

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042424\
 Data File : VW028544.D
 Acq On : 24 Apr 2024 16:46
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 25 02:59:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 25 02:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	316079	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	290247	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.549	152	149004	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	72666	14.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.360%
7) Chloroethane-d5	2.655	69	88	0.023	ug/L	-0.25
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.080%#
11) 1,1-Dichloroethene-d2	4.027	65	33587	15.652	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.600%
21) 2-Butanone-d5	7.081	46	51766	54.593	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.180%
24) Chloroform-d	7.648	84	166410	20.176	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.720%
26) 1,2-Dichloroethane-d4	8.306	65	91461	21.338	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.360%
32) Benzene-d6	8.276	84	301554	19.018	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.080%
36) 1,2-Dichloropropane-d6	9.276	67	95514	20.266	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.080%
41) Toluene-d8	10.324	98	277667	19.258	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.040%
43) trans-1,3-Dichloroprop...	10.574	79	38156	20.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.440%
47) 2-Hexanone-d5	10.922	63	33828	51.816	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83502	25.111	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	96299	20.436	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	79215	18.634	ug/L	93
3) Chloromethane	2.222	50	107502	21.538	ug/L	99
5) Vinyl chloride	2.375	62	129420	21.773	ug/L	100
6) Bromomethane	2.795	94	78952	21.259	ug/L	100
8) Chloroethane	2.941	64	80815	22.554	ug/L	97
9) Trichlorofluoromethane	3.271	101	113267	23.887	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	103441	23.187	ug/L	97
12) 1,1-Dichloroethene	4.045	96	95145	22.714	ug/L	89
13) Acetone	4.118	43	60965	52.363	ug/L	98
14) Carbon disulfide	4.392	76	282271	20.468	ug/L	100
15) Methyl Acetate	4.673	43	49336	26.336	ug/L	99
16) Methylene chloride	4.923	84	121783	25.463	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	101664	23.041	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	161751	26.061	ug/L	100
19) 1,1-Dichloroethane	6.221	63	206021	23.965	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	114797	24.514	ug/L	98
22) 2-Butanone	7.172	43	72475	51.293	ug/L	100
23) Bromochloromethane	7.514	128	47961	23.777	ug/L	93
25) Chloroform	7.678	83	207265	24.543	ug/L	92

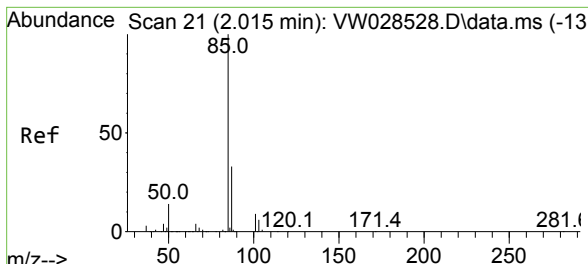
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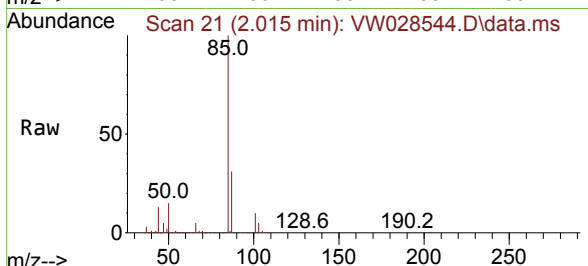
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	145410	24.947	ug/L	99
29) Cyclohexane	7.959	56	181389	23.659	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	168335	23.914	ug/L	99
31) Carbon tetrachloride	8.069	117	149272	23.913	ug/L	98
33) Benzene	8.325	78	436994	24.081	ug/L	100
34) Trichloroethene	9.093	95	115976	23.582	ug/L	96
35) Methylcyclohexane	9.337	83	197049	23.480	ug/L	99
37) 1,2-Dichloropropane	9.367	63	115878	24.499	ug/L	100
38) Bromodichloromethane	9.642	83	144834	24.705	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	171284	24.695	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	141649	59.825	ug/L	98
42) Toluene	10.385	91	469483	24.420	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	143241	25.528	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	81802	25.564	ug/L	96
46) Tetrachloroethene	10.861	164	85611	23.305	ug/L	92
48) 2-Hexanone	10.964	43	109810	58.427	ug/L	99
49) Dibromochloromethane	11.123	129	86912	25.412	ug/L	99
50) 1,2-Dibromoethane	11.233	107	73174	25.054	ug/L #	95
51) Chlorobenzene	11.653	112	292877	24.509	ug/L	96
52) Ethylbenzene	11.727	91	540818	24.816	ug/L	99
53) m,p-Xylene	11.836	106	197169	24.329	ug/L	97
54) o-Xylene	12.159	106	190676	25.268	ug/L	99
55) Styrene	12.178	104	327233	25.479	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	97828	27.014	ug/L	98
59) Bromoform	12.348	173	49338	25.085	ug/L	98
60) Isopropylbenzene	12.458	105	527344	23.607	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	72306	26.542	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	348777	24.497	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	428131	24.986	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	223038	23.531	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	224246	23.258	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	202449	24.282	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15360	24.605	ug/L	88
69) 1,3,5-Trichlorobenzene	14.616	180	157449	24.140	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	130193	25.561	ug/L	97
71) Naphthalene	15.360	128	242470	26.898	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	110311	24.406	ug/L	98

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

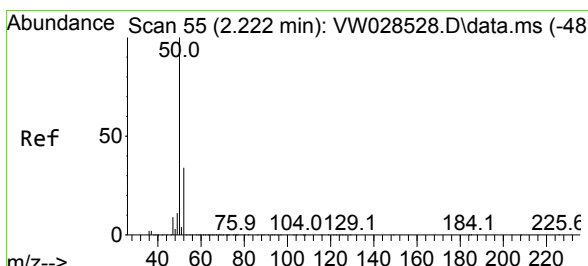
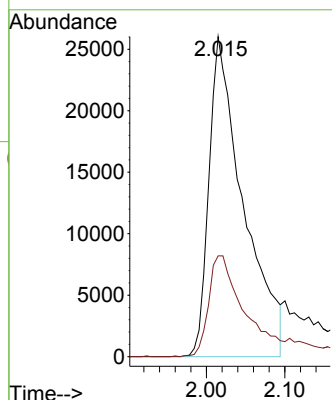
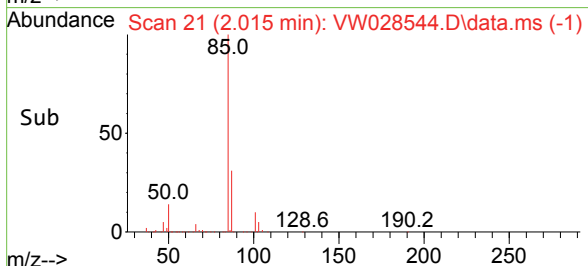


#2
 Dichlorodifluoromethane
 Concen: 18.634 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028544.D
 Acq: 24 Apr 2024 16:46

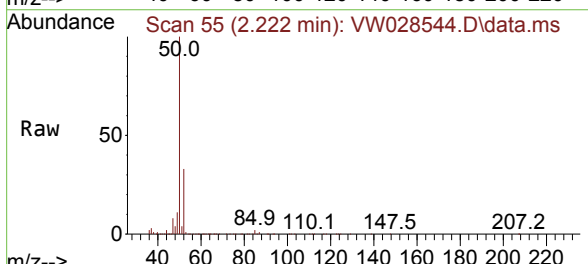
Instrument :
 MSVOA_W
 ClientSampleId :



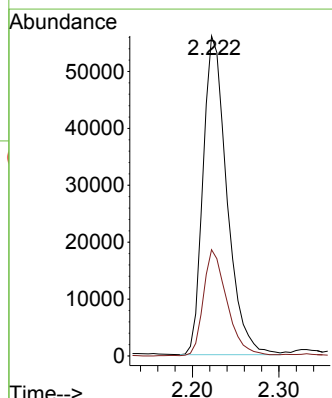
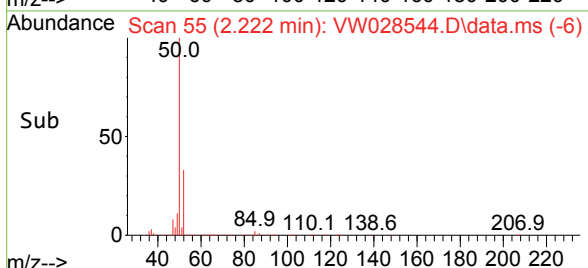
Tgt Ion: 85 Resp: 79215
 Ion Ratio Lower Upper
 85 100
 87 33.0 23.4 35.0

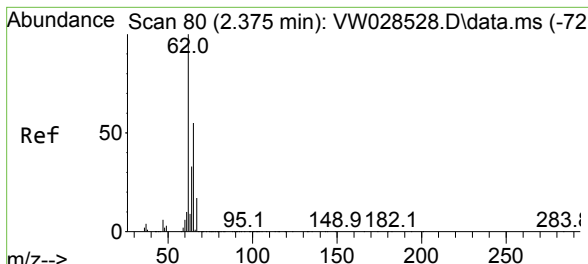


#3
 Chloromethane
 Concen: 21.538 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028544.D
 Acq: 24 Apr 2024 16:46



Tgt Ion: 50 Resp: 107502
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.6

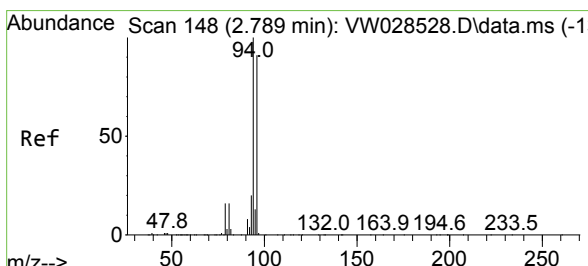
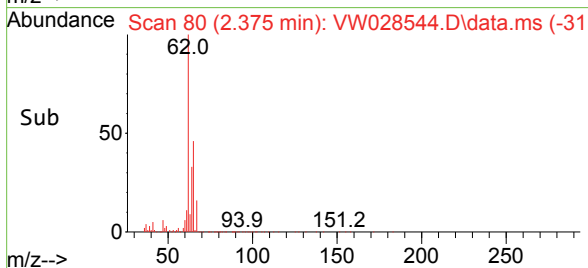
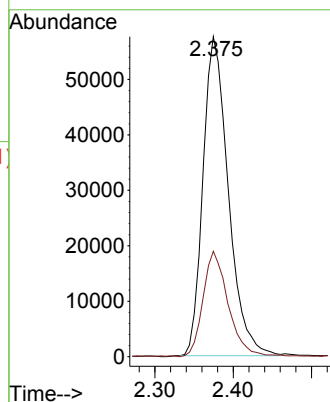
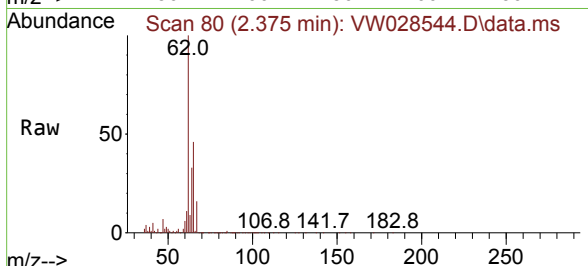




#5
 Vinyl chloride
 Concen: 21.773 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028544.D
 Acq: 24 Apr 2024 16:46

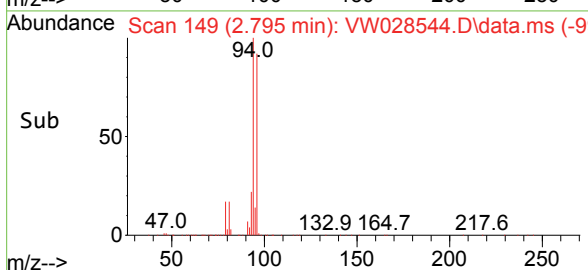
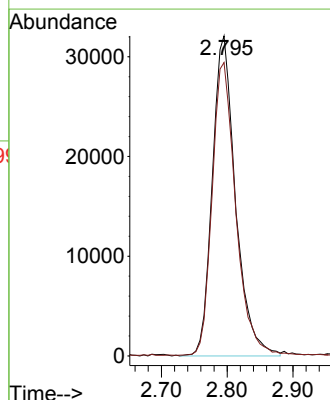
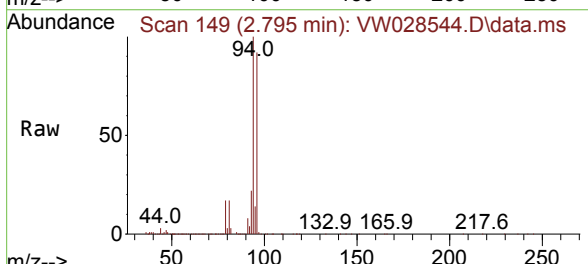
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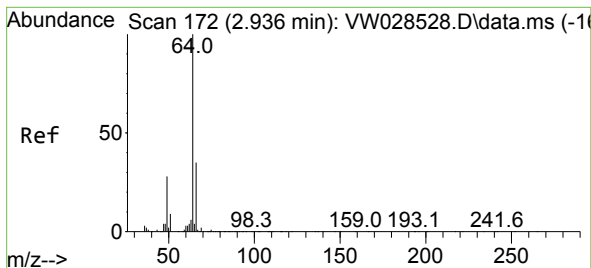
Tgt Ion: 62 Resp: 129420
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#6
 Bromomethane
 Concen: 21.259 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028544.D
 Acq: 24 Apr 2024 16:46

Tgt Ion: 94 Resp: 78952
 Ion Ratio Lower Upper
 94 100
 96 91.7 64.3 119.5





#8

Chloroethane

Concen: 22.554 ug/L

RT: 2.941 min Scan# 172

Delta R.T. 0.006 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

Instrument :

MSVOA_W

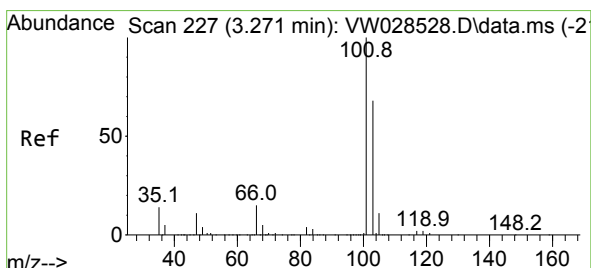
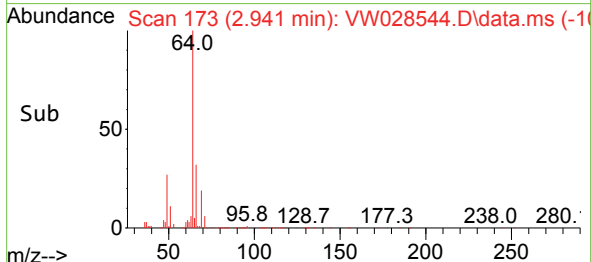
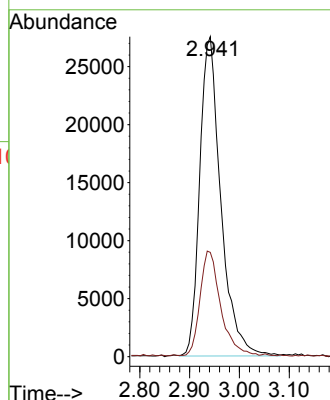
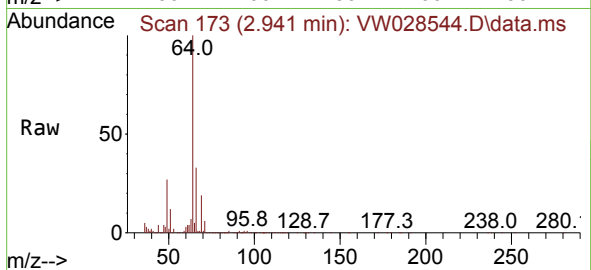
ClientSampleId :

