

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072624\
 Data File : VW029764.D
 Acq On : 26 Jul 2024 20:16
 Operator : SY/MD
 Sample : P3361-12MSD
 Misc : 8.70g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 00:59:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 27 00:53:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	307344	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	256840	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	99201	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	45660	10.465	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.840%
7) Chloroethane-d5	2.740	69	149	0.048	ug/L	-0.15
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.200%#
11) 1,1-Dichloroethene-d2	4.021	65	22276	11.184	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.720%#
21) 2-Butanone-d5	7.075	46	52268	43.706	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.420%
24) Chloroform-d	7.648	84	145865	18.334	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.320%
26) 1,2-Dichloroethane-d4	8.300	65	87747	19.363	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.440%
32) Benzene-d6	8.276	84	241787	17.423	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.680%
36) 1,2-Dichloropropane-d6	9.270	67	90596	20.445	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.800%
41) Toluene-d8	10.318	98	197445	16.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.000%
43) trans-1,3-Dichloroprop...	10.574	79	30741	17.144	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.560%
47) 2-Hexanone-d5	10.922	63	33632	46.029	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	79980	24.308	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	54375	17.653	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	74751	18.043	ug/L #	87
3) Chloromethane	2.228	50	96653	18.854	ug/L	98
5) Vinyl chloride	2.381	62	102866	17.908	ug/L	94
6) Bromomethane	2.783	94	50546	16.025	ug/L	97
8) Chloroethane	2.929	64	59215	18.121	ug/L	99
9) Trichlorofluoromethane	3.265	101	79006	17.220	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	72322	15.826	ug/L #	71
12) 1,1-Dichloroethene	4.045	96	72315	17.223	ug/L	97
13) Acetone	4.124	43	45554	30.651	ug/L	98
14) Carbon disulfide	4.392	76	238284	17.054	ug/L	97
15) Methyl Acetate	4.667	43	42163	17.032	ug/L	98
16) Methylene chloride	4.917	84	89203	13.883	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	79774	17.631	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	139559	18.715	ug/L	96
19) 1,1-Dichloroethane	6.215	63	169333	17.745	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	87399	17.808	ug/L	99
22) 2-Butanone	7.172	43	68131	35.778	ug/L	96
23) Bromochloromethane	7.514	128	37949	18.213	ug/L	95
25) Chloroform	7.678	83	162973	18.127	ug/L	98

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 Response via : Initial Calibration

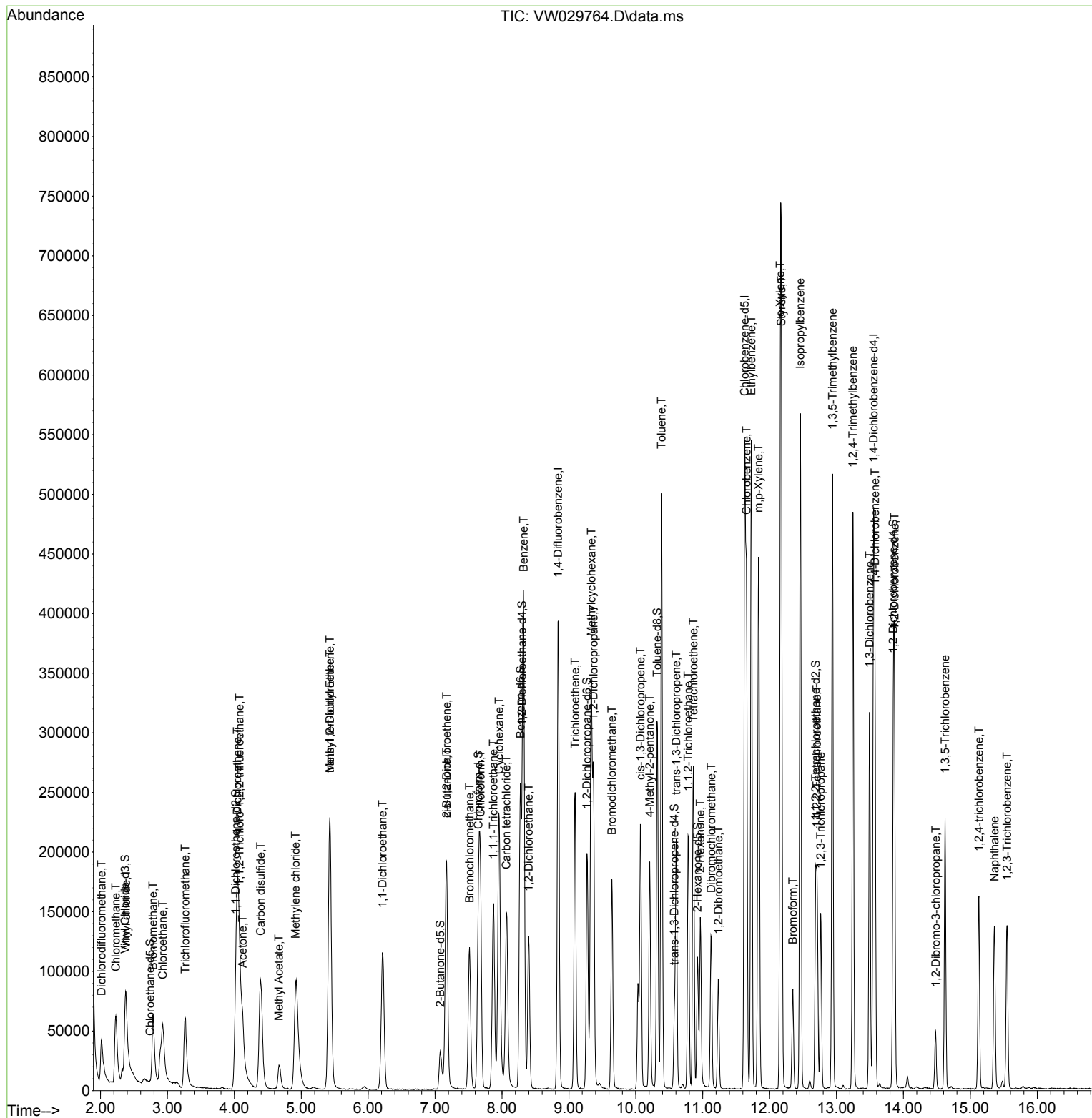
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	118896	18.146	ug/L	99
29) Cyclohexane	7.959	56	134306	18.401	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	125032	19.224	ug/L	98
31) Carbon tetrachloride	8.063	117	112692	19.228	ug/L	99
33) Benzene	8.325	78	342216	19.446	ug/L	100
34) Trichloroethene	9.093	95	88203	19.119	ug/L	94
35) Methylcyclohexane	9.337	83	128800	16.755	ug/L	98
37) 1,2-Dichloropropane	9.367	63	96118	19.931	ug/L	100
38) Bromodichloromethane	9.642	83	114417	19.924	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	126207	17.970	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	130097	42.471	ug/L	99
42) Toluene	10.385	91	339462	18.898	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	107899	18.506	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	63372	19.561	ug/L	96
46) Tetrachloroethene	10.861	164	55203	16.464	ug/L	97
48) 2-Hexanone	10.964	43	95695	41.712	ug/L	98
49) Dibromochloromethane	11.129	129	65927	19.602	ug/L	98
50) 1,2-Dibromoethane	11.233	107	58749	19.598	ug/L	98
51) Chlorobenzene	11.653	112	191778	17.164	ug/L	96
52) Ethylbenzene	11.727	91	366916	18.108	ug/L	98
53) m,p-Xylene	11.836	106	130952	17.573	ug/L	99
54) o-Xylene	12.159	106	126710	18.465	ug/L	91
55) Styrene	12.178	104	206849	17.390	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	77197	19.414	ug/L	98
59) Bromoform	12.348	173	36773	24.635	ug/L	99
60) Isopropylbenzene	12.458	105	338869	22.075	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	58701	24.330	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	260476	22.829	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	245564	20.124	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	112328	17.151	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	116321	17.290	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	107578	18.042	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	12829	23.418	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.622	180	63412	14.151	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	46868	12.415	ug/L	93
71) Naphthalene	15.360	128	109955	15.265	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	43237	12.654	ug/L	97

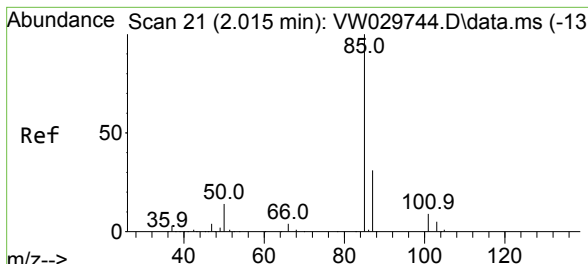
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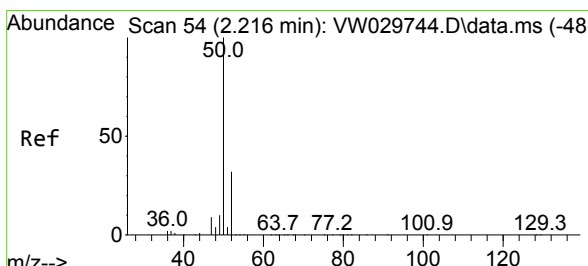
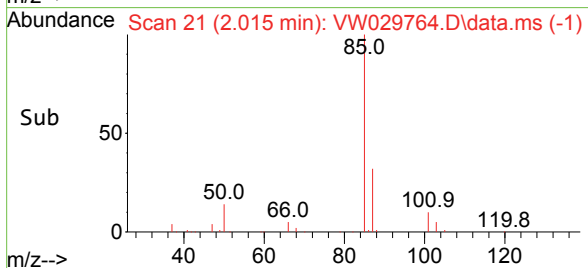
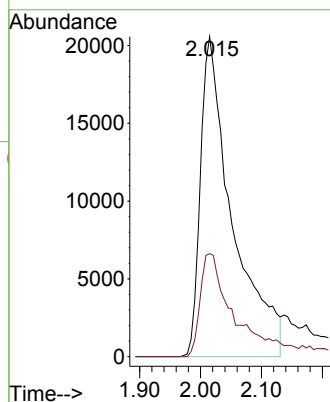
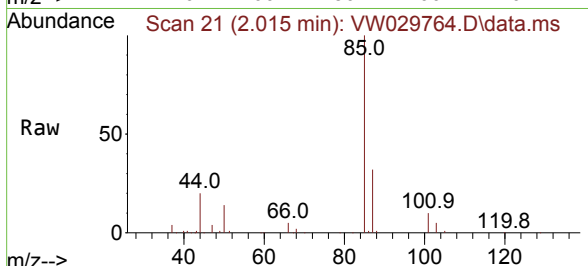




#2
 Dichlorodifluoromethane
 Concen: 18.043 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029764.D
 Acq: 26 Jul 2024 20:16

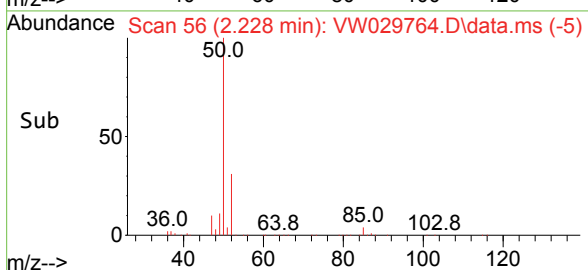
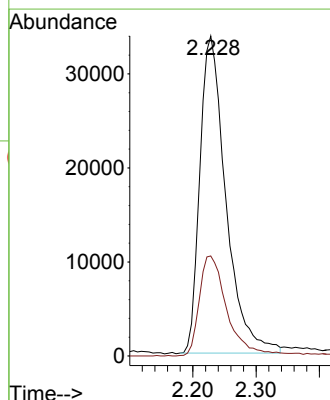
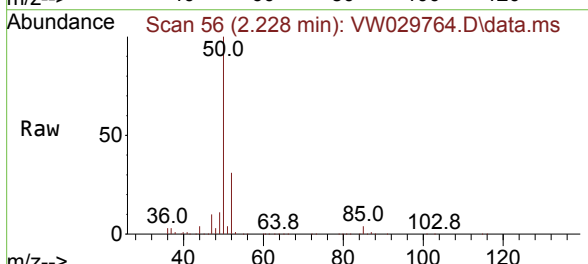
Instrument :
 MSVOA_W
 ClientSampleId :

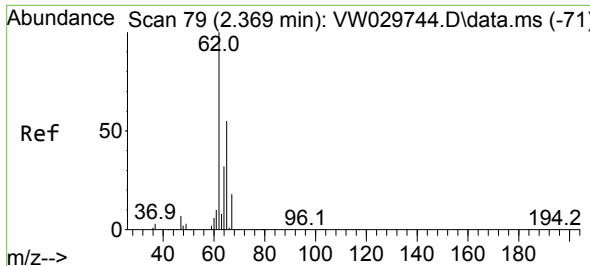
Tgt Ion: 85 Resp: 74751
 Ion Ratio Lower Upper
 85 100
 87 24.5 25.5 38.3#



#3
 Chloromethane
 Concen: 18.854 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.012 min
 Lab File: VW029764.D
 Acq: 26 Jul 2024 20:16

Tgt Ion: 50 Resp: 96653
 Ion Ratio Lower Upper
 50 100
 52 31.2 22.5 41.9

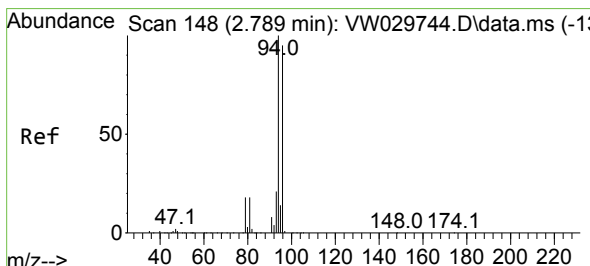
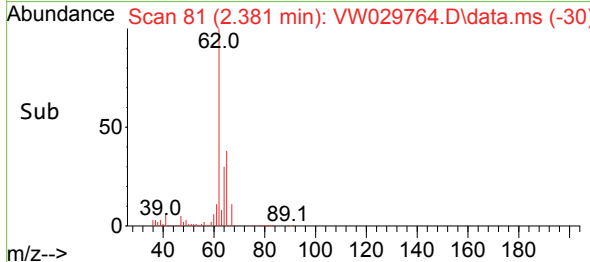
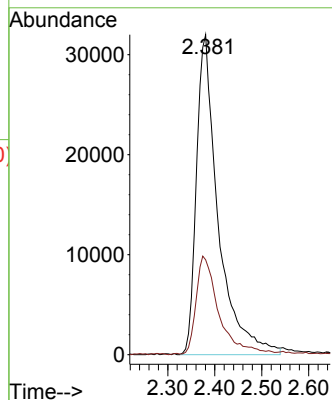
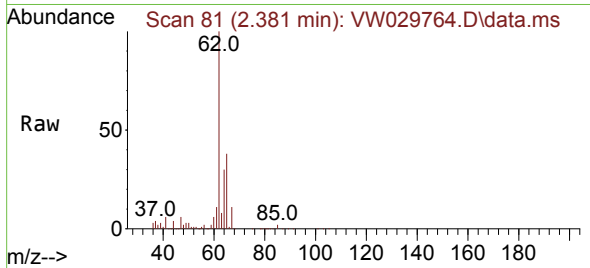




#5
 Vinyl chloride
 Concen: 17.908 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.012 min
 Lab File: VW029764.D
 Acq: 26 Jul 2024 20:16

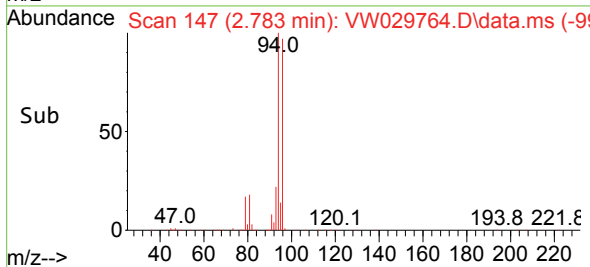
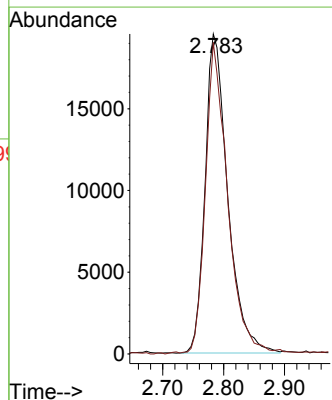
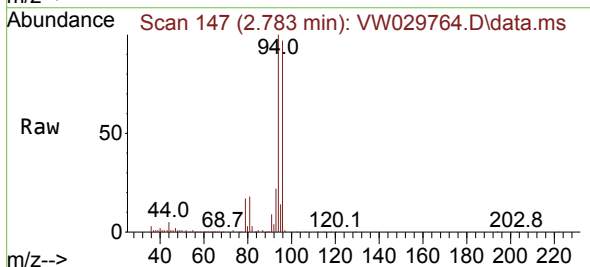
Instrument :
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 ClientSampleId :

