

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072423\
 Data File : VW026640.D
 Acq On : 24 Jul 2023 09:13
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025567

Quant Time: Jul 25 01:45:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 22 01:25:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	648646	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	587036	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	309952	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	182939	16.720	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.880%
7) Chloroethane-d5	2.893	69	149180	19.431	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.720%
11) 1,1-Dichloroethene-d2	4.027	65	91241	17.757	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.040%
21) 2-Butanone-d5	7.081	46	132731	37.536	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.080%
24) Chloroform-d	7.648	84	437610	23.433	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.720%
26) 1,2-Dichloroethane-d4	8.307	65	235008	22.538	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.160%
32) Benzene-d6	8.276	84	842605	20.909	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.640%
36) 1,2-Dichloropropane-d6	9.276	67	275257	22.214	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.840%
41) Toluene-d8	10.325	98	735885	21.291	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.160%
43) trans-1,3-Dichloroprop...	10.575	79	103775	20.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.600%
47) 2-Hexanone-d5	10.922	63	94546	39.103	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	222435	21.198	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	230866	20.287	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	136492	18.654	ug/L	97
3) Chloromethane	2.223	50	221762	21.212	ug/L	97
5) Vinyl chloride	2.375	62	239741	21.759	ug/L	95
6) Bromomethane	2.789	94	131900	22.520	ug/L	97
8) Chloroethane	2.936	64	147459	23.935	ug/L	99
9) Trichlorofluoromethane	3.265	101	192763	23.621	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	206582	22.809	ug/L	98
12) 1,1-Dichloroethene	4.045	96	197081	22.680	ug/L	89
13) Acetone	4.131	43	123209	48.439	ug/L	99
14) Carbon disulfide	4.387	76	660132	21.671	ug/L	99
15) Methyl Acetate	4.673	43	119347	19.530	ug/L	99
16) Methylene chloride	4.917	84	235484	20.550	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	222152	23.911	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	333680	22.948	ug/L	99
19) 1,1-Dichloroethane	6.216	63	461032	24.819	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	240868	25.036	ug/L	99
22) 2-Butanone	7.173	43	168152	43.412	ug/L	99
23) Bromochloromethane	7.514	128	100982	24.504	ug/L	93
25) Chloroform	7.679	83	437464	25.704	ug/L	97

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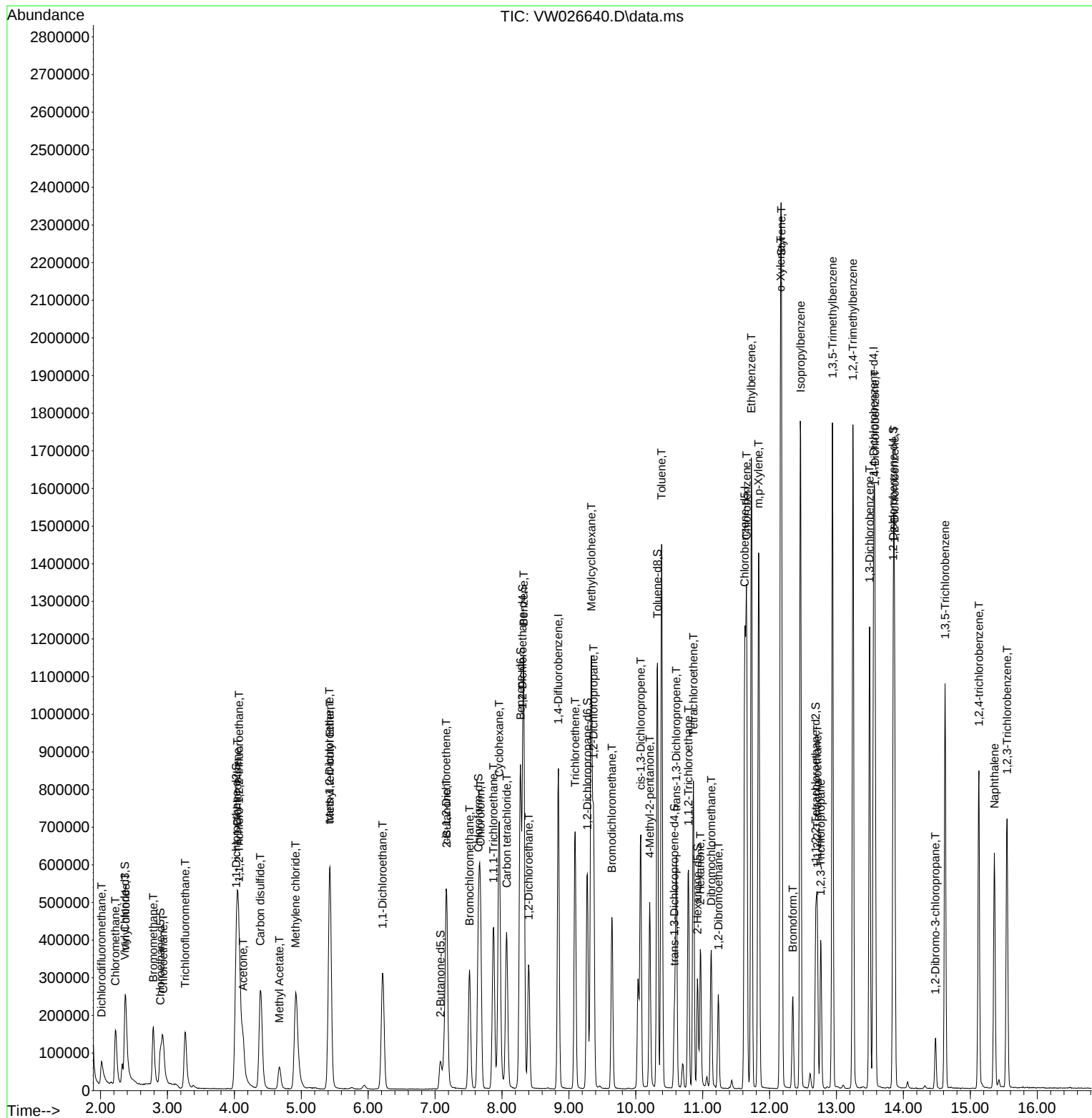
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	304014	25.374	ug/L	98
29) Cyclohexane	7.959	56	408675	22.359	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	348617	24.229	ug/L	99
31) Carbon tetrachloride	8.069	117	324351	24.834	ug/L	96
33) Benzene	8.325	78	981021	24.254	ug/L	100
34) Trichloroethene	9.093	95	246650	23.739	ug/L	95
35) Methylcyclohexane	9.337	83	433654	23.244	ug/L	99
37) 1,2-Dichloropropane	9.368	63	267664	24.919	ug/L	99
38) Bromodichloromethane	9.642	83	308884	25.310	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	387243	25.040	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	330084	40.713	ug/L	99
42) Toluene	10.386	91	1015808	24.868	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	331021	25.380	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	178393	23.795	ug/L	97
46) Tetrachloroethene	10.861	164	172732	23.418	ug/L	95
48) 2-Hexanone	10.965	43	234626	41.468	ug/L	100
49) Dibromochloromethane	11.129	129	190191	25.621	ug/L	97
50) 1,2-Dibromoethane	11.233	107	162624	23.012	ug/L	100
51) Chlorobenzene	11.654	112	617107	24.640	ug/L	99
52) Ethylbenzene	11.727	91	1146144	25.203	ug/L	99
53) m,p-Xylene	11.837	106	421440	25.473	ug/L	94
54) o-Xylene	12.166	106	392427	25.271	ug/L	98
55) Styrene	12.178	104	702693	26.828	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	225941	22.964	ug/L	95
59) Bromoform	12.349	173	108203	22.072	ug/L	96
60) Isopropylbenzene	12.465	105	1100670	22.952	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	164285	19.624	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	883388	24.017	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	892270	24.467	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	459436	22.831	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	472315	23.535	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	415193	23.313	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	37182	18.660	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	289984	21.776	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	243689	22.300	ug/L	98
71) Naphthalene	15.360	128	499313	20.176	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	219749	21.360	ug/L	98

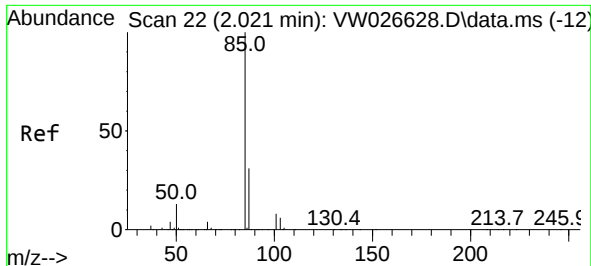
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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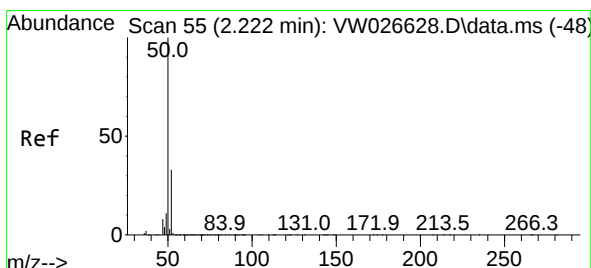
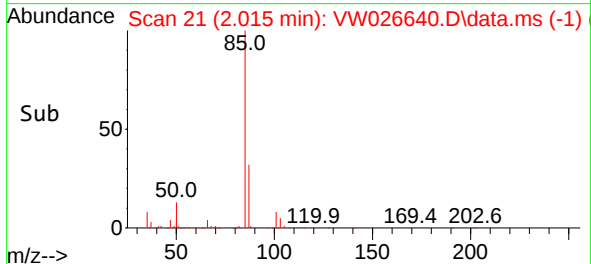
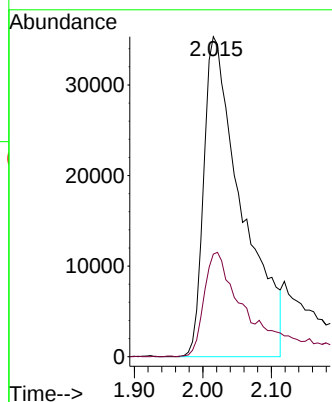
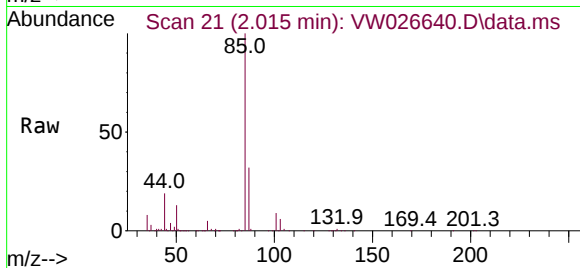




#2
 Dichlorodifluoromethane
 Concen: 18.654 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW026640.D
 Acq: 24 Jul 2023 09:13

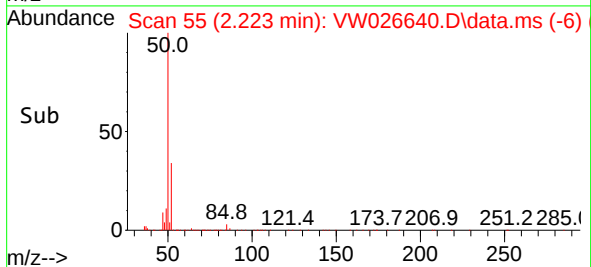
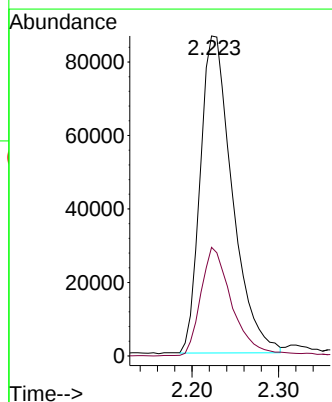
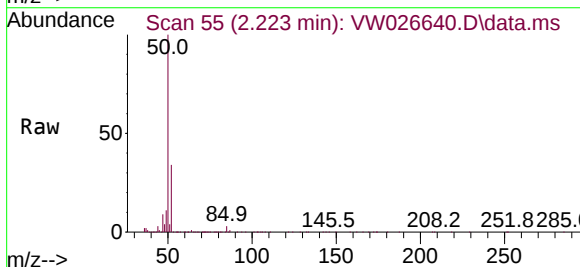
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 ClientSampleId :
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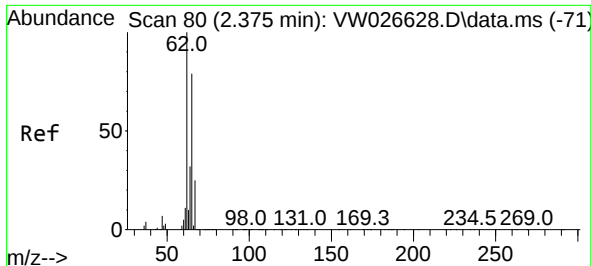
Tgt Ion: 85 Resp: 136492
 Ion Ratio Lower Upper
 85 100
 87 28.3 21.4 32.0



#3
 Chloromethane
 Concen: 21.212 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026640.D
 Acq: 24 Jul 2023 09:13

Tgt Ion: 50 Resp: 221762
 Ion Ratio Lower Upper
 50 100
 52 33.9 22.5 41.7

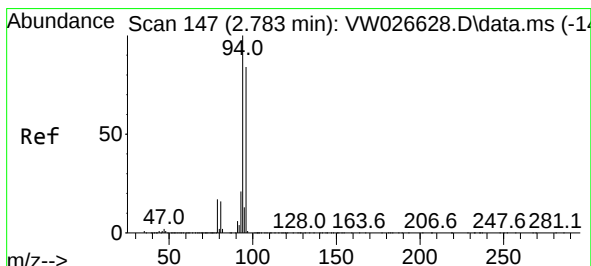
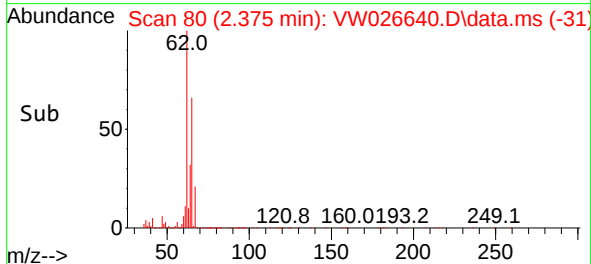
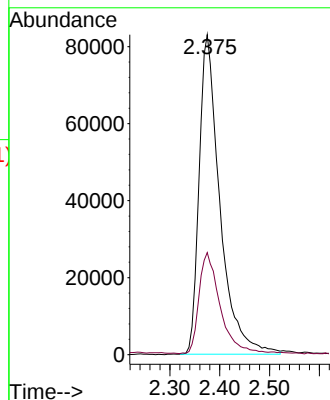
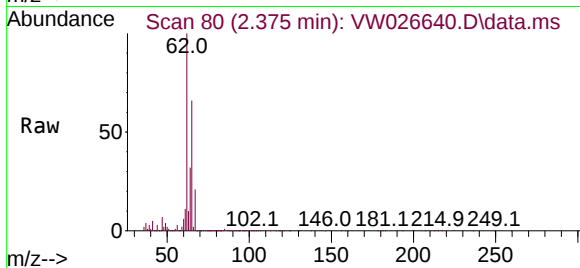




#5
 Vinyl chloride
 Concen: 21.759 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026640.D
 Acq: 24 Jul 2023 09:13

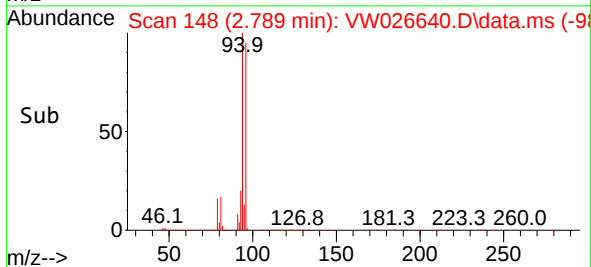
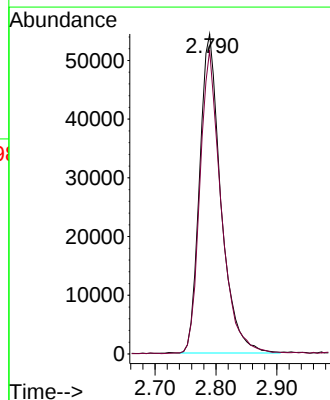
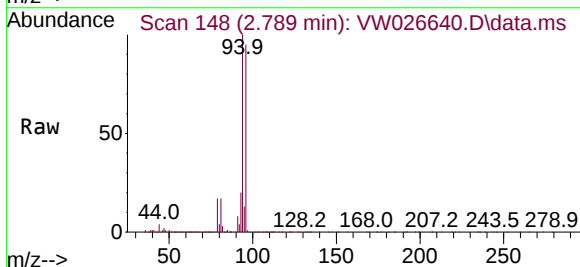
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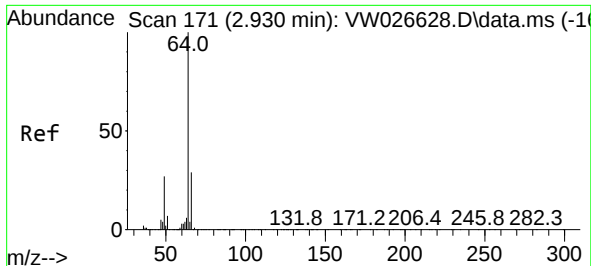
Tgt Ion: 62 Resp: 239741
 Ion Ratio Lower Upper
 62 100
 64 31.9 24.2 45.0



