

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042224\
 Data File : VW028510.D
 Acq On : 22 Apr 2024 15:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 23 02:45:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 23 02:42:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	300202	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	280768	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	139238	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	80015	16.626	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.520%
7) Chloroethane-d5	2.899	69	72286	19.817	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.280%
11) 1,1-Dichloroethene-d2	4.027	65	37343	18.323	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.280%
21) 2-Butanone-d5	7.081	46	61996	68.840	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.680%#
24) Chloroform-d	7.648	84	188491	24.062	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.240%
26) 1,2-Dichloroethane-d4	8.307	65	107899	26.505	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	8.276	84	349730	22.801	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	9.270	67	110680	24.276	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.120%
41) Toluene-d8	10.319	98	316032	22.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.640%
43) trans-1,3-Dichloroprop...	10.575	79	44897	24.766	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.080%
47) 2-Hexanone-d5	10.922	63	43775	69.315	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.640%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97723	30.380	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.520%#
66) 1,2-Dichlorobenzene-d4	13.849	152	108626	24.669	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	75119	18.605	ug/L	97
3) Chloromethane	2.223	50	105380	22.230	ug/L	99
5) Vinyl chloride	2.375	62	118912	21.063	ug/L	99
6) Bromomethane	2.790	94	74963	21.253	ug/L	96
8) Chloroethane	2.936	64	75730	22.252	ug/L	100
9) Trichlorofluoromethane	3.271	101	90854	20.173	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	92549	21.843	ug/L	97
12) 1,1-Dichloroethene	4.045	96	88904	22.347	ug/L	95
13) Acetone	4.125	43	47907	43.324	ug/L	99
14) Carbon disulfide	4.393	76	271003	20.690	ug/L	99
15) Methyl Acetate	4.667	43	53975	30.336	ug/L	100
16) Methylene chloride	4.917	84	104566	23.019	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	98752	23.565	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	163630	27.758	ug/L	99
19) 1,1-Dichloroethane	6.216	63	200617	24.570	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	109105	24.530	ug/L	98
22) 2-Butanone	7.173	43	70361	52.431	ug/L	100
23) Bromochloromethane	7.514	128	47184	24.629	ug/L	85
25) Chloroform	7.673	83	201957	25.180	ug/L	98

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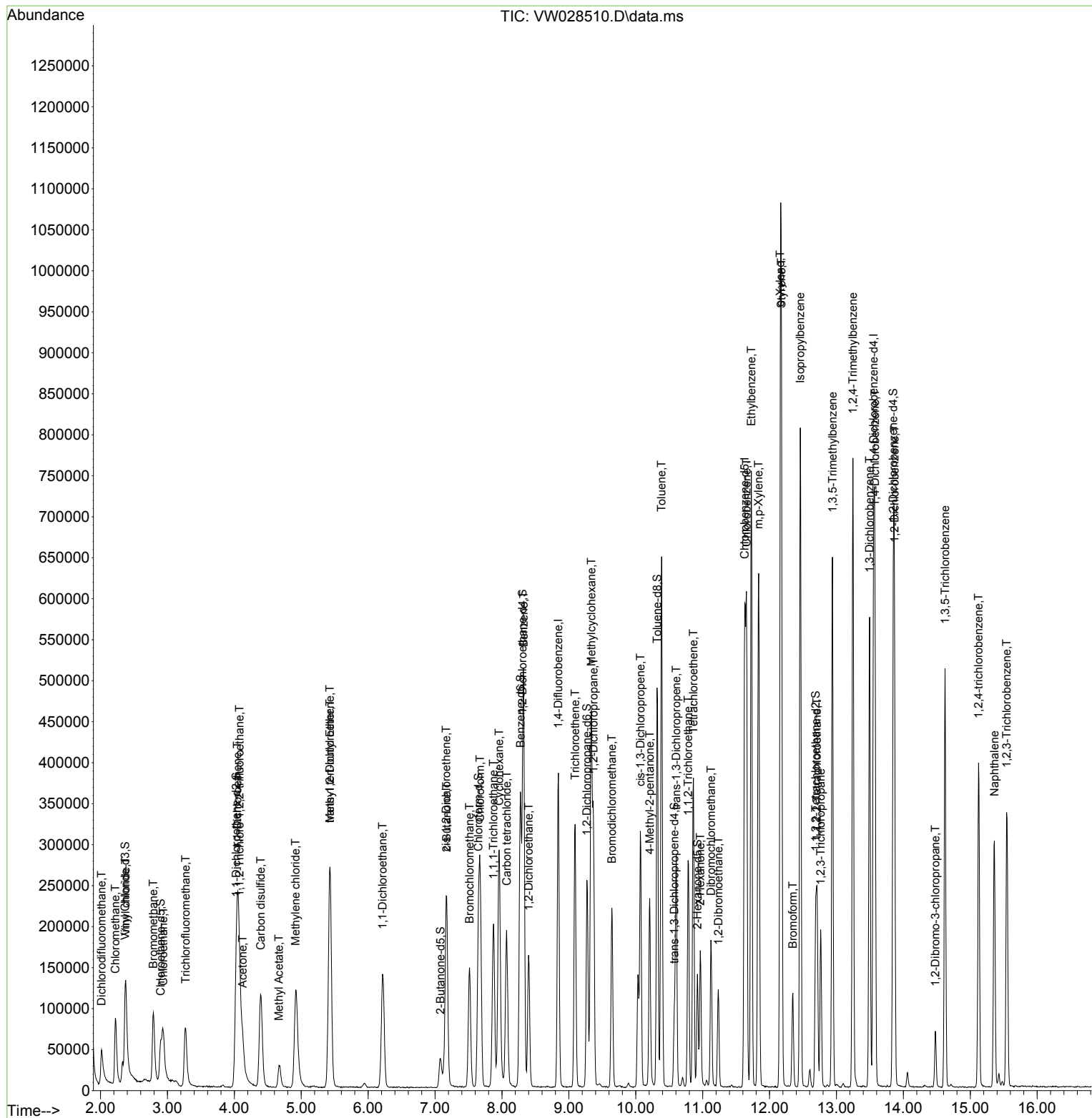
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	147423	26.630	ug/L	98
29) Cyclohexane	7.959	56	168409	22.708	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	159463	23.418	ug/L	99
31) Carbon tetrachloride	8.069	117	141233	23.389	ug/L	96
33) Benzene	8.325	78	423788	24.141	ug/L	100
34) Trichloroethene	9.093	95	110187	23.162	ug/L	96
35) Methylcyclohexane	9.337	83	180402	22.222	ug/L	100
37) 1,2-Dichloropropane	9.368	63	114138	24.946	ug/L	100
38) Bromodichloromethane	9.642	83	144022	25.396	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	170459	25.406	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	153538	67.035	ug/L	99
42) Toluene	10.386	91	449550	24.173	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	143246	26.391	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	82720	26.723	ug/L	95
46) Tetrachloroethene	10.861	164	80991	22.792	ug/L	95
48) 2-Hexanone	10.965	43	107059	58.887	ug/L	97
49) Dibromochloromethane	11.123	129	87236	26.367	ug/L	94
50) 1,2-Dibromoethane	11.233	107	78346	27.731	ug/L	95
51) Chlorobenzene	11.654	112	285404	24.690	ug/L	95
52) Ethylbenzene	11.727	91	509903	24.187	ug/L	98
53) m,p-Xylene	11.837	106	190345	24.280	ug/L	94
54) o-Xylene	12.160	106	179318	24.565	ug/L	91
55) Styrene	12.178	104	316273	25.457	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	101623	29.010	ug/L	99
59) Bromoform	12.349	173	47973	26.102	ug/L	97
60) Isopropylbenzene	12.459	105	493282	23.631	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	75781	29.769	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	330585	24.847	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	389479	24.325	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	214777	24.249	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	208773	23.172	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	193309	24.812	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.476	75	16825	28.843	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	144647	23.733	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	117150	24.613	ug/L	93
71) Naphthalene	15.360	128	252362	29.959	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	106909	25.313	ug/L	99

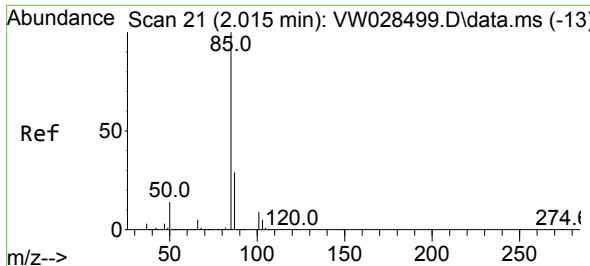
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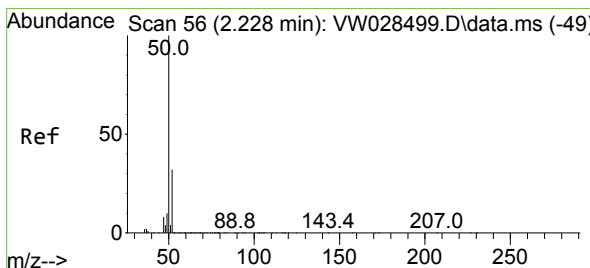
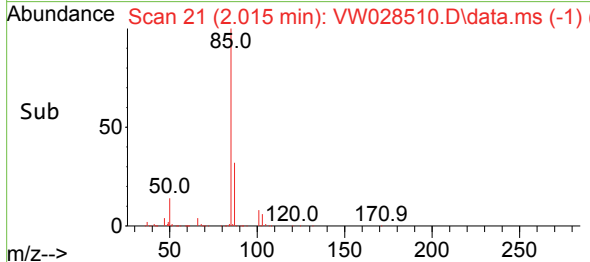
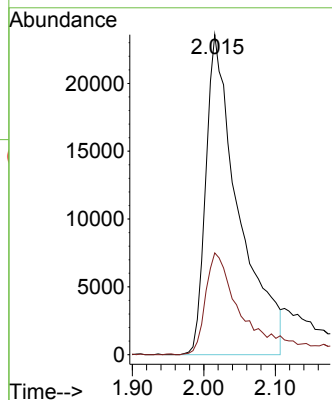
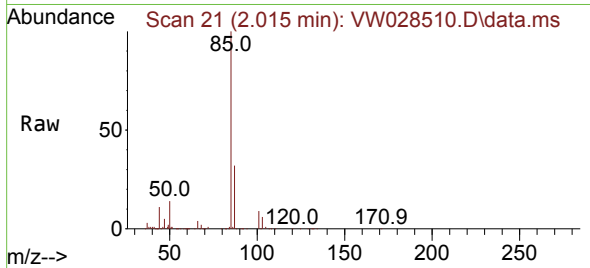




#2
 Dichlorodifluoromethane
 Concen: 18.605 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028510.D
 Acq: 22 Apr 2024 15:41

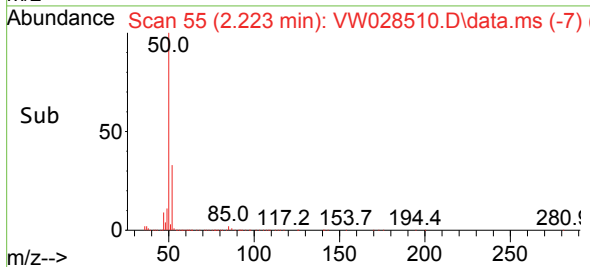
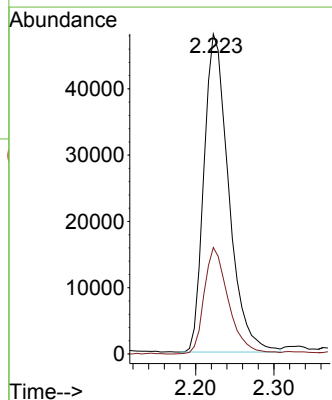
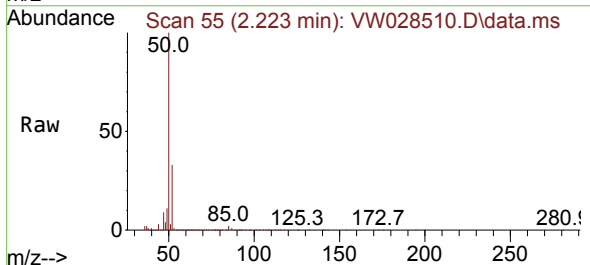
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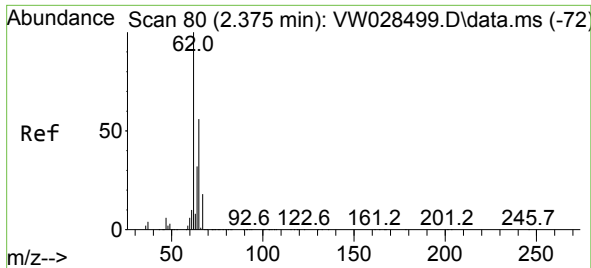
Tgt Ion: 85 Resp: 75119
 Ion Ratio Lower Upper
 85 100
 87 30.8 23.4 35.0



#3
 Chloromethane
 Concen: 22.230 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW028510.D
 Acq: 22 Apr 2024 15:41

Tgt Ion: 50 Resp: 105380
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.0 42.6

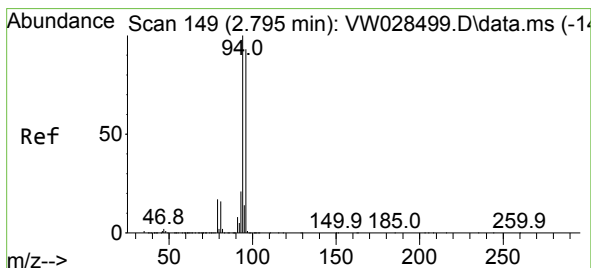
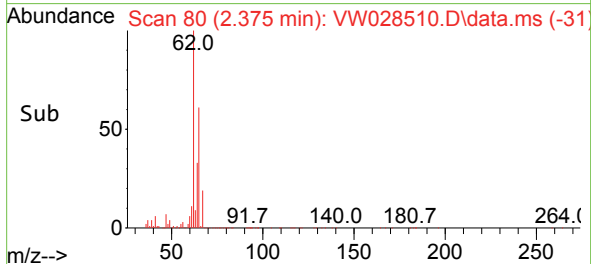
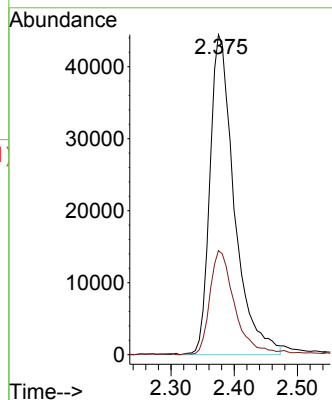
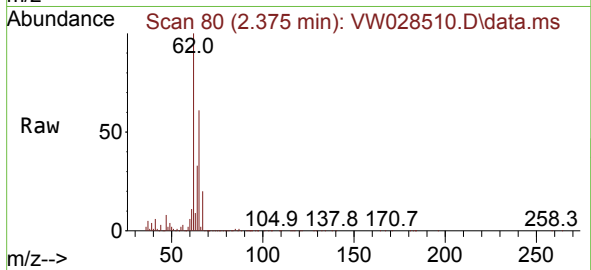




#5
 Vinyl chloride
 Concen: 21.063 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028510.D
 Acq: 22 Apr 2024 15:41

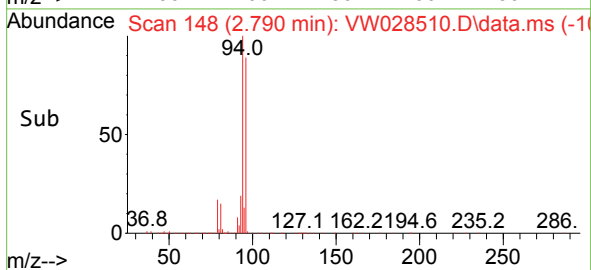
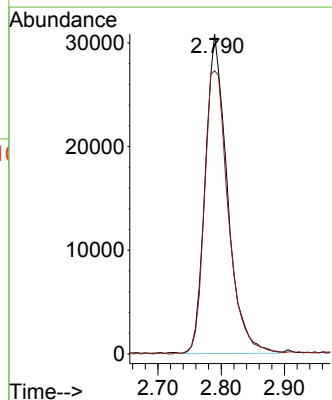
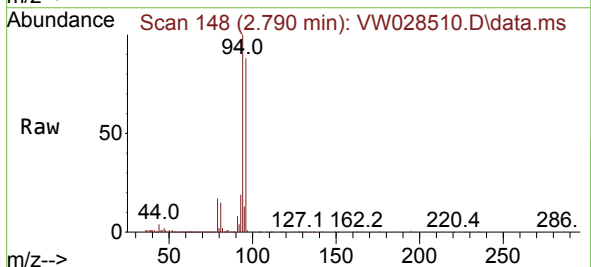
Instrument :
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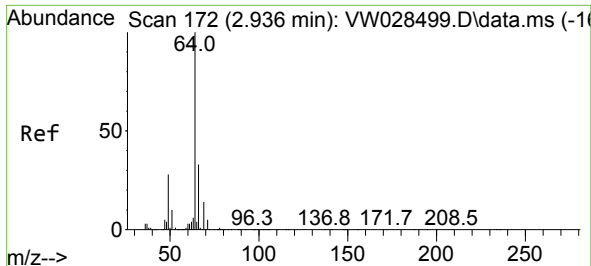
Tgt Ion: 62 Resp: 118912
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.1 42.9



