

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031524\
 Data File : VW028209.D
 Acq On : 15 Mar 2024 14:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025518

Quant Time: Mar 18 01:32:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 18 01:23:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	192359	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	174389	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	93262	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	55376	24.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.400%
7) Chloroethane-d5	2.905	69	41065	26.115	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.480%
11) 1,1-Dichloroethene-d2	4.021	65	37046	25.956	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.840%
21) 2-Butanone-d5	7.075	46	39875	60.069	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.140%
24) Chloroform-d	7.648	84	165326	29.147	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.600%
26) 1,2-Dichloroethane-d4	8.301	65	93880	30.034	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.120%
32) Benzene-d6	8.276	84	316221	29.700	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.800%
36) 1,2-Dichloropropane-d6	9.270	67	91312	29.802	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.200%
41) Toluene-d8	10.319	98	292123	29.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.000%
43) trans-1,3-Dichloroprop...	10.575	79	41324	29.695	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.760%
47) 2-Hexanone-d5	10.922	63	33280	65.710	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	71673	31.667	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.680%#
66) 1,2-Dichlorobenzene-d4	13.848	152	98507	28.995	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	54191	19.420	ug/L	91
3) Chloromethane	2.222	50	41185	20.810	ug/L	98
5) Vinyl chloride	2.375	62	49096	21.945	ug/L	96
6) Bromomethane	2.795	94	30095	22.588	ug/L	100
8) Chloroethane	2.936	64	26359	21.921	ug/L	98
9) Trichlorofluoromethane	3.271	101	57827	21.379	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	58347	21.714	ug/L #	75
12) 1,1-Dichloroethene	4.045	96	56932	22.920	ug/L	93
13) Acetone	4.118	43	28739	38.992	ug/L	98
14) Carbon disulfide	4.393	76	173245	22.362	ug/L	99
15) Methyl Acetate	4.667	43	26917	23.709	ug/L	98
16) Methylene chloride	4.917	84	61468	20.995	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	61145	23.163	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	99631	25.015	ug/L	99
19) 1,1-Dichloroethane	6.222	63	119785	23.439	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	68372	23.982	ug/L	96
22) 2-Butanone	7.167	43	36381	43.475	ug/L	96
23) Bromochloromethane	7.520	128	29580	23.468	ug/L	93
25) Chloroform	7.679	83	125020	23.763	ug/L	100

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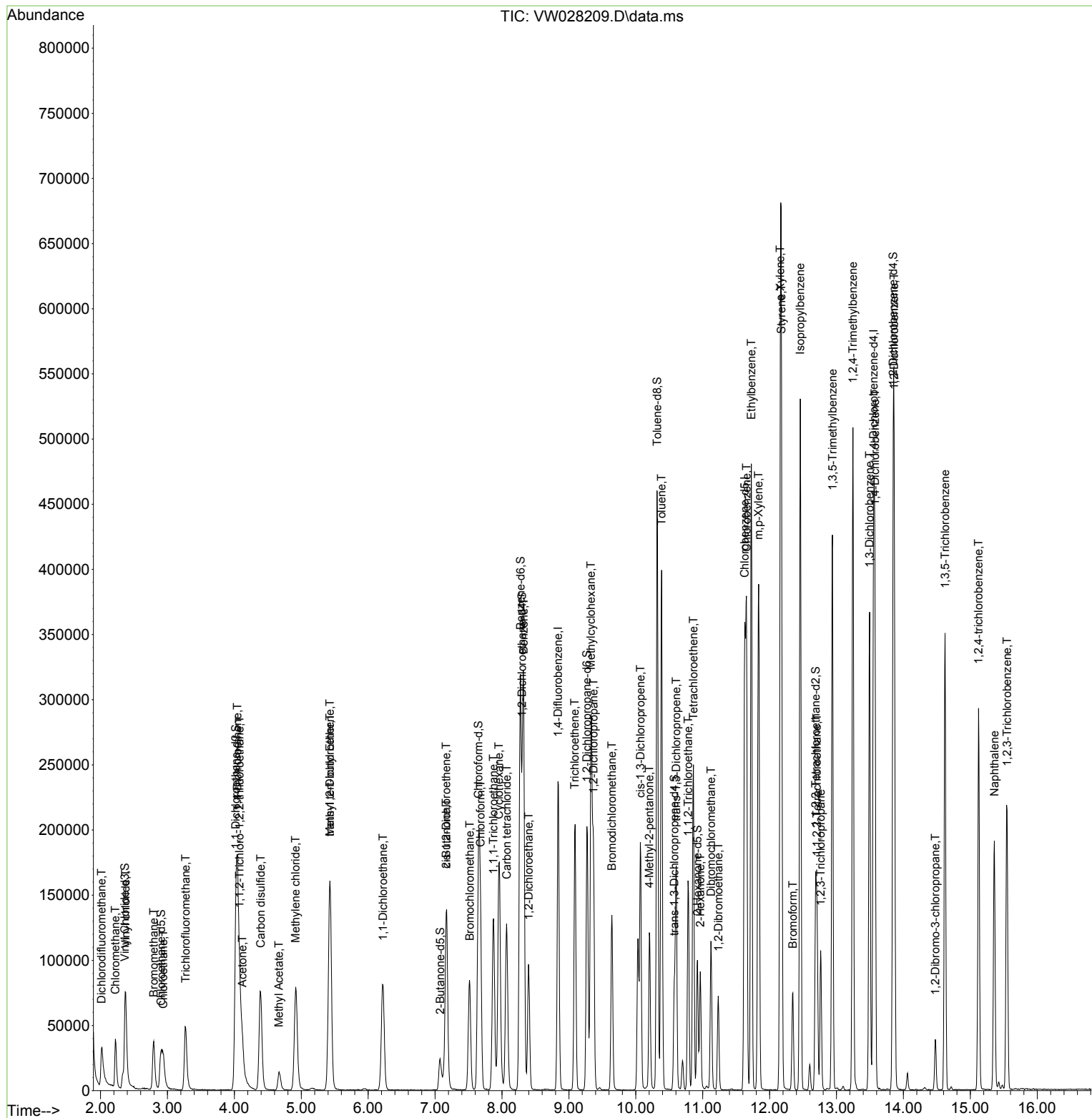
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 18 01:23:58 2024
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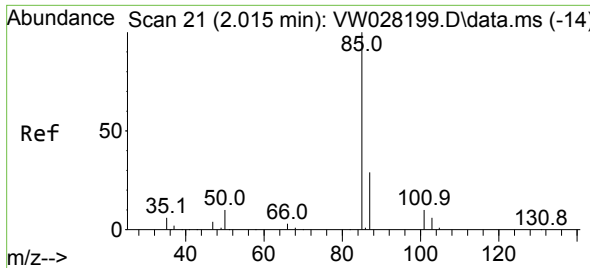
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	88649	23.860	ug/L	96
29) Cyclohexane	7.953	56	103625	22.782	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	109156	23.878	ug/L	99
31) Carbon tetrachloride	8.069	117	99476	23.199	ug/L	98
33) Benzene	8.325	78	257983	24.041	ug/L	100
34) Trichloroethene	9.087	95	70954	23.699	ug/L	95
35) Methylcyclohexane	9.331	83	114834	22.692	ug/L	99
37) 1,2-Dichloropropane	9.367	63	66371	24.181	ug/L	100
38) Bromodichloromethane	9.642	83	90138	24.357	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	108811	24.754	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	77731	51.305	ug/L	98
42) Toluene	10.386	91	278466	23.777	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	92748	24.991	ug/L	94
45) 1,1,2-Trichloroethane	10.782	97	49178	24.798	ug/L	98
46) Tetrachloroethene	10.861	164	54697	22.665	ug/L	97
48) 2-Hexanone	10.965	43	55930	47.126	ug/L	98
49) Dibromochloromethane	11.123	129	57506	24.485	ug/L	93
50) 1,2-Dibromoethane	11.233	107	47170	24.875	ug/L	98
51) Chlorobenzene	11.654	112	178111	23.960	ug/L	98
52) Ethylbenzene	11.727	91	326118	23.853	ug/L	99
53) m,p-Xylene	11.837	106	122362	23.783	ug/L	99
54) o-Xylene	12.160	106	118584	24.855	ug/L	93
55) Styrene	12.178	104	200815	24.504	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	57956	25.550	ug/L	99
59) Bromoform	12.349	173	34117	24.413	ug/L	99
60) Isopropylbenzene	12.458	105	328074	23.676	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	43544	24.464	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	223736	24.064	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	266889	23.773	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	143257	23.174	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	142952	23.126	ug/L	92
67) 1,2-Dichlorobenzene	13.861	146	133211	25.023	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	10406	24.888	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	105760	24.561	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	87190	23.835	ug/L	98
71) Naphthalene	15.360	128	157569	25.096	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	72352	23.992	ug/L	96

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

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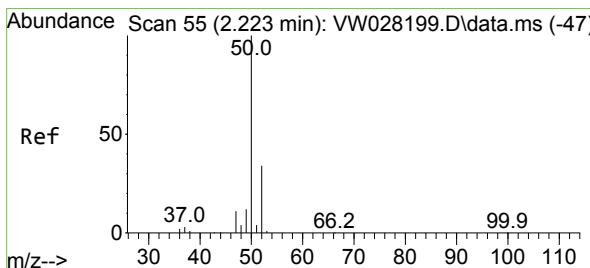
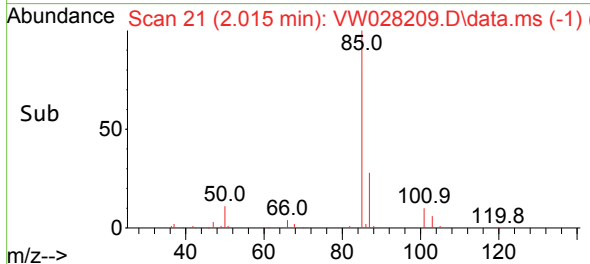
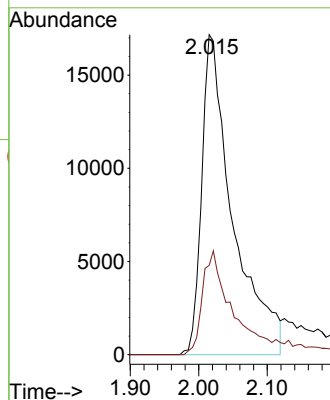
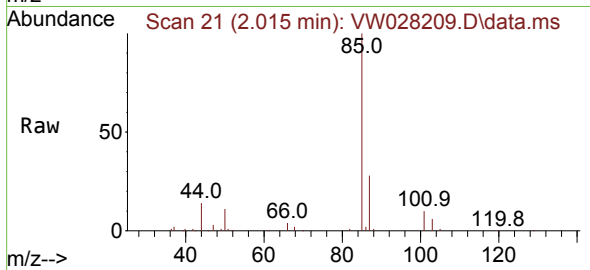




#2
Dichlorodifluoromethane
Concen: 19.420 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

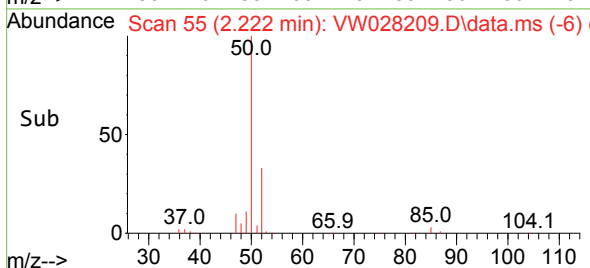
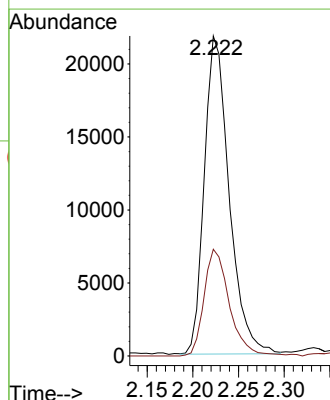
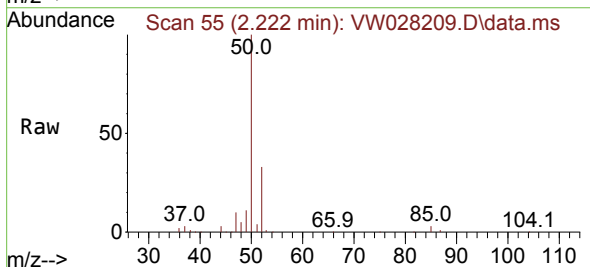
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

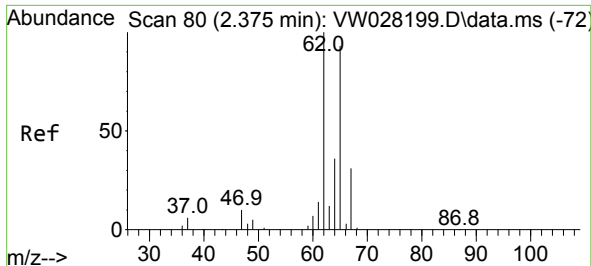
Tgt Ion: 85 Resp: 54191
Ion Ratio Lower Upper
85 100
87 30.6 20.9 31.3



#3
Chloromethane
Concen: 20.810 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

Tgt Ion: 50 Resp: 41185
Ion Ratio Lower Upper
50 100
52 33.3 22.7 42.1

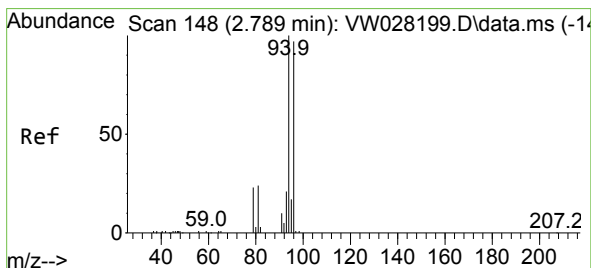
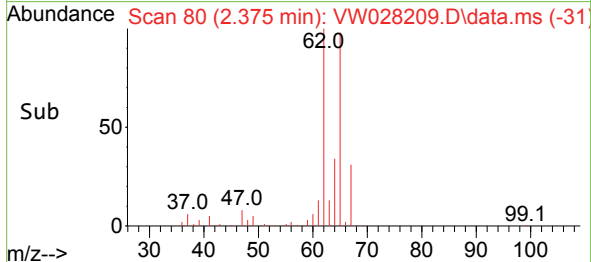
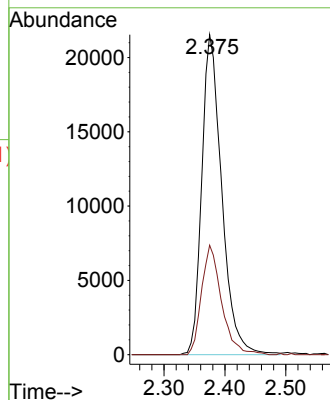
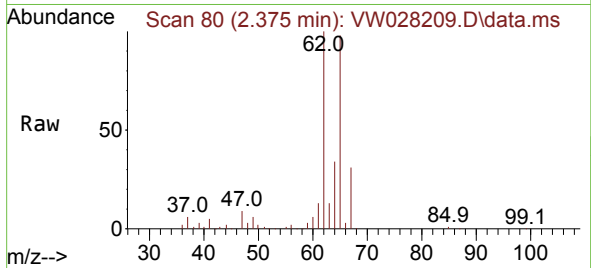




#5
 Vinyl chloride
 Concen: 21.945 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028209.D
 Acq: 15 Mar 2024 14:27

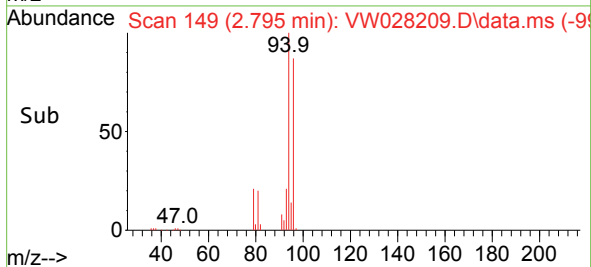
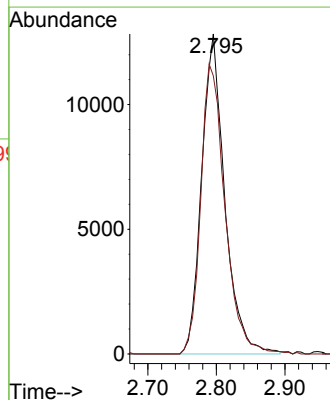
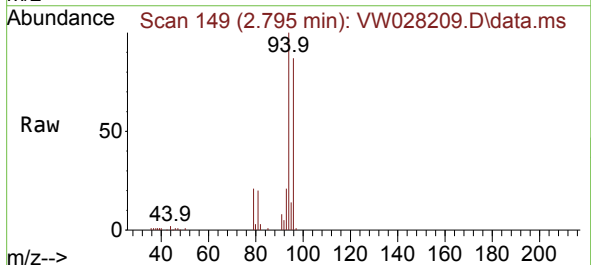
Instrument :
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 ClientSampleId :
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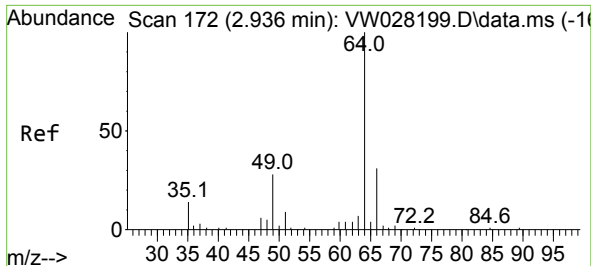
Tgt Ion: 62 Resp: 49096
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.5 41.7



