

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032724\
 Data File : VW028253.D
 Acq On : 27 Mar 2024 16:13
 Operator : SY/MD
 Sample : P1886-10MS
 Misc : 4.03g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E07A8MS

Quant Time: Mar 28 01:13:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 28 01:11:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	260458	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	191925	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	60694	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	53110	17.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.720%
7) Chloroethane-d5	2.899	69	46947	22.050	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	4.021	65	38623	19.986	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.960%
21) 2-Butanone-d5	7.075	46	54308	60.421	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.840%
24) Chloroform-d	7.648	84	197644	25.734	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.920%
26) 1,2-Dichloroethane-d4	8.307	65	105731	24.981	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.920%
32) Benzene-d6	8.276	84	359652	30.693	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.760%
36) 1,2-Dichloropropane-d6	9.270	67	111200	32.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.920%#
41) Toluene-d8	10.319	98	289365	26.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.080%
43) trans-1,3-Dichloroprop...	10.575	79	38335	25.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.120%
47) 2-Hexanone-d5	10.922	63	42054	75.448	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.900%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77966	31.300	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.200%#
66) 1,2-Dichlorobenzene-d4	13.848	152	61847	27.973	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	69207	18.317	ug/L	94
3) Chloromethane	2.222	50	53029	19.788	ug/L	99
5) Vinyl chloride	2.375	62	58397	19.278	ug/L	95
6) Bromomethane	2.789	94	38524	21.355	ug/L	99
8) Chloroethane	2.936	64	35807	21.992	ug/L	96
9) Trichlorofluoromethane	3.265	101	85163	23.253	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	75870	20.853	ug/L	97
12) 1,1-Dichloroethene	4.045	96	71162	21.158	ug/L	93
13) Acetone	4.125	43	47071	47.166	ug/L	99
14) Carbon disulfide	4.393	76	130707	12.460	ug/L	99
15) Methyl Acetate	4.667	43	34176	22.232	ug/L	99
16) Methylene chloride	4.917	84	77802	19.626	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	59334	16.600	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	134830	25.002	ug/L	99
19) 1,1-Dichloroethane	6.216	63	163575	23.639	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	80474	20.846	ug/L	96
22) 2-Butanone	7.167	43	53989	47.648	ug/L	96
23) Bromochloromethane	7.514	128	36290	21.264	ug/L	89
25) Chloroform	7.679	83	167367	23.494	ug/L	97

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 QLast Update : Thu Mar 28 01:11:29 2024
 Response via : Initial Calibration

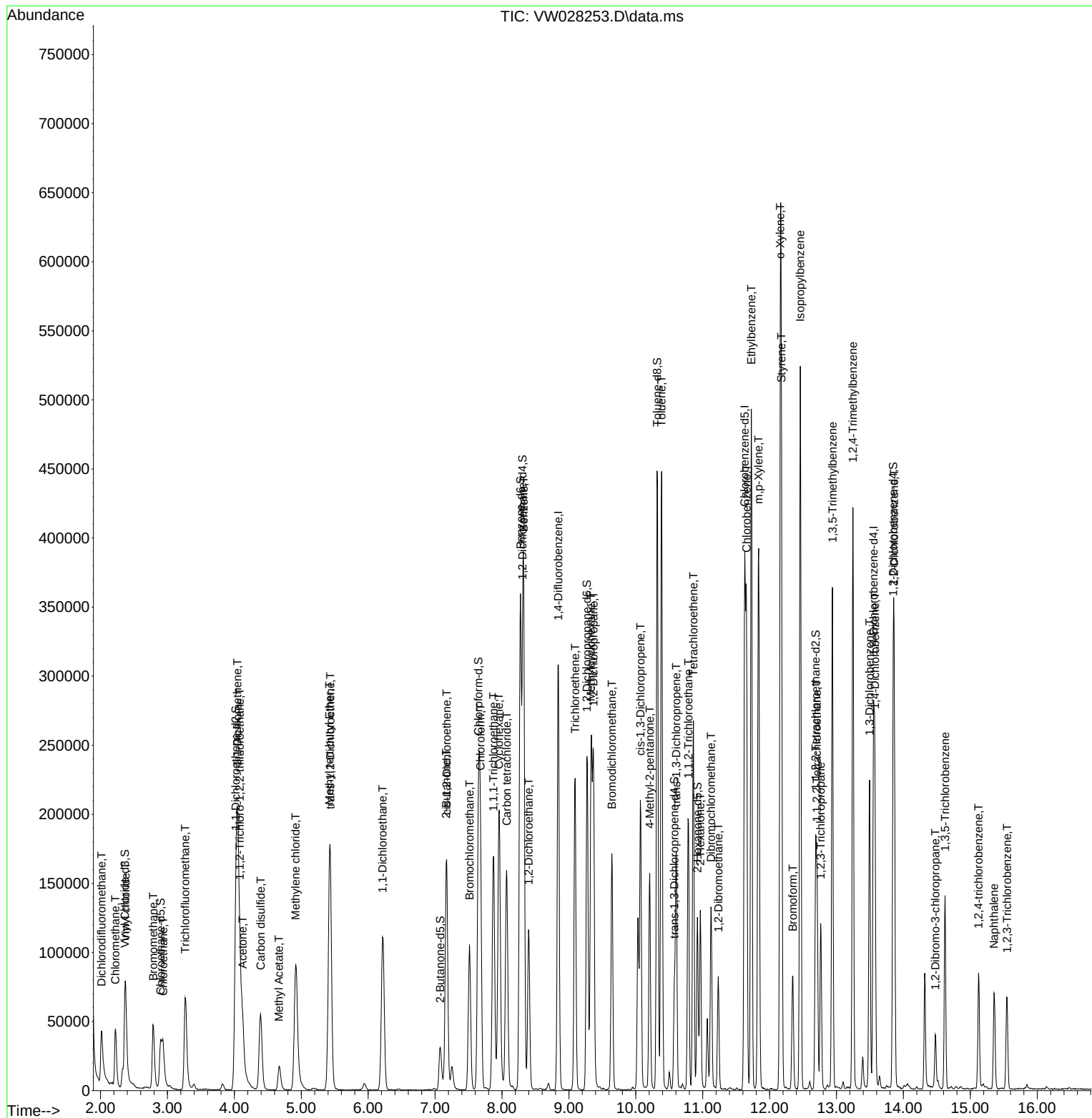
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	108066	21.481	ug/L #	94
29) Cyclohexane	7.953	56	120329	24.037	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	140201	27.867	ug/L	99
31) Carbon tetrachloride	8.069	117	126511	26.808	ug/L	97
33) Benzene	8.325	78	327887	27.763	ug/L	100
34) Trichloroethene	9.093	95	79511	24.131	ug/L	97
35) Methylcyclohexane	9.331	83	101063	18.146	ug/L	99
37) 1,2-Dichloropropane	9.367	63	88260	29.217	ug/L	100
38) Bromodichloromethane	9.642	83	114932	28.220	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	122823	25.388	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	101548	60.901	ug/L	98
42) Toluene	10.386	91	320100	24.834	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	93088	22.791	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	61543	28.198	ug/L	98
46) Tetrachloroethene	10.861	164	59543	22.418	ug/L	96
48) 2-Hexanone	10.965	43	79108	60.565	ug/L	97
49) Dibromochloromethane	11.123	129	69151	26.753	ug/L	93
50) 1,2-Dibromoethane	11.233	107	53756	25.758	ug/L	97
51) Chlorobenzene	11.654	112	172242	21.053	ug/L	98
52) Ethylbenzene	11.727	91	340322	22.618	ug/L	98
53) m,p-Xylene	11.837	106	123358	21.786	ug/L	94
54) o-Xylene	12.160	106	124038	23.623	ug/L	96
55) Styrene	12.178	104	165918	18.396	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	62623	25.085	ug/L	99
59) Bromoform	12.349	173	37174	40.874	ug/L	100
60) Isopropylbenzene	12.458	105	326243	36.178	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	49611	42.829	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	188312	31.123	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	222050	30.393	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	87355	21.714	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	82597	20.532	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	88912	25.664	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	9946	36.552	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	41439	14.787	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	26116	10.970	ug/L	98
71) Naphthalene	15.354	128	61788	15.121	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	21919	11.169	ug/L	97

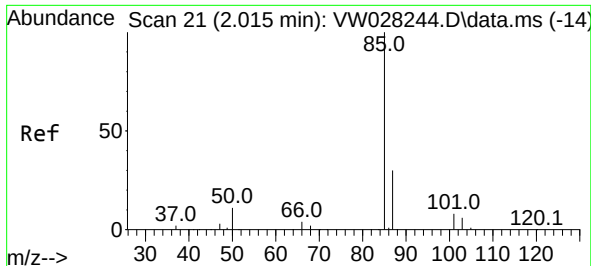
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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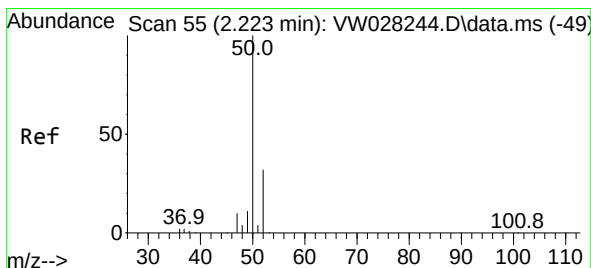
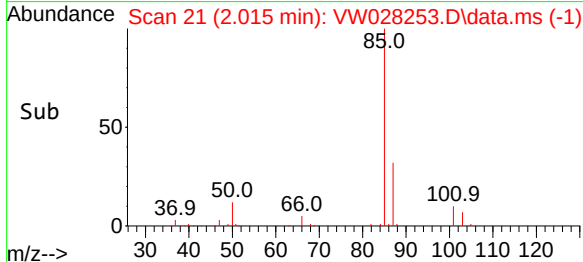
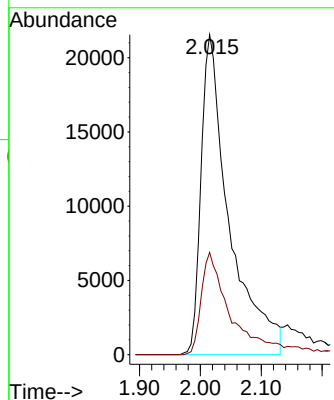
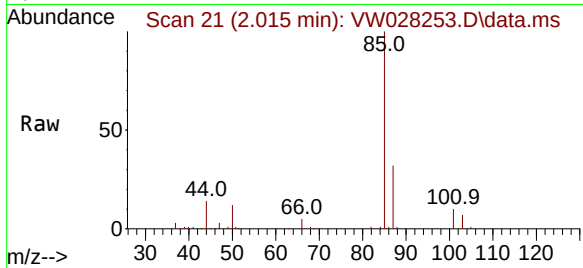




#2
Dichlorodifluoromethane
Concen: 18.317 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

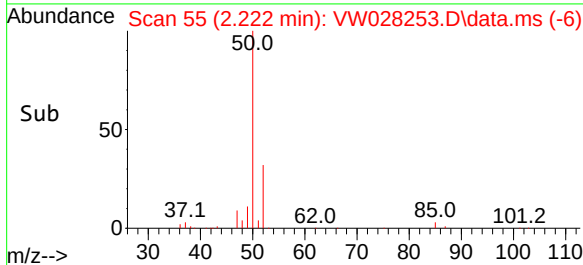
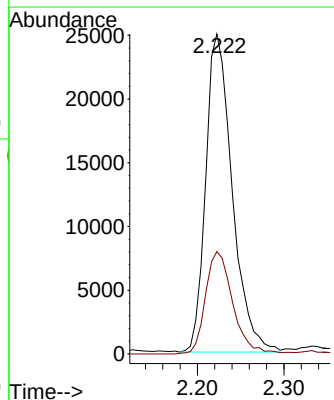
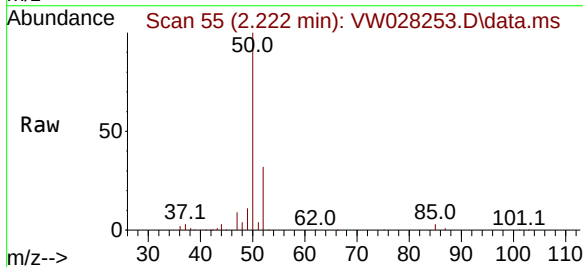
Instrument :
MSVOA_W
ClientSampleId :
E07A8MS

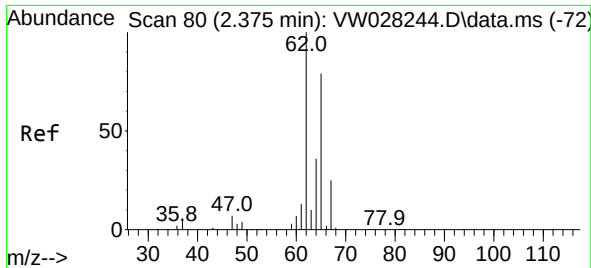
Tgt Ion: 85 Resp: 69207
Ion Ratio Lower Upper
85 100
87 29.2 20.9 31.3



#3
Chloromethane
Concen: 19.788 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

Tgt Ion: 50 Resp: 53029
Ion Ratio Lower Upper
50 100
52 32.0 22.7 42.1

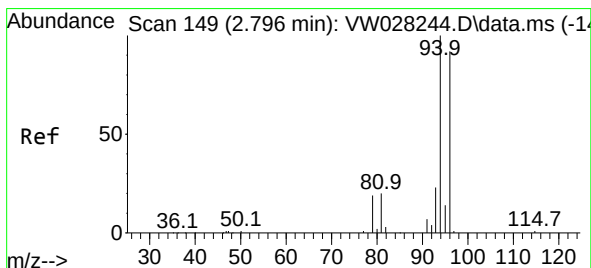
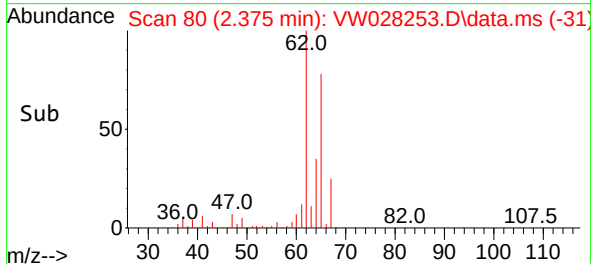
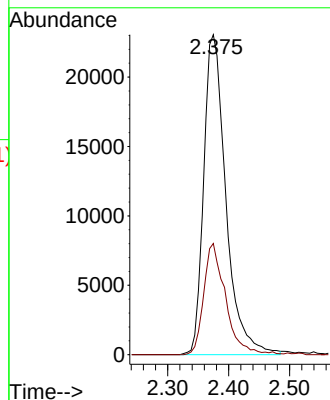
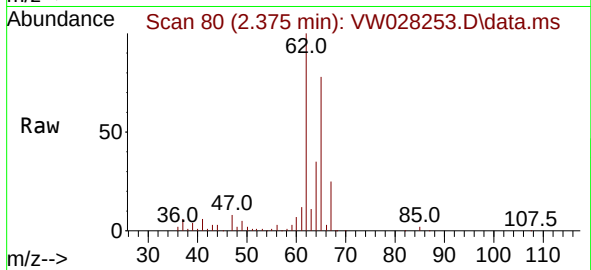




#5
 Vinyl chloride
 Concen: 19.278 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028253.D
 Acq: 27 Mar 2024 16:13

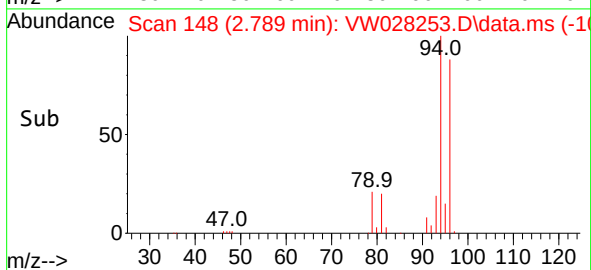
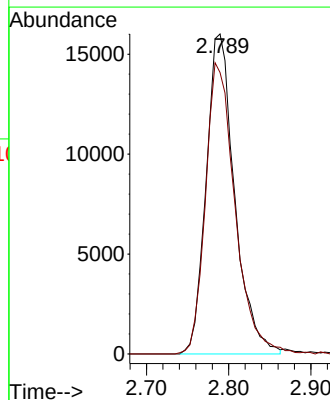
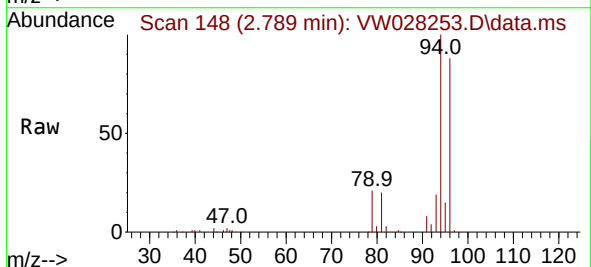
Instrument :
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 ClientSampleId :
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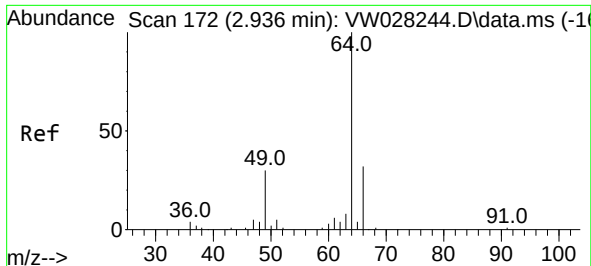
Tgt Ion: 62 Resp: 58397
 Ion Ratio Lower Upper
 62 100
 64 34.7 22.5 41.7



