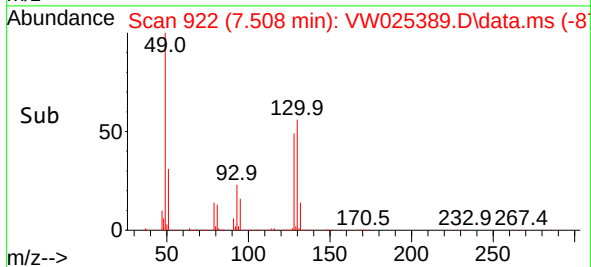
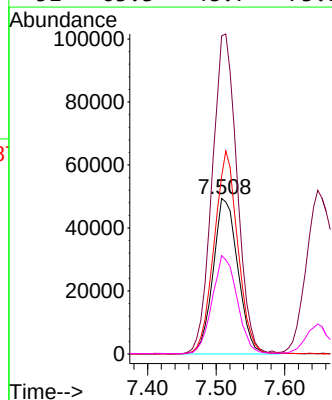
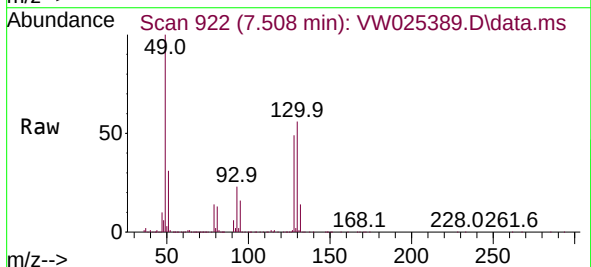
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

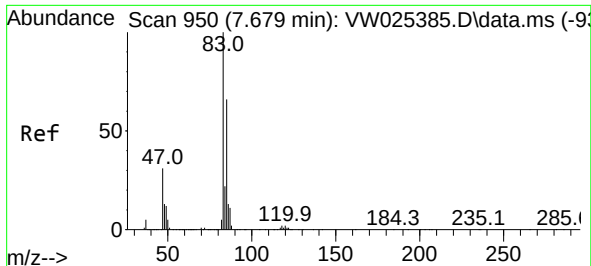
Tgt Ion: 43 Resp: 162383
Ion Ratio Lower Upper
43 100
72 24.3 12.0 36.1



#23
Bromochloromethane
Concen: 26.953 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

Tgt Ion: 128 Resp: 123806
Ion Ratio Lower Upper
128 100
49 204.6 140.6 261.0
130 114.2 80.8 150.0
51 63.3 48.7 73.1

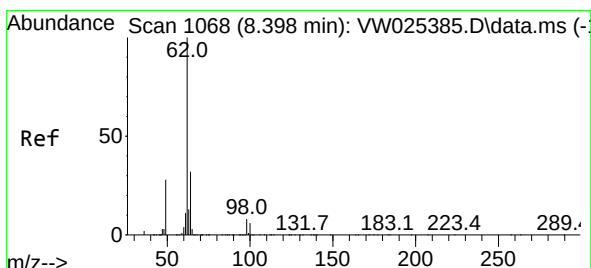
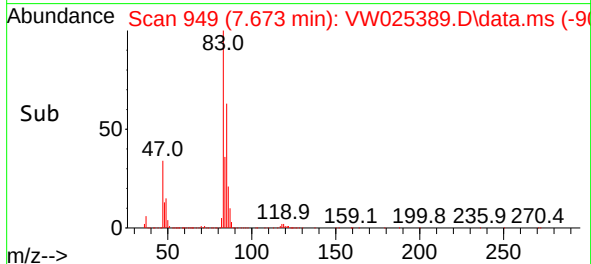
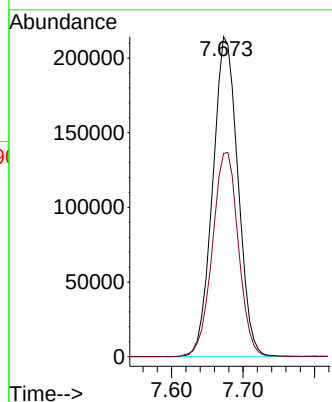
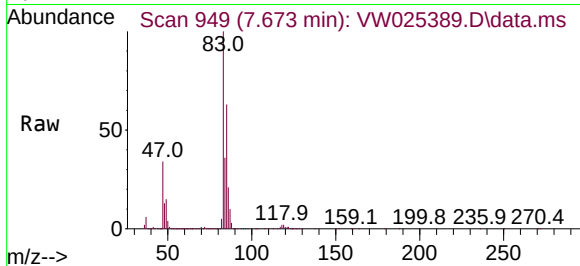




#25
Chloroform
Concen: 27.665 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

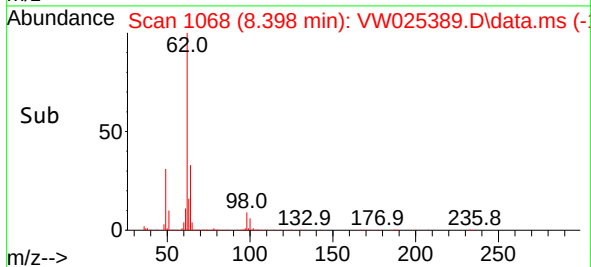
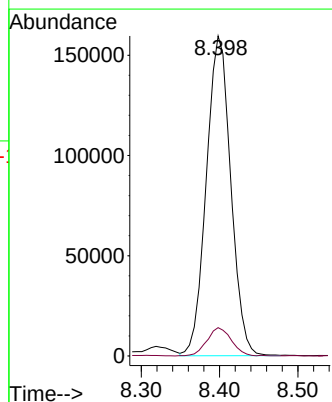
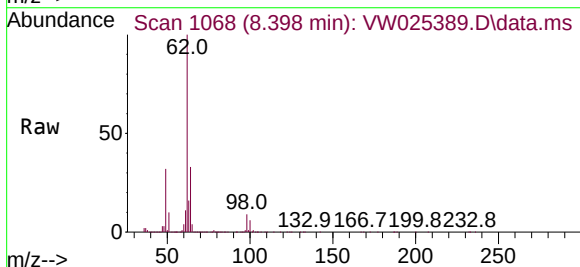
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

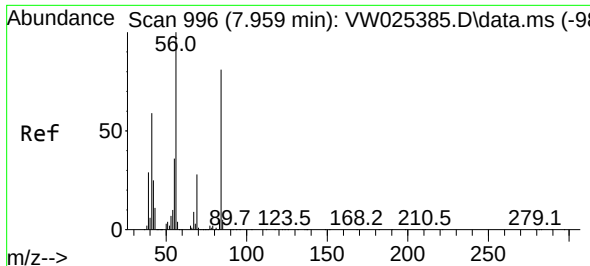
Tgt Ion: 83 Resp: 525417
Ion Ratio Lower Upper
83 100
85 63.5 44.7 82.9



#27
1,2-Dichloroethane
Concen: 27.314 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

Tgt Ion: 62 Resp: 346182
Ion Ratio Lower Upper
62 100
98 8.8 7.2 10.8

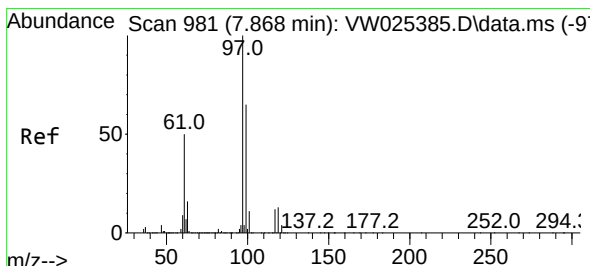
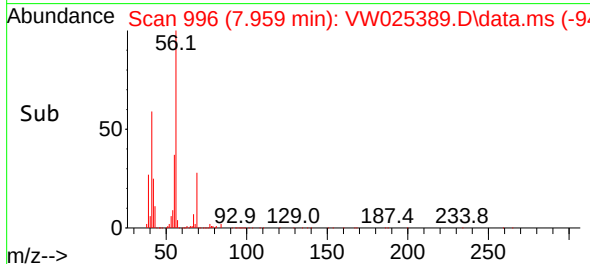
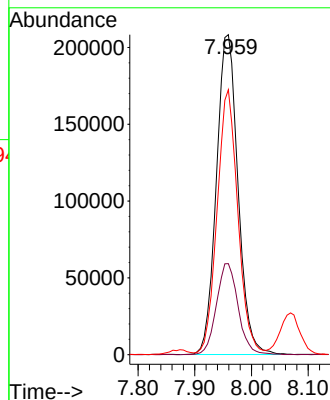
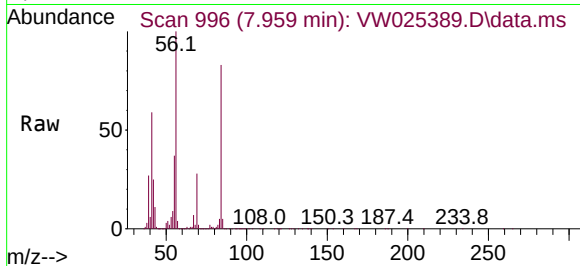




#29
Cyclohexane
Concen: 29.514 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

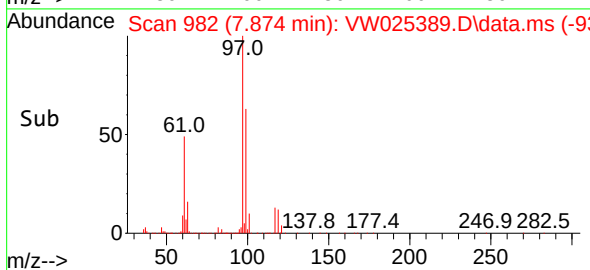
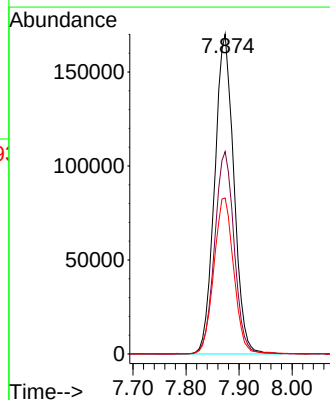
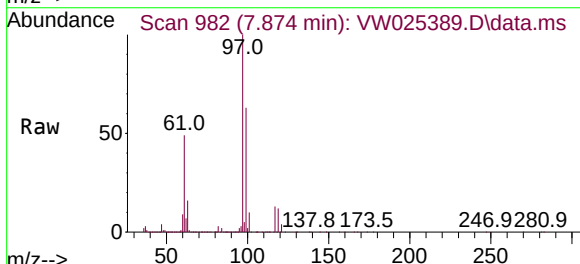
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

