

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073124\
 Data File : VW029804.D
 Acq On : 31 Jul 2024 09:25
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

Quant Time: Aug 01 04:40:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 31 01:58:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	231111	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	218539	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	109547	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	65801	20.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.240%
7) Chloroethane-d5	2.899	69	55344	23.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.520%
11) 1,1-Dichloroethene-d2	4.021	65	32870	21.947	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.800%
21) 2-Butanone-d5	7.075	46	44070	49.006	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.020%
24) Chloroform-d	7.648	84	167515	28.000	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.000%
26) 1,2-Dichloroethane-d4	8.306	65	92233	27.067	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.280%
32) Benzene-d6	8.270	84	308464	26.123	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.480%
36) 1,2-Dichloropropane-d6	9.270	67	99301	26.337	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.360%
41) Toluene-d8	10.318	98	280074	26.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.720%
43) trans-1,3-Dichloroprop...	10.574	79	39199	25.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.760%
47) 2-Hexanone-d5	10.922	63	29140	46.871	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74647	26.664	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	85505	25.137	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	78884	25.322	ug/L	97
3) Chloromethane	2.228	50	99237	25.743	ug/L	98
5) Vinyl chloride	2.381	62	109862	25.435	ug/L	99
6) Bromomethane	2.789	94	61761	26.040	ug/L	96
8) Chloroethane	2.936	64	64882	26.405	ug/L	100
9) Trichlorofluoromethane	3.265	101	80270	23.266	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	87072	25.339	ug/L	97
12) 1,1-Dichloroethene	4.045	96	78526	24.871	ug/L	96
13) Acetone	4.118	43	62212	55.667	ug/L	99
14) Carbon disulfide	4.393	76	266676	25.381	ug/L	98
15) Methyl Acetate	4.673	43	44909	24.126	ug/L	99
16) Methylene chloride	4.923	84	94157	19.488	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	87146	25.614	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	134528	23.991	ug/L	97
19) 1,1-Dichloroethane	6.215	63	187845	26.178	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	93460	25.324	ug/L	95
22) 2-Butanone	7.166	43	71493	49.927	ug/L	99
23) Bromochloromethane	7.514	128	41008	26.173	ug/L	96
25) Chloroform	7.672	83	180922	26.761	ug/L	97

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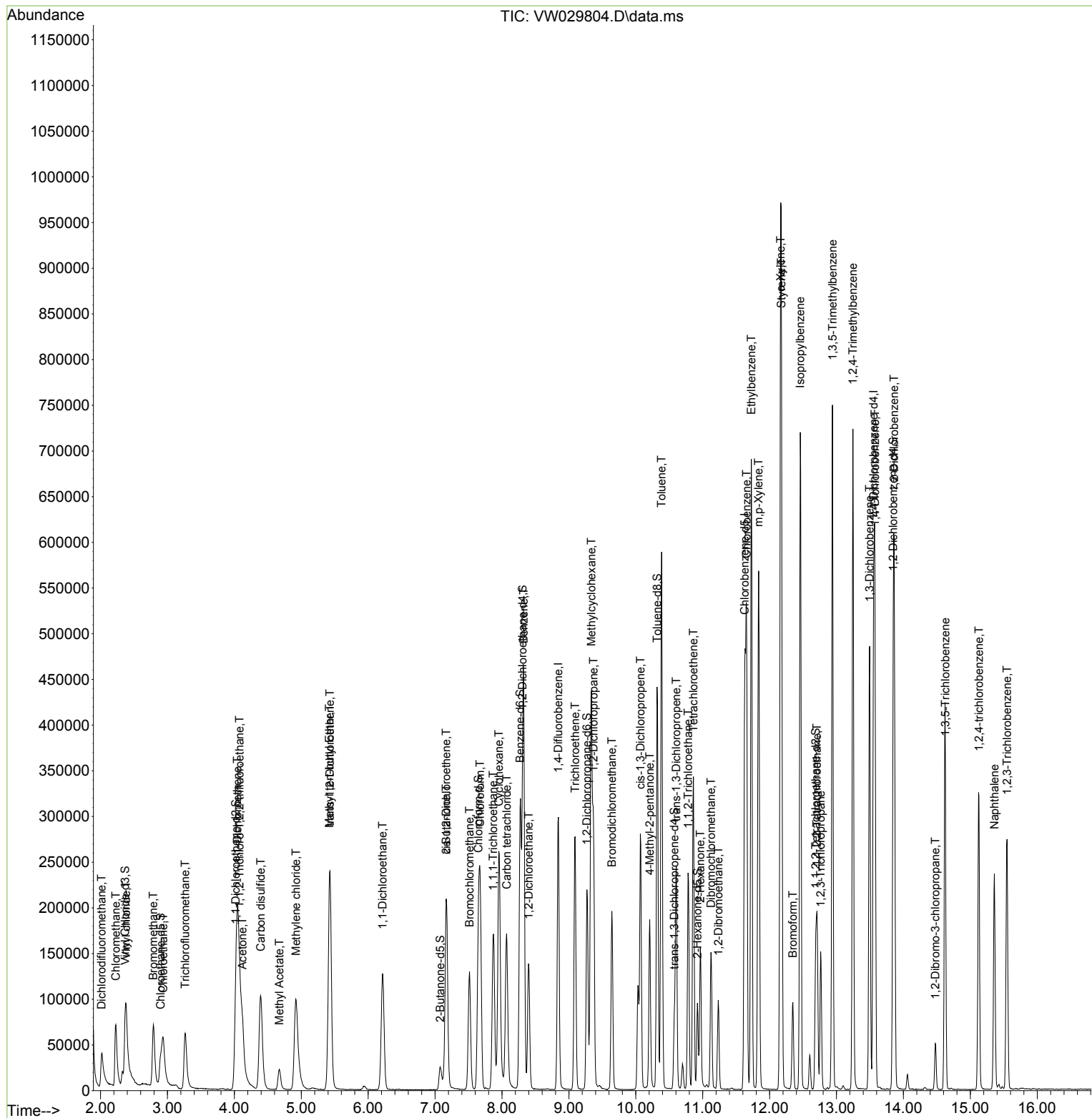
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	127697	25.918	ug/L	98
29) Cyclohexane	7.953	56	151187	24.344	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	138895	25.098	ug/L	99
31) Carbon tetrachloride	8.069	117	129116	25.892	ug/L	100
33) Benzene	8.325	78	386814	25.833	ug/L	100
34) Trichloroethene	9.093	95	98657	25.133	ug/L	96
35) Methylcyclohexane	9.337	83	158407	24.218	ug/L	96
37) 1,2-Dichloropropane	9.367	63	106563	25.970	ug/L	100
38) Bromodichloromethane	9.642	83	127492	26.091	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	156713	26.224	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	125367	48.100	ug/L	98
42) Toluene	10.385	91	405997	26.563	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	126540	25.507	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	70018	25.400	ug/L	95
46) Tetrachloroethene	10.861	164	70650	24.763	ug/L	96
48) 2-Hexanone	10.965	43	102233	52.371	ug/L	97
49) Dibromochloromethane	11.123	129	74395	25.996	ug/L	92
50) 1,2-Dibromoethane	11.233	107	63276	24.808	ug/L	96
51) Chlorobenzene	11.653	112	247648	26.049	ug/L	98
52) Ethylbenzene	11.727	91	447128	25.934	ug/L	100
53) m,p-Xylene	11.836	106	165812	26.151	ug/L	88
54) o-Xylene	12.166	106	153131	26.226	ug/L	96
55) Styrene	12.178	104	276831	27.352	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	83433	24.659	ug/L	98
59) Bromoform	12.348	173	39916	24.216	ug/L	98
60) Isopropylbenzene	12.458	105	436411	25.745	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	61080	22.925	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	356170	28.268	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	350295	25.996	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	180663	24.980	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	182888	24.618	ug/L	99
67) 1,2-Dichlorobenzene	13.860	146	160895	24.435	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	13367	22.096	ug/L	94
69) 1,3,5-Trichlorobenzene	14.629	180	115466	23.334	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	91137	21.861	ug/L	99
71) Naphthalene	15.360	128	186030	23.387	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	83035	22.006	ug/L	96

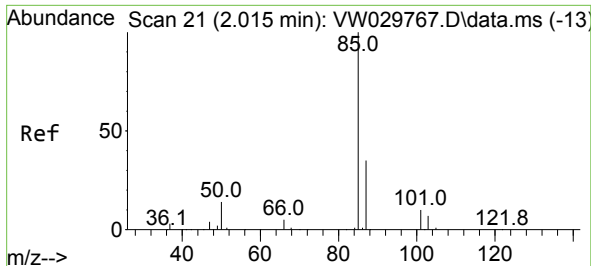
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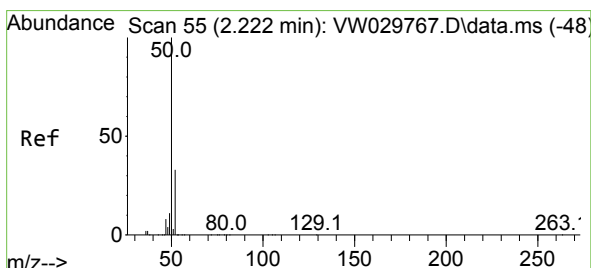
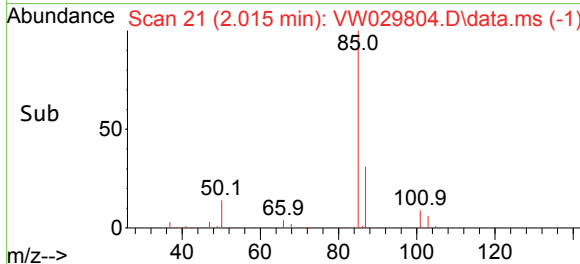
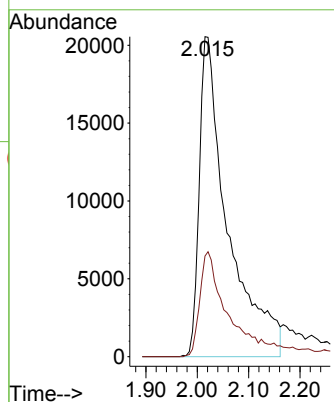
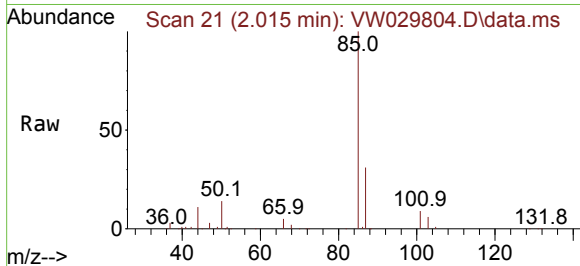




#2
 Dichlorodifluoromethane
 Concen: 25.322 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029804.D
 Acq: 31 Jul 2024 09:25

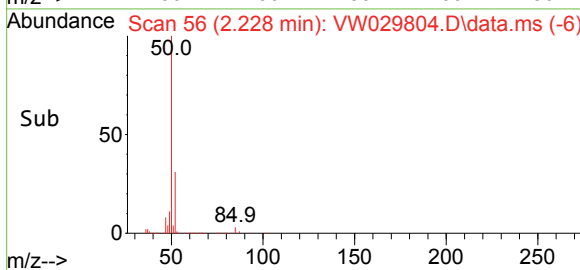
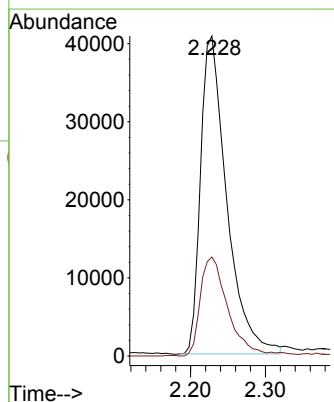
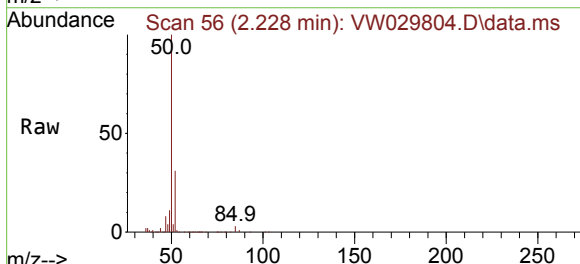
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

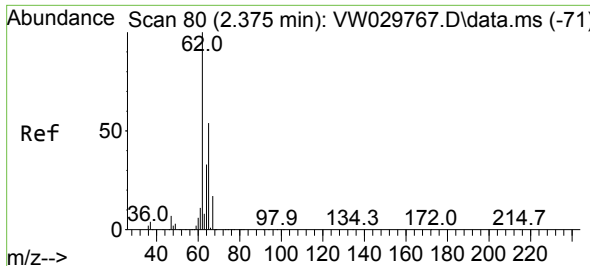
Tgt Ion: 85 Resp: 78884
 Ion Ratio Lower Upper
 85 100
 87 30.0 25.5 38.3



#3
 Chloromethane
 Concen: 25.743 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW029804.D
 Acq: 31 Jul 2024 09:25

Tgt Ion: 50 Resp: 99237
 Ion Ratio Lower Upper
 50 100
 52 30.9 22.5 41.9

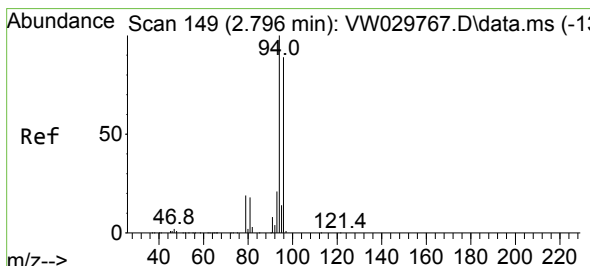
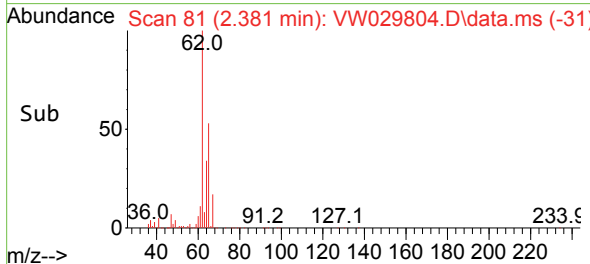
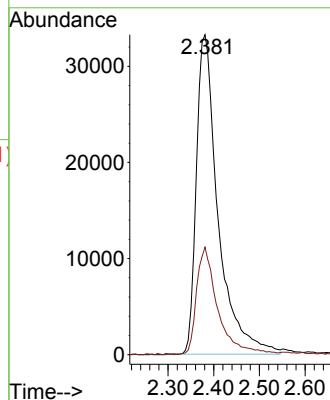
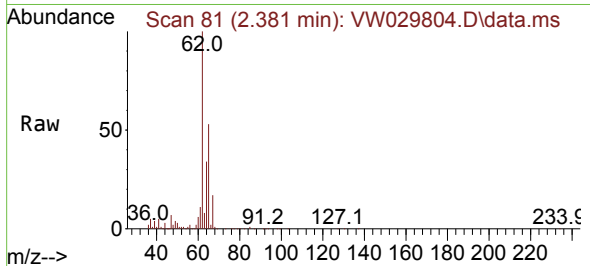




#5
 Vinyl chloride
 Concen: 25.435 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW029804.D
 Acq: 31 Jul 2024 09:25

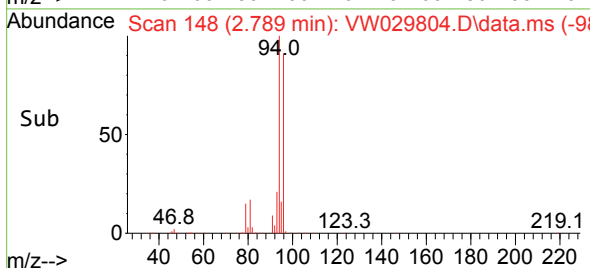
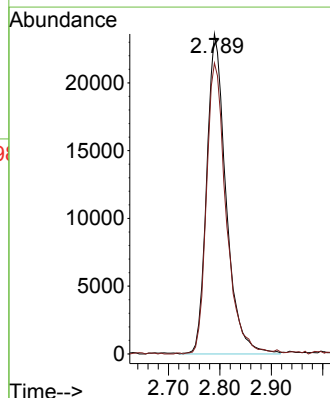
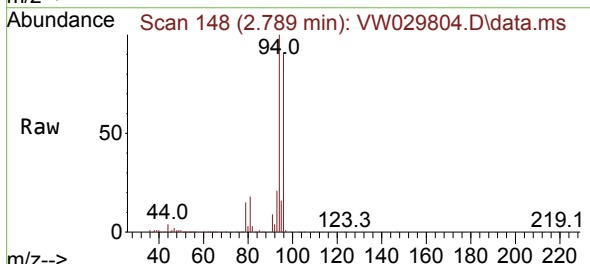
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

