

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042324\
 Data File : VW028512.D
 Acq On : 23 Apr 2024 09:25
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 24 01:17:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 23 02:42:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	331111	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	296541	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	145223	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	95391	17.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.880%
7) Chloroethane-d5	2.899	69	81137	20.167	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.680%
11) 1,1-Dichloroethene-d2	4.027	65	44537	19.813	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.240%
21) 2-Butanone-d5	7.081	46	48297	48.622	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.240%
24) Chloroform-d	7.648	84	204111	23.624	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.480%
26) 1,2-Dichloroethane-d4	8.307	65	107371	23.913	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.640%
32) Benzene-d6	8.276	84	383920	23.699	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	9.276	67	114262	23.729	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.920%
41) Toluene-d8	10.319	98	344058	23.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.440%
43) trans-1,3-Dichloroprop...	10.575	79	45353	23.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.760%
47) 2-Hexanone-d5	10.922	63	33195	49.767	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87127	25.645	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	108006	23.517	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	86515	19.427	ug/L	99
3) Chloromethane	2.222	50	115064	22.007	ug/L	99
5) Vinyl chloride	2.375	62	140942	22.635	ug/L	98
6) Bromomethane	2.789	94	85056	21.863	ug/L	97
8) Chloroethane	2.936	64	85294	22.723	ug/L	97
9) Trichlorofluoromethane	3.271	101	116780	23.509	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	109575	23.447	ug/L	97
12) 1,1-Dichloroethene	4.045	96	105280	23.993	ug/L	87
13) Acetone	4.131	43	56249	46.119	ug/L	100
14) Carbon disulfide	4.387	76	321533	22.257	ug/L	98
15) Methyl Acetate	4.673	43	43211	22.019	ug/L	99
16) Methylene chloride	4.923	84	111376	22.230	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	109837	23.763	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	152991	23.530	ug/L	98
19) 1,1-Dichloroethane	6.216	63	221506	24.596	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	119566	24.373	ug/L	97
22) 2-Butanone	7.173	43	64464	43.553	ug/L	99
23) Bromochloromethane	7.514	128	49296	23.329	ug/L	87
25) Chloroform	7.679	83	219549	24.818	ug/L	96

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 Quant Title : SFAM01.0
 QLast Update : Tue Apr 23 02:42:24 2024
 Response via : Initial Calibration

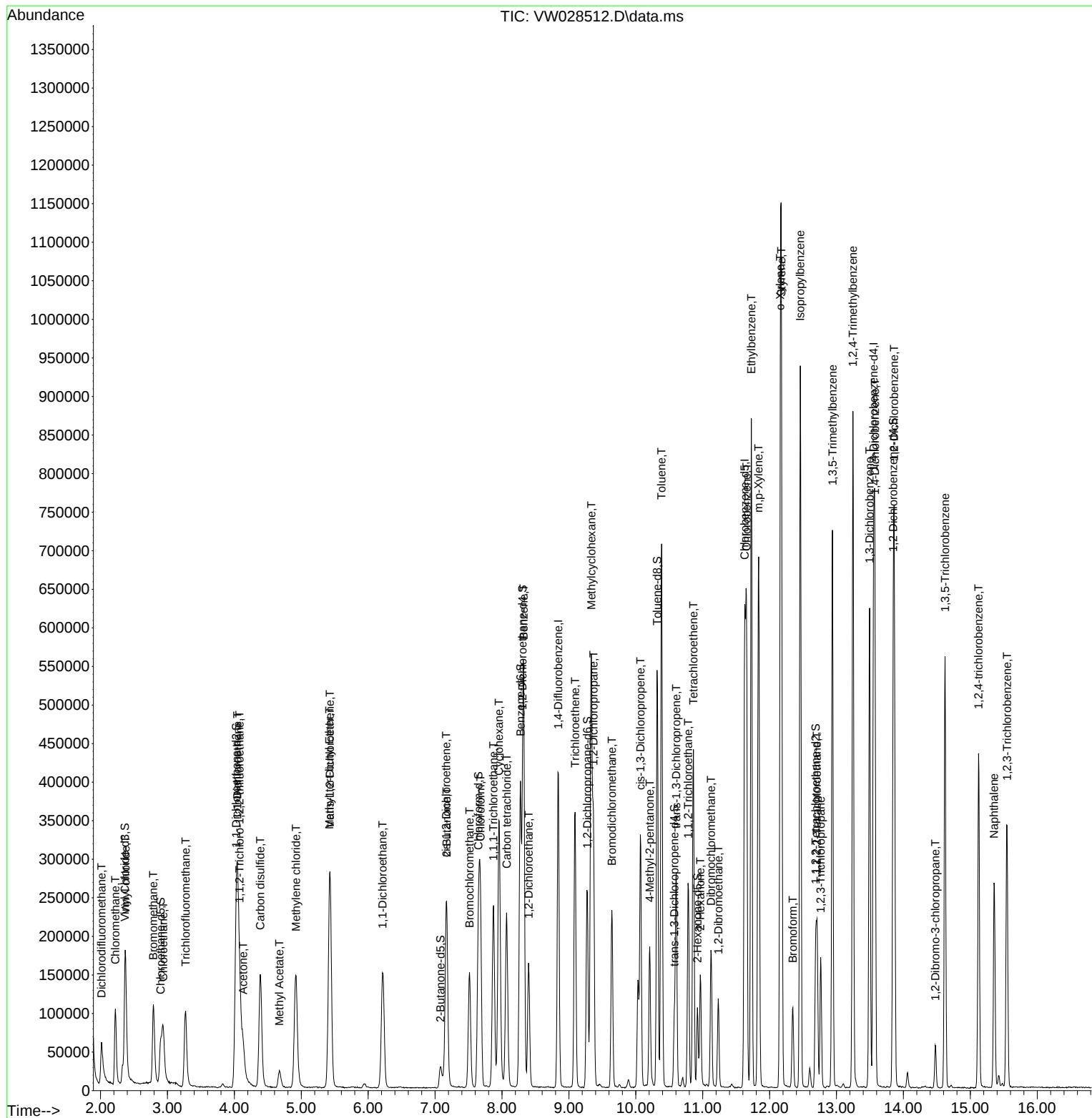
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	147517	24.160	ug/L	99
29) Cyclohexane	7.953	56	198920	25.395	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	180541	25.103	ug/L	99
31) Carbon tetrachloride	8.069	117	166251	26.068	ug/L	97
33) Benzene	8.325	78	469709	25.334	ug/L	100
34) Trichloroethene	9.093	95	123917	24.662	ug/L	98
35) Methylcyclohexane	9.337	83	216590	25.261	ug/L	99
37) 1,2-Dichloropropane	9.367	63	120959	25.031	ug/L	100
38) Bromodichloromethane	9.642	83	150234	25.082	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	179820	25.375	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	123189	50.924	ug/L	100
42) Toluene	10.386	91	502662	25.591	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	143627	25.054	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	80546	24.637	ug/L	96
46) Tetrachloroethene	10.861	164	95314	25.396	ug/L	94
48) 2-Hexanone	10.965	43	94466	49.196	ug/L	99
49) Dibromochloromethane	11.123	129	90681	25.951	ug/L	98
50) 1,2-Dibromoethane	11.233	107	73740	24.712	ug/L #	94
51) Chlorobenzene	11.654	112	298951	24.486	ug/L	99
52) Ethylbenzene	11.727	91	570249	25.611	ug/L	100
53) m,p-Xylene	11.837	106	211919	25.594	ug/L	89
54) o-Xylene	12.160	106	196375	25.471	ug/L	97
55) Styrene	12.178	104	340902	25.980	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	89523	24.196	ug/L	98
59) Bromoform	12.349	173	45060	23.506	ug/L	98
60) Isopropylbenzene	12.458	105	574611	26.393	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67300	25.348	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	365855	26.365	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	438734	26.272	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	236217	25.570	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	236675	25.186	ug/L	95
67) 1,2-Dichlorobenzene	13.861	146	199623	24.566	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	13897	22.841	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	160557	25.257	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	123686	24.916	ug/L	93
71) Naphthalene	15.354	128	218872	24.913	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	108652	24.665	ug/L	98

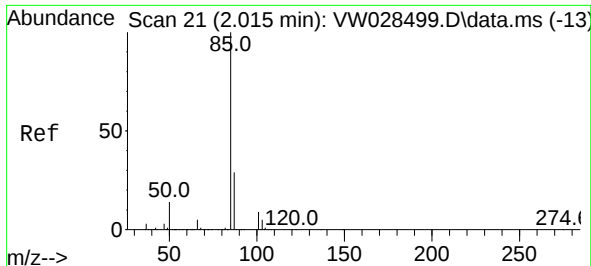
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Data File : VW028512.D
Acq On : 23 Apr 2024 09:25
Operator : SY/MD
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Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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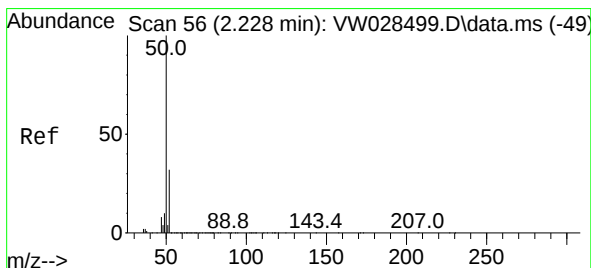
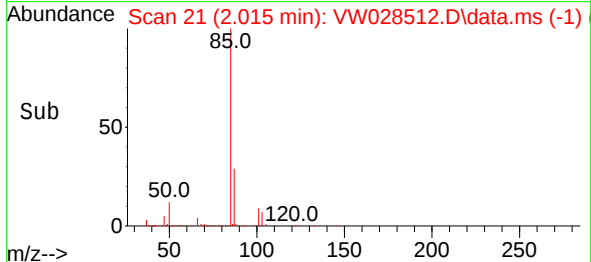
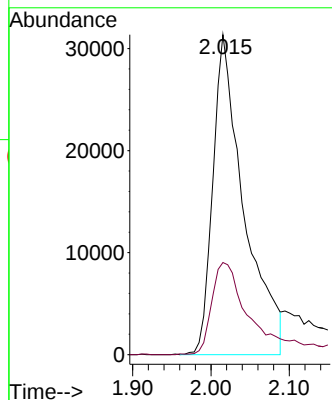
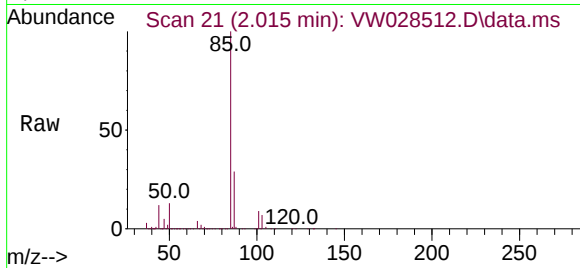




#2
 Dichlorodifluoromethane
 Concen: 19.427 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028512.D
 Acq: 23 Apr 2024 09:25

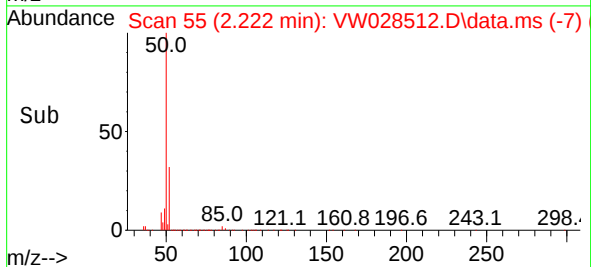
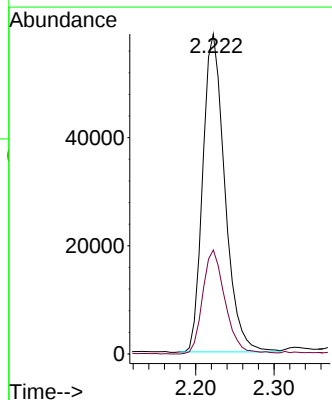
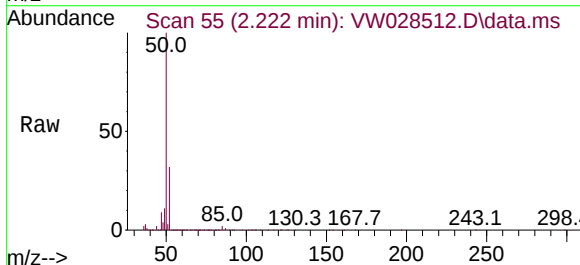
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 ClientSampleId :

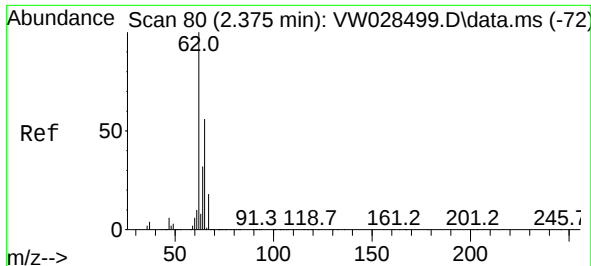
Tgt Ion: 85 Resp: 86515
 Ion Ratio Lower Upper
 85 100
 87 29.6 23.4 35.0



#3
 Chloromethane
 Concen: 22.007 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW028512.D
 Acq: 23 Apr 2024 09:25

Tgt Ion: 50 Resp: 115064
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.0 42.6

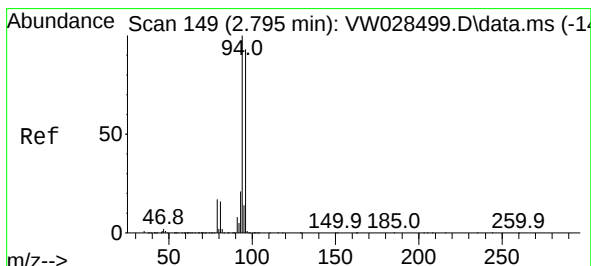
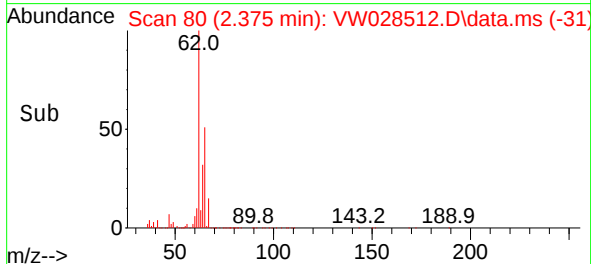
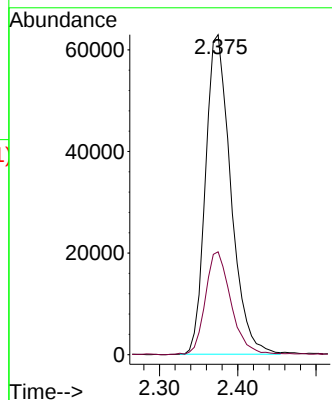
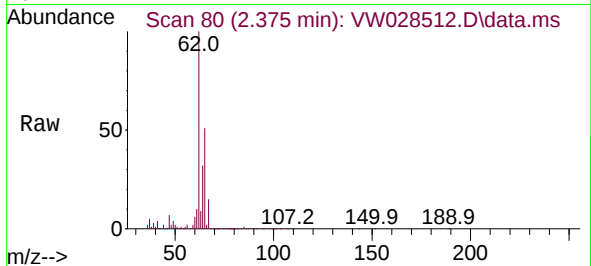




#5
 Vinyl chloride
 Concen: 22.635 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028512.D
 Acq: 23 Apr 2024 09:25

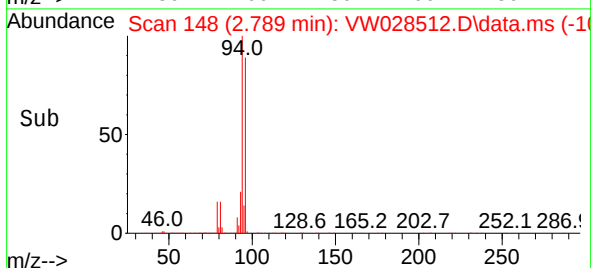
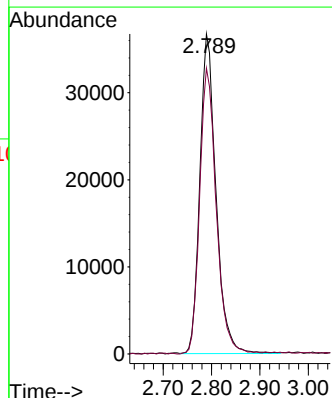
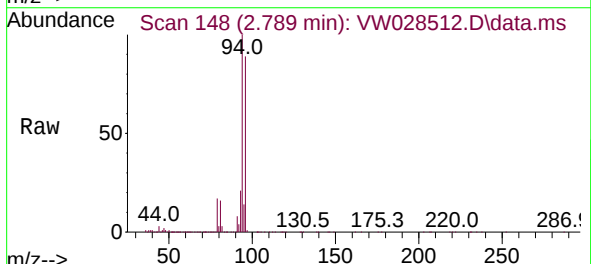
Instrument :
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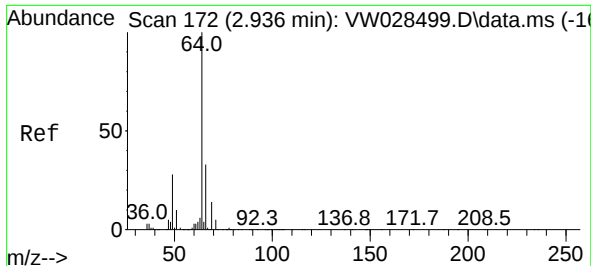
Tgt Ion: 62 Resp: 140942
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.1 42.9



