

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041724\
 Data File : VW028463.D
 Acq On : 17 Apr 2024 09:40
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 18 02:15:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 17 05:34:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	315761	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	288840	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	138369	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	100775	19.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.640%
7) Chloroethane-d5	2.899	69	82751	21.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
11) 1,1-Dichloroethene-d2	4.021	65	44025	20.537	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.160%
21) 2-Butanone-d5	7.075	46	46726	49.327	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.660%
24) Chloroform-d	7.648	84	199838	24.253	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	8.307	65	104081	24.307	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.240%
32) Benzene-d6	8.270	84	368013	23.323	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	9.270	67	111753	23.827	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.320%
41) Toluene-d8	10.319	98	338327	23.580	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.320%
43) trans-1,3-Dichloroprop...	10.575	79	44130	23.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.640%
47) 2-Hexanone-d5	10.922	63	32571	50.133	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84504	25.536	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	109009	24.911	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	88890	20.931	ug/L	90
3) Chloromethane	2.223	50	118384	23.742	ug/L	99
5) Vinyl chloride	2.375	62	138131	23.262	ug/L	97
6) Bromomethane	2.789	94	83247	22.438	ug/L	98
8) Chloroethane	2.936	64	82331	23.000	ug/L	95
9) Trichlorofluoromethane	3.265	101	115762	24.437	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	106818	23.968	ug/L	98
12) 1,1-Dichloroethene	4.051	96	99800	23.850	ug/L	87
13) Acetone	4.119	43	55502	47.719	ug/L	97
14) Carbon disulfide	4.393	76	313385	22.747	ug/L	99
15) Methyl Acetate	4.667	43	45008	24.050	ug/L	99
16) Methylene chloride	4.917	84	105975	22.180	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	107744	24.443	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	152364	24.573	ug/L	100
19) 1,1-Dichloroethane	6.216	63	211860	24.669	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	116022	24.800	ug/L	96
22) 2-Butanone	7.173	43	65951	46.723	ug/L	95
23) Bromochloromethane	7.520	128	47733	23.688	ug/L	90
25) Chloroform	7.679	83	211860	25.113	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041724\
 Data File : VW028463.D
 Acq On : 17 Apr 2024 09:40
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 18 02:15:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 17 05:34:21 2024
 Response via : Initial Calibration

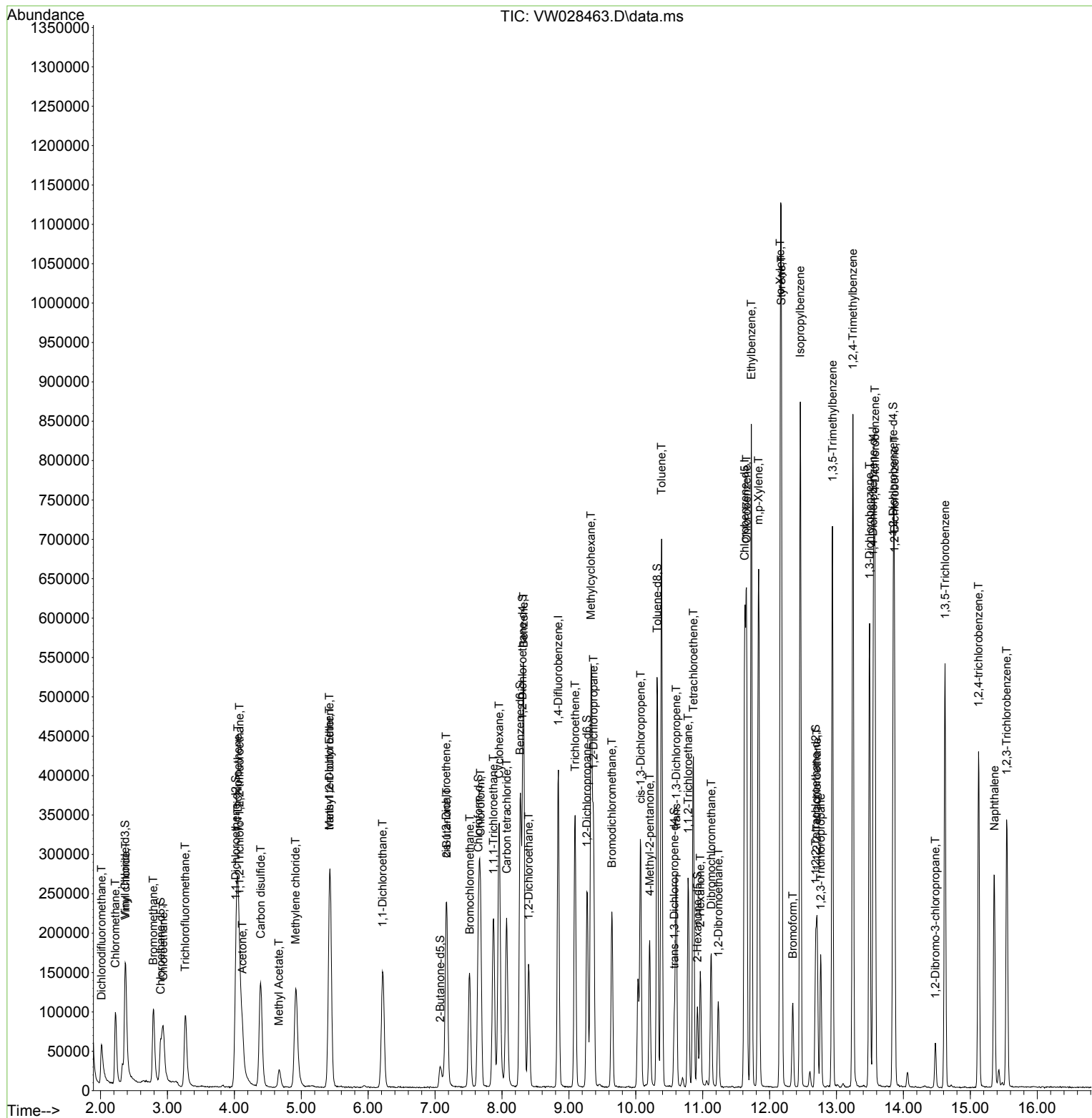
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	142095	24.403	ug/L	99
29) Cyclohexane	7.959	56	194400	25.480	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	173072	24.706	ug/L	99
31) Carbon tetrachloride	8.069	117	156543	25.200	ug/L	99
33) Benzene	8.325	78	456810	25.295	ug/L	100
34) Trichloroethene	9.093	95	120422	24.606	ug/L	98
35) Methylcyclohexane	9.331	83	211480	25.322	ug/L	98
37) 1,2-Dichloropropane	9.368	63	115743	24.590	ug/L	100
38) Bromodichloromethane	9.642	83	145106	24.872	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	173532	25.141	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	123721	52.508	ug/L	99
42) Toluene	10.386	91	478202	24.995	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	140182	25.105	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	79536	24.977	ug/L	96
46) Tetrachloroethene	10.861	164	90082	24.642	ug/L	84
48) 2-Hexanone	10.965	43	94947	50.765	ug/L	99
49) Dibromochloromethane	11.129	129	83025	24.393	ug/L	97
50) 1,2-Dibromoethane	11.233	107	72629	24.989	ug/L	95
51) Chlorobenzene	11.654	112	289308	24.328	ug/L	97
52) Ethylbenzene	11.727	91	552838	25.491	ug/L	97
53) m,p-Xylene	11.837	106	204514	25.358	ug/L	89
54) o-Xylene	12.160	106	188445	25.094	ug/L	92
55) Styrene	12.178	104	331684	25.952	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	91770	25.465	ug/L	99
59) Bromoform	12.349	173	47120	25.798	ug/L	98
60) Isopropylbenzene	12.458	105	535322	25.806	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	65258	25.796	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	356981	27.000	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	429630	27.001	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	219431	24.930	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	228098	25.475	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	204195	26.374	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	14107	24.335	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	149220	24.637	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	124939	26.415	ug/L	97
71) Naphthalene	15.360	128	223175	26.661	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	109028	25.977	ug/L	98

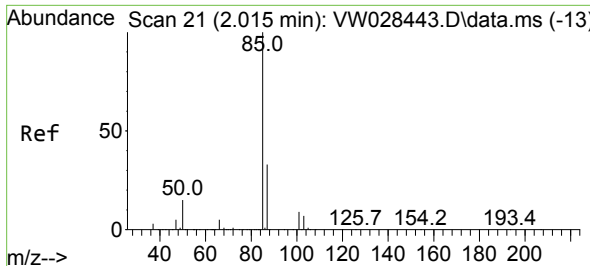
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041724\
 Data File : VW028463.D
 Acq On : 17 Apr 2024 09:40
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 18 02:15:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 17 05:34:21 2024
 Response via : Initial Calibration

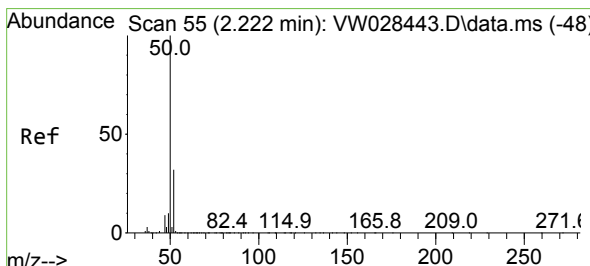
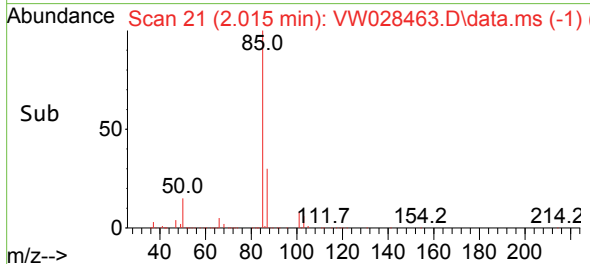
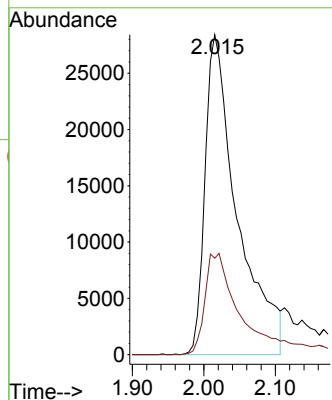
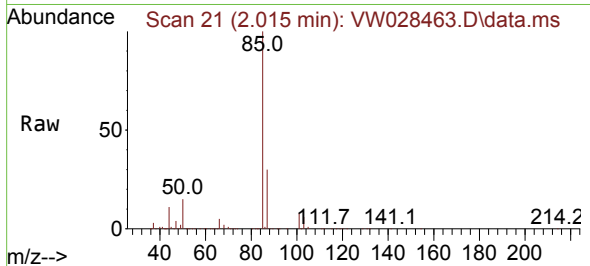




#2
 Dichlorodifluoromethane
 Concen: 20.931 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028463.D
 Acq: 17 Apr 2024 09:40

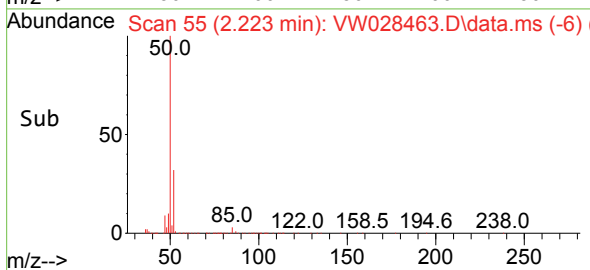
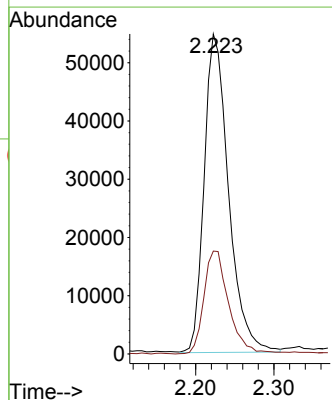
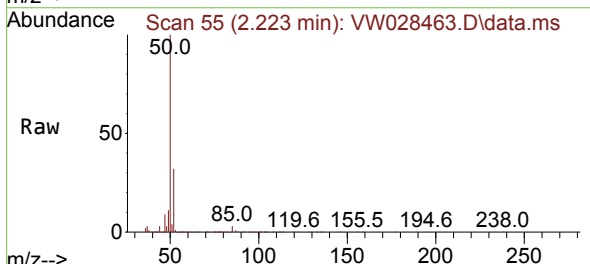
Instrument :
 MSVOA_W
 ClientSampleId :

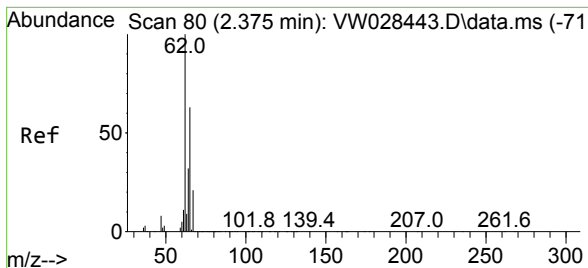
Tgt Ion: 85 Resp: 88890
 Ion Ratio Lower Upper
 85 100
 87 34.5 23.4 35.0



#3
 Chloromethane
 Concen: 23.742 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028463.D
 Acq: 17 Apr 2024 09:40

Tgt Ion: 50 Resp: 118384
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.6





#5

Vinyl chloride

Concen: 23.262 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

Instrument :

MSVOA_W

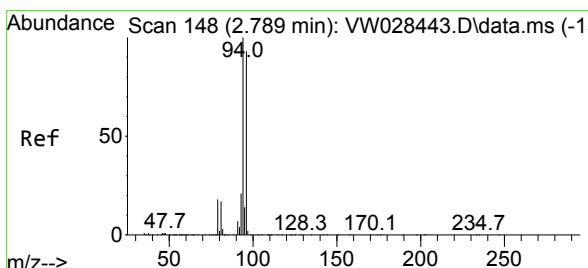
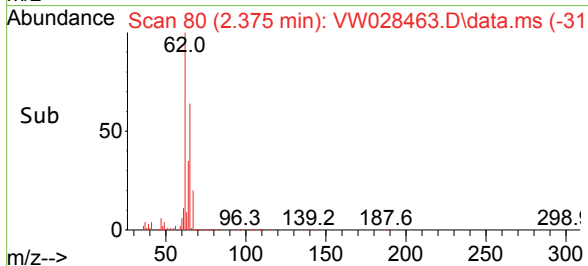
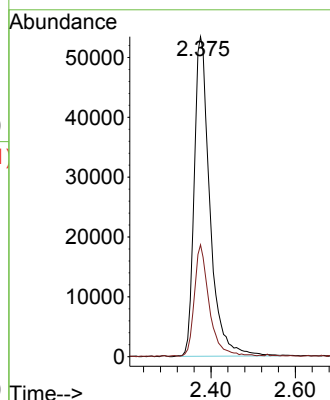
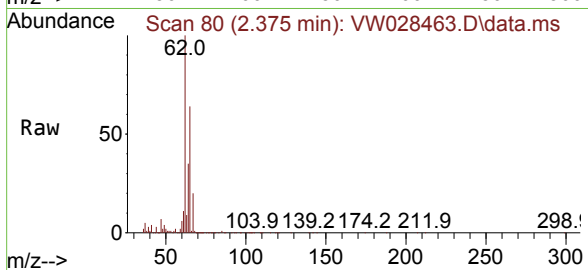
ClientSampleId :

Tgt Ion: 62 Resp: 138131

Ion Ratio Lower Upper

62 100

64 34.9 23.1 42.9



#6

Bromomethane

Concen: 22.438 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW028463.D

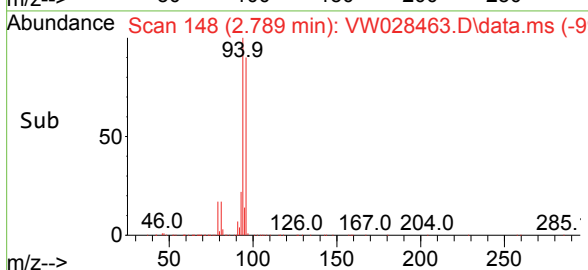
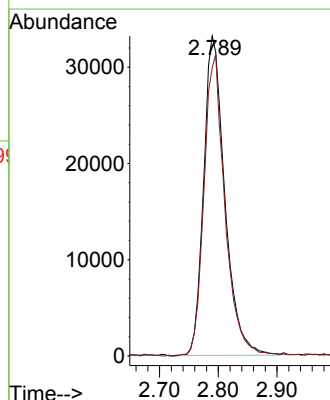
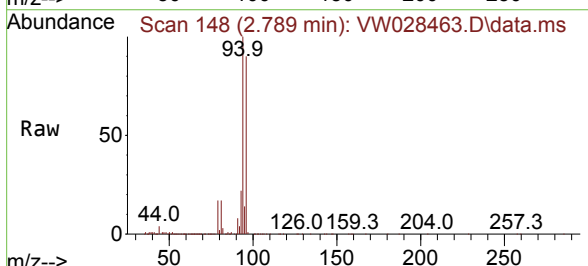
Acq: 17 Apr 2024 09:40