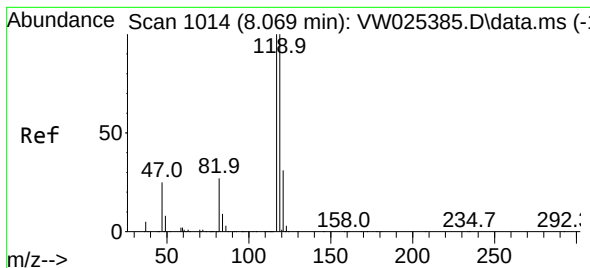
Tgt Ion: 56 Resp: 551843
Ion Ratio Lower Upper
56 100
69 28.5 23.1 34.7
84 79.7 63.9 95.9



#30
1,1,1-Trichloroethane
Concen: 27.195 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

Tgt Ion: 97 Resp: 428236
Ion Ratio Lower Upper
97 100
99 63.7 50.9 76.3
61 50.2 39.8 59.6





#31

Carbon tetrachloride

Concen: 27.160 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

Instrument :

MSVOA_W

ClientSampleId :

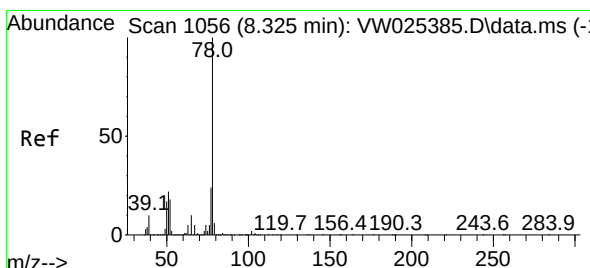
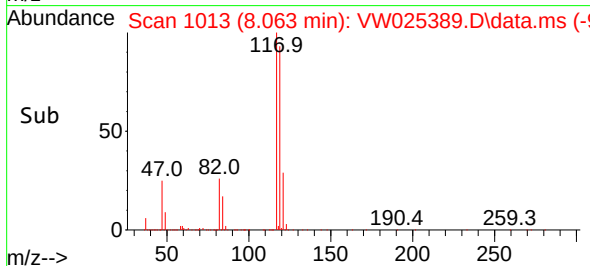
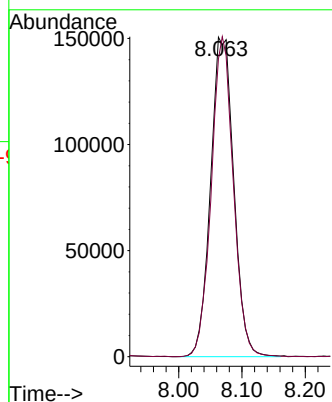
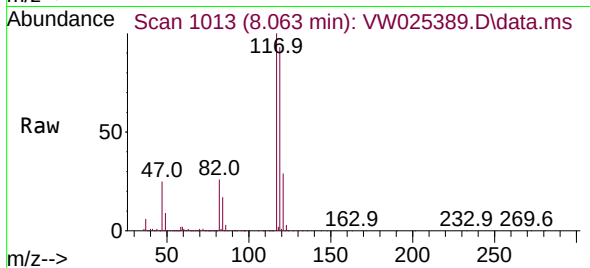
VSTD025549

Tgt Ion:117 Resp: 383368

Ion Ratio Lower Upper

117 100

119 95.1 75.8 113.6



#33

Benzene

Concen: 28.162 ug/L

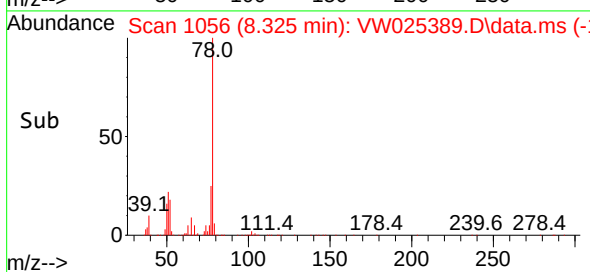
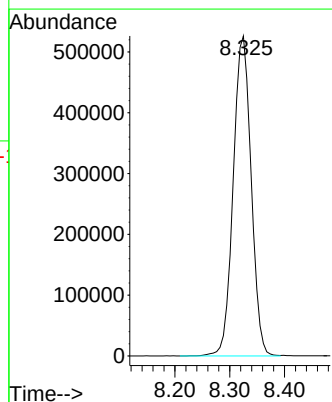
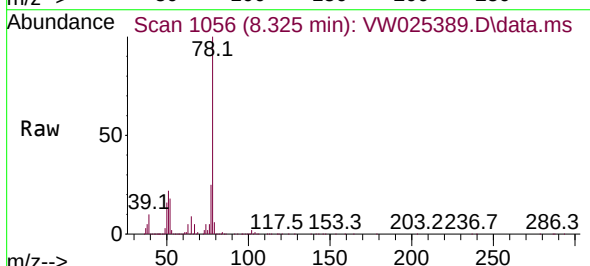
RT: 8.325 min Scan# 1056

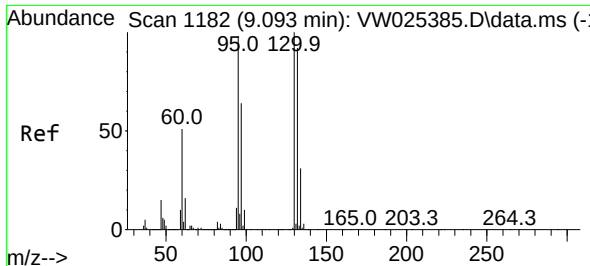
Delta R.T. -0.000 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

Tgt Ion: 78 Resp: 1192675



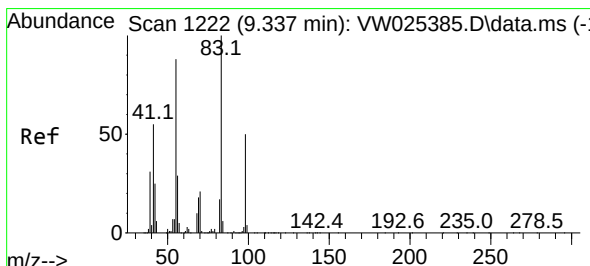
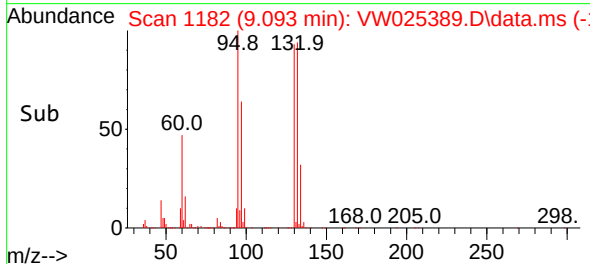
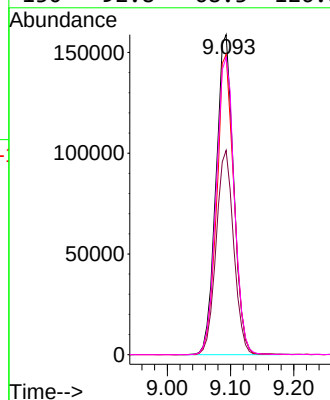
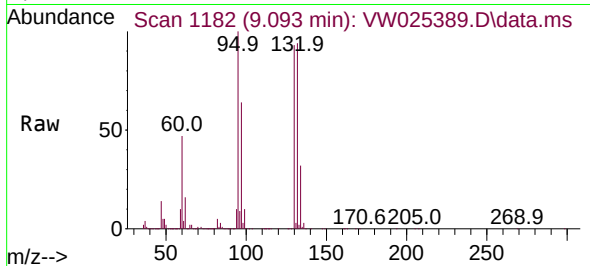


#34
Trichloroethene
Concen: 27.611 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

Tgt Ion: 95 Resp: 306912

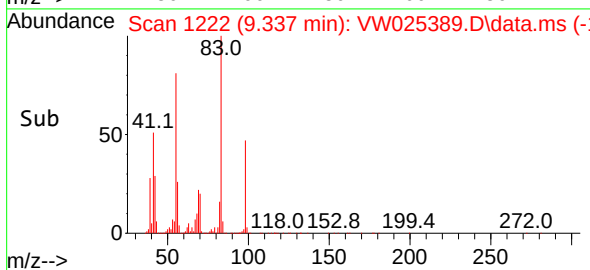
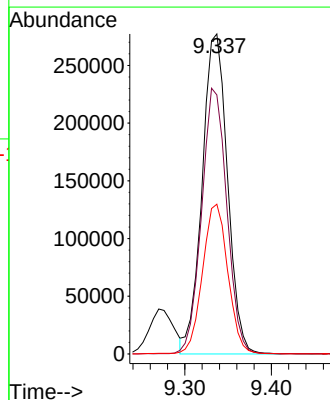
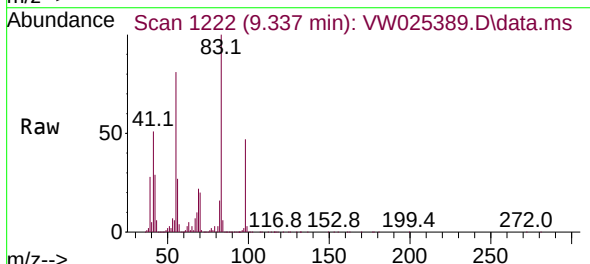
Ion	Ratio	Lower	Upper
95	100		
97	63.9	43.8	81.4
132	93.8	65.9	122.3
130	92.8	68.3	126.8

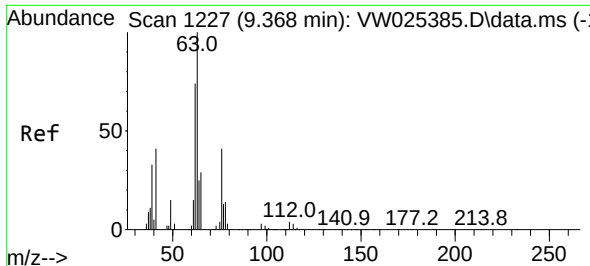


#35
Methylcyclohexane
Concen: 29.456 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

Tgt Ion: 83 Resp: 564020

Ion	Ratio	Lower	Upper
83	100		
55	82.5	68.2	102.4
98	46.8	39.0	58.4





#37

1,2-Dichloropropane

Concen: 27.497 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

Instrument :

MSVOA_W

ClientSampleId :