#6
 Bromomethane
 Concen: 22.588 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028209.D
 Acq: 15 Mar 2024 14:27

Tgt Ion: 94 Resp: 30095
 Ion Ratio Lower Upper
 94 100
 96 86.9 60.8 113.0

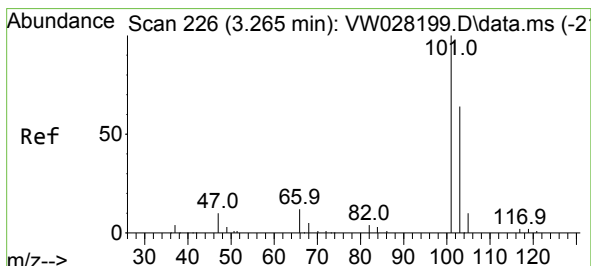
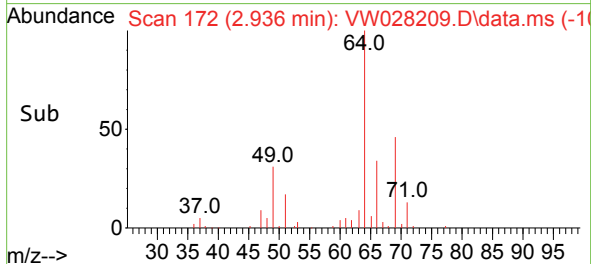
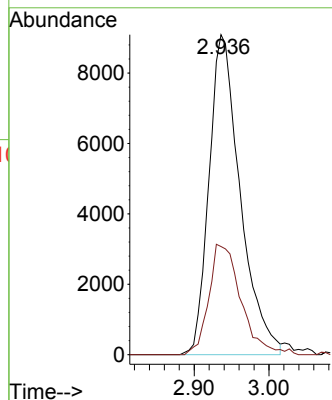
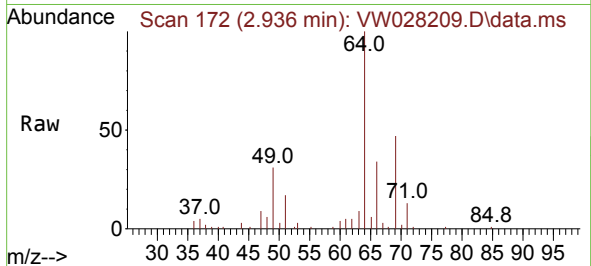




#8
Chloroethane
Concen: 21.921 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

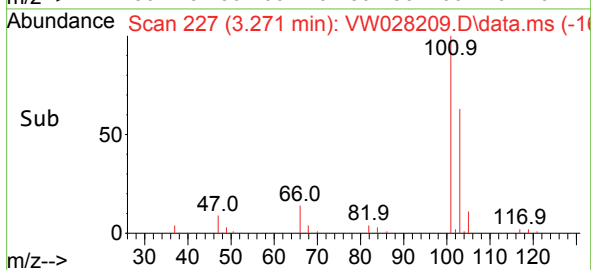
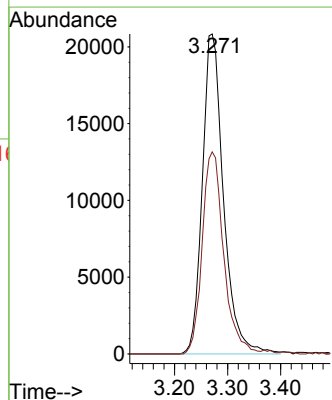
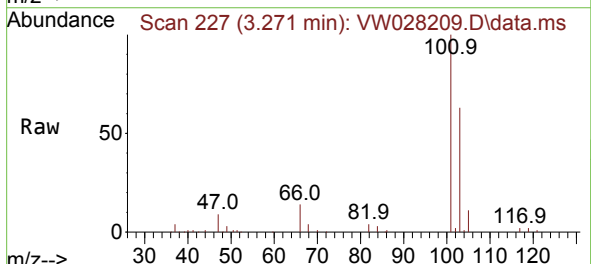
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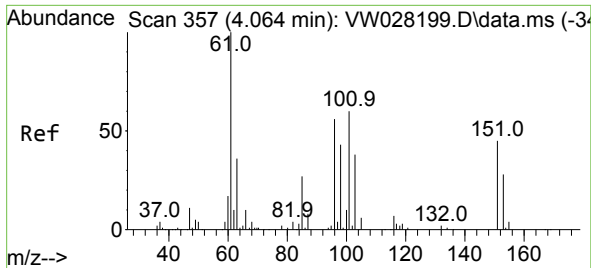
Tgt Ion: 64 Resp: 26359
Ion Ratio Lower Upper
64 100
66 33.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 21.379 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

Tgt Ion:101 Resp: 57827
Ion Ratio Lower Upper
101 100
103 64.0 50.9 76.3

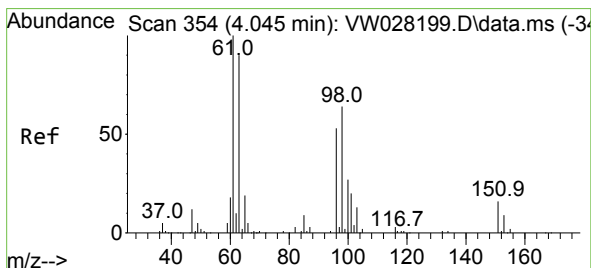
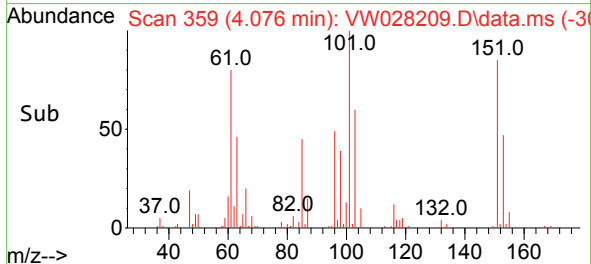
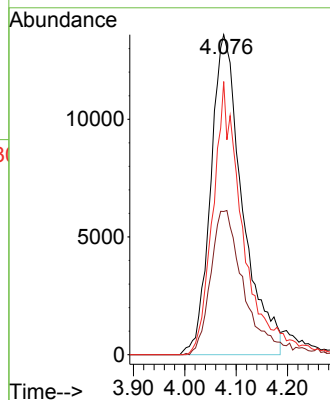
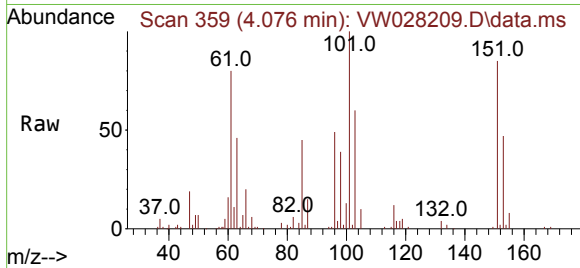




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.714 ug/L
RT: 4.076 min Scan# 357
Delta R.T. 0.012 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

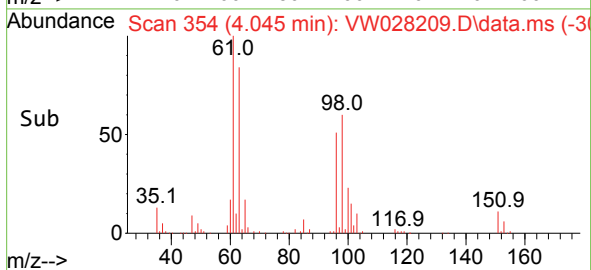
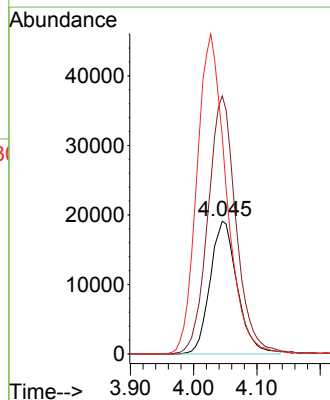
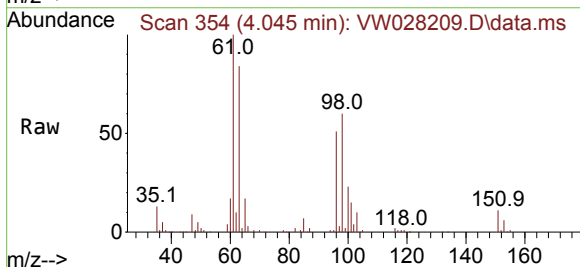
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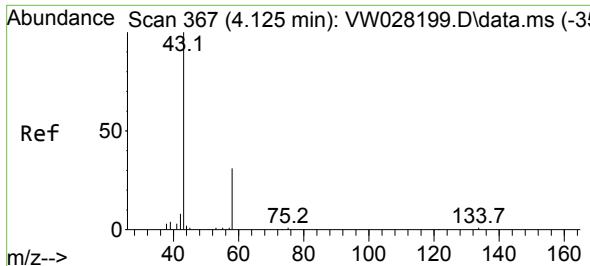
Tgt Ion:101 Resp: 58347
Ion Ratio Lower Upper
101 100
85 45.7 36.4 54.6
151 38.6 58.4 87.6#



#12
1,1-Dichloroethene
Concen: 22.920 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

Tgt Ion: 96 Resp: 56932
Ion Ratio Lower Upper
96 100
61 194.3 132.2 245.4
63 163.7 104.6 194.2





#13

Acetone

Concen: 38.992 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.006 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

Instrument :

MSVOA_W

ClientSampleId :

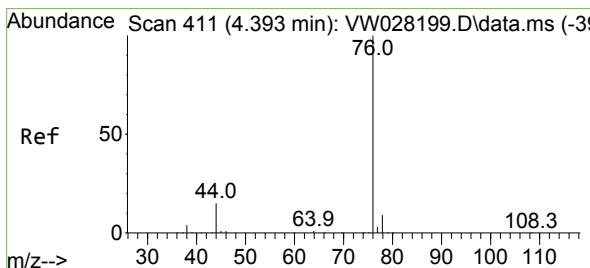
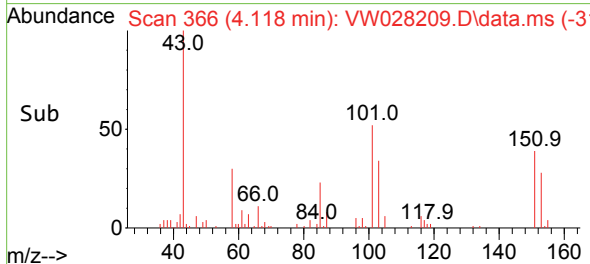
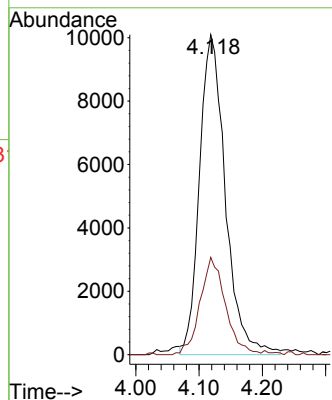
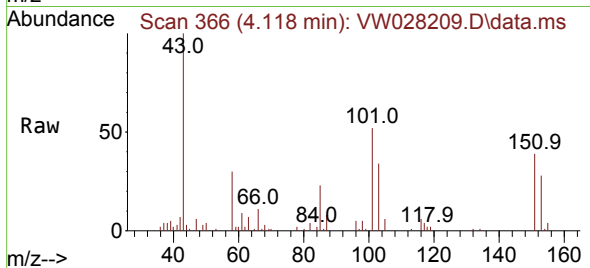
VSTD025518

Tgt Ion: 43 Resp: 28739

Ion Ratio Lower Upper

43 100

58 29.7 0.0 57.8



#14

Carbon disulfide

Concen: 22.362 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW028209.D

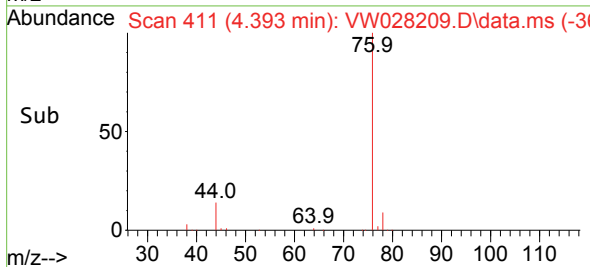
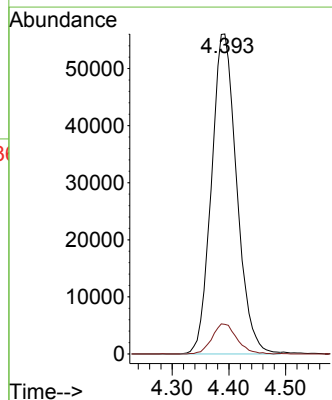
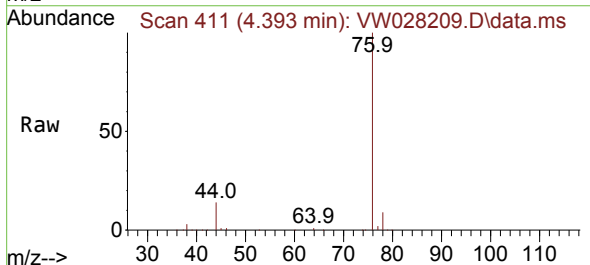
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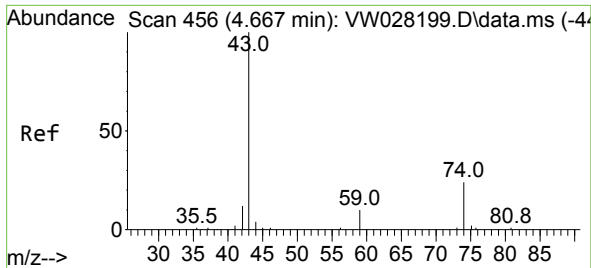
Tgt Ion: 76 Resp: 173245

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

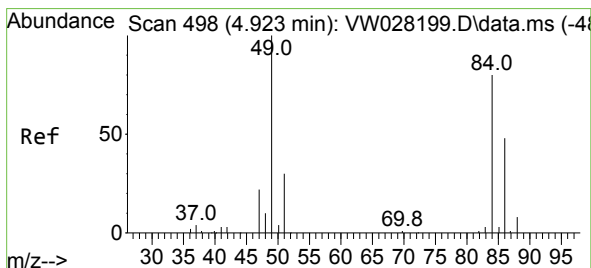
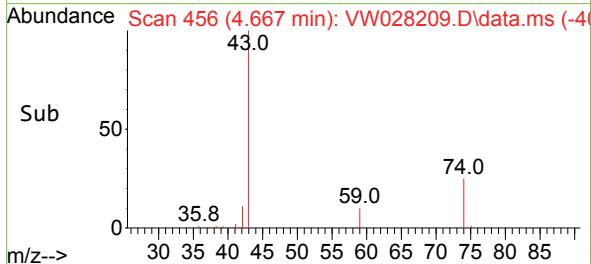
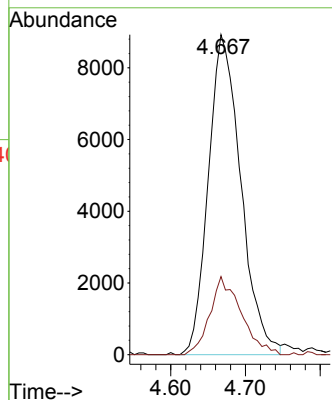
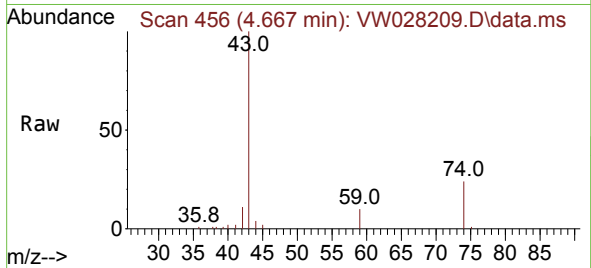




