

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073024\
 Data File : VW029794.D
 Acq On : 30 Jul 2024 08:56
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025561

Quant Time: Jul 31 01:55:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 30 06:26:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	249818	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	231547	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114057	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	62185	17.534	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.120%
7) Chloroethane-d5	2.899	69	50195	19.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.280%
11) 1,1-Dichloroethene-d2	4.021	65	30413	18.786	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.160%
21) 2-Butanone-d5	7.075	46	39847	40.992	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.980%
24) Chloroform-d	7.648	84	150344	23.248	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	8.301	65	82932	22.515	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.040%
32) Benzene-d6	8.270	84	274177	21.915	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.680%
36) 1,2-Dichloropropane-d6	9.270	67	87996	22.028	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.120%
41) Toluene-d8	10.319	98	246118	22.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.480%
43) trans-1,3-Dichloroprop...	10.575	79	34401	21.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.120%
47) 2-Hexanone-d5	10.922	63	26753	40.614	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.220%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	65981	22.244	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	74925	21.156	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	79911	23.731	ug/L	95
3) Chloromethane	2.222	50	103995	24.958	ug/L	98
5) Vinyl chloride	2.375	62	117510	25.168	ug/L	98
6) Bromomethane	2.783	94	65016	25.359	ug/L	96
8) Chloroethane	2.930	64	68728	25.876	ug/L	96
9) Trichlorofluoromethane	3.265	101	95415	25.585	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	95403	25.685	ug/L	96
12) 1,1-Dichloroethene	4.039	96	87388	25.606	ug/L	96
13) Acetone	4.125	43	68221	56.473	ug/L	100
14) Carbon disulfide	4.393	76	294024	25.888	ug/L	98
15) Methyl Acetate	4.667	43	48047	23.879	ug/L	99
16) Methylene chloride	4.917	84	100449	19.234	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	93156	25.330	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	144924	23.909	ug/L	98
19) 1,1-Dichloroethane	6.222	63	197949	25.520	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	99938	25.051	ug/L	97
22) 2-Butanone	7.167	43	78738	50.869	ug/L	100
23) Bromochloromethane	7.508	128	43632	25.763	ug/L	92
25) Chloroform	7.673	83	192113	26.288	ug/L	99

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 Response via : Initial Calibration

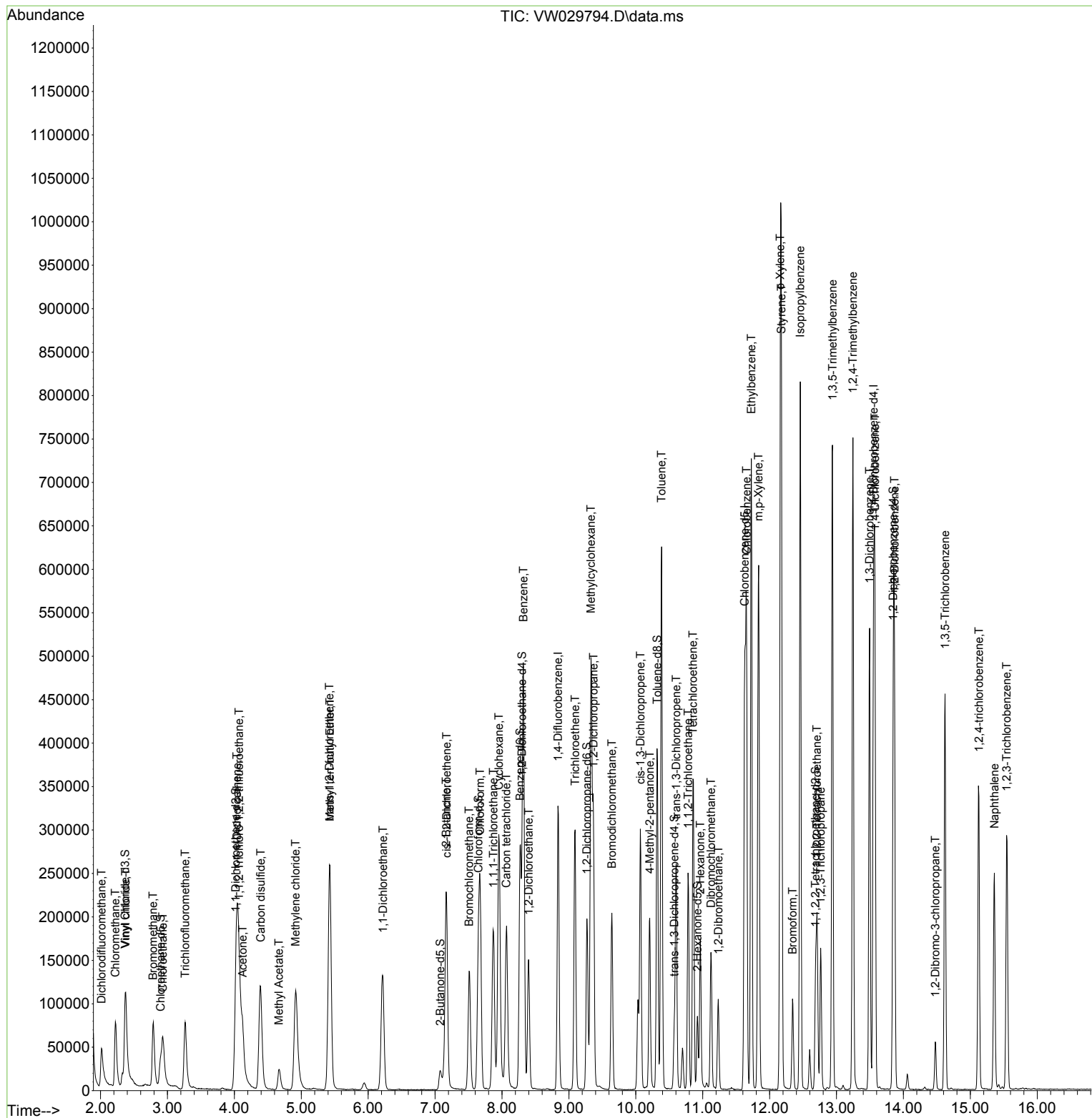
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	135999	25.536	ug/L	100
29) Cyclohexane	7.953	56	168382	25.589	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	149397	25.479	ug/L	100
31) Carbon tetrachloride	8.063	117	137920	26.104	ug/L	96
33) Benzene	8.319	78	417687	26.328	ug/L	100
34) Trichloroethene	9.093	95	105993	25.485	ug/L	98
35) Methylcyclohexane	9.331	83	180412	26.033	ug/L	97
37) 1,2-Dichloropropane	9.368	63	113591	26.127	ug/L	99
38) Bromodichloromethane	9.642	83	133518	25.789	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	161071	25.439	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	137119	49.653	ug/L	100
42) Toluene	10.386	91	431778	26.663	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	137328	26.127	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	72835	24.937	ug/L	97
46) Tetrachloroethene	10.855	164	73420	24.288	ug/L	90
48) 2-Hexanone	10.965	43	112073	54.187	ug/L	99
49) Dibromochloromethane	11.123	129	78819	25.995	ug/L	100
50) 1,2-Dibromoethane	11.233	107	67857	25.109	ug/L	95
51) Chlorobenzene	11.654	112	259576	25.770	ug/L	99
52) Ethylbenzene	11.727	91	490741	26.865	ug/L	99
53) m,p-Xylene	11.837	106	179160	26.668	ug/L	99
54) o-Xylene	12.160	106	162428	26.255	ug/L	100
55) Styrene	12.178	104	291269	27.162	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	88875	24.792	ug/L	99
59) Bromoform	12.343	173	42453	24.736	ug/L	98
60) Isopropylbenzene	12.458	105	466314	26.421	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	66228	23.874	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	380350	28.993	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	369492	26.336	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	192855	25.611	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	198398	25.649	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	167121	24.377	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14363	22.803	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	127350	24.718	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	96403	22.210	ug/L	99
71) Naphthalene	15.360	128	193133	23.320	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	89727	22.840	ug/L	94

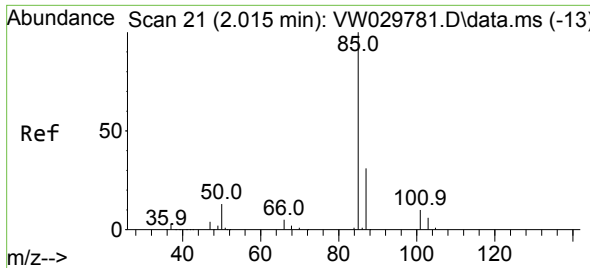
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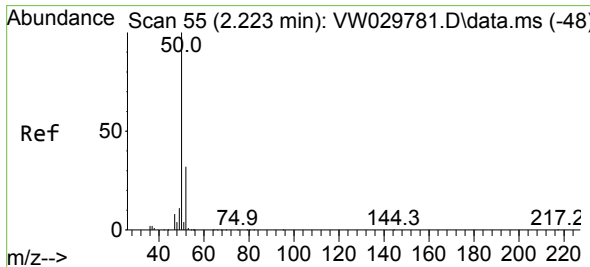
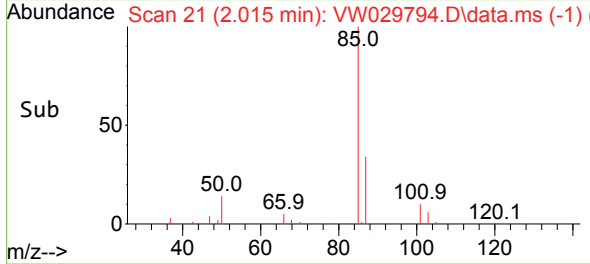
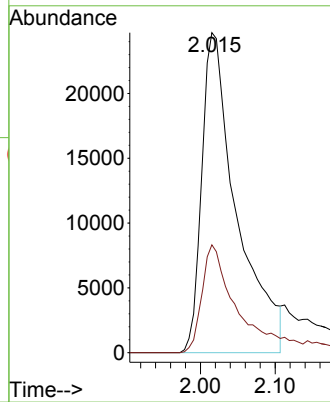
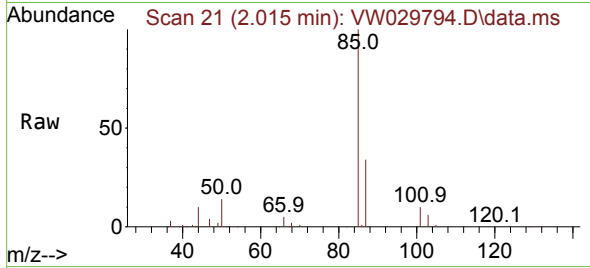




#2
Dichlorodifluoromethane
Concen: 23.731 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

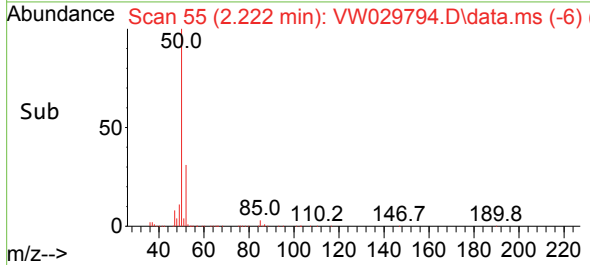
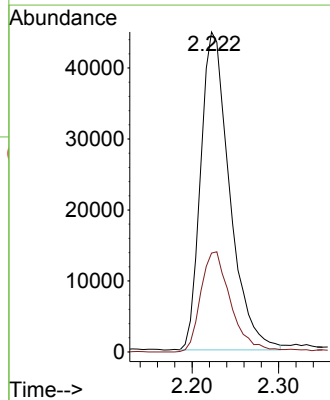
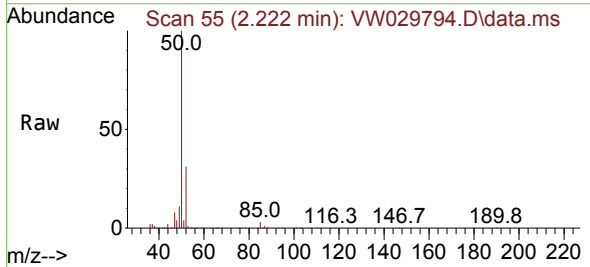
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

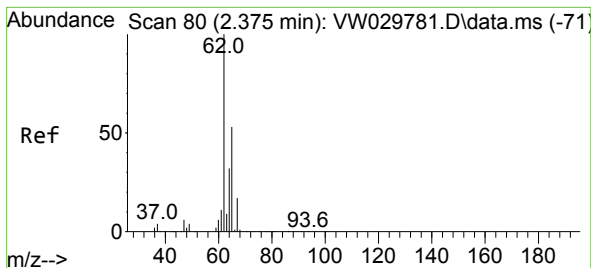
Tgt Ion: 85 Resp: 79911
Ion Ratio Lower Upper
85 100
87 34.5 25.5 38.3



#3
Chloromethane
Concen: 24.958 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Tgt Ion: 50 Resp: 103995
Ion Ratio Lower Upper
50 100
52 30.9 22.5 41.9





#5

Vinyl chloride

Concen: 25.168 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW029794.D

Acq: 30 Jul 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

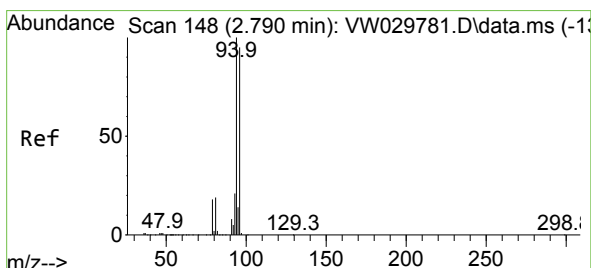
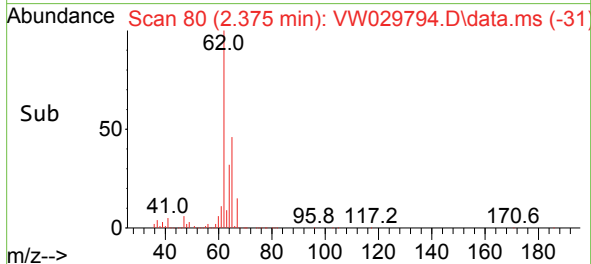
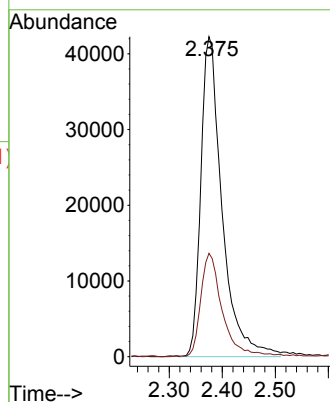
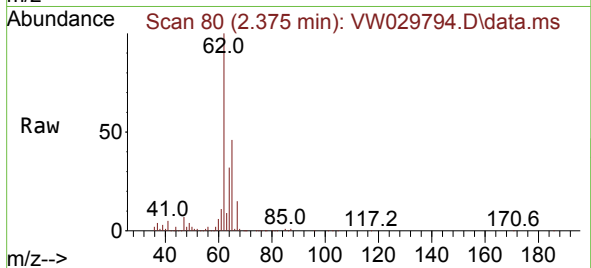
VSTD025561

Tgt Ion: 62 Resp: 117510

Ion Ratio Lower Upper

62 100

64 32.3 23.2 43.2



#6

Bromomethane

Concen: 25.359 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW029794.D

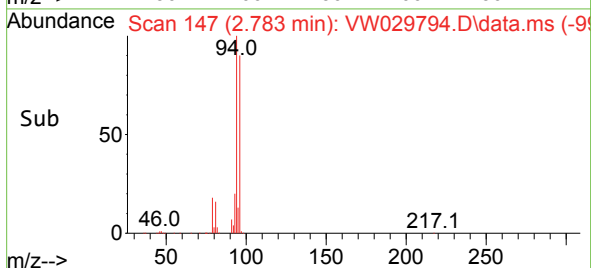
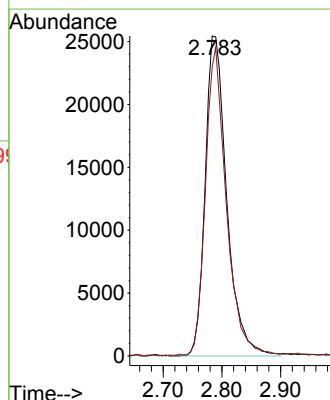
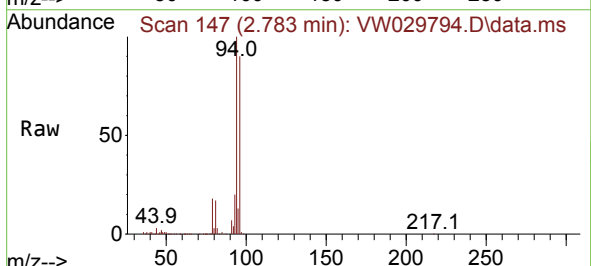
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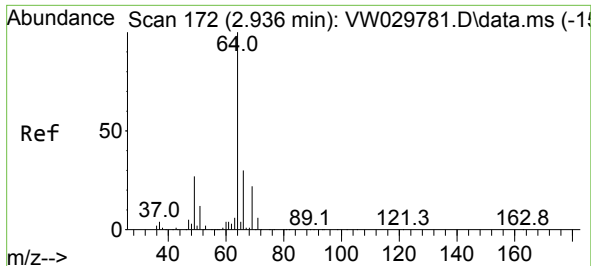
Tgt Ion: 94 Resp: 65016

