

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040524\
 Data File : VW028347.D
 Acq On : 05 Apr 2024 19:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

Quant Time: Apr 05 23:47:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 05 23:38:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	211699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	198190	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	106737	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	37875	15.291	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.160%
7) Chloroethane-d5	2.899	69	36433	21.053	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	4.021	65	26581	16.922	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.680%
21) 2-Butanone-d5	7.081	46	48013	65.721	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.440%
24) Chloroform-d	7.648	84	159966	25.625	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.520%
26) 1,2-Dichloroethane-d4	8.307	65	85407	24.827	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.320%
32) Benzene-d6	8.276	84	286047	23.640	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.560%
36) 1,2-Dichloropropane-d6	9.270	67	94526	27.146	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.600%
41) Toluene-d8	10.318	98	255042	22.851	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	10.574	79	37371	23.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.520%
47) 2-Hexanone-d5	10.922	63	36944	64.185	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	79290	30.825	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.320%#
66) 1,2-Dichlorobenzene-d4	13.848	152	97254	25.012	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	45702	14.882	ug/L #	77
3) Chloromethane	2.222	50	48347	22.197	ug/L	98
5) Vinyl chloride	2.375	62	57629	23.406	ug/L	98
6) Bromomethane	2.789	94	35653	24.315	ug/L	85
8) Chloroethane	2.936	64	34359	25.963	ug/L	97
9) Trichlorofluoromethane	3.271	101	68150	22.894	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	70006	23.673	ug/L	95
12) 1,1-Dichloroethene	4.045	96	66032	24.155	ug/L	90
13) Acetone	4.130	43	31499	38.832	ug/L	99
14) Carbon disulfide	4.393	76	177078	20.768	ug/L	98
15) Methyl Acetate	4.673	43	33382	26.717	ug/L	96
16) Methylene chloride	4.923	84	84043	26.084	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	71799	24.714	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	113722	25.945	ug/L	98
19) 1,1-Dichloroethane	6.215	63	150859	26.822	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	84025	26.780	ug/L	100
22) 2-Butanone	7.173	43	43912	47.680	ug/L	100
23) Bromochloromethane	7.514	128	36326	26.188	ug/L	84
25) Chloroform	7.679	83	152553	26.347	ug/L	100

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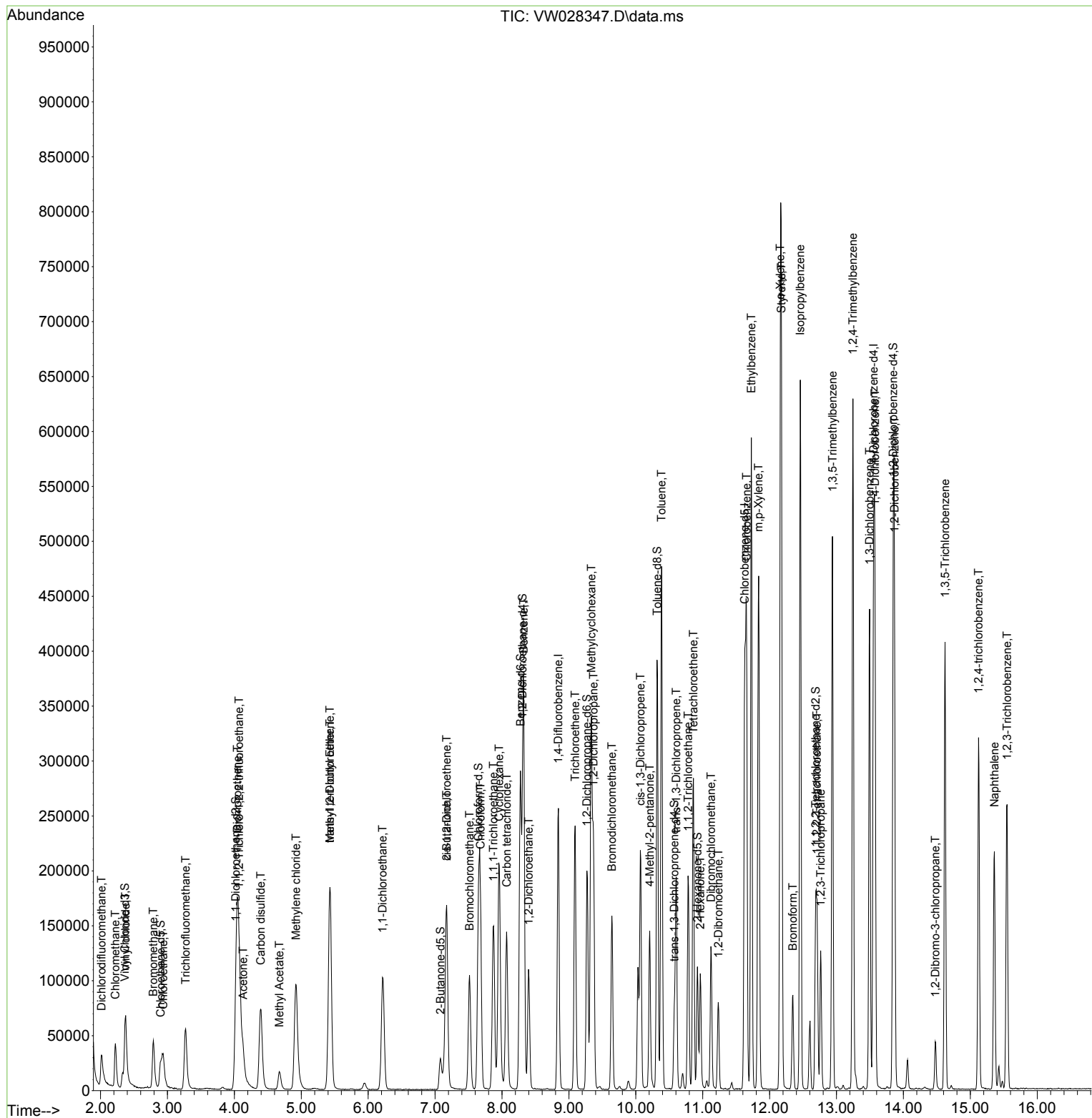
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	99060	24.226	ug/L #	95
29) Cyclohexane	7.959	56	120165	23.245	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	125119	24.084	ug/L	99
31) Carbon tetrachloride	8.069	117	109618	22.494	ug/L	98
33) Benzene	8.325	78	315110	25.838	ug/L	100
34) Trichloroethene	9.093	95	85082	25.006	ug/L	95
35) Methylcyclohexane	9.337	83	135919	23.633	ug/L	99
37) 1,2-Dichloropropane	9.367	63	86267	27.655	ug/L	99
38) Bromodichloromethane	9.642	83	106625	25.352	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	128477	25.718	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	94518	54.893	ug/L	99
42) Toluene	10.385	91	340247	25.563	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	107243	25.427	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	62066	27.538	ug/L	97
46) Tetrachloroethene	10.861	164	63153	23.026	ug/L	96
48) 2-Hexanone	10.965	43	66076	48.989	ug/L	99
49) Dibromochloromethane	11.123	129	66590	24.947	ug/L	91
50) 1,2-Dibromoethane	11.233	107	54390	25.238	ug/L	97
51) Chlorobenzene	11.654	112	216480	25.624	ug/L	98
52) Ethylbenzene	11.727	91	397354	25.573	ug/L	99
53) m,p-Xylene	11.836	106	149224	25.521	ug/L	89
54) o-Xylene	12.160	106	142426	26.267	ug/L	98
55) Styrene	12.178	104	251007	26.950	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	70167	27.218	ug/L #	98
59) Bromoform	12.349	173	39545	24.725	ug/L	96
60) Isopropylbenzene	12.458	105	402426	25.376	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	51673	25.366	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	261602	24.585	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	328417	25.561	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	171787	24.281	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	173444	24.516	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	160119	26.281	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	10994	22.975	ug/L	85
69) 1,3,5-Trichlorobenzene	14.623	180	123548	25.070	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	100553	24.018	ug/L	99
71) Naphthalene	15.360	128	182962	25.461	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	88931	25.767	ug/L	99

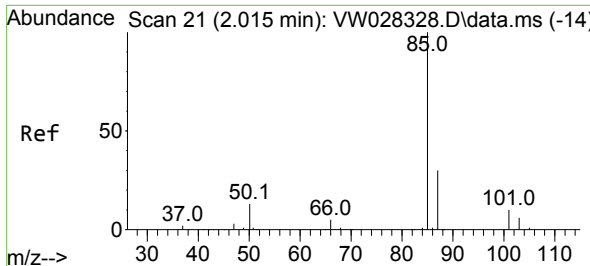
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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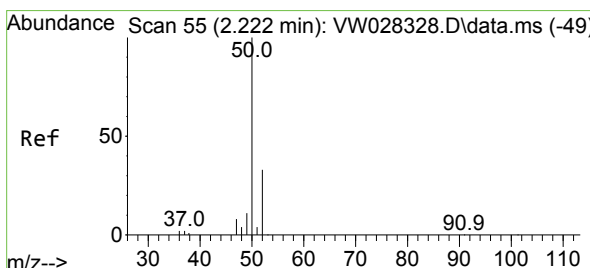
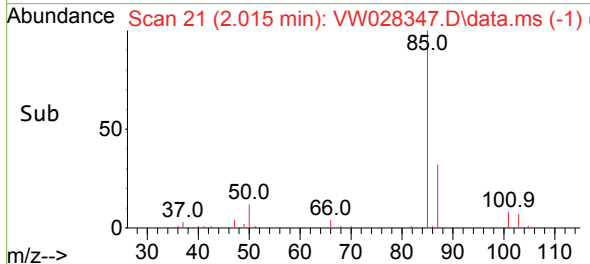
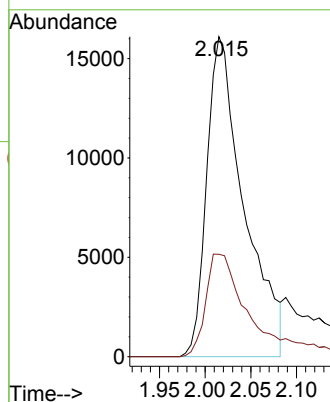
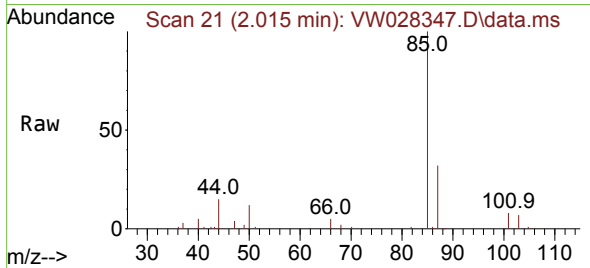




#2
 Dichlorodifluoromethane
 Concen: 14.882 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028347.D
 Acq: 05 Apr 2024 19:41

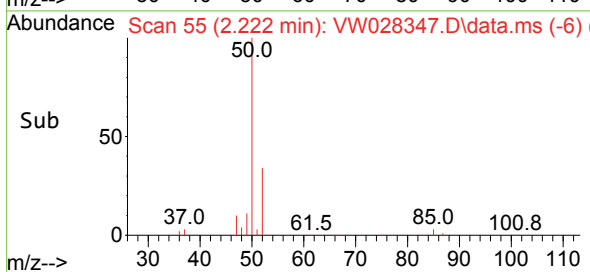
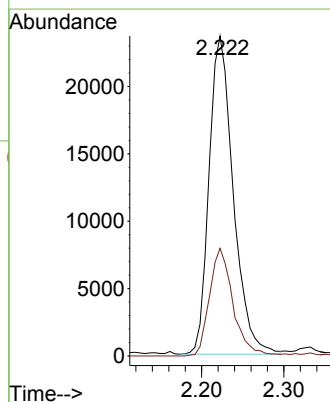
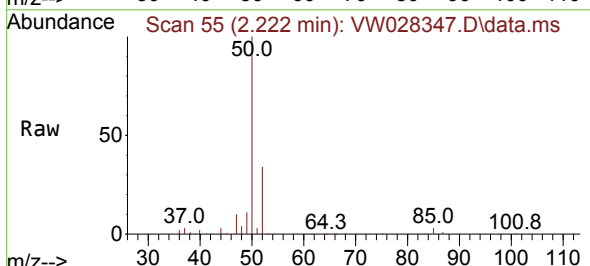
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

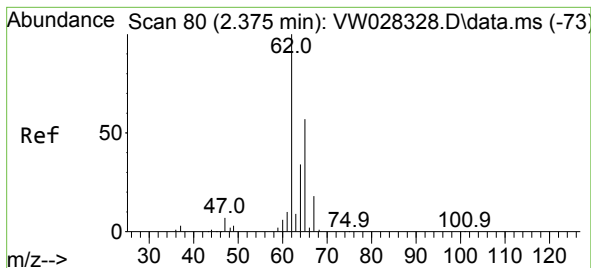
Tgt Ion: 85 Resp: 45702
 Ion Ratio Lower Upper
 85 100
 87 38.0 20.9 31.3#



#3
 Chloromethane
 Concen: 22.197 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028347.D
 Acq: 05 Apr 2024 19:41

Tgt Ion: 50 Resp: 48347
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.7 42.1





#5

Vinyl chloride

Concen: 23.406 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Instrument :

MSVOA_W

ClientSampleId :

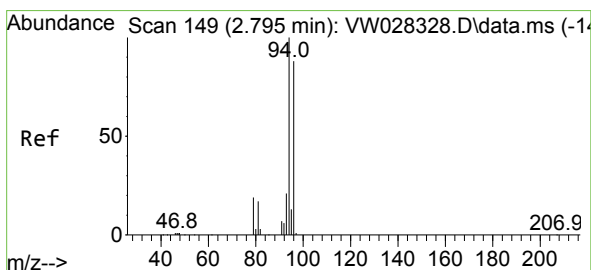
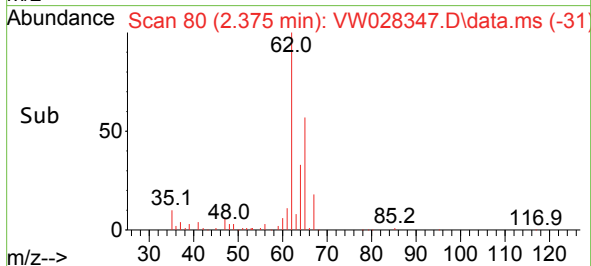
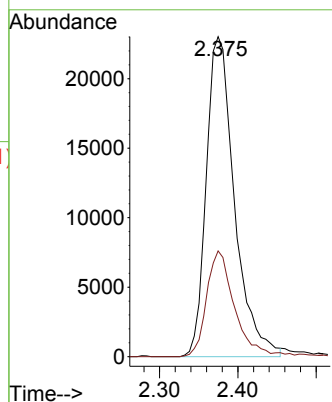
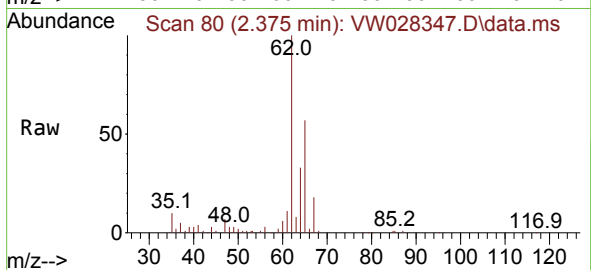
VSTD025540

Tgt Ion: 62 Resp: 57629

Ion Ratio Lower Upper

62 100

64 33.0 22.5 41.7



#6

Bromomethane

Concen: 24.315 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW028347.D

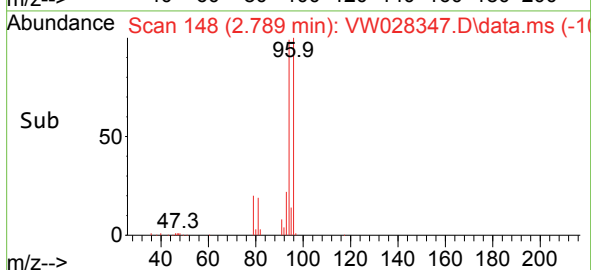
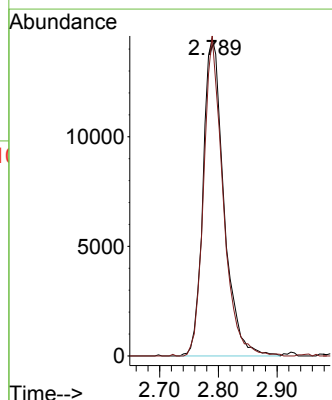
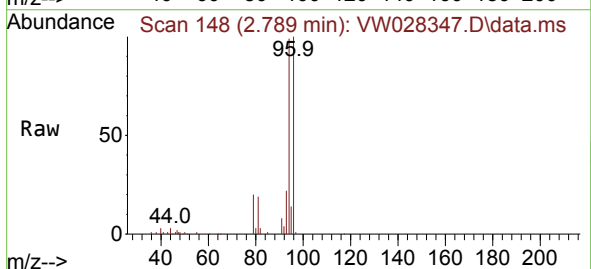
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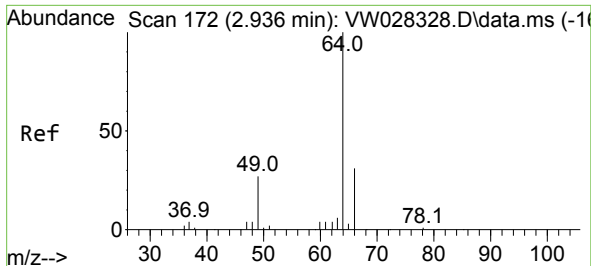
Tgt Ion: 94 Resp: 35653