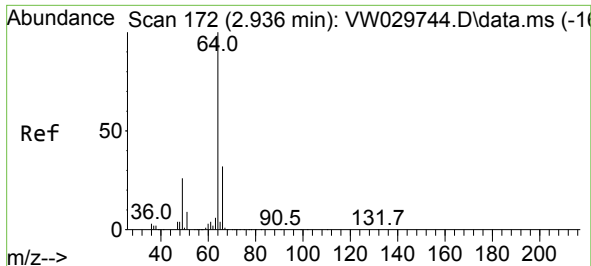
Tgt Ion: 62 Resp: 102866
 Ion Ratio Lower Upper
 62 100
 64 29.6 23.2 43.2



#6
 Bromomethane
 Concen: 16.025 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029764.D
 Acq: 26 Jul 2024 20:16

Tgt Ion: 94 Resp: 50546
 Ion Ratio Lower Upper
 94 100
 96 97.3 66.2 123.0

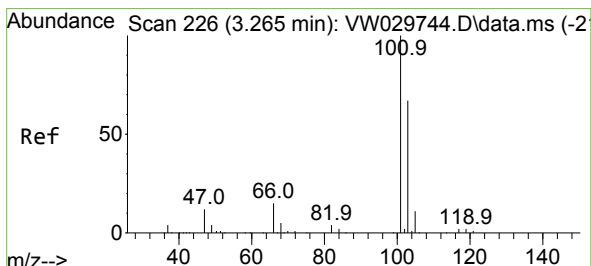
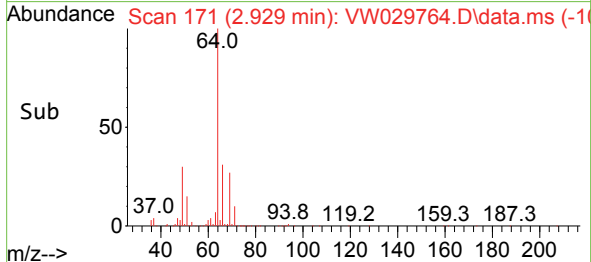
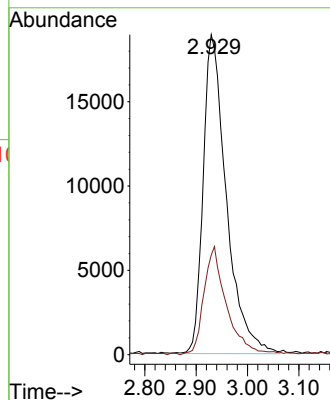
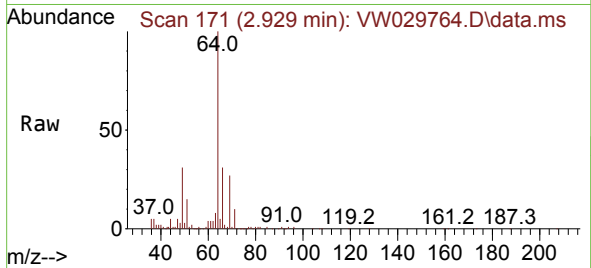




#8
Chloroethane
Concen: 18.121 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

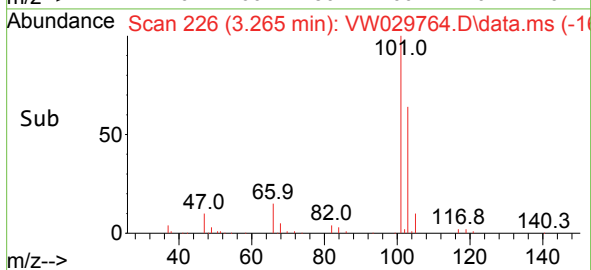
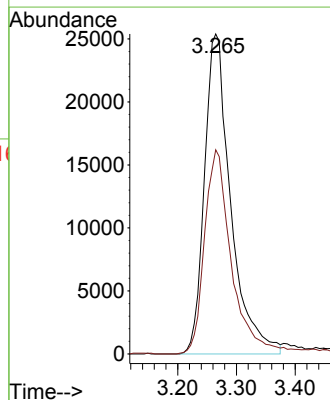
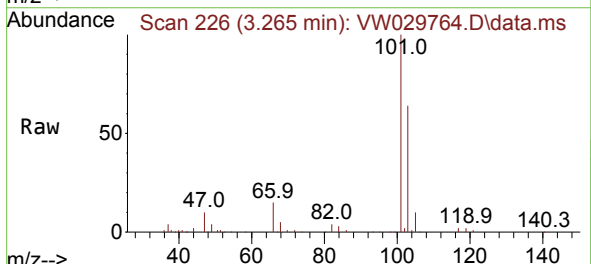
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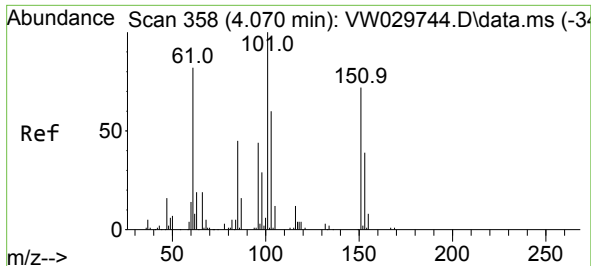
Tgt Ion: 64 Resp: 59215
Ion Ratio Lower Upper
64 100
66 31.1 21.2 39.4



#9
Trichlorofluoromethane
Concen: 17.220 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

Tgt Ion: 101 Resp: 79006
Ion Ratio Lower Upper
101 100
103 64.9 51.0 76.4

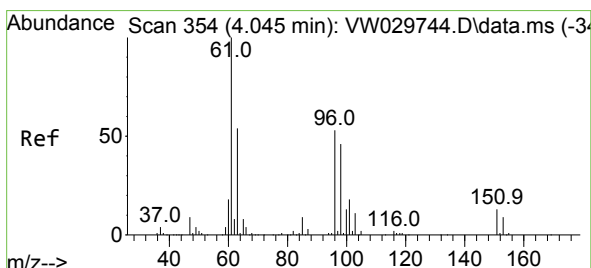
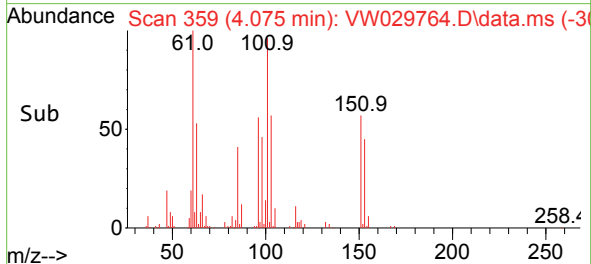
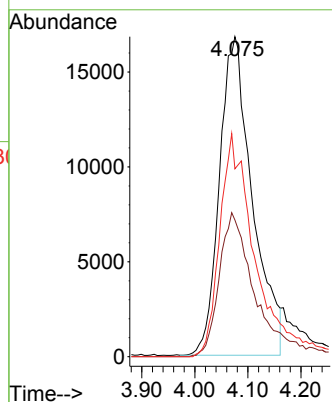
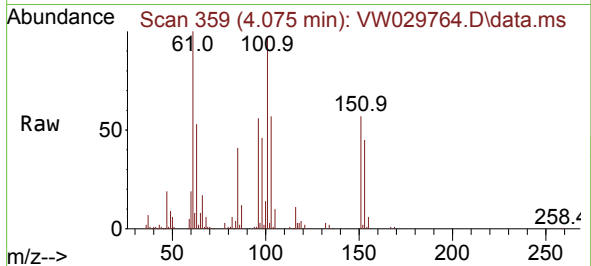




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.826 ug/L
 RT: 4.075 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW029764.D
 Acq: 26 Jul 2024 20:16

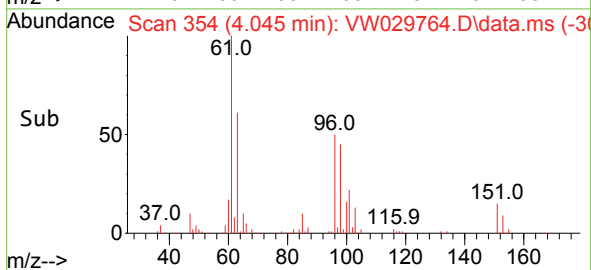
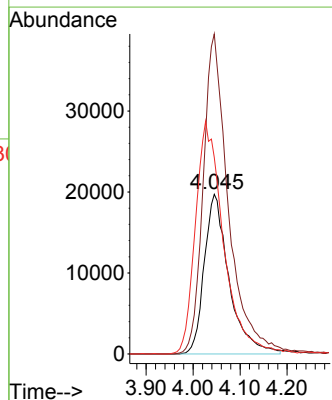
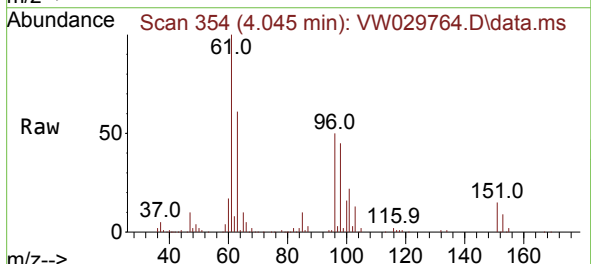
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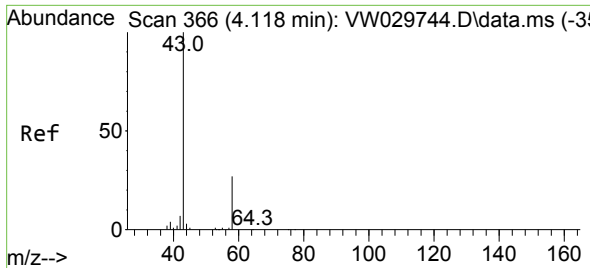
Tgt Ion:101 Resp: 72322
 Ion Ratio Lower Upper
 101 100
 85 47.2 34.2 51.4
 151 33.1 54.2 81.2#



#12
 1,1-Dichloroethene
 Concen: 17.223 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW029764.D
 Acq: 26 Jul 2024 20:16

Tgt Ion: 96 Resp: 72315
 Ion Ratio Lower Upper
 96 100
 61 200.4 138.3 256.9
 63 123.1 89.0 165.4





#13

Acetone

Concen: 30.651 ug/L

RT: 4.124 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Instrument :

MSVOA_W

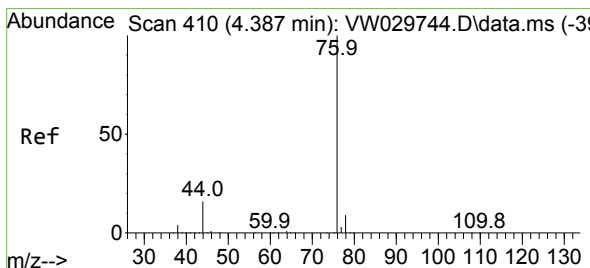
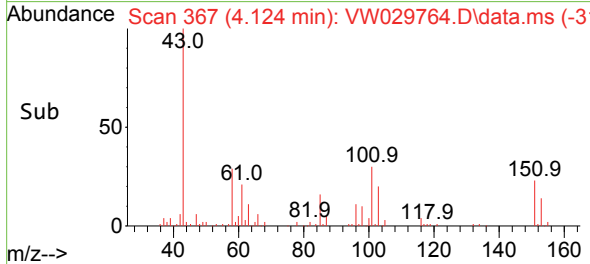
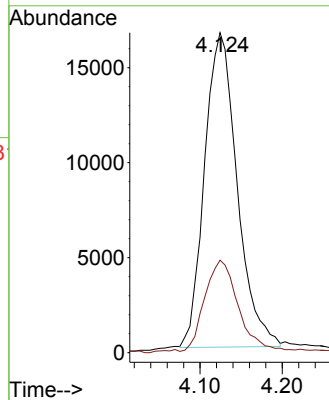
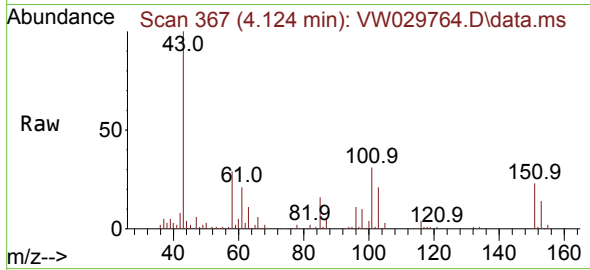
ClientSampleId :

Tgt Ion: 43 Resp: 45554

Ion Ratio Lower Upper

43 100

58 30.0 0.0 57.6



#14

Carbon disulfide

Concen: 17.054 ug/L

RT: 4.392 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW029764.D

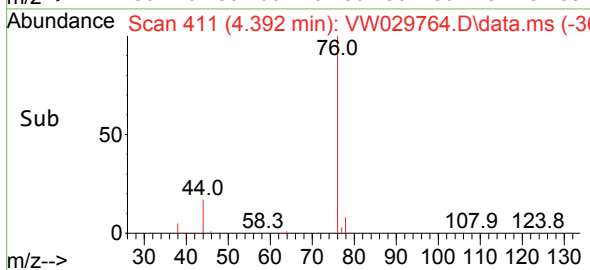
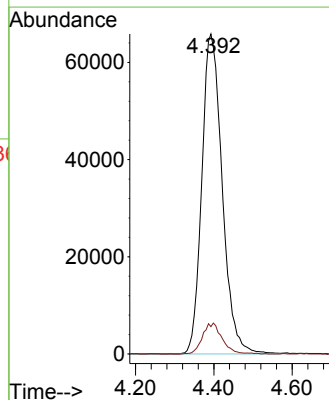
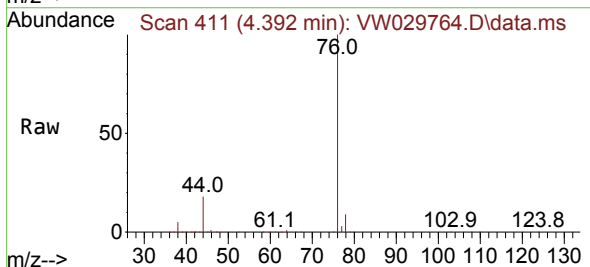
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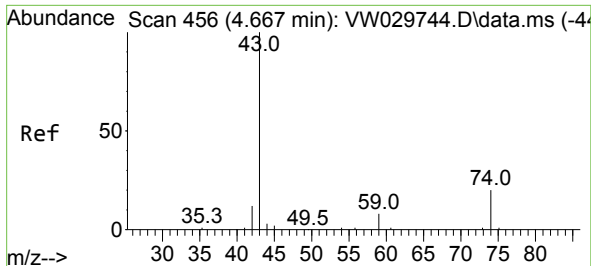
Tgt Ion: 76 Resp: 238284

Ion Ratio Lower Upper

76 100

78 8.5 7.6 11.4

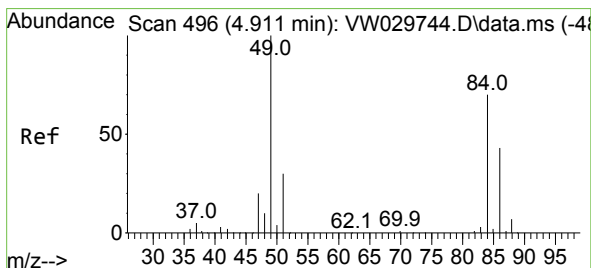
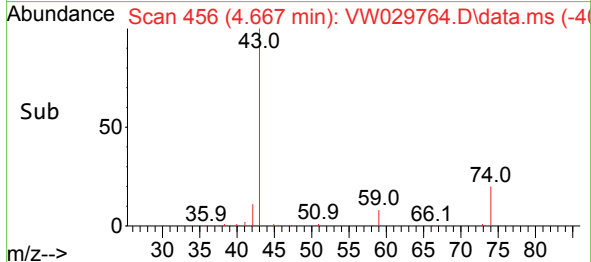
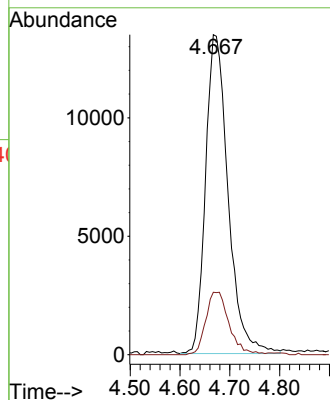
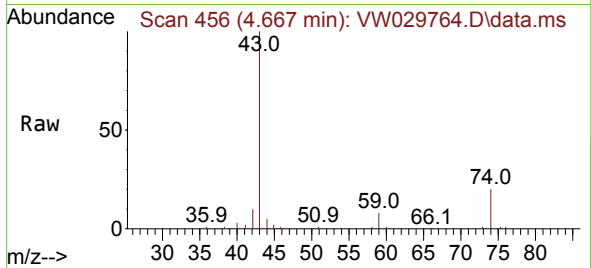