#6
 Bromomethane
 Concen: 22.520 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026640.D
 Acq: 24 Jul 2023 09:13

Tgt Ion: 94 Resp: 131900
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.5 119.9

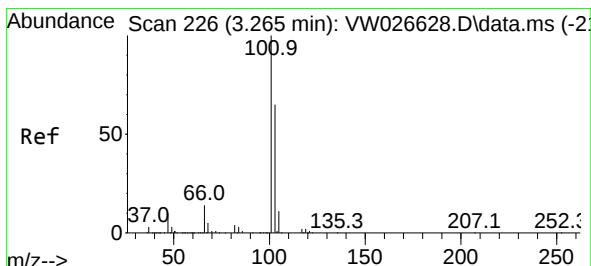
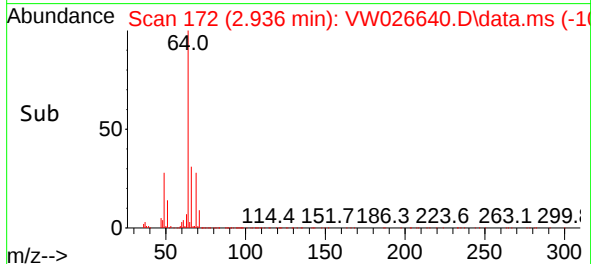
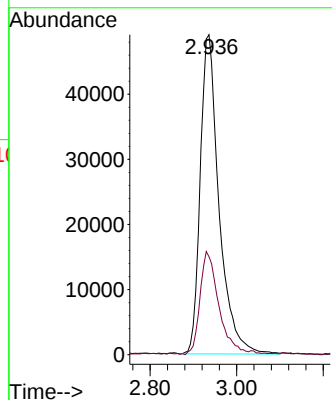
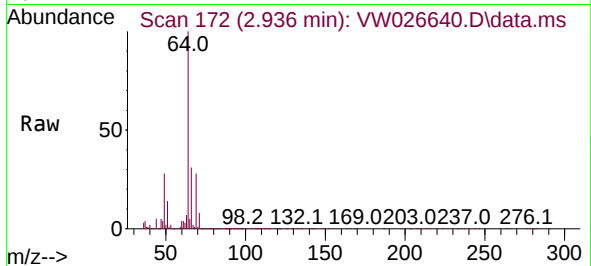




#8
Chloroethane
Concen: 23.935 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

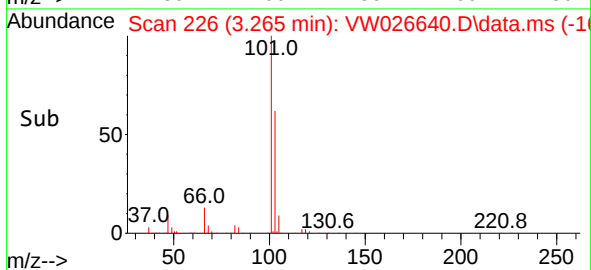
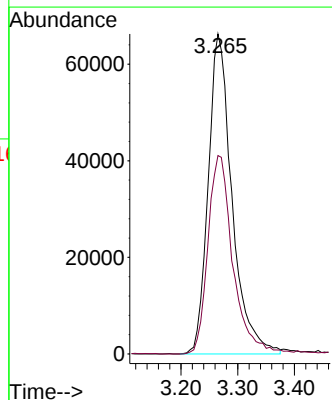
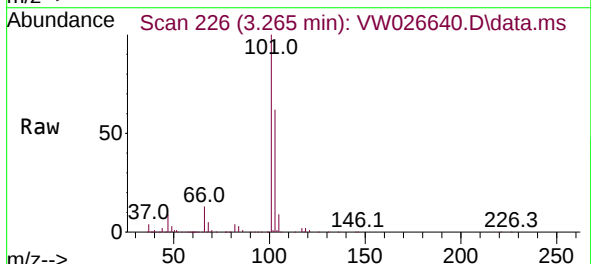
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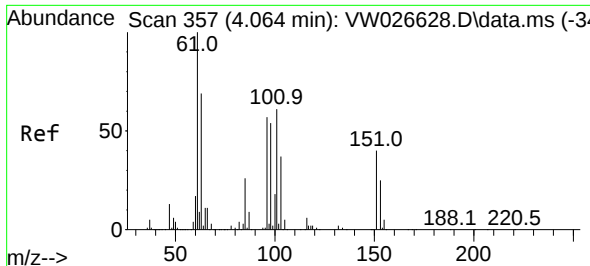
Tgt Ion: 64 Resp: 147459
Ion Ratio Lower Upper
64 100
66 30.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.621 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

Tgt Ion: 101 Resp: 192763
Ion Ratio Lower Upper
101 100
103 64.4 50.3 75.5

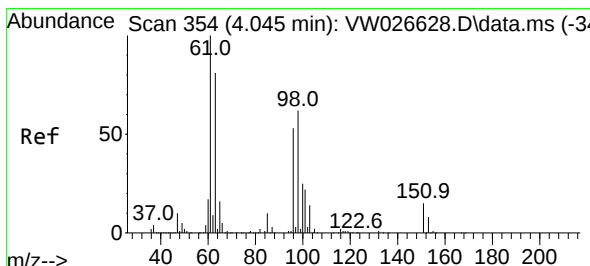
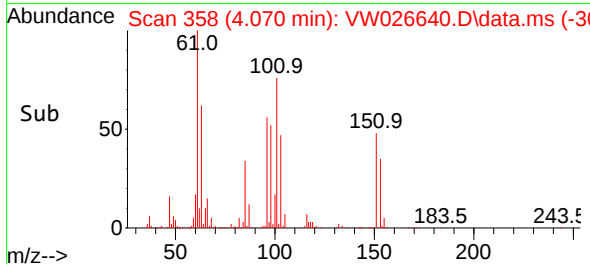
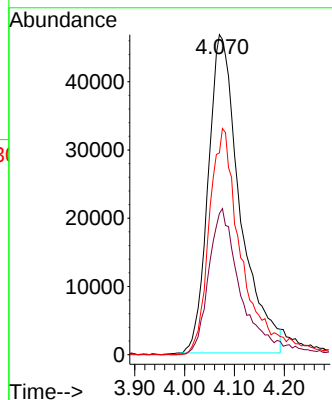
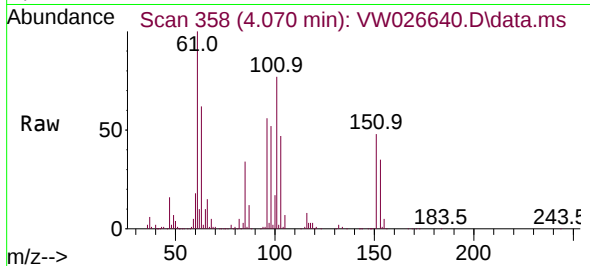




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.809 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW026640.D
 Acq: 24 Jul 2023 09:13

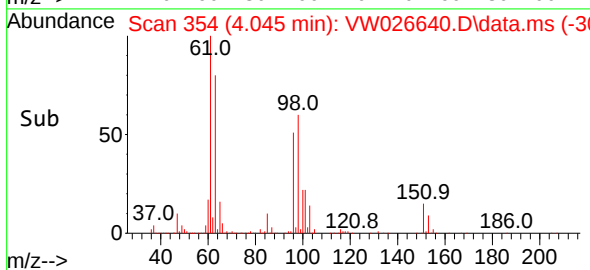
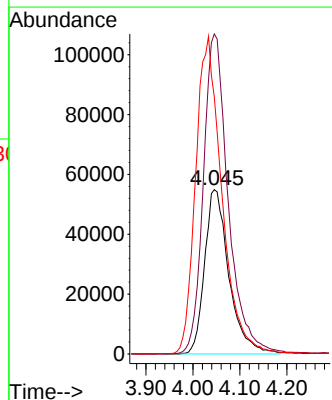
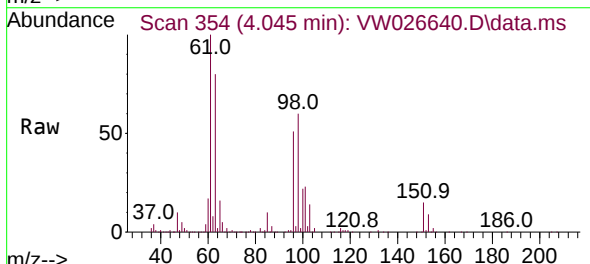
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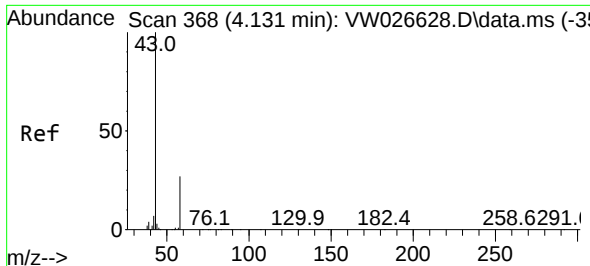
Tgt Ion:101 Resp: 206582
 Ion Ratio Lower Upper
 101 100
 85 43.8 36.1 54.1
 151 68.1 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 22.680 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026640.D
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Tgt Ion: 96 Resp: 197081
 Ion Ratio Lower Upper
 96 100
 61 194.7 140.8 261.4
 63 156.6 127.7 237.3

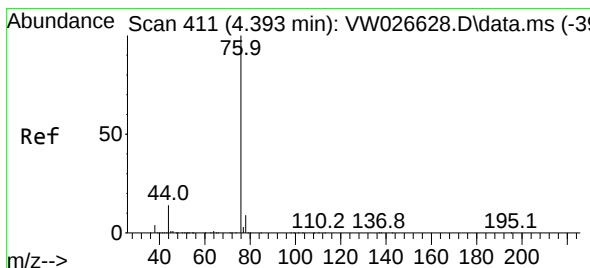
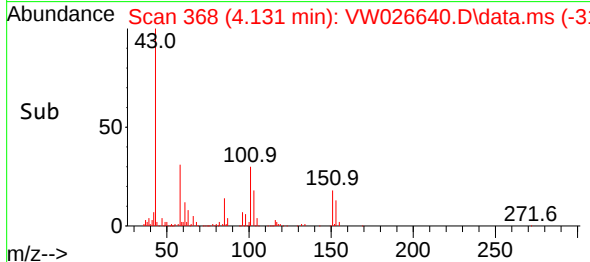
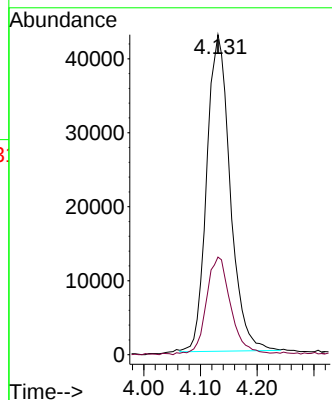
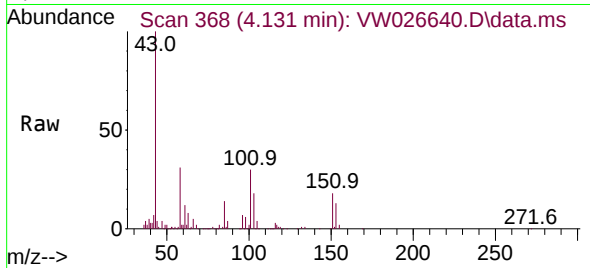




#13
Acetone
Concen: 48.439 ug/L
RT: 4.131 min Scan# 30
Delta R.T. 0.000 min
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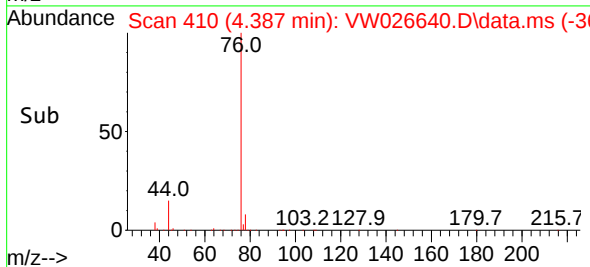
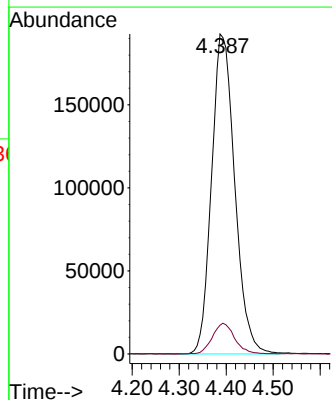
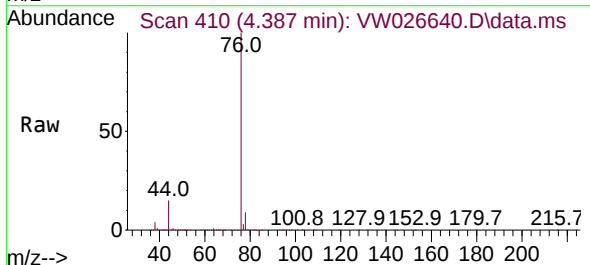
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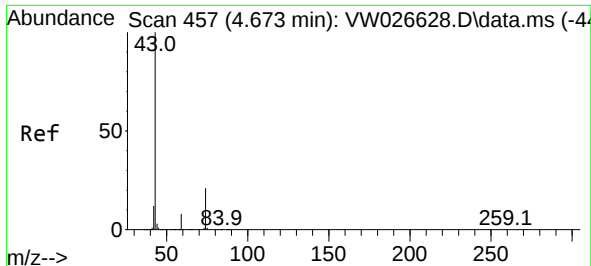
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Ion Ratio Lower Upper
43 100
58 32.1 0.0 63.2



#14
Carbon disulfide
Concen: 21.671 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Acq: 24 Jul 2023 09:13

Tgt Ion: 76 Resp: 660132
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3

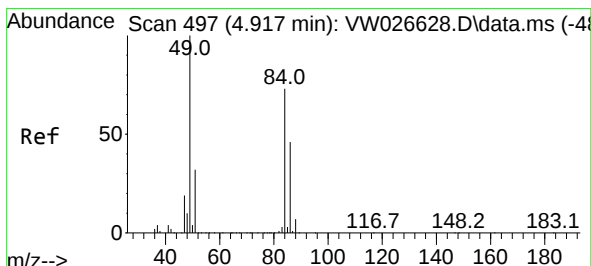
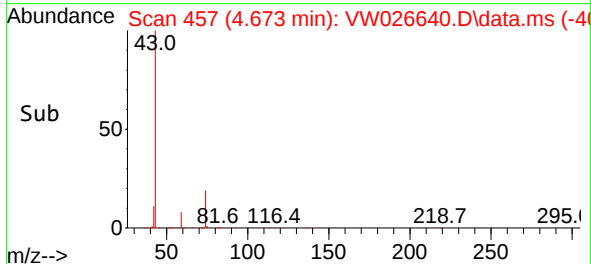
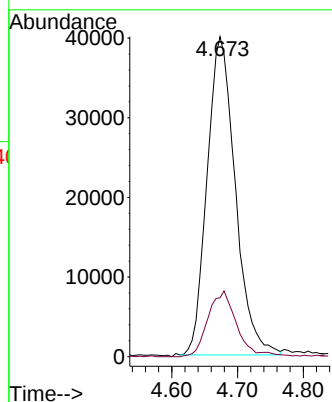
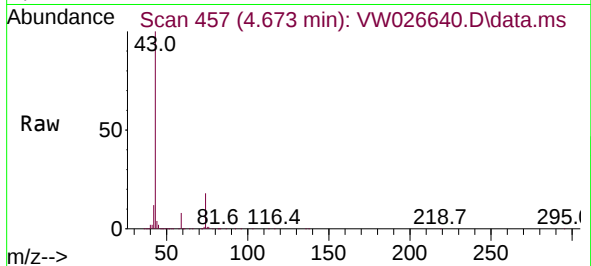