#6
 Bromomethane
 Concen: 21.355 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028253.D
 Acq: 27 Mar 2024 16:13

Tgt Ion: 94 Resp: 38524
 Ion Ratio Lower Upper
 94 100
 96 87.9 60.8 113.0

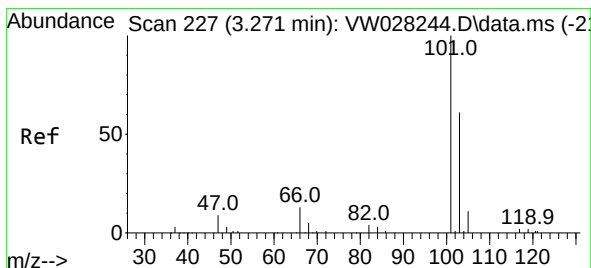
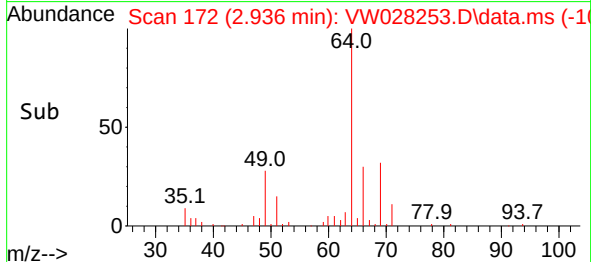
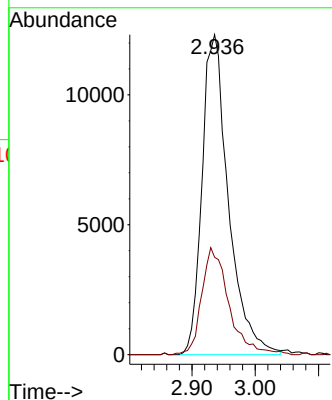
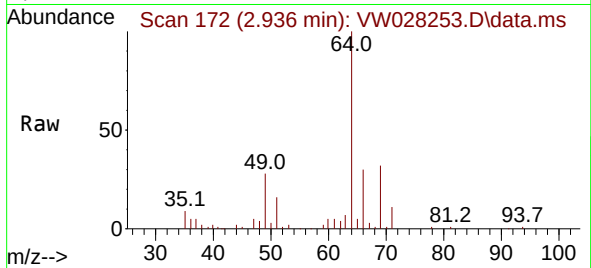




#8
Chloroethane
Concen: 21.992 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

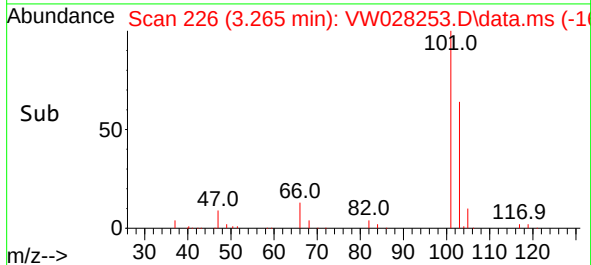
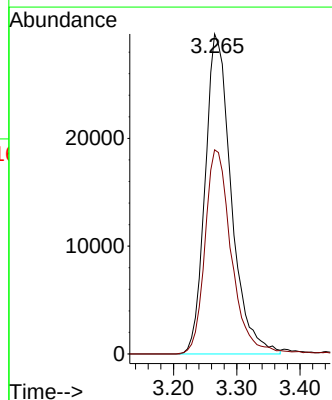
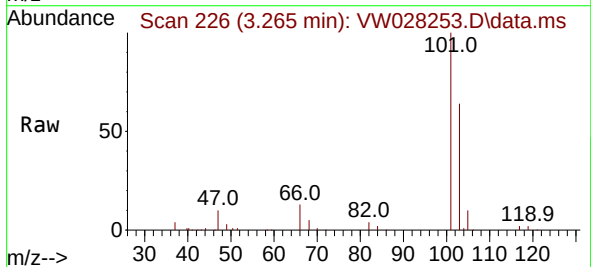
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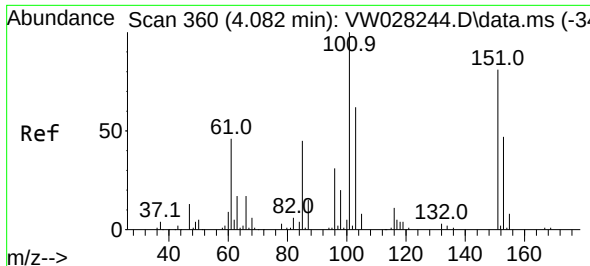
Tgt Ion: 64 Resp: 35807
Ion Ratio Lower Upper
64 100
66 30.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 23.253 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

Tgt Ion:101 Resp: 85163
Ion Ratio Lower Upper
101 100
103 64.1 50.9 76.3

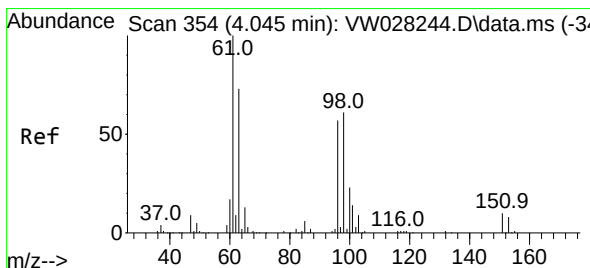
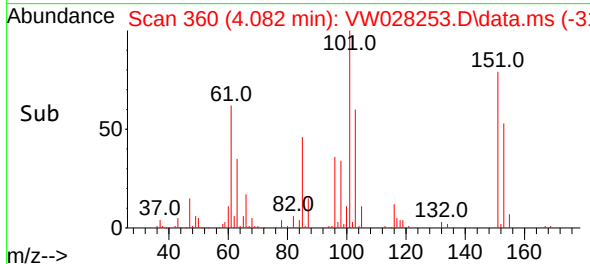
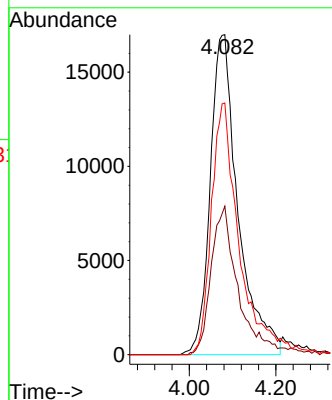
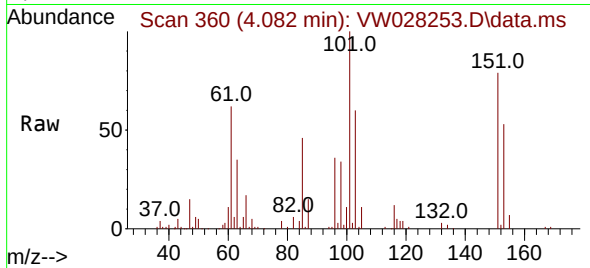




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.853 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. -0.000 min
 Lab File: VW028253.D
 Acq: 27 Mar 2024 16:13

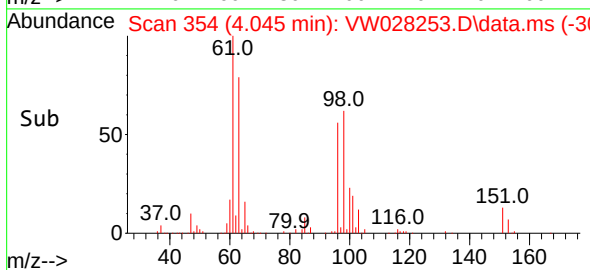
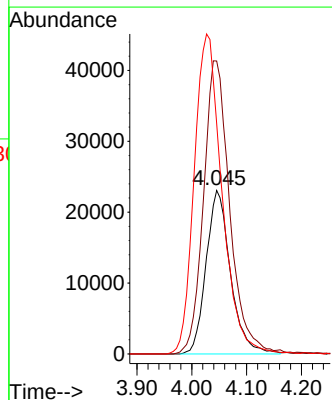
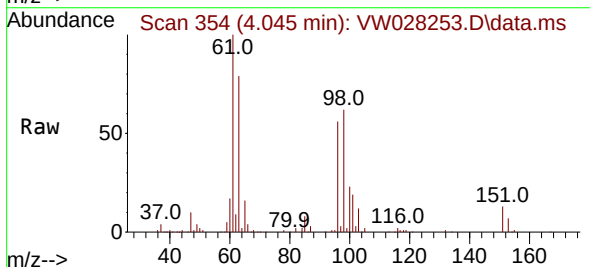
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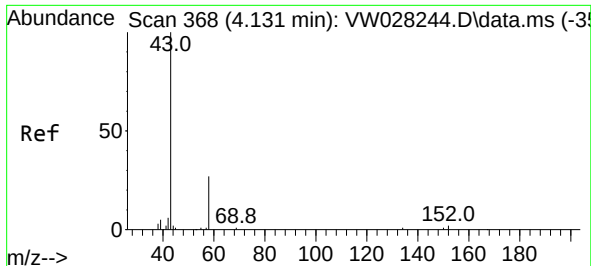
Tgt Ion:101 Resp: 75870
 Ion Ratio Lower Upper
 101 100
 85 41.5 36.4 54.6
 151 72.1 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 21.158 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW028253.D
 Acq: 27 Mar 2024 16:13

Tgt Ion: 96 Resp: 71162
 Ion Ratio Lower Upper
 96 100
 61 179.0 132.2 245.4
 63 140.9 104.6 194.2





#13

Acetone

Concen: 47.166 ug/L

RT: 4.125 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

Instrument :

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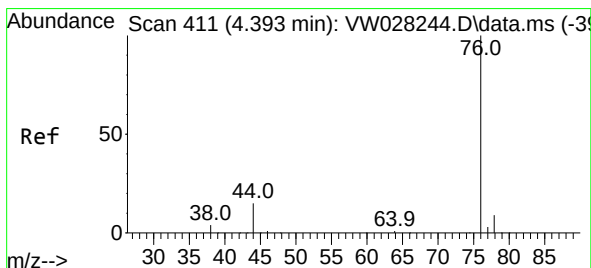
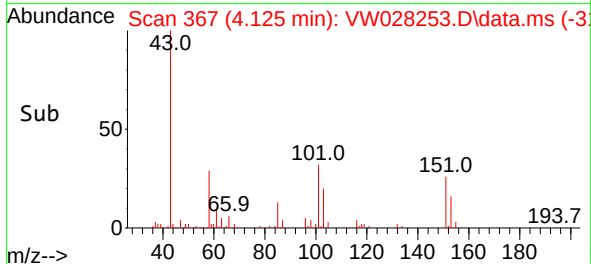
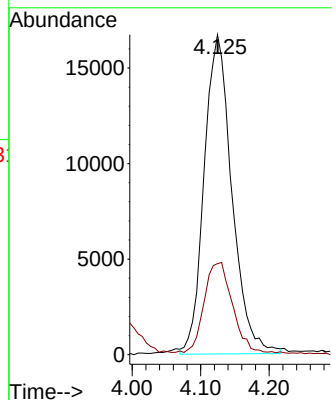
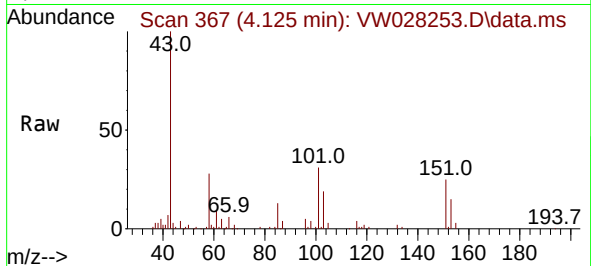
E07A8MS

Tgt Ion: 43 Resp: 47071

Ion Ratio Lower Upper

43 100

58 28.5 0.0 57.8



#14

Carbon disulfide

Concen: 12.460 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW028253.D

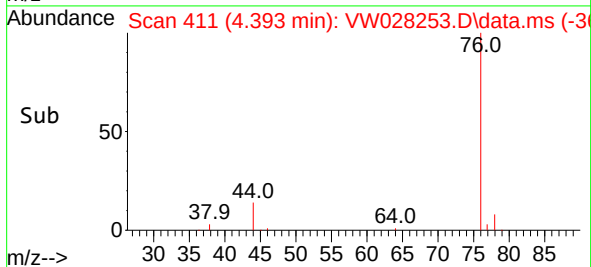
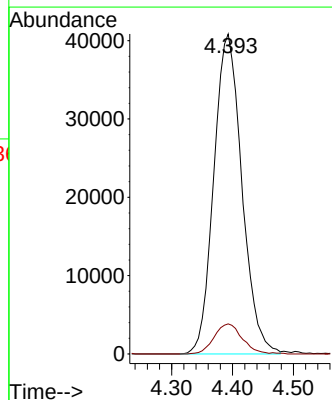
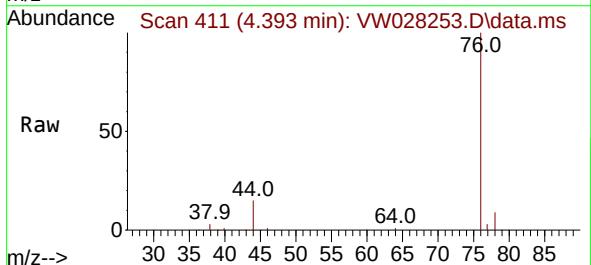
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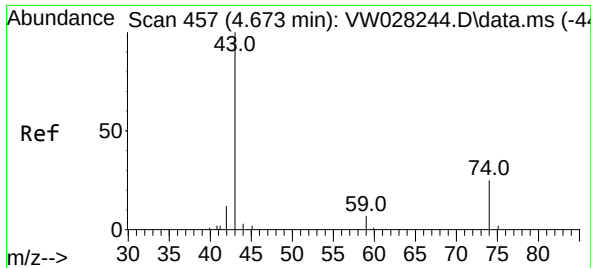
Tgt Ion: 76 Resp: 130707

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

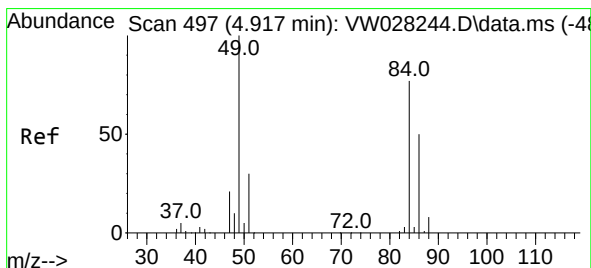
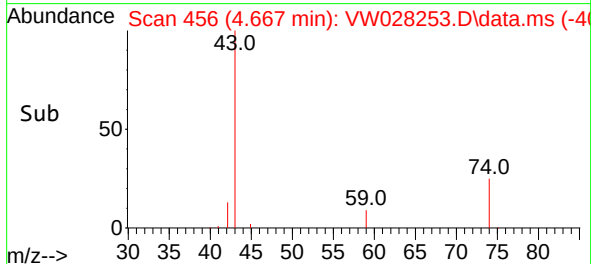
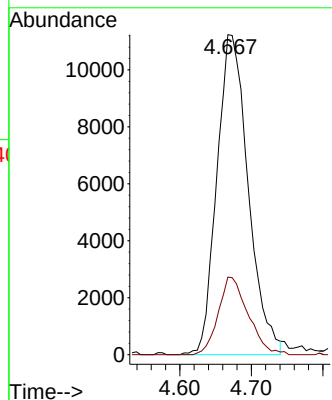
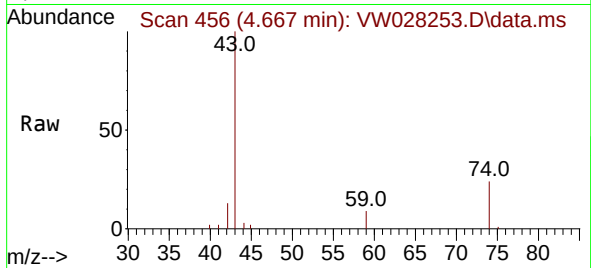




#15
Methyl Acetate
Concen: 22.232 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