Tgt Ion: 64 Resp: 80815

Ion Ratio Lower Upper

64 100

66 32.6 21.7 40.3



#9

Trichlorofluoromethane

Concen: 23.887 ug/L

RT: 3.271 min Scan# 227

Delta R.T. -0.000 min

Lab File: VW028544.D

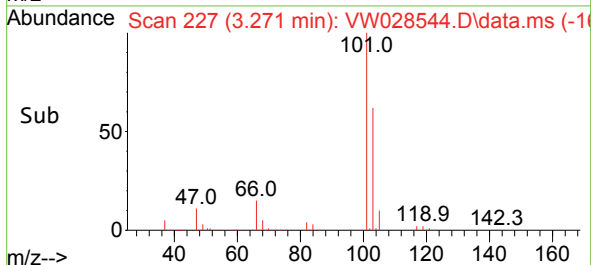
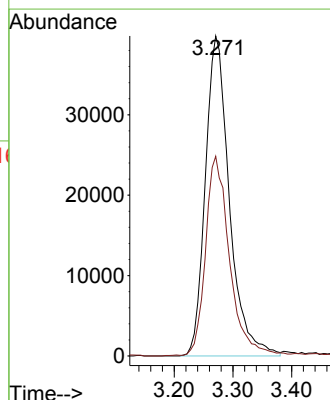
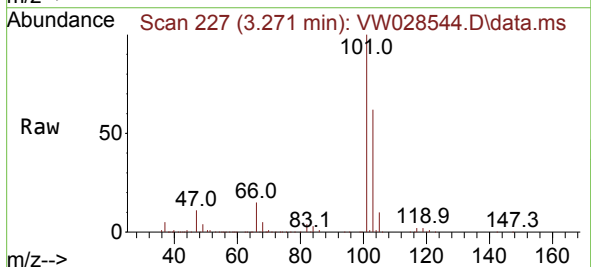
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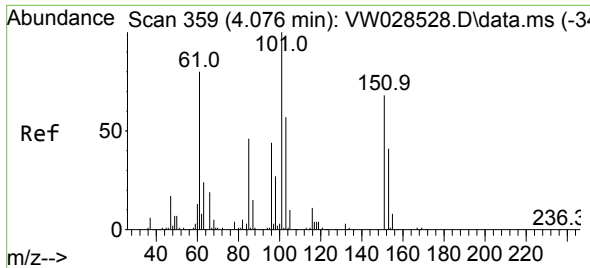
Tgt Ion: 101 Resp: 113267

Ion Ratio Lower Upper

101 100

103 61.6 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.187 ug/L

RT: 4.075 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

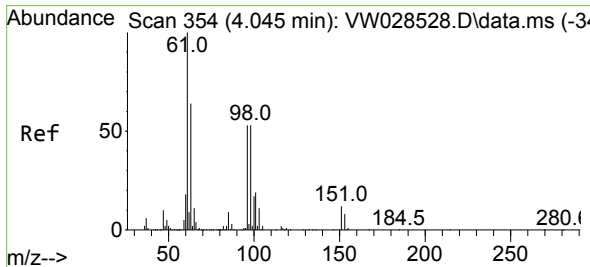
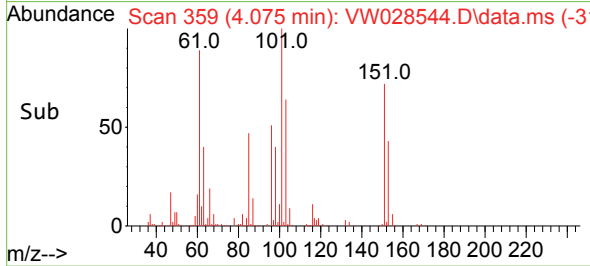
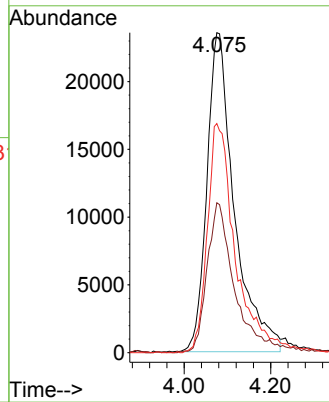
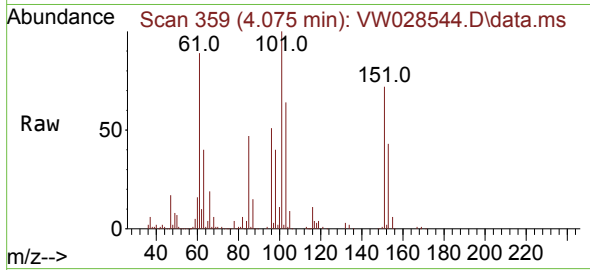
Tgt Ion:101 Resp: 103441

Ion Ratio Lower Upper

101 100

85 45.5 34.5 51.7

151 73.4 57.5 86.3



#12

1,1-Dichloroethene

Concen: 22.714 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

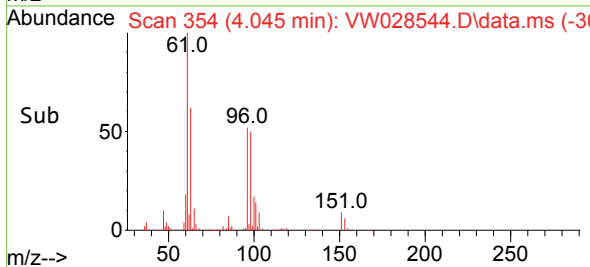
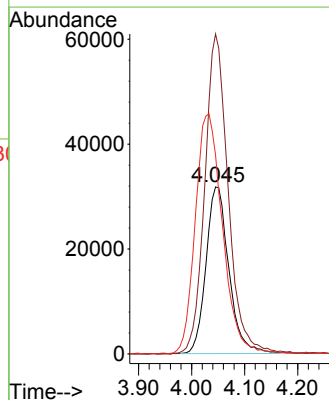
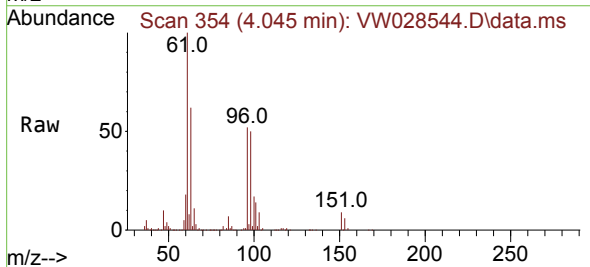
Tgt Ion: 96 Resp: 95145

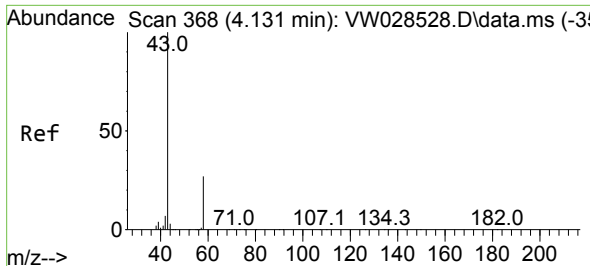
Ion Ratio Lower Upper

96 100

61 191.6 130.5 242.5

63 119.1 101.5 188.5

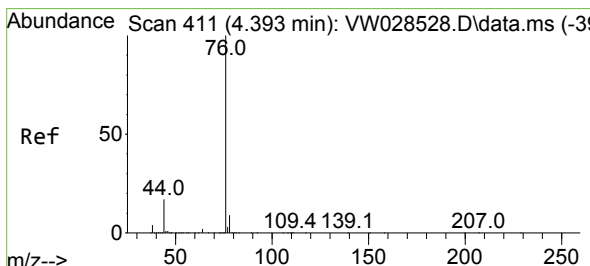
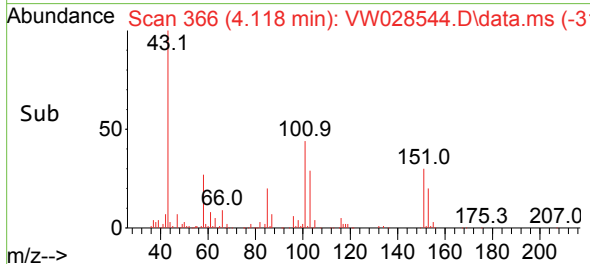
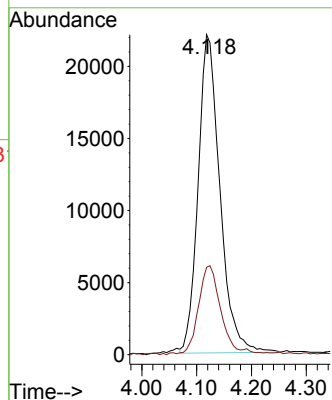
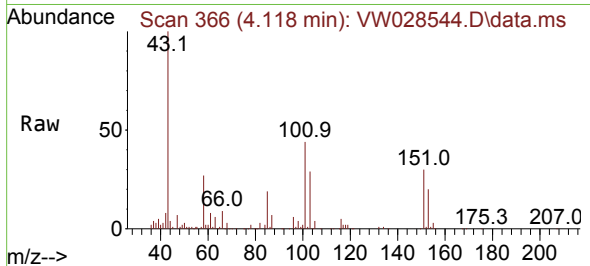




#13
Acetone
Concen: 52.363 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

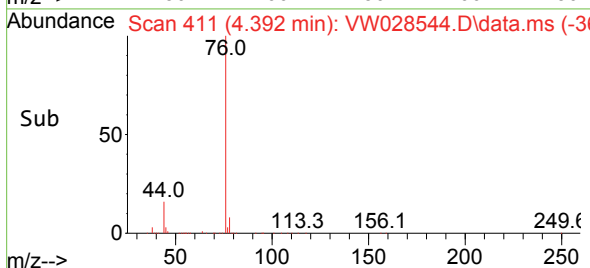
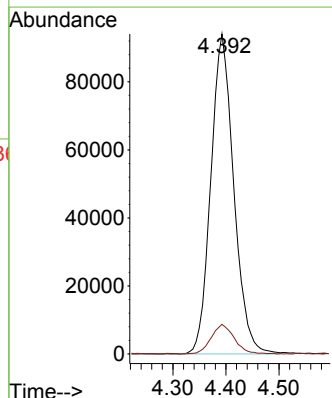
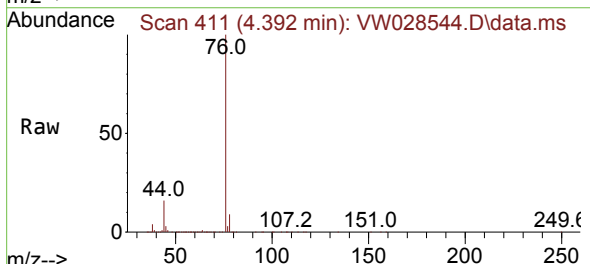
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MSVOA_W
ClientSampleId :

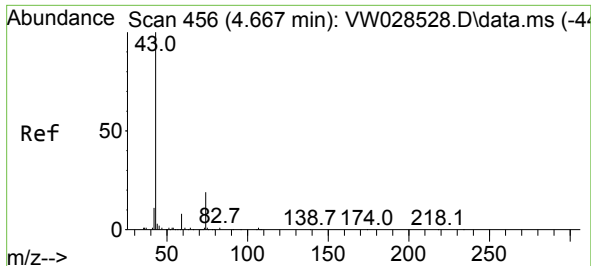
Tgt Ion: 43 Resp: 60965
Ion Ratio Lower Upper
43 100
58 27.5 0.0 53.4



#14
Carbon disulfide
Concen: 20.468 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

Tgt Ion: 76 Resp: 282271
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

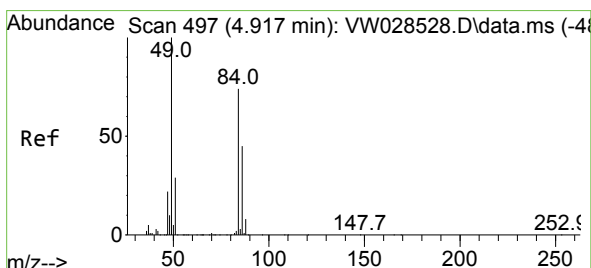
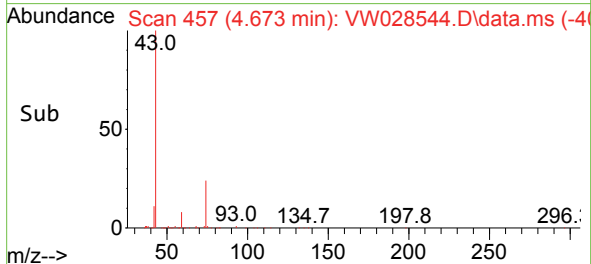
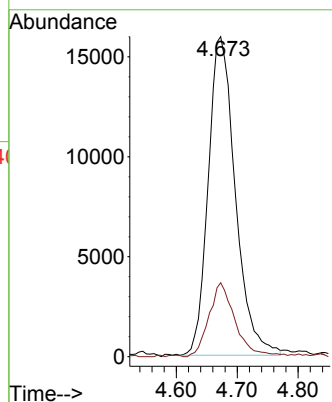
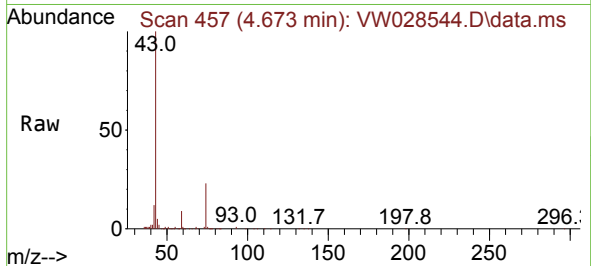




#15
Methyl Acetate
Concen: 26.336 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

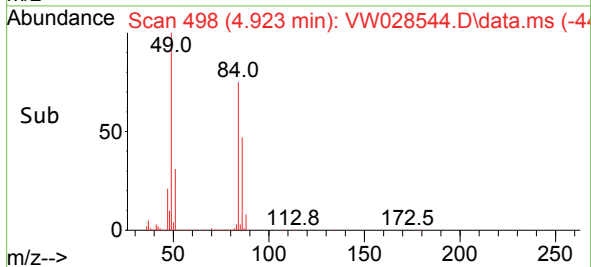
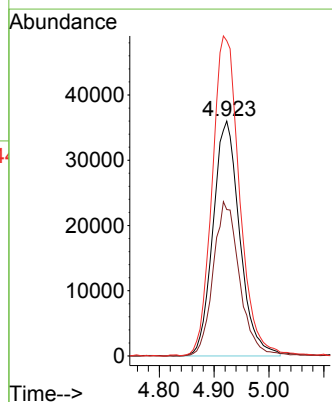
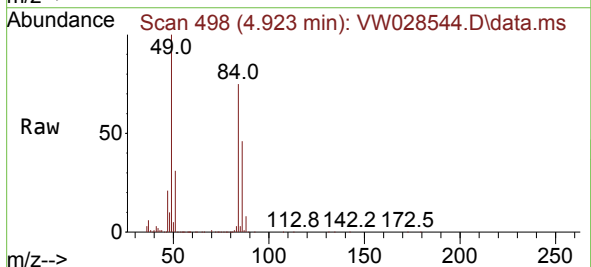
Instrument :
MSVOA_W
ClientSampleId :

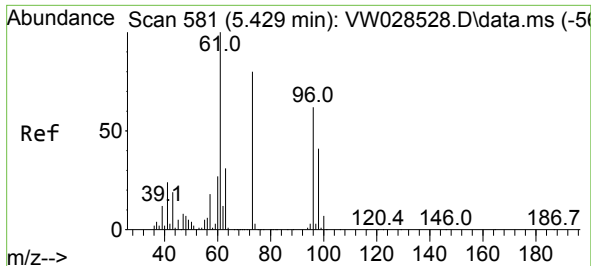
Tgt Ion: 43 Resp: 49336
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.0



#16
Methylene chloride
Concen: 25.463 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

Tgt Ion: 84 Resp: 121783
Ion Ratio Lower Upper
84 100
86 62.3 44.2 82.0
49 134.2 95.0 176.4