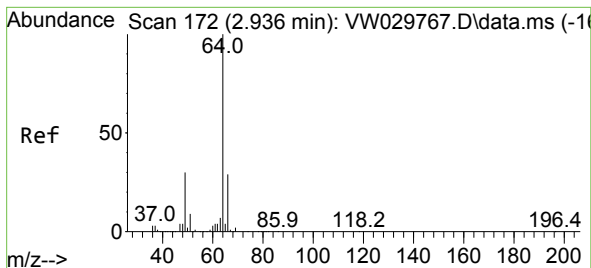
Tgt Ion: 62 Resp: 109862
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.2 43.2



#6
 Bromomethane
 Concen: 26.040 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW029804.D
 Acq: 31 Jul 2024 09:25

Tgt Ion: 94 Resp: 61761
 Ion Ratio Lower Upper
 94 100
 96 90.9 66.2 123.0





#8

Chloroethane

Concen: 26.405 ug/L

RT: 2.936 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

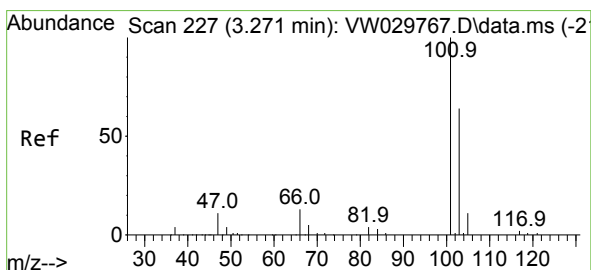
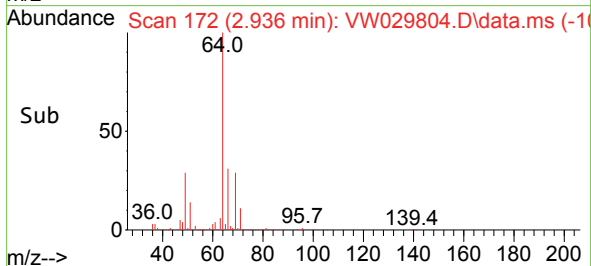
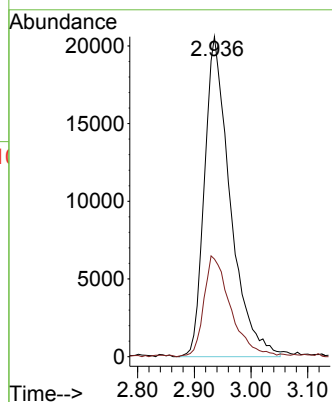
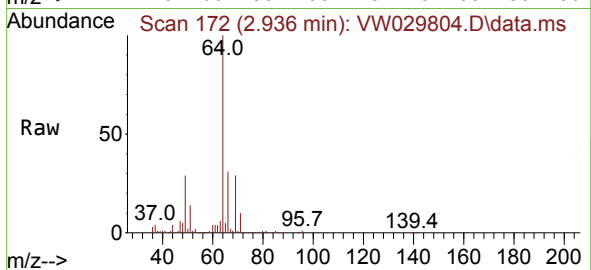
VSTD025563

Tgt Ion: 64 Resp: 64882

Ion Ratio Lower Upper

64 100

66 30.5 21.2 39.4



#9

Trichlorofluoromethane

Concen: 23.266 ug/L

RT: 3.265 min Scan# 226

Delta R.T. -0.000 min

Lab File: VW029804.D

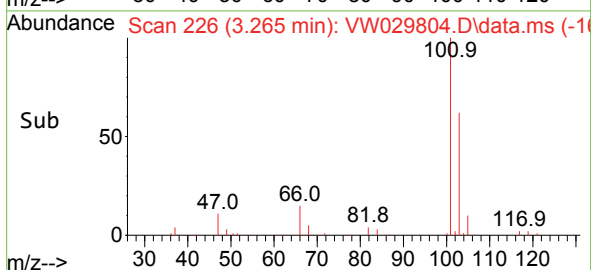
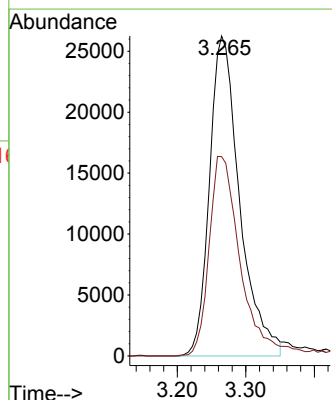
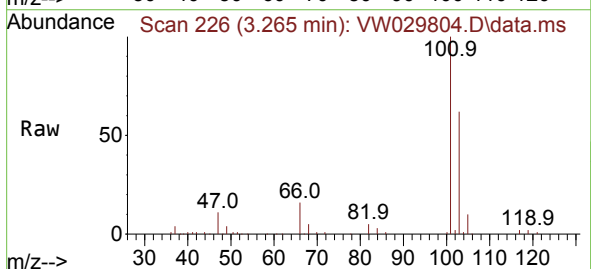
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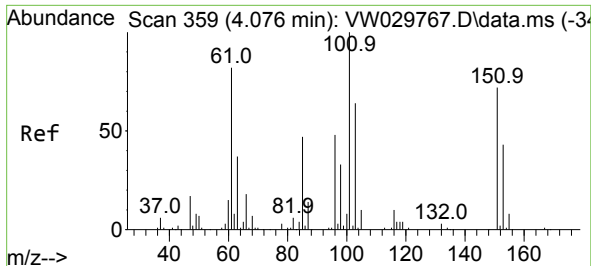
Tgt Ion: 101 Resp: 80270

Ion Ratio Lower Upper

101 100

103 62.3 51.0 76.4

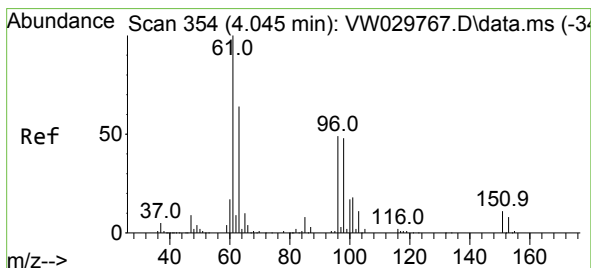
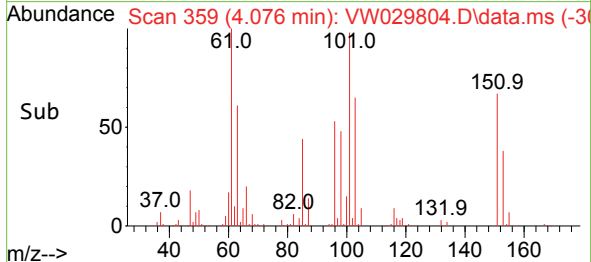
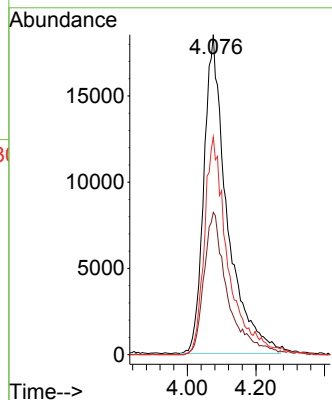
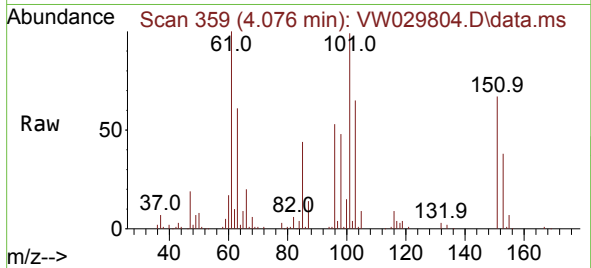




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.339 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.006 min
 Lab File: VW029804.D
 Acq: 31 Jul 2024 09:25

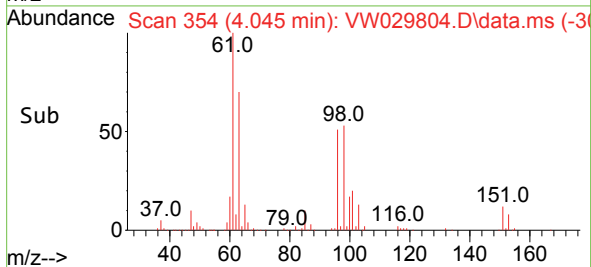
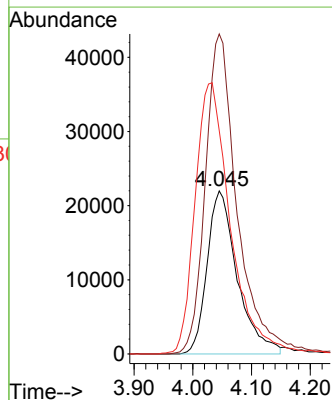
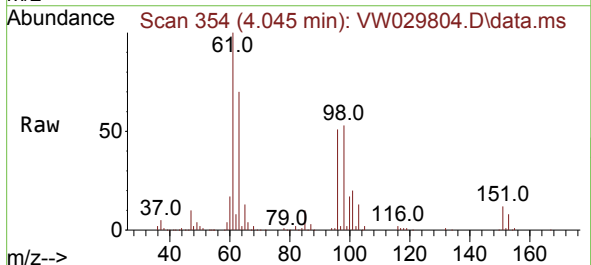
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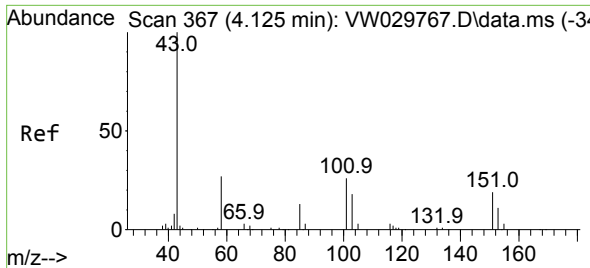
Tgt Ion: 101 Resp: 87072
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.2 51.4
 151 63.9 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.871 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW029804.D
 Acq: 31 Jul 2024 09:25

Tgt Ion: 96 Resp: 78526
 Ion Ratio Lower Upper
 96 100
 61 196.3 138.3 256.9
 63 137.0 89.0 165.4





#13

Acetone

Concen: 55.667 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.006 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

Instrument :

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ClientSampleId :

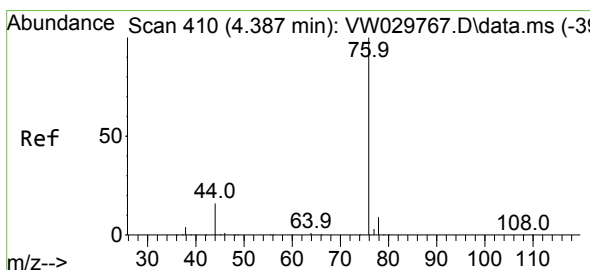
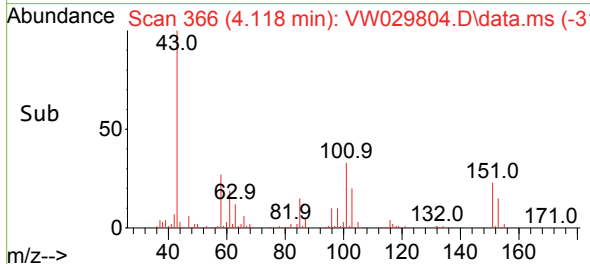
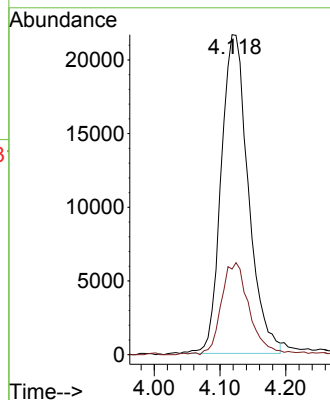
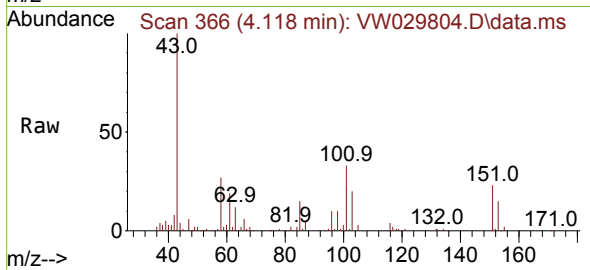
VSTD025563

Tgt Ion: 43 Resp: 62212

Ion Ratio Lower Upper

43 100

58 29.3 0.0 57.6



#14

Carbon disulfide

Concen: 25.381 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW029804.D

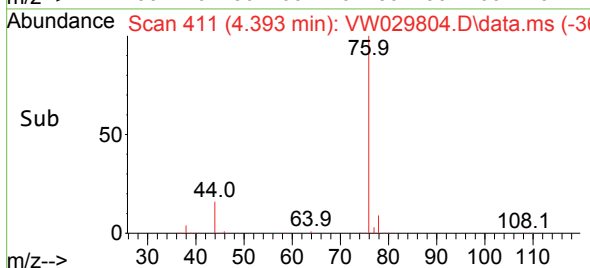
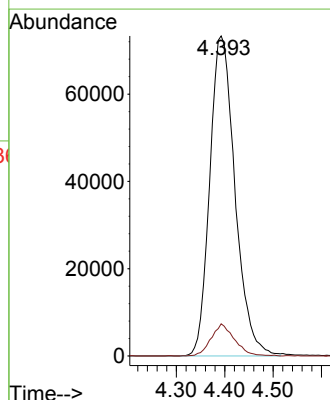
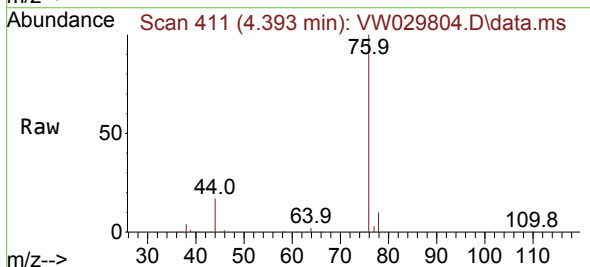
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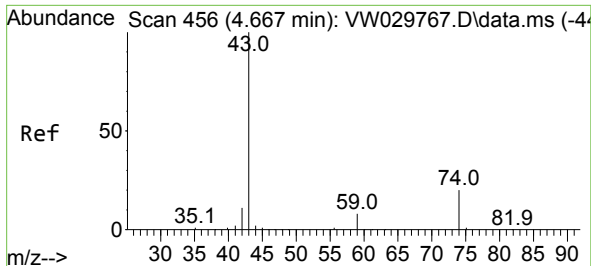
Tgt Ion: 76 Resp: 266676

Ion Ratio Lower Upper

76 100

78 10.1 7.6 11.4

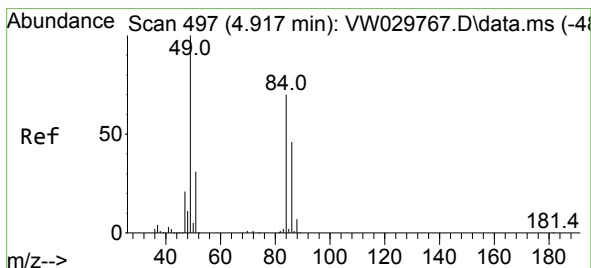
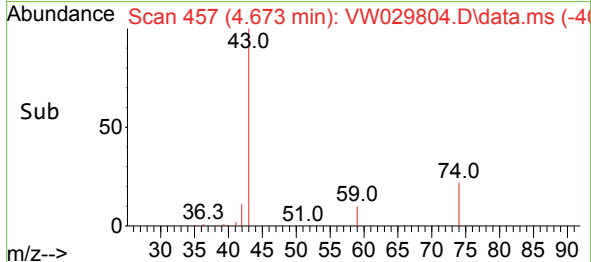
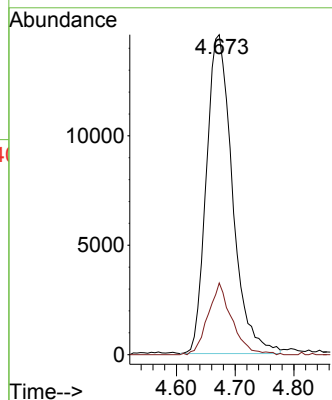
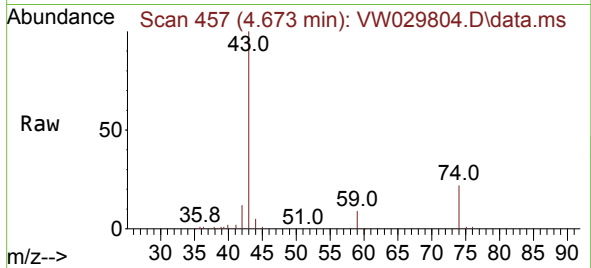