Ion Ratio Lower Upper

94 100

96 90.3 66.2 123.0

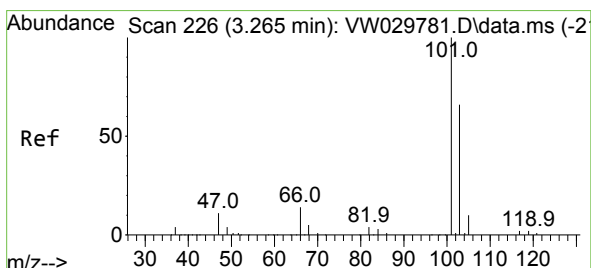
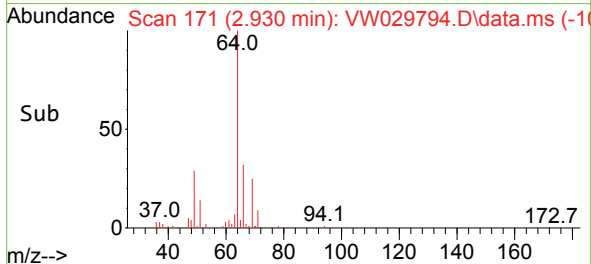
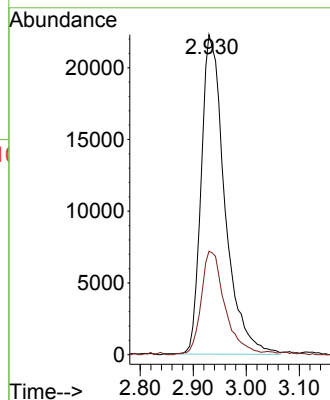
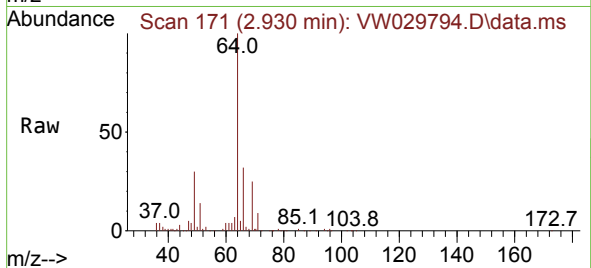




#8
Chloroethane
Concen: 25.876 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

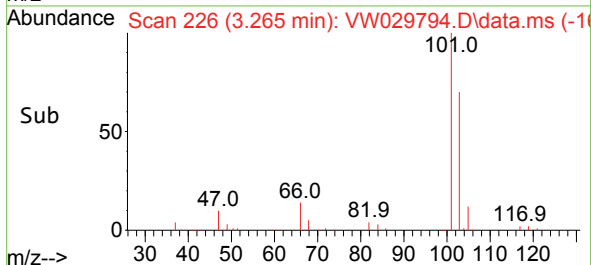
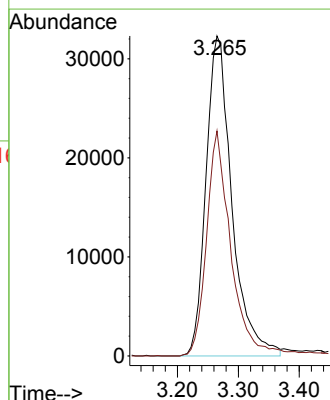
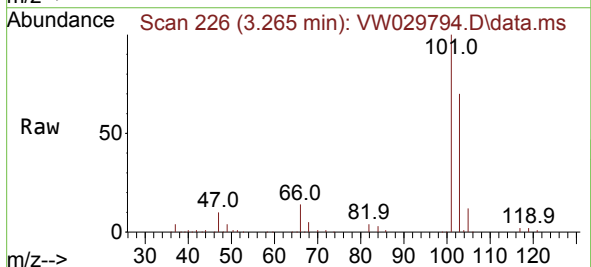
Instrument :
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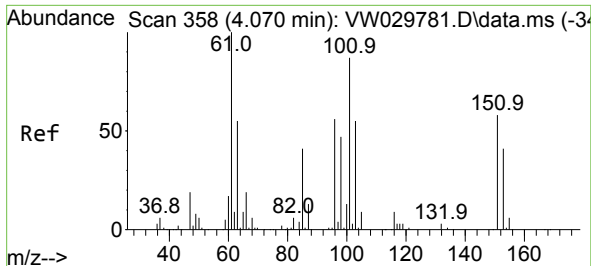
Tgt Ion: 64 Resp: 68728
Ion Ratio Lower Upper
64 100
66 32.4 21.2 39.4



#9
Trichlorofluoromethane
Concen: 25.585 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Tgt Ion:101 Resp: 95415
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.4

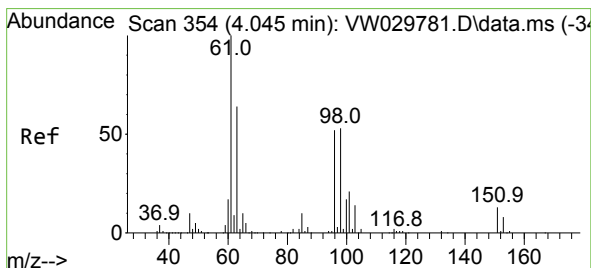
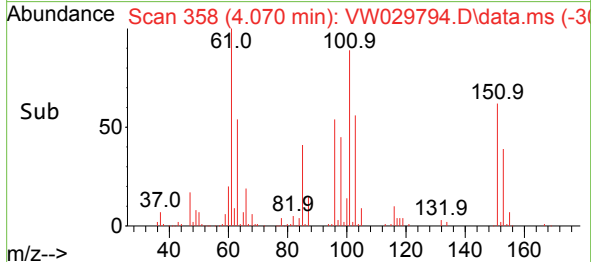
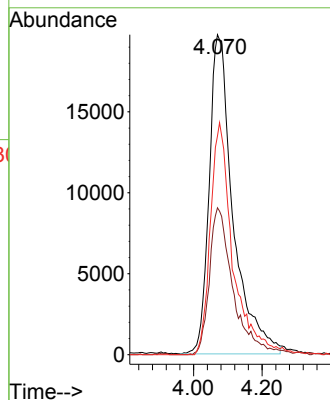
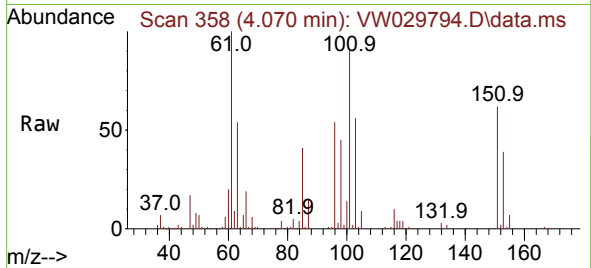




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.685 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW029794.D
 Acq: 30 Jul 2024 08:56

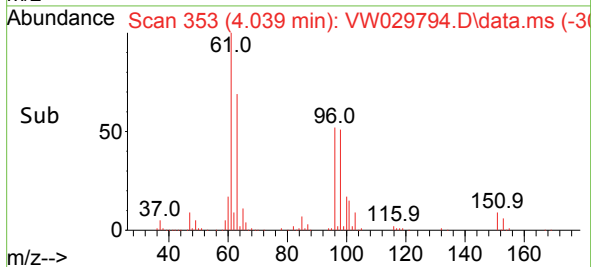
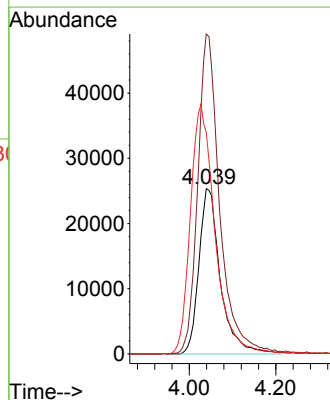
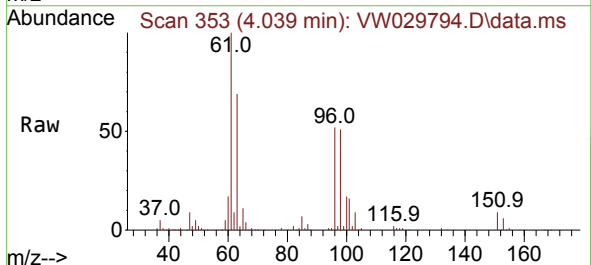
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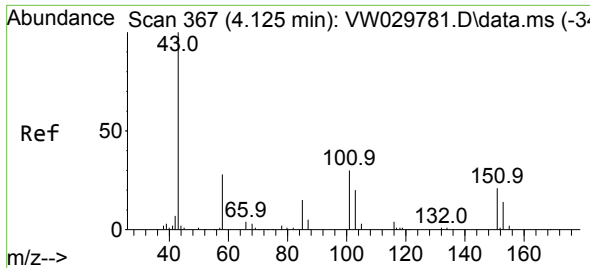
Tgt Ion:101 Resp: 95403
 Ion Ratio Lower Upper
 101 100
 85 41.9 34.2 51.4
 151 62.7 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 25.606 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW029794.D
 Acq: 30 Jul 2024 08:56

Tgt Ion: 96 Resp: 87388
 Ion Ratio Lower Upper
 96 100
 61 193.6 138.3 256.9
 63 133.9 89.0 165.4





#13

Acetone

Concen: 56.473 ug/L

RT: 4.125 min Scan# 367

Delta R.T. -0.000 min

Lab File: VW029794.D

Acq: 30 Jul 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

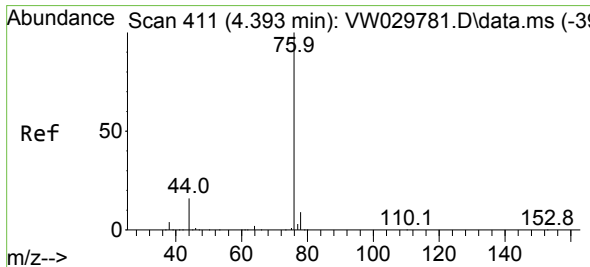
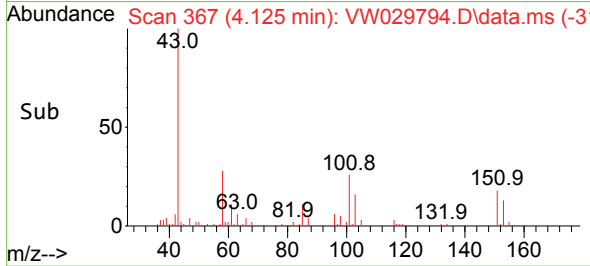
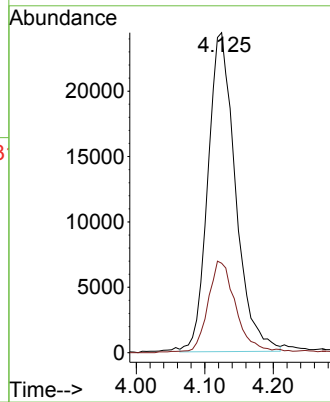
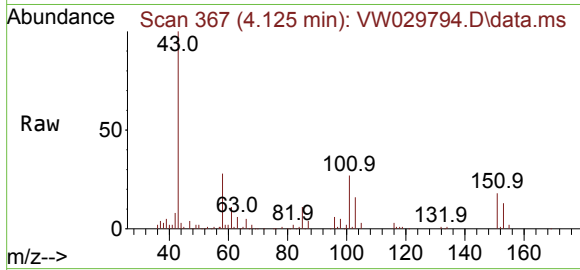
VSTD025561

Tgt Ion: 43 Resp: 68221

Ion Ratio Lower Upper

43 100

58 28.6 0.0 57.6



#14

Carbon disulfide

Concen: 25.888 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

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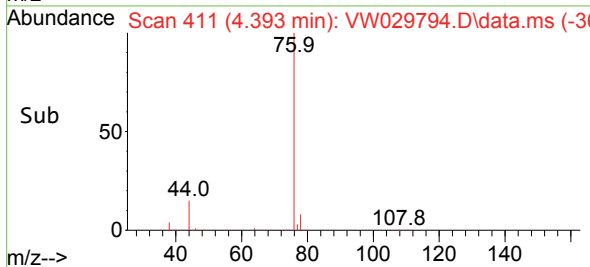
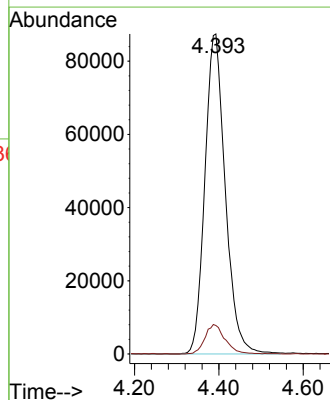
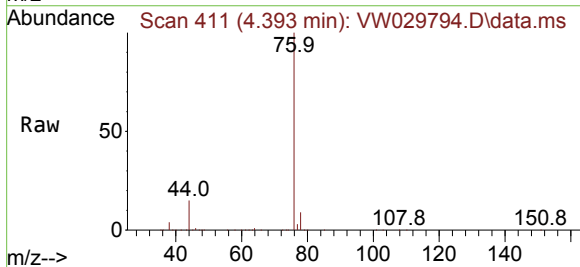
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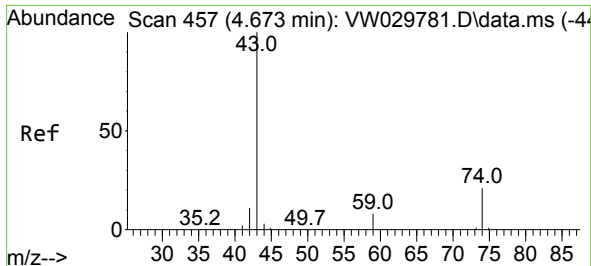
Tgt Ion: 76 Resp: 294024

Ion Ratio Lower Upper

76 100

78 8.9 7.6 11.4

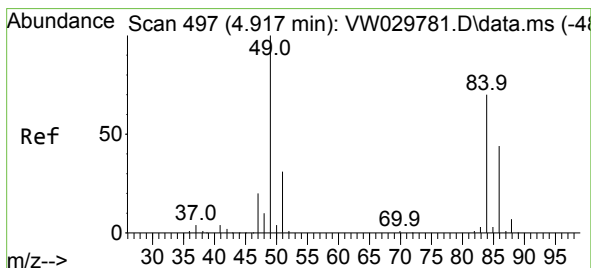
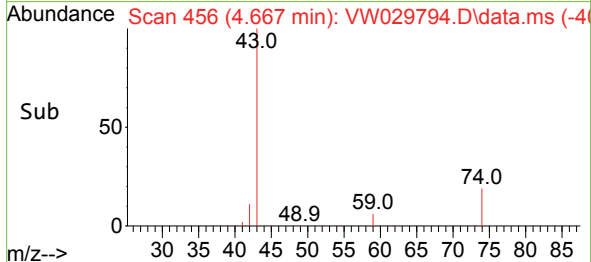
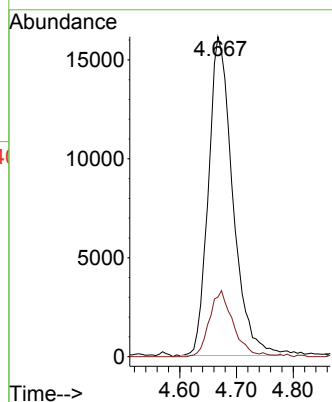
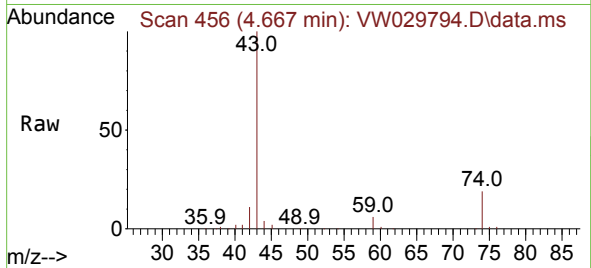




#15
Methyl Acetate
Concen: 23.879 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