#15
Methyl Acetate
Concen: 17.032 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

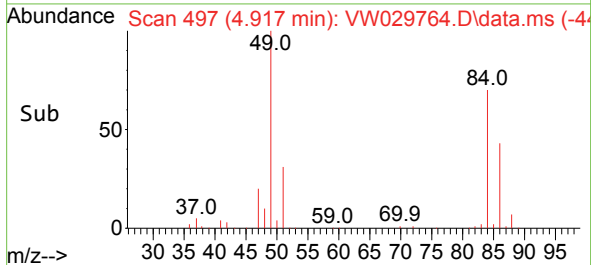
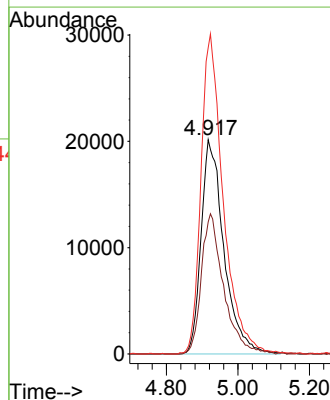
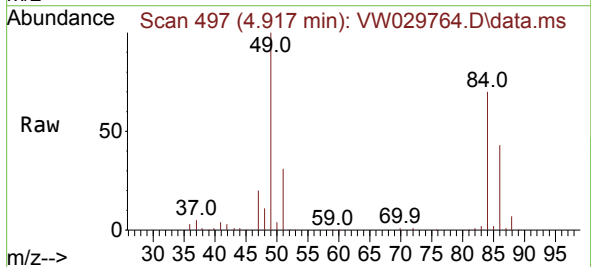
Instrument :
MSVOA_W
ClientSampleId :

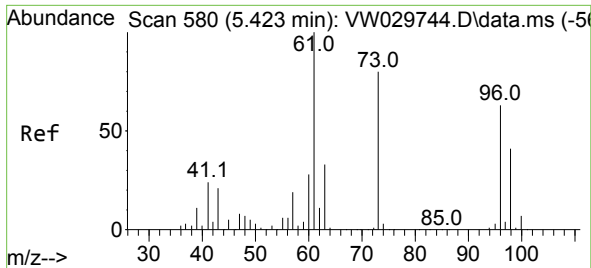
Tgt Ion: 43 Resp: 42163
Ion Ratio Lower Upper
43 100
74 19.6 16.5 24.7



#16
Methylene chloride
Concen: 13.883 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

Tgt Ion: 84 Resp: 89203
Ion Ratio Lower Upper
84 100
86 61.6 44.7 82.9
49 142.9 99.0 184.0

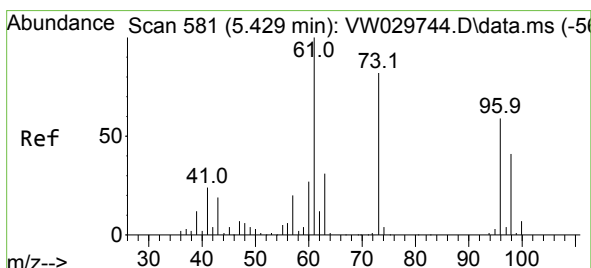
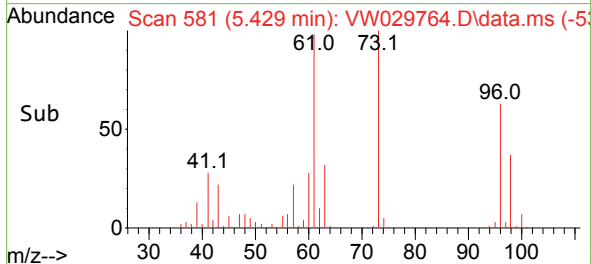
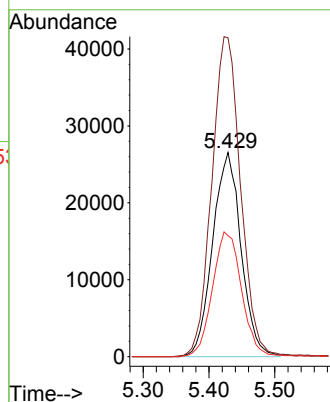
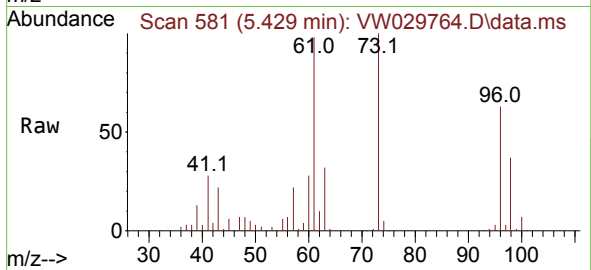




#17
trans-1,2-Dichloroethene
Concen: 17.631 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

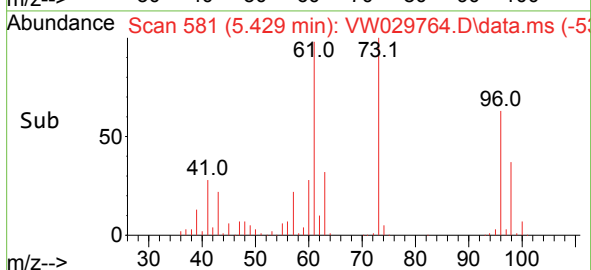
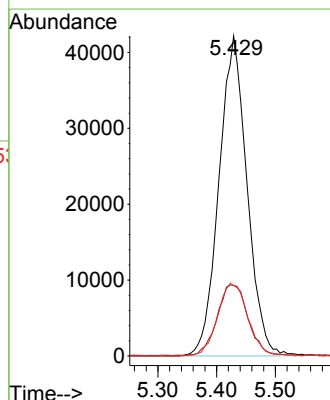
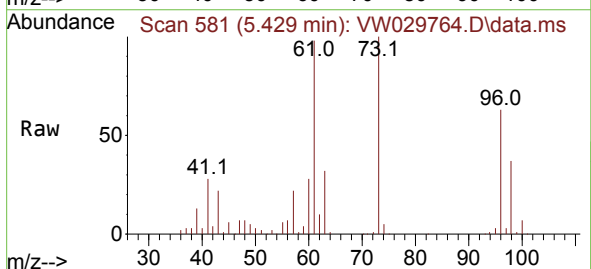
Instrument :
MSVOA_W
ClientSampleId :

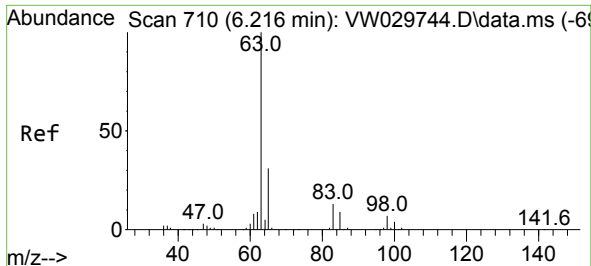
Tgt Ion: 96 Resp: 79774
Ion Ratio Lower Upper
96 100
61 156.2 111.2 206.6
98 59.3 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 18.715 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

Tgt Ion: 73 Resp: 139559
Ion Ratio Lower Upper
73 100
43 24.5 18.3 27.5
57 24.5 17.9 26.9





#19

1,1-Dichloroethane

Concen: 17.745 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Instrument :

MSVOA_W

ClientSampleId :

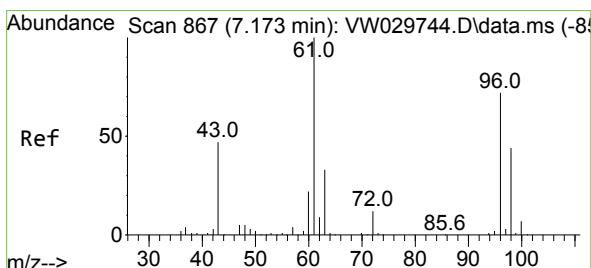
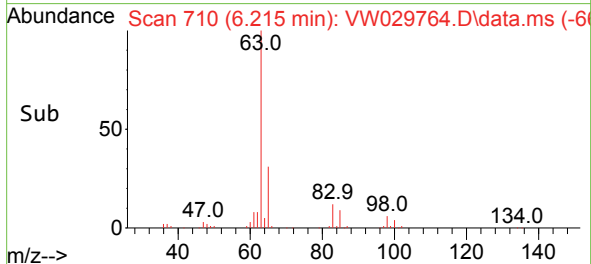
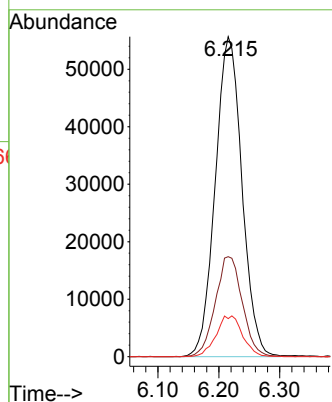
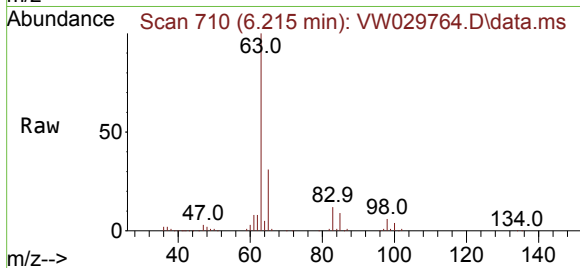
Tgt Ion: 63 Resp: 169333

Ion Ratio Lower Upper

63 100

65 31.2 22.3 41.3

83 11.9 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 17.808 ug/L

RT: 7.172 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

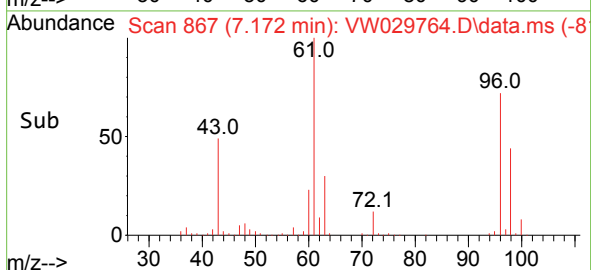
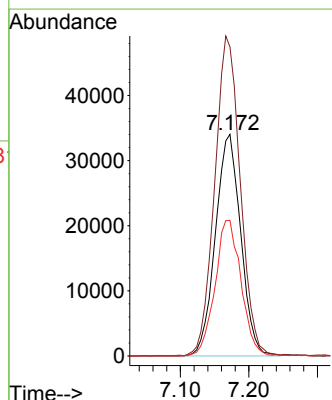
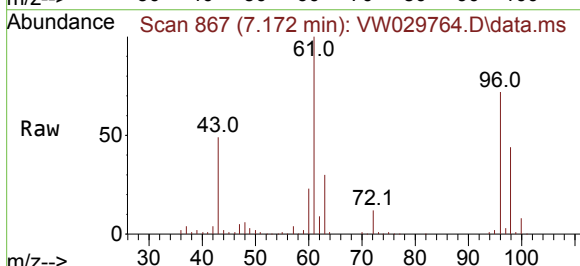
Tgt Ion: 96 Resp: 87399

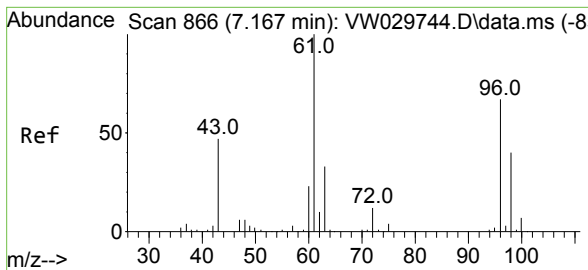
Ion Ratio Lower Upper

96 100

61 139.5 98.2 182.4

98 61.3 41.9 77.9

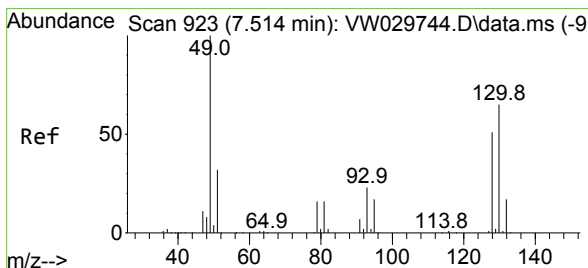
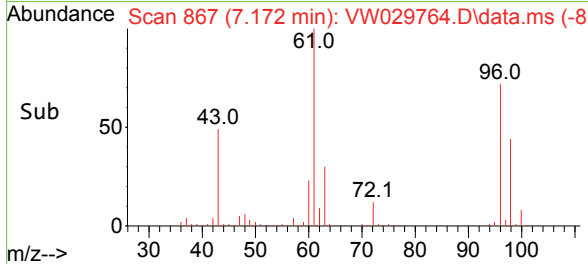
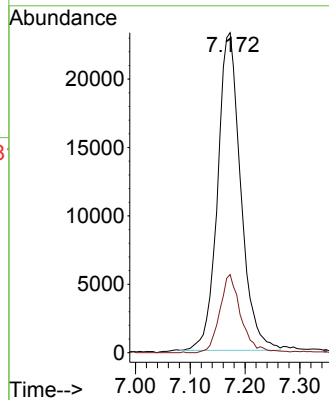
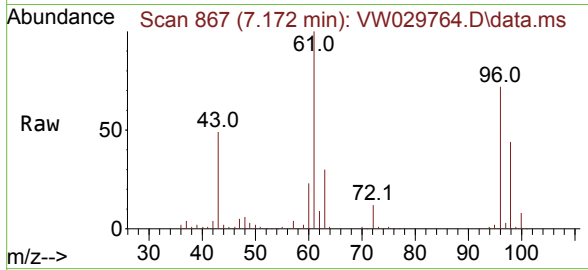




#22
2-Butanone
Concen: 35.778 ug/L
RT: 7.172 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

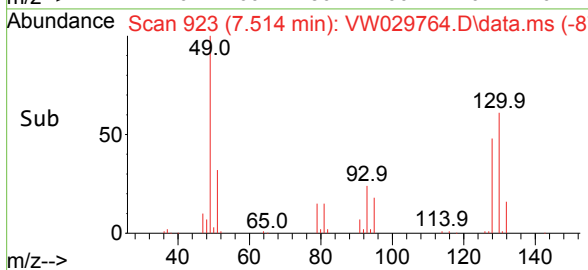
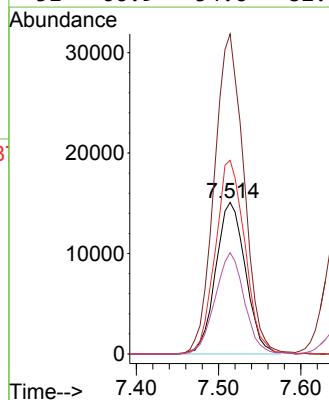
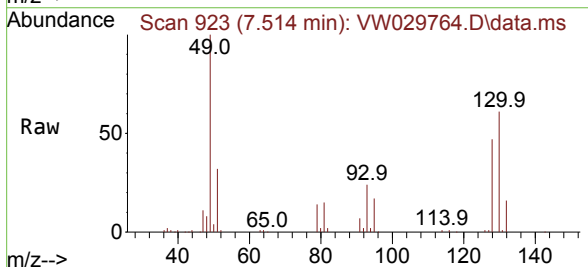
Instrument :
MSVOA_W
ClientSampleId :

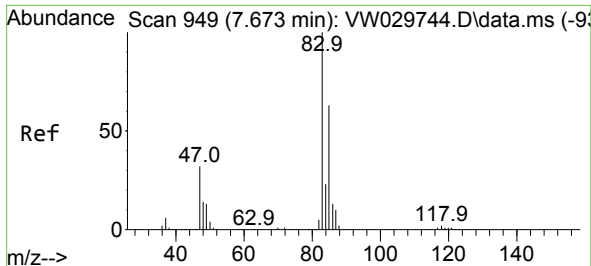
Tgt Ion: 43 Resp: 68131
Ion Ratio Lower Upper
43 100
72 21.6 11.7 35.1



#23
Bromochloromethane
Concen: 18.213 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

Tgt Ion: 128 Resp: 37949
Ion Ratio Lower Upper
128 100
49 211.3 151.1 280.7
130 127.9 96.8 179.8
51 66.9 54.6 82.0





#25

Chloroform

Concen: 18.127 ug/L

RT: 7.678 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Instrument :