#6
 Bromomethane
 Concen: 21.863 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028512.D
 Acq: 23 Apr 2024 09:25

Tgt Ion: 94 Resp: 85056
 Ion Ratio Lower Upper
 94 100
 96 89.3 64.3 119.5

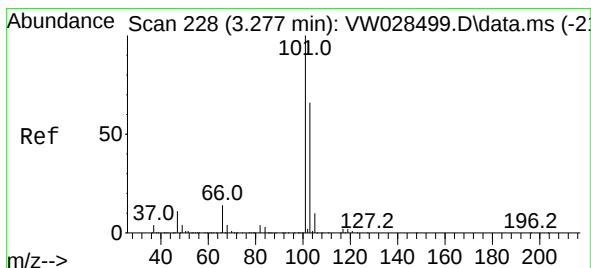
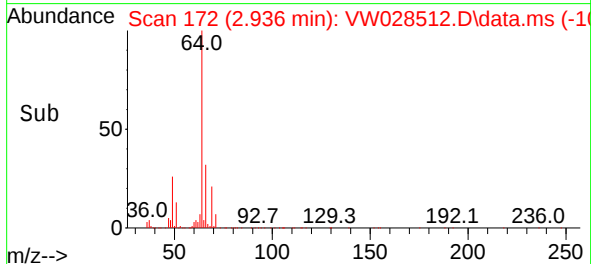
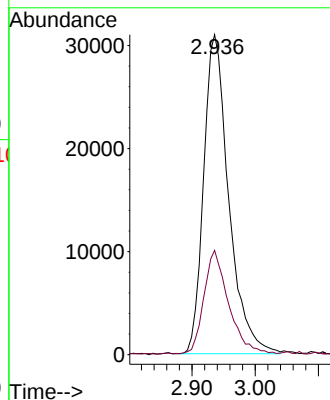
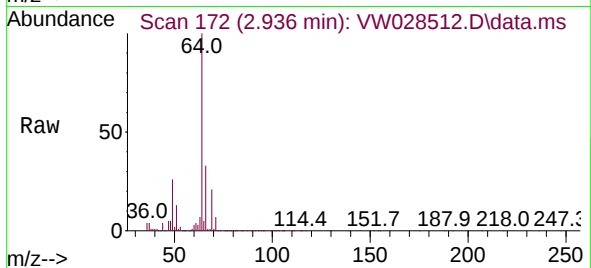




#8
Chloroethane
Concen: 22.723 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028512.D
Acq: 23 Apr 2024 09:25

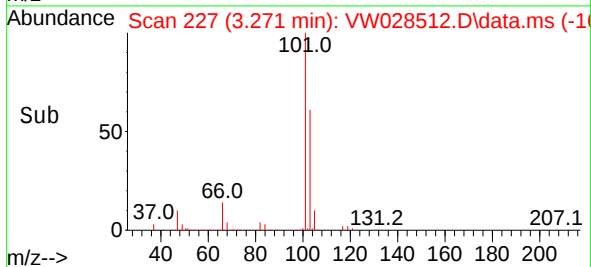
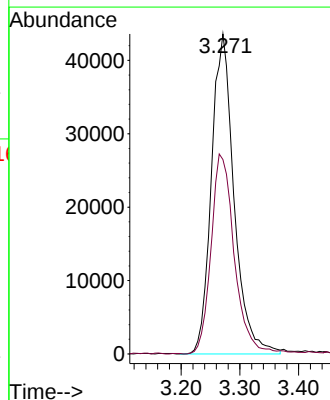
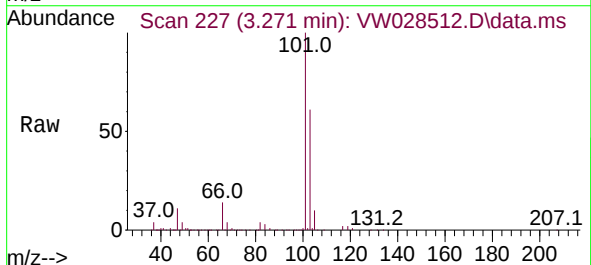
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MSVOA_W
ClientSampleId :

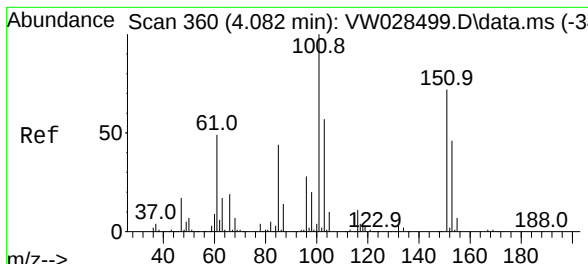
Tgt Ion: 64 Resp: 85294
Ion Ratio Lower Upper
64 100
66 32.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.509 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028512.D
Acq: 23 Apr 2024 09:25

Tgt Ion:101 Resp: 116780
Ion Ratio Lower Upper
101 100
103 63.8 52.0 78.0

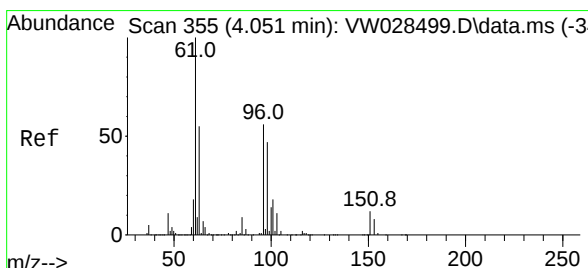
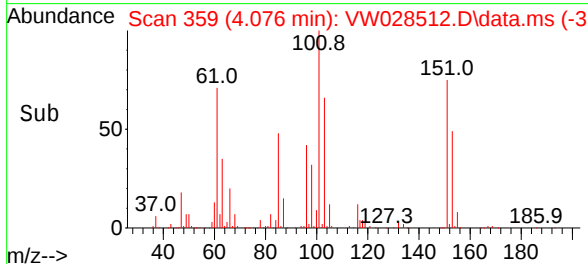
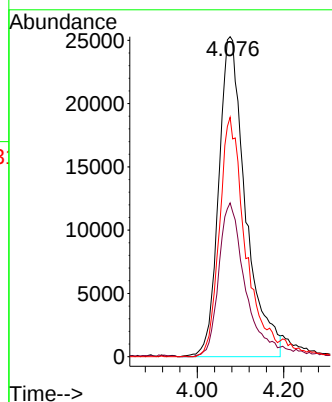
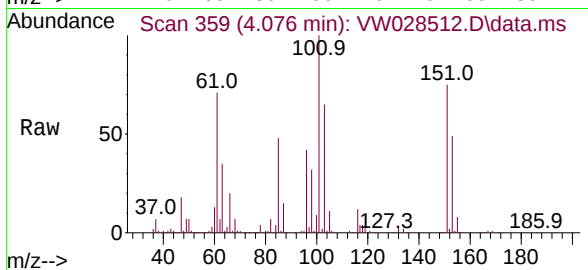




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.447 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW028512.D
 Acq: 23 Apr 2024 09:25

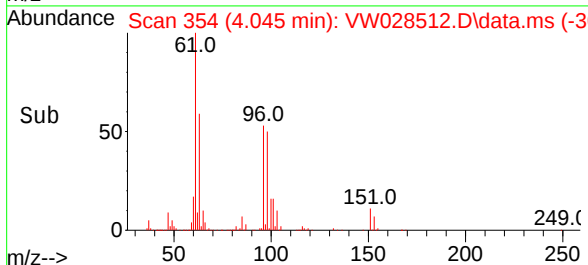
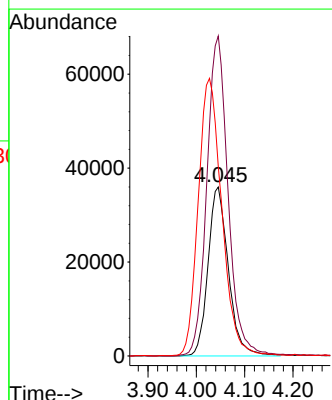
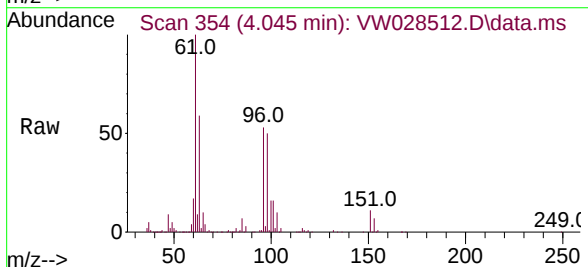
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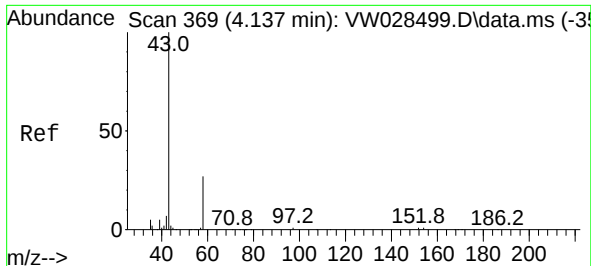
Tgt Ion: 101 Resp: 109575
 Ion Ratio Lower Upper
 101 100
 85 45.6 34.5 51.7
 151 69.8 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 23.993 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW028512.D
 Acq: 23 Apr 2024 09:25

Tgt Ion: 96 Resp: 105280
 Ion Ratio Lower Upper
 96 100
 61 189.3 130.5 242.5
 63 112.1 101.5 188.5

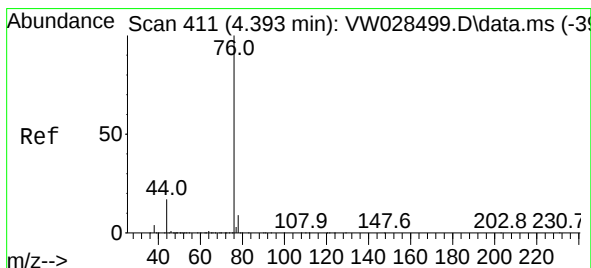
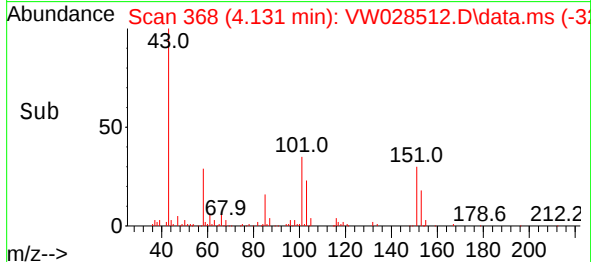
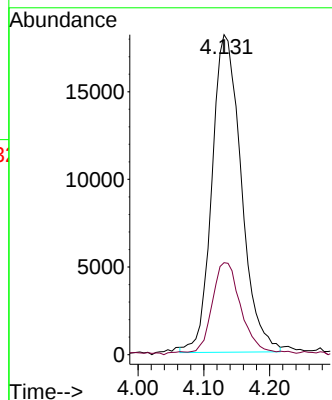
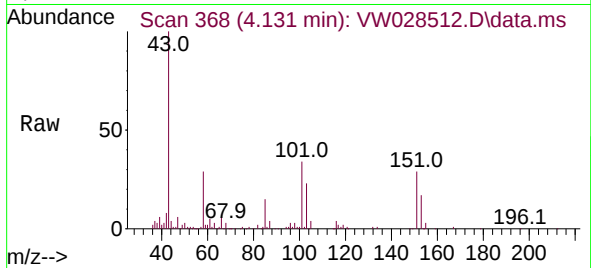




#13
Acetone
Concen: 46.119 ug/L
RT: 4.131 min Scan# 368
Delta R.T. -0.006 min
Lab File: VW028512.D
Acq: 23 Apr 2024 09:25

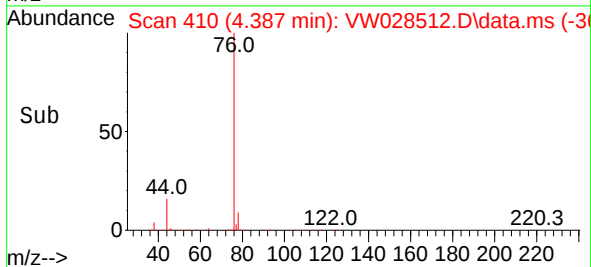
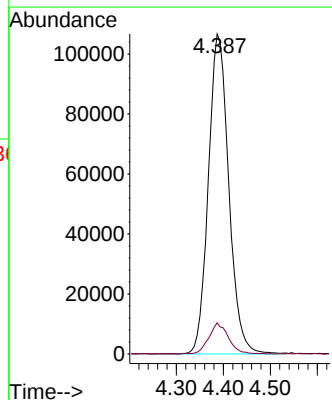
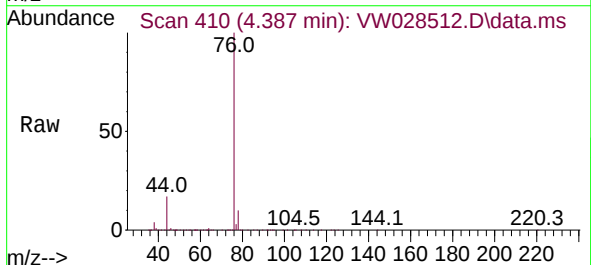
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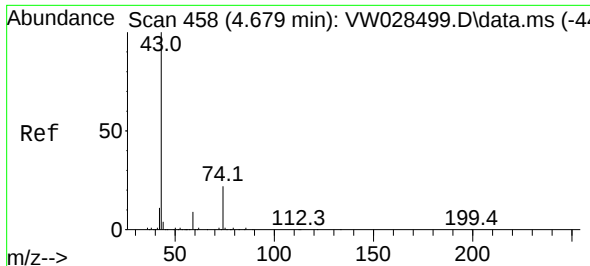
Tgt Ion: 43 Resp: 56249
Ion Ratio Lower Upper
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58 26.9 0.0 53.4



#14
Carbon disulfide
Concen: 22.257 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW028512.D
Acq: 23 Apr 2024 09:25

Tgt Ion: 76 Resp: 321533
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9





#15

Methyl Acetate

Concen: 22.019 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.006 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

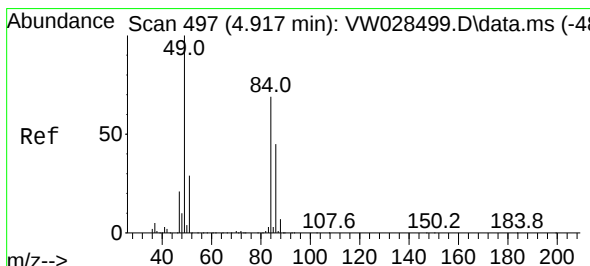
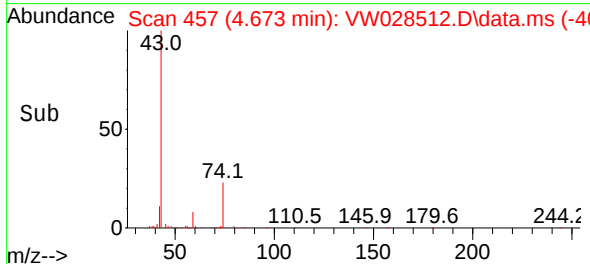
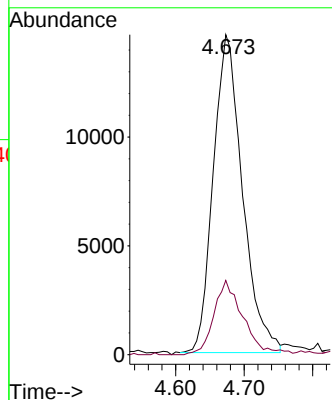
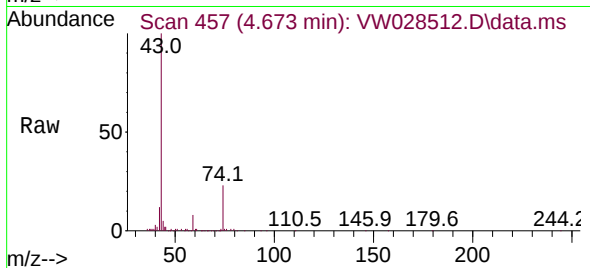
ClientSampleId :