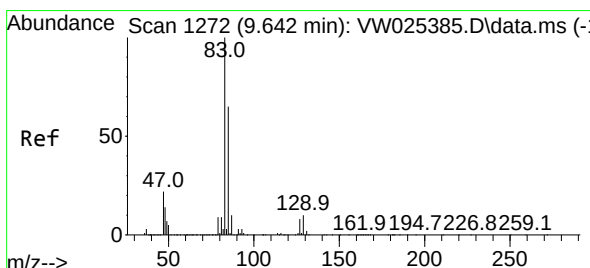
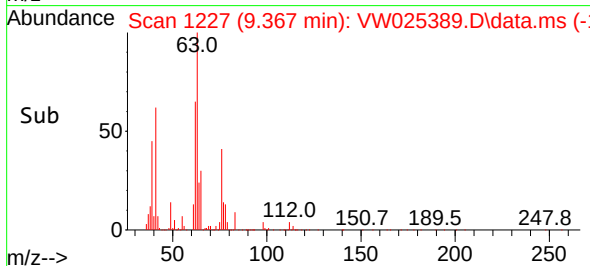
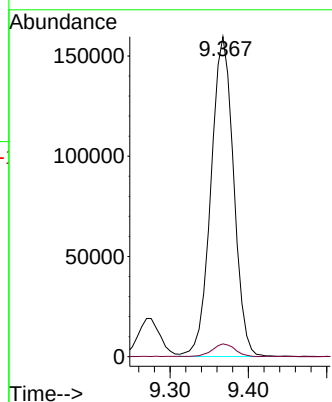
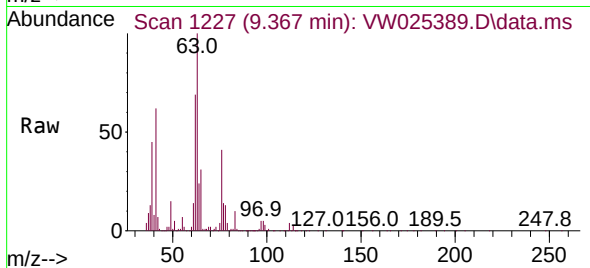
VSTD025549

Tgt Ion: 63 Resp: 320545

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 26.828 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

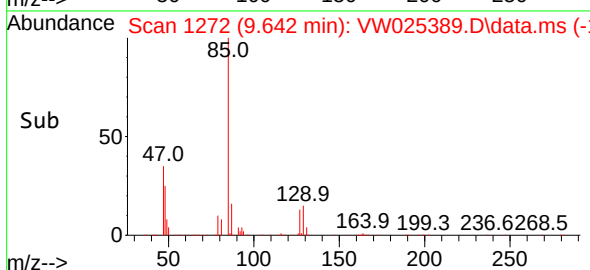
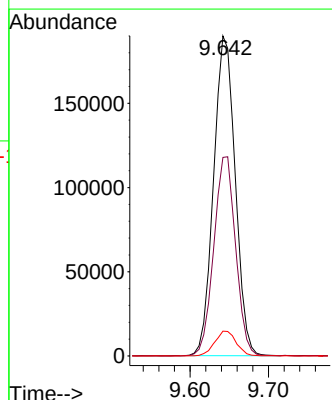
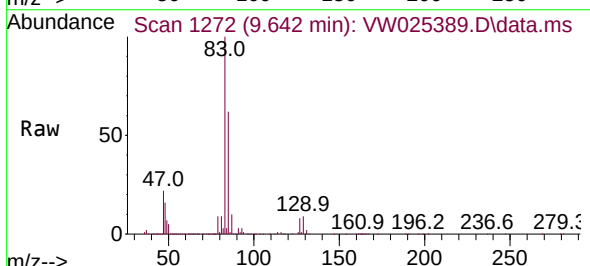
Tgt Ion: 83 Resp: 364739

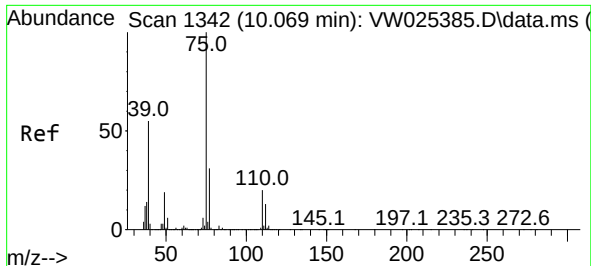
Ion Ratio Lower Upper

83 100

85 62.0 44.7 83.1

127 7.8 6.1 9.1

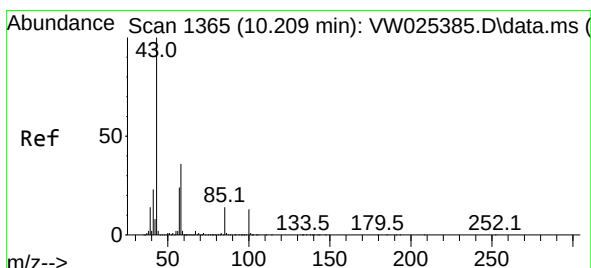
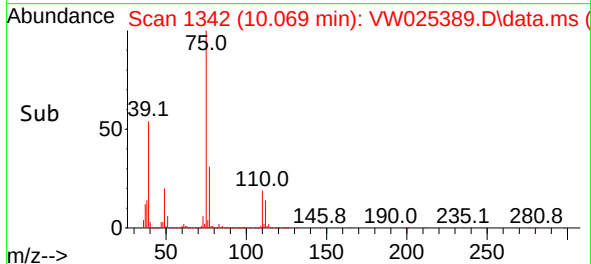
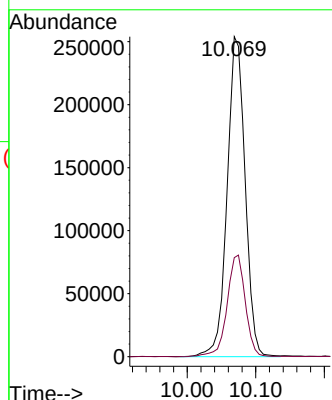
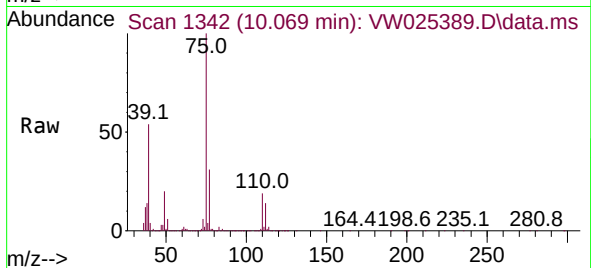




#39
 cis-1,3-Dichloropropene
 Concen: 27.528 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW025389.D
 Acq: 10 Mar 2023 13:46

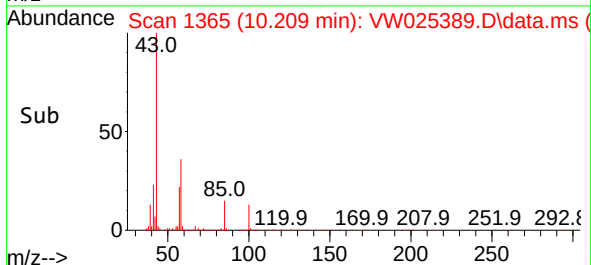
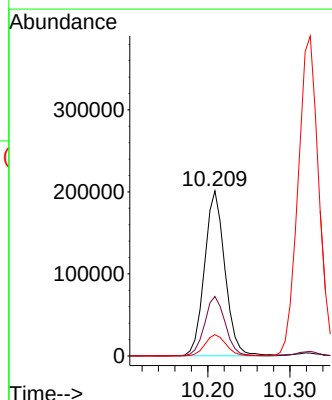
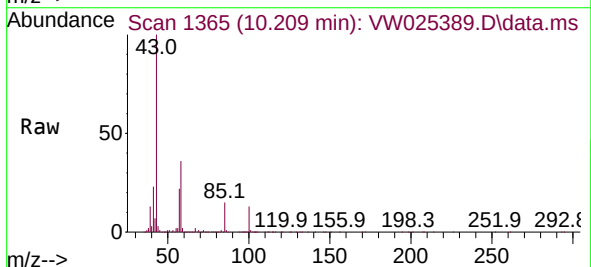
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025549

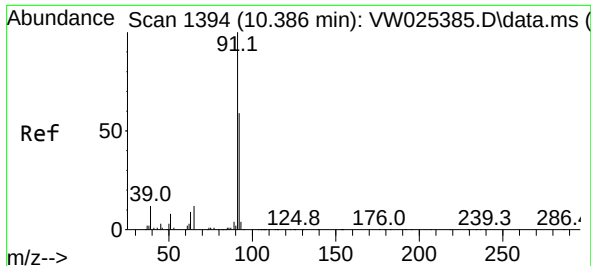
Tgt Ion: 75 Resp: 462306
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 49.619 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW025389.D
 Acq: 10 Mar 2023 13:46

Tgt Ion: 43 Resp: 347656
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.6 44.4
 100 13.4 10.6 16.0





#42

Toluene

Concen: 28.456 ug/L

RT: 10.386 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

Instrument :

MSVOA_W

ClientSampleId :

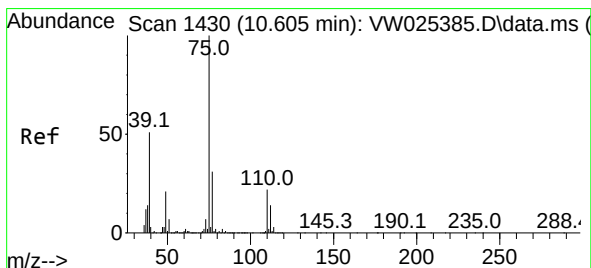
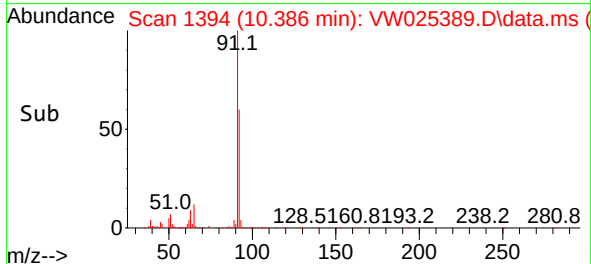
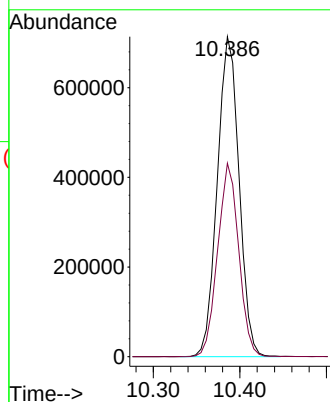
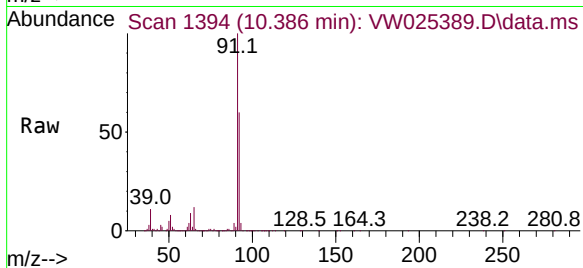
VSTD025549

Tgt Ion: 91 Resp: 1244276

Ion Ratio Lower Upper

91 100

92 60.5 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 26.831 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW025389.D