#15
Methyl Acetate
Concen: 24.126 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

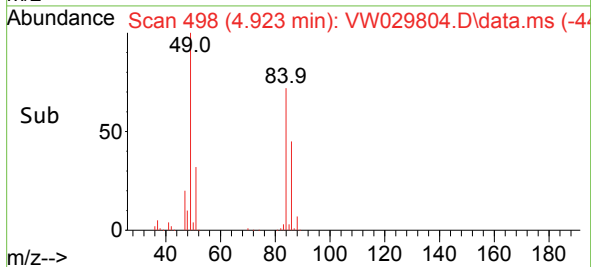
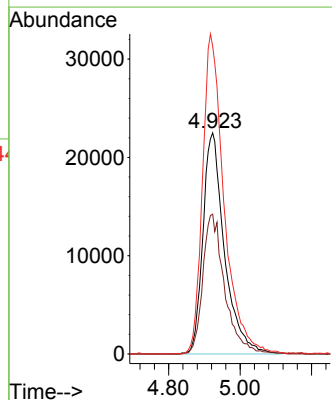
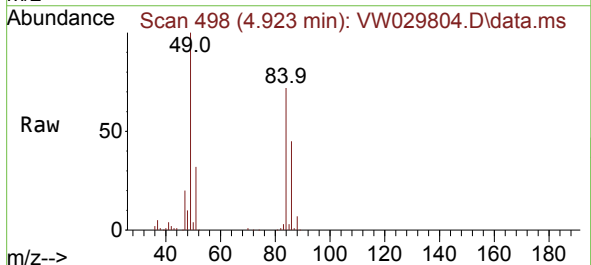
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

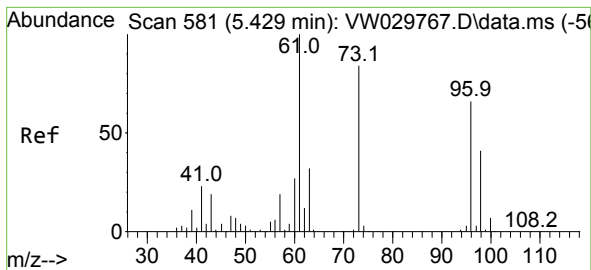
Tgt Ion: 43 Resp: 44909
Ion Ratio Lower Upper
43 100
74 20.3 16.5 24.7



#16
Methylene chloride
Concen: 19.488 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

Tgt Ion: 84 Resp: 94157
Ion Ratio Lower Upper
84 100
86 63.3 44.7 82.9
49 139.3 99.0 184.0

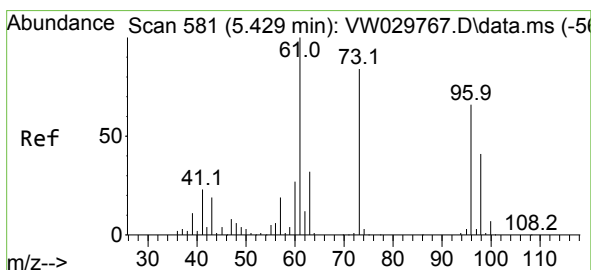
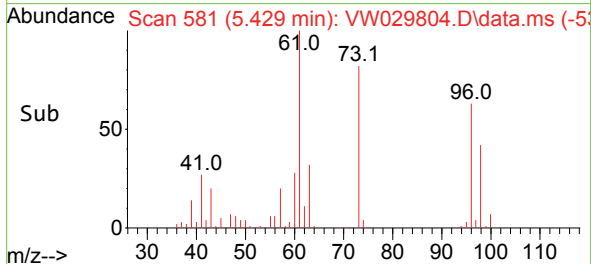
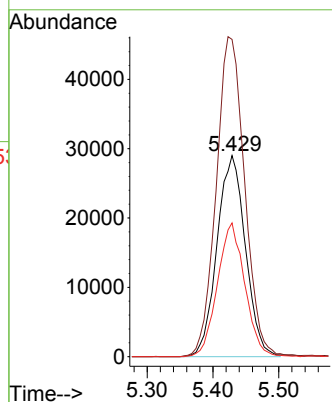
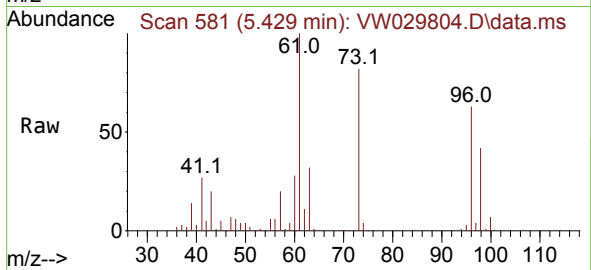




#17
trans-1,2-Dichloroethene
Concen: 25.614 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

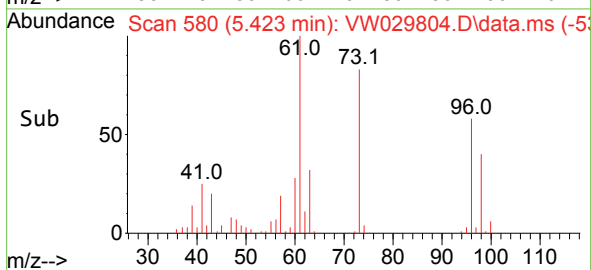
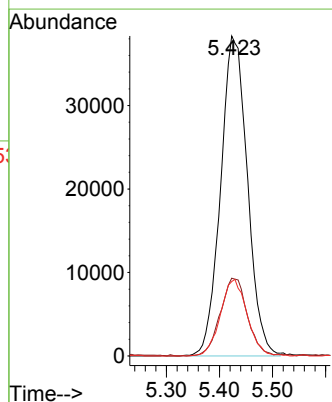
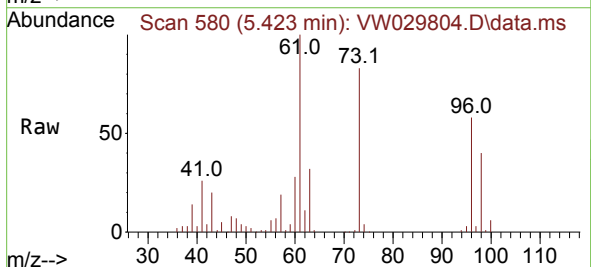
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

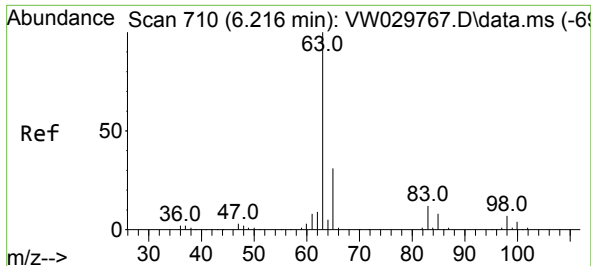
Tgt Ion: 96 Resp: 87146
Ion Ratio Lower Upper
96 100
61 157.8 111.2 206.6
98 66.5 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 23.991 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

Tgt Ion: 73 Resp: 134528
Ion Ratio Lower Upper
73 100
43 24.5 18.3 27.5
57 23.8 17.9 26.9





#19

1,1-Dichloroethane

Concen: 26.178 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

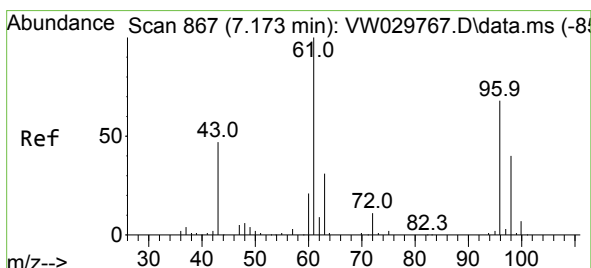
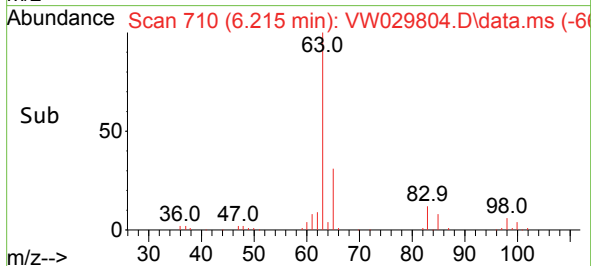
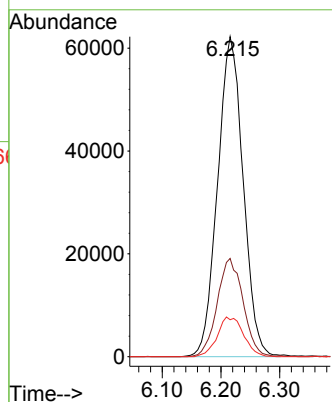
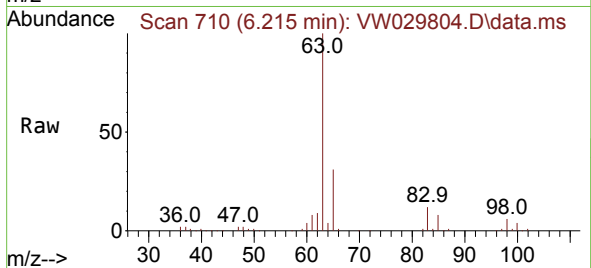
Tgt Ion: 63 Resp: 187845

Ion Ratio Lower Upper

63 100

65 30.7 22.3 41.3

83 11.5 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 25.324 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

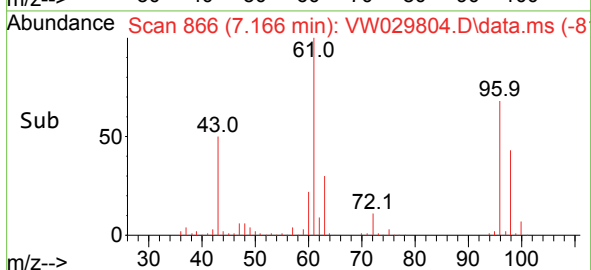
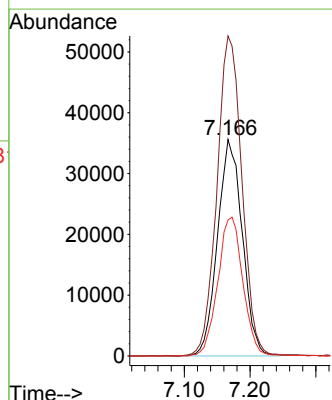
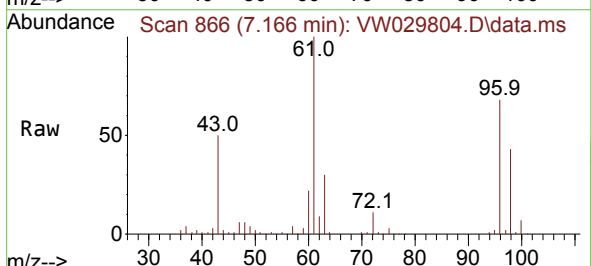
Tgt Ion: 96 Resp: 93460

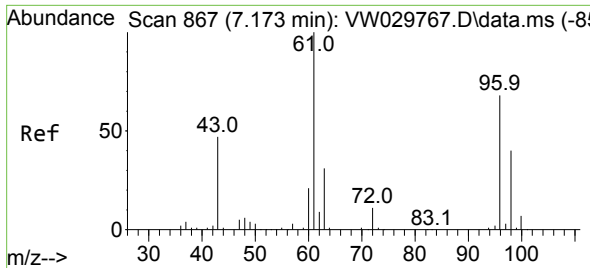
Ion Ratio Lower Upper

96 100

61 147.8 98.2 182.4

98 62.8 41.9 77.9

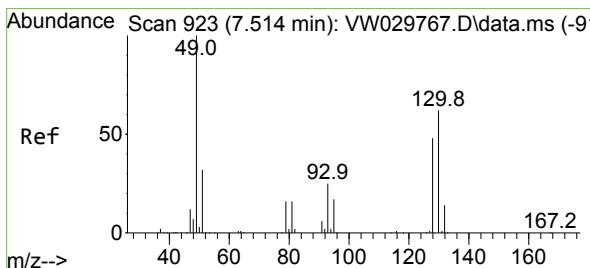
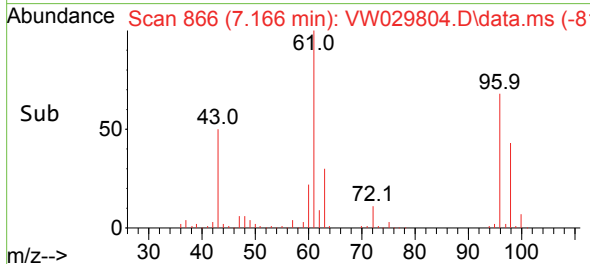
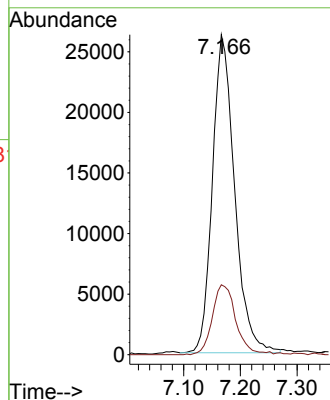
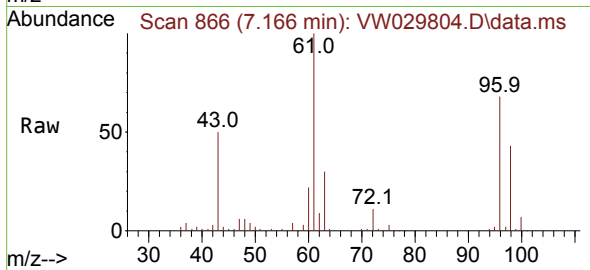




#22
2-Butanone
Concen: 49.927 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

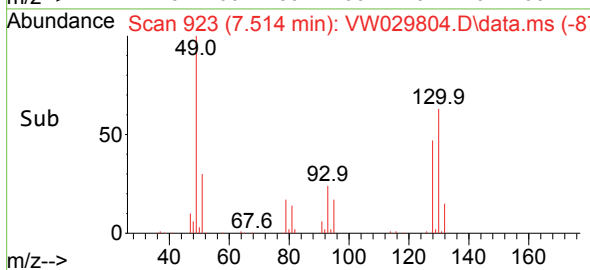
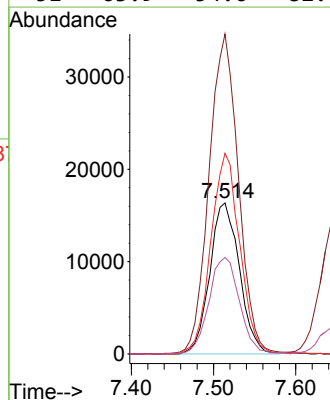
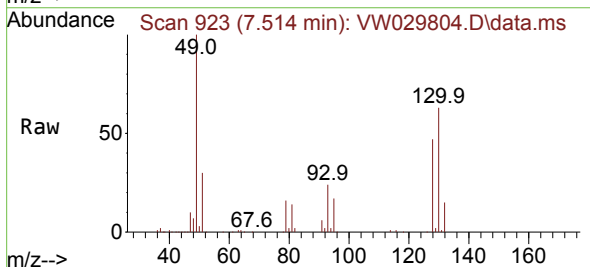
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

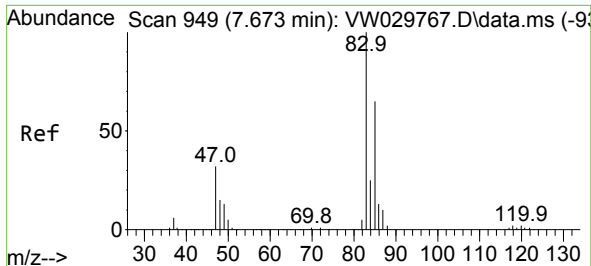
Tgt Ion: 43 Resp: 71493
Ion Ratio Lower Upper
43 100
72 23.0 11.7 35.1



#23
Bromochloromethane
Concen: 26.173 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

Tgt Ion: 128 Resp: 41008
Ion Ratio Lower Upper
128 100
49 211.8 151.1 280.7
130 132.8 96.8 179.8
51 63.9 54.6 82.0