#15
Methyl Acetate
Concen: 23.709 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

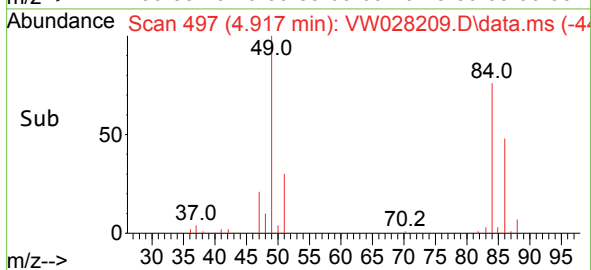
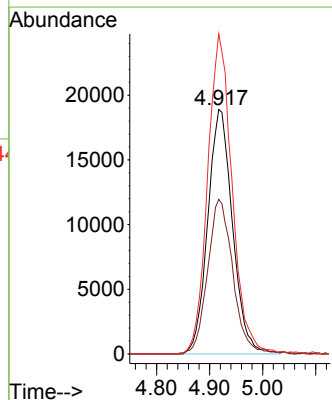
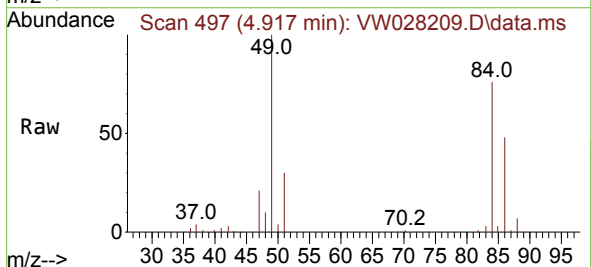
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

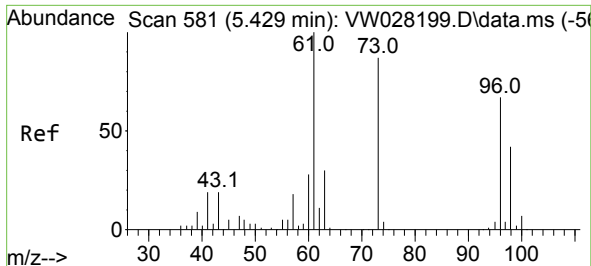
Tgt Ion: 43 Resp: 26917
Ion Ratio Lower Upper
43 100
74 23.5 18.2 27.2



#16
Methylene chloride
Concen: 20.995 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

Tgt Ion: 84 Resp: 61468
Ion Ratio Lower Upper
84 100
86 63.2 43.1 80.1
49 130.9 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 23.163 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025518

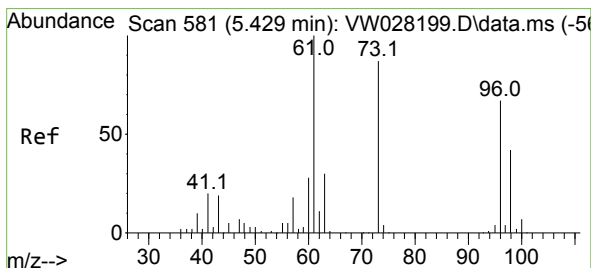
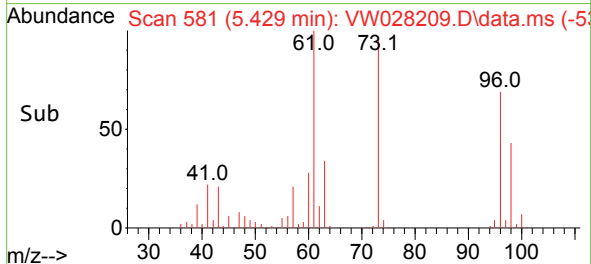
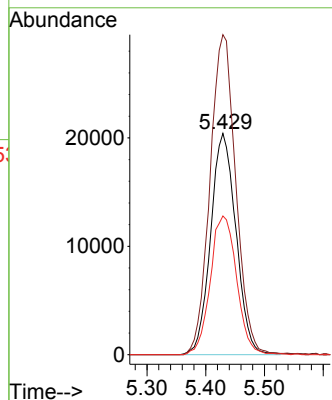
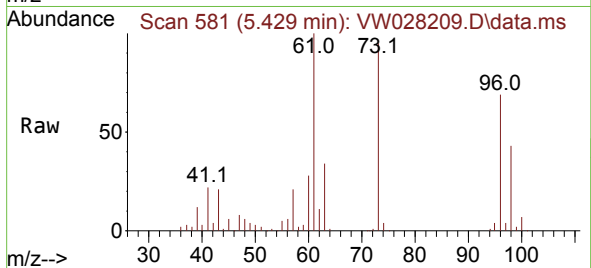
Tgt Ion: 96 Resp: 61145

Ion Ratio Lower Upper

96 100

61 144.6 98.4 182.8

98 62.7 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 25.015 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

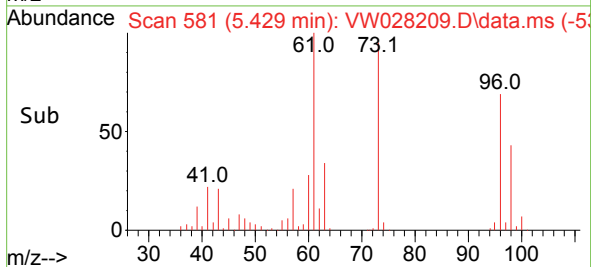
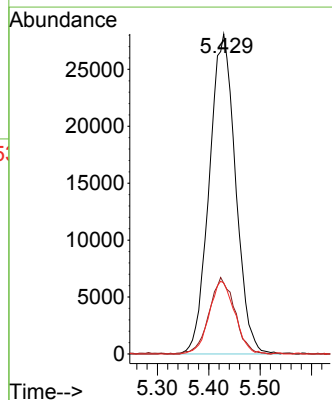
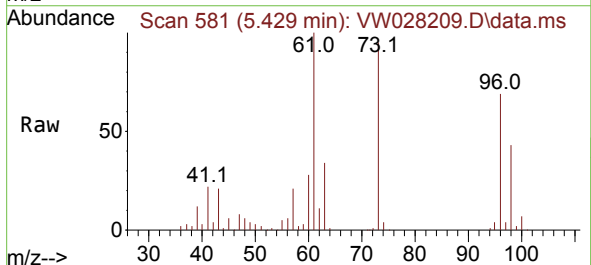
Tgt Ion: 73 Resp: 99631

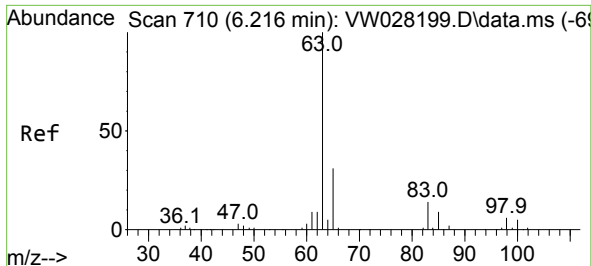
Ion Ratio Lower Upper

73 100

43 23.4 18.2 27.4

57 22.1 17.4 26.2





#19

1,1-Dichloroethane

Concen: 23.439 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025518

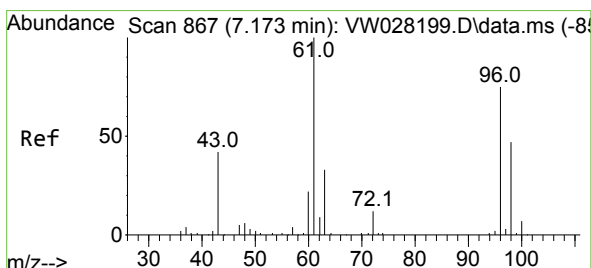
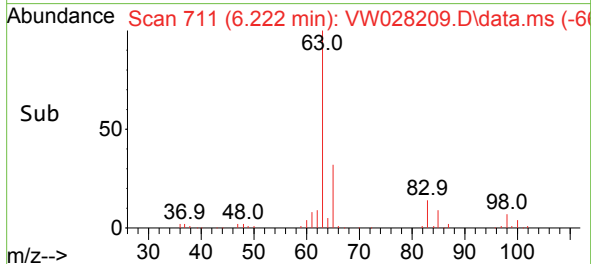
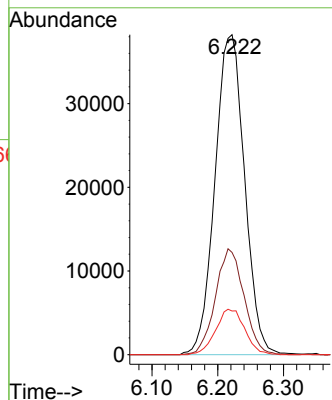
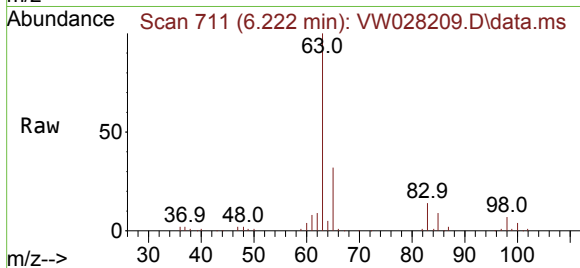
Tgt Ion: 63 Resp: 119785

Ion Ratio Lower Upper

63 100

65 31.9 22.1 41.1

83 13.6 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.982 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

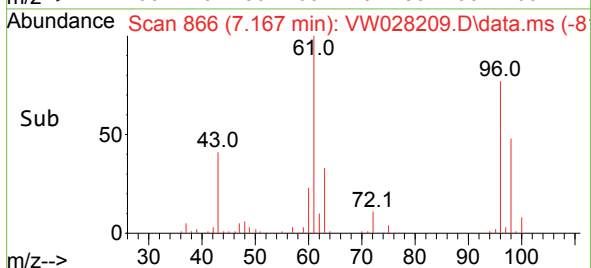
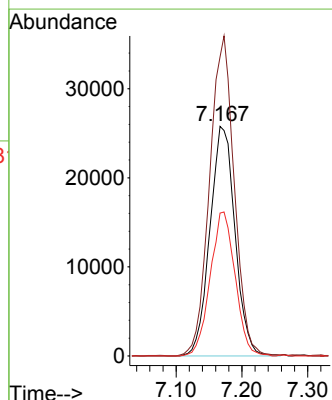
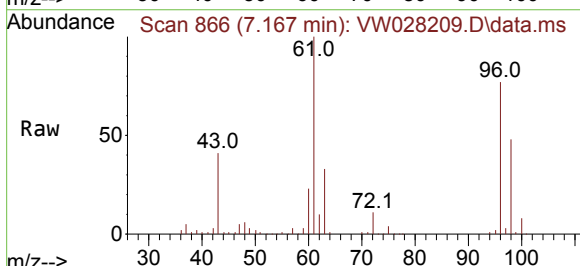
Tgt Ion: 96 Resp: 68372

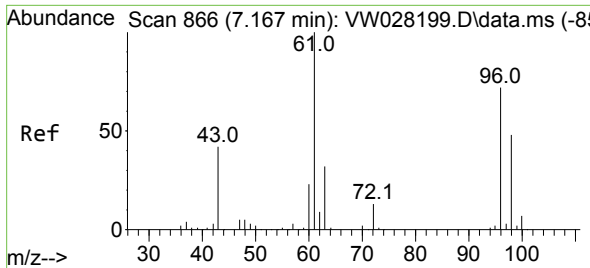
Ion Ratio Lower Upper

96 100

61 130.3 95.7 177.7

98 62.2 43.9 81.5

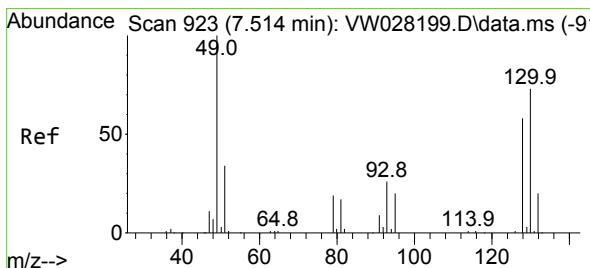
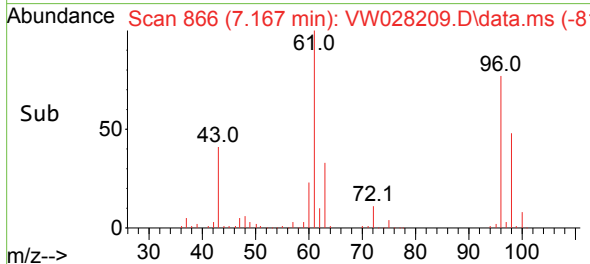
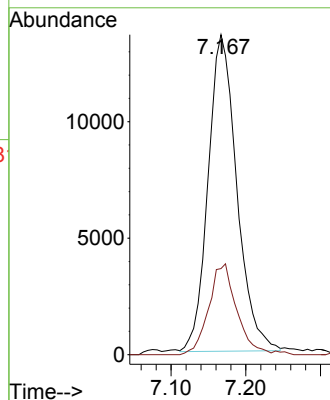
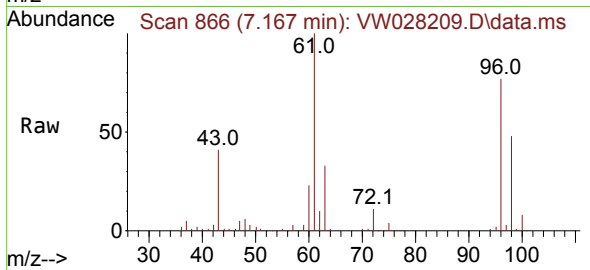




#22
2-Butanone
Concen: 43.475 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

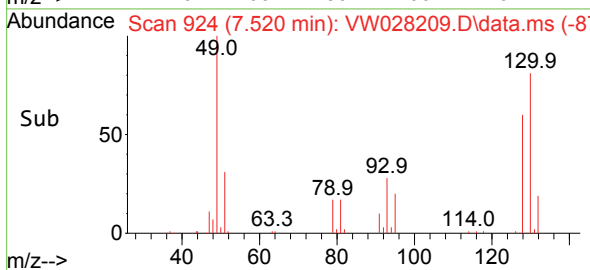
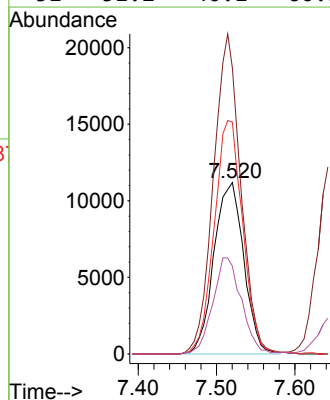
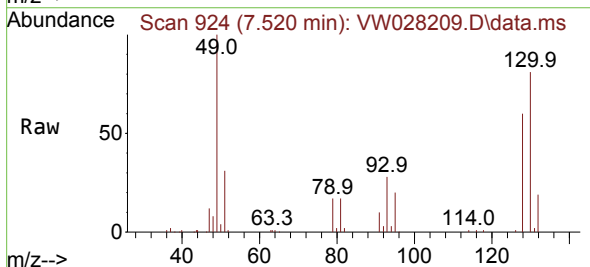
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

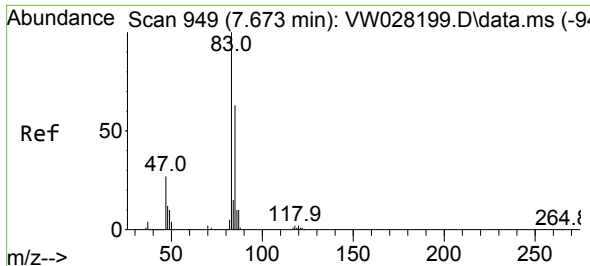
Tgt Ion: 43 Resp: 36381
Ion Ratio Lower Upper
43 100
72 27.7 12.8 38.4



#23
Bromochloromethane
Concen: 23.468 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

Tgt Ion: 128 Resp: 29580
Ion Ratio Lower Upper
128 100
49 166.9 116.6 216.6
130 135.3 80.1 148.7
51 51.2 40.1 60.1

