

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040924\
 Data File : VW028360.D
 Acq On : 09 Apr 2024 09:58
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

Quant Time: Apr 10 01:13:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 09 01:33:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	286405	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	259109	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	128729	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	108124	23.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.200%
7) Chloroethane-d5	2.905	69	84012	24.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.560%
11) 1,1-Dichloroethene-d2	4.021	65	43401	22.321	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.280%
21) 2-Butanone-d5	7.075	46	39997	46.552	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.100%
24) Chloroform-d	7.648	84	181767	24.321	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.280%
26) 1,2-Dichloroethane-d4	8.307	65	93651	24.113	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.440%
32) Benzene-d6	8.270	84	352794	24.924	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.680%
36) 1,2-Dichloropropane-d6	9.270	67	102128	24.273	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.080%
41) Toluene-d8	10.319	98	318743	24.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.040%
43) trans-1,3-Dichloroprop...	10.575	79	40864	24.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.720%
47) 2-Hexanone-d5	10.922	63	27990	48.025	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	73742	24.841	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	102529	25.185	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	84298	21.884	ug/L	97
3) Chloromethane	2.223	50	103953	22.985	ug/L	99
5) Vinyl chloride	2.375	62	124143	23.049	ug/L	99
6) Bromomethane	2.789	94	77731	23.099	ug/L	100
8) Chloroethane	2.936	64	75645	23.298	ug/L	98
9) Trichlorofluoromethane	3.265	101	94379	21.966	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	92008	22.761	ug/L #	68
12) 1,1-Dichloroethene	4.045	96	87165	22.965	ug/L	97
13) Acetone	4.119	43	52785	50.034	ug/L	96
14) Carbon disulfide	4.387	76	287005	22.968	ug/L	100
15) Methyl Acetate	4.667	43	36303	21.387	ug/L	98
16) Methylene chloride	4.917	84	88994	20.535	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	91526	22.892	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	120602	21.444	ug/L	99
19) 1,1-Dichloroethane	6.216	63	176897	22.709	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	96242	22.681	ug/L	95
22) 2-Butanone	7.167	43	55621	43.444	ug/L	98
23) Bromochloromethane	7.508	128	39716	21.729	ug/L	95
25) Chloroform	7.679	83	173349	22.654	ug/L	96

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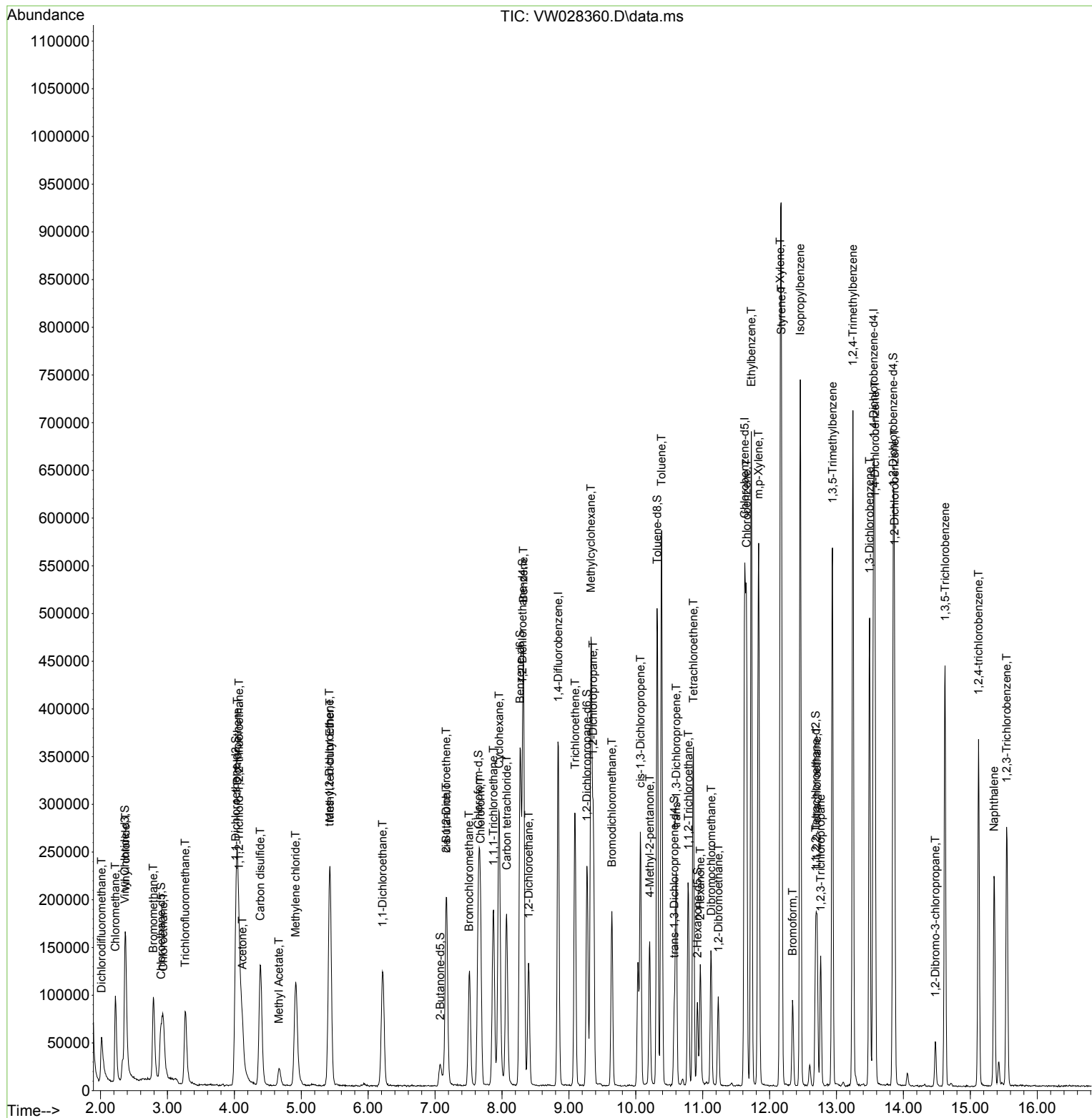
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	116179	21.997	ug/L	98
29) Cyclohexane	7.959	56	165704	24.211	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	145645	23.177	ug/L	100
31) Carbon tetrachloride	8.069	117	132205	23.725	ug/L	99
33) Benzene	8.319	78	379273	23.411	ug/L	100
34) Trichloroethene	9.093	95	100513	22.894	ug/L	98
35) Methylcyclohexane	9.331	83	177516	23.695	ug/L	100
37) 1,2-Dichloropropane	9.361	63	93699	22.191	ug/L	100
38) Bromodichloromethane	9.642	83	119457	22.825	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	143059	23.104	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	100146	47.379	ug/L	98
42) Toluene	10.386	91	403114	23.488	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	116992	23.356	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	64461	22.565	ug/L	98
46) Tetrachloroethene	10.861	164	74974	22.862	ug/L	83
48) 2-Hexanone	10.965	43	81325	48.471	ug/L	99
49) Dibromochloromethane	11.129	129	68296	22.368	ug/L	98
50) 1,2-Dibromoethane	11.233	107	60292	23.124	ug/L	99
51) Chlorobenzene	11.654	112	243211	22.798	ug/L	97
52) Ethylbenzene	11.727	91	454917	23.383	ug/L	98
53) m,p-Xylene	11.837	106	170756	23.602	ug/L	95
54) o-Xylene	12.160	106	157933	23.444	ug/L	98
55) Styrene	12.178	104	271355	23.667	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	74357	23.001	ug/L	96
59) Bromoform	12.343	173	38743	22.800	ug/L	98
60) Isopropylbenzene	12.459	105	457098	23.685	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53534	22.746	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	293623	23.871	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	353830	23.902	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	185086	22.603	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	188750	22.659	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	164899	22.893	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	11388	21.116	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	124680	22.127	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	100501	22.839	ug/L	96
71) Naphthalene	15.354	128	180593	23.189	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	85821	21.979	ug/L	99

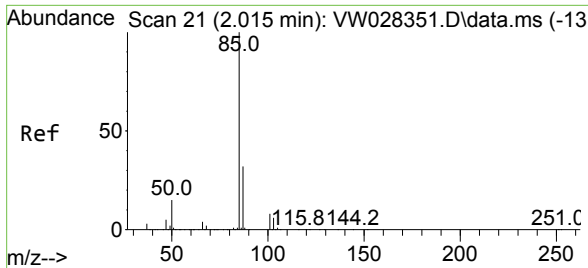
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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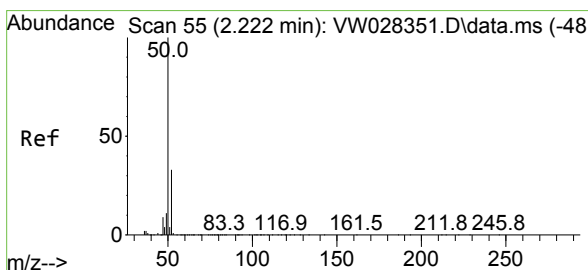
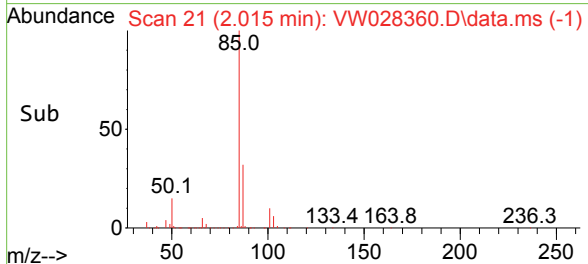
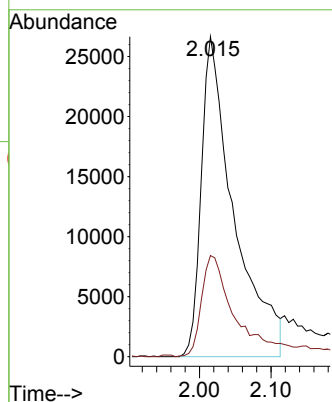
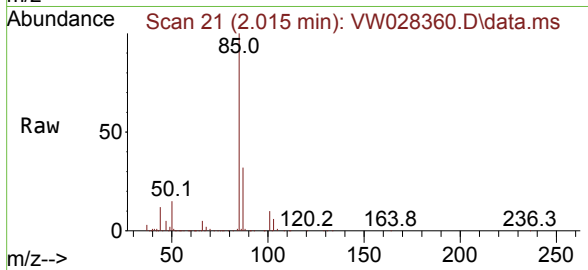




#2
 Dichlorodifluoromethane
 Concen: 21.884 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028360.D
 Acq: 09 Apr 2024 09:58

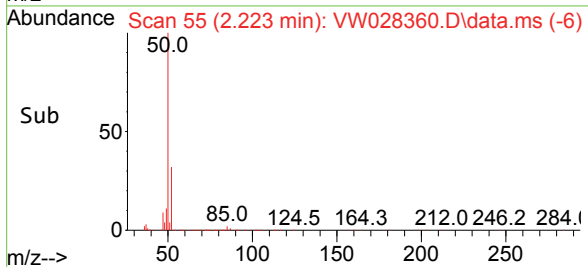
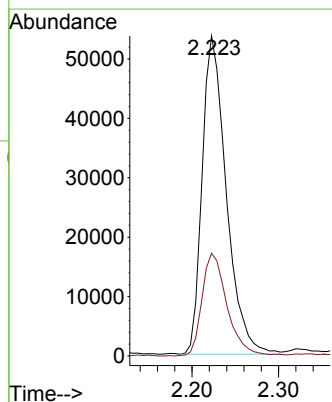
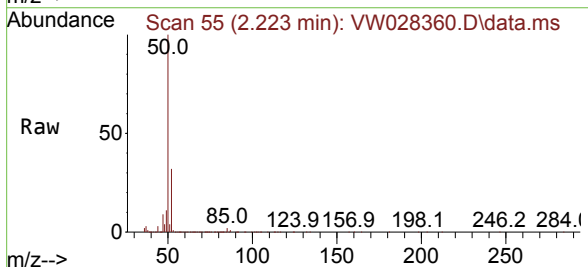
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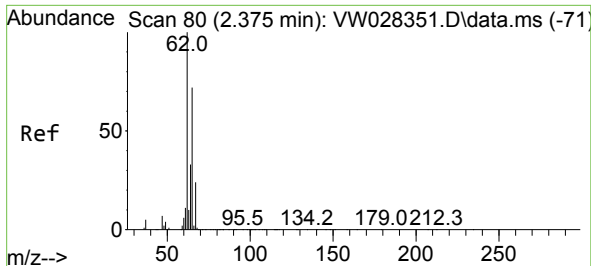
Tgt Ion: 85 Resp: 84298
 Ion Ratio Lower Upper
 85 100
 87 27.4 23.4 35.0



#3
 Chloromethane
 Concen: 22.985 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028360.D
 Acq: 09 Apr 2024 09:58

Tgt Ion: 50 Resp: 103953
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.0 42.6

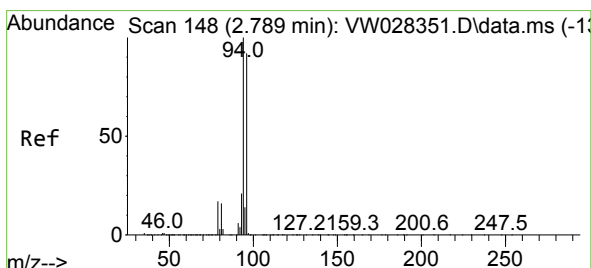
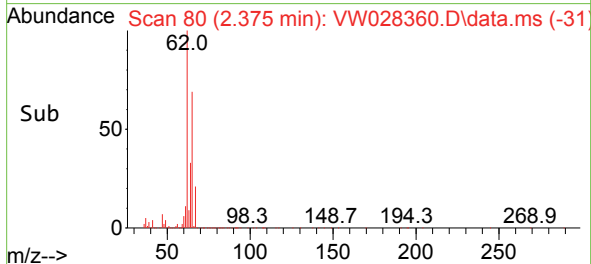
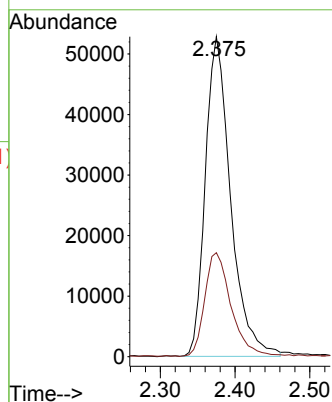
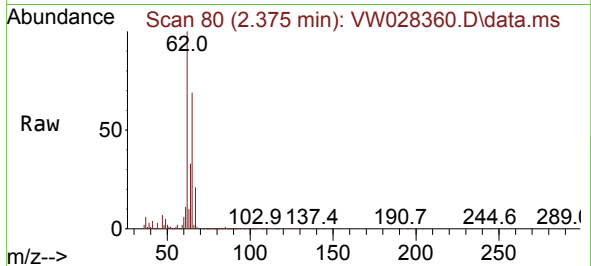




#5
 Vinyl chloride
 Concen: 23.049 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028360.D
 Acq: 09 Apr 2024 09:58

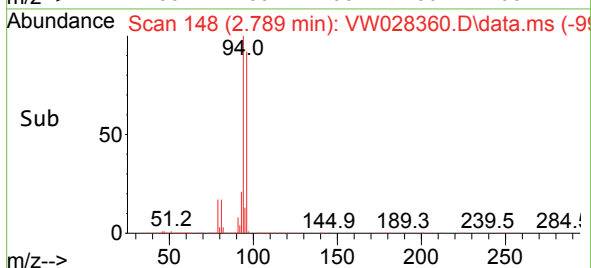
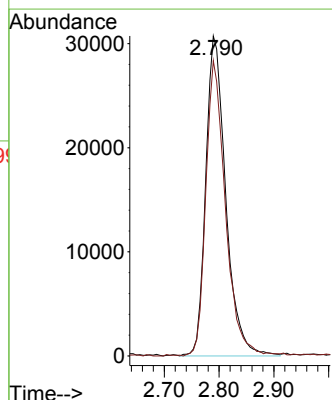
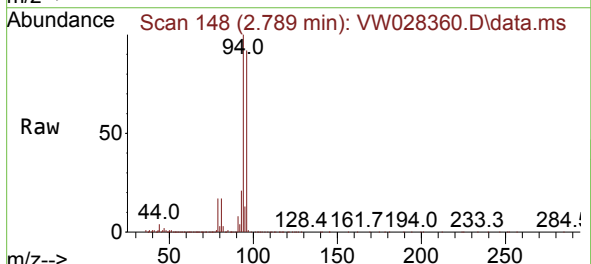
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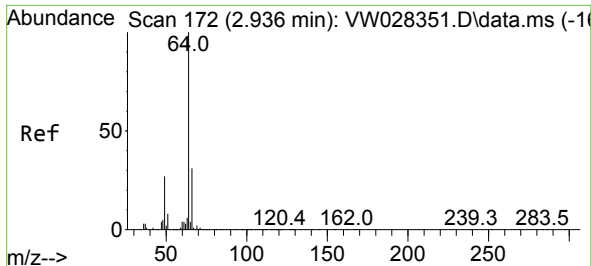
Tgt Ion: 62 Resp: 124143
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.1 42.9