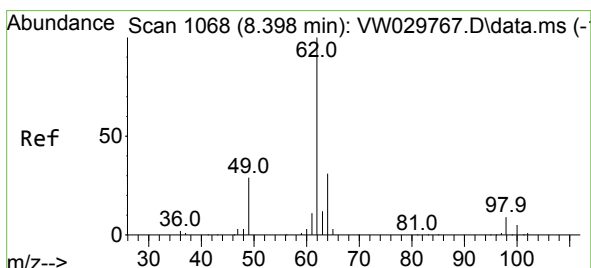
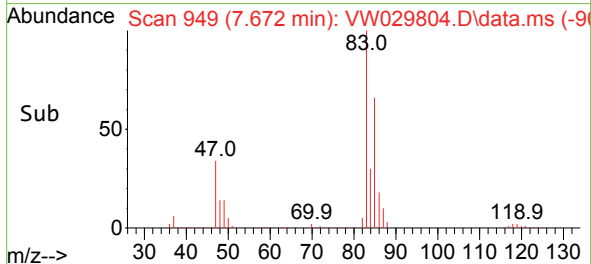
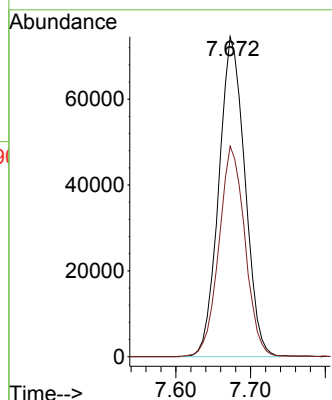
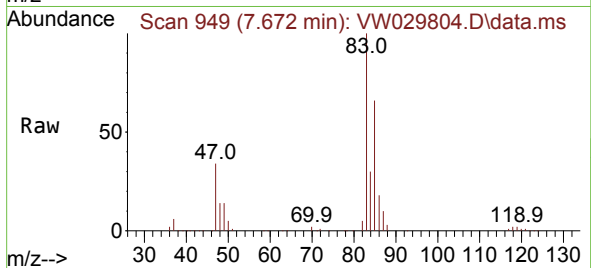




#25
Chloroform
Concen: 26.761 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

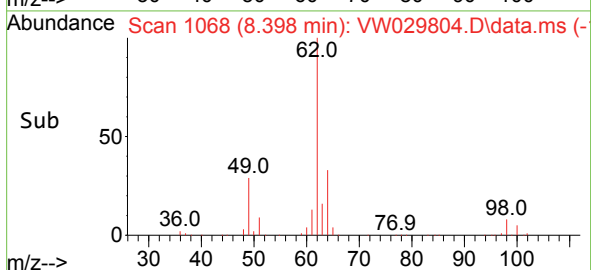
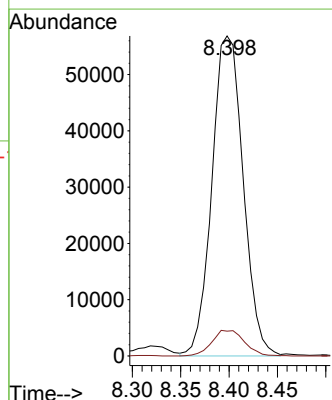
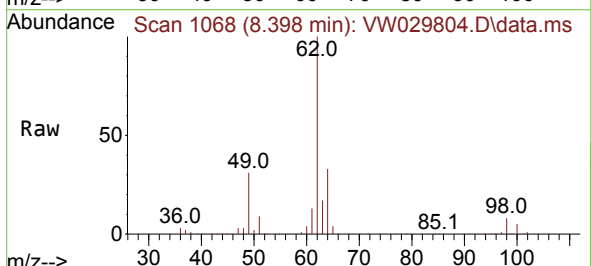
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

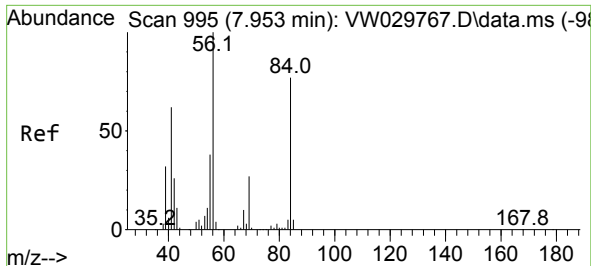
Tgt Ion: 83 Resp: 180922
Ion Ratio Lower Upper
83 100
85 65.7 44.4 82.4



#27
1,2-Dichloroethane
Concen: 25.918 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

Tgt Ion: 62 Resp: 127697
Ion Ratio Lower Upper
62 100
98 7.8 6.6 10.0





#29

Cyclohexane

Concen: 24.344 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

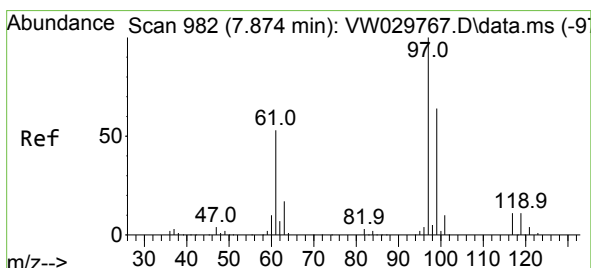
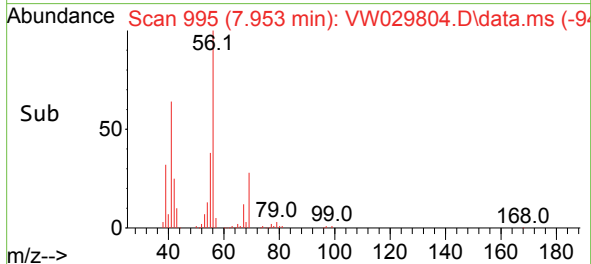
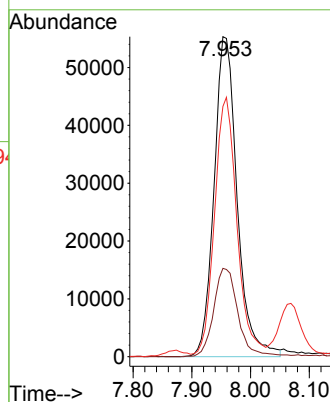
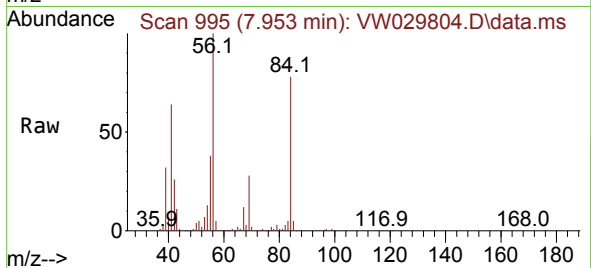
Tgt Ion: 56 Resp: 151187

Ion Ratio Lower Upper

56 100

69 28.7 23.0 34.4

84 78.4 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 25.098 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

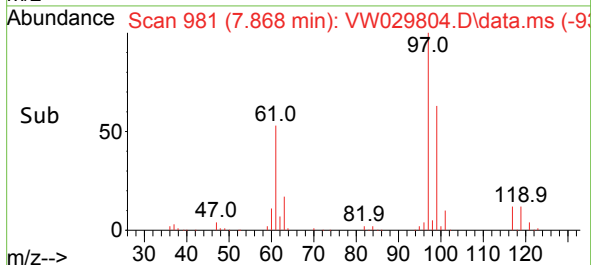
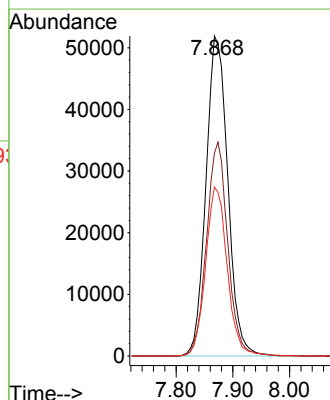
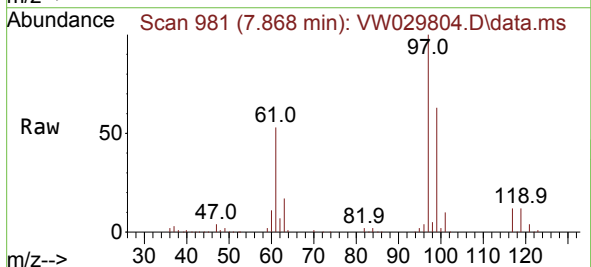
Tgt Ion: 97 Resp: 138895

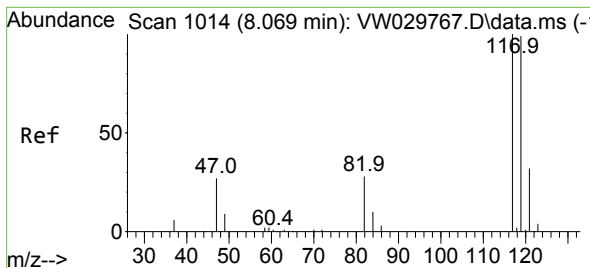
Ion Ratio Lower Upper

97 100

99 65.0 52.1 78.1

61 51.8 42.6 63.8

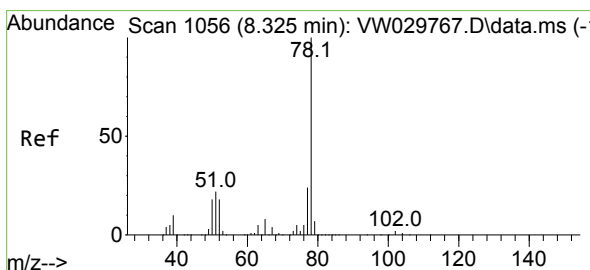
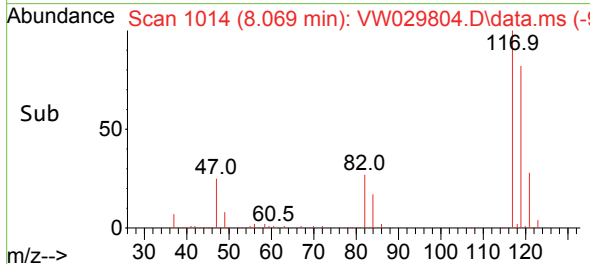
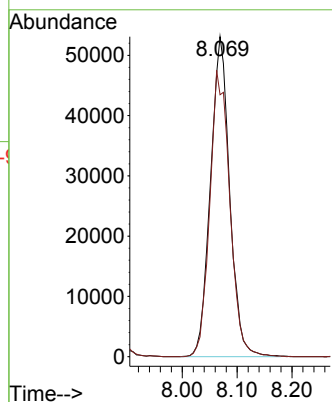
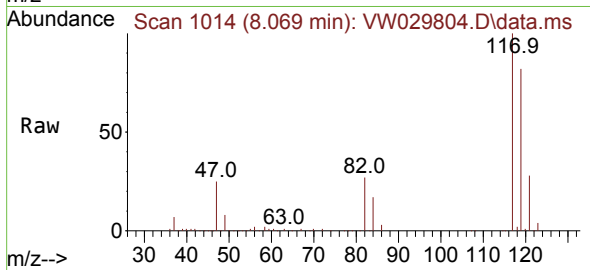




#31
Carbon tetrachloride
Concen: 25.892 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

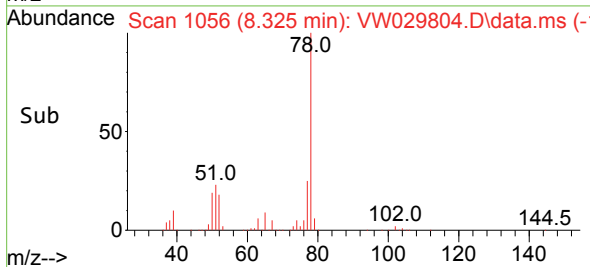
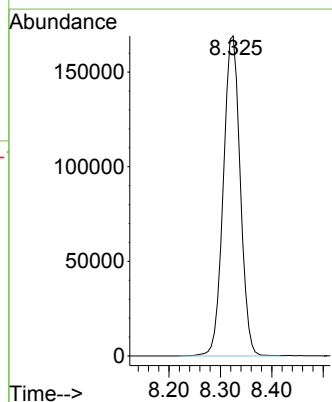
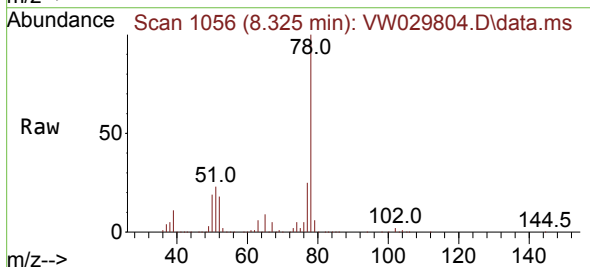
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

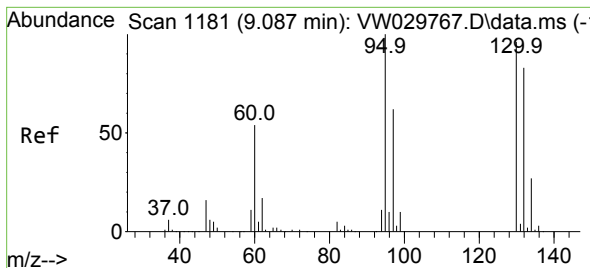
Tgt Ion:117 Resp: 129116
Ion Ratio Lower Upper
117 100
119 93.3 74.8 112.2



#33
Benzene
Concen: 25.833 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

Tgt Ion: 78 Resp: 386814





#34

Trichloroethene

Concen: 25.133 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

Tgt Ion: 95 Resp: 98657

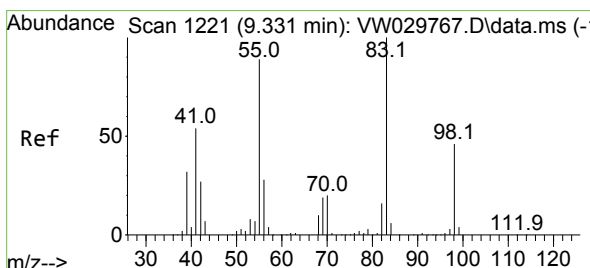
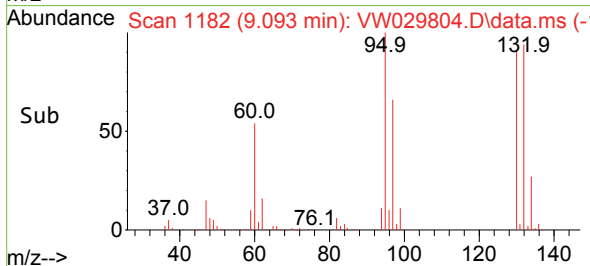
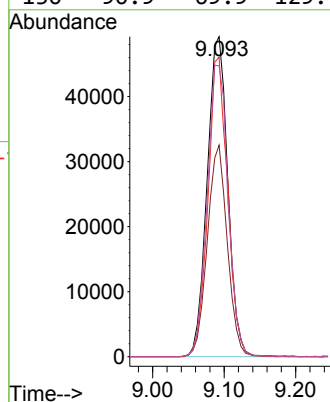
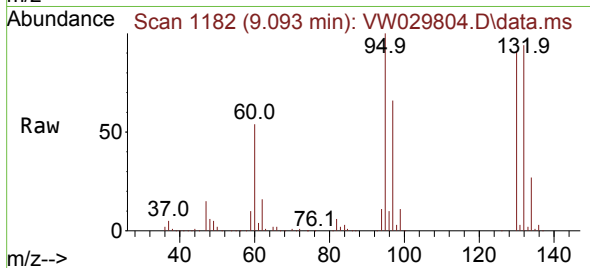
Ion Ratio Lower Upper

95 100

97 66.1 45.6 84.8

132 93.6 65.2 121.0

130 90.9 69.9 129.7



#35

Methylcyclohexane

Concen: 24.218 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

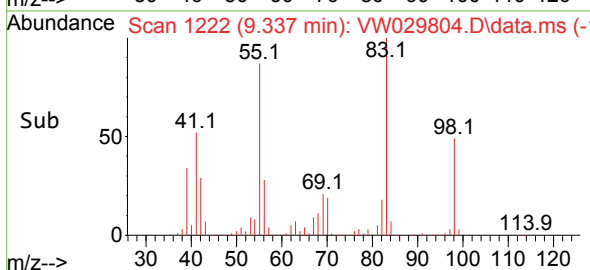
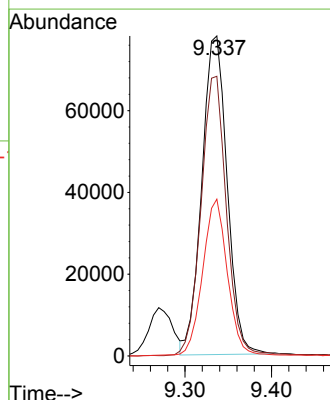
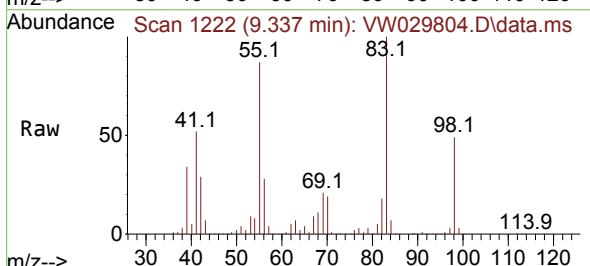
Tgt Ion: 83 Resp: 158407