#15
Methyl Acetate
Concen: 19.530 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

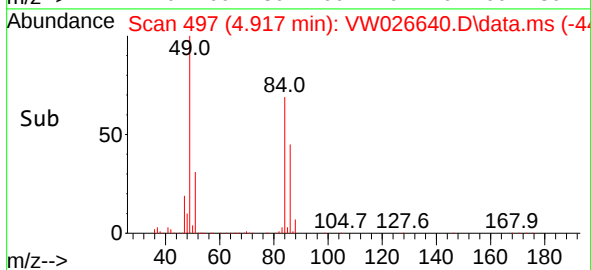
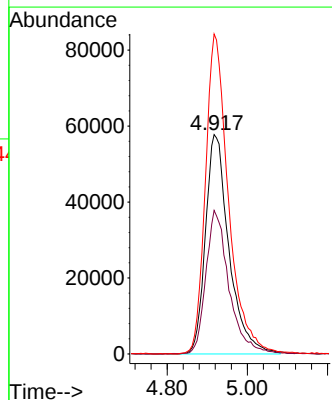
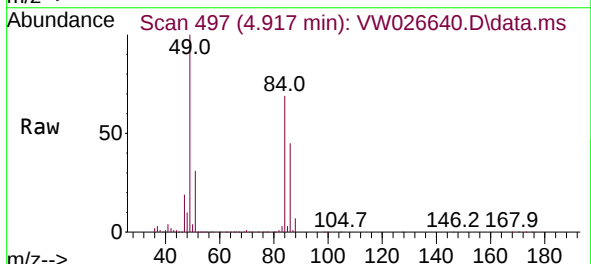
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

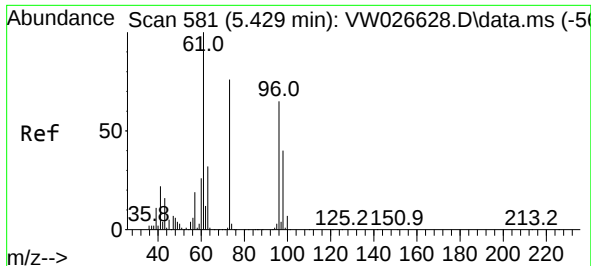
Tgt Ion: 43 Resp: 119347
Ion Ratio Lower Upper
43 100
74 20.1 16.3 24.5



#16
Methylene chloride
Concen: 20.550 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

Tgt Ion: 84 Resp: 235484
Ion Ratio Lower Upper
84 100
86 65.4 43.8 81.3
49 145.9 99.2 184.2

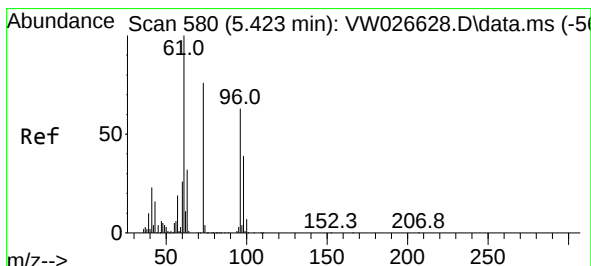
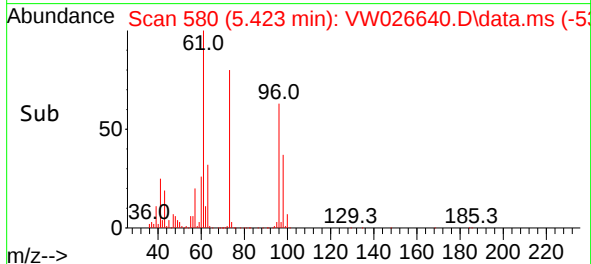
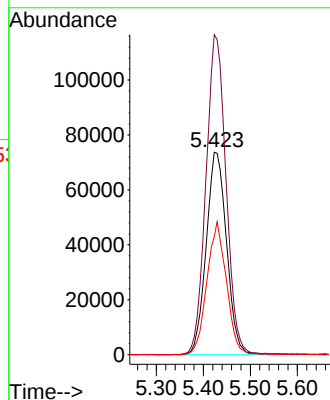
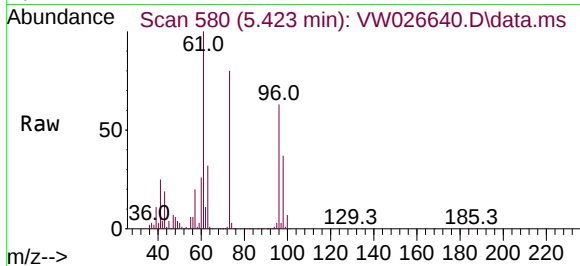




#17
trans-1,2-Dichloroethene
Concen: 23.911 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

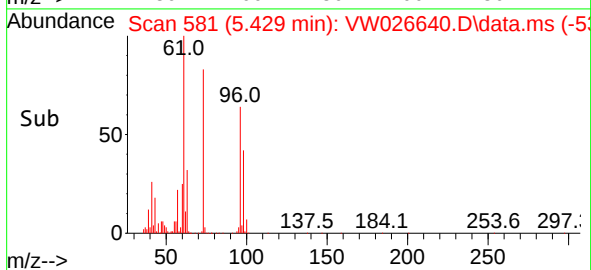
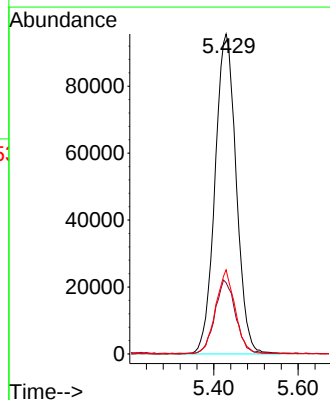
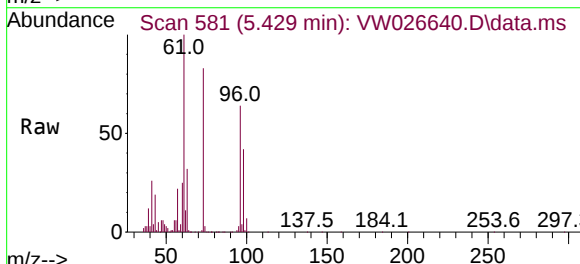
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

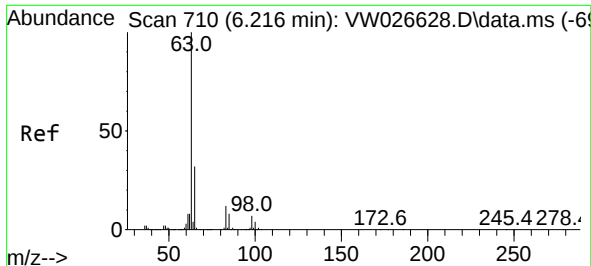
Tgt Ion: 96 Resp: 222152
Ion Ratio Lower Upper
96 100
61 158.1 108.1 200.9
98 58.4 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 22.948 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

Tgt Ion: 73 Resp: 333680
Ion Ratio Lower Upper
73 100
43 22.1 17.4 26.2
57 24.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.819 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

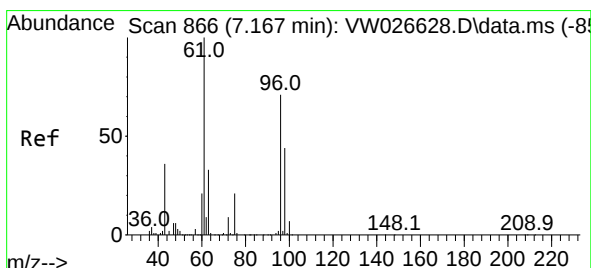
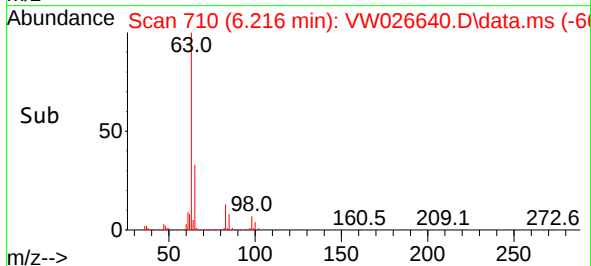
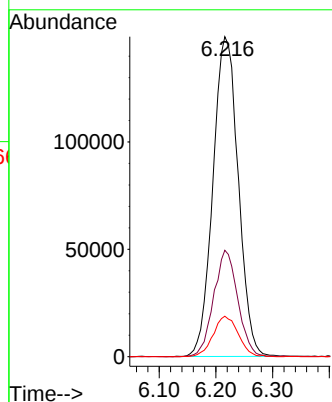
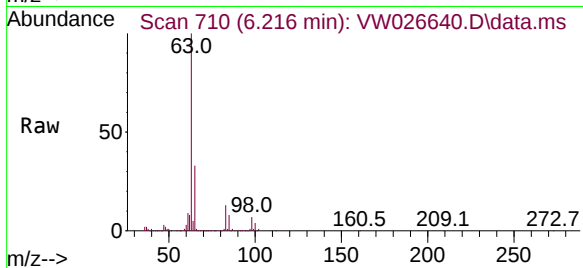
Tgt Ion: 63 Resp: 461032

Ion Ratio Lower Upper

63 100

65 33.2 22.3 41.5

83 12.6 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 25.036 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

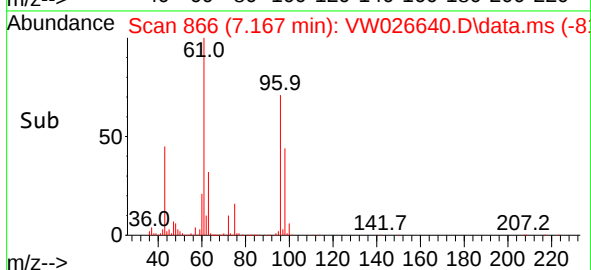
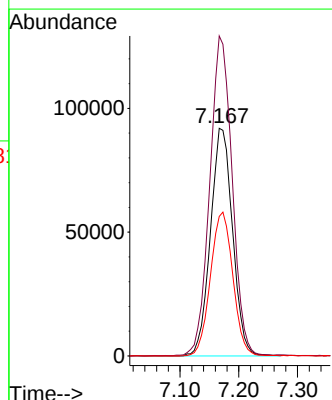
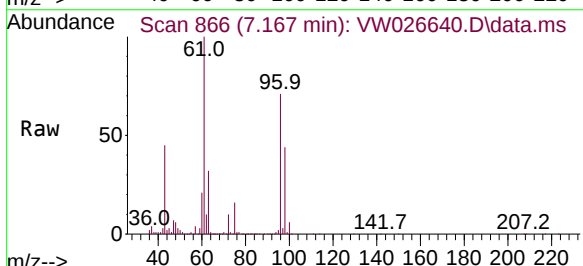
Tgt Ion: 96 Resp: 240868

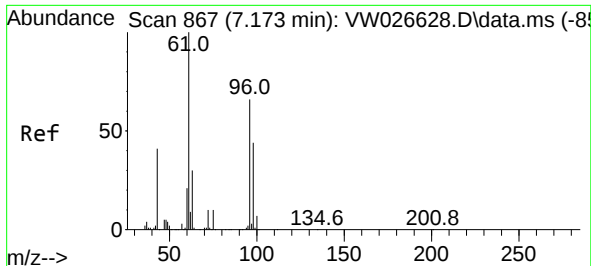
Ion Ratio Lower Upper

96 100

61 140.6 98.8 183.6

98 61.3 42.4 78.6

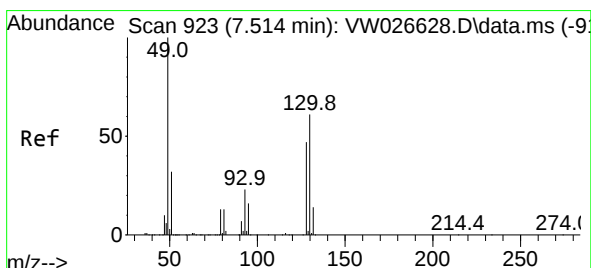
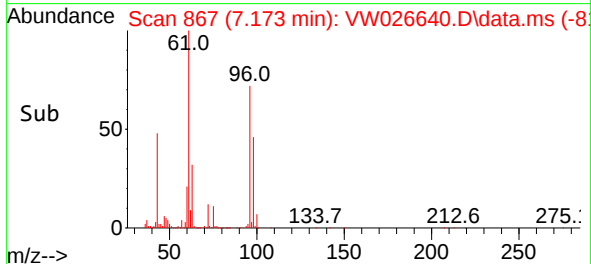
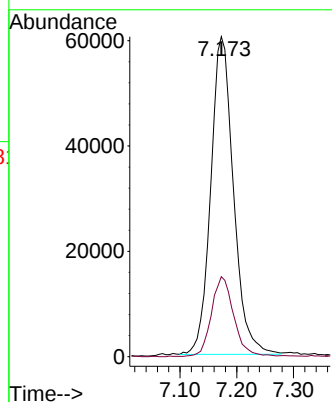
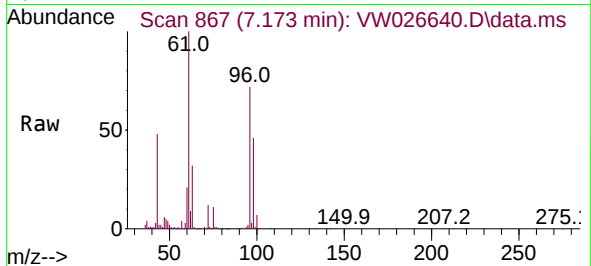




#22
2-Butanone
Concen: 43.412 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

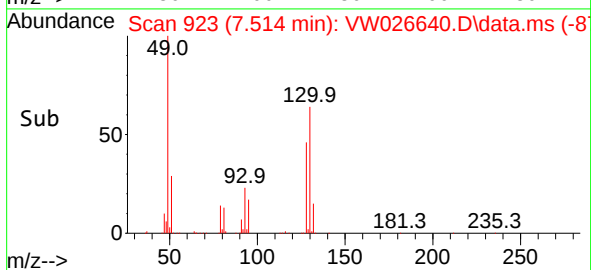
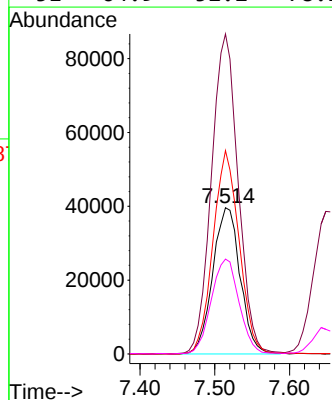
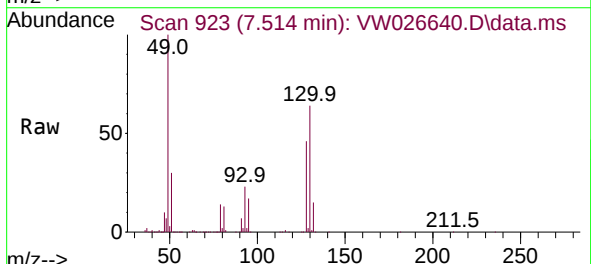
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

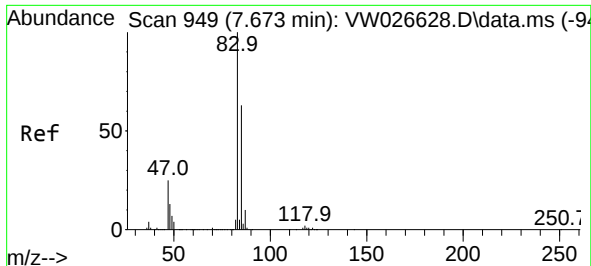
Tgt Ion: 43 Resp: 168152
Ion Ratio Lower Upper
43 100
72 24.4 11.9 35.5



#23
Bromochloromethane
Concen: 24.504 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

Tgt Ion: 128 Resp: 100982
Ion Ratio Lower Upper
128 100
49 218.7 142.1 263.9
130 139.1 92.9 172.5
51 64.9 52.2 78.2