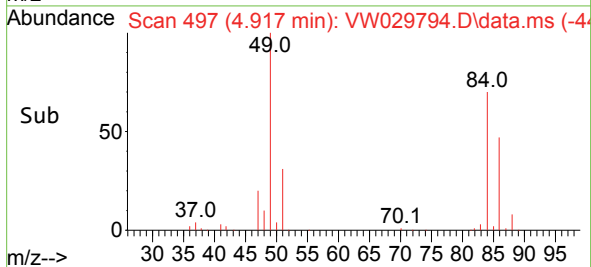
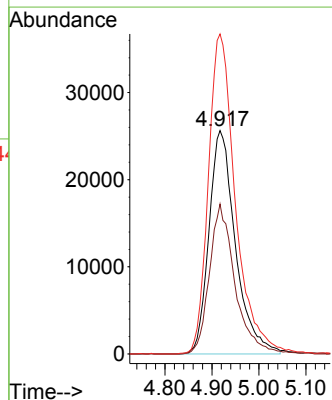
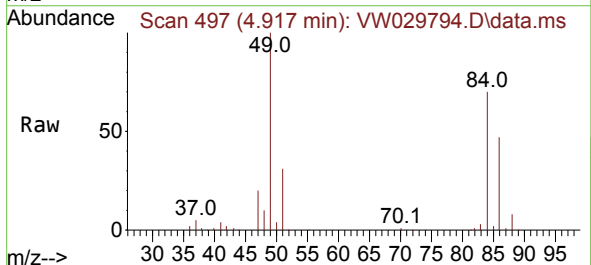
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

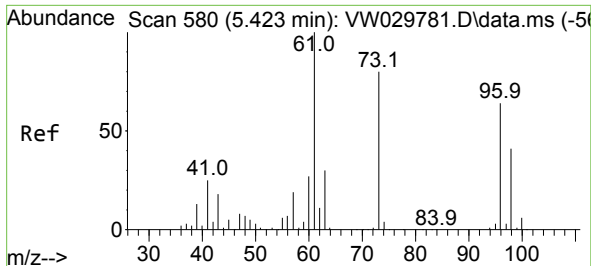
Tgt Ion: 43 Resp: 48047
Ion Ratio Lower Upper
43 100
74 19.9 16.5 24.7



#16
Methylene chloride
Concen: 19.234 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Tgt Ion: 84 Resp: 100449
Ion Ratio Lower Upper
84 100
86 67.1 44.7 82.9
49 143.3 99.0 184.0

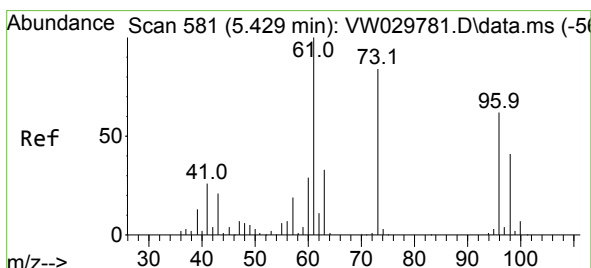
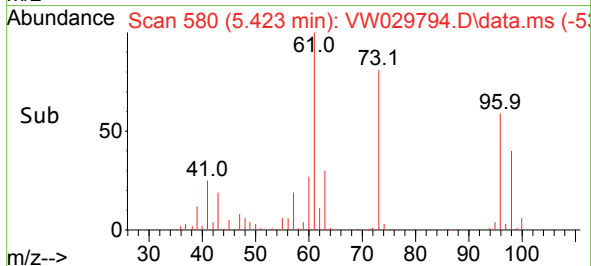
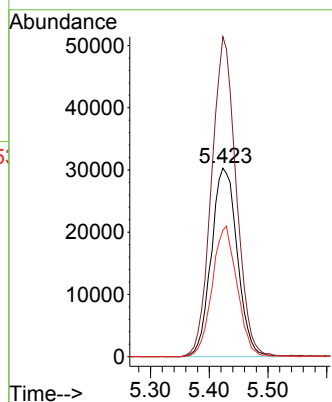
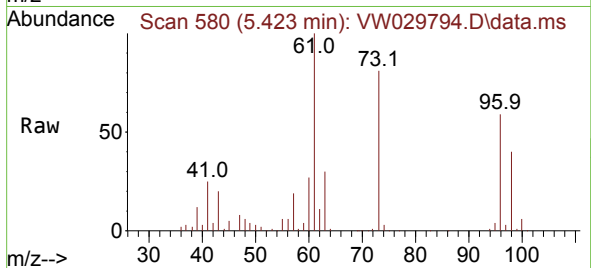




#17
trans-1,2-Dichloroethene
Concen: 25.330 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

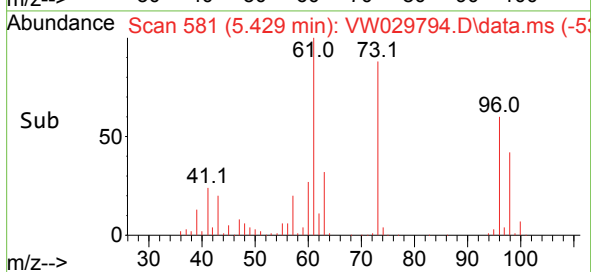
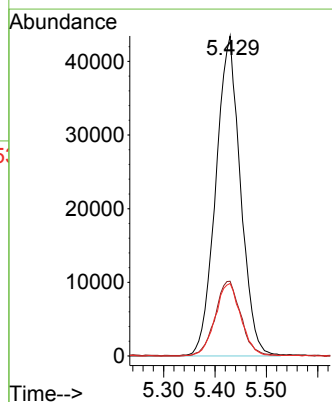
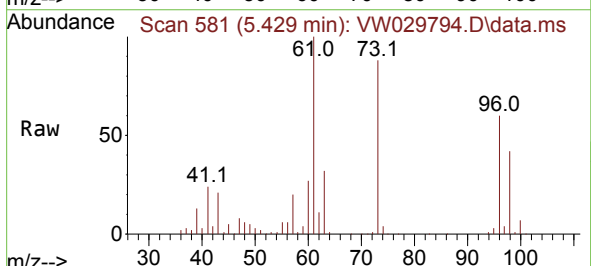
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

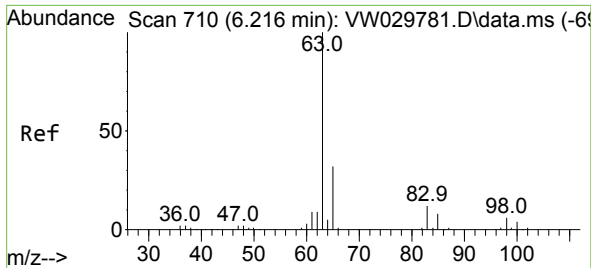
Tgt Ion: 96 Resp: 93156
Ion Ratio Lower Upper
96 100
61 169.8 111.2 206.6
98 67.1 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 23.909 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Tgt Ion: 73 Resp: 144924
Ion Ratio Lower Upper
73 100
43 24.0 18.3 27.5
57 23.5 17.9 26.9

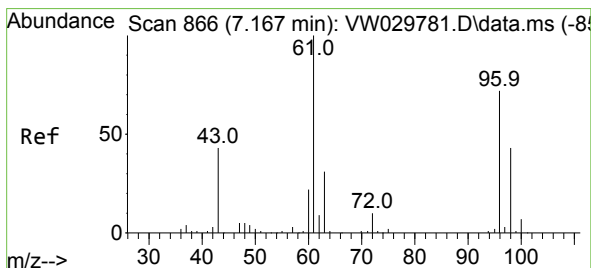
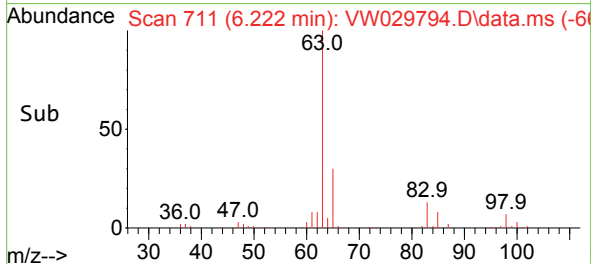
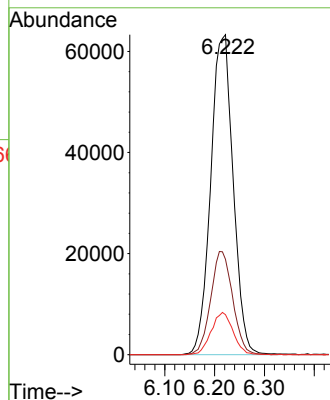
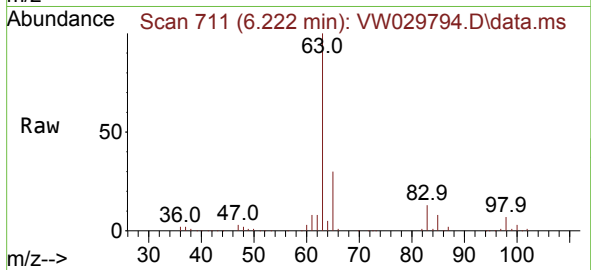




#19
1,1-Dichloroethane
Concen: 25.520 ug/L
RT: 6.222 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

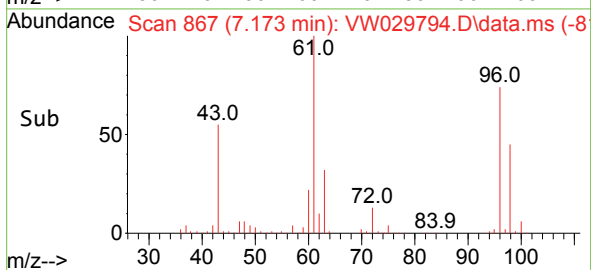
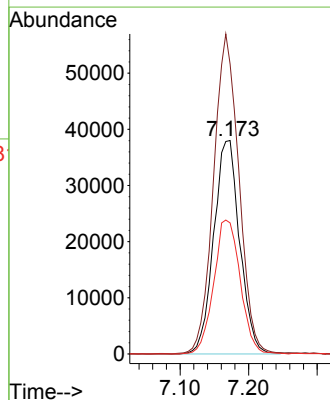
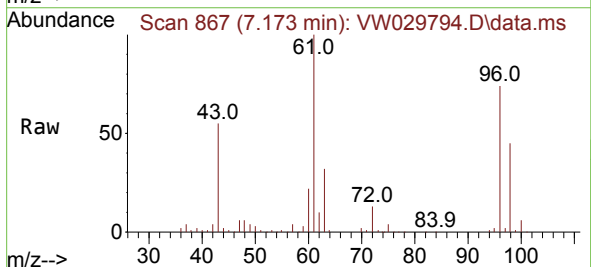
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

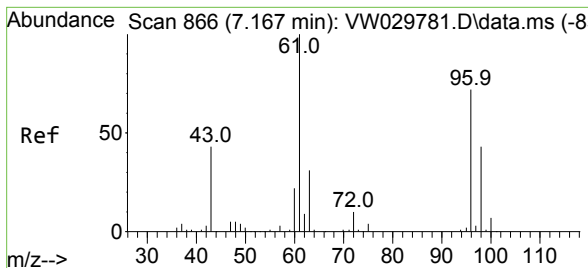
Tgt Ion: 63 Resp: 197949
Ion Ratio Lower Upper
63 100
65 29.8 22.3 41.3
83 12.5 8.5 15.7



#20
cis-1,2-Dichloroethene
Concen: 25.051 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Tgt Ion: 96 Resp: 99938
Ion Ratio Lower Upper
96 100
61 135.7 98.2 182.4
98 61.4 41.9 77.9





#22

2-Butanone

Concen: 50.869 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW029794.D

Acq: 30 Jul 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

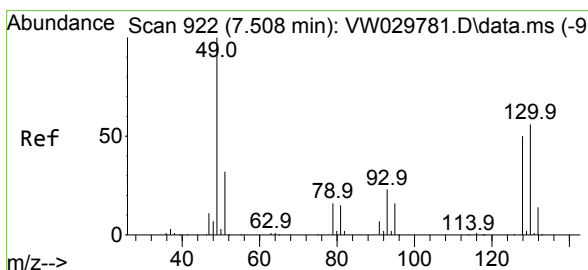
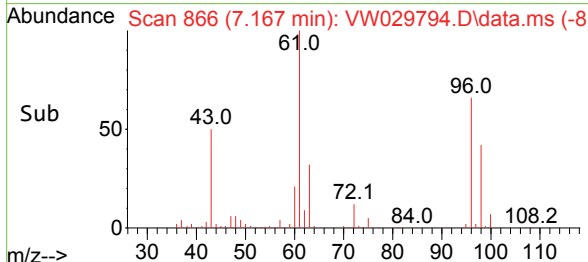
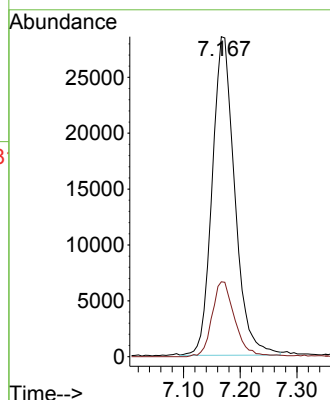
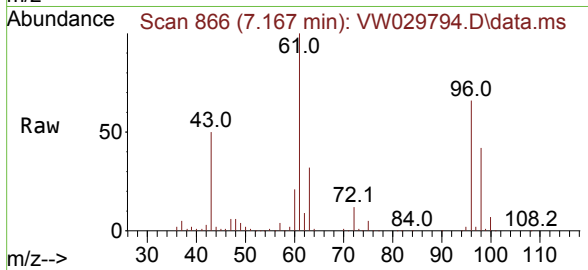
VSTD025561

Tgt Ion: 43 Resp: 78738

Ion Ratio Lower Upper

43 100

72 23.6 11.7 35.1



#23

Bromochloromethane

Concen: 25.763 ug/L

RT: 7.508 min Scan# 922

Delta R.T. -0.000 min

Lab File: VW029794.D

Acq: 30 Jul 2024 08:56

Tgt Ion: 128 Resp: 43632

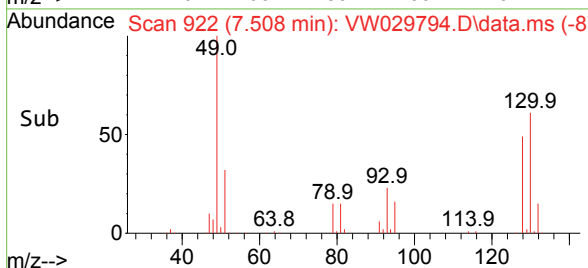
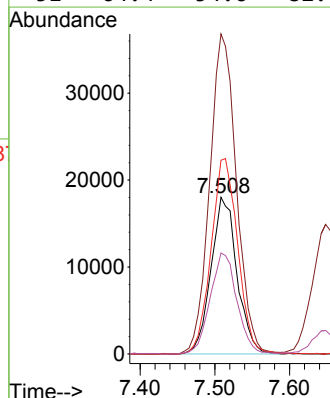
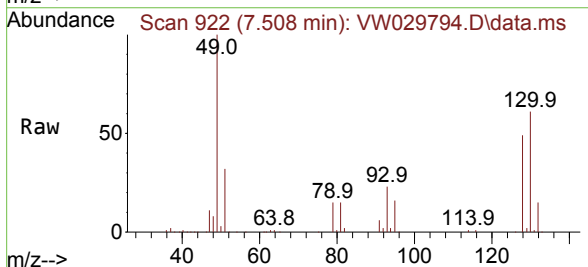
Ion Ratio Lower Upper

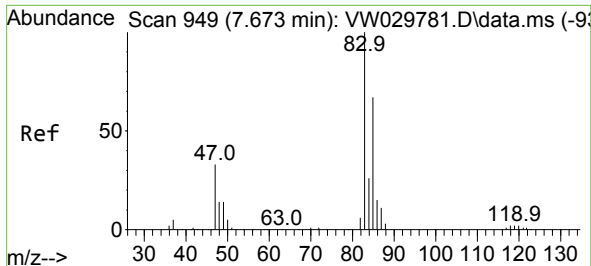
128 100

49 204.3 151.1 280.7

130 123.8 96.8 179.8

51 64.4 54.6 82.0

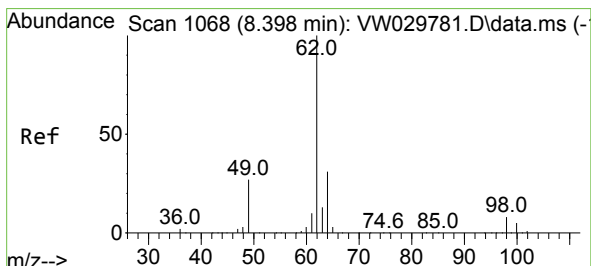
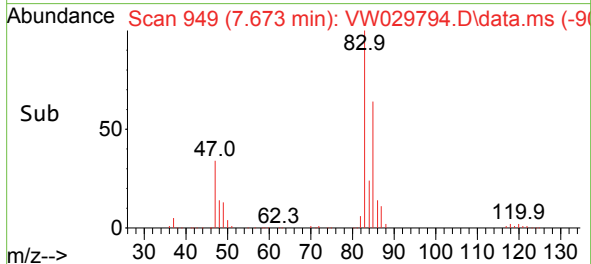
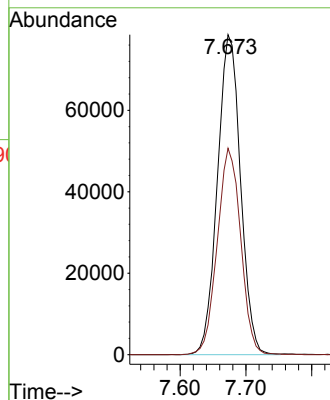
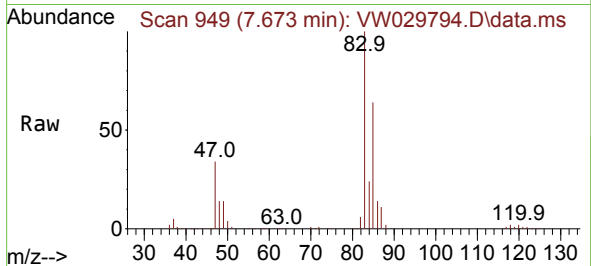