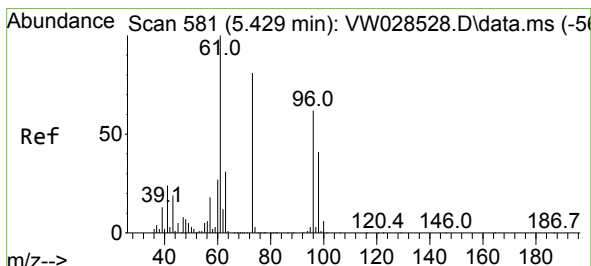
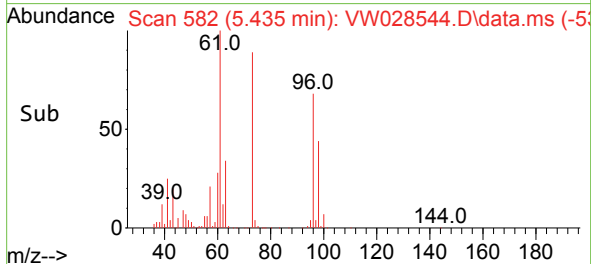
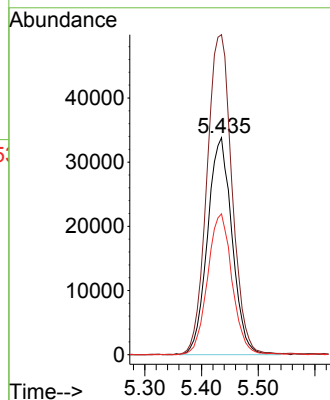
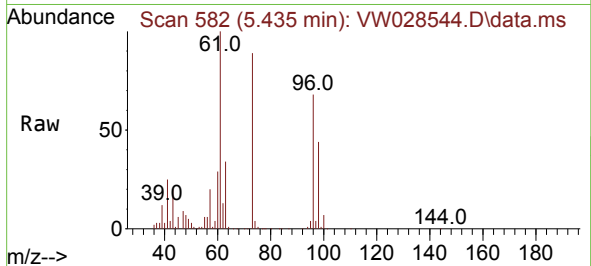




#17
trans-1,2-Dichloroethene
Concen: 23.041 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

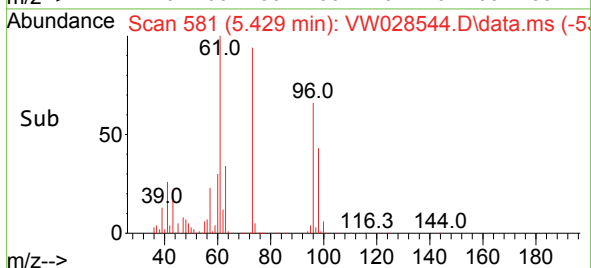
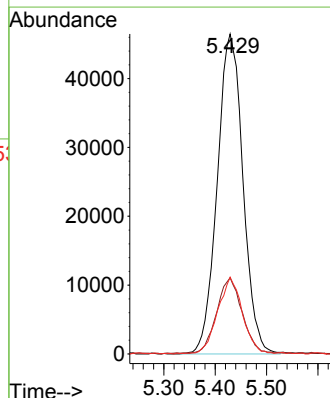
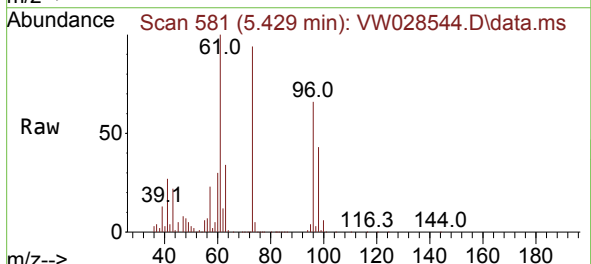
Instrument :
MSVOA_W
ClientSampleId :

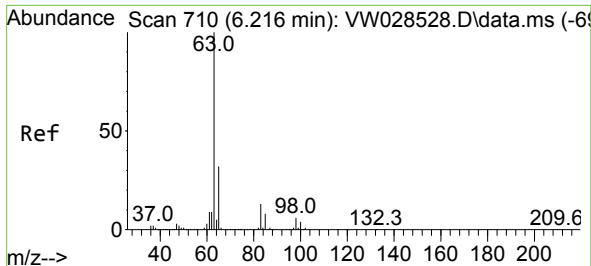
Tgt Ion: 96 Resp: 101664
Ion Ratio Lower Upper
96 100
61 147.5 108.4 201.4
98 64.9 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 26.061 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

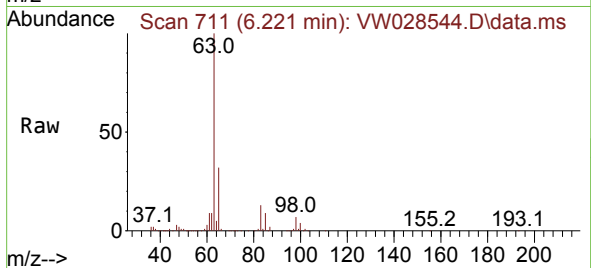
Tgt Ion: 73 Resp: 161751
Ion Ratio Lower Upper
73 100
43 23.1 18.5 27.7
57 22.7 18.2 27.4



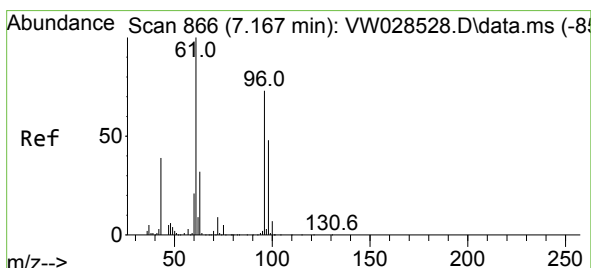
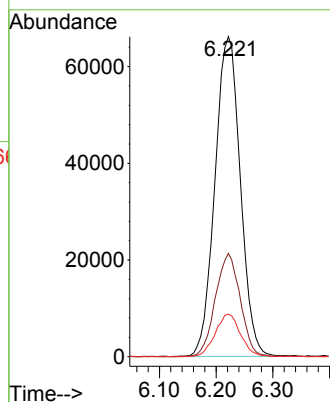
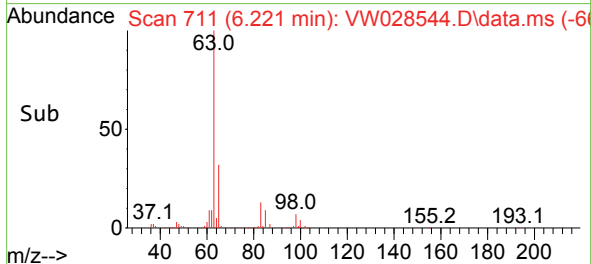


#19
 1,1-Dichloroethane
 Concen: 23.965 ug/L
 RT: 6.221 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: VW028544.D
 Acq: 24 Apr 2024 16:46

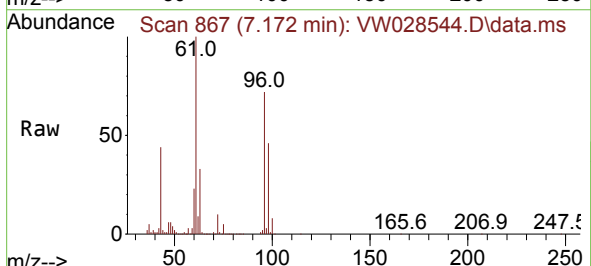
Instrument :
 MSVOA_W
 ClientSampleId :



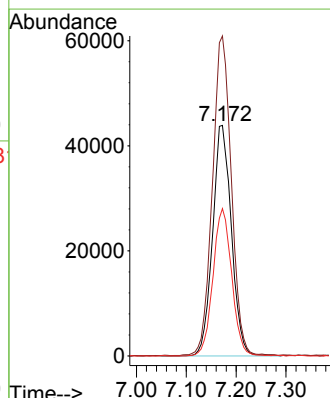
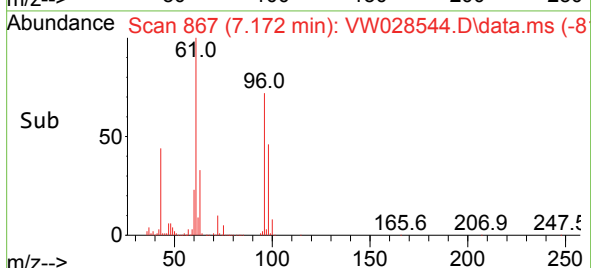
Tgt Ion: 63 Resp: 206021
 Ion Ratio Lower Upper
 63 100
 65 32.3 21.8 40.4
 83 13.3 9.0 16.8

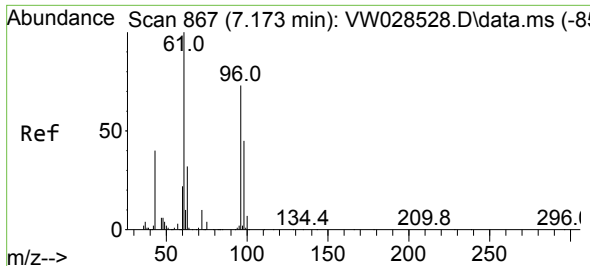


#20
 cis-1,2-Dichloroethene
 Concen: 24.514 ug/L
 RT: 7.172 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW028544.D
 Acq: 24 Apr 2024 16:46



Tgt Ion: 96 Resp: 114797
 Ion Ratio Lower Upper
 96 100
 61 138.8 97.6 181.2
 98 63.9 47.7 88.5

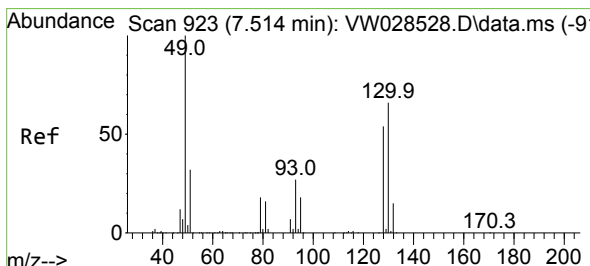
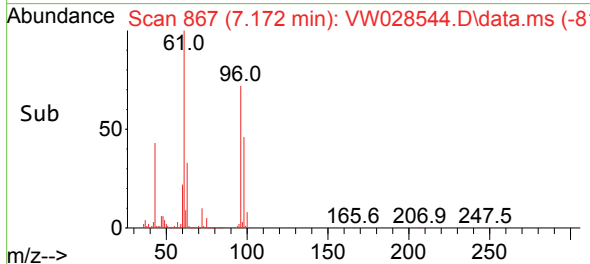
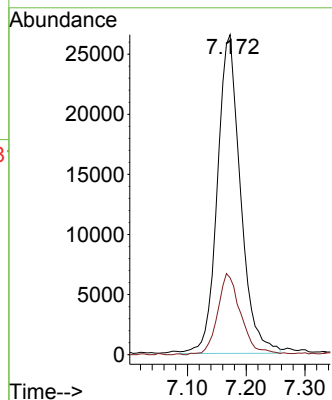
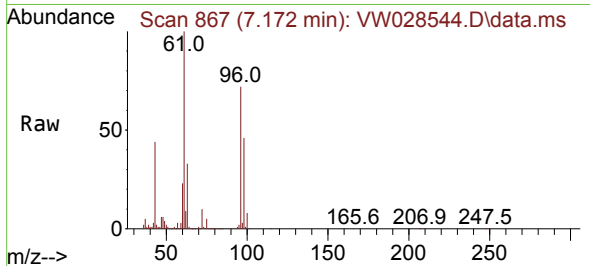




#22
2-Butanone
Concen: 51.293 ug/L
RT: 7.172 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

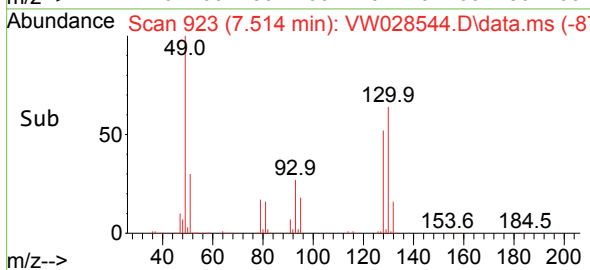
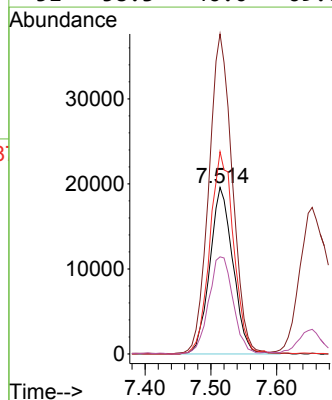
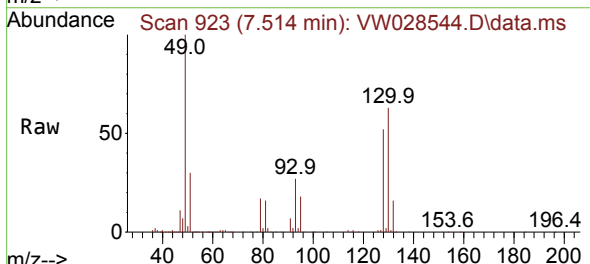
Instrument :
MSVOA_W
ClientSampleId :

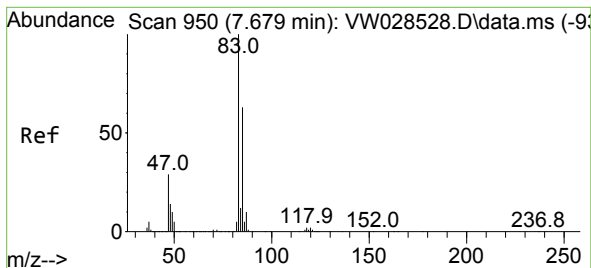
Tgt Ion: 43 Resp: 72475
Ion Ratio Lower Upper
43 100
72 25.4 12.8 38.4



#23
Bromochloromethane
Concen: 23.777 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

Tgt Ion: 128 Resp: 47961
Ion Ratio Lower Upper
128 100
49 192.2 127.1 236.0
130 121.5 78.3 145.5
51 58.3 46.0 69.0





#25

Chloroform

Concen: 24.543 ug/L

RT: 7.678 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

Instrument :

MSVOA_W

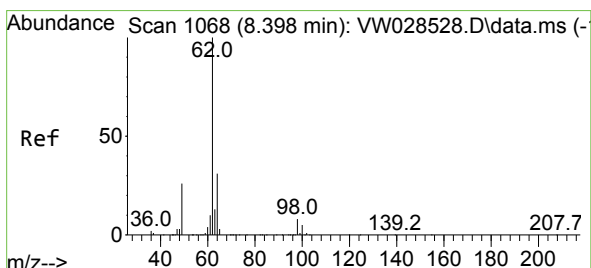
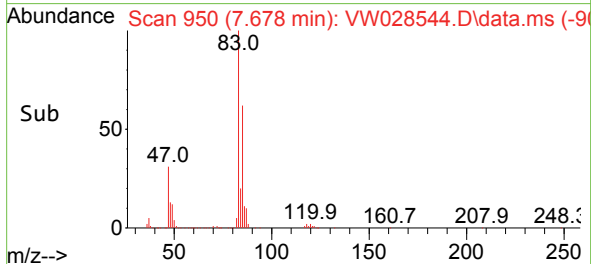
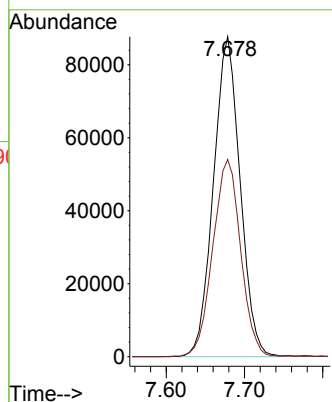
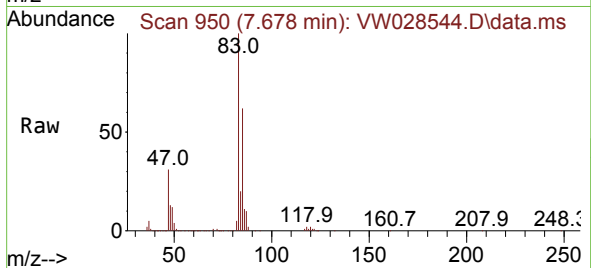
ClientSampleId :

