

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041024\
 Data File : VW028388.D
 Acq On : 10 Apr 2024 18:17
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 11 05:59:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 11 05:54:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	303210	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	286106	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	145145	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	102982	21.186	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.760%
7) Chloroethane-d5	2.899	69	81407	22.096	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	4.027	65	43131	20.953	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.800%
21) 2-Butanone-d5	7.081	46	52464	57.677	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.360%
24) Chloroform-d	7.654	84	186627	23.588	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.360%
26) 1,2-Dichloroethane-d4	8.307	65	104363	25.382	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.520%
32) Benzene-d6	8.276	84	355654	22.755	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	9.270	67	109818	23.638	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.560%
41) Toluene-d8	10.319	98	328370	23.104	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	10.575	79	44830	24.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.080%
47) 2-Hexanone-d5	10.922	63	37650	58.505	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	88737	27.072	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.280%
66) 1,2-Dichlorobenzene-d4	13.849	152	109941	23.951	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	69882	17.136	ug/L	93
3) Chloromethane	2.223	50	100369	20.963	ug/L	99
5) Vinyl chloride	2.375	62	117919	20.680	ug/L	100
6) Bromomethane	2.796	94	72776	20.428	ug/L	96
8) Chloroethane	2.942	64	71434	20.782	ug/L	98
9) Trichlorofluoromethane	3.277	101	94123	20.692	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	89987	21.027	ug/L #	83
12) 1,1-Dichloroethene	4.051	96	82232	20.465	ug/L	90
13) Acetone	4.119	43	61417	54.990	ug/L	97
14) Carbon disulfide	4.393	76	267586	20.227	ug/L	99
15) Methyl Acetate	4.667	43	44243	24.619	ug/L	97
16) Methylene chloride	4.923	84	94445	20.585	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	88595	20.931	ug/L	98
18) Methyl tert-butyl Ether	5.435	73	140458	23.590	ug/L	99
19) 1,1-Dichloroethane	6.222	63	173585	21.049	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	96801	21.548	ug/L	98
22) 2-Butanone	7.167	43	67688	49.939	ug/L	99
23) Bromochloromethane	7.520	128	41974	21.692	ug/L	95
25) Chloroform	7.679	83	175990	21.724	ug/L	95

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 Response via : Initial Calibration