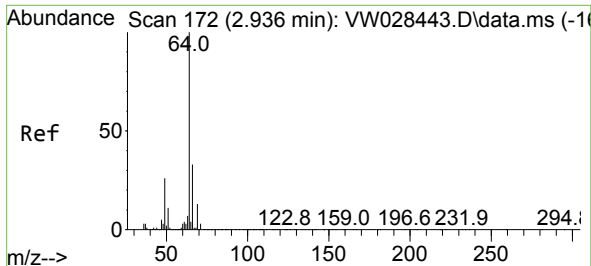
Tgt Ion: 94 Resp: 83247

Ion Ratio Lower Upper

94 100

96 90.0 64.3 119.5

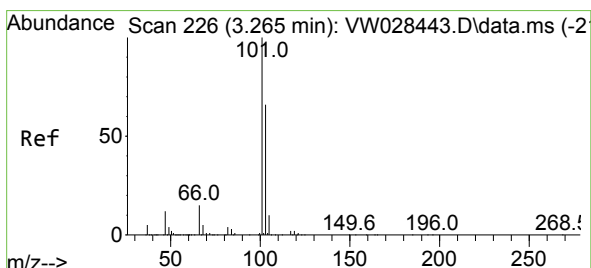
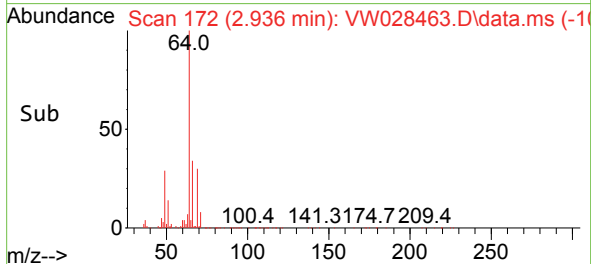
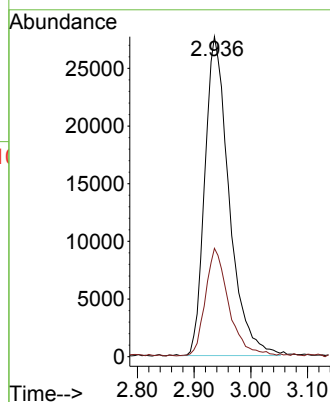
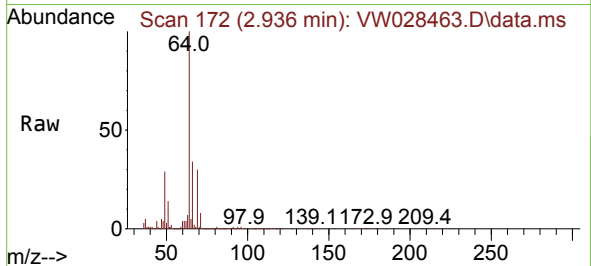




#8
Chloroethane
Concen: 23.000 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

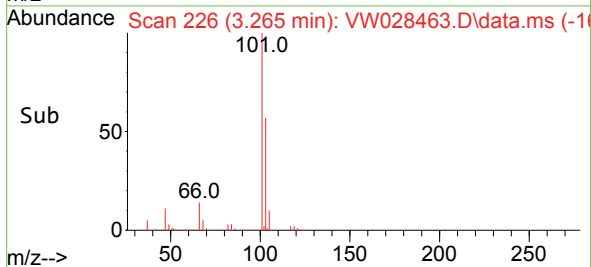
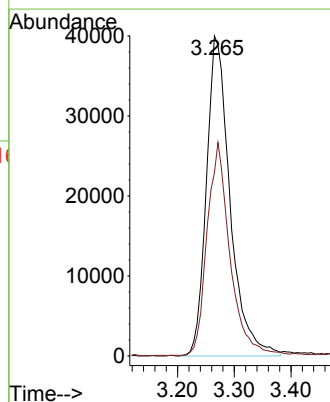
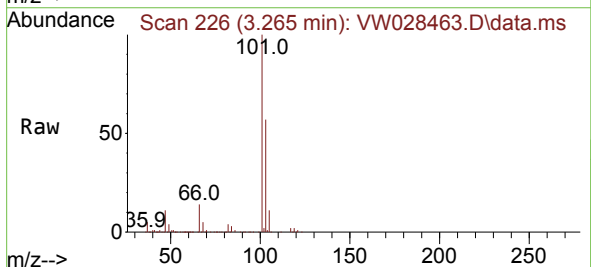
Instrument :
MSVOA_W
ClientSampleId :

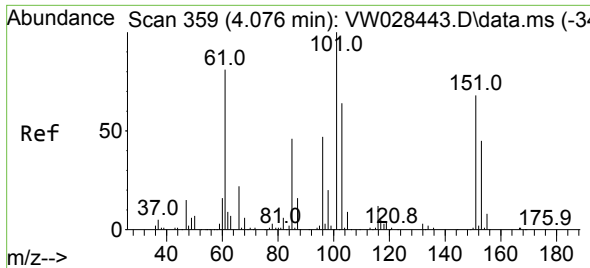
Tgt Ion: 64 Resp: 82331
Ion Ratio Lower Upper
64 100
66 33.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 24.437 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

Tgt Ion: 101 Resp: 115762
Ion Ratio Lower Upper
101 100
103 64.1 52.0 78.0

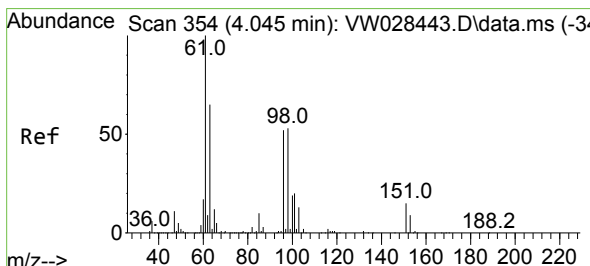
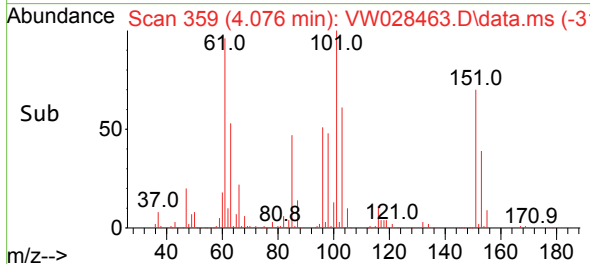
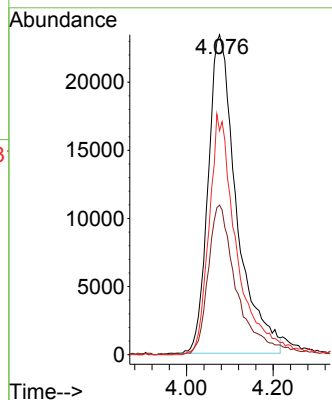
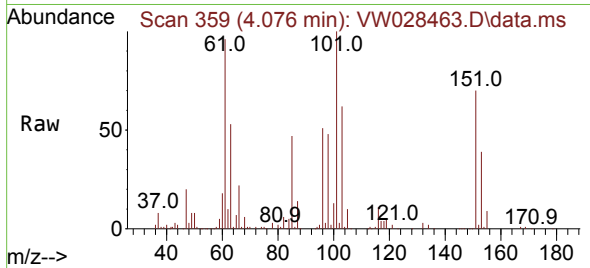




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.968 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW028463.D
 Acq: 17 Apr 2024 09:40

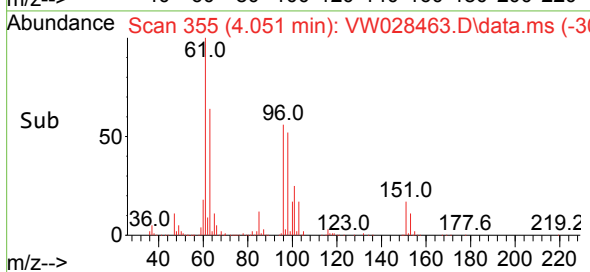
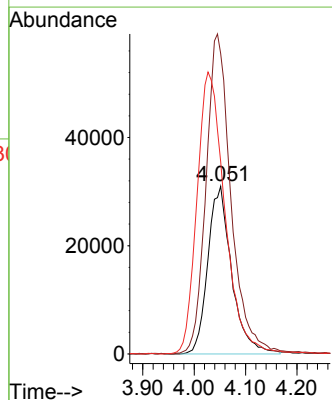
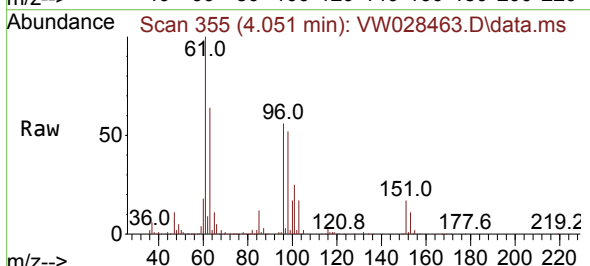
Instrument :
 MSVOA_W
 ClientSampleId :

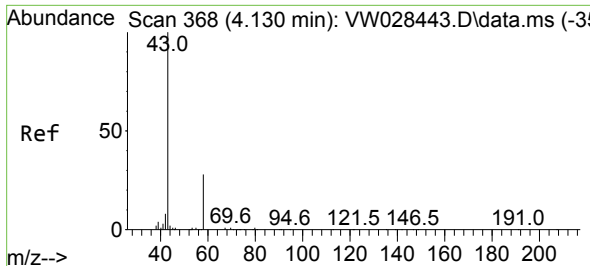
Tgt Ion:101 Resp: 106818
 Ion Ratio Lower Upper
 101 100
 85 45.2 34.5 51.7
 151 72.4 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 23.850 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW028463.D
 Acq: 17 Apr 2024 09:40

Tgt Ion: 96 Resp: 99800
 Ion Ratio Lower Upper
 96 100
 61 179.2 130.5 242.5
 63 114.7 101.5 188.5





#13

Acetone

Concen: 47.719 ug/L

RT: 4.119 min Scan# 366

Delta R.T. -0.012 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

Instrument :

MSVOA_W

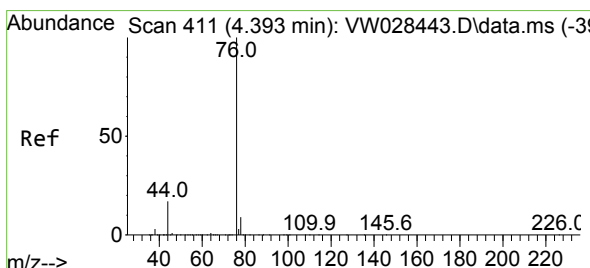
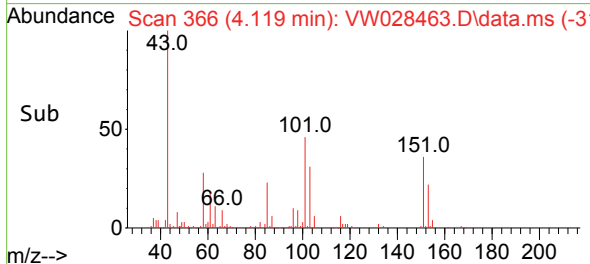
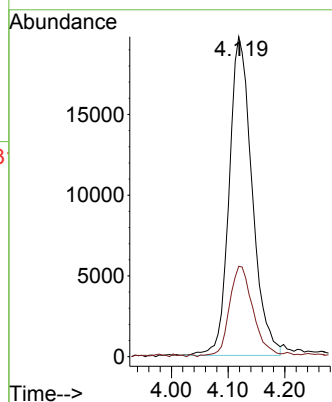
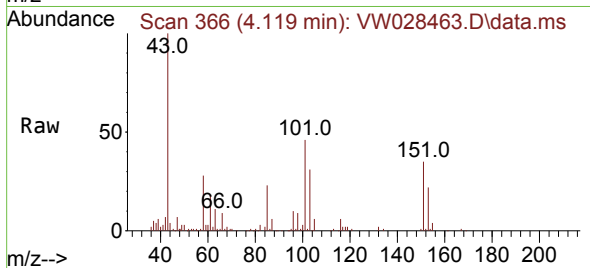
ClientSampleId :

Tgt Ion: 43 Resp: 55502

Ion Ratio Lower Upper

43 100

58 28.2 0.0 53.4



#14

Carbon disulfide

Concen: 22.747 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW028463.D

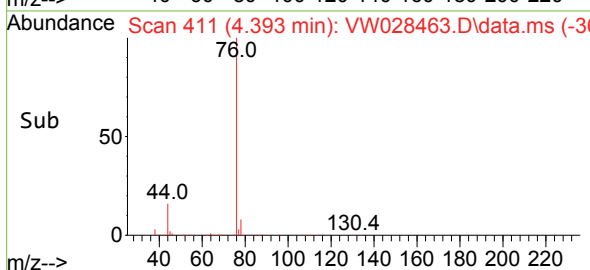
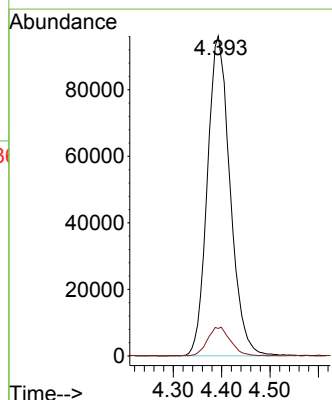
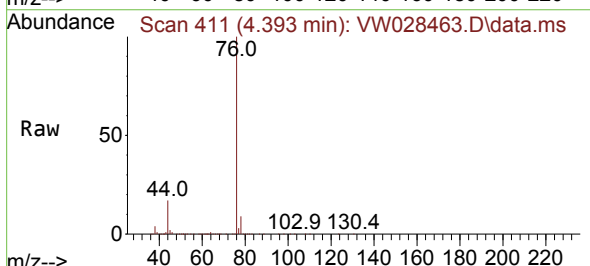
Acq: 17 Apr 2024 09:40

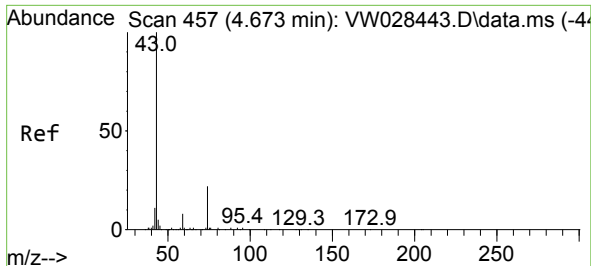
Tgt Ion: 76 Resp: 313385

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9

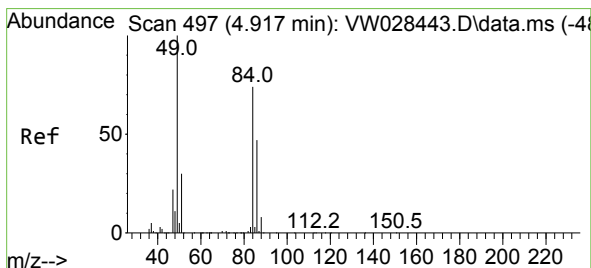
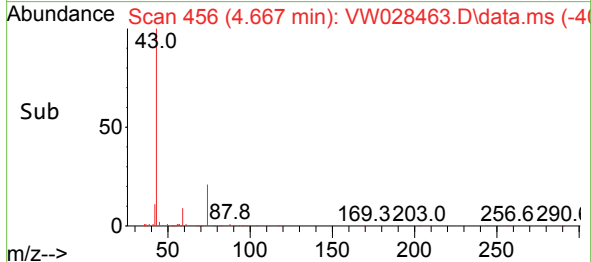
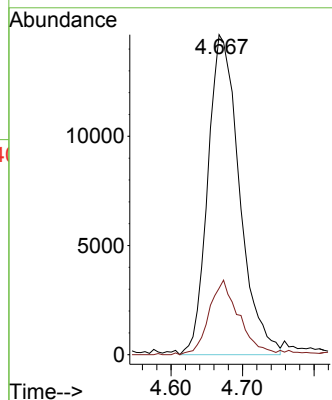
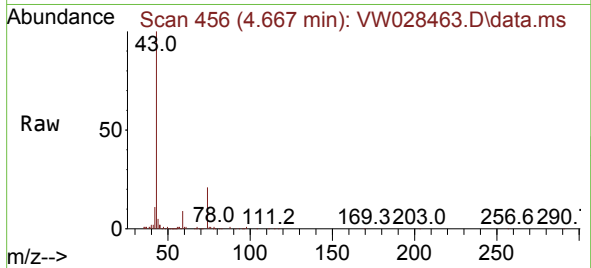