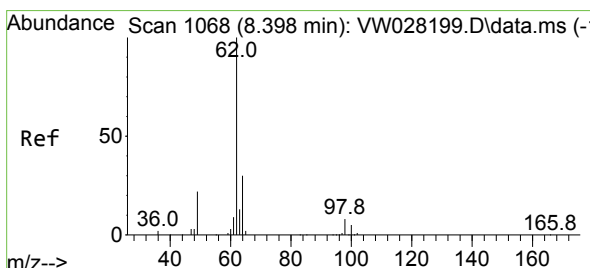
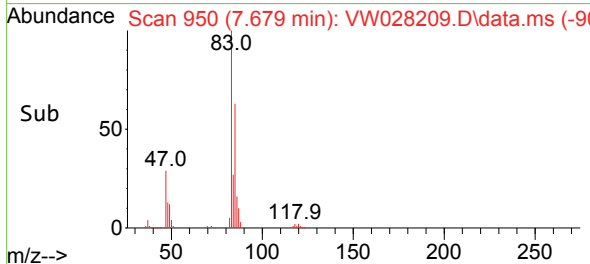
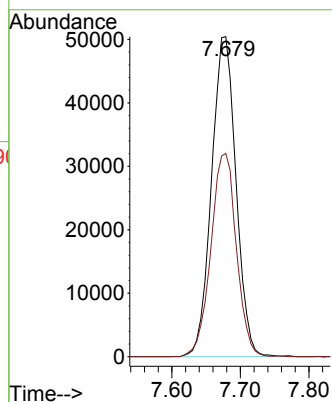
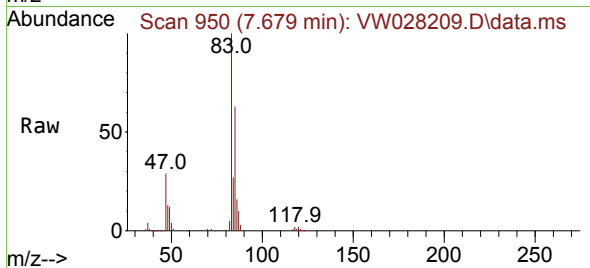




#25
Chloroform
Concen: 23.763 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

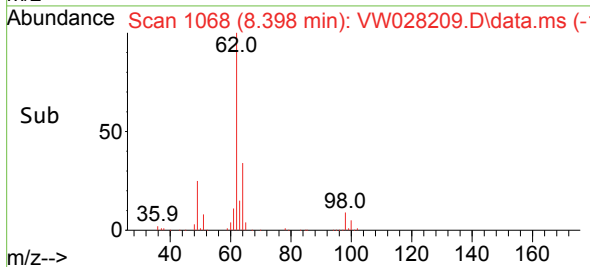
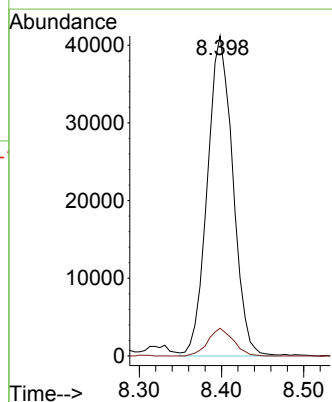
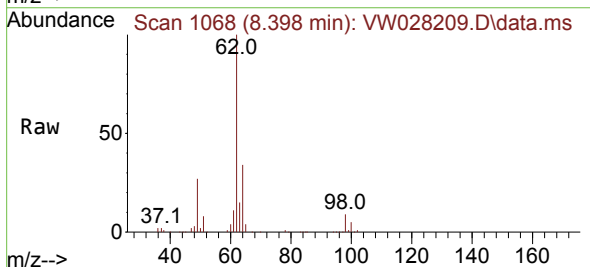
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

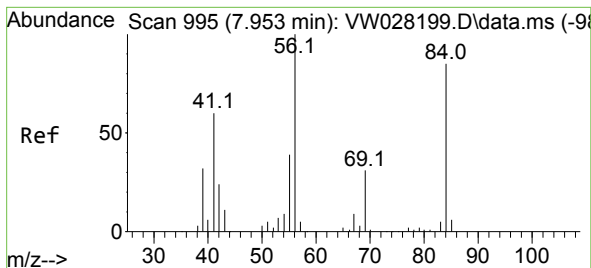
Tgt Ion: 83 Resp: 125020
Ion Ratio Lower Upper
83 100
85 63.5 44.5 82.7



#27
1,2-Dichloroethane
Concen: 23.860 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

Tgt Ion: 62 Resp: 88649
Ion Ratio Lower Upper
62 100
98 8.7 5.9 8.9





#29

Cyclohexane

Concen: 22.782 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025518

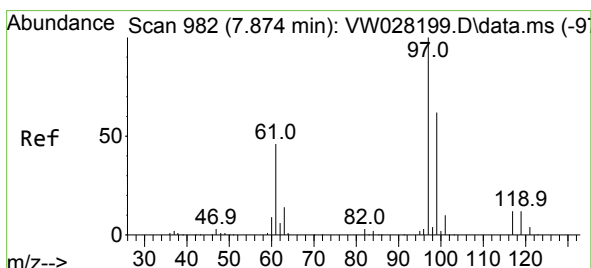
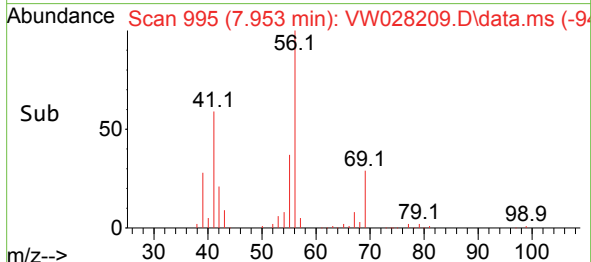
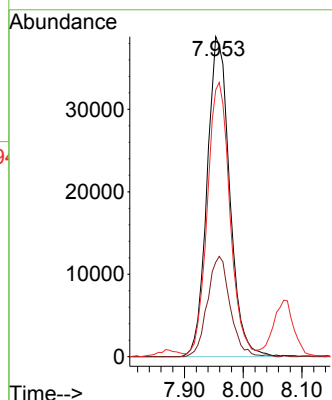
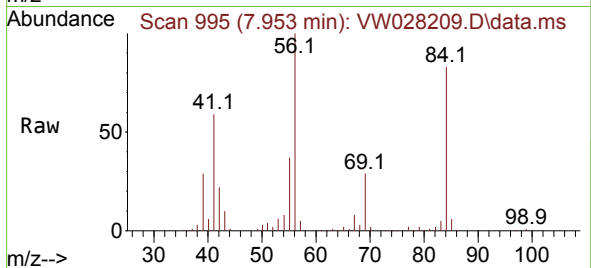
Tgt Ion: 56 Resp: 103625

Ion Ratio Lower Upper

56 100

69 31.4 24.0 36.0

84 85.6 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 23.878 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

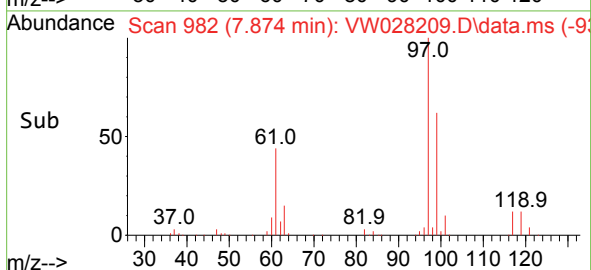
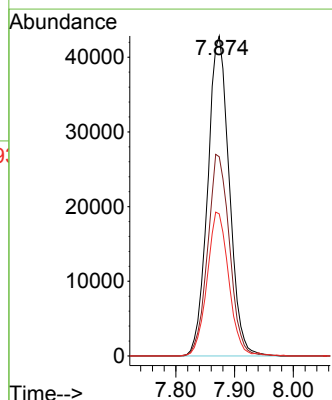
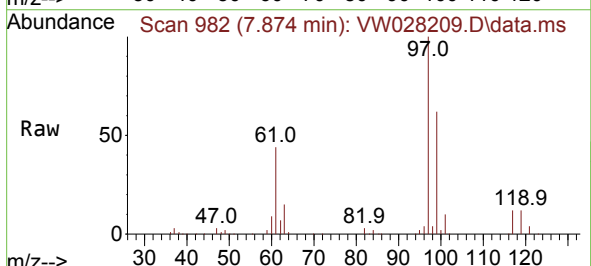
Tgt Ion: 97 Resp: 109156

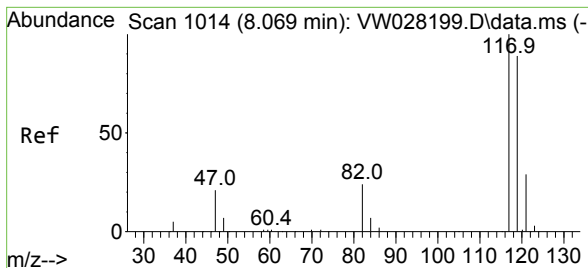
Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

61 45.0 37.0 55.6

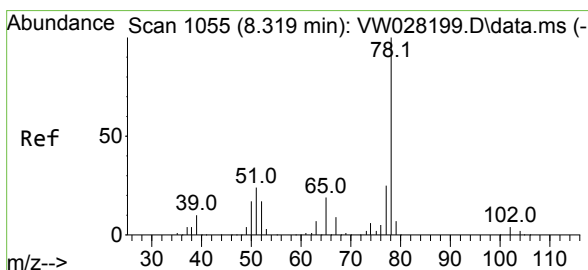
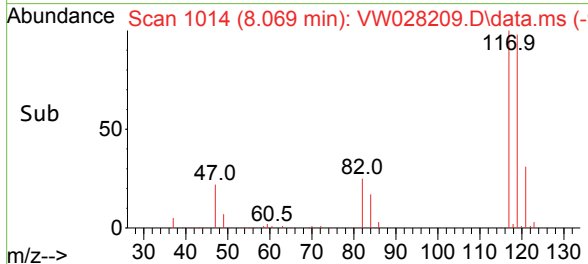
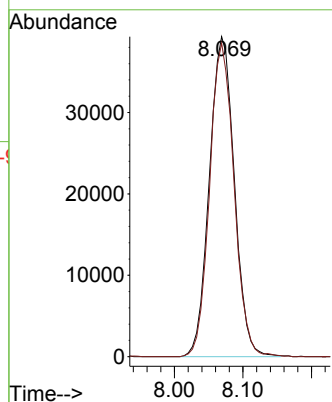
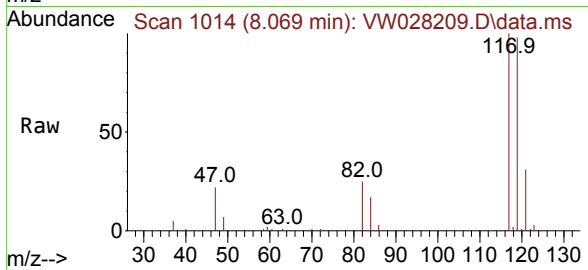




#31
Carbon tetrachloride
Concen: 23.199 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

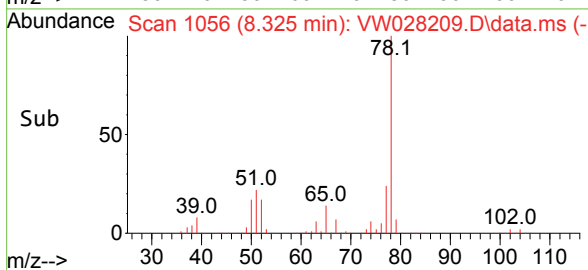
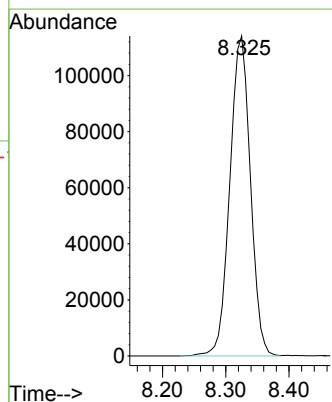
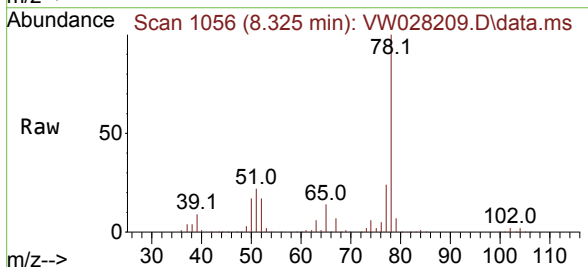
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

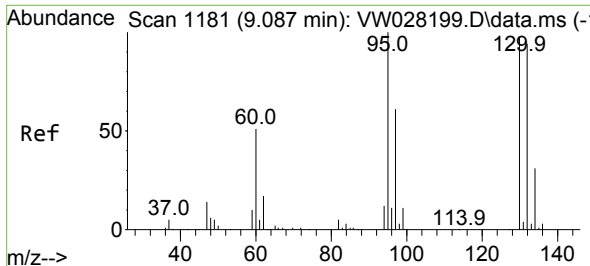
Tgt Ion:117 Resp: 99476
Ion Ratio Lower Upper
117 100
119 95.6 78.2 117.4



#33
Benzene
Concen: 24.041 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

Tgt Ion: 78 Resp: 257983



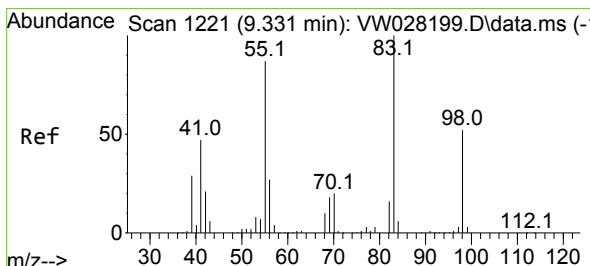
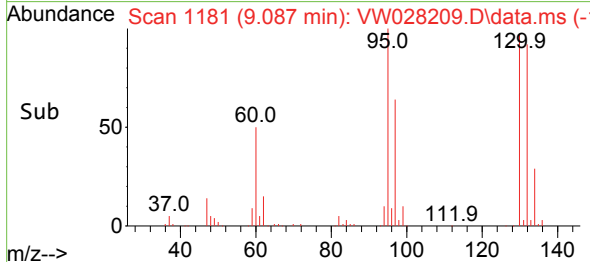
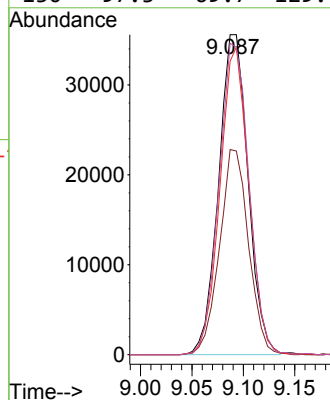
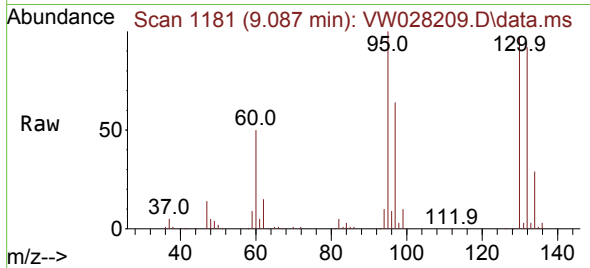


#34
Trichloroethene
Concen: 23.699 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

Tgt Ion: 95 Resp: 70954

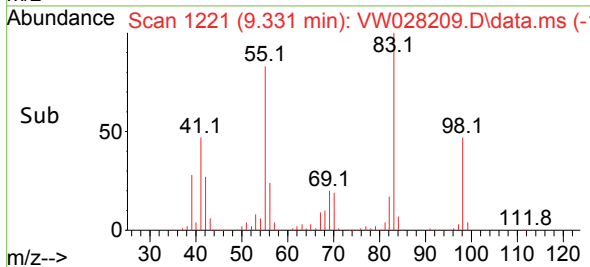
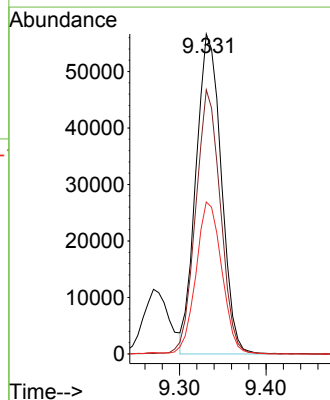
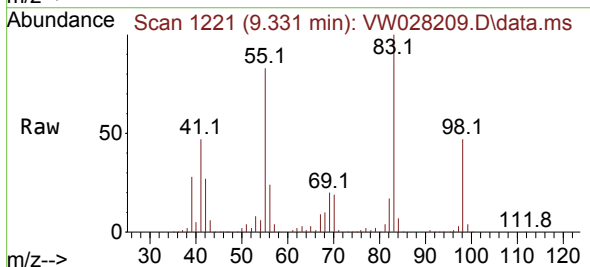
Ion	Ratio	Lower	Upper
95	100		
97	64.1	42.4	78.6
132	91.7	69.4	128.8
130	97.3	69.7	129.4