#6
 Bromomethane
 Concen: 23.099 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW028360.D
 Acq: 09 Apr 2024 09:58

Tgt Ion: 94 Resp: 77731
 Ion Ratio Lower Upper
 94 100
 96 92.3 64.3 119.5

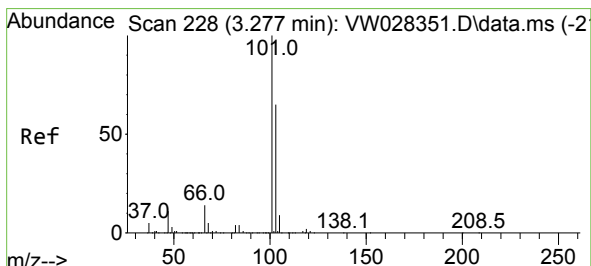
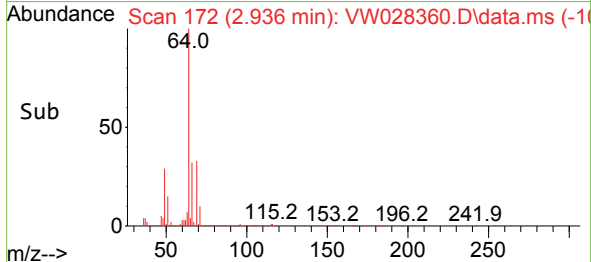
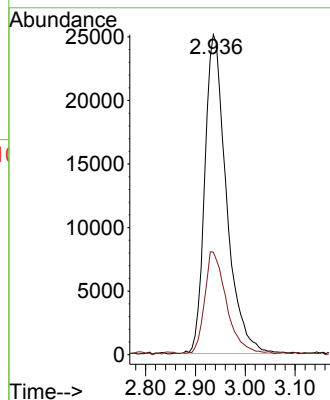
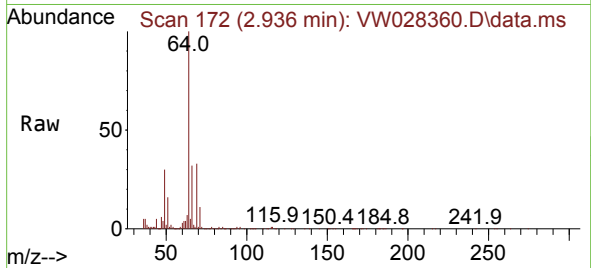




#8
Chloroethane
Concen: 23.298 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

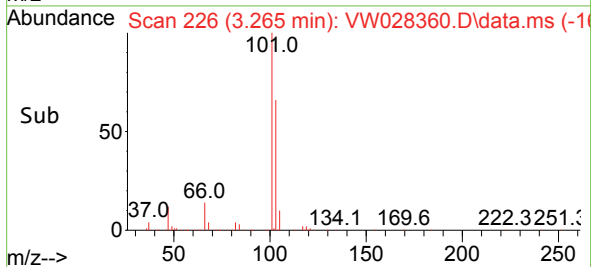
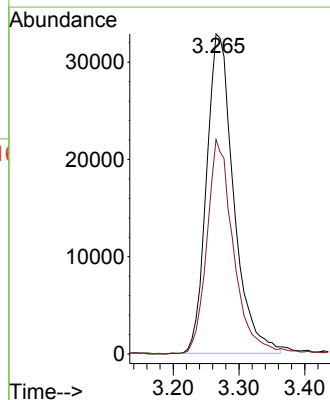
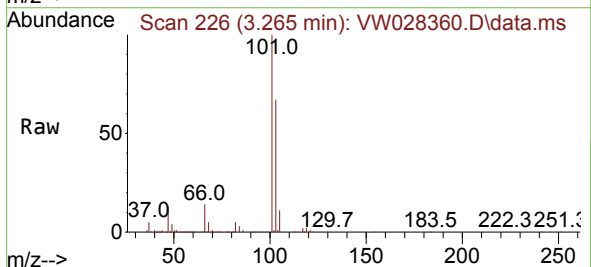
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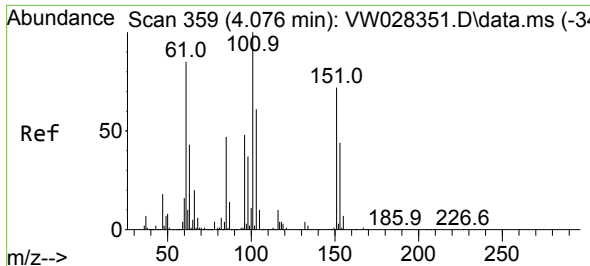
Tgt Ion: 64 Resp: 75645
Ion Ratio Lower Upper
64 100
66 32.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.966 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.012 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

Tgt Ion: 101 Resp: 94379
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0

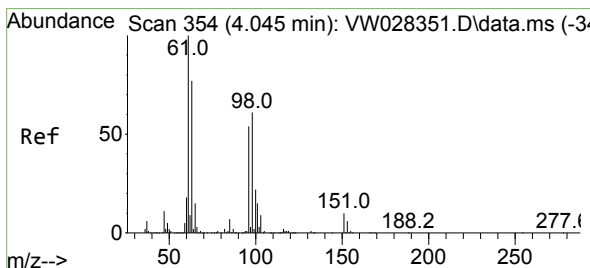
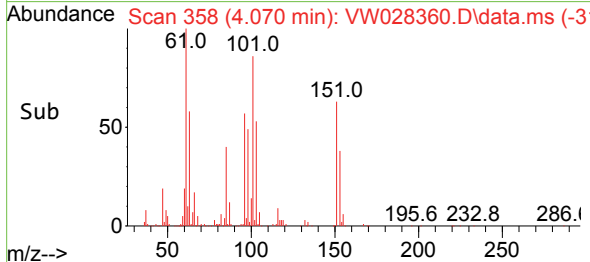
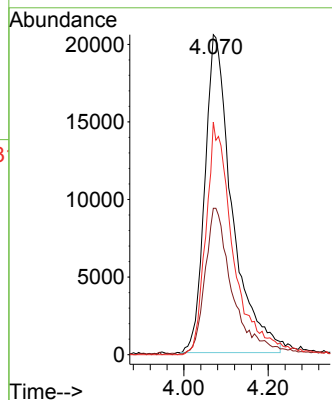
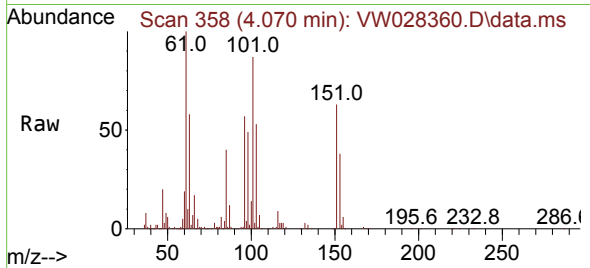




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.761 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW028360.D
 Acq: 09 Apr 2024 09:58

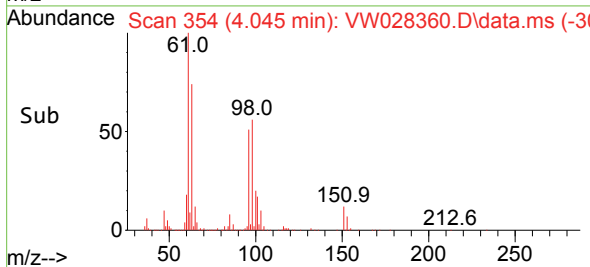
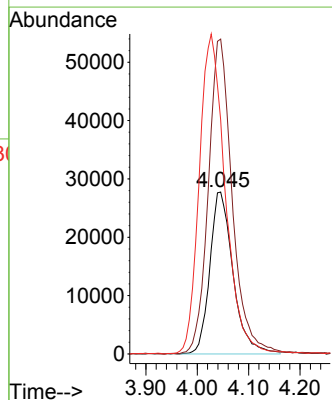
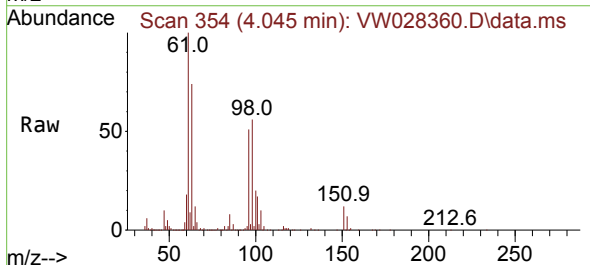
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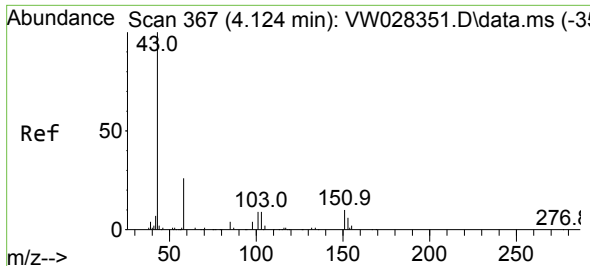
Tgt Ion:101 Resp: 92008
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.5 51.7
 151 29.1 57.5 86.3#



#12
 1,1-Dichloroethene
 Concen: 22.965 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW028360.D
 Acq: 09 Apr 2024 09:58

Tgt Ion: 96 Resp: 87165
 Ion Ratio Lower Upper
 96 100
 61 194.4 130.5 242.5
 63 144.4 101.5 188.5

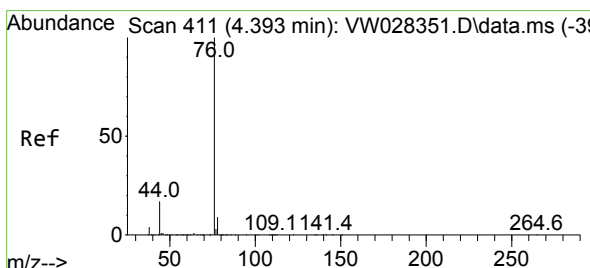
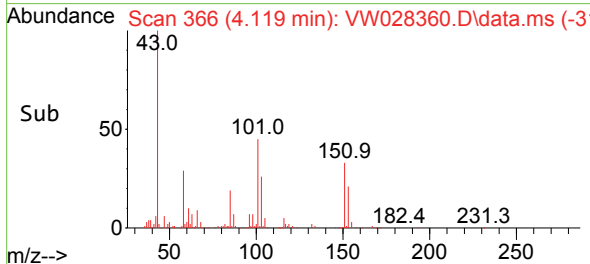
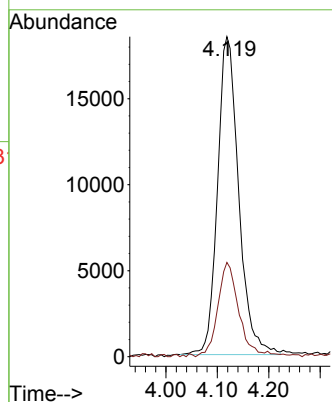
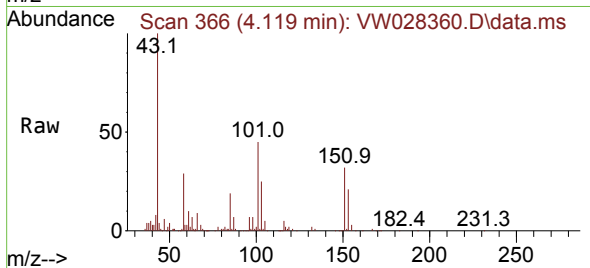




#13
Acetone
Concen: 50.034 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

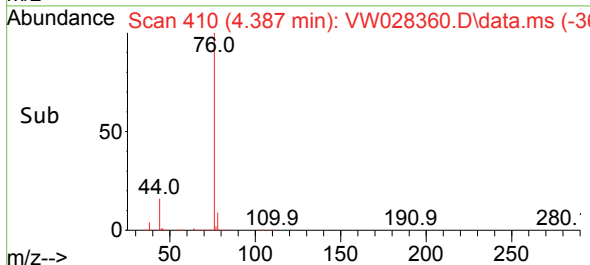
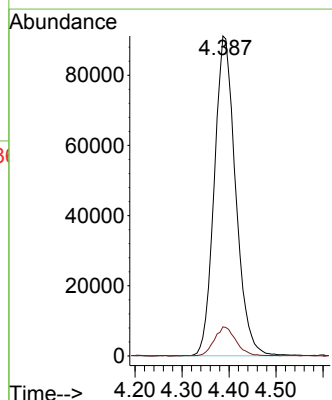
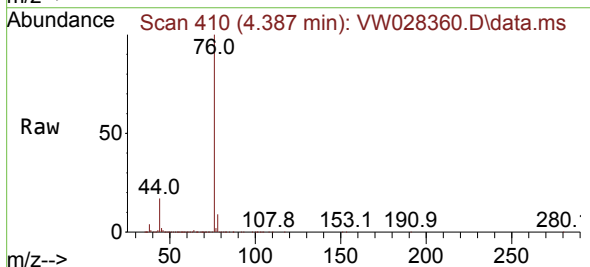
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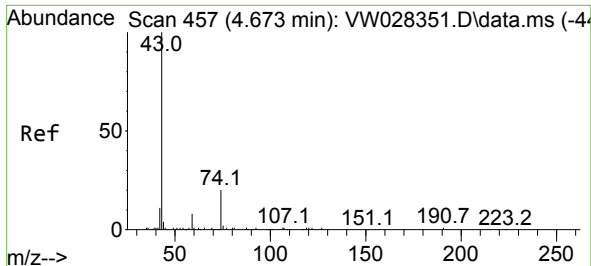
Tgt Ion: 43 Resp: 52785
Ion Ratio Lower Upper
43 100
58 29.0 0.0 53.4



#14
Carbon disulfide
Concen: 22.968 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 287005
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

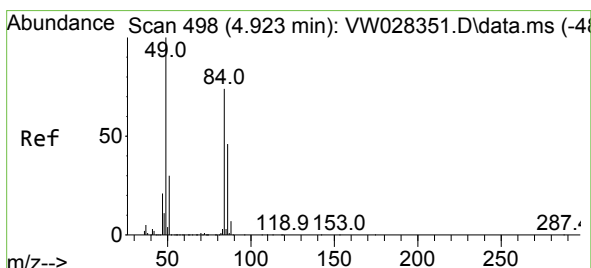
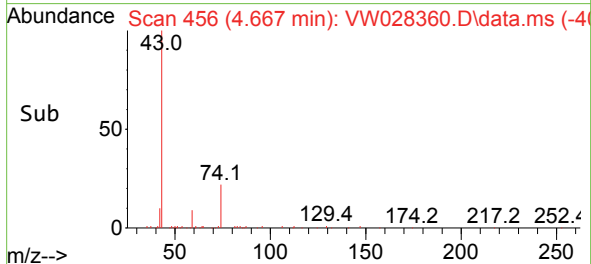
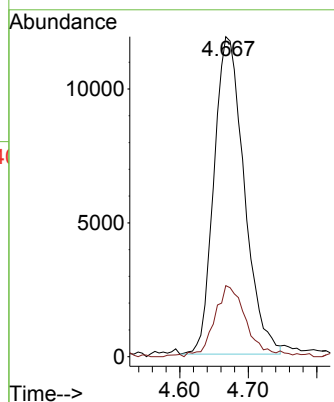
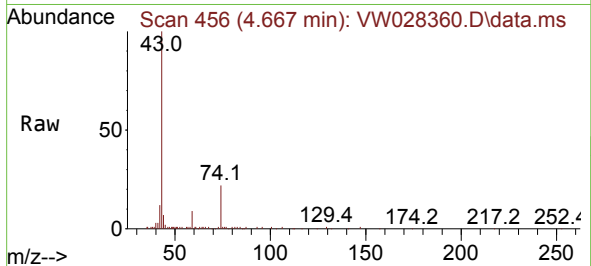




#15
Methyl Acetate
Concen: 21.387 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