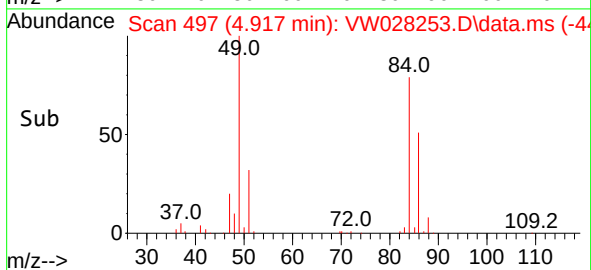
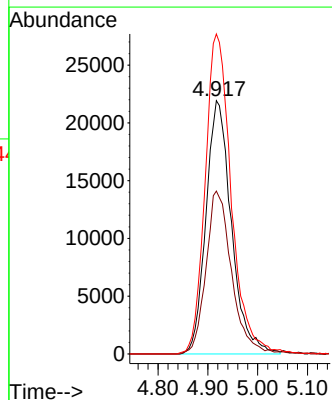
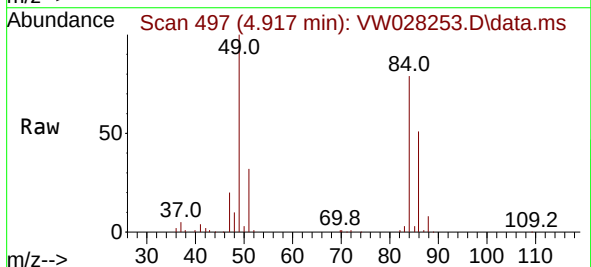
Instrument :
MSVOA_W
ClientSampleId :
E07A8MS

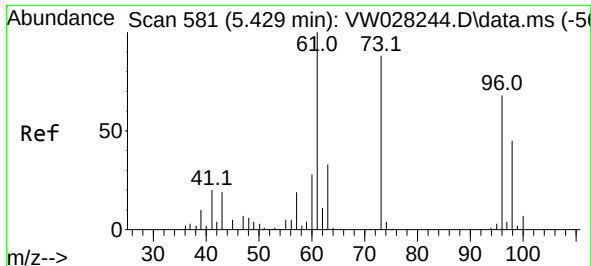
Tgt Ion: 43 Resp: 34176
Ion Ratio Lower Upper
43 100
74 23.1 18.2 27.2



#16
Methylene chloride
Concen: 19.626 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

Tgt Ion: 84 Resp: 77802
Ion Ratio Lower Upper
84 100
86 64.3 43.1 80.1
49 126.3 89.4 166.0

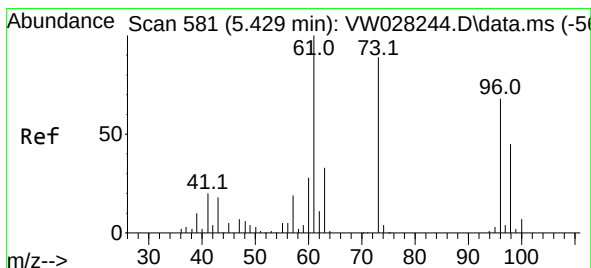
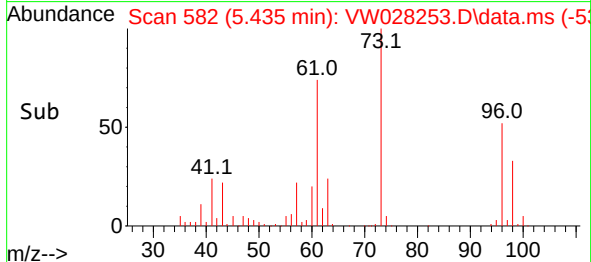
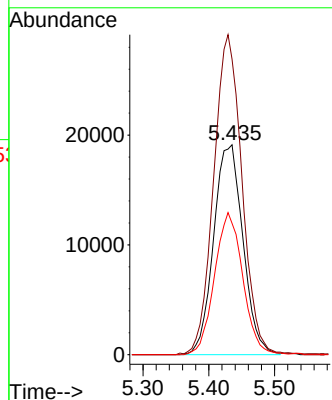
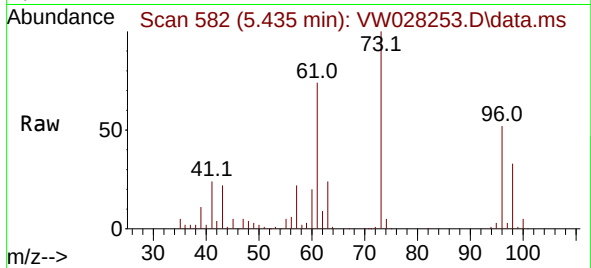




#17
trans-1,2-Dichloroethene
Concen: 16.600 ug/L
RT: 5.435 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

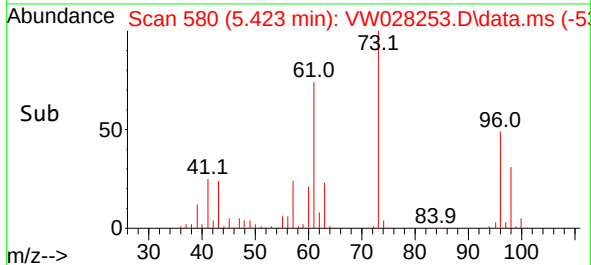
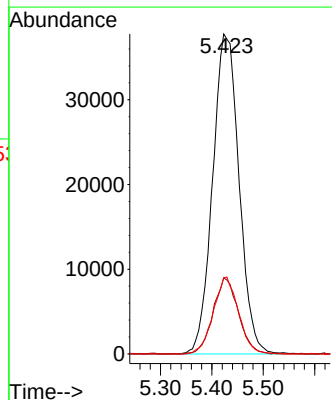
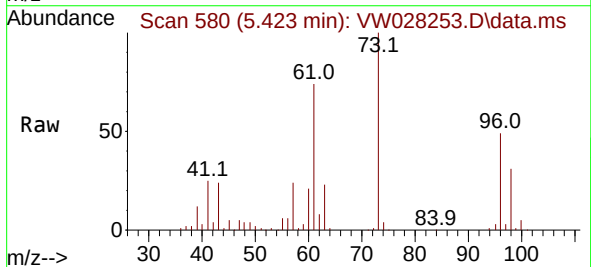
Instrument :
MSVOA_W
ClientSampleId :
E07A8MS

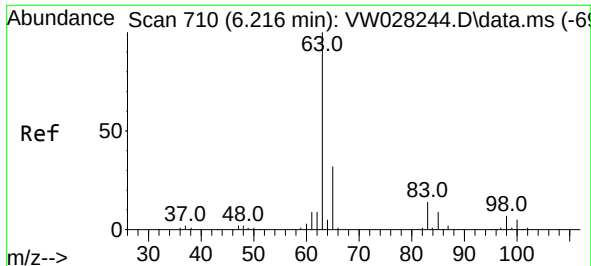
Tgt Ion: 96 Resp: 59334
Ion Ratio Lower Upper
96 100
61 140.8 98.4 182.8
98 62.6 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 25.002 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

Tgt Ion: 73 Resp: 134830
Ion Ratio Lower Upper
73 100
43 22.7 18.2 27.4
57 22.9 17.4 26.2

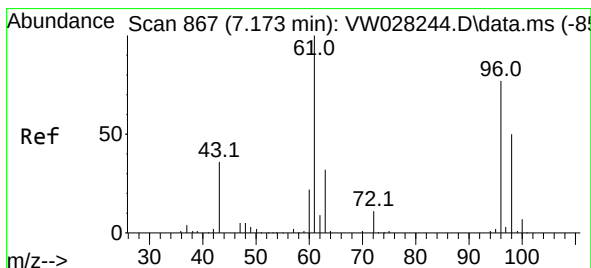
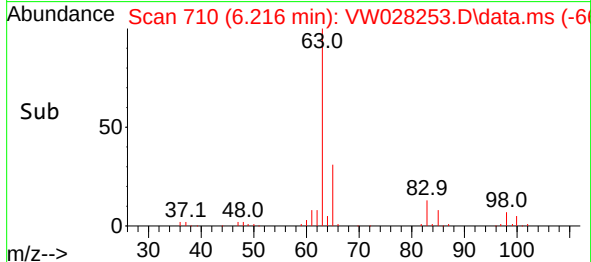
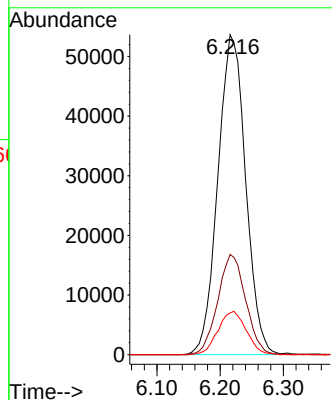
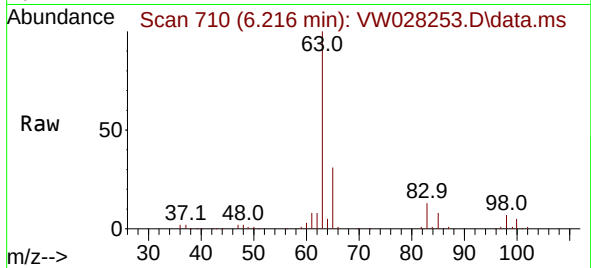




#19
1,1-Dichloroethane
Concen: 23.639 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

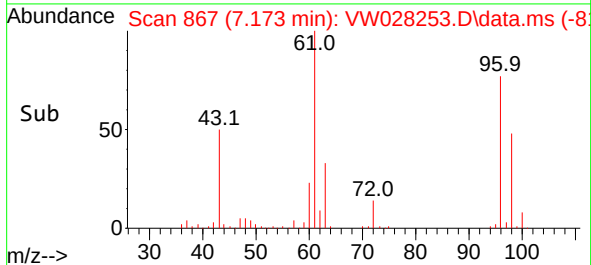
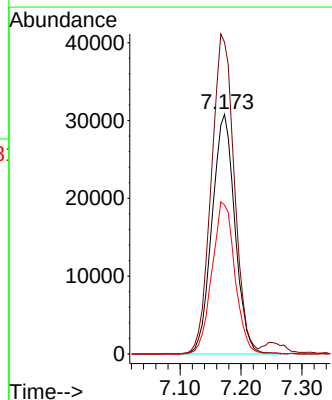
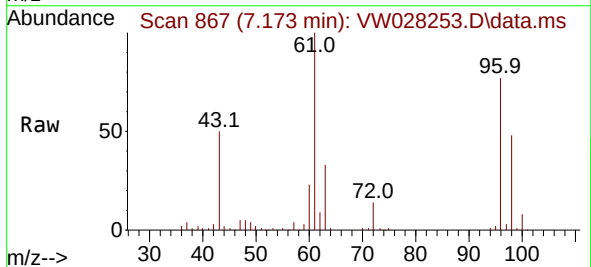
Instrument :
MSVOA_W
ClientSampleId :
E07A8MS

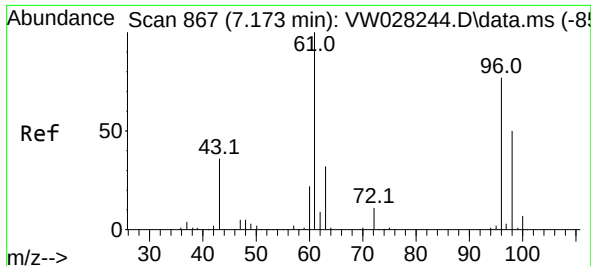
Tgt Ion: 63 Resp: 163575
Ion Ratio Lower Upper
63 100
65 31.3 22.1 41.1
83 13.1 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 20.846 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

Tgt Ion: 96 Resp: 80474
Ion Ratio Lower Upper
96 100
61 130.1 95.7 177.7
98 62.2 43.9 81.5

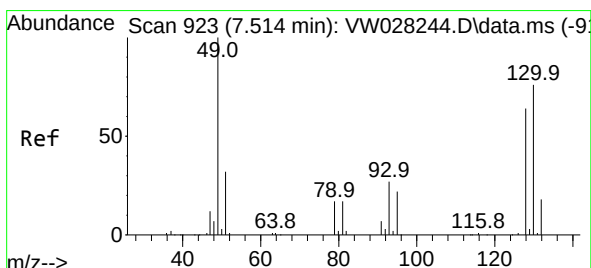
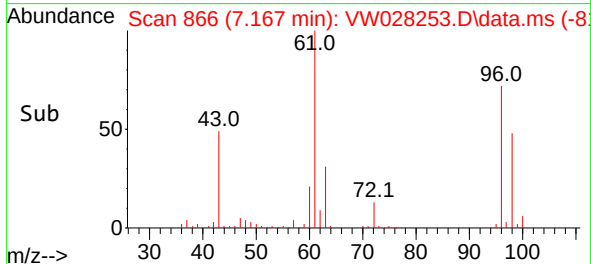
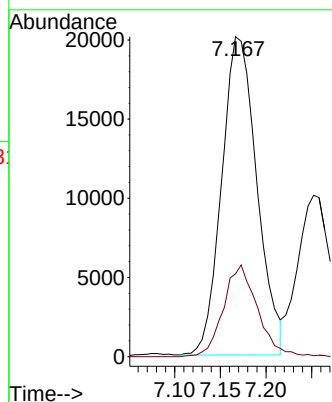
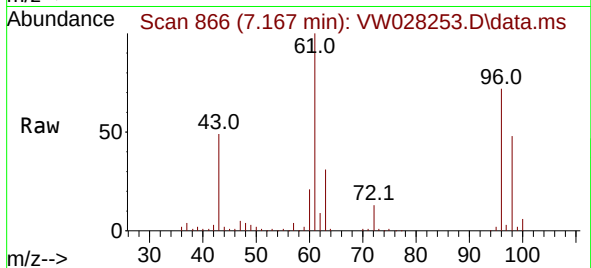




#22
2-Butanone
Concen: 47.648 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

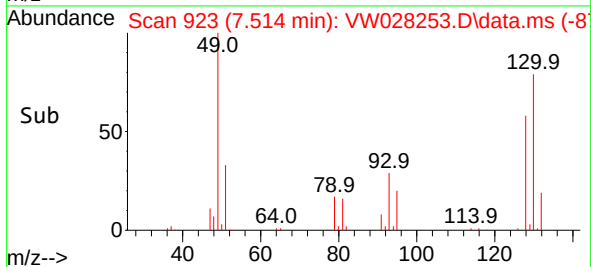
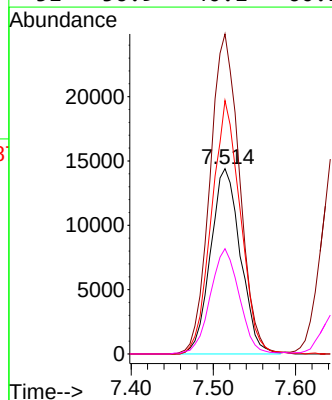
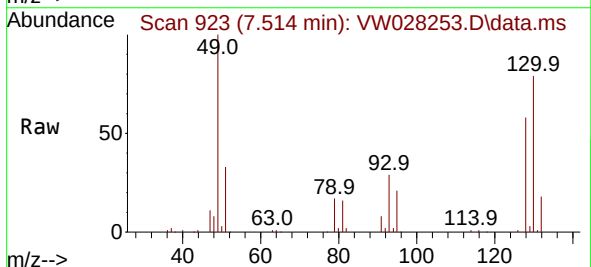
Instrument :
MSVOA_W
ClientSampleId :
E07A8MS

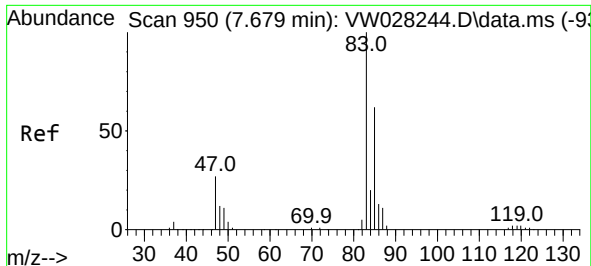
Tgt Ion: 43 Resp: 53989
Ion Ratio Lower Upper
43 100
72 27.7 12.8 38.4



#23
Bromochloromethane
Concen: 21.264 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

Tgt Ion:128 Resp: 36290
Ion Ratio Lower Upper
128 100
49 172.7 116.6 216.6
130 136.9 80.1 148.7
51 56.9 40.1 60.1