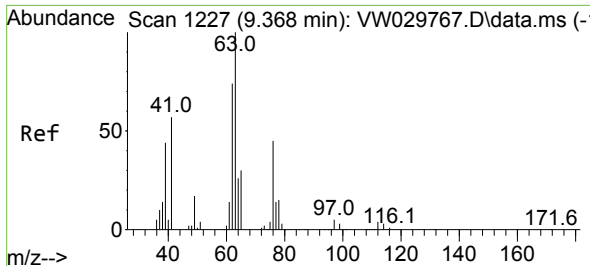
Ion Ratio Lower Upper

83 100

55 87.9 67.4 101.2

98 48.7 36.7 55.1

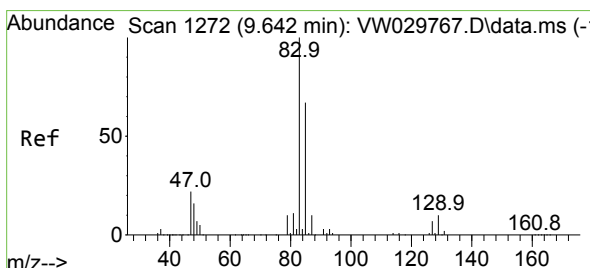
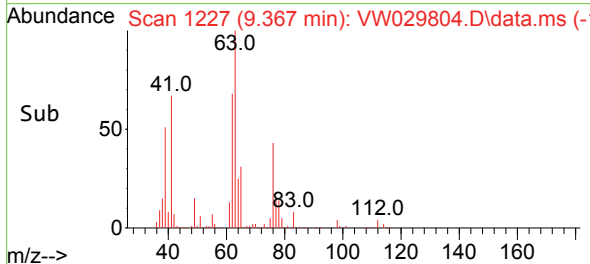
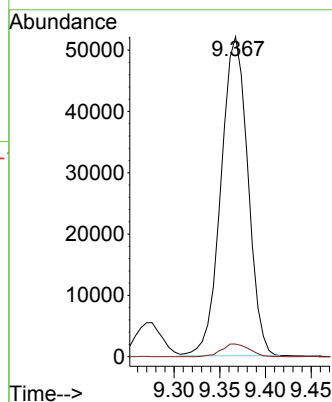
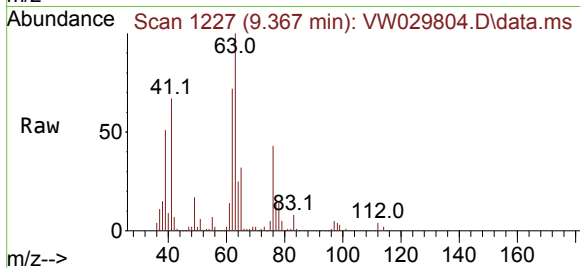




#37
 1,2-Dichloropropane
 Concen: 25.970 ug/L
 RT: 9.367 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW029804.D
 Acq: 31 Jul 2024 09:25

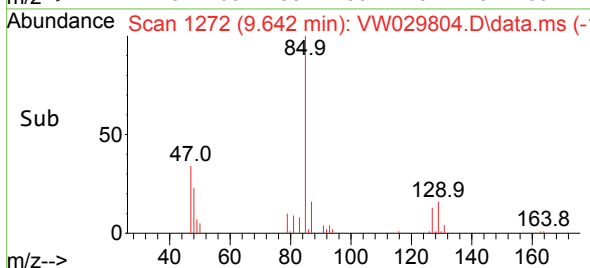
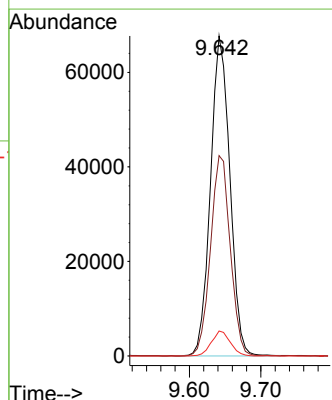
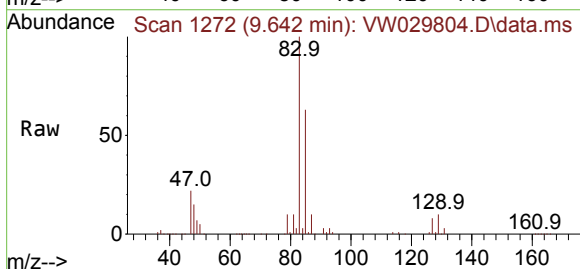
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

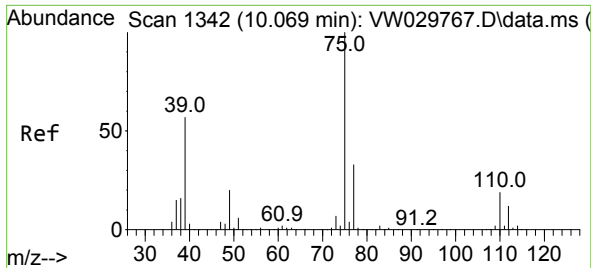
Tgt Ion: 63 Resp: 106563
 Ion Ratio Lower Upper
 63 100
 112 4.1 3.3 4.9



#38
 Bromodichloromethane
 Concen: 26.091 ug/L
 RT: 9.642 min Scan# 1272
 Delta R.T. -0.000 min
 Lab File: VW029804.D
 Acq: 31 Jul 2024 09:25

Tgt Ion: 83 Resp: 127492
 Ion Ratio Lower Upper
 83 100
 85 62.6 46.6 86.6
 127 7.8 5.9 8.9

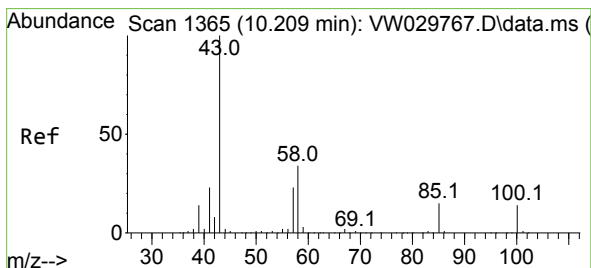
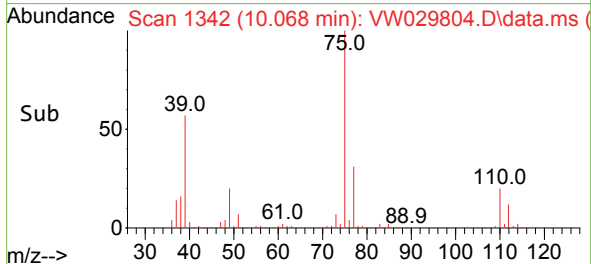
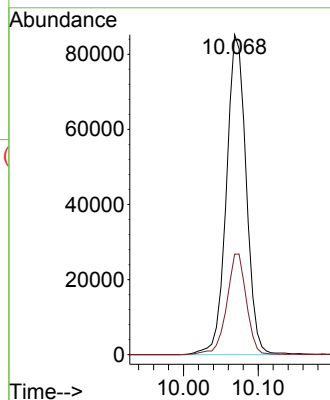
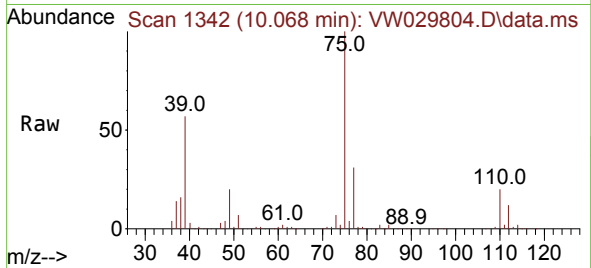




#39
cis-1,3-Dichloropropene
Concen: 26.224 ug/L
RT: 10.068 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

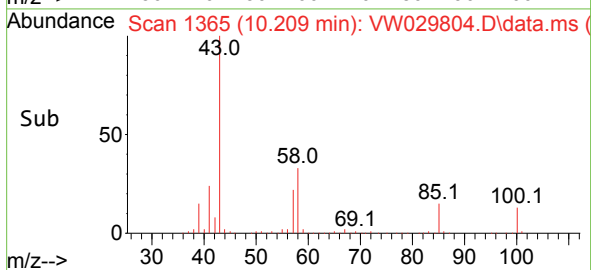
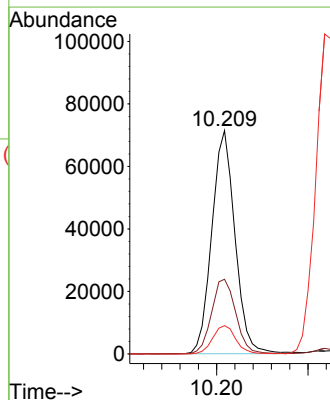
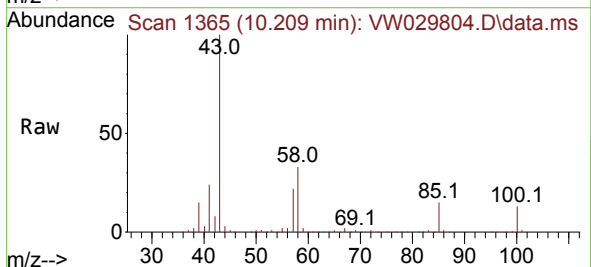
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

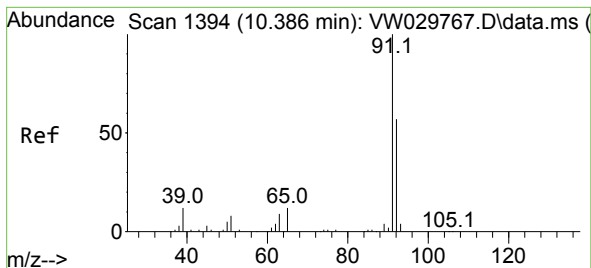
Tgt Ion: 75 Resp: 156713
Ion Ratio Lower Upper
75 100
77 31.4 20.8 38.6



#40
4-Methyl-2-pentanone
Concen: 48.100 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

Tgt Ion: 43 Resp: 125367
Ion Ratio Lower Upper
43 100
58 34.8 28.7 43.1
100 12.8 10.0 15.0





#42

Toluene

Concen: 26.563 ug/L

RT: 10.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

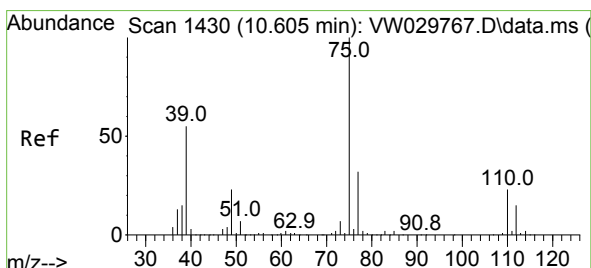
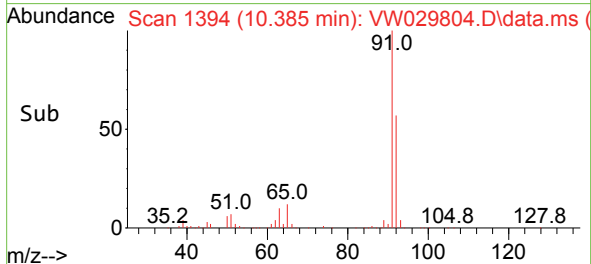
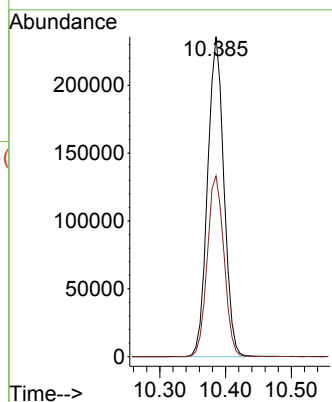
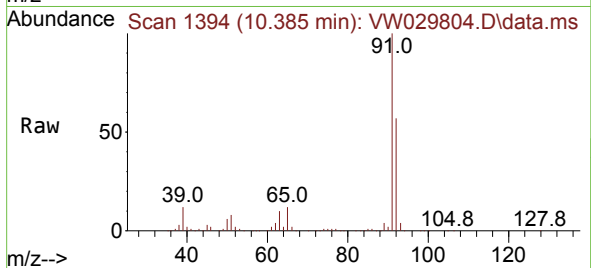
VSTD025563

Tgt Ion: 91 Resp: 405997

Ion Ratio Lower Upper

91 100

92 56.5 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 25.507 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029804.D

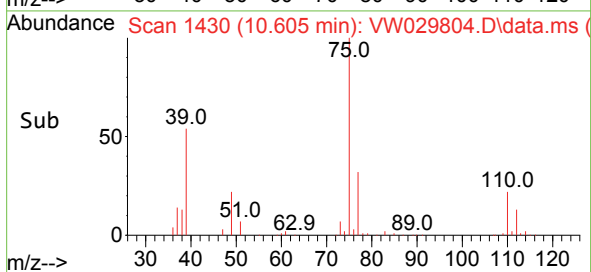
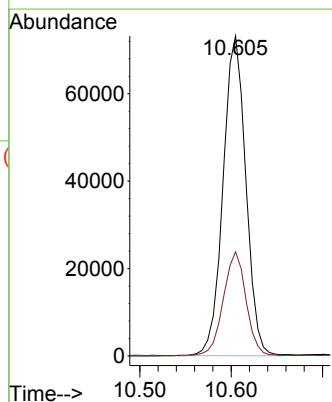
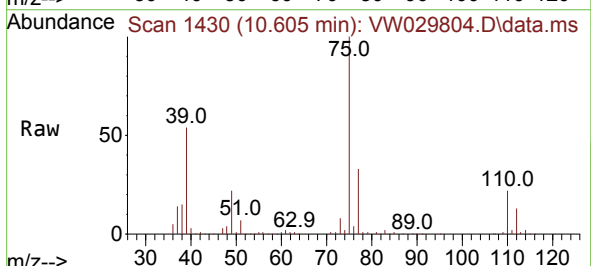
Acq: 31 Jul 2024 09:25

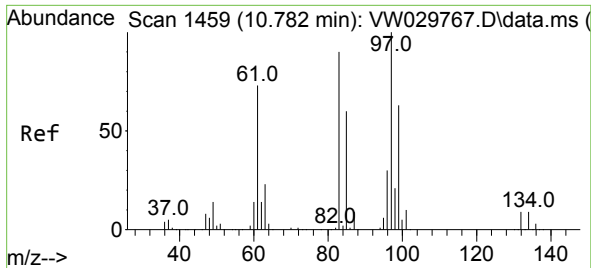
Tgt Ion: 75 Resp: 126540

Ion Ratio Lower Upper

75 100

77 32.5 22.0 41.0

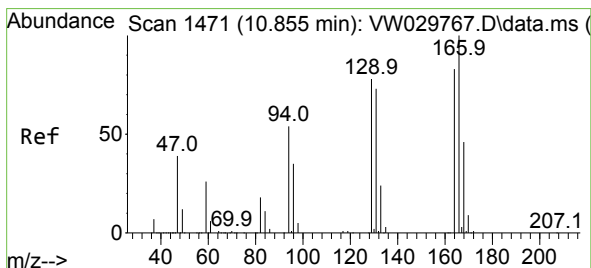
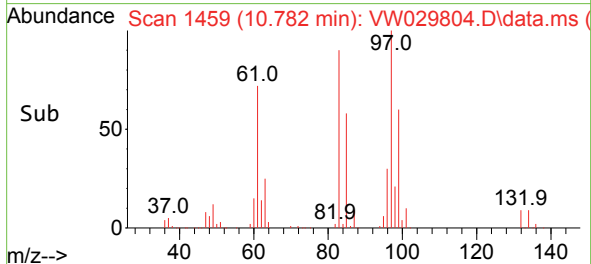
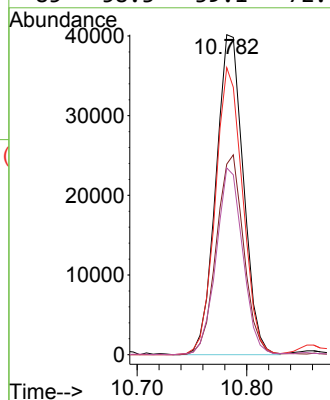
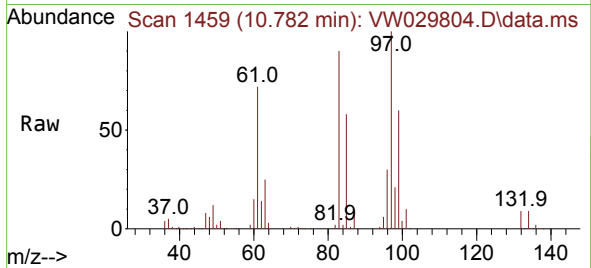