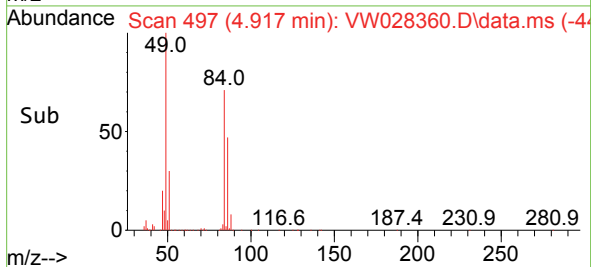
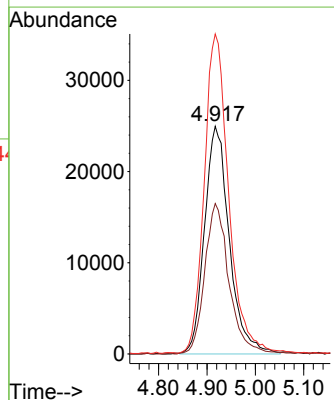
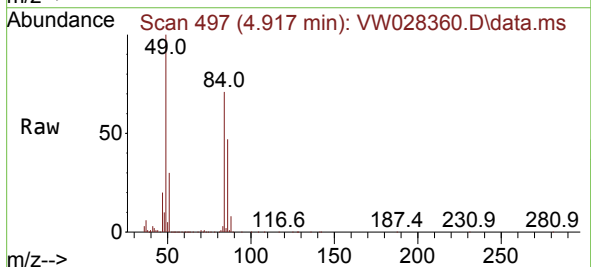
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

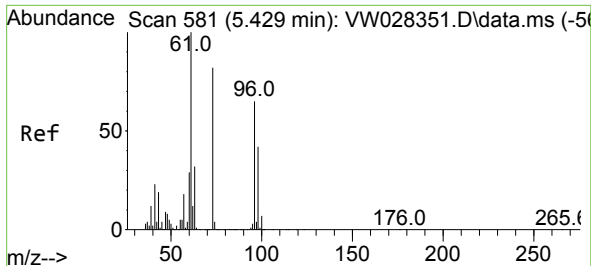
Tgt Ion: 43 Resp: 36303
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.0



#16
Methylene chloride
Concen: 20.535 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

Tgt Ion: 84 Resp: 88994
Ion Ratio Lower Upper
84 100
86 66.1 44.2 82.0
49 140.6 95.0 176.4

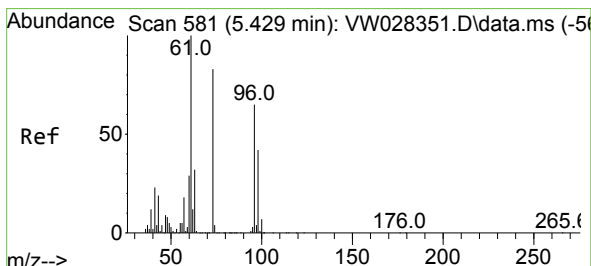
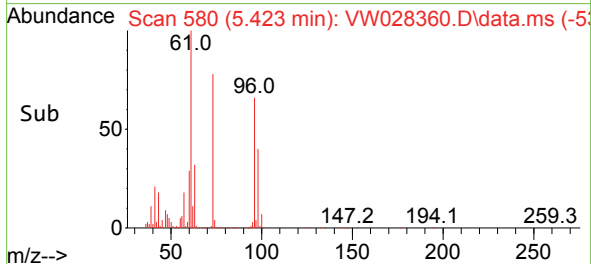
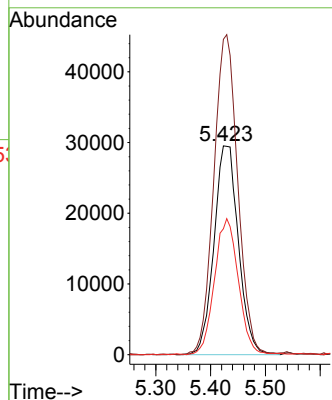
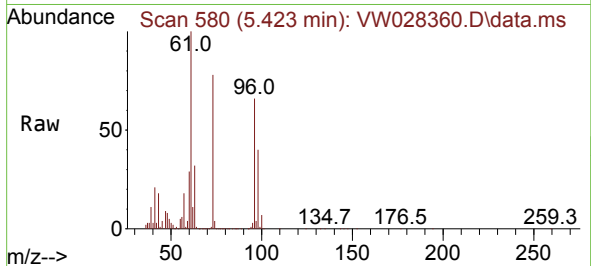




#17
trans-1,2-Dichloroethene
Concen: 22.892 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

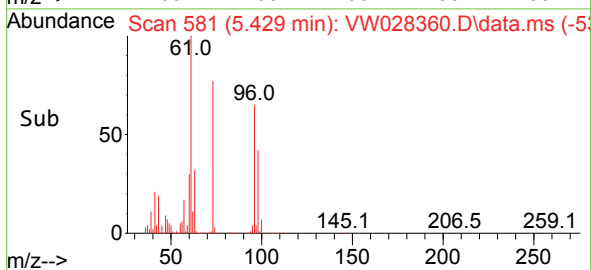
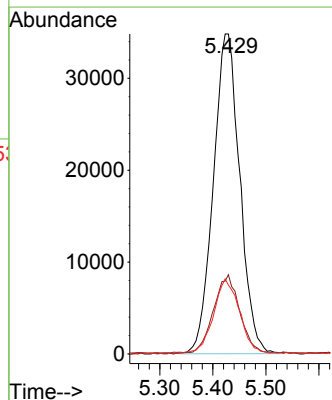
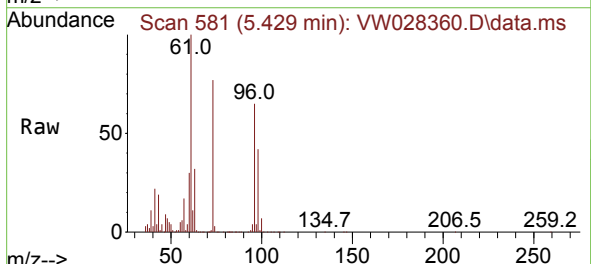
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

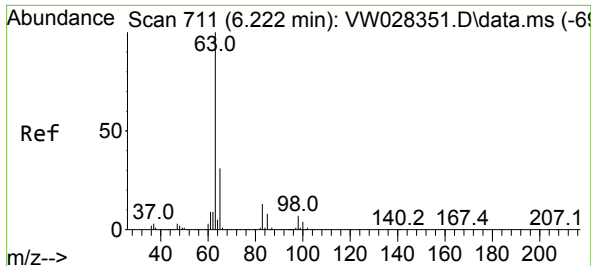
Tgt Ion: 96 Resp: 91526
Ion Ratio Lower Upper
96 100
61 151.0 108.4 201.4
98 60.3 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 21.444 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

Tgt Ion: 73 Resp: 120602
Ion Ratio Lower Upper
73 100
43 24.0 18.5 27.7
57 22.7 18.2 27.4

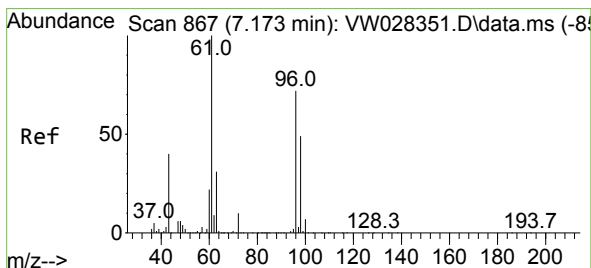
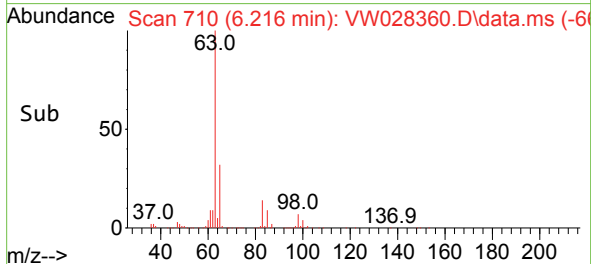
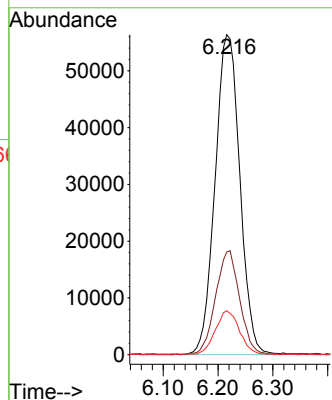
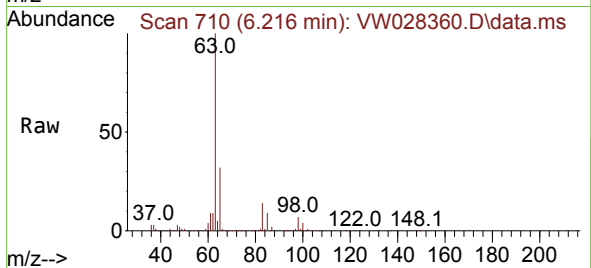




#19
1,1-Dichloroethane
Concen: 22.709 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

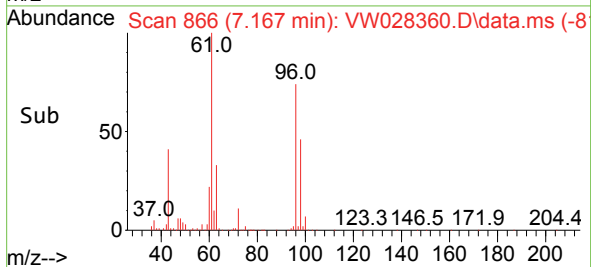
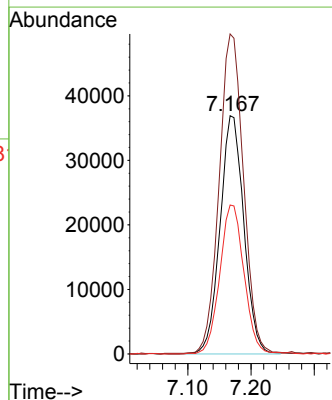
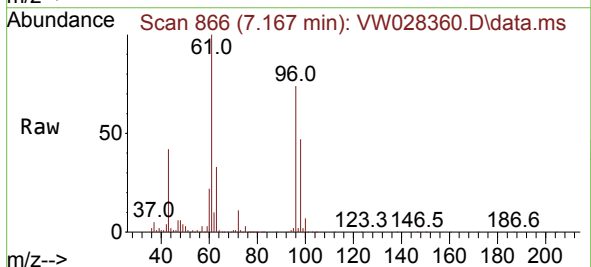
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

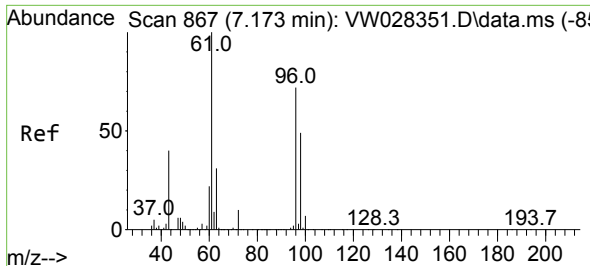
Tgt Ion: 63 Resp: 176897
Ion Ratio Lower Upper
63 100
65 32.1 21.8 40.4
83 13.8 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 22.681 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

Tgt Ion: 96 Resp: 96242
Ion Ratio Lower Upper
96 100
61 134.4 97.6 181.2
98 62.6 47.7 88.5

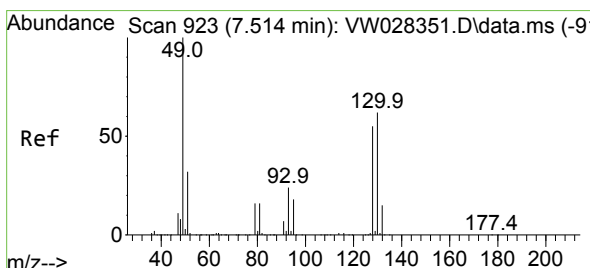
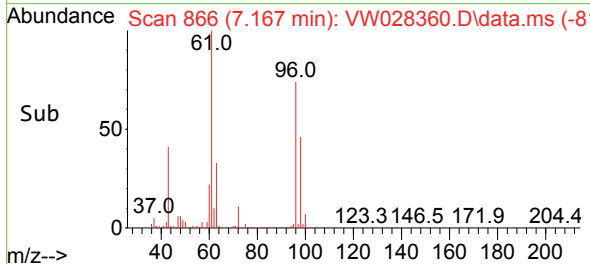
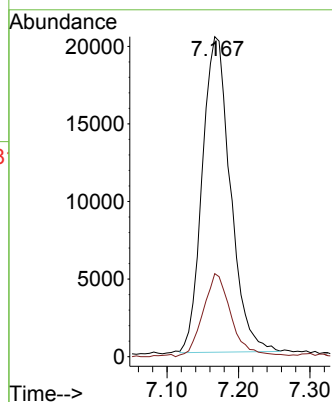
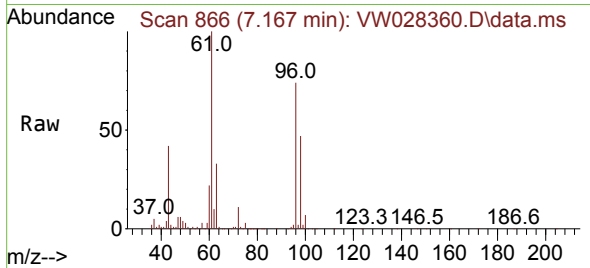




#22
2-Butanone
Concen: 43.444 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

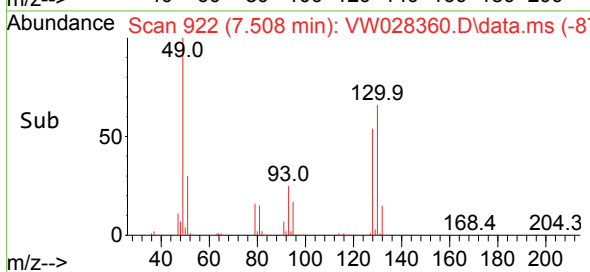
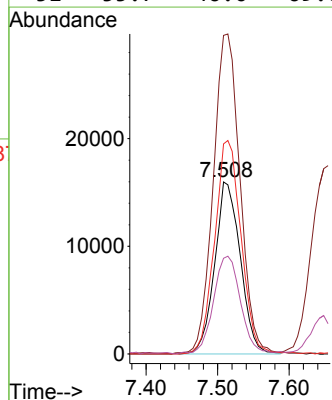
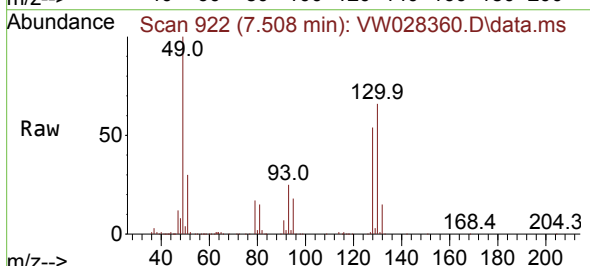
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

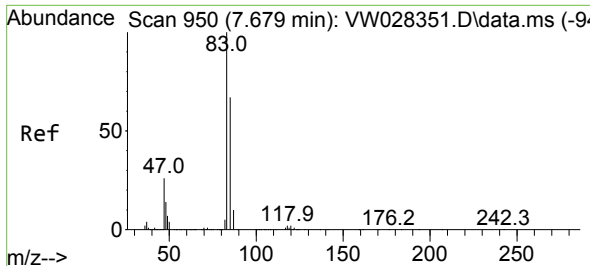
Tgt Ion: 43 Resp: 55621
Ion Ratio Lower Upper
43 100
72 26.5 12.8 38.4



#23
Bromochloromethane
Concen: 21.729 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

Tgt Ion: 128 Resp: 39716
Ion Ratio Lower Upper
128 100
49 185.3 127.1 236.0
130 122.2 78.3 145.5
51 55.7 46.0 69.0