Tgt Ion: 43 Resp: 43211

Ion Ratio Lower Upper

43 100

74 22.2 17.4 26.0



#16

Methylene chloride

Concen: 22.230 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

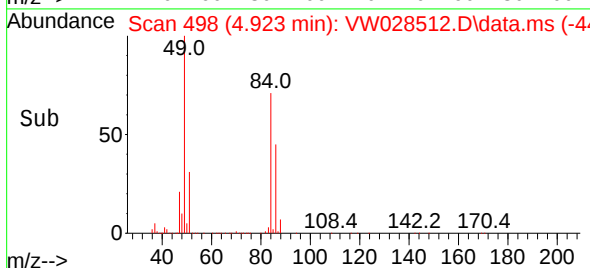
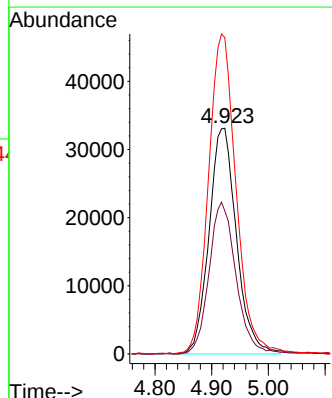
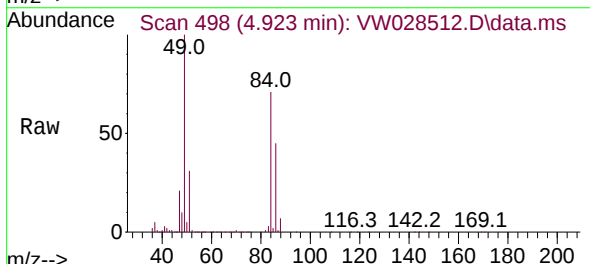
Tgt Ion: 84 Resp: 111376

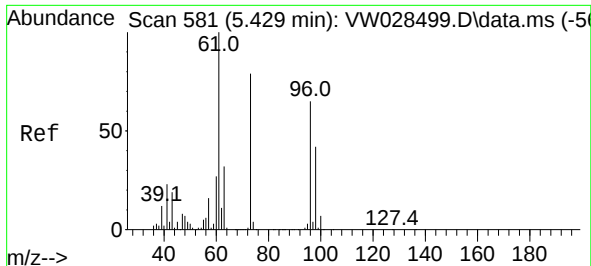
Ion Ratio Lower Upper

84 100

86 63.3 44.2 82.0

49 140.1 95.0 176.4





#17

trans-1,2-Dichloroethene

Concen: 23.763 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

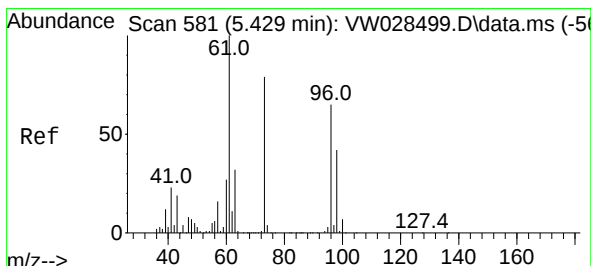
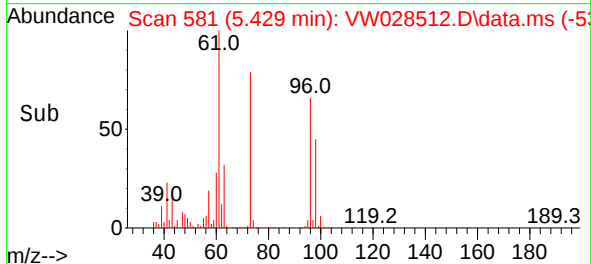
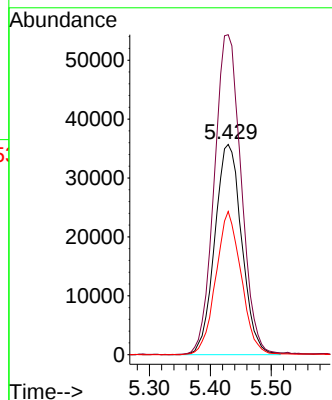
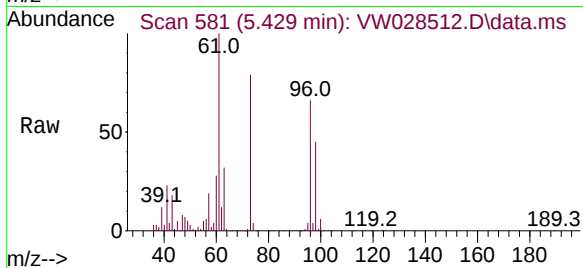
Tgt Ion: 96 Resp: 109837

Ion Ratio Lower Upper

96 100

61 152.2 108.4 201.4

98 68.1 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 23.530 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

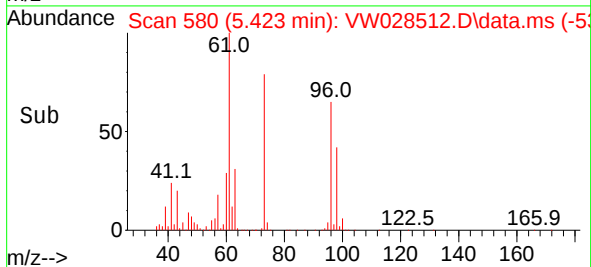
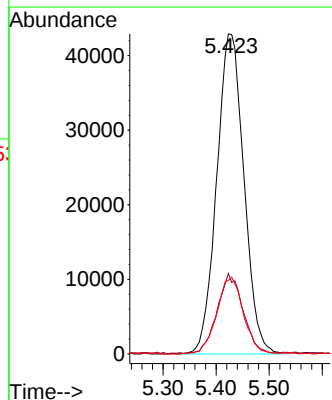
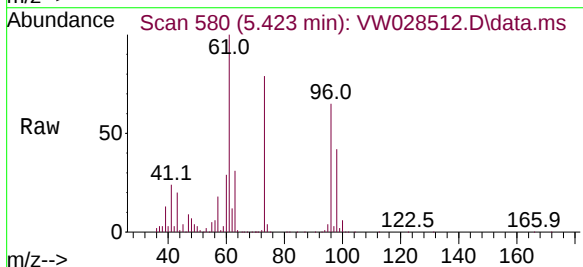
Tgt Ion: 73 Resp: 152991

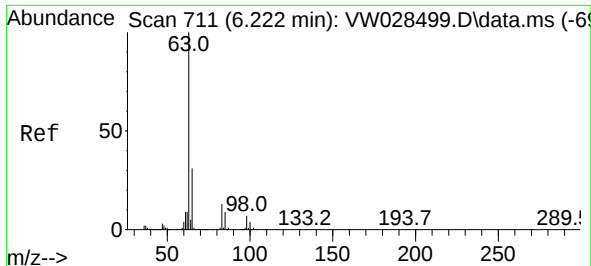
Ion Ratio Lower Upper

73 100

43 23.9 18.5 27.7

57 23.5 18.2 27.4





#19

1,1-Dichloroethane

Concen: 24.596 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

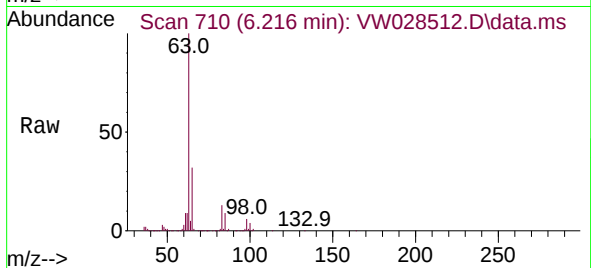
Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :



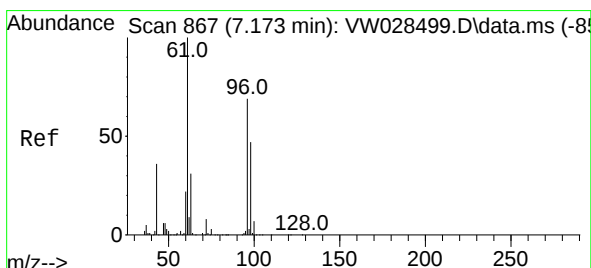
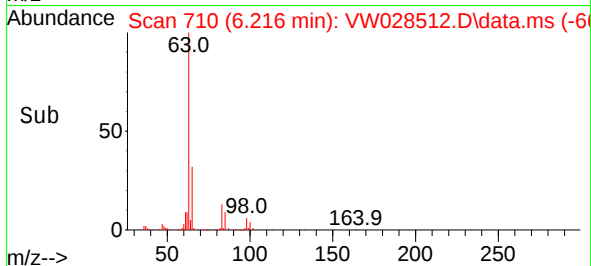
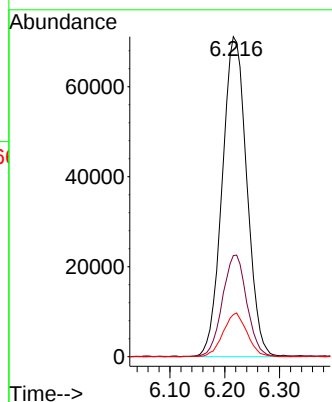
Tgt Ion: 63 Resp: 221506

Ion Ratio Lower Upper

63 100

65 31.6 21.8 40.4

83 13.1 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.373 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

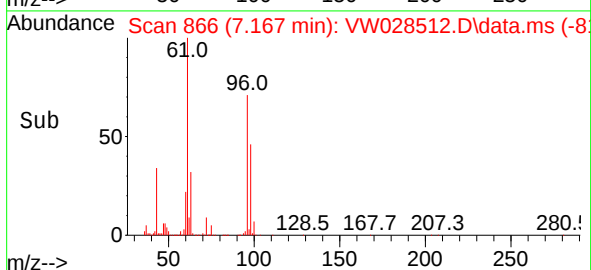
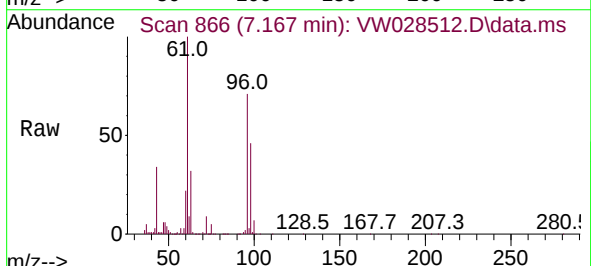
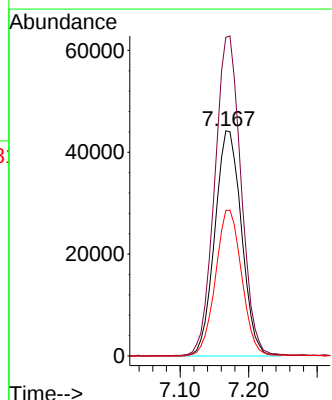
Tgt Ion: 96 Resp: 119566

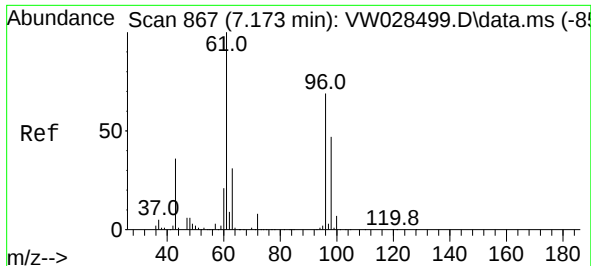
Ion Ratio Lower Upper

96 100

61 141.5 97.6 181.2

98 64.6 47.7 88.5

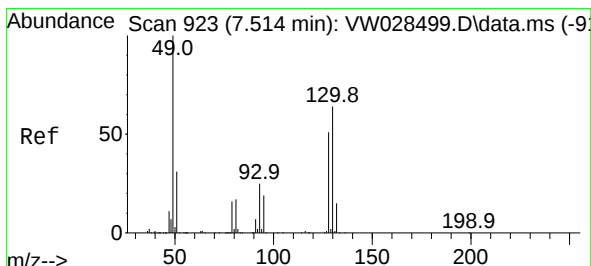
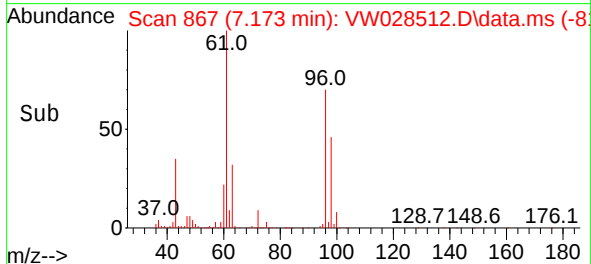
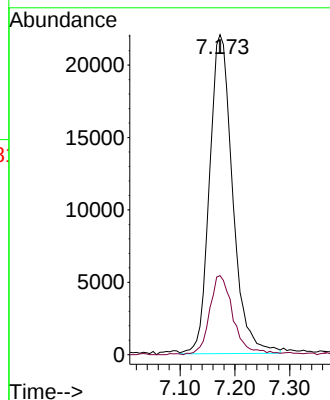
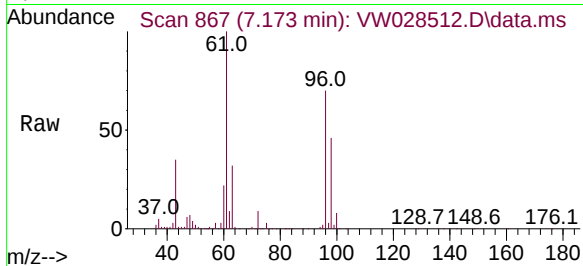




#22
2-Butanone
Concen: 43.553 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028512.D
Acq: 23 Apr 2024 09:25

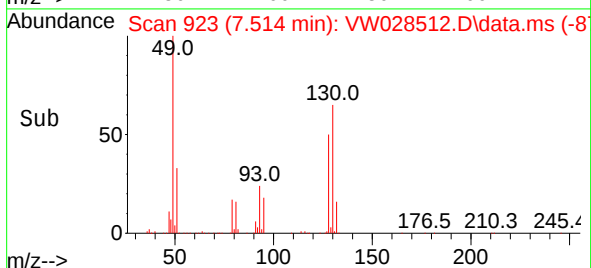
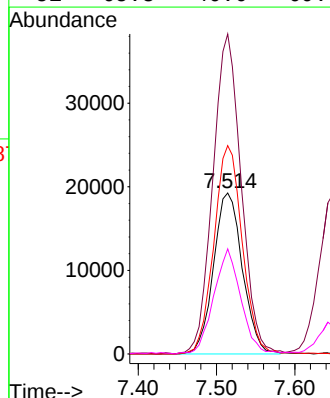
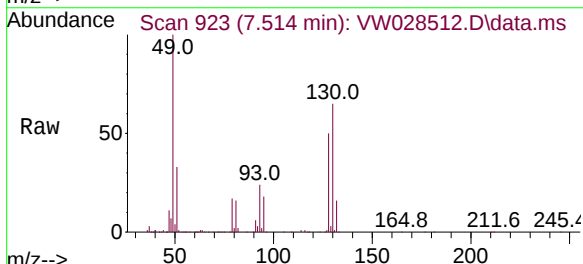
Instrument :
MSVOA_W
ClientSampleId :

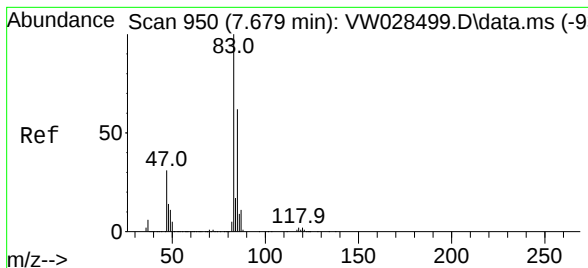
Tgt Ion: 43 Resp: 64464
Ion Ratio Lower Upper
43 100
72 24.9 12.8 38.4



#23
Bromochloromethane
Concen: 23.329 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028512.D
Acq: 23 Apr 2024 09:25

Tgt Ion: 128 Resp: 49296
Ion Ratio Lower Upper
128 100
49 198.8 127.1 236.0
130 129.4 78.3 145.5
51 65.3 46.0 69.0