#6
 Bromomethane
 Concen: 21.253 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028510.D
 Acq: 22 Apr 2024 15:41

Tgt Ion: 94 Resp: 74963
 Ion Ratio Lower Upper
 94 100
 96 88.5 64.3 119.5





#8

Chloroethane

Concen: 22.252 ug/L

RT: 2.936 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028510.D

Acq: 22 Apr 2024 15:41

Instrument :

MSVOA_W

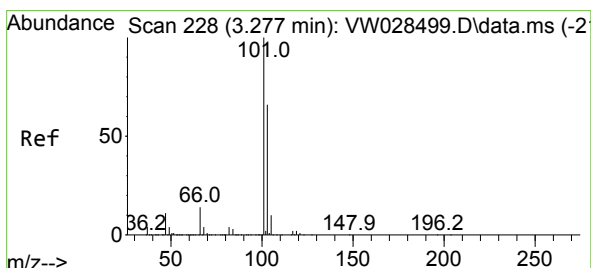
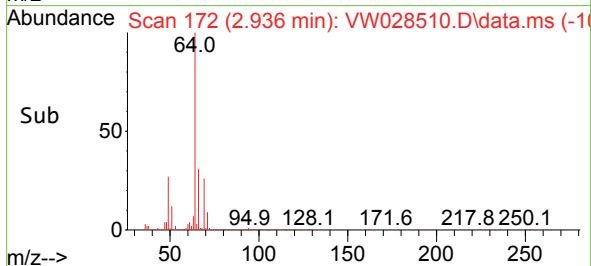
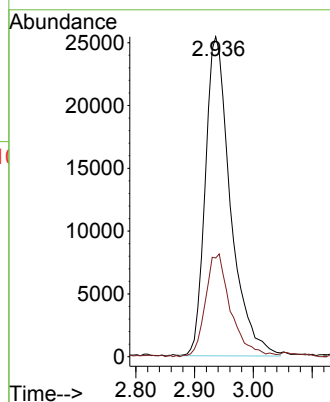
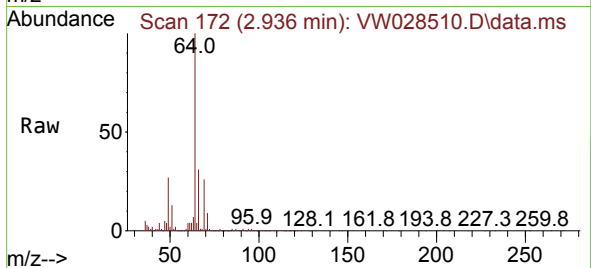
ClientSampleId :

Tgt Ion: 64 Resp: 75730

Ion Ratio Lower Upper

64 100

66 30.8 21.7 40.3



#9

Trichlorofluoromethane

Concen: 20.173 ug/L

RT: 3.271 min Scan# 227

Delta R.T. -0.006 min

Lab File: VW028510.D

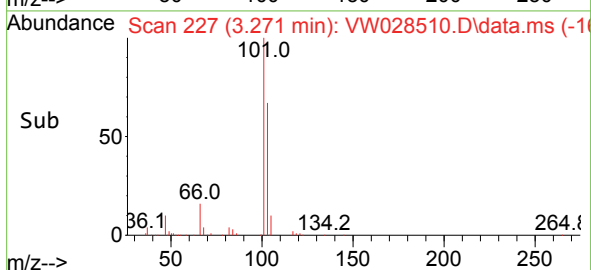
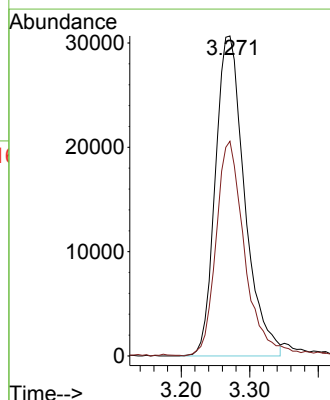
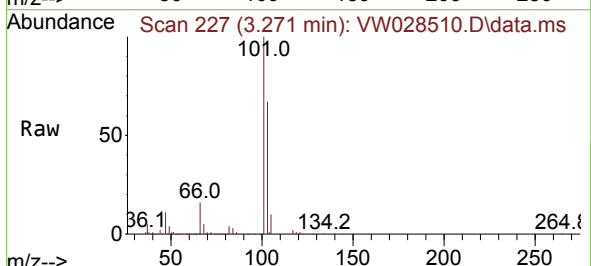
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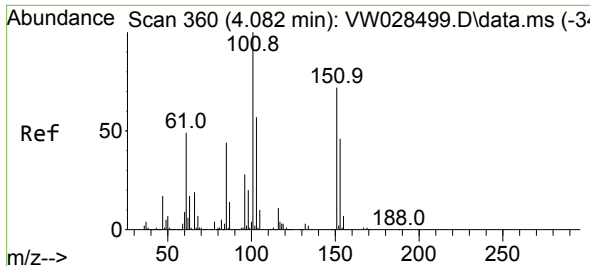
Tgt Ion:101 Resp: 90854

Ion Ratio Lower Upper

101 100

103 65.7 52.0 78.0

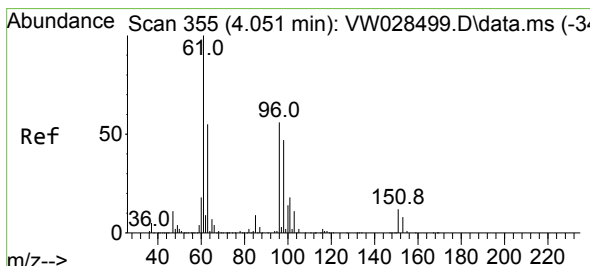
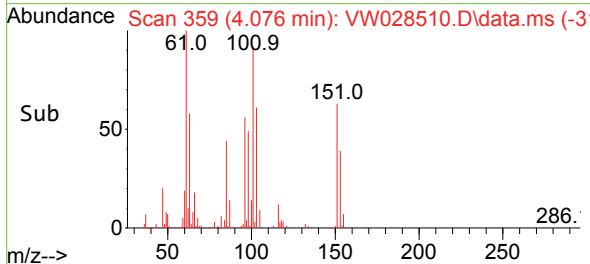
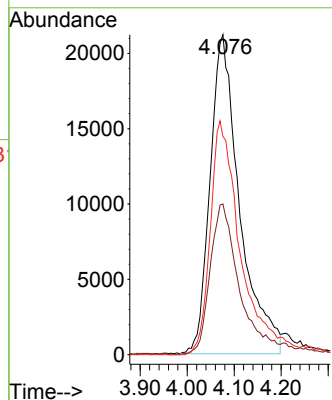
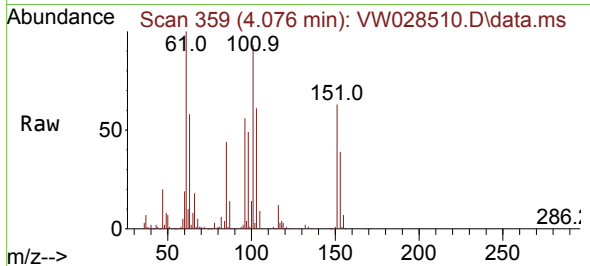




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.843 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW028510.D
 Acq: 22 Apr 2024 15:41

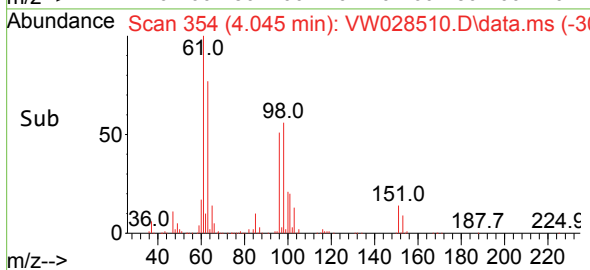
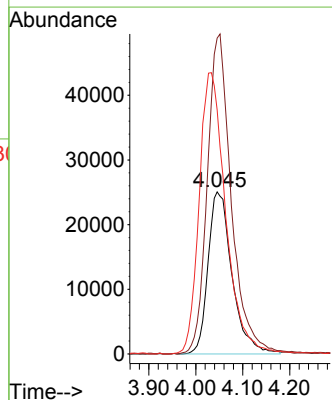
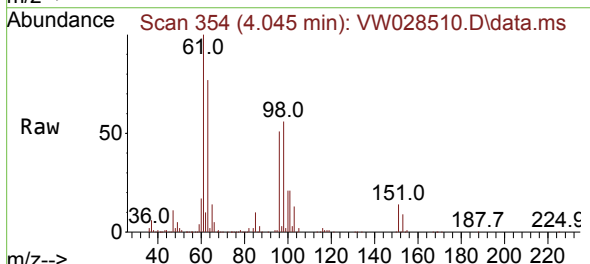
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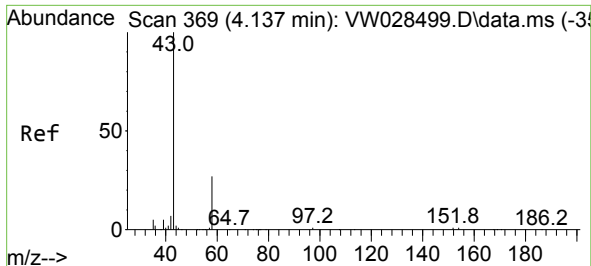
Tgt Ion:101 Resp: 92549
 Ion Ratio Lower Upper
 101 100
 85 46.8 34.5 51.7
 151 72.5 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 22.347 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW028510.D
 Acq: 22 Apr 2024 15:41

Tgt Ion: 96 Resp: 88904
 Ion Ratio Lower Upper
 96 100
 61 194.8 130.5 242.5
 63 150.5 101.5 188.5

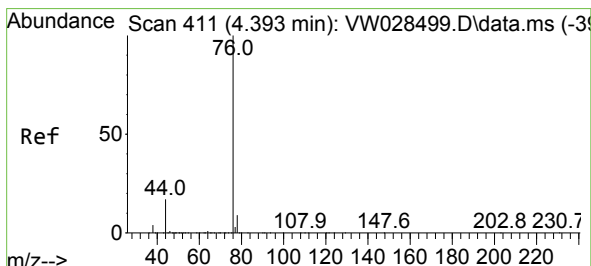
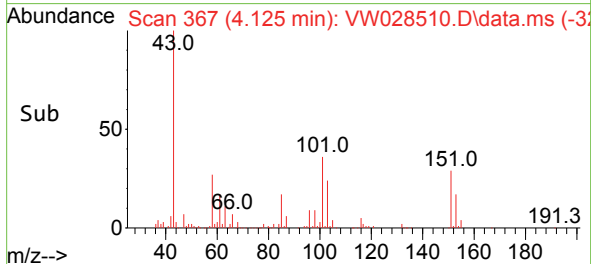
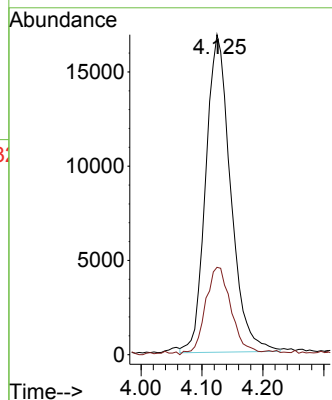
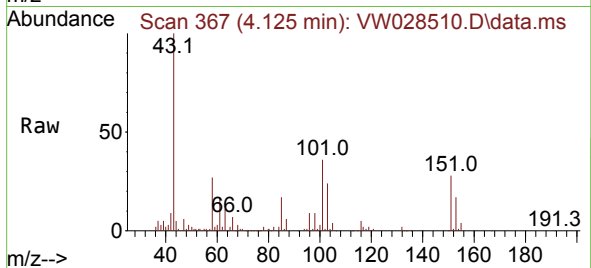




#13
Acetone
Concen: 43.324 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.012 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

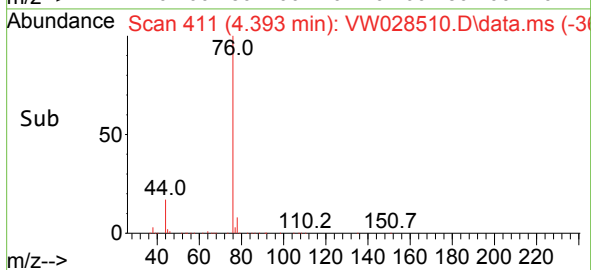
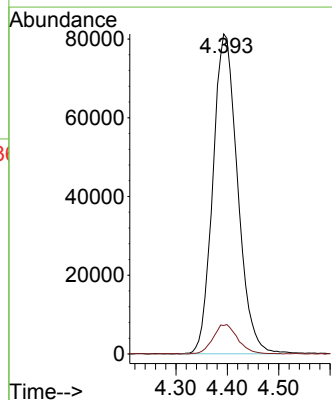
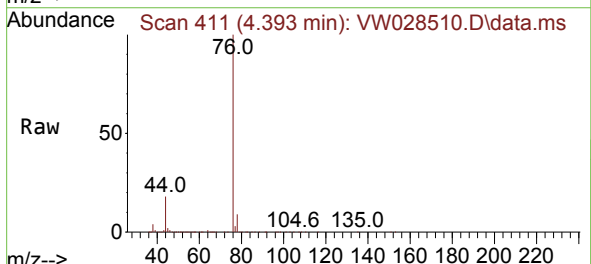
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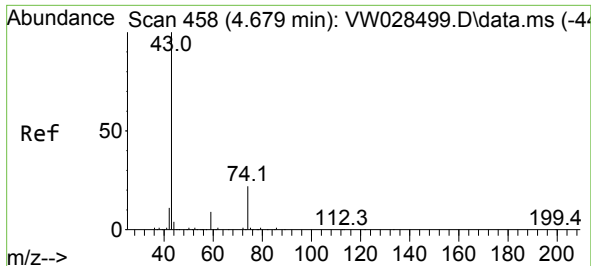
Tgt Ion: 43 Resp: 47907
Ion Ratio Lower Upper
43 100
58 26.4 0.0 53.4



#14
Carbon disulfide
Concen: 20.690 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 271003
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

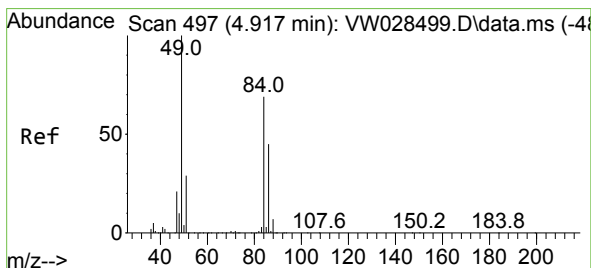
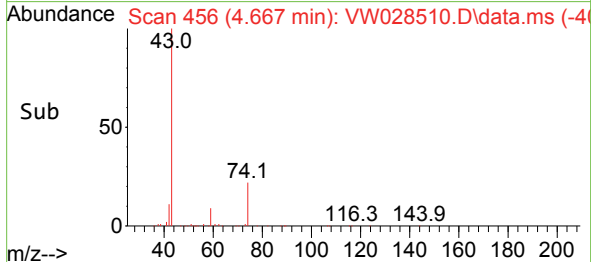
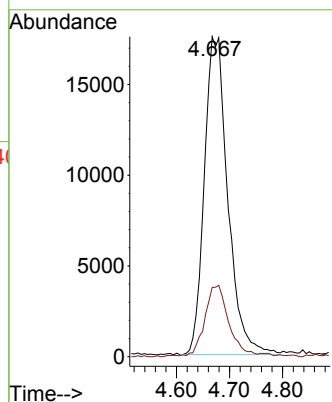
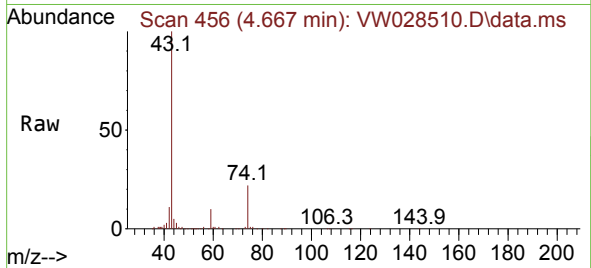




#15
Methyl Acetate
Concen: 30.336 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