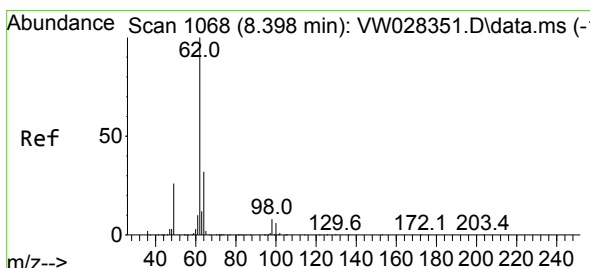
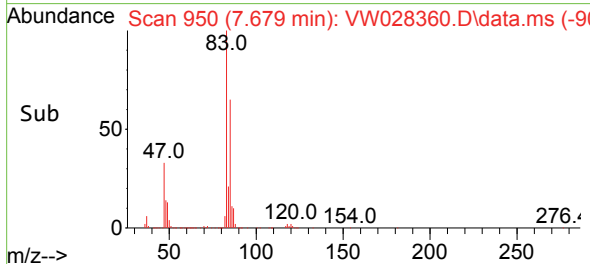
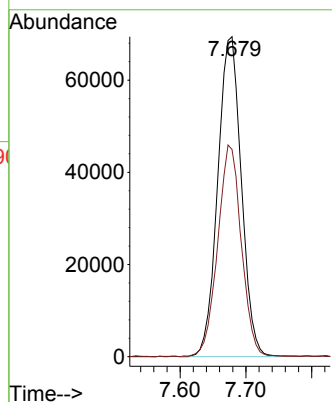
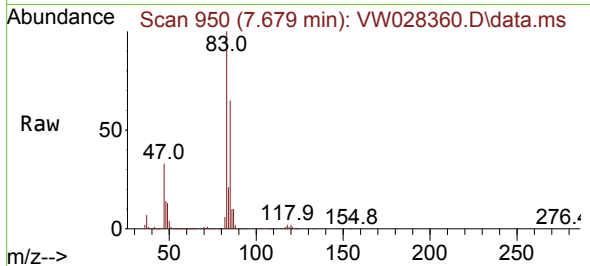




#25
Chloroform
Concen: 22.654 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

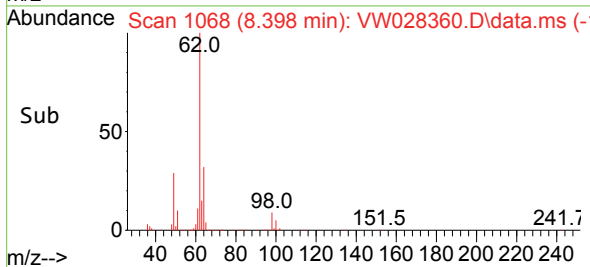
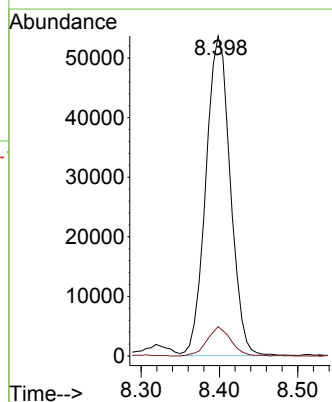
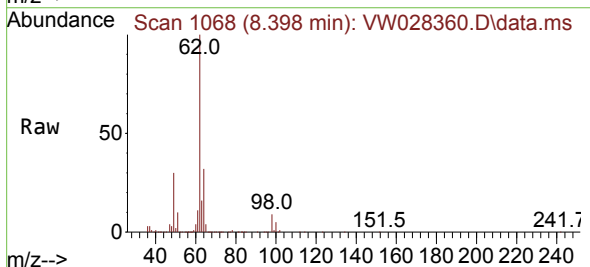
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

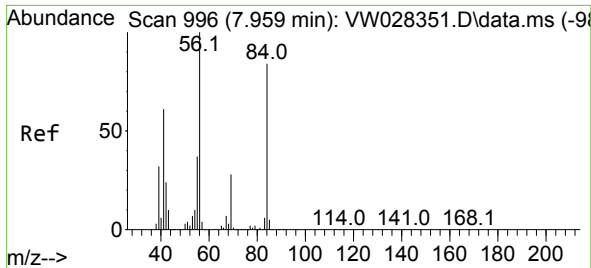
Tgt Ion: 83 Resp: 173349
Ion Ratio Lower Upper
83 100
85 64.7 47.7 88.7



#27
1,2-Dichloroethane
Concen: 21.997 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

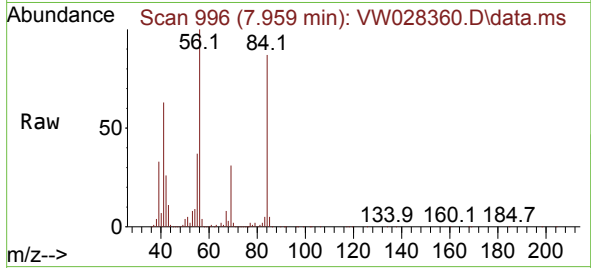
Tgt Ion: 62 Resp: 116179
Ion Ratio Lower Upper
62 100
98 9.2 6.6 10.0



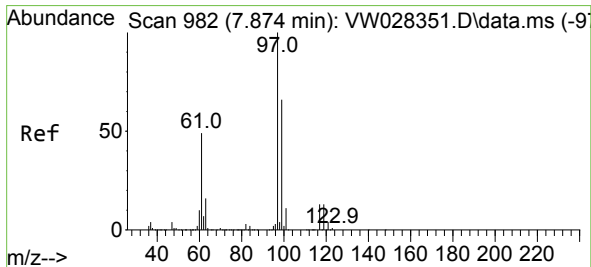
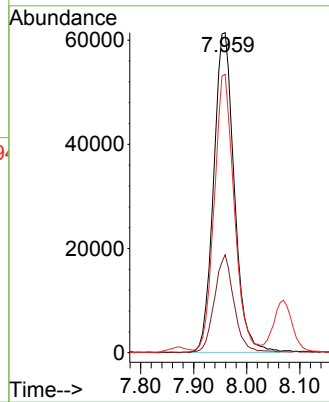
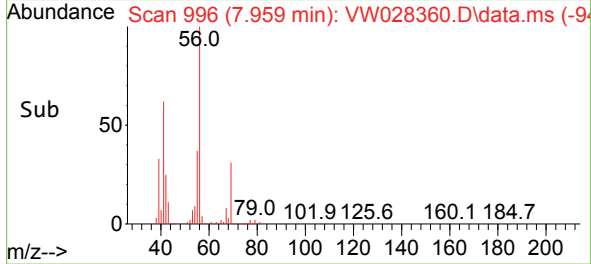


#29
Cyclohexane
Concen: 24.211 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

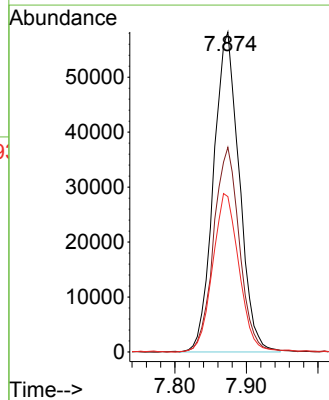
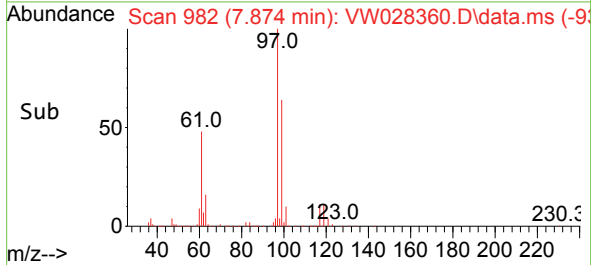
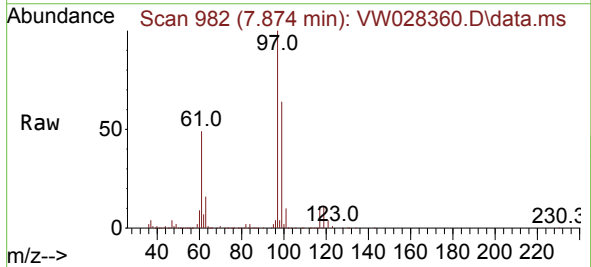


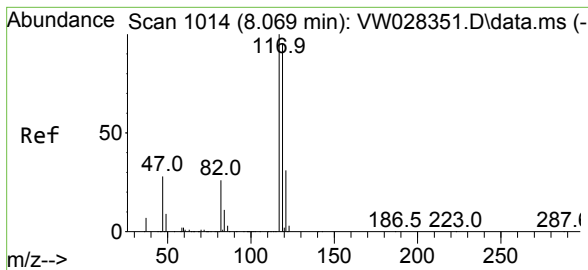
Tgt Ion:	56	Resp:	165704
Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.8	35.6
84	84.5	65.9	98.9



#30
1,1,1-Trichloroethane
Concen: 23.177 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

Tgt Ion:	97	Resp:	145645
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.2
61	50.6	40.5	60.7

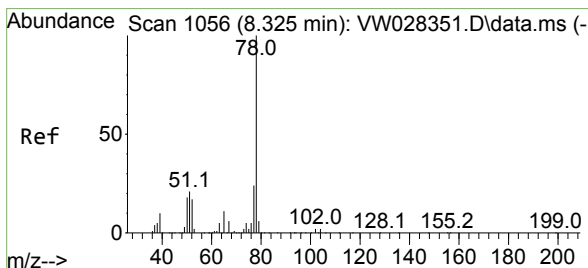
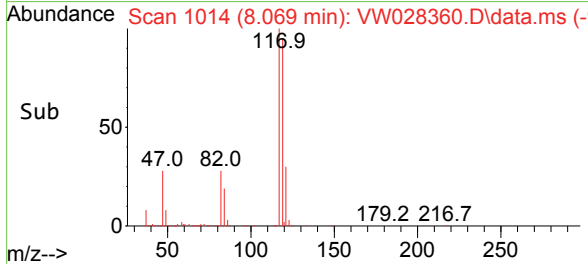
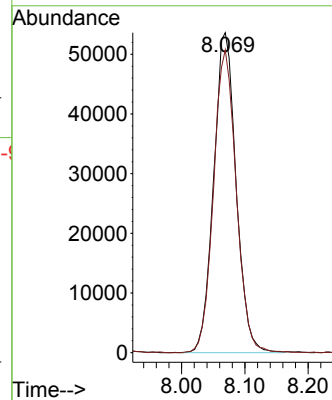
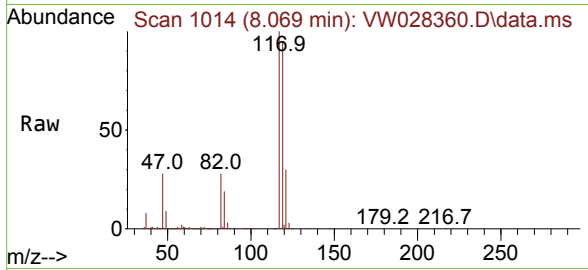




#31
Carbon tetrachloride
Concen: 23.725 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

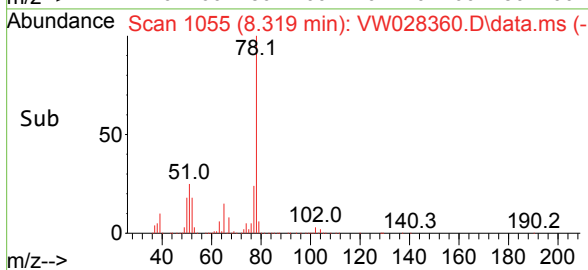
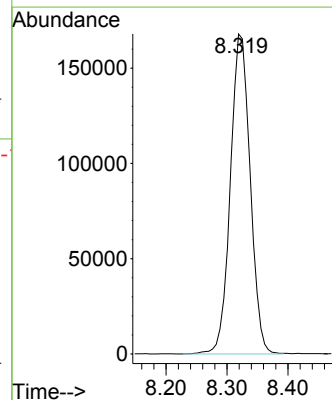
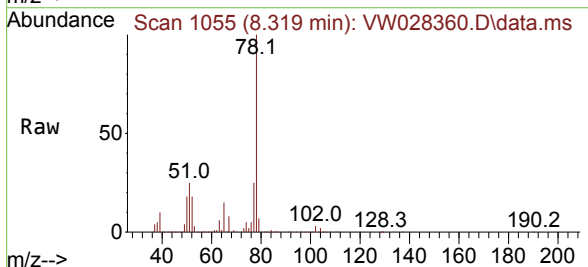
Instrument : MSVOA_W
ClientSampleId : VSTD025542

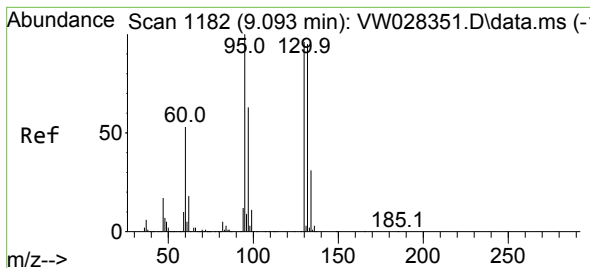
Tgt Ion:117 Resp: 132205
Ion Ratio Lower Upper
117 100
119 95.6 77.4 116.2



#33
Benzene
Concen: 23.411 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

Tgt Ion: 78 Resp: 379273





#34

Trichloroethene

Concen: 22.894 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

Tgt Ion: 95 Resp: 100513

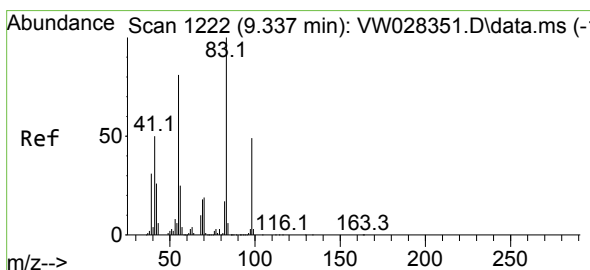
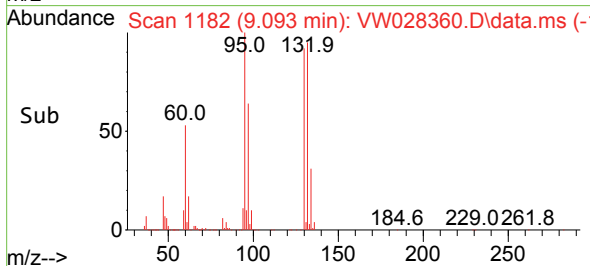
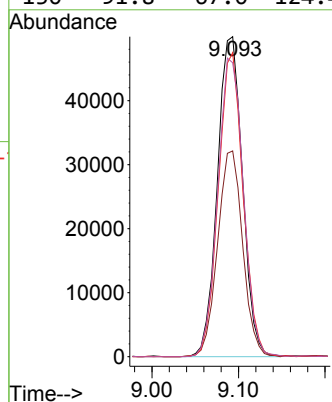
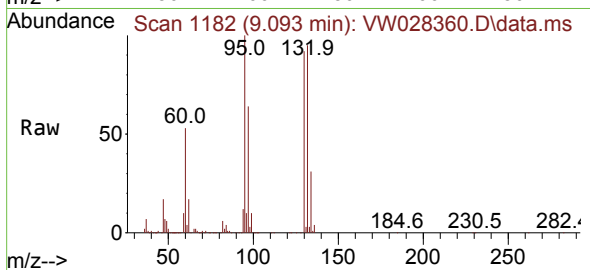
Ion Ratio Lower Upper

95 100

97 64.3 43.8 81.4

132 95.0 66.1 122.8

130 91.8 67.0 124.4



#35

Methylcyclohexane

Concen: 23.695 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

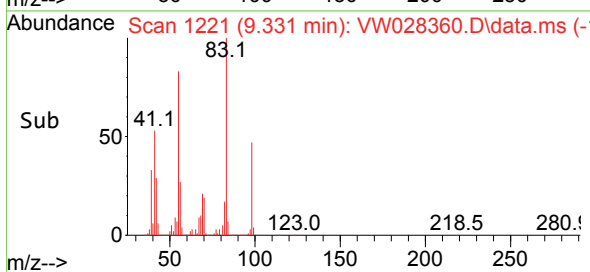
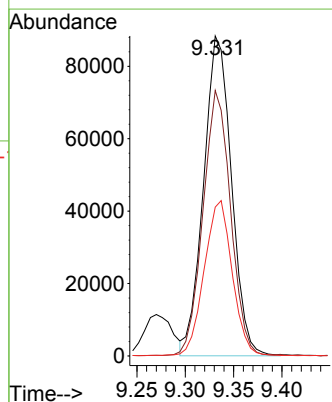
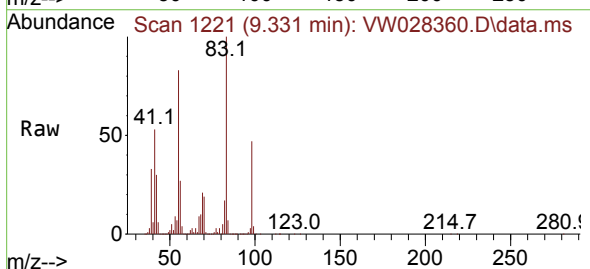
Tgt Ion: 83 Resp: 177516