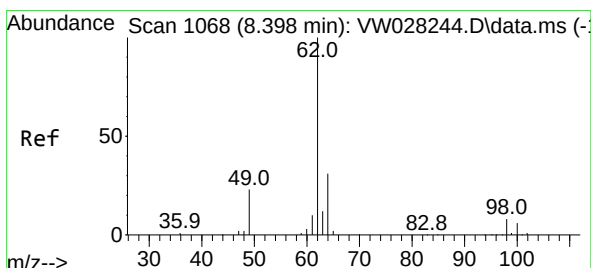
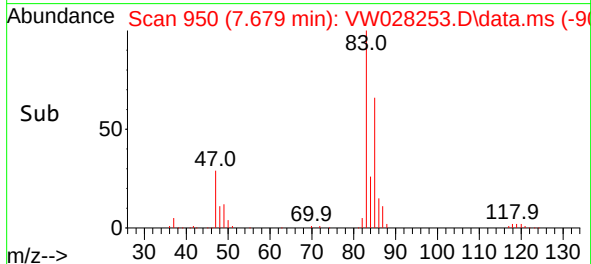
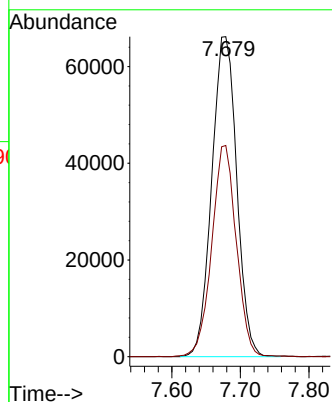
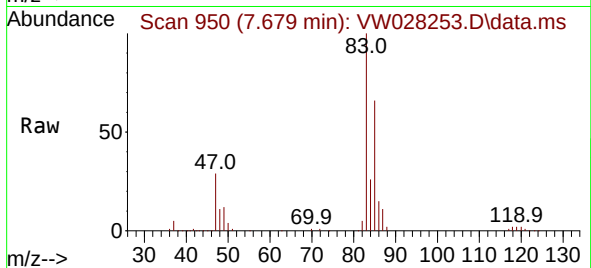




#25
Chloroform
Concen: 23.494 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

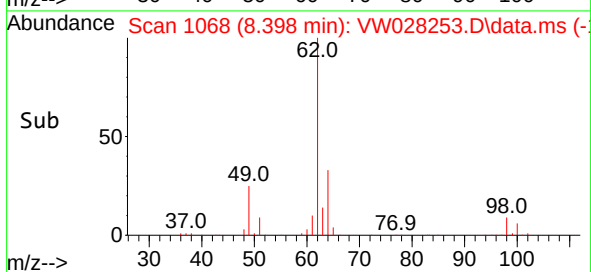
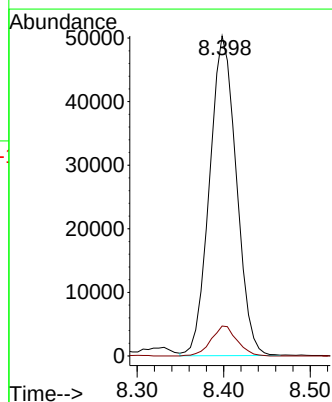
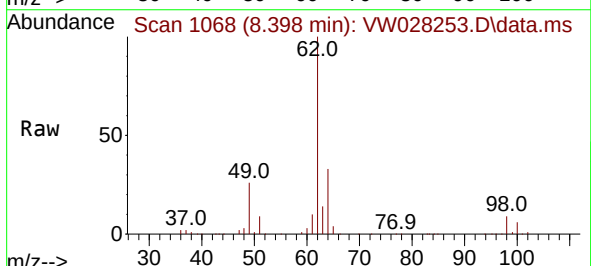
Instrument :
MSVOA_W
ClientSampleId :
E07A8MS

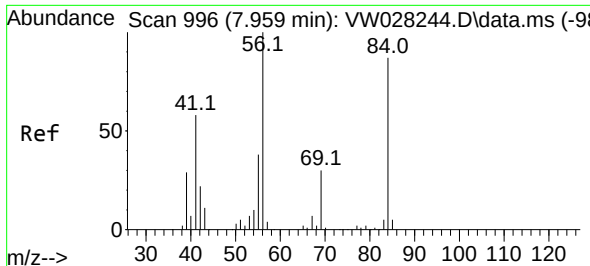
Tgt Ion: 83 Resp: 167367
Ion Ratio Lower Upper
83 100
85 66.0 44.5 82.7



#27
1,2-Dichloroethane
Concen: 21.481 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

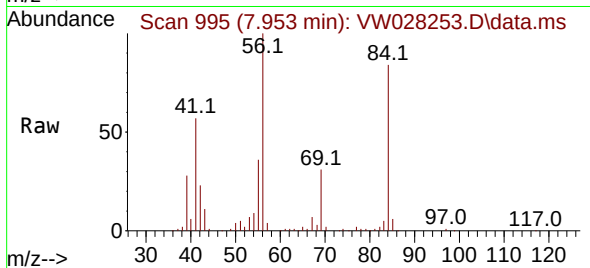
Tgt Ion: 62 Resp: 108066
Ion Ratio Lower Upper
62 100
98 9.4 5.9 8.9#



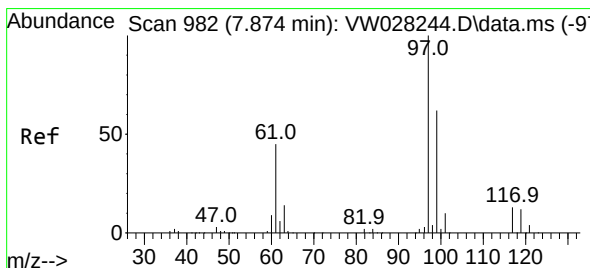
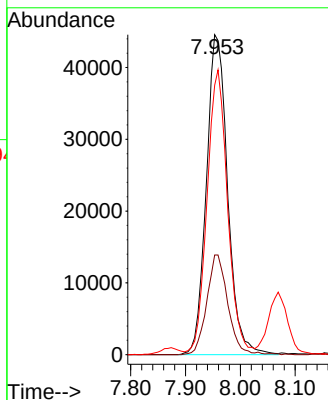
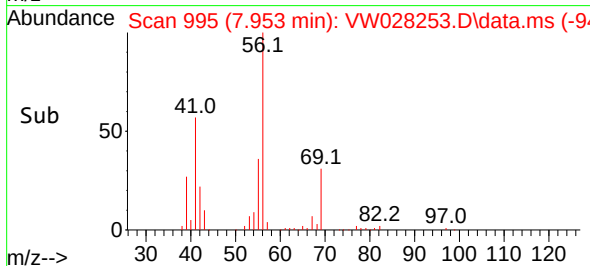


#29
Cyclohexane
Concen: 24.037 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

Instrument :
MSVOA_W
ClientSampleId :
E07A8MS

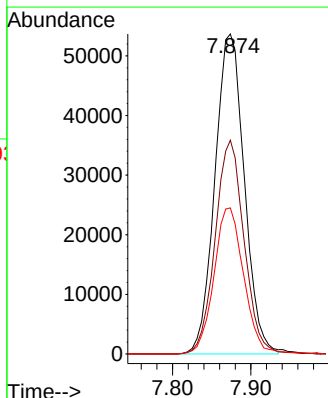
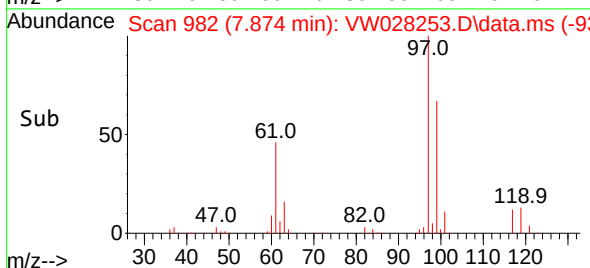
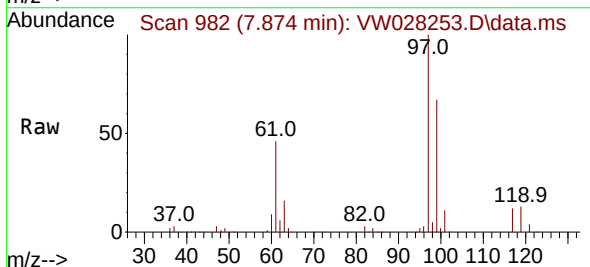


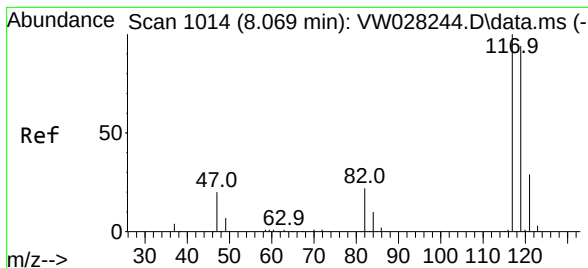
Tgt Ion:	56	Resp:	120329
Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.0	36.0
84	86.2	68.4	102.6



#30
1,1,1-Trichloroethane
Concen: 27.867 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

Tgt Ion:	97	Resp:	140201
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.3	76.9
61	46.2	37.0	55.6

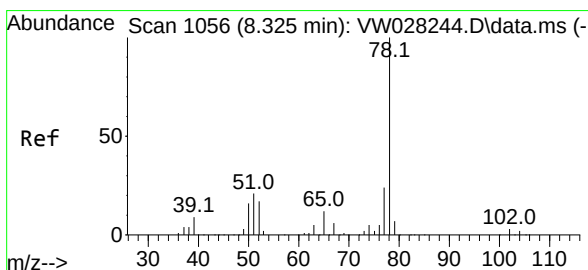
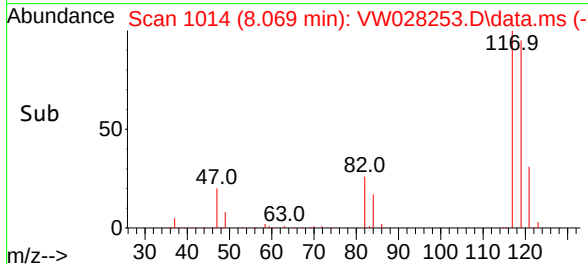
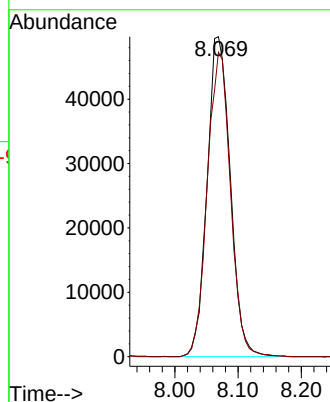
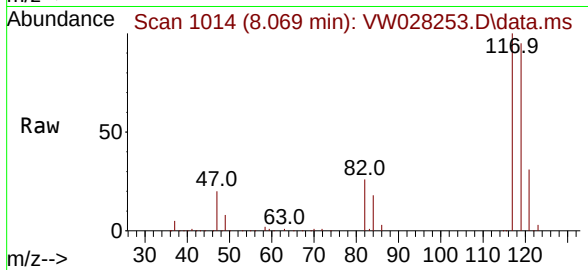




#31
Carbon tetrachloride
Concen: 26.808 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

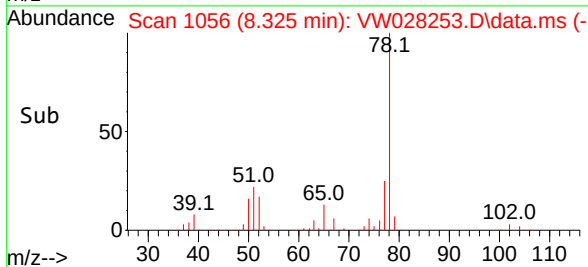
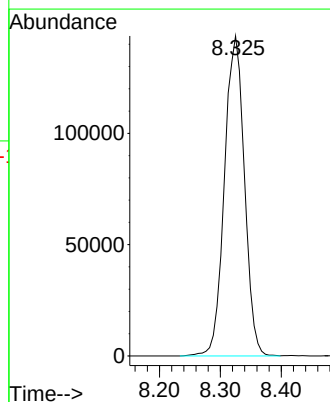
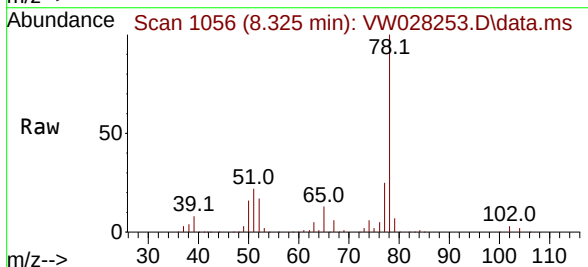
Instrument :
MSVOA_W
ClientSampleId :
E07A8MS

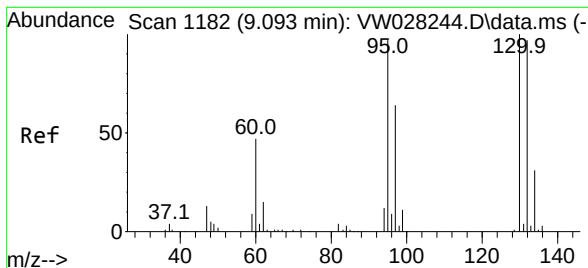
Tgt Ion:117 Resp: 126511
Ion Ratio Lower Upper
117 100
119 95.2 78.2 117.4



#33
Benzene
Concen: 27.763 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

Tgt Ion: 78 Resp: 327887





#34

Trichloroethene

Concen: 24.131 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

Instrument :

MSVOA_W

ClientSampleId :

E07A8MS

Tgt Ion: 95 Resp: 79511

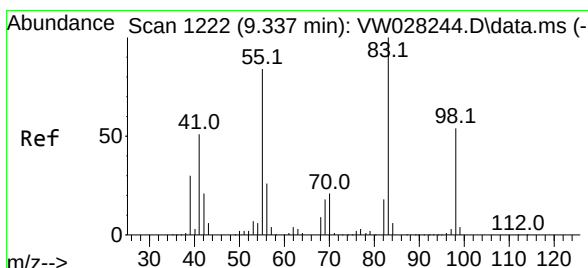
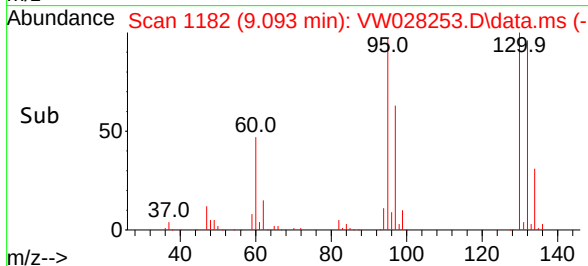
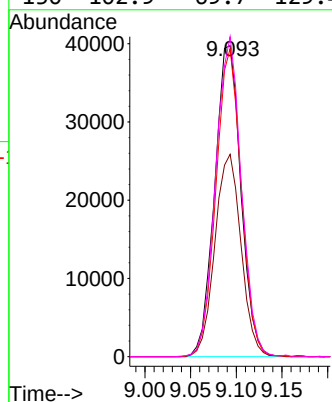
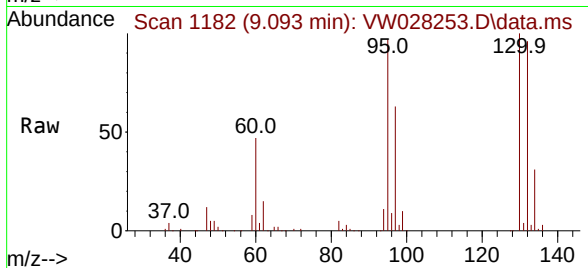
Ion Ratio Lower Upper

95 100

97 65.0 42.4 78.6

132 99.0 69.4 128.8

130 102.9 69.7 129.4



#35

Methylcyclohexane

Concen: 18.146 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

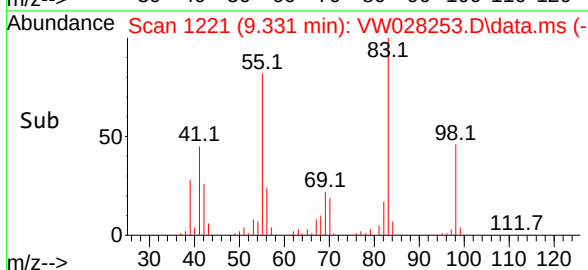
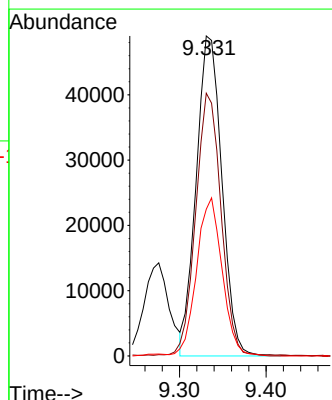
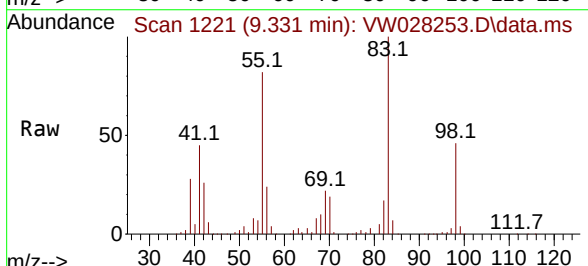
Tgt Ion: 83 Resp: 101063