#25

Chloroform

Concen: 25.704 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

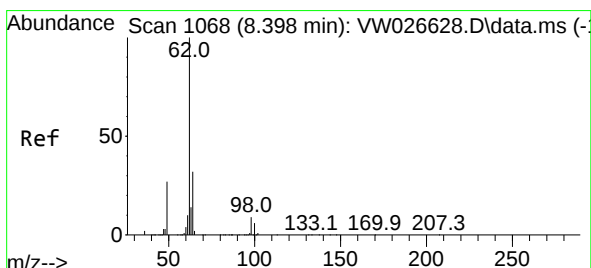
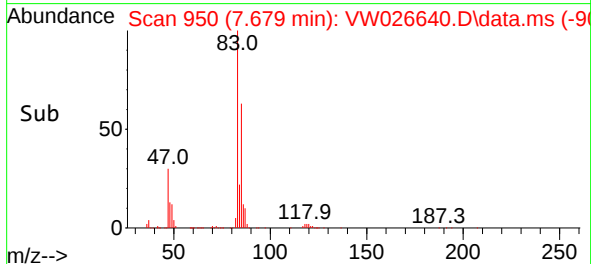
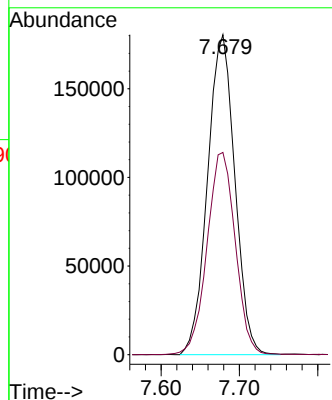
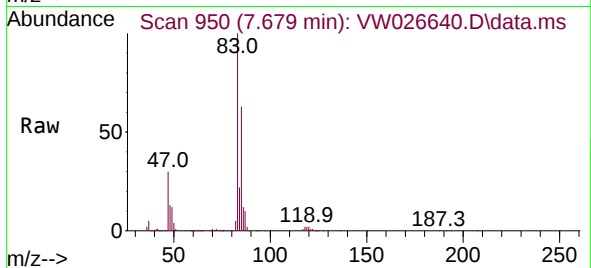
VSTD025567

Tgt Ion: 83 Resp: 437464

Ion Ratio Lower Upper

83 100

85 63.2 45.7 84.9



#27

1,2-Dichloroethane

Concen: 25.374 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW026640.D

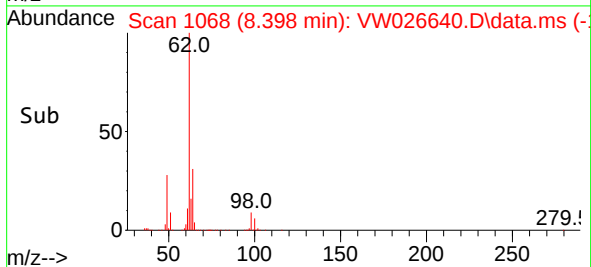
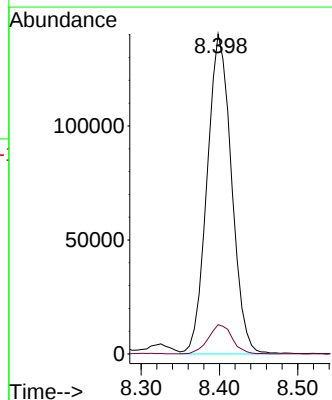
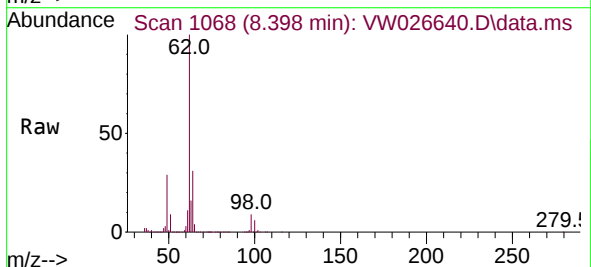
Acq: 24 Jul 2023 09:13

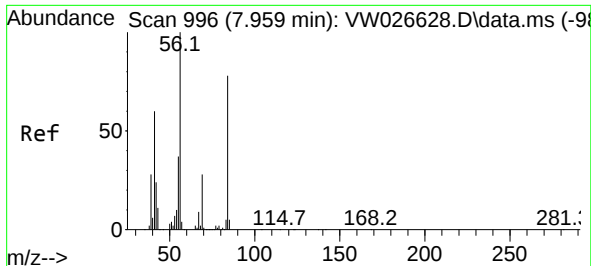
Tgt Ion: 62 Resp: 304014

Ion Ratio Lower Upper

62 100

98 9.1 6.7 10.1

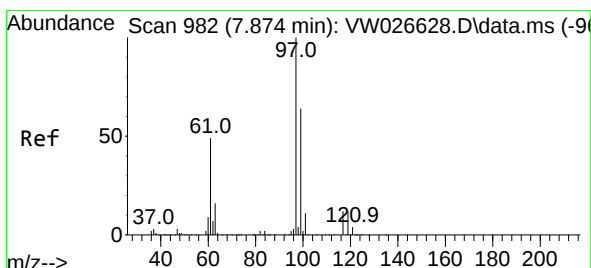
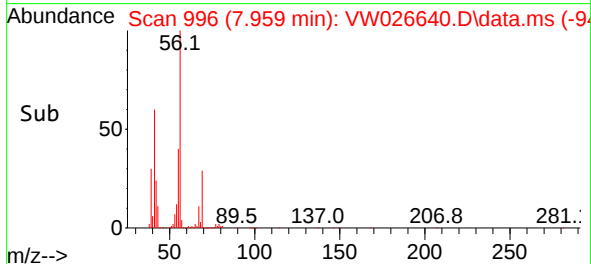
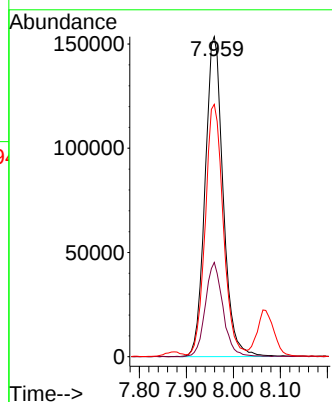
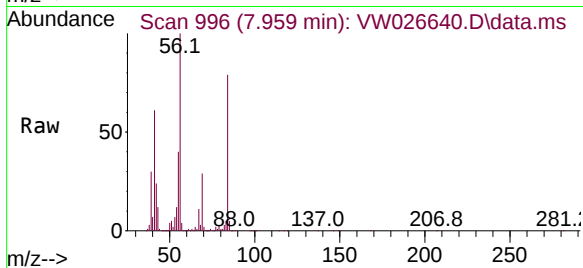




#29
Cyclohexane
Concen: 22.359 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

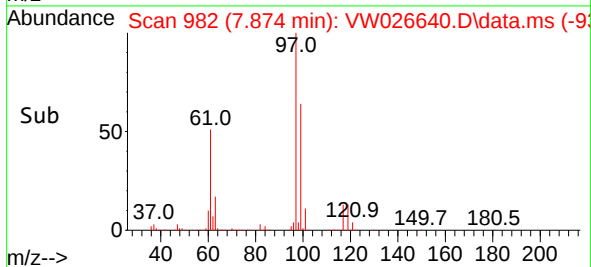
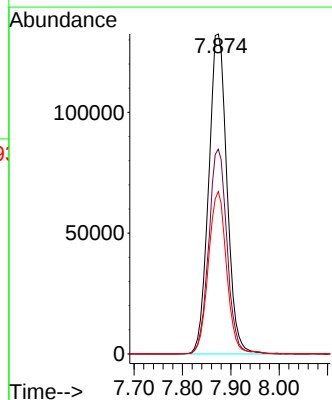
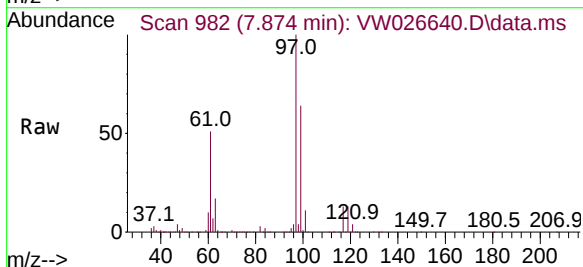
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

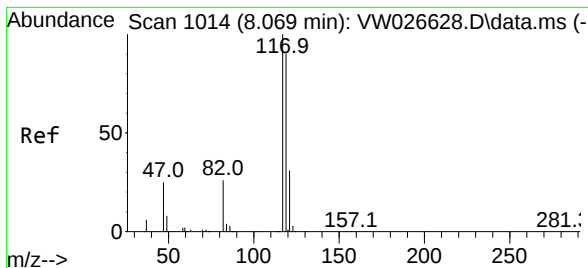
Tgt Ion: 56 Resp: 408675
Ion Ratio Lower Upper
56 100
69 28.8 23.4 35.0
84 79.0 62.6 94.0



#30
1,1,1-Trichloroethane
Concen: 24.229 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

Tgt Ion: 97 Resp: 348617
Ion Ratio Lower Upper
97 100
99 63.8 49.9 74.9
61 50.1 39.8 59.8





#31

Carbon tetrachloride

Concen: 24.834 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

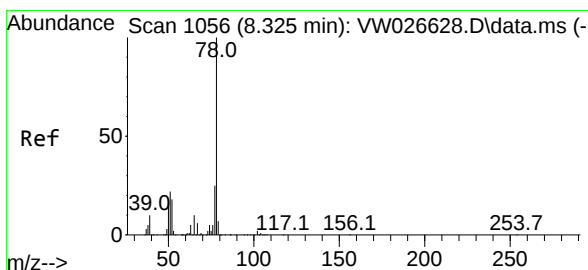
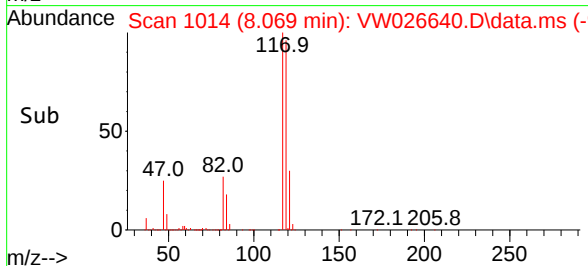
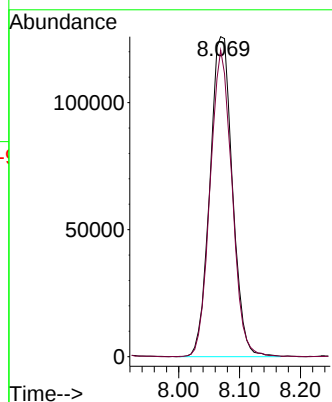
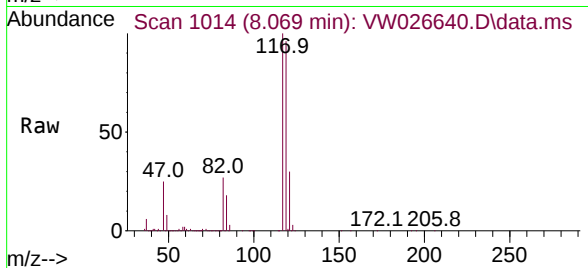
VSTD025567

Tgt Ion:117 Resp: 324351

Ion Ratio Lower Upper

117 100

119 92.7 77.1 115.7



#33

Benzene

Concen: 24.254 ug/L

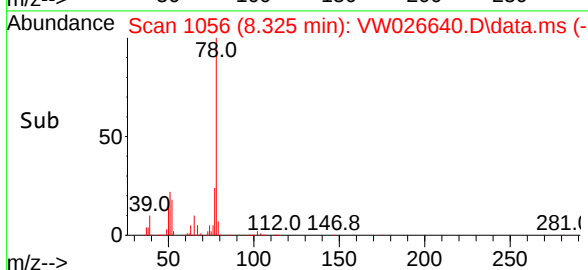
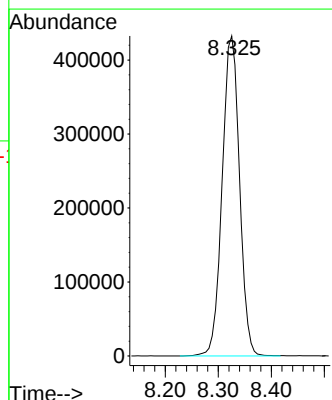
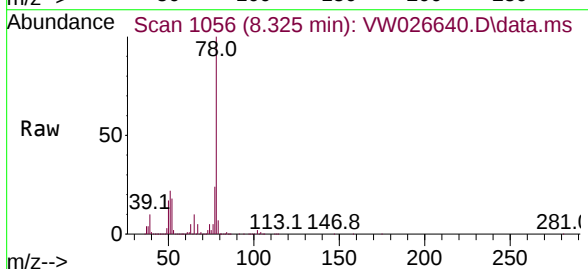
RT: 8.325 min Scan# 1056

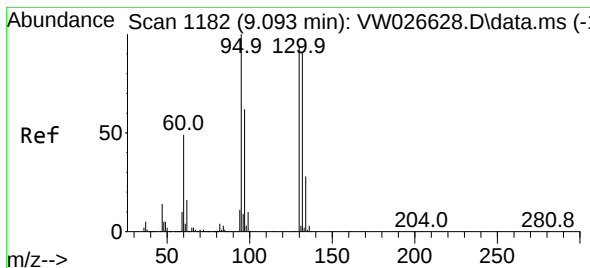
Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

Tgt Ion: 78 Resp: 981021





#34

Trichloroethene

Concen: 23.739 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

Tgt Ion: 95 Resp: 246650

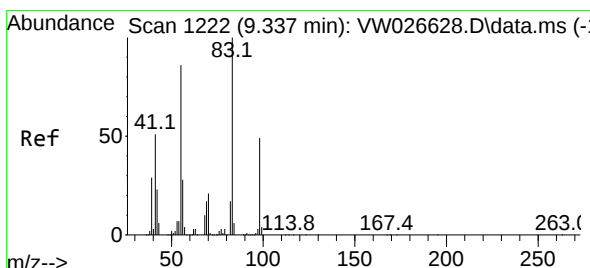
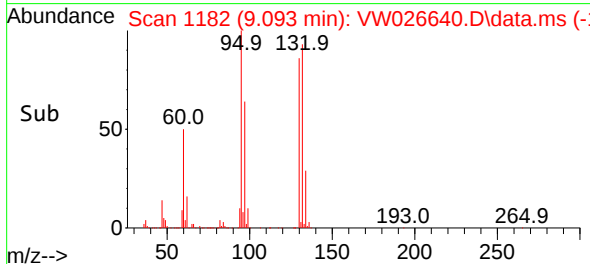
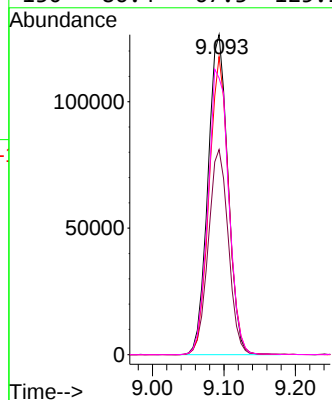
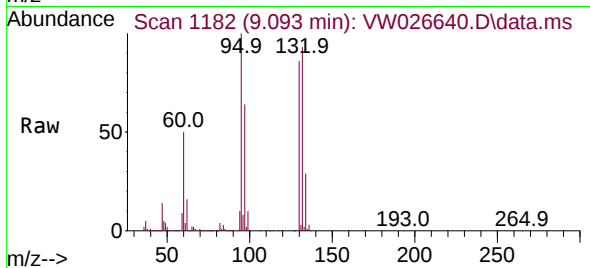
Ion Ratio Lower Upper

95 100

97 64.1 47.9 88.9

132 93.2 65.0 120.8

130 86.4 67.3 125.1



#35

Methylcyclohexane

Concen: 23.244 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

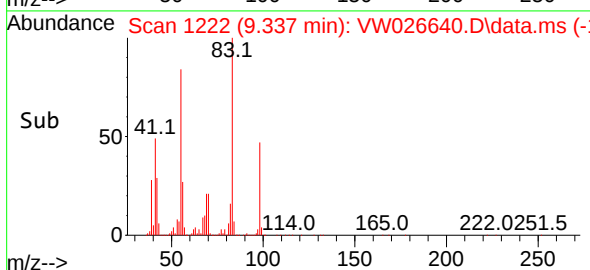
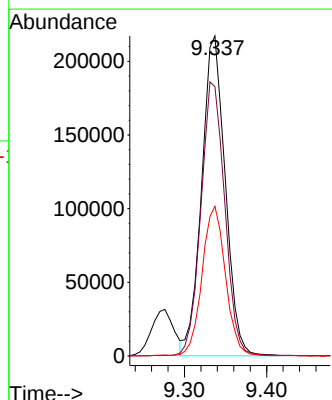
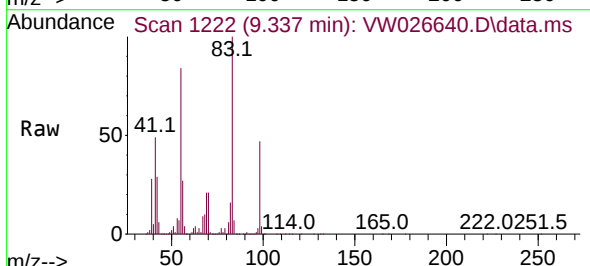
Tgt Ion: 83 Resp: 433654