Tgt Ion: 83 Resp: 207265

Ion Ratio Lower Upper

83 100

85 61.6 47.7 88.7



#27

1,2-Dichloroethane

Concen: 24.947 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028544.D

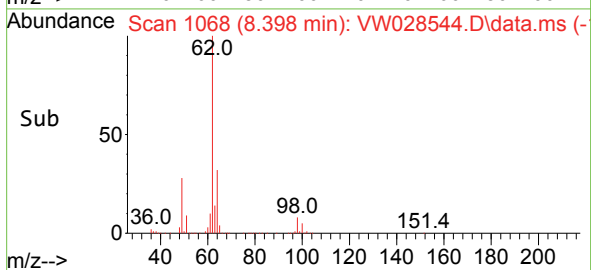
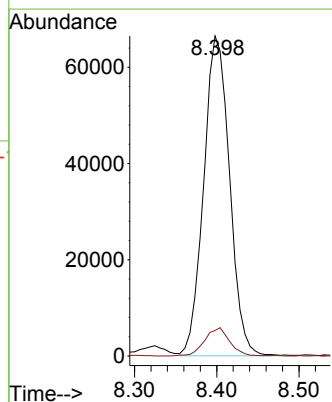
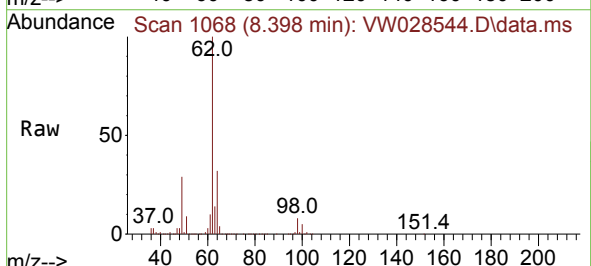
Acq: 24 Apr 2024 16:46

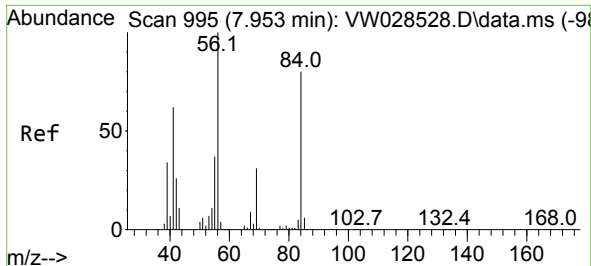
Tgt Ion: 62 Resp: 145410

Ion Ratio Lower Upper

62 100

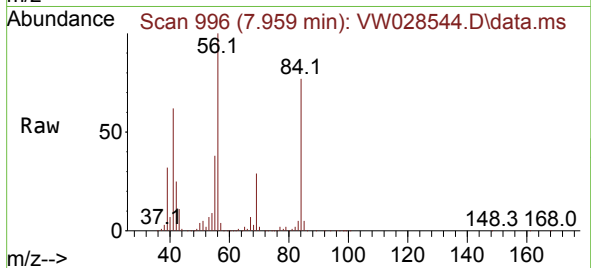
98 8.0 6.6 10.0



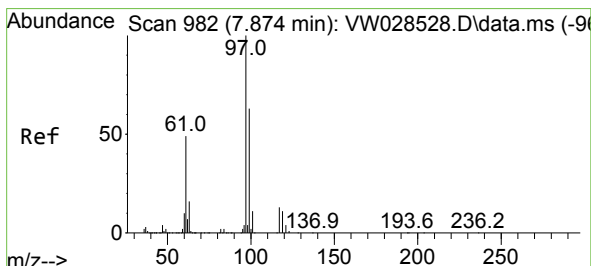
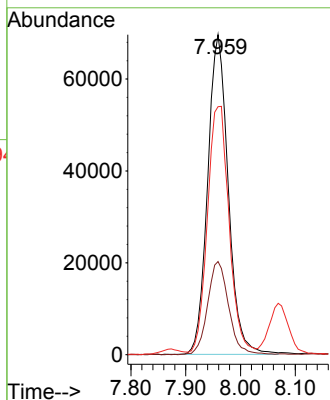
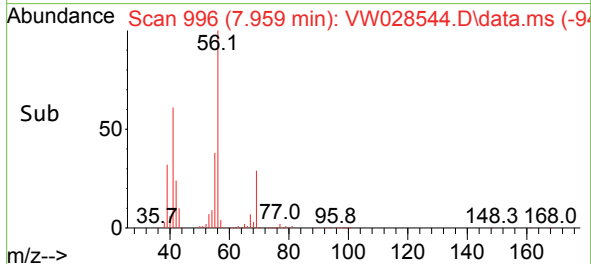


#29
Cyclohexane
Concen: 23.659 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

Instrument :
MSVOA_W
ClientSampleId :

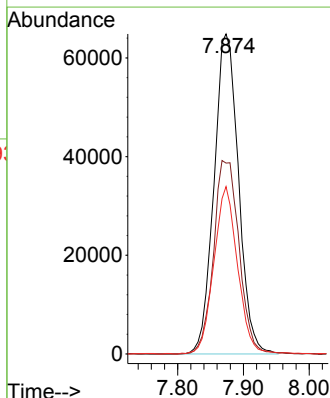
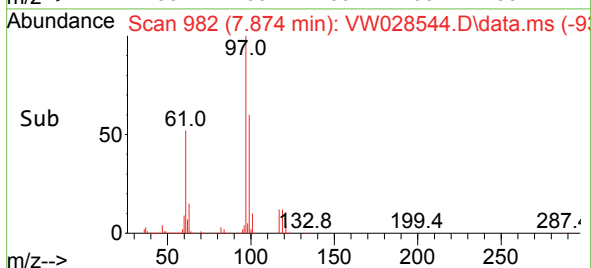
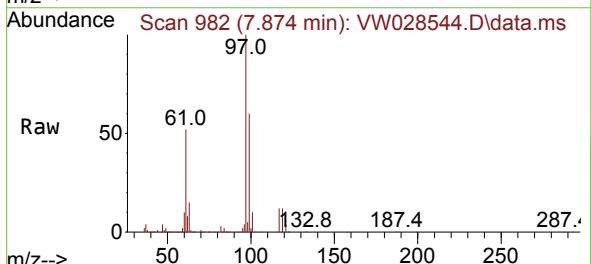


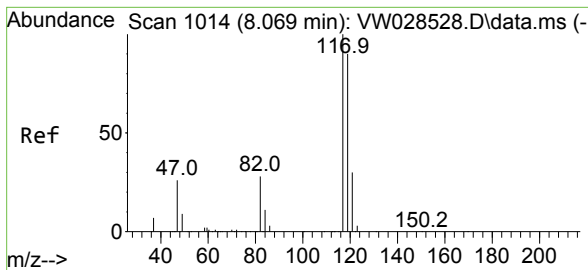
Tgt Ion: 56 Resp: 181389
Ion Ratio Lower Upper
56 100
69 29.8 23.8 35.6
84 81.9 65.9 98.9



#30
1,1,1-Trichloroethane
Concen: 23.914 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

Tgt Ion: 97 Resp: 168335
Ion Ratio Lower Upper
97 100
99 63.0 51.4 77.2
61 50.6 40.5 60.7

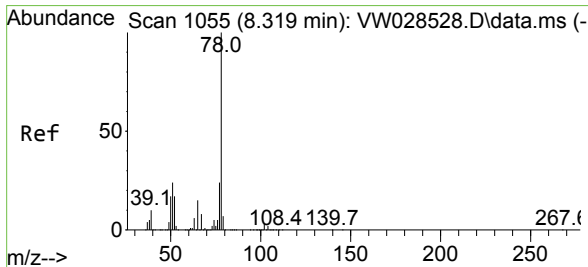
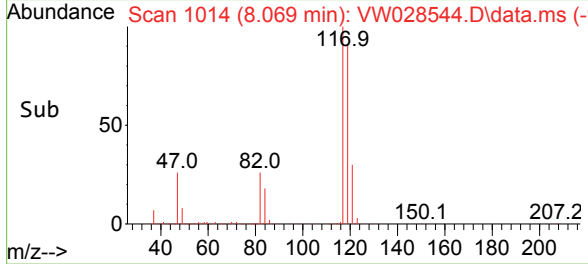
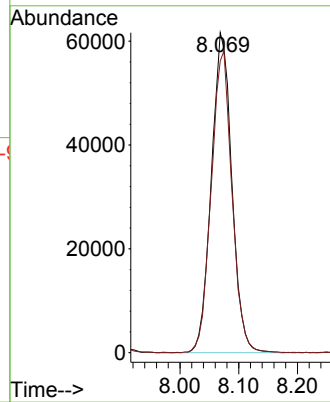
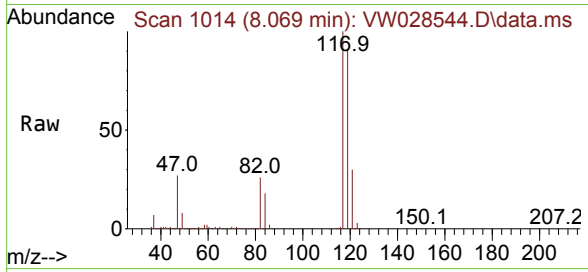




#31
Carbon tetrachloride
Concen: 23.913 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

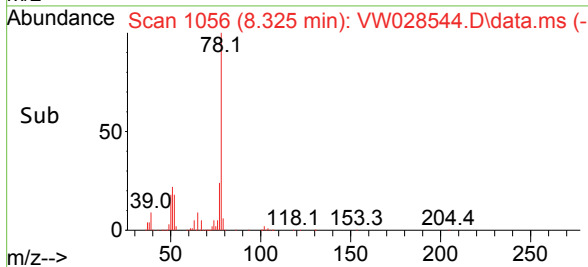
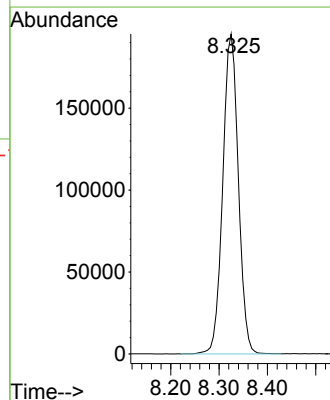
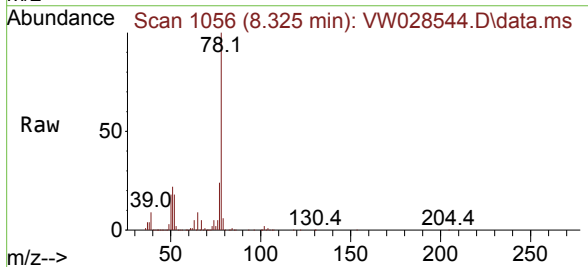
Instrument :
MSVOA_W
ClientSampleId :

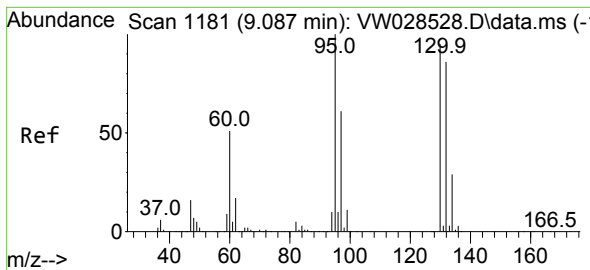
Tgt Ion:117 Resp: 149272
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.2



#33
Benzene
Concen: 24.081 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

Tgt Ion: 78 Resp: 436994





#34

Trichloroethene

Concen: 23.582 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

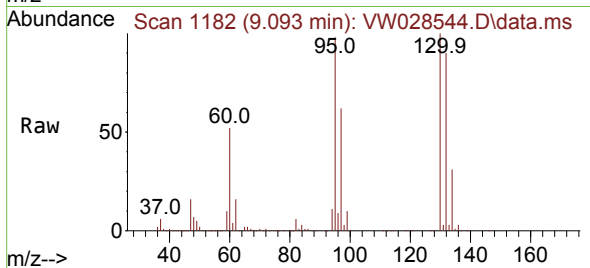
Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 115976

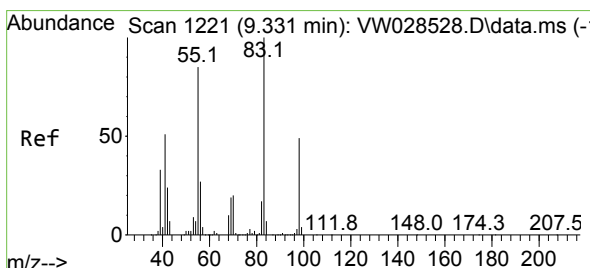
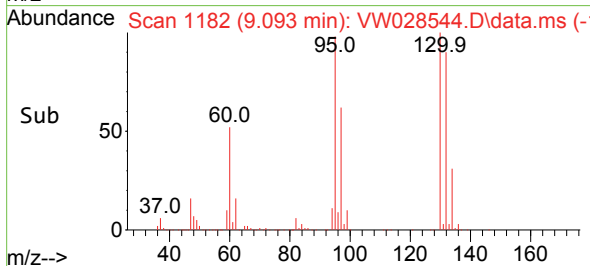
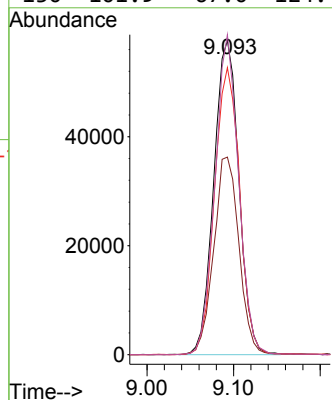
Ion Ratio Lower Upper

95 100

97 62.9 43.8 81.4

132 91.4 66.1 122.8

130 101.9 67.0 124.4



#35

Methylcyclohexane

Concen: 23.480 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

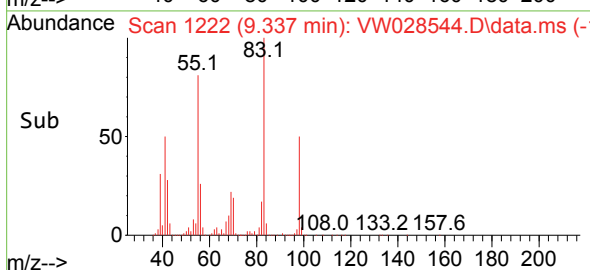
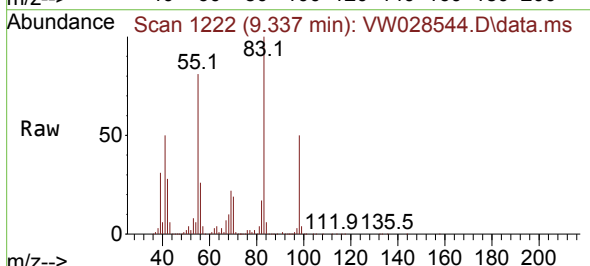
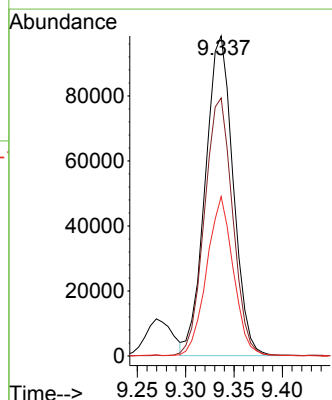
Tgt Ion: 83 Resp: 197049

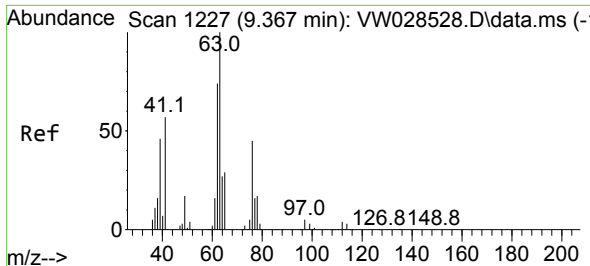
Ion Ratio Lower Upper

83 100

55 81.6 65.7 98.5

98 48.0 38.6 58.0

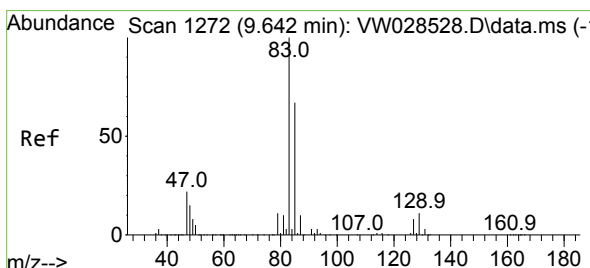
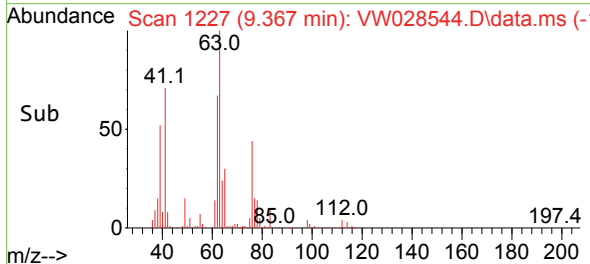
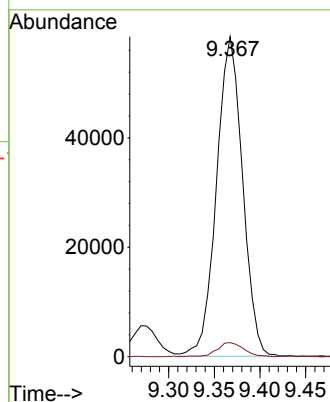
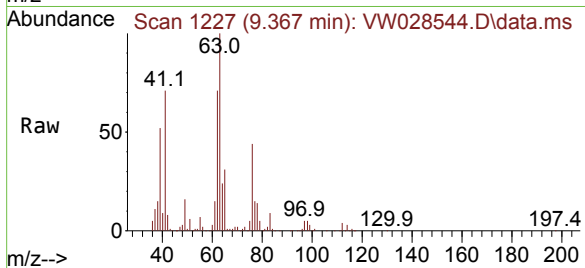