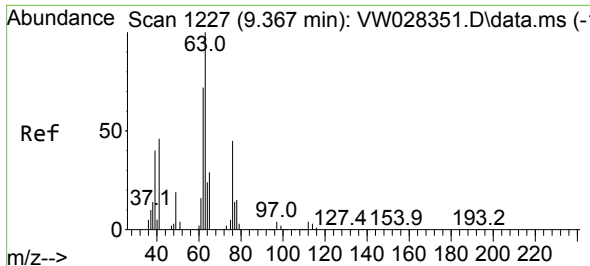
Ion Ratio Lower Upper

83 100

55 82.0 65.7 98.5

98 48.5 38.6 58.0





#37

1,2-Dichloropropane

Concen: 22.191 ug/L

RT: 9.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

Instrument :

MSVOA_W

ClientSampleId :

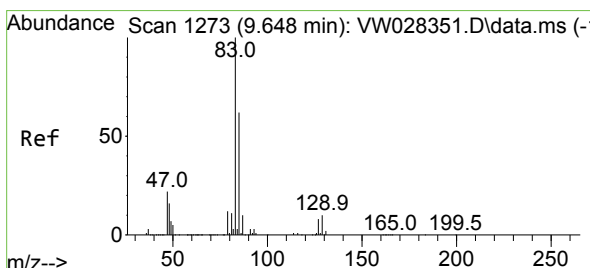
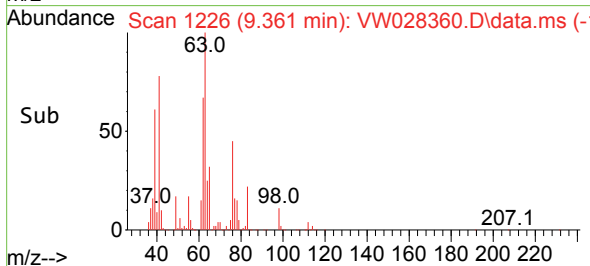
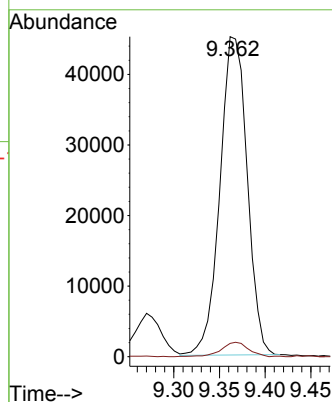
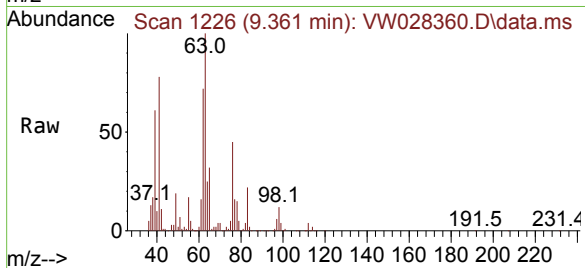
VSTD025542

Tgt Ion: 63 Resp: 93699

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 22.825 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

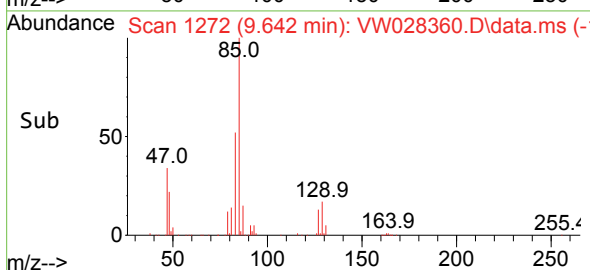
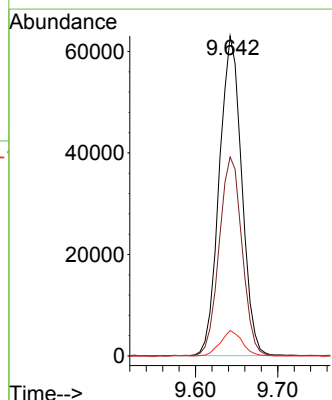
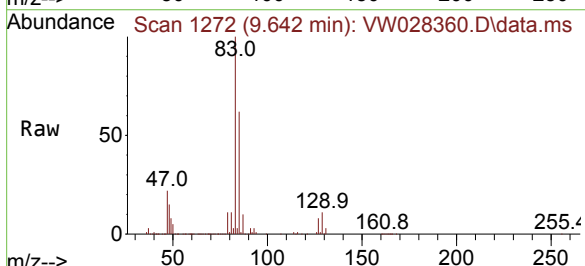
Tgt Ion: 83 Resp: 119457

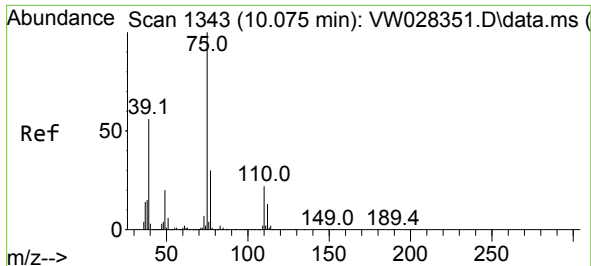
Ion Ratio Lower Upper

83 100

85 62.2 43.1 80.1

127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 23.104 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

Instrument :

MSVOA_W

ClientSampleId :

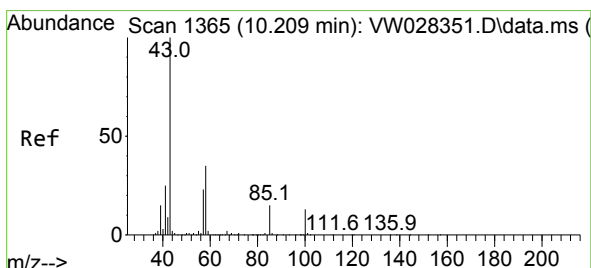
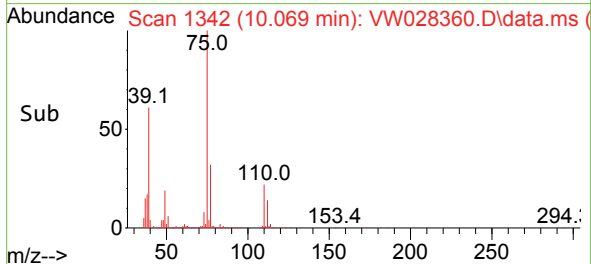
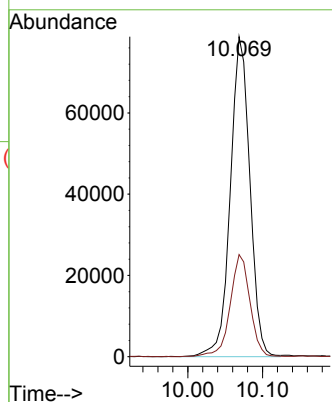
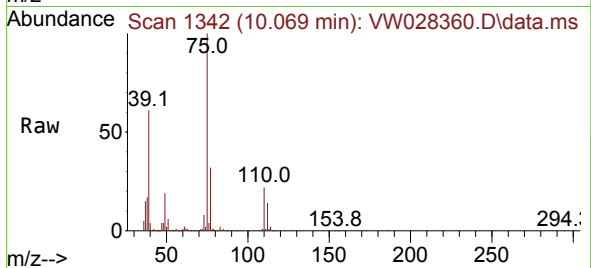
VSTD025542

Tgt Ion: 75 Resp: 143059

Ion Ratio Lower Upper

75 100

77 31.9 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 47.379 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

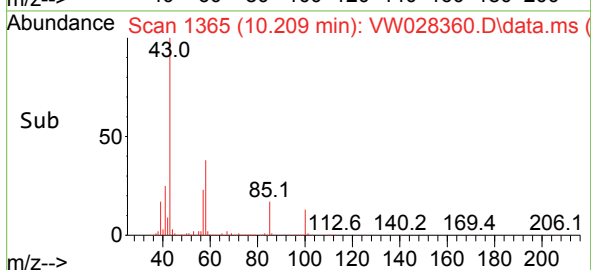
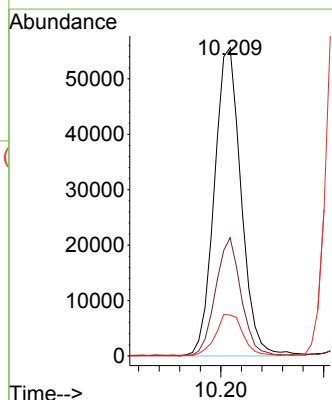
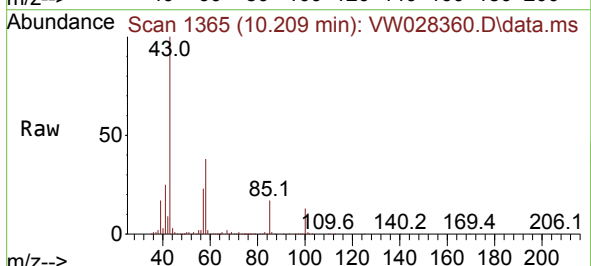
Tgt Ion: 43 Resp: 100146

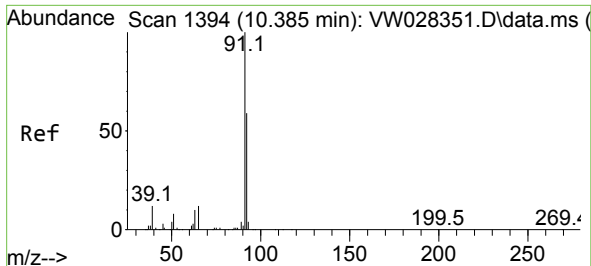
Ion Ratio Lower Upper

43 100

58 36.6 28.6 43.0

100 14.1 10.6 16.0

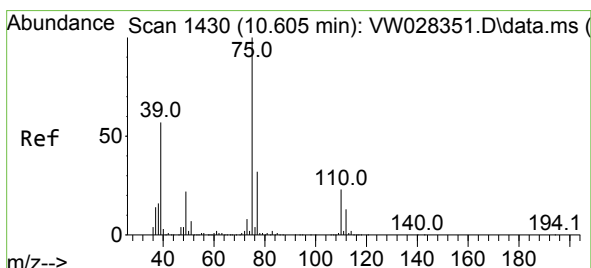
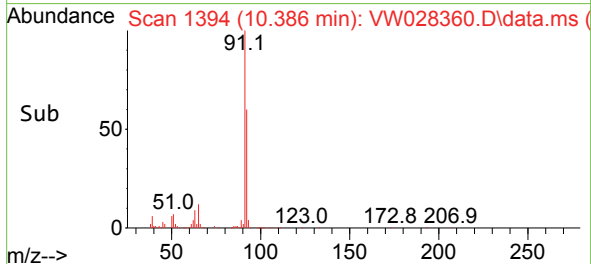
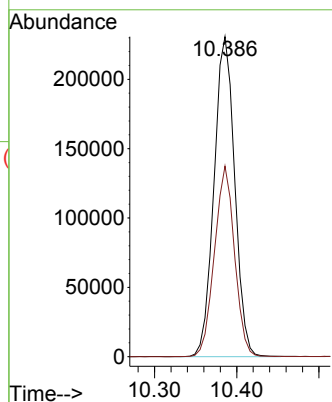
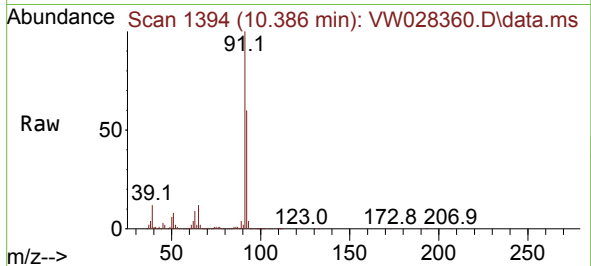




#42
Toluene
Concen: 23.488 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

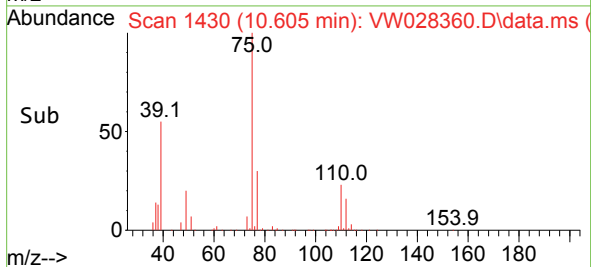
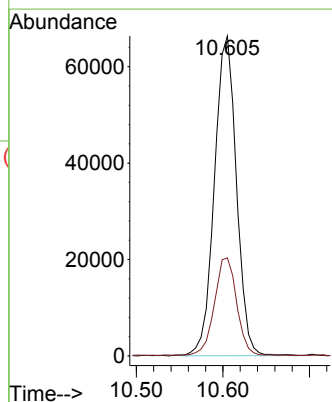
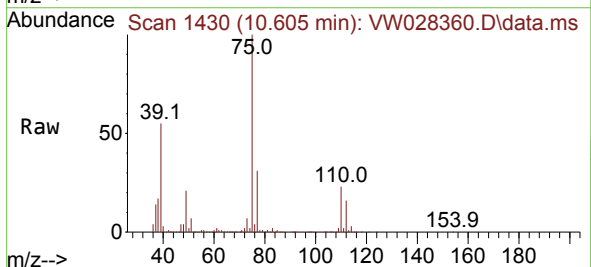
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

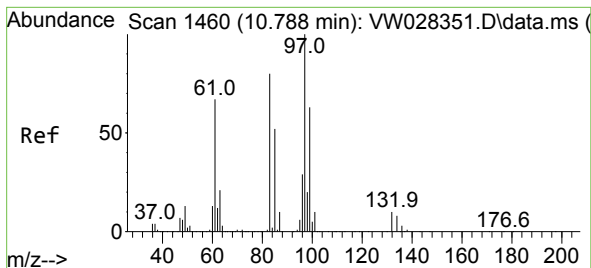
Tgt Ion: 91 Resp: 403114
Ion Ratio Lower Upper
91 100
92 59.6 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 23.356 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

Tgt Ion: 75 Resp: 116992
Ion Ratio Lower Upper
75 100
77 30.6 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 22.565 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

Tgt Ion: 97 Resp: 64461

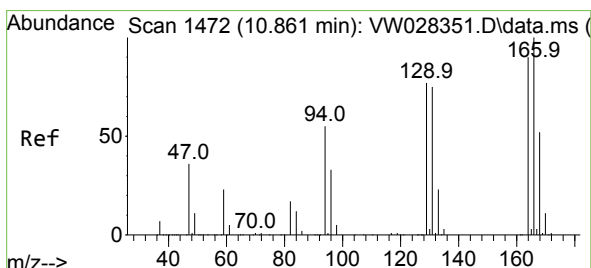
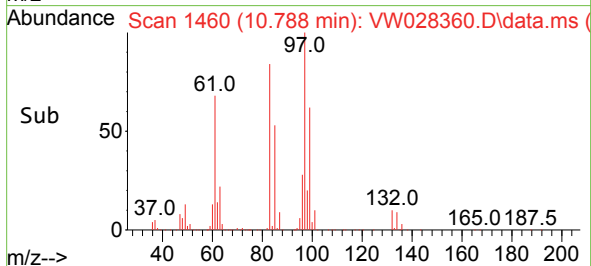
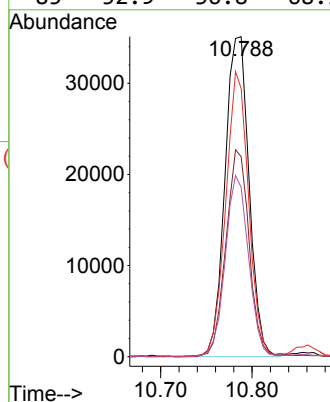
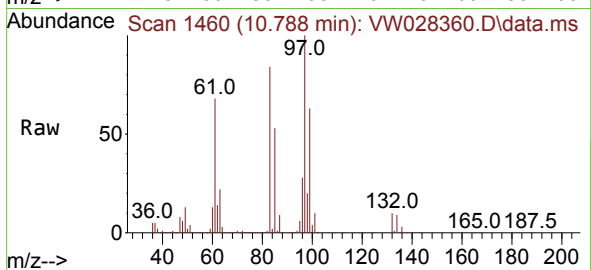
Ion Ratio Lower Upper