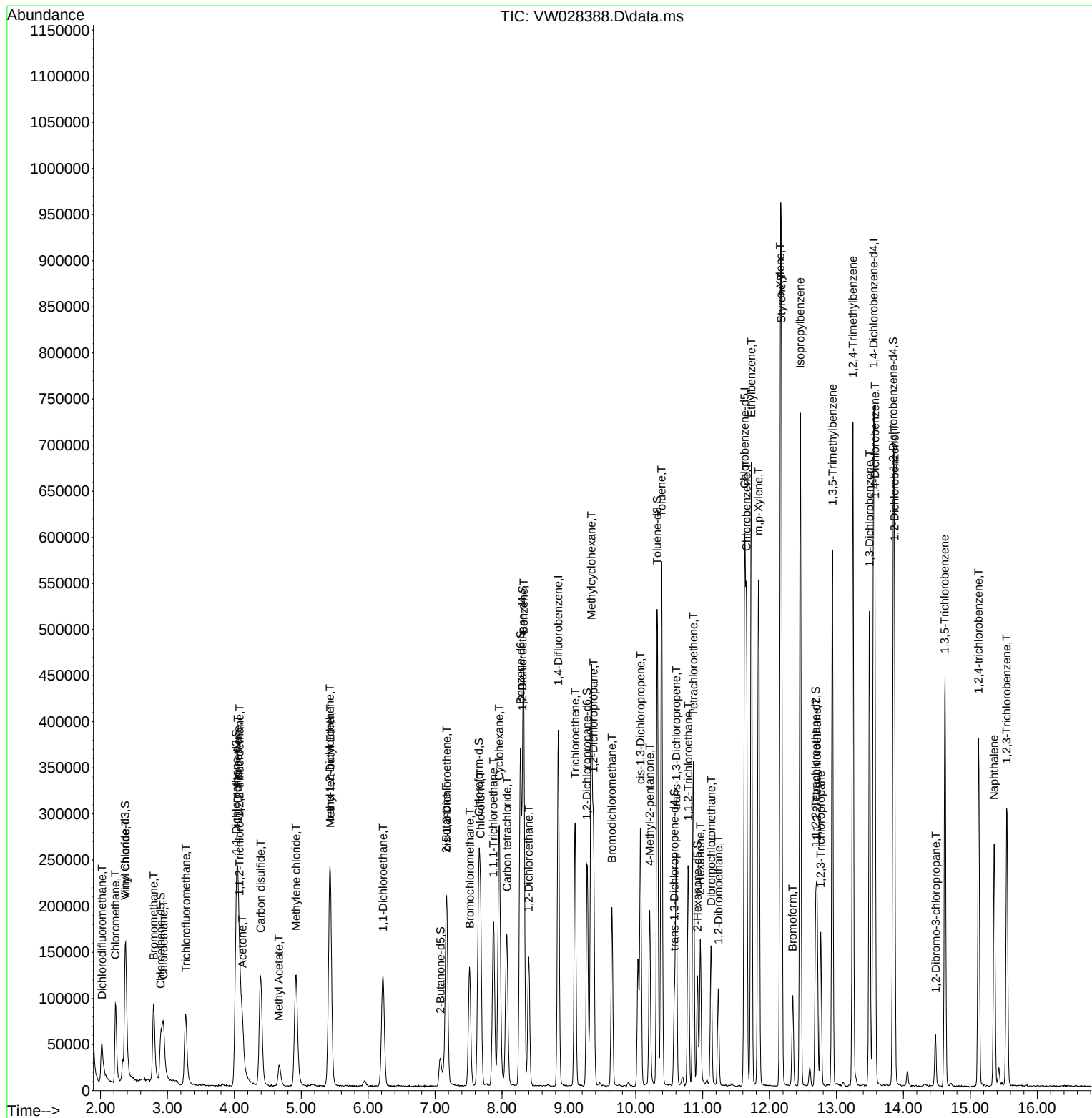
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	127877	22.870	ug/L	97
29) Cyclohexane	7.959	56	161315	21.345	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	142431	20.527	ug/L	99
31) Carbon tetrachloride	8.075	117	123588	20.085	ug/L	100
33) Benzene	8.325	78	376460	21.045	ug/L	100
34) Trichloroethene	9.093	95	99370	20.498	ug/L	98
35) Methylcyclohexane	9.337	83	171223	20.698	ug/L	99
37) 1,2-Dichloropropane	9.368	63	98205	21.063	ug/L	99
38) Bromodichloromethane	9.642	83	125408	21.701	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	152304	22.276	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	128264	54.956	ug/L	99
42) Toluene	10.386	91	400863	21.153	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	126215	22.819	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	70911	22.481	ug/L	94
46) Tetrachloroethene	10.861	164	72773	20.097	ug/L	89
48) 2-Hexanone	10.965	43	97670	52.720	ug/L	97
49) Dibromochloromethane	11.129	129	75179	22.299	ug/L	100
50) 1,2-Dibromoethane	11.233	107	65413	22.721	ug/L	94
51) Chlorobenzene	11.654	112	240524	20.419	ug/L	99
52) Ethylbenzene	11.727	91	461605	21.488	ug/L	98
53) m,p-Xylene	11.837	106	170832	21.384	ug/L	86
54) o-Xylene	12.160	106	161918	21.768	ug/L	97
55) Styrene	12.178	104	281680	22.250	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	88219	24.714	ug/L	99
59) Bromoform	12.343	173	42137	21.993	ug/L	97
60) Isopropylbenzene	12.459	105	443800	20.395	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65163	24.556	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	292222	21.070	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	361873	21.681	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	190386	20.620	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	190337	20.266	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	172895	21.289	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	13877	22.821	ug/L	95
69) 1,3,5-Trichlorobenzene	14.617	180	125366	19.732	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	109495	22.069	ug/L	96
71) Naphthalene	15.354	128	219027	24.944	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	92097	20.918	ug/L	96