MSVOA_W

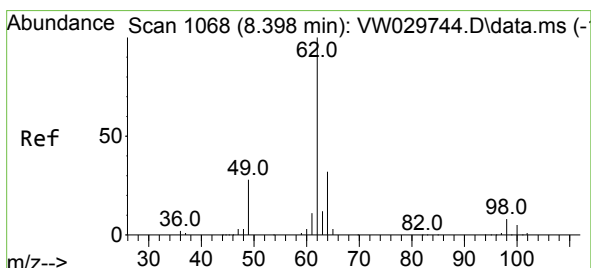
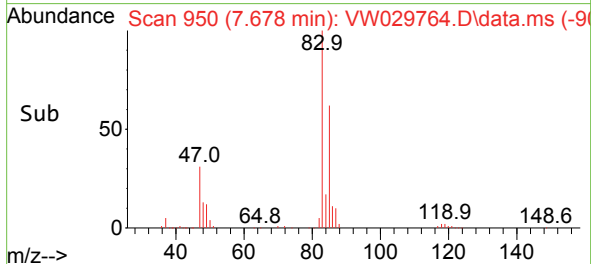
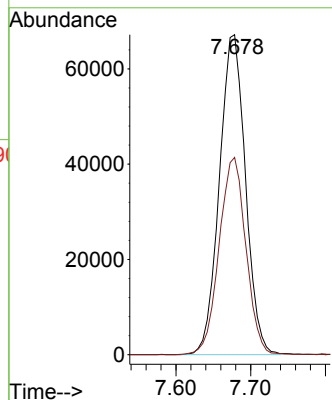
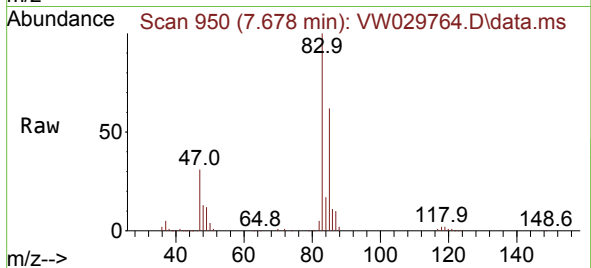
ClientSampleId :

Tgt Ion: 83 Resp: 162973

Ion Ratio Lower Upper

83 100

85 61.7 44.4 82.4



#27

1,2-Dichloroethane

Concen: 18.146 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029764.D

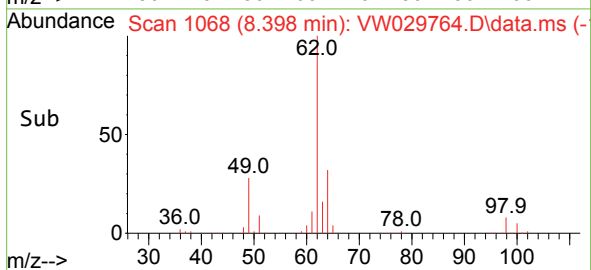
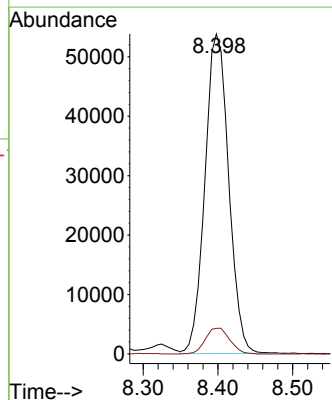
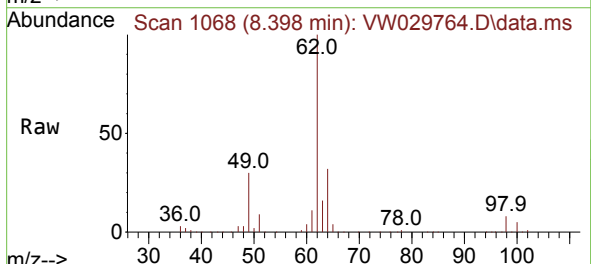
Acq: 26 Jul 2024 20:16

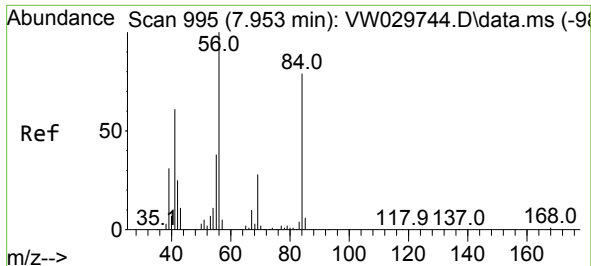
Tgt Ion: 62 Resp: 118896

Ion Ratio Lower Upper

62 100

98 8.0 6.6 10.0





#29

Cyclohexane

Concen: 18.401 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

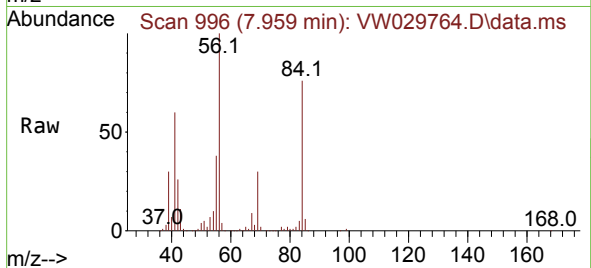
Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Instrument :

MSVOA_W

ClientSampleId :



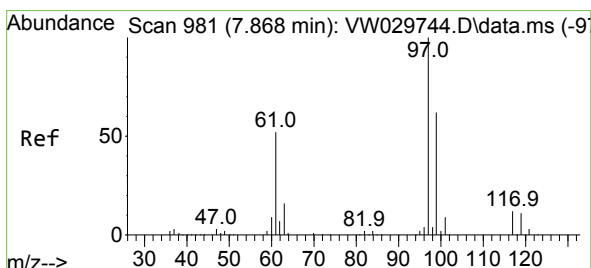
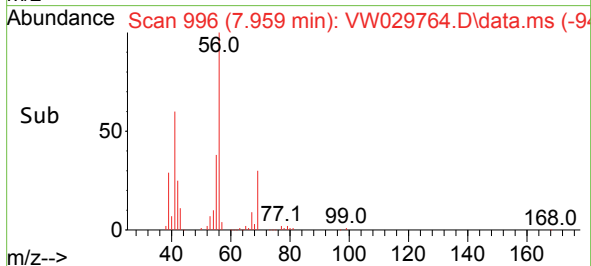
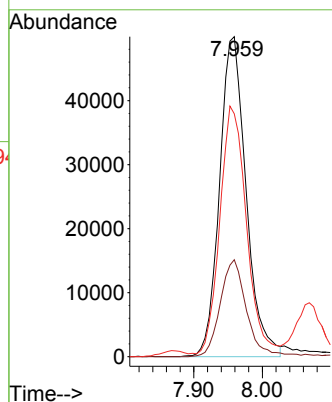
Tgt Ion: 56 Resp: 134306

Ion Ratio Lower Upper

56 100

69 29.1 23.0 34.4

84 79.1 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 19.224 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

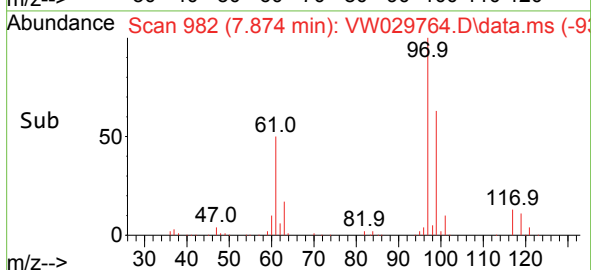
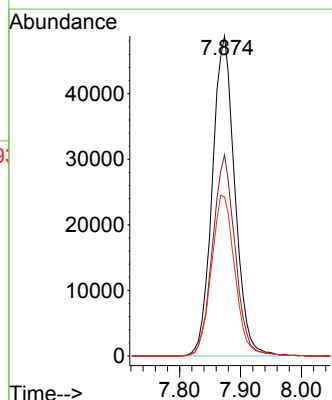
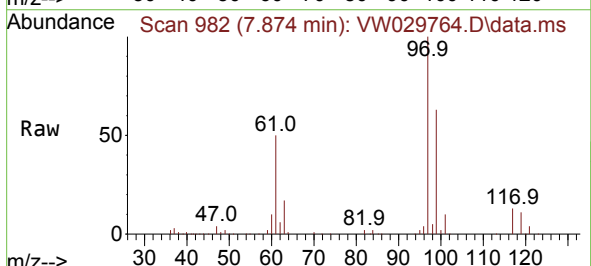
Tgt Ion: 97 Resp: 125032

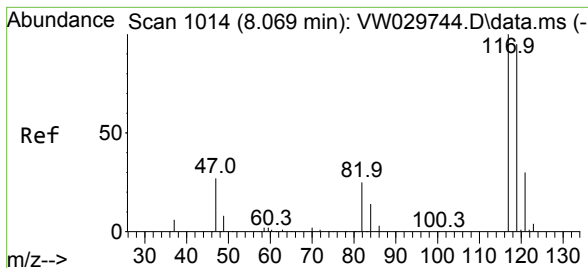
Ion Ratio Lower Upper

97 100

99 63.1 52.1 78.1

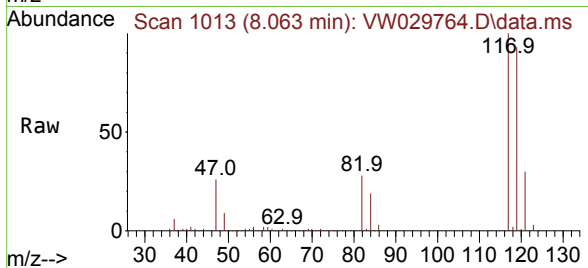
61 52.7 42.6 63.8



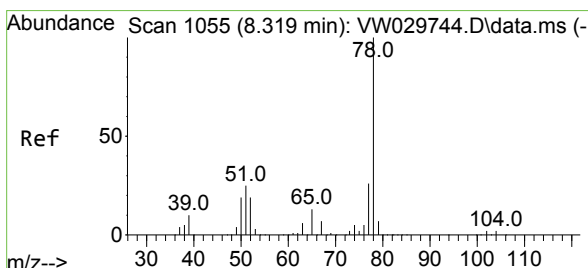
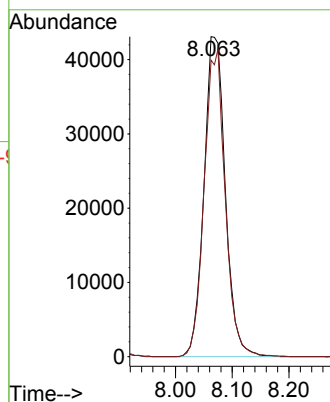
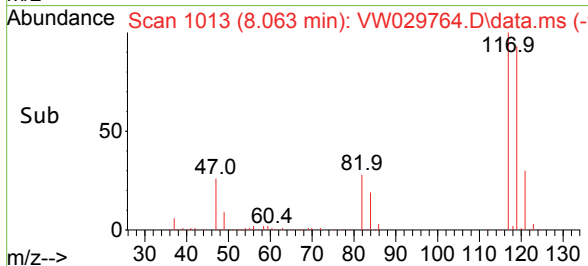


#31
Carbon tetrachloride
Concen: 19.228 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

Instrument :
MSVOA_W
ClientSampleId :

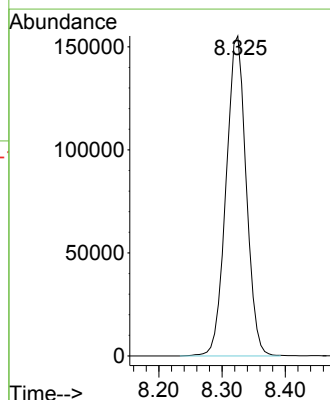
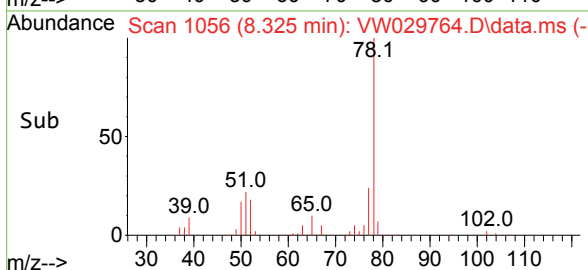
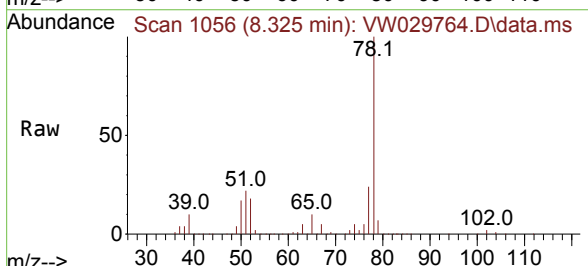


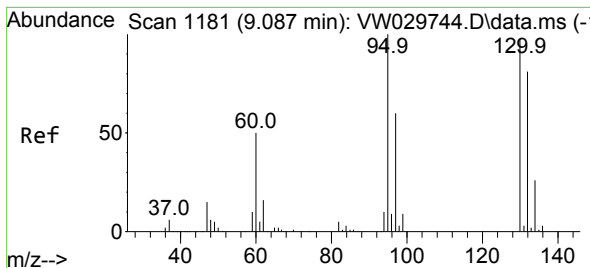
Tgt Ion:117 Resp: 112692
Ion Ratio Lower Upper
117 100
119 94.4 74.8 112.2



#33
Benzene
Concen: 19.446 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

Tgt Ion: 78 Resp: 342216





#34

Trichloroethene

Concen: 19.119 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 88203

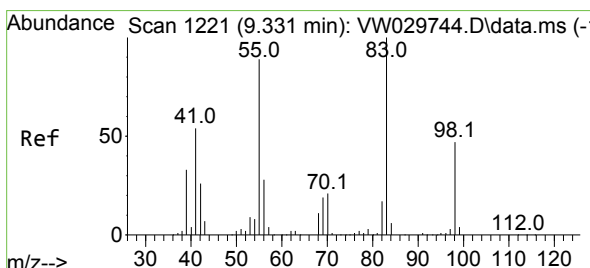
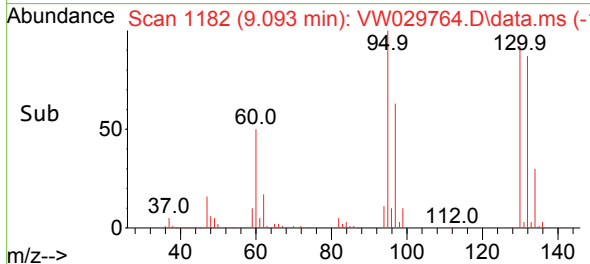
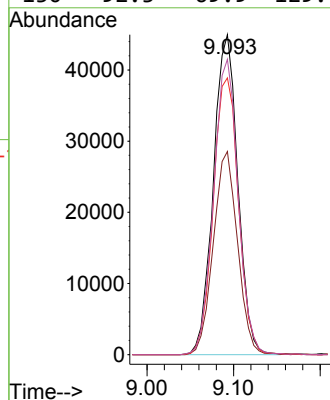
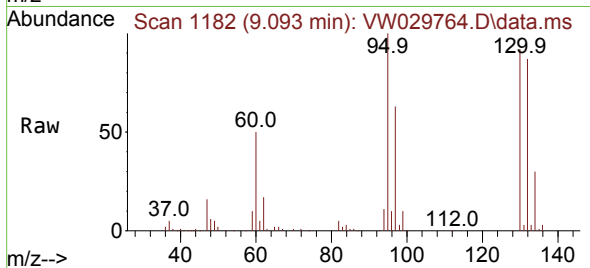
Ion Ratio Lower Upper

95 100

97 63.5 45.6 84.8

132 86.5 65.2 121.0

130 92.3 69.9 129.7



#35

Methylcyclohexane

Concen: 16.755 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

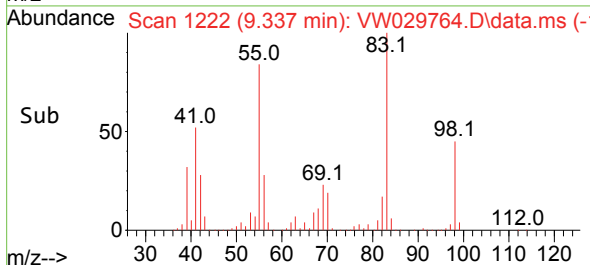
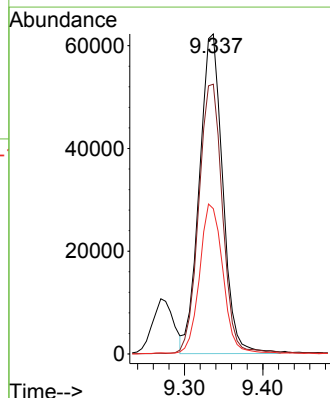
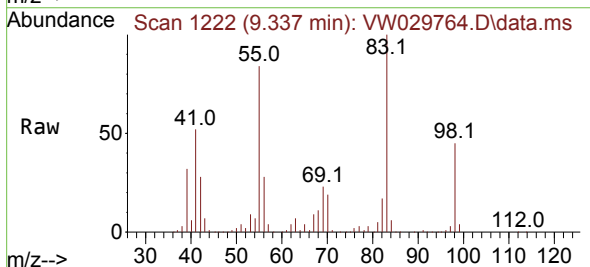
Tgt Ion: 83 Resp: 128800