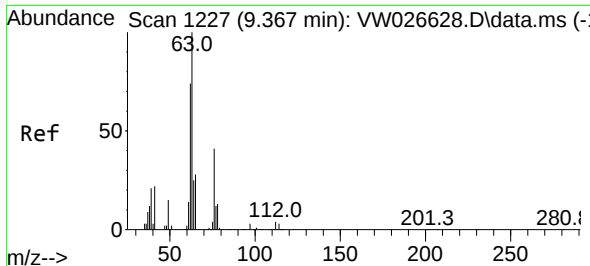
Ion Ratio Lower Upper

83 100

55 86.6 68.7 103.1

98 46.1 37.3 55.9





#37

1,2-Dichloropropane

Concen: 24.919 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

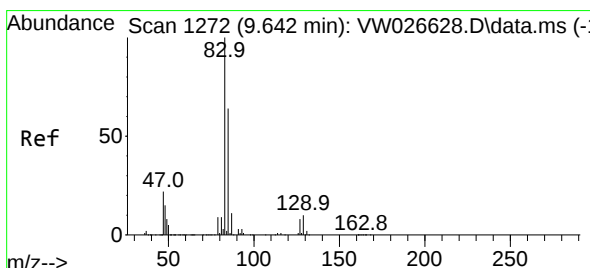
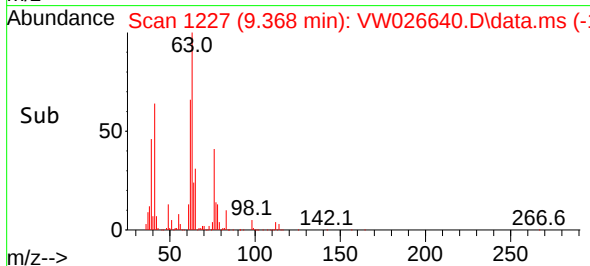
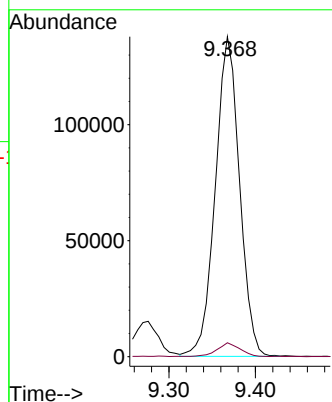
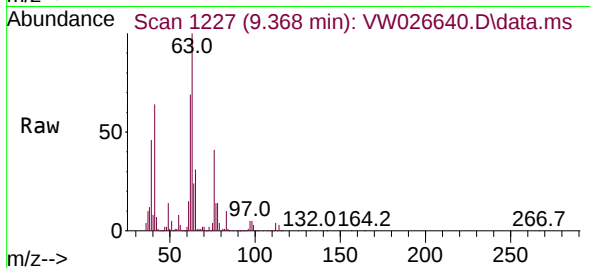
VSTD025567

Tgt Ion: 63 Resp: 267664

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.2



#38

Bromodichloromethane

Concen: 25.310 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

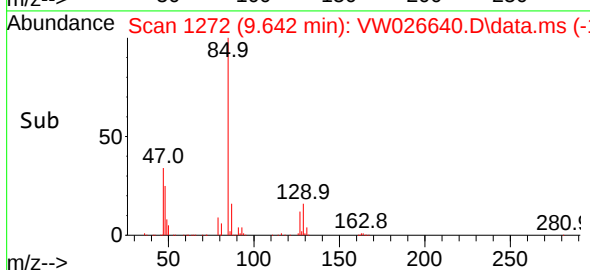
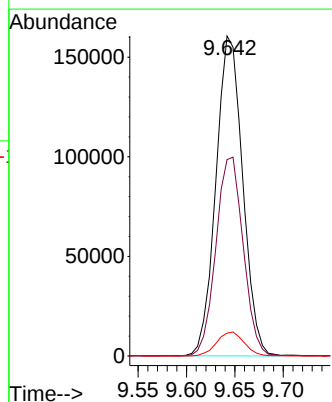
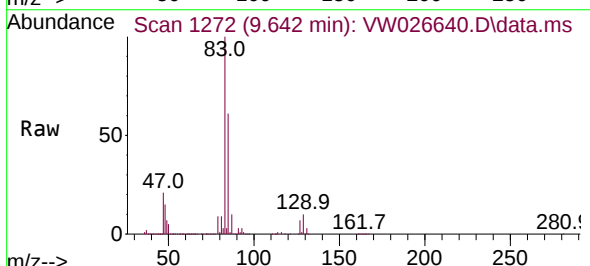
Tgt Ion: 83 Resp: 308884

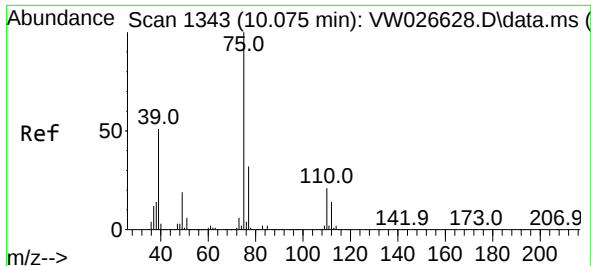
Ion Ratio Lower Upper

83 100

85 61.3 43.3 80.3

127 7.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 25.040 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

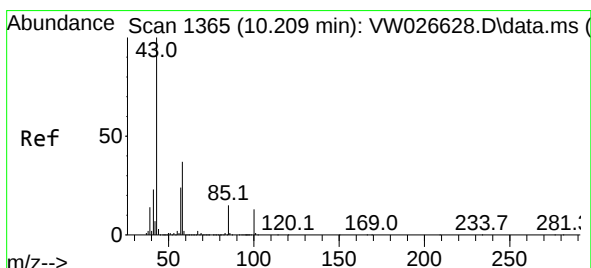
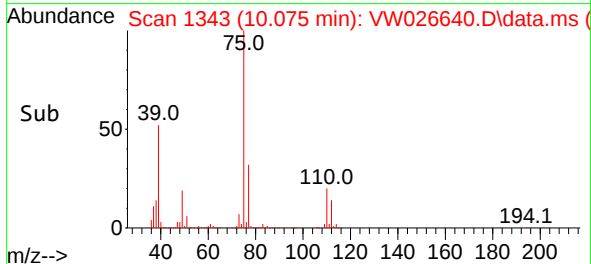
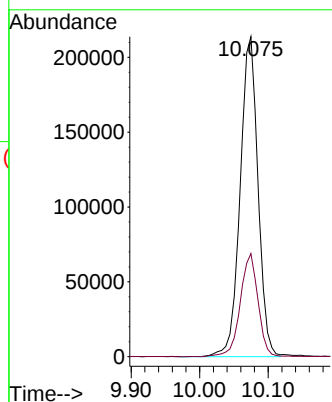
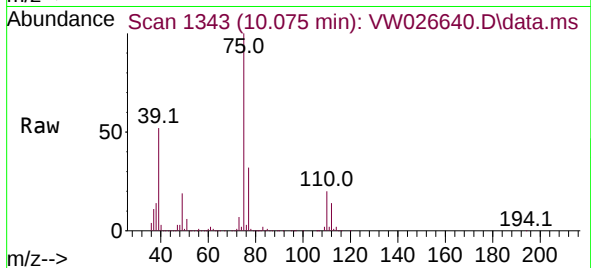
VSTD025567

Tgt Ion: 75 Resp: 387243

Ion Ratio Lower Upper

75 100

77 32.2 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 40.713 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

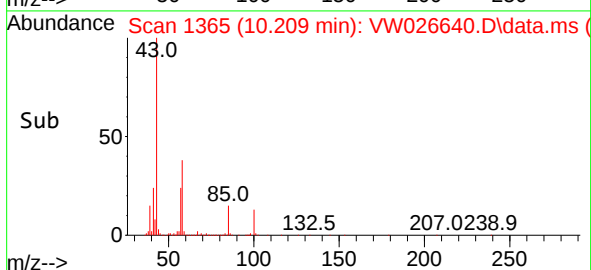
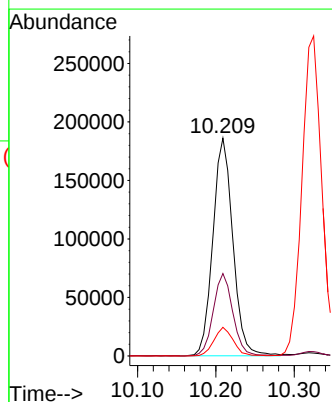
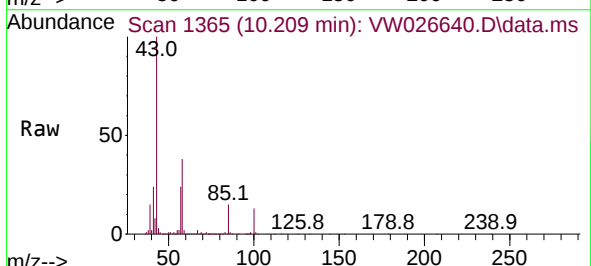
Tgt Ion: 43 Resp: 330084

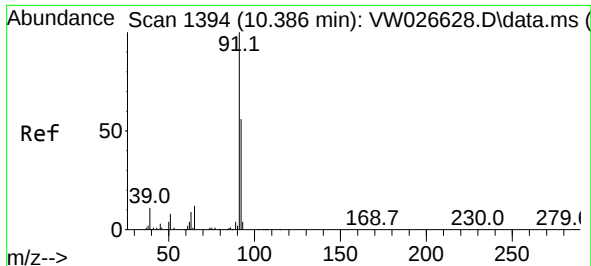
Ion Ratio Lower Upper

43 100

58 37.1 29.8 44.8

100 12.6 10.7 16.1

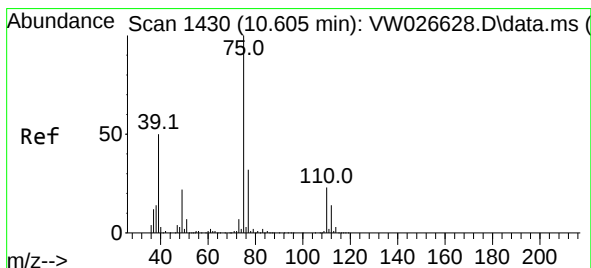
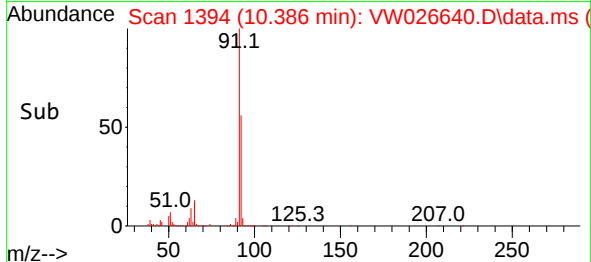
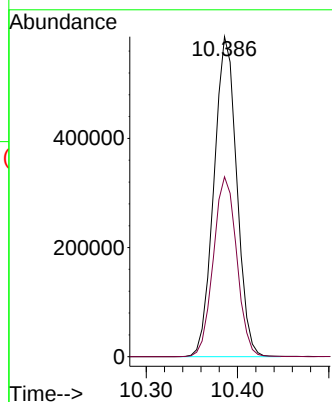
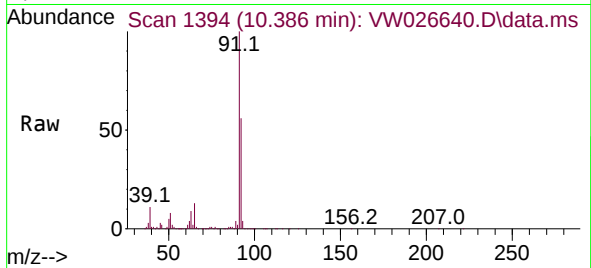




#42
Toluene
Concen: 24.868 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

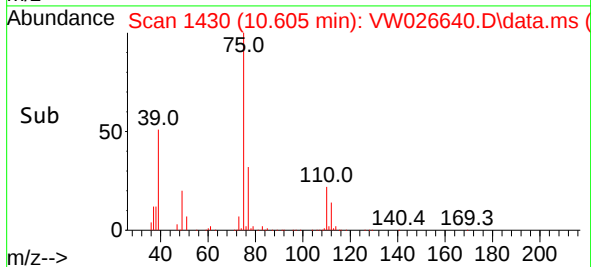
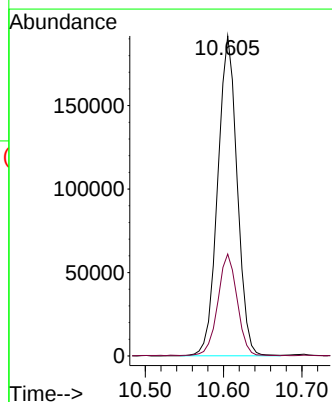
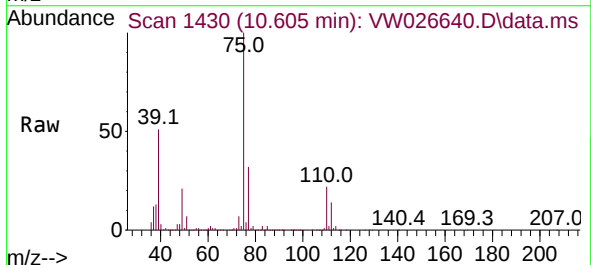
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

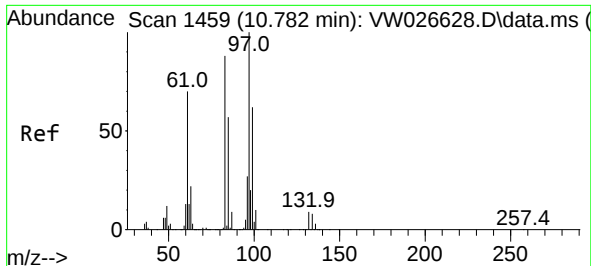
Tgt Ion: 91 Resp: 1015808
Ion Ratio Lower Upper
91 100
92 56.2 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 25.380 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

Tgt Ion: 75 Resp: 331021
Ion Ratio Lower Upper
75 100
77 31.8 23.0 42.6



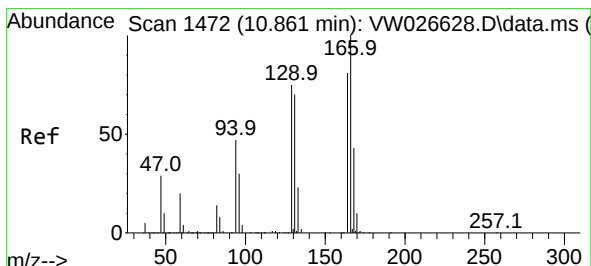
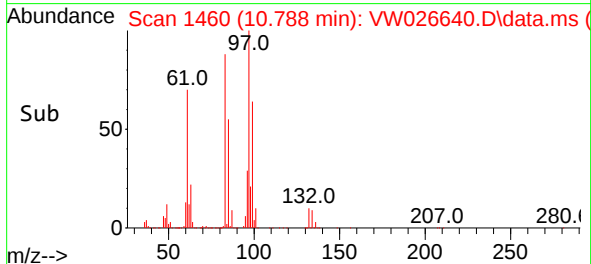
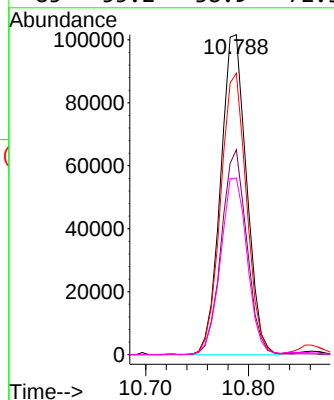
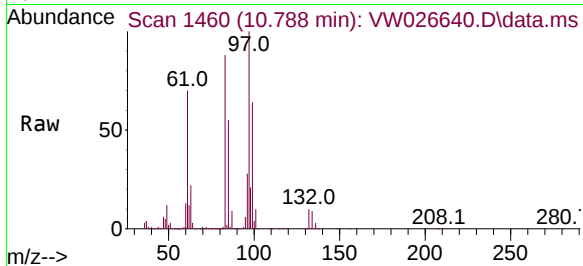


#45
1,1,2-Trichloroethane
Concen: 23.795 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