#25
Chloroform
Concen: 26.288 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

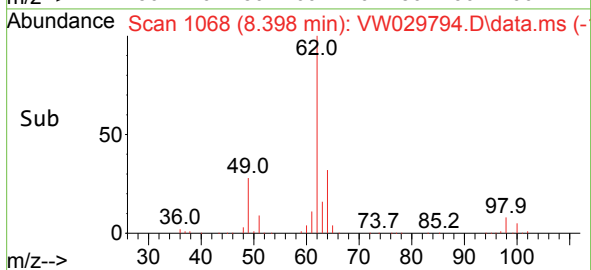
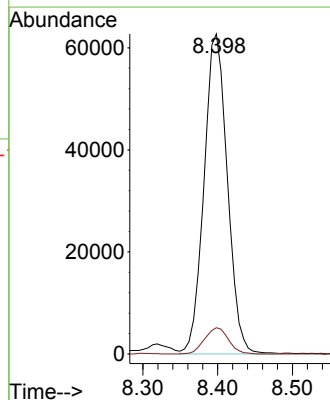
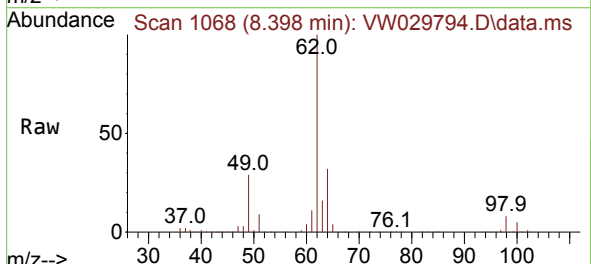
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

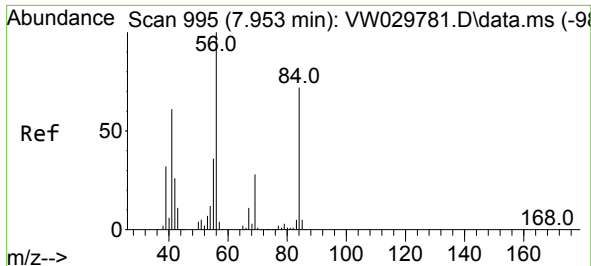
Tgt Ion: 83 Resp: 192113
Ion Ratio Lower Upper
83 100
85 64.5 44.4 82.4



#27
1,2-Dichloroethane
Concen: 25.536 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

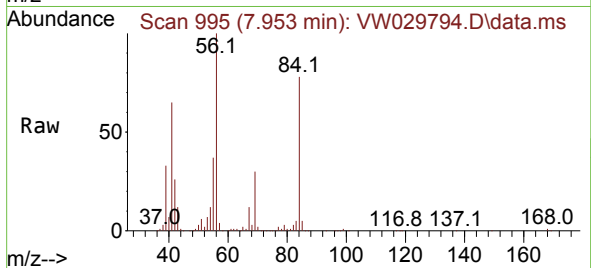
Tgt Ion: 62 Resp: 135999
Ion Ratio Lower Upper
62 100
98 8.2 6.6 10.0





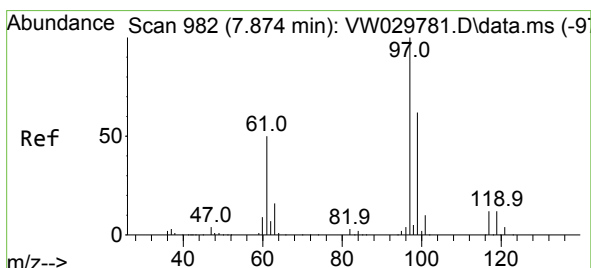
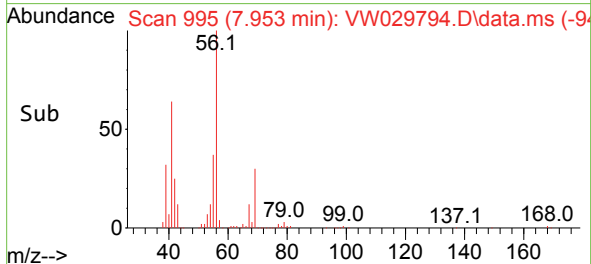
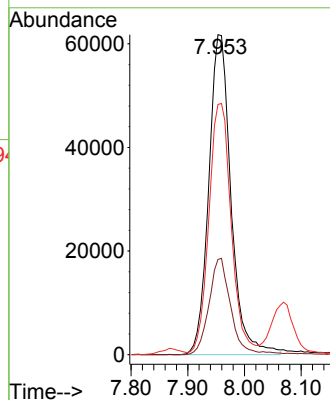
#29
Cyclohexane
Concen: 25.589 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025561



Tgt Ion: 56 Resp: 168382

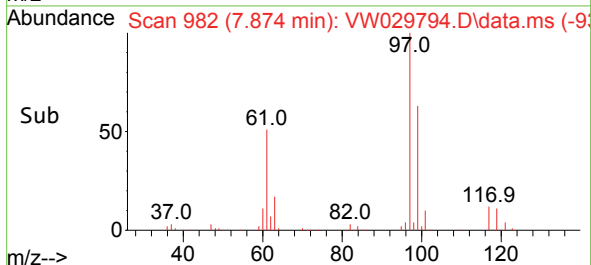
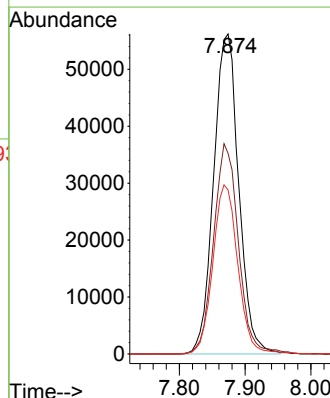
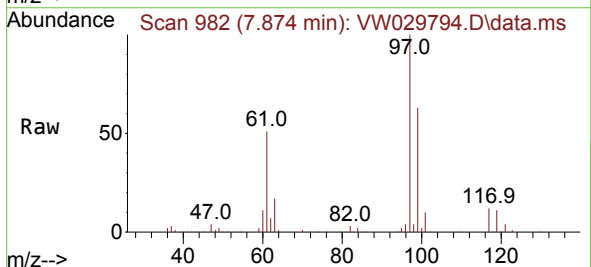
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.0	34.4
84	78.6	63.5	95.3

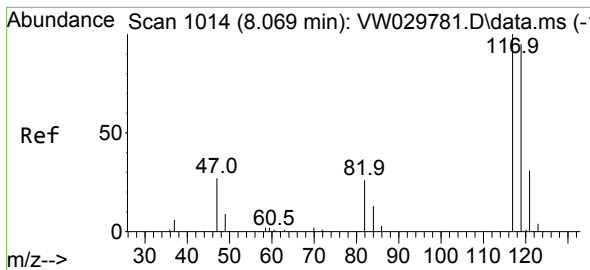


#30
1,1,1-Trichloroethane
Concen: 25.479 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Tgt Ion: 97 Resp: 149397

Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.1	78.1
61	52.5	42.6	63.8

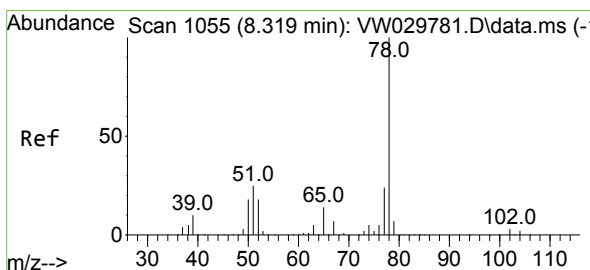
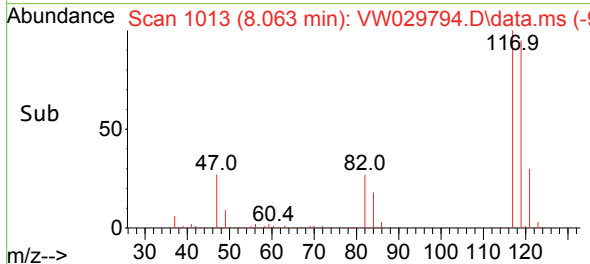
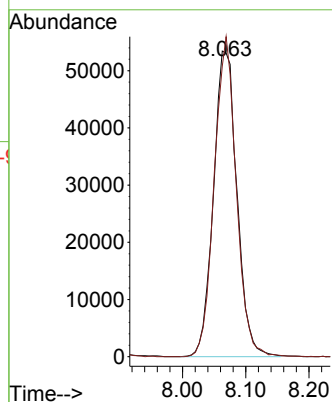
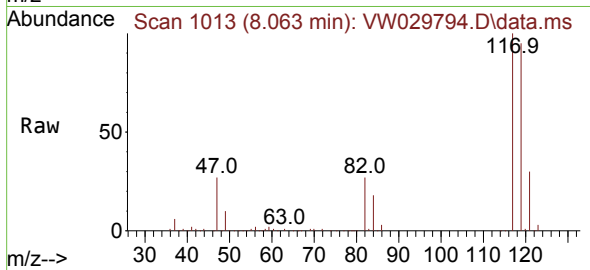




#31
Carbon tetrachloride
Concen: 26.104 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

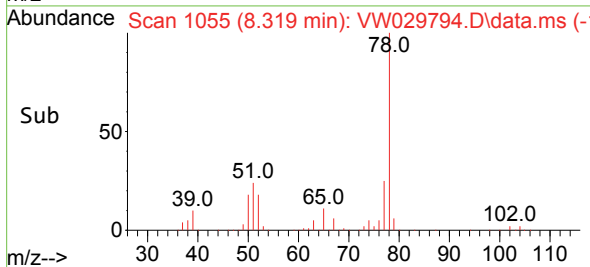
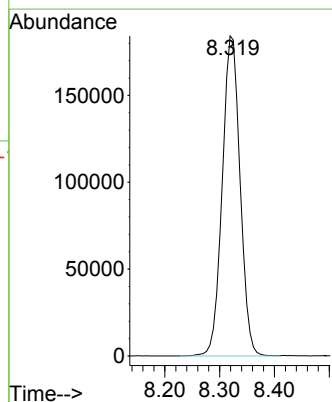
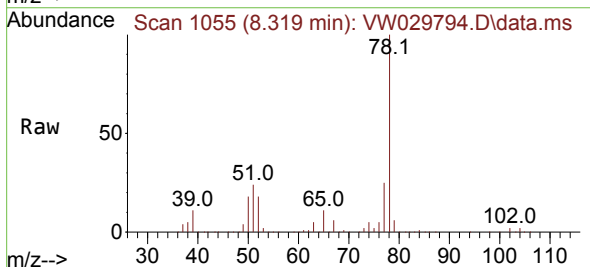
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

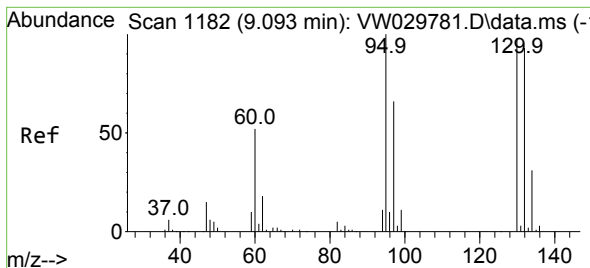
Tgt Ion:117 Resp: 137920
Ion Ratio Lower Upper
117 100
119 97.6 74.8 112.2



#33
Benzene
Concen: 26.328 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Tgt Ion: 78 Resp: 417687





#34

Trichloroethene

Concen: 25.485 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029794.D

Acq: 30 Jul 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

Tgt Ion: 95 Resp: 105993

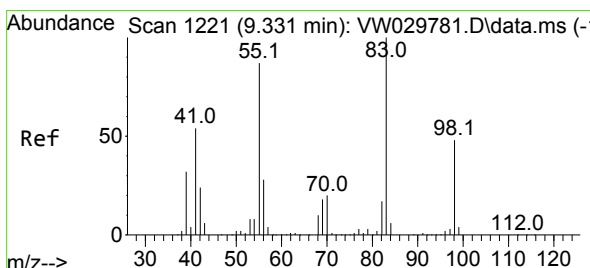
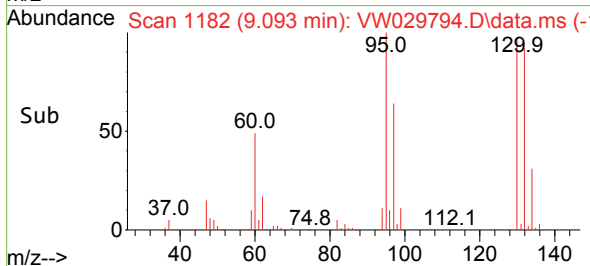
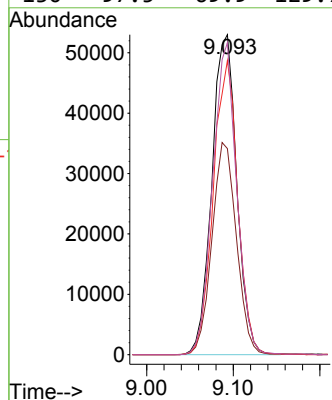
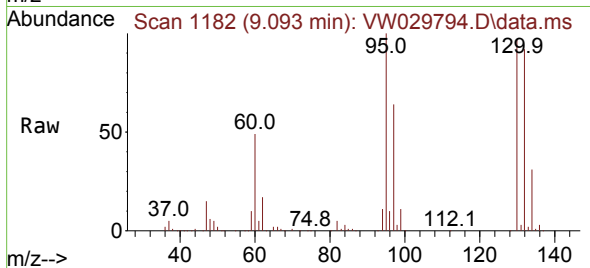
Ion Ratio Lower Upper

95 100

97 64.4 45.6 84.8

132 91.9 65.2 121.0

130 97.5 69.9 129.7



#35

Methylcyclohexane

Concen: 26.033 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW029794.D

Acq: 30 Jul 2024 08:56

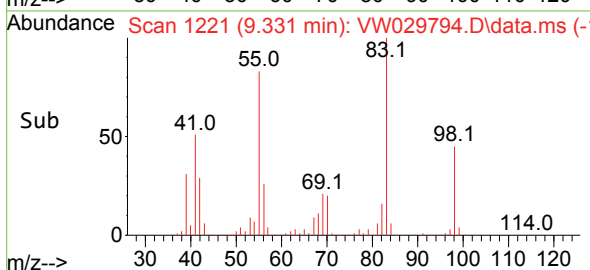
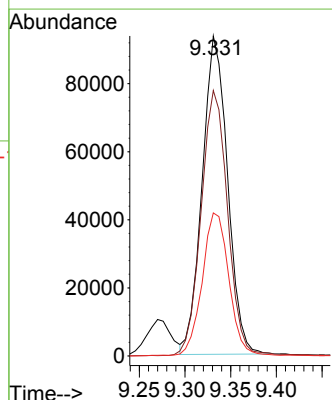
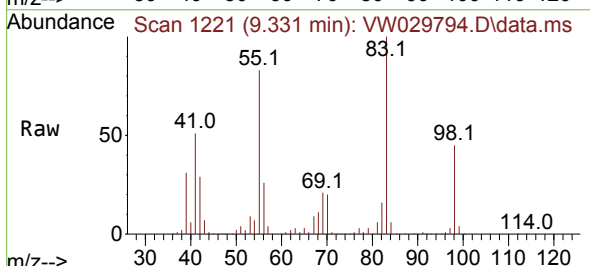
Tgt Ion: 83 Resp: 180412