#37
1,2-Dichloropropane
Concen: 24.499 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

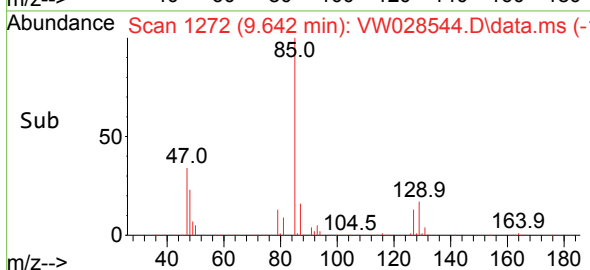
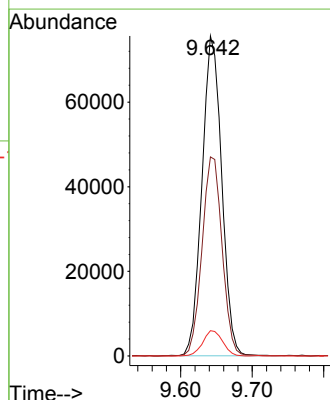
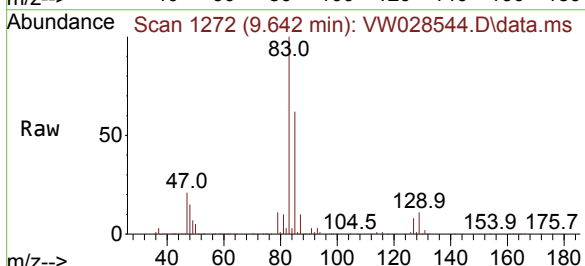
Instrument :
MSVOA_W
ClientSampleId :

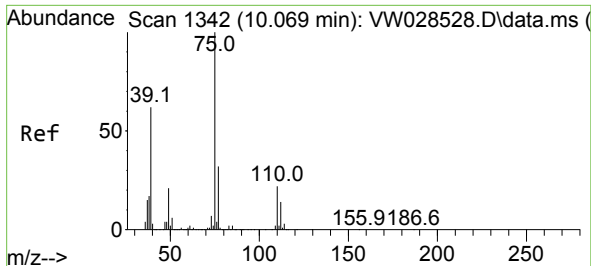
Tgt Ion: 63 Resp: 115878
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4



#38
Bromodichloromethane
Concen: 24.705 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

Tgt Ion: 83 Resp: 144834
Ion Ratio Lower Upper
83 100
85 62.2 43.1 80.1
127 7.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 24.695 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

Instrument :

MSVOA_W

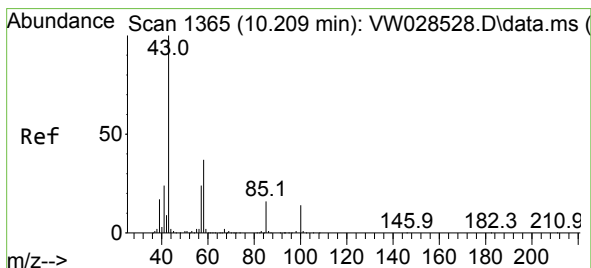
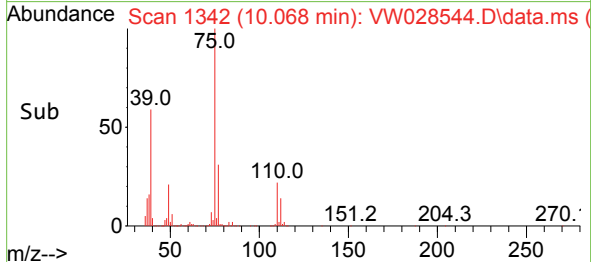
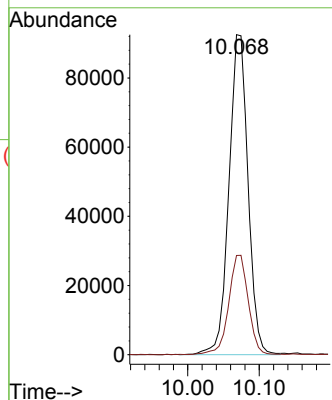
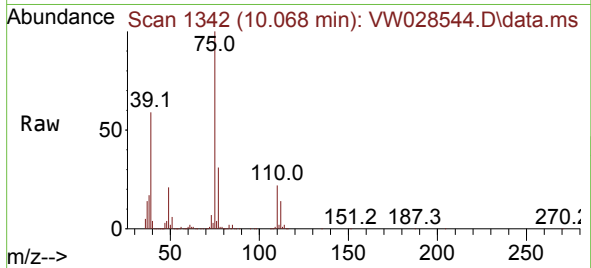
ClientSampleId :

Tgt Ion: 75 Resp: 171284

Ion Ratio Lower Upper

75 100

77 31.0 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 59.825 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

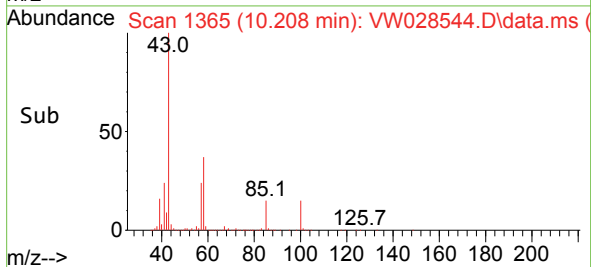
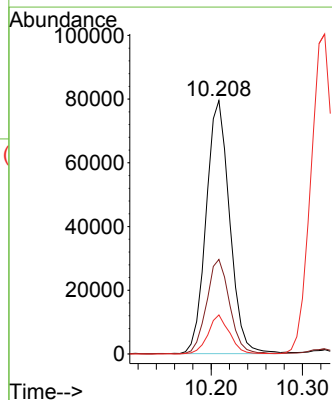
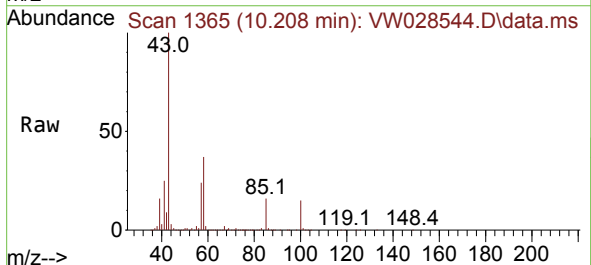
Tgt Ion: 43 Resp: 141649

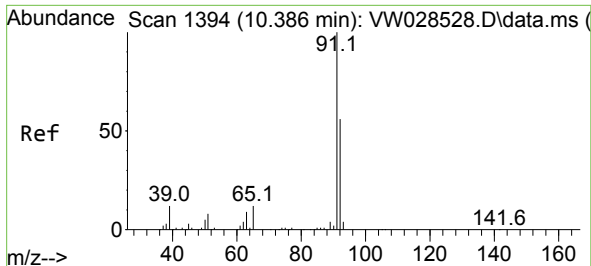
Ion Ratio Lower Upper

43 100

58 36.8 28.6 43.0

100 14.2 10.6 16.0

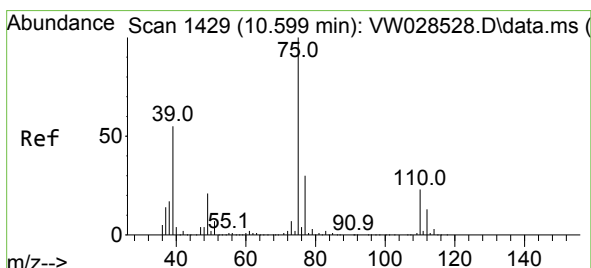
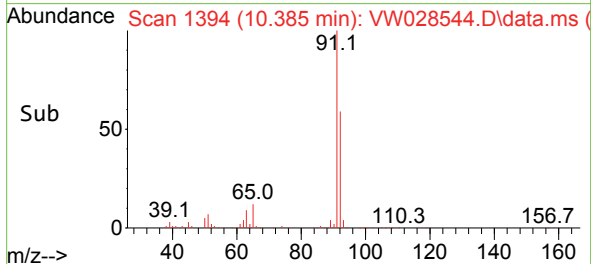
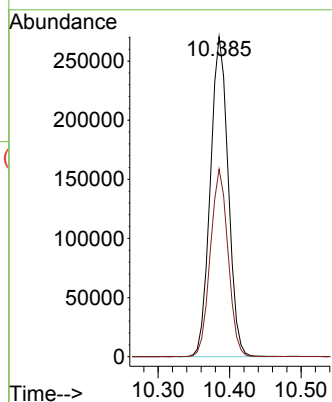
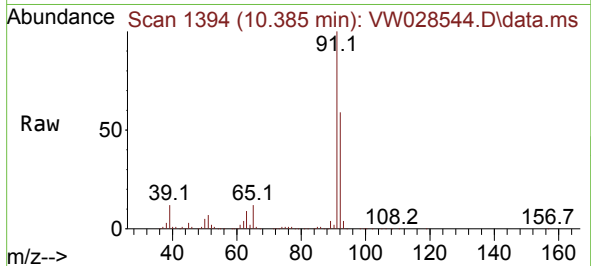




#42
Toluene
Concen: 24.420 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

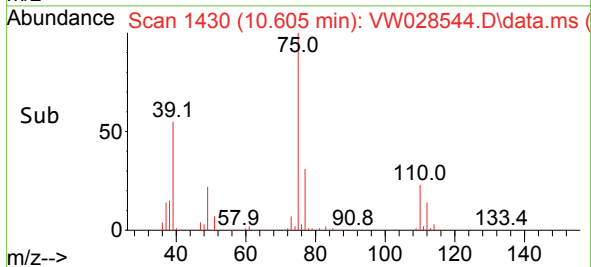
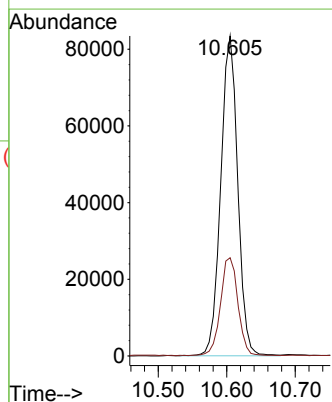
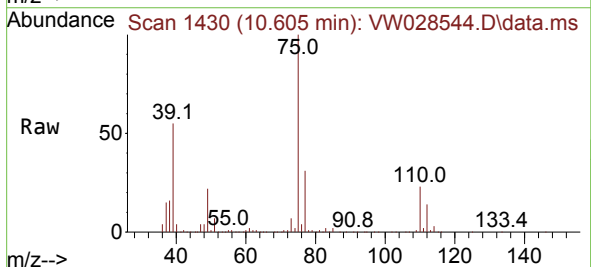
Instrument :
MSVOA_W
ClientSampleId :

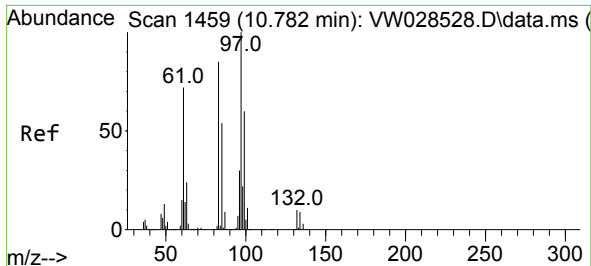
Tgt Ion: 91 Resp: 469483
Ion Ratio Lower Upper
91 100
92 58.6 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 25.528 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

Tgt Ion: 75 Resp: 143241
Ion Ratio Lower Upper
75 100
77 30.7 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 25.564 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

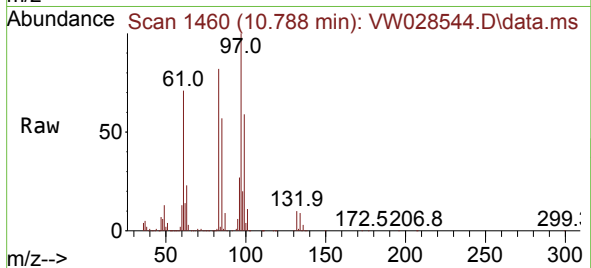
Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 81802

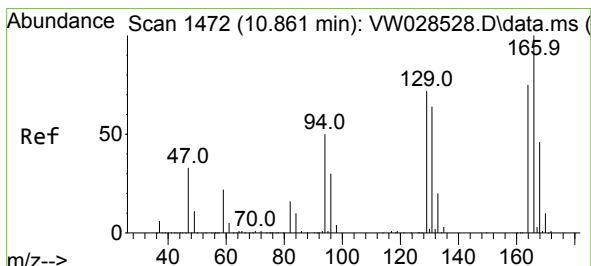
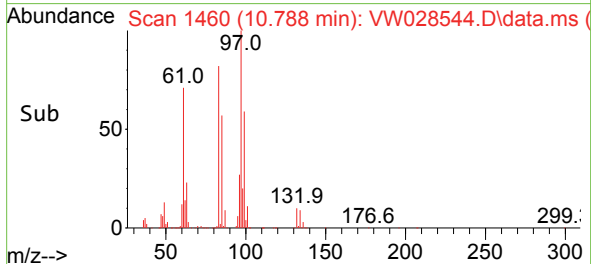
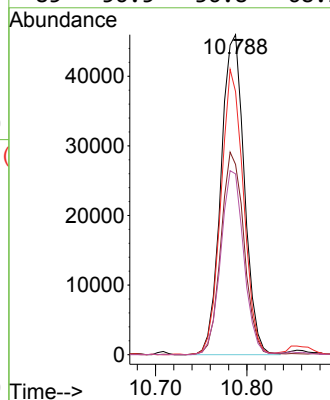
Ion Ratio Lower Upper

97 100

99 59.5 44.2 82.2

83 82.2 56.4 104.7

85 56.5 36.8 68.3



#46

Tetrachloroethene

Concen: 23.305 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

Tgt Ion:164 Resp: 85611

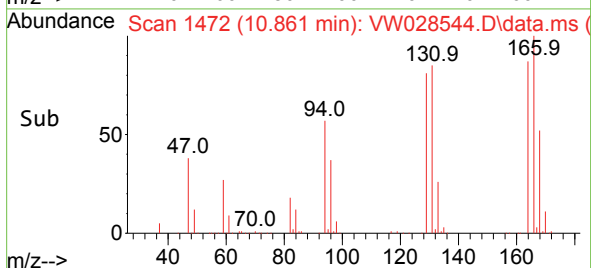
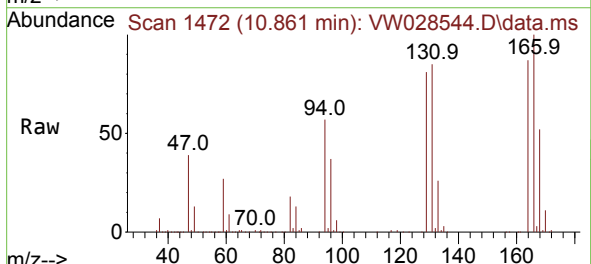
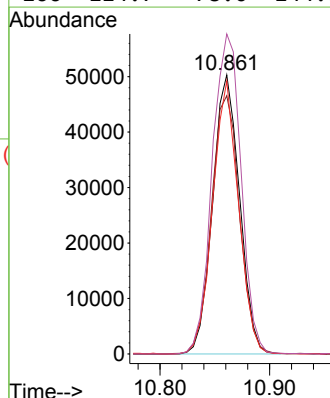
Ion Ratio Lower Upper