97 100

99 62.5 44.2 82.2

83 83.8 56.4 104.7

85 52.9 36.8 68.3



#46

Tetrachloroethene

Concen: 22.862 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

Tgt Ion: 164 Resp: 74974

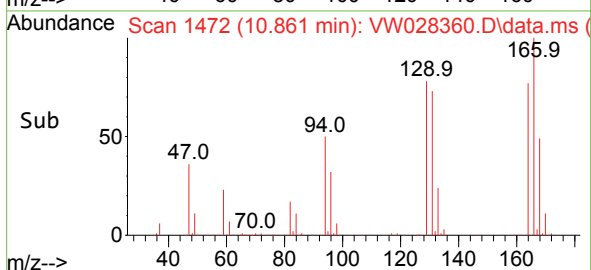
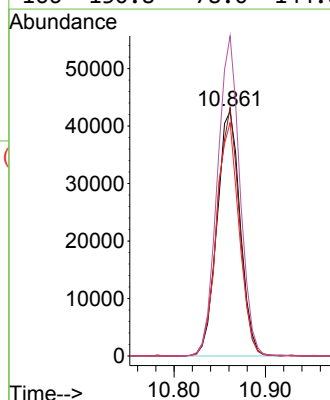
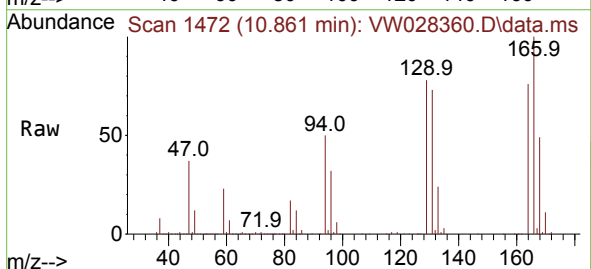
Ion Ratio Lower Upper

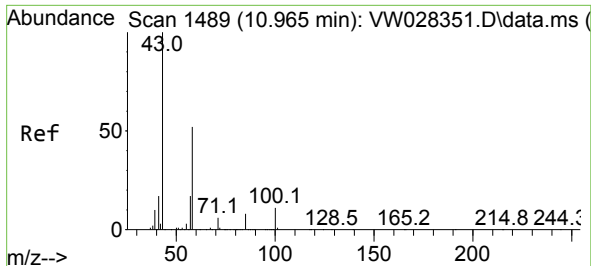
164 100

129 101.5 59.7 110.9

131 95.4 58.2 108.2

166 130.8 78.0 144.8

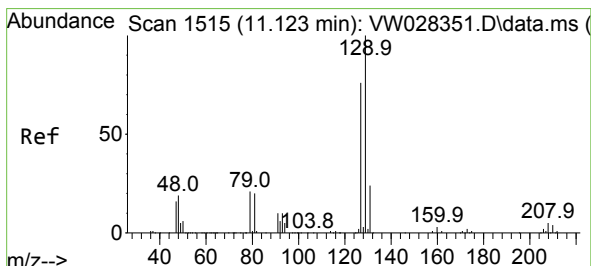
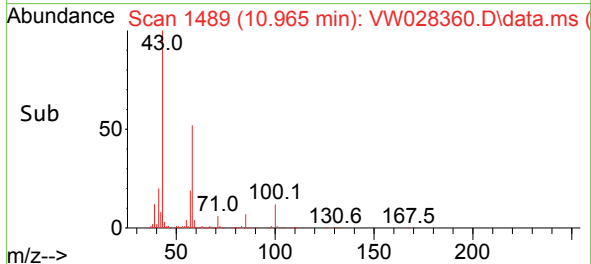
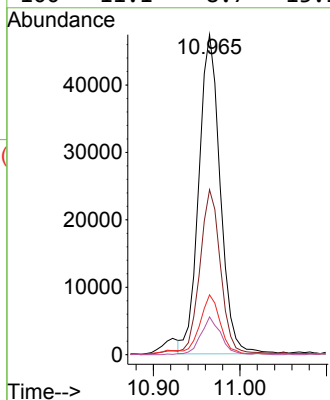
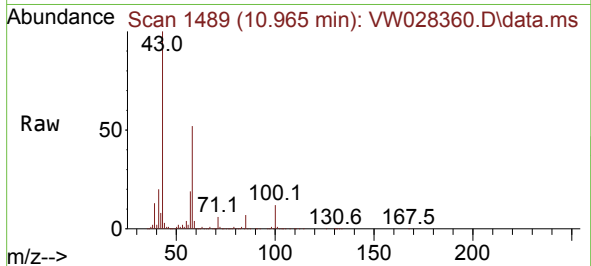




#48
2-Hexanone
Concen: 48.471 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

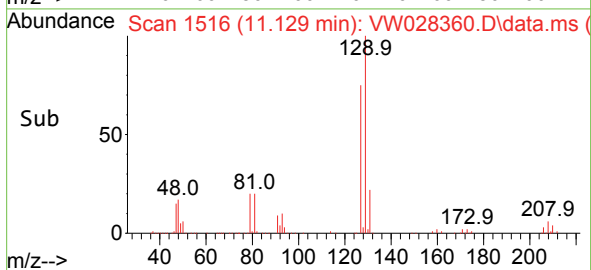
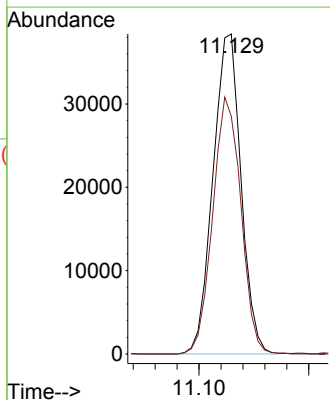
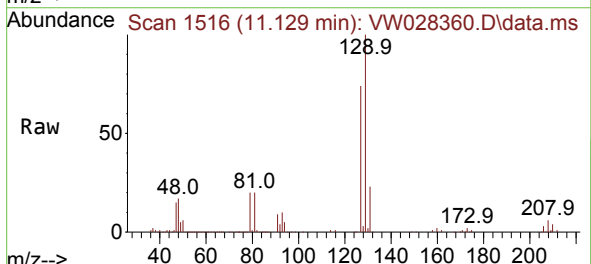
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

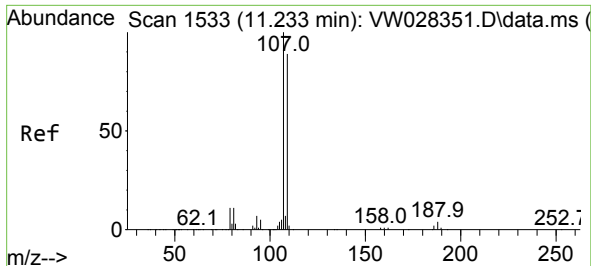
Tgt Ion:	43	Resp:	81325
Ion	Ratio	Lower	Upper
43	100		
58	49.3	38.9	58.3
57	17.5	14.4	21.6
100	11.1	8.7	13.1



#49
Dibromochloromethane
Concen: 22.368 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

Tgt Ion:	129	Resp:	68296
Ion	Ratio	Lower	Upper
129	100		
127	74.2	53.0	98.4

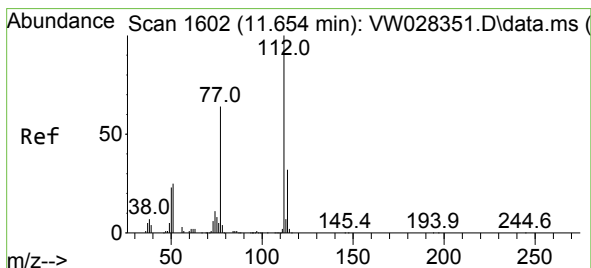
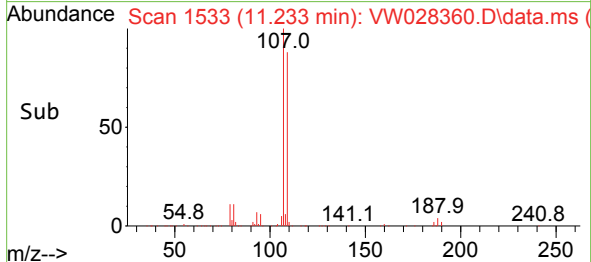
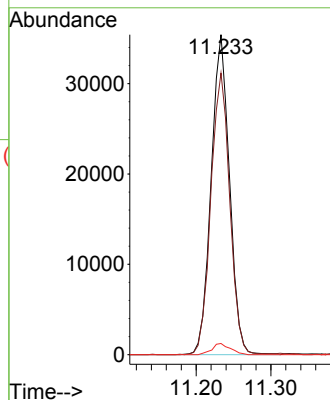
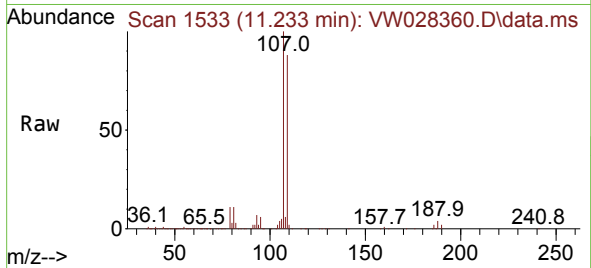




#50
1,2-Dibromoethane
Concen: 23.124 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

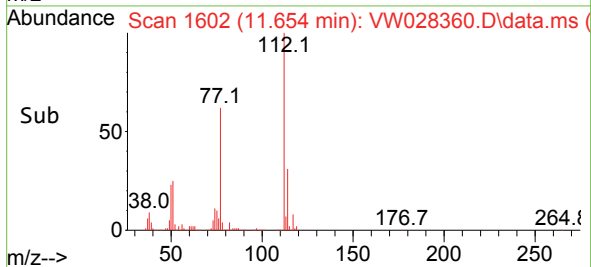
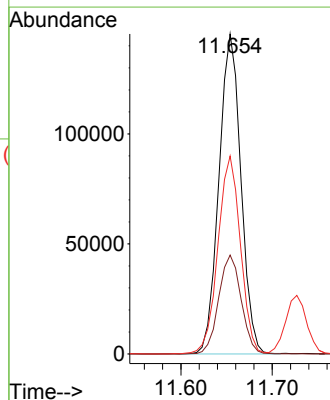
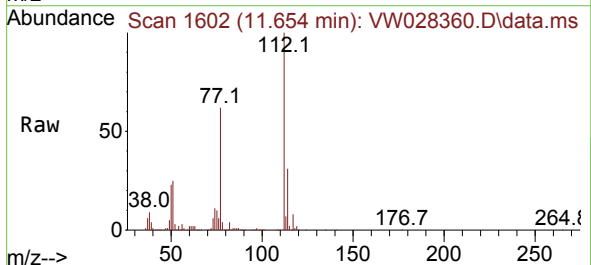
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

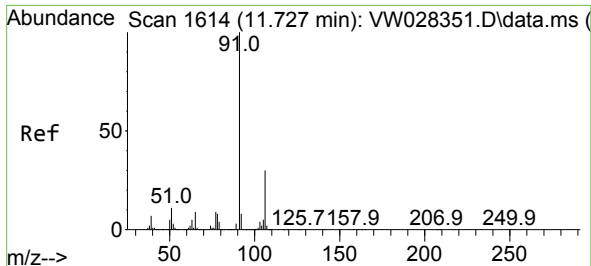
Tgt Ion:107 Resp: 60292
Ion Ratio Lower Upper
107 100
109 88.0 62.1 115.3
188 3.5 3.2 4.8



#51
Chlorobenzene
Concen: 22.798 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

Tgt Ion:112 Resp: 243211
Ion Ratio Lower Upper
112 100
114 30.9 22.3 41.3
77 61.8 51.8 77.8

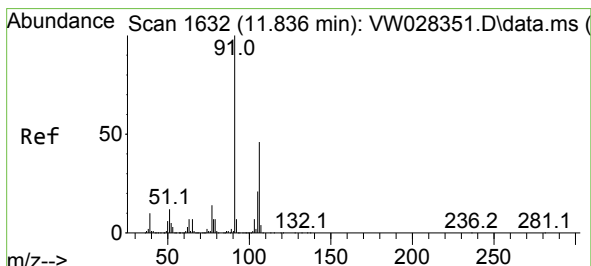
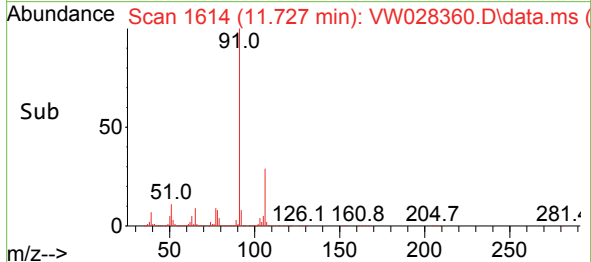
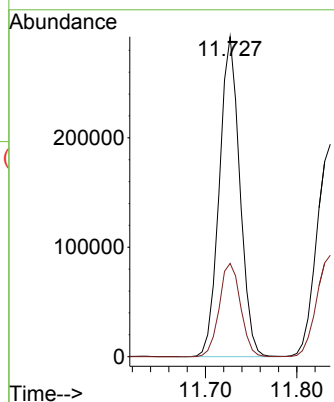
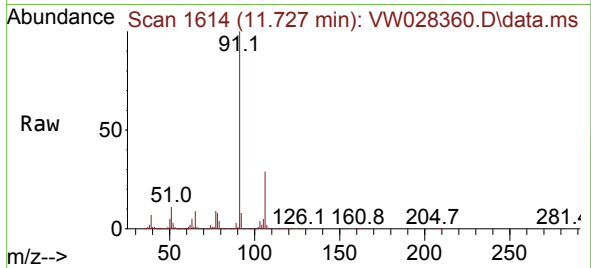




#52
Ethylbenzene
Concen: 23.383 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

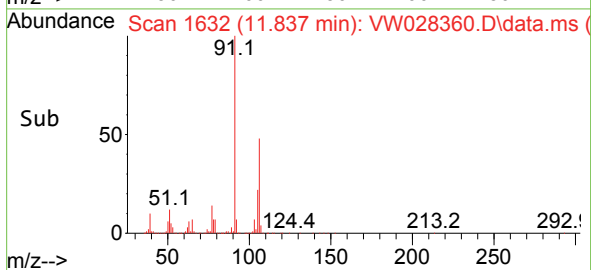
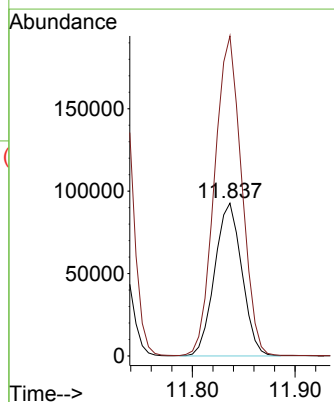
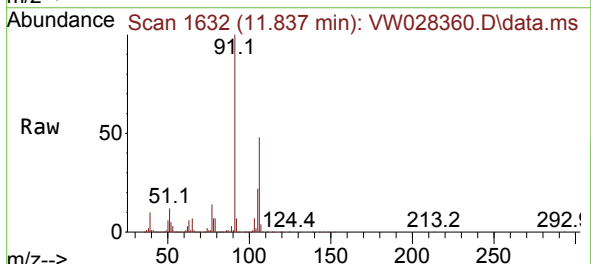
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

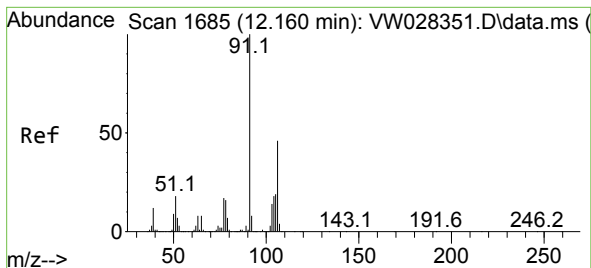
Tgt Ion: 91 Resp: 454917
Ion Ratio Lower Upper
91 100
106 29.2 21.2 39.4



#53
m,p-Xylene
Concen: 23.602 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

Tgt Ion: 106 Resp: 170756
Ion Ratio Lower Upper
106 100
91 209.4 152.4 283.0





#54

o-Xylene

Concen: 23.444 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

Instrument :

MSVOA_W

ClientSampleId :