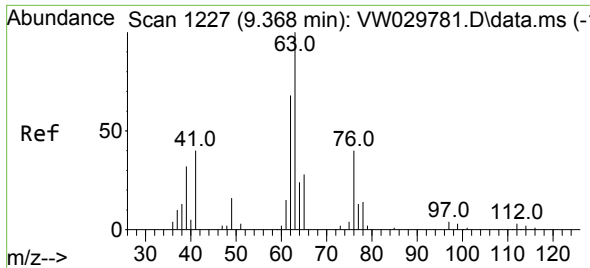
Ion Ratio Lower Upper

83 100

55 87.2 67.4 101.2

98 47.0 36.7 55.1

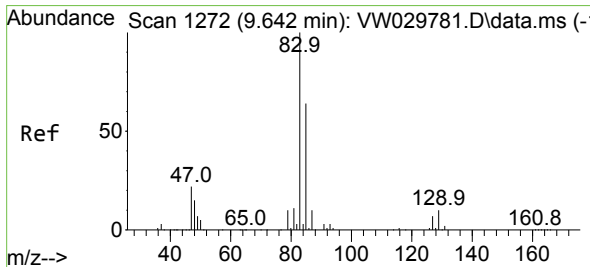
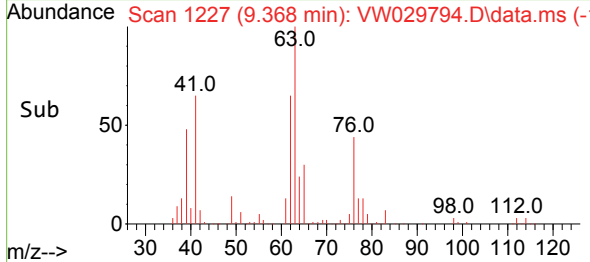
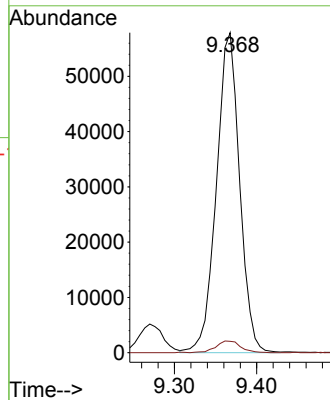
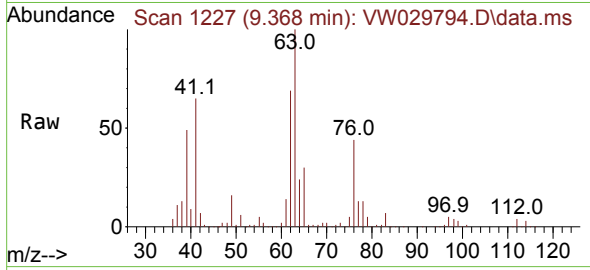




#37
1,2-Dichloropropane
Concen: 26.127 ug/L
RT: 9.368 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

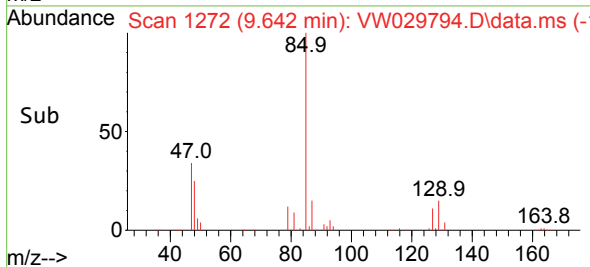
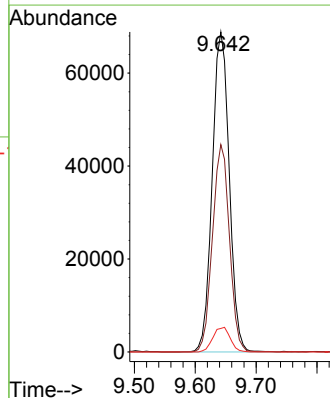
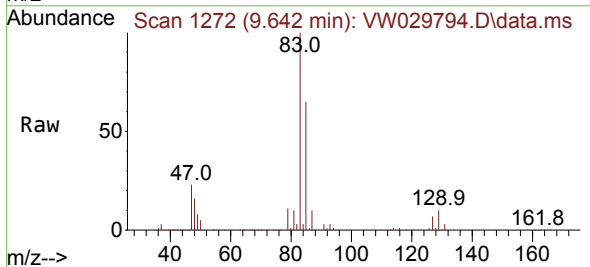
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

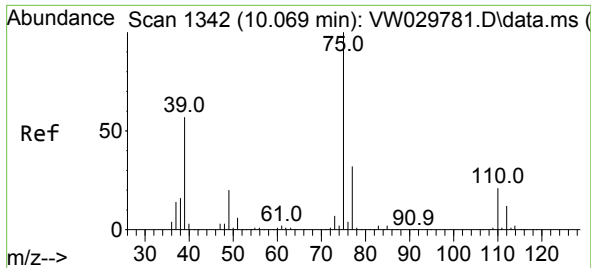
Tgt Ion: 63 Resp: 113591
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9



#38
Bromodichloromethane
Concen: 25.789 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Tgt Ion: 83 Resp: 133518
Ion Ratio Lower Upper
83 100
85 64.8 46.6 86.6
127 7.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 25.439 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029794.D

Acq: 30 Jul 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

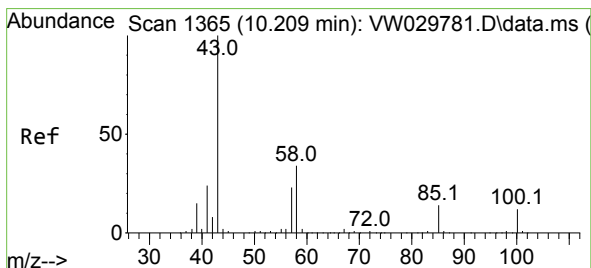
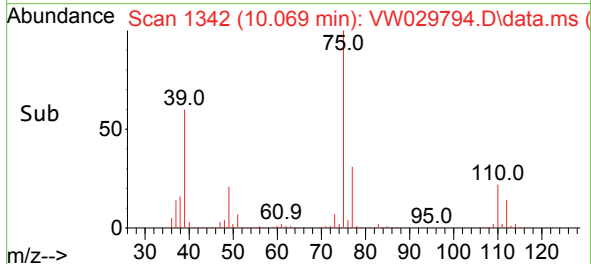
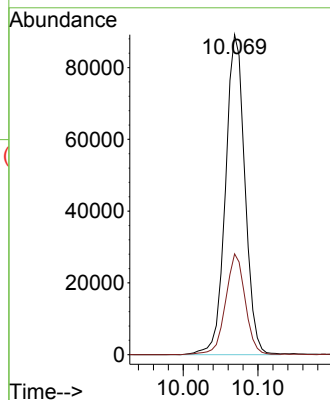
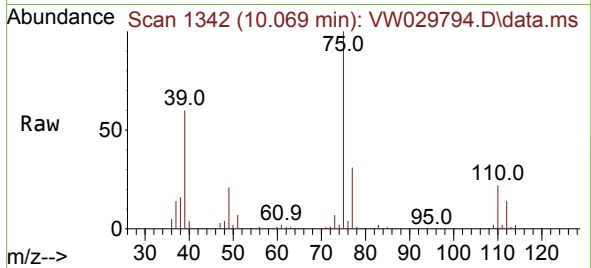
VSTD025561

Tgt Ion: 75 Resp: 161071

Ion Ratio Lower Upper

75 100

77 31.5 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 49.653 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029794.D

Acq: 30 Jul 2024 08:56

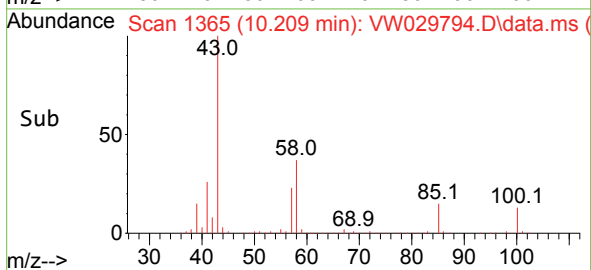
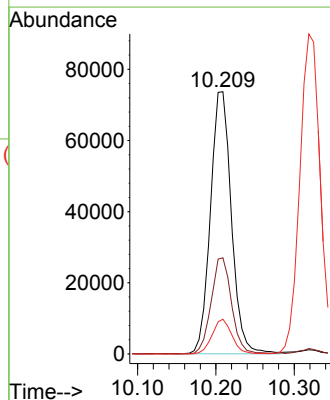
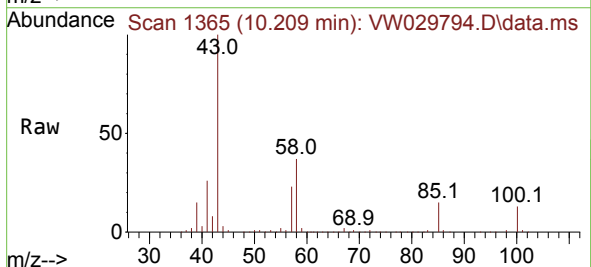
Tgt Ion: 43 Resp: 137119

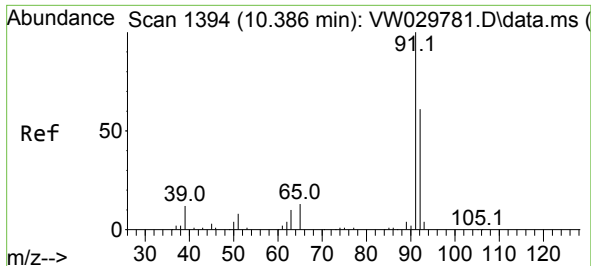
Ion Ratio Lower Upper

43 100

58 35.8 28.7 43.1

100 12.6 10.0 15.0

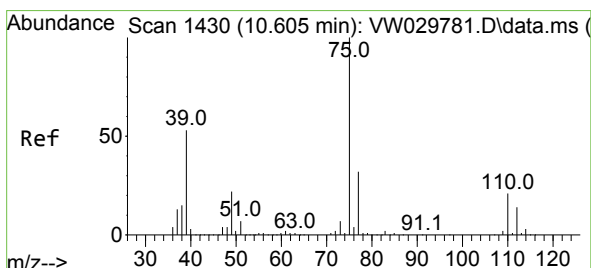
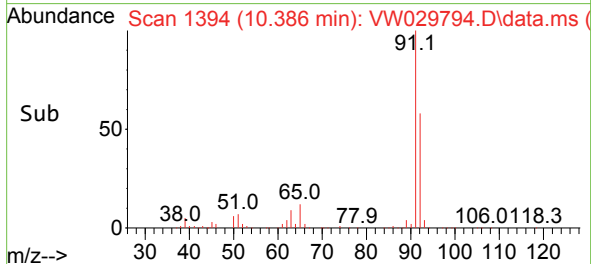
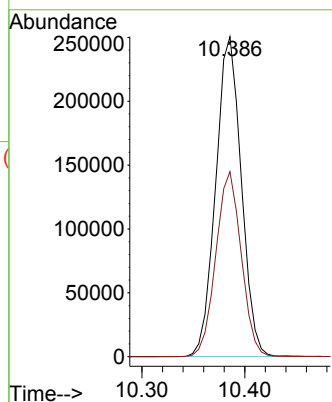
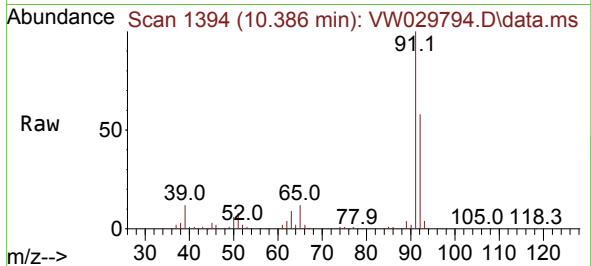




#42
Toluene
Concen: 26.663 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

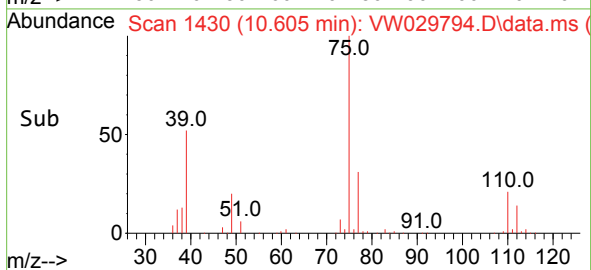
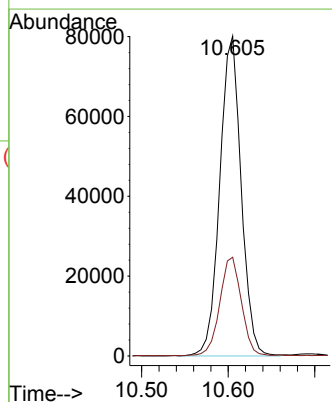
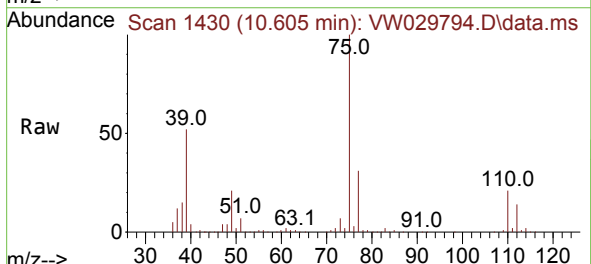
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

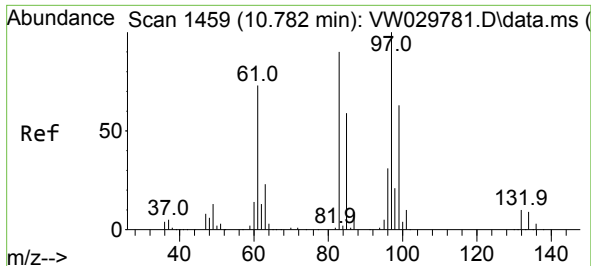
Tgt Ion: 91 Resp: 431778
Ion Ratio Lower Upper
91 100
92 57.8 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 26.127 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Tgt Ion: 75 Resp: 137328
Ion Ratio Lower Upper
75 100
77 30.8 22.0 41.0

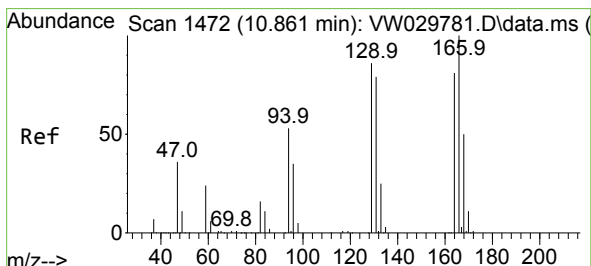
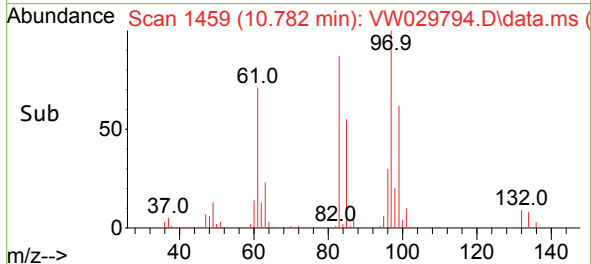
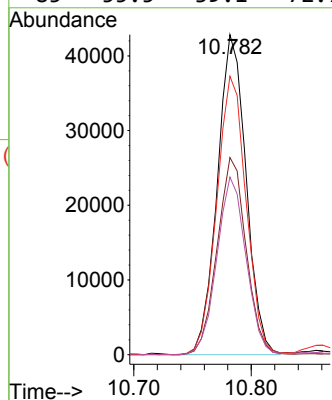
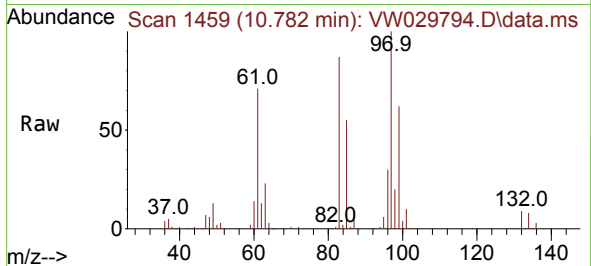




#45
1,1,2-Trichloroethane
Concen: 24.937 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