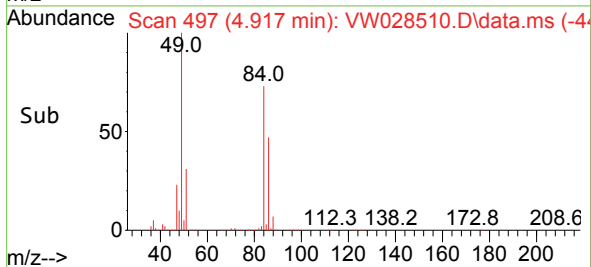
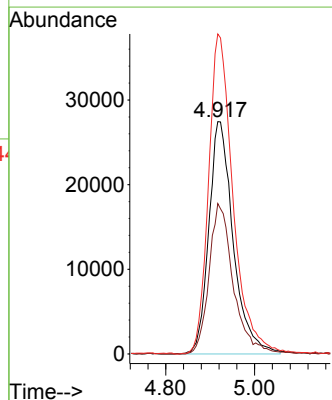
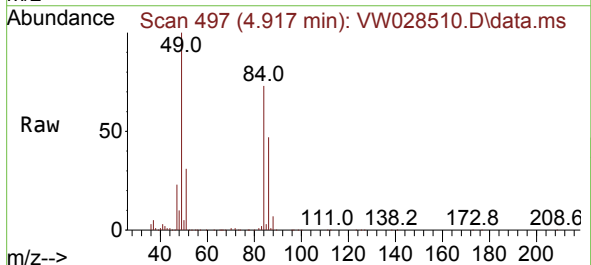
Instrument :
MSVOA_W
ClientSampleId :

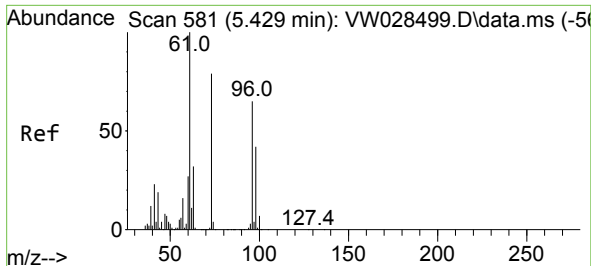
Tgt Ion: 43 Resp: 53975
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.0



#16
Methylene chloride
Concen: 23.019 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

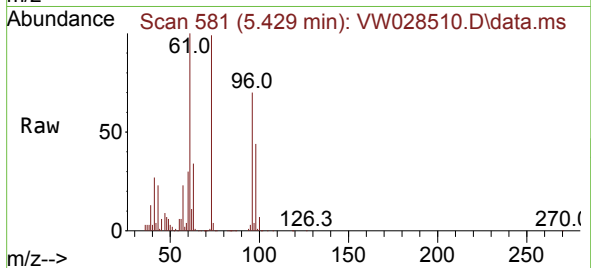
Tgt Ion: 84 Resp: 104566
Ion Ratio Lower Upper
84 100
86 64.8 44.2 82.0
49 137.8 95.0 176.4



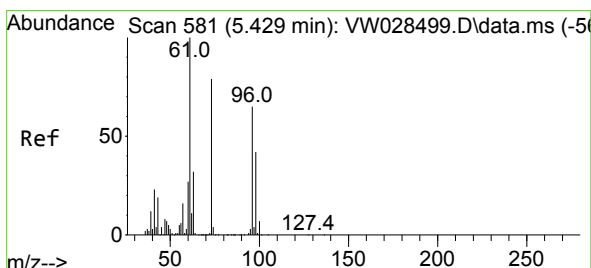
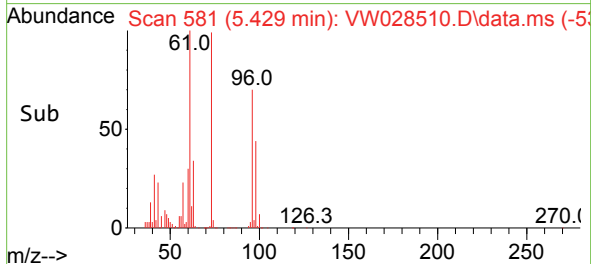
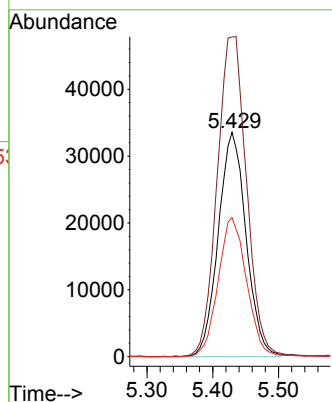


#17
trans-1,2-Dichloroethene
Concen: 23.565 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

Instrument :
MSVOA_W
ClientSampleId :

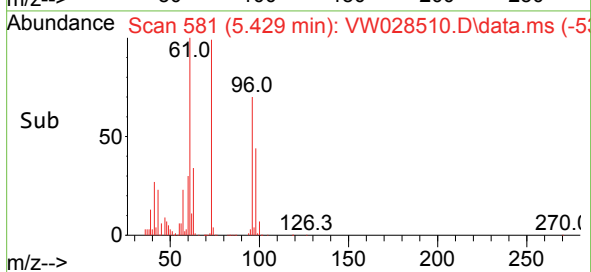
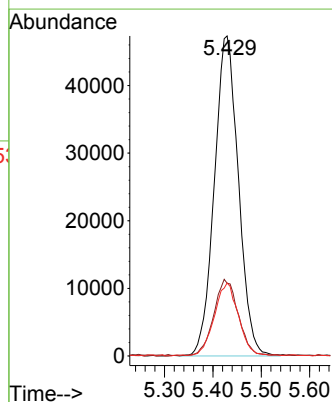
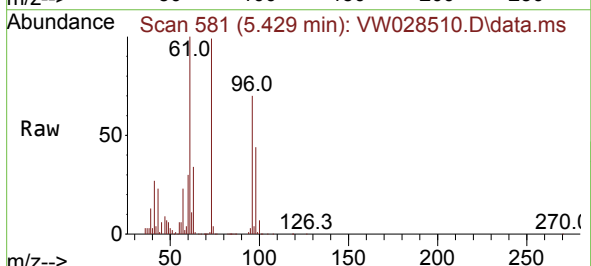


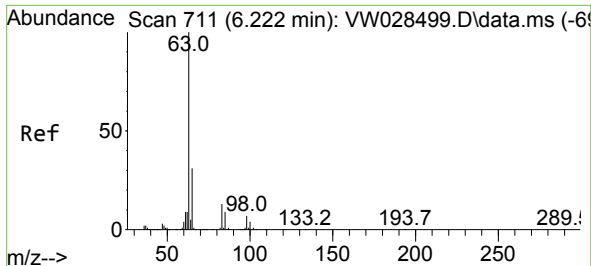
Tgt Ion: 96 Resp: 98752
Ion Ratio Lower Upper
96 100
61 142.5 108.4 201.4
98 62.0 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 27.758 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

Tgt Ion: 73 Resp: 163630
Ion Ratio Lower Upper
73 100
43 24.0 18.5 27.7
57 22.6 18.2 27.4





#19

1,1-Dichloroethane

Concen: 24.570 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

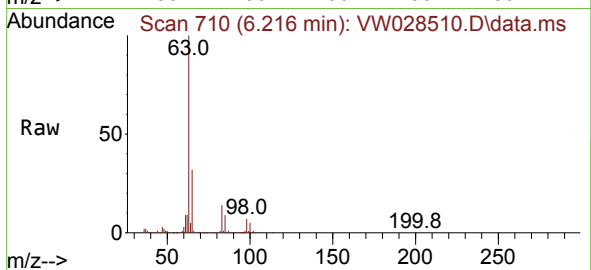
Lab File: VW028510.D

Acq: 22 Apr 2024 15:41

Instrument :

MSVOA_W

ClientSampleId :



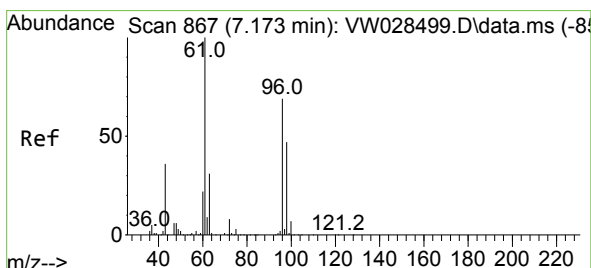
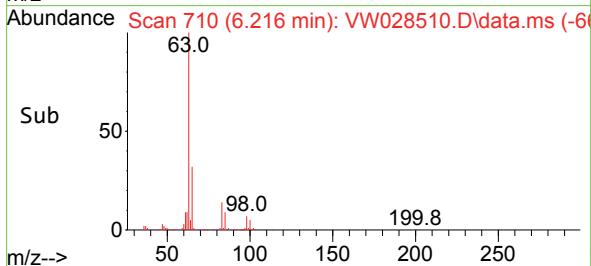
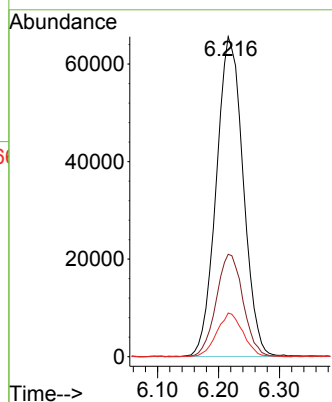
Tgt Ion: 63 Resp: 200617

Ion Ratio Lower Upper

63 100

65 32.0 21.8 40.4

83 13.7 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.530 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028510.D

Acq: 22 Apr 2024 15:41

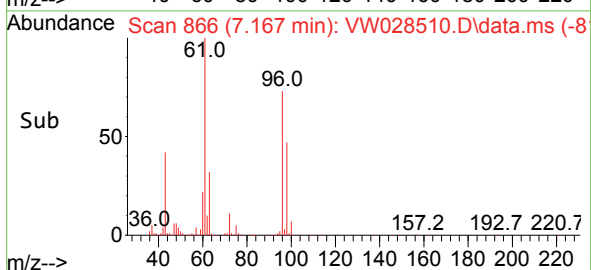
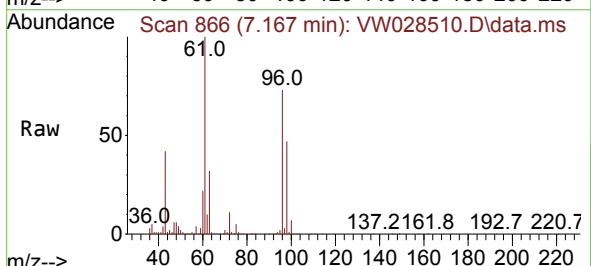
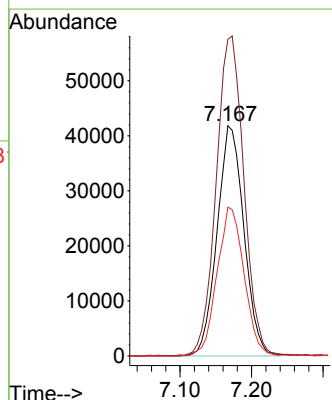
Tgt Ion: 96 Resp: 109105

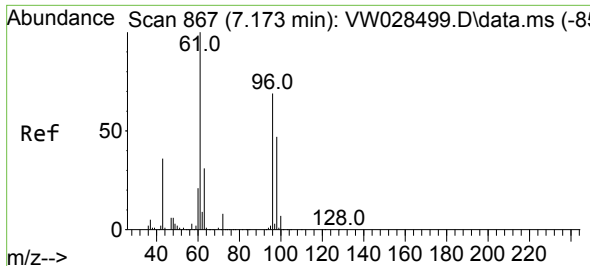
Ion Ratio Lower Upper

96 100

61 137.5 97.6 181.2

98 64.6 47.7 88.5

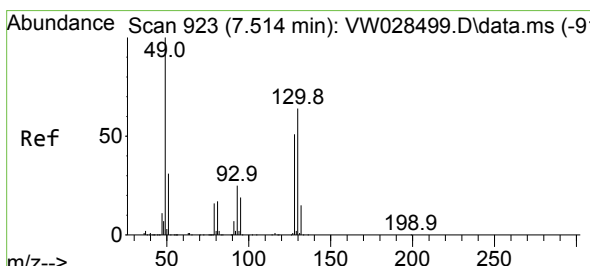
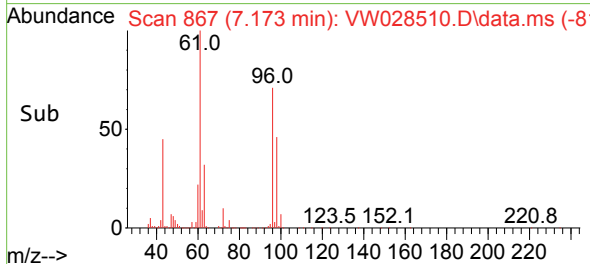
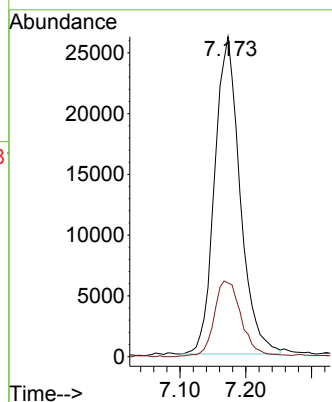
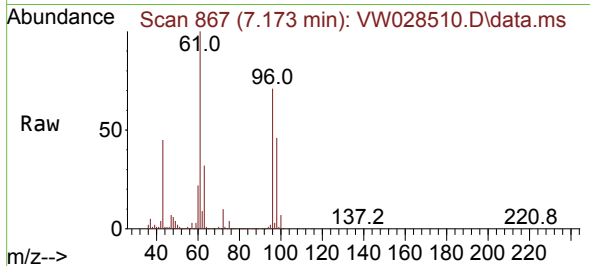




#22
2-Butanone
Concen: 52.431 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

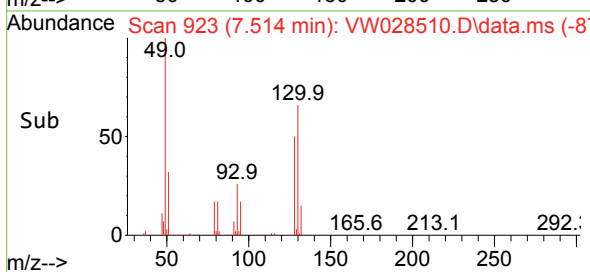
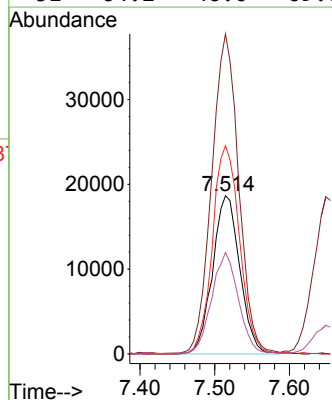
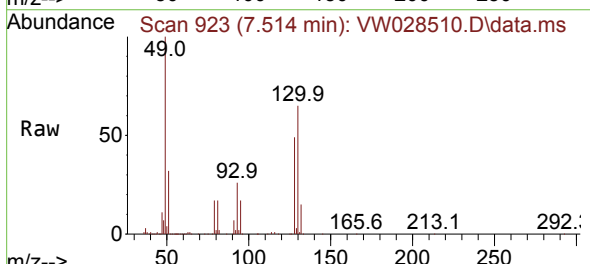
Instrument :
MSVOA_W
ClientSampleId :

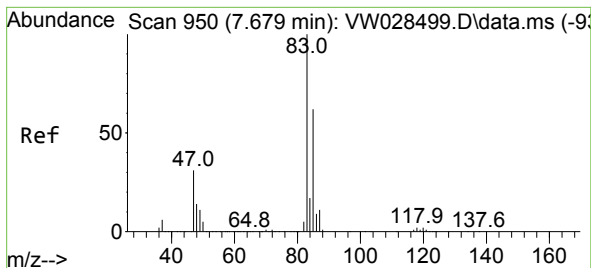
Tgt Ion: 43 Resp: 70361
Ion Ratio Lower Upper
43 100
72 25.7 12.8 38.4



#23
Bromochloromethane
Concen: 24.629 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

Tgt Ion: 128 Resp: 47184
Ion Ratio Lower Upper
128 100
49 202.2 127.1 236.0
130 131.7 78.3 145.5
51 64.2 46.0 69.0





#25

Chloroform

Concen: 25.180 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028510.D

Acq: 22 Apr 2024 15:41

Instrument :