Tgt Ion: 97 Resp: 178393

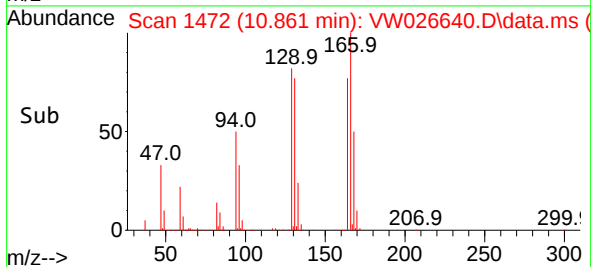
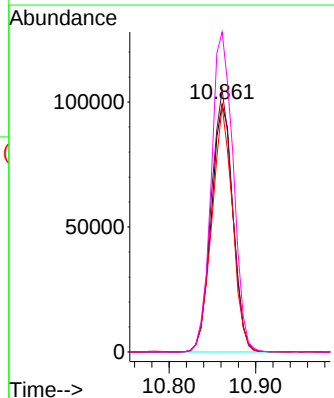
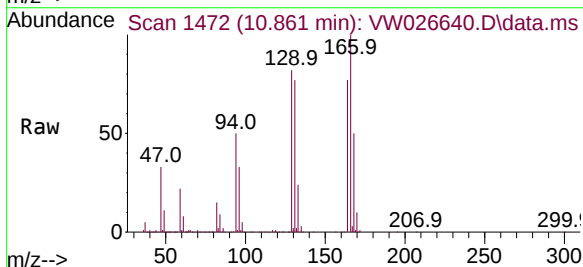
Ion	Ratio	Lower	Upper
97	100		
99	64.1	40.5	75.3
83	88.0	61.0	113.2
85	55.2	38.9	72.3

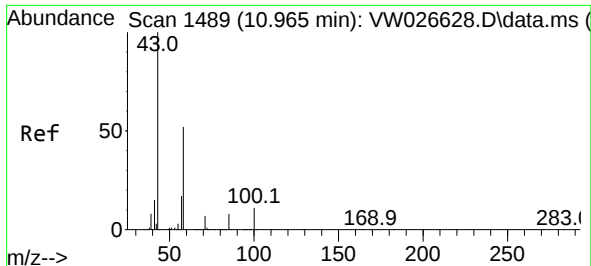


#46
Tetrachloroethene
Concen: 23.418 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

Tgt Ion: 164 Resp: 172732

Ion	Ratio	Lower	Upper
164	100		
129	105.8	75.5	140.1
131	99.3	74.8	138.8
166	129.2	95.1	176.5

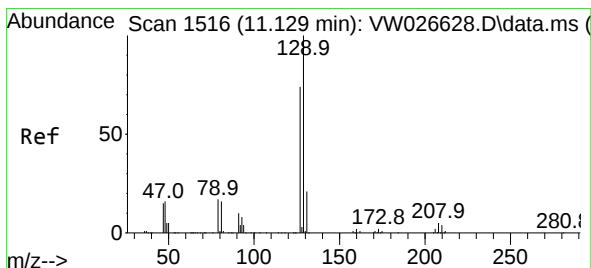
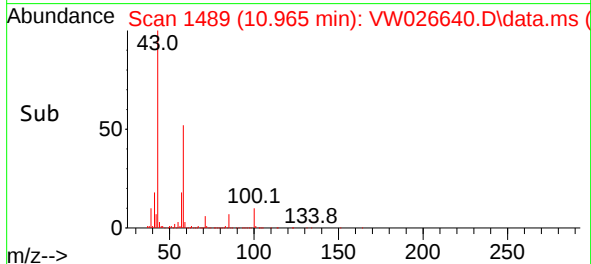
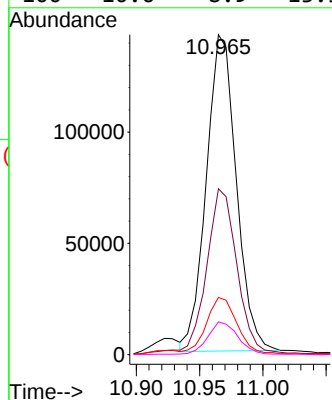
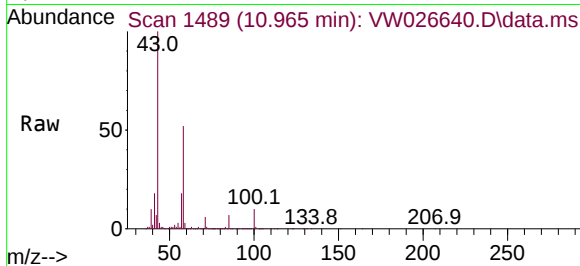




#48
2-Hexanone
Concen: 41.468 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

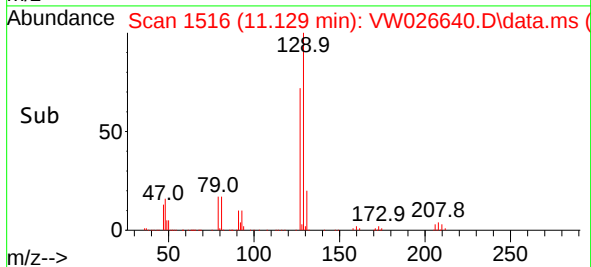
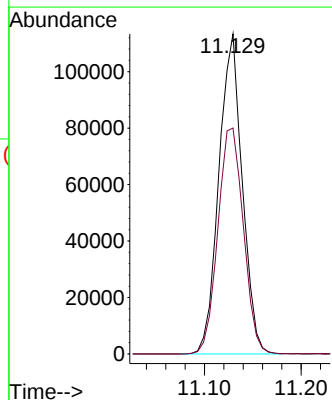
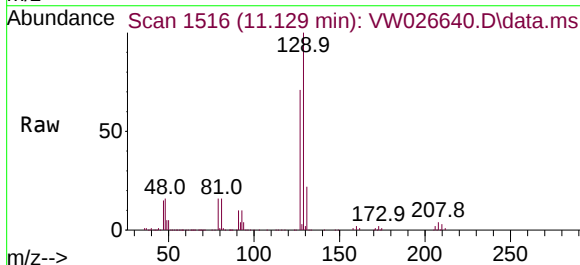
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

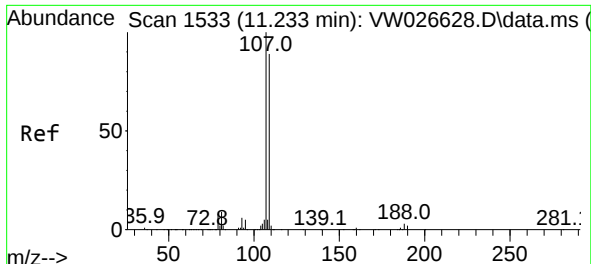
Tgt Ion:	43	Resp:	234626
Ion	Ratio	Lower	Upper
43	100		
58	52.5	42.1	63.1
57	18.9	14.8	22.2
100	10.6	8.9	13.3



#49
Dibromochloromethane
Concen: 25.621 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

Tgt Ion:	129	Resp:	190191
Ion	Ratio	Lower	Upper
129	100		
127	70.6	51.2	95.2





#50

1,2-Dibromoethane

Concen: 23.012 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

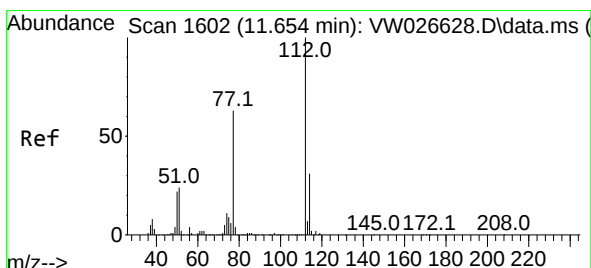
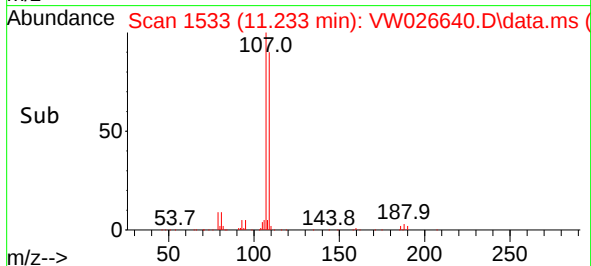
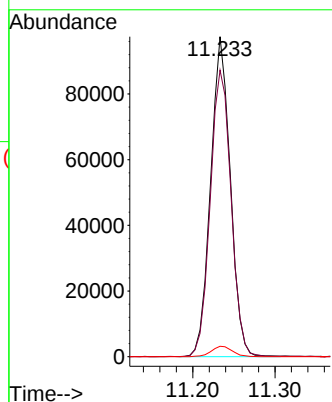
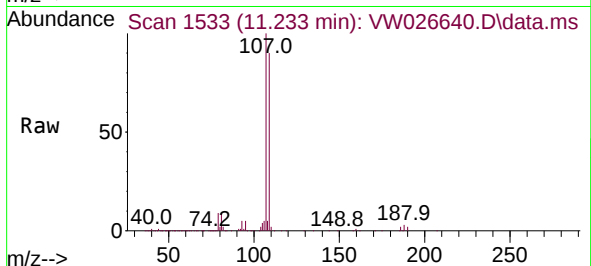
Tgt Ion:107 Resp: 162624

Ion Ratio Lower Upper

107 100

109 89.6 62.9 116.7

188 3.2 2.8 4.2



#51

Chlorobenzene

Concen: 24.640 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

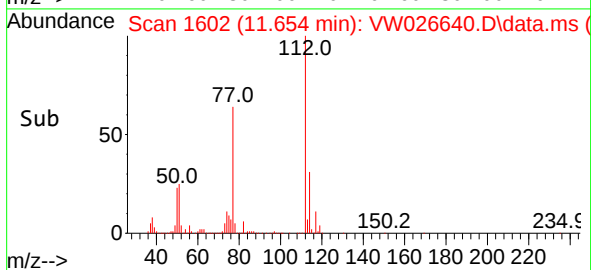
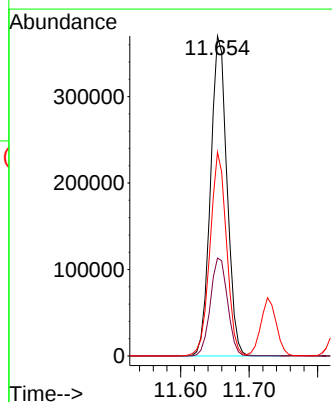
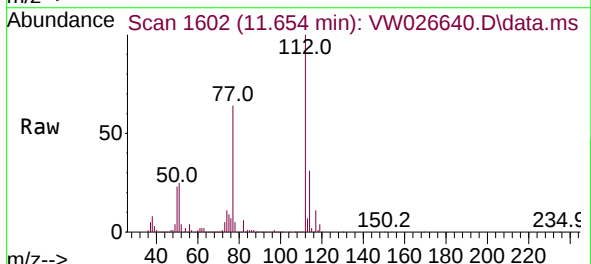
Tgt Ion:112 Resp: 617107

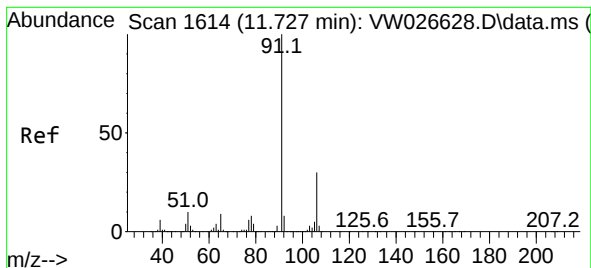
Ion Ratio Lower Upper

112 100

114 30.6 21.6 40.2

77 63.7 50.3 75.5

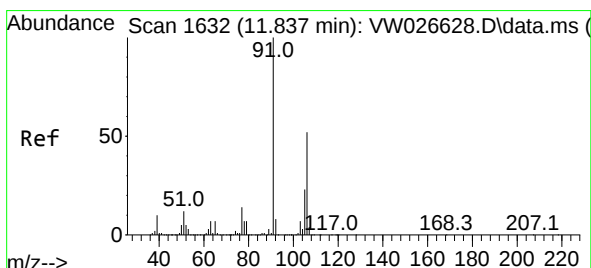
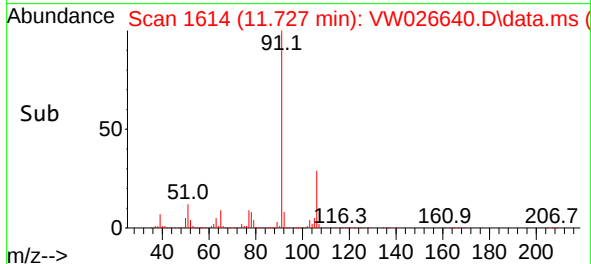
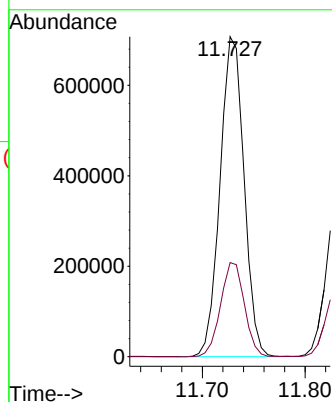
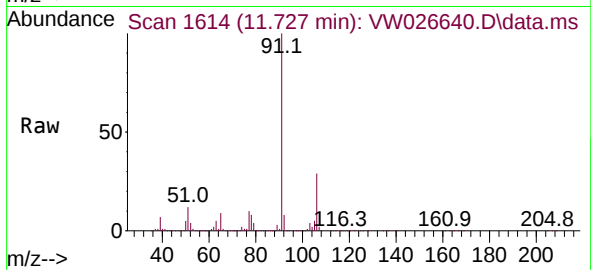




#52
Ethylbenzene
Concen: 25.203 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

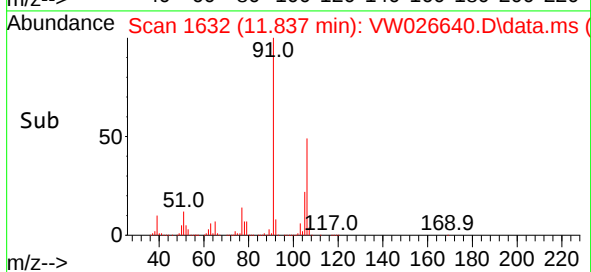
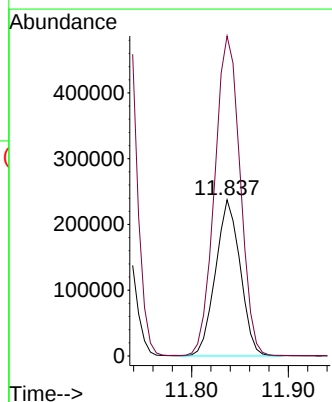
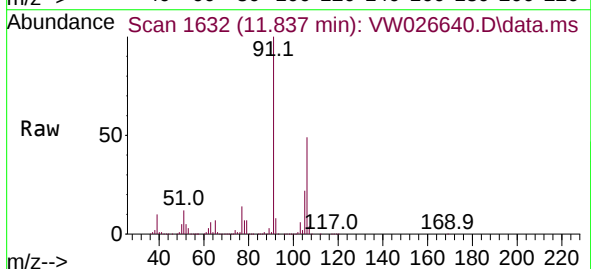
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

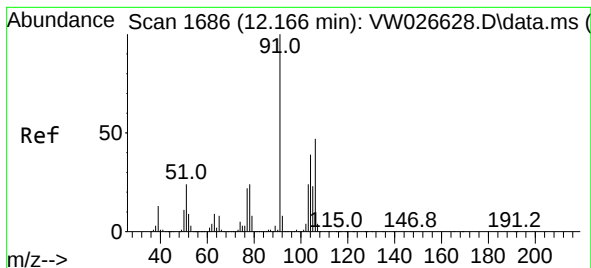
Tgt Ion: 91 Resp: 1146144
Ion Ratio Lower Upper
91 100
106 29.4 20.8 38.6



#53
m,p-Xylene
Concen: 25.473 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