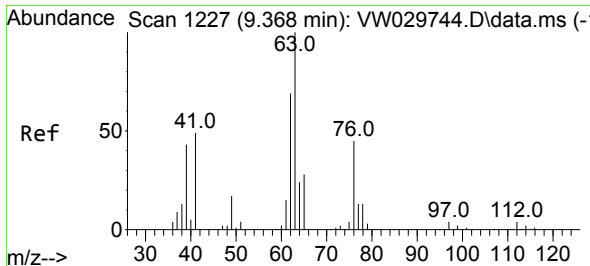
Ion Ratio Lower Upper

83 100

55 86.0 67.4 101.2

98 47.3 36.7 55.1

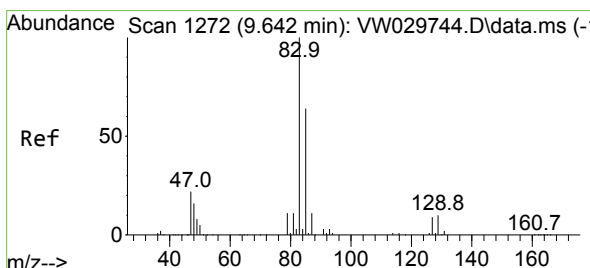
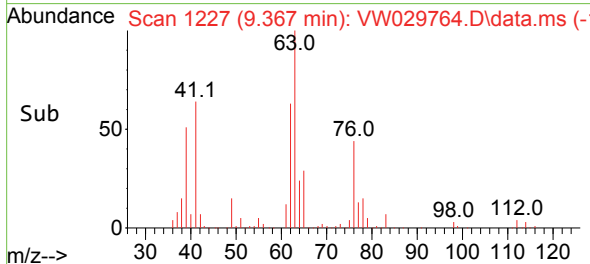
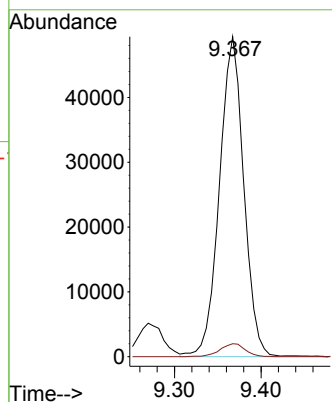
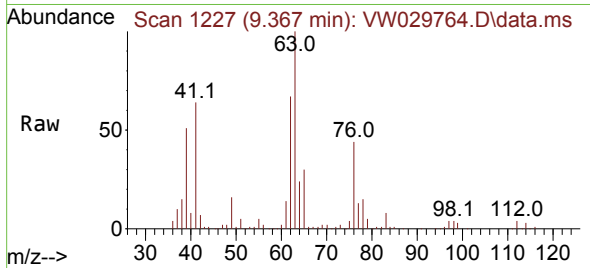




#37
1,2-Dichloropropane
Concen: 19.931 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

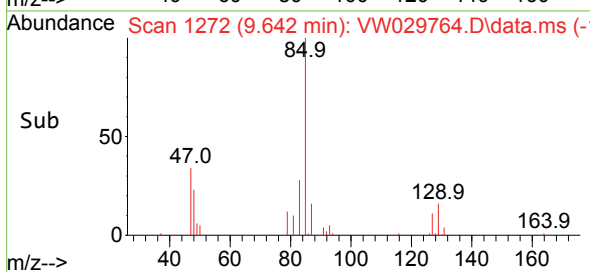
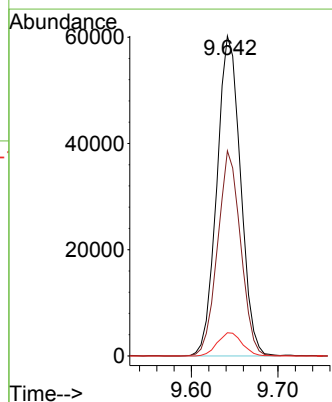
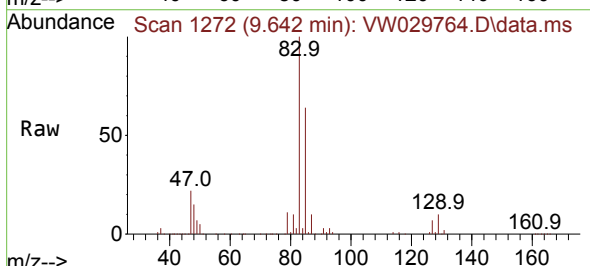
Instrument :
MSVOA_W
ClientSampleId :

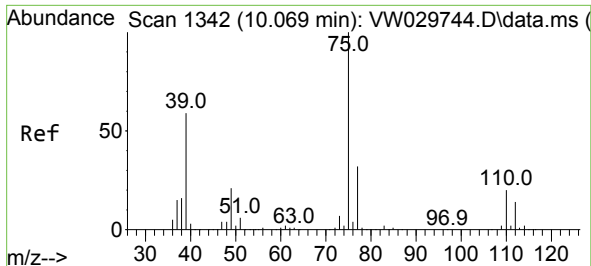
Tgt Ion: 63 Resp: 96118
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 19.924 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

Tgt Ion: 83 Resp: 114417
Ion Ratio Lower Upper
83 100
85 64.1 46.6 86.6
127 7.2 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 17.970 ug/L

RT: 10.068 min Scan# 11

Delta R.T. -0.000 min

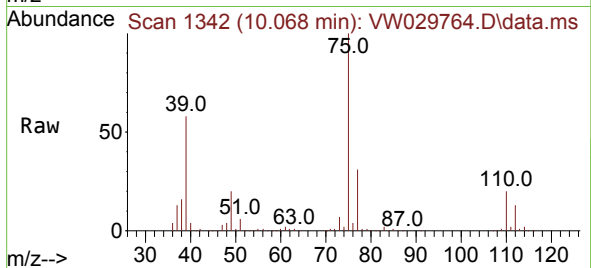
Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Instrument :

MSVOA_W

ClientSampleId :

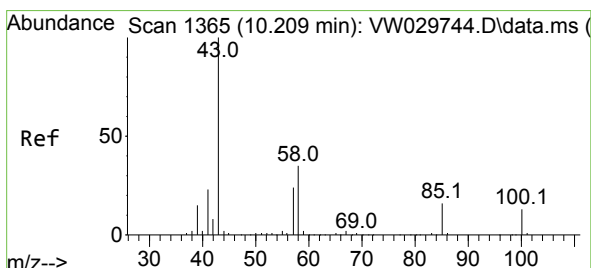
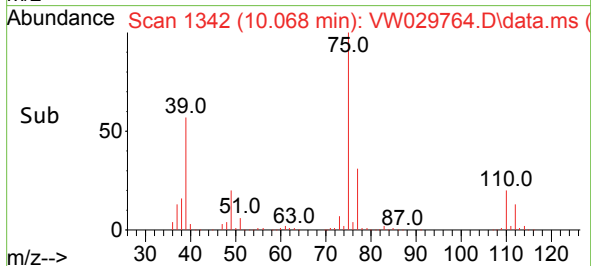
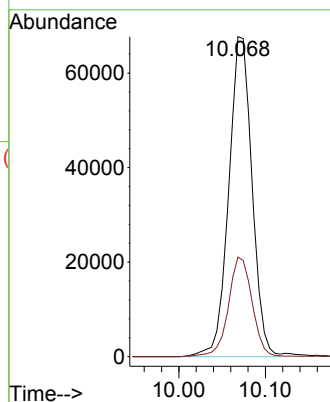


Tgt Ion: 75 Resp: 126207

Ion Ratio Lower Upper

75 100

77 31.1 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 42.471 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

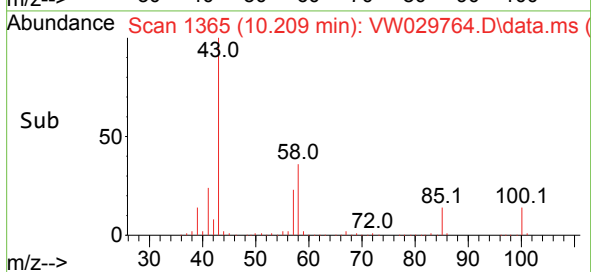
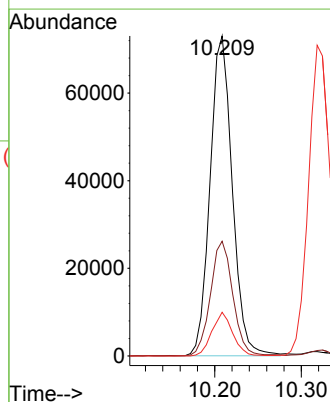
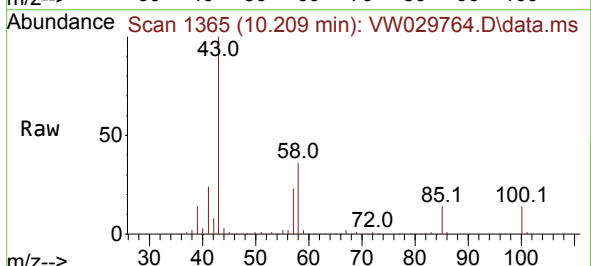
Tgt Ion: 43 Resp: 130097

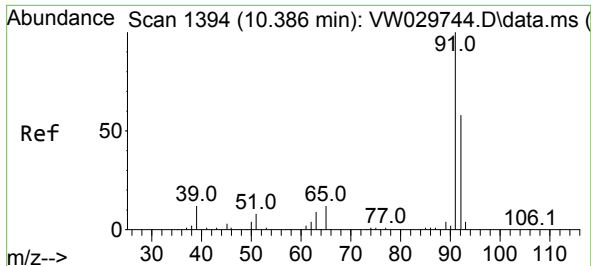
Ion Ratio Lower Upper

43 100

58 36.1 28.7 43.1

100 12.8 10.0 15.0





#42

Toluene

Concen: 18.898 ug/L

RT: 10.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Instrument :

MSVOA_W

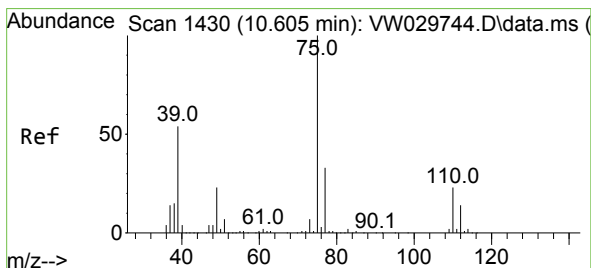
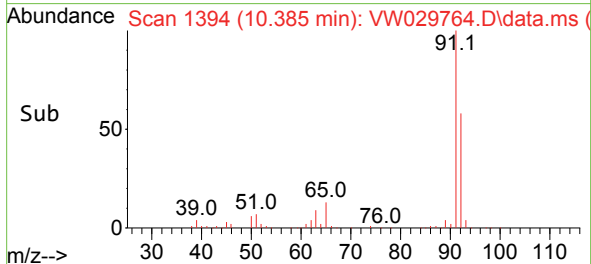
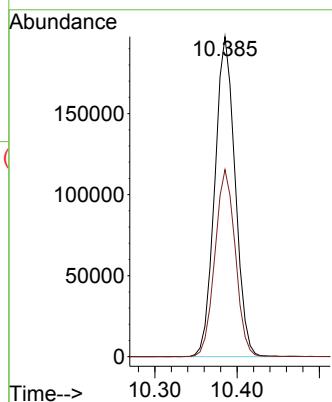
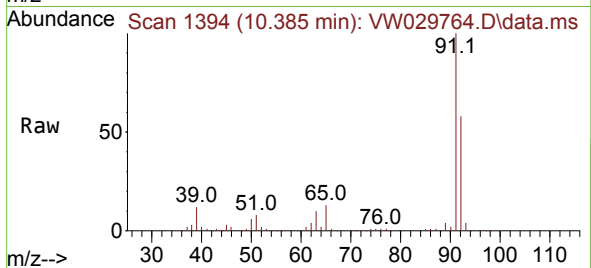
ClientSampleId :

Tgt Ion: 91 Resp: 339462

Ion Ratio Lower Upper

91 100

92 58.5 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 18.506 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029764.D

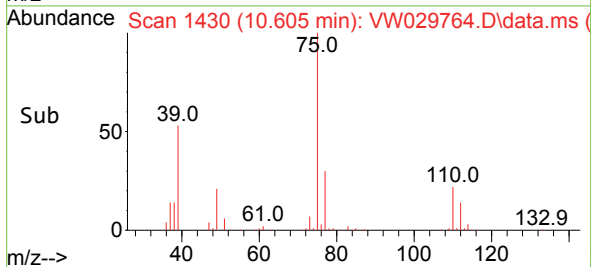
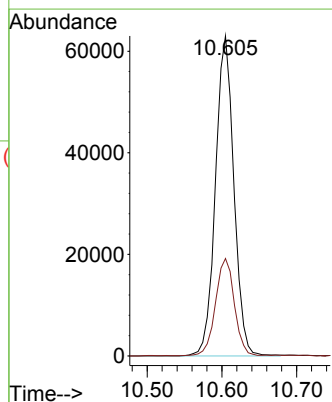
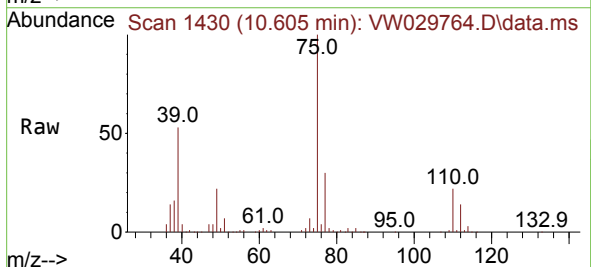
Acq: 26 Jul 2024 20:16

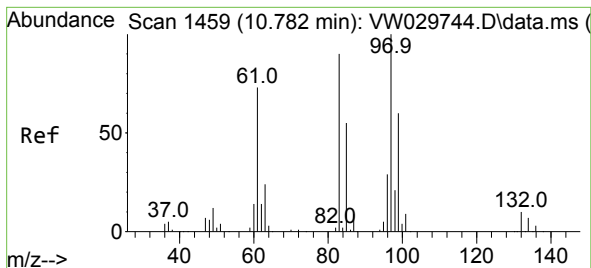
Tgt Ion: 75 Resp: 107899

Ion Ratio Lower Upper

75 100

77 30.4 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 19.561 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

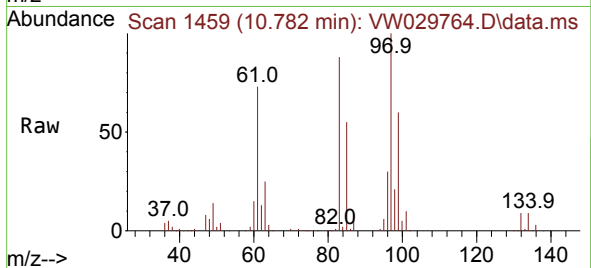
Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 63372

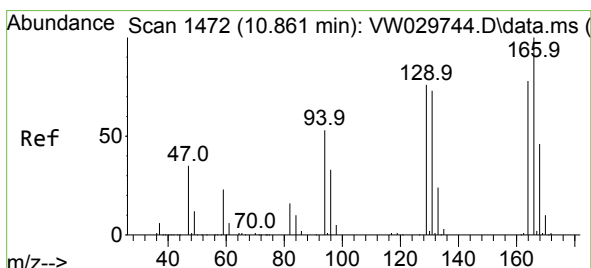
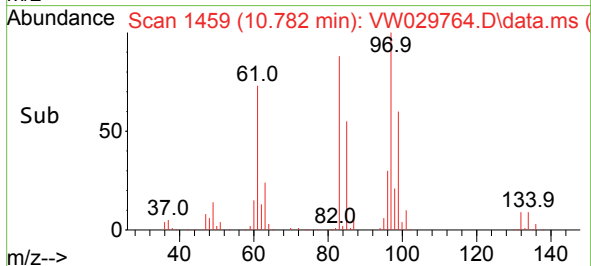
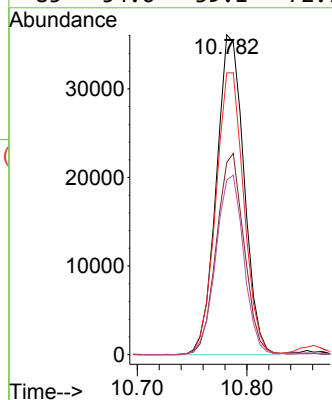
Ion Ratio Lower Upper

97 100

99 60.1 40.1 74.5

83 88.1 58.5 108.7

85 54.6 39.1 72.7



#46

Tetrachloroethene

Concen: 16.464 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Tgt Ion:164 Resp: 55203