#45
1,1,2-Trichloroethane
Concen: 25.400 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

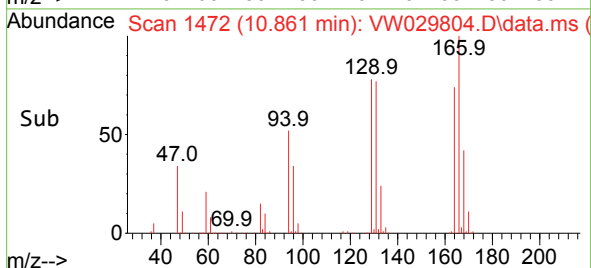
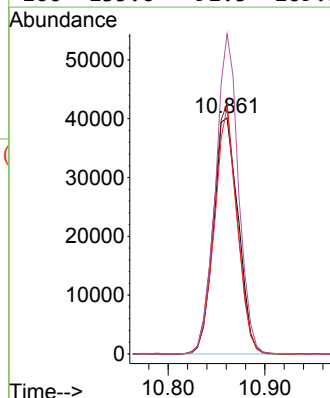
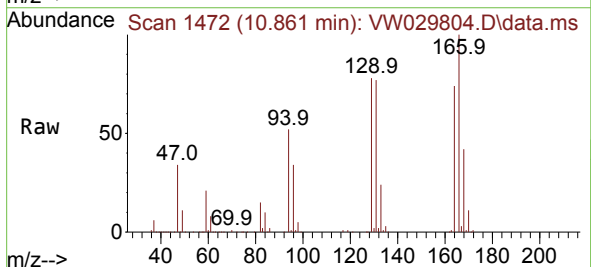
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

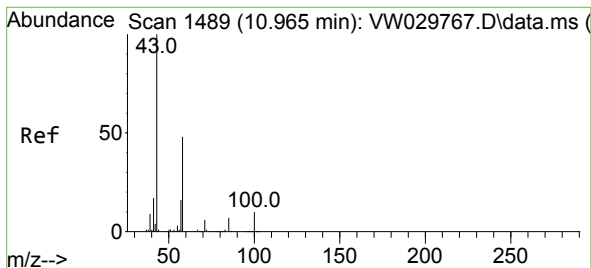
Tgt Ion: 97	Resp: 70018
Ion Ratio	Lower Upper
97 100	
99 59.5	40.1 74.5
83 89.7	58.5 108.7
85 58.3	39.1 72.7



#46
Tetrachloroethene
Concen: 24.763 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

Tgt	Ion:164	Resp:	70650
Ion	Ratio	Lower	Upper
164	100		
129	106.2	77.8	144.6
131	104.5	70.9	131.7
166	135.6	91.5	169.9



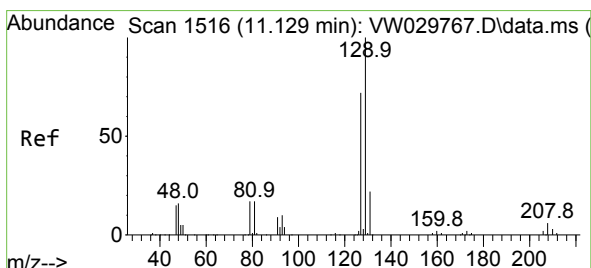
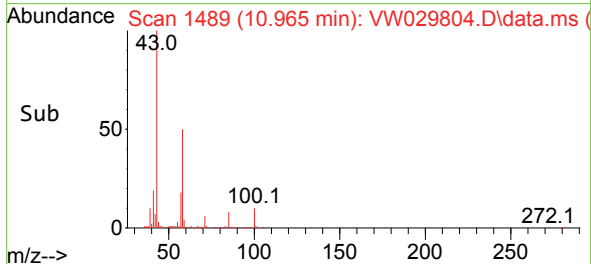
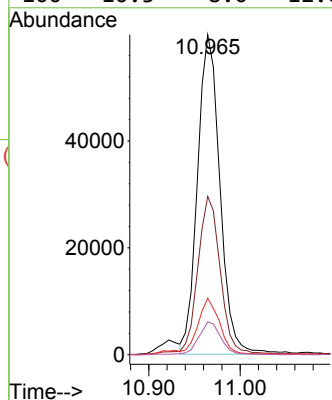
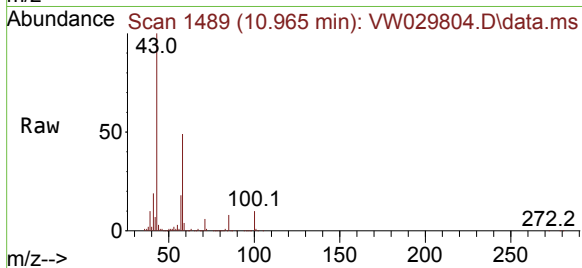


#48
2-Hexanone
Concen: 52.371 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

Tgt Ion: 43 Resp: 102233

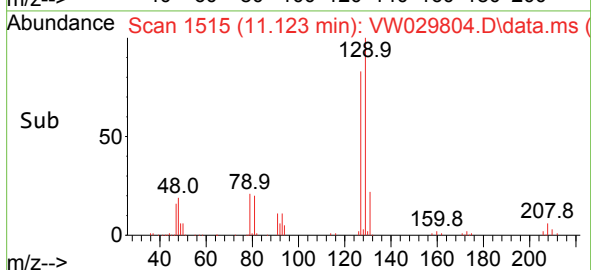
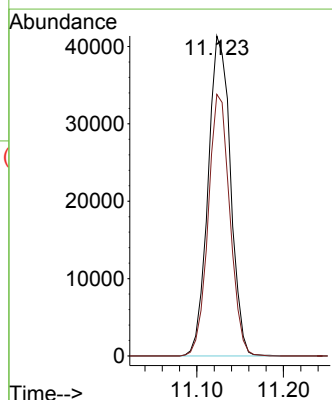
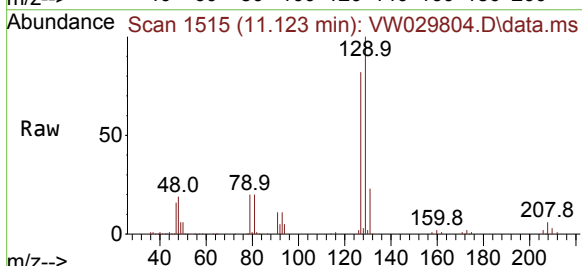
Ion	Ratio	Lower	Upper
43	100		
58	48.6	41.0	61.4
57	17.1	14.1	21.1
100	10.3	8.0	12.0

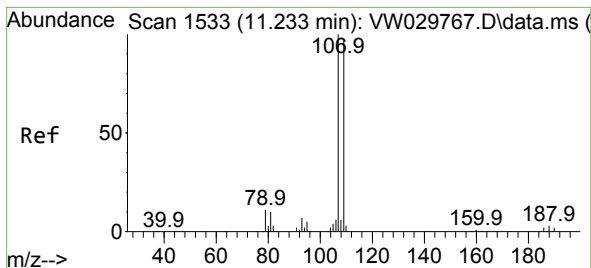


#49
Dibromochloromethane
Concen: 25.996 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

Tgt Ion: 129 Resp: 74395

Ion	Ratio	Lower	Upper
129	100		
127	81.7	52.4	97.2





#50

1,2-Dibromoethane

Concen: 24.808 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

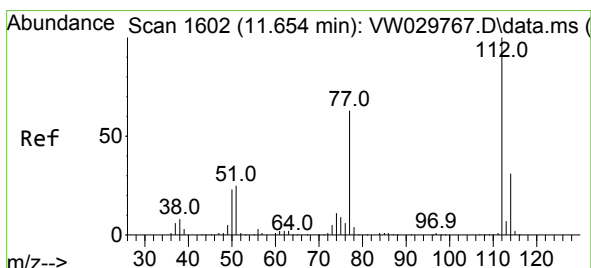
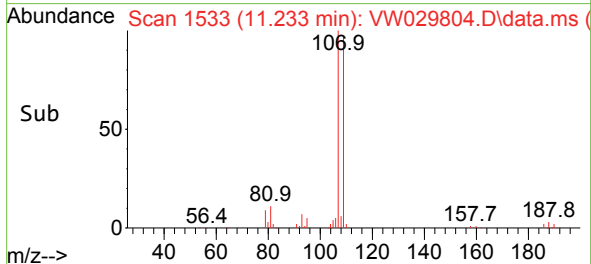
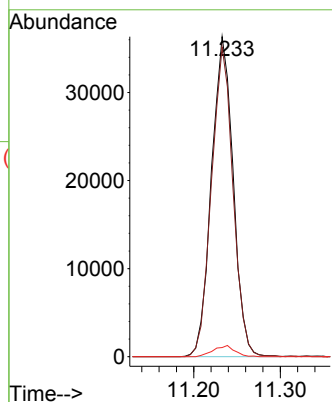
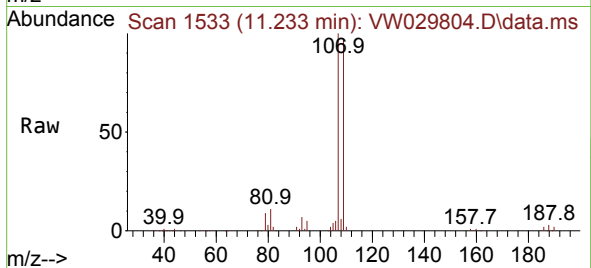
Tgt Ion:107 Resp: 63276

Ion Ratio Lower Upper

107 100

109 96.8 64.8 120.3

188 2.8 2.7 4.1



#51

Chlorobenzene

Concen: 26.049 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

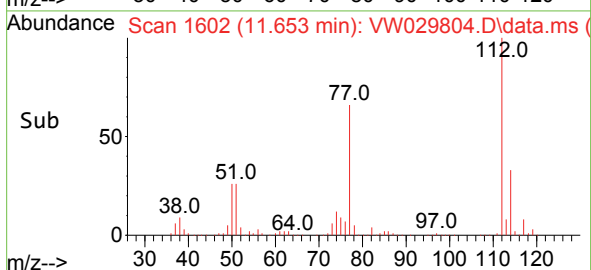
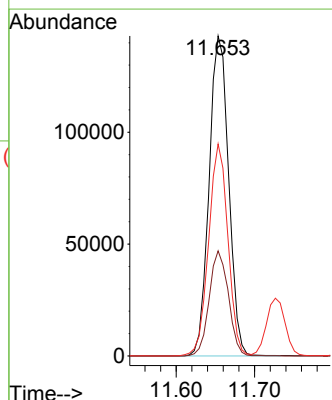
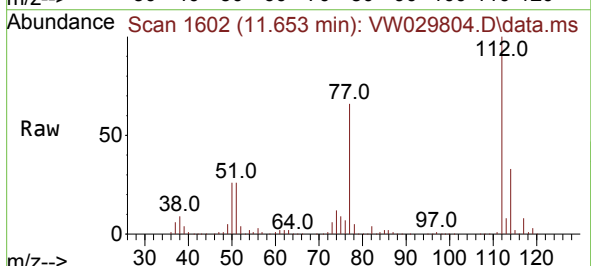
Tgt Ion:112 Resp: 247648

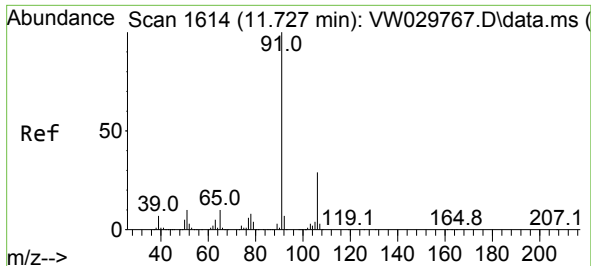
Ion Ratio Lower Upper

112 100

114 32.9 22.0 40.8

77 66.3 53.8 80.8

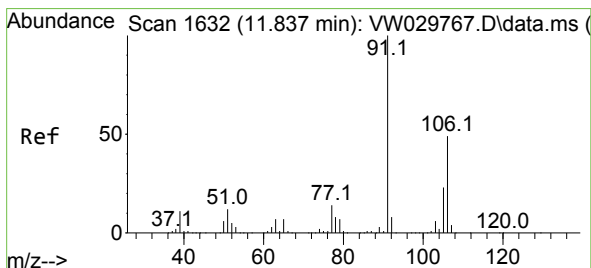
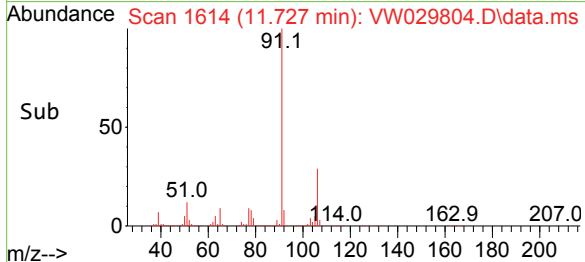
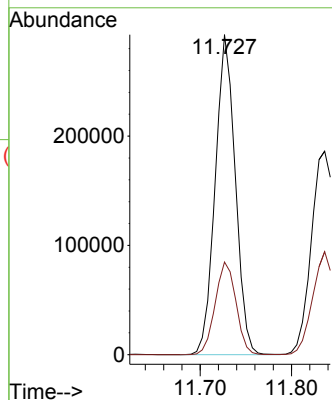
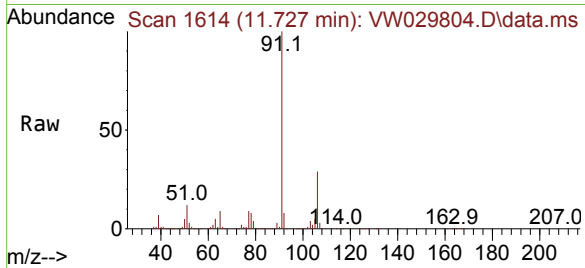




#52
Ethylbenzene
Concen: 25.934 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

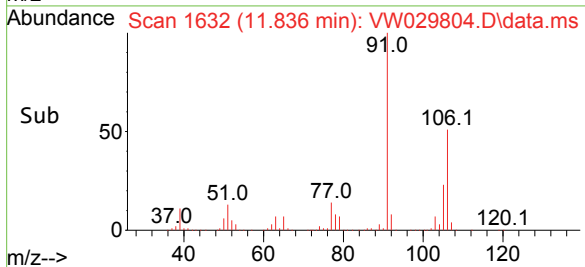
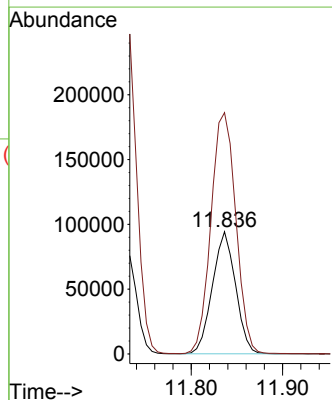
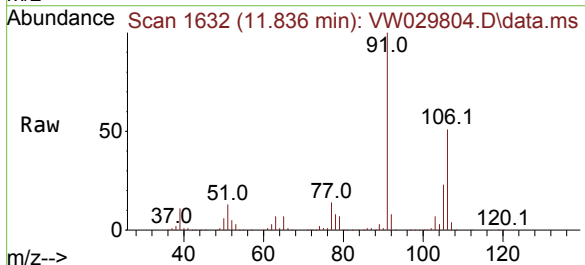
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

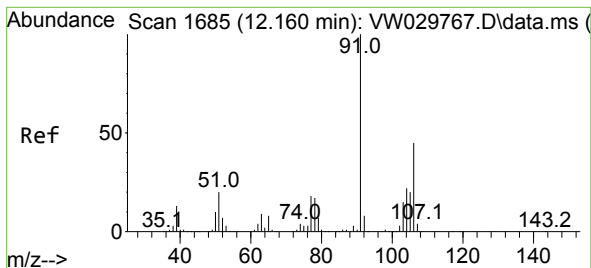
Tgt Ion: 91 Resp: 447128
Ion Ratio Lower Upper
91 100
106 29.0 20.4 38.0



#53
m,p-Xylene
Concen: 26.151 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