Ion Ratio Lower Upper

94 100

96 100.7 60.8 113.0

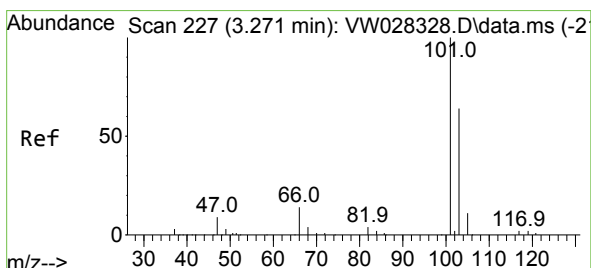
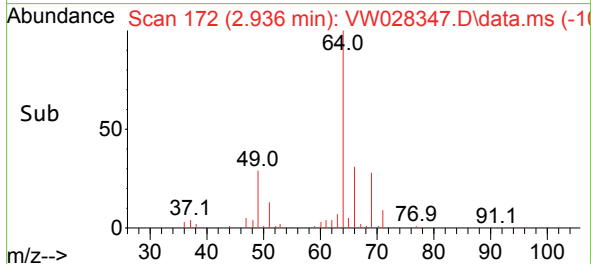
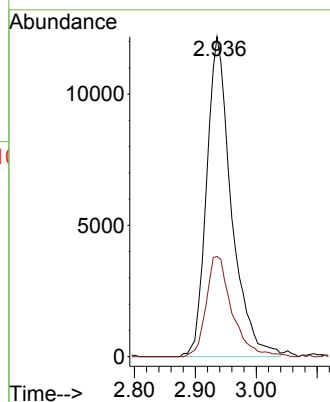
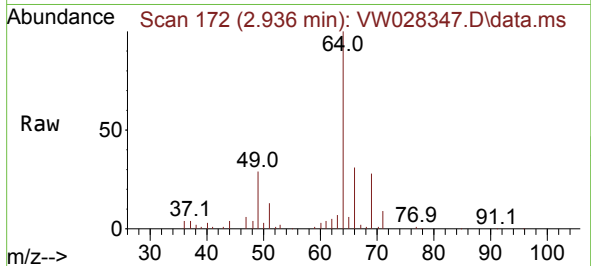




#8
Chloroethane
Concen: 25.963 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

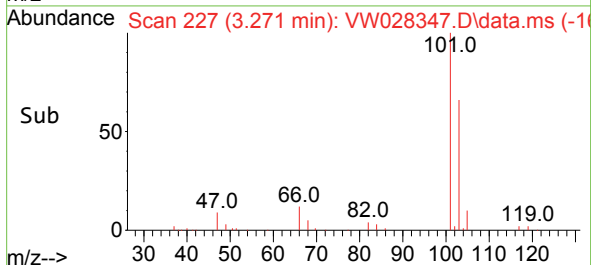
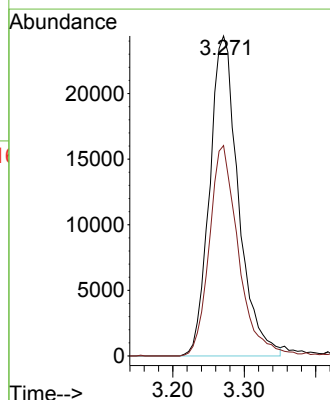
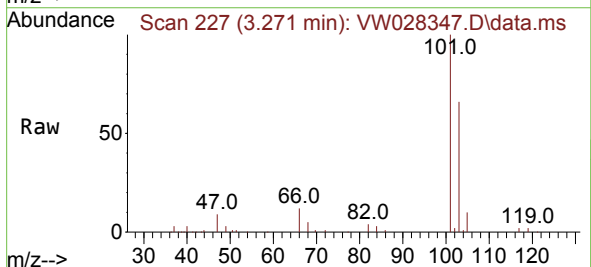
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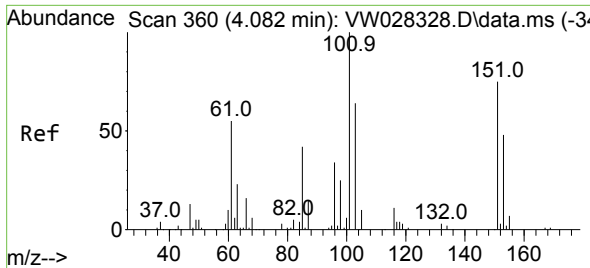
Tgt Ion: 64 Resp: 34359
Ion Ratio Lower Upper
64 100
66 31.3 22.9 42.5



#9
Trichlorofluoromethane
Concen: 22.894 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

Tgt Ion:101 Resp: 68150
Ion Ratio Lower Upper
101 100
103 66.5 50.9 76.3

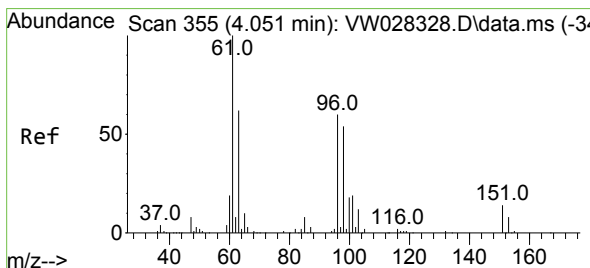
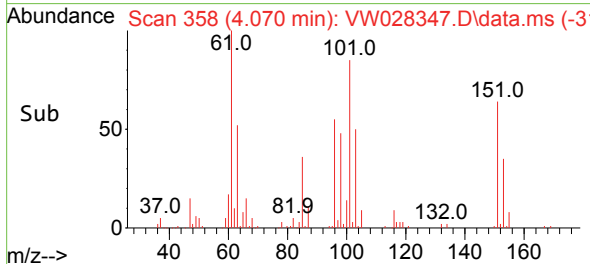
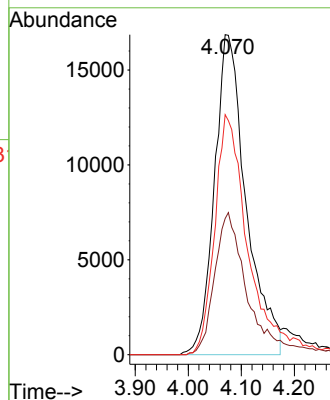
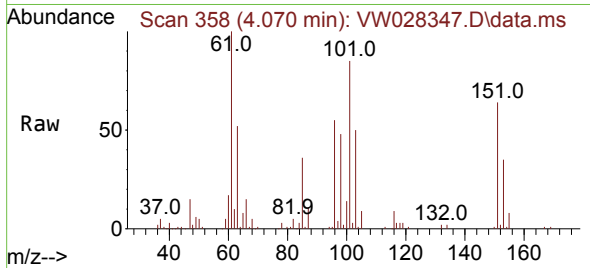




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.673 ug/L
RT: 4.070 min Scan# 310
Delta R.T. -0.012 min
Lab File: VW028347.D
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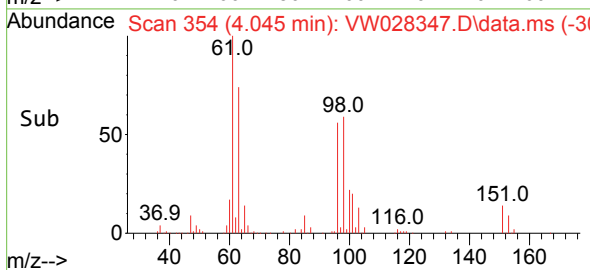
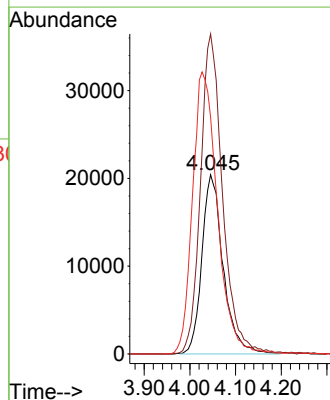
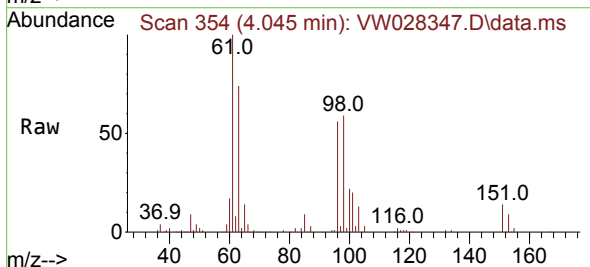
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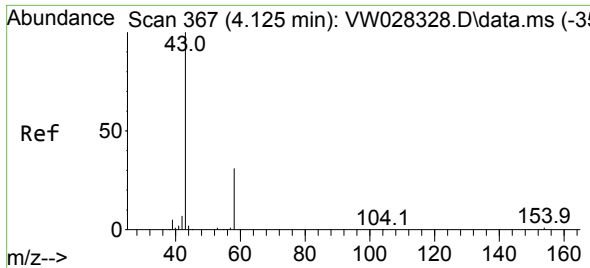
Tgt Ion:101 Resp: 70006
Ion Ratio Lower Upper
101 100
85 41.2 36.4 54.6
151 76.6 58.4 87.6



#12
1,1-Dichloroethene
Concen: 24.155 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

Tgt Ion: 96 Resp: 66032
Ion Ratio Lower Upper
96 100
61 178.5 132.2 245.4
63 132.1 104.6 194.2





#13

Acetone

Concen: 38.832 ug/L

RT: 4.130 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Instrument :

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ClientSampleId :

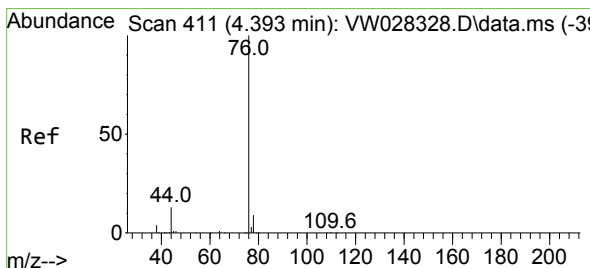
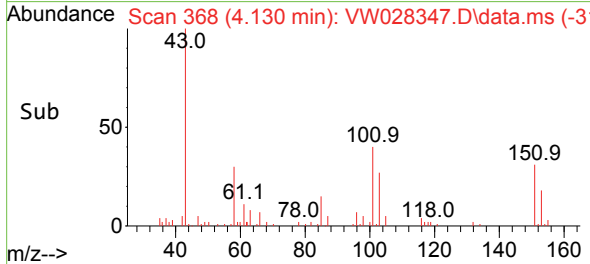
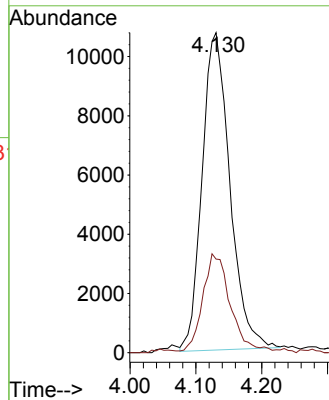
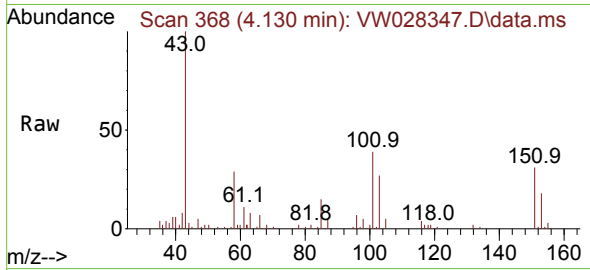
VSTD025540

Tgt Ion: 43 Resp: 31499

Ion Ratio Lower Upper

43 100

58 29.4 0.0 57.8



#14

Carbon disulfide

Concen: 20.768 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

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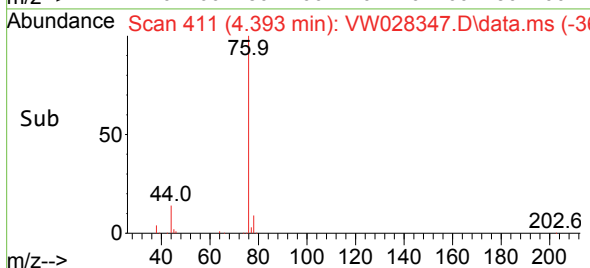
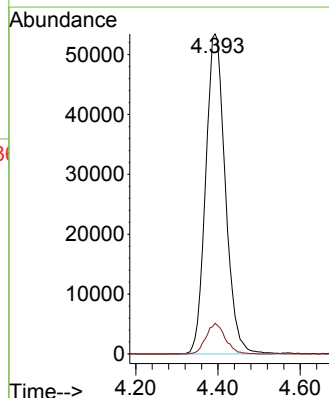
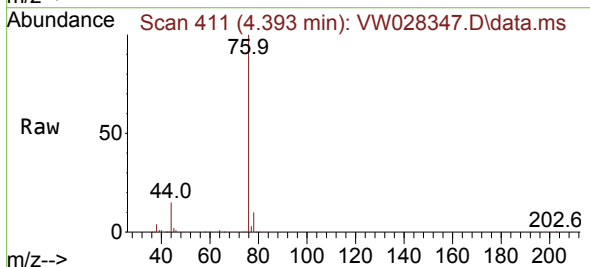
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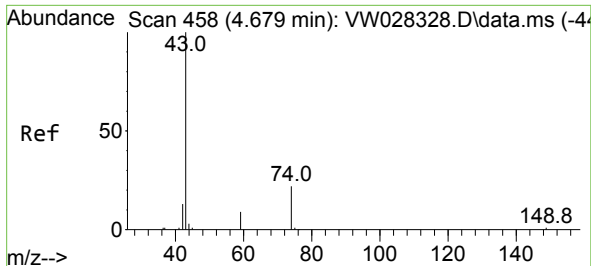
Tgt Ion: 76 Resp: 177078

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7

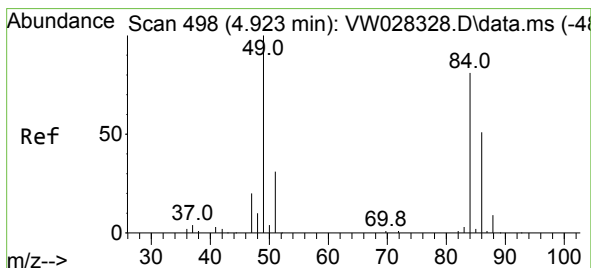
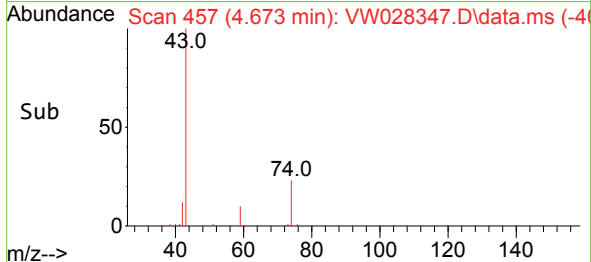
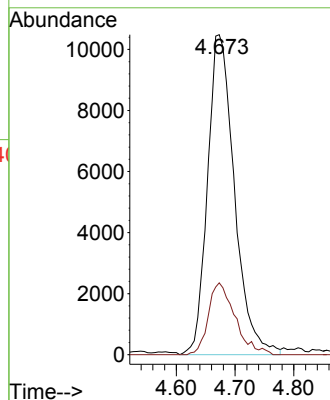
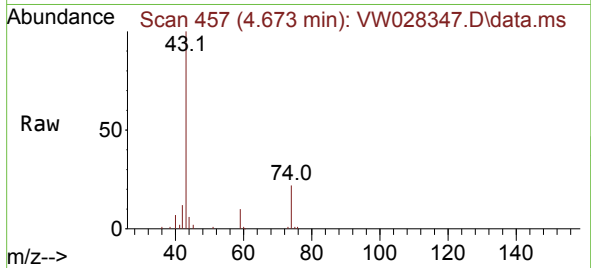