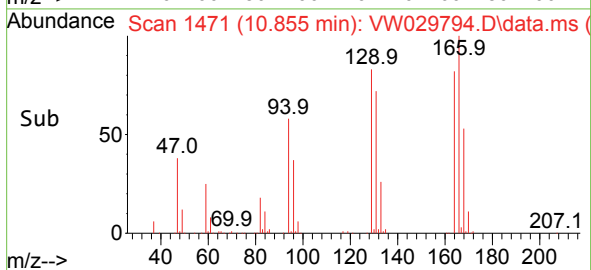
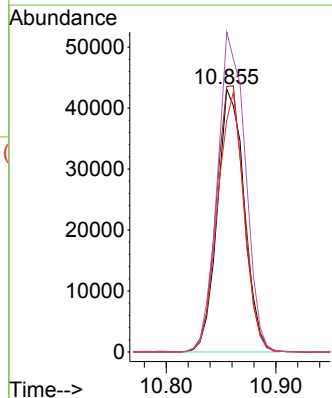
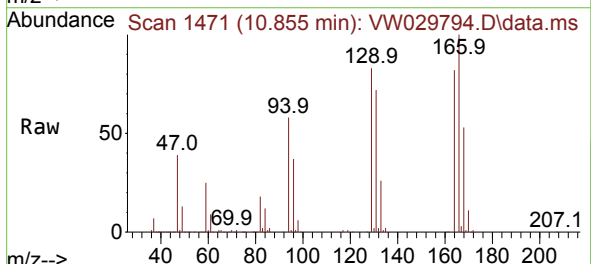
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

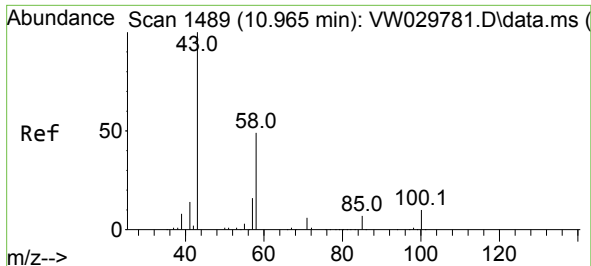
Tgt Ion: 97	Resp: 72835
Ion Ratio	Lower Upper
97	100
99	61.6 40.1 74.5
83	87.0 58.5 108.7
85	55.5 39.1 72.7



#46
Tetrachloroethene
Concen: 24.288 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Tgt Ion: 164	Resp: 73420
Ion Ratio	Lower Upper
164	100
129	101.0 77.8 144.6
131	88.2 70.9 131.7
166	121.8 91.5 169.9

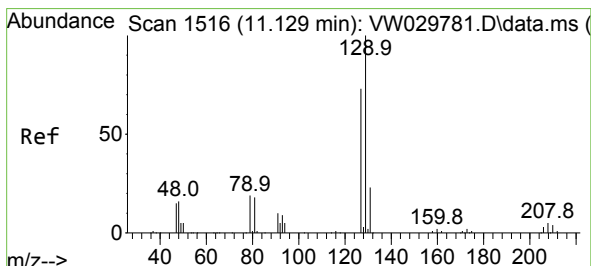
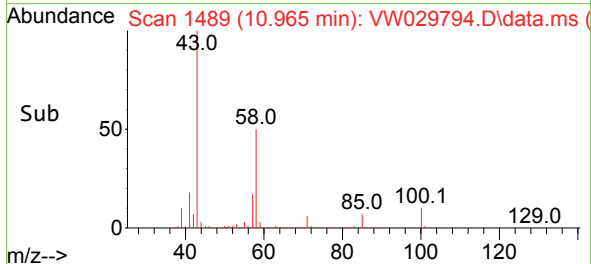
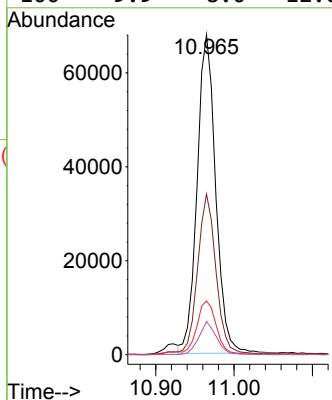
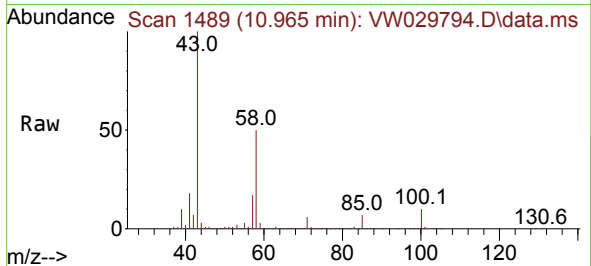




#48
2-Hexanone
Concen: 54.187 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

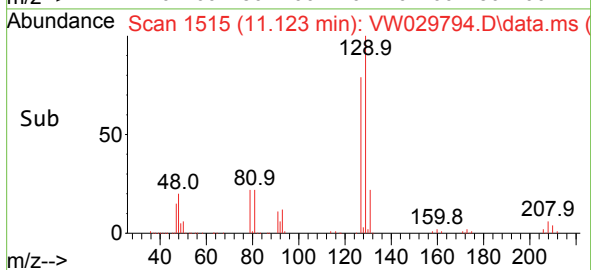
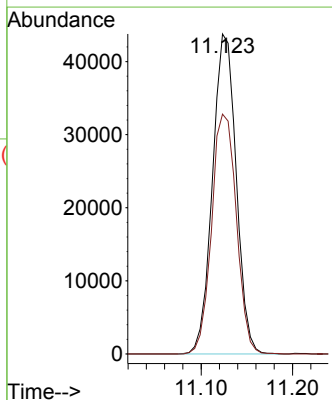
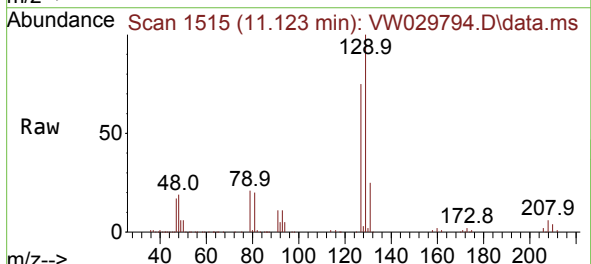
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

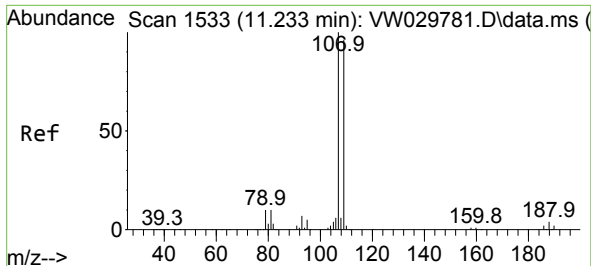
Tgt Ion:	43	Resp:	112073
Ion	Ratio	Lower	Upper
43	100		
58	50.1	41.0	61.4
57	17.5	14.1	21.1
100	9.9	8.0	12.0



#49
Dibromochloromethane
Concen: 25.995 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Tgt Ion:	129	Resp:	78819
Ion	Ratio	Lower	Upper
129	100		
127	74.9	52.4	97.2





#50

1,2-Dibromoethane

Concen: 25.109 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029794.D

Acq: 30 Jul 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

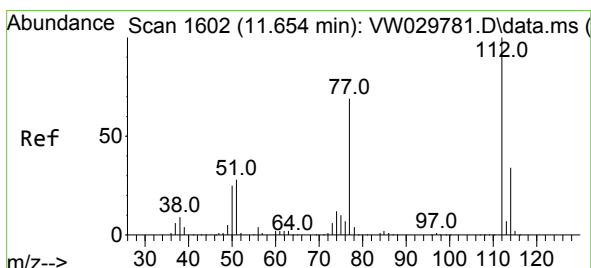
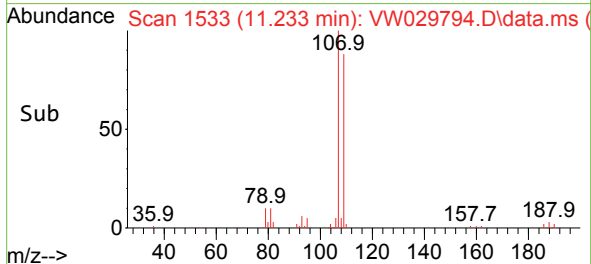
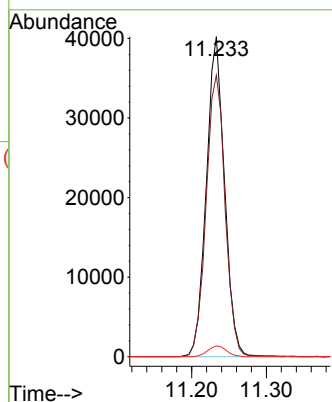
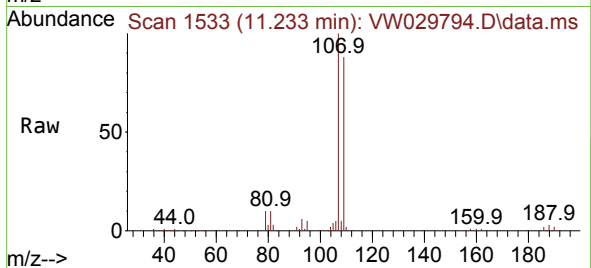
Tgt Ion:107 Resp: 67857

Ion Ratio Lower Upper

107 100

109 87.9 64.8 120.3

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 25.770 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029794.D

Acq: 30 Jul 2024 08:56

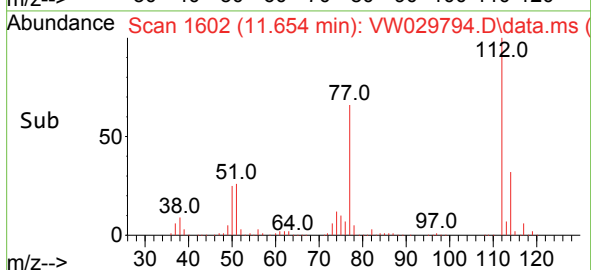
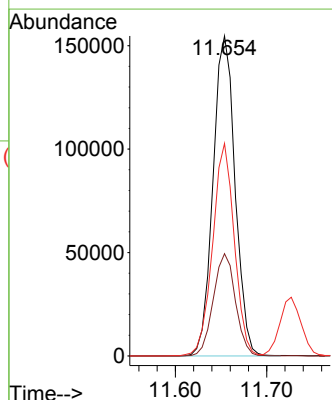
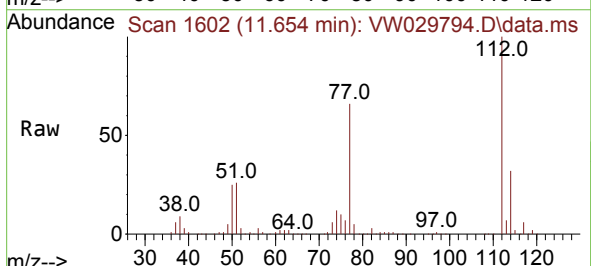
Tgt Ion:112 Resp: 259576

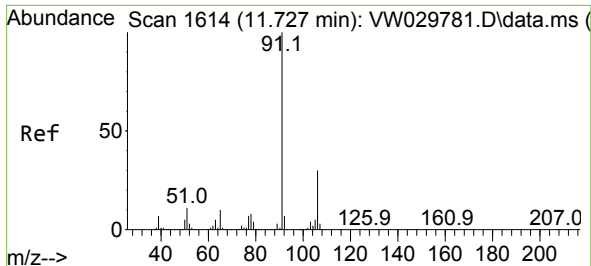
Ion Ratio Lower Upper

112 100

114 32.0 22.0 40.8

77 66.4 53.8 80.8

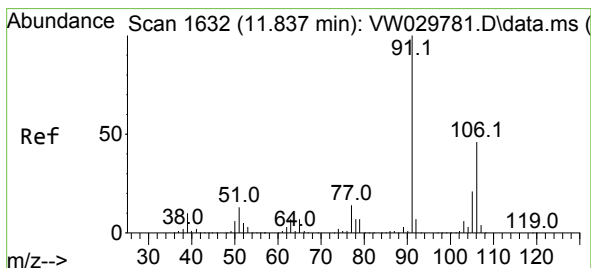
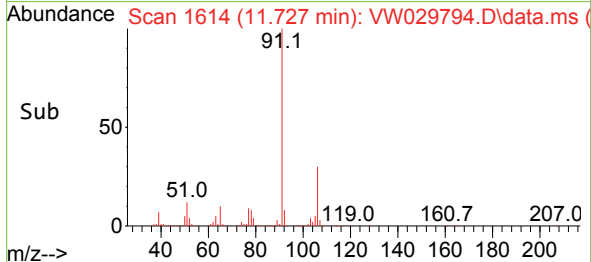
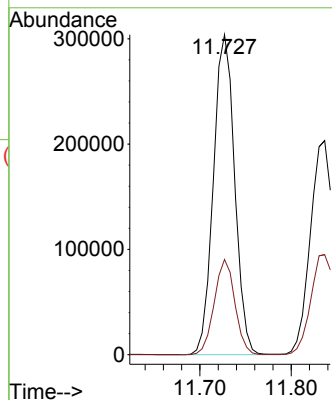
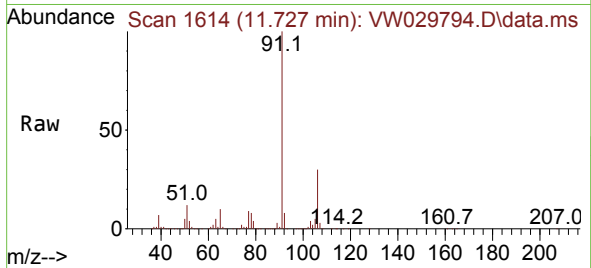




#52
Ethylbenzene
Concen: 26.865 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

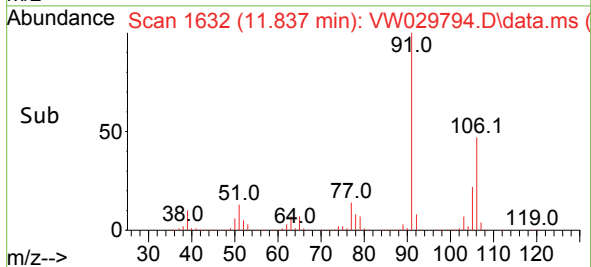
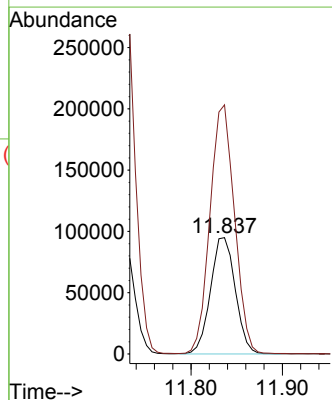
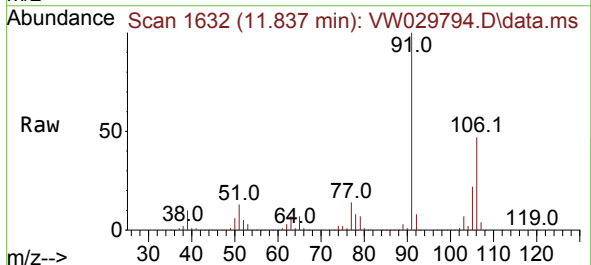
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

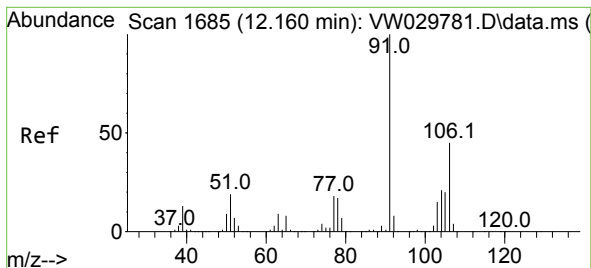
Tgt Ion: 91 Resp: 490741
Ion Ratio Lower Upper
91 100
106 29.8 20.4 38.0



#53
m,p-Xylene
Concen: 26.668 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Tgt Ion: 106 Resp: 179160
Ion Ratio Lower Upper
106 100
91 214.0 151.4 281.2