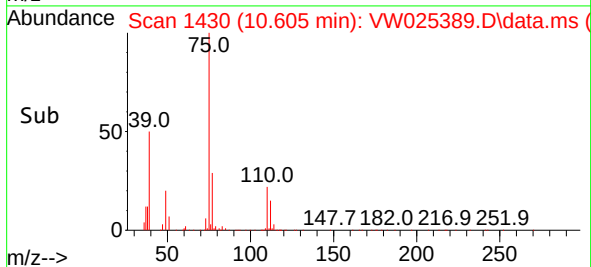
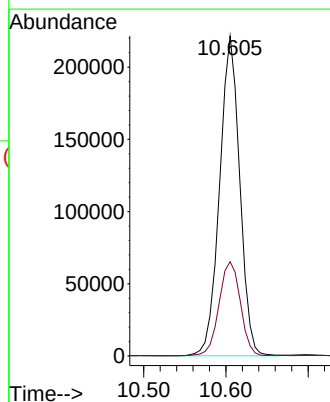
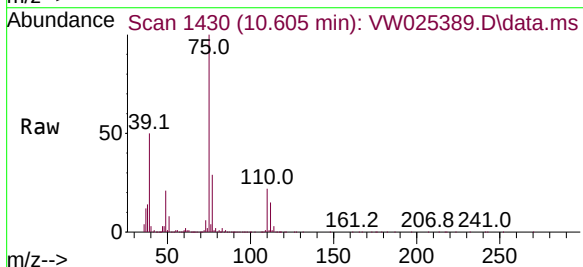
Acq: 10 Mar 2023 13:46

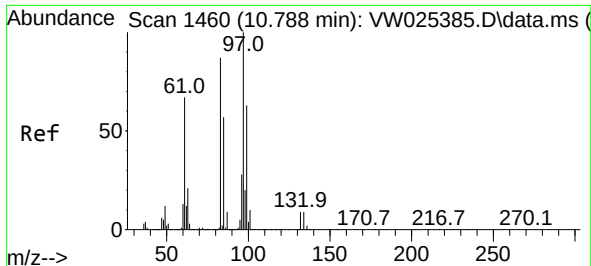
Tgt Ion: 75 Resp: 377361

Ion Ratio Lower Upper

75 100

77 29.5 22.3 41.3



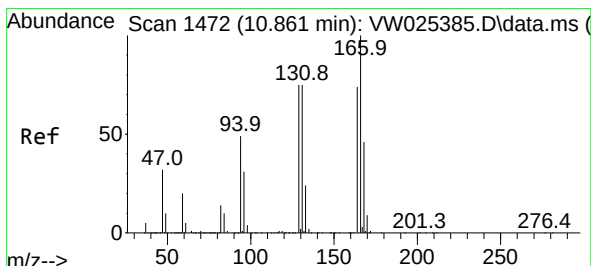
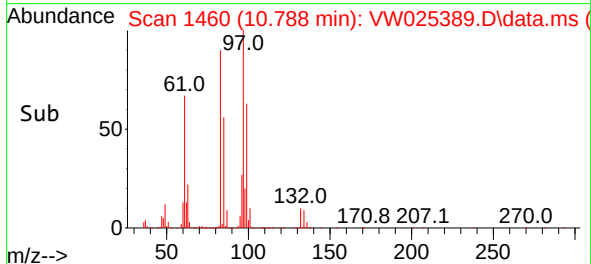
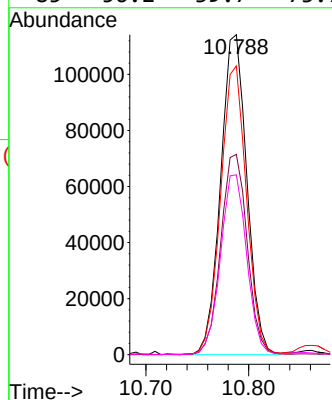
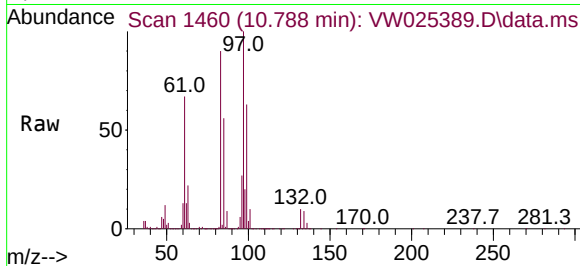


#45
1,1,2-Trichloroethane
Concen: 25.862 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

Tgt Ion: 97 Resp: 202470

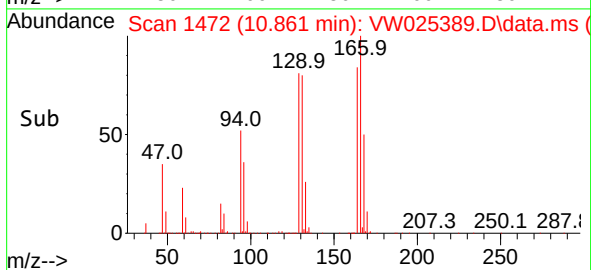
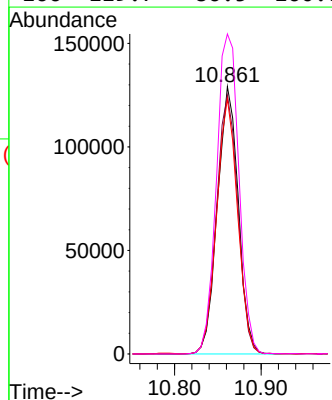
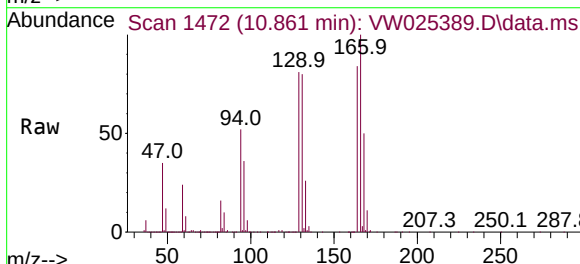
Ion	Ratio	Lower	Upper
97	100		
99	62.6	42.6	79.0
83	90.3	60.5	112.3
85	56.2	39.7	73.7

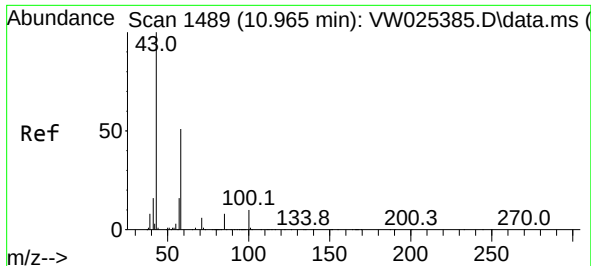


#46
Tetrachloroethene
Concen: 27.399 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

Tgt Ion: 164 Resp: 216696

Ion	Ratio	Lower	Upper
164	100		
129	96.9	67.7	125.7
131	95.5	67.0	124.4
166	119.7	86.5	160.7



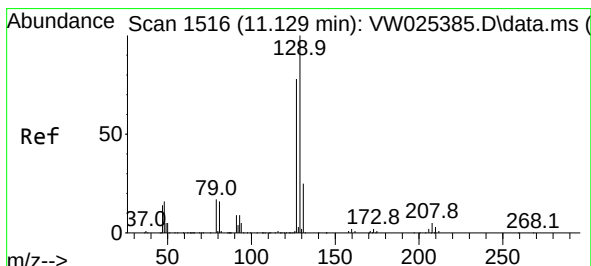
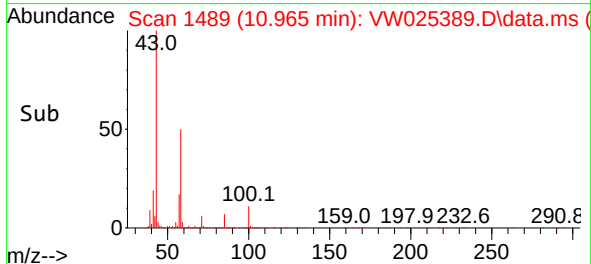
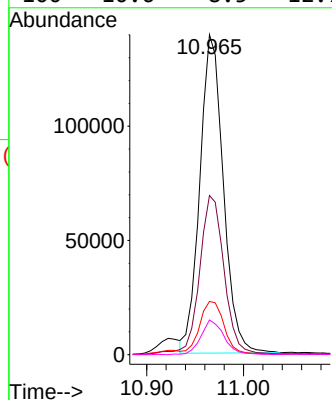
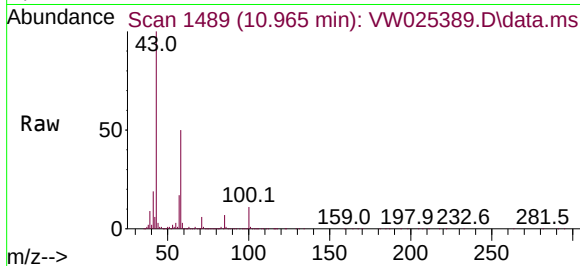


#48
2-Hexanone
Concen: 46.872 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

Tgt Ion: 43 Resp: 236277

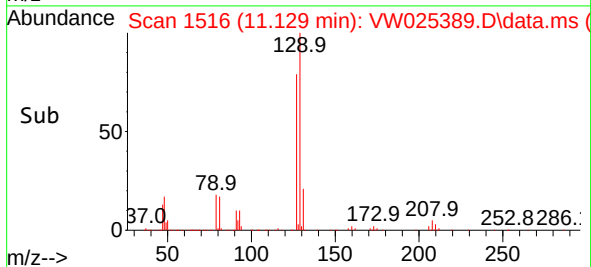
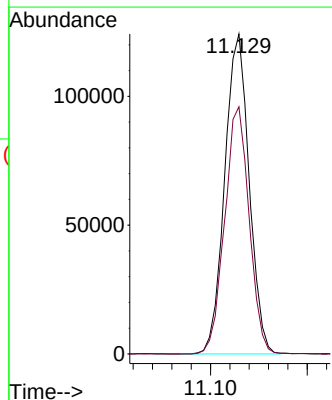
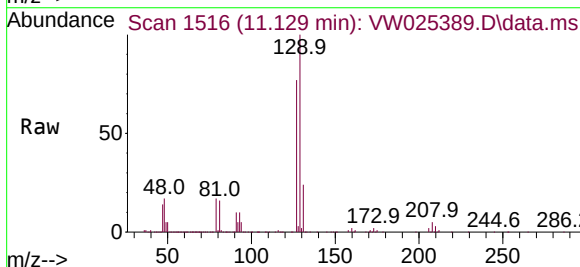
Ion	Ratio	Lower	Upper
43	100		
58	50.8	41.2	61.8
57	17.5	14.2	21.4
100	10.6	8.5	12.7

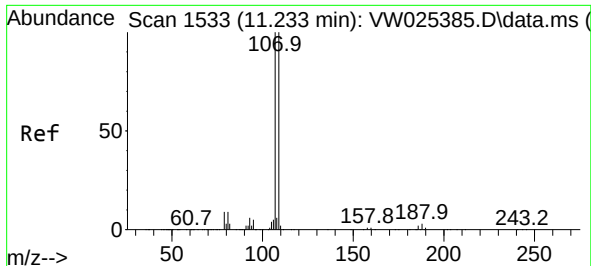


#49
Dibromochloromethane
Concen: 25.991 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