#15
Methyl Acetate
Concen: 26.717 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.006 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

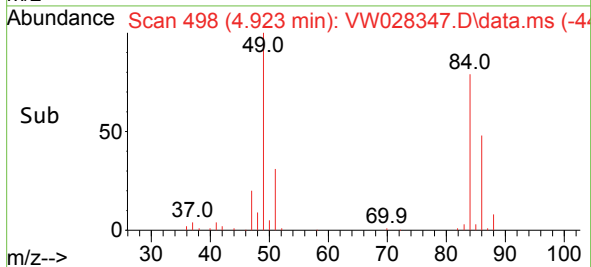
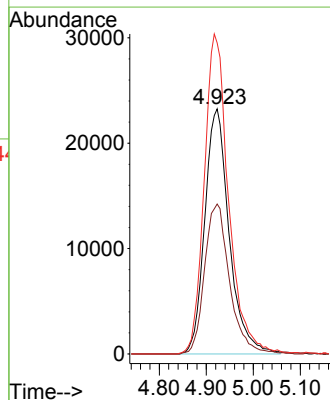
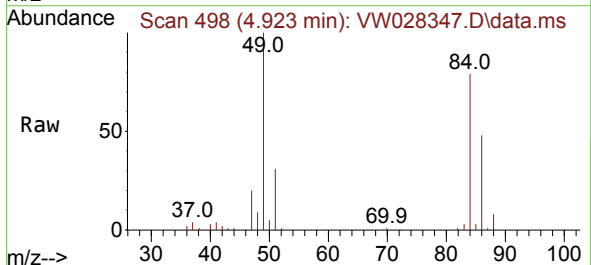
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

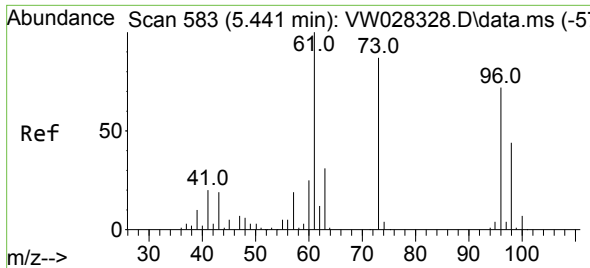
Tgt Ion: 43 Resp: 33382
Ion Ratio Lower Upper
43 100
74 21.0 18.2 27.2



#16
Methylene chloride
Concen: 26.084 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

Tgt Ion: 84 Resp: 84043
Ion Ratio Lower Upper
84 100
86 61.2 43.1 80.1
49 126.9 89.4 166.0

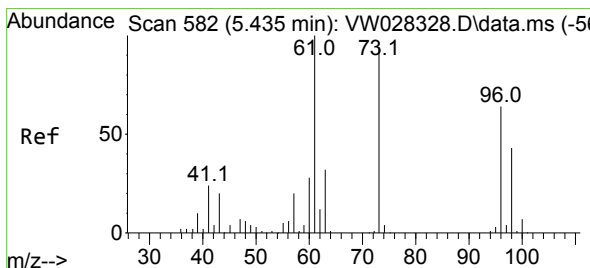
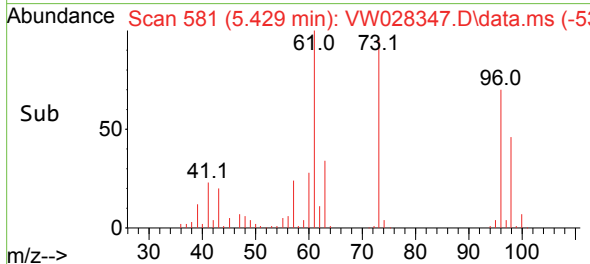
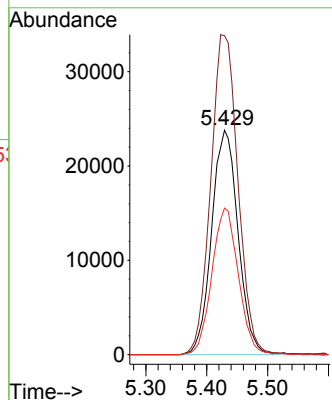
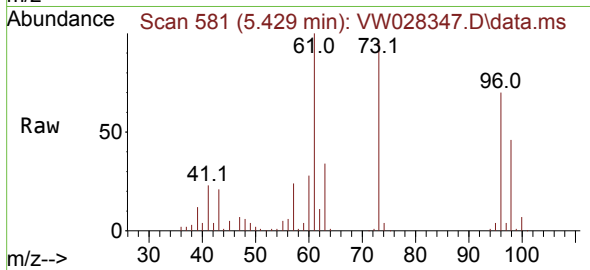




#17
trans-1,2-Dichloroethene
Concen: 24.714 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.012 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

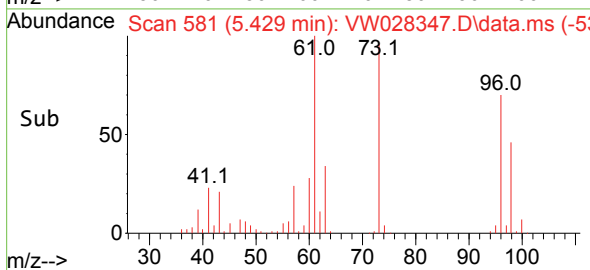
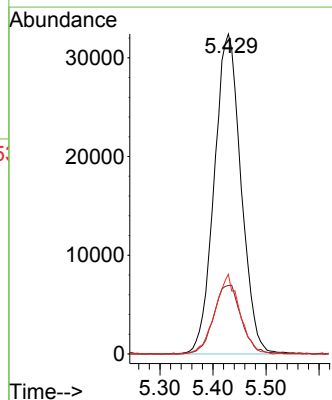
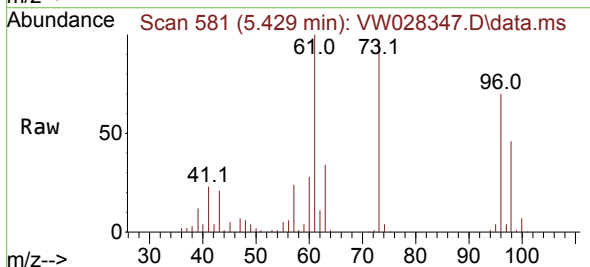
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

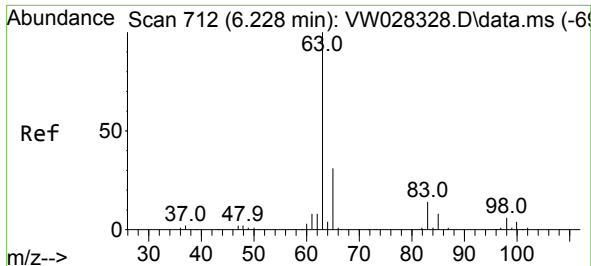
Tgt Ion: 96 Resp: 71799
Ion Ratio Lower Upper
96 100
61 142.1 98.4 182.8
98 65.3 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 25.945 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

Tgt Ion: 73 Resp: 113722
Ion Ratio Lower Upper
73 100
43 21.8 18.2 27.4
57 23.0 17.4 26.2





#19

1,1-Dichloroethane

Concen: 26.822 ug/L

RT: 6.215 min Scan# 712

Delta R.T. -0.012 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

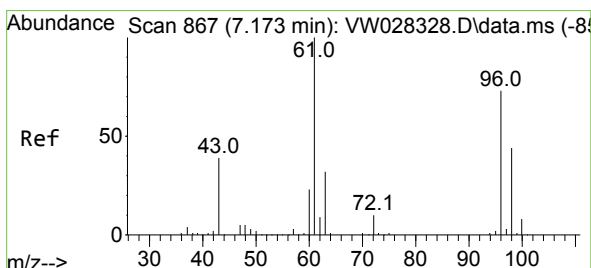
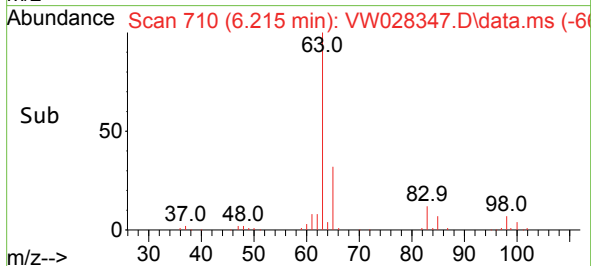
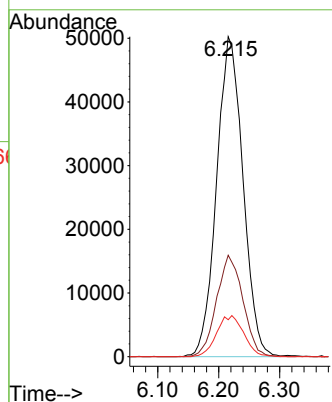
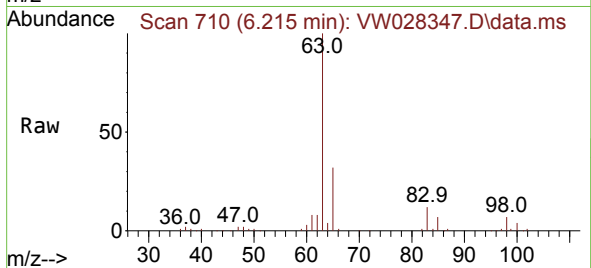
Tgt Ion: 63 Resp: 150859

Ion Ratio Lower Upper

63 100

65 31.7 22.1 41.1

83 11.6 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 26.780 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

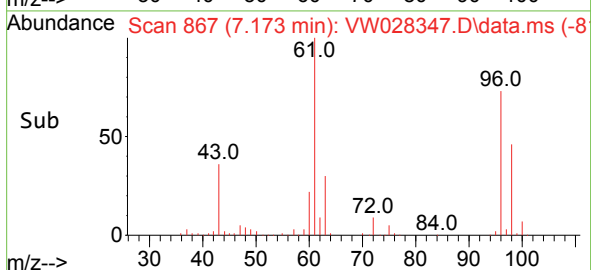
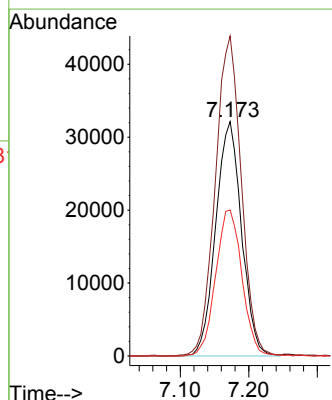
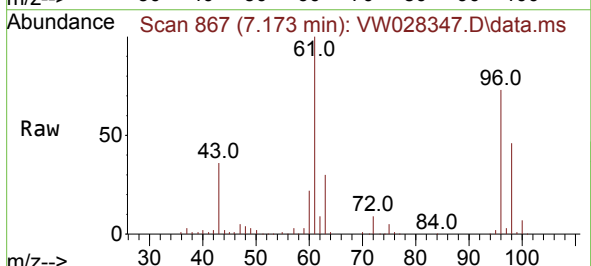
Tgt Ion: 96 Resp: 84025

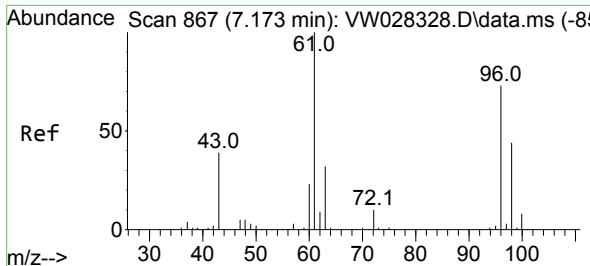
Ion Ratio Lower Upper

96 100

61 136.5 95.7 177.7

98 62.3 43.9 81.5

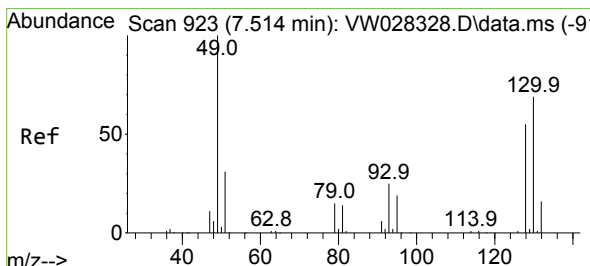
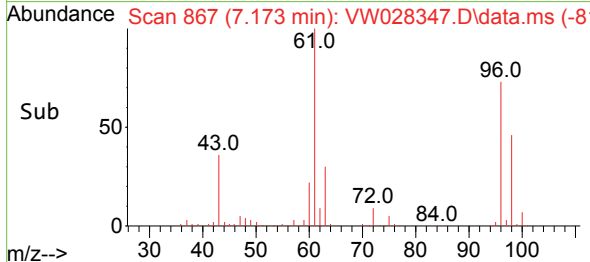
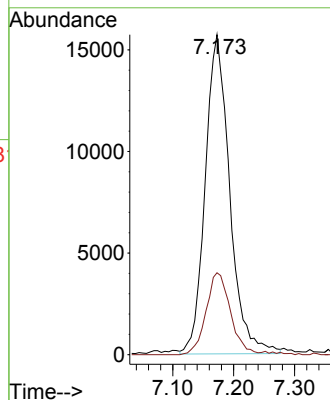
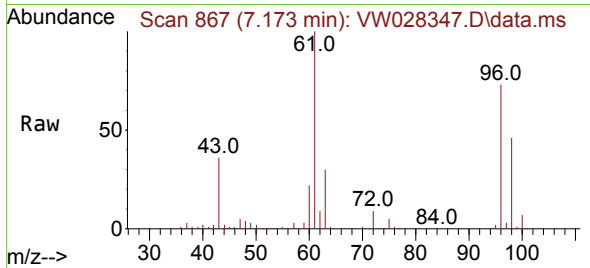




#22
2-Butanone
Concen: 47.680 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

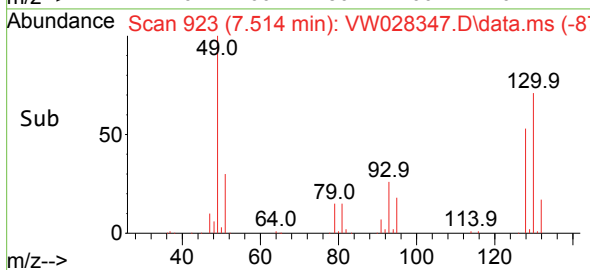
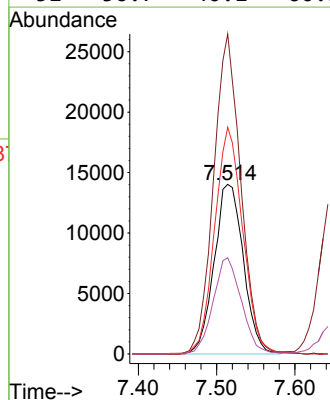
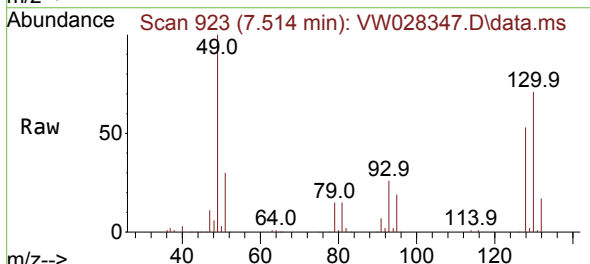
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

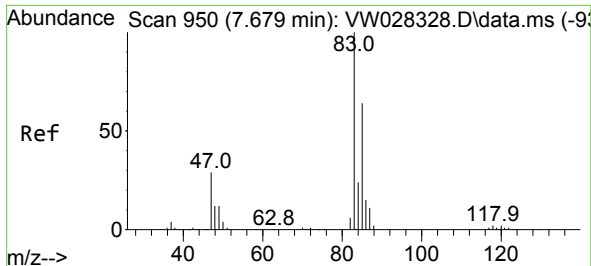
Tgt Ion: 43 Resp: 43912
Ion Ratio Lower Upper
43 100
72 25.4 12.8 38.4



#23
Bromochloromethane
Concen: 26.188 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

Tgt Ion: 128 Resp: 36326
Ion Ratio Lower Upper
128 100
49 188.7 116.6 216.6
130 133.6 80.1 148.7
51 56.7 40.1 60.1