#15
Methyl Acetate
Concen: 24.050 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

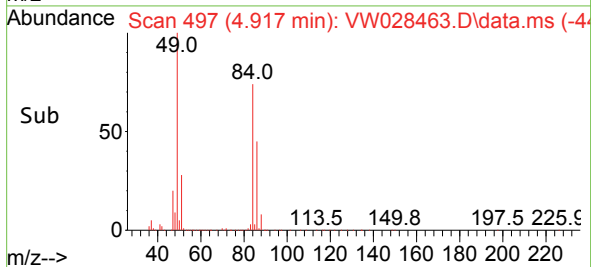
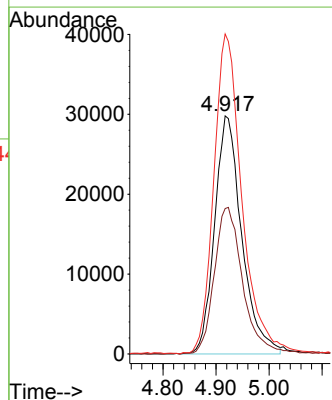
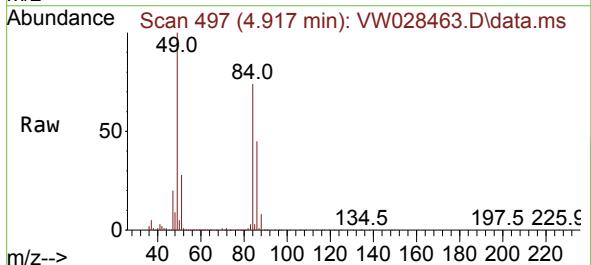
Instrument :
MSVOA_W
ClientSampleId :

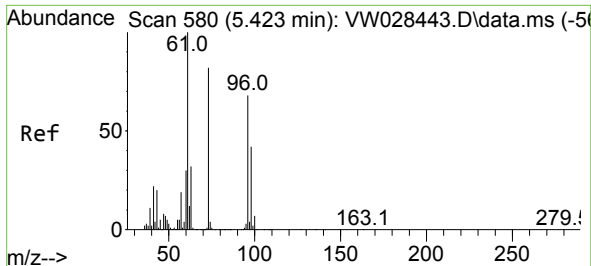
Tgt Ion: 43 Resp: 45008
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0



#16
Methylene chloride
Concen: 22.180 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

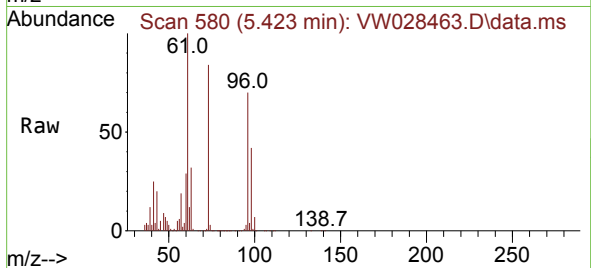
Tgt Ion: 84 Resp: 105975
Ion Ratio Lower Upper
84 100
86 61.0 44.2 82.0
49 134.4 95.0 176.4



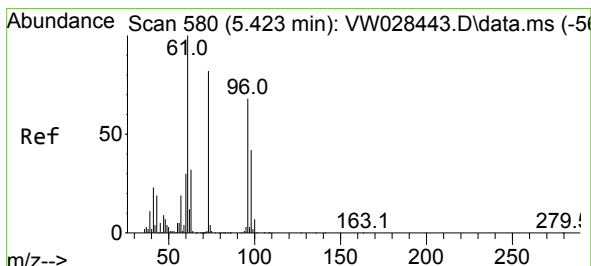
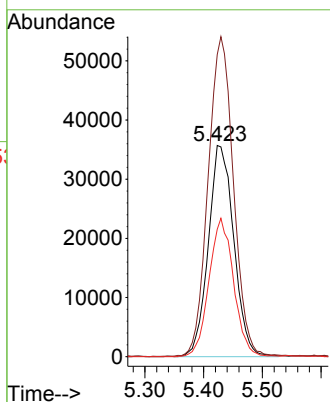
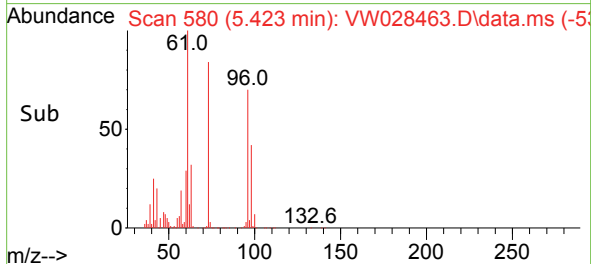


#17
trans-1,2-Dichloroethene
Concen: 24.443 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

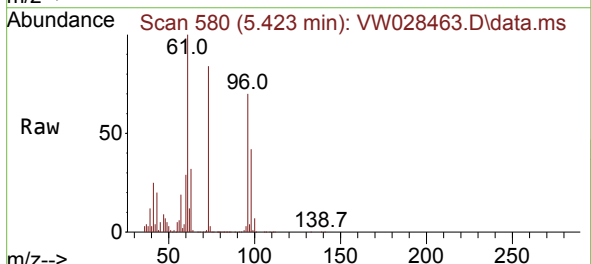
Instrument :
MSVOA_W
ClientSampleId :



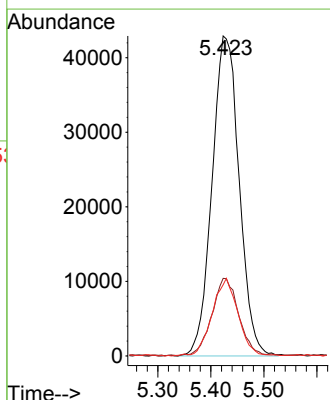
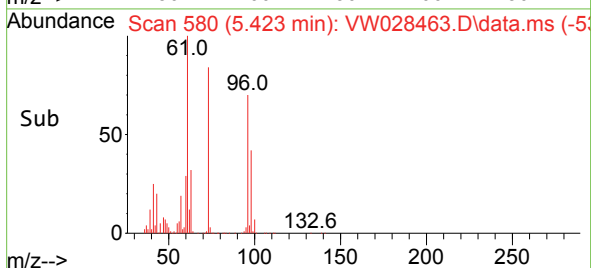
Tgt Ion: 96 Resp: 107744
Ion Ratio Lower Upper
96 100
61 143.0 108.4 201.4
98 60.3 45.6 84.8

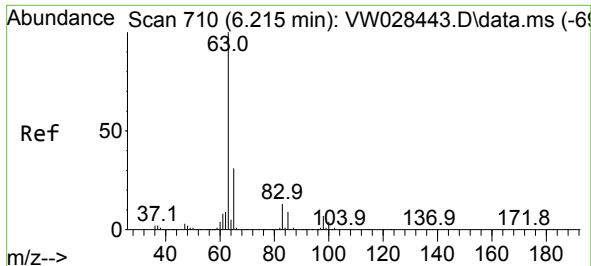


#18
Methyl tert-butyl Ether
Concen: 24.573 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40



Tgt Ion: 73 Resp: 152364
Ion Ratio Lower Upper
73 100
43 23.2 18.5 27.7
57 22.5 18.2 27.4





#19

1,1-Dichloroethane

Concen: 24.669 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

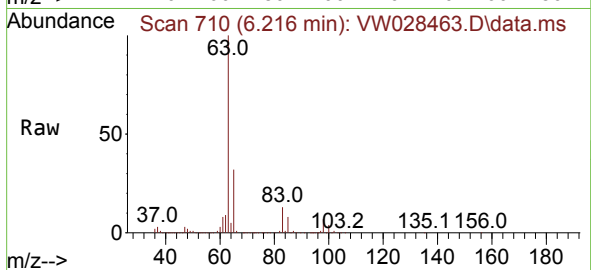
Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :



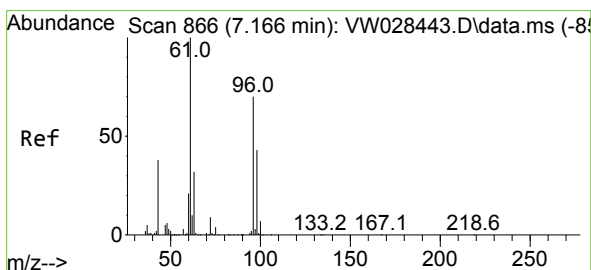
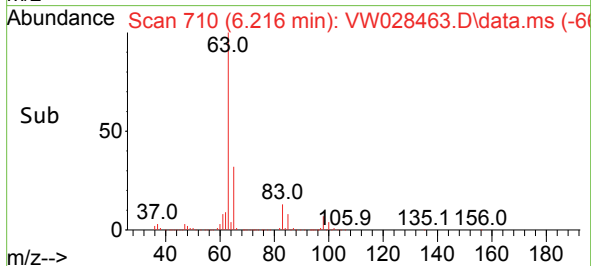
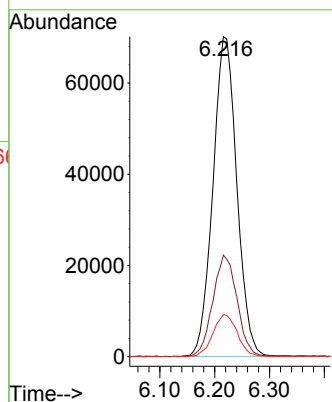
Tgt Ion: 63 Resp: 211860

Ion Ratio Lower Upper

63 100

65 31.7 21.8 40.4

83 13.1 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.800 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

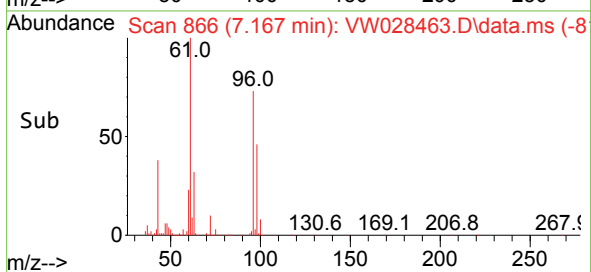
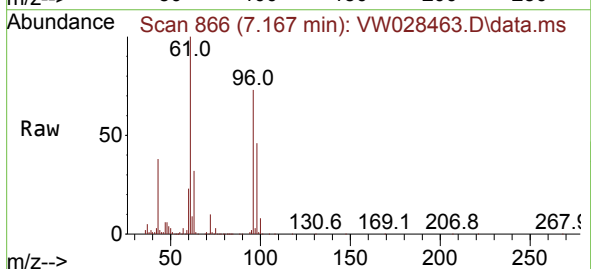
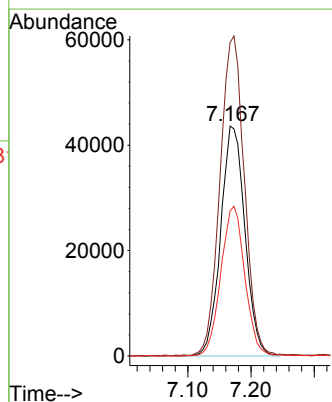
Tgt Ion: 96 Resp: 116022

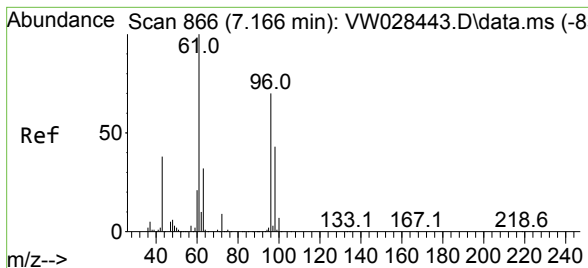
Ion Ratio Lower Upper

96 100

61 136.3 97.6 181.2

98 63.1 47.7 88.5





#22

2-Butanone

Concen: 46.723 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

Instrument :

MSVOA_W

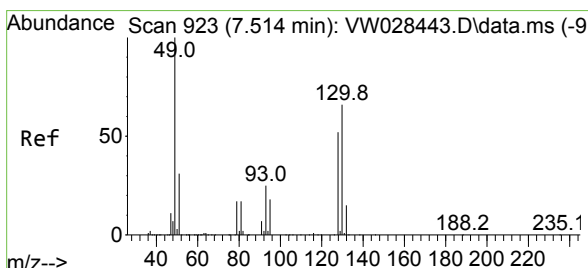
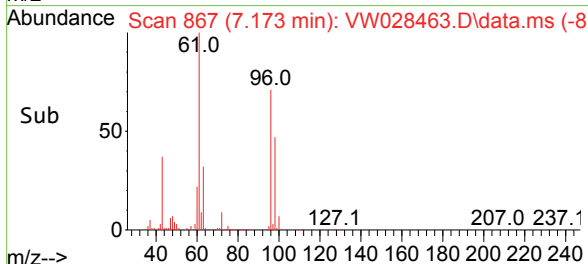
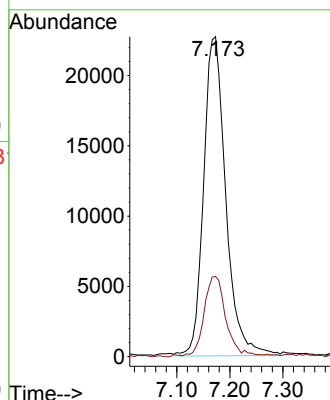
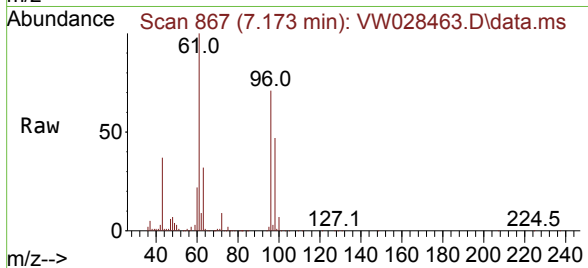
ClientSampleId :

Tgt Ion: 43 Resp: 65951

Ion Ratio Lower Upper

43 100

72 23.0 12.8 38.4



#23

Bromochloromethane

Concen: 23.688 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

Tgt Ion: 128 Resp: 47733

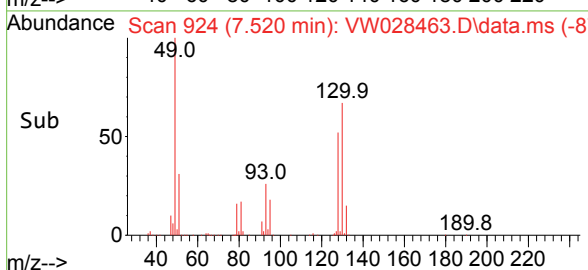
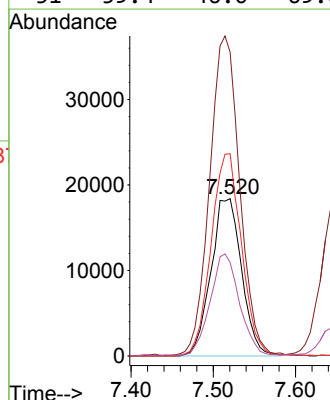
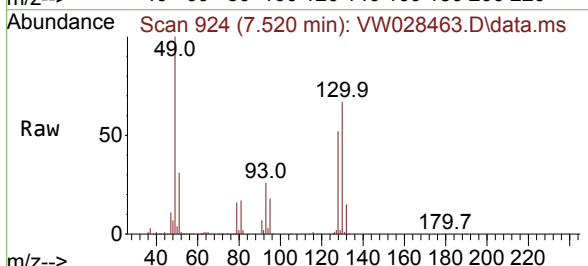
Ion Ratio Lower Upper