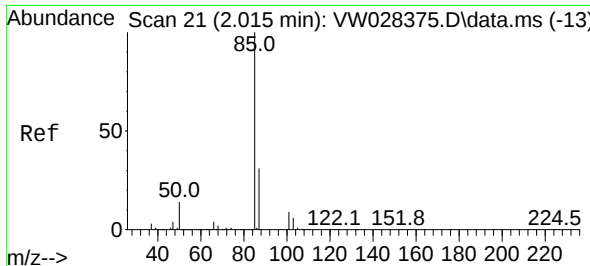
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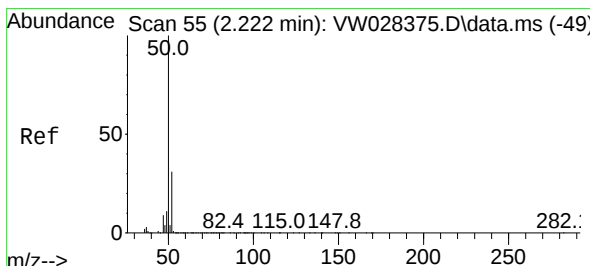
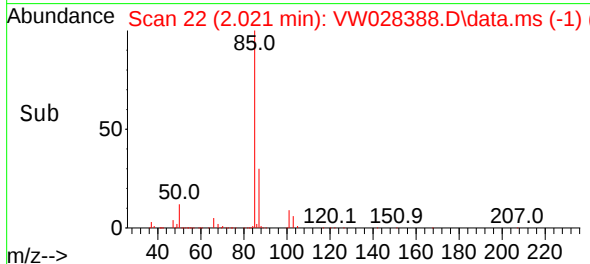
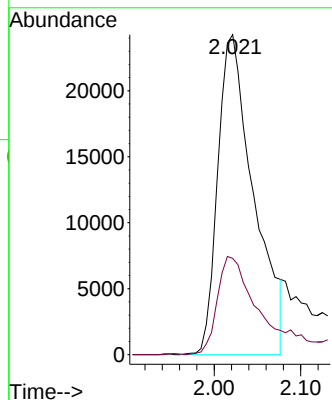
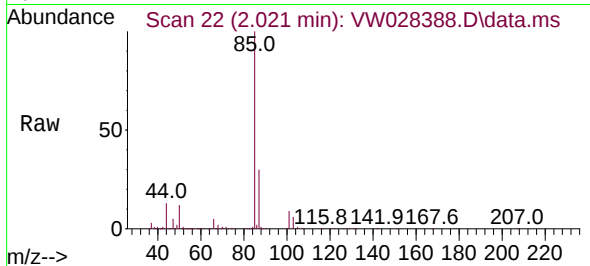




#2
Dichlorodifluoromethane
Concen: 17.136 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW028388.D
Acq: 10 Apr 2024 18:17

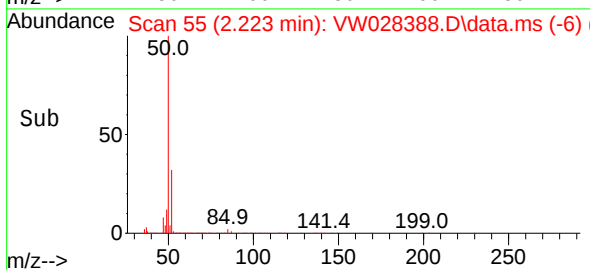
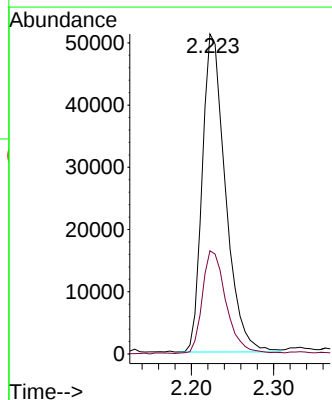
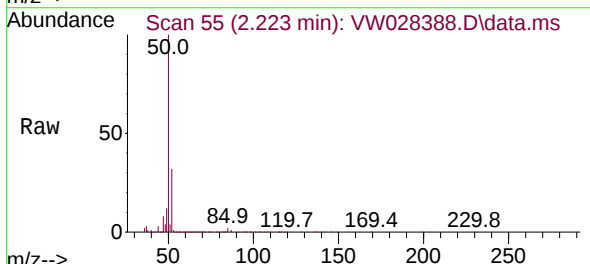
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MSVOA_W
ClientSampleId :