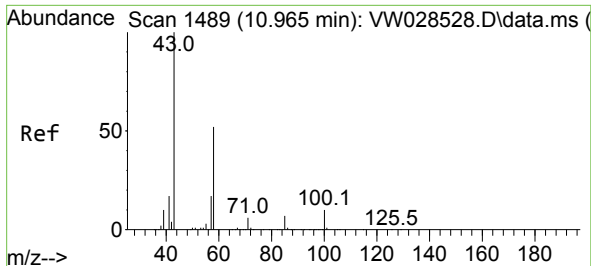
164 100

129 92.6 59.7 110.9

131 97.8 58.2 108.2

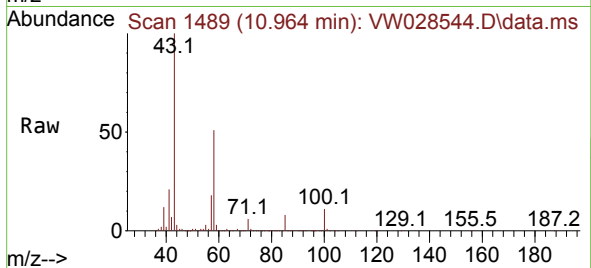
166 114.7 78.0 144.8



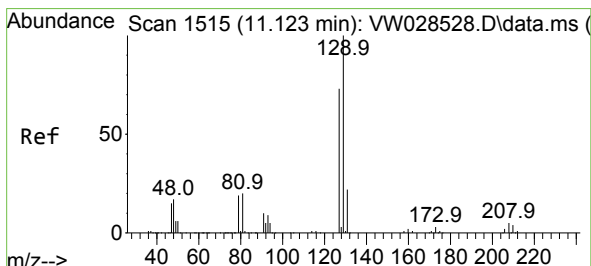
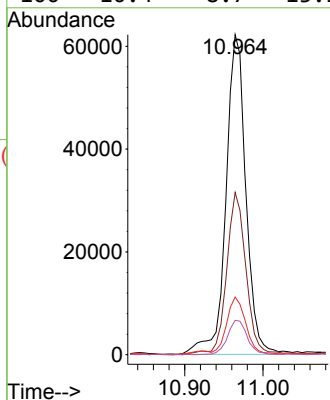
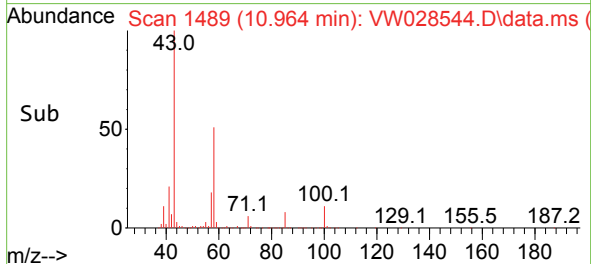


#48
2-Hexanone
Concen: 58.427 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

Instrument :
MSVOA_W
ClientSampleId :

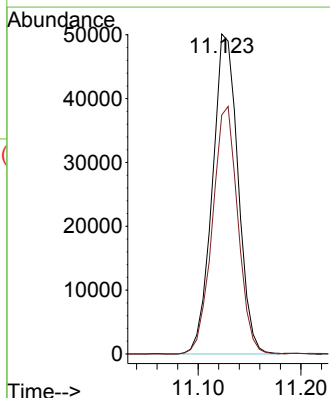
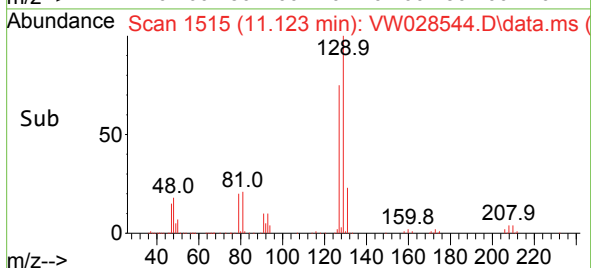
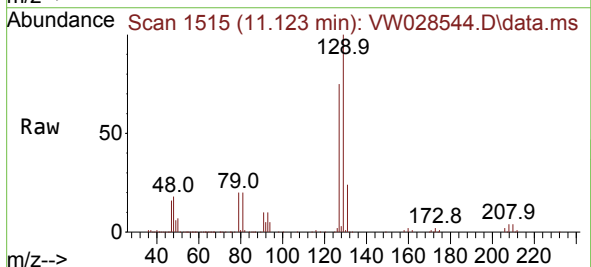


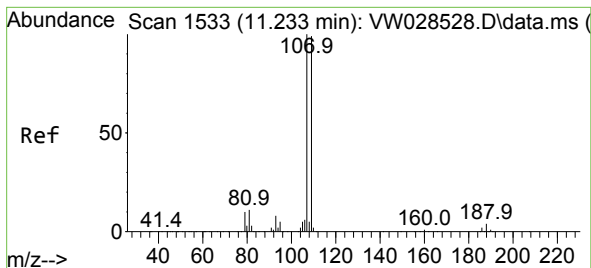
Tgt Ion: 43 Resp: 109810
Ion Ratio Lower Upper
43 100
58 47.7 38.9 58.3
57 17.2 14.4 21.6
100 10.4 8.7 13.1



#49
Dibromochloromethane
Concen: 25.412 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

Tgt Ion: 129 Resp: 86912
Ion Ratio Lower Upper
129 100
127 74.6 53.0 98.4





#50

1,2-Dibromoethane

Concen: 25.054 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028544.D

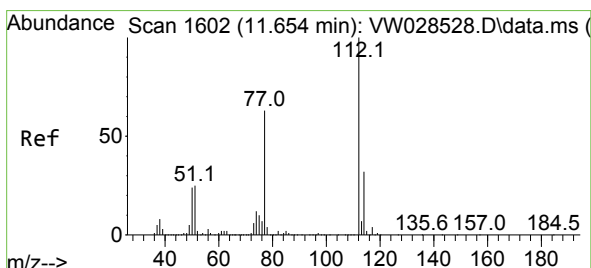
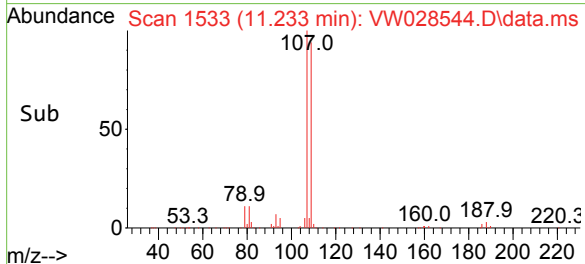
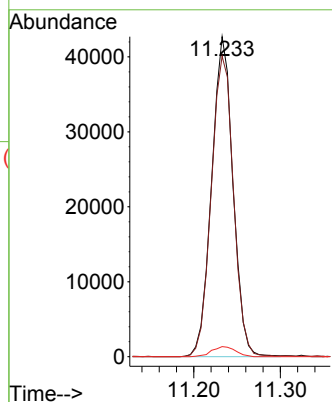
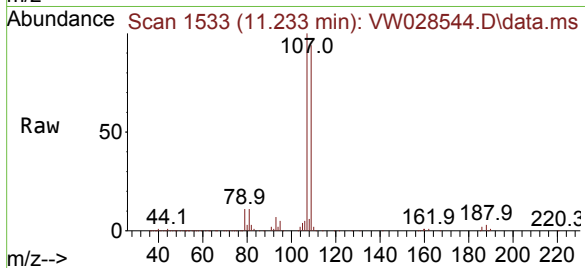
Acq: 24 Apr 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	73174
Ion	Ratio	Lower	Upper
107	100		
109	93.9	62.1	115.3
188	3.2	3.2	4.8#



#51

Chlorobenzene

Concen: 24.509 ug/L

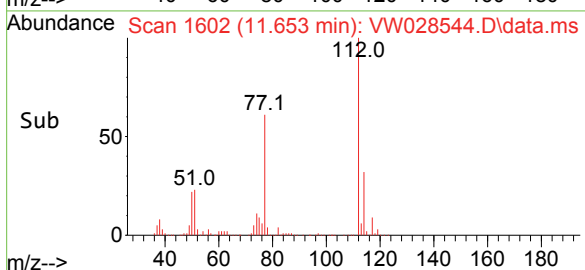
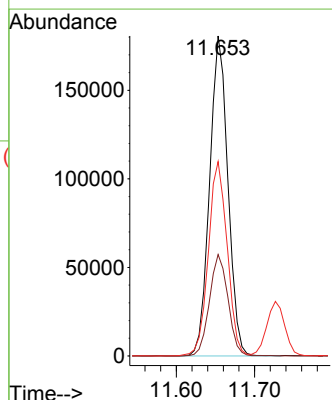
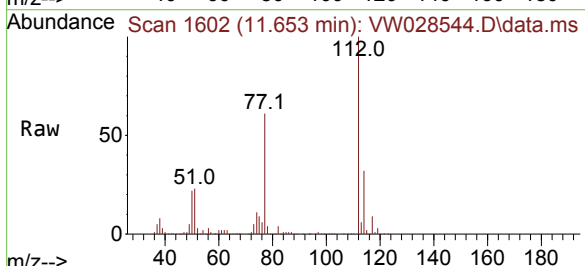
RT: 11.653 min Scan# 1602

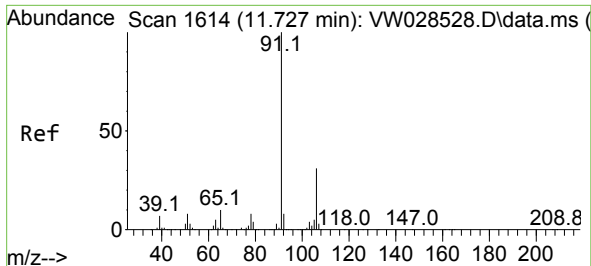
Delta R.T. -0.000 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

Tgt Ion:	112	Resp:	292877
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.3	41.3
77	60.7	51.8	77.8

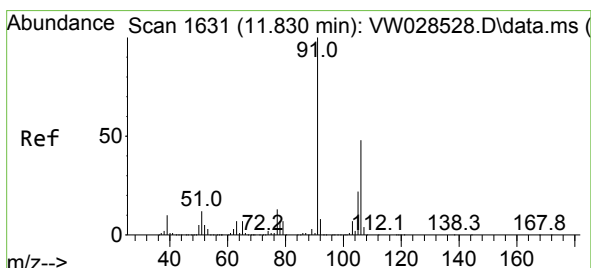
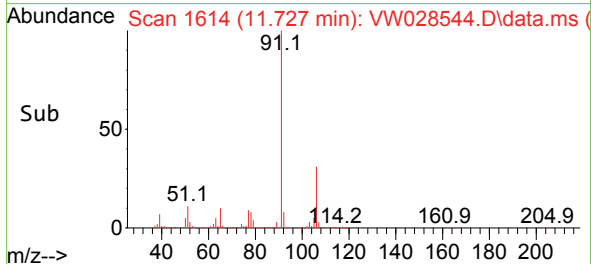
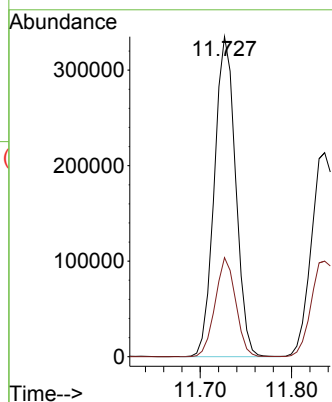
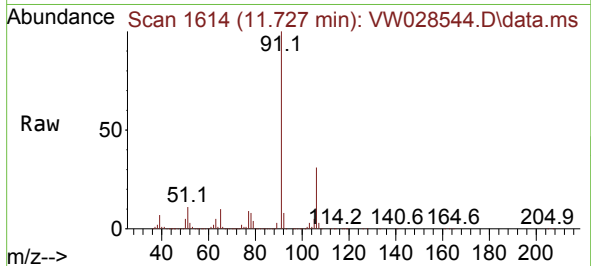




#52
Ethylbenzene
Concen: 24.816 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

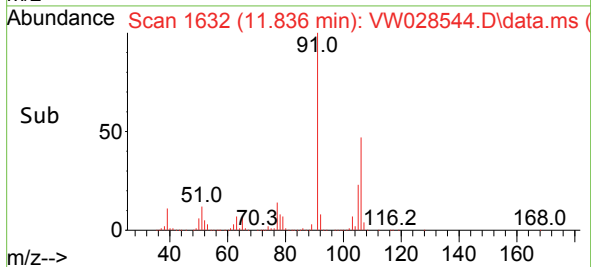
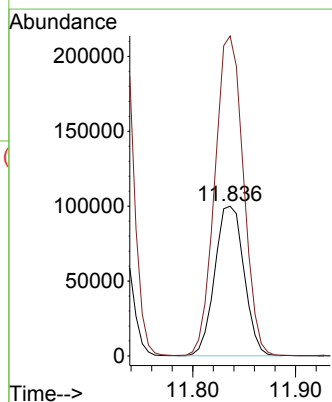
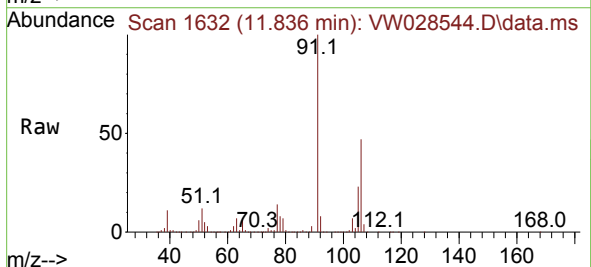
Instrument :
MSVOA_W
ClientSampleId :

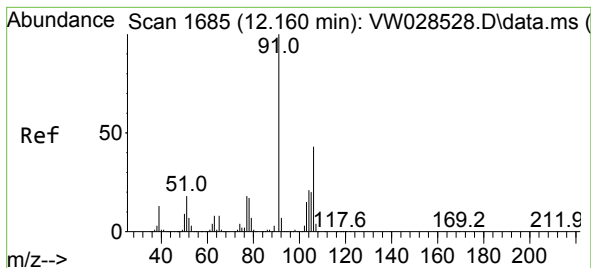
Tgt Ion: 91 Resp: 540818
Ion Ratio Lower Upper
91 100
106 31.0 21.2 39.4



#53
m,p-Xylene
Concen: 24.329 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

Tgt Ion: 106 Resp: 197169
Ion Ratio Lower Upper
106 100
91 213.6 152.4 283.0

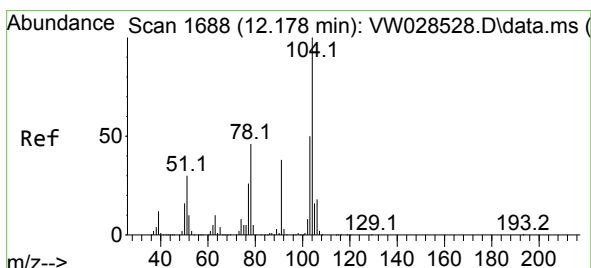
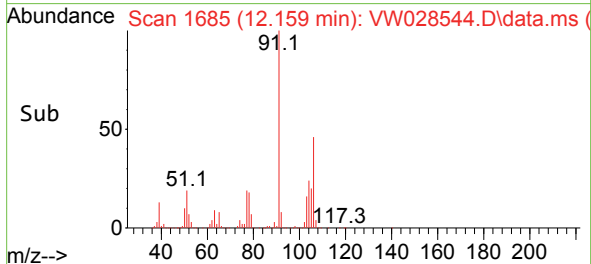
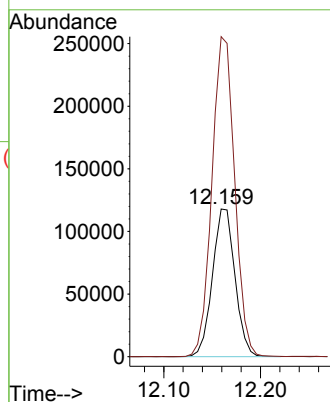
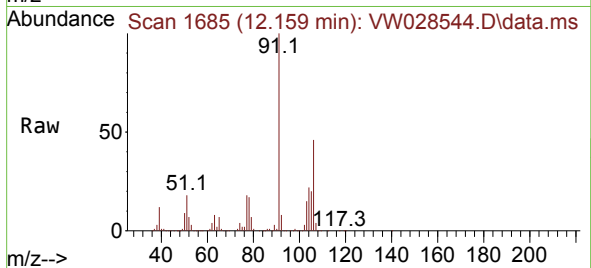