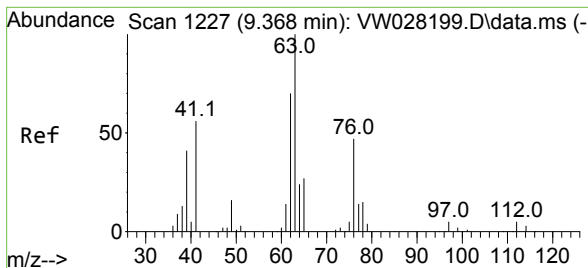


#35
Methylcyclohexane
Concen: 22.692 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

Tgt Ion: 83 Resp: 114834

Ion	Ratio	Lower	Upper
83	100		
55	80.7	64.2	96.4
98	48.4	38.3	57.5

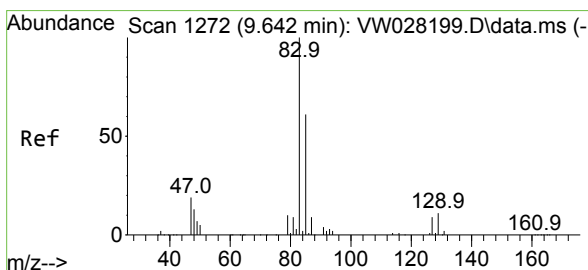
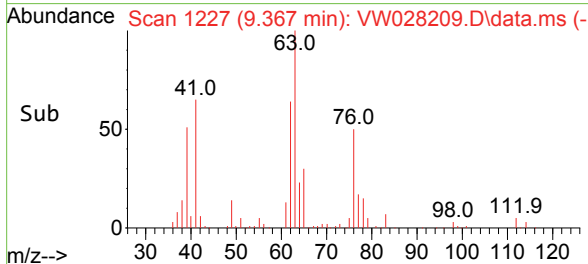
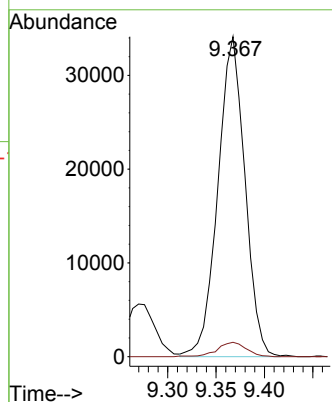
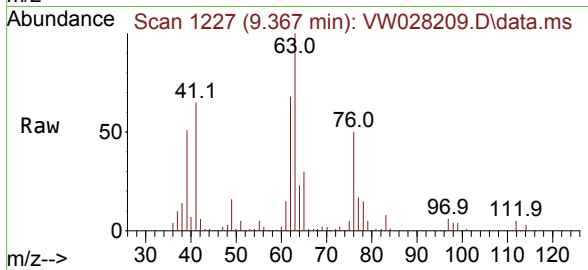




#37
1,2-Dichloropropane
Concen: 24.181 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

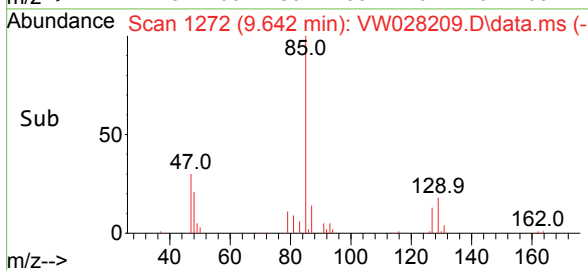
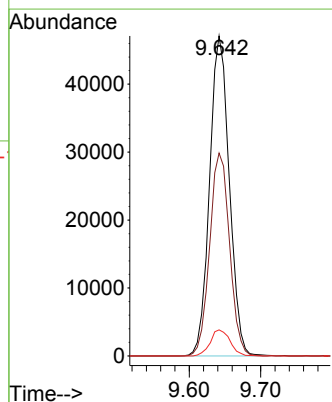
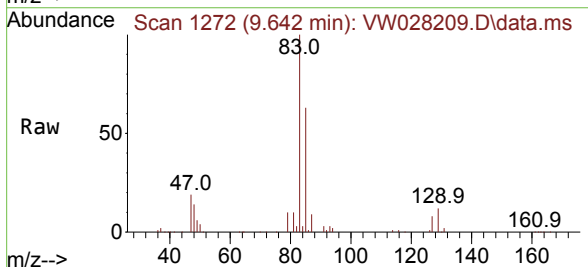
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

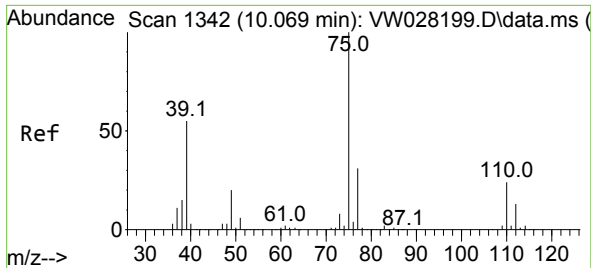
Tgt Ion: 63 Resp: 66371
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.8



#38
Bromodichloromethane
Concen: 24.357 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

Tgt Ion: 83 Resp: 90138
Ion Ratio Lower Upper
83 100
85 63.4 45.8 85.2
127 8.1 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 24.754 ug/L

RT: 10.069 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

Instrument :

MSVOA_W

ClientSampleId :

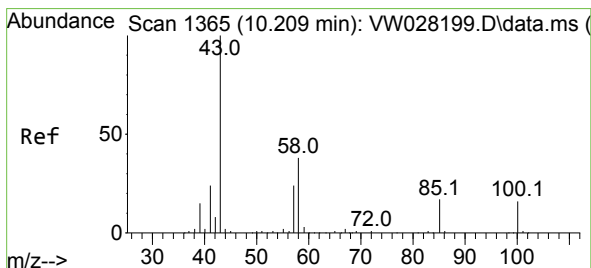
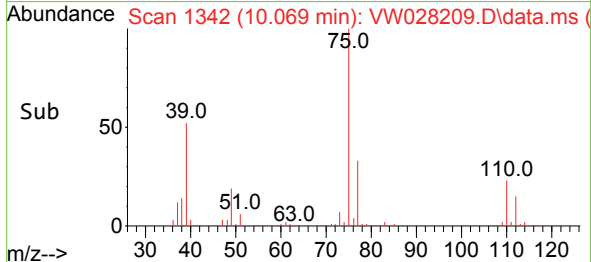
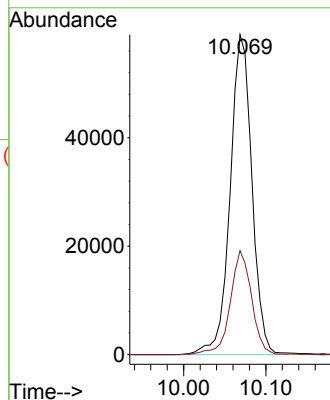
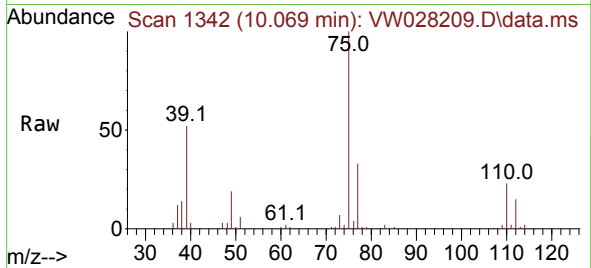
VSTD025518

Tgt Ion: 75 Resp: 108811

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 51.305 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

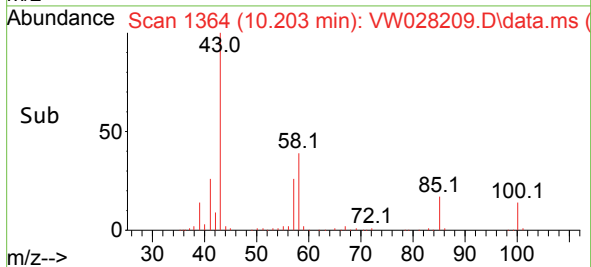
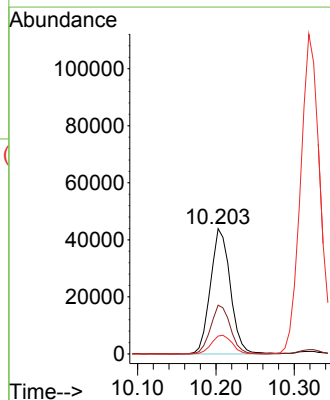
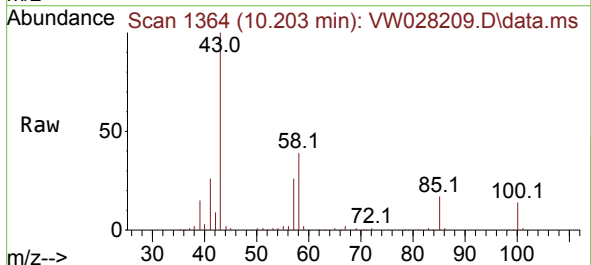
Tgt Ion: 43 Resp: 77731

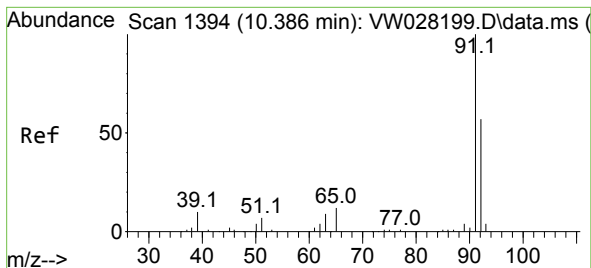
Ion Ratio Lower Upper

43 100

58 38.7 30.1 45.1

100 15.6 11.8 17.8





#42

Toluene

Concen: 23.777 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

Instrument :

MSVOA_W

ClientSampleId :

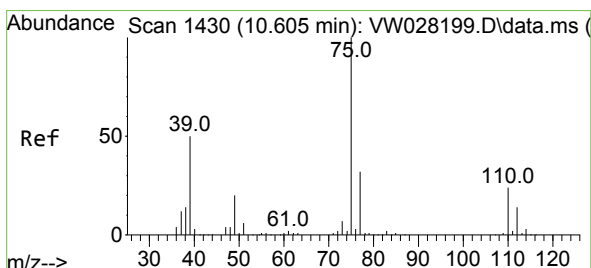
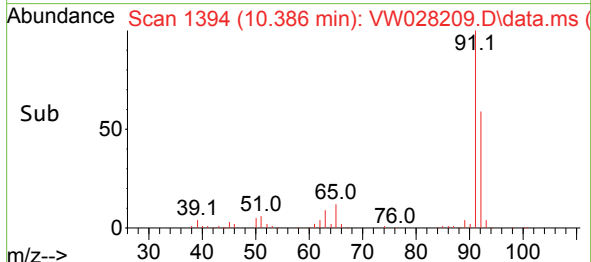
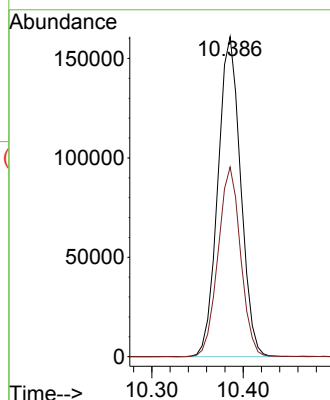
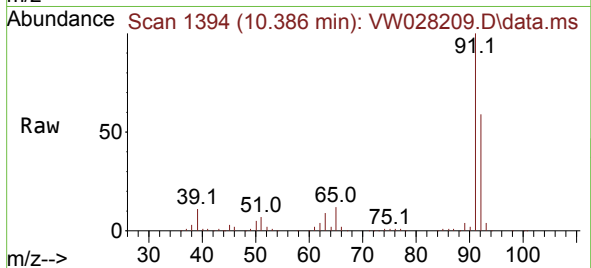
VSTD025518

Tgt Ion: 91 Resp: 278466

Ion Ratio Lower Upper

91 100

92 59.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 24.991 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028209.D

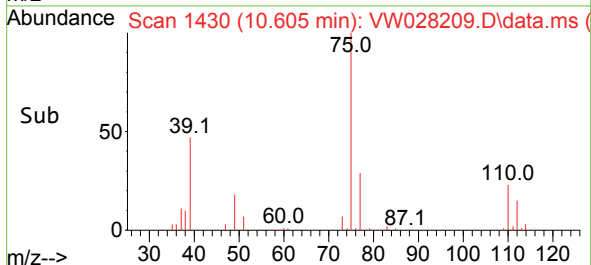
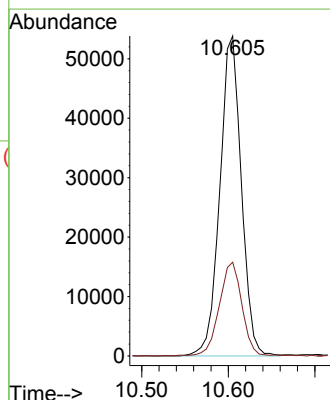
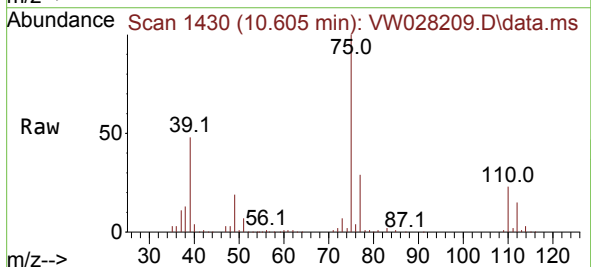
Acq: 15 Mar 2024 14:27

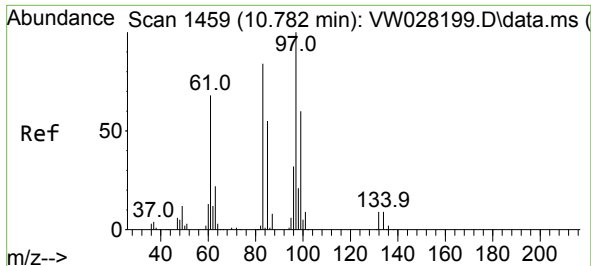
Tgt Ion: 75 Resp: 92748

Ion Ratio Lower Upper

75 100

77 29.3 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 24.798 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025518

Tgt Ion: 97 Resp: 49178

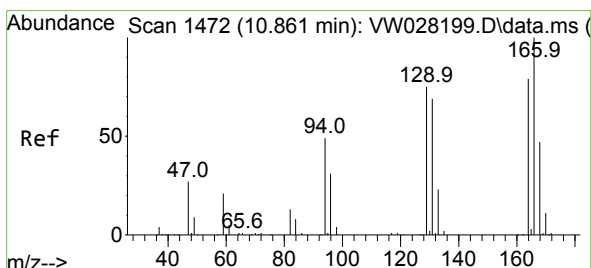
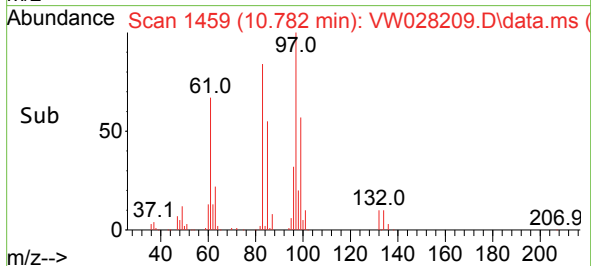
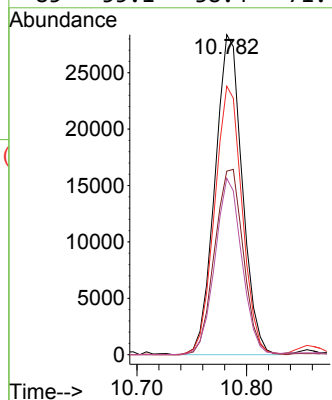
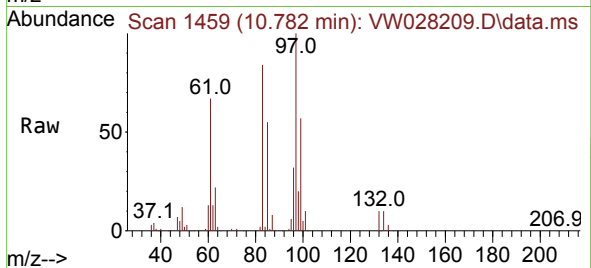
Ion Ratio Lower Upper