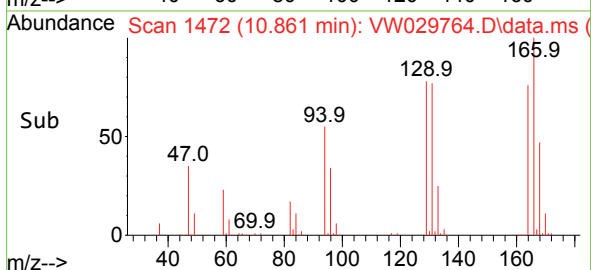
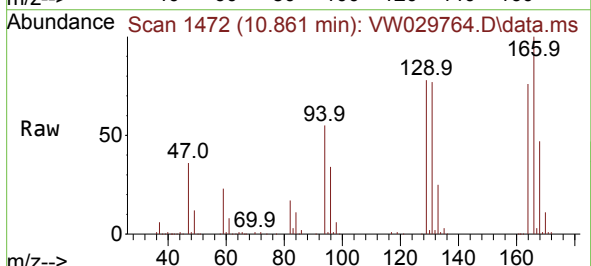
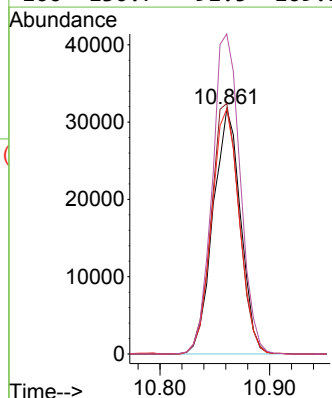
Ion Ratio Lower Upper

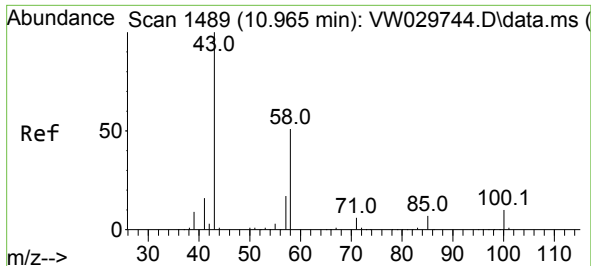
164 100

129 102.3 77.8 144.6

131 100.2 70.9 131.7

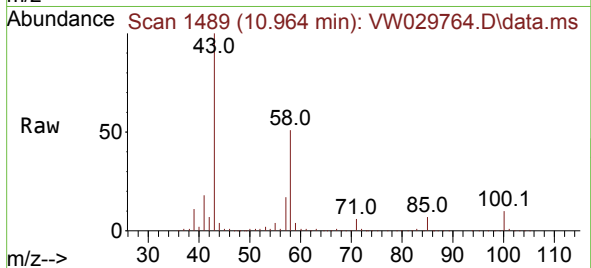
166 130.7 91.5 169.9



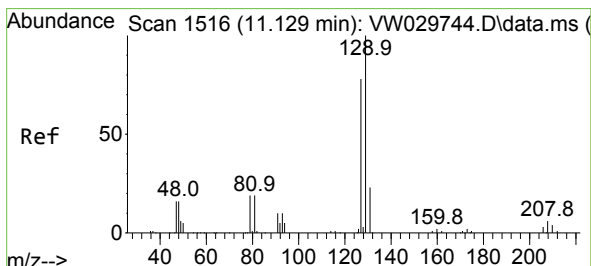
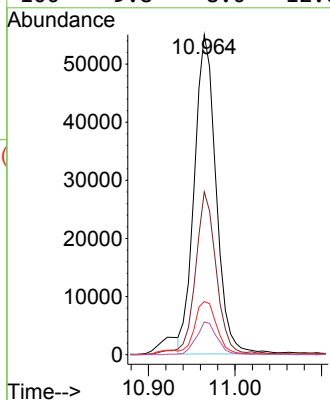
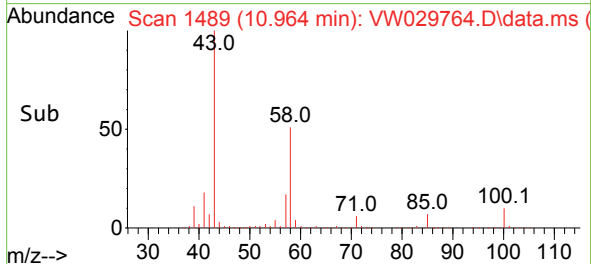


#48
2-Hexanone
Concen: 41.712 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

Instrument :
MSVOA_W
ClientSampleId :

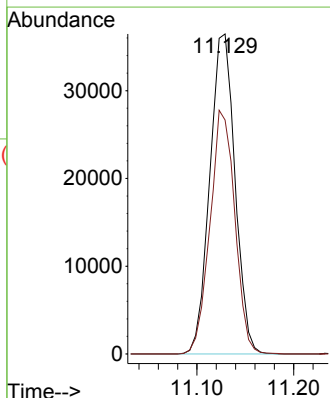
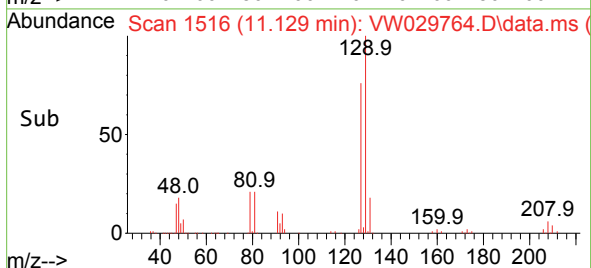
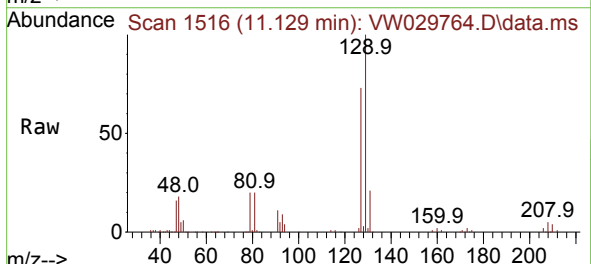


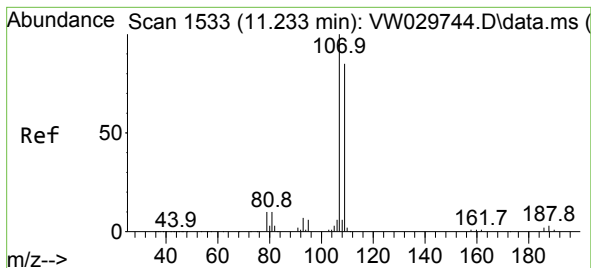
Tgt Ion: 43 Resp: 95695
Ion Ratio Lower Upper
43 100
58 49.0 41.0 61.4
57 16.9 14.1 21.1
100 9.8 8.0 12.0



#49
Dibromochloromethane
Concen: 19.602 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

Tgt Ion:129 Resp: 65927
Ion Ratio Lower Upper
129 100
127 73.1 52.4 97.2





#50

1,2-Dibromoethane

Concen: 19.598 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029764.D

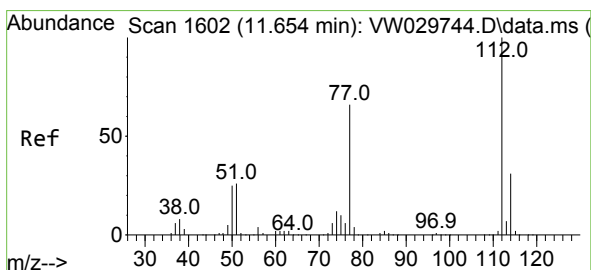
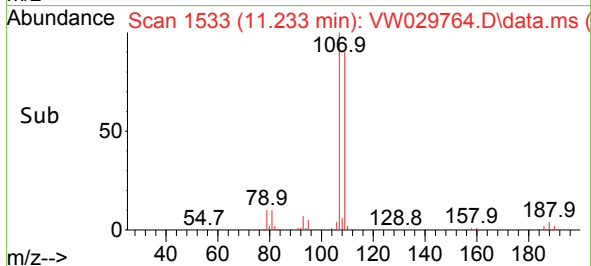
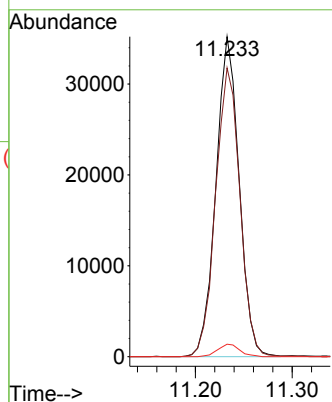
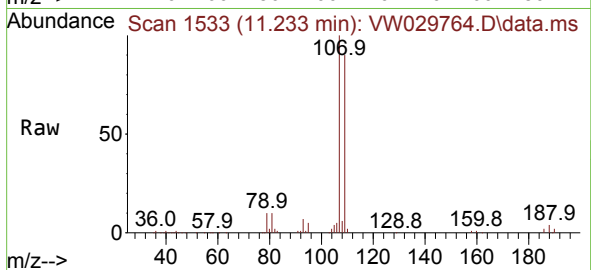
Acq: 26 Jul 2024 20:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	58749
Ion Ratio	Lower	Upper	
107	100		
109	90.2	64.8	120.3
188	3.9	2.7	4.1



#51

Chlorobenzene

Concen: 17.164 ug/L

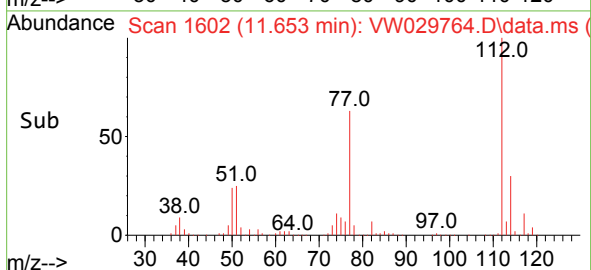
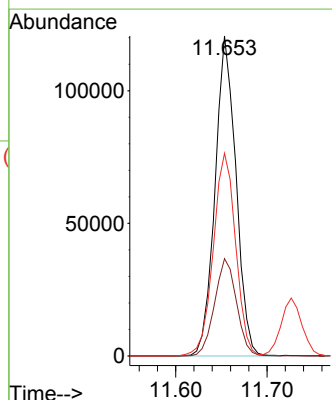
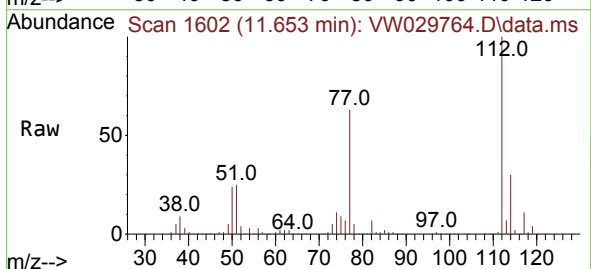
RT: 11.653 min Scan# 1602

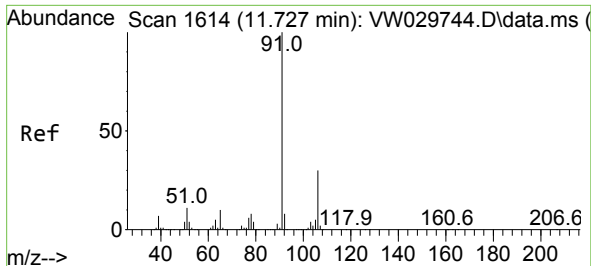
Delta R.T. -0.000 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Tgt Ion:	112	Resp:	191778
Ion Ratio	Lower	Upper	
112	100		
114	30.4	22.0	40.8
77	63.4	53.8	80.8

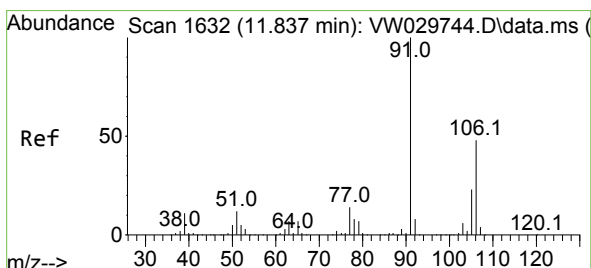
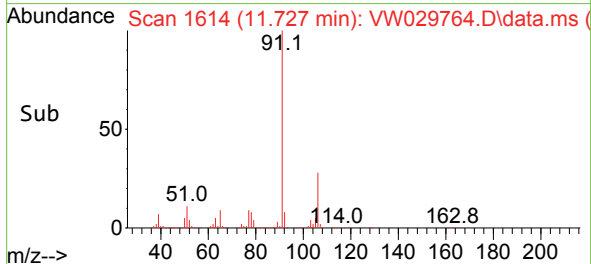
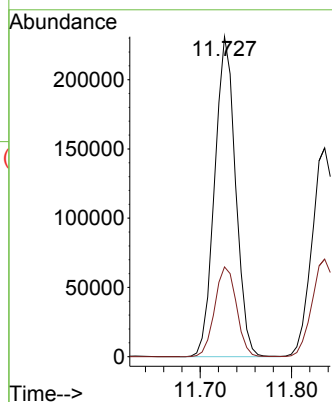
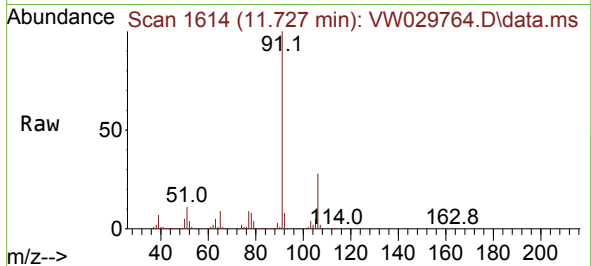




#52
Ethylbenzene
Concen: 18.108 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

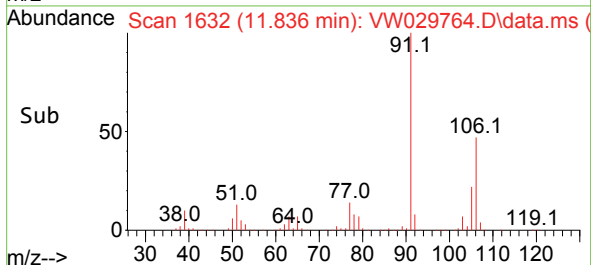
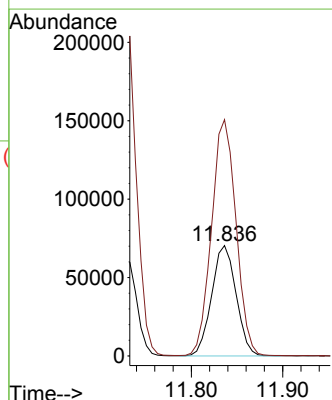
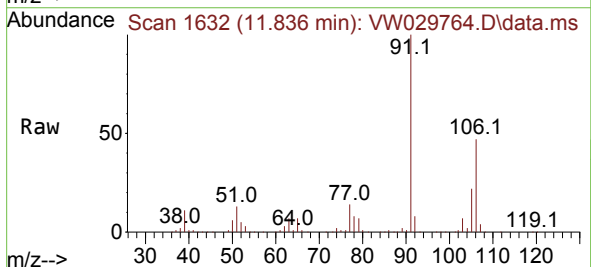
Instrument :
MSVOA_W
ClientSampleId :

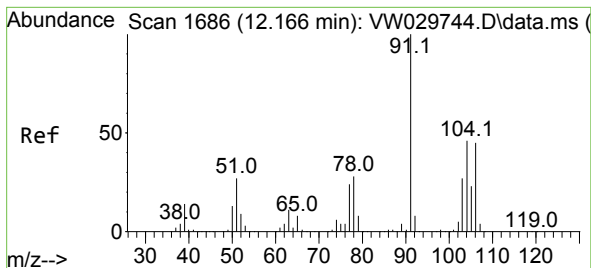
Tgt Ion: 91 Resp: 366916
Ion Ratio Lower Upper
91 100
106 28.0 20.4 38.0



#53
m,p-Xylene
Concen: 17.573 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

Tgt Ion:106 Resp: 130952
Ion Ratio Lower Upper
106 100
91 214.0 151.4 281.2





#54

o-Xylene

Concen: 18.465 ug/L

RT: 12.159 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Instrument :