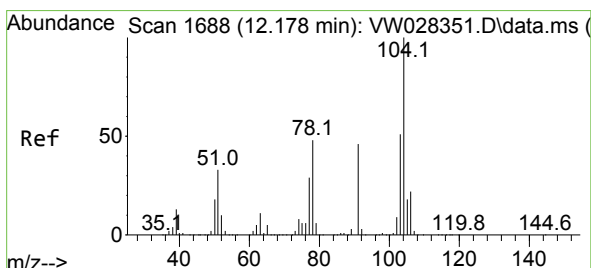
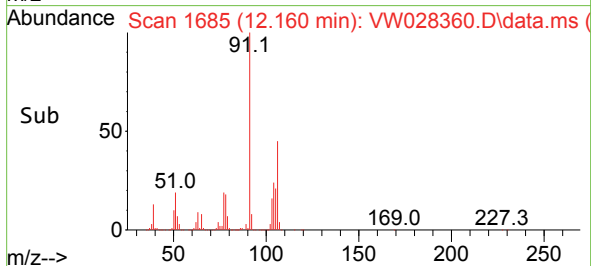
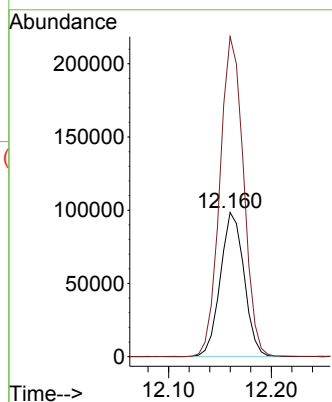
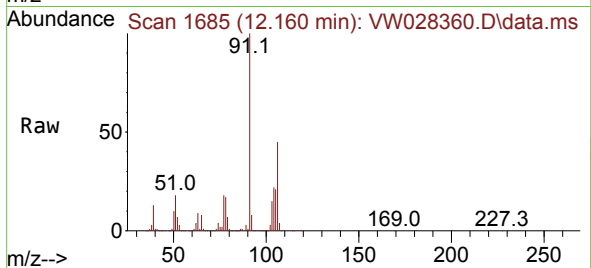
VSTD025542

Tgt Ion:106 Resp: 157933

Ion Ratio Lower Upper

106 100

91 221.9 152.9 283.9



#55

Styrene

Concen: 23.667 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028360.D

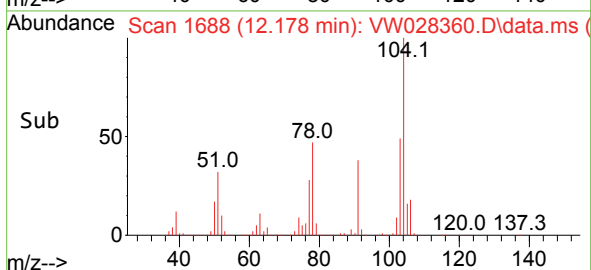
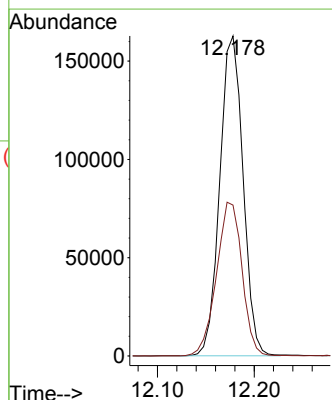
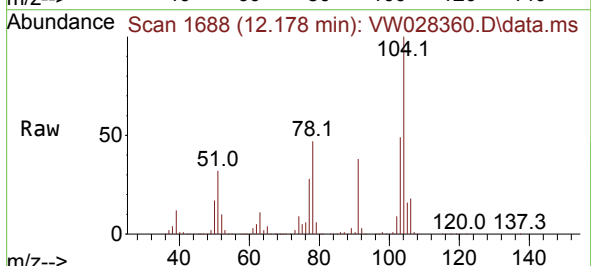
Acq: 09 Apr 2024 09:58

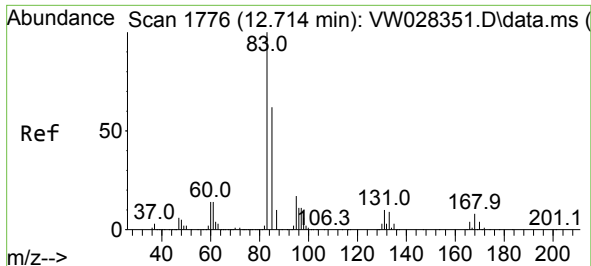
Tgt Ion:104 Resp: 271355

Ion Ratio Lower Upper

104 100

78 47.2 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 23.001 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

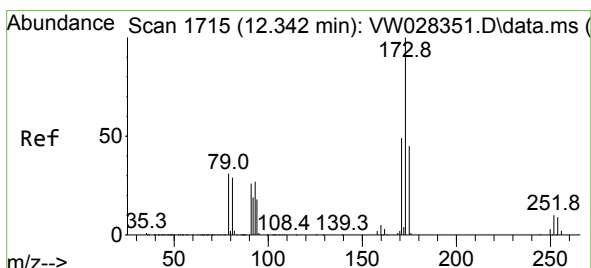
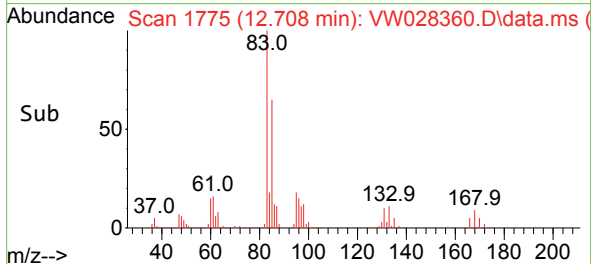
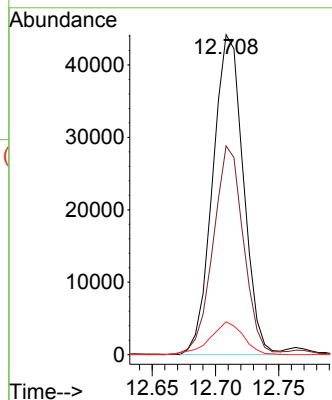
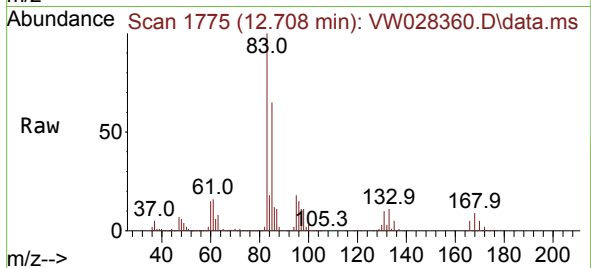
Tgt Ion: 83 Resp: 74357

Ion Ratio Lower Upper

83 100

85 65.2 43.4 80.6

131 10.3 8.0 12.0



#59

Bromoform

Concen: 22.800 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. 0.000 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

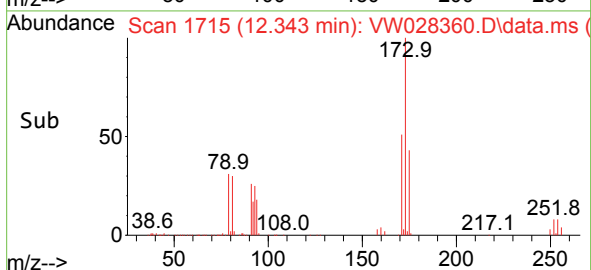
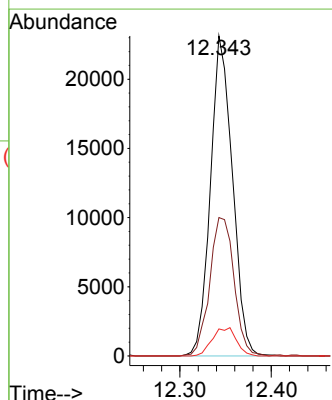
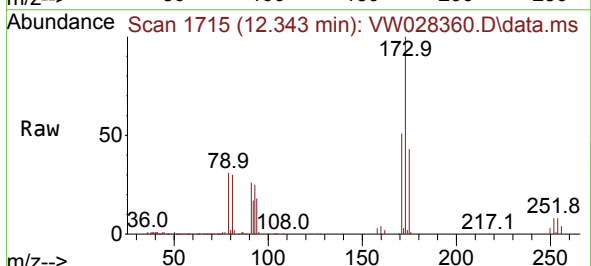
Tgt Ion:173 Resp: 38743

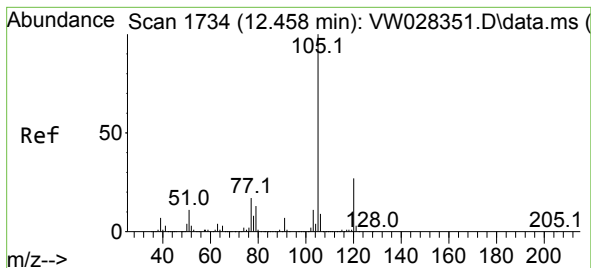
Ion Ratio Lower Upper

173 100

175 47.8 39.2 58.8

254 9.7 8.3 12.5





#60

Isopropylbenzene

Concen: 23.685 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

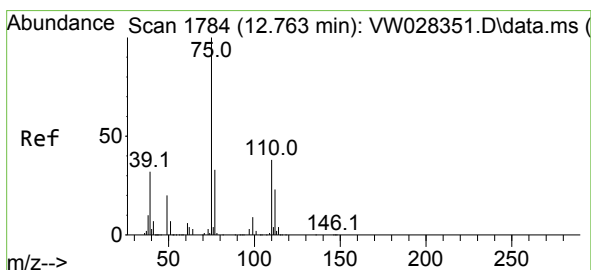
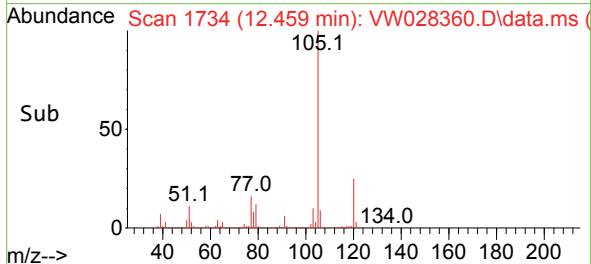
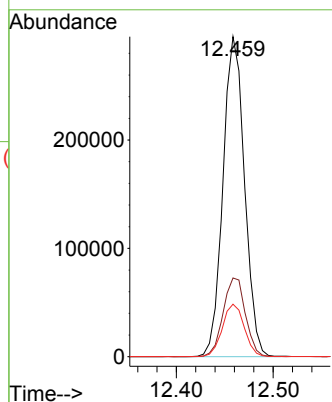
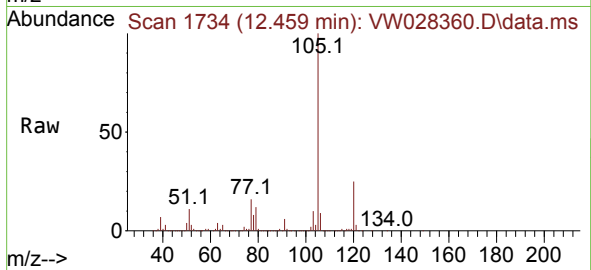
Tgt Ion:105 Resp: 457098

Ion Ratio Lower Upper

105 100

120 25.5 20.8 31.2

77 16.7 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 22.746 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

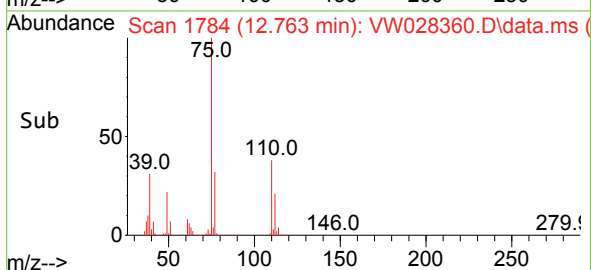
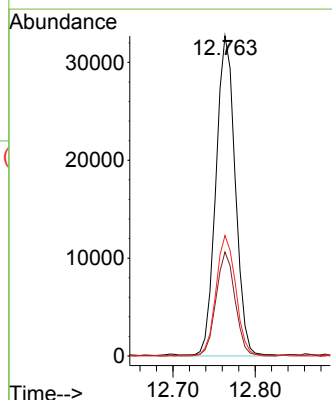
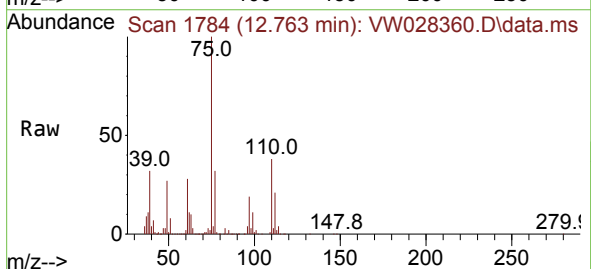
Tgt Ion: 75 Resp: 53534

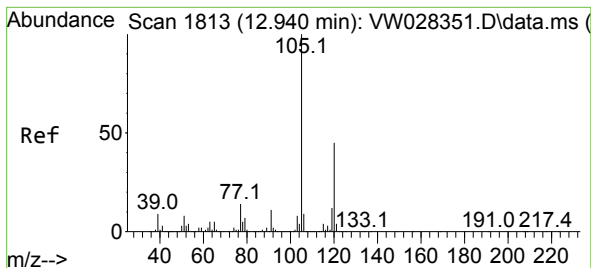
Ion Ratio Lower Upper

75 100

77 32.0 26.1 39.1

110 38.3 30.6 46.0

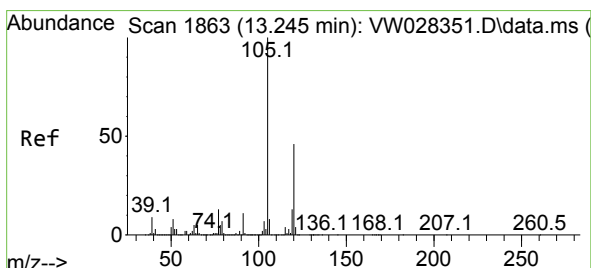
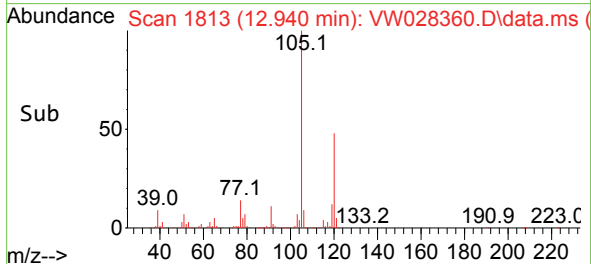
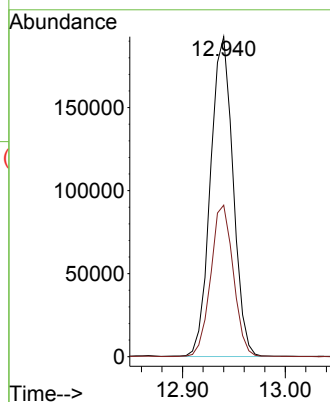
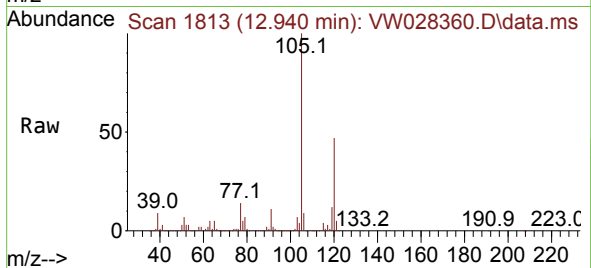




#62
1,3,5-Trimethylbenzene
Concen: 23.871 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

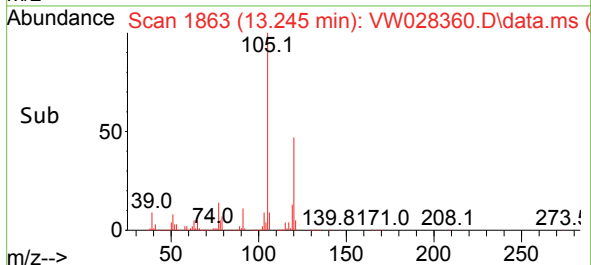
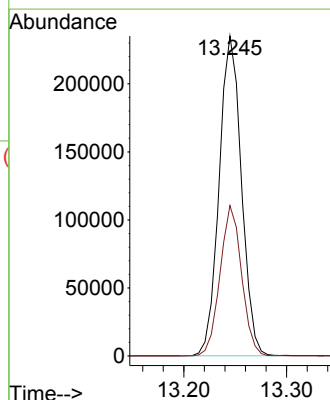
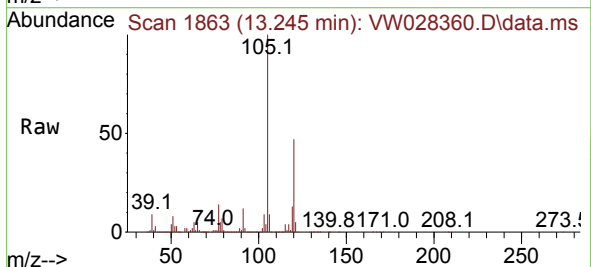
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