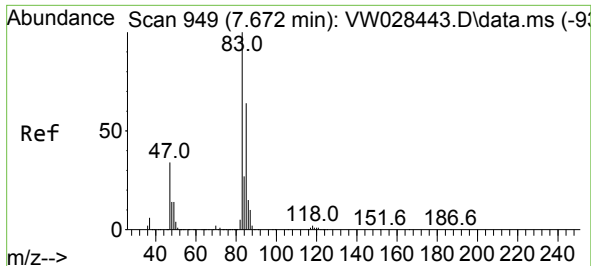
128 100

49 193.2 127.1 236.0

130 128.6 78.3 145.5

51 59.4 46.0 69.0

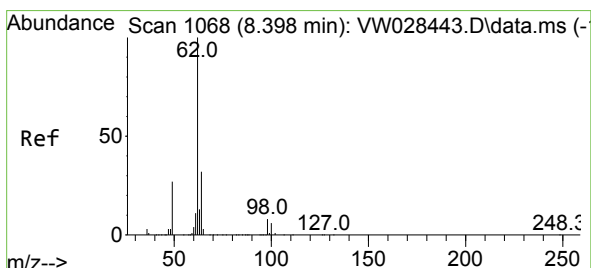
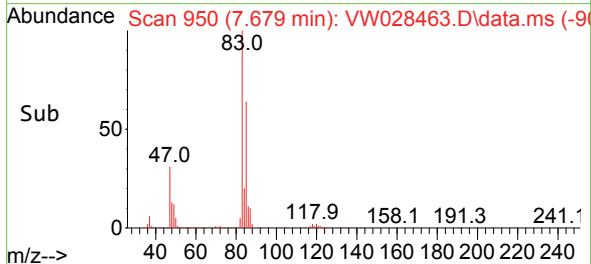
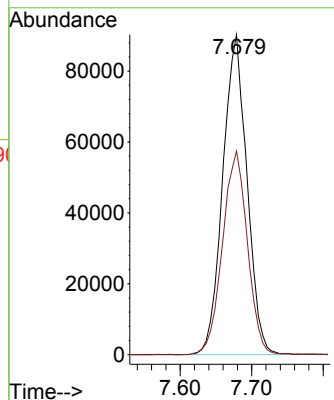
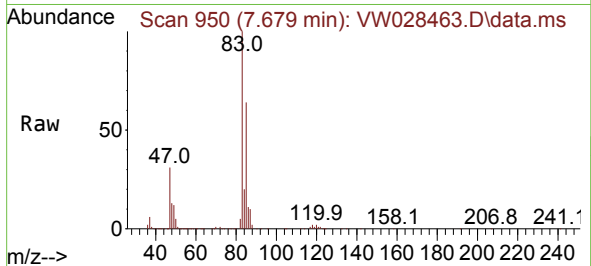




#25
Chloroform
Concen: 25.113 ug/L
RT: 7.679 min Scan# 910
Delta R.T. 0.006 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

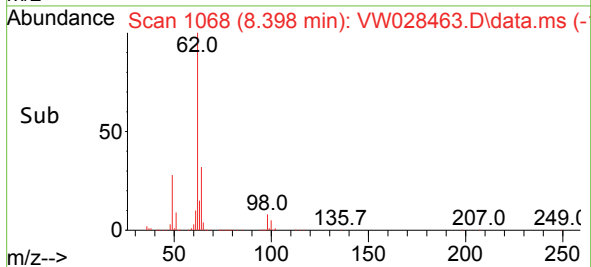
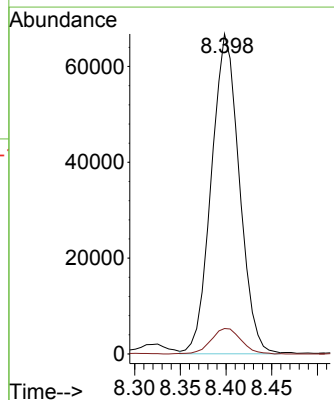
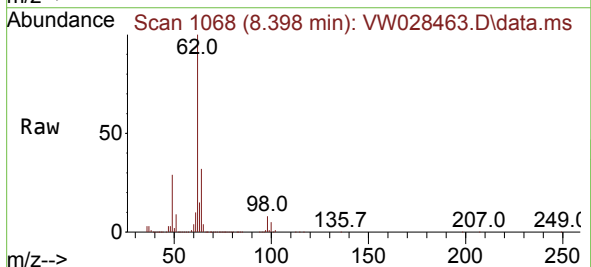
Instrument :
MSVOA_W
ClientSampleId :

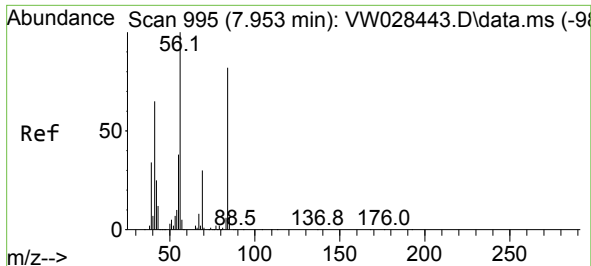
Tgt Ion: 83 Resp: 211860
Ion Ratio Lower Upper
83 100
85 63.7 47.7 88.7



#27
1,2-Dichloroethane
Concen: 24.403 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

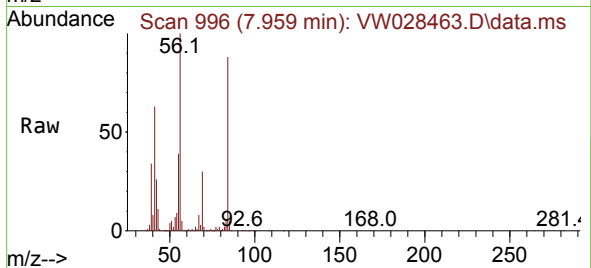
Tgt Ion: 62 Resp: 142095
Ion Ratio Lower Upper
62 100
98 7.9 6.6 10.0



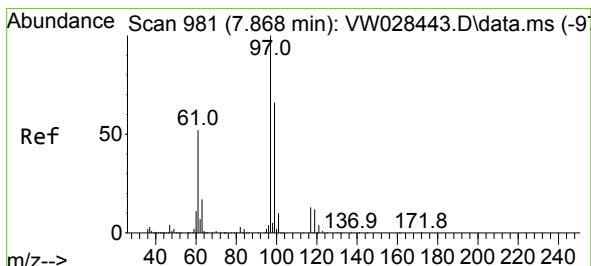
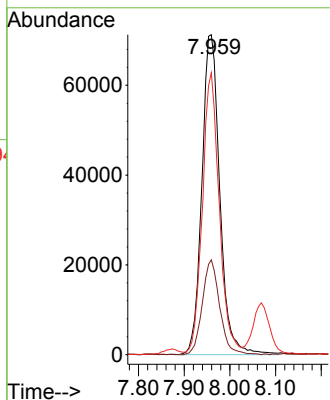
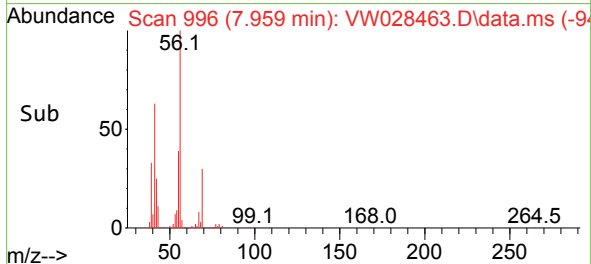


#29
Cyclohexane
Concen: 25.480 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

Instrument :
MSVOA_W
ClientSampleId :

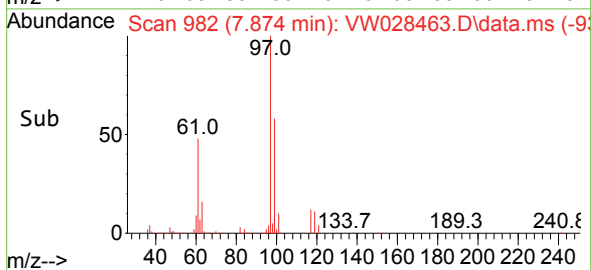
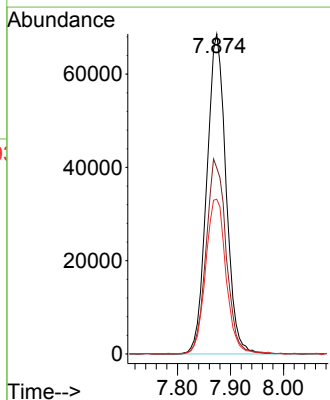
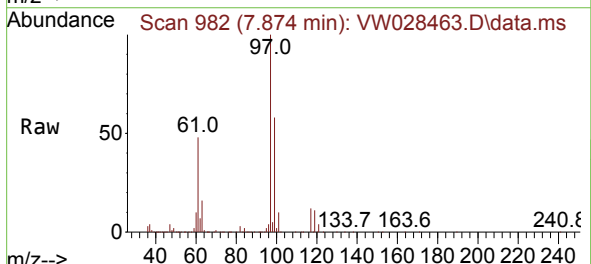


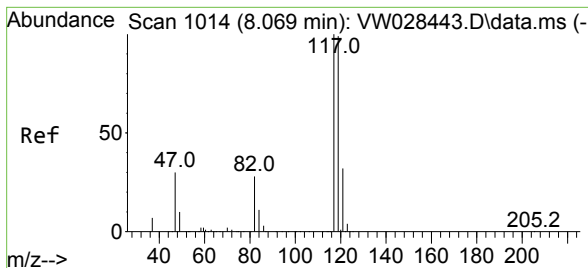
Tgt Ion: 56 Resp: 194400
Ion Ratio Lower Upper
56 100
69 28.8 23.8 35.6
84 82.3 65.9 98.9



#30
1,1,1-Trichloroethane
Concen: 24.706 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

Tgt Ion: 97 Resp: 173072
Ion Ratio Lower Upper
97 100
99 63.3 51.4 77.2
61 51.2 40.5 60.7

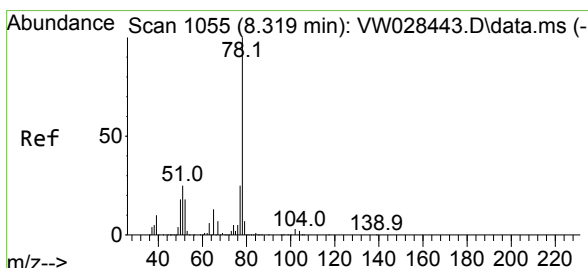
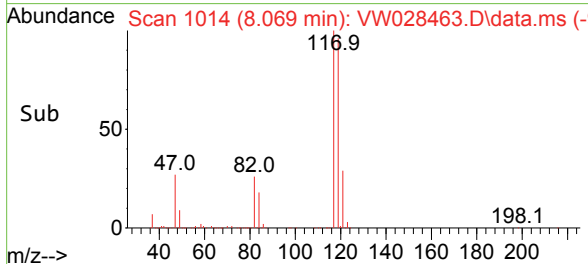
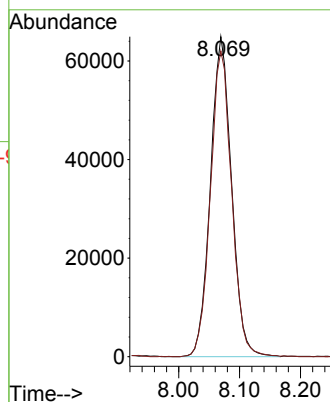
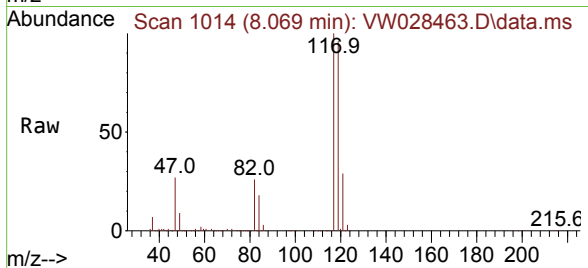




#31
Carbon tetrachloride
Concen: 25.200 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

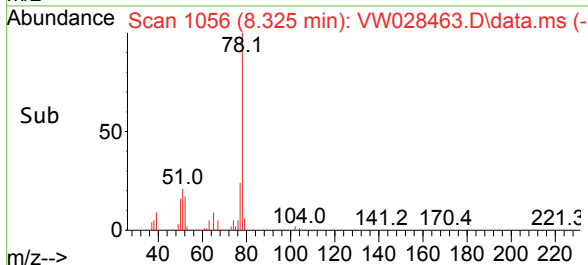
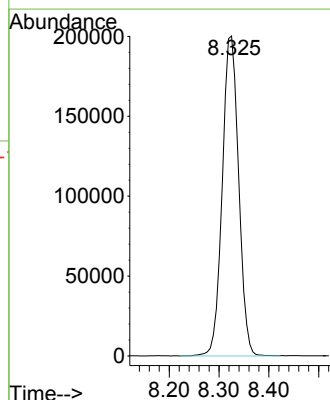
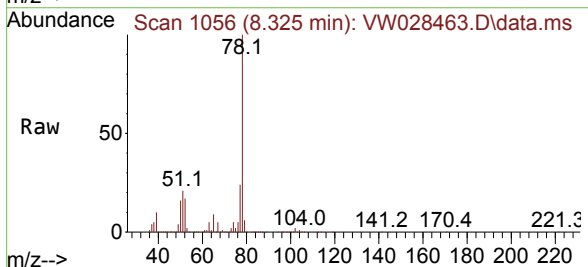
Instrument :
MSVOA_W
ClientSampleId :

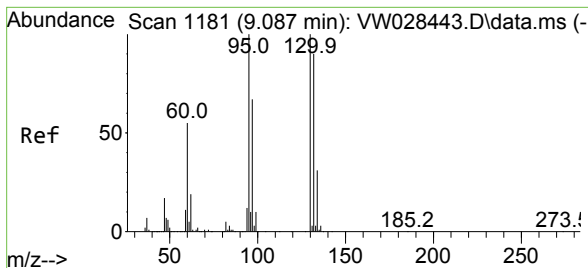
Tgt Ion:117 Resp: 156543
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.2



#33
Benzene
Concen: 25.295 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

Tgt Ion: 78 Resp: 456810





#34

Trichloroethene

Concen: 24.606 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

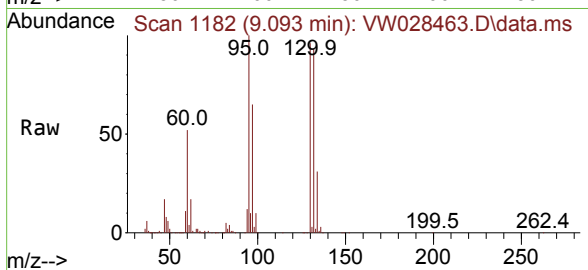
Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 120422

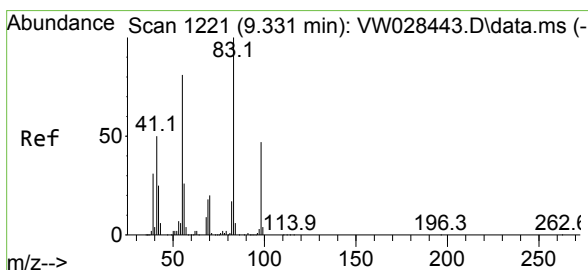
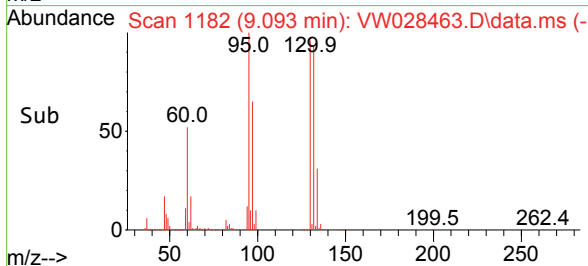
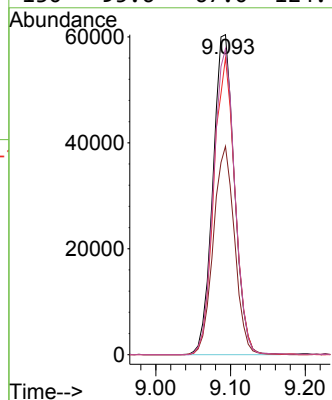
Ion Ratio Lower Upper

95 100

97 65.1 43.8 81.4

132 92.7 66.1 122.8

130 95.6 67.0 124.4



#35

Methylcyclohexane

Concen: 25.322 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

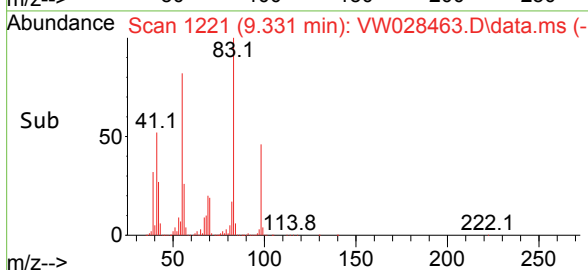
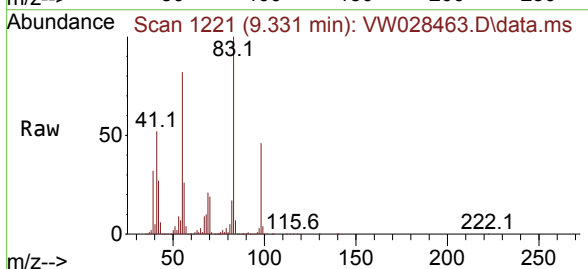
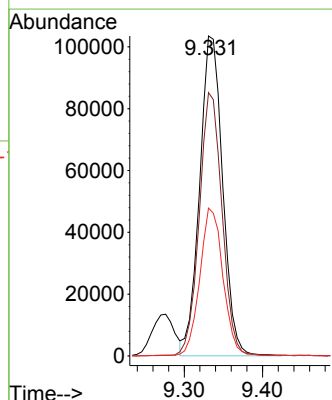
Tgt Ion: 83 Resp: 211480