97 100

99 57.3 43.4 80.6

83 83.9 59.4 110.4

85 55.1 38.4 71.4



#46

Tetrachloroethene

Concen: 22.665 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

Tgt Ion:164 Resp: 54697

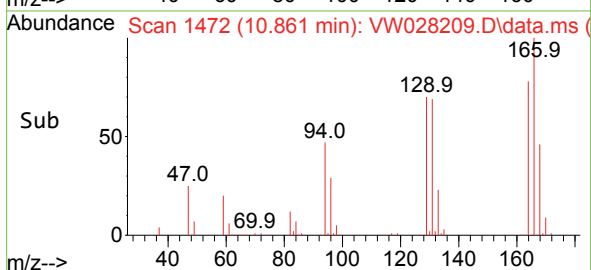
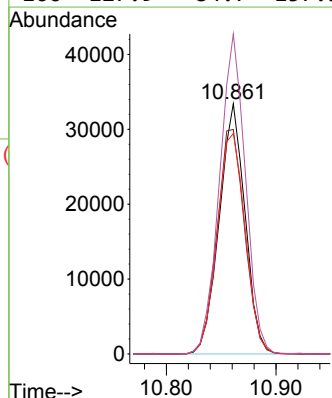
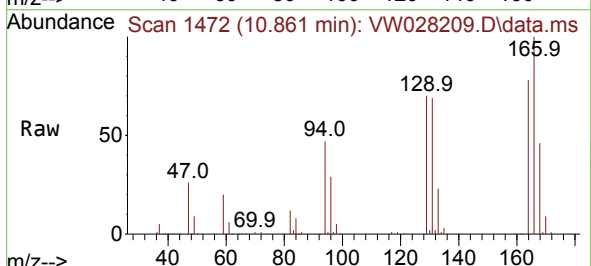
Ion Ratio Lower Upper

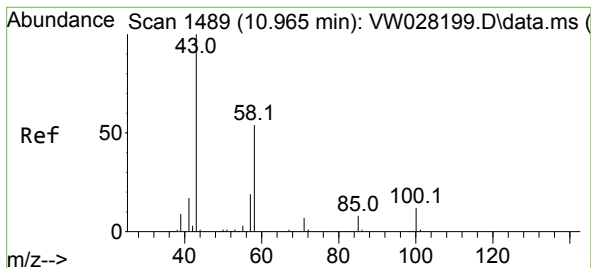
164 100

129 89.7 64.0 119.0

131 88.1 62.6 116.3

166 127.9 84.7 157.3





#48

2-Hexanone

Concen: 47.126 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025518

Tgt Ion: 43 Resp: 55930

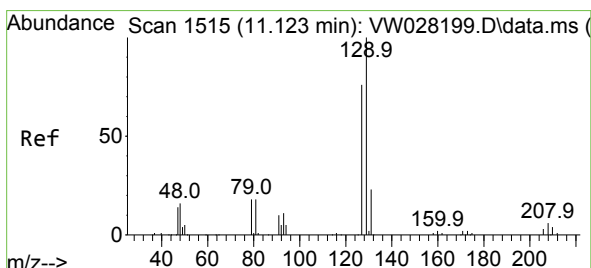
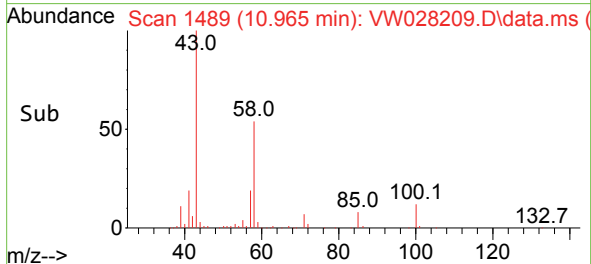
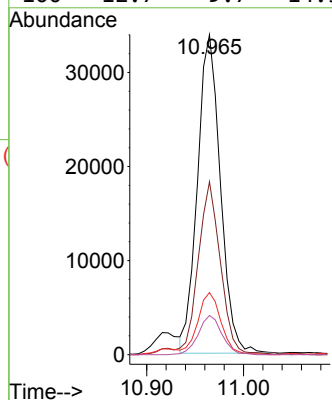
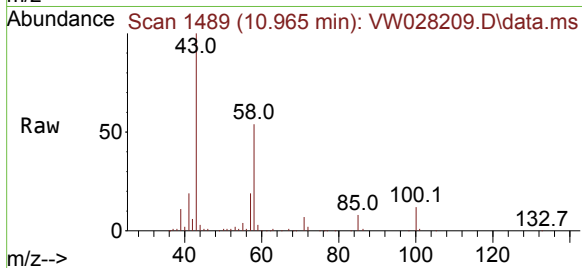
Ion Ratio Lower Upper

43 100

58 52.3 40.6 61.0

57 19.8 15.7 23.5

100 12.7 9.7 14.5



#49

Dibromochloromethane

Concen: 24.485 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW028209.D

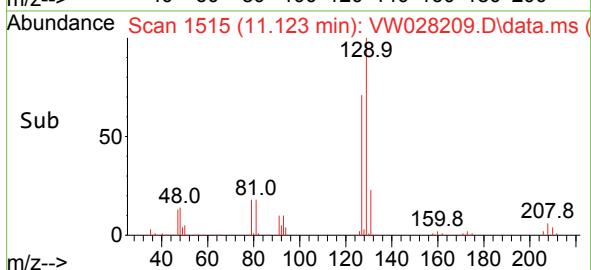
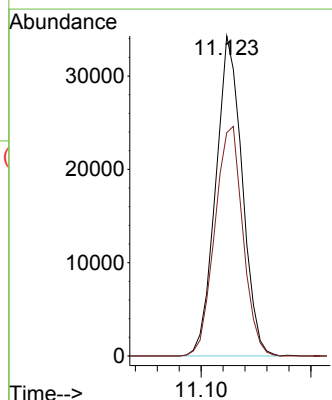
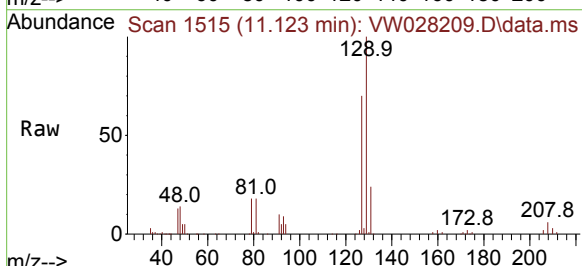
Acq: 15 Mar 2024 14:27

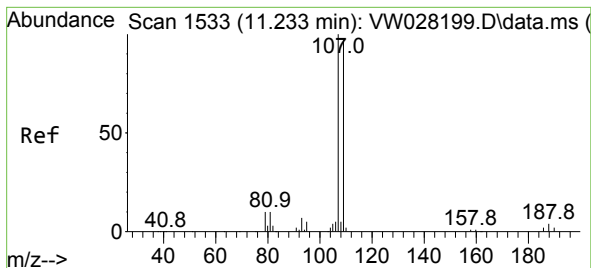
Tgt Ion:129 Resp: 57506

Ion Ratio Lower Upper

129 100

127 69.8 53.1 98.7

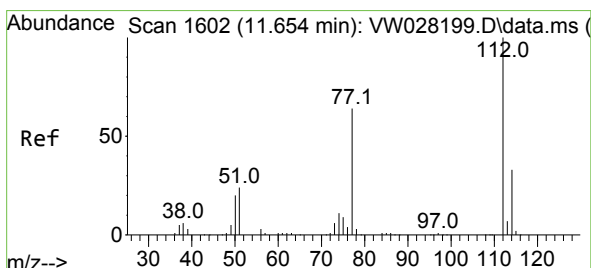
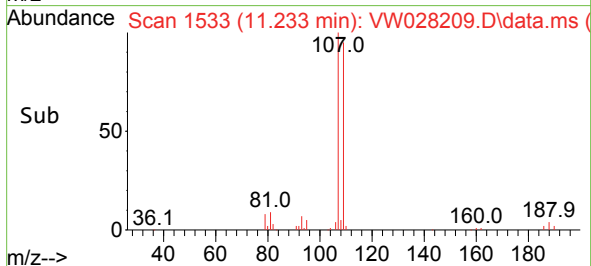
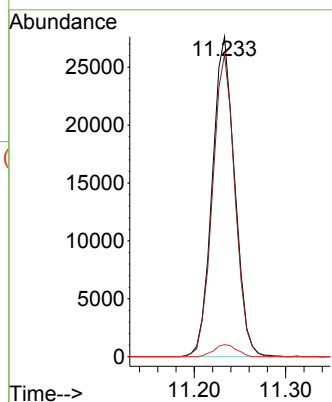
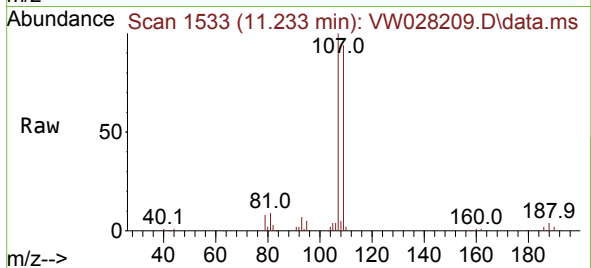




#50
1,2-Dibromoethane
Concen: 24.875 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

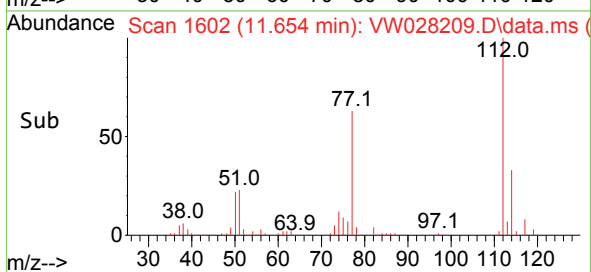
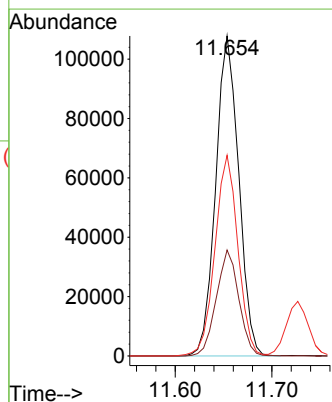
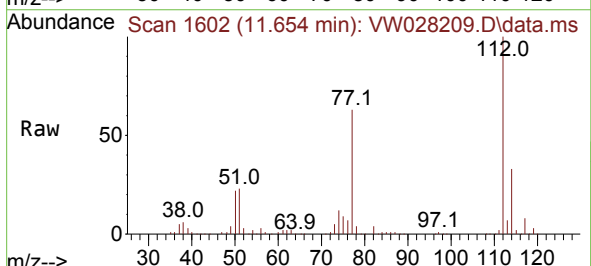
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

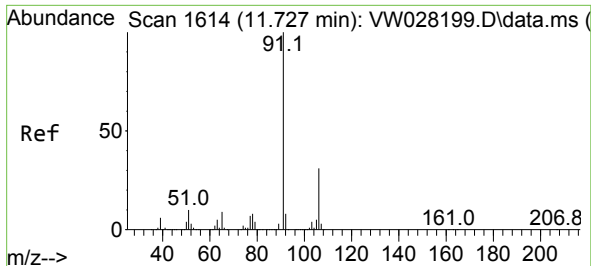
Tgt Ion:	107	Resp:	47170
Ion	Ratio	Lower	Upper
107	100		
109	94.4	64.4	119.6
188	3.8	3.4	5.2



#51
Chlorobenzene
Concen: 23.960 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

Tgt Ion:	112	Resp:	178111
Ion	Ratio	Lower	Upper
112	100		
114	33.1	21.8	40.6
77	62.7	50.6	76.0

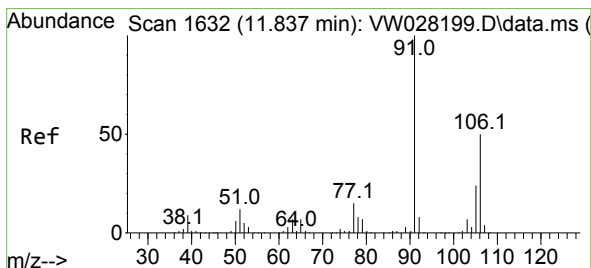
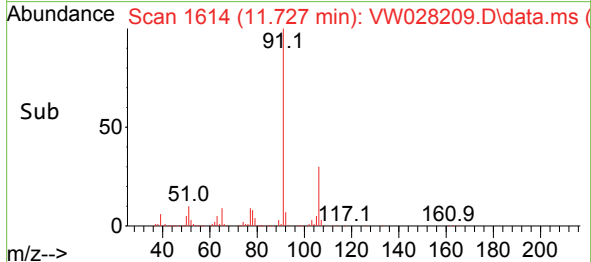
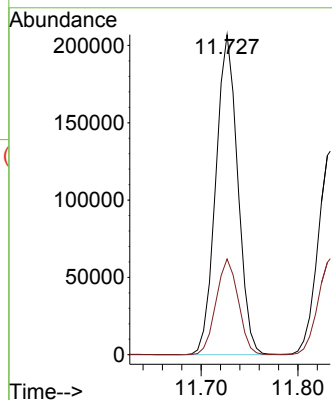
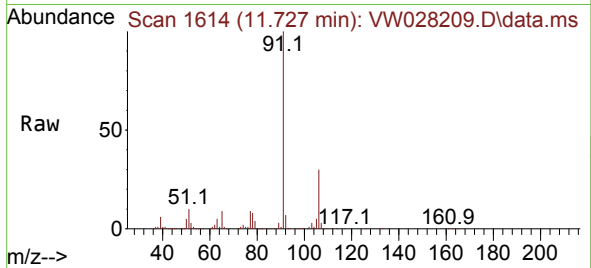




#52
Ethylbenzene
Concen: 23.853 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

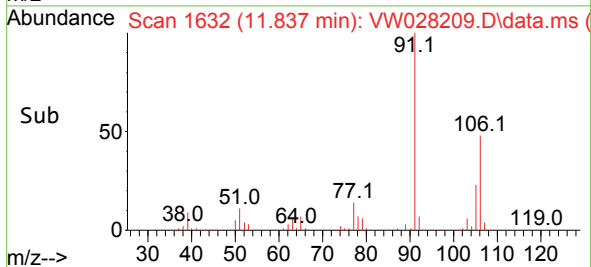
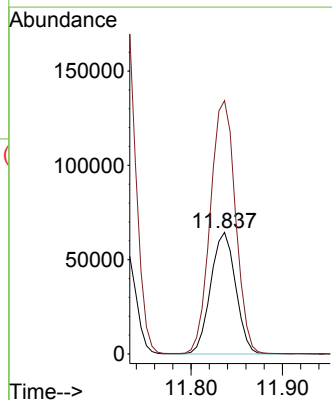
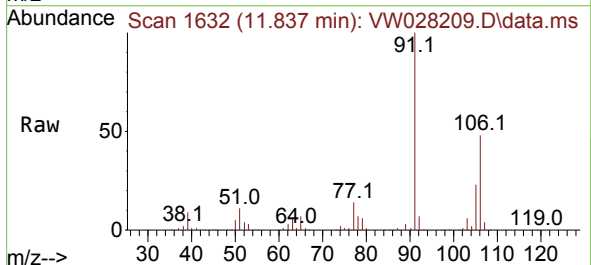
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

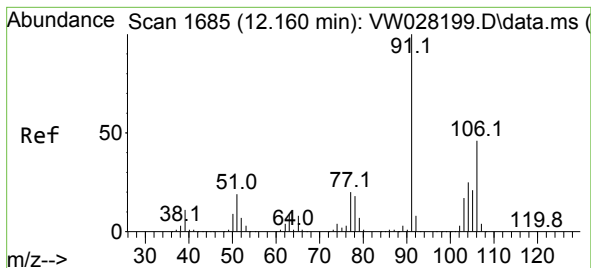
Tgt Ion: 91 Resp: 326118
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.5



#53
m,p-Xylene
Concen: 23.783 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

Tgt Ion: 106 Resp: 122362
Ion Ratio Lower Upper
106 100
91 208.3 147.1 273.1





#54

o-Xylene

Concen: 24.855 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

Instrument :

MSVOA_W

ClientSampleId :