MSVOA_W

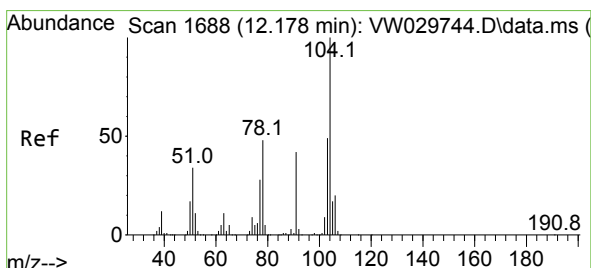
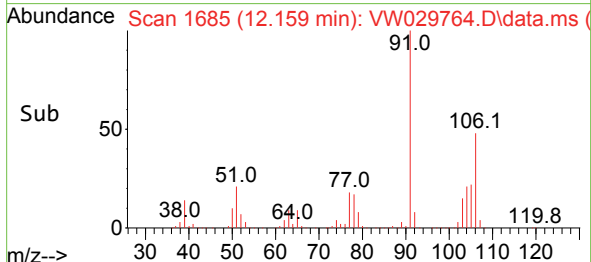
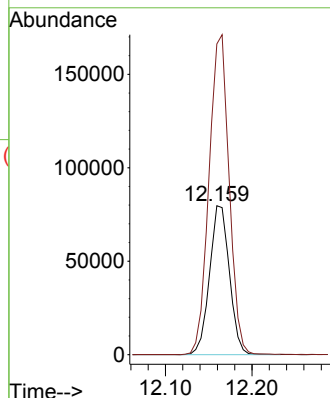
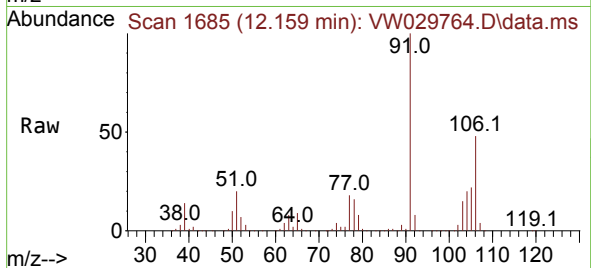
ClientSampleId :

Tgt Ion:106 Resp: 126710

Ion Ratio Lower Upper

106 100

91 208.6 155.8 289.4



#55

Styrene

Concen: 17.390 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029764.D

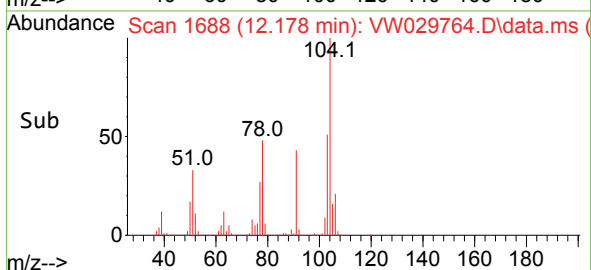
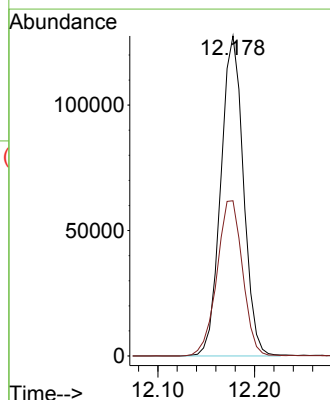
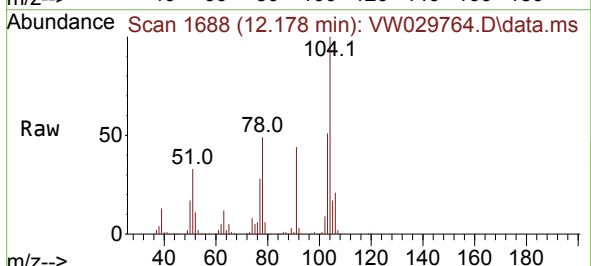
Acq: 26 Jul 2024 20:16

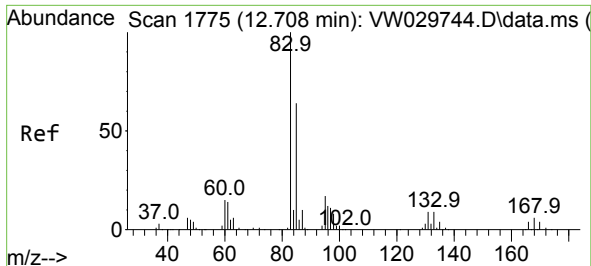
Tgt Ion:104 Resp: 206849

Ion Ratio Lower Upper

104 100

78 48.5 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 19.414 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW029764.D

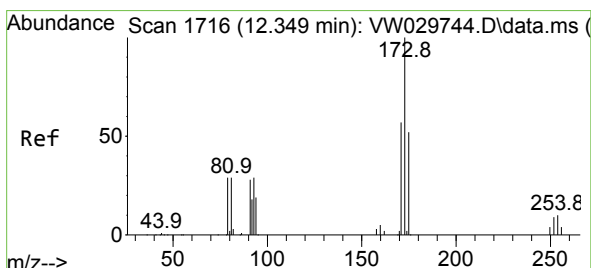
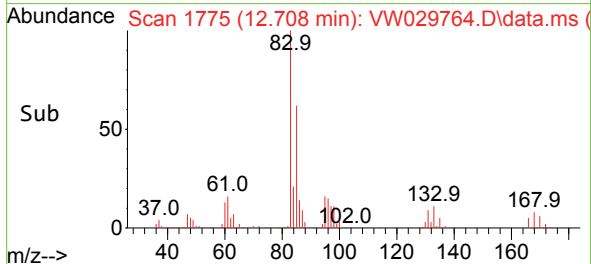
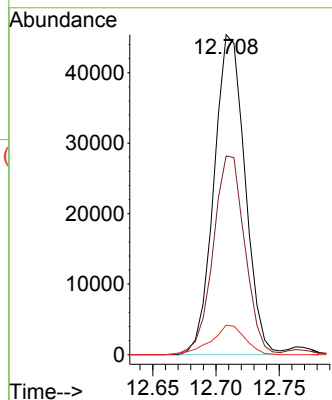
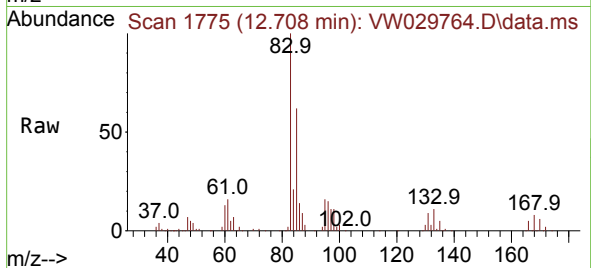
Acq: 26 Jul 2024 20:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	77197
Ion Ratio	Lower	Upper	
83	100		
85	62.1	44.2	82.0
131	9.2	6.2	9.2



#59

Bromoform

Concen: 24.635 ug/L

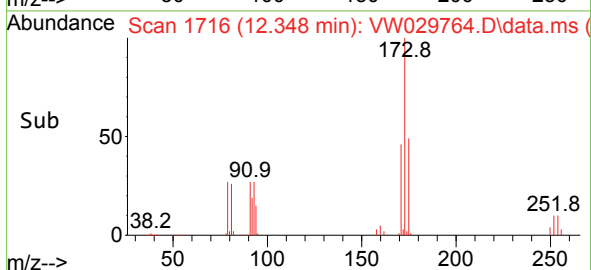
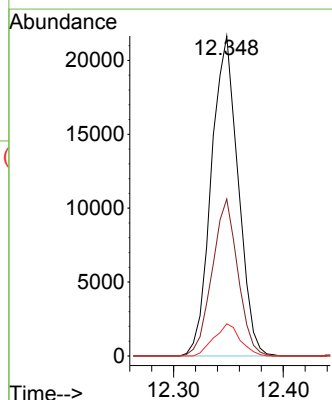
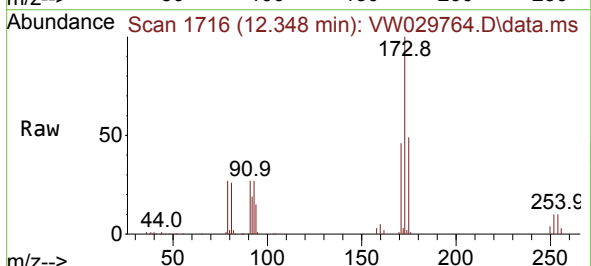
RT: 12.348 min Scan# 1716

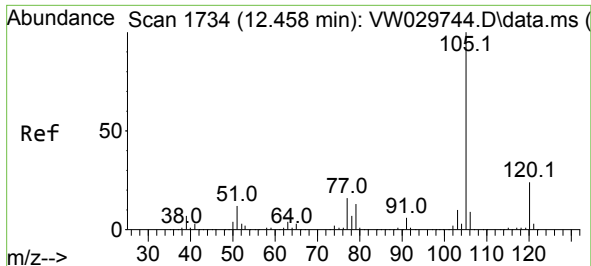
Delta R.T. -0.000 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

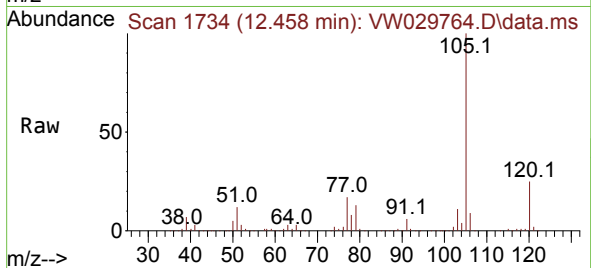
Tgt Ion:	173	Resp:	36773
Ion Ratio	Lower	Upper	
173	100		
175	47.0	38.1	57.1
254	9.8	7.8	11.6



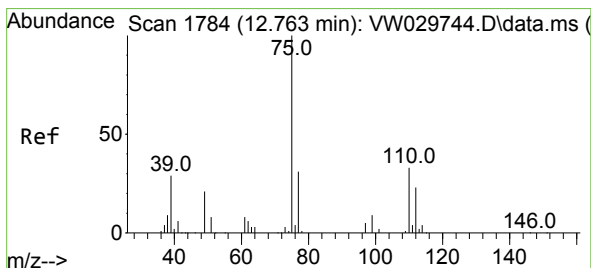
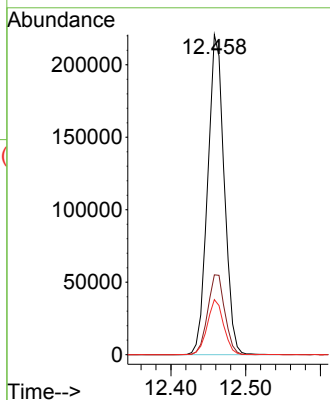
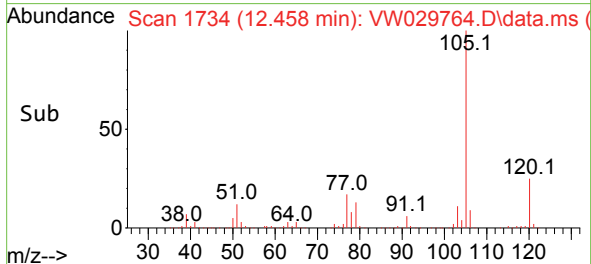


#60
Isopropylbenzene
Concen: 22.075 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16

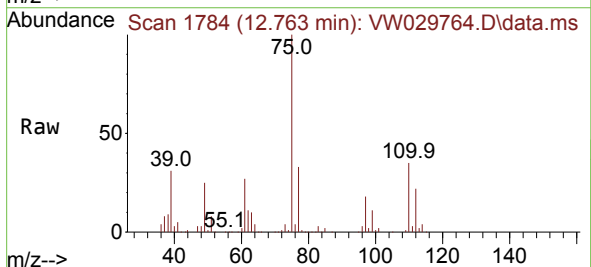
Instrument :
MSVOA_W
ClientSampleId :



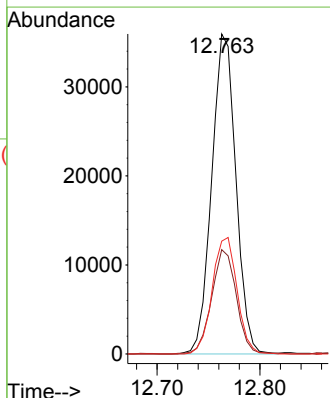
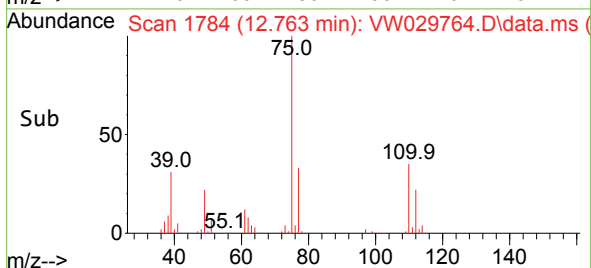
Tgt Ion:105 Resp: 338869
Ion Ratio Lower Upper
105 100
120 25.9 20.3 30.5
77 17.1 14.0 21.0

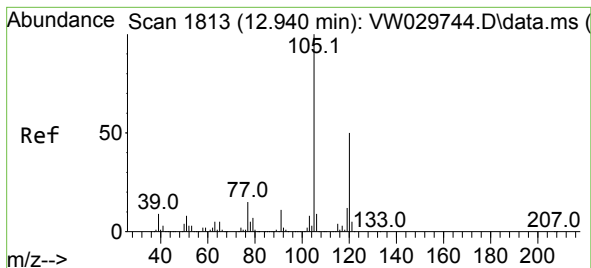


#61
1,2,3-Trichloropropane
Concen: 24.330 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029764.D
Acq: 26 Jul 2024 20:16



Tgt Ion: 75 Resp: 58701
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0
110 37.3 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 22.829 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Instrument :

MSVOA_W

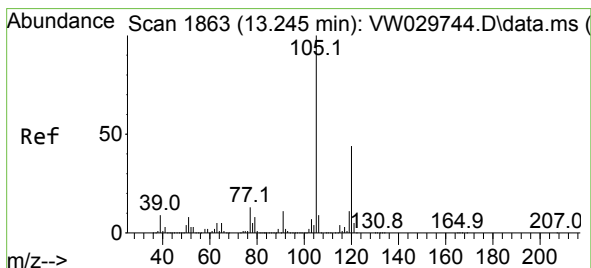
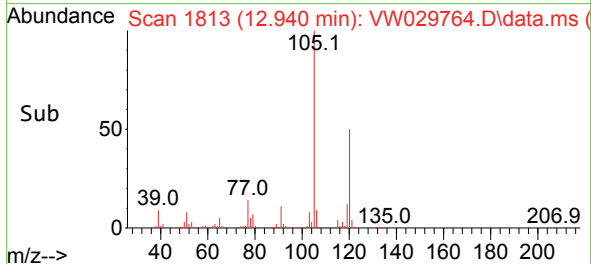
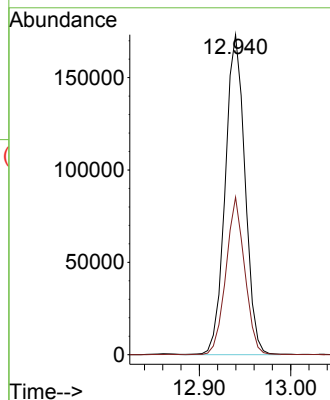
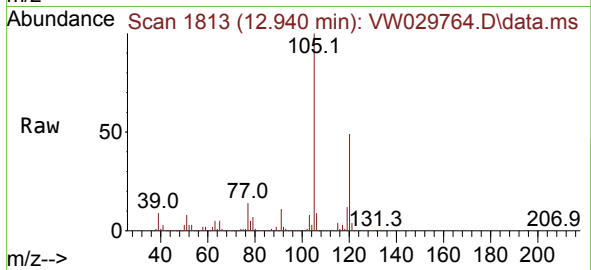
ClientSampleId :

Tgt Ion:105 Resp: 260476

Ion Ratio Lower Upper

105 100

120 47.0 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 20.124 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029764.D

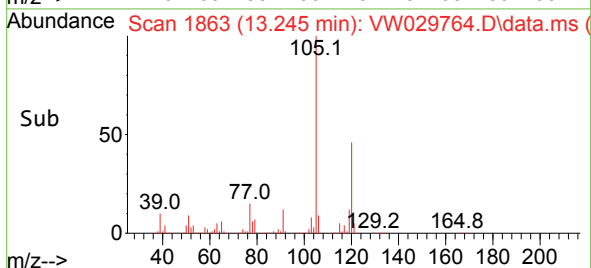
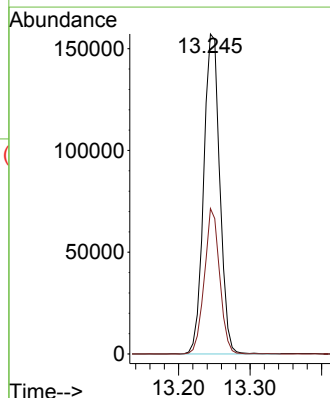
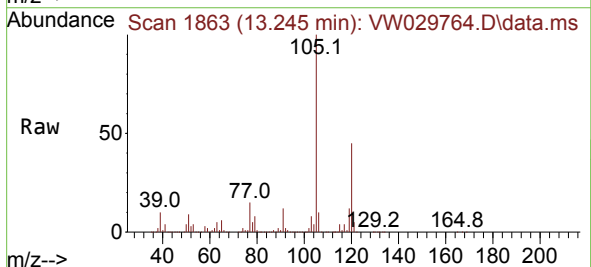
Acq: 26 Jul 2024 20:16