Tgt Ion: 129 Resp: 217414

Ion	Ratio	Lower	Upper
129	100		
127	77.2	52.8	98.2

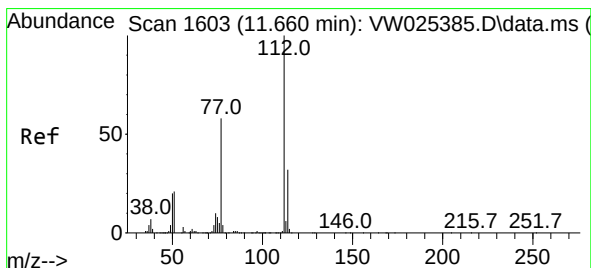
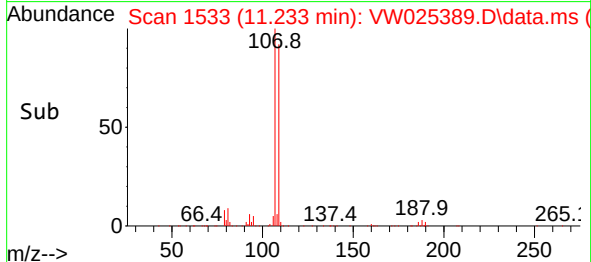
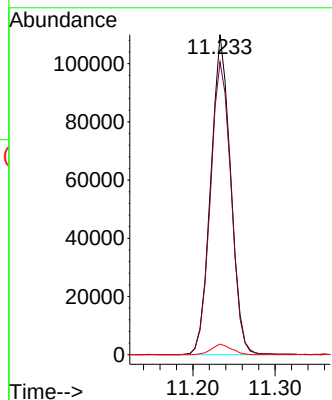
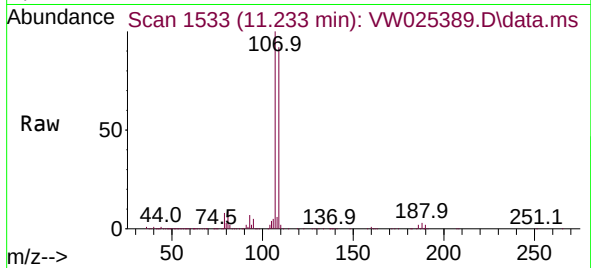




#50
1,2-Dibromoethane
Concen: 25.485 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

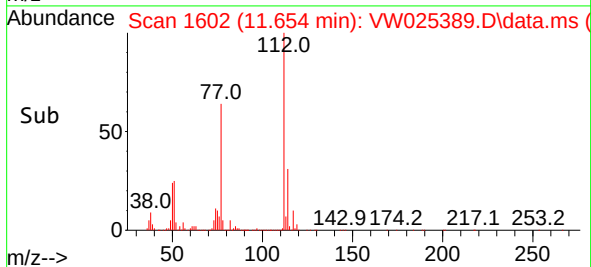
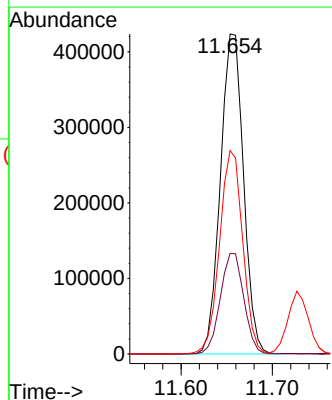
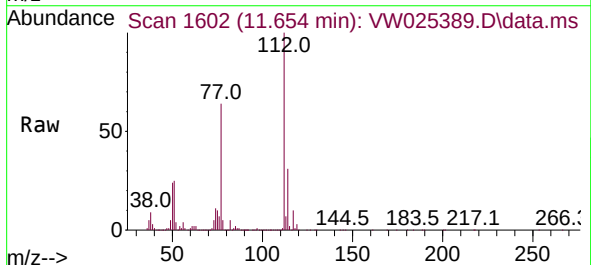
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

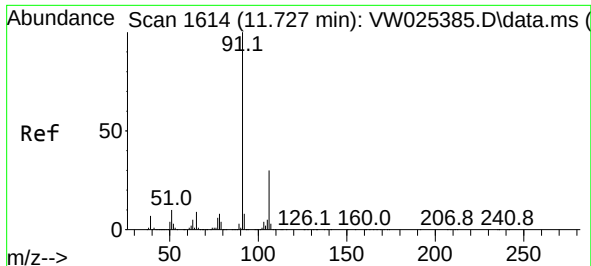
Tgt Ion:107 Resp: 184677
Ion Ratio Lower Upper
107 100
109 91.5 62.9 116.9
188 3.3 3.0 4.4



#51
Chlorobenzene
Concen: 26.862 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

Tgt Ion:112 Resp: 745469
Ion Ratio Lower Upper
112 100
114 31.5 21.9 40.7
77 63.6 51.8 77.8

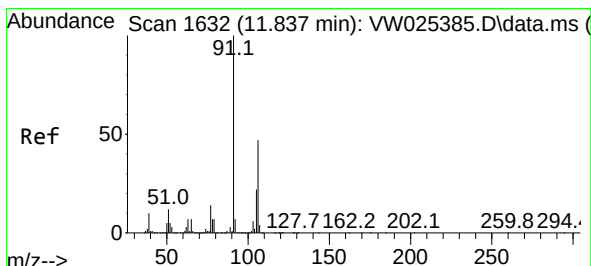
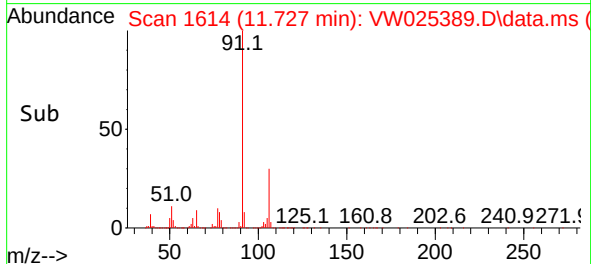
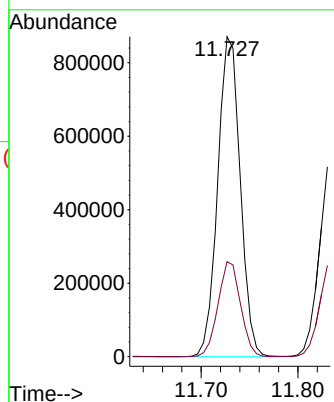
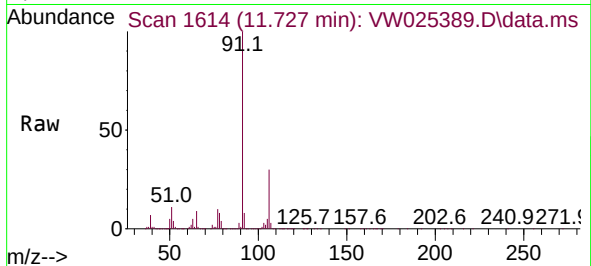




#52
Ethylbenzene
Concen: 28.209 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

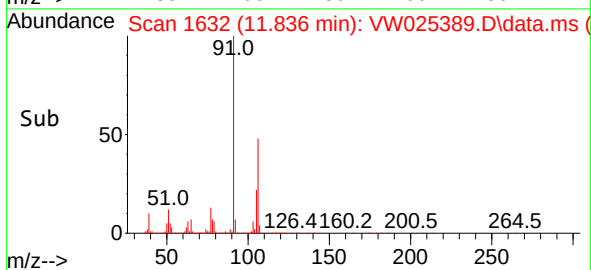
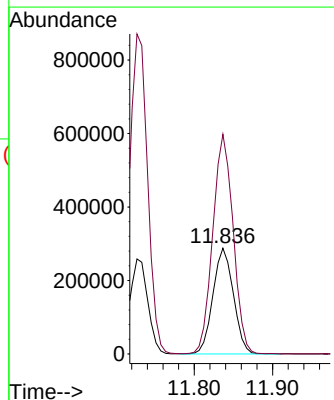
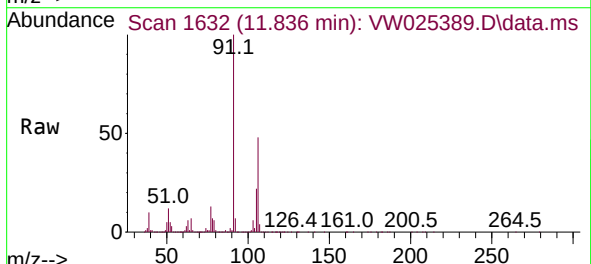
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

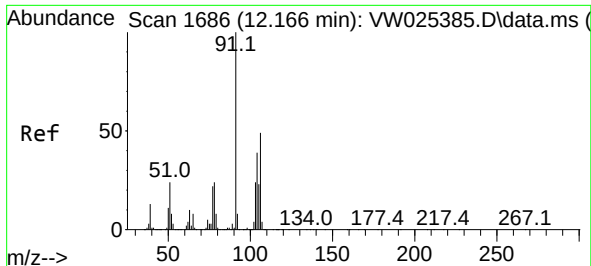
Tgt Ion: 91 Resp: 1406822
Ion Ratio Lower Upper
91 100
106 29.7 22.0 41.0



#53
m,p-Xylene
Concen: 28.375 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

Tgt Ion: 106 Resp: 521917
Ion Ratio Lower Upper
106 100
91 207.8 144.2 267.8

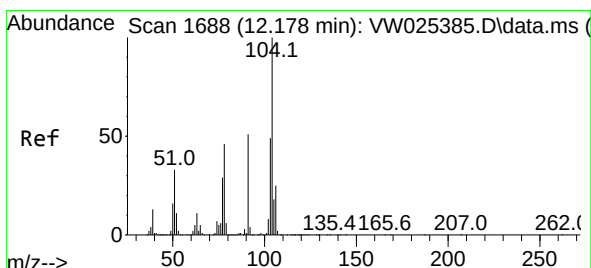
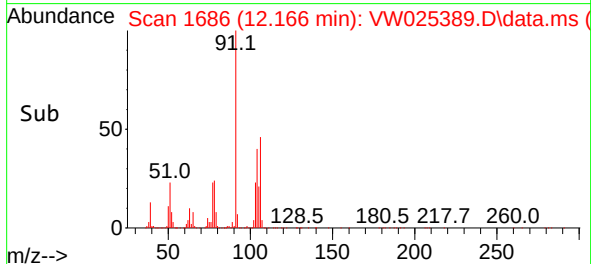
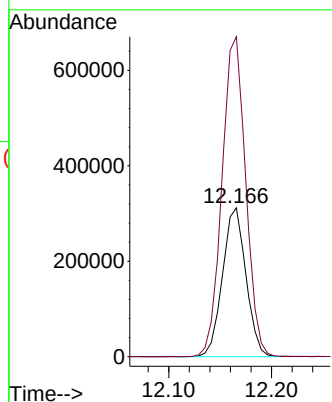
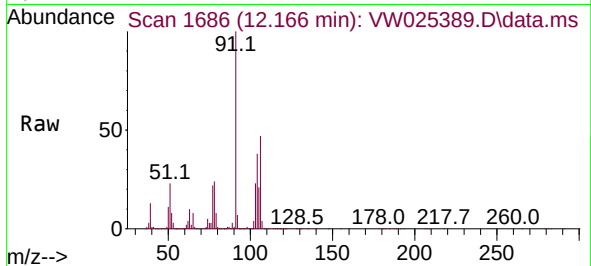