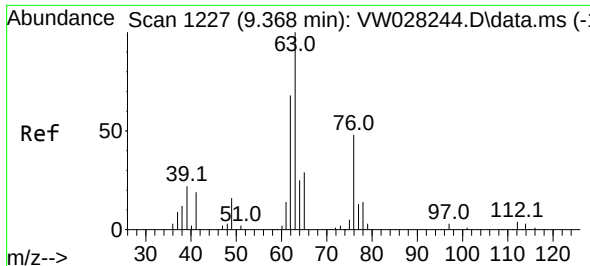
Ion Ratio Lower Upper

83 100

55 81.0 64.2 96.4

98 49.1 38.3 57.5





#37

1,2-Dichloropropane

Concen: 29.217 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

Instrument :

MSVOA_W

ClientSampleId :

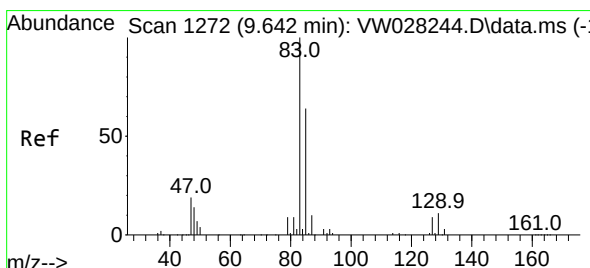
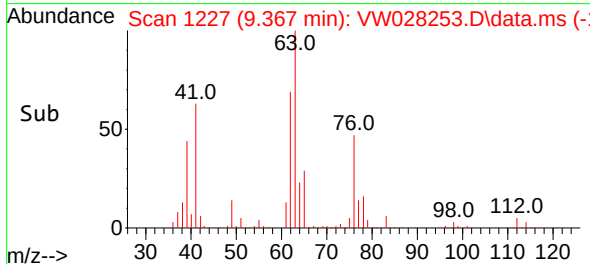
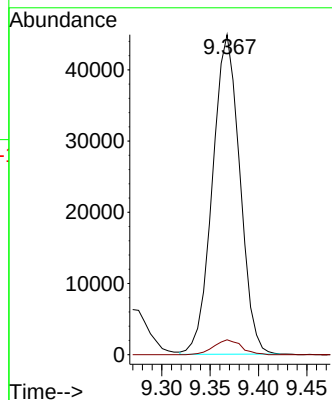
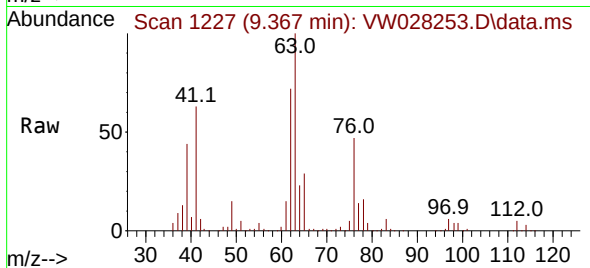
E07A8MS

Tgt Ion: 63 Resp: 88260

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 28.220 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

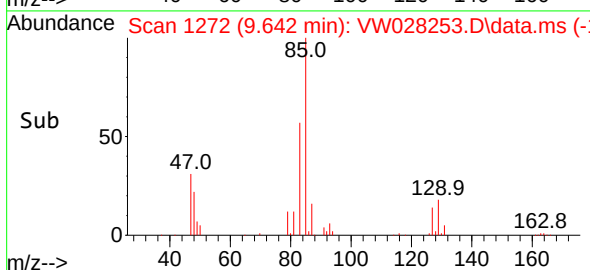
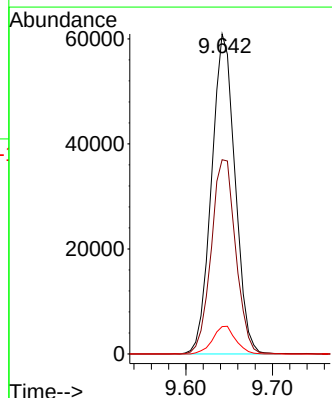
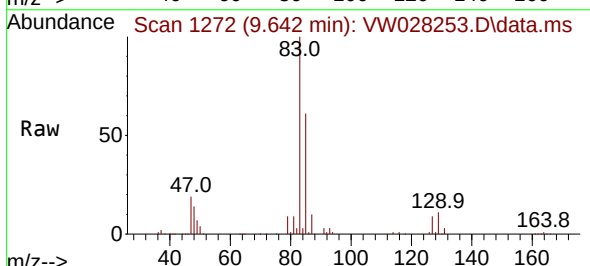
Tgt Ion: 83 Resp: 114932

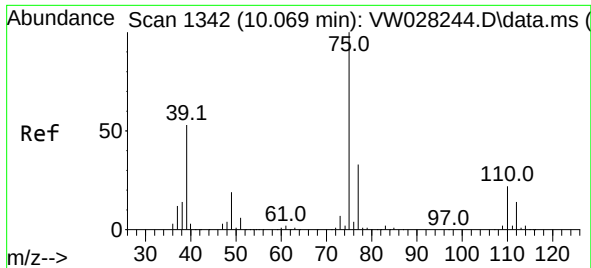
Ion Ratio Lower Upper

83 100

85 60.7 45.8 85.2

127 8.5 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 25.388 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

Instrument :

MSVOA_W

ClientSampleId :

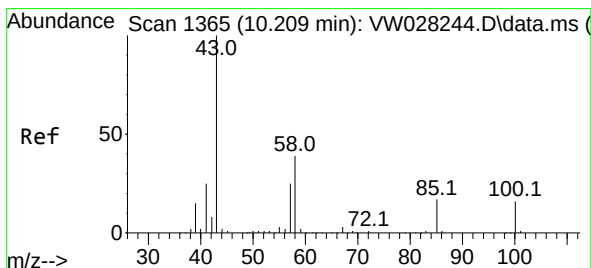
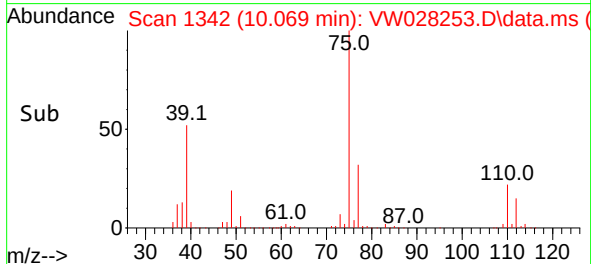
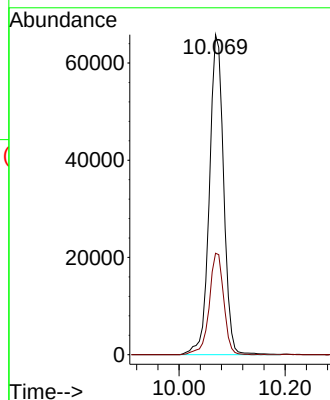
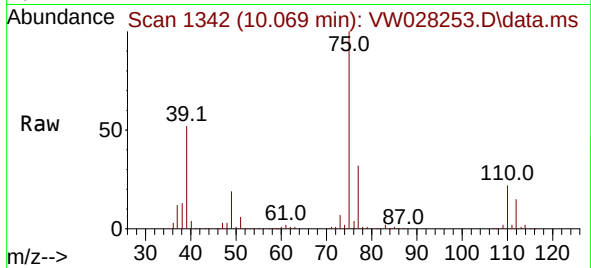
E07A8MS

Tgt Ion: 75 Resp: 122823

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 60.901 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

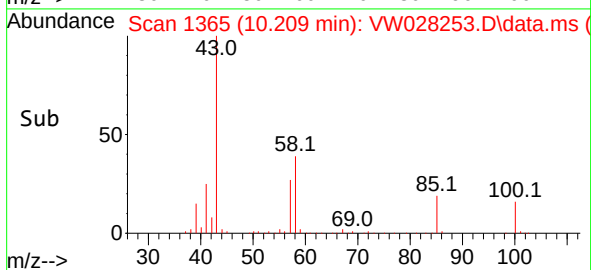
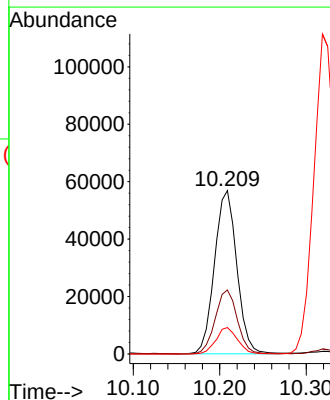
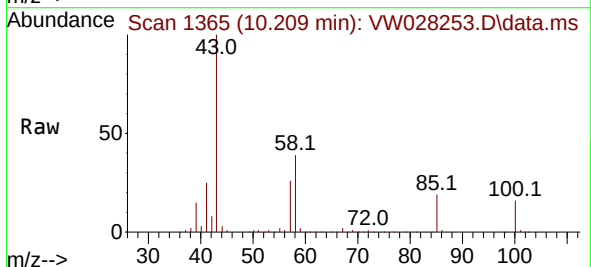
Tgt Ion: 43 Resp: 101548

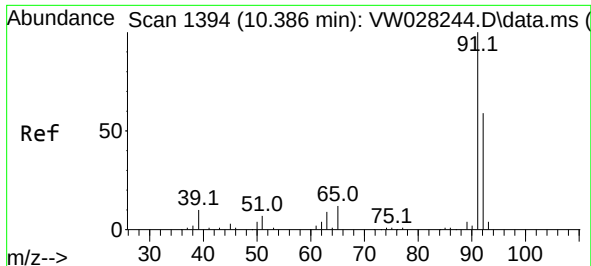
Ion Ratio Lower Upper

43 100

58 39.0 30.1 45.1

100 15.8 11.8 17.8





#42

Toluene

Concen: 24.834 ug/L

RT: 10.386 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

Instrument :

MSVOA_W

ClientSampleId :

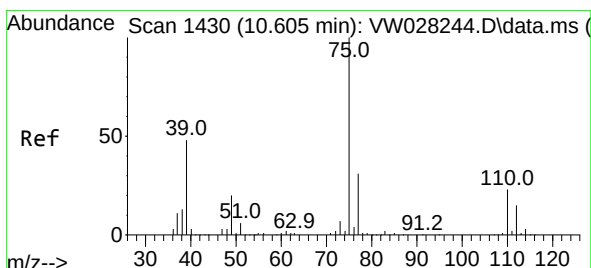
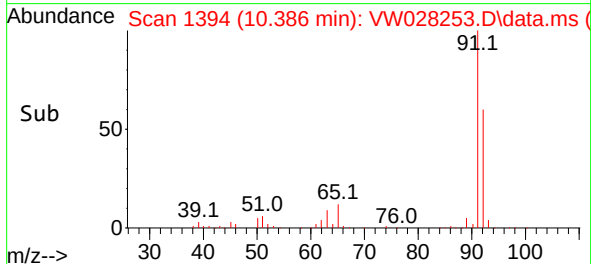
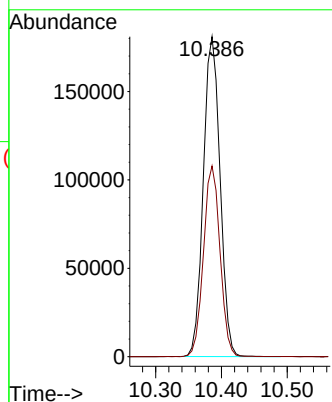
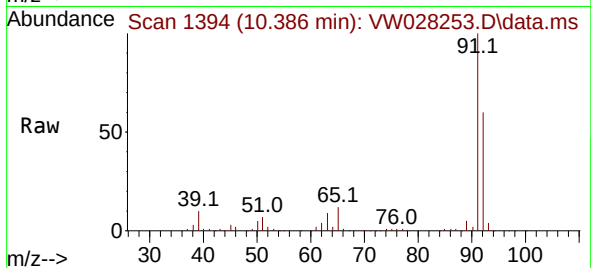
E07A8MS

Tgt Ion: 91 Resp: 320100

Ion Ratio Lower Upper

91 100

92 59.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 22.791 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028253.D

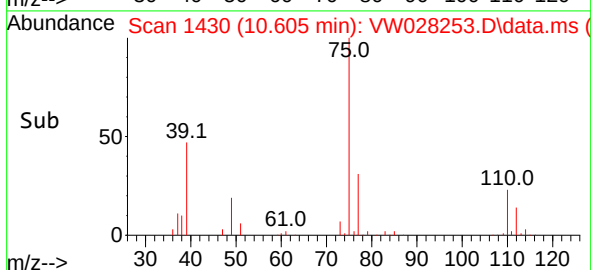
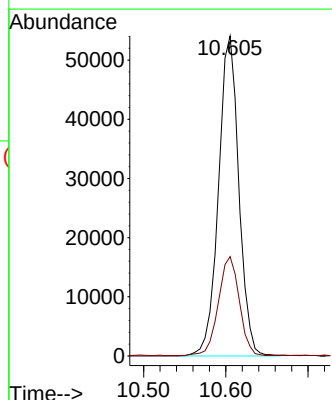
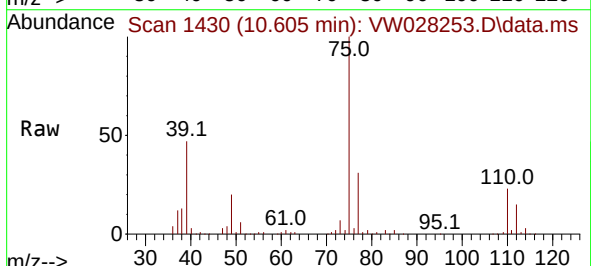
Acq: 27 Mar 2024 16:13

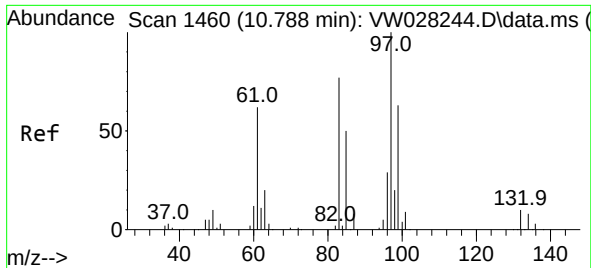
Tgt Ion: 75 Resp: 93088

Ion Ratio Lower Upper

75 100

77 31.1 23.0 42.6

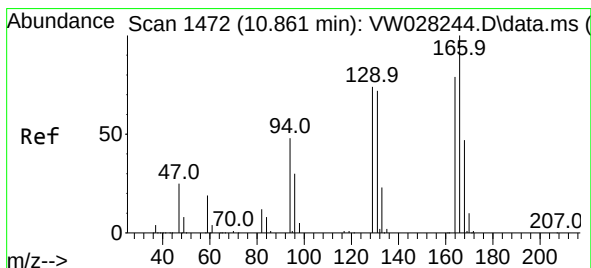
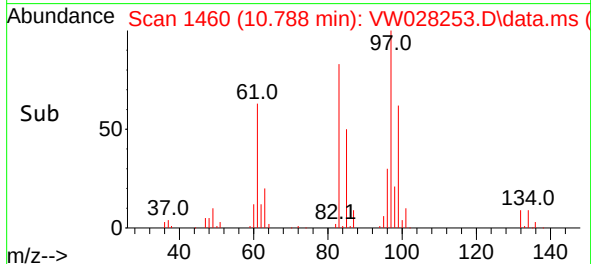
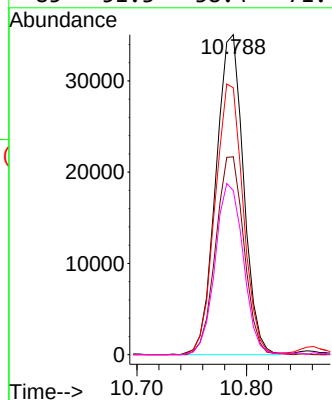
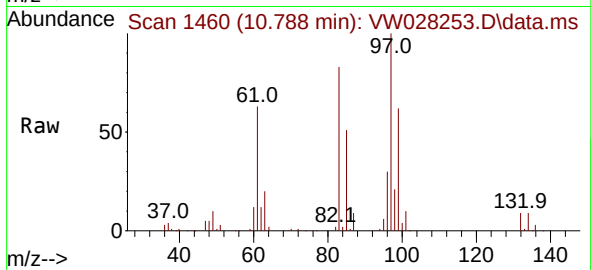




#45
1,1,2-Trichloroethane
Concen: 28.198 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