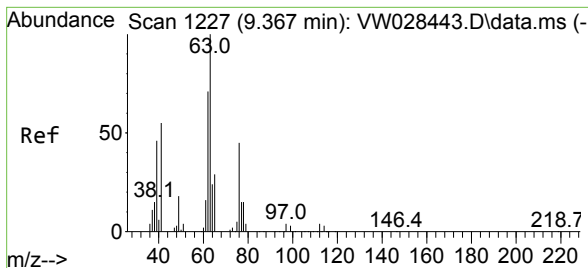
Ion Ratio Lower Upper

83 100

55 81.0 65.7 98.5

98 46.5 38.6 58.0

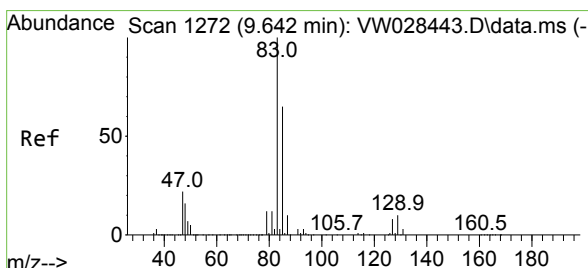
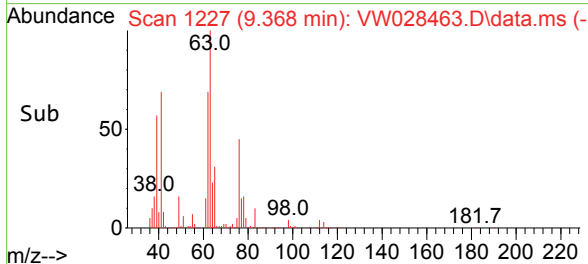
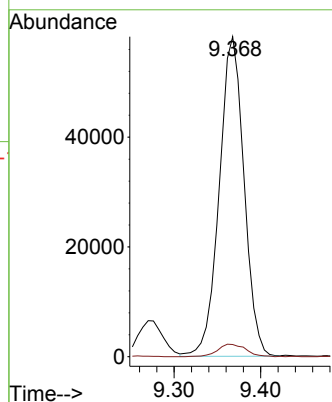
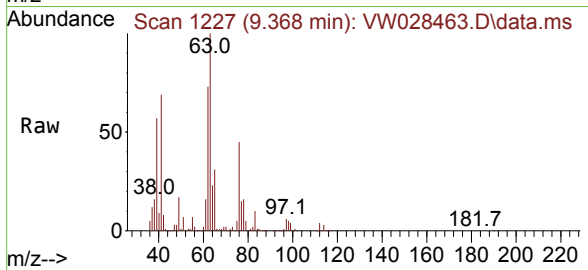




#37
1,2-Dichloropropane
Concen: 24.590 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

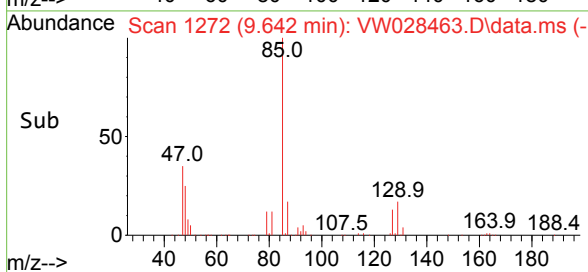
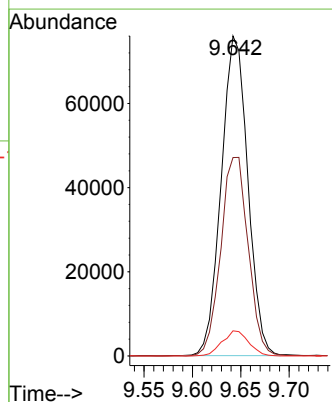
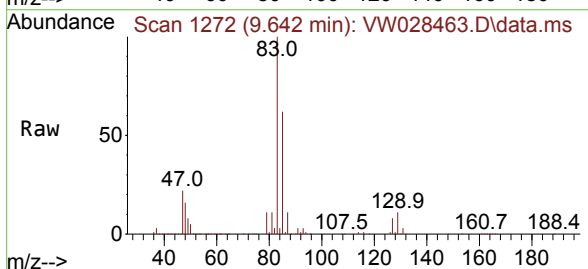
Instrument :
MSVOA_W
ClientSampleId :

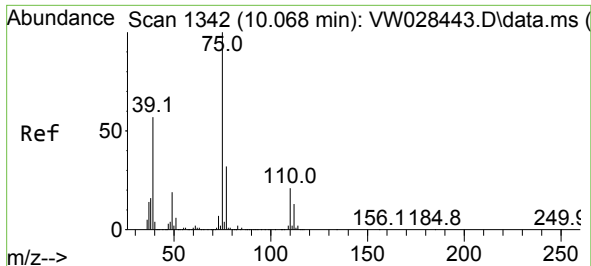
Tgt Ion: 63 Resp: 115743
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4



#38
Bromodichloromethane
Concen: 24.872 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

Tgt Ion: 83 Resp: 145106
Ion Ratio Lower Upper
83 100
85 62.0 43.1 80.1
127 7.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 25.141 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

Instrument :

MSVOA_W

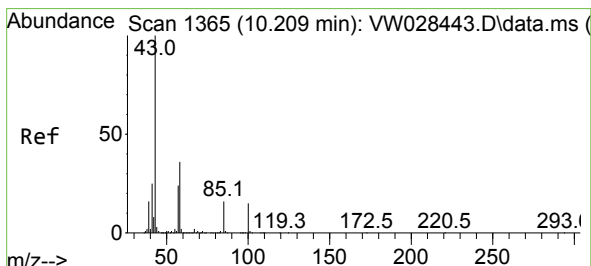
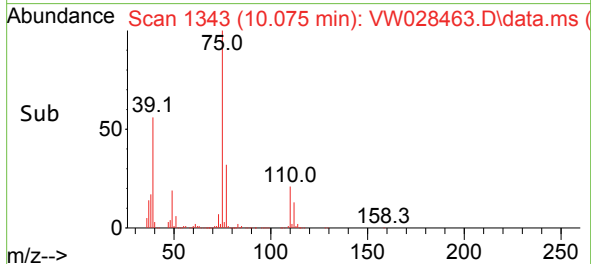
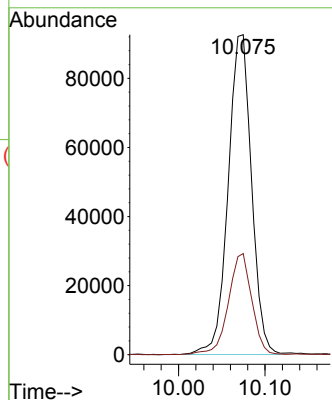
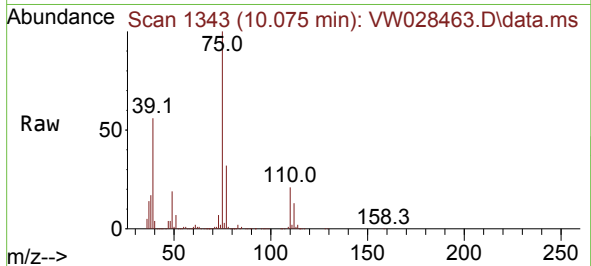
ClientSampleId :

Tgt Ion: 75 Resp: 173532

Ion Ratio Lower Upper

75 100

77 31.6 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 52.508 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

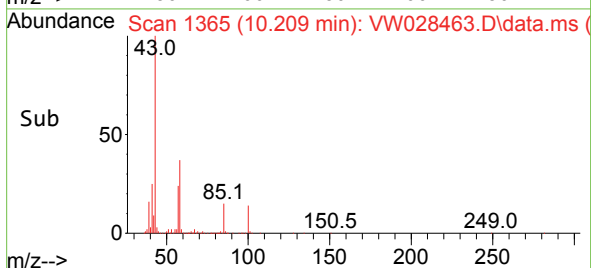
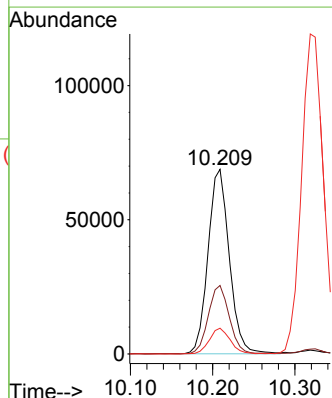
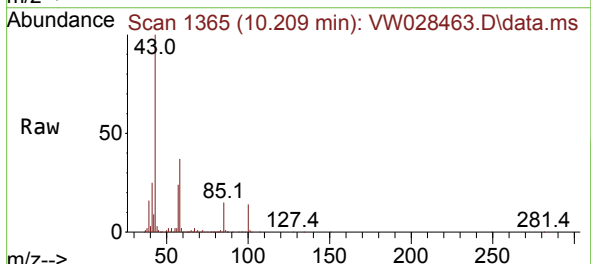
Tgt Ion: 43 Resp: 123721

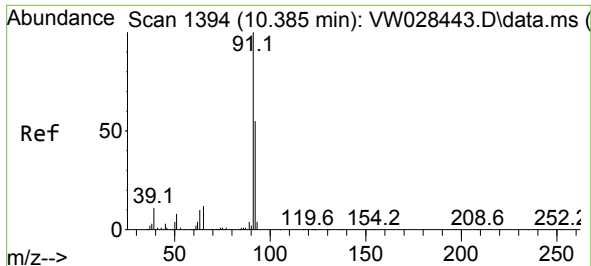
Ion Ratio Lower Upper

43 100

58 36.4 28.6 43.0

100 13.6 10.6 16.0





#42

Toluene

Concen: 24.995 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

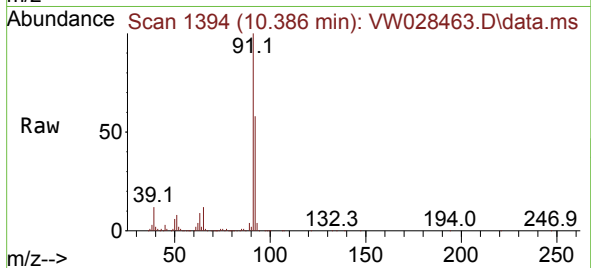
Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

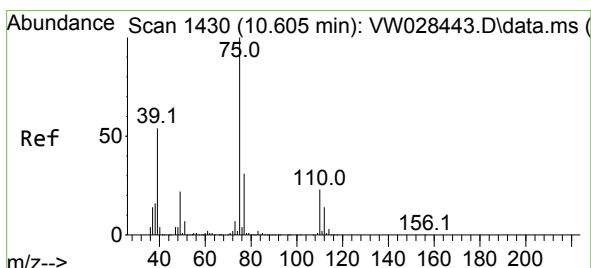
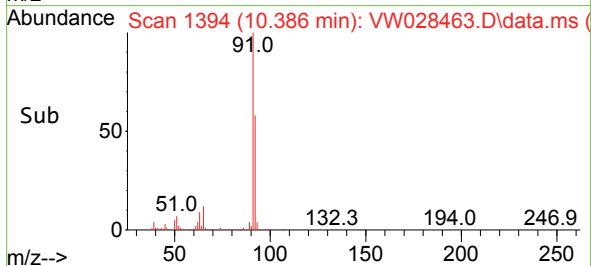
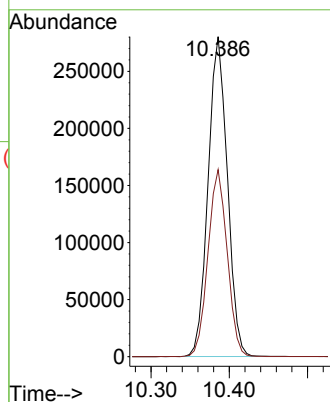


Tgt Ion: 91 Resp: 478202

Ion Ratio Lower Upper

91 100

92 58.4 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 25.105 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028463.D

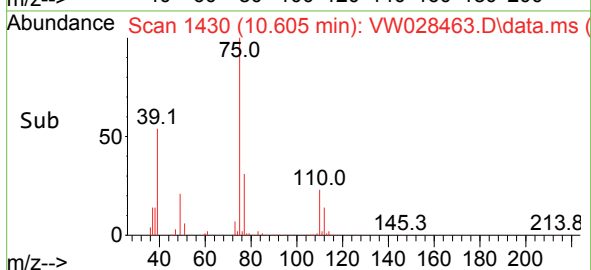
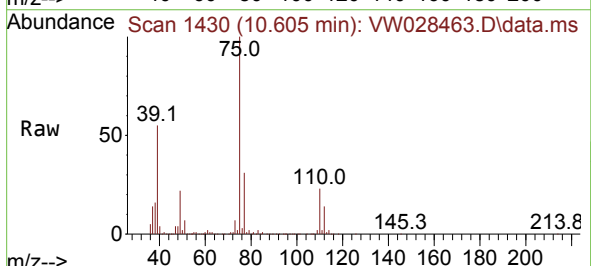
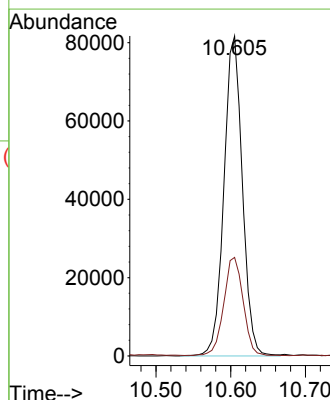
Acq: 17 Apr 2024 09:40

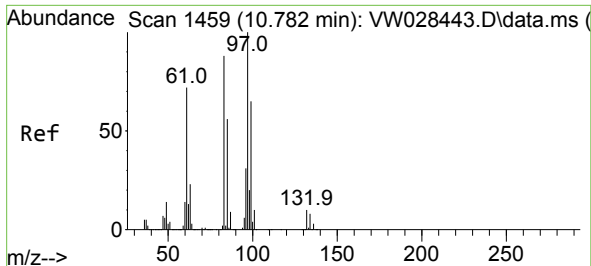
Tgt Ion: 75 Resp: 140182

Ion Ratio Lower Upper

75 100

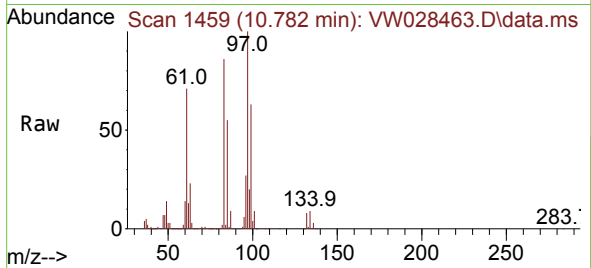
77 30.8 22.6 42.0



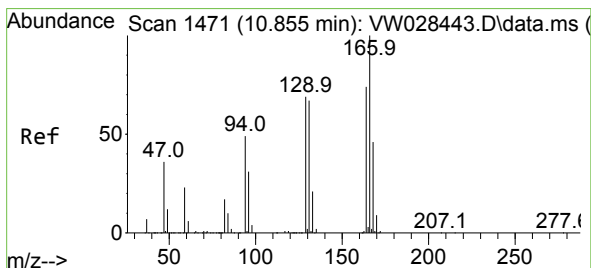
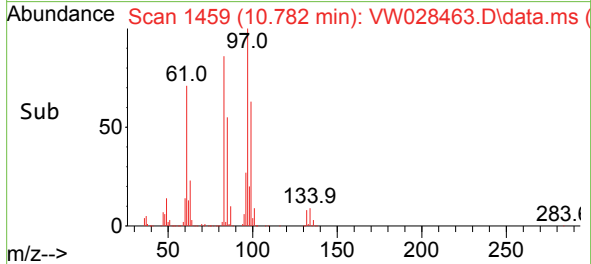
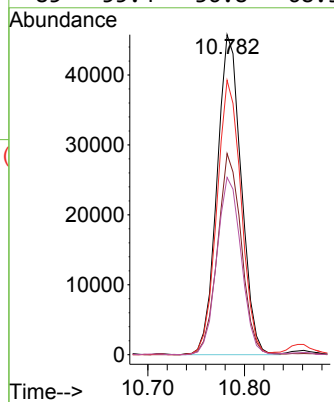


#45
1,1,2-Trichloroethane
Concen: 24.977 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

Instrument :
MSVOA_W
ClientSampleId :