#25

Chloroform

Concen: 24.818 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

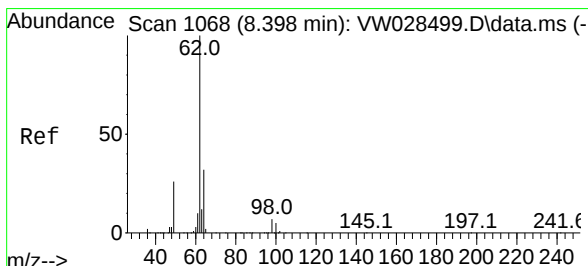
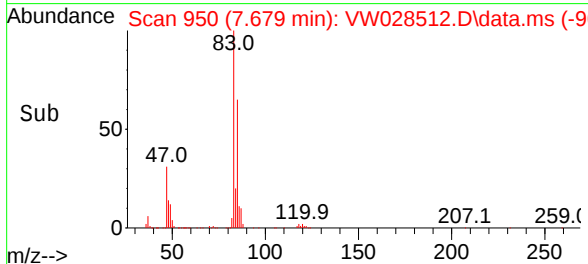
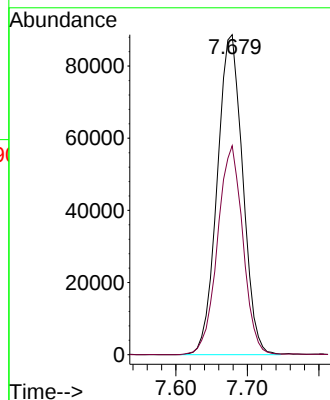
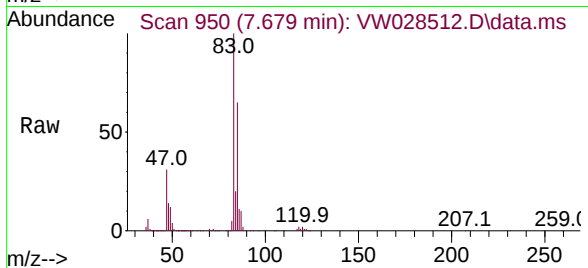
ClientSampleId :

Tgt Ion: 83 Resp: 219549

Ion Ratio Lower Upper

83 100

85 65.3 47.7 88.7



#27

1,2-Dichloroethane

Concen: 24.160 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028512.D

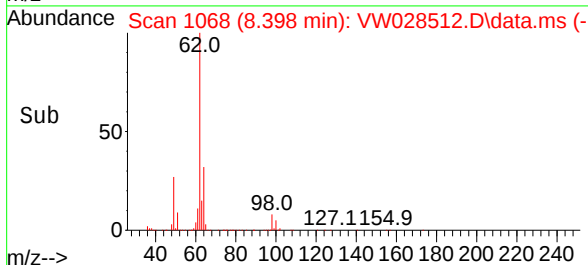
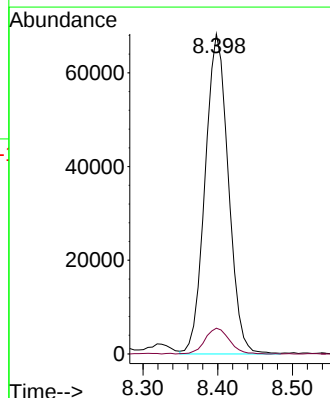
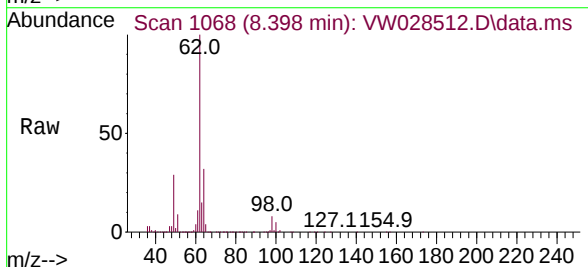
Acq: 23 Apr 2024 09:25

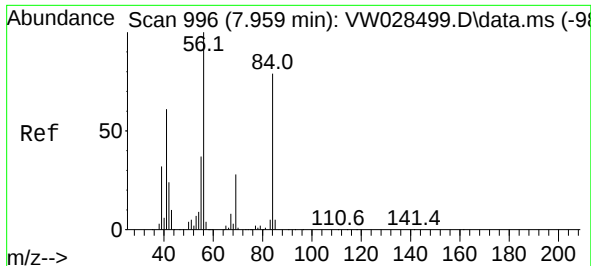
Tgt Ion: 62 Resp: 147517

Ion Ratio Lower Upper

62 100

98 8.1 6.6 10.0





#29

Cyclohexane

Concen: 25.395 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

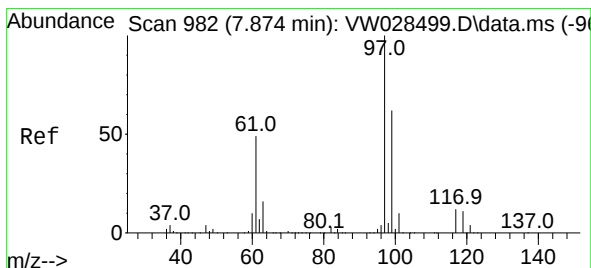
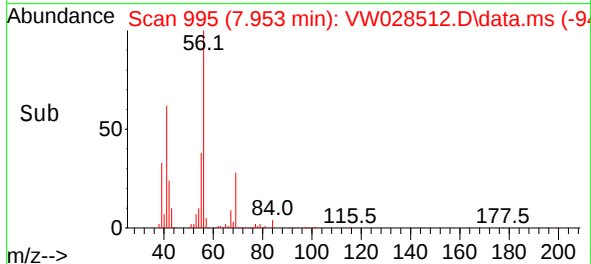
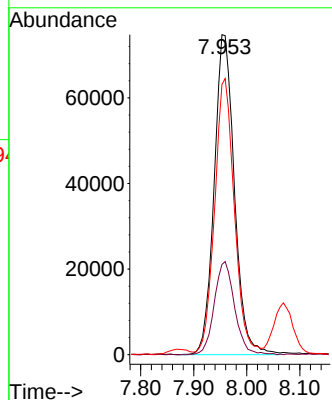
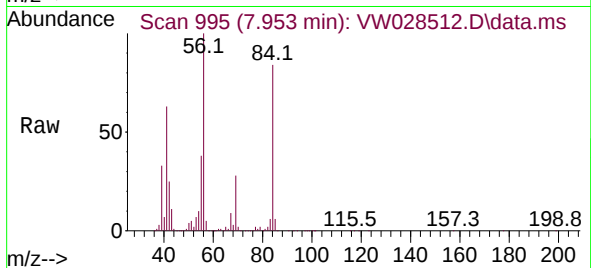
Tgt Ion: 56 Resp: 198920

Ion Ratio Lower Upper

56 100

69 29.0 23.8 35.6

84 83.7 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 25.103 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

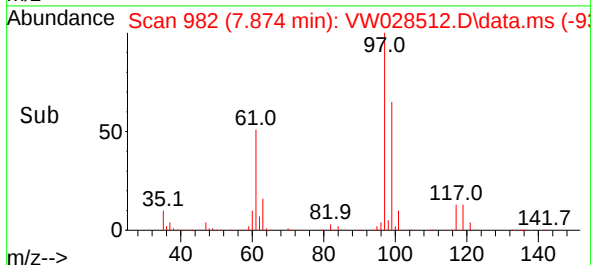
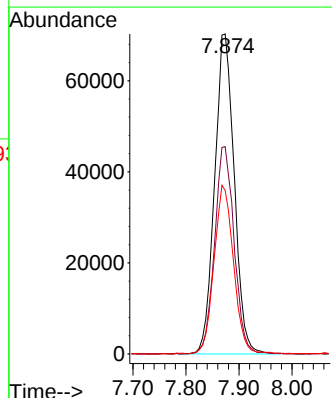
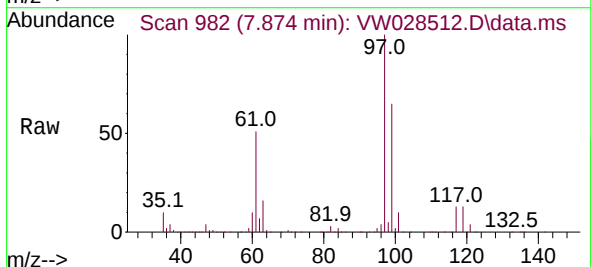
Tgt Ion: 97 Resp: 180541

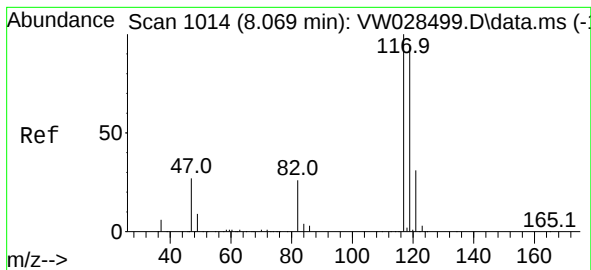
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.2

61 52.4 40.5 60.7





#31

Carbon tetrachloride

Concen: 26.068 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

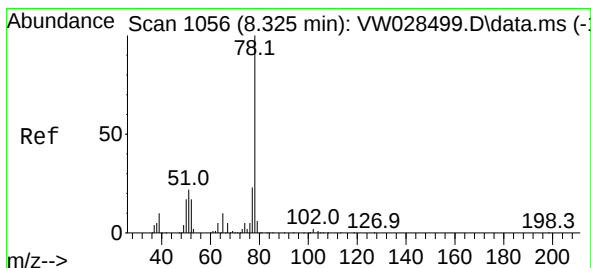
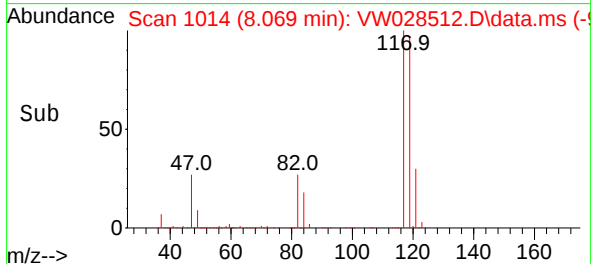
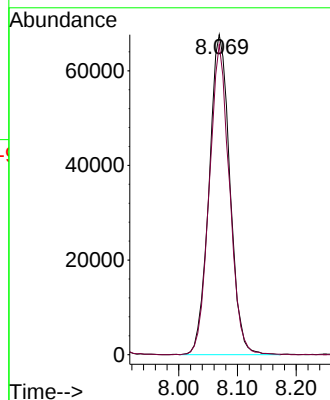
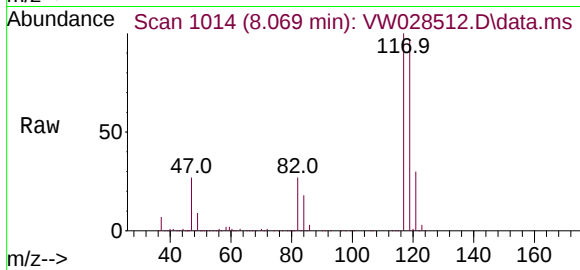
ClientSampleId :

Tgt Ion:117 Resp: 166251

Ion Ratio Lower Upper

117 100

119 94.0 77.4 116.2



#33

Benzene

Concen: 25.334 ug/L

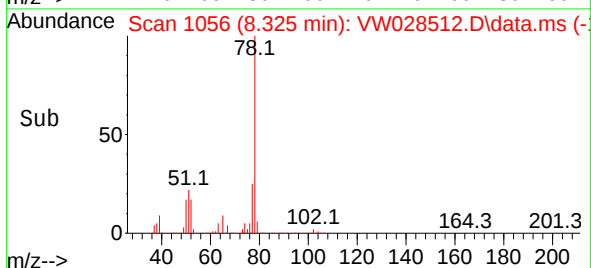
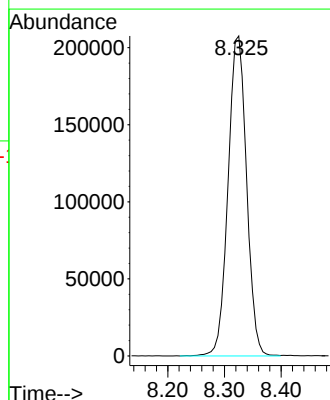
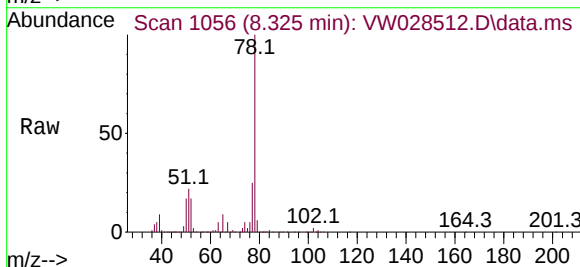
RT: 8.325 min Scan# 1056

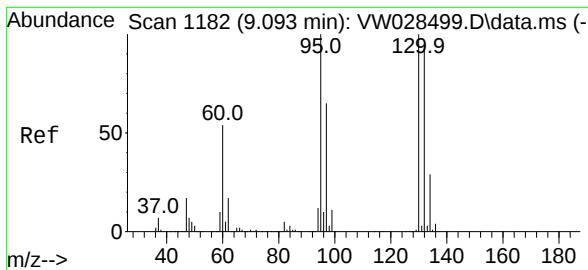
Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Tgt Ion: 78 Resp: 469709





#34

Trichloroethene

Concen: 24.662 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

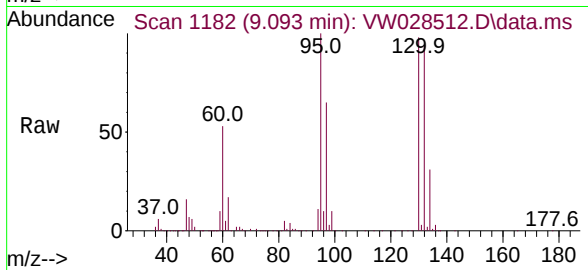
Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 123917

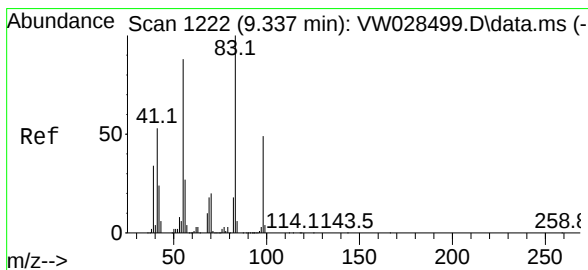
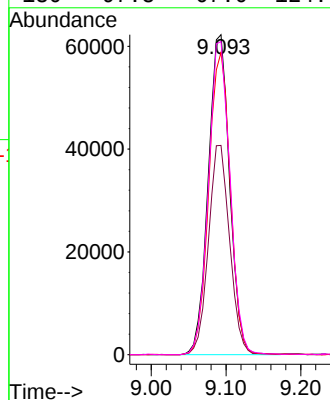
Ion Ratio Lower Upper

95 100

97 65.4 43.8 81.4

132 94.4 66.1 122.8

130 97.8 67.0 124.4



#35

Methylcyclohexane

Concen: 25.261 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

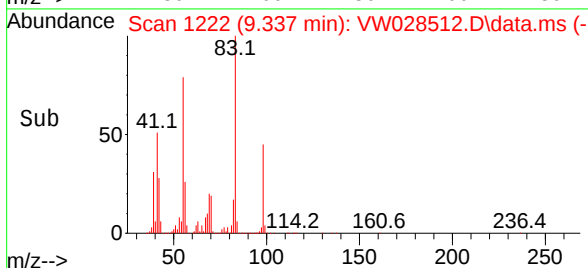
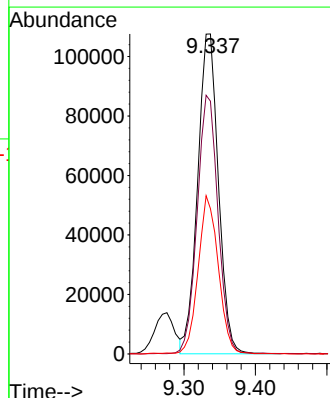
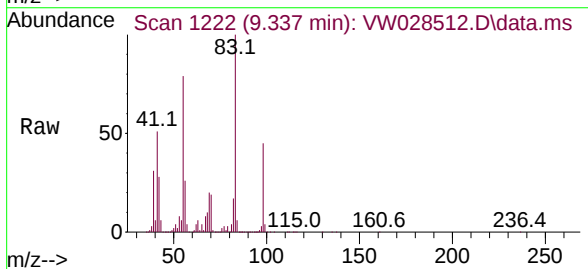
Tgt Ion: 83 Resp: 216590