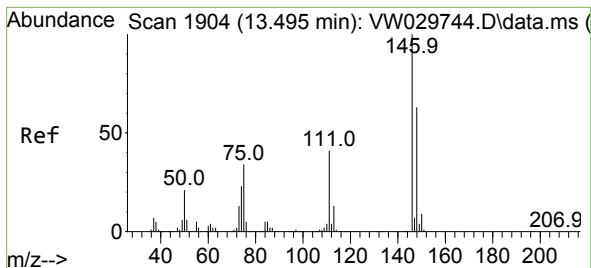
Tgt Ion:105 Resp: 245564

Ion Ratio Lower Upper

105 100

120 43.2 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 17.151 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Instrument :

MSVOA_W

ClientSampleId :

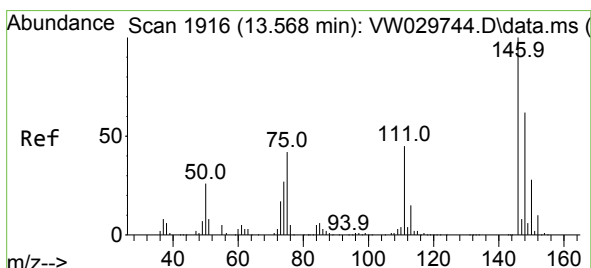
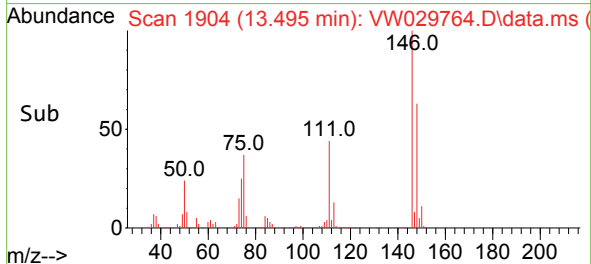
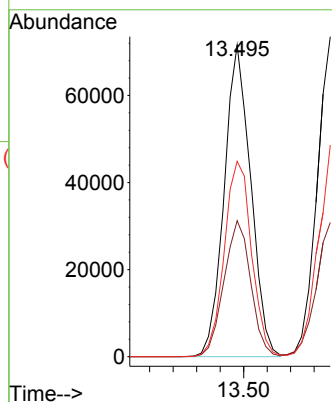
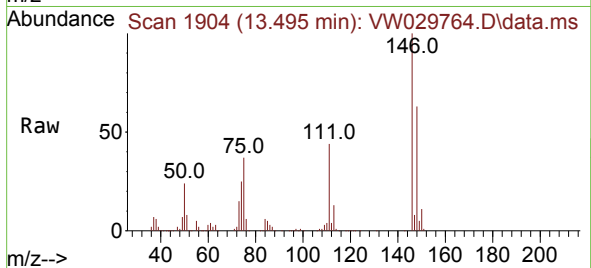
Tgt Ion:146 Resp: 112328

Ion Ratio Lower Upper

146 100

111 43.6 28.7 53.3

148 62.7 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 17.290 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.006 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

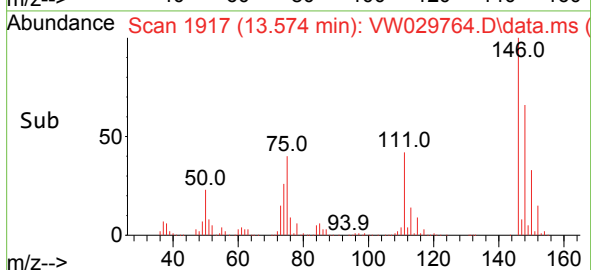
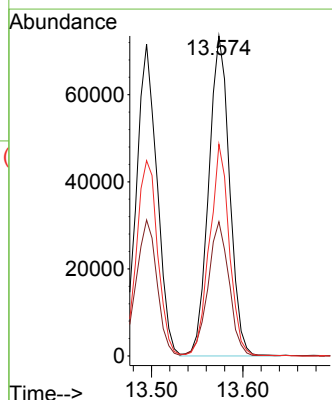
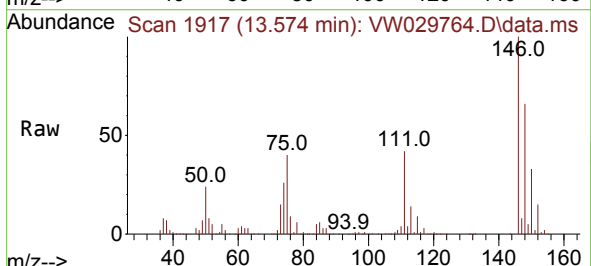
Tgt Ion:146 Resp: 116321

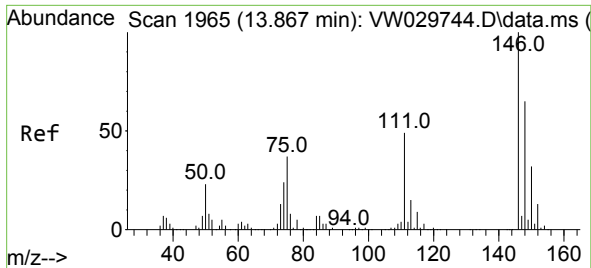
Ion Ratio Lower Upper

146 100

111 42.0 30.1 55.9

148 66.2 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 18.042 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Instrument :

MSVOA_W

ClientSampleId :

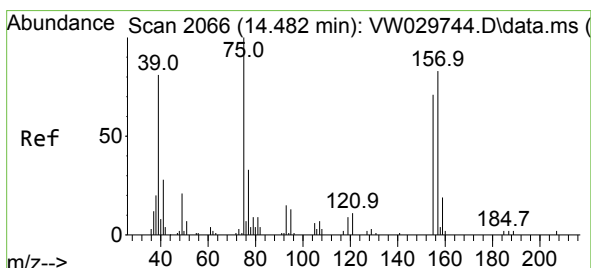
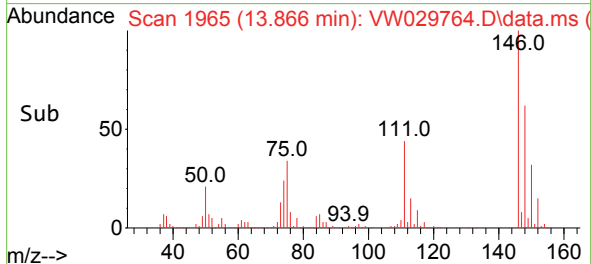
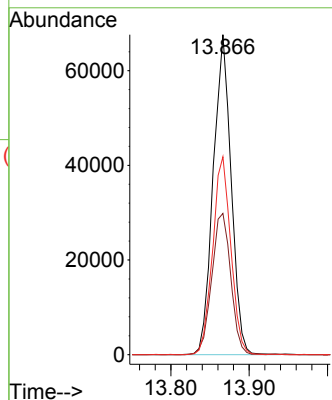
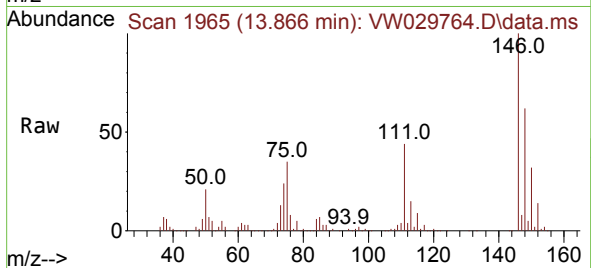
Tgt Ion:146 Resp: 107578

Ion Ratio Lower Upper

146 100

111 44.2 35.8 53.8

148 61.8 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 23.418 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

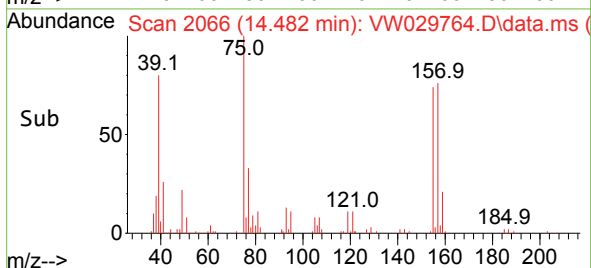
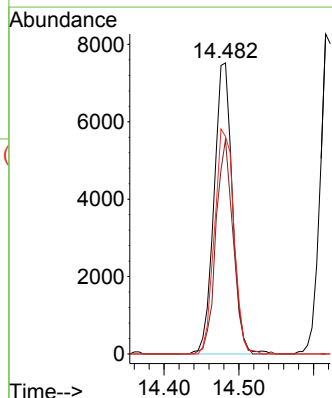
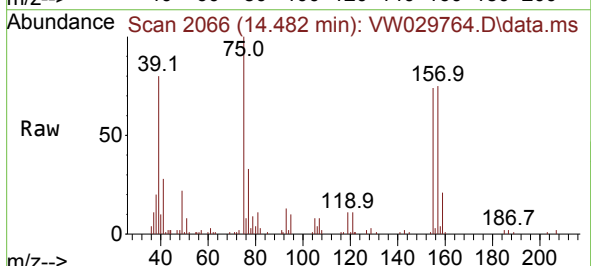
Tgt Ion: 75 Resp: 12829

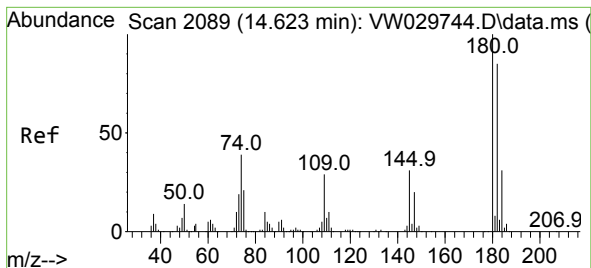
Ion Ratio Lower Upper

75 100

155 73.6 47.8 71.6#

157 74.7 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 14.151 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

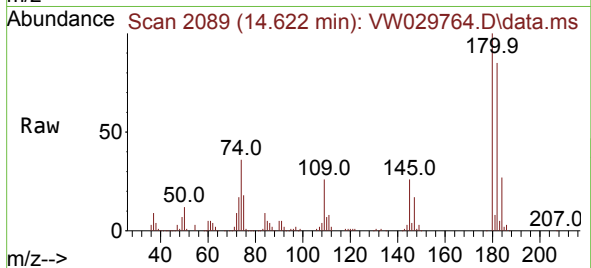
Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 63412

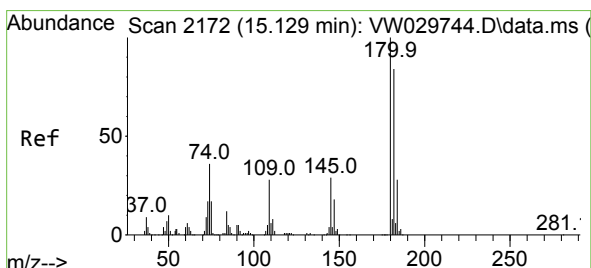
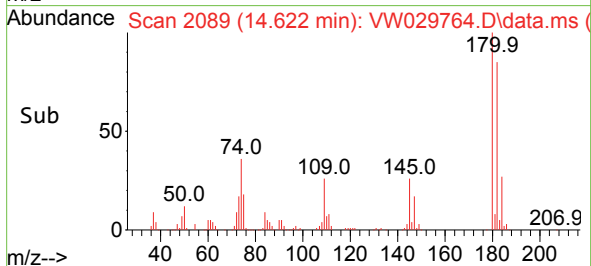
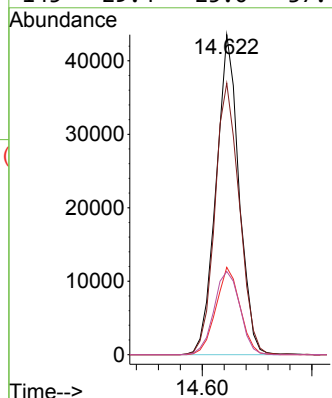
Ion Ratio Lower Upper

180 100

182 90.2 72.7 109.1

184 28.7 23.3 34.9

145 29.4 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 12.415 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

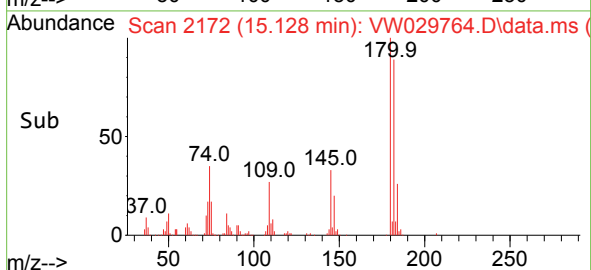
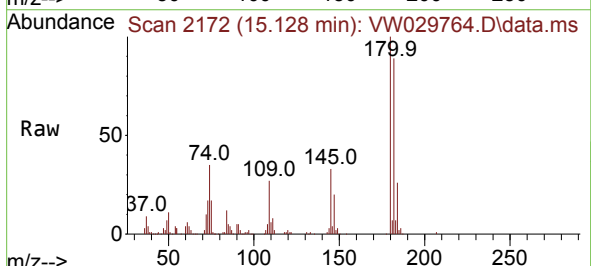
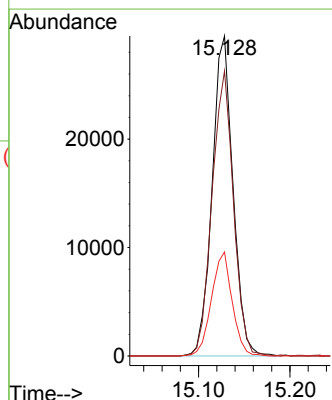
Tgt Ion:180 Resp: 46868

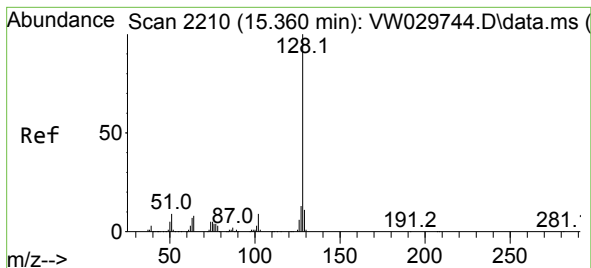
Ion Ratio Lower Upper

180 100

182 91.0 80.2 120.4

145 32.3 26.3 39.5





#71

Naphthalene

Concen: 15.265 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Instrument :

MSVOA_W

ClientSampleId :

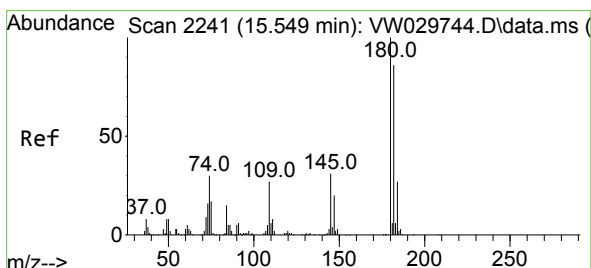
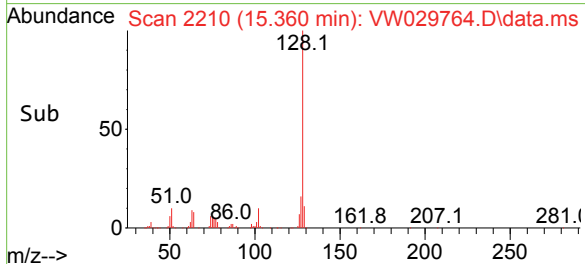
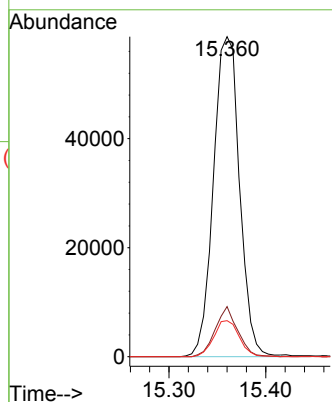
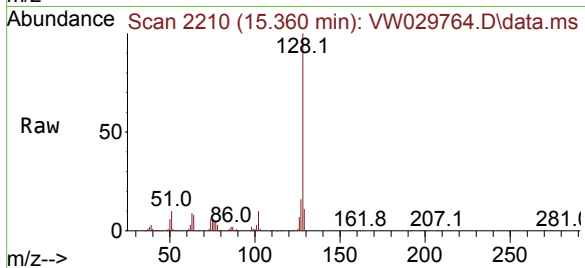
Tgt Ion:128 Resp: 109955

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 12.654 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029764.D

Acq: 26 Jul 2024 20:16

Tgt Ion:180 Resp: 43237

Ion Ratio Lower Upper

180 100

182 95.6 74.0 111.0

145 33.3 27.5 41.3