MSVOA_W

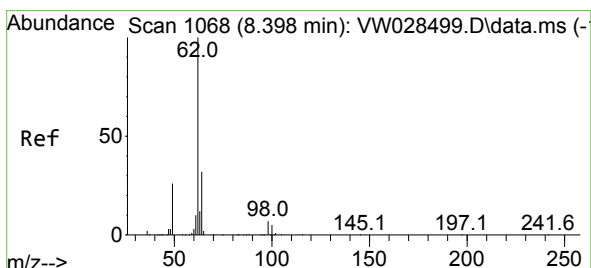
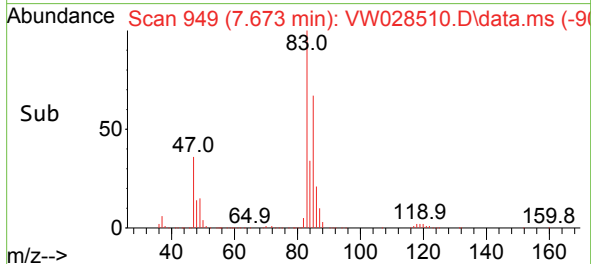
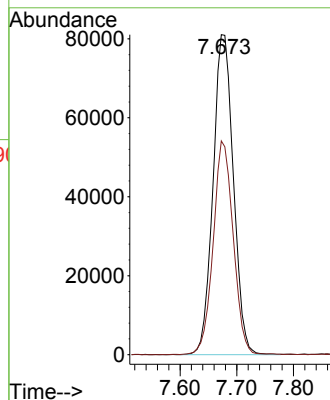
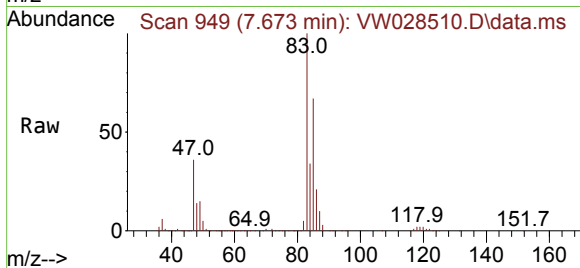
ClientSampleId :

Tgt Ion: 83 Resp: 201957

Ion Ratio Lower Upper

83 100

85 66.8 47.7 88.7



#27

1,2-Dichloroethane

Concen: 26.630 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028510.D

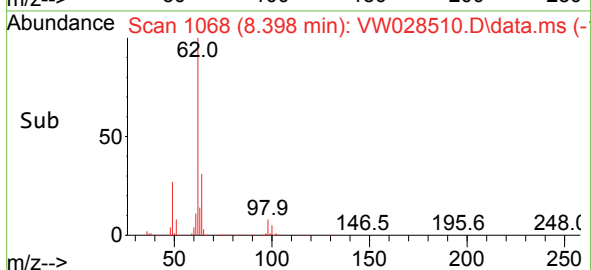
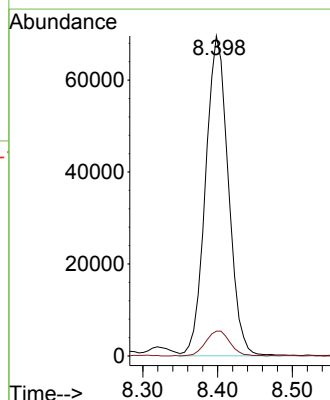
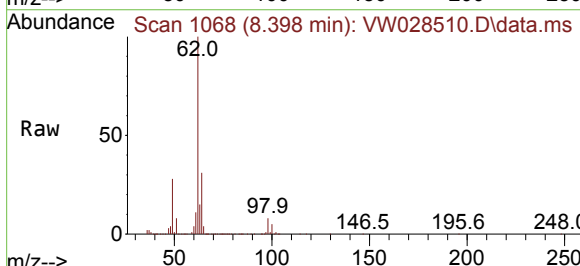
Acq: 22 Apr 2024 15:41

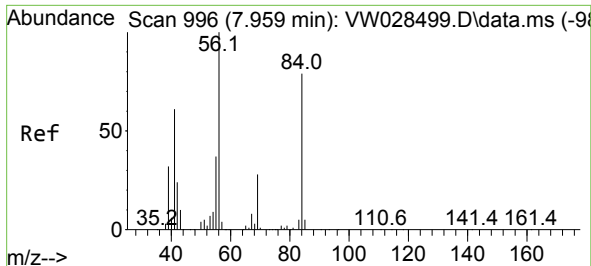
Tgt Ion: 62 Resp: 147423

Ion Ratio Lower Upper

62 100

98 7.7 6.6 10.0





#29

Cyclohexane

Concen: 22.708 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

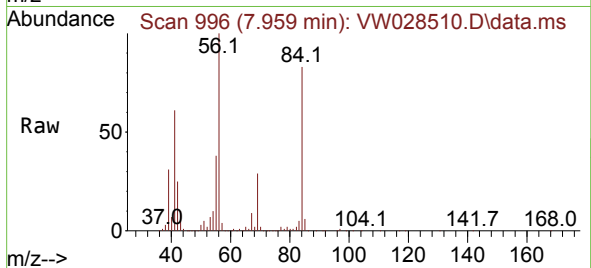
Lab File: VW028510.D

Acq: 22 Apr 2024 15:41

Instrument :

MSVOA_W

ClientSampleId :



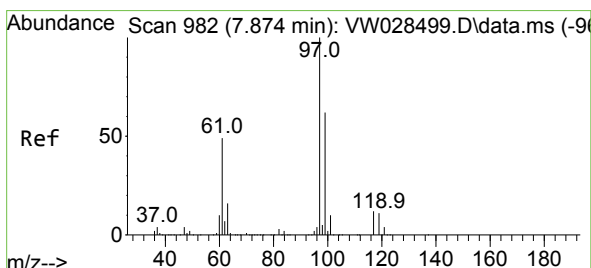
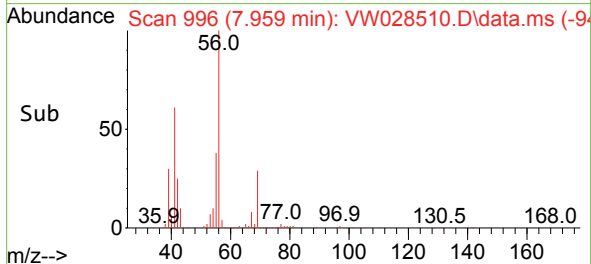
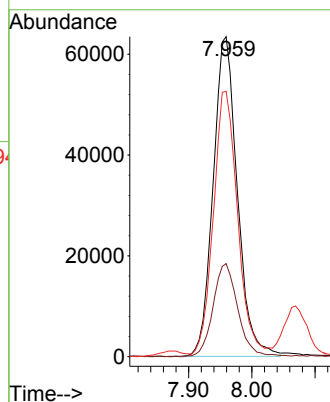
Tgt Ion: 56 Resp: 168409

Ion Ratio Lower Upper

56 100

69 29.4 23.8 35.6

84 83.6 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 23.418 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028510.D

Acq: 22 Apr 2024 15:41

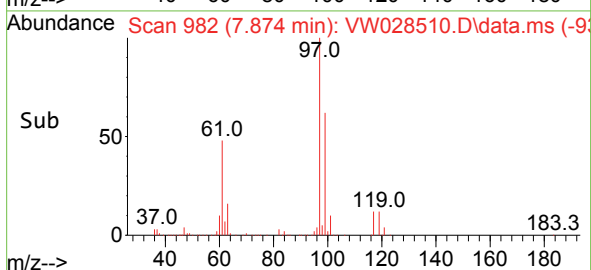
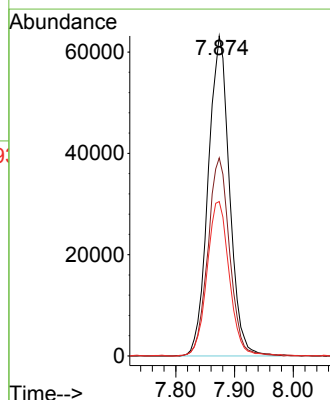
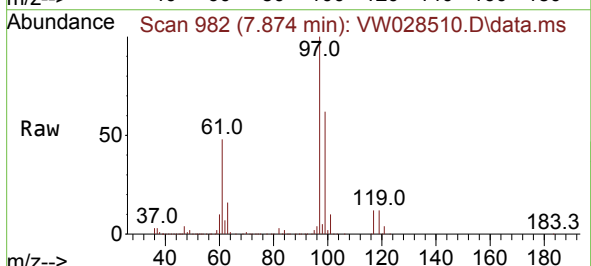
Tgt Ion: 97 Resp: 159463

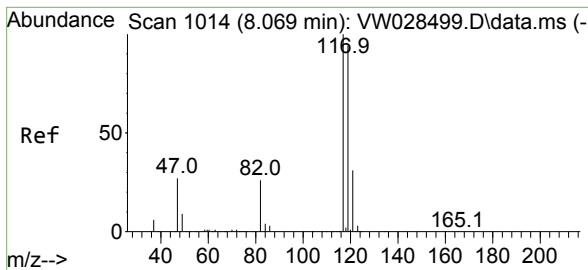
Ion Ratio Lower Upper

97 100

99 63.3 51.4 77.2

61 50.5 40.5 60.7

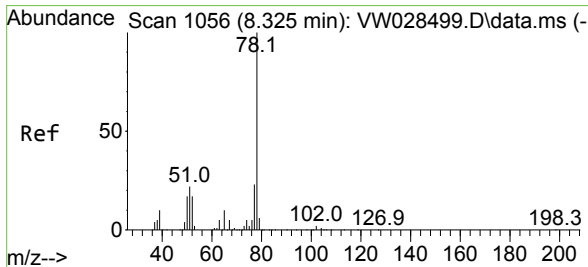
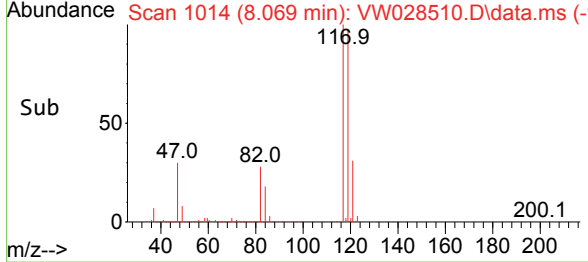
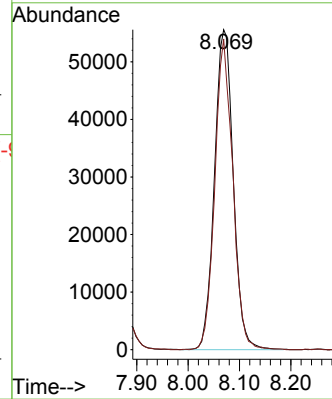
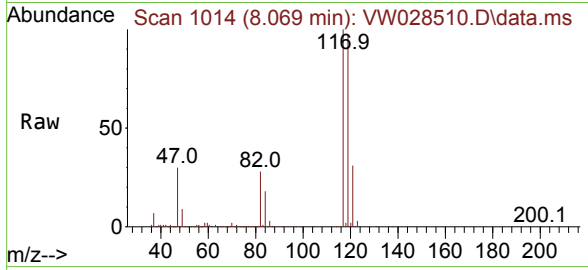




#31
Carbon tetrachloride
Concen: 23.389 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

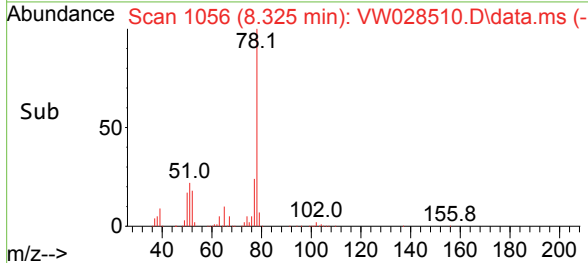
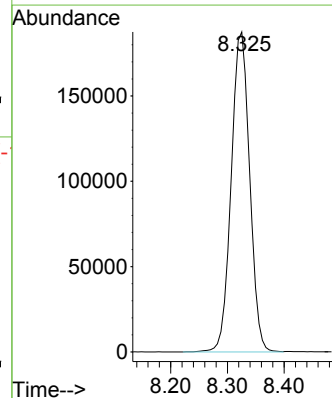
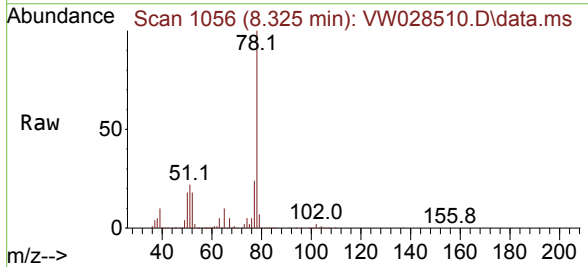
Instrument :
MSVOA_W
ClientSampleId :

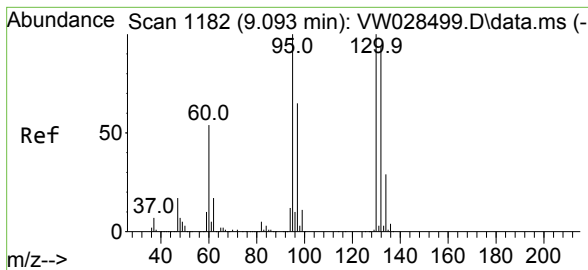
Tgt Ion:117 Resp: 141233
Ion Ratio Lower Upper
117 100
119 92.7 77.4 116.2



#33
Benzene
Concen: 24.141 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

Tgt Ion: 78 Resp: 423788

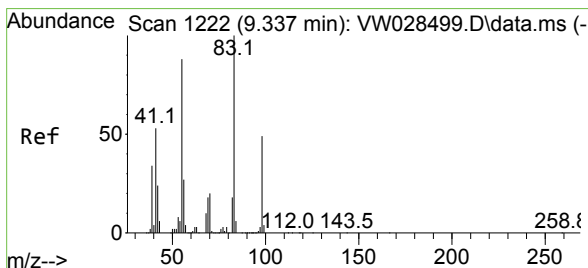
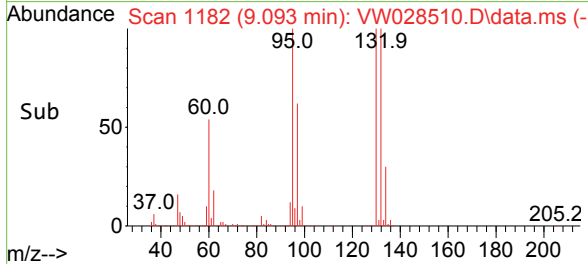
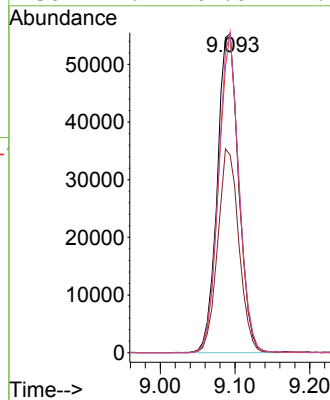
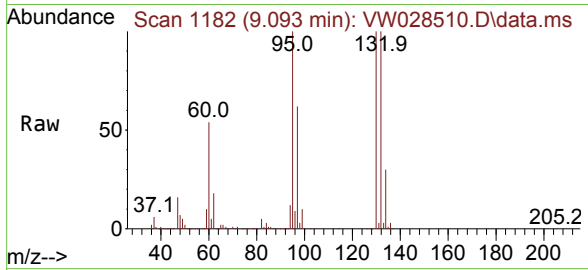




#34
Trichloroethene
Concen: 23.162 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

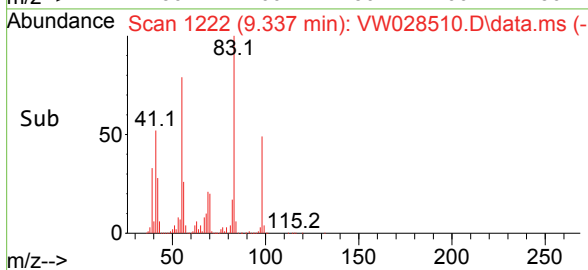
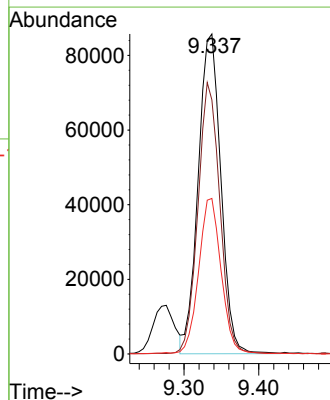
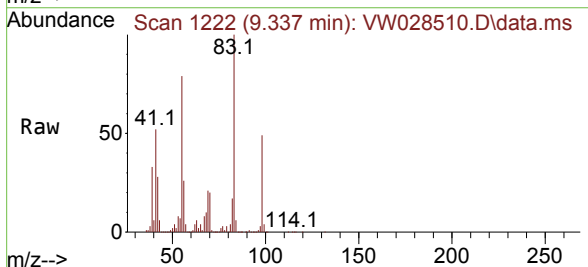
Instrument :
MSVOA_W
ClientSampleId :