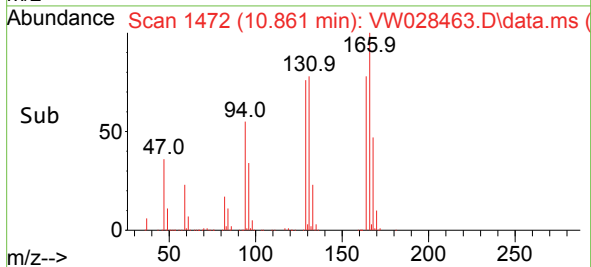
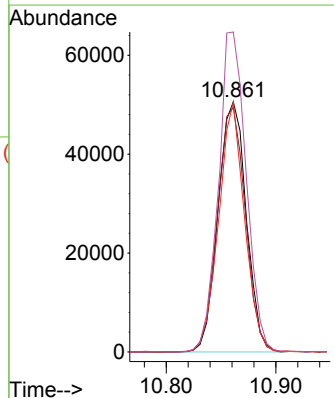
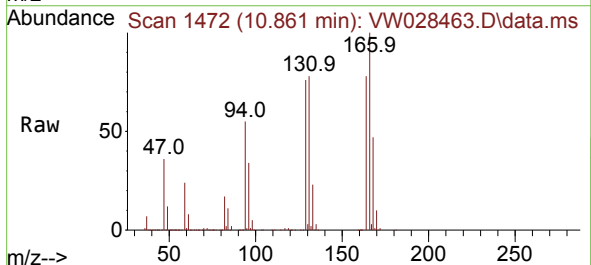


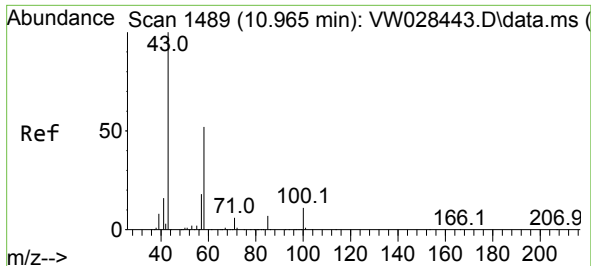
Tgt Ion: 97	Resp: 79536
Ion Ratio	Lower Upper
97 100	
99 62.9	44.2 82.2
83 85.8	56.4 104.7
85 55.4	36.8 68.3



#46
Tetrachloroethene
Concen: 24.642 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

Tgt	Ion:164	Resp:	90082
Ion	Ratio	Lower	Upper
164	100		
129	97.7	59.7	110.9
131	99.8	58.2	108.2
166	127.9	78.0	144.8

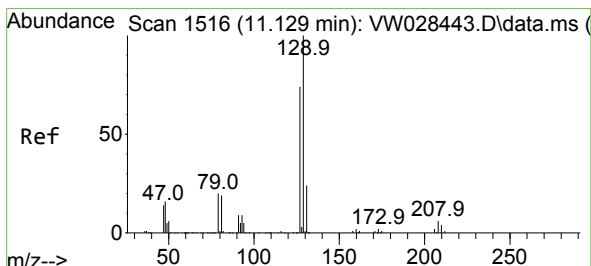
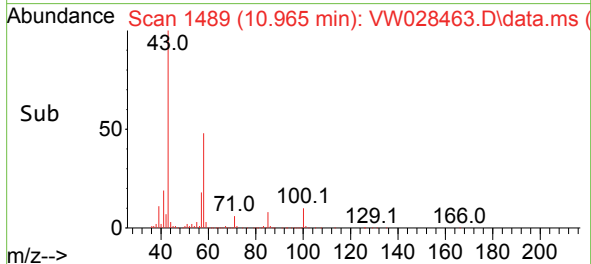
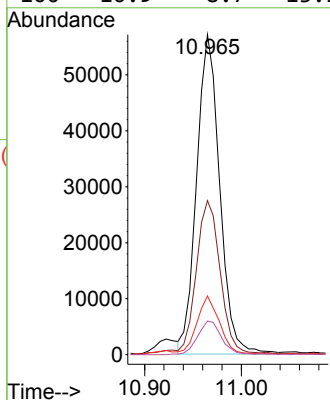
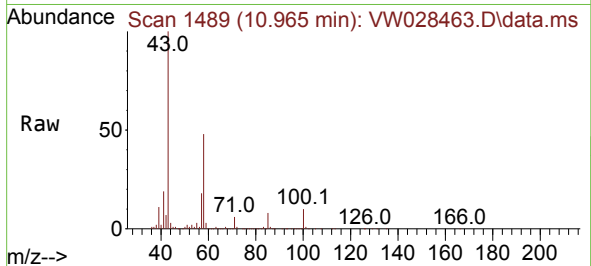




#48
2-Hexanone
Concen: 50.765 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

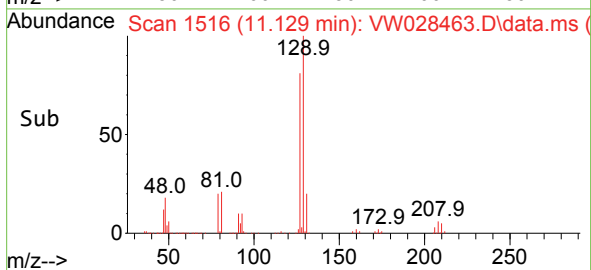
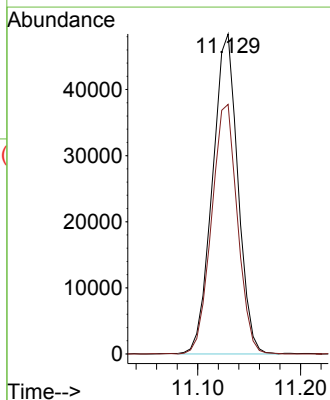
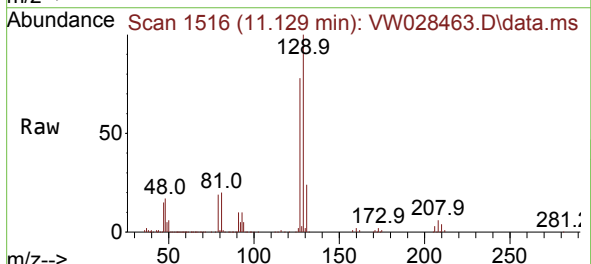
Instrument :
MSVOA_W
ClientSampleId :

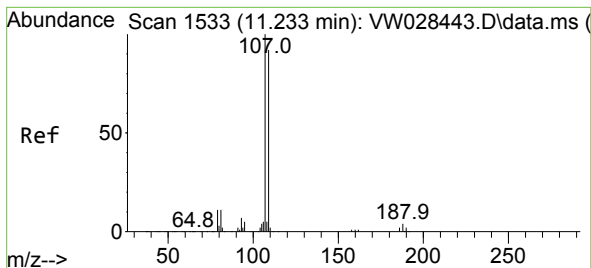
Tgt Ion:	43	Resp:	94947
Ion	Ratio	Lower	Upper
43	100		
58	49.8	38.9	58.3
57	17.3	14.4	21.6
100	10.9	8.7	13.1



#49
Dibromochloromethane
Concen: 24.393 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

Tgt Ion:	129	Resp:	83025
Ion	Ratio	Lower	Upper
129	100		
127	78.0	53.0	98.4





#50

1,2-Dibromoethane

Concen: 24.989 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028463.D

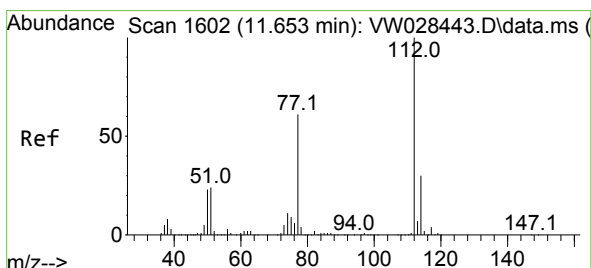
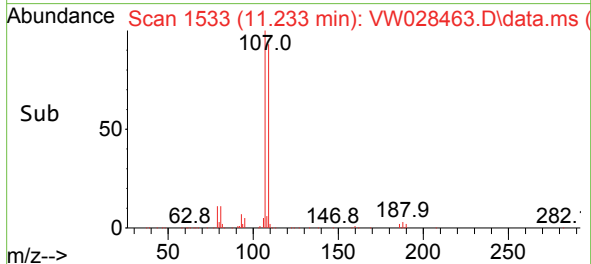
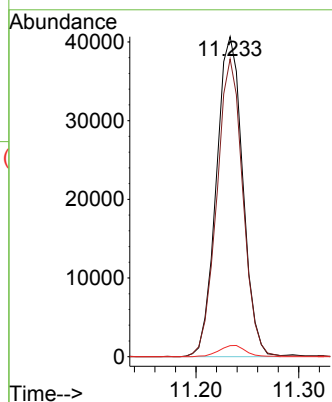
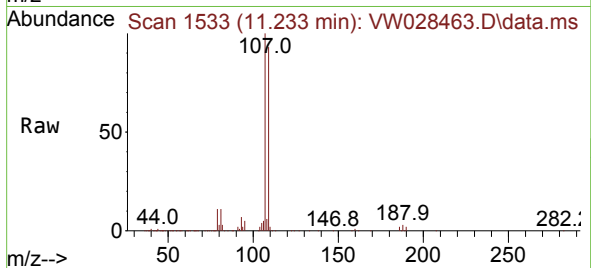
Acq: 17 Apr 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	72629
Ion	Ratio	Lower	Upper
107	100		
109	93.1	62.1	115.3
188	3.4	3.2	4.8



#51

Chlorobenzene

Concen: 24.328 ug/L

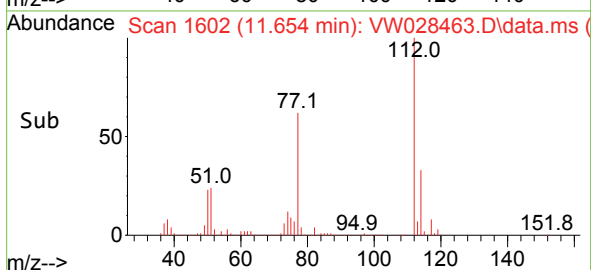
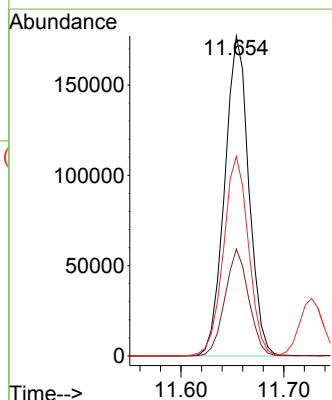
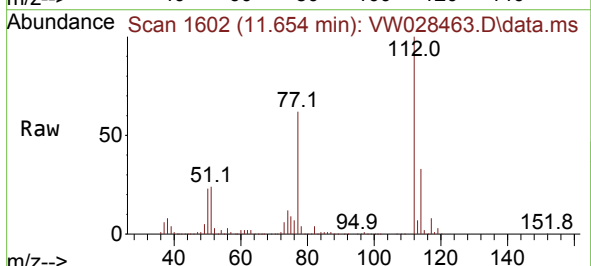
RT: 11.654 min Scan# 1602

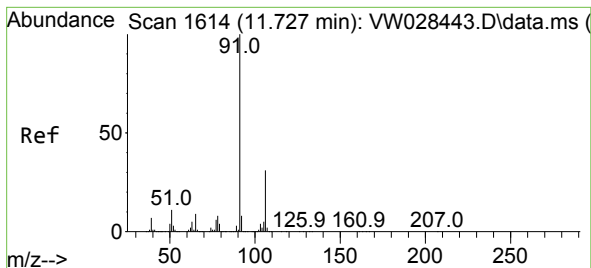
Delta R.T. 0.000 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

Tgt Ion:	112	Resp:	289308
Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.3	41.3
77	62.4	51.8	77.8

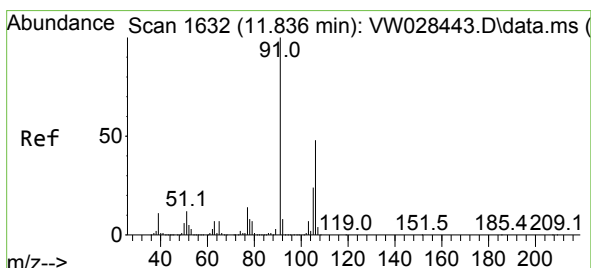
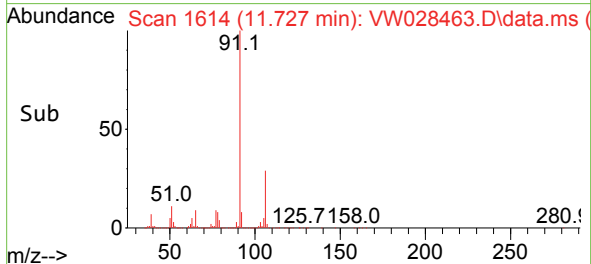
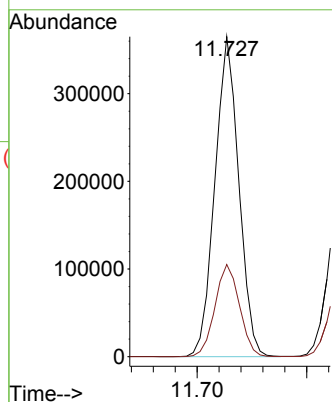
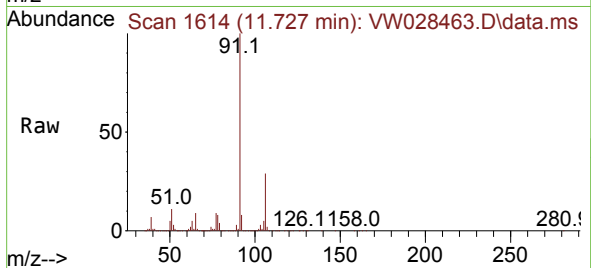




#52
Ethylbenzene
Concen: 25.491 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

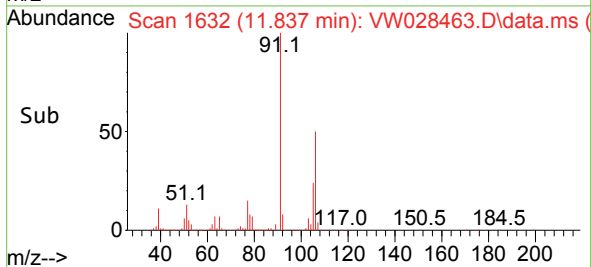
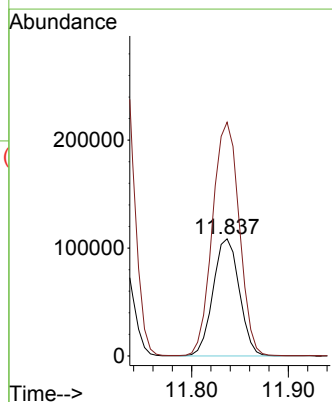
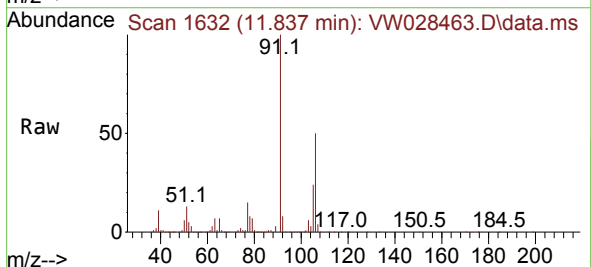
Instrument :
MSVOA_W
ClientSampleId :

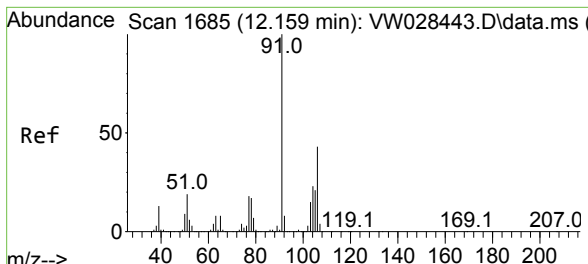
Tgt Ion: 91 Resp: 552838
Ion Ratio Lower Upper
91 100
106 28.8 21.2 39.4



#53
m,p-Xylene
Concen: 25.358 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