#54

o-Xylene

Concen: 26.255 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029794.D

Acq: 30 Jul 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

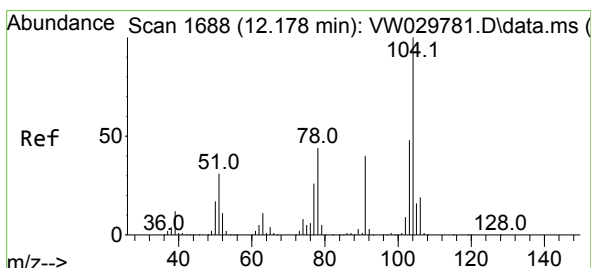
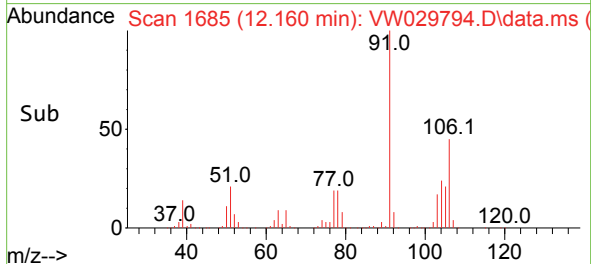
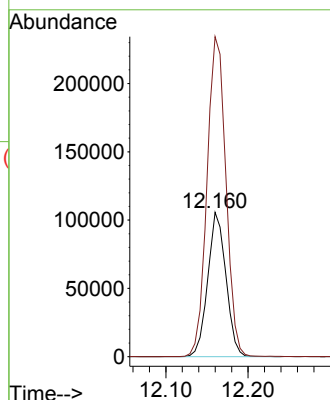
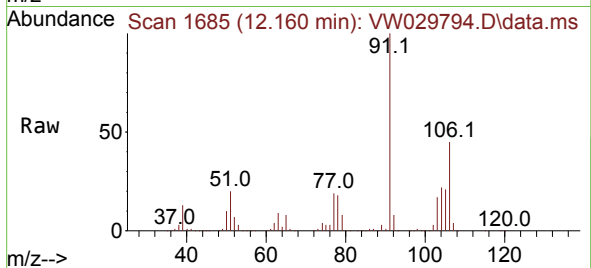
VSTD025561

Tgt Ion:106 Resp: 162428

Ion Ratio Lower Upper

106 100

91 221.8 155.8 289.4



#55

Styrene

Concen: 27.162 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029794.D

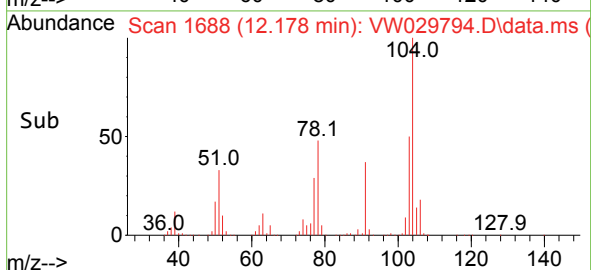
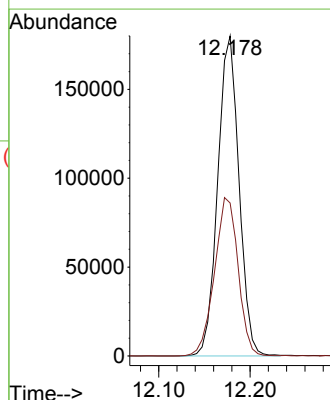
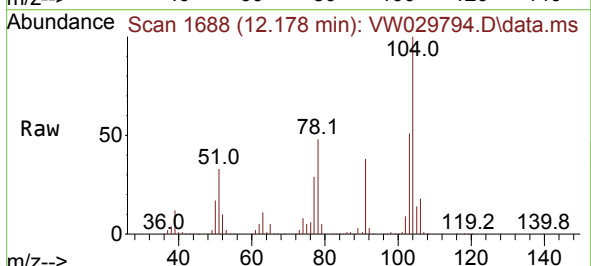
Acq: 30 Jul 2024 08:56

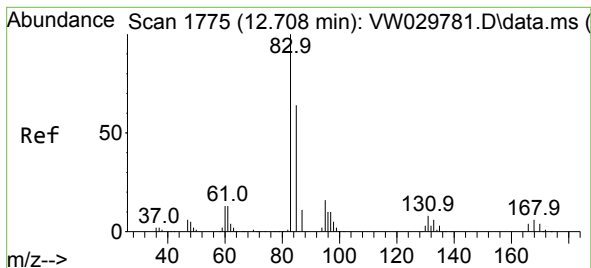
Tgt Ion:104 Resp: 291269

Ion Ratio Lower Upper

104 100

78 47.8 33.3 61.9





#57

1,1,2-Tetrachloroethane

Concen: 24.792 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029794.D

Acq: 30 Jul 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

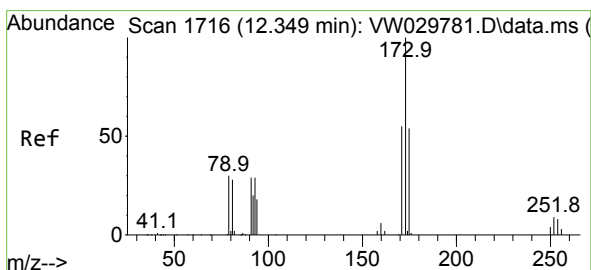
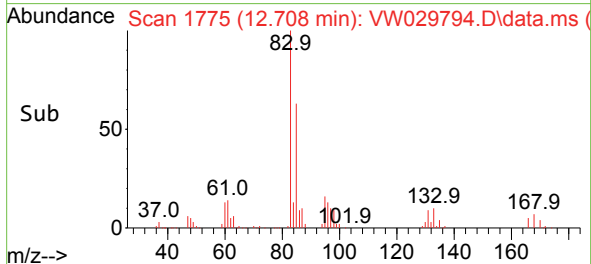
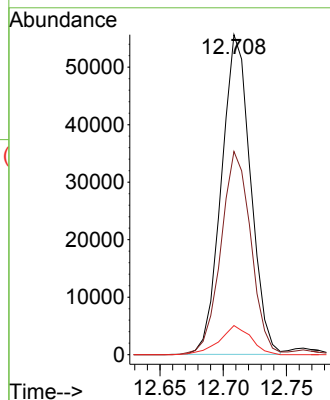
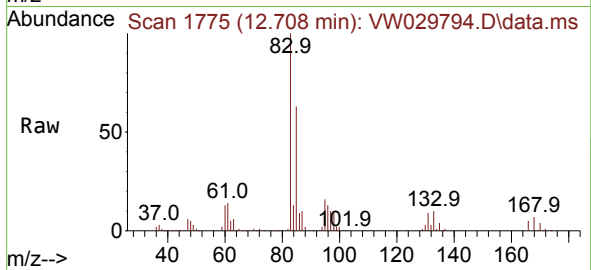
Tgt Ion: 83 Resp: 88875

Ion Ratio Lower Upper

83 100

85 63.5 44.2 82.0

131 9.1 6.2 9.2



#59

Bromoform

Concen: 24.736 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW029794.D

Acq: 30 Jul 2024 08:56

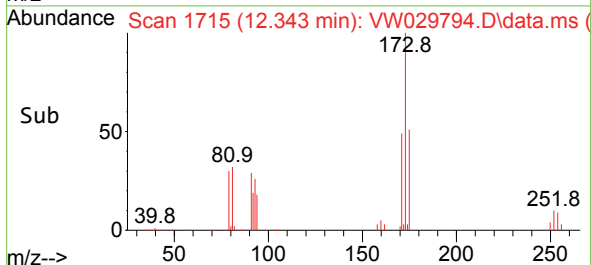
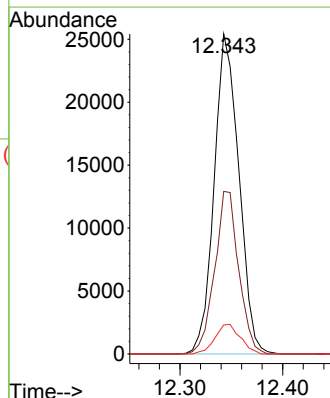
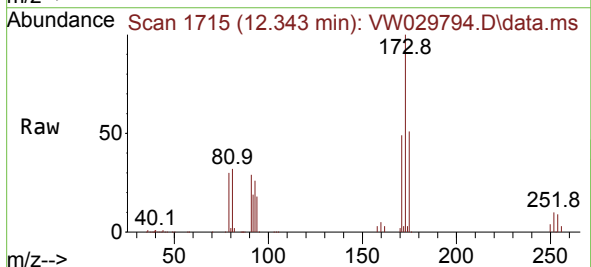
Tgt Ion:173 Resp: 42453

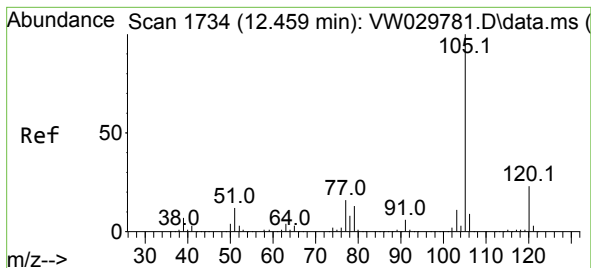
Ion Ratio Lower Upper

173 100

175 49.3 38.1 57.1

254 9.5 7.8 11.6





#60

Isopropylbenzene

Concen: 26.421 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029794.D

Acq: 30 Jul 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

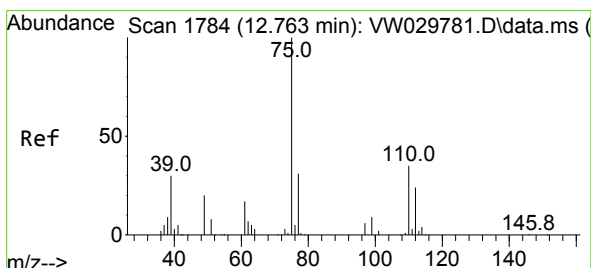
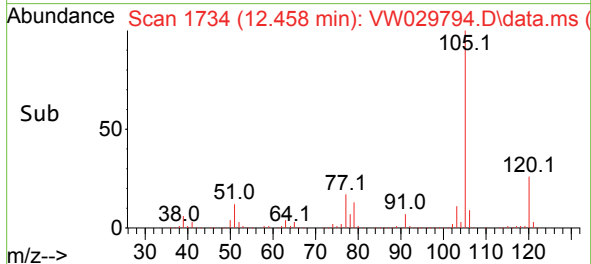
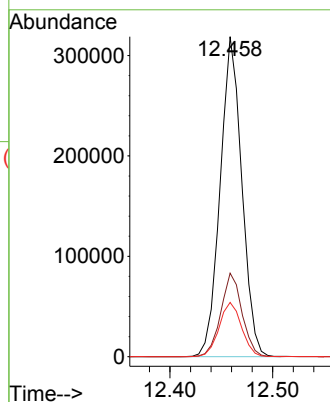
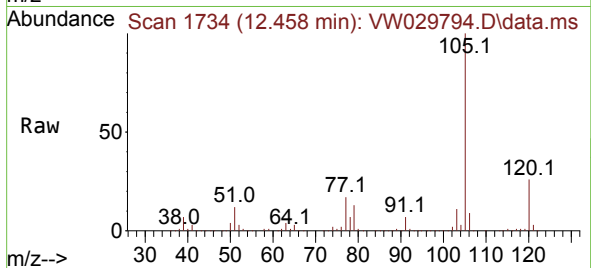
Tgt Ion:105 Resp: 466314

Ion Ratio Lower Upper

105 100

120 25.5 20.3 30.5

77 17.5 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 23.874 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029794.D

Acq: 30 Jul 2024 08:56

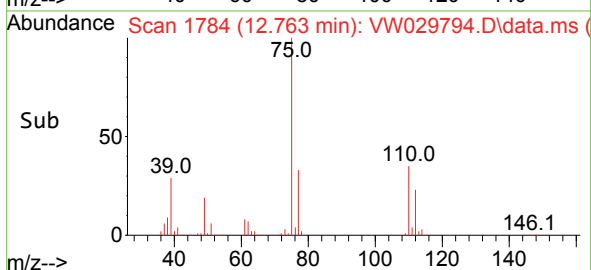
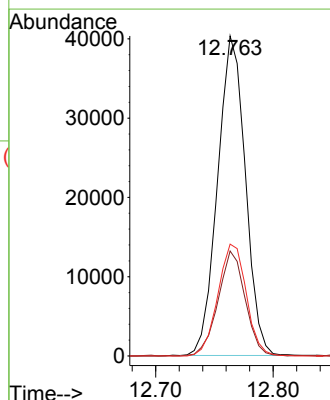
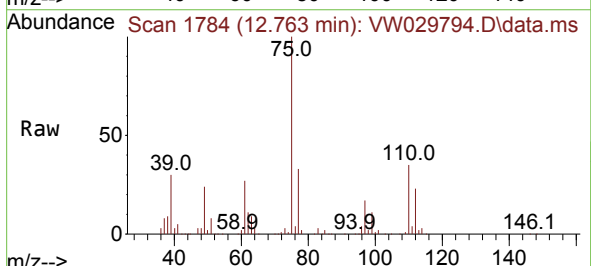
Tgt Ion: 75 Resp: 66228

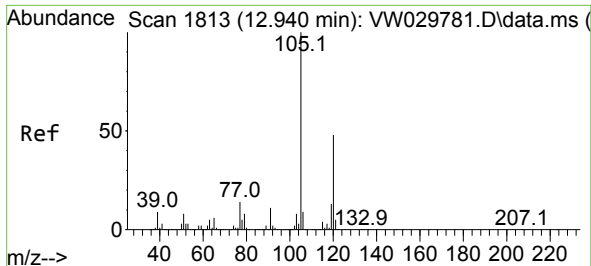
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

110 35.7 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 28.993 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029794.D

Acq: 30 Jul 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

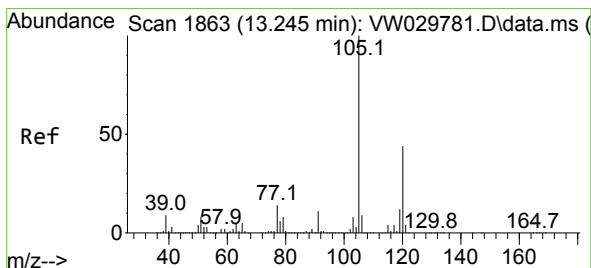
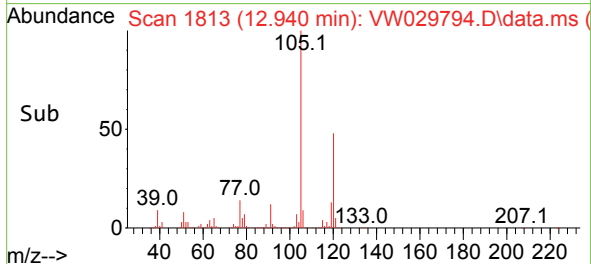
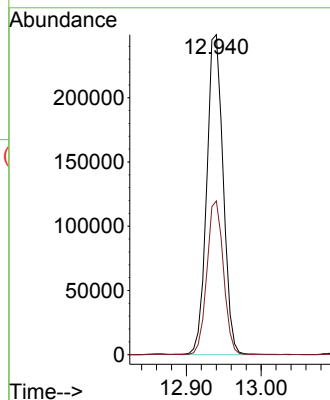
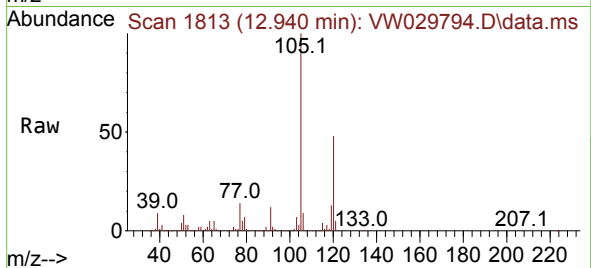
VSTD025561

Tgt Ion:105 Resp: 380350

Ion Ratio Lower Upper

105 100

120 48.3 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 26.336 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029794.D

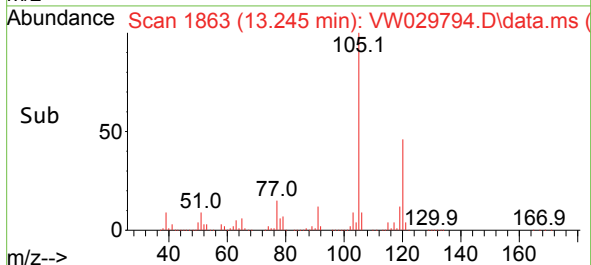
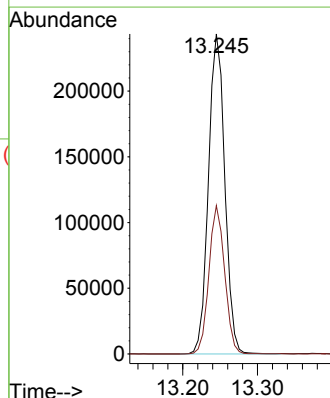
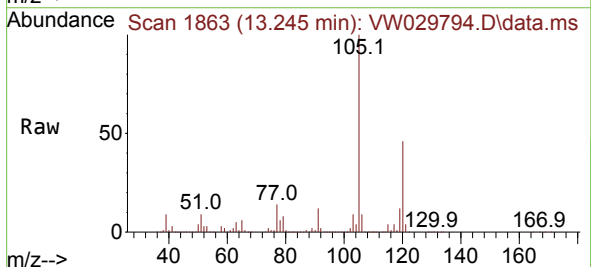
Acq: 30 Jul 2024 08:56