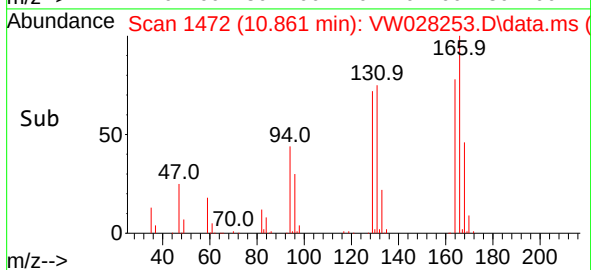
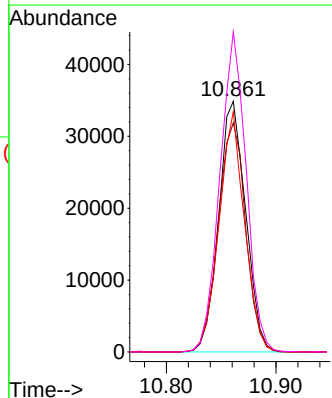
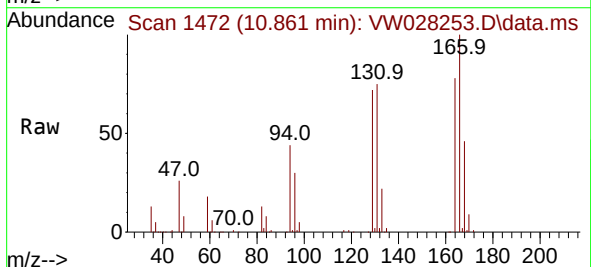
Instrument :
MSVOA_W
ClientSampleId :
E07A8MS

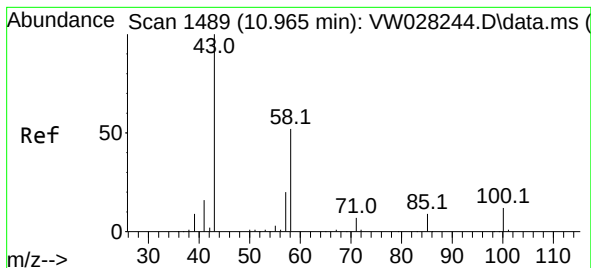
Tgt Ion:	97	Resp:	61543
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.4	80.6
83	83.4	59.4	110.4
85	51.3	38.4	71.4



#46
Tetrachloroethene
Concen: 22.418 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

Tgt Ion:	164	Resp:	59543
Ion	Ratio	Lower	Upper
164	100		
129	91.4	64.0	119.0
131	95.8	62.6	116.3
166	127.6	84.7	157.3





#48

2-Hexanone

Concen: 60.565 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

Instrument :

MSVOA_W

ClientSampleId :

E07A8MS

Tgt Ion: 43 Resp: 79108

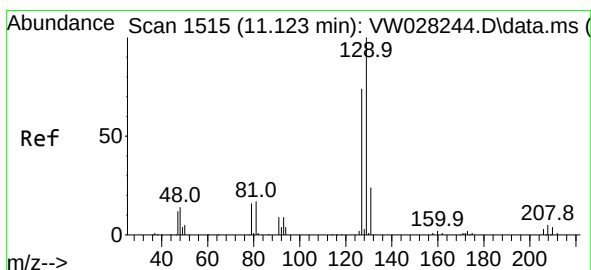
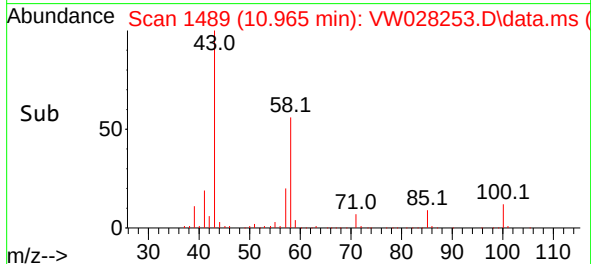
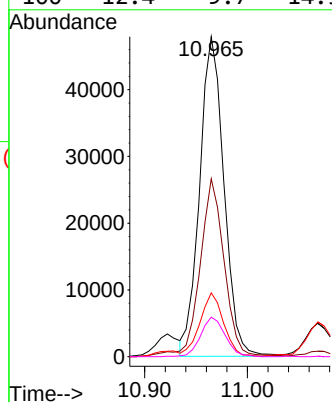
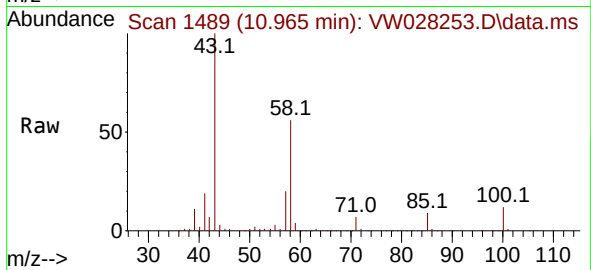
Ion Ratio Lower Upper

43 100

58 54.2 40.6 61.0

57 19.5 15.7 23.5

100 12.4 9.7 14.5



#49

Dibromochloromethane

Concen: 26.753 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW028253.D

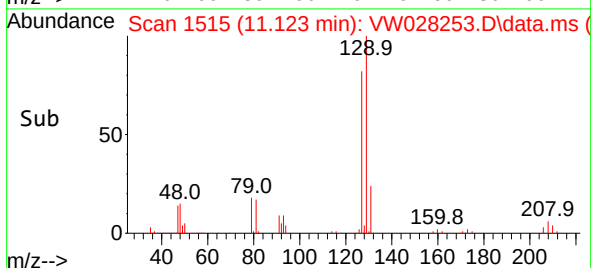
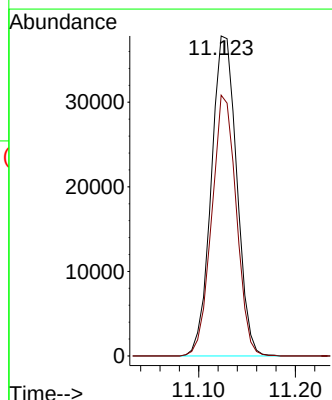
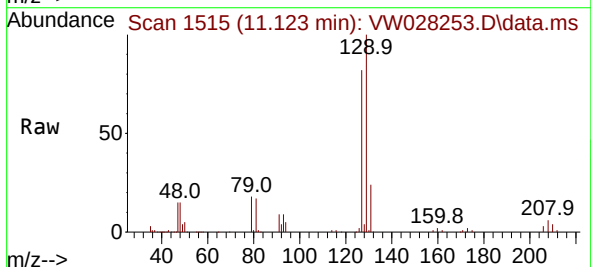
Acq: 27 Mar 2024 16:13

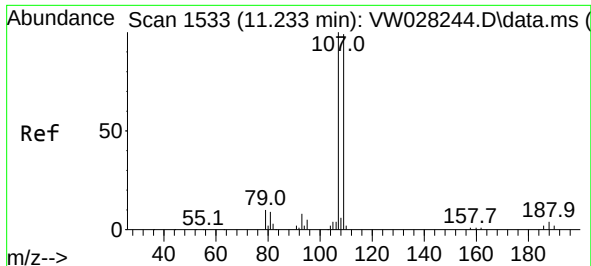
Tgt Ion:129 Resp: 69151

Ion Ratio Lower Upper

129 100

127 81.5 53.1 98.7





#50

1,2-Dibromoethane

Concen: 25.758 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

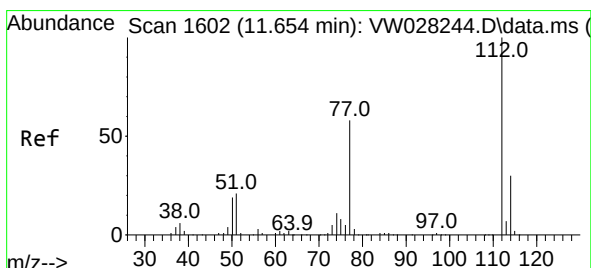
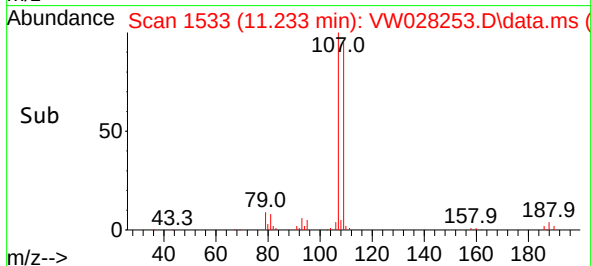
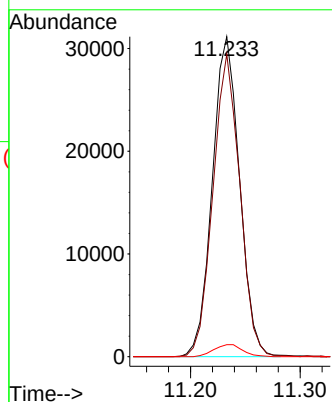
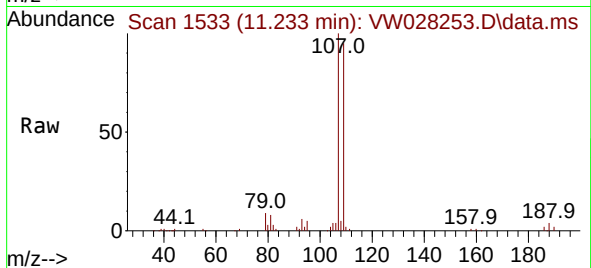
Instrument :

MSVOA_W

ClientSampleId :

E07A8MS

Tgt Ion:107	Resp:	53756
Ion Ratio	Lower	Upper
107	100	
109	94.5	64.4 119.6
188	3.8	3.4 5.2



#51

Chlorobenzene

Concen: 21.053 ug/L

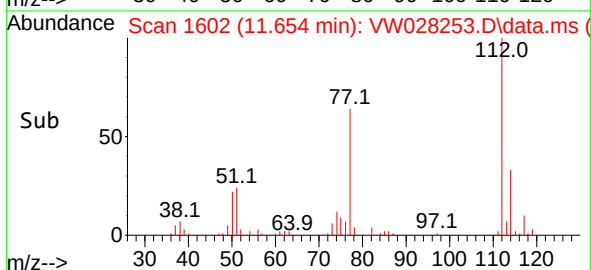
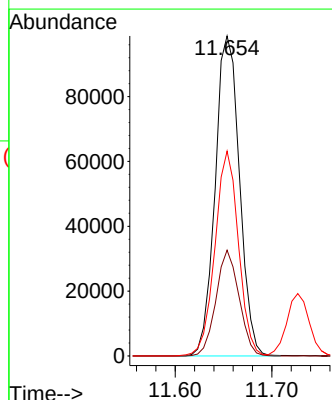
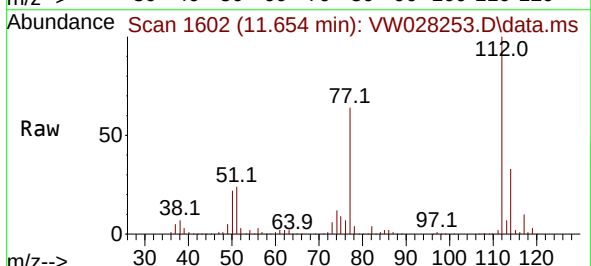
RT: 11.654 min Scan# 1602

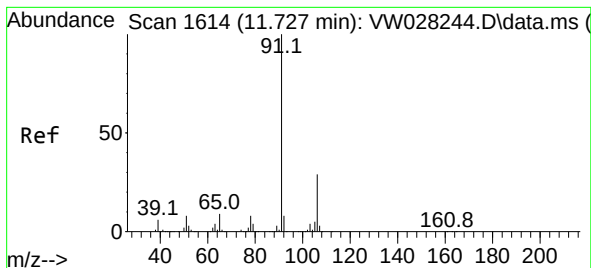
Delta R.T. -0.000 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

Tgt Ion:112	Resp:	172242
Ion Ratio	Lower	Upper
112	100	
114	33.1	21.8 40.6
77	64.0	50.6 76.0

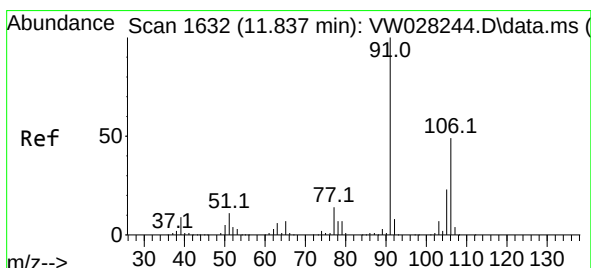
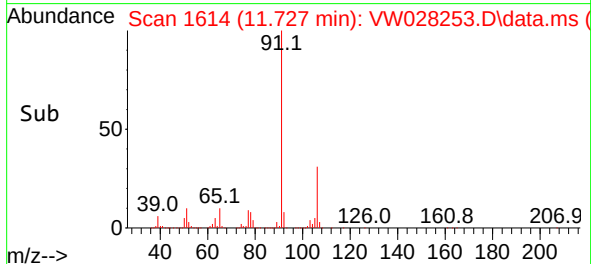
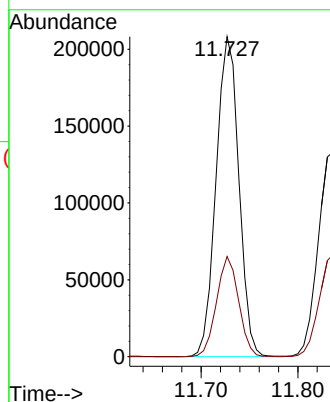
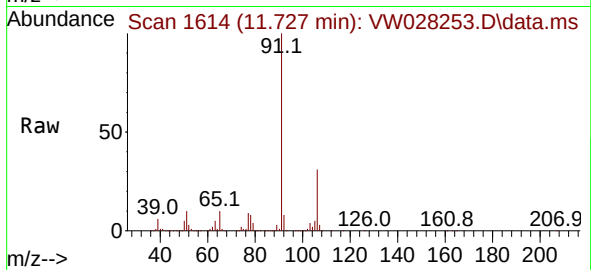




#52
Ethylbenzene
Concen: 22.618 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

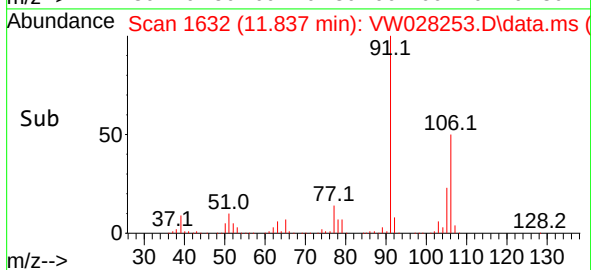
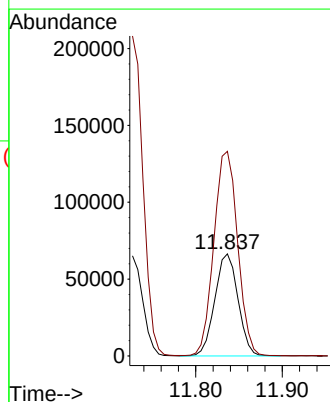
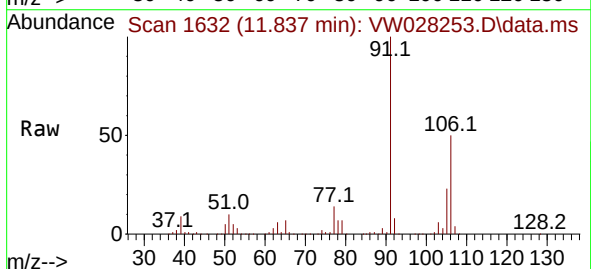
Instrument :
MSVOA_W
ClientSampleId :
E07A8MS

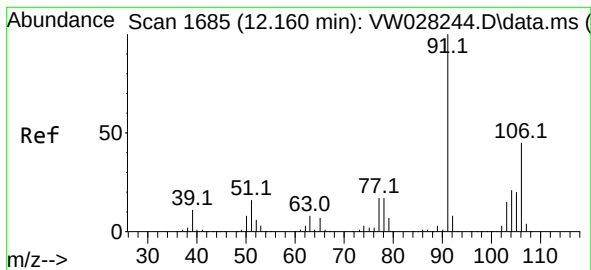
Tgt Ion: 91 Resp: 340322
Ion Ratio Lower Upper
91 100
106 31.3 21.3 39.5



#53
m,p-Xylene
Concen: 21.786 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

Tgt Ion: 106 Resp: 123358
Ion Ratio Lower Upper
106 100
91 200.6 147.1 273.1





#54

o-Xylene

Concen: 23.623 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

Instrument :

MSVOA_W

ClientSampleId :