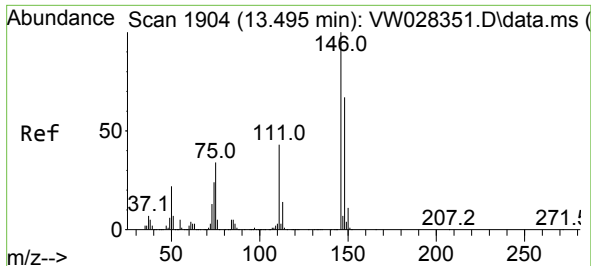
Tgt Ion:105 Resp: 293623
Ion Ratio Lower Upper
105 100
120 47.5 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 23.902 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

Tgt Ion:105 Resp: 353830
Ion Ratio Lower Upper
105 100
120 45.4 35.4 53.0

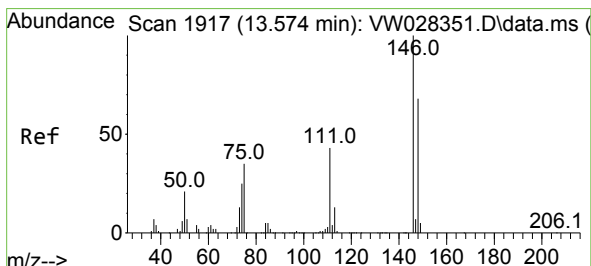
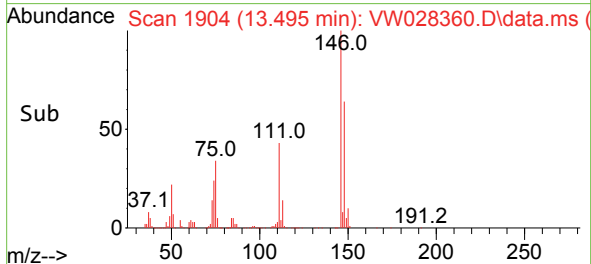
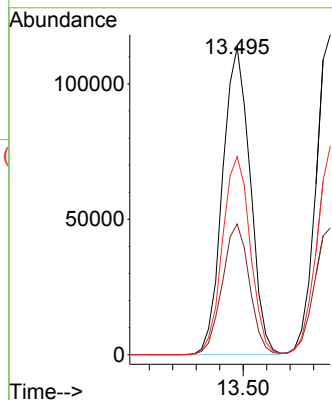
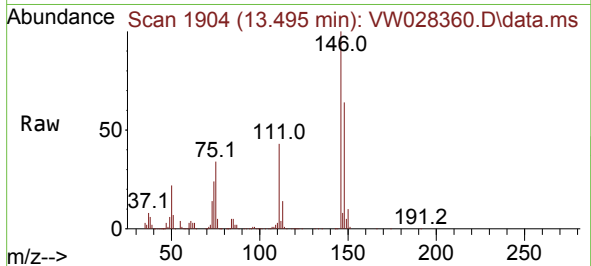




#64
1,3-Dichlorobenzene
Concen: 22.603 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

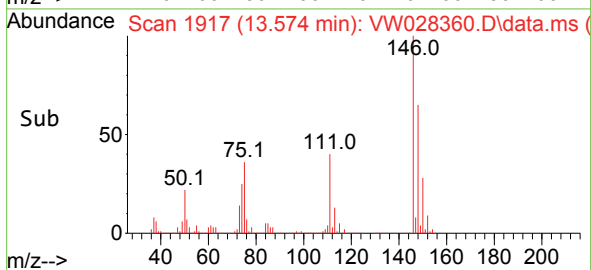
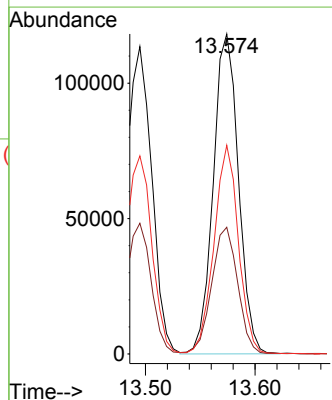
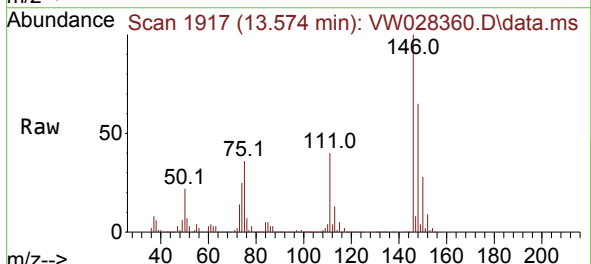
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

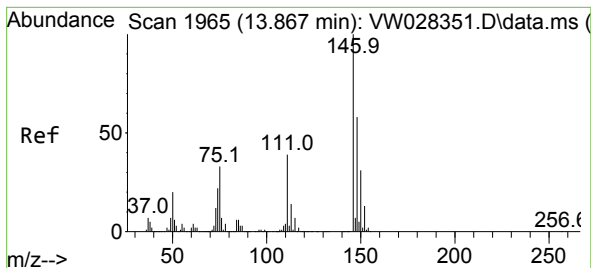
Tgt Ion:146 Resp: 185086
Ion Ratio Lower Upper
146 100
111 42.5 29.8 55.3
148 64.4 47.3 87.8



#65
1,4-Dichlorobenzene
Concen: 22.659 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028360.D
Acq: 09 Apr 2024 09:58

Tgt Ion:146 Resp: 188750
Ion Ratio Lower Upper
146 100
111 39.6 30.3 56.3
148 65.2 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 22.893 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

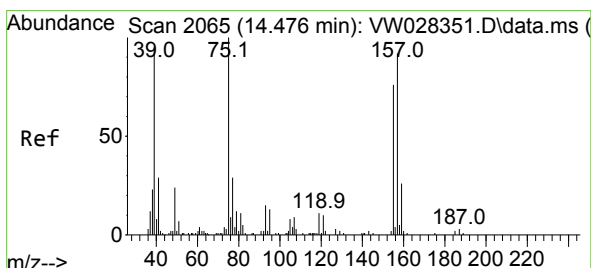
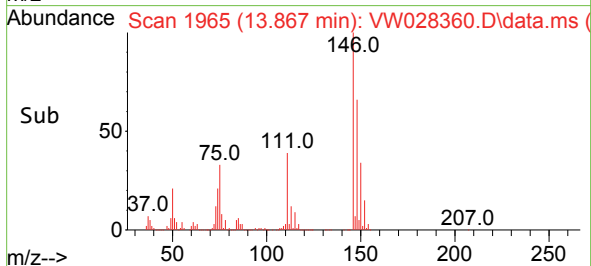
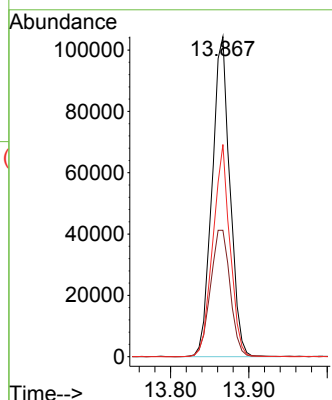
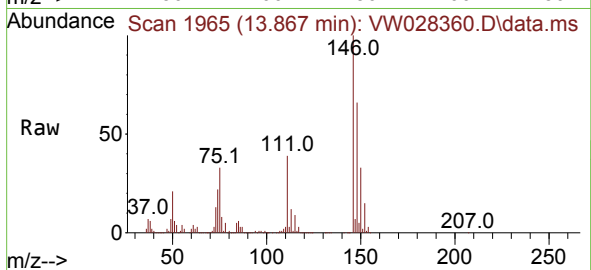
Tgt Ion:146 Resp: 164899

Ion Ratio Lower Upper

146 100

111 39.5 31.4 47.2

148 66.3 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 21.116 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

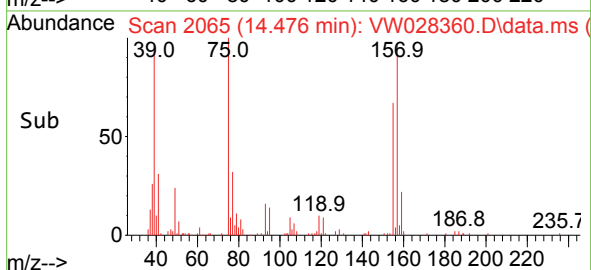
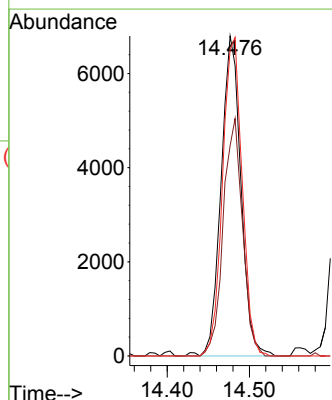
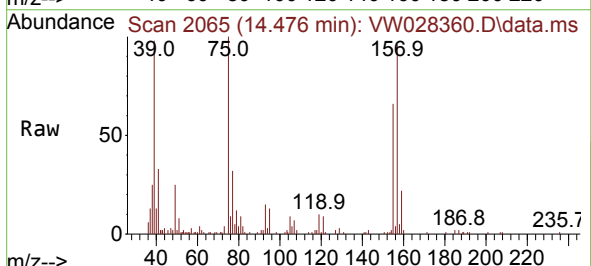
Tgt Ion: 75 Resp: 11388

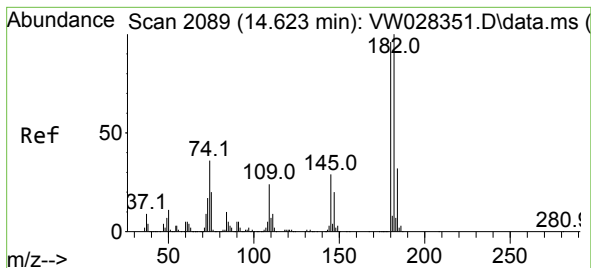
Ion Ratio Lower Upper

75 100

155 65.7 61.2 91.8

157 95.9 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 22.127 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

Tgt Ion:180 Resp: 124680

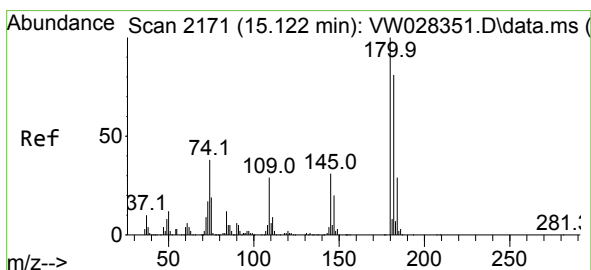
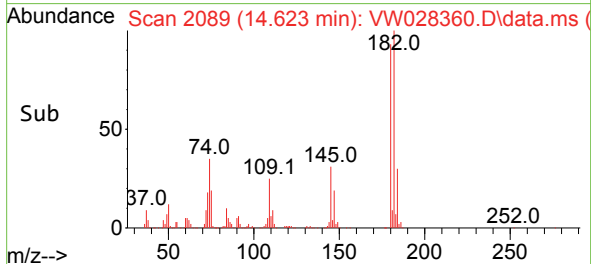
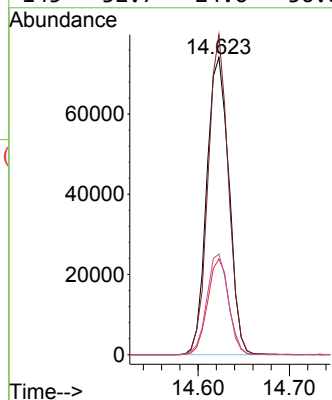
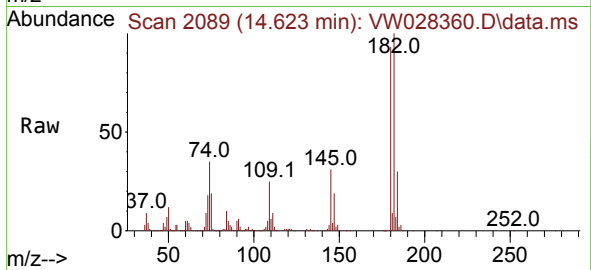
Ion Ratio Lower Upper

180 100

182 98.6 77.4 116.0

184 31.0 24.8 37.2

145 32.7 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 22.839 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

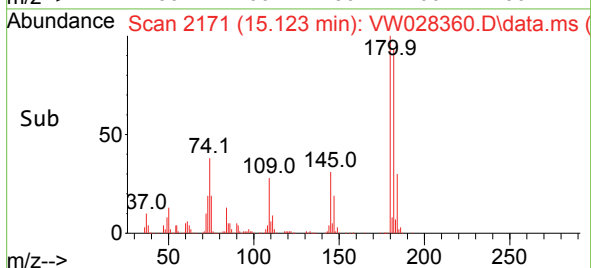
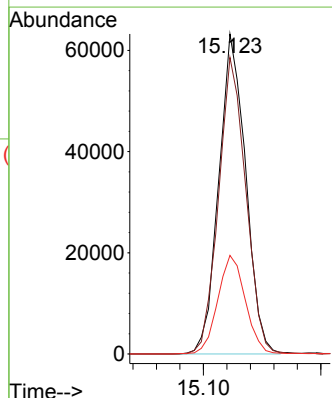
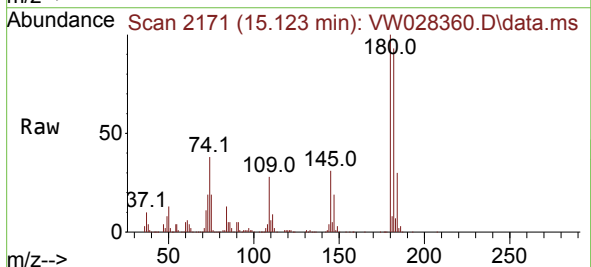
Tgt Ion:180 Resp: 100501

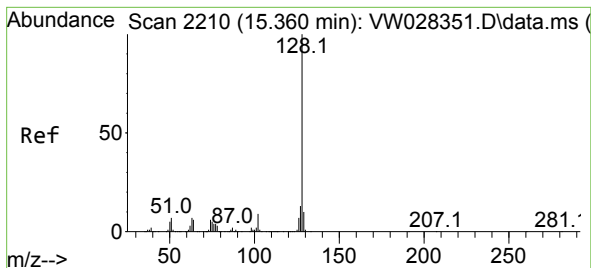
Ion Ratio Lower Upper

180 100

182 93.5 71.5 107.3

145 31.7 23.5 35.3





#71

Naphthalene

Concen: 23.189 ug/L

RT: 15.354 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

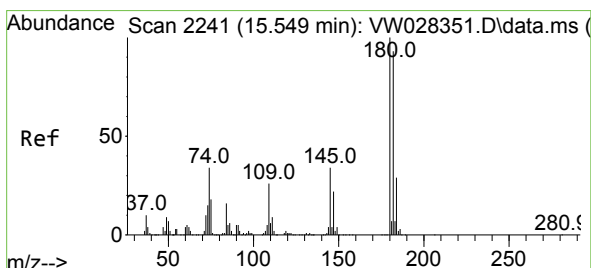
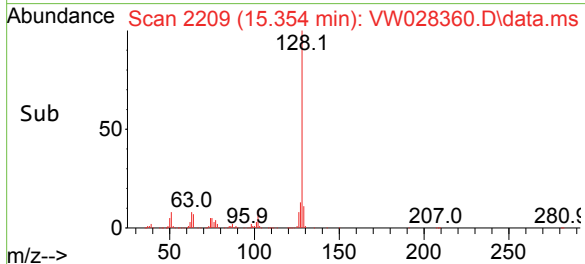
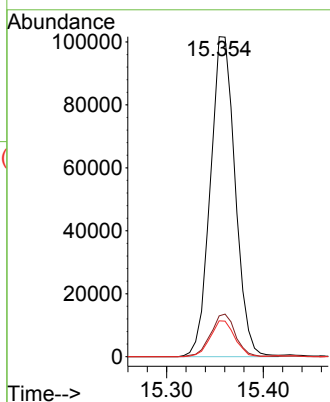
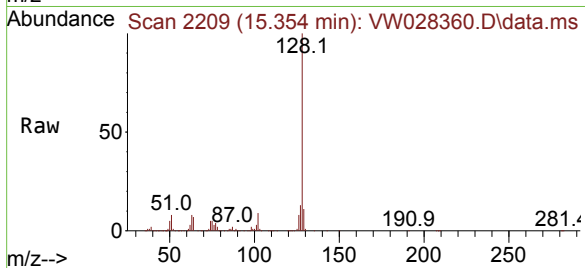
Tgt Ion:128 Resp: 180593

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 21.979 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028360.D

Acq: 09 Apr 2024 09:58

Tgt Ion:180 Resp: 85821

Ion Ratio Lower Upper

180 100

182 96.0 75.7 113.5

145 33.4 26.2 39.4