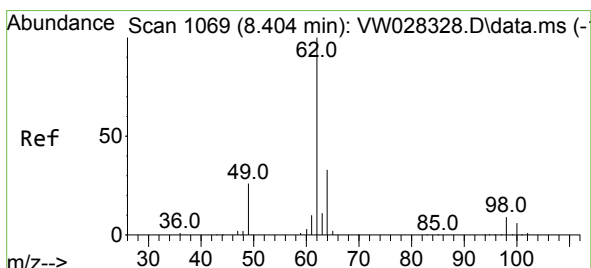
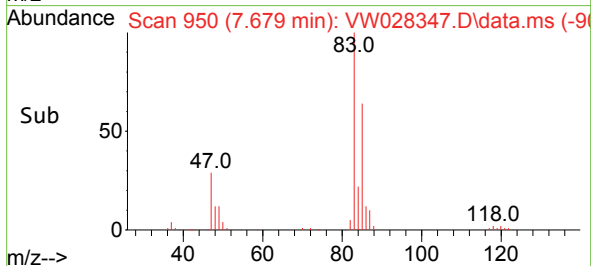
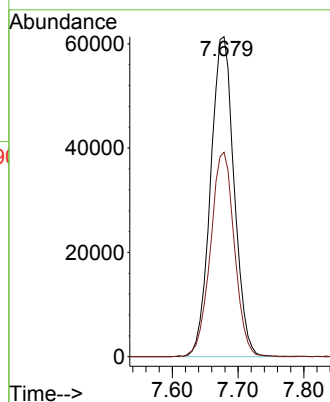
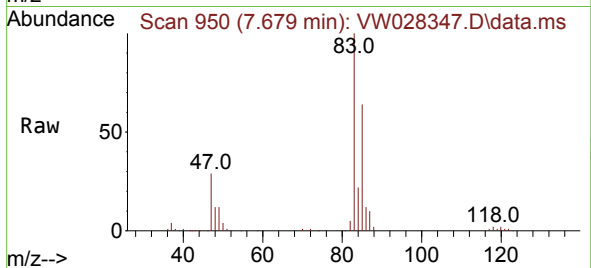




#25
Chloroform
Concen: 26.347 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

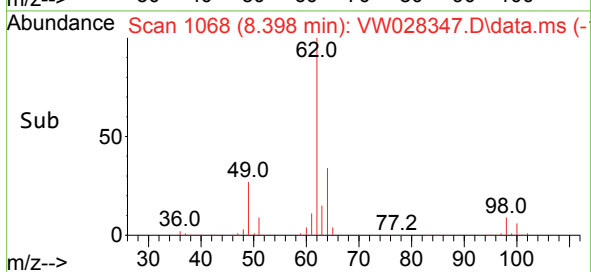
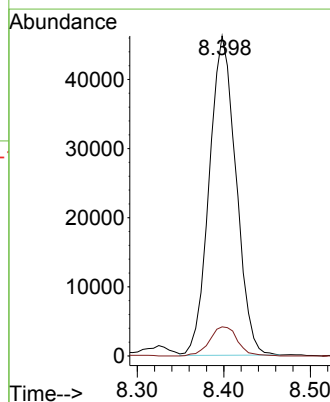
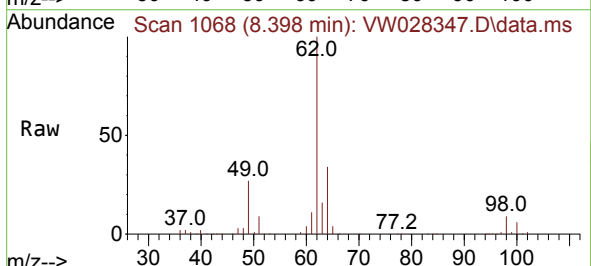
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

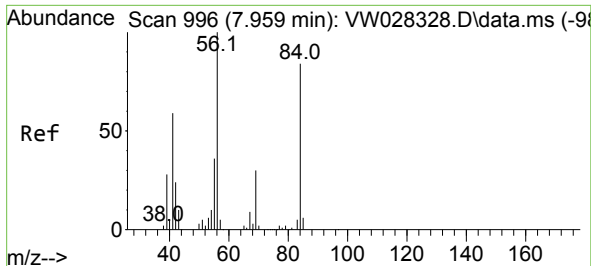
Tgt Ion: 83 Resp: 152553
Ion Ratio Lower Upper
83 100
85 63.9 44.5 82.7



#27
1,2-Dichloroethane
Concen: 24.226 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

Tgt Ion: 62 Resp: 99060
Ion Ratio Lower Upper
62 100
98 9.1 5.9 8.9#





#29

Cyclohexane

Concen: 23.245 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

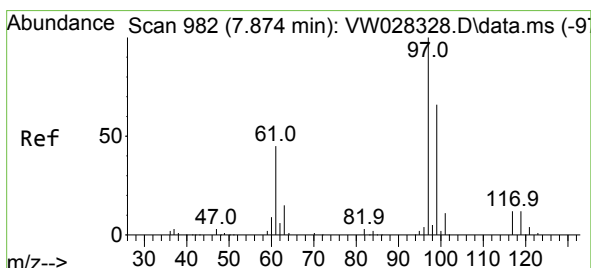
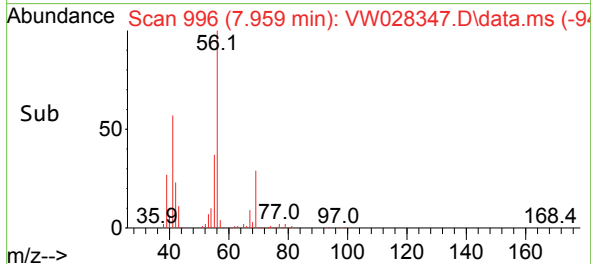
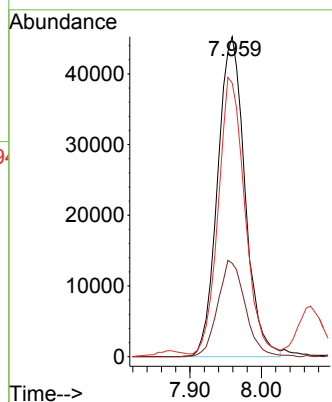
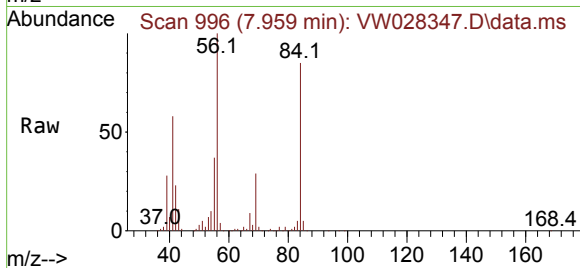
Tgt Ion: 56 Resp: 120165

Ion Ratio Lower Upper

56 100

69 30.2 24.0 36.0

84 85.6 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 24.084 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

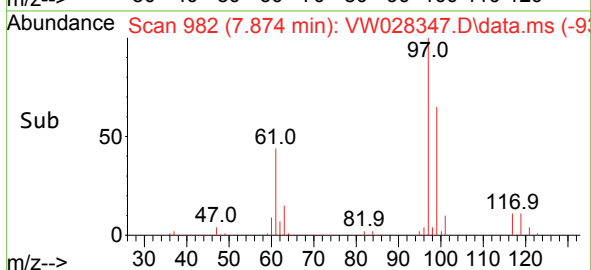
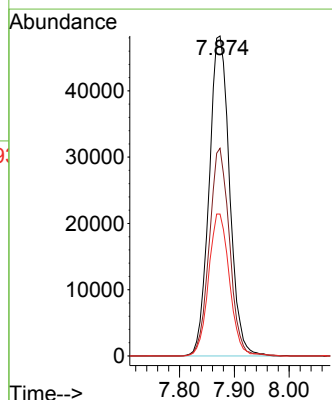
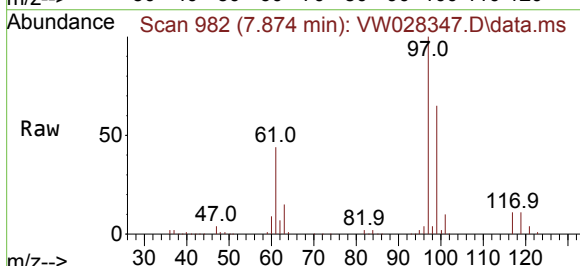
Tgt Ion: 97 Resp: 125119

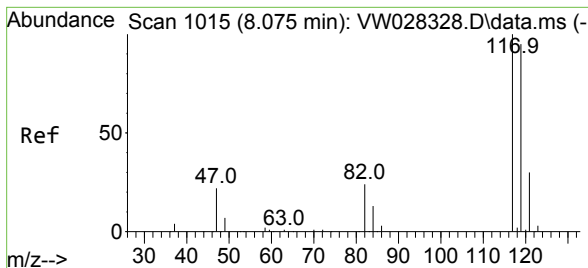
Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 44.9 37.0 55.6

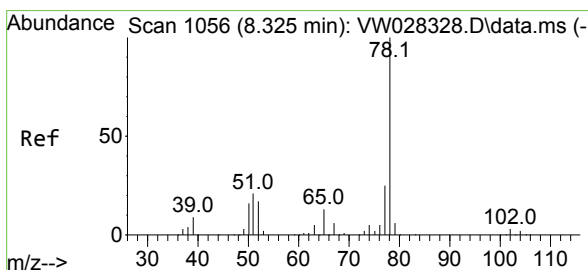
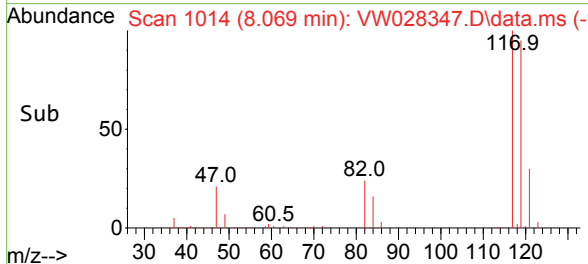
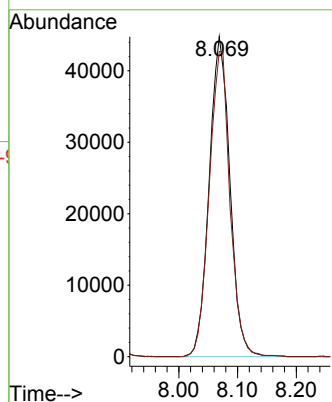
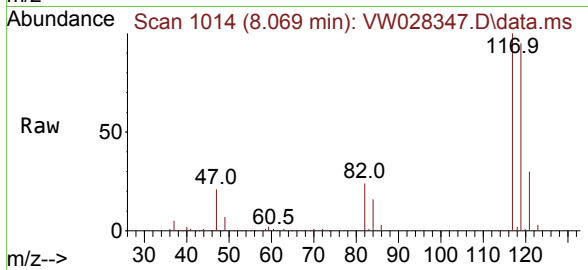




#31
Carbon tetrachloride
Concen: 22.494 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

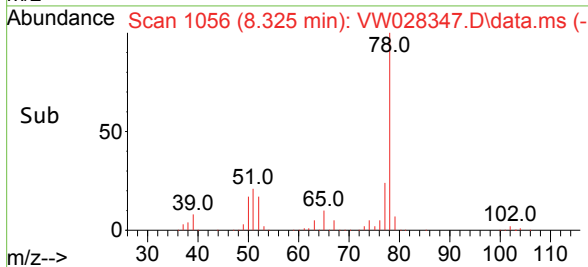
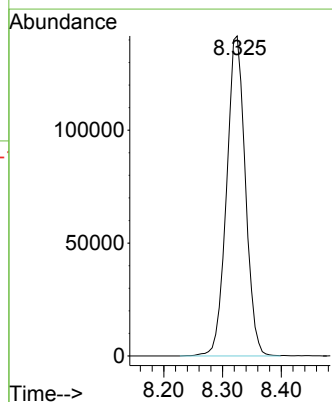
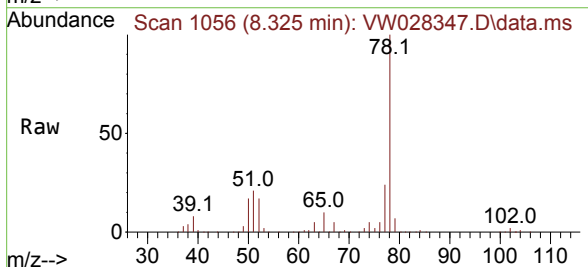
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

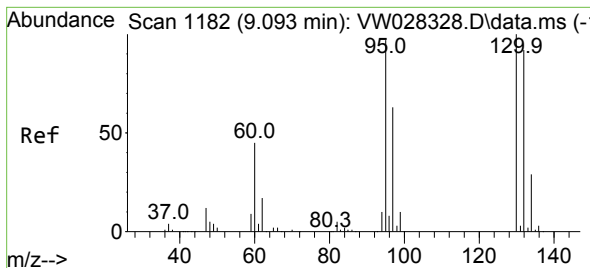
Tgt Ion:117 Resp: 109618
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.4



#33
Benzene
Concen: 25.838 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

Tgt Ion: 78 Resp: 315110





#34

Trichloroethene

Concen: 25.006 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

Tgt Ion: 95 Resp: 85082

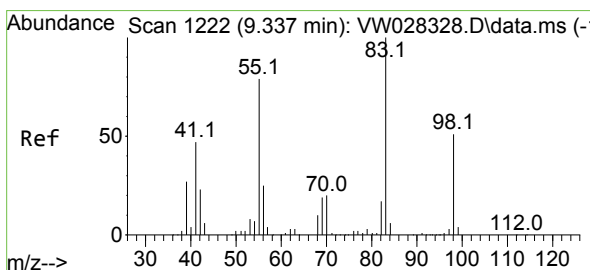
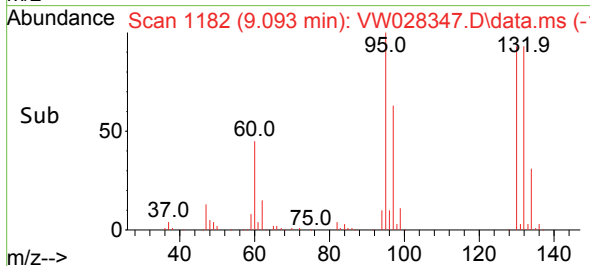
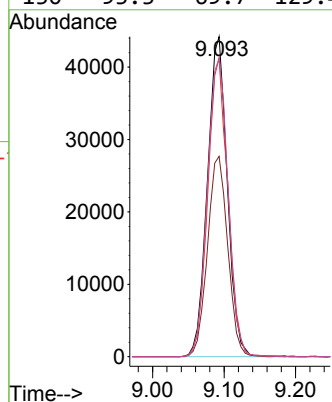
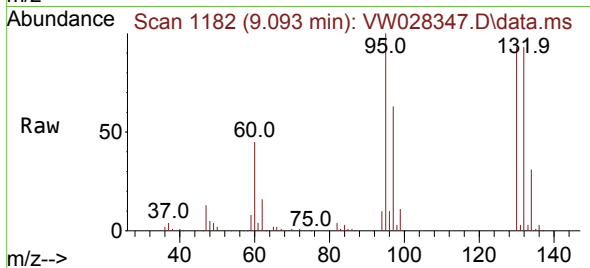
Ion Ratio Lower Upper

95 100

97 62.6 42.4 78.6

132 93.2 69.4 128.8

130 93.3 69.7 129.4



#35

Methylcyclohexane

Concen: 23.633 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

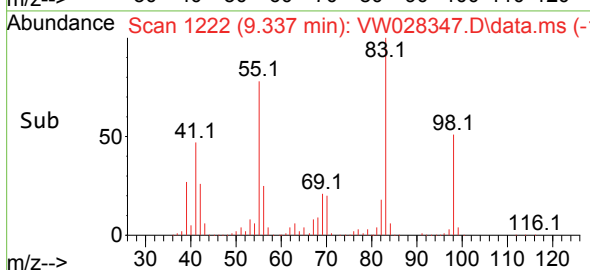
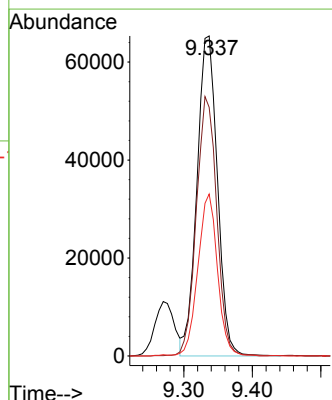
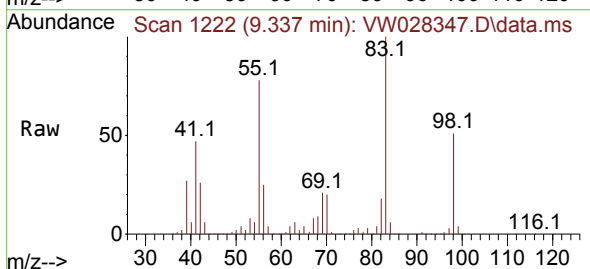
Tgt Ion: 83 Resp: 135919