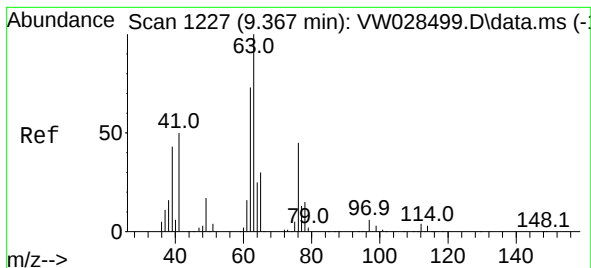
Ion Ratio Lower Upper

83 100

55 81.1 65.7 98.5

98 48.1 38.6 58.0





#37

1,2-Dichloropropane

Concen: 25.031 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

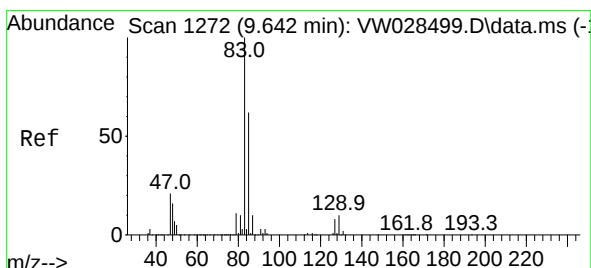
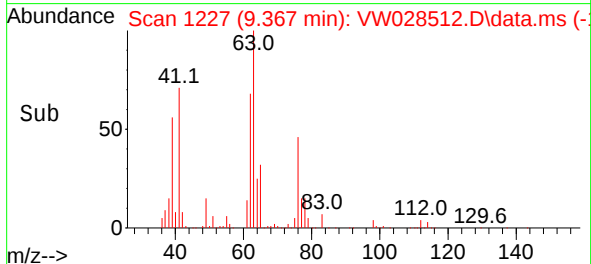
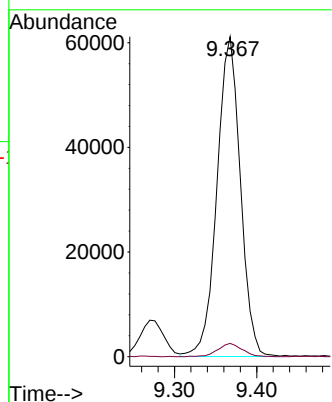
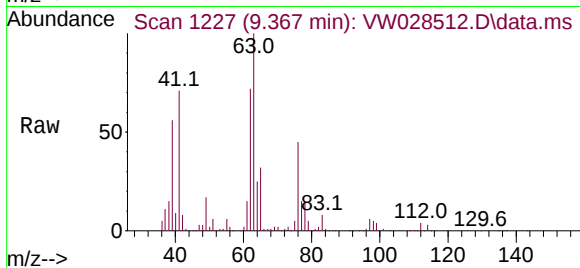
ClientSampleId :

Tgt Ion: 63 Resp: 120959

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 25.082 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

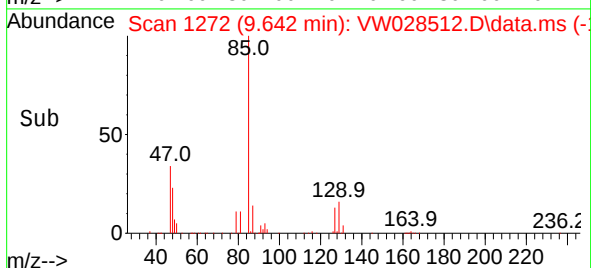
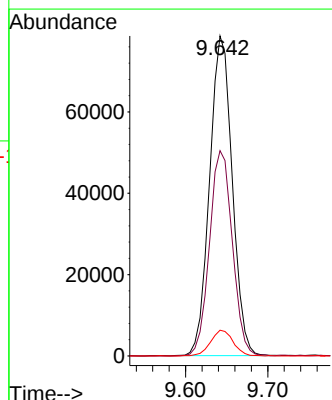
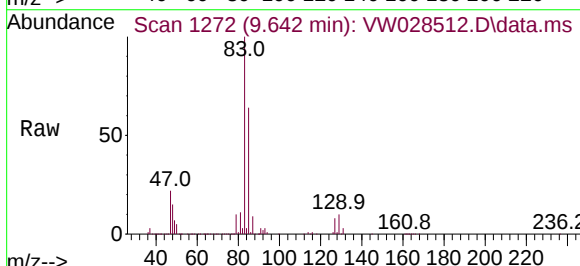
Tgt Ion: 83 Resp: 150234

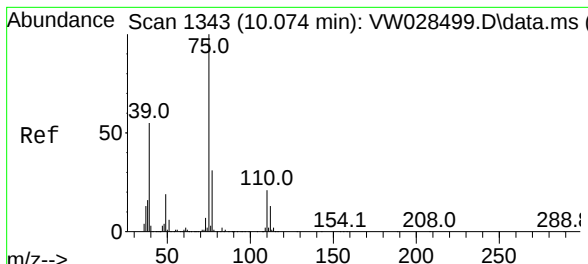
Ion Ratio Lower Upper

83 100

85 64.1 43.1 80.1

127 8.1 6.4 9.6



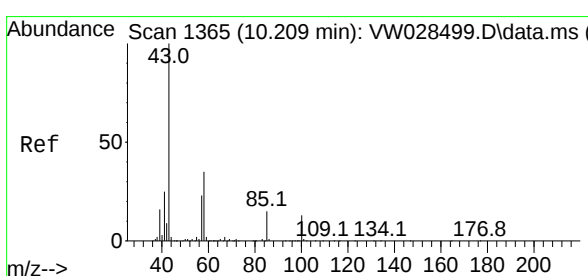
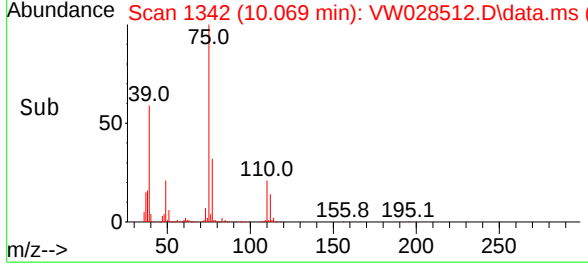
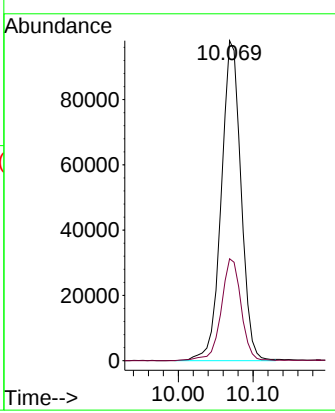
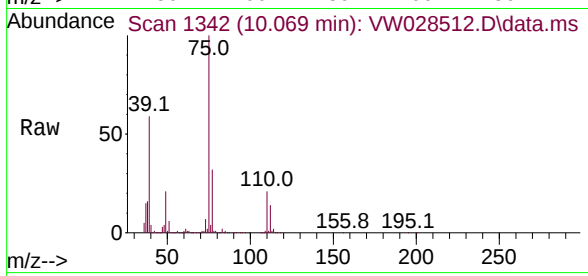


#39
 cis-1,3-Dichloropropene
 Concen: 25.375 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.006 min
 Lab File: VW028512.D
 Acq: 23 Apr 2024 09:25

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75 Resp: 179820

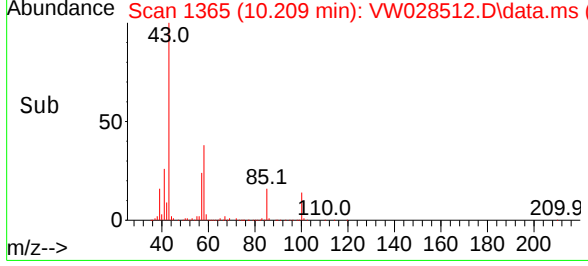
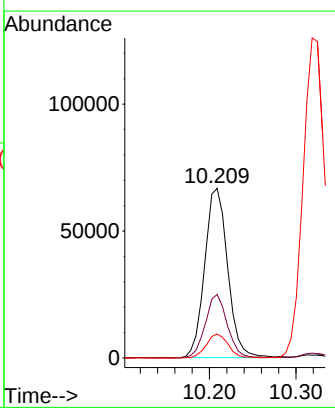
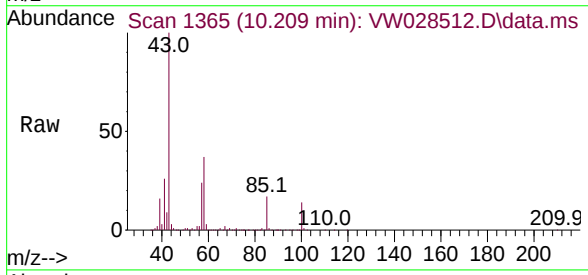
Ion	Ratio	Lower	Upper
75	100		
77	31.9	21.3	39.5

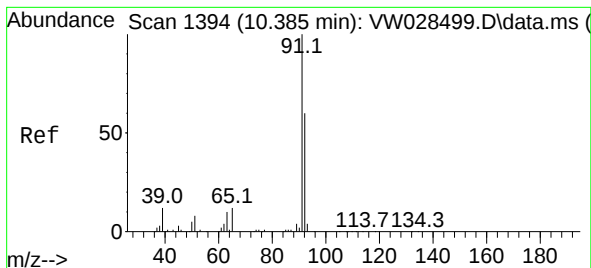


#40
 4-Methyl-2-pentanone
 Concen: 50.924 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW028512.D
 Acq: 23 Apr 2024 09:25

Tgt Ion: 43 Resp: 123189

Ion	Ratio	Lower	Upper
43	100		
58	36.0	28.6	43.0
100	13.5	10.6	16.0





#42

Toluene

Concen: 25.591 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

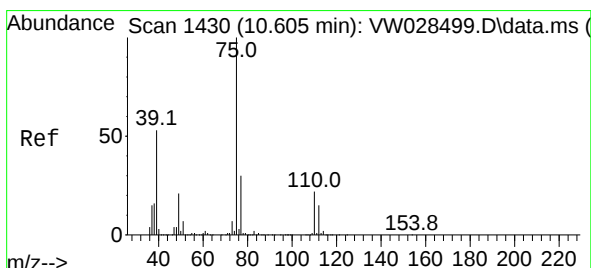
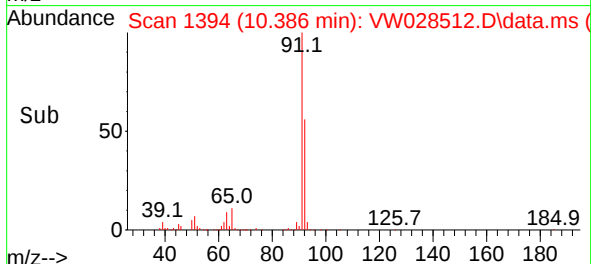
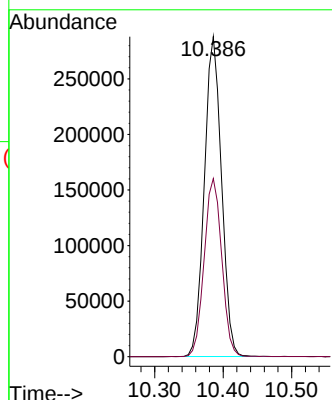
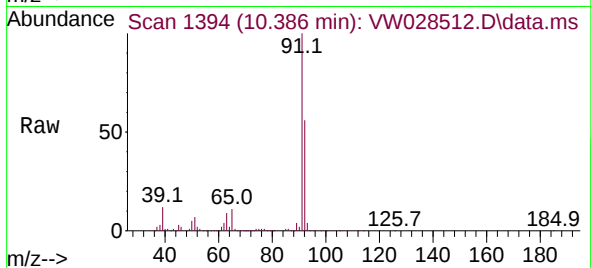
ClientSampleId :

Tgt Ion: 91 Resp: 502662

Ion Ratio Lower Upper

91 100

92 55.6 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 25.054 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028512.D

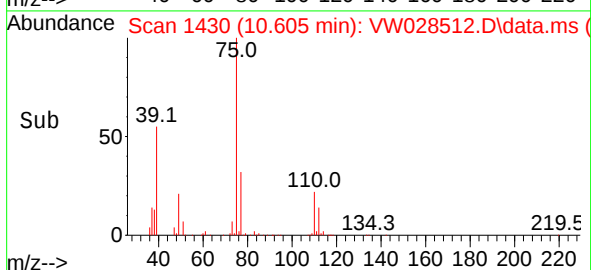
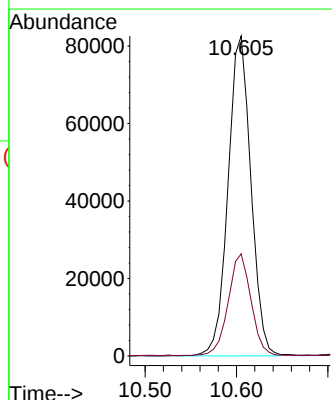
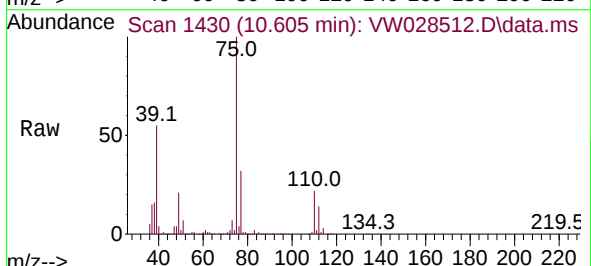
Acq: 23 Apr 2024 09:25

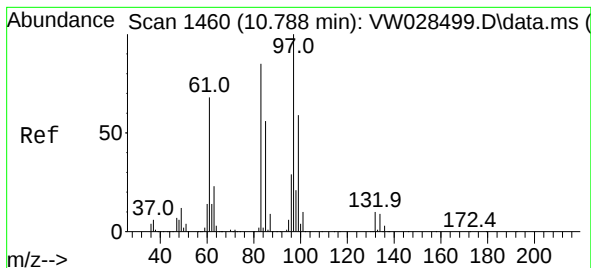
Tgt Ion: 75 Resp: 143627

Ion Ratio Lower Upper

75 100

77 31.9 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 24.637 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 80546

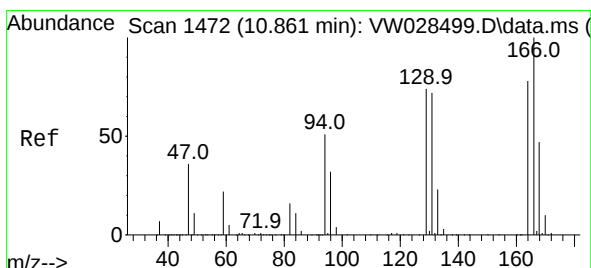
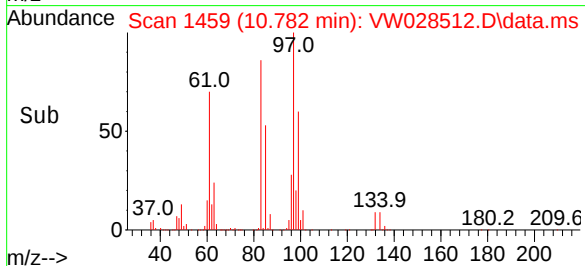
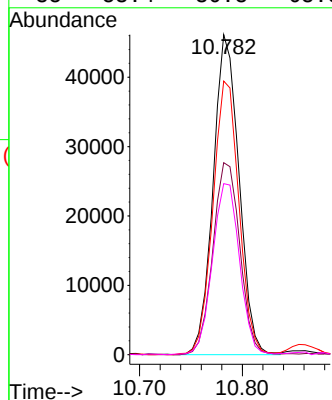
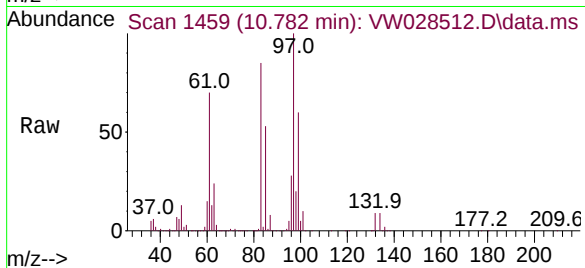
Ion Ratio Lower Upper

97 100

99 60.0 44.2 82.2

83 85.5 56.4 104.7

85 53.4 36.8 68.3



#46

Tetrachloroethene

Concen: 25.396 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Tgt Ion:164 Resp: 95314