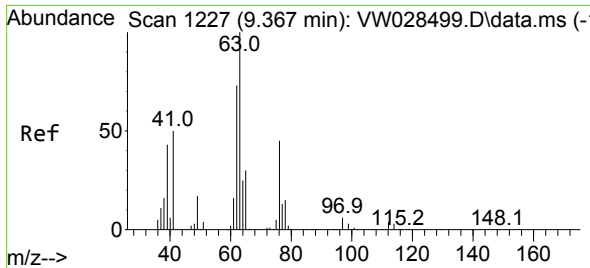
Tgt Ion: 95 Resp: 110187
Ion Ratio Lower Upper
95 100
97 62.0 43.8 81.4
132 100.3 66.1 122.8
130 99.9 67.0 124.4



#35
Methylcyclohexane
Concen: 22.222 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

Tgt Ion: 83 Resp: 180402
Ion Ratio Lower Upper
83 100
55 82.3 65.7 98.5
98 48.3 38.6 58.0

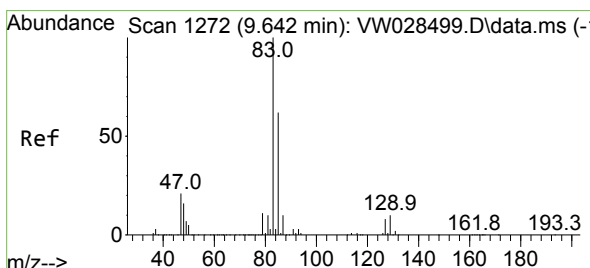
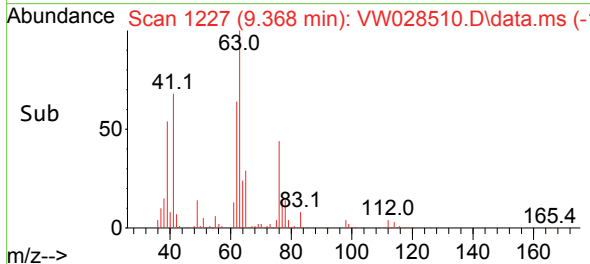
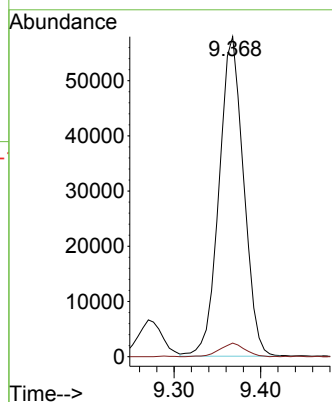
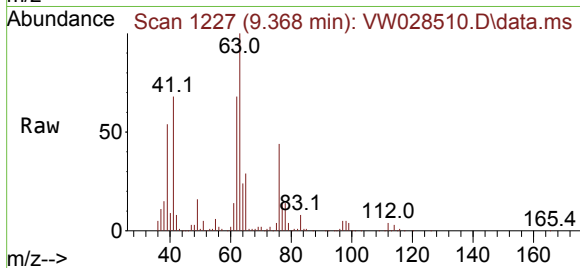




#37
1,2-Dichloropropane
Concen: 24.946 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

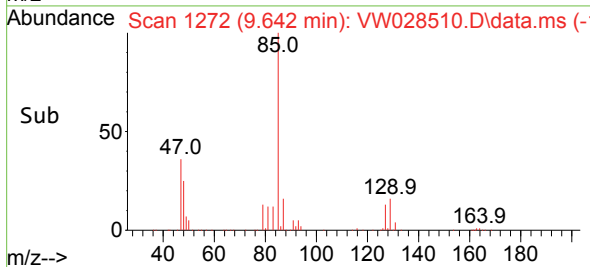
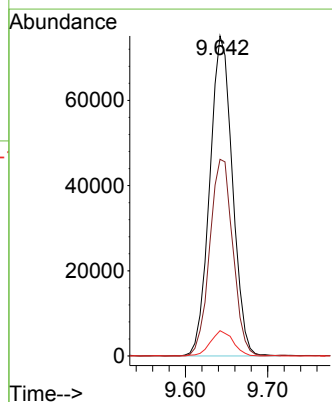
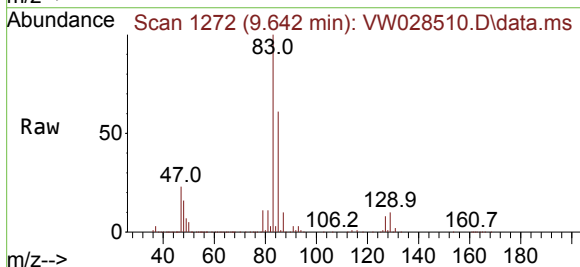
Instrument :
MSVOA_W
ClientSampleId :

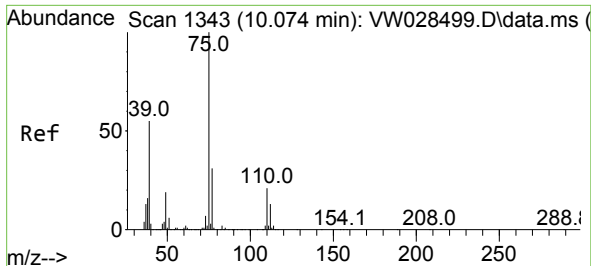
Tgt Ion: 63 Resp: 114138
Ion Ratio Lower Upper
63 100
112 4.3 3.6 5.4



#38
Bromodichloromethane
Concen: 25.396 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

Tgt Ion: 83 Resp: 144022
Ion Ratio Lower Upper
83 100
85 61.5 43.1 80.1
127 7.9 6.4 9.6

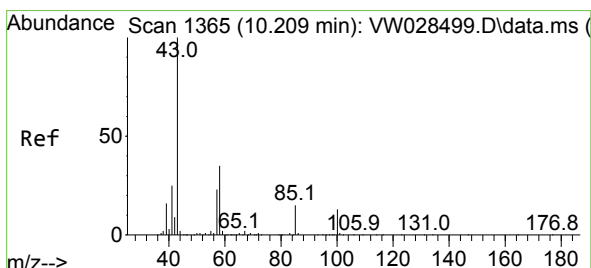
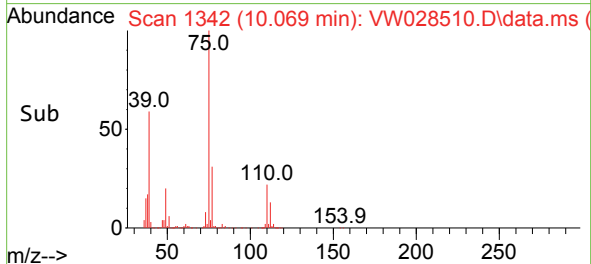
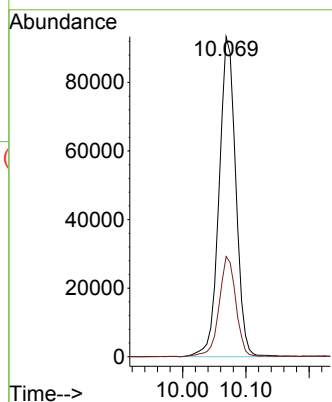
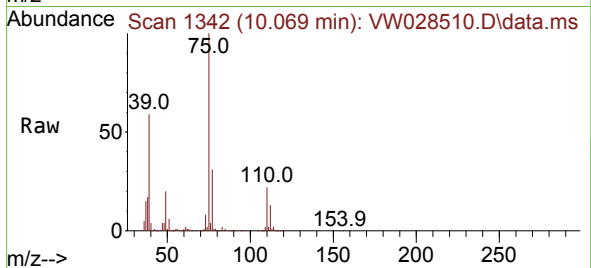




#39
 cis-1,3-Dichloropropene
 Concen: 25.406 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.006 min
 Lab File: VW028510.D
 Acq: 22 Apr 2024 15:41

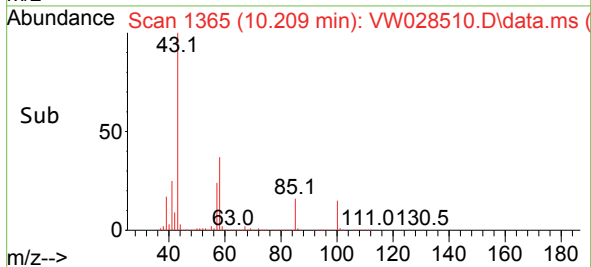
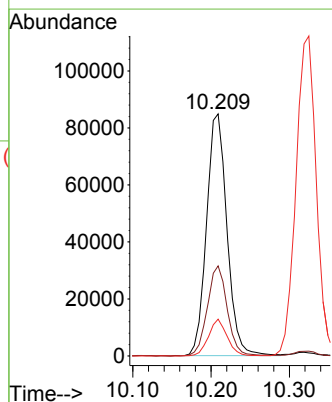
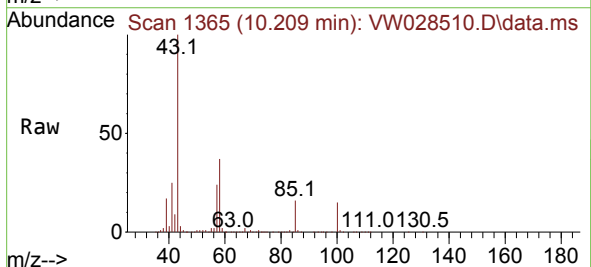
Instrument :
 MSVOA_W
 ClientSampleId :

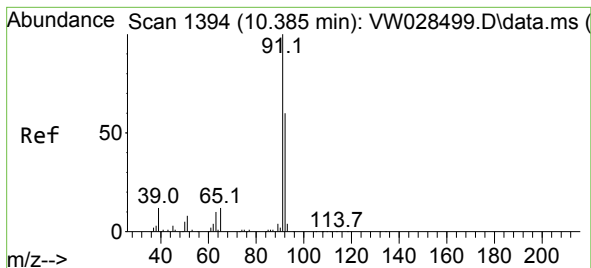
Tgt Ion: 75 Resp: 170459
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 67.035 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW028510.D
 Acq: 22 Apr 2024 15:41

Tgt Ion: 43 Resp: 153538
 Ion Ratio Lower Upper
 43 100
 58 36.3 28.6 43.0
 100 13.9 10.6 16.0





#42

Toluene

Concen: 24.173 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028510.D

Acq: 22 Apr 2024 15:41

Instrument :

MSVOA_W

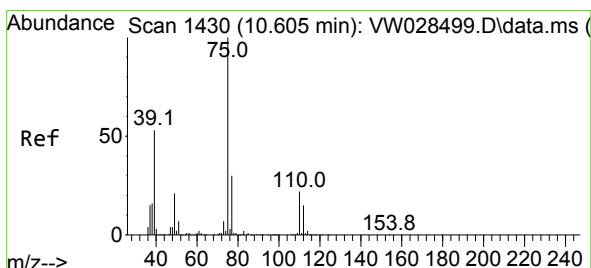
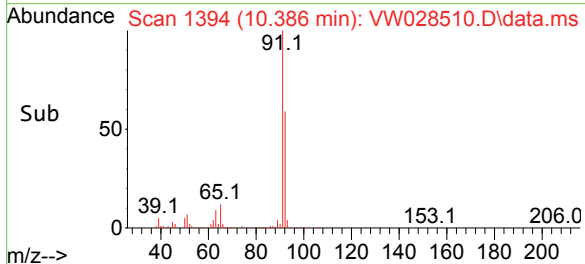
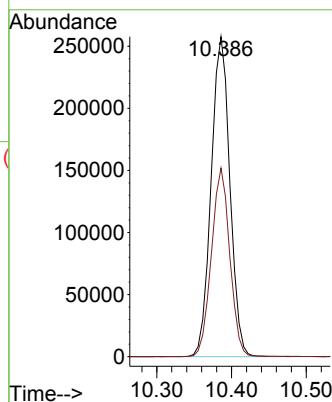
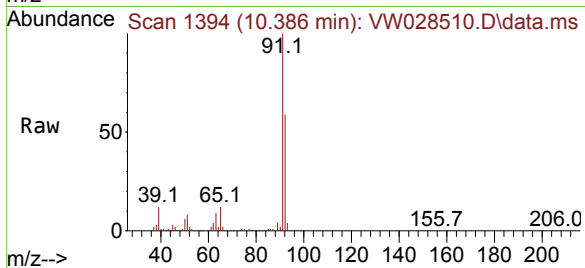
ClientSampleId :

Tgt Ion: 91 Resp: 449550

Ion Ratio Lower Upper

91 100

92 59.0 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 26.391 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028510.D

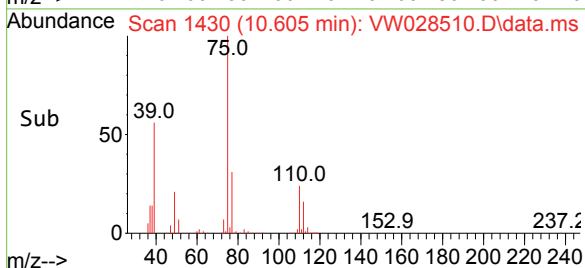
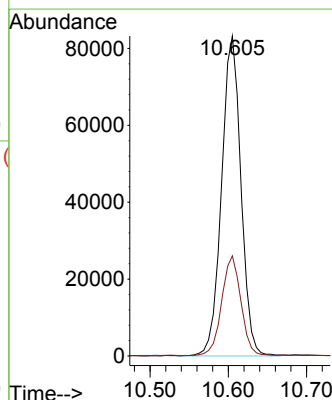
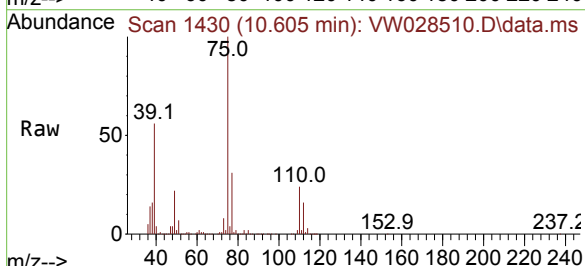
Acq: 22 Apr 2024 15:41

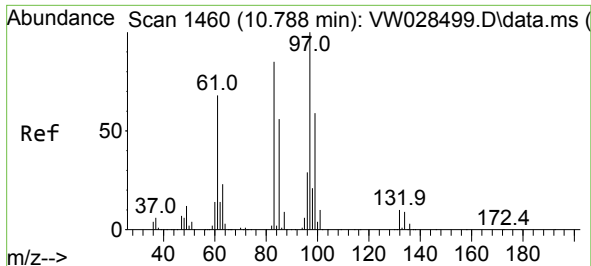
Tgt Ion: 75 Resp: 143246

Ion Ratio Lower Upper

75 100

77 31.3 22.6 42.0

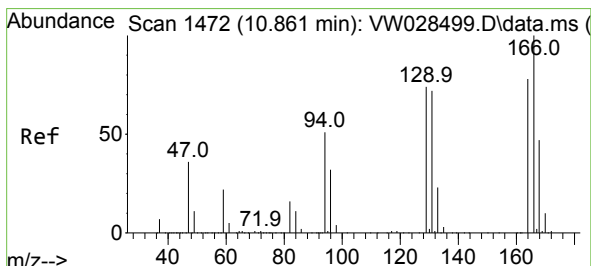
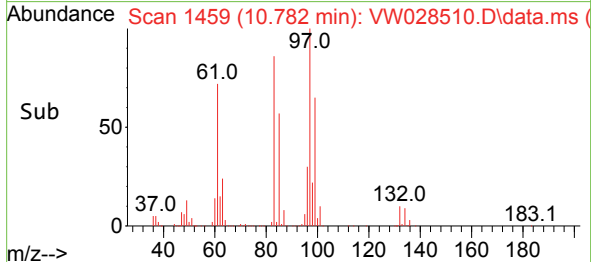
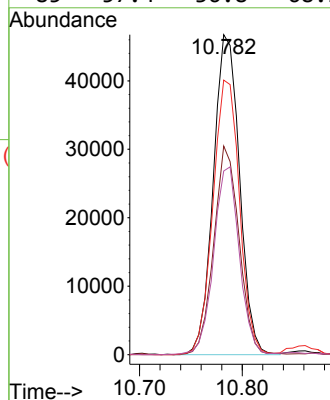
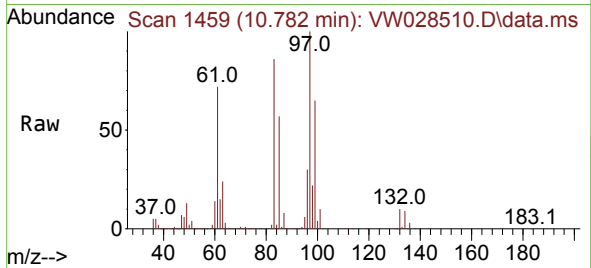




#45
1,1,2-Trichloroethane
Concen: 26.723 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