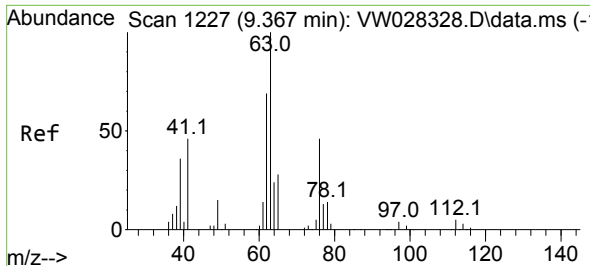
Ion Ratio Lower Upper

83 100

55 81.0 64.2 96.4

98 48.6 38.3 57.5

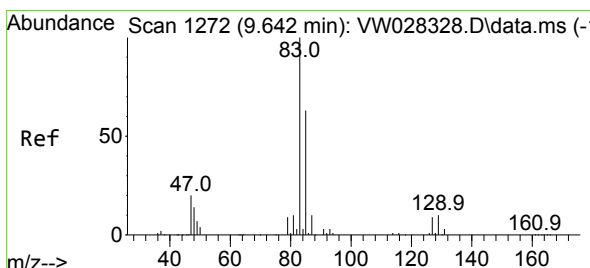
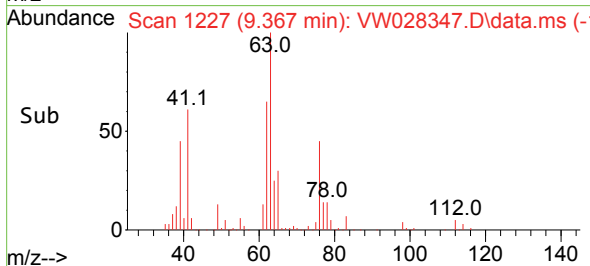
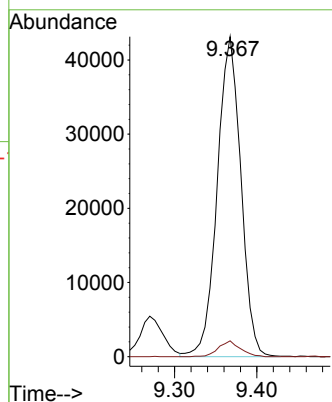
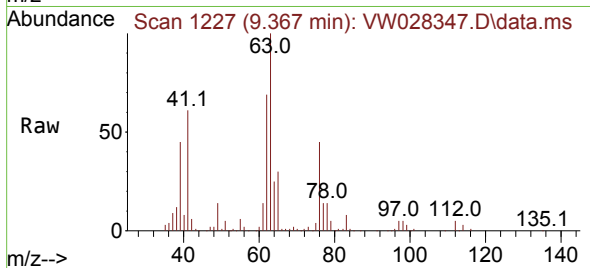




#37
1,2-Dichloropropane
Concen: 27.655 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

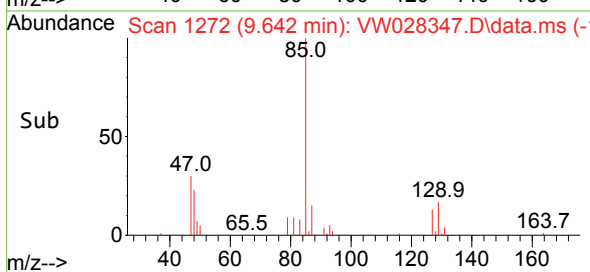
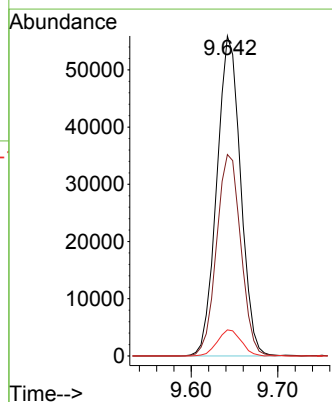
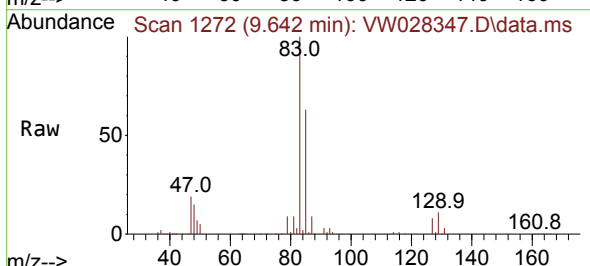
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

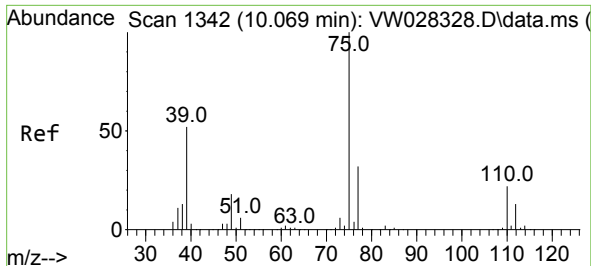
Tgt Ion: 63 Resp: 86267
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.8



#38
Bromodichloromethane
Concen: 25.352 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

Tgt Ion: 83 Resp: 106625
Ion Ratio Lower Upper
83 100
85 63.0 45.8 85.2
127 8.1 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 25.718 ug/L

RT: 10.068 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Instrument :

MSVOA_W

ClientSampleId :

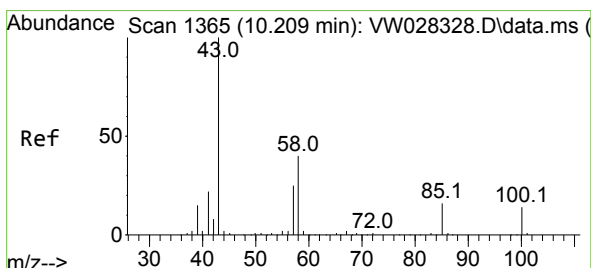
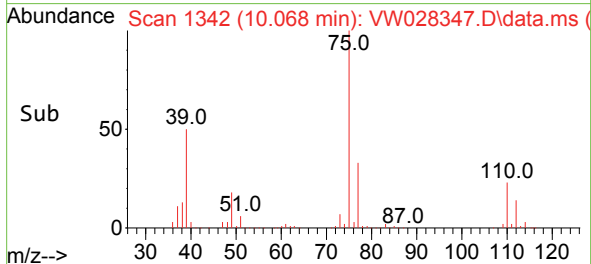
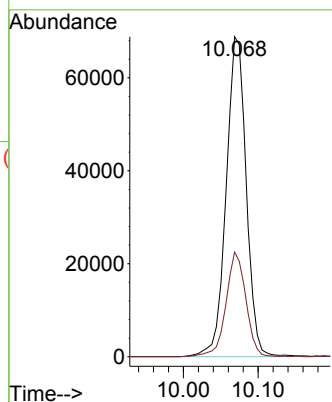
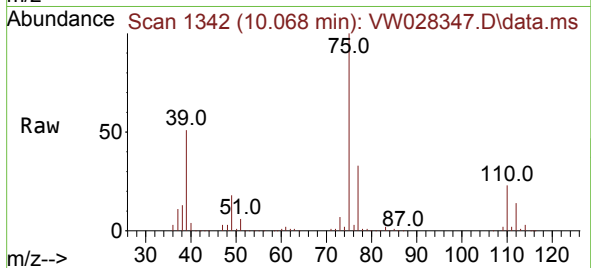
VSTD025540

Tgt Ion: 75 Resp: 128477

Ion Ratio Lower Upper

75 100

77 32.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 54.893 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

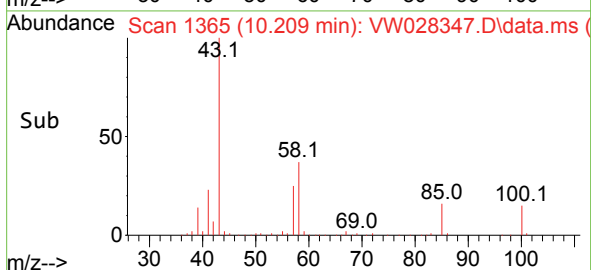
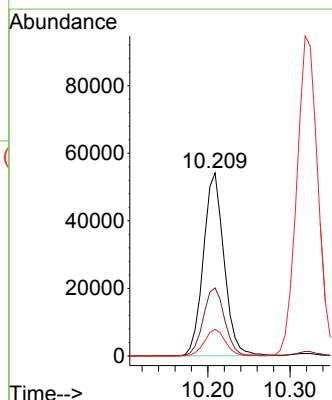
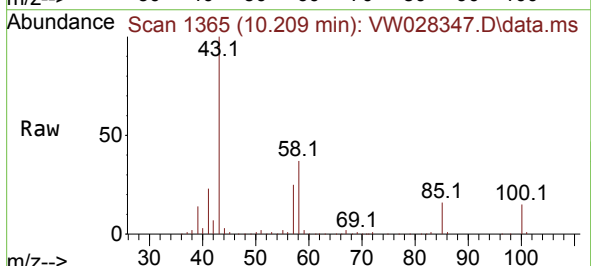
Tgt Ion: 43 Resp: 94518

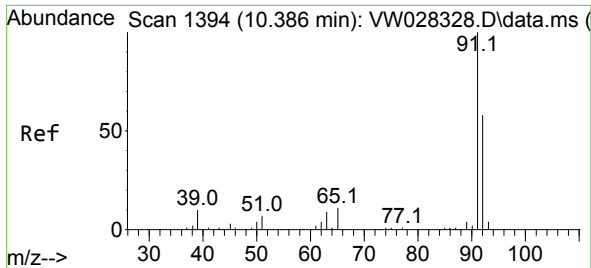
Ion Ratio Lower Upper

43 100

58 38.5 30.1 45.1

100 14.8 11.8 17.8





#42

Toluene

Concen: 25.563 ug/L

RT: 10.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Instrument :

MSVOA_W

ClientSampleId :

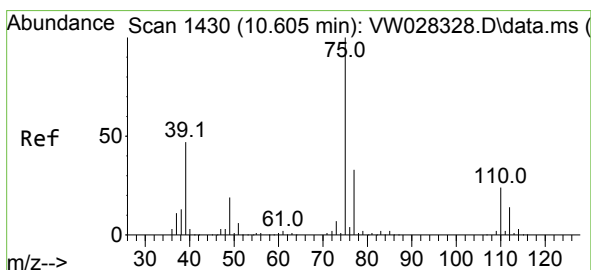
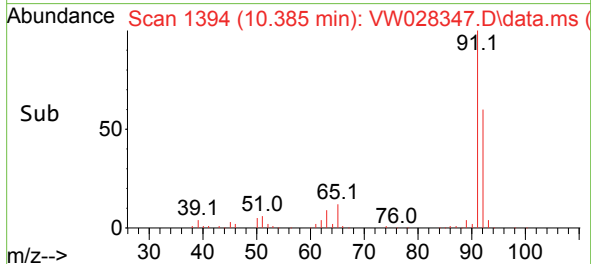
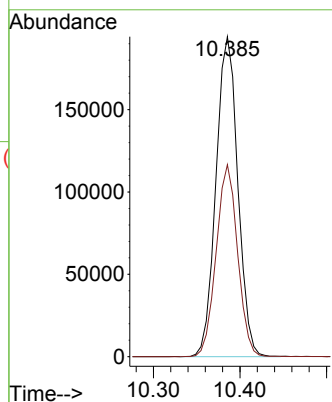
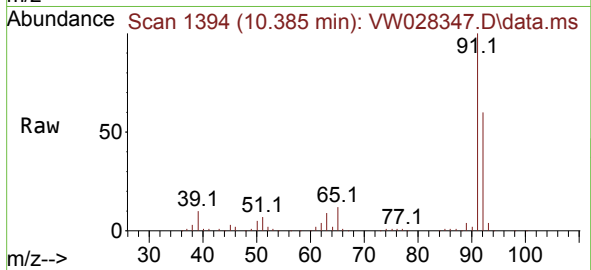
VSTD025540

Tgt Ion: 91 Resp: 340247

Ion Ratio Lower Upper

91 100

92 60.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 25.427 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028347.D

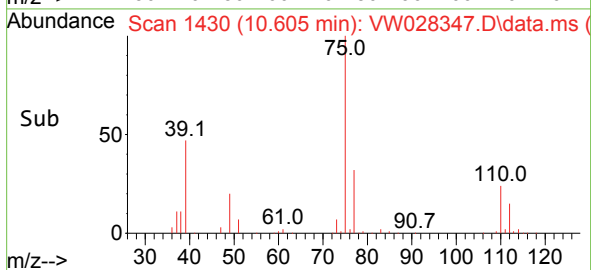
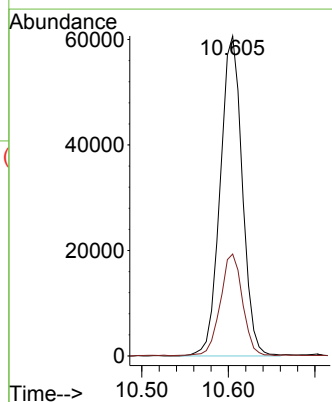
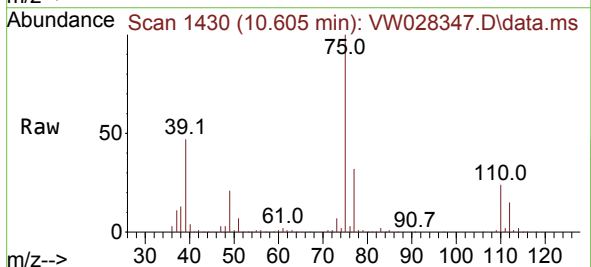
Acq: 05 Apr 2024 19:41

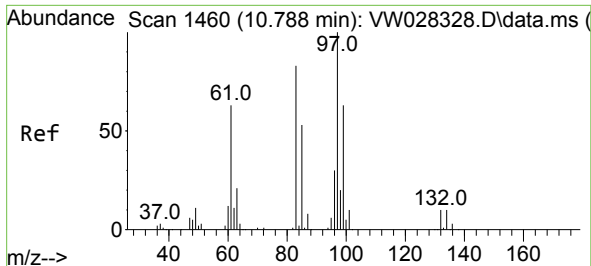
Tgt Ion: 75 Resp: 107243

Ion Ratio Lower Upper

75 100

77 31.9 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 27.538 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

Tgt Ion: 97 Resp: 62066

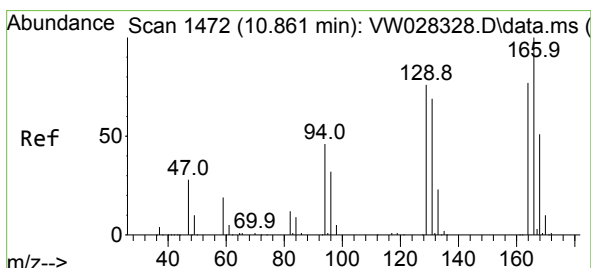
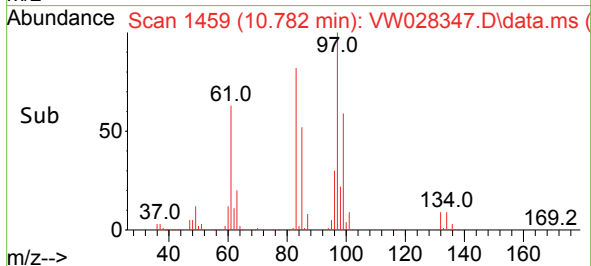
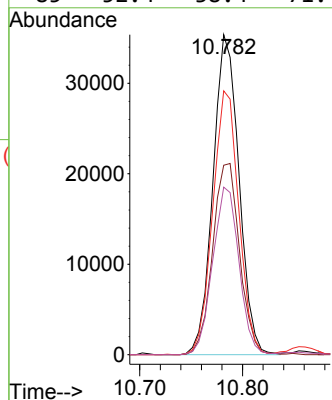
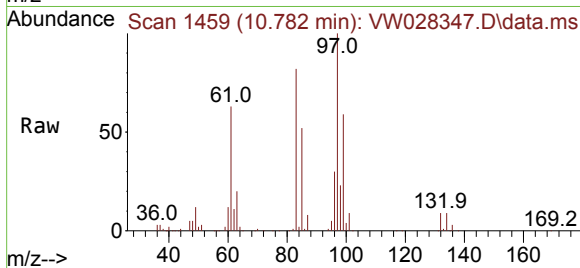
Ion Ratio Lower Upper

97 100

99 59.2 43.4 80.6

83 82.5 59.4 110.4

85 52.4 38.4 71.4



#46

Tetrachloroethene

Concen: 23.026 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Tgt Ion:164 Resp: 63153