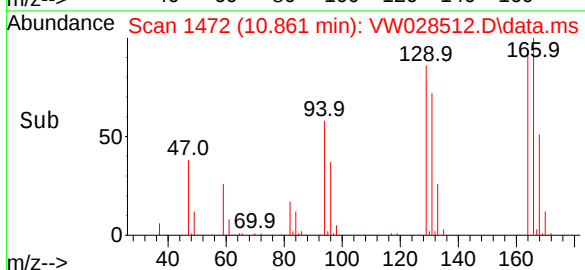
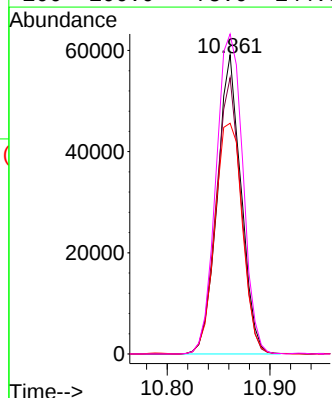
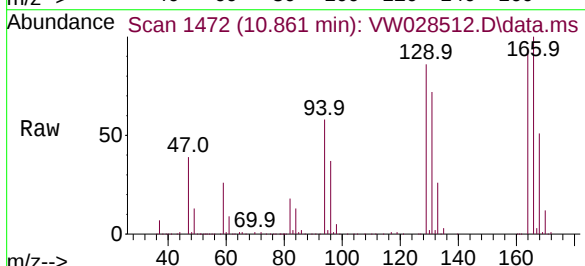
Ion Ratio Lower Upper

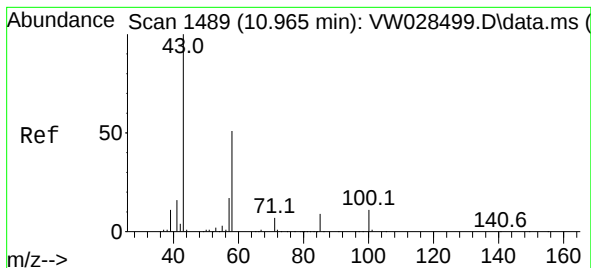
164 100

129 92.3 59.7 110.9

131 77.1 58.2 108.2

166 106.9 78.0 144.8

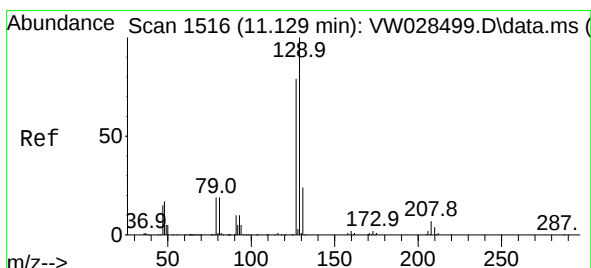
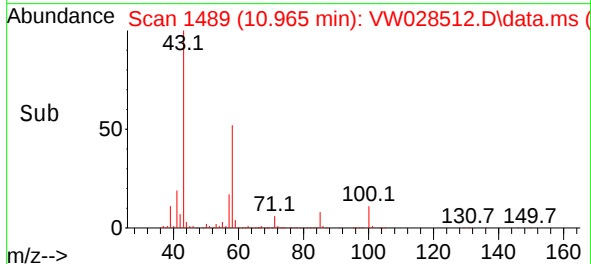
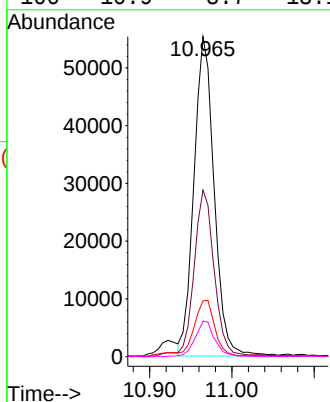
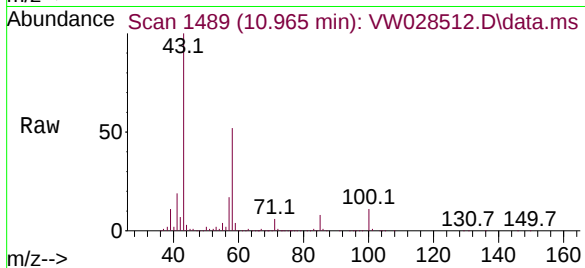




#48
2-Hexanone
Concen: 49.196 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028512.D
Acq: 23 Apr 2024 09:25

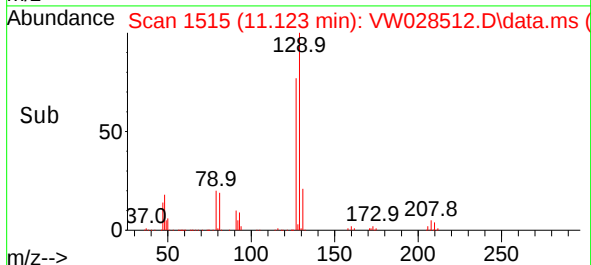
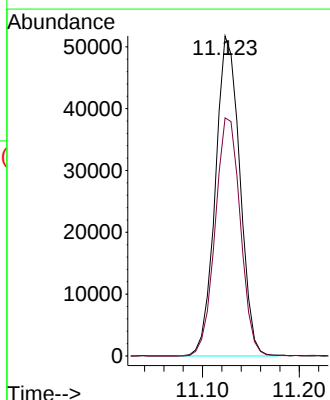
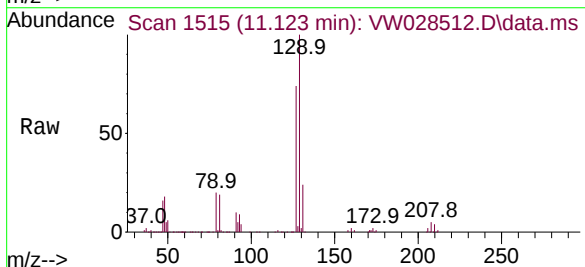
Instrument :
MSVOA_W
ClientSampleId :

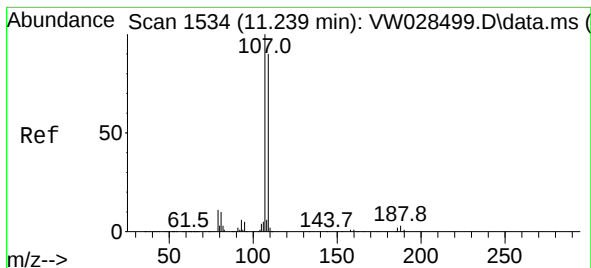
Tgt Ion:	43	Resp:	94466
Ion	Ratio	Lower	Upper
43	100		
58	49.9	38.9	58.3
57	17.6	14.4	21.6
100	10.9	8.7	13.1



#49
Dibromochloromethane
Concen: 25.951 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028512.D
Acq: 23 Apr 2024 09:25

Tgt Ion:	129	Resp:	90681
Ion	Ratio	Lower	Upper
129	100		
127	74.4	53.0	98.4





#50

1,2-Dibromoethane

Concen: 24.712 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VW028512.D

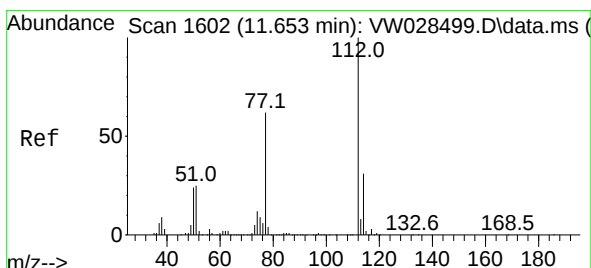
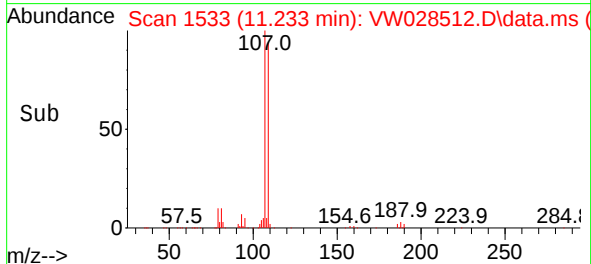
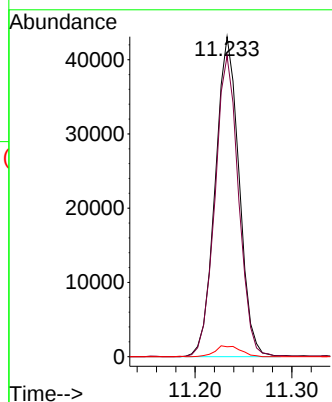
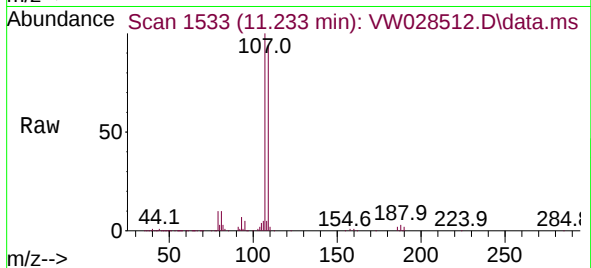
Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	73740
Ion	Ratio	Lower	Upper
107	100		
109	94.0	62.1	115.3
188	3.1	3.2	4.8#



#51

Chlorobenzene

Concen: 24.486 ug/L

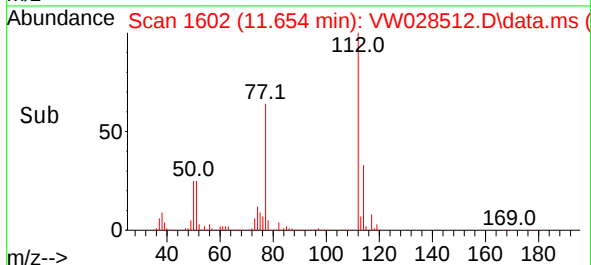
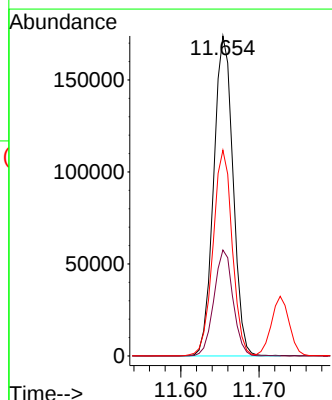
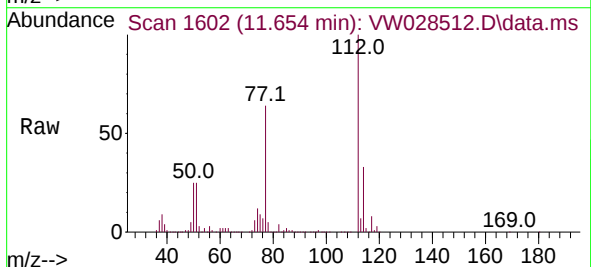
RT: 11.654 min Scan# 1602

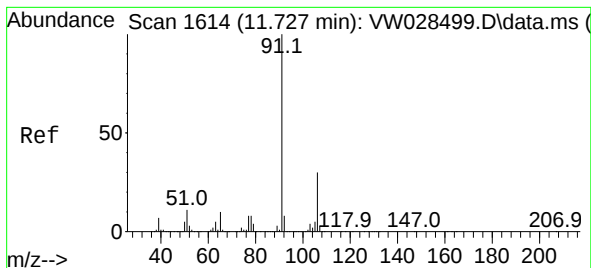
Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Tgt Ion:	112	Resp:	298951
Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.3	41.3
77	64.3	51.8	77.8





#52

Ethylbenzene

Concen: 25.611 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

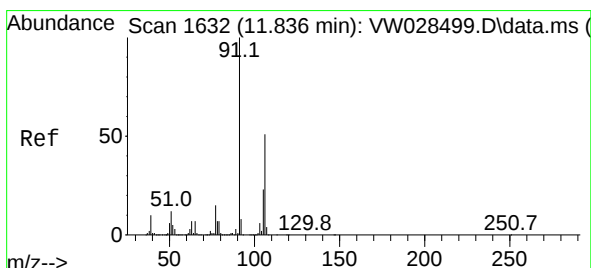
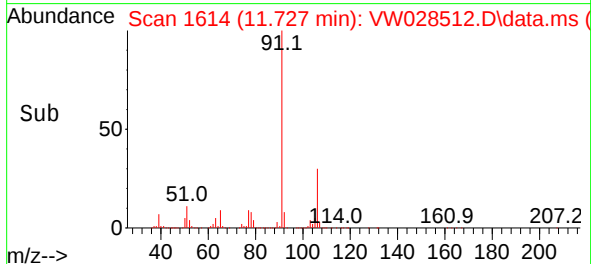
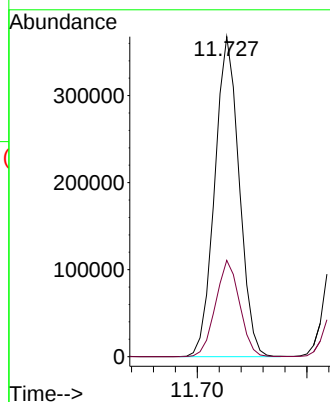
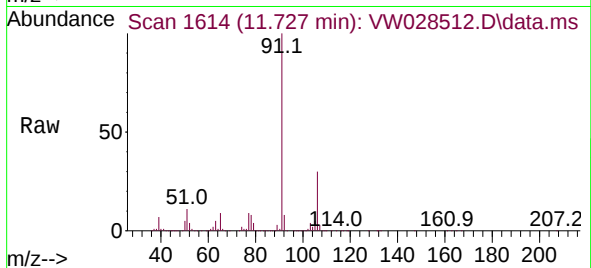
ClientSampleId :

Tgt Ion: 91 Resp: 570249

Ion Ratio Lower Upper

91 100

106 30.1 21.2 39.4



#53

m,p-Xylene

Concen: 25.594 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028512.D

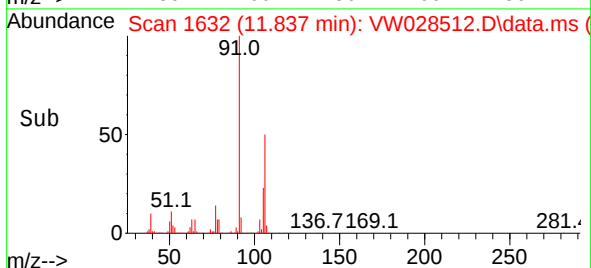
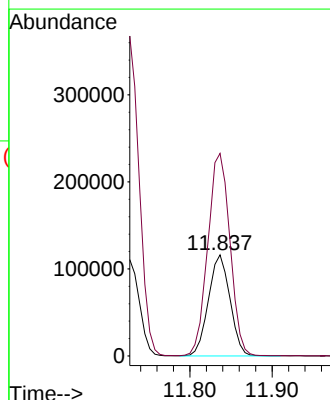
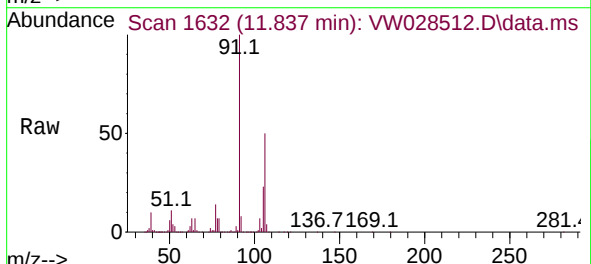
Acq: 23 Apr 2024 09:25