#54
o-Xylene
Concen: 25.268 ug/L
RT: 12.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

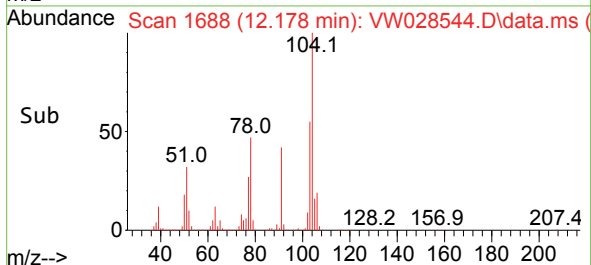
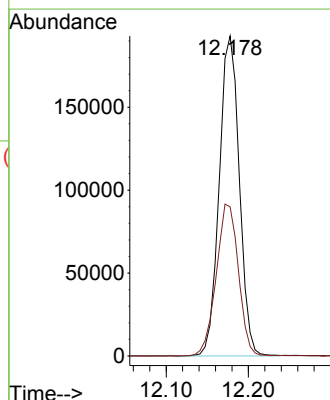
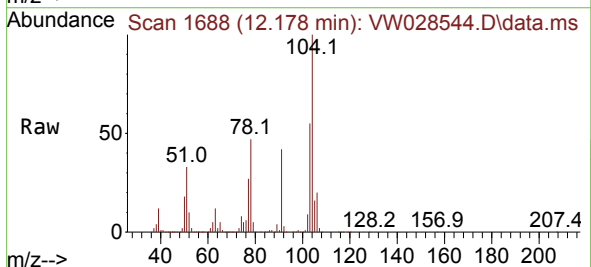
Instrument :
MSVOA_W
ClientSampleId :

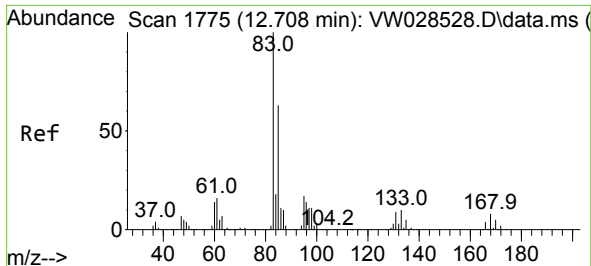
Tgt Ion:106 Resp: 190676
Ion Ratio Lower Upper
106 100
91 216.7 152.9 283.9



#55
Styrene
Concen: 25.479 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

Tgt Ion:104 Resp: 327233
Ion Ratio Lower Upper
104 100
78 46.6 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 27.014 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028544.D

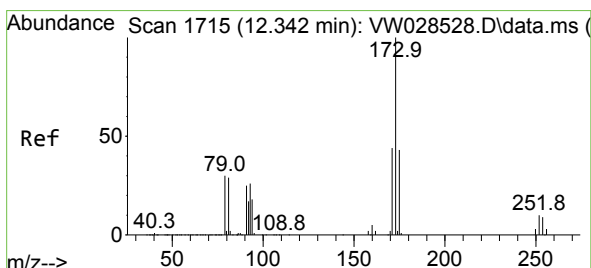
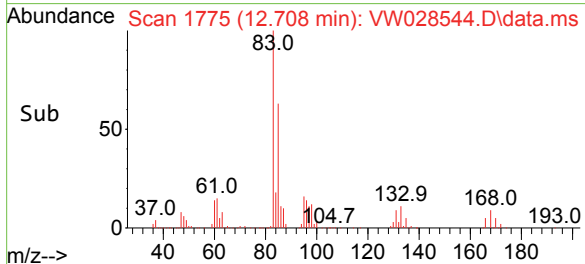
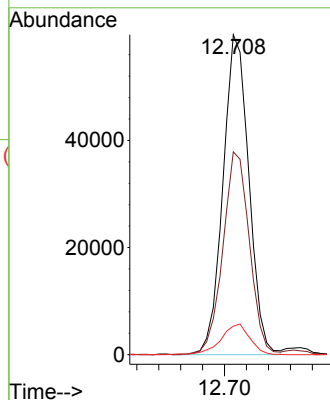
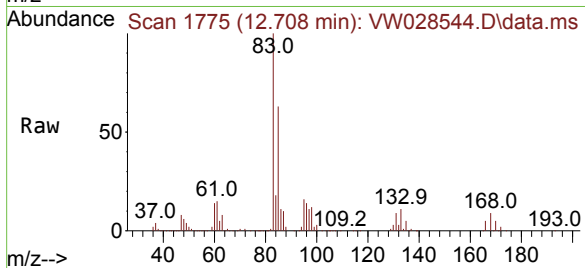
Acq: 24 Apr 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	97828
Ion	Ratio	Lower	Upper
83	100		
85	63.4	43.4	80.6
131	8.9	8.0	12.0



#59

Bromoform

Concen: 25.085 ug/L

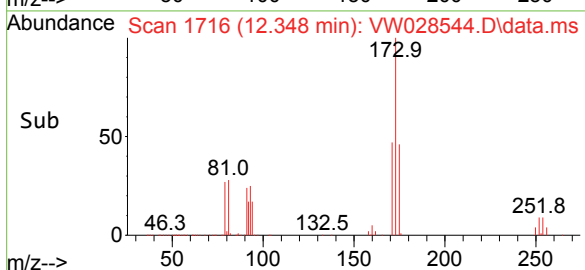
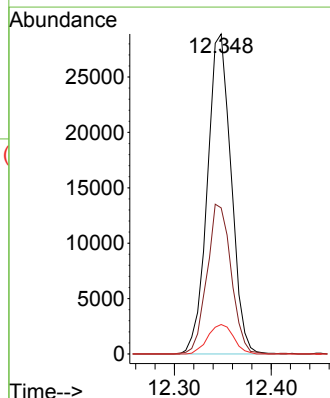
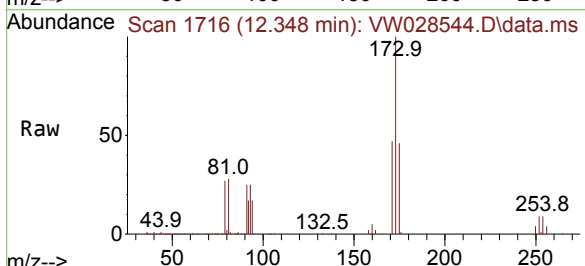
RT: 12.348 min Scan# 1716

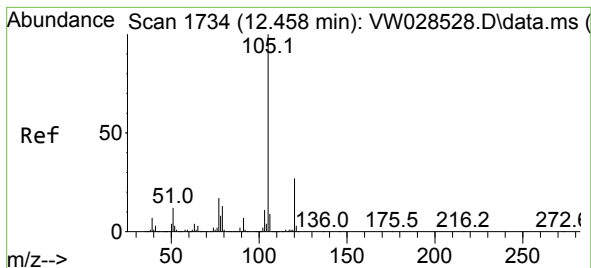
Delta R.T. 0.006 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

Tgt Ion:	173	Resp:	49338
Ion	Ratio	Lower	Upper
173	100		
175	47.6	39.2	58.8
254	10.0	8.3	12.5





#60

Isopropylbenzene

Concen: 23.607 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

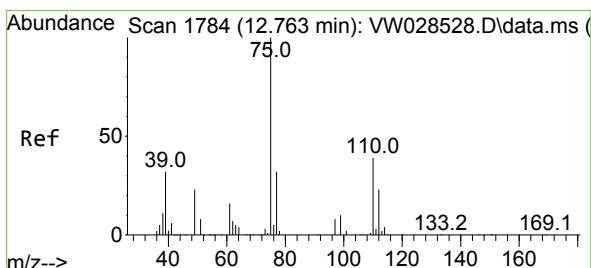
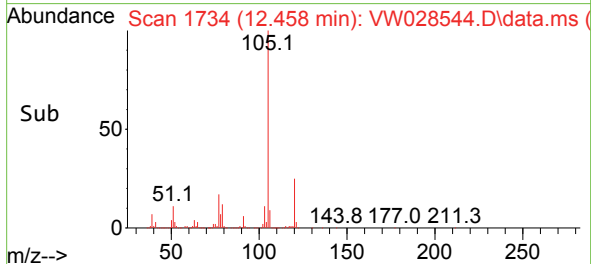
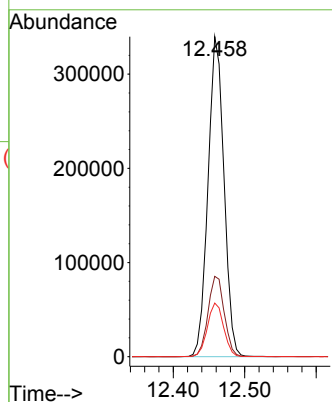
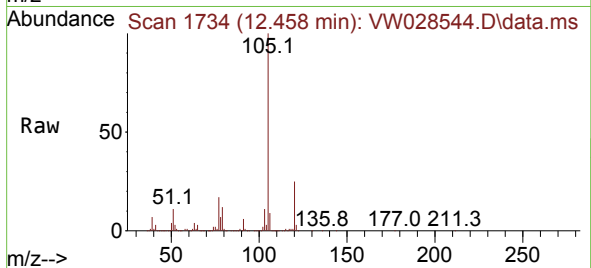
Tgt Ion:105 Resp: 527344

Ion Ratio Lower Upper

105 100

120 25.6 20.8 31.2

77 17.0 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 26.542 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

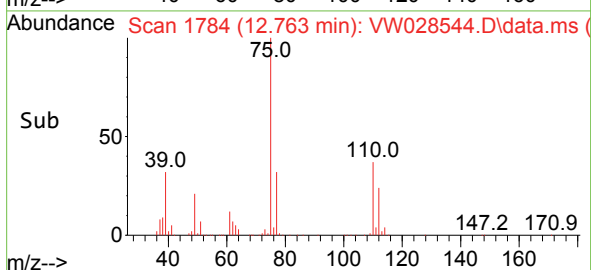
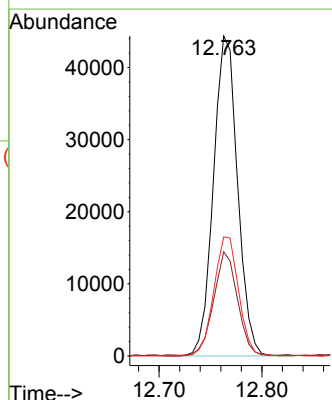
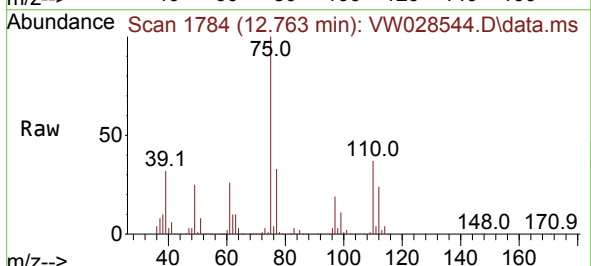
Tgt Ion: 75 Resp: 72306

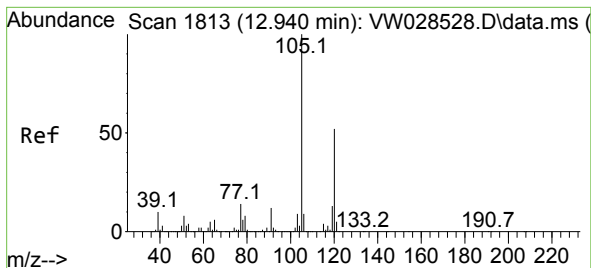
Ion Ratio Lower Upper

75 100

77 31.7 26.1 39.1

110 38.2 30.6 46.0

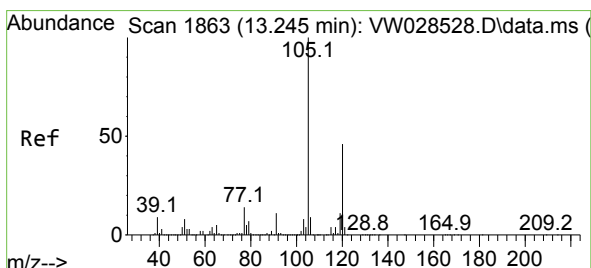
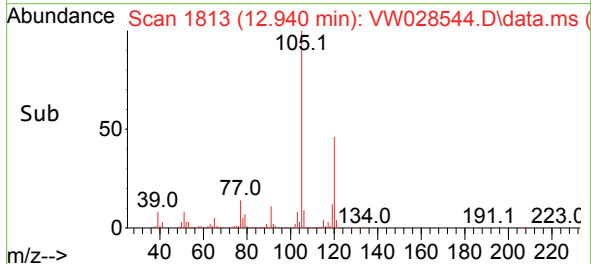
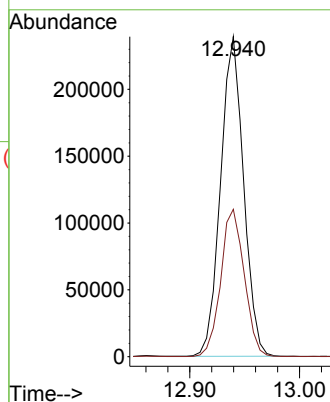
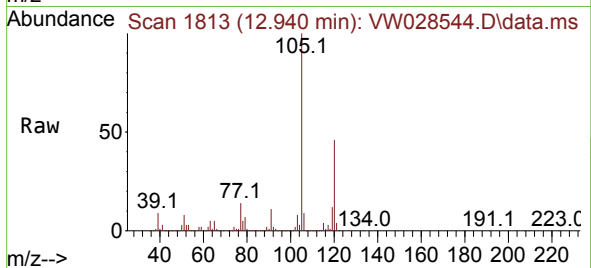




#62
1,3,5-Trimethylbenzene
Concen: 24.497 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

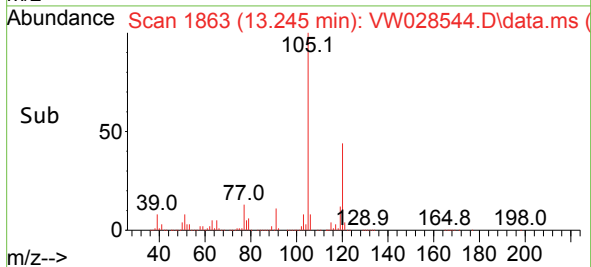
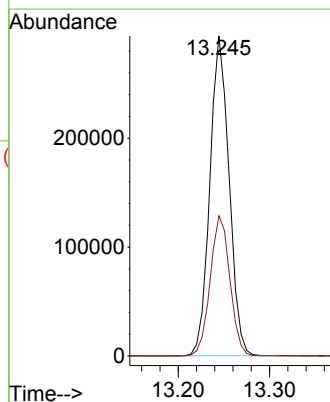
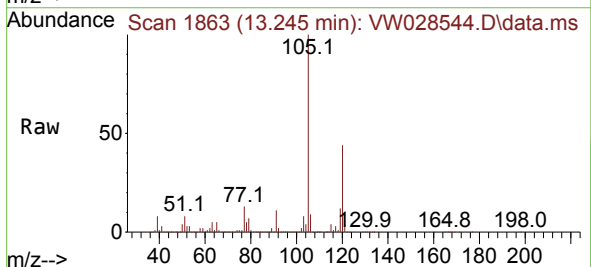
Instrument :
MSVOA_W
ClientSampleId :

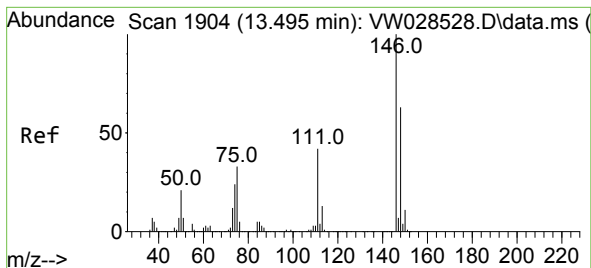
Tgt Ion:105 Resp: 348777
Ion Ratio Lower Upper
105 100
120 47.0 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 24.986 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

Tgt Ion:105 Resp: 428131
Ion Ratio Lower Upper
105 100
120 44.8 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 23.531 ug/L