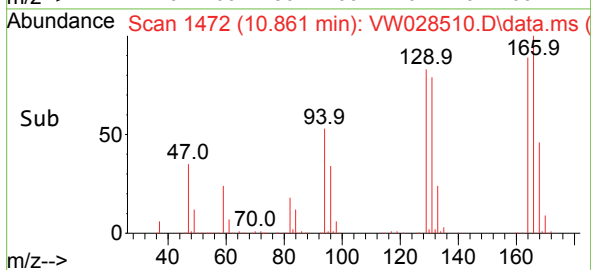
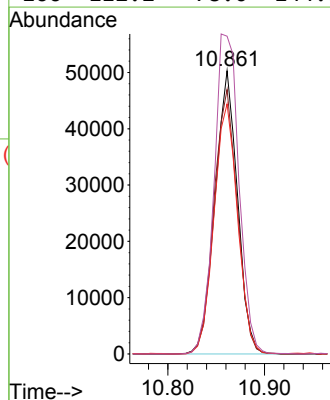
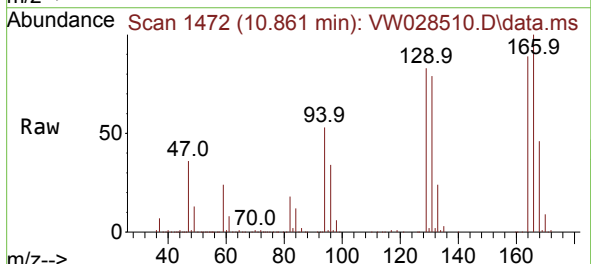
Instrument :
MSVOA_W
ClientSampleId :

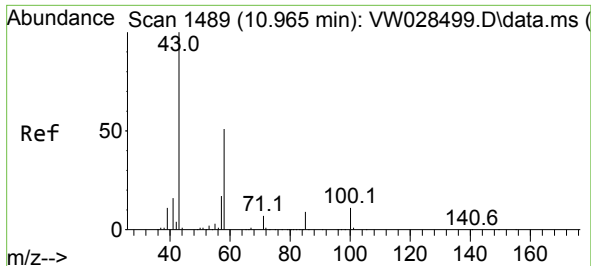
Tgt Ion: 97	Resp: 82720
Ion Ratio	Lower Upper
97	100
99	65.2 44.2 82.2
83	85.8 56.4 104.7
85	57.4 36.8 68.3



#46
Tetrachloroethene
Concen: 22.792 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

Tgt Ion: 164	Resp: 80991
Ion Ratio	Lower Upper
164	100
129	93.4 59.7 110.9
131	88.3 58.2 108.2
166	112.2 78.0 144.8



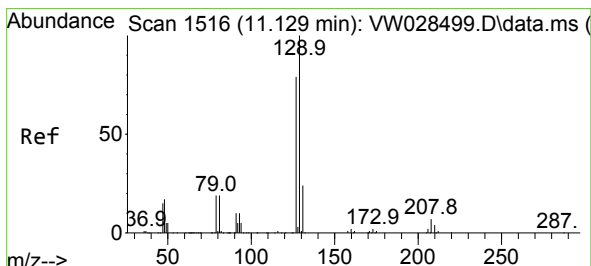
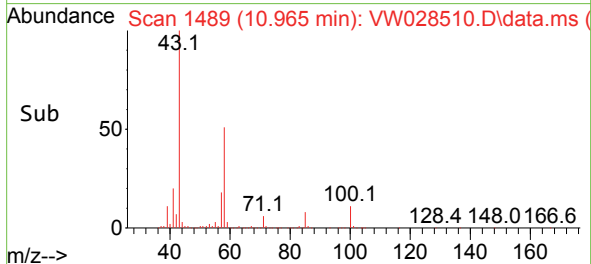
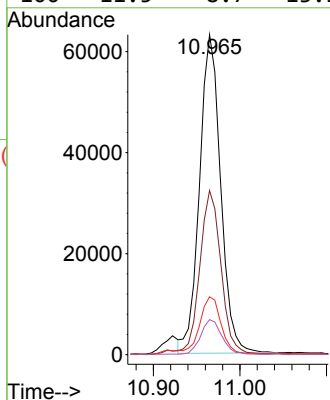
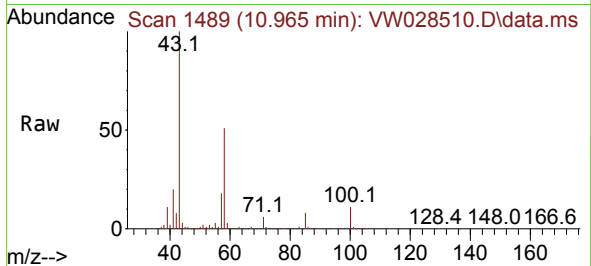


#48
2-Hexanone
Concen: 58.887 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 107059

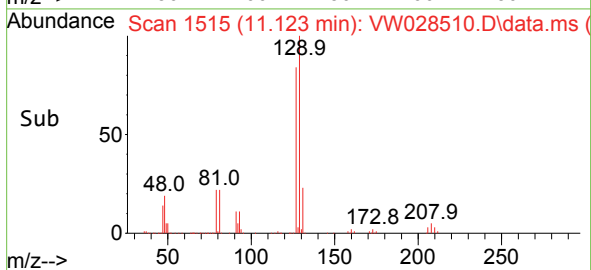
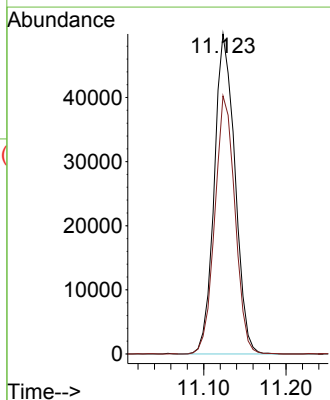
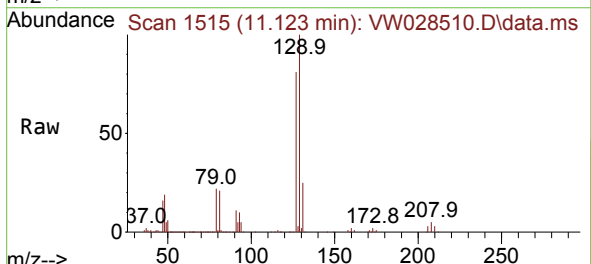
Ion	Ratio	Lower	Upper
43	100		
58	51.0	38.9	58.3
57	18.3	14.4	21.6
100	11.5	8.7	13.1

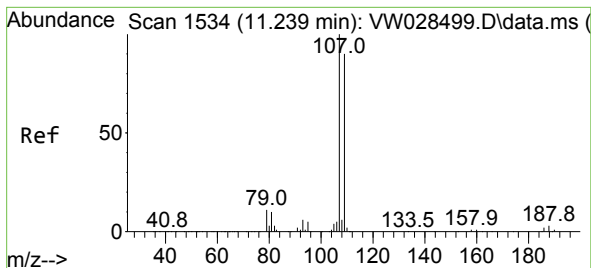


#49
Dibromochloromethane
Concen: 26.367 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

Tgt Ion: 129 Resp: 87236

Ion	Ratio	Lower	Upper
129	100		
127	80.7	53.0	98.4

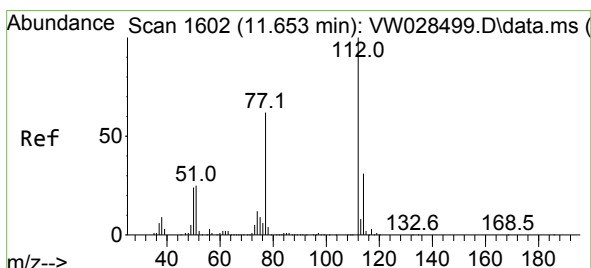
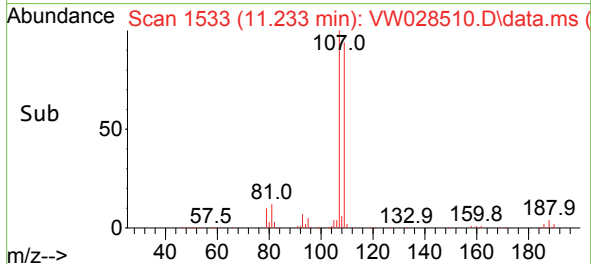
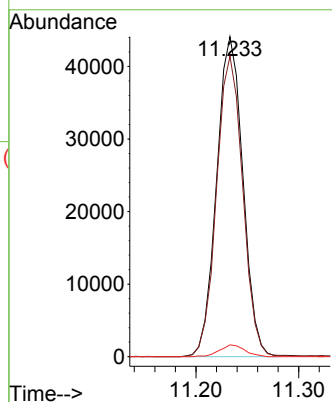
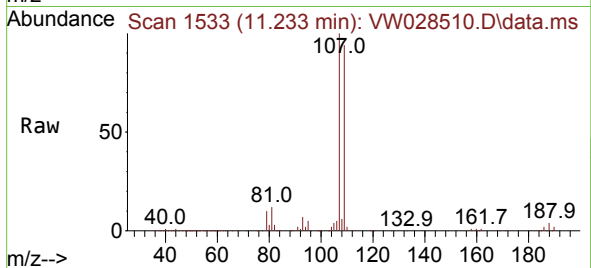




#50
1,2-Dibromoethane
Concen: 27.731 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

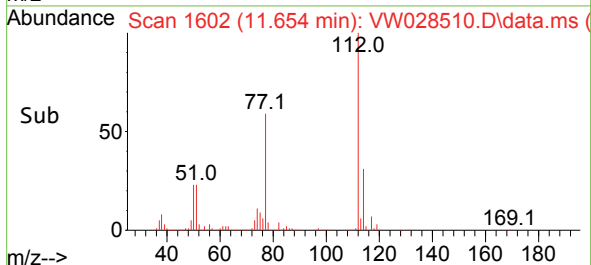
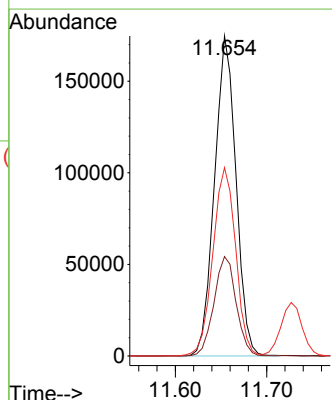
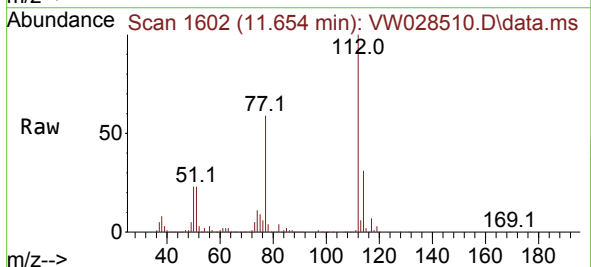
Instrument :
MSVOA_W
ClientSampleId :

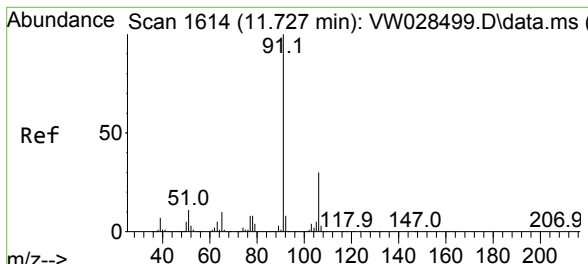
Tgt Ion:107 Resp: 78346
Ion Ratio Lower Upper
107 100
109 93.9 62.1 115.3
188 3.7 3.2 4.8



#51
Chlorobenzene
Concen: 24.690 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

Tgt Ion:112 Resp: 285404
Ion Ratio Lower Upper
112 100
114 31.0 22.3 41.3
77 58.9 51.8 77.8

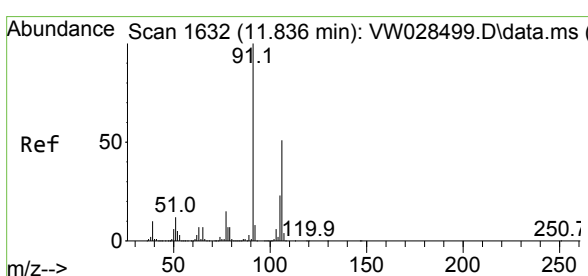
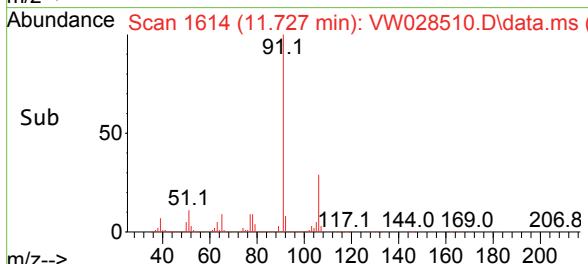
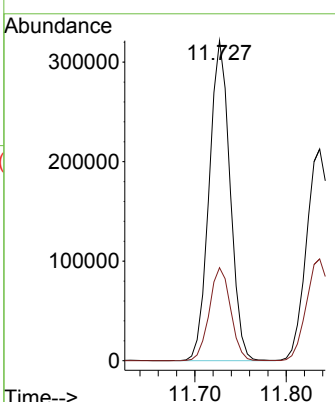
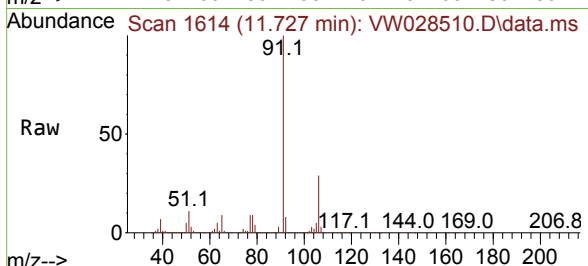




#52
 Ethylbenzene
 Concen: 24.187 ug/L
 RT: 11.727 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: VW028510.D
 Acq: 22 Apr 2024 15:41

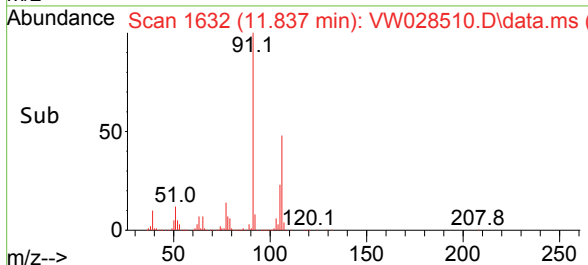
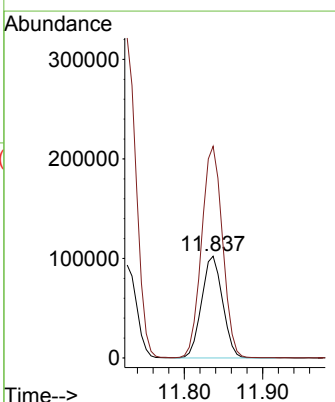
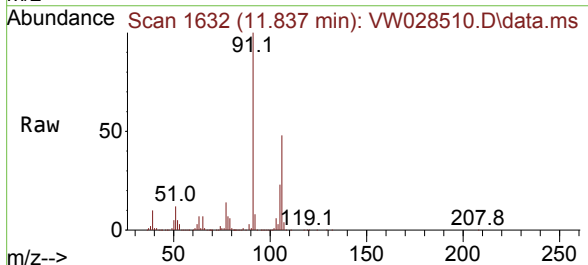
Instrument :
 MSVOA_W
 ClientSampleId :

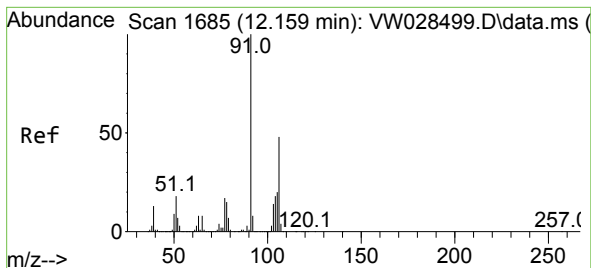
Tgt Ion: 91 Resp: 509903
 Ion Ratio Lower Upper
 91 100
 106 29.0 21.2 39.4



#53
 m,p-Xylene
 Concen: 24.280 ug/L
 RT: 11.837 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VW028510.D
 Acq: 22 Apr 2024 15:41

Tgt Ion:106 Resp: 190345
 Ion Ratio Lower Upper
 106 100
 91 208.1 152.4 283.0





#54

o-Xylene

Concen: 24.565 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028510.D

Acq: 22 Apr 2024 15:41

Instrument :