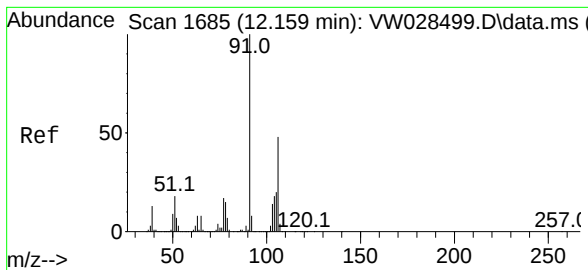
Tgt Ion:106 Resp: 211919

Ion Ratio Lower Upper

106 100

91 200.2 152.4 283.0

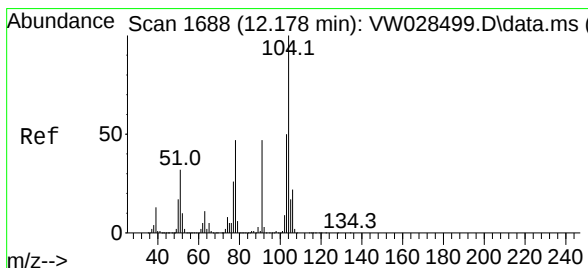
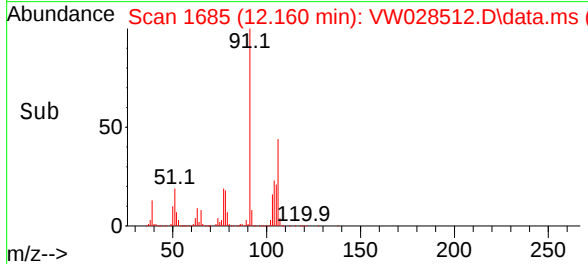
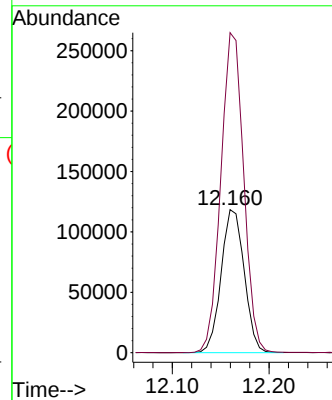
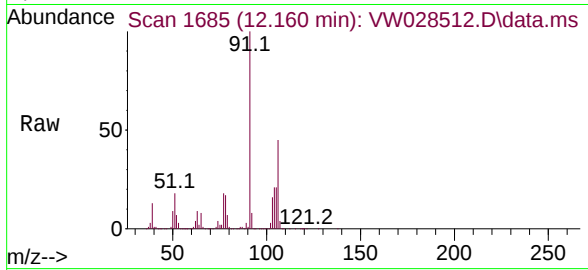




#54
o-Xylene
Concen: 25.471 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW028512.D
Acq: 23 Apr 2024 09:25

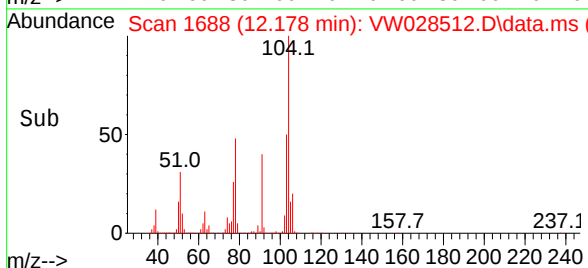
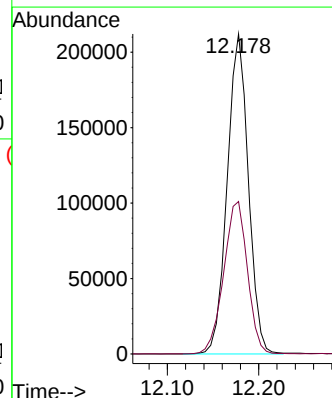
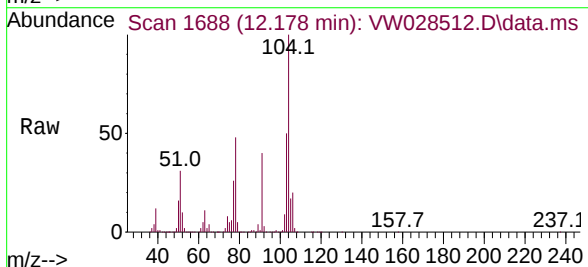
Instrument :
MSVOA_W
ClientSampleId :

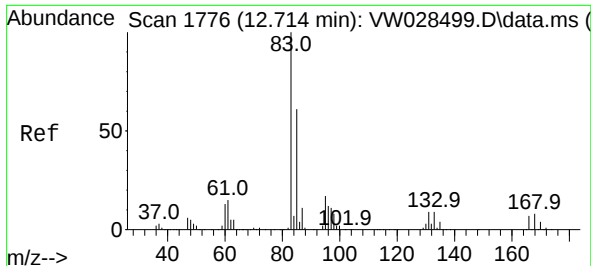
Tgt Ion:106 Resp: 196375
Ion Ratio Lower Upper
106 100
91 223.6 152.9 283.9



#55
Styrene
Concen: 25.980 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028512.D
Acq: 23 Apr 2024 09:25

Tgt Ion:104 Resp: 340902
Ion Ratio Lower Upper
104 100
78 47.6 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 24.196 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

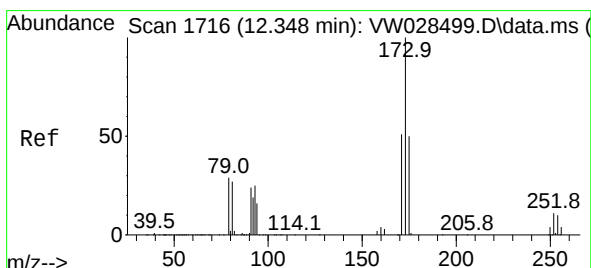
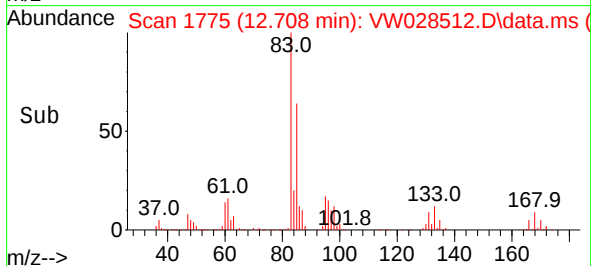
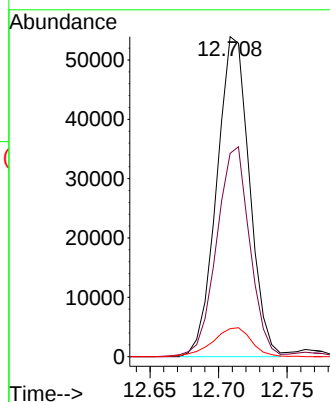
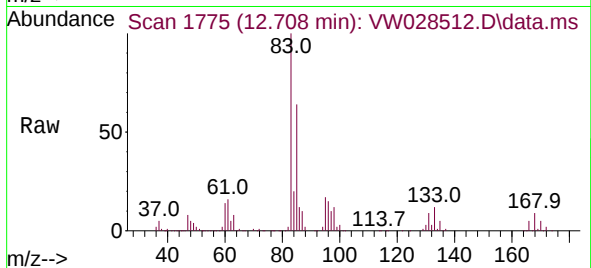
Tgt Ion: 83 Resp: 89523

Ion Ratio Lower Upper

83 100

85 63.5 43.4 80.6

131 8.8 8.0 12.0



#59

Bromoform

Concen: 23.506 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

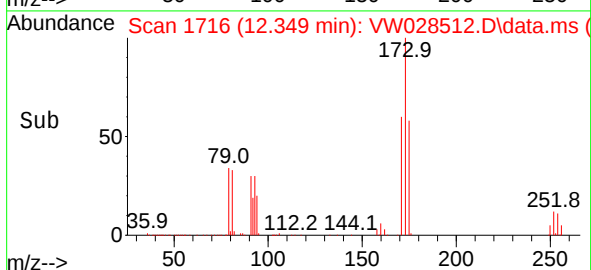
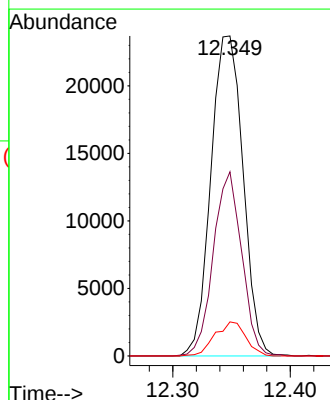
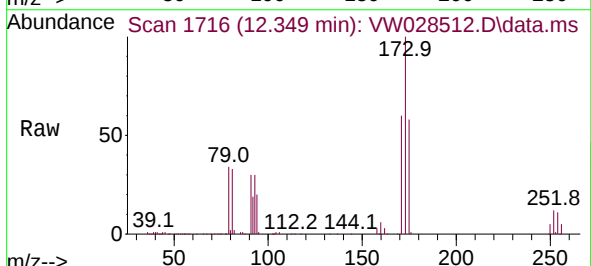
Tgt Ion:173 Resp: 45060

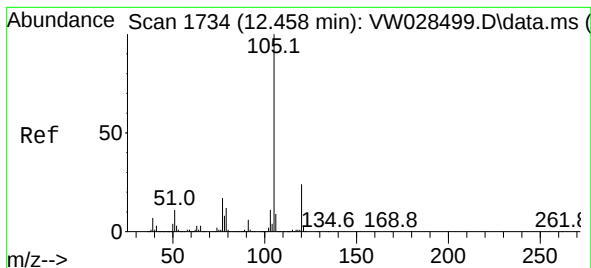
Ion Ratio Lower Upper

173 100

175 50.8 39.2 58.8

254 10.3 8.3 12.5





#60

Isopropylbenzene

Concen: 26.393 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

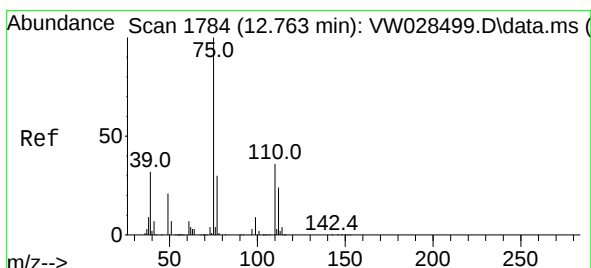
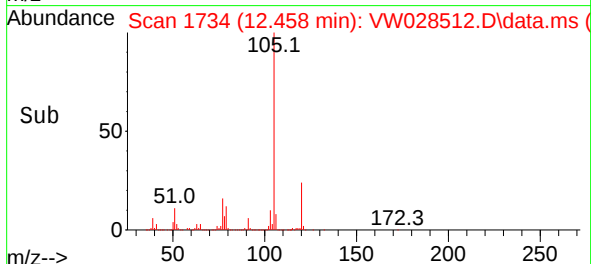
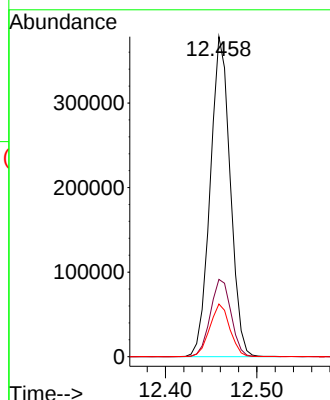
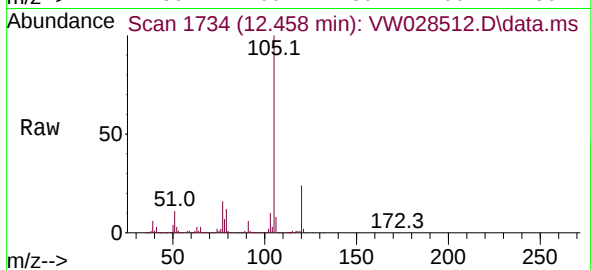
Tgt Ion:105 Resp: 574611

Ion Ratio Lower Upper

105 100

120 25.0 20.8 31.2

77 16.5 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 25.348 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

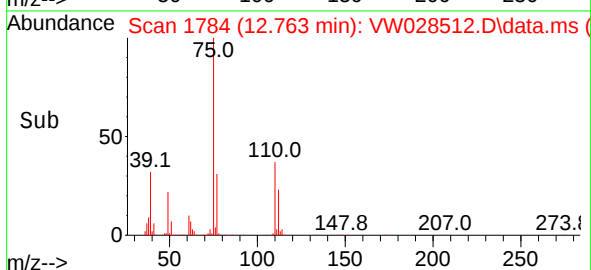
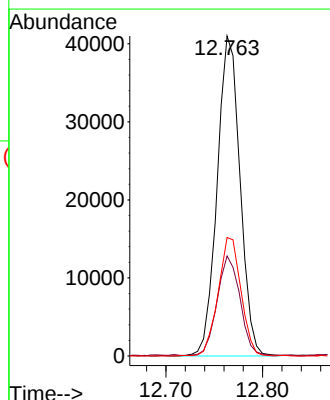
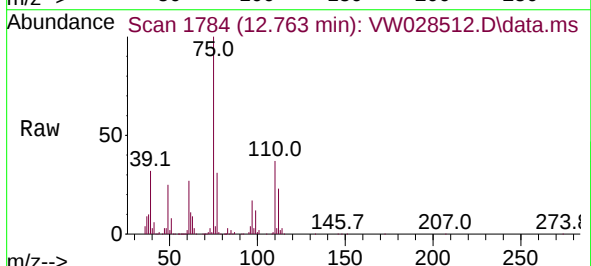
Tgt Ion: 75 Resp: 67300

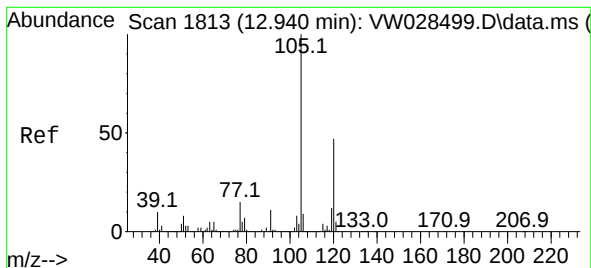
Ion Ratio Lower Upper

75 100

77 31.6 26.1 39.1

110 36.9 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 26.365 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

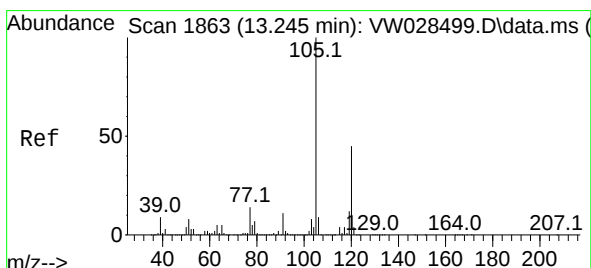
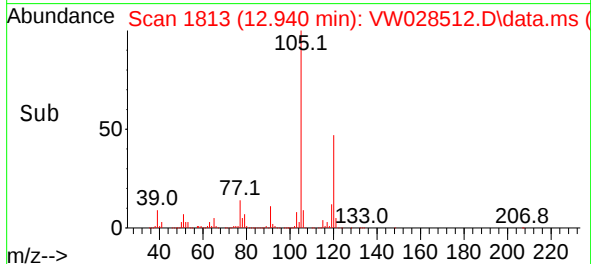
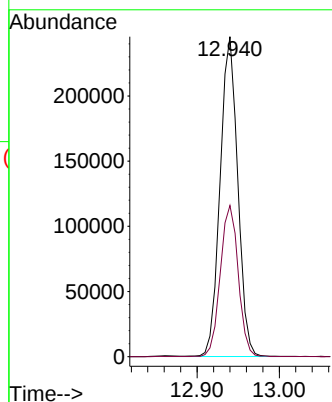
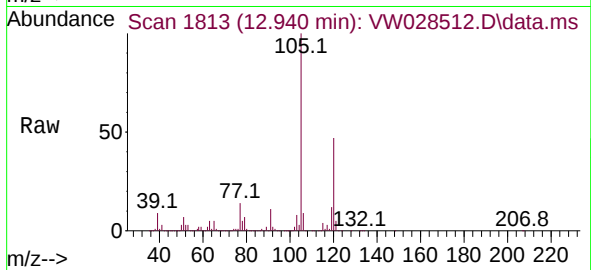
ClientSampleId :

Tgt Ion:105 Resp: 365855

Ion Ratio Lower Upper

105 100

120 47.9 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 26.272 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028512.D

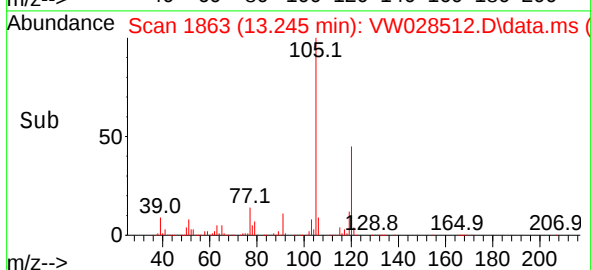
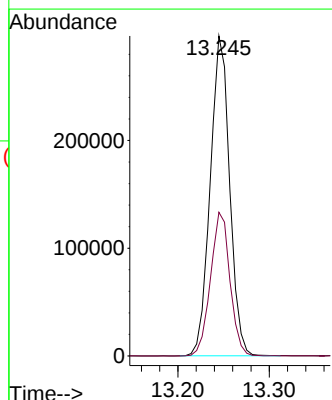
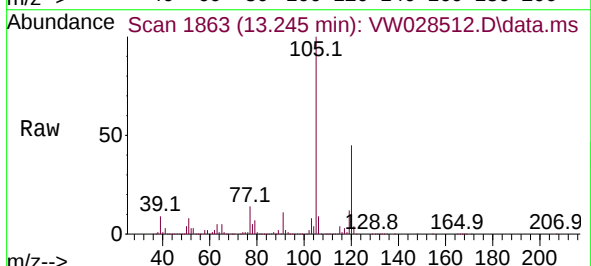
Acq: 23 Apr 2024 09:25