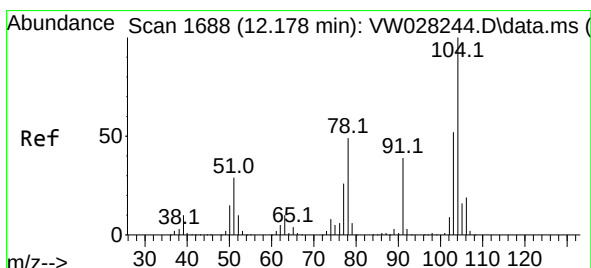
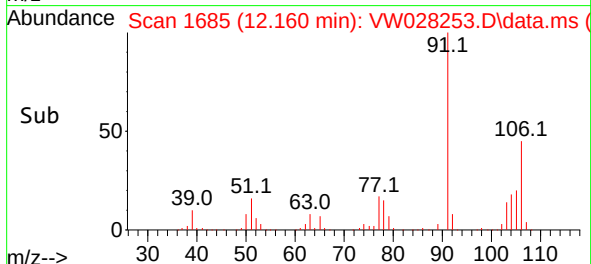
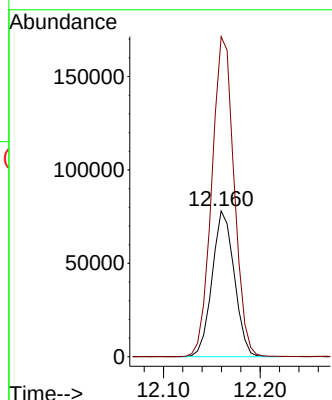
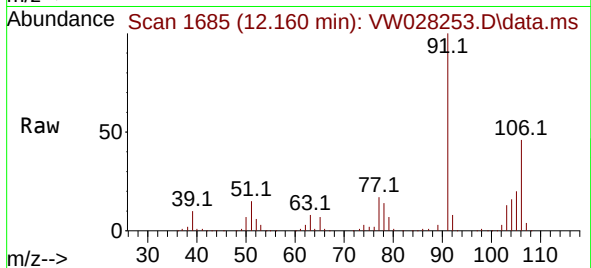
E07A8MS

Tgt Ion:106 Resp: 124038

Ion Ratio Lower Upper

106 100

91 219.6 149.2 277.2



#55

Styrene

Concen: 18.396 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028253.D

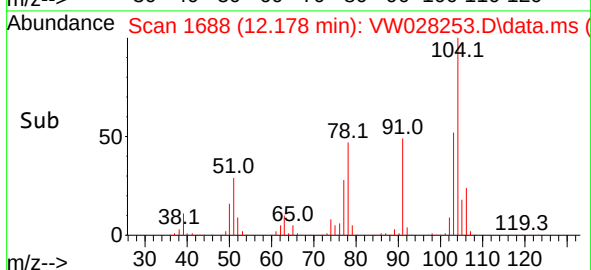
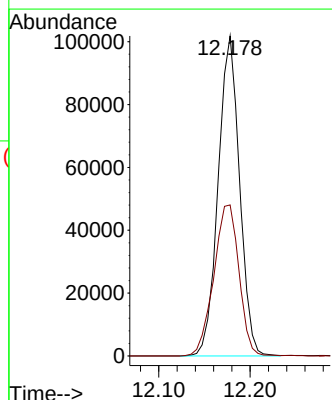
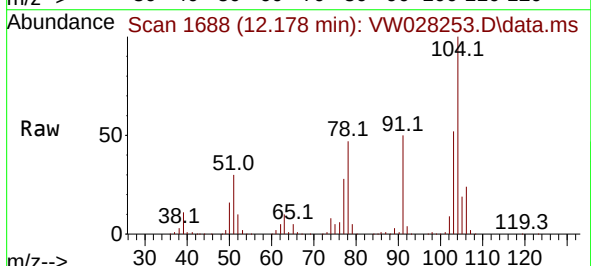
Acq: 27 Mar 2024 16:13

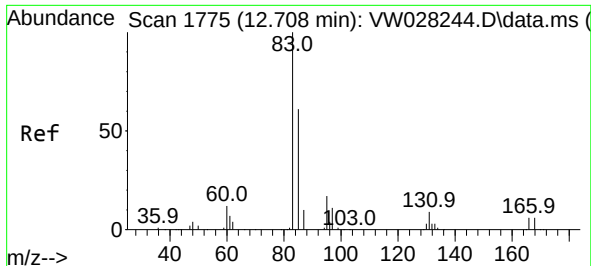
Tgt Ion:104 Resp: 165918

Ion Ratio Lower Upper

104 100

78 47.2 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 25.085 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

Instrument :

MSVOA_W

ClientSampleId :

E07A8MS

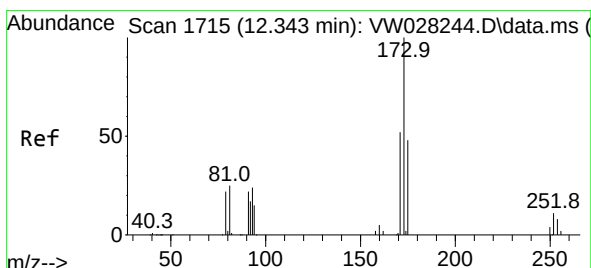
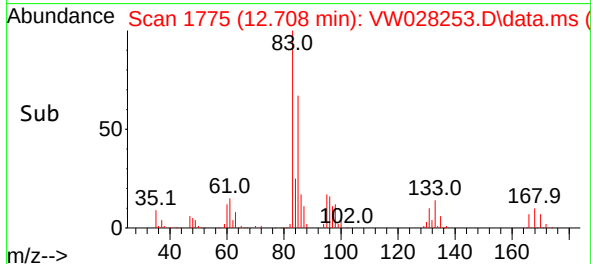
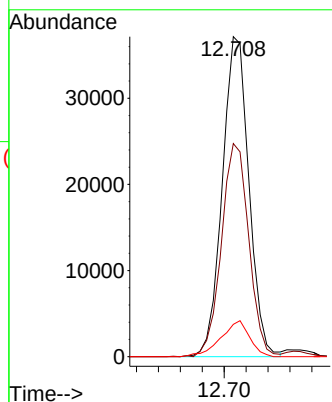
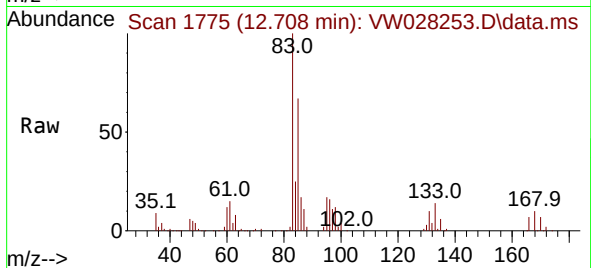
Tgt Ion: 83 Resp: 62623

Ion Ratio Lower Upper

83 100

85 66.6 47.0 87.2

131 10.1 8.9 13.3



#59

Bromoform

Concen: 40.874 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

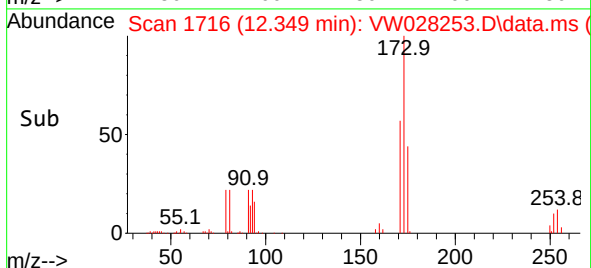
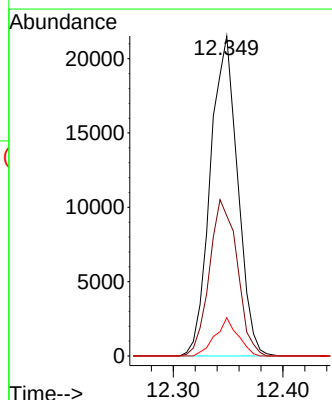
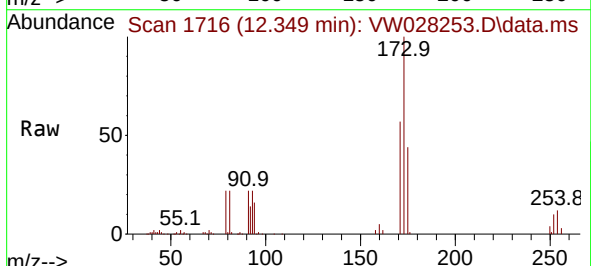
Tgt Ion:173 Resp: 37174

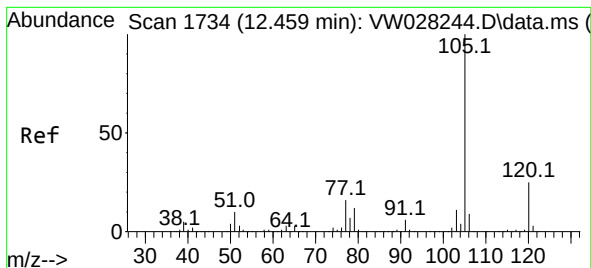
Ion Ratio Lower Upper

173 100

175 49.7 39.8 59.6

254 9.9 8.5 12.7





#60

Isopropylbenzene

Concen: 36.178 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

Instrument :

MSVOA_W

ClientSampleId :

E07A8MS

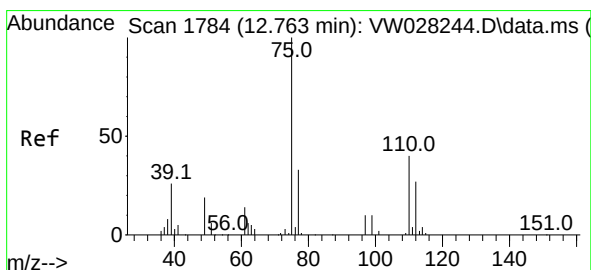
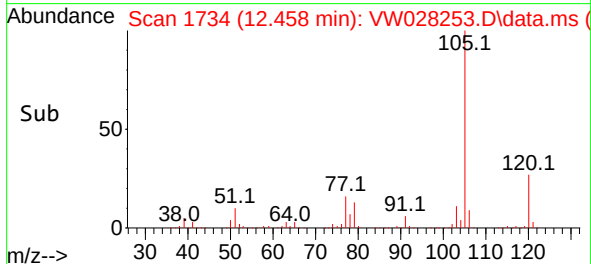
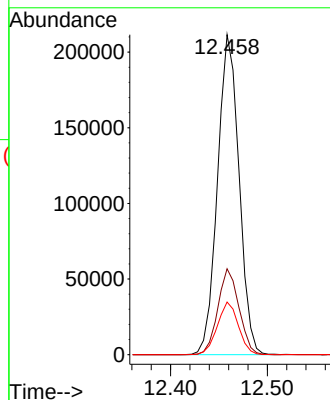
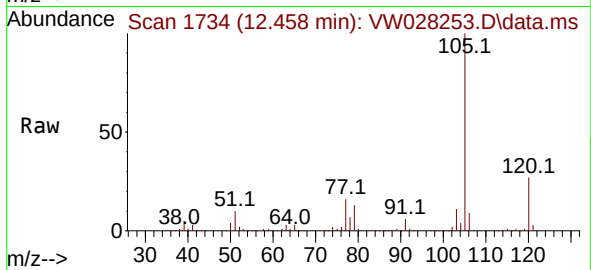
Tgt Ion:105 Resp: 326243

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.6

77 16.1 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 42.829 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

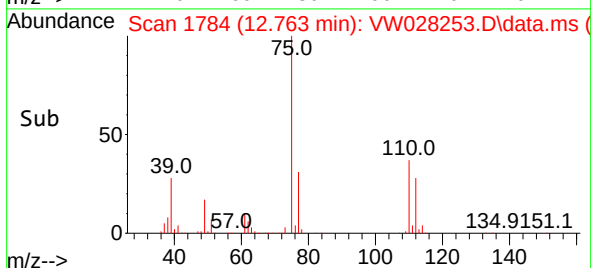
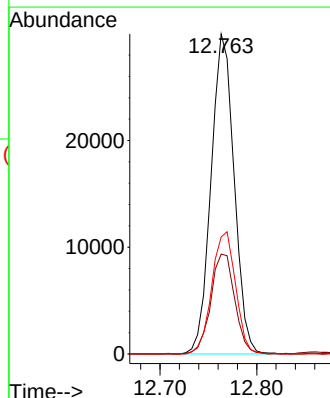
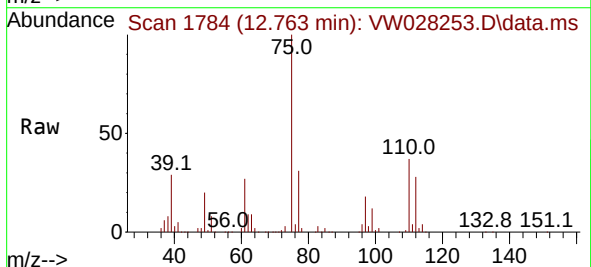
Tgt Ion: 75 Resp: 49611

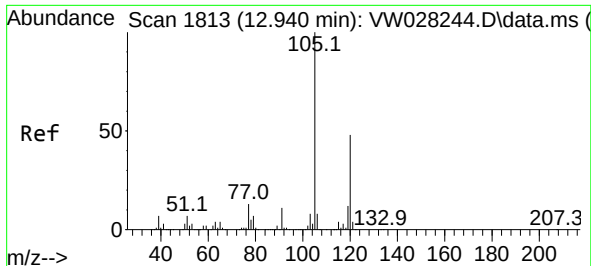
Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

110 39.3 32.2 48.2

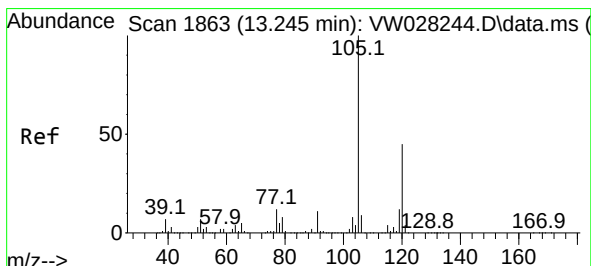
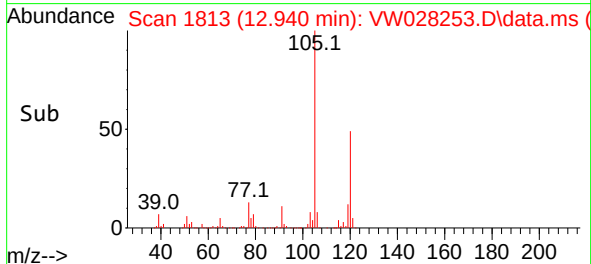
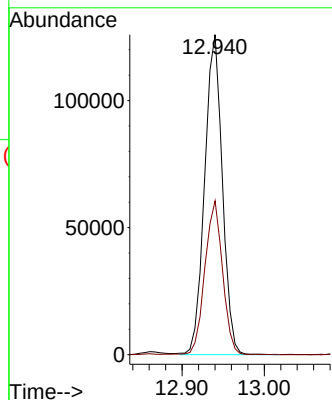
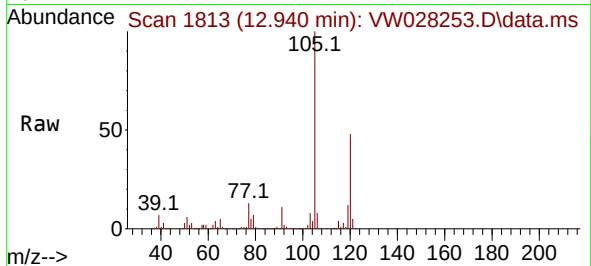




#62
1,3,5-Trimethylbenzene
Concen: 31.123 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

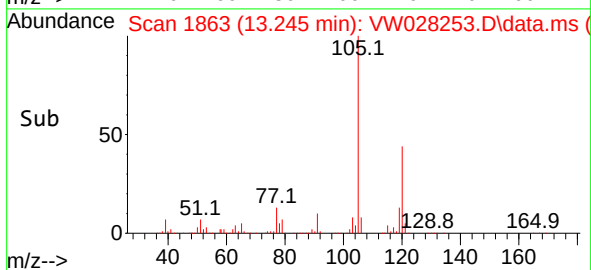
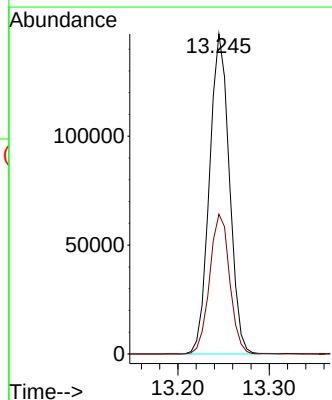
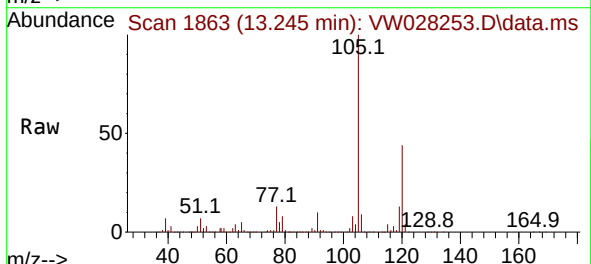
Instrument :
MSVOA_W
ClientSampleId :
E07A8MS