Tgt Ion:106 Resp: 204514
Ion Ratio Lower Upper
106 100
91 199.5 152.4 283.0

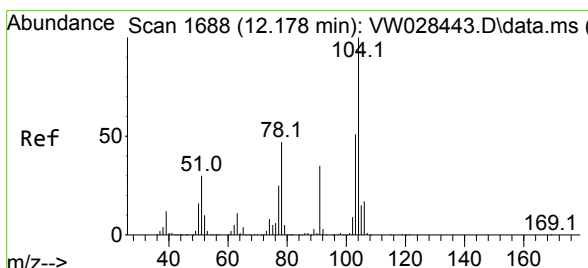
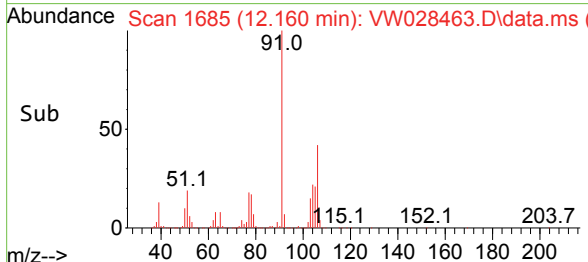
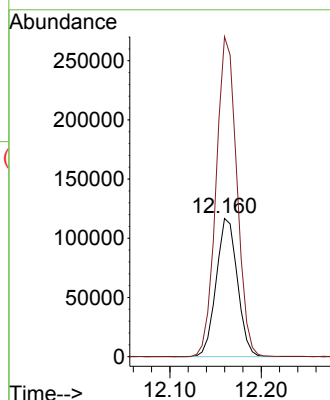
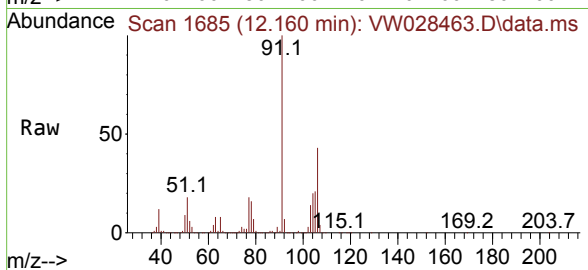




#54
o-Xylene
Concen: 25.094 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

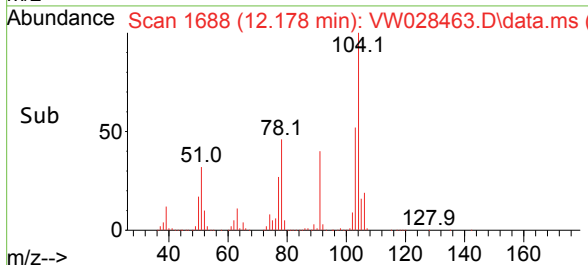
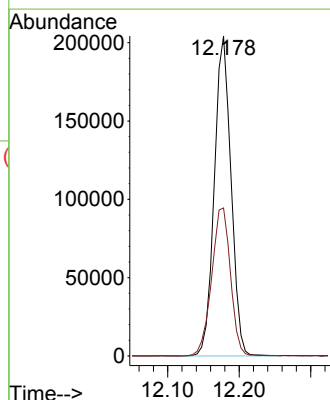
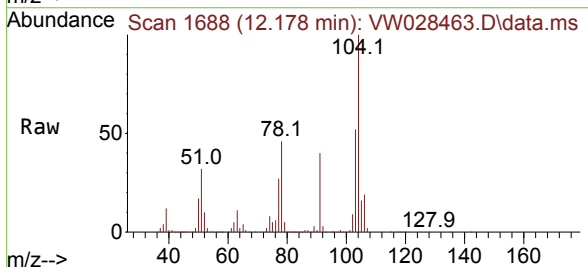
Instrument :
MSVOA_W
ClientSampleId :

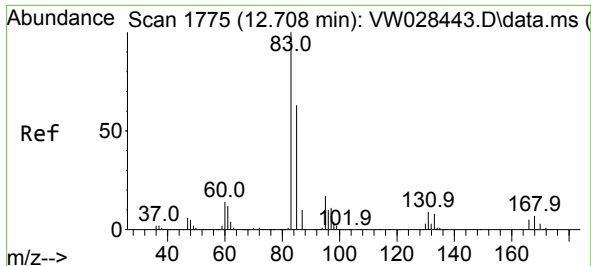
Tgt Ion:106 Resp: 188445
Ion Ratio Lower Upper
106 100
91 231.3 152.9 283.9



#55
Styrene
Concen: 25.952 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

Tgt Ion:104 Resp: 331684
Ion Ratio Lower Upper
104 100
78 46.3 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 25.465 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

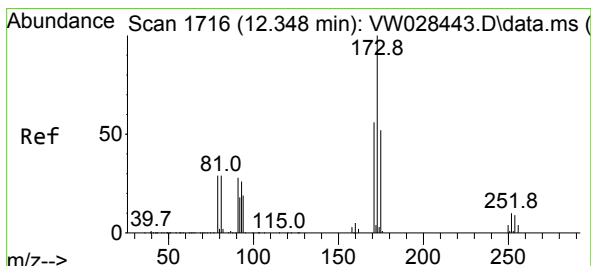
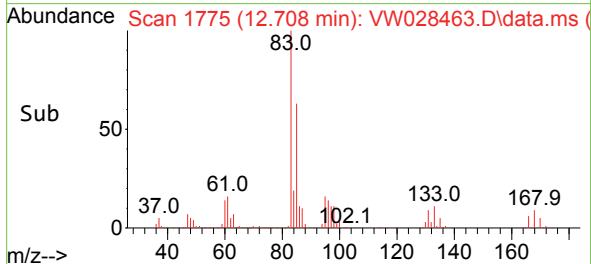
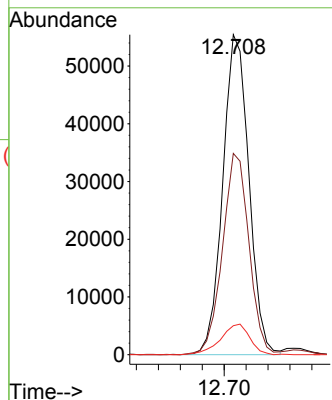
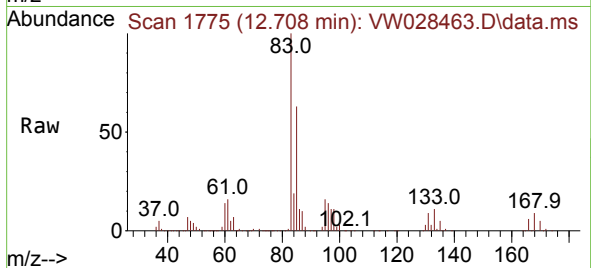
Tgt Ion: 83 Resp: 91770

Ion Ratio Lower Upper

83 100

85 62.9 43.4 80.6

131 9.0 8.0 12.0



#59

Bromoform

Concen: 25.798 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

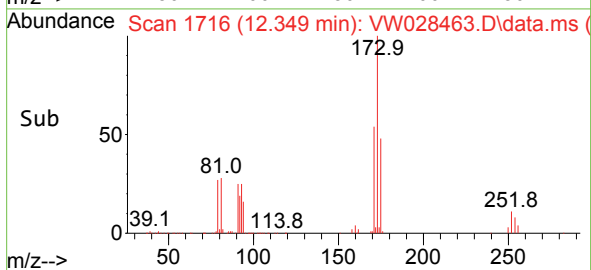
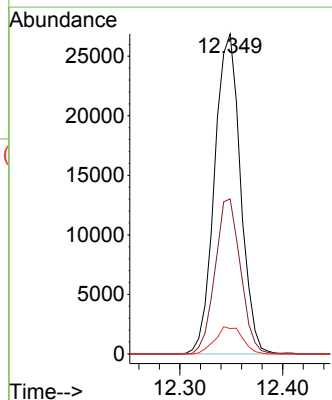
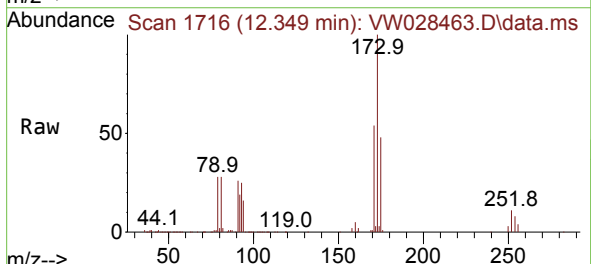
Tgt Ion: 173 Resp: 47120

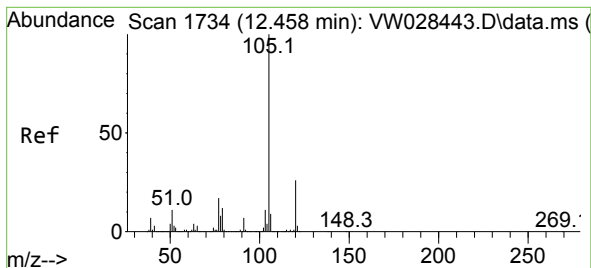
Ion Ratio Lower Upper

173 100

175 47.5 39.2 58.8

254 9.0 8.3 12.5





#60

Isopropylbenzene

Concen: 25.806 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

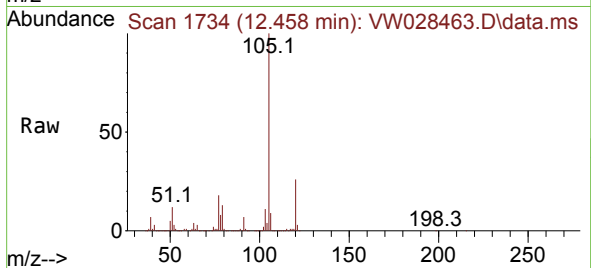
Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :



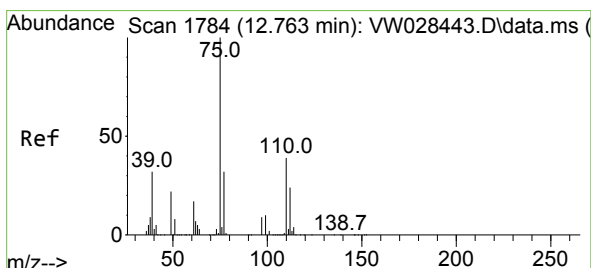
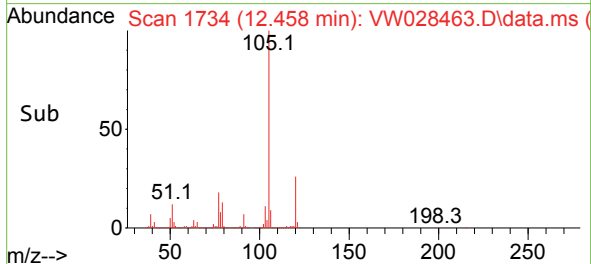
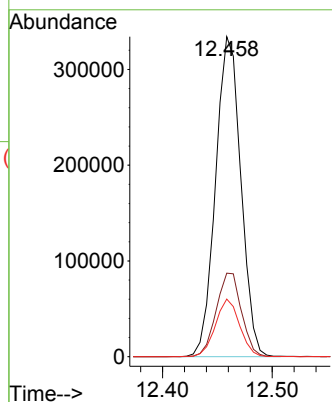
Tgt Ion:105 Resp: 535322

Ion Ratio Lower Upper

105 100

120 26.1 20.8 31.2

77 17.2 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 25.796 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

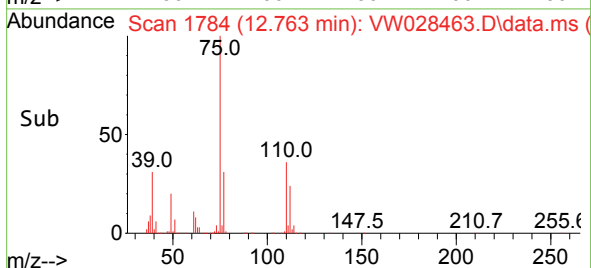
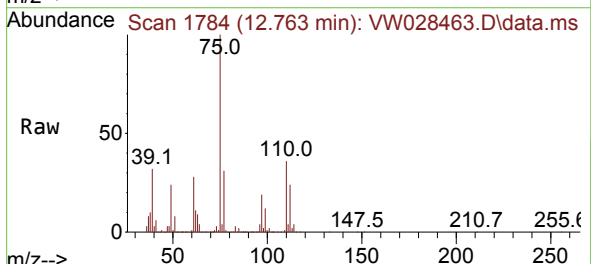
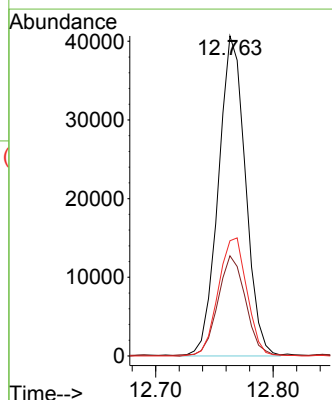
Tgt Ion: 75 Resp: 65258

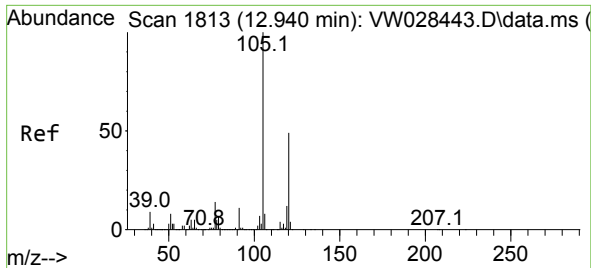
Ion Ratio Lower Upper

75 100

77 31.2 26.1 39.1

110 39.0 30.6 46.0

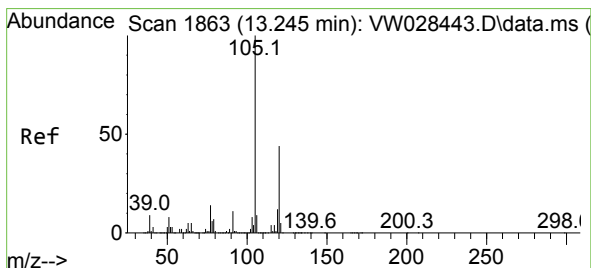
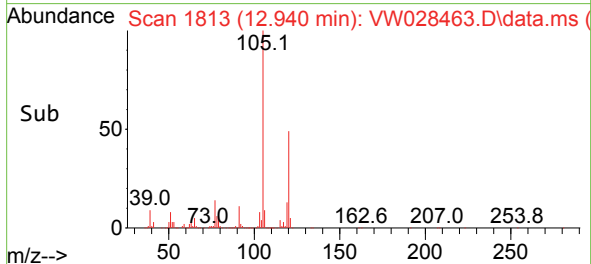
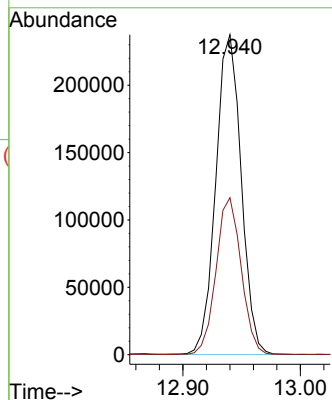
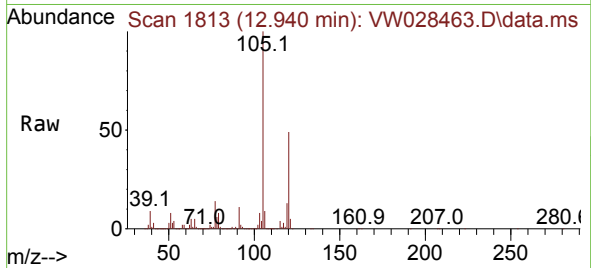




#62
 1,3,5-Trimethylbenzene
 Concen: 27.000 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW028463.D
 Acq: 17 Apr 2024 09:40

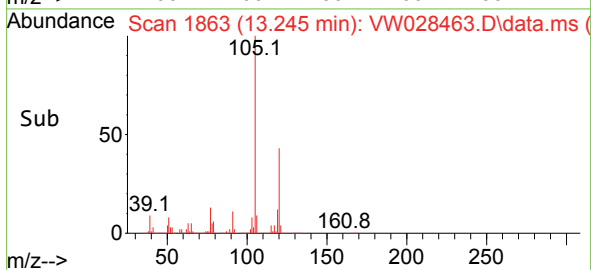
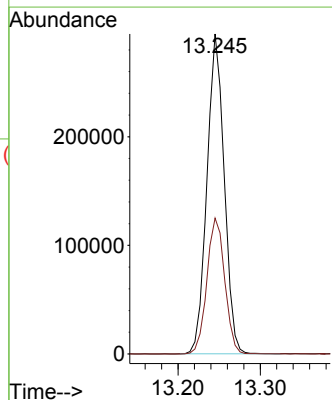
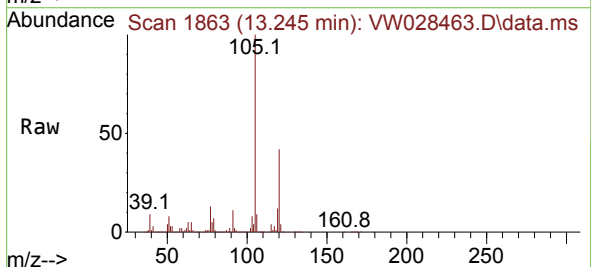
Instrument :
 MSVOA_W
 ClientSampleId :