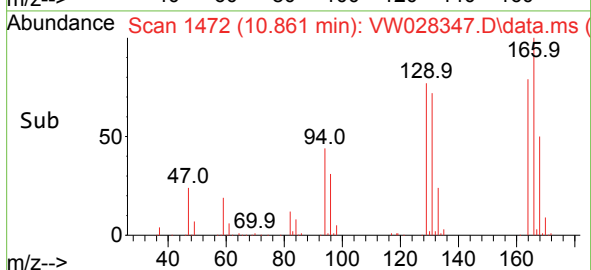
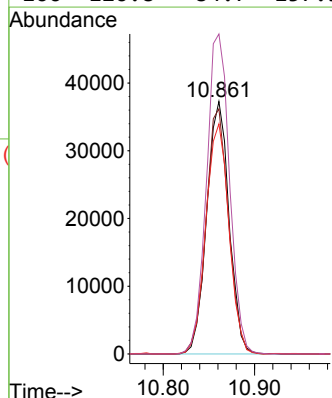
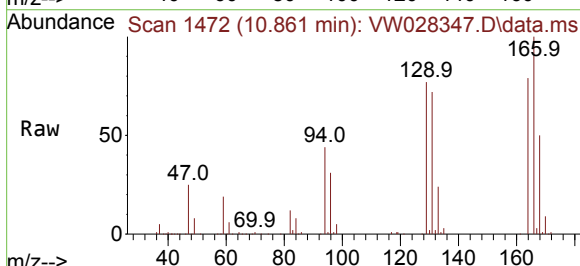
Ion Ratio Lower Upper

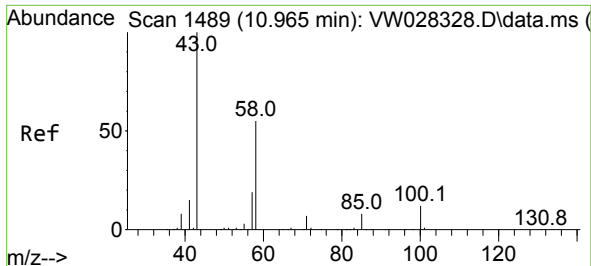
164 100

129 97.1 64.0 119.0

131 91.2 62.6 116.3

166 126.8 84.7 157.3

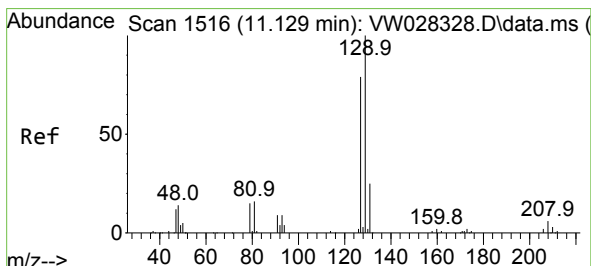
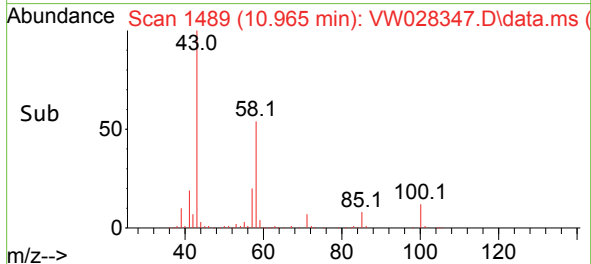
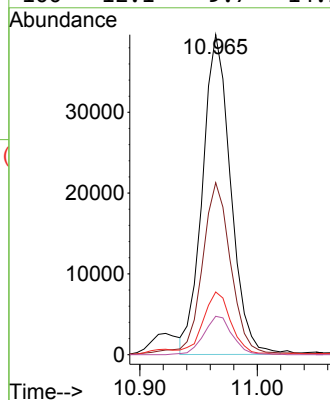
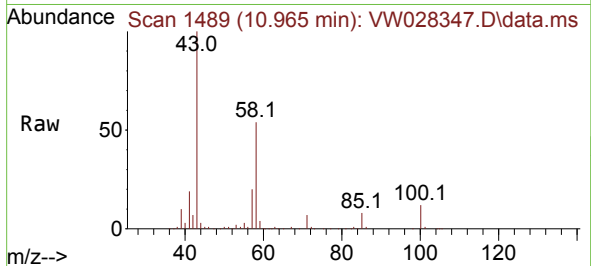




#48
2-Hexanone
Concen: 48.989 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

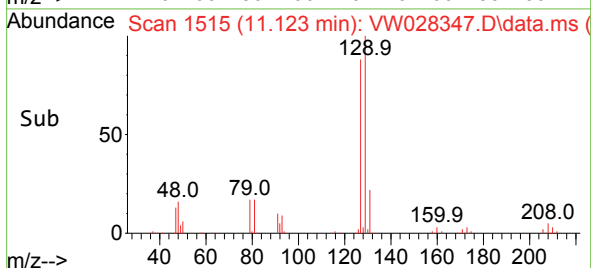
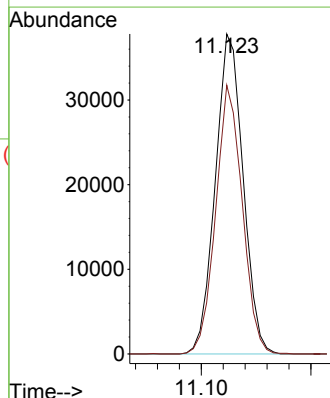
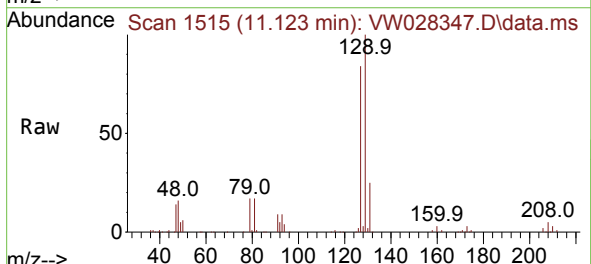
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

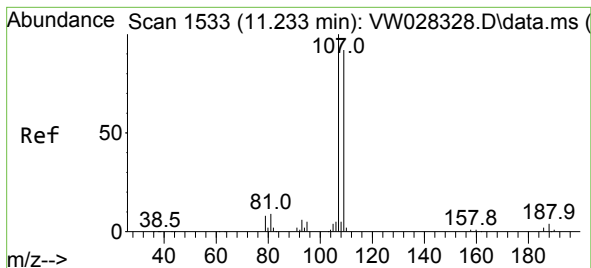
Tgt Ion:	43	Resp:	66076
Ion	Ratio	Lower	Upper
43	100		
58	52.1	40.6	61.0
57	19.8	15.7	23.5
100	12.1	9.7	14.5



#49
Dibromochloromethane
Concen: 24.947 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

Tgt Ion:	129	Resp:	66590
Ion	Ratio	Lower	Upper
129	100		
127	84.0	53.1	98.7

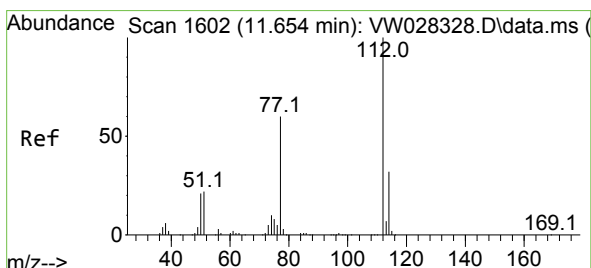
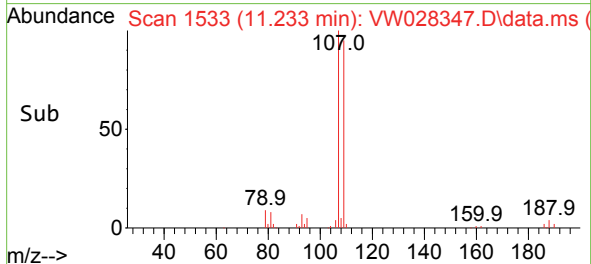
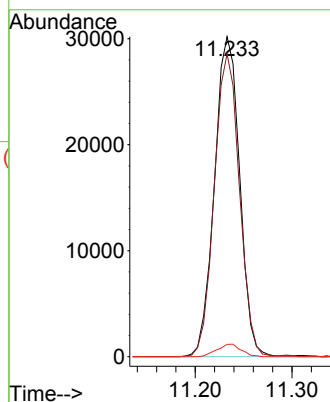
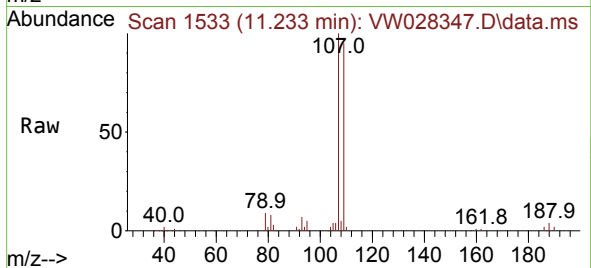




#50
1,2-Dibromoethane
Concen: 25.238 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

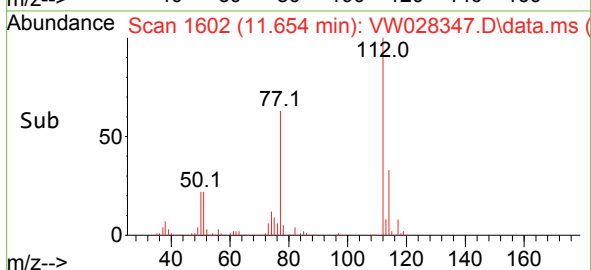
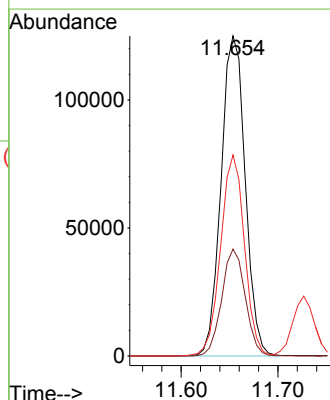
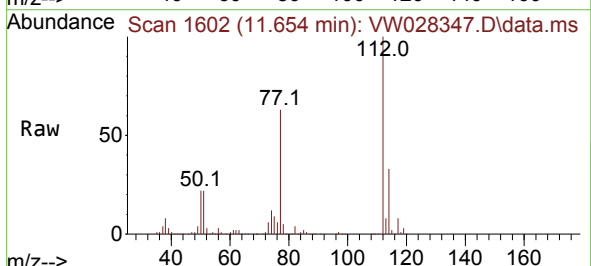
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

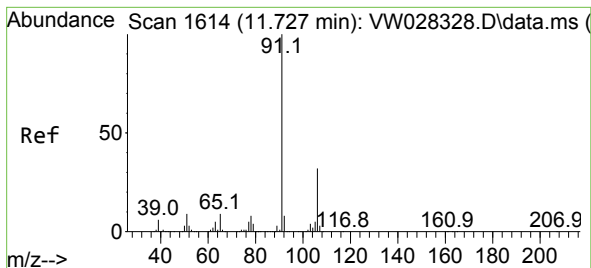
Tgt Ion:	107	Resp:	54390
Ion Ratio	Lower	Upper	
107	100		
109	94.6	64.4	119.6
188	3.9	3.4	5.2



#51
Chlorobenzene
Concen: 25.624 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

Tgt Ion:	112	Resp:	216480
Ion Ratio	Lower	Upper	
112	100		
114	33.4	21.8	40.6
77	62.8	50.6	76.0





#52

Ethylbenzene

Concen: 25.573 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Instrument :

MSVOA_W

ClientSampleId :

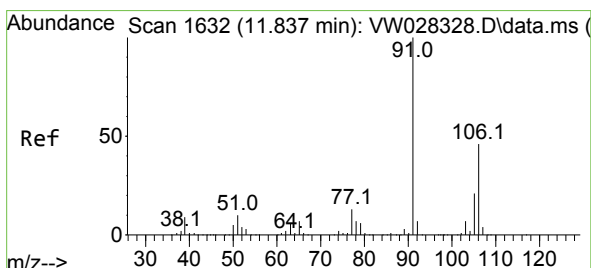
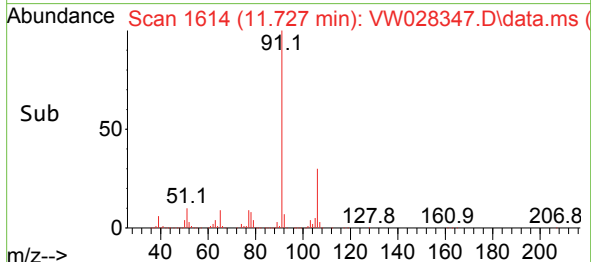
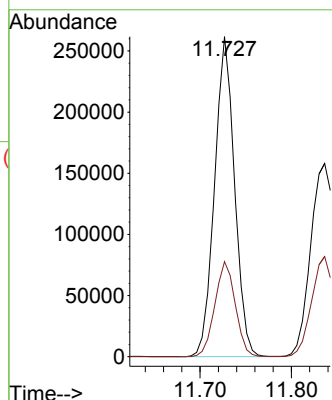
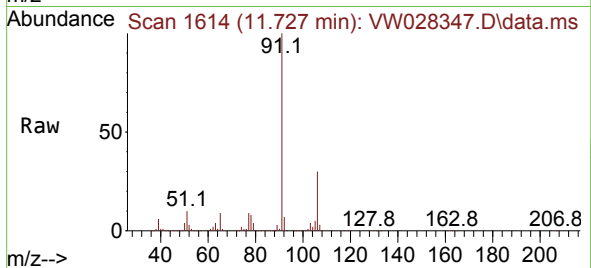
VSTD025540

Tgt Ion: 91 Resp: 397354

Ion Ratio Lower Upper

91 100

106 29.7 21.3 39.5



#53

m,p-Xylene

Concen: 25.521 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028347.D

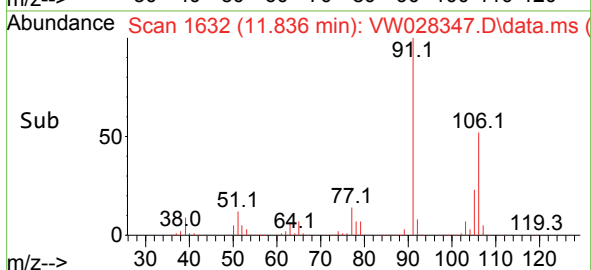
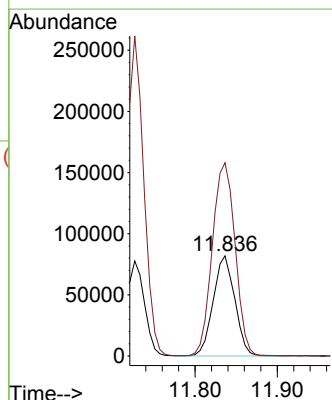
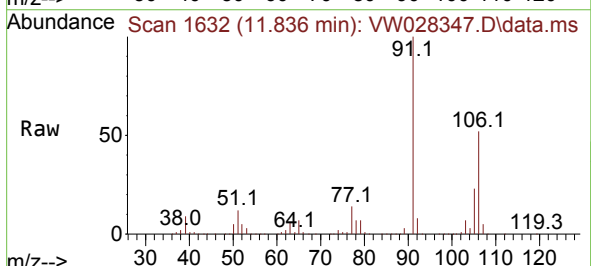
Acq: 05 Apr 2024 19:41

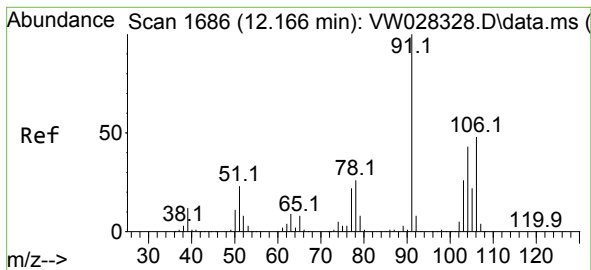
Tgt Ion:106 Resp: 149224

Ion Ratio Lower Upper

106 100

91 192.9 147.1 273.1





#54

o-Xylene

Concen: 26.267 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Instrument :

MSVOA_W

ClientSampleId :