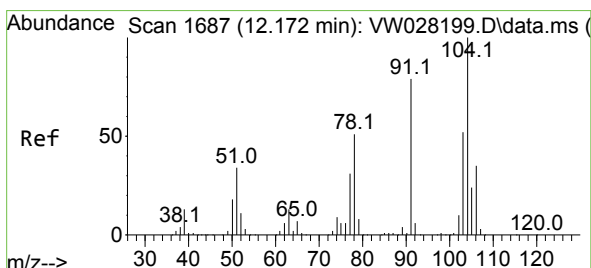
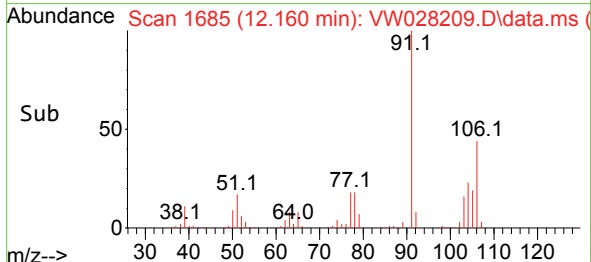
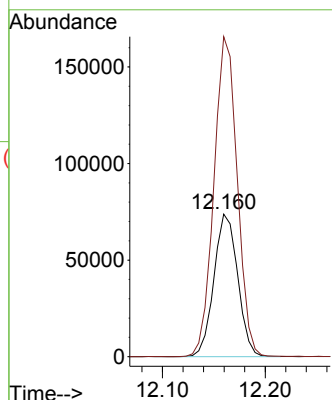
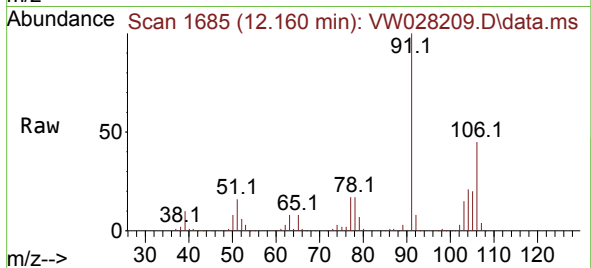
VSTD025518

Tgt Ion:106 Resp: 118584

Ion Ratio Lower Upper

106 100

91 224.6 149.2 277.2



#55

Styrene

Concen: 24.504 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.006 min

Lab File: VW028209.D

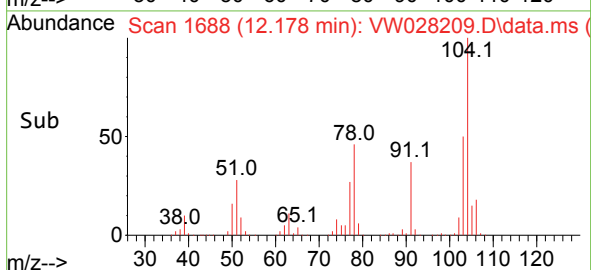
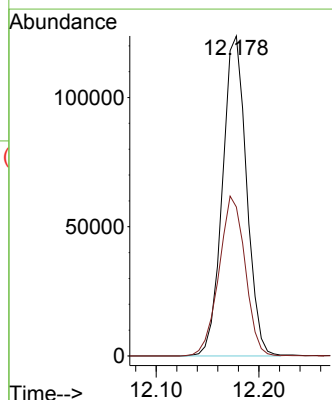
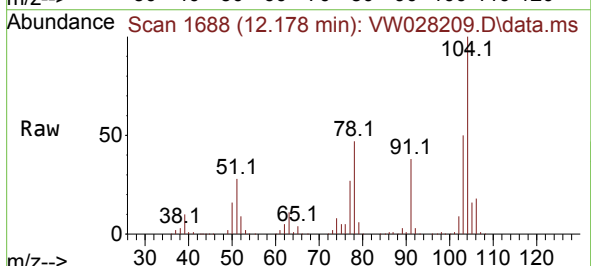
Acq: 15 Mar 2024 14:27

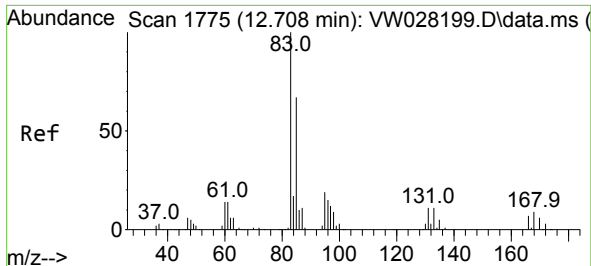
Tgt Ion:104 Resp: 200815

Ion Ratio Lower Upper

104 100

78 46.5 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 25.550 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025518

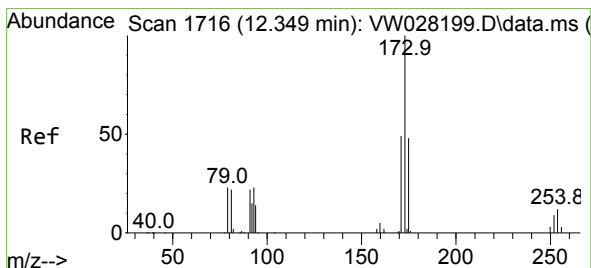
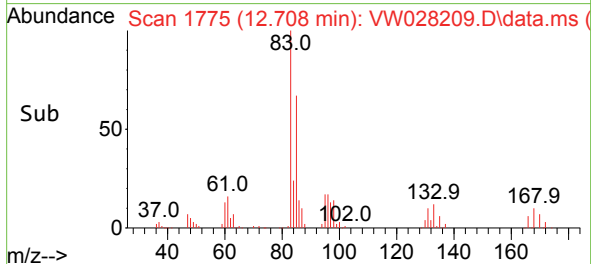
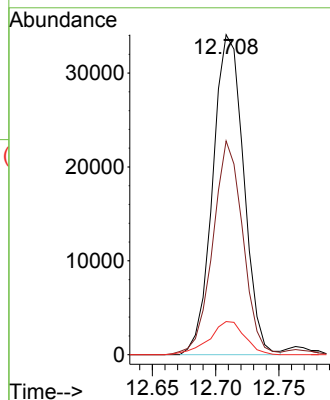
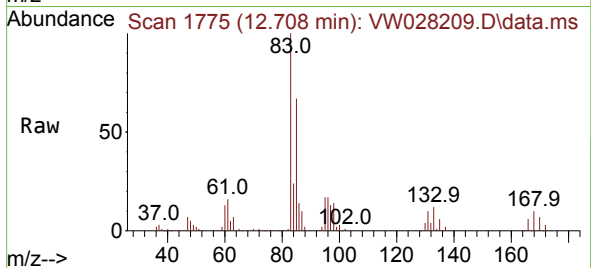
Tgt Ion: 83 Resp: 57956

Ion Ratio Lower Upper

83 100

85 66.8 47.0 87.2

131 10.4 8.9 13.3



#59

Bromoform

Concen: 24.413 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

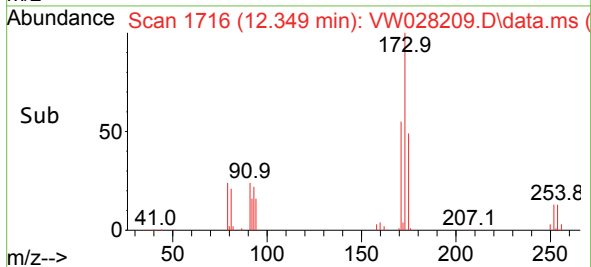
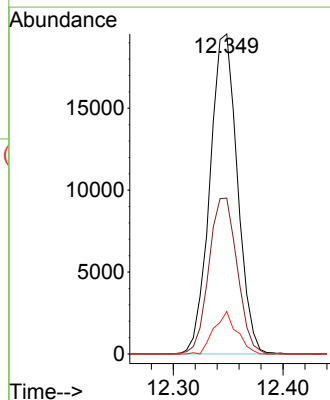
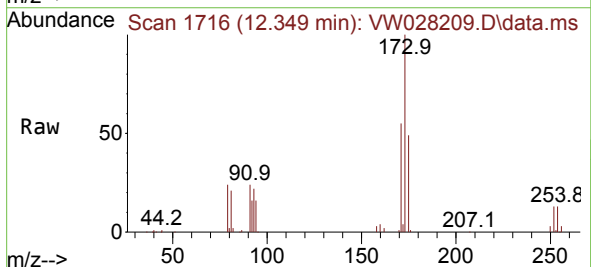
Tgt Ion: 173 Resp: 34117

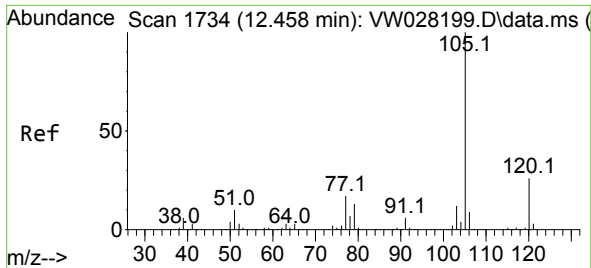
Ion Ratio Lower Upper

173 100

175 50.2 39.8 59.6

254 10.9 8.5 12.7

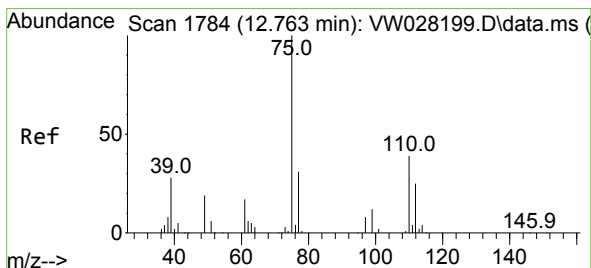
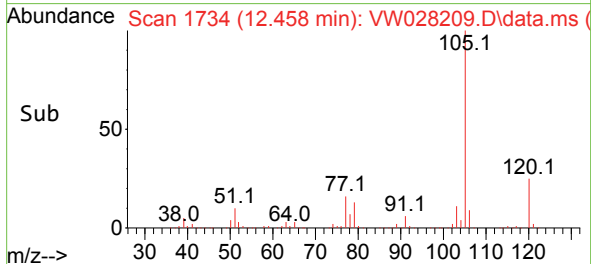
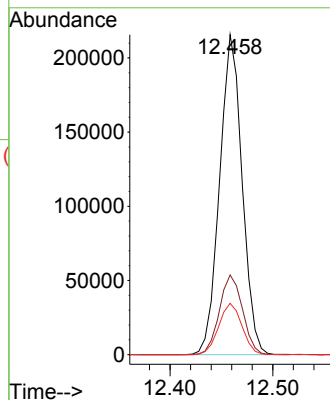
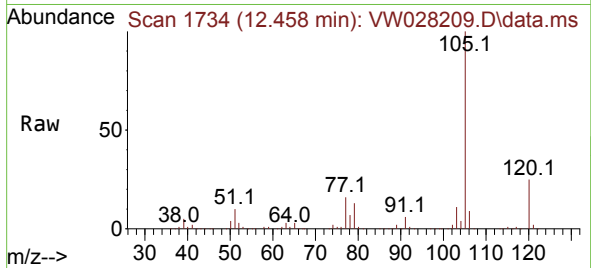




#60
Isopropylbenzene
Concen: 23.676 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

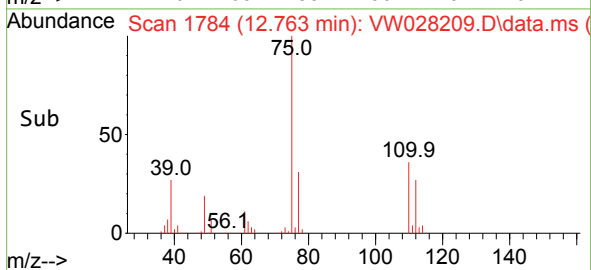
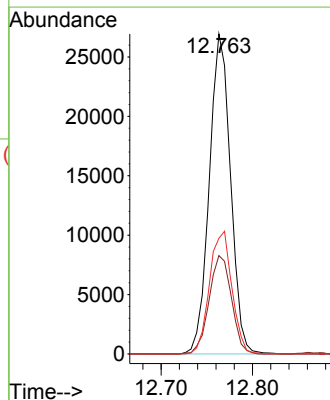
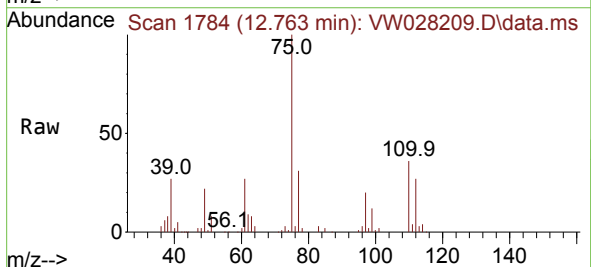
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

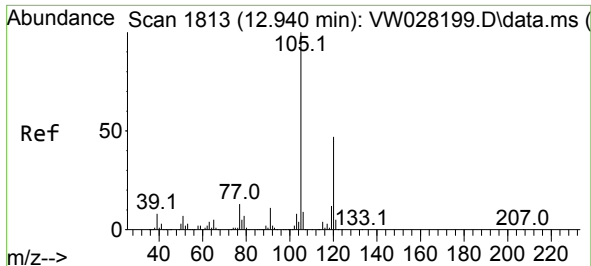
Tgt Ion:105 Resp: 328074
Ion Ratio Lower Upper
105 100
120 25.6 21.0 31.6
77 16.6 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 24.464 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

Tgt Ion: 75 Resp: 43544
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 40.4 32.2 48.2

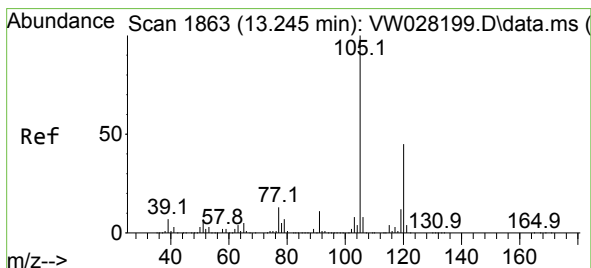
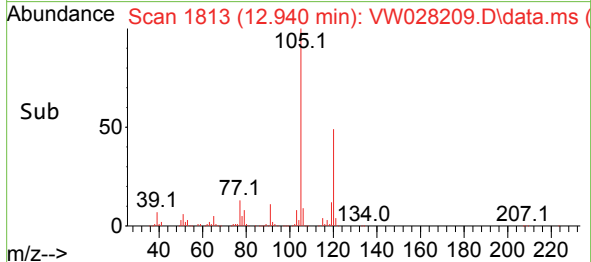
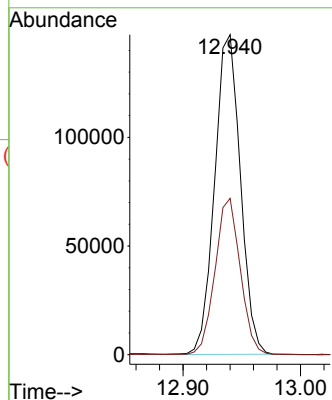
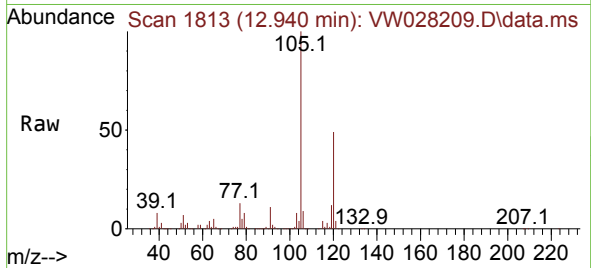




#62
1,3,5-Trimethylbenzene
Concen: 24.064 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

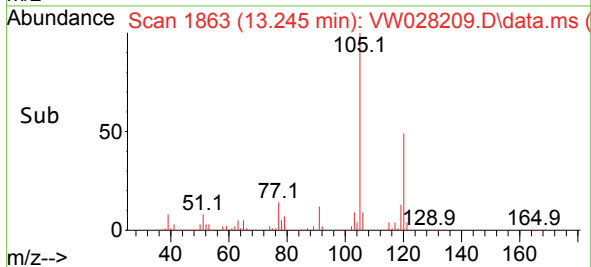
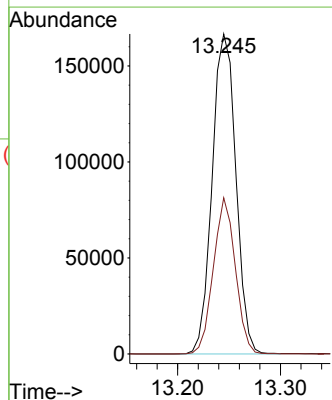
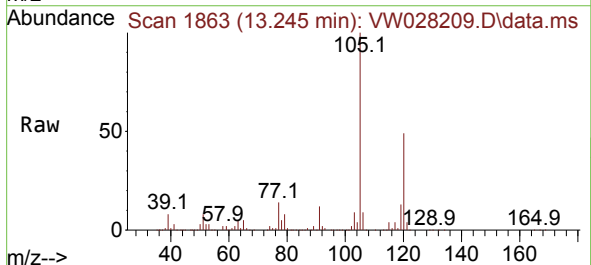
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