#54
o-Xylene
Concen: 28.511 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

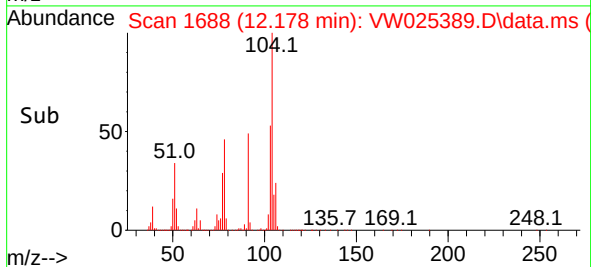
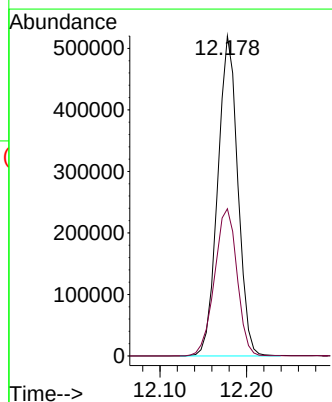
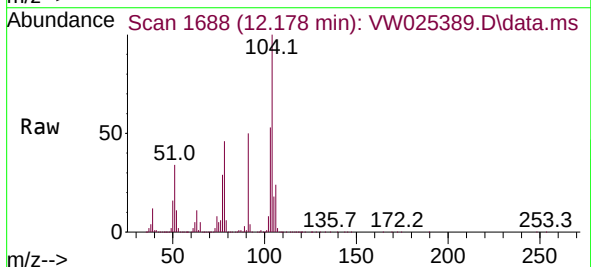
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

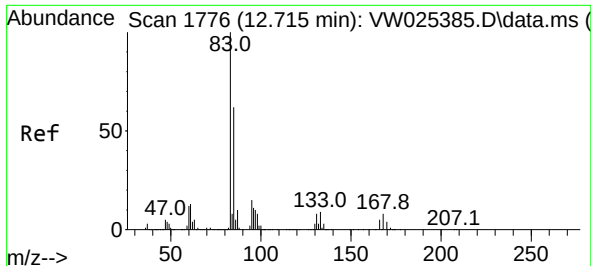
Tgt Ion:106 Resp: 493485
Ion Ratio Lower Upper
106 100
91 215.0 154.6 287.2



#55
Styrene
Concen: 28.335 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

Tgt Ion:104 Resp: 837513
Ion Ratio Lower Upper
104 100
78 46.0 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.057 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

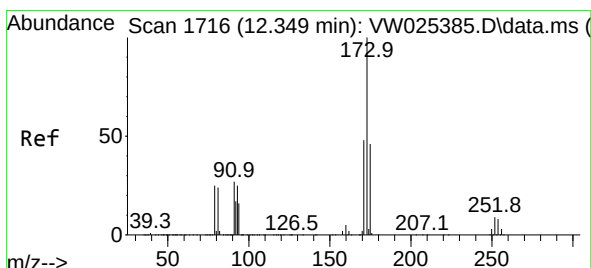
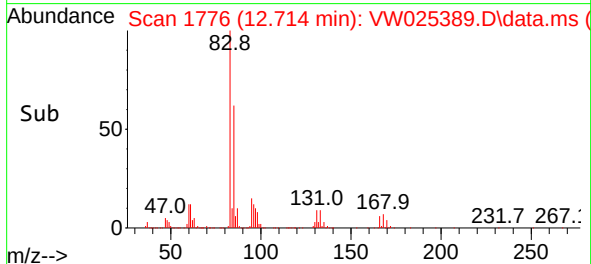
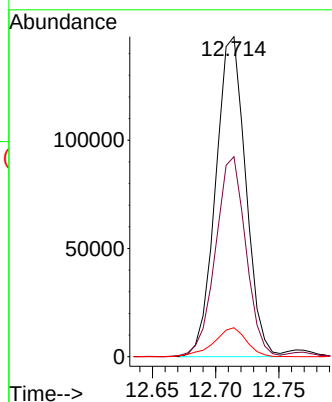
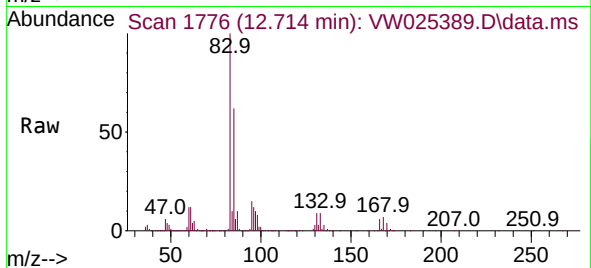
Tgt Ion: 83 Resp: 244008

Ion Ratio Lower Upper

83 100

85 62.5 45.4 84.2

131 9.0 8.0 12.0



#59

Bromoform

Concen: 24.738 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

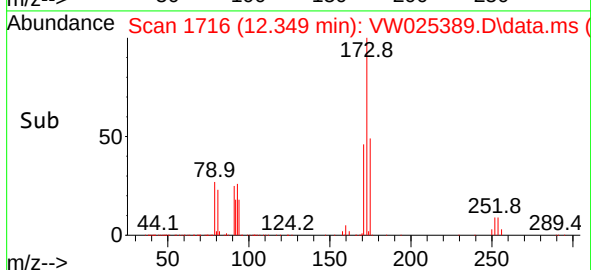
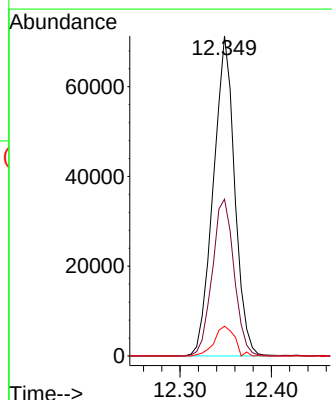
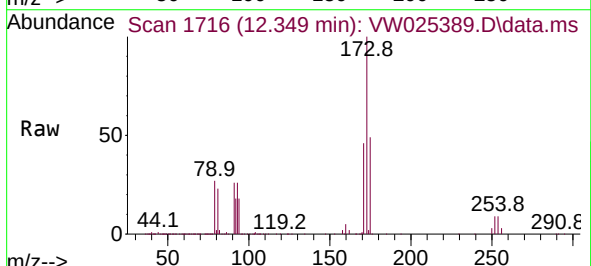
Tgt Ion: 173 Resp: 115641

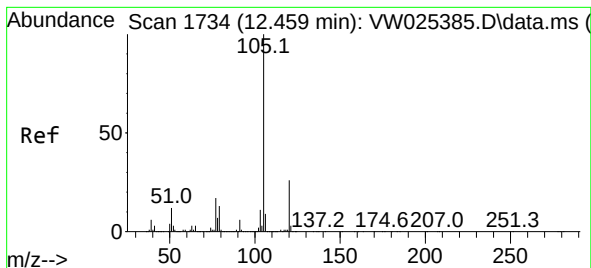
Ion Ratio Lower Upper

173 100

175 50.0 38.6 57.8

254 8.6 7.9 11.9





#60

Isopropylbenzene

Concen: 28.653 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

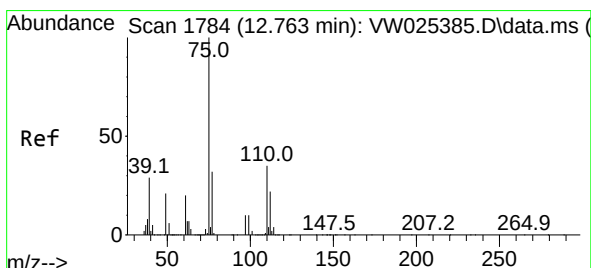
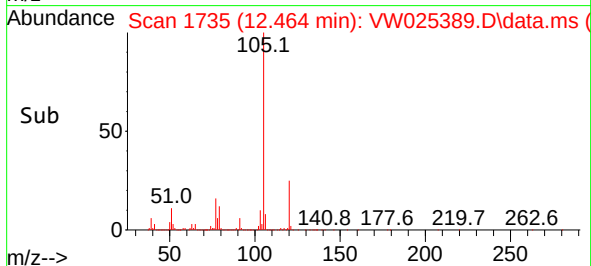
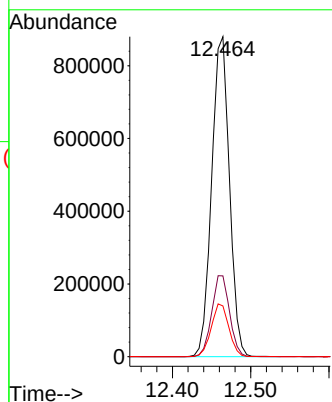
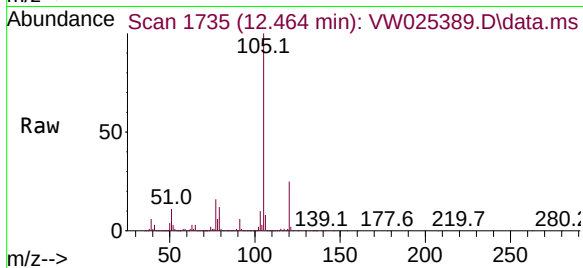
Tgt Ion:105 Resp: 1383944

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: 24.423 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

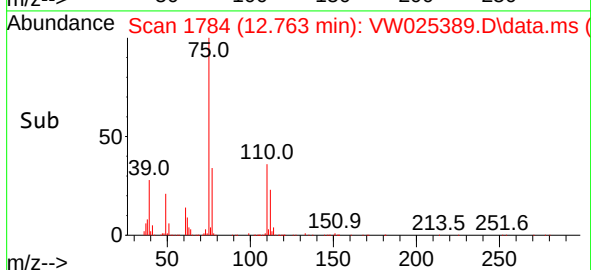
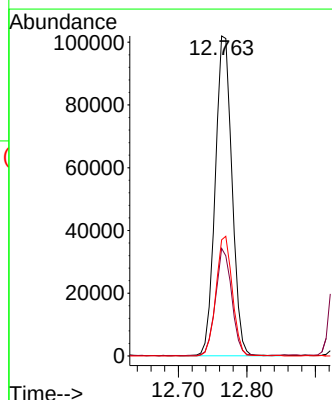
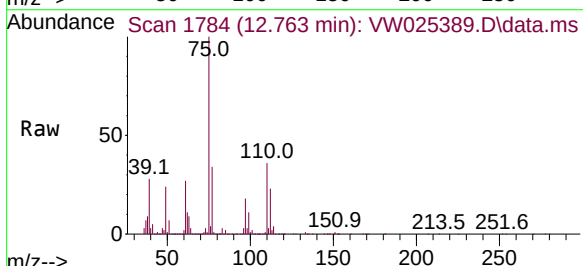
Tgt Ion: 75 Resp: 172406