MSVOA_W

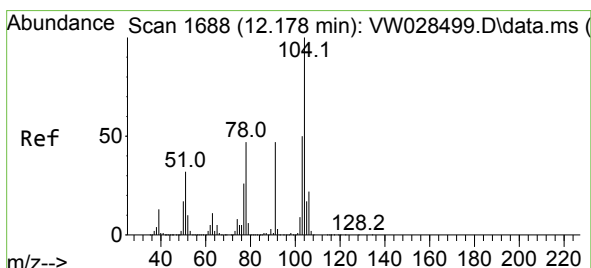
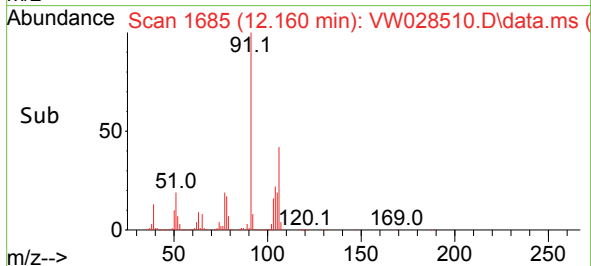
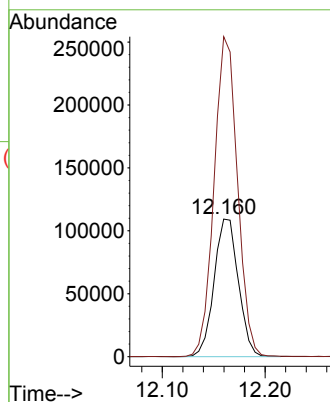
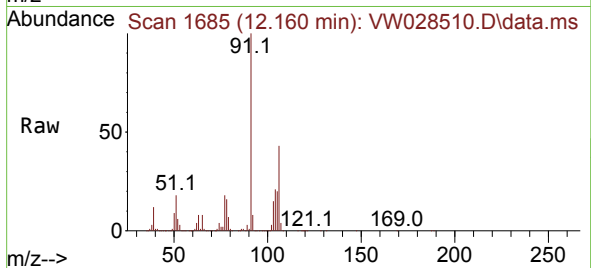
ClientSampleId :

Tgt Ion:106 Resp: 179318

Ion Ratio Lower Upper

106 100

91 232.5 152.9 283.9



#55

Styrene

Concen: 25.457 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028510.D

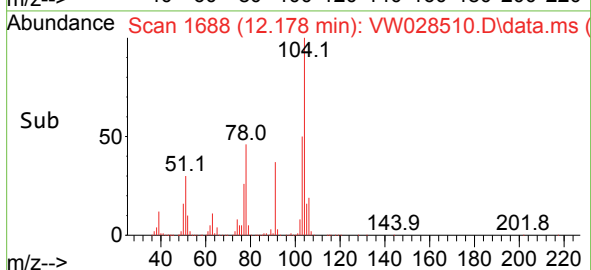
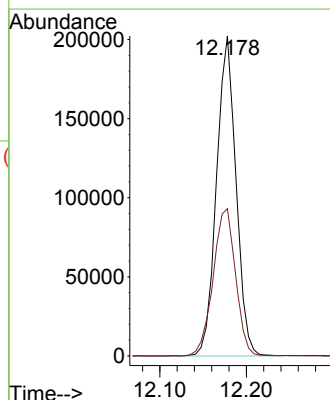
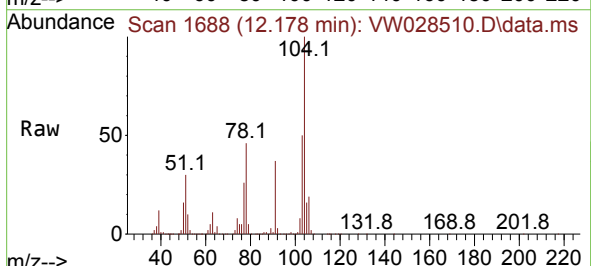
Acq: 22 Apr 2024 15:41

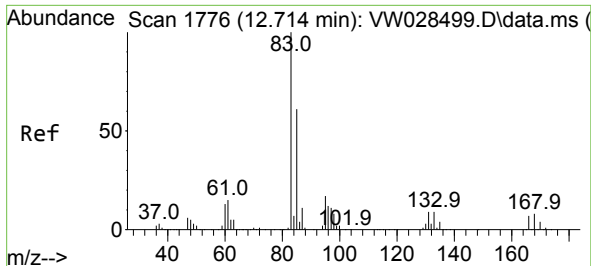
Tgt Ion:104 Resp: 316273

Ion Ratio Lower Upper

104 100

78 46.1 33.8 62.8

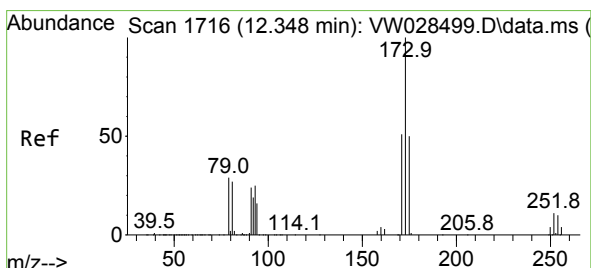
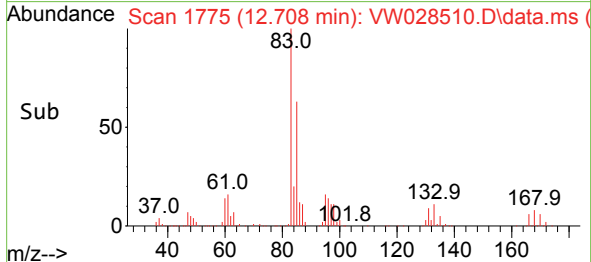
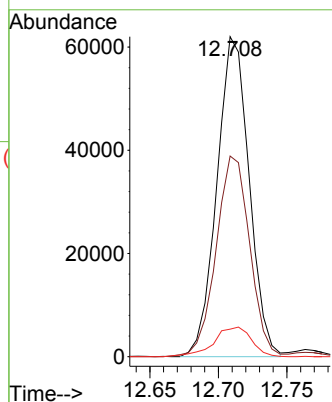
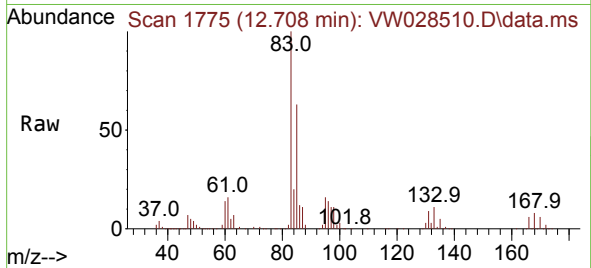




#57
1,1,2,2-Tetrachloroethane
Concen: 29.010 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

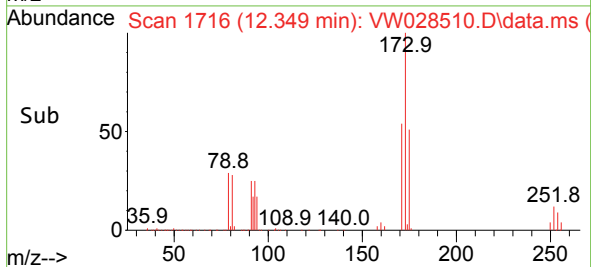
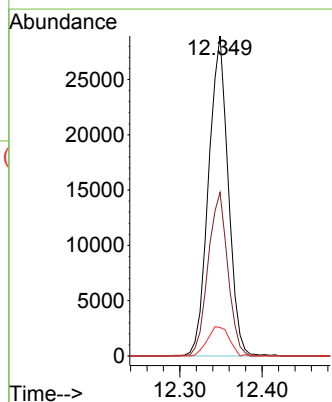
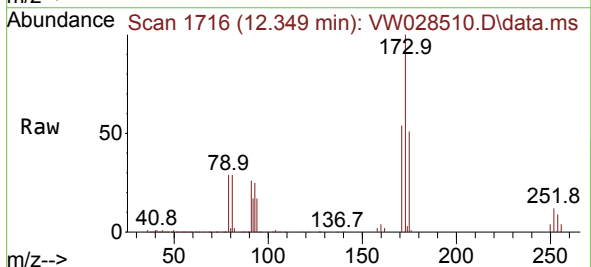
Instrument :
MSVOA_W
ClientSampleId :

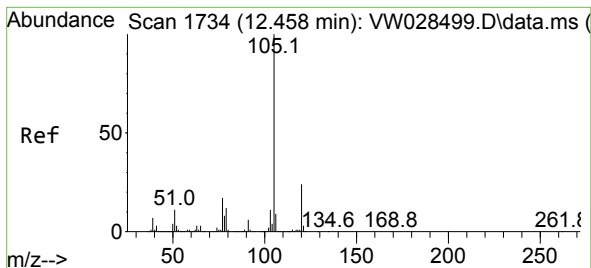
Tgt Ion: 83 Resp: 101623
Ion Ratio Lower Upper
83 100
85 62.7 43.4 80.6
131 8.6 8.0 12.0



#59
Bromoform
Concen: 26.102 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

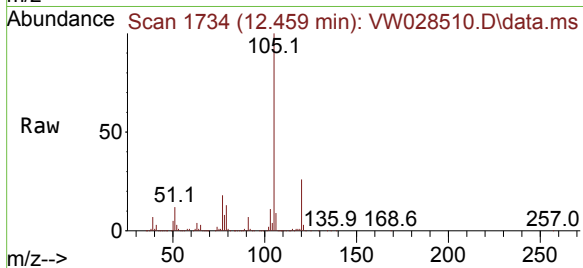
Tgt Ion: 173 Resp: 47973
Ion Ratio Lower Upper
173 100
175 51.2 39.2 58.8
254 10.1 8.3 12.5



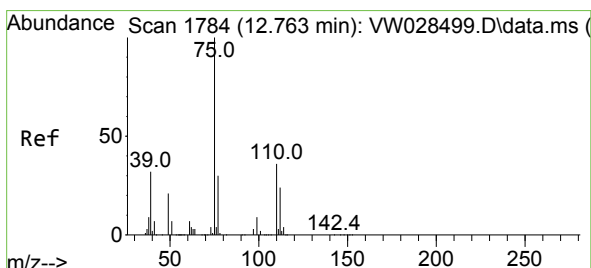
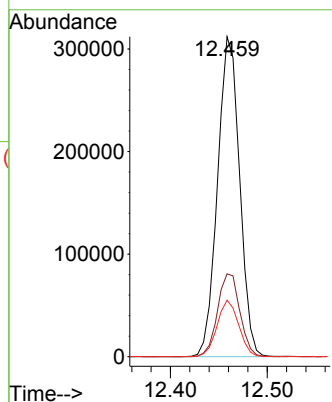
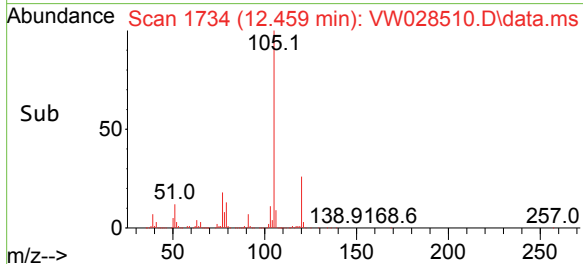


#60
Isopropylbenzene
Concen: 23.631 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

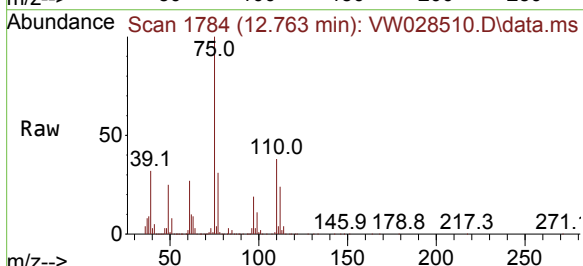
Instrument :
MSVOA_W
ClientSampleId :



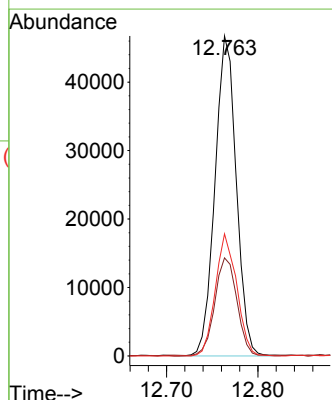
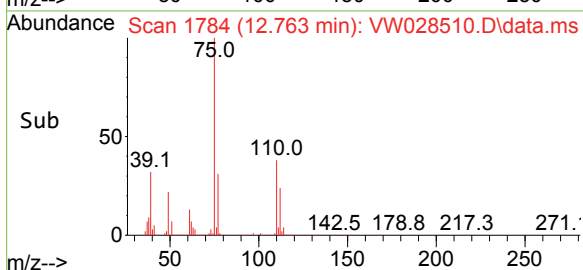
Tgt Ion:105 Resp: 493282
Ion Ratio Lower Upper
105 100
120 26.3 20.8 31.2
77 17.2 13.4 20.2

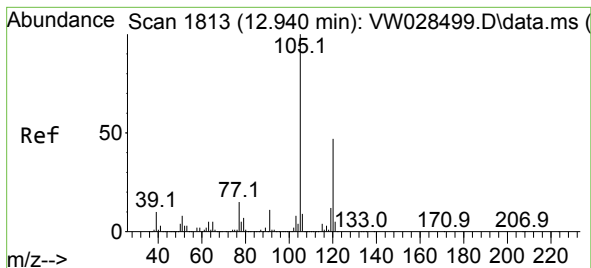


#61
1,2,3-Trichloropropane
Concen: 29.769 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41



Tgt Ion: 75 Resp: 75781
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1
110 38.2 30.6 46.0

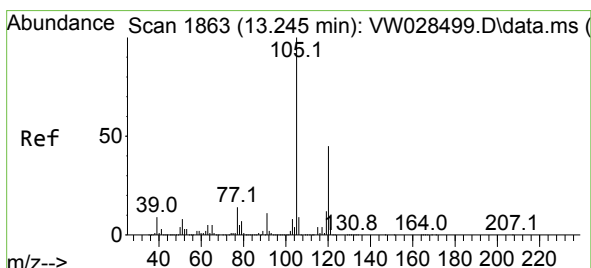
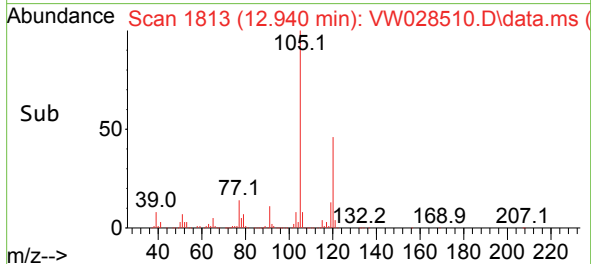
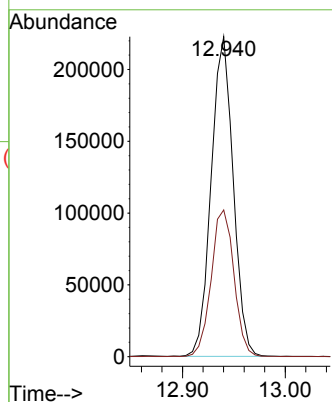
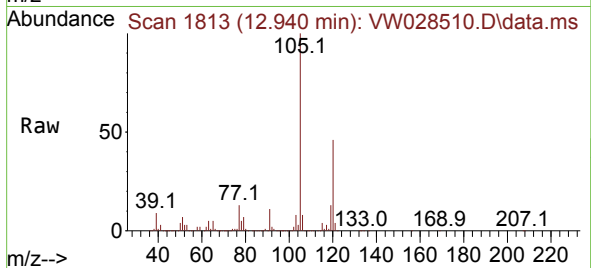




#62
1,3,5-Trimethylbenzene
Concen: 24.847 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

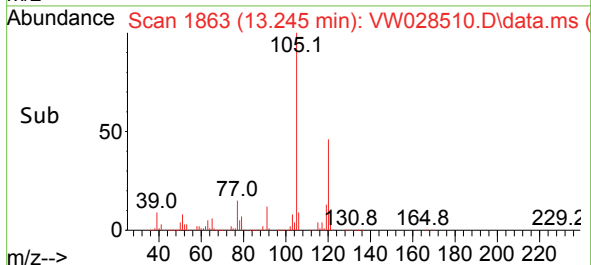
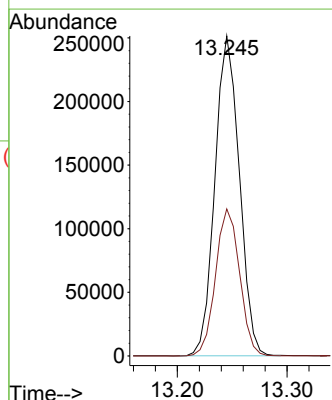
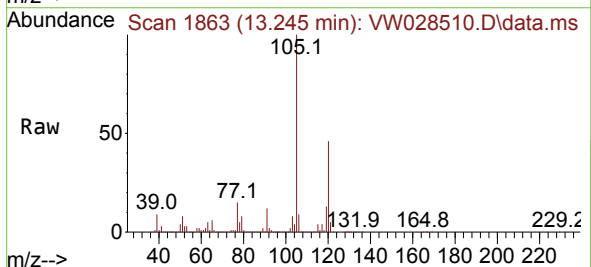
Instrument :
MSVOA_W
ClientSampleId :