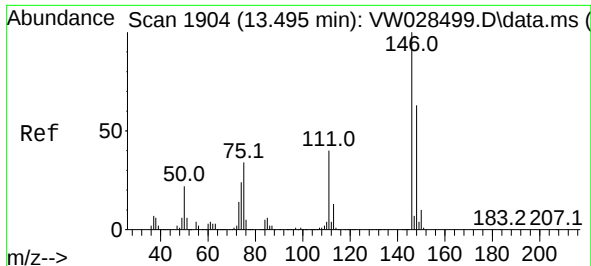
Tgt Ion:105 Resp: 438734

Ion Ratio Lower Upper

105 100

120 45.0 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 25.570 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

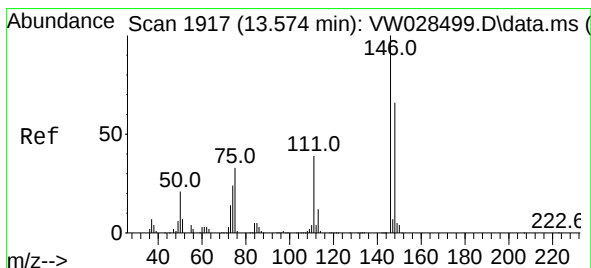
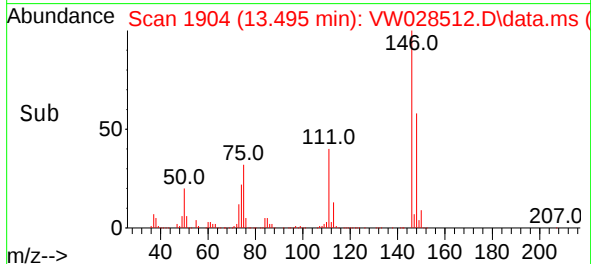
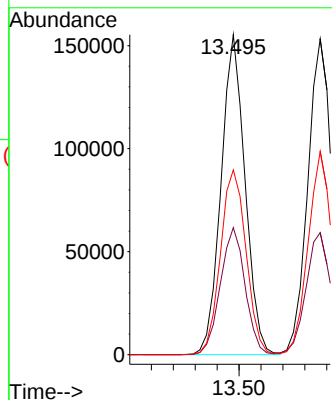
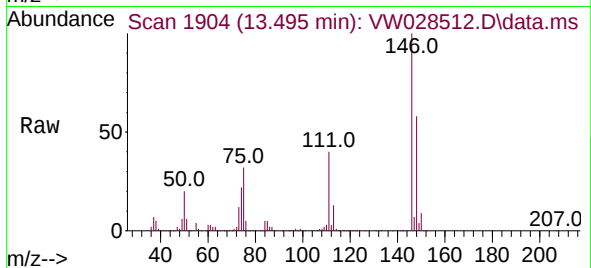
Tgt Ion:146 Resp: 236217

Ion Ratio Lower Upper

146 100

111 39.7 29.8 55.3

148 57.8 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 25.186 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

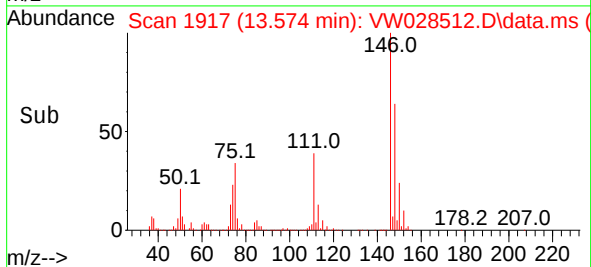
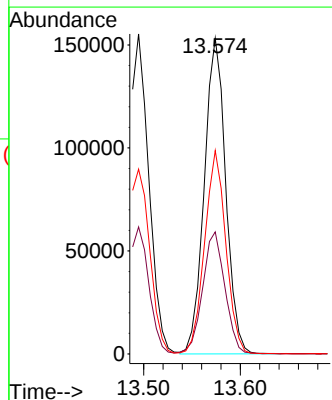
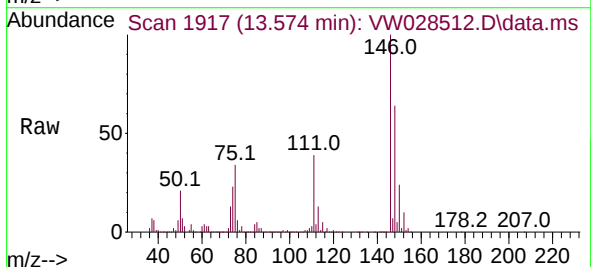
Tgt Ion:146 Resp: 236675

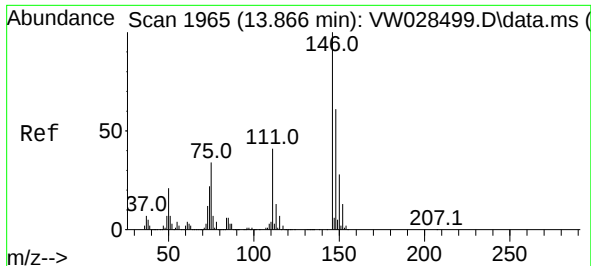
Ion Ratio Lower Upper

146 100

111 38.7 30.3 56.3

148 64.4 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 24.566 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

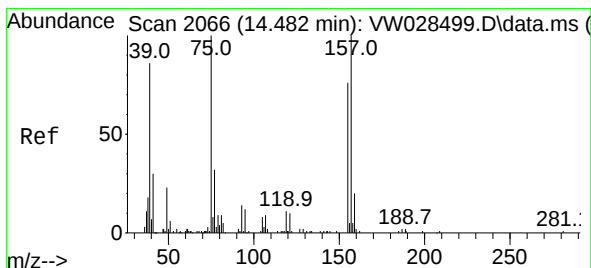
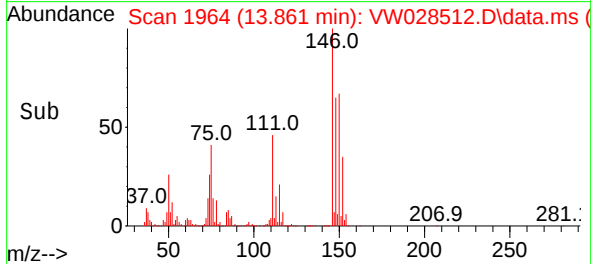
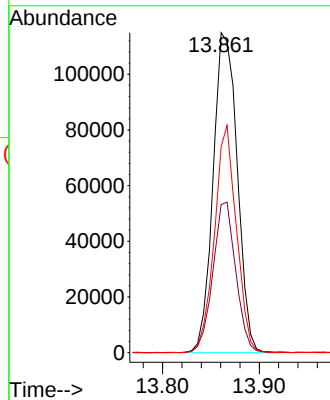
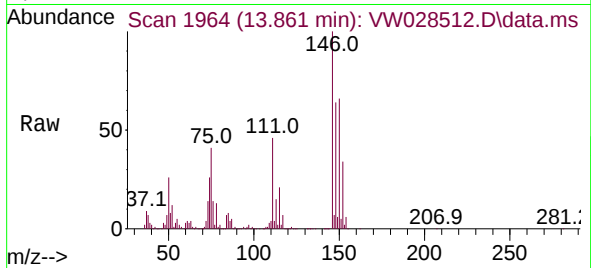
Tgt Ion:146 Resp: 199623

Ion Ratio Lower Upper

146 100

111 46.3 31.4 47.2

148 64.4 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 22.841 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

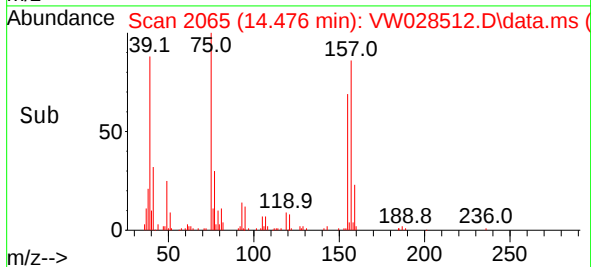
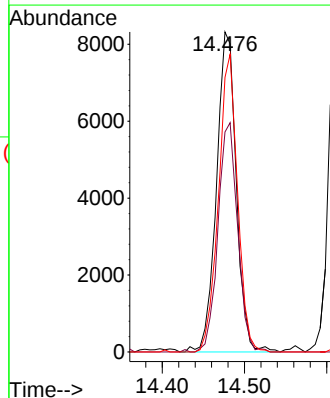
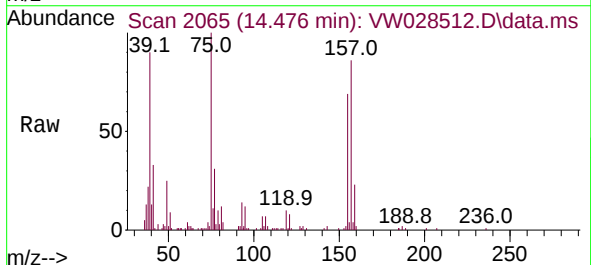
Tgt Ion: 75 Resp: 13897

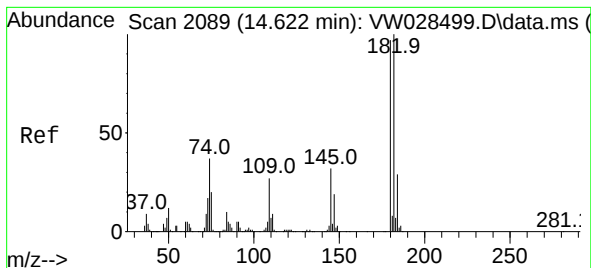
Ion Ratio Lower Upper

75 100

155 68.8 61.2 91.8

157 85.8 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 25.257 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

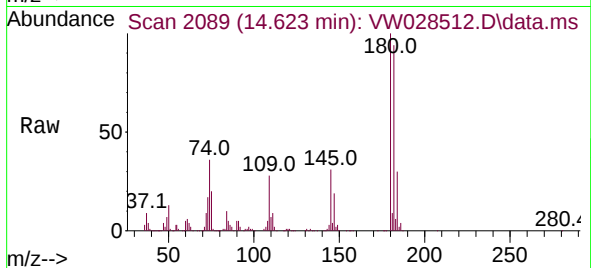
Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 160557

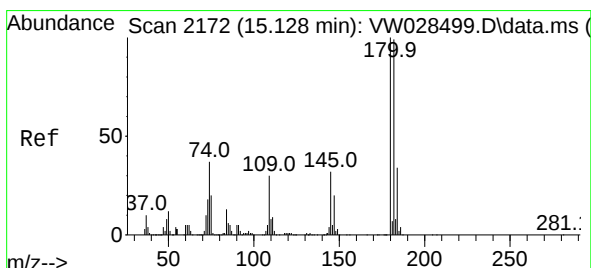
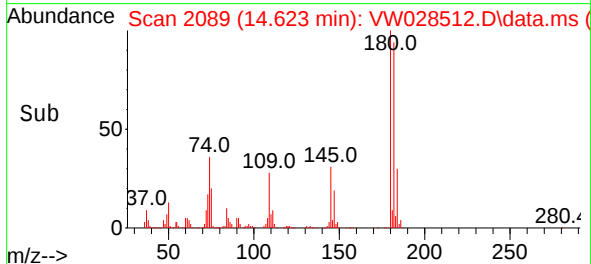
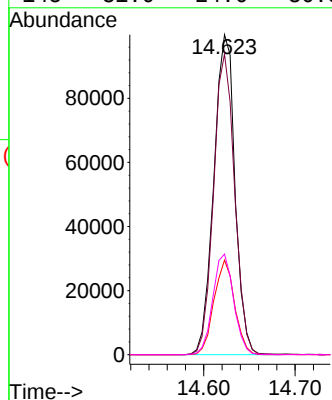
Ion Ratio Lower Upper

180 100

182 93.2 77.4 116.0

184 28.7 24.8 37.2

145 31.0 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 24.916 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

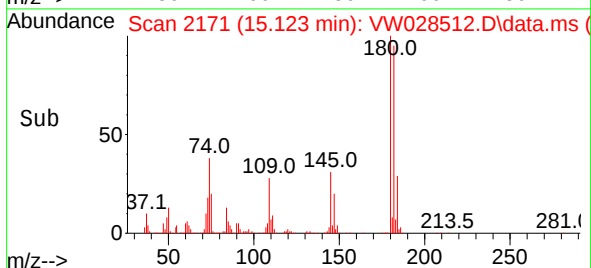
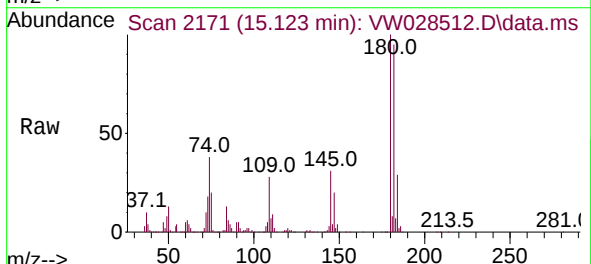
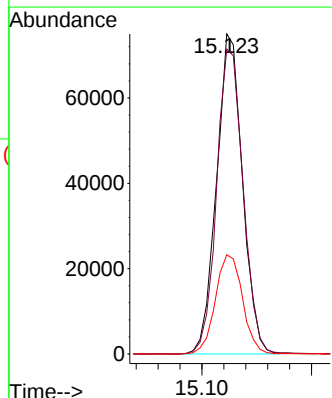
Tgt Ion:180 Resp: 123686

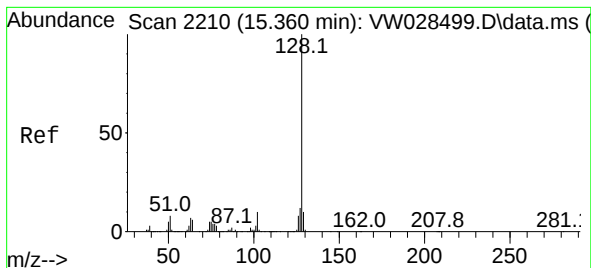
Ion Ratio Lower Upper

180 100

182 96.9 71.5 107.3

145 32.3 23.5 35.3





#71

Naphthalene

Concen: 24.913 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

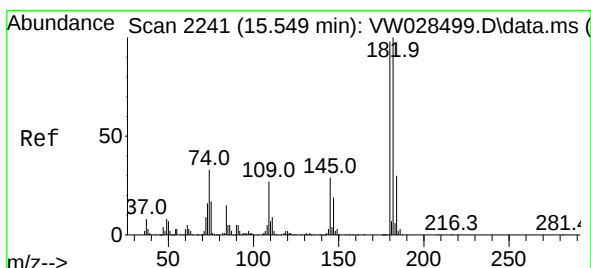
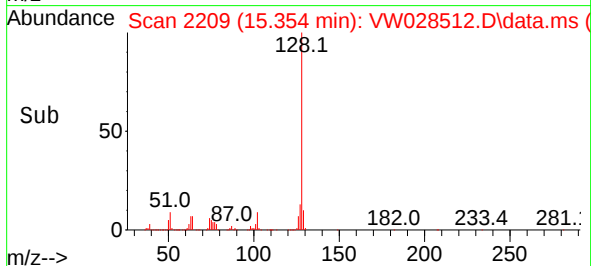
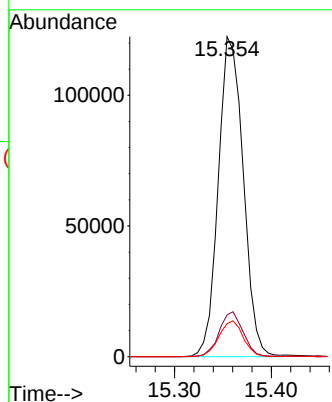
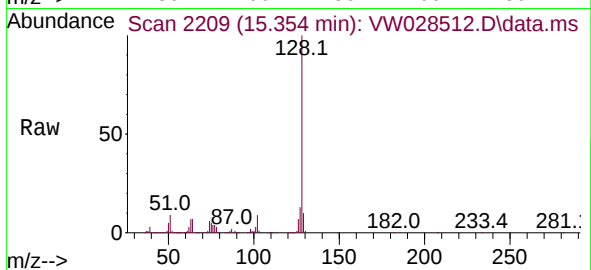
Tgt Ion:128 Resp: 218872

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.665 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW028512.D

Acq: 23 Apr 2024 09:25

Tgt Ion:180 Resp: 108652

Ion Ratio Lower Upper

180 100

182 96.6 75.7 113.5

145 33.4 26.2 39.4