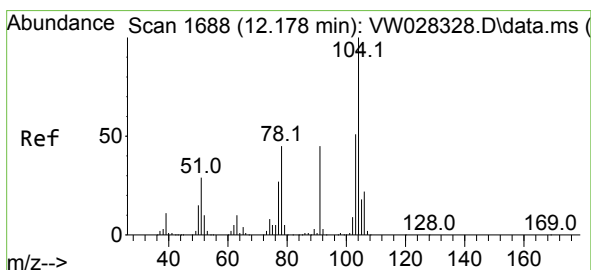
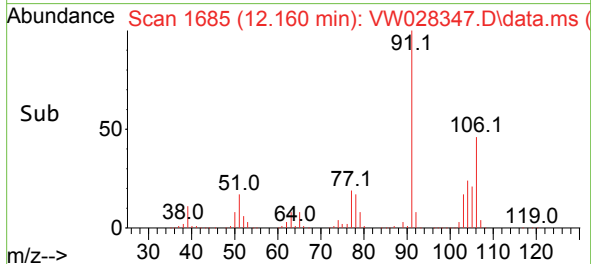
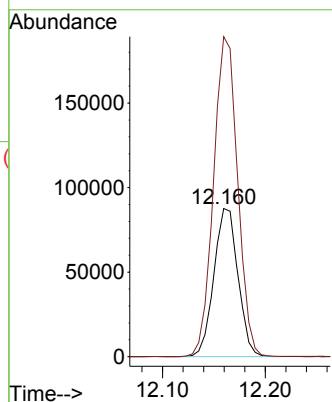
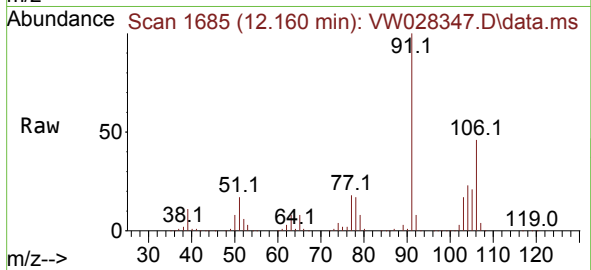
VSTD025540

Tgt Ion:106 Resp: 142426

Ion Ratio Lower Upper

106 100

91 215.9 149.2 277.2



#55

Styrene

Concen: 26.950 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028347.D

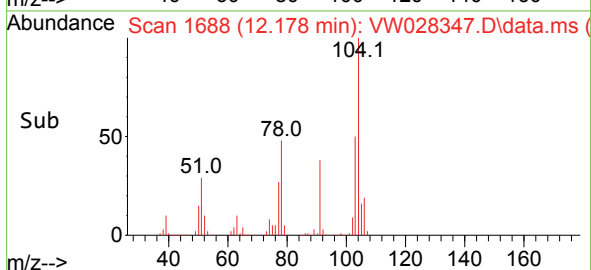
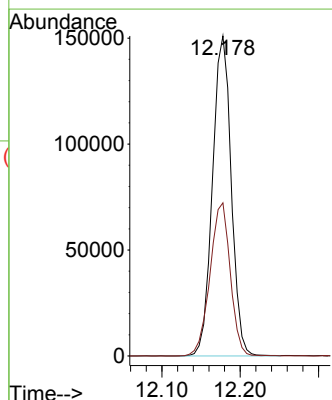
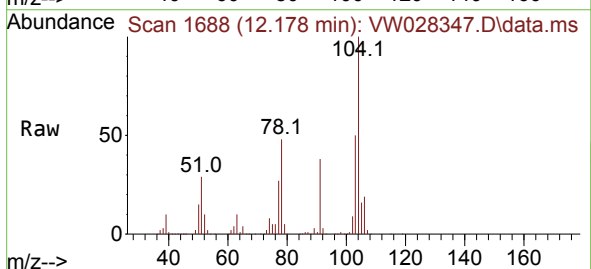
Acq: 05 Apr 2024 19:41

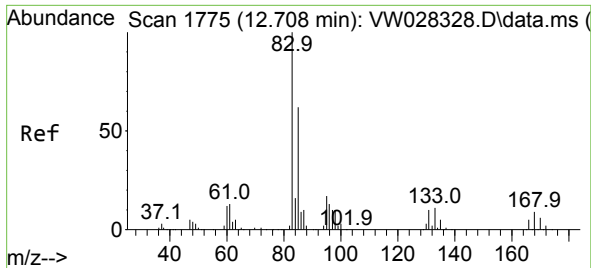
Tgt Ion:104 Resp: 251007

Ion Ratio Lower Upper

104 100

78 47.9 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 27.218 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

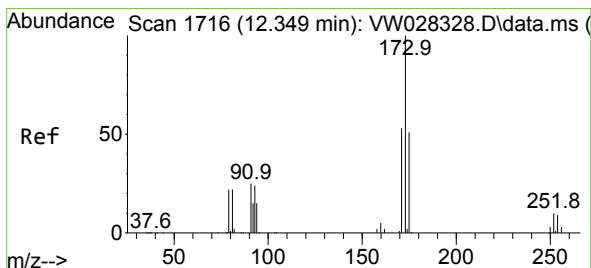
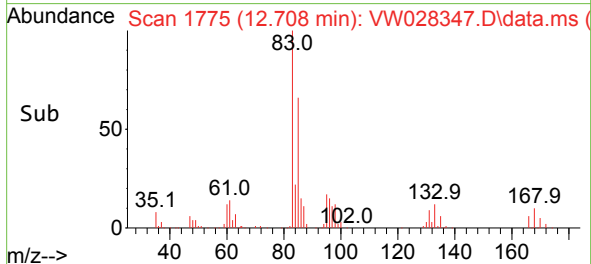
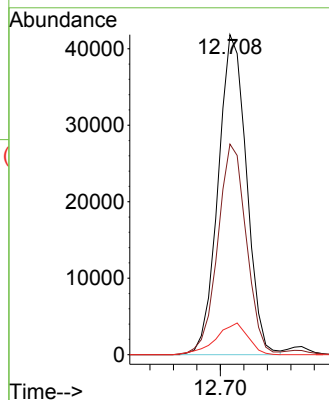
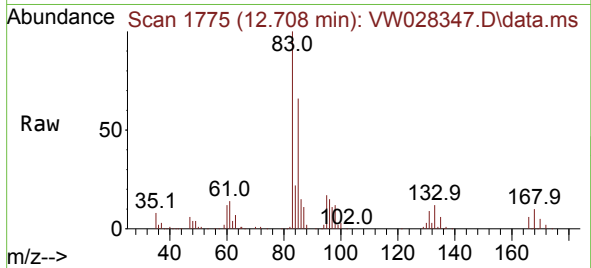
Tgt Ion: 83 Resp: 70167

Ion Ratio Lower Upper

83 100

85 65.8 47.0 87.2

131 8.7 8.9 13.3#



#59

Bromoform

Concen: 24.725 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

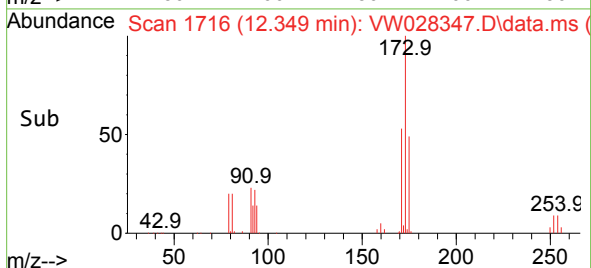
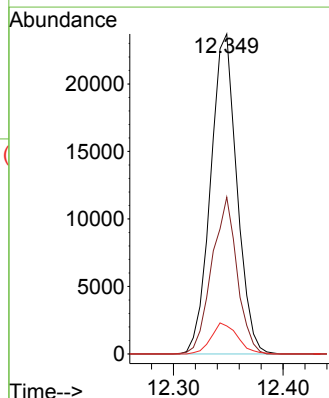
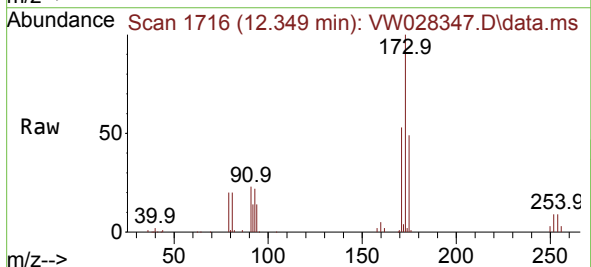
Tgt Ion:173 Resp: 39545

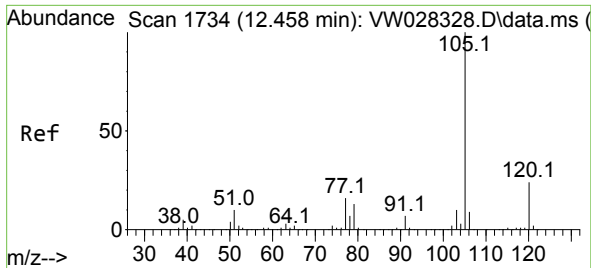
Ion Ratio Lower Upper

173 100

175 47.0 39.8 59.6

254 9.7 8.5 12.7

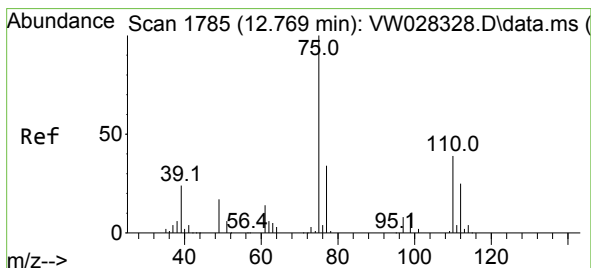
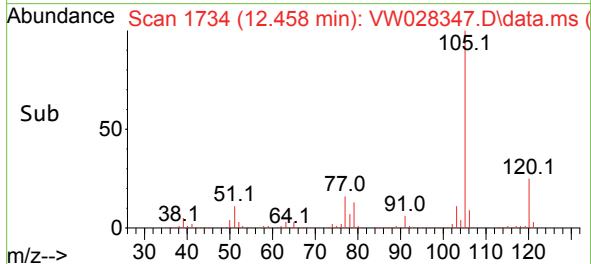
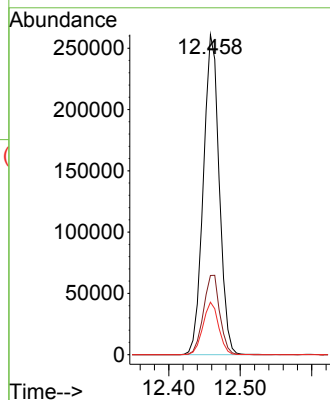
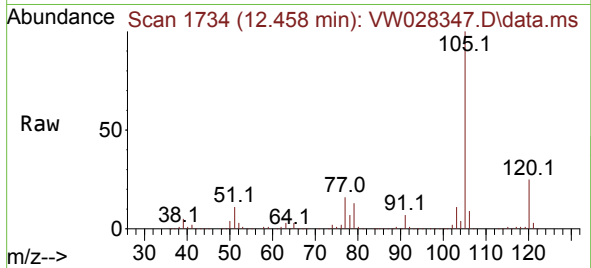




#60
Isopropylbenzene
Concen: 25.376 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

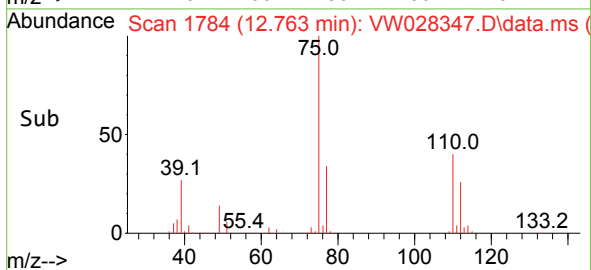
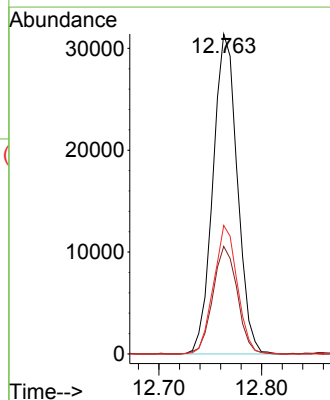
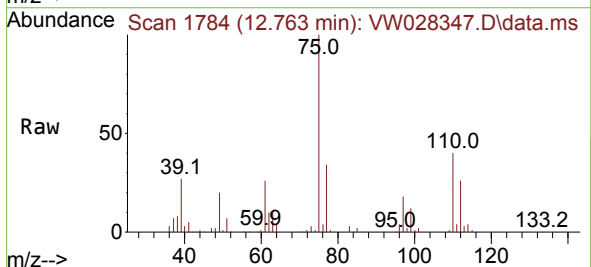
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

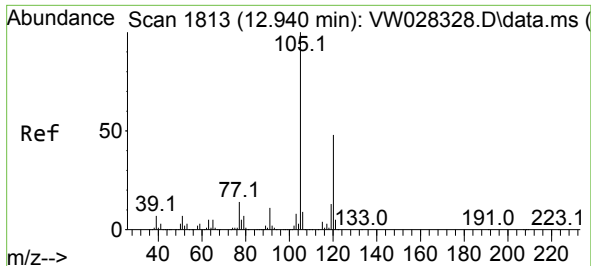
Tgt Ion:105 Resp: 402426
Ion Ratio Lower Upper
105 100
120 25.6 21.0 31.6
77 16.3 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 25.366 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW028347.D
Acq: 05 Apr 2024 19:41

Tgt Ion: 75 Resp: 51673
Ion Ratio Lower Upper
75 100
77 33.7 26.0 39.0
110 39.1 32.2 48.2

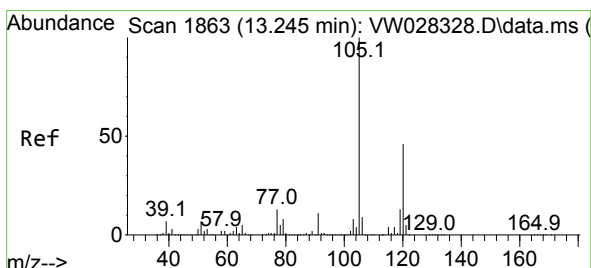
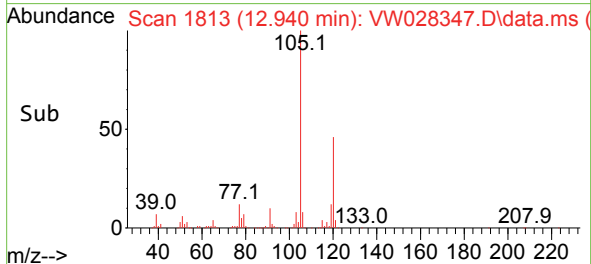
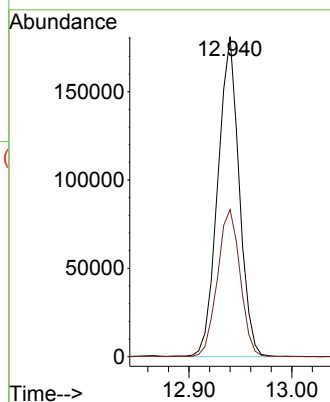
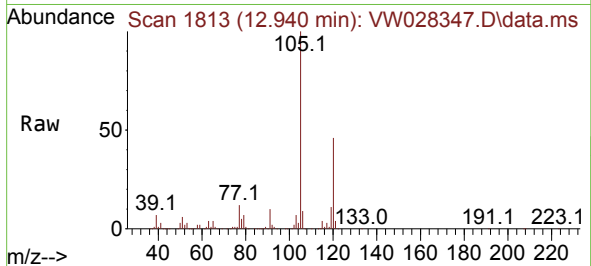




#62
 1,3,5-Trimethylbenzene
 Concen: 24.585 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW028347.D
 Acq: 05 Apr 2024 19:41

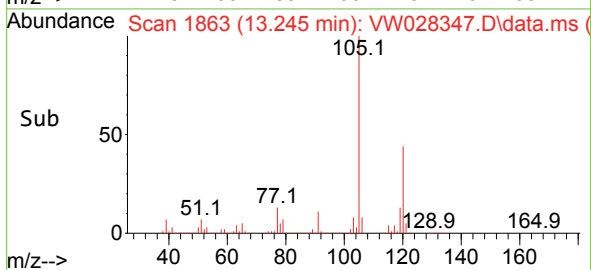
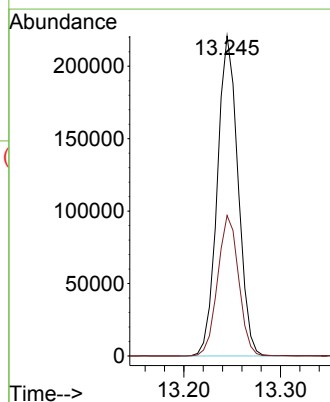
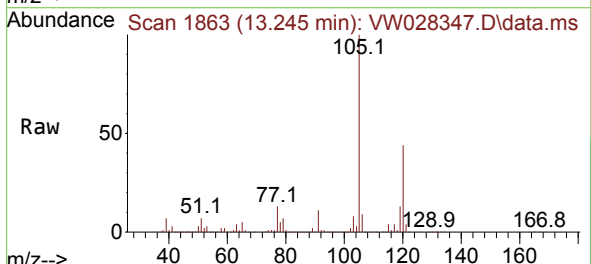
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