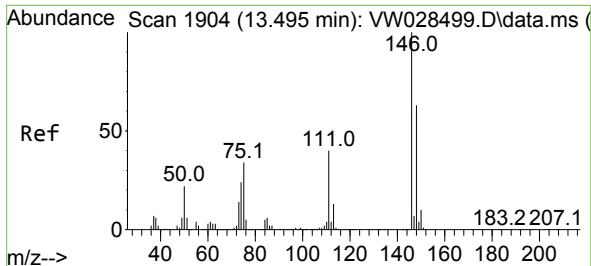
Tgt Ion:105 Resp: 330585
Ion Ratio Lower Upper
105 100
120 47.6 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 24.325 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

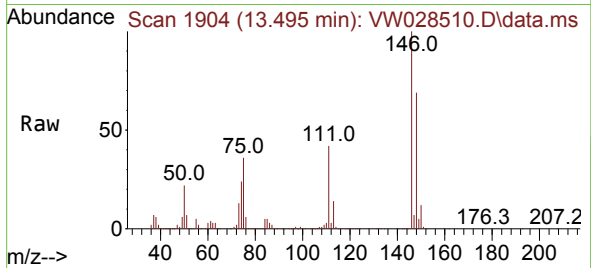
Tgt Ion:105 Resp: 389479
Ion Ratio Lower Upper
105 100
120 45.3 35.4 53.0



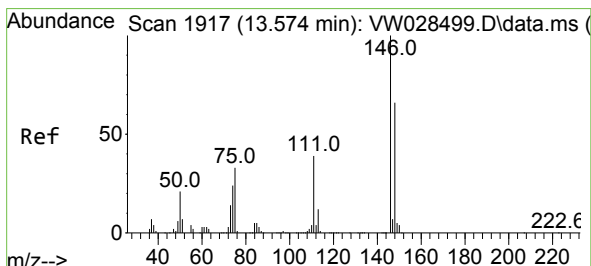
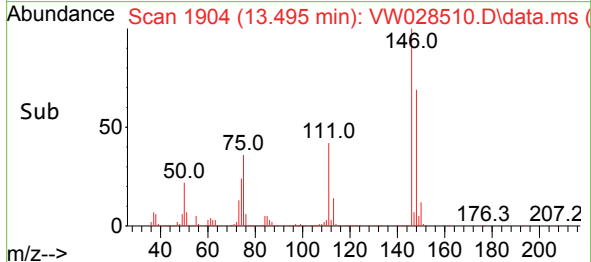
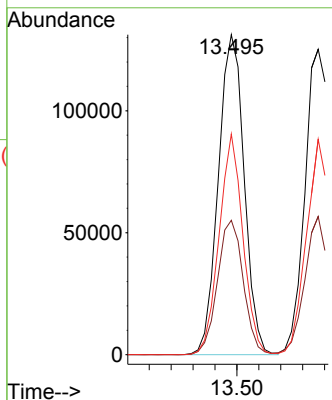


#64
1,3-Dichlorobenzene
Concen: 24.249 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

Instrument :
MSVOA_W
ClientSampleId :

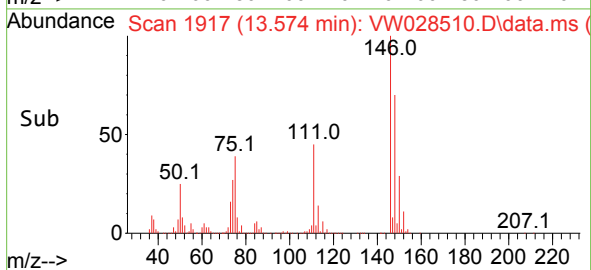
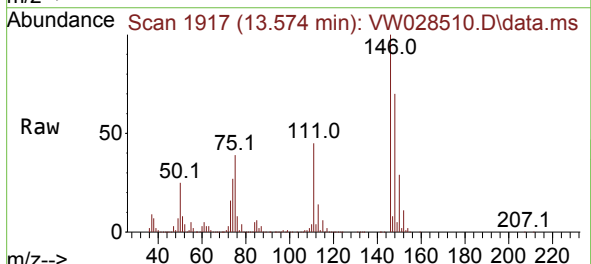
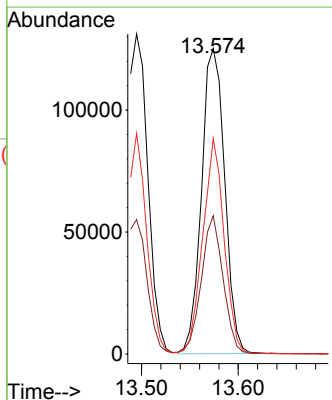


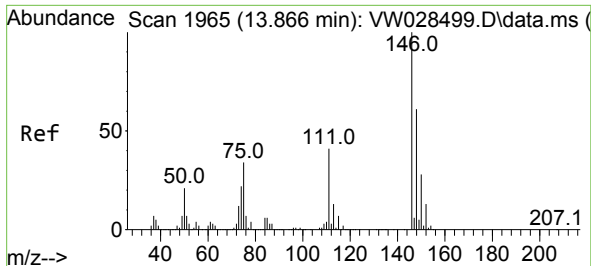
Tgt Ion:146 Resp: 214777
Ion Ratio Lower Upper
146 100
111 42.0 29.8 55.3
148 69.0 47.3 87.8



#65
1,4-Dichlorobenzene
Concen: 23.172 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

Tgt Ion:146 Resp: 208773
Ion Ratio Lower Upper
146 100
111 45.3 30.3 56.3
148 70.5 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 24.812 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

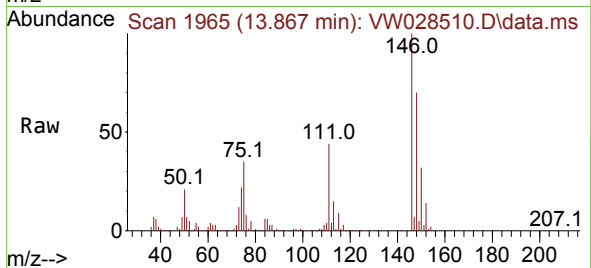
Lab File: VW028510.D

Acq: 22 Apr 2024 15:41

Instrument :

MSVOA_W

ClientSampleId :



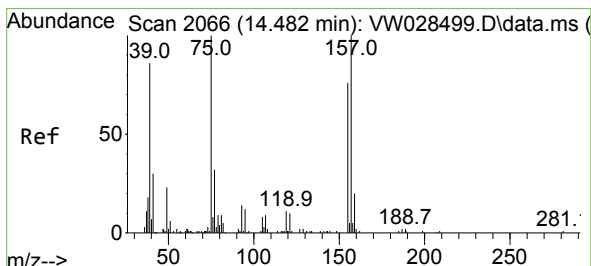
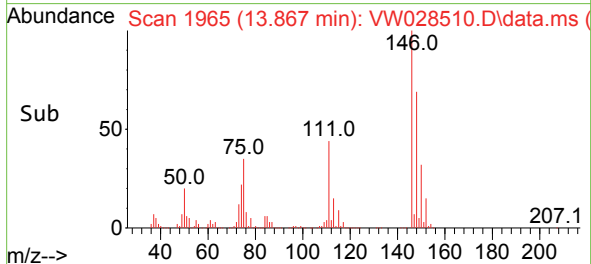
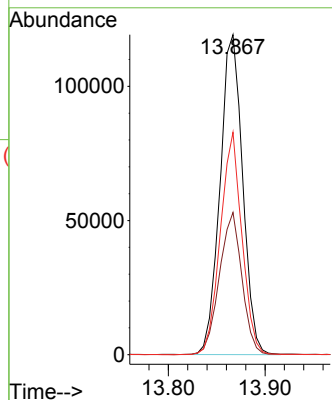
Tgt Ion:146 Resp: 193309

Ion Ratio Lower Upper

146 100

111 44.4 31.4 47.2

148 69.5 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 28.843 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW028510.D

Acq: 22 Apr 2024 15:41

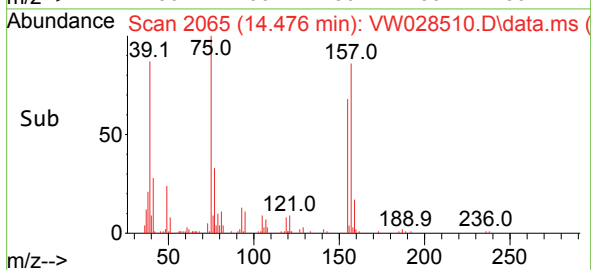
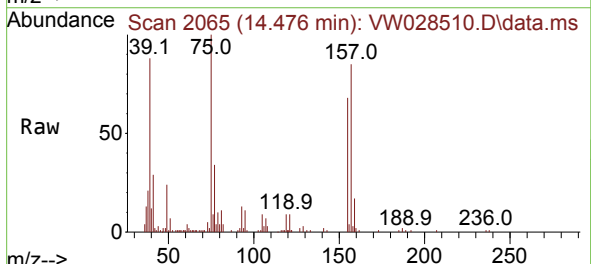
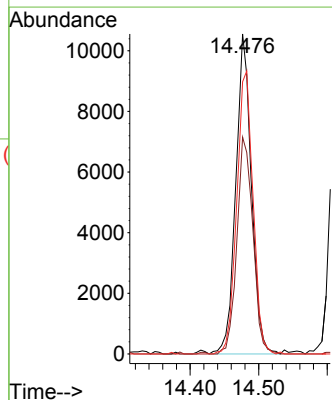
Tgt Ion: 75 Resp: 16825

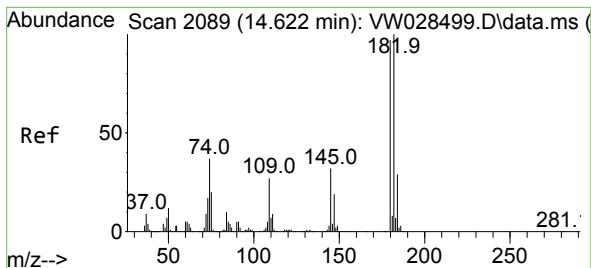
Ion Ratio Lower Upper

75 100

155 67.8 61.2 91.8

157 85.1 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 23.733 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

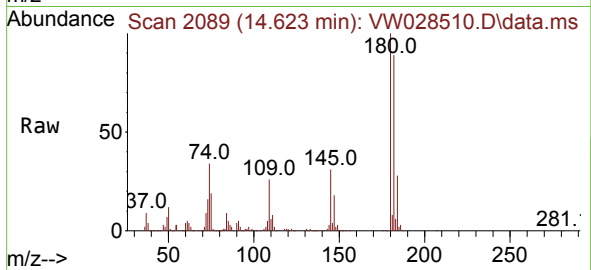
Lab File: VW028510.D

Acq: 22 Apr 2024 15:41

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 144647

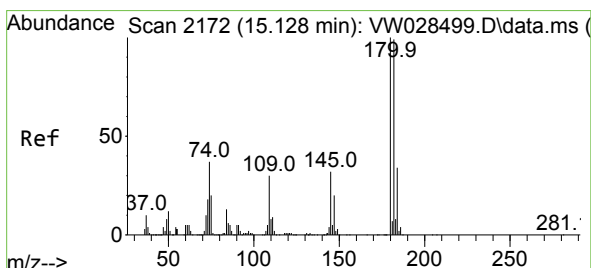
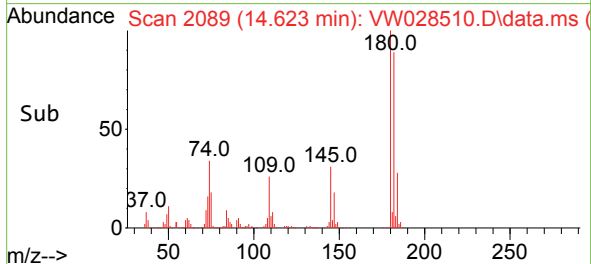
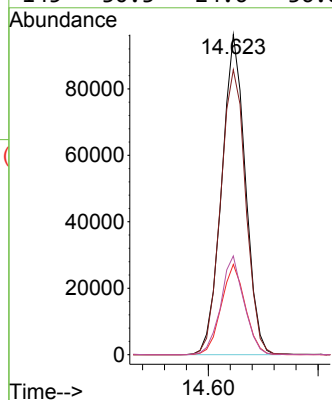
Ion Ratio Lower Upper

180 100

182 94.1 77.4 116.0

184 28.5 24.8 37.2

145 30.3 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 24.613 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028510.D

Acq: 22 Apr 2024 15:41

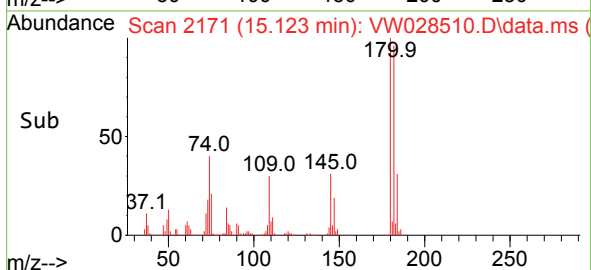
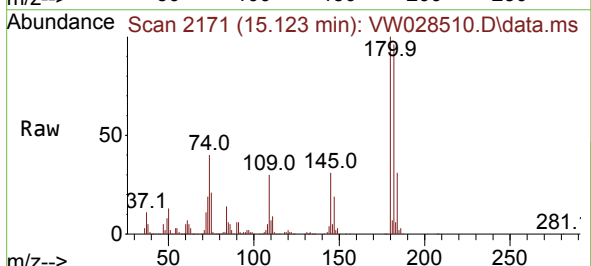
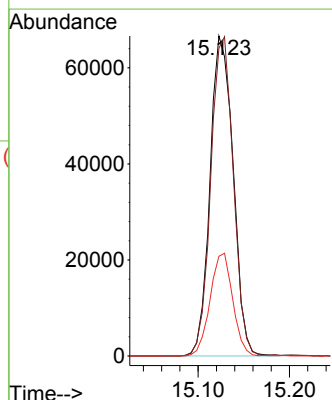
Tgt Ion:180 Resp: 117150

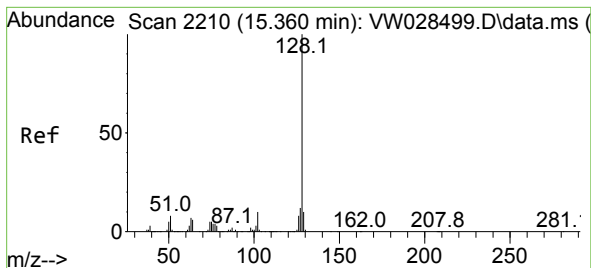
Ion Ratio Lower Upper

180 100

182 97.2 71.5 107.3

145 31.4 23.5 35.3

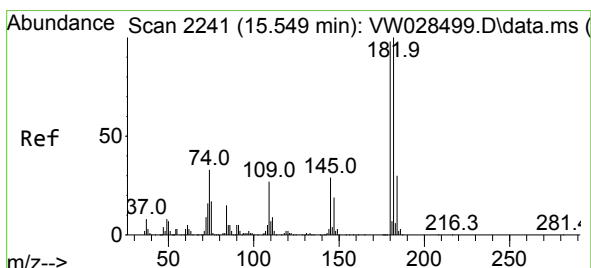
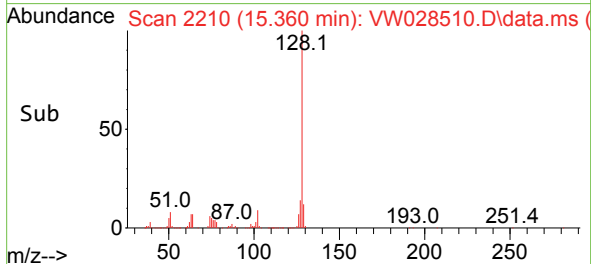
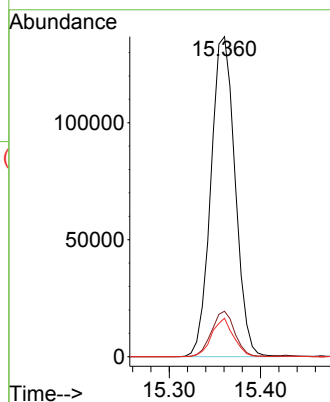
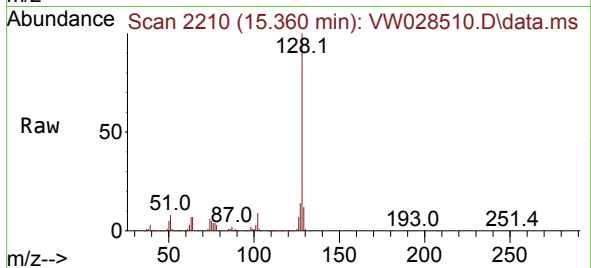




#71
Naphthalene
Concen: 29.959 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 252362
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 25.313 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW028510.D
Acq: 22 Apr 2024 15:41

Tgt Ion:180 Resp: 106909
Ion Ratio Lower Upper
180 100
182 95.1 75.7 113.5
145 33.2 26.2 39.4