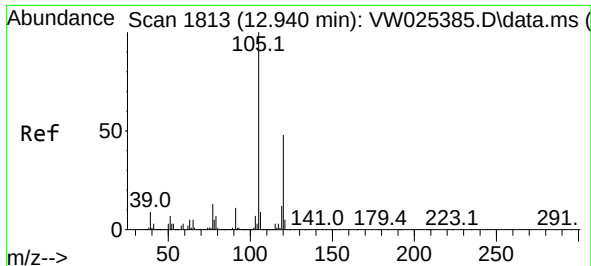
Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2

110 36.4 28.9 43.3

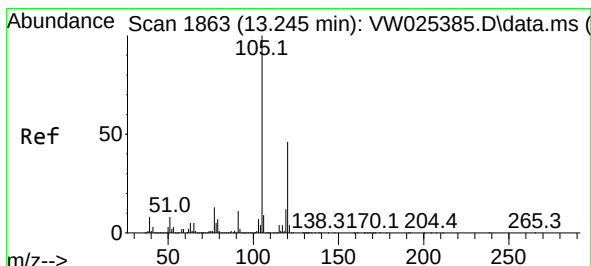
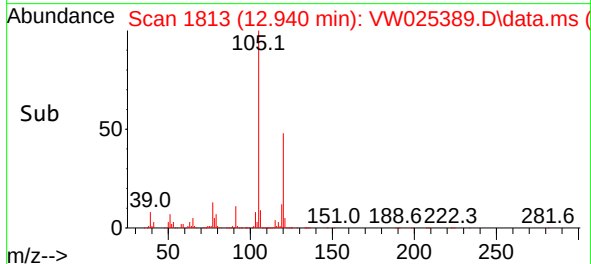
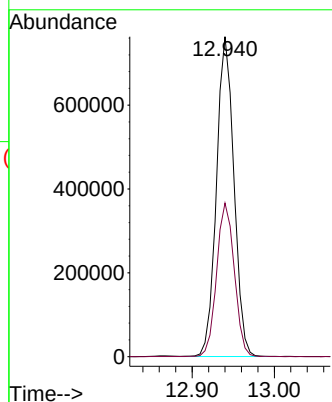
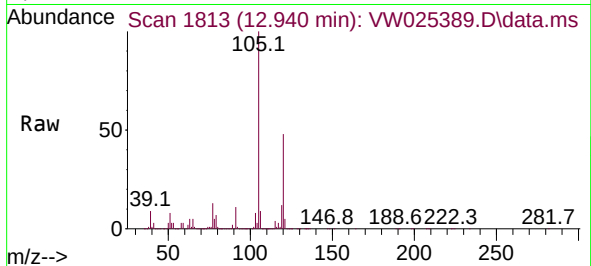




#62
 1,3,5-Trimethylbenzene
 Concen: 29.434 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW025389.D
 Acq: 10 Mar 2023 13:46

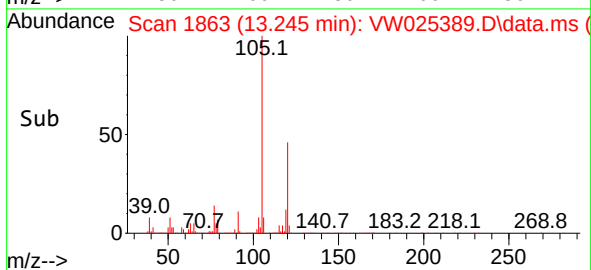
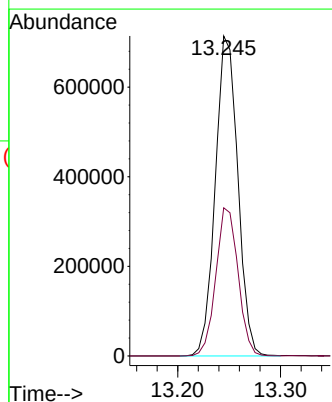
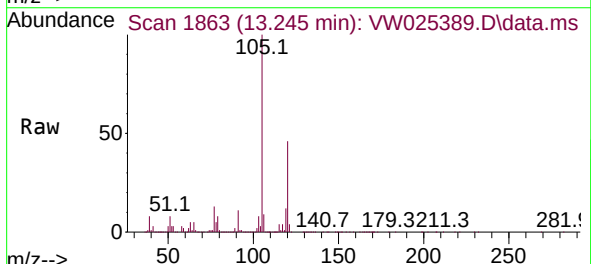
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025549

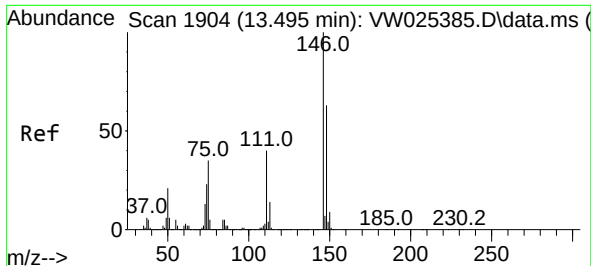
Tgt Ion:105 Resp: 1125943
 Ion Ratio Lower Upper
 105 100
 120 48.6 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 28.787 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW025389.D
 Acq: 10 Mar 2023 13:46

Tgt Ion:105 Resp: 1084816
 Ion Ratio Lower Upper
 105 100
 120 45.8 36.0 54.0

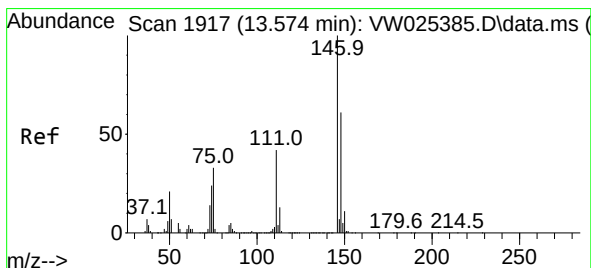
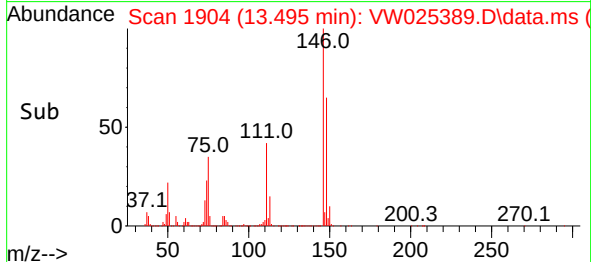
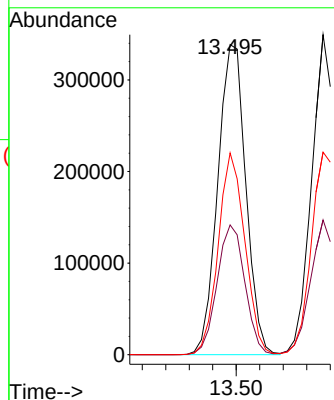
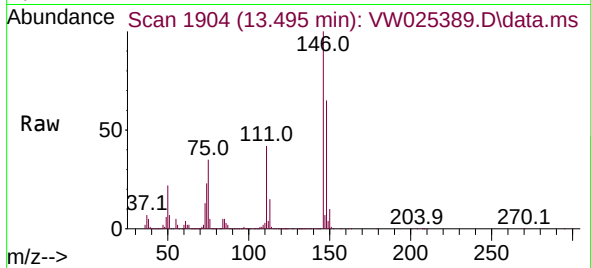




#64
1,3-Dichlorobenzene
Concen: 27.495 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

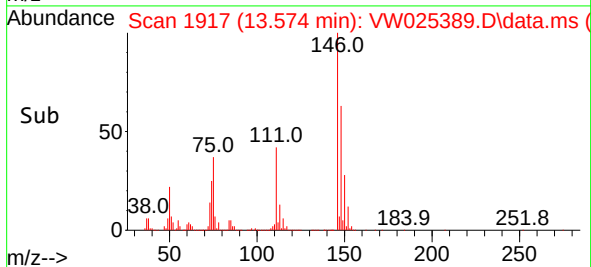
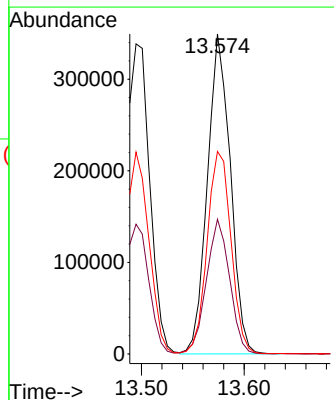
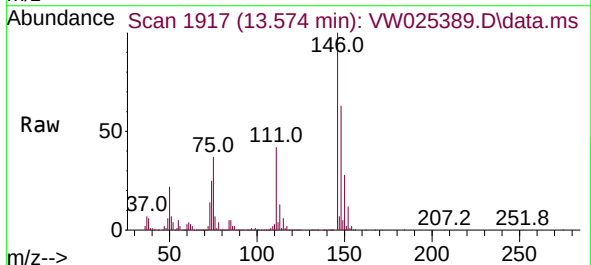
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

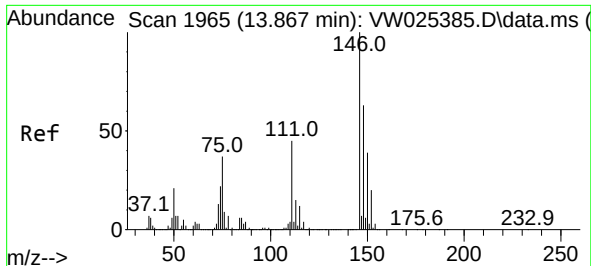
Tgt Ion:146 Resp: 562720
Ion Ratio Lower Upper
146 100
111 41.9 29.7 55.1
148 65.1 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 25.844 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025389.D
Acq: 10 Mar 2023 13:46

Tgt Ion:146 Resp: 542549
Ion Ratio Lower Upper
146 100
111 42.1 28.2 52.4
148 63.3 39.8 73.8