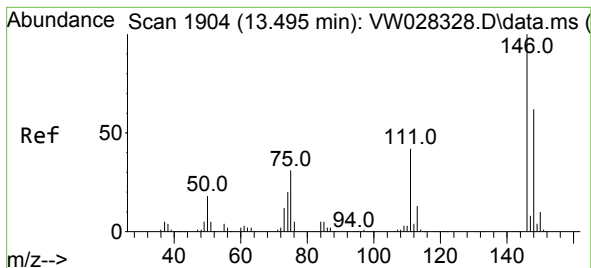
Tgt Ion:105 Resp: 261602
 Ion Ratio Lower Upper
 105 100
 120 48.6 38.2 57.2



#63
 1,2,4-Trimethylbenzene
 Concen: 25.561 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW028347.D
 Acq: 05 Apr 2024 19:41

Tgt Ion:105 Resp: 328417
 Ion Ratio Lower Upper
 105 100
 120 44.4 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 24.281 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

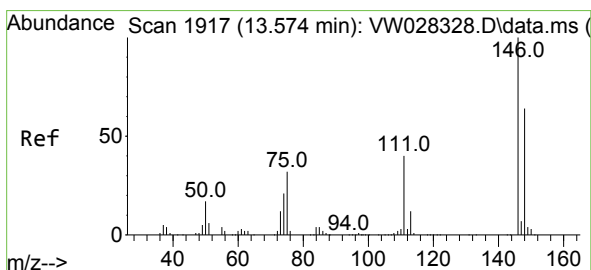
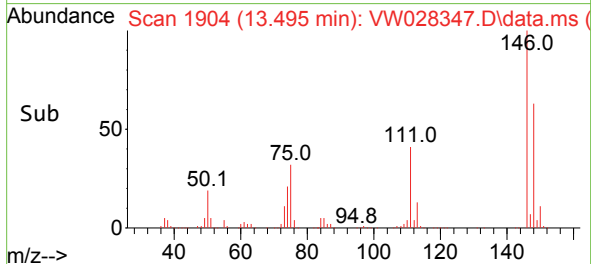
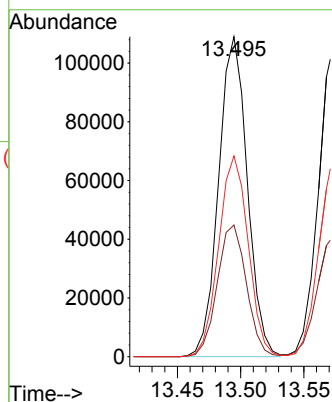
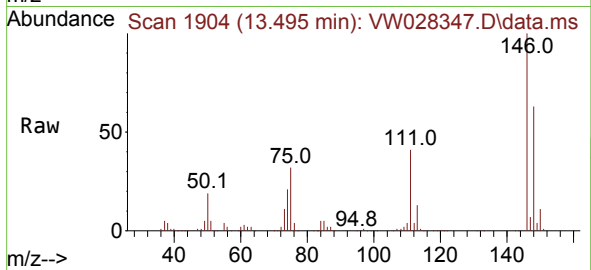
Tgt Ion:146 Resp: 171787

Ion Ratio Lower Upper

146 100

111 41.1 28.5 52.9

148 62.8 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 24.516 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

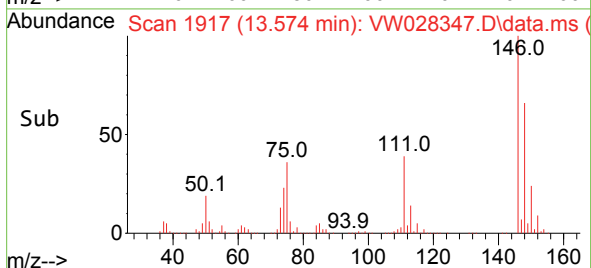
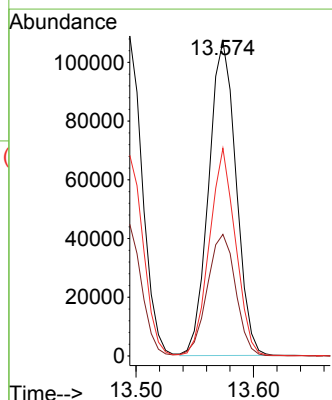
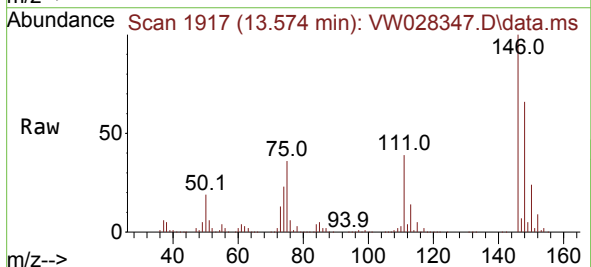
Tgt Ion:146 Resp: 173444

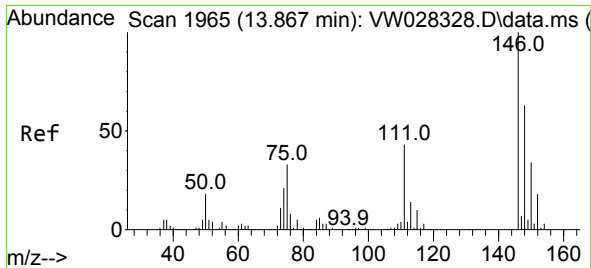
Ion Ratio Lower Upper

146 100

111 38.6 28.8 53.6

148 66.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 26.281 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

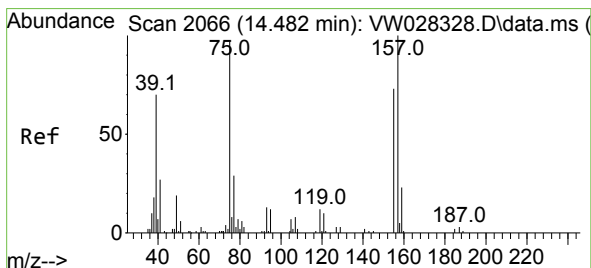
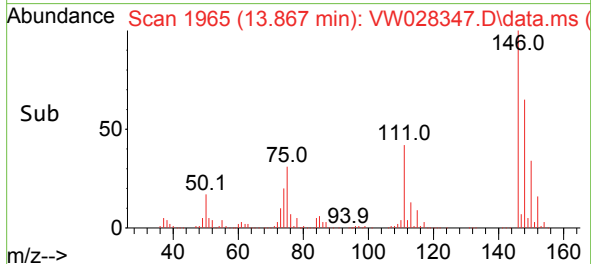
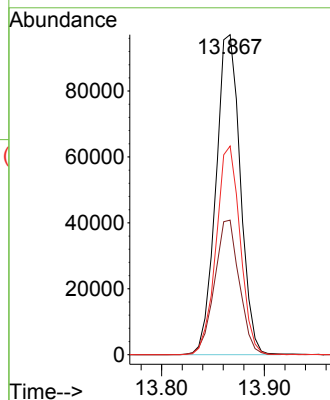
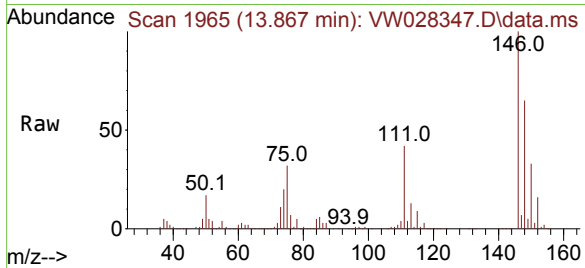
Tgt Ion:146 Resp: 160119

Ion Ratio Lower Upper

146 100

111 42.1 34.2 51.2

148 65.2 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 22.975 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

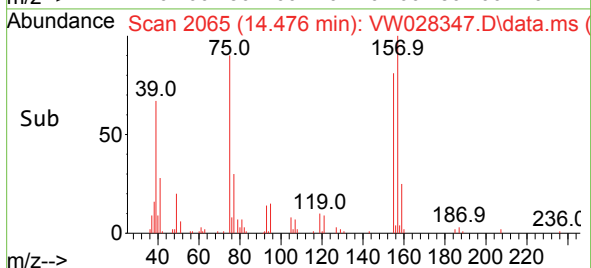
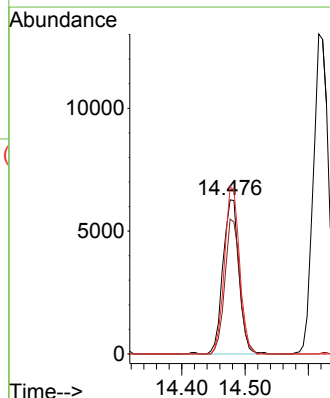
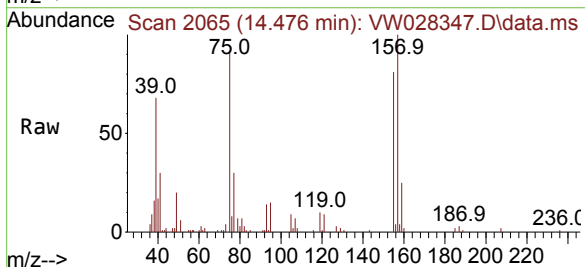
Tgt Ion: 75 Resp: 10994

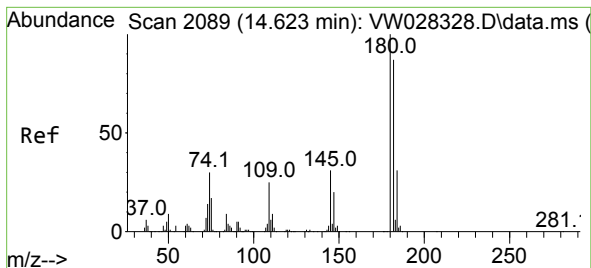
Ion Ratio Lower Upper

75 100

155 87.5 61.1 91.7

157 108.7 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 25.070 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

Tgt Ion:180 Resp: 123548

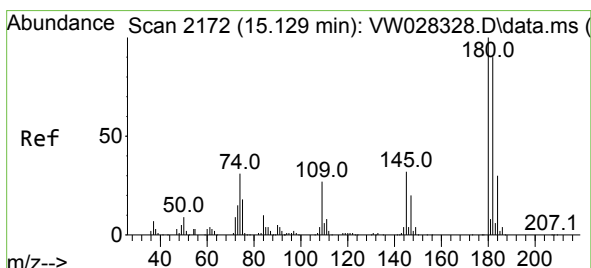
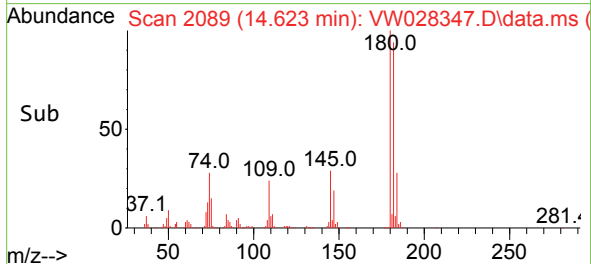
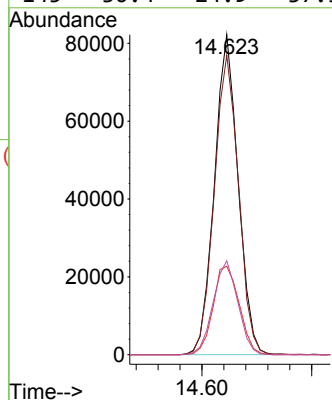
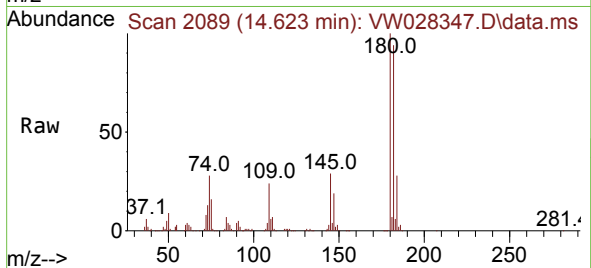
Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

184 30.5 23.5 35.3

145 30.4 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 24.018 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

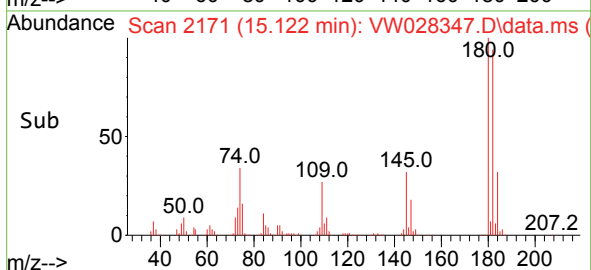
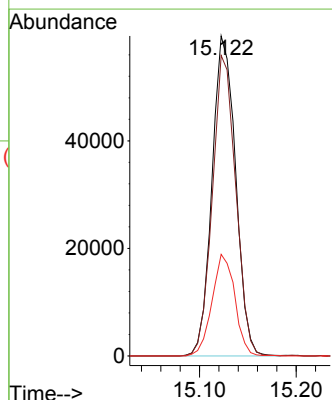
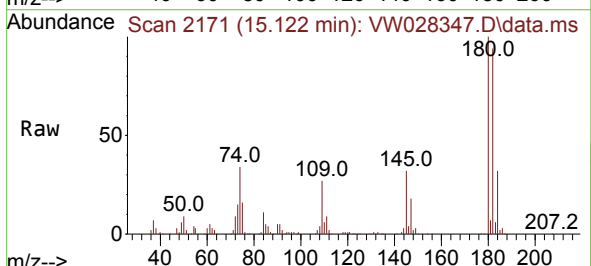
Tgt Ion:180 Resp: 100553

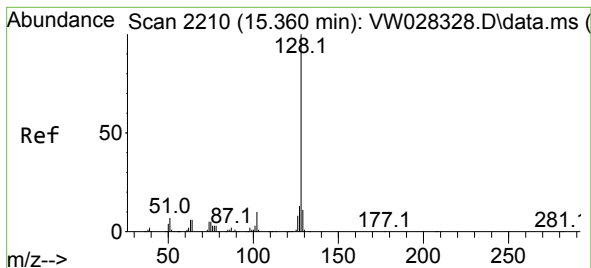
Ion Ratio Lower Upper

180 100

182 93.1 73.8 110.8

145 30.7 25.0 37.6





#71

Naphthalene

Concen: 25.461 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

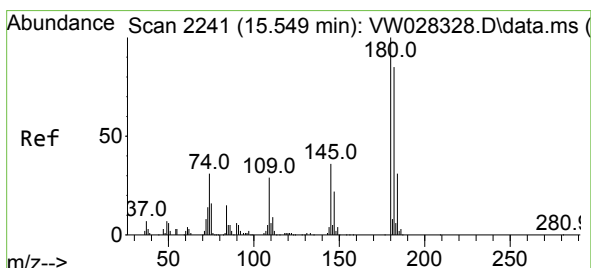
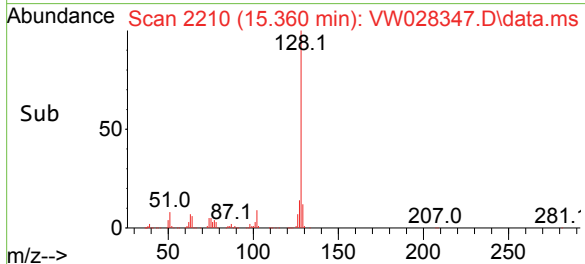
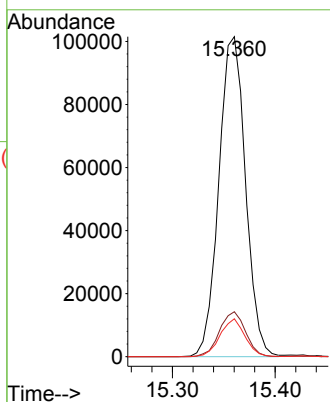
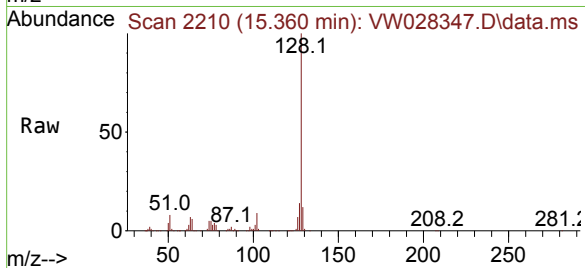
Tgt Ion:128 Resp: 182962

Ion Ratio Lower Upper

128 100

127 13.7 10.9 16.3

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 25.767 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028347.D

Acq: 05 Apr 2024 19:41

Tgt Ion:180 Resp: 88931

Ion Ratio Lower Upper

180 100

182 94.9 76.0 114.0

145 32.5 27.1 40.7