Tgt Ion:106 Resp: 421440
Ion Ratio Lower Upper
106 100
91 205.0 150.3 279.1





#54

o-Xylene

Concen: 25.271 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

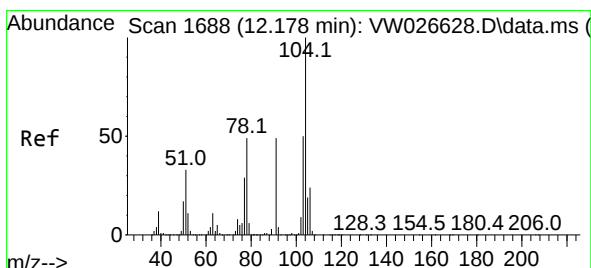
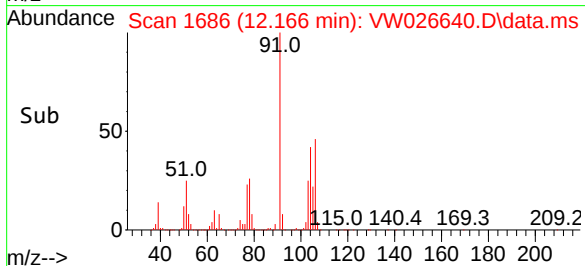
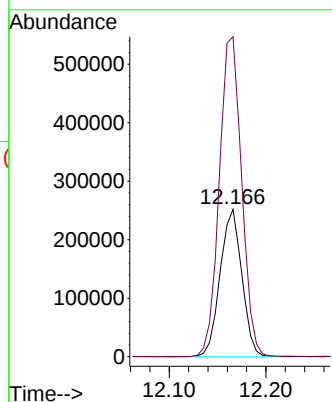
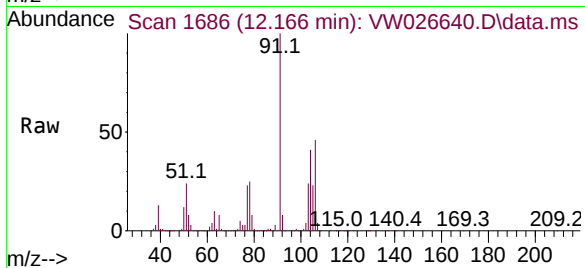
VSTD025567

Tgt Ion:106 Resp: 392427

Ion Ratio Lower Upper

106 100

91 217.1 154.3 286.5



#55

Styrene

Concen: 26.828 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026640.D

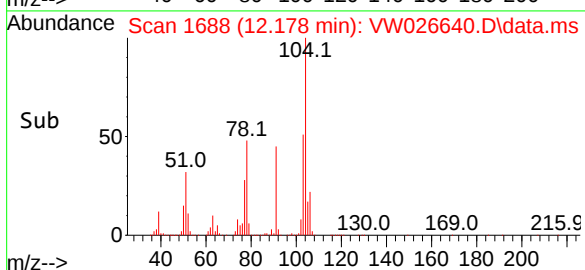
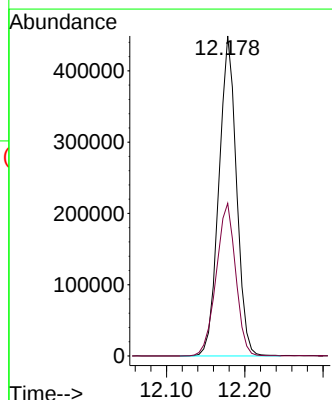
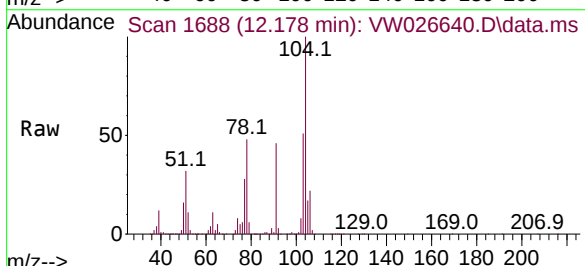
Acq: 24 Jul 2023 09:13

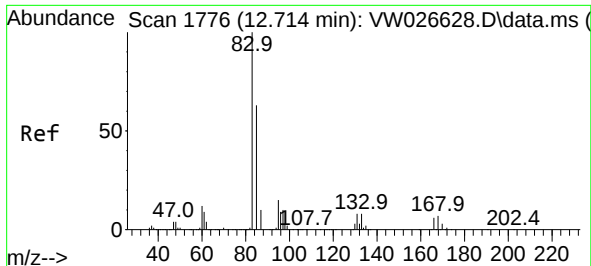
Tgt Ion:104 Resp: 702693

Ion Ratio Lower Upper

104 100

78 47.7 34.6 64.2





#57

1,1,2,2-Tetrachloroethane

Concen: 22.964 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

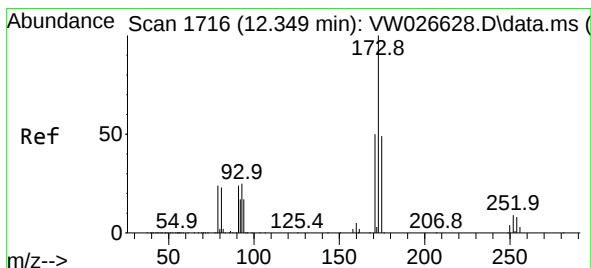
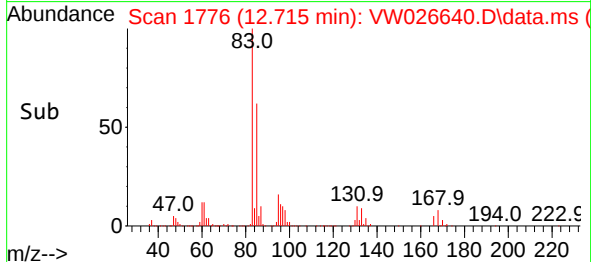
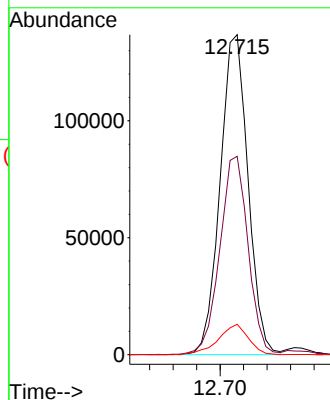
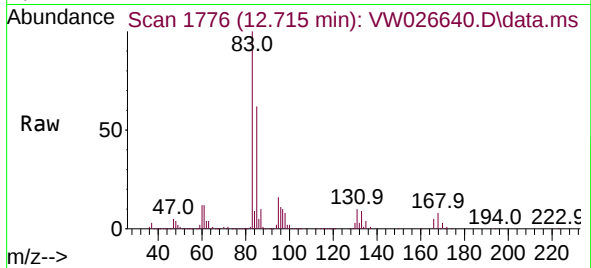
Tgt Ion: 83 Resp: 225941

Ion Ratio Lower Upper

83 100

85 62.0 46.2 85.8

131 9.5 7.2 10.8



#59

Bromoform

Concen: 22.072 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

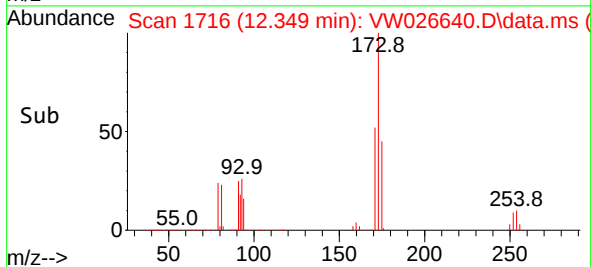
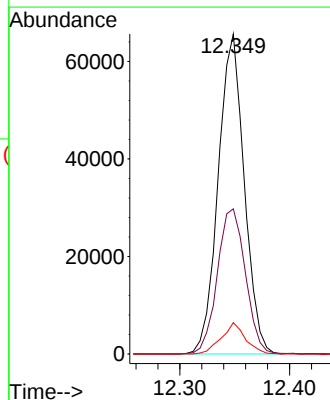
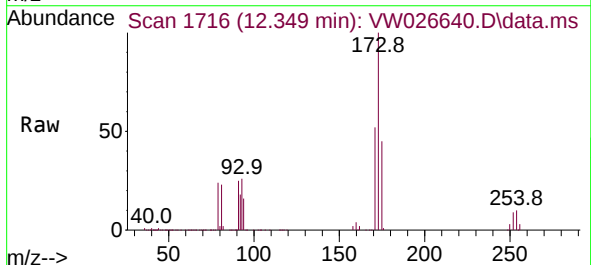
Tgt Ion:173 Resp: 108203

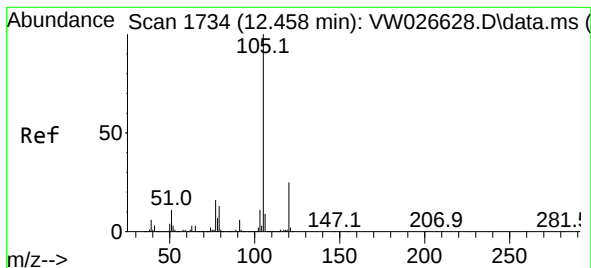
Ion Ratio Lower Upper

173 100

175 49.0 36.6 54.8

254 9.0 7.8 11.6





#60

Isopropylbenzene

Concen: 22.952 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

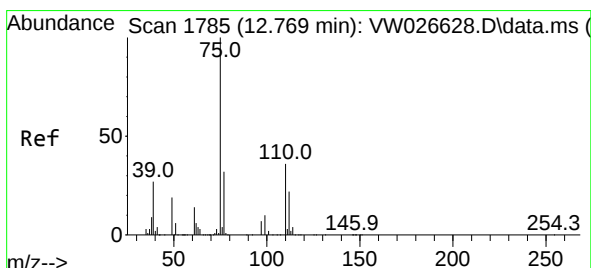
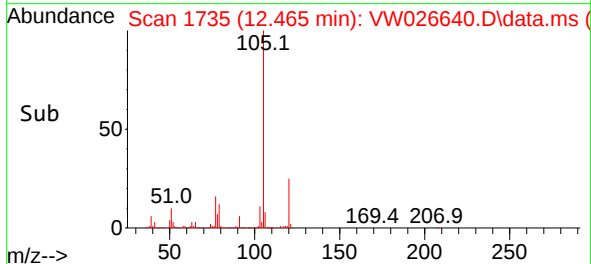
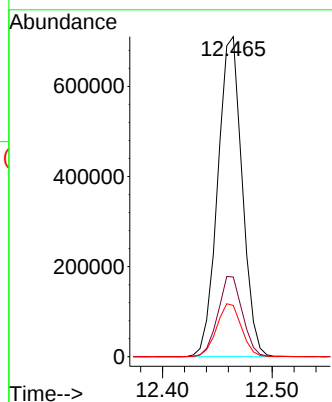
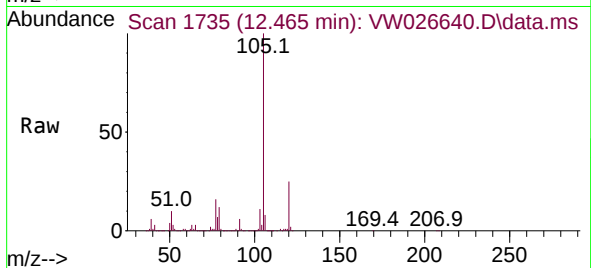
Tgt Ion:105 Resp: 1100670

Ion Ratio Lower Upper

105 100

120 25.2 20.5 30.7

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 19.624 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

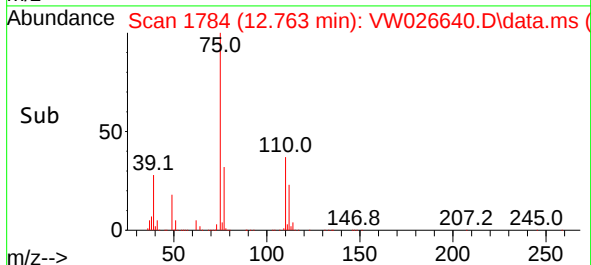
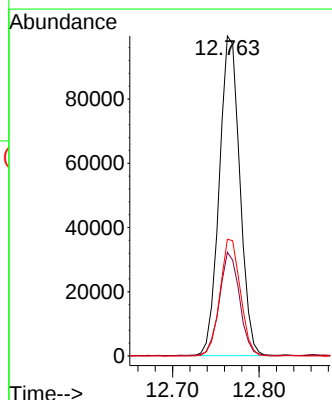
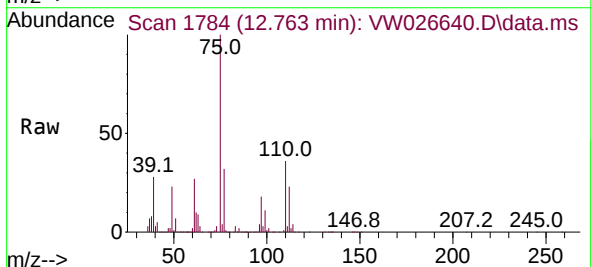
Tgt Ion: 75 Resp: 164285

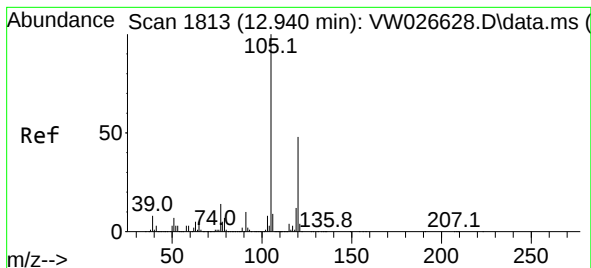
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

110 36.1 28.3 42.5

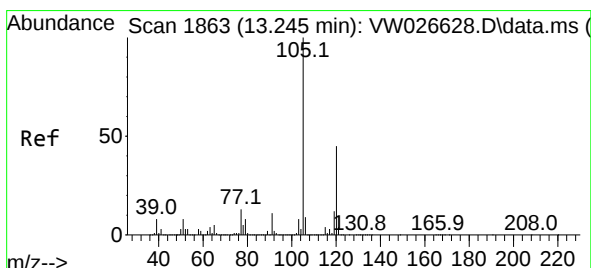
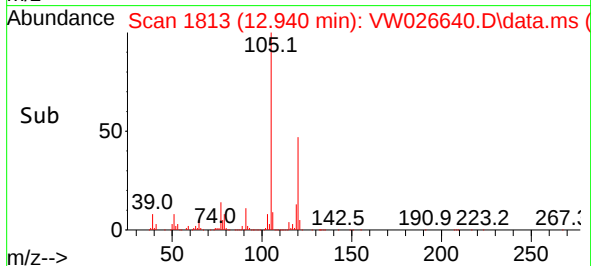
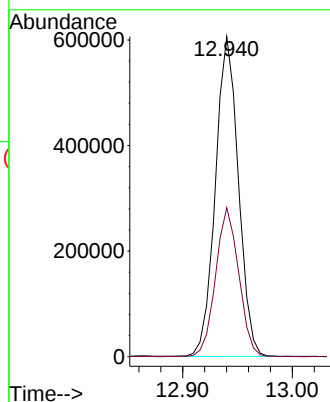
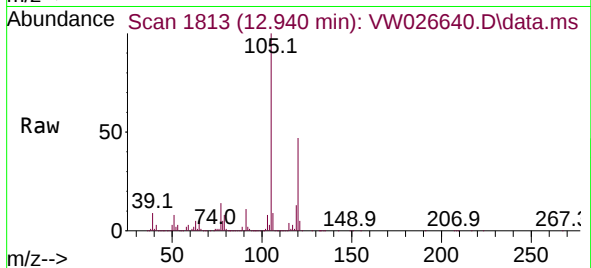




#62
1,3,5-Trimethylbenzene
Concen: 24.017 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

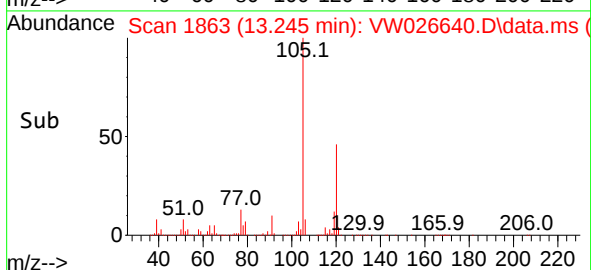
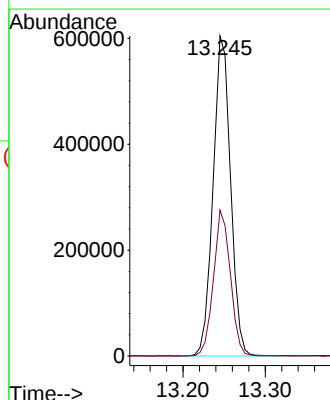
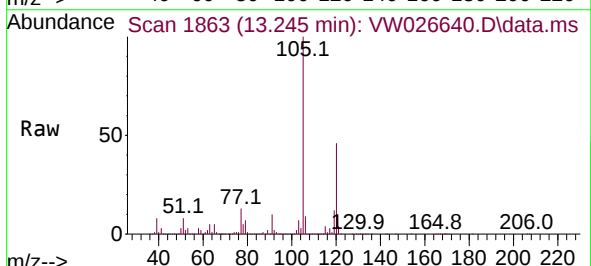
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