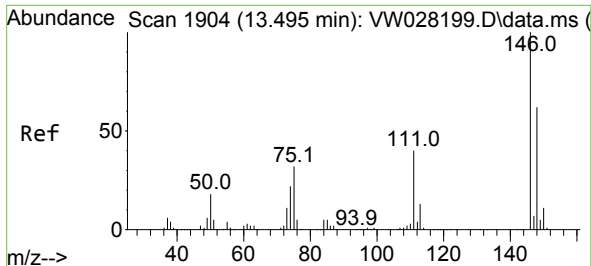
Tgt Ion:105 Resp: 223736
Ion Ratio Lower Upper
105 100
120 48.1 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 23.773 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

Tgt Ion:105 Resp: 266889
Ion Ratio Lower Upper
105 100
120 45.2 35.6 53.4

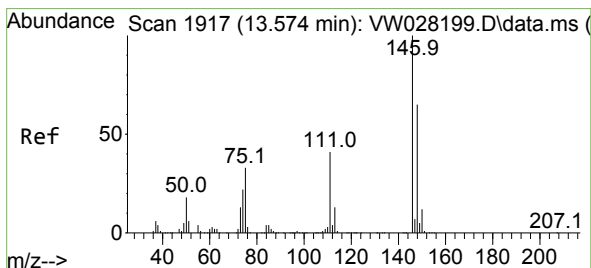
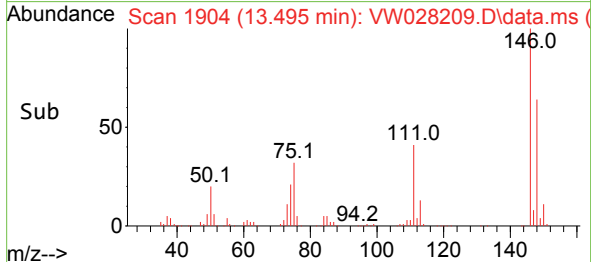
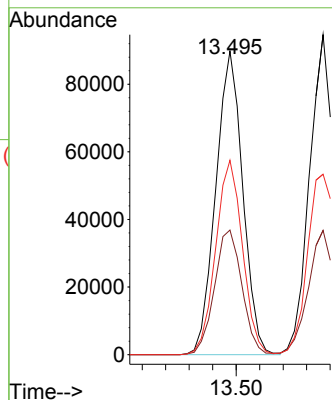
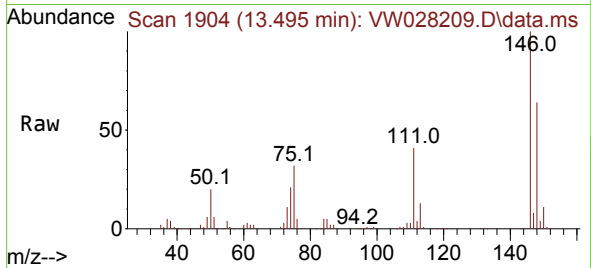




#64
1,3-Dichlorobenzene
Concen: 23.174 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

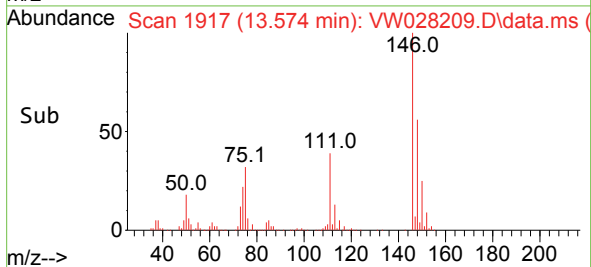
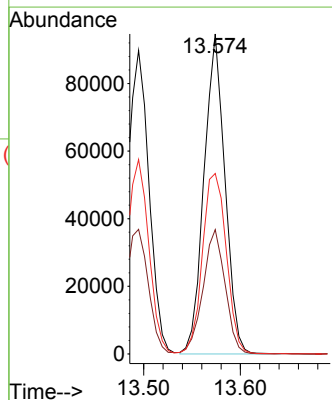
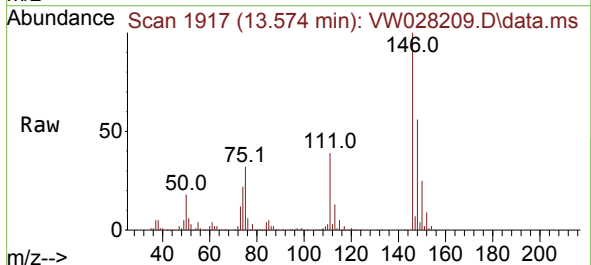
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

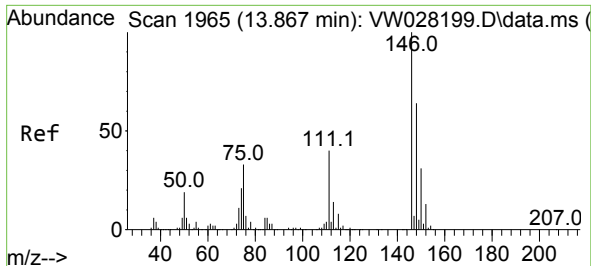
Tgt Ion:146 Resp: 143257
Ion Ratio Lower Upper
146 100
111 41.1 28.5 52.9
148 64.1 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 23.126 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028209.D
Acq: 15 Mar 2024 14:27

Tgt Ion:146 Resp: 142952
Ion Ratio Lower Upper
146 100
111 38.8 28.8 53.6
148 56.4 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 25.023 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025518

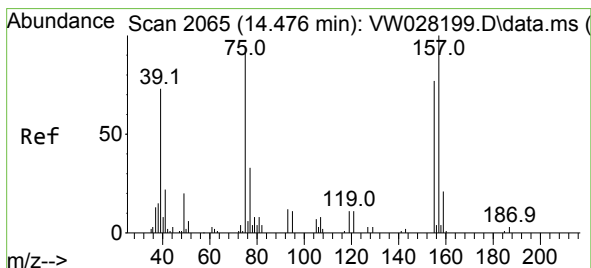
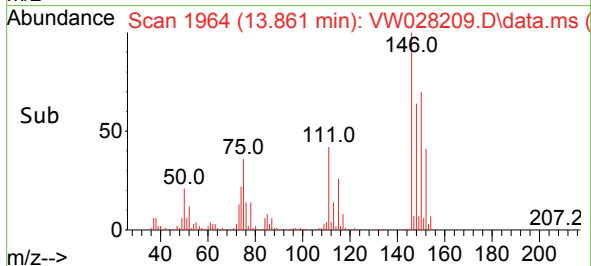
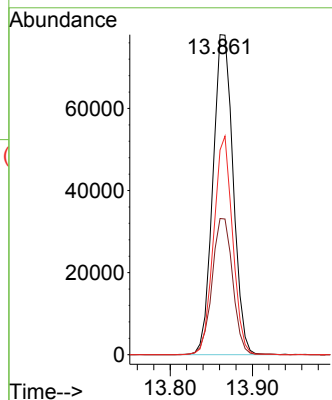
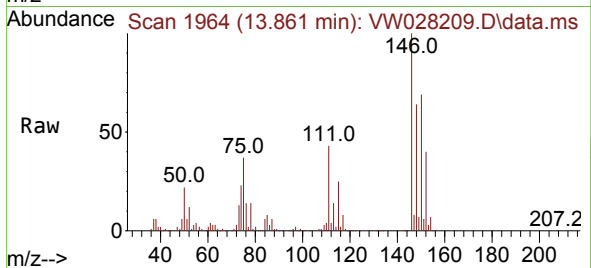
Tgt Ion:146 Resp: 133211

Ion Ratio Lower Upper

146 100

111 42.6 34.2 51.2

148 64.0 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 24.888 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

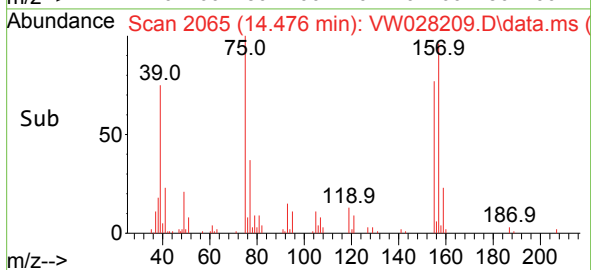
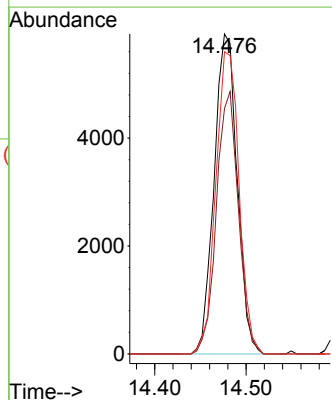
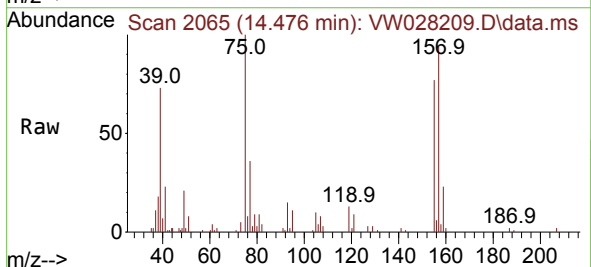
Tgt Ion: 75 Resp: 10406

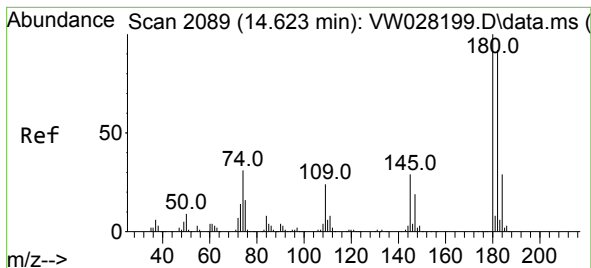
Ion Ratio Lower Upper

75 100

155 76.8 61.1 91.7

157 94.5 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 24.561 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025518

Tgt Ion:180 Resp: 105760

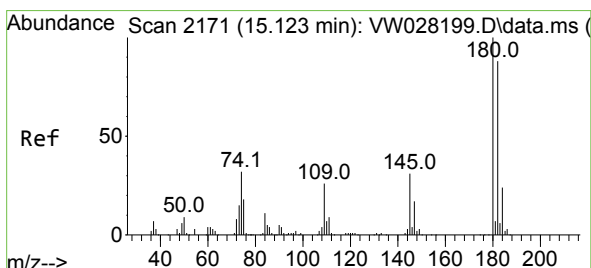
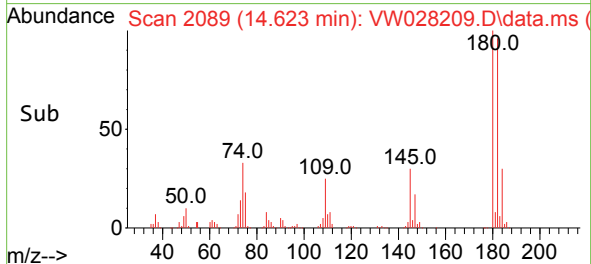
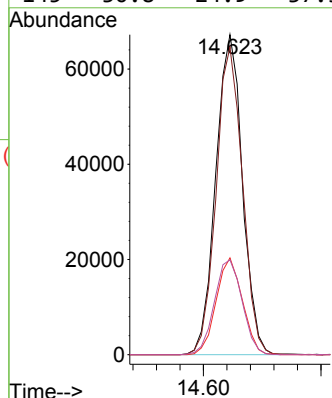
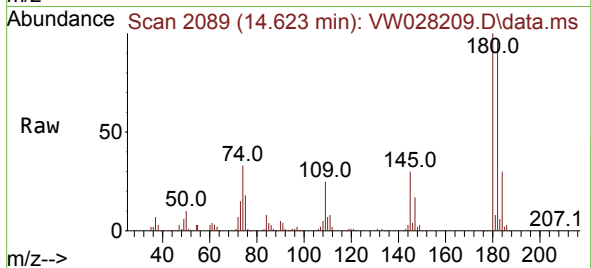
Ion Ratio Lower Upper

180 100

182 94.9 76.6 114.8

184 29.8 23.5 35.3

145 30.8 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 23.835 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

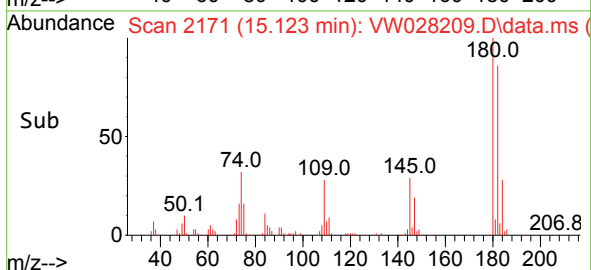
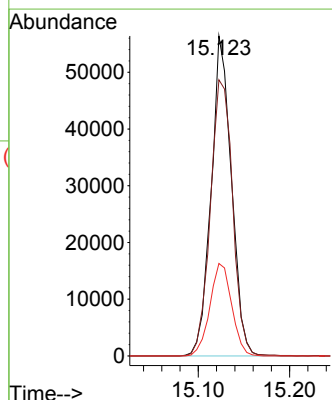
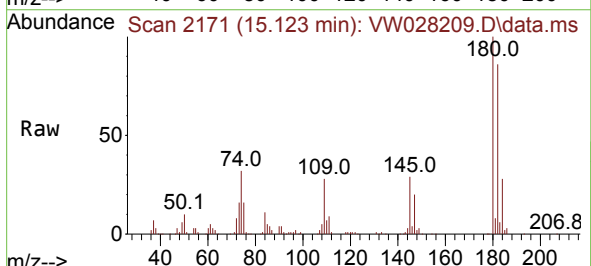
Tgt Ion:180 Resp: 87190

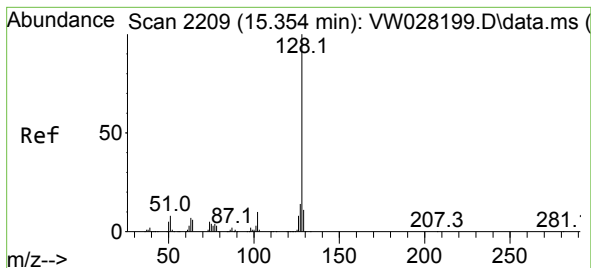
Ion Ratio Lower Upper

180 100

182 94.7 73.8 110.8

145 31.1 25.0 37.6





#71

Naphthalene

Concen: 25.096 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025518

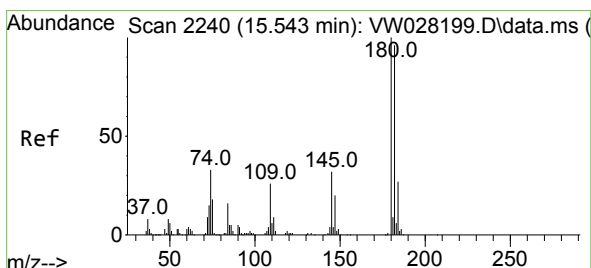
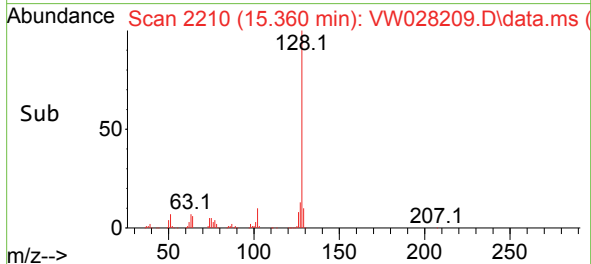
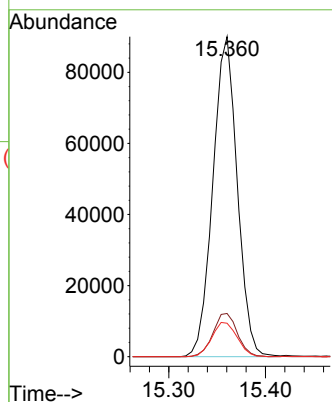
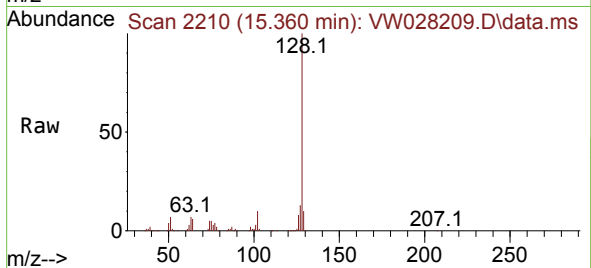
Tgt Ion:128 Resp: 157569

Ion Ratio Lower Upper

128 100

127 13.6 10.9 16.3

129 11.2 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 23.992 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028209.D

Acq: 15 Mar 2024 14:27

Tgt Ion:180 Resp: 72352

Ion Ratio Lower Upper

180 100

182 99.2 76.0 114.0

145 33.1 27.1 40.7