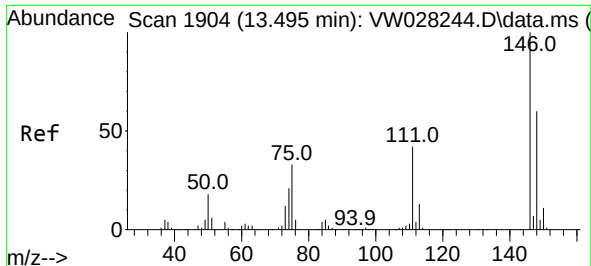
Tgt Ion:105 Resp: 188312
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 30.393 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

Tgt Ion:105 Resp: 222050
Ion Ratio Lower Upper
105 100
120 43.9 35.6 53.4

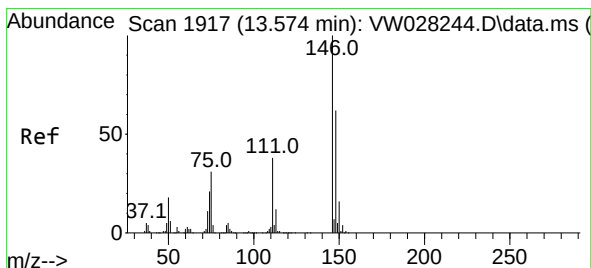
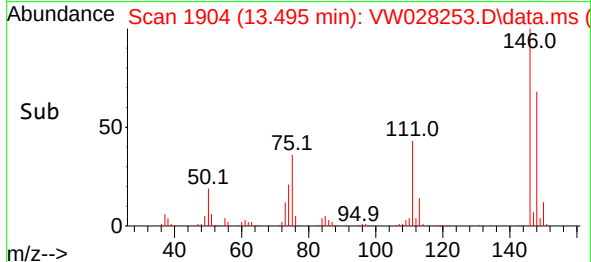
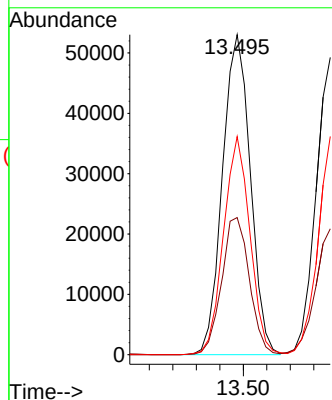
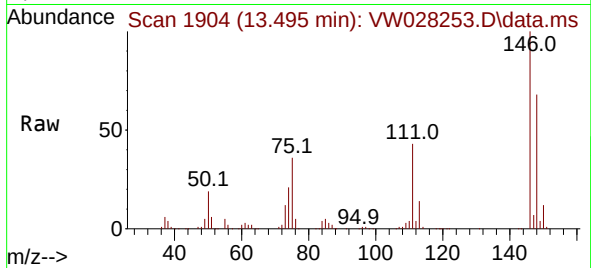




#64
1,3-Dichlorobenzene
Concen: 21.714 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

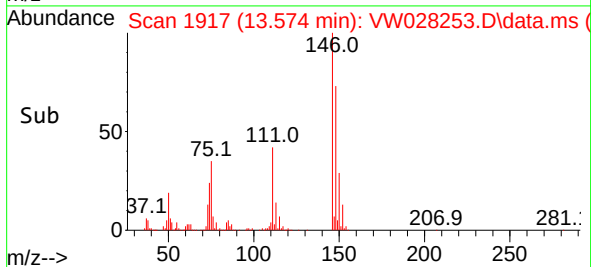
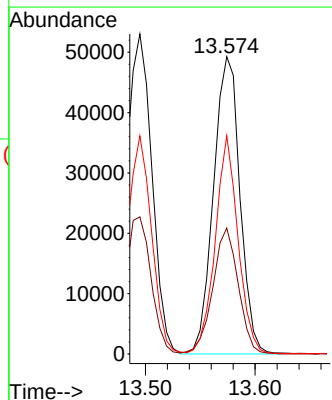
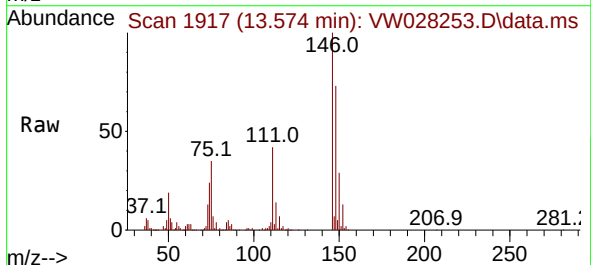
Instrument :
MSVOA_W
ClientSampleId :
E07A8MS

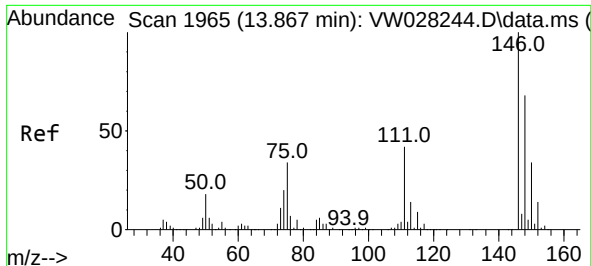
Tgt Ion:146 Resp: 87355
Ion Ratio Lower Upper
146 100
111 42.9 28.5 52.9
148 68.1 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 20.532 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

Tgt Ion:146 Resp: 82597
Ion Ratio Lower Upper
146 100
111 42.4 28.8 53.6
148 73.4 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 25.664 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.006 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

Instrument :

MSVOA_W

ClientSampleId :

E07A8MS

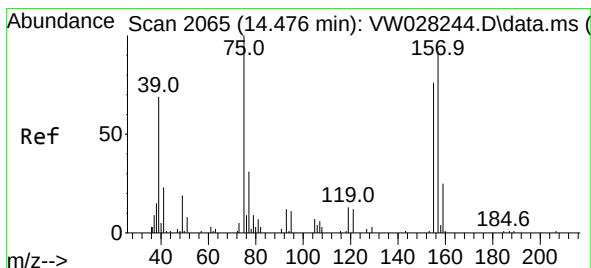
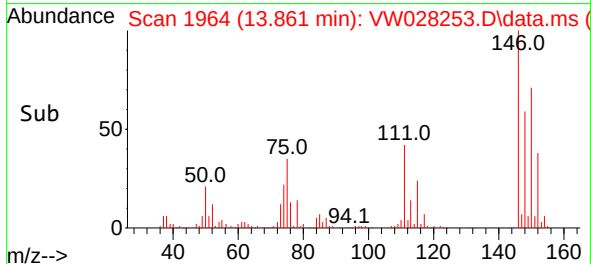
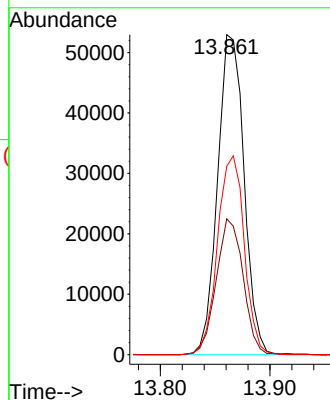
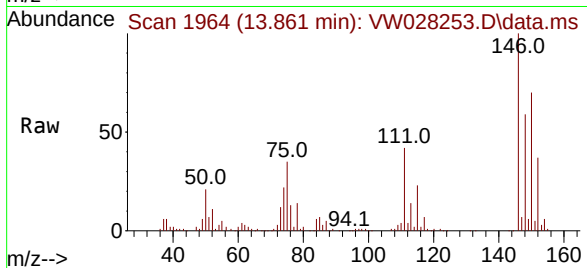
Tgt Ion:146 Resp: 88912

Ion Ratio Lower Upper

146 100

111 42.5 34.2 51.2

148 58.9 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 36.552 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028253.D

Acq: 27 Mar 2024 16:13

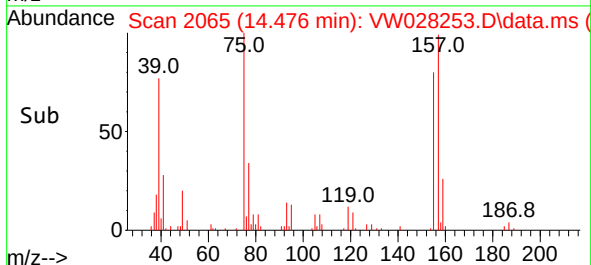
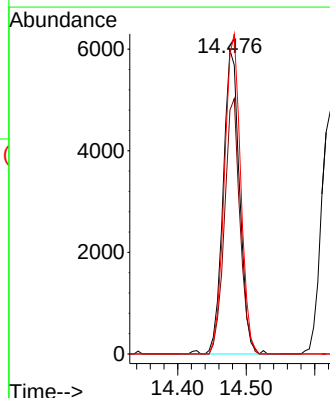
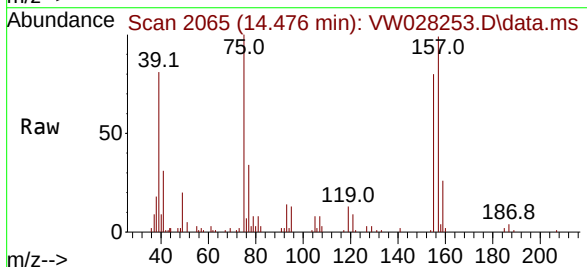
Tgt Ion: 75 Resp: 9946

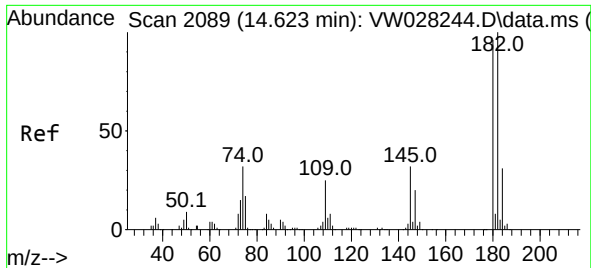
Ion Ratio Lower Upper

75 100

155 80.2 61.1 91.7

157 98.6 74.2 111.4

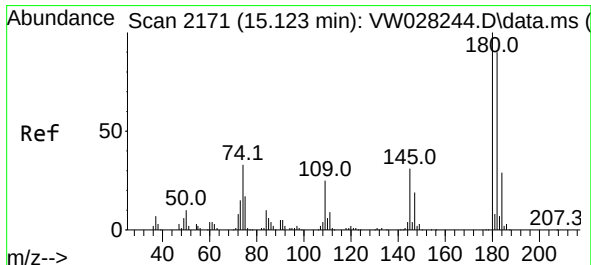
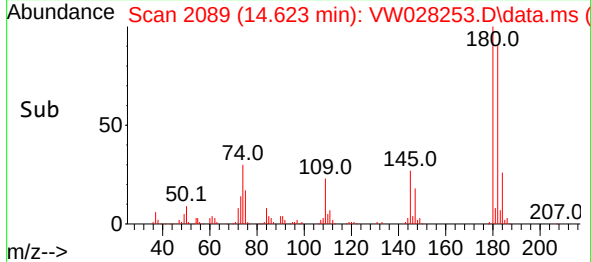
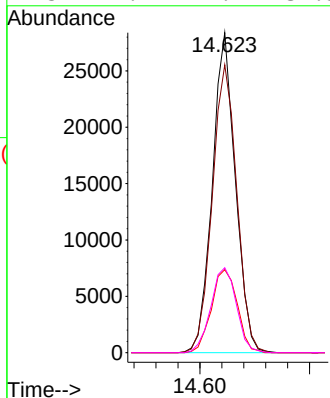
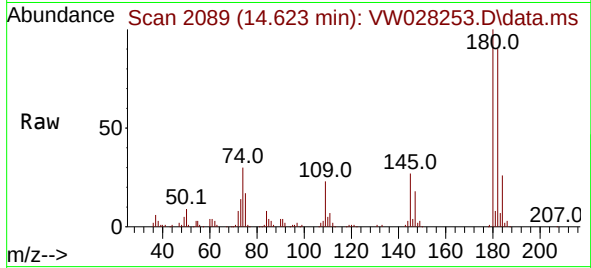




#69
1,3,5-Trichlorobenzene
Concen: 14.787 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

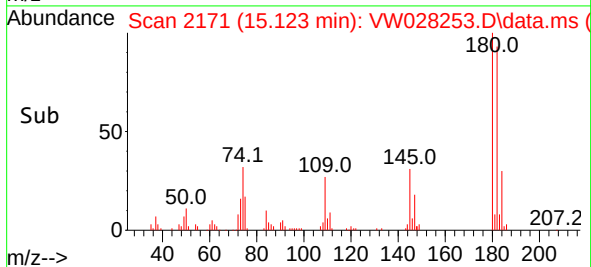
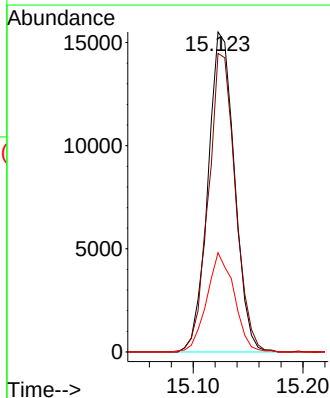
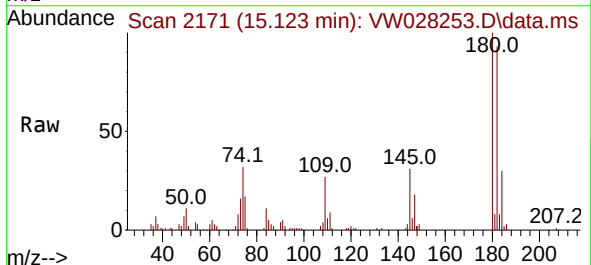
Instrument :
MSVOA_W
ClientSampleId :
E07A8MS

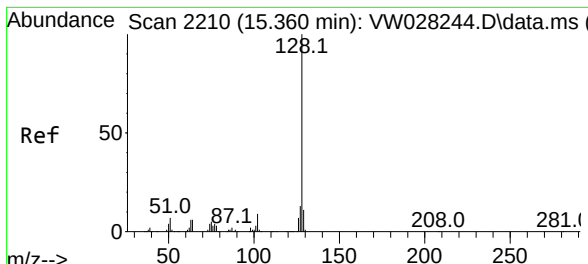
Tgt Ion:180	Resp:	41439
Ion Ratio	Lower	Upper
180	100	
182	95.6	76.6 114.8
184	29.1	23.5 35.3
145	29.4	24.9 37.3



#70
1,2,4-trichlorobenzene
Concen: 10.970 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

Tgt Ion:180	Resp:	26116
Ion Ratio	Lower	Upper
180	100	
182	94.6	73.8 110.8
145	32.1	25.0 37.6

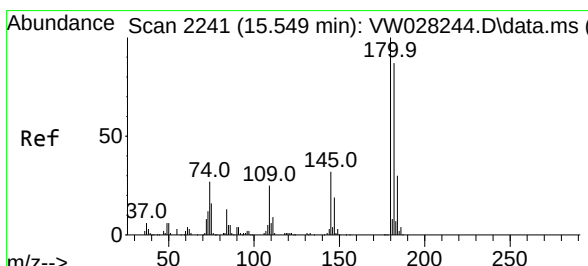
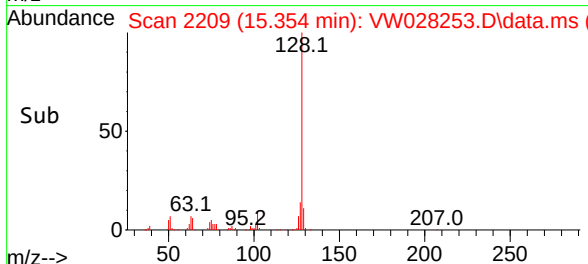
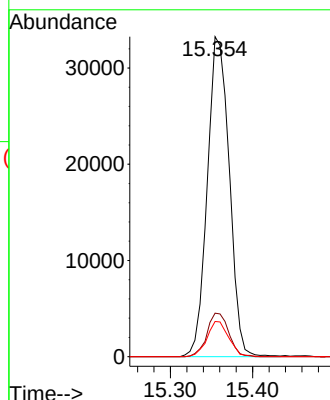
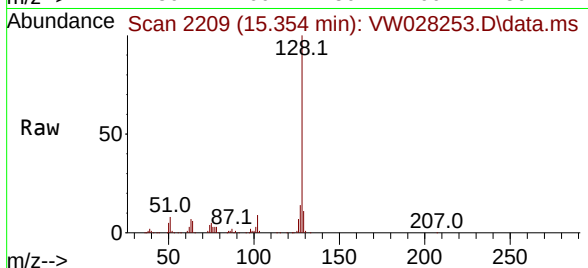




#71
Naphthalene
Concen: 15.121 ug/L
RT: 15.354 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

Instrument :
MSVOA_W
ClientSampleId :
E07A8MS

Tgt Ion:	128	Resp:	61788
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.9	16.3
129	10.9	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 11.169 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW028253.D
Acq: 27 Mar 2024 16:13

Tgt Ion:	180	Resp:	21919
Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.0	114.0
145	35.1	27.1	40.7