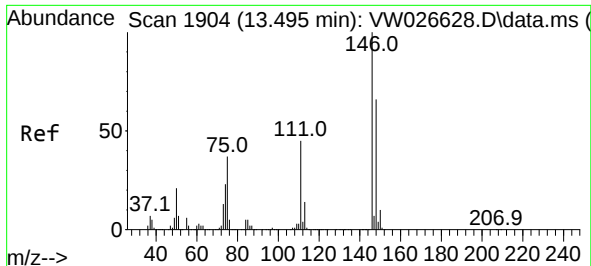
Tgt Ion:105 Resp: 883388
Ion Ratio Lower Upper
105 100
120 46.9 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 24.467 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

Tgt Ion:105 Resp: 892270
Ion Ratio Lower Upper
105 100
120 44.1 35.2 52.8

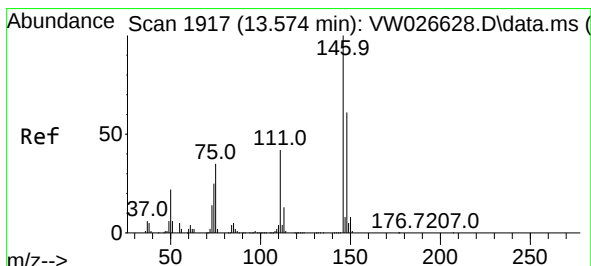
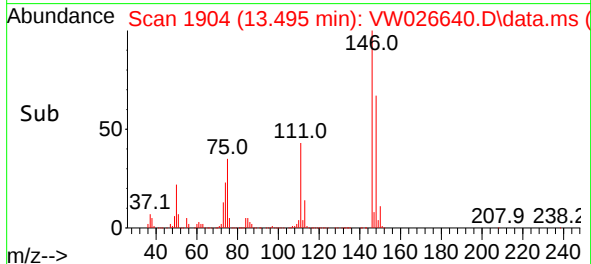
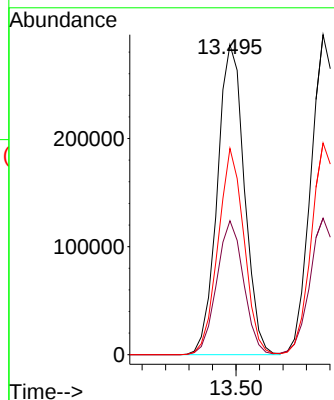
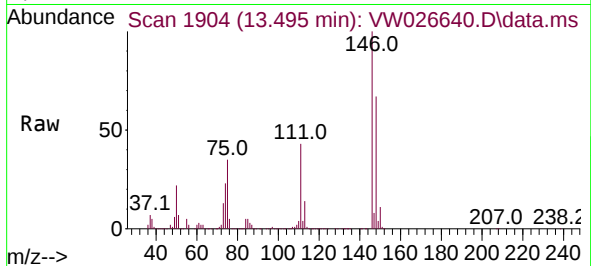




#64
1,3-Dichlorobenzene
Concen: 22.831 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

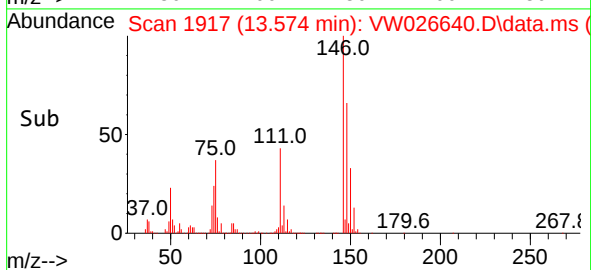
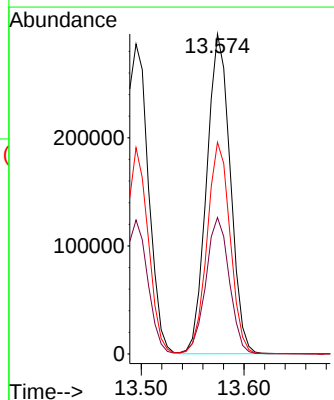
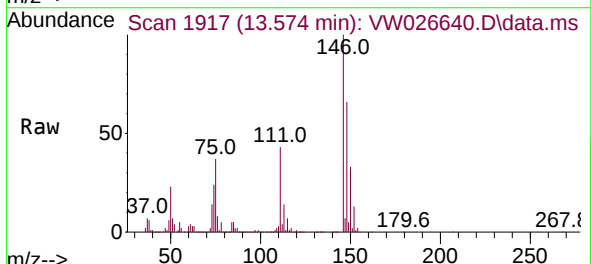
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

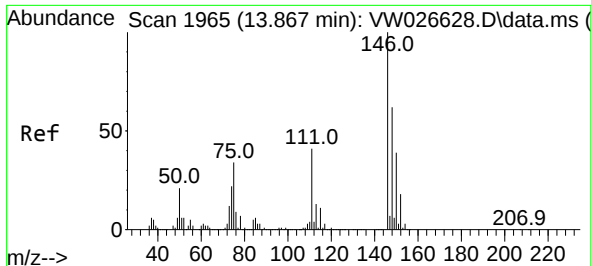
Tgt Ion:146 Resp: 459436
Ion Ratio Lower Upper
146 100
111 43.2 30.4 56.4
148 66.5 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 23.535 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

Tgt Ion:146 Resp: 472315
Ion Ratio Lower Upper
146 100
111 42.6 29.7 55.1
148 66.2 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 23.313 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

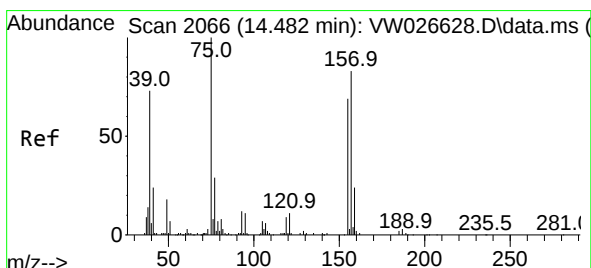
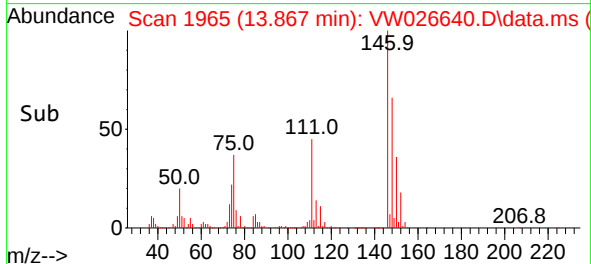
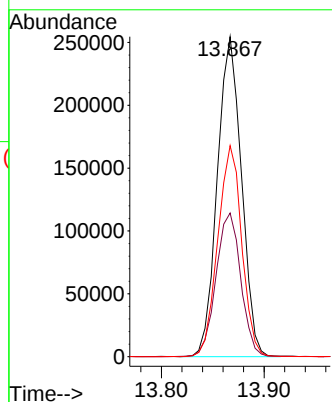
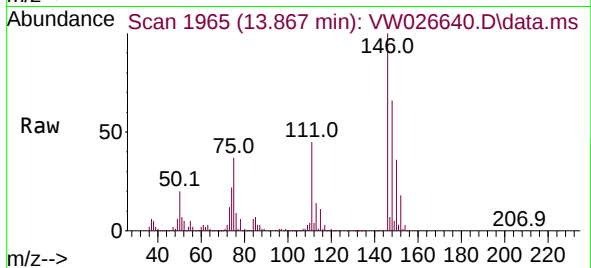
Tgt Ion:146 Resp: 415193

Ion Ratio Lower Upper

146 100

111 44.9 31.8 47.8

148 65.9 46.9 70.3



#68

1,2-Dibromo-3-chloropropane

Concen: 18.660 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

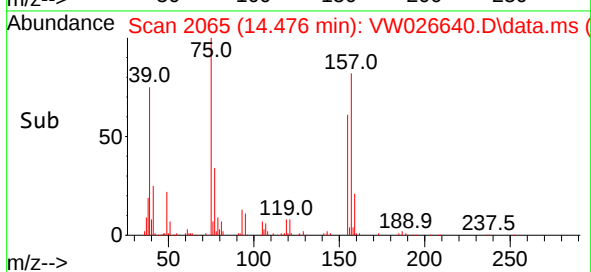
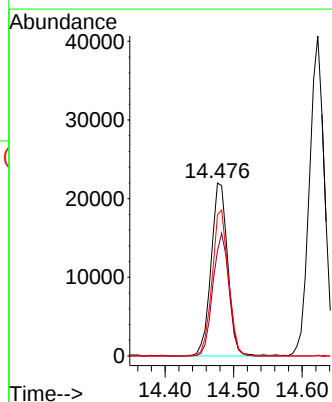
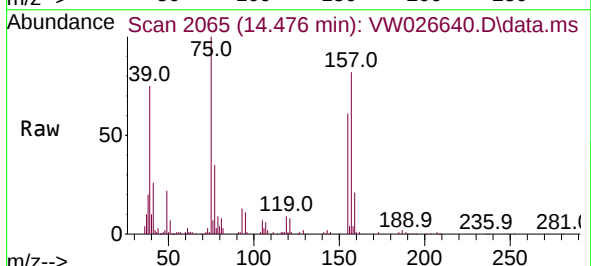
Tgt Ion: 75 Resp: 37182

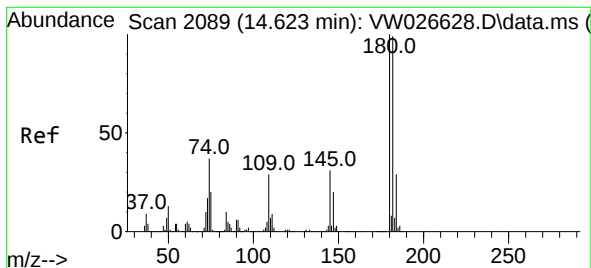
Ion Ratio Lower Upper

75 100

155 60.8 49.1 73.7

157 81.6 60.6 90.8





#69

1,3,5-Trichlorobenzene

Concen: 21.776 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

Tgt Ion:180 Resp: 289984

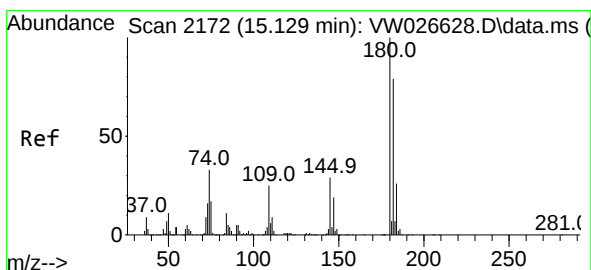
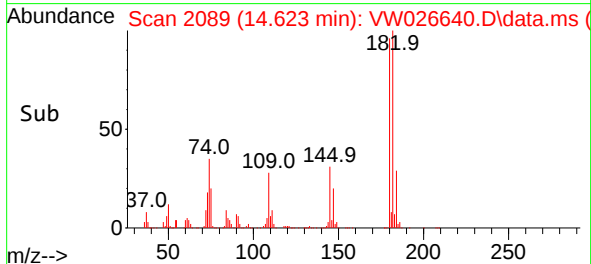
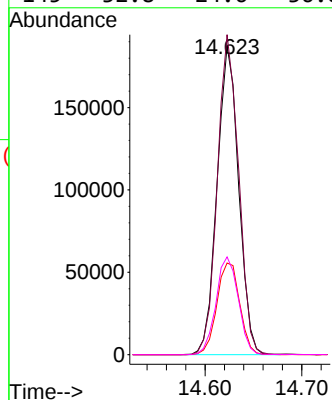
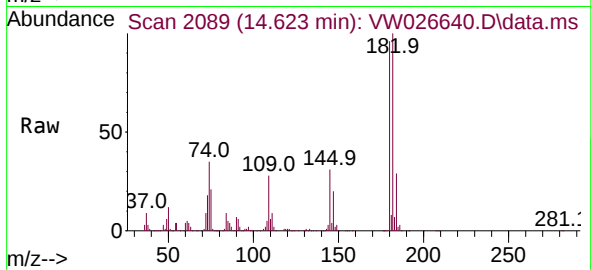
Ion Ratio Lower Upper

180 100

182 102.1 75.8 113.6

184 31.5 23.7 35.5

145 32.8 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 22.300 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026640.D

Acq: 24 Jul 2023 09:13

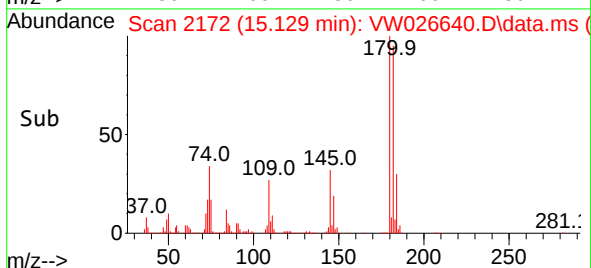
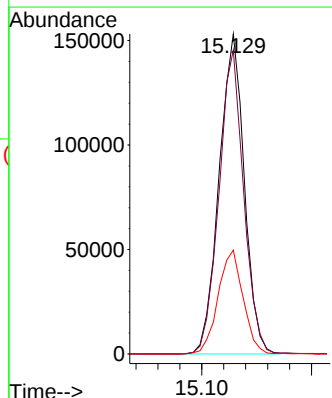
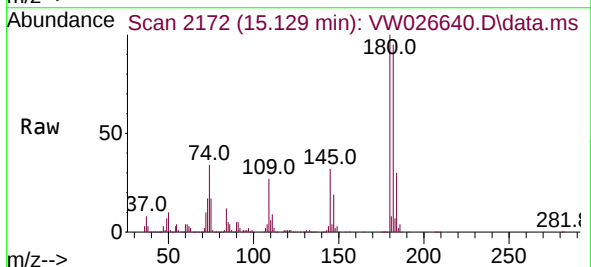
Tgt Ion:180 Resp: 243689

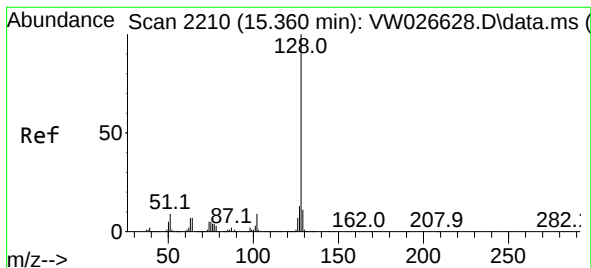
Ion Ratio Lower Upper

180 100

182 93.4 73.5 110.3

145 32.3 25.0 37.6

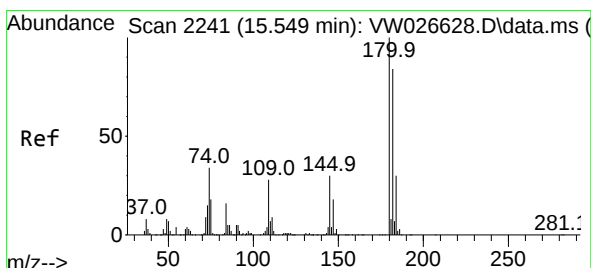
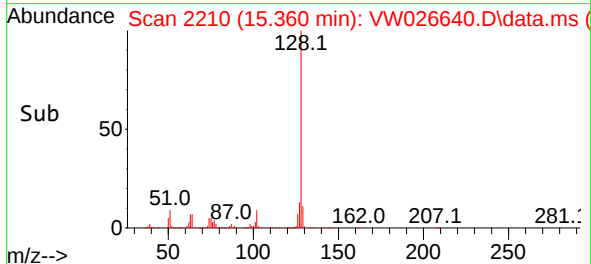
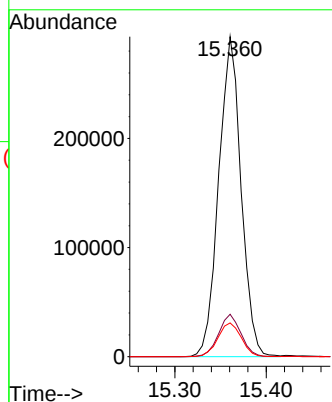
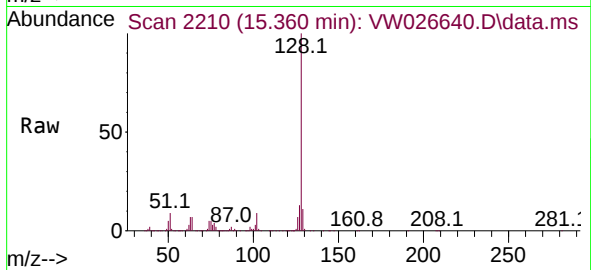




#71
Naphthalene
Concen: 20.176 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

Tgt Ion:128 Resp: 499313
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 21.360 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026640.D
Acq: 24 Jul 2023 09:13

Tgt Ion:180 Resp: 219749
Ion Ratio Lower Upper
180 100
182 95.0 75.2 112.8
145 35.8 26.6 40.0