Tgt Ion:106 Resp: 165812
Ion Ratio Lower Upper
106 100
91 197.5 151.4 281.2





#54

o-Xylene

Concen: 26.226 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

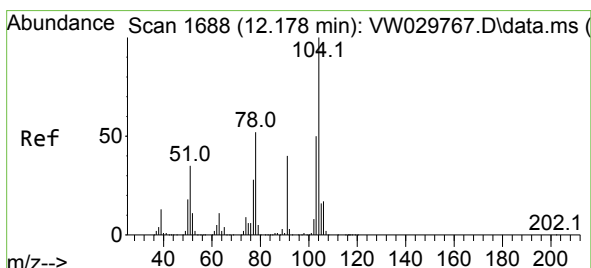
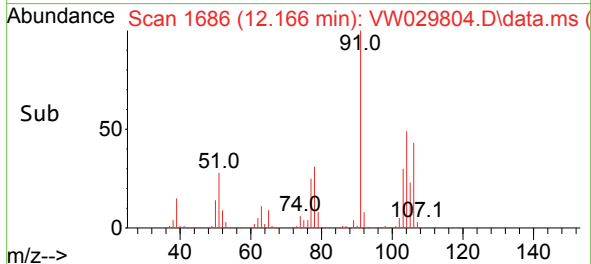
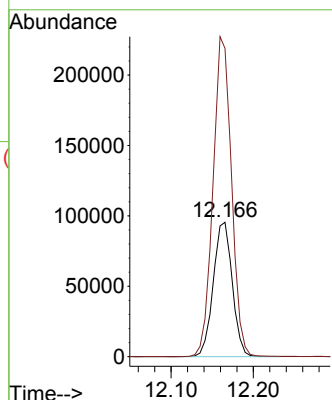
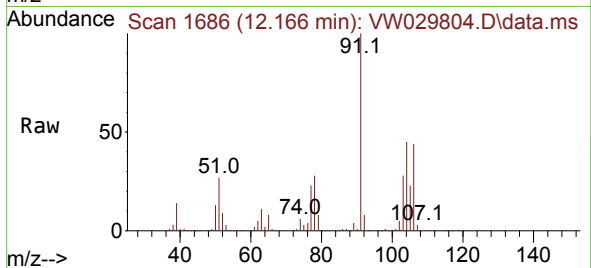
VSTD025563

Tgt Ion:106 Resp: 153131

Ion Ratio Lower Upper

106 100

91 229.5 155.8 289.4



#55

Styrene

Concen: 27.352 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029804.D

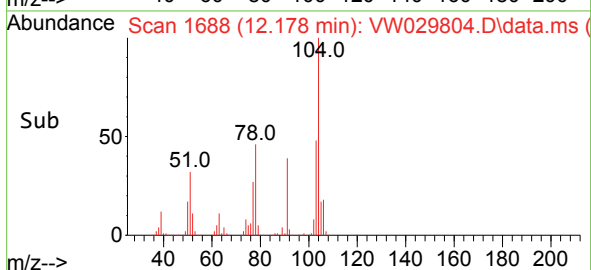
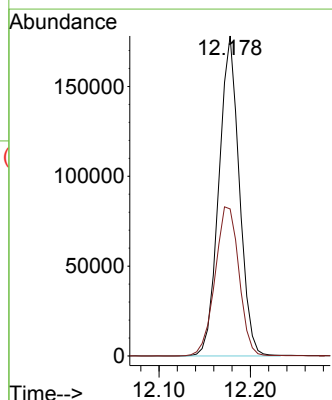
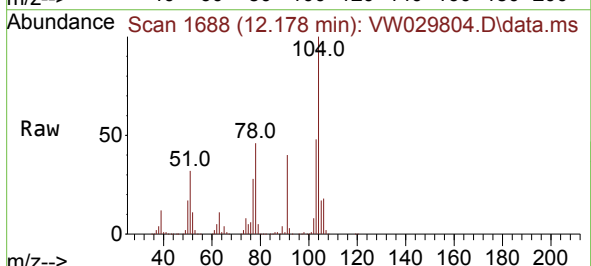
Acq: 31 Jul 2024 09:25

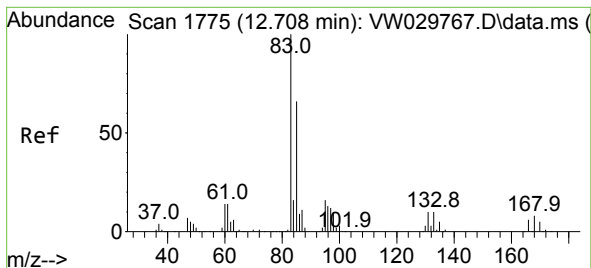
Tgt Ion:104 Resp: 276831

Ion Ratio Lower Upper

104 100

78 45.9 33.3 61.9

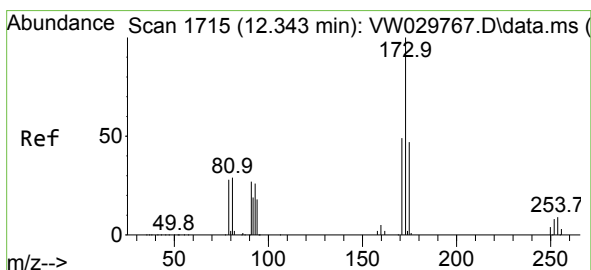
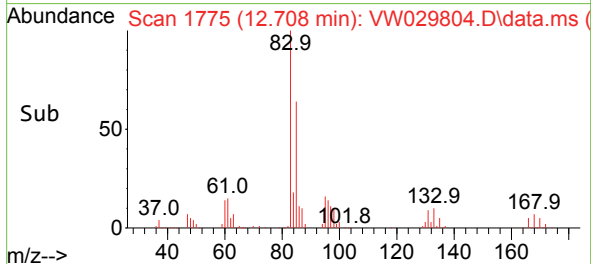
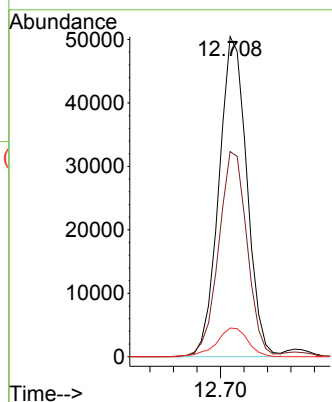
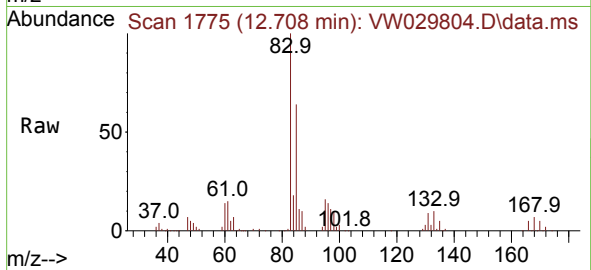




#57
1,1,2,2-Tetrachloroethane
Concen: 24.659 ug/L
RT: 12.708 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

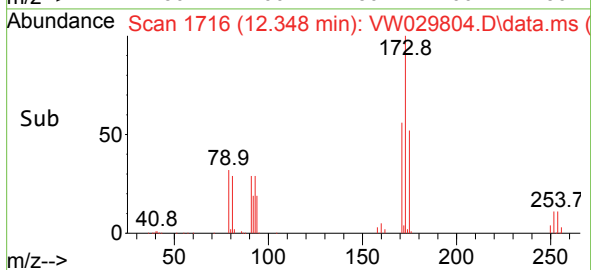
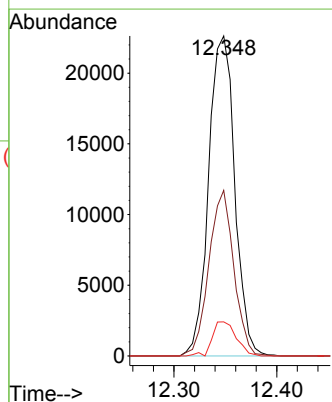
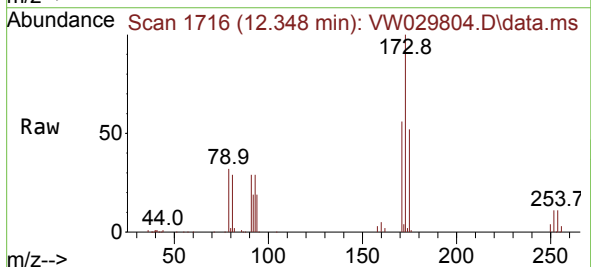
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

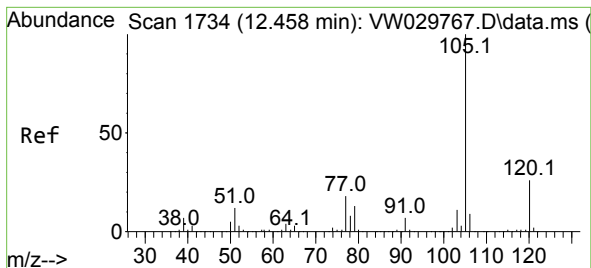
Tgt Ion: 83 Resp: 83433
Ion Ratio Lower Upper
83 100
85 64.1 44.2 82.0
131 9.0 6.2 9.2



#59
Bromoform
Concen: 24.216 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

Tgt Ion: 173 Resp: 39916
Ion Ratio Lower Upper
173 100
175 49.3 38.1 57.1
254 9.5 7.8 11.6





#60

Isopropylbenzene

Concen: 25.745 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

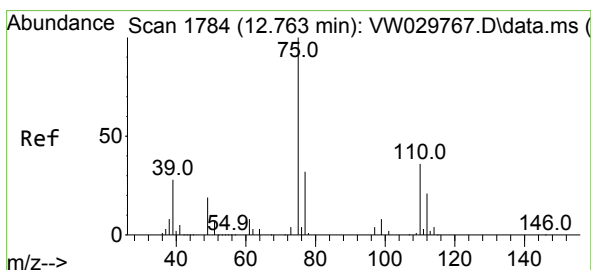
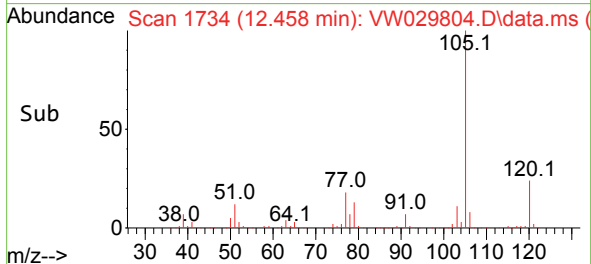
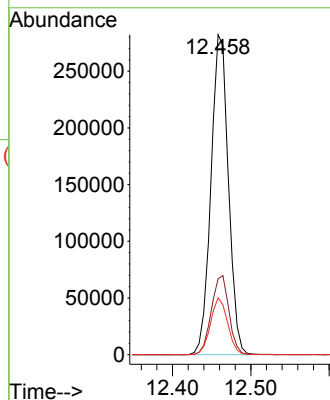
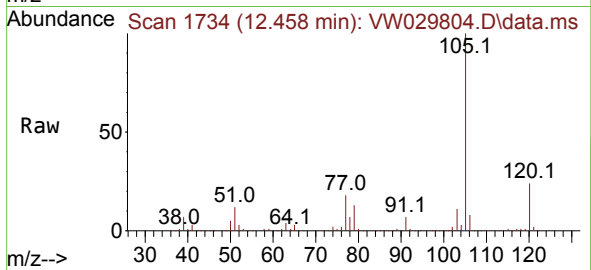
Tgt Ion:105 Resp: 436411

Ion Ratio Lower Upper

105 100

120 25.0 20.3 30.5

77 17.5 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 22.925 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

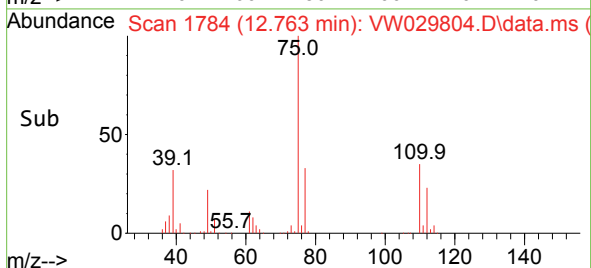
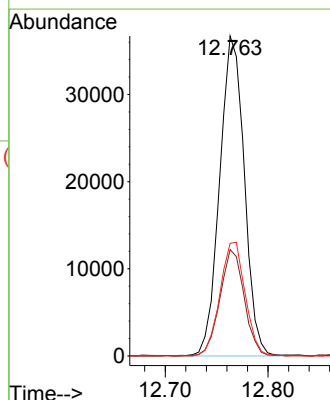
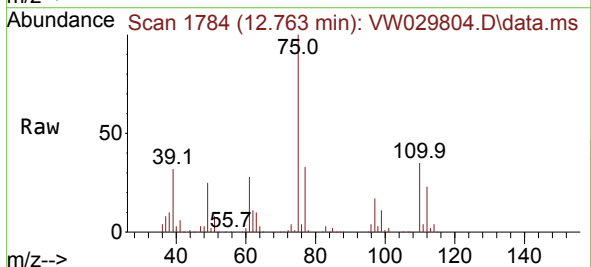
Tgt Ion: 75 Resp: 61080

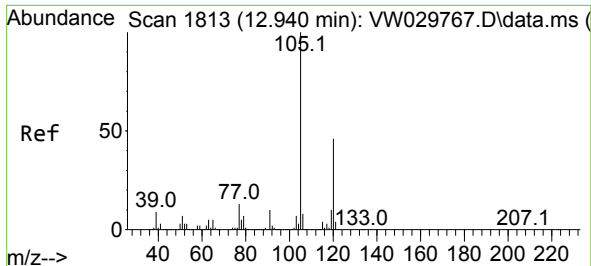
Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0

110 36.5 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 28.268 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

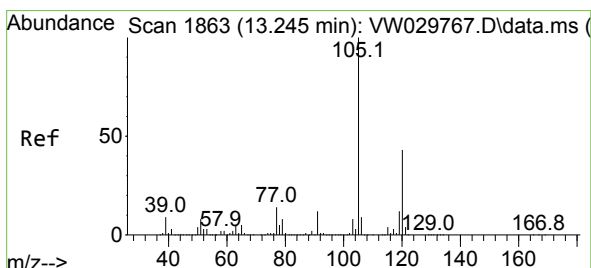
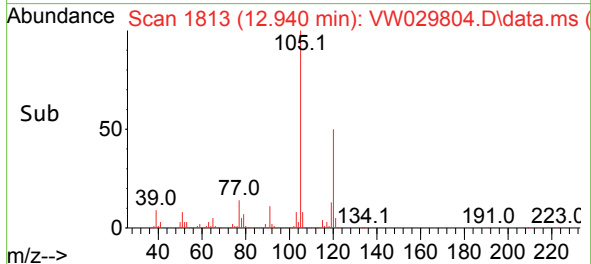
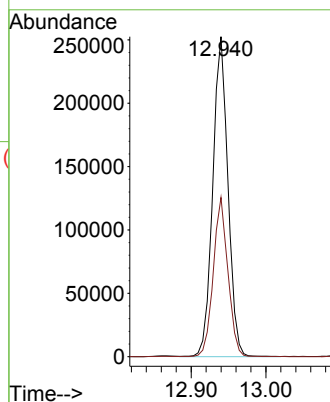
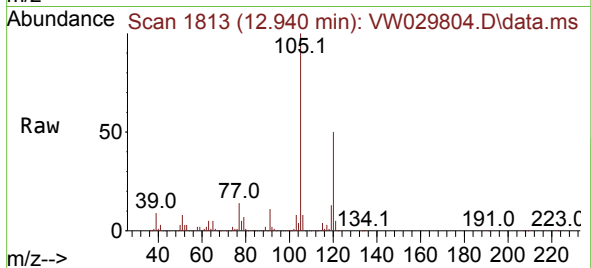
VSTD025563

Tgt Ion:105 Resp: 356170

Ion Ratio Lower Upper

105 100

120 47.9 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 25.996 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029804.D

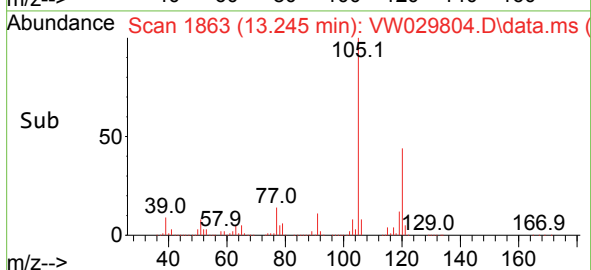
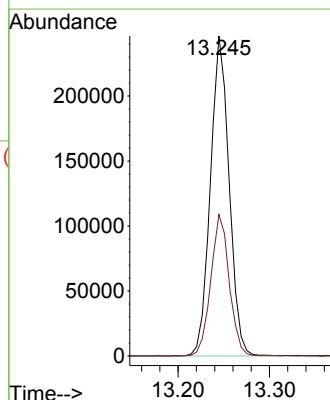
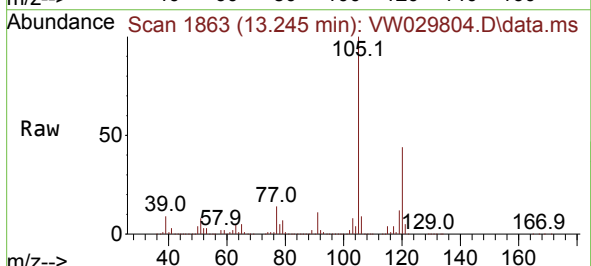
Acq: 31 Jul 2024 09:25