#67

1,2-Dichlorobenzene

Concen: 26.160 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

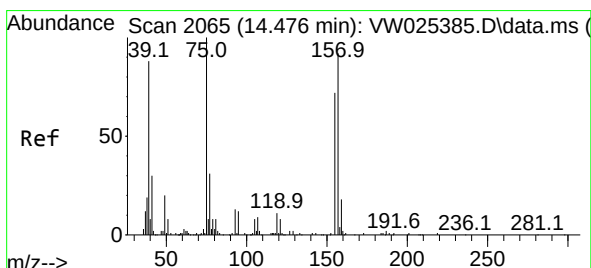
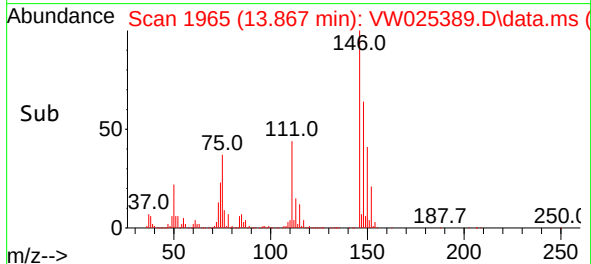
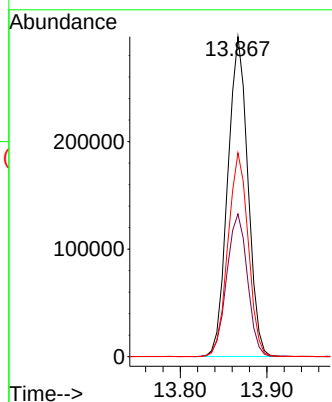
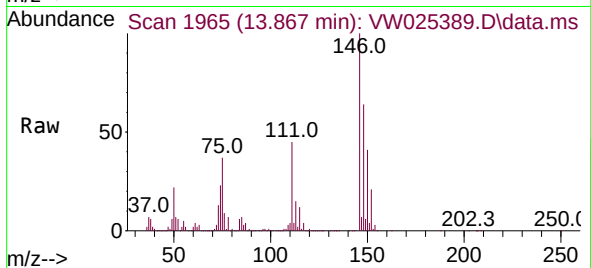
Tgt Ion:146 Resp: 480199

Ion Ratio Lower Upper

146 100

111 44.6 36.6 54.8

148 63.7 53.4 80.2



#68

1,2-Dibromo-3-chloropropane

Concen: 22.294 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

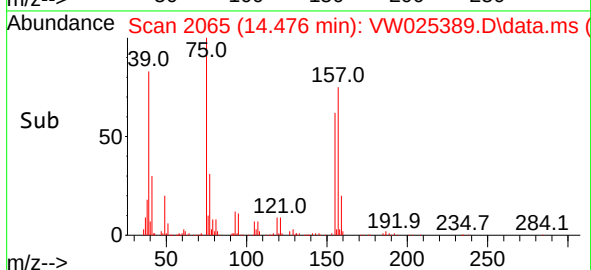
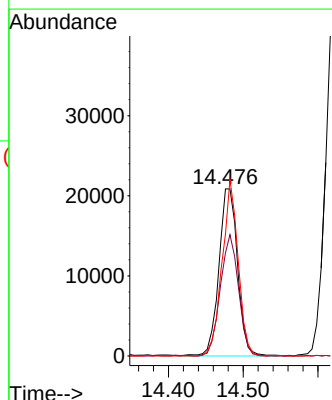
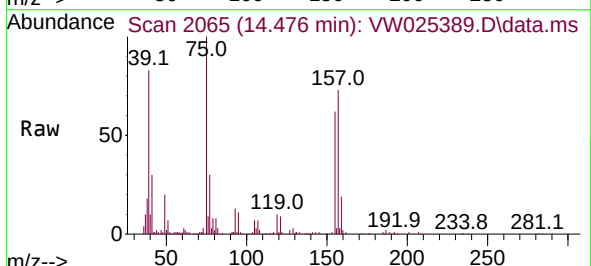
Tgt Ion: 75 Resp: 36434

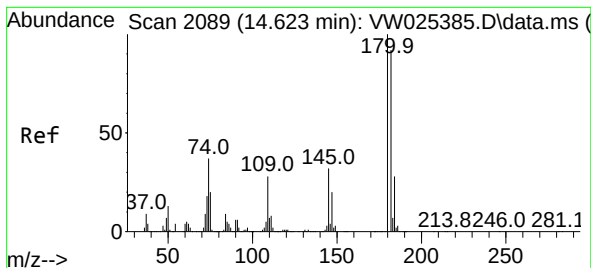
Ion Ratio Lower Upper

75 100

155 61.8 55.4 83.0

157 73.1 75.3 112.9#





#69

1,3,5-Trichlorobenzene

Concen: 25.902 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

Tgt Ion:180 Resp: 360356

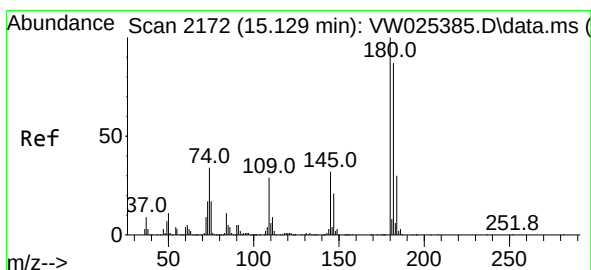
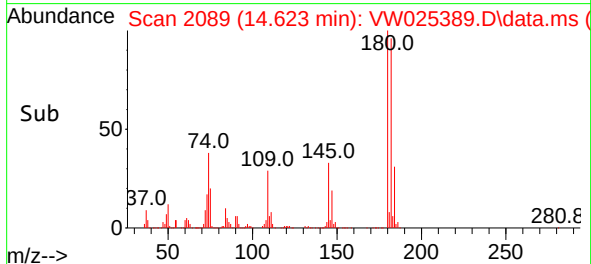
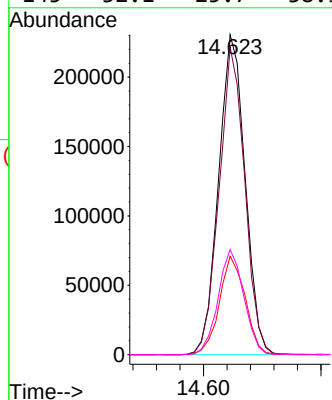
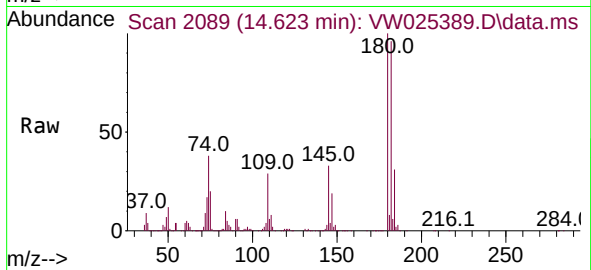
Ion Ratio Lower Upper

180 100

182 93.3 77.1 115.7

184 30.1 24.7 37.1

145 32.1 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 25.394 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

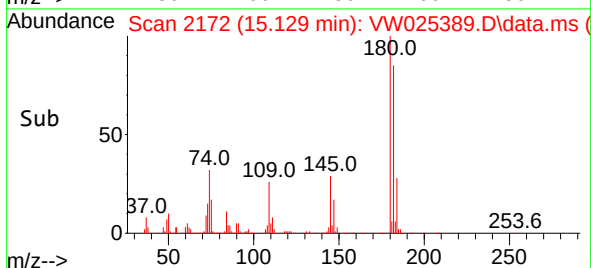
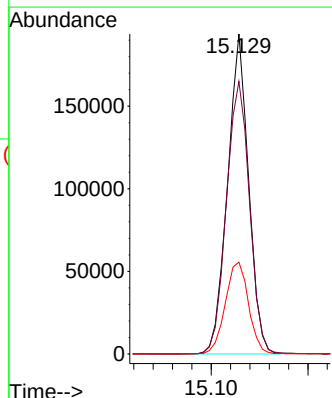
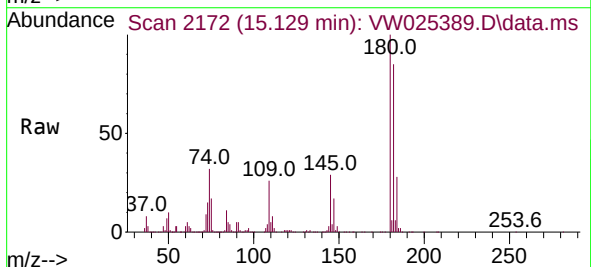
Tgt Ion:180 Resp: 292929

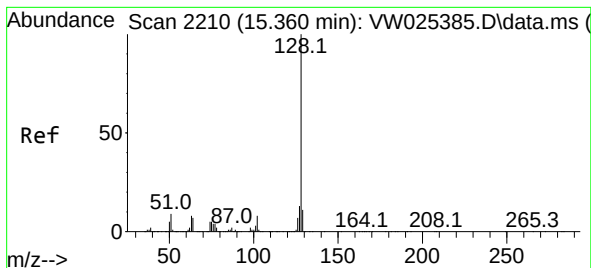
Ion Ratio Lower Upper

180 100

182 93.4 75.5 113.3

145 31.7 25.2 37.8





#71

Naphthalene

Concen: 24.956 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

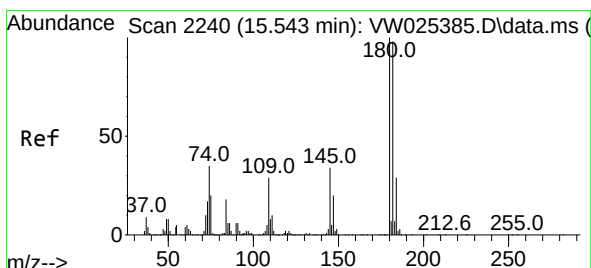
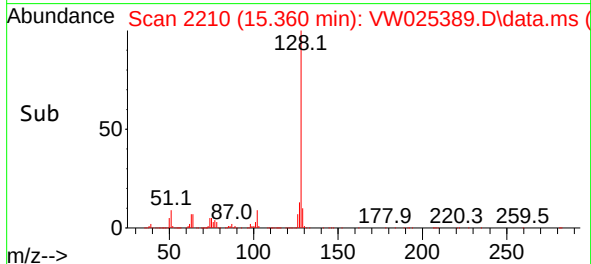
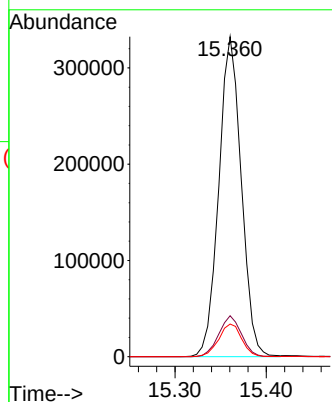
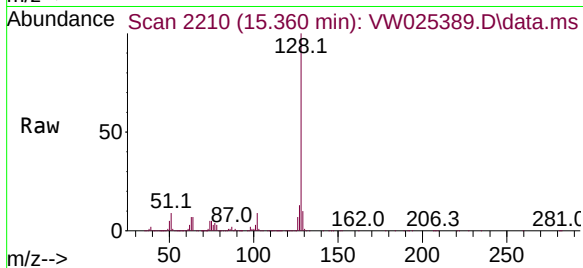
Tgt Ion:128 Resp: 568236

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.5 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 24.098 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW025389.D

Acq: 10 Mar 2023 13:46

Tgt Ion:180 Resp: 249678

Ion Ratio Lower Upper

180 100

182 94.1 76.6 114.8

145 34.4 27.7 41.5