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

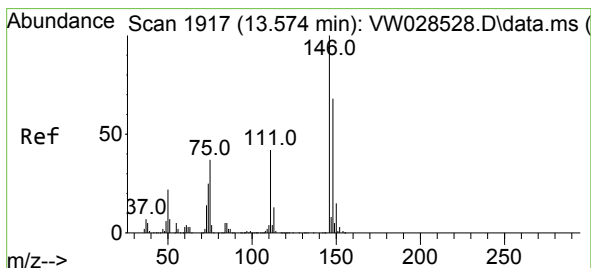
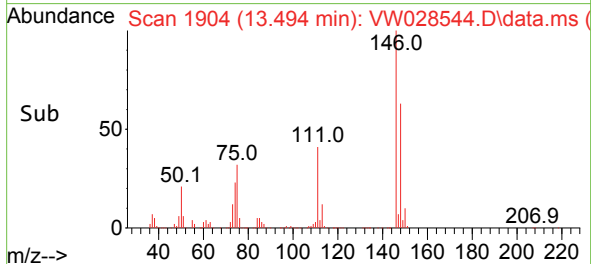
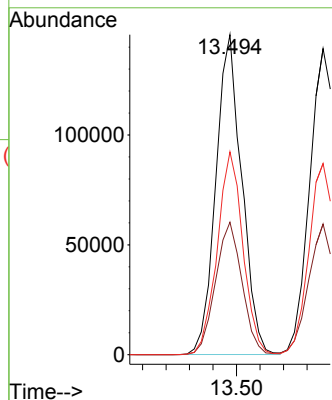
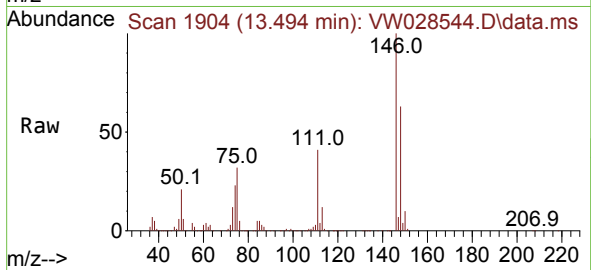
Tgt Ion:146 Resp: 223038

Ion Ratio Lower Upper

146 100

111 41.4 29.8 55.3

148 63.4 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 23.258 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

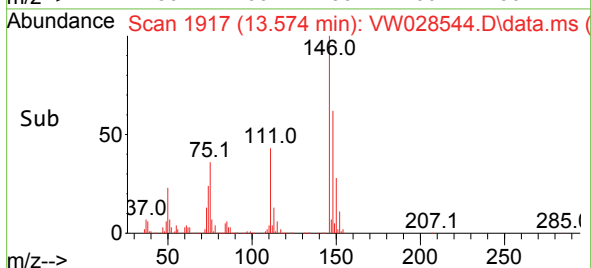
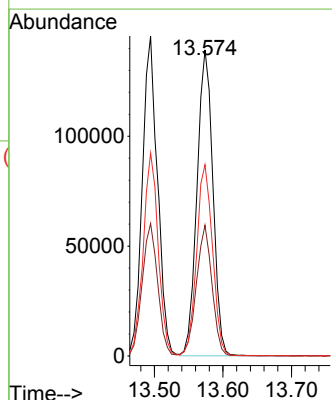
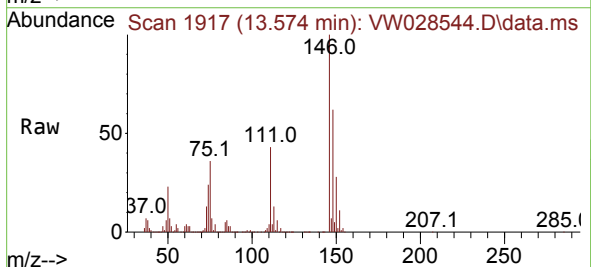
Tgt Ion:146 Resp: 224246

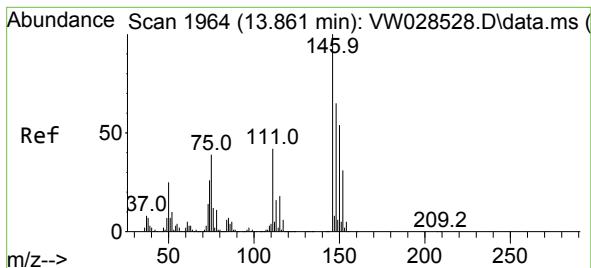
Ion Ratio Lower Upper

146 100

111 42.7 30.3 56.3

148 62.5 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 24.282 ug/L

RT: 13.866 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

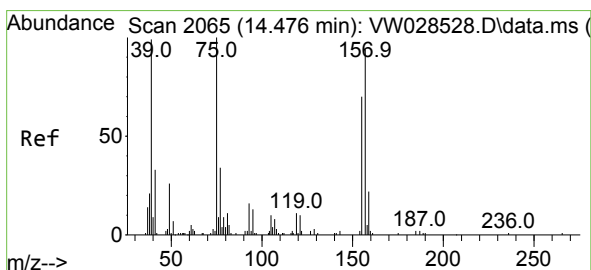
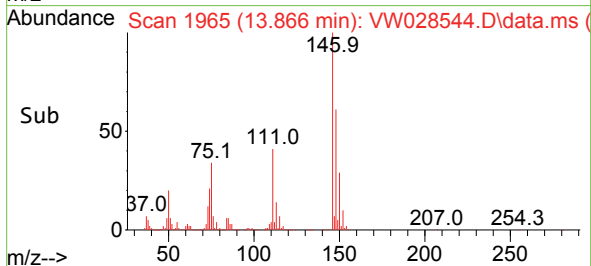
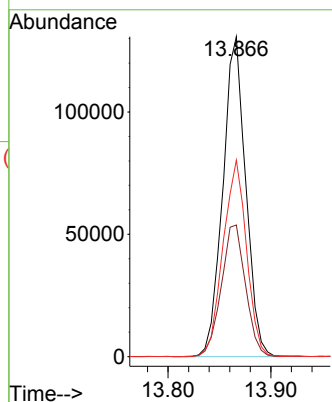
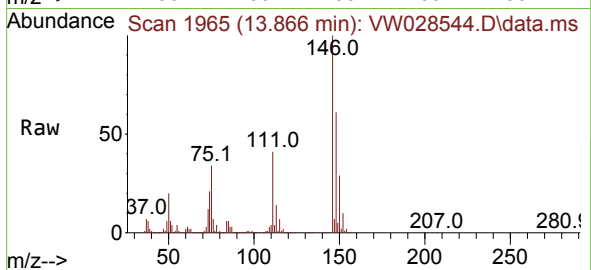
Tgt Ion:146 Resp: 202449

Ion Ratio Lower Upper

146 100

111 41.1 31.4 47.2

148 61.4 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 24.605 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

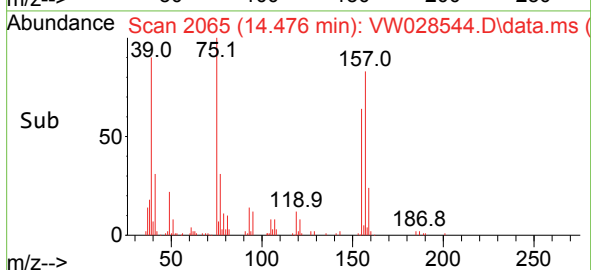
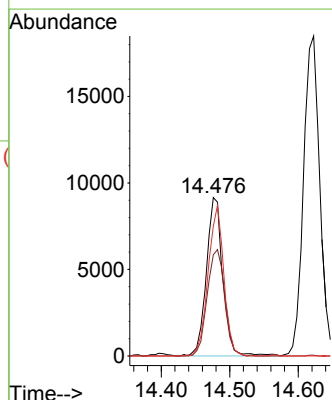
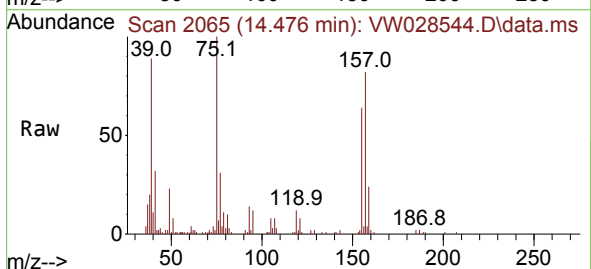
Tgt Ion: 75 Resp: 15360

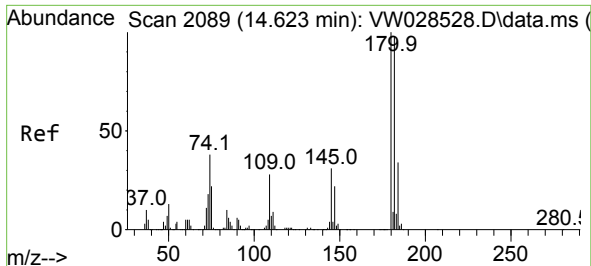
Ion Ratio Lower Upper

75 100

155 63.9 61.2 91.8

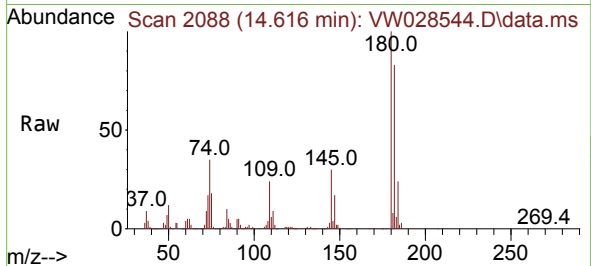
157 81.9 73.3 109.9



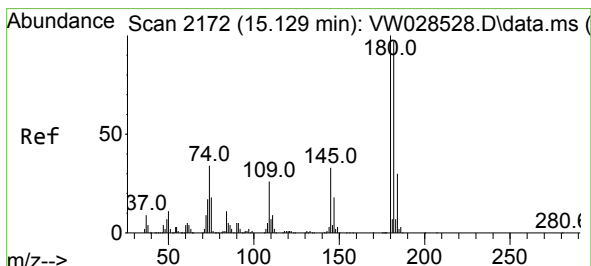
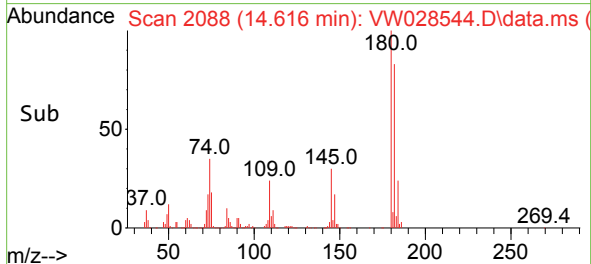
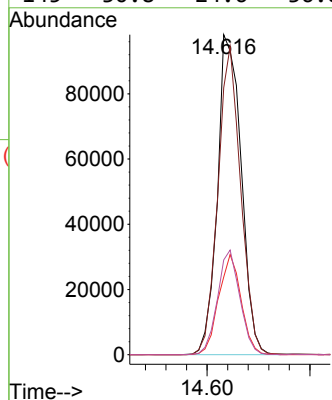


#69
1,3,5-Trichlorobenzene
Concen: 24.140 ug/L
RT: 14.616 min Scan# 2088
Delta R.T. -0.006 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

Instrument :
MSVOA_W
ClientSampleId :

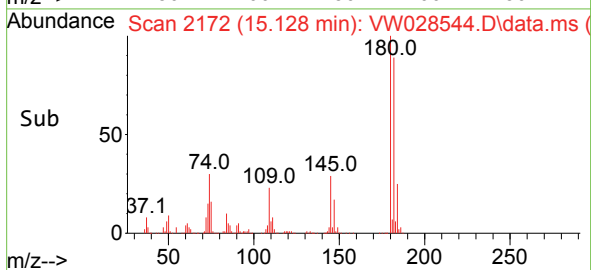
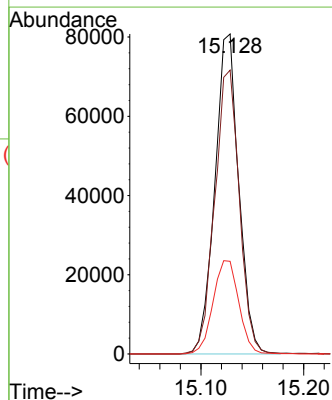
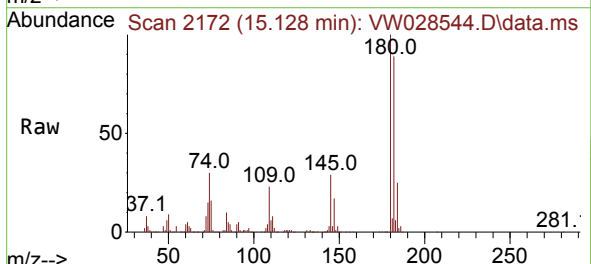


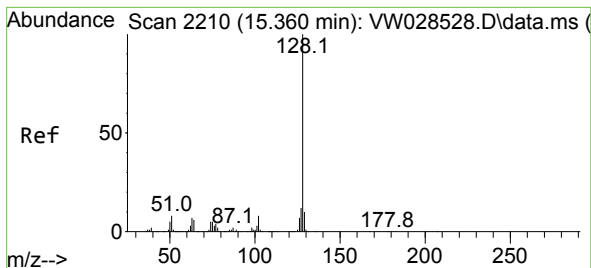
Tgt Ion:180 Resp: 157449
Ion Ratio Lower Upper
180 100
182 92.3 77.4 116.0
184 29.5 24.8 37.2
145 30.8 24.6 36.8



#70
1,2,4-trichlorobenzene
Concen: 25.561 ug/L
RT: 15.128 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW028544.D
Acq: 24 Apr 2024 16:46

Tgt Ion:180 Resp: 130193
Ion Ratio Lower Upper
180 100
182 91.4 71.5 107.3
145 31.5 23.5 35.3





#71

Naphthalene

Concen: 26.898 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

Instrument :

MSVOA_W

ClientSampleId :

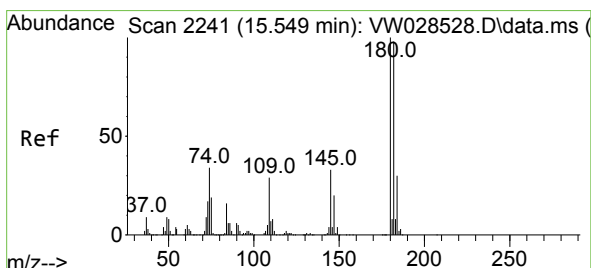
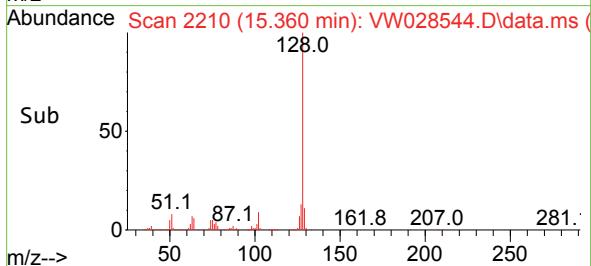
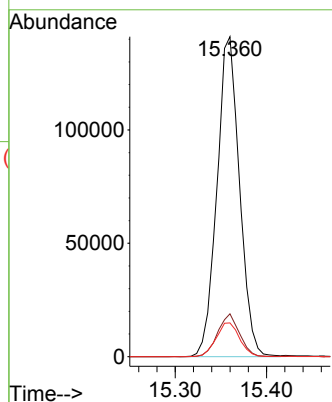
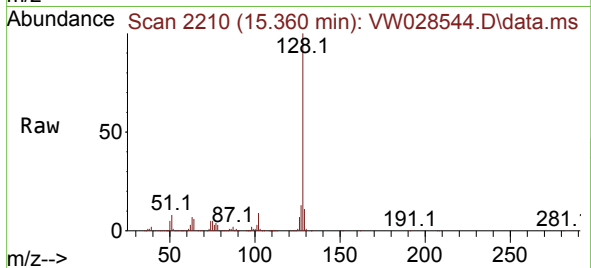
Tgt Ion:128 Resp: 242470

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.406 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028544.D

Acq: 24 Apr 2024 16:46

Tgt Ion:180 Resp: 110311

Ion Ratio Lower Upper

180 100

182 93.0 75.7 113.5

145 33.8 26.2 39.4