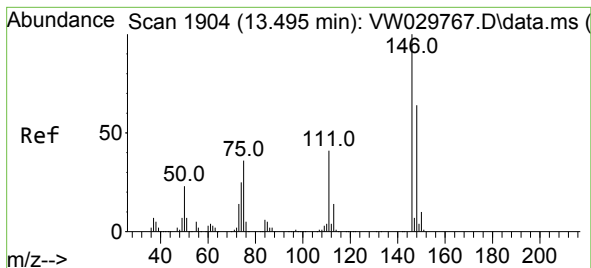
Tgt Ion:105 Resp: 350295

Ion Ratio Lower Upper

105 100

120 43.6 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 24.980 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

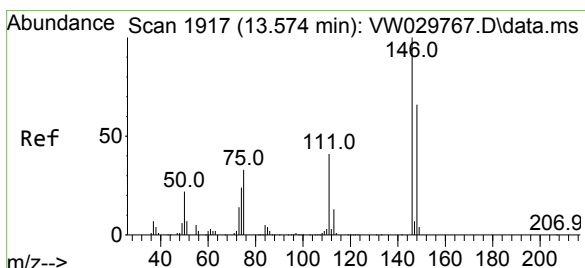
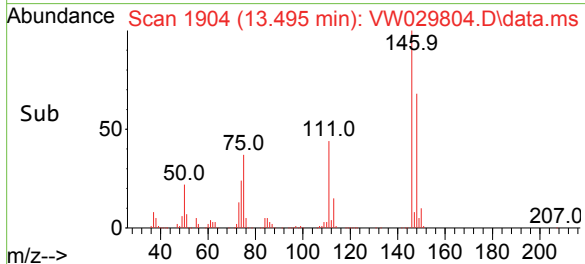
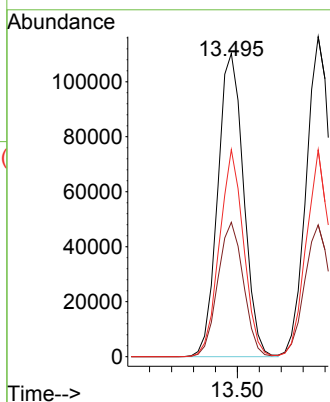
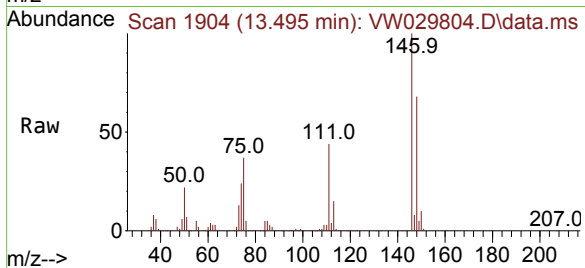
Tgt Ion:146 Resp: 180663

Ion Ratio Lower Upper

146 100

111 44.3 28.7 53.3

148 68.3 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 24.618 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

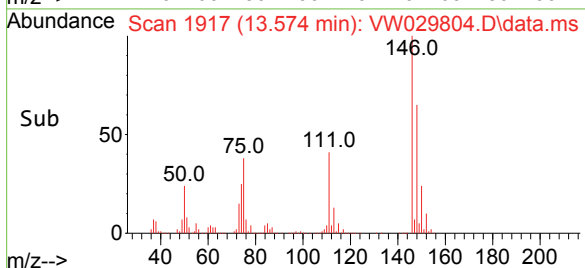
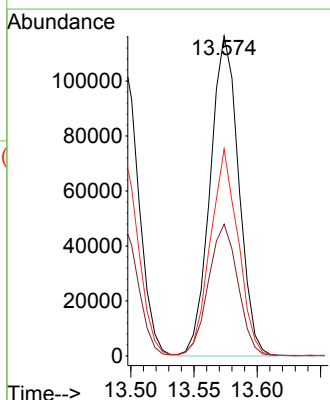
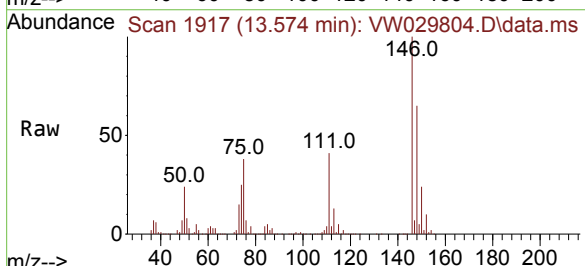
Tgt Ion:146 Resp: 182888

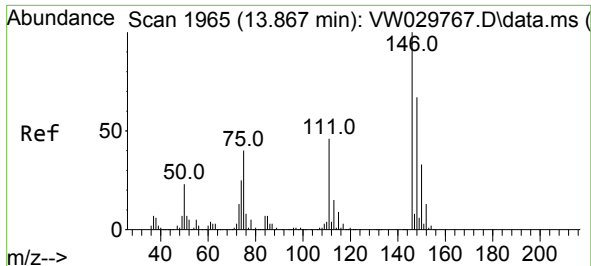
Ion Ratio Lower Upper

146 100

111 41.2 30.1 55.9

148 64.7 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 24.435 ug/L

RT: 13.860 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

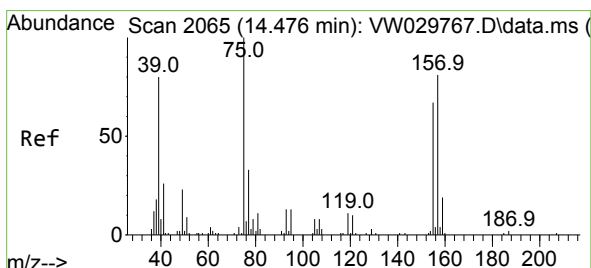
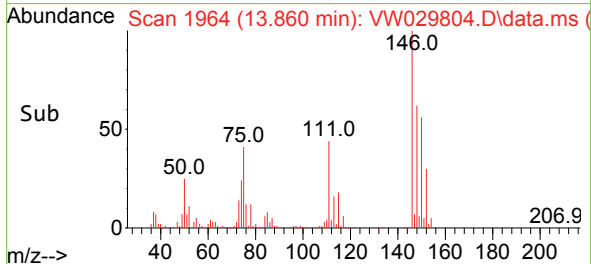
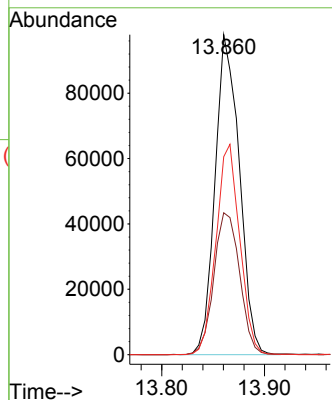
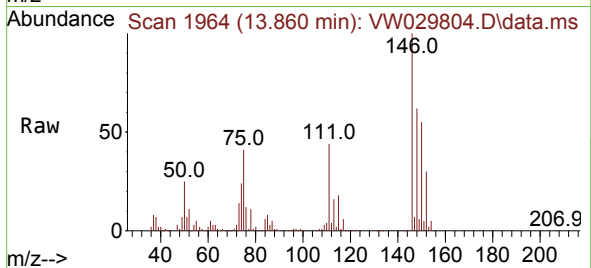
Tgt Ion:146 Resp: 160895

Ion Ratio Lower Upper

146 100

111 44.4 35.8 53.8

148 61.9 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 22.096 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029804.D

Acq: 31 Jul 2024 09:25

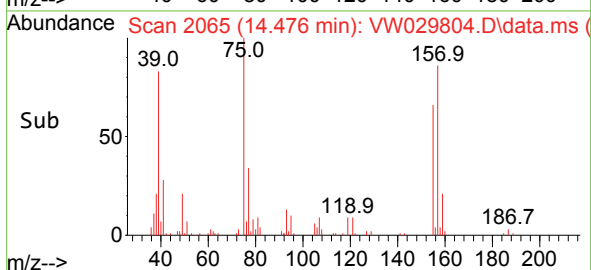
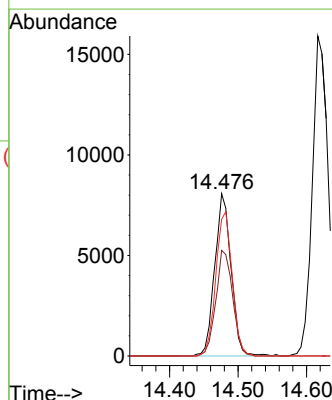
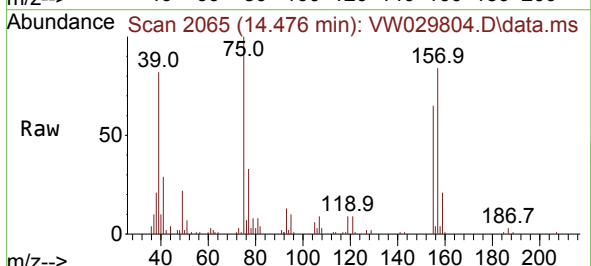
Tgt Ion: 75 Resp: 13367

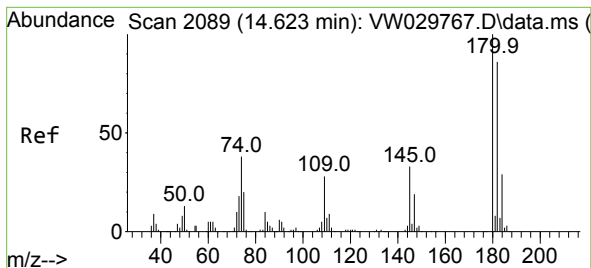
Ion Ratio Lower Upper

75 100

155 65.1 47.8 71.6

157 84.2 63.7 95.5

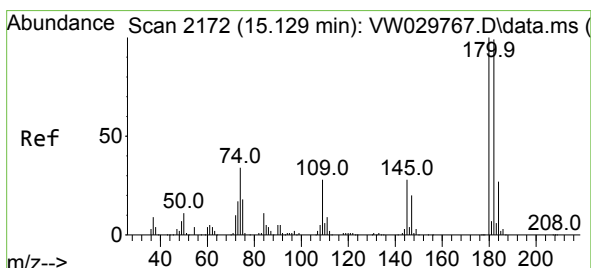
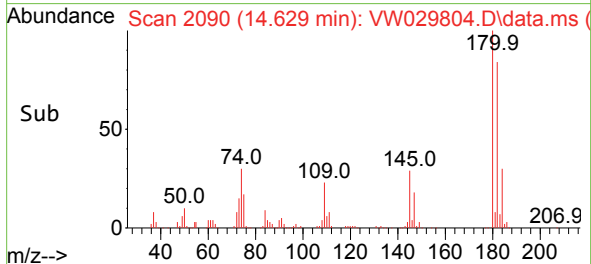
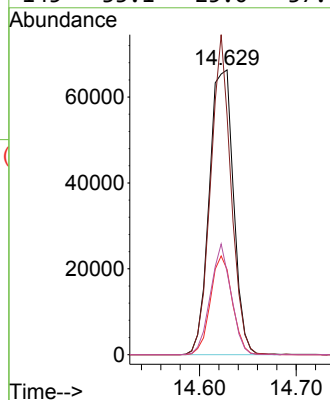
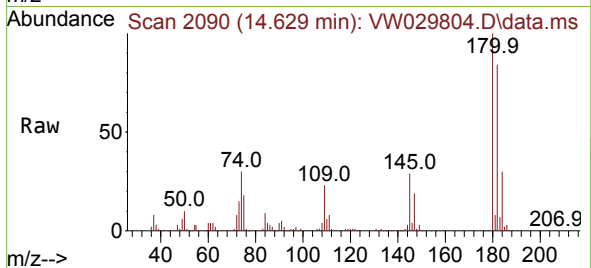




#69
1,3,5-Trichlorobenzene
Concen: 23.334 ug/L
RT: 14.629 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

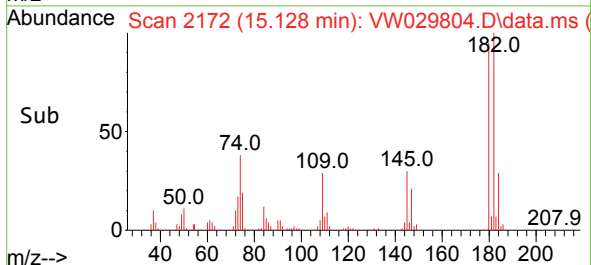
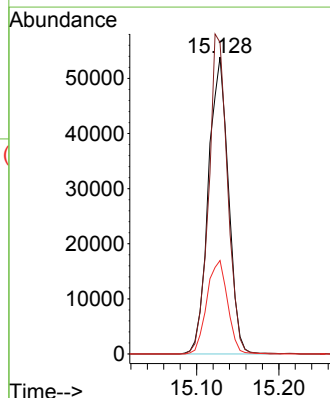
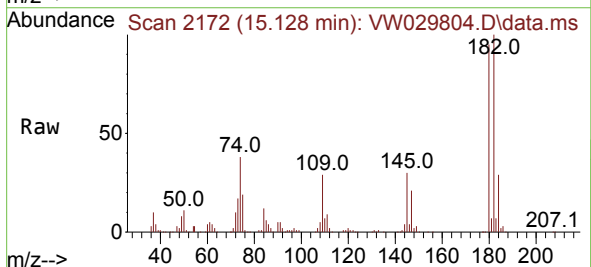
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

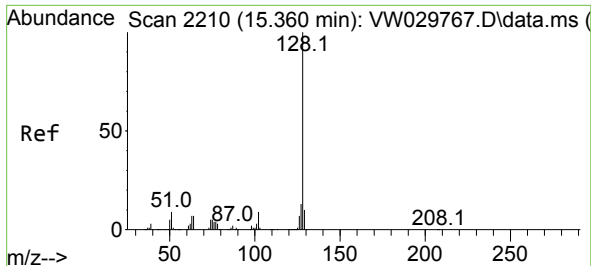
Tgt Ion:	180	Resp:	115466
Ion Ratio	Lower	Upper	
180	100		
182	94.0	72.7	109.1
184	31.3	23.3	34.9
145	33.1	25.0	37.4



#70
1,2,4-trichlorobenzene
Concen: 21.861 ug/L
RT: 15.128 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

Tgt Ion:	180	Resp:	91137
Ion Ratio	Lower	Upper	
180	100		
182	101.2	80.2	120.4
145	32.6	26.3	39.5

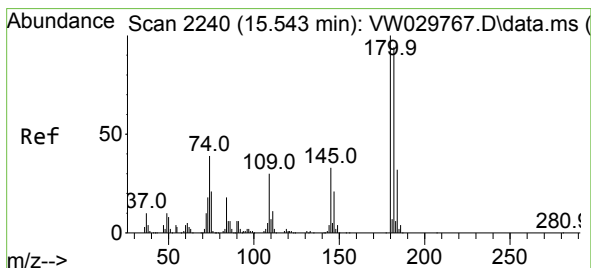
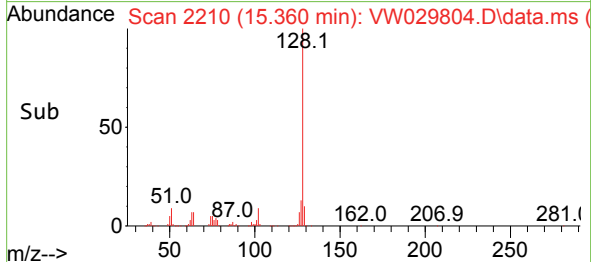
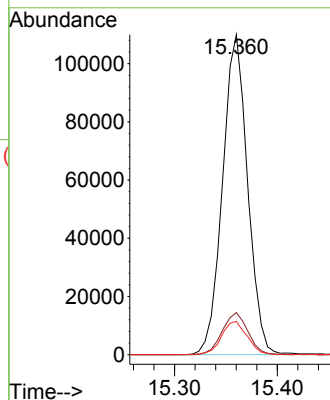
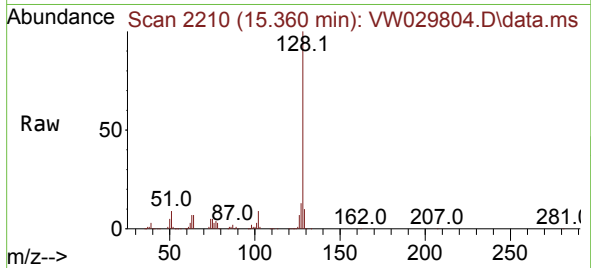




#71
Naphthalene
Concen: 23.387 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

Tgt Ion:128 Resp: 186030
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.7 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 22.006 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW029804.D
Acq: 31 Jul 2024 09:25

Tgt Ion:180 Resp: 83035
Ion Ratio Lower Upper
180 100
182 97.4 74.0 111.0
145 33.2 27.5 41.3