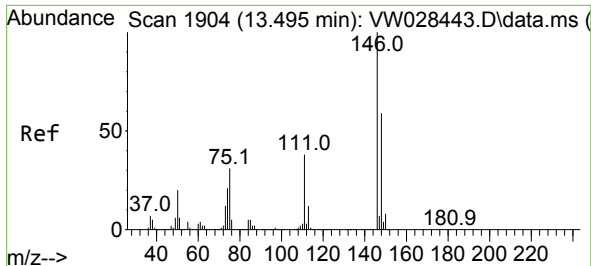
Tgt Ion:105 Resp: 356981
 Ion Ratio Lower Upper
 105 100
 120 48.5 37.5 56.3



#63
 1,2,4-Trimethylbenzene
 Concen: 27.001 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW028463.D
 Acq: 17 Apr 2024 09:40

Tgt Ion:105 Resp: 429630
 Ion Ratio Lower Upper
 105 100
 120 43.7 35.4 53.0

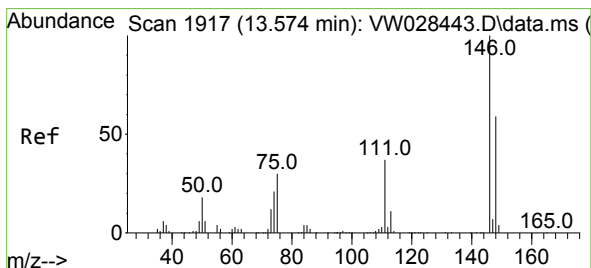
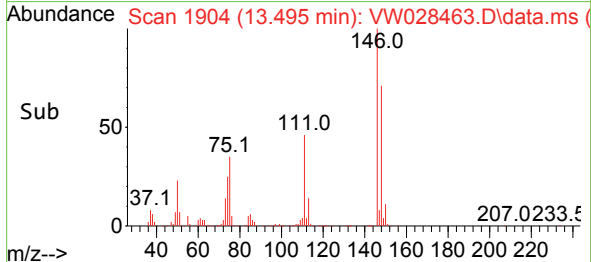
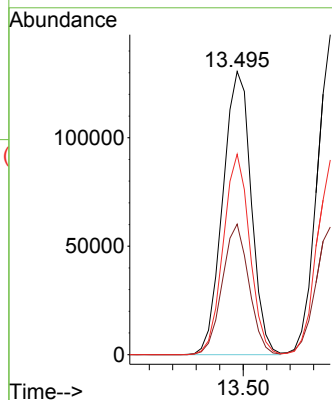
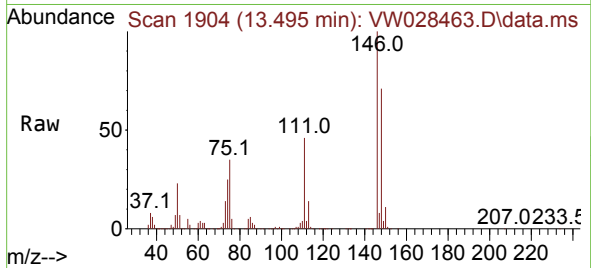




#64
1,3-Dichlorobenzene
Concen: 24.930 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

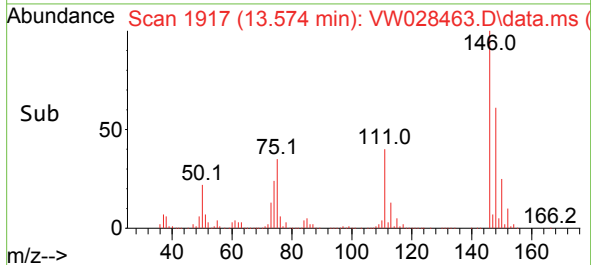
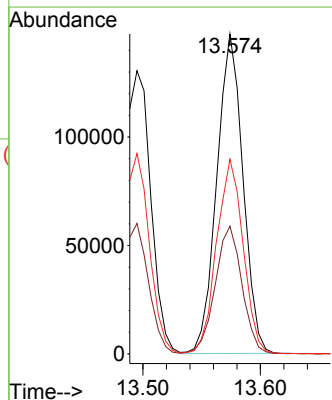
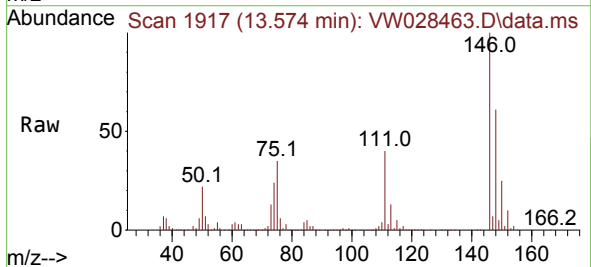
Instrument :
MSVOA_W
ClientSampleId :

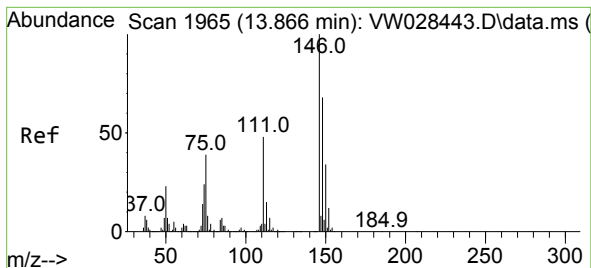
Tgt Ion:146 Resp: 219431
Ion Ratio Lower Upper
146 100
111 46.1 29.8 55.3
148 70.8 47.3 87.8



#65
1,4-Dichlorobenzene
Concen: 25.475 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028463.D
Acq: 17 Apr 2024 09:40

Tgt Ion:146 Resp: 228098
Ion Ratio Lower Upper
146 100
111 39.9 30.3 56.3
148 60.8 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 26.374 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

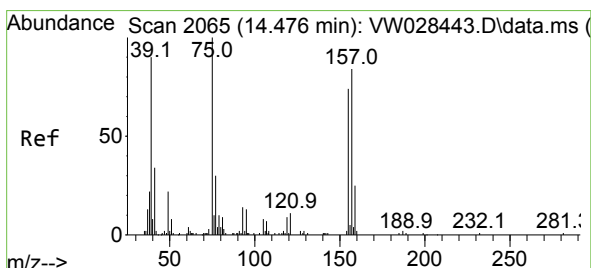
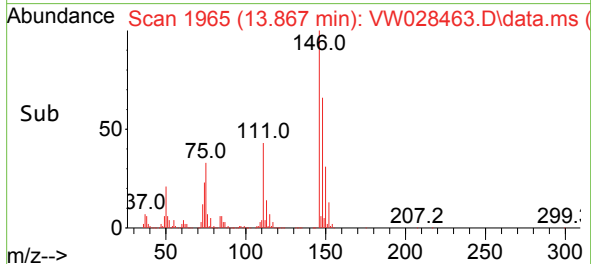
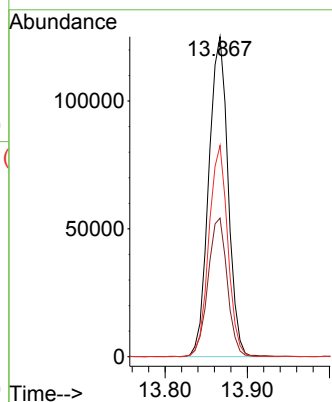
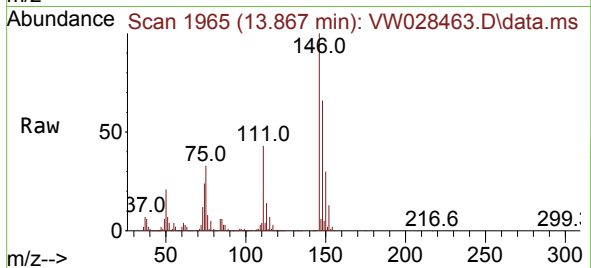
Tgt Ion:146 Resp: 204195

Ion Ratio Lower Upper

146 100

111 43.3 31.4 47.2

148 66.0 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 24.335 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

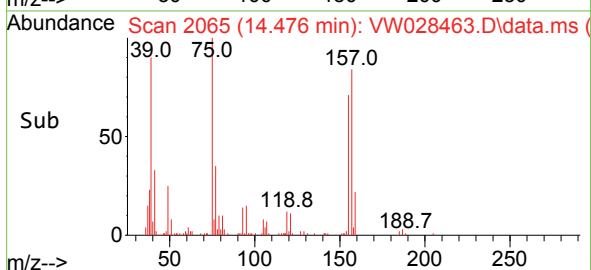
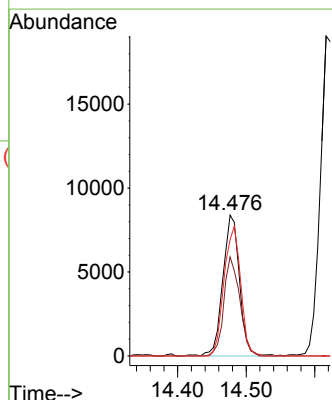
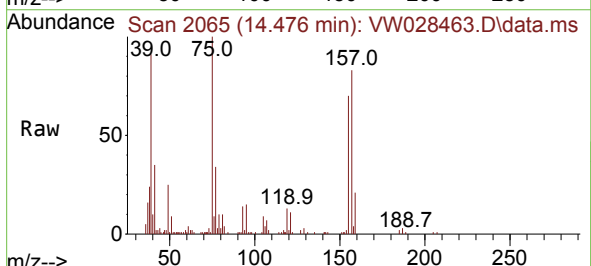
Tgt Ion: 75 Resp: 14107

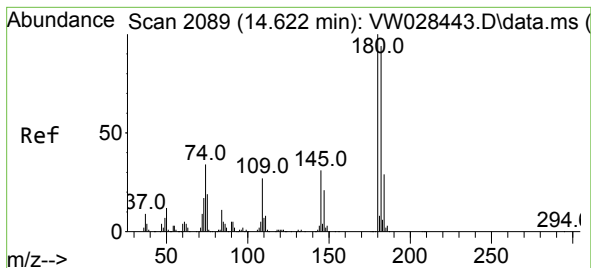
Ion Ratio Lower Upper

75 100

155 70.3 61.2 91.8

157 82.6 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 24.637 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

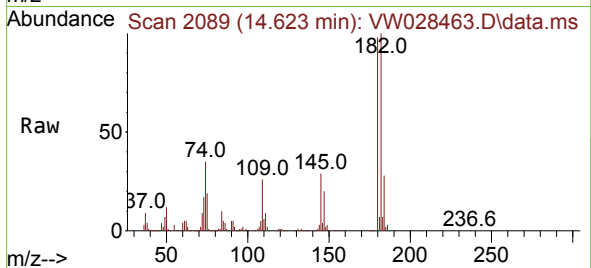
Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 149220

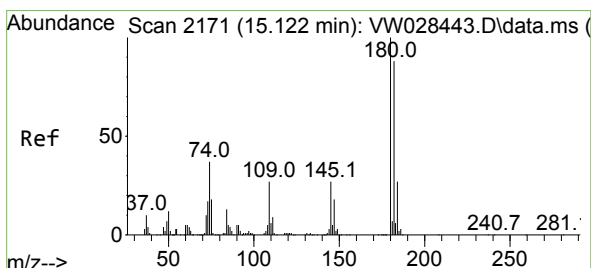
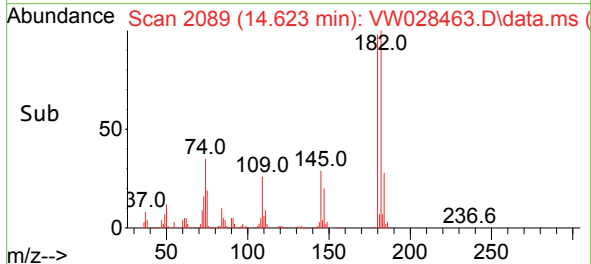
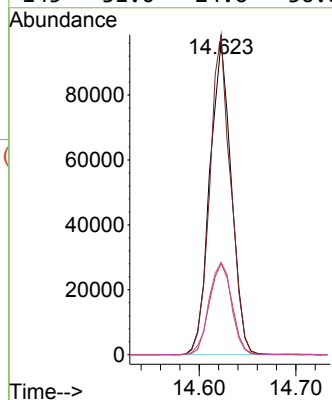
Ion Ratio Lower Upper

180 100

182 98.7 77.4 116.0

184 30.5 24.8 37.2

145 31.0 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 26.415 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

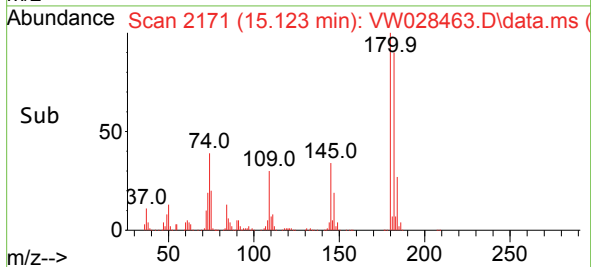
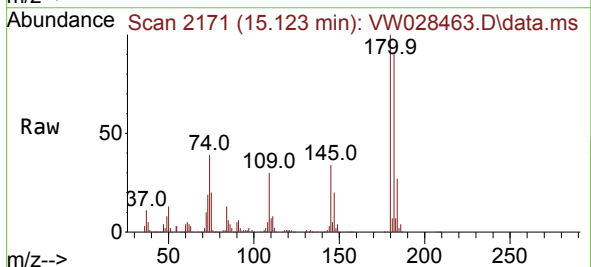
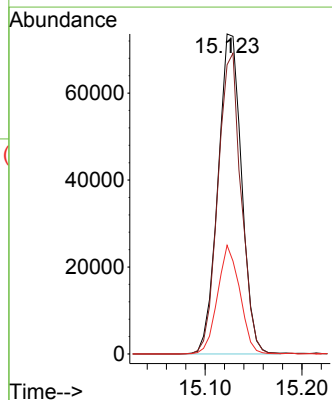
Tgt Ion:180 Resp: 124939

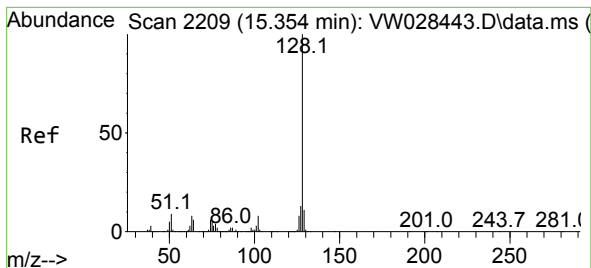
Ion Ratio Lower Upper

180 100

182 92.3 71.5 107.3

145 32.0 23.5 35.3





#71

Naphthalene

Concen: 26.661 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

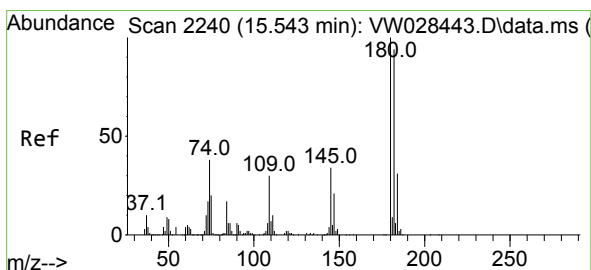
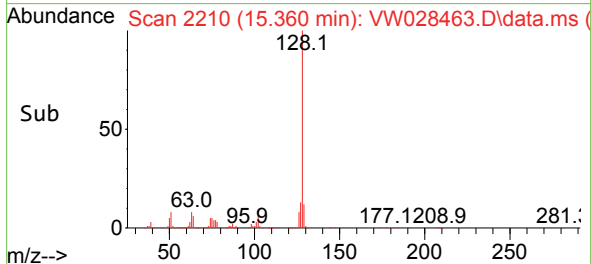
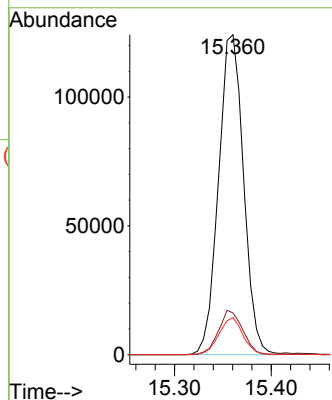
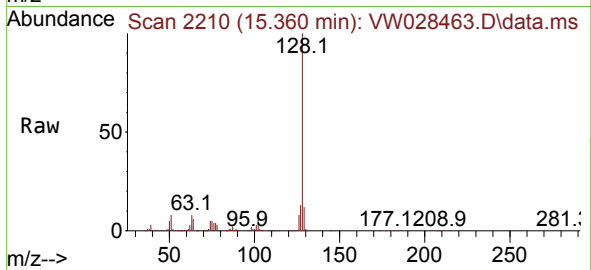
Tgt Ion:128 Resp: 223175

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.977 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VW028463.D

Acq: 17 Apr 2024 09:40

Tgt Ion:180 Resp: 109028

Ion Ratio Lower Upper

180 100

182 91.7 75.7 113.5

145 33.1 26.2 39.4