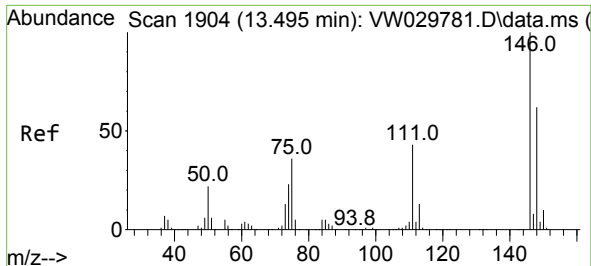
Tgt Ion:105 Resp: 369492

Ion Ratio Lower Upper

105 100

120 44.6 35.4 53.0

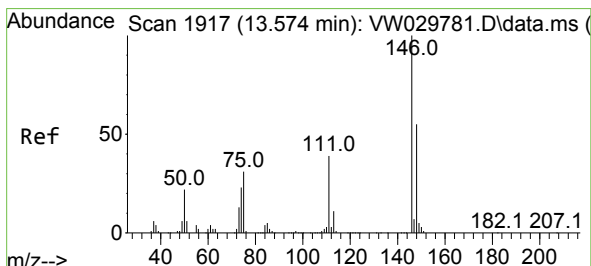
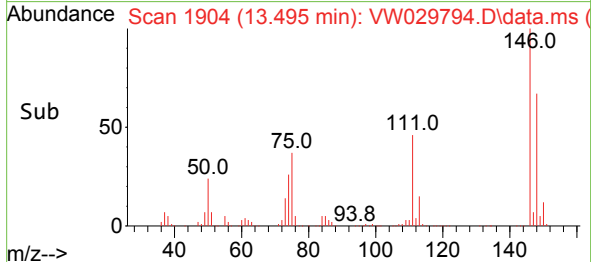
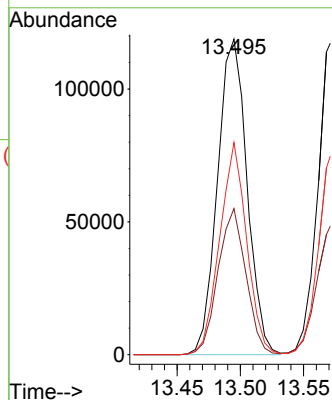
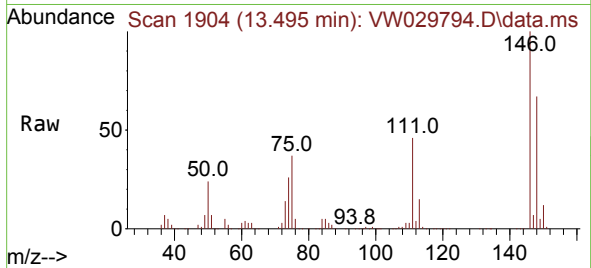




#64
1,3-Dichlorobenzene
Concen: 25.611 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

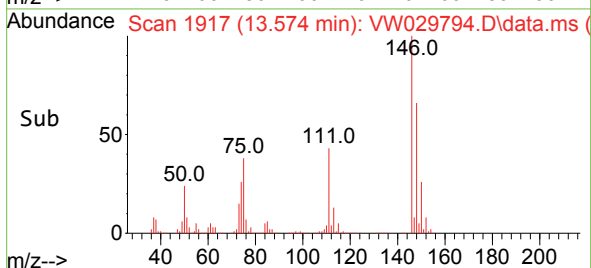
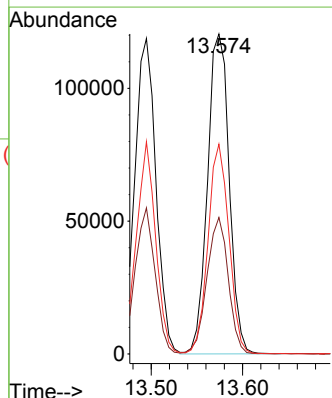
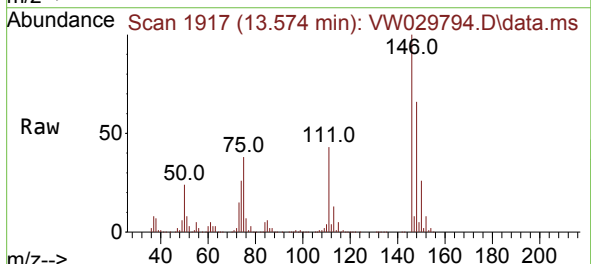
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

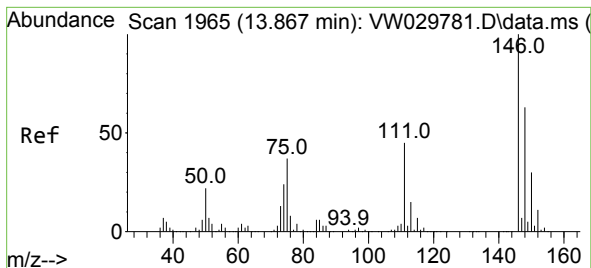
Tgt Ion:146 Resp: 192855
Ion Ratio Lower Upper
146 100
111 46.3 28.7 53.3
148 67.2 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 25.649 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Tgt Ion:146 Resp: 198398
Ion Ratio Lower Upper
146 100
111 42.6 30.1 55.9
148 65.6 45.4 84.4

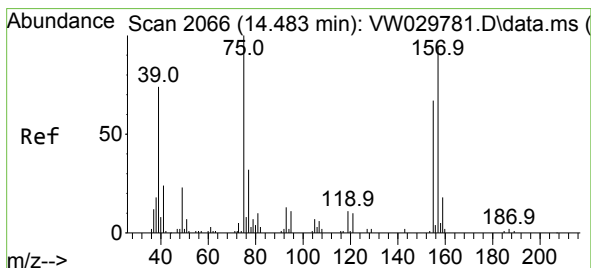
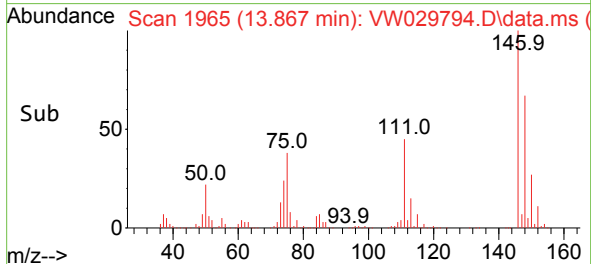
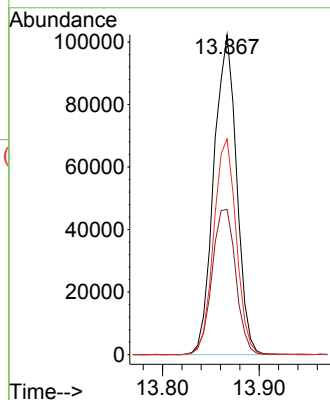
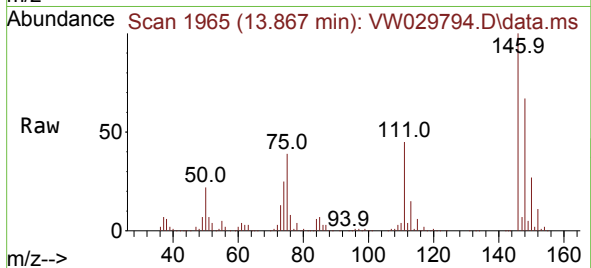




#67
1,2-Dichlorobenzene
Concen: 24.377 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

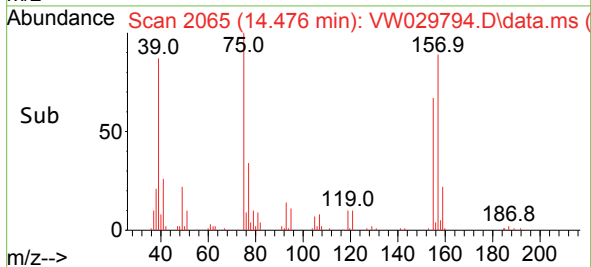
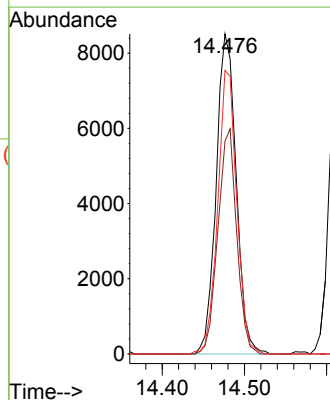
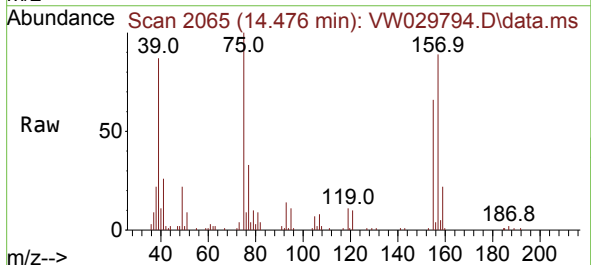
Instrument : MSVOA_W
ClientSampleId : VSTD025561

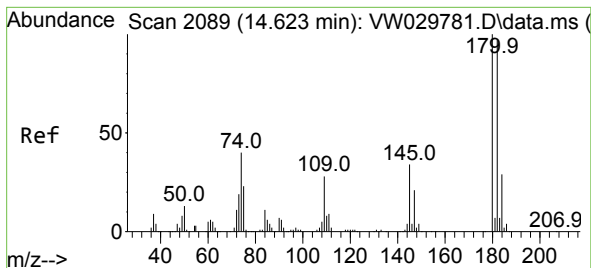
Tgt Ion:146	Resp: 167121
Ion Ratio	Lower Upper
146	100
111	45.4 35.8 53.8
148	67.4 52.6 78.8



#68
1,2-Dibromo-3-chloropropane
Concen: 22.803 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Tgt Ion: 75	Resp: 14363
Ion Ratio	Lower Upper
75	100
155	66.4 47.8 71.6
157	88.6 63.7 95.5



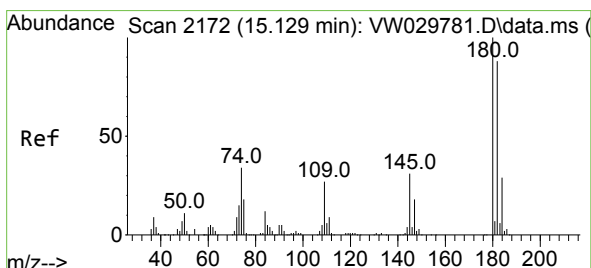
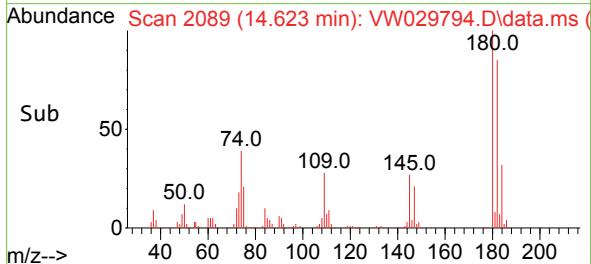
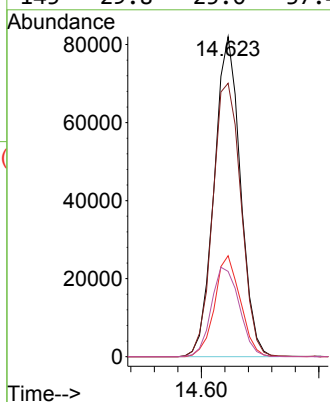
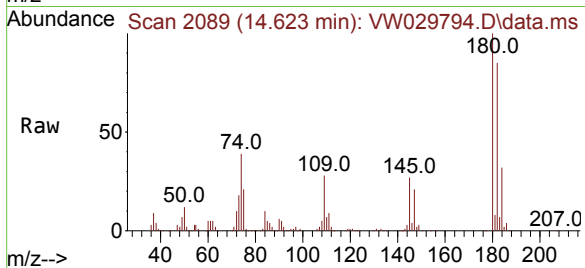


#69
1,3,5-Trichlorobenzene
Concen: 24.718 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

Tgt Ion:180 Resp: 127350

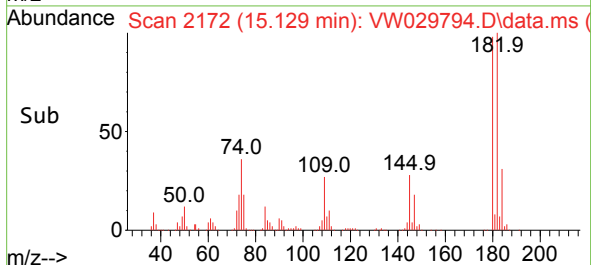
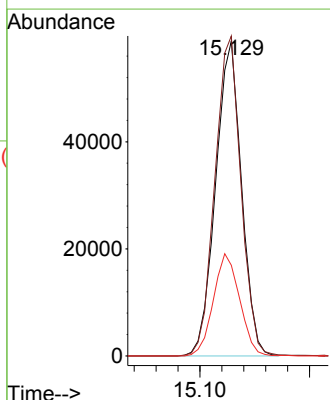
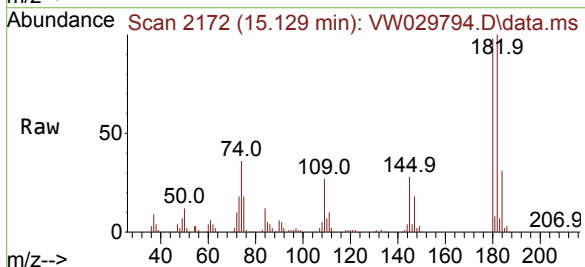
Ion	Ratio	Lower	Upper
180	100		
182	92.1	72.7	109.1
184	31.0	23.3	34.9
145	29.8	25.0	37.4

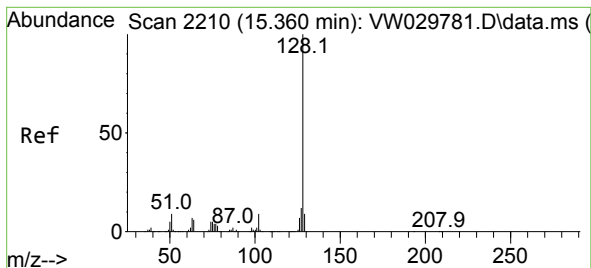


#70
1,2,4-trichlorobenzene
Concen: 22.210 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Tgt Ion:180 Resp: 96403

Ion	Ratio	Lower	Upper
180	100		
182	102.0	80.2	120.4
145	32.9	26.3	39.5

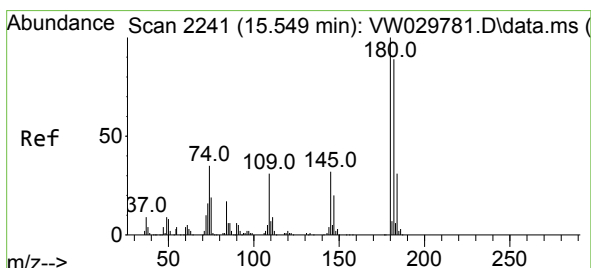
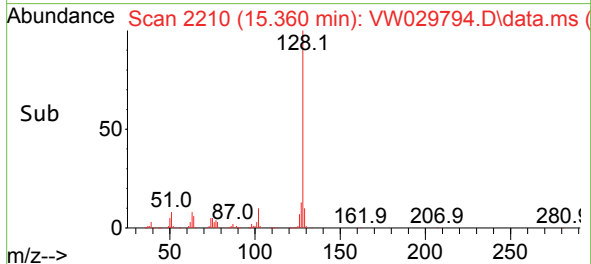
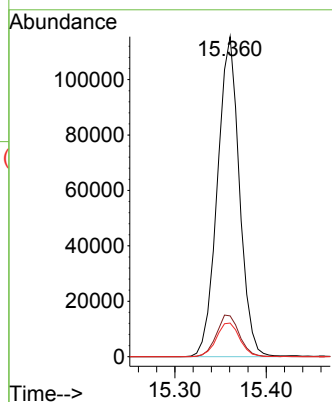
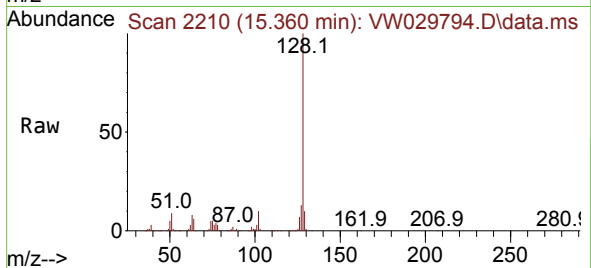




#71
Naphthalene
Concen: 23.320 ug/L
RT: 15.360 min Scan# 211
Delta R.T. -0.000 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

Tgt Ion:128 Resp: 193133
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.2 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 22.840 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW029794.D
Acq: 30 Jul 2024 08:56

Tgt Ion:180 Resp: 89727
Ion Ratio Lower Upper
180 100
182 99.3 74.0 111.0
145 33.0 27.5 41.3