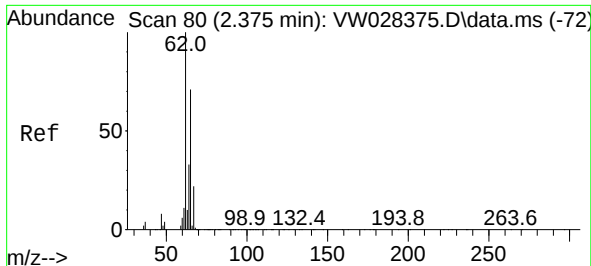
Tgt Ion: 85 Resp: 69882
Ion Ratio Lower Upper
85 100
87 32.7 23.4 35.0



#3
Chloromethane
Concen: 20.963 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028388.D
Acq: 10 Apr 2024 18:17

Tgt Ion: 50 Resp: 100369
Ion Ratio Lower Upper
50 100
52 32.3 23.0 42.6

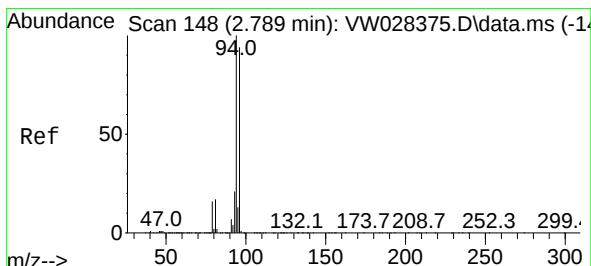
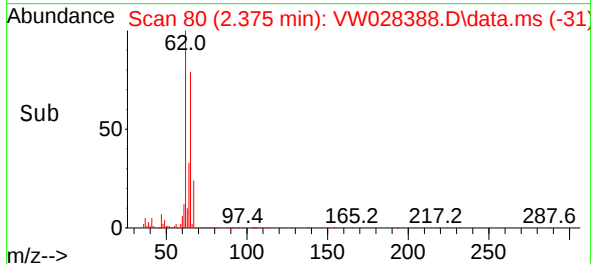
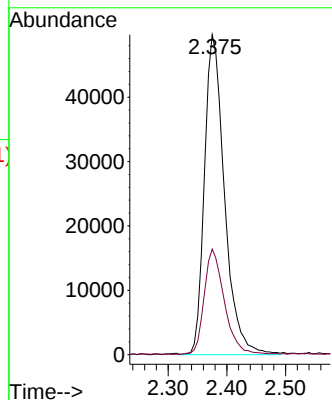
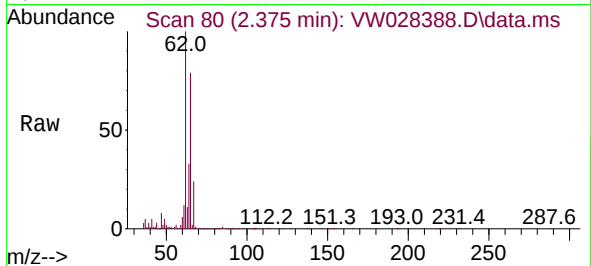




#5
 Vinyl chloride
 Concen: 20.680 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028388.D
 Acq: 10 Apr 2024 18:17

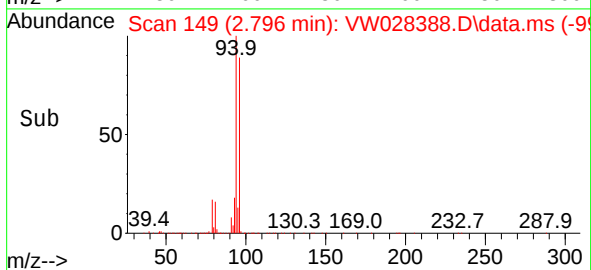
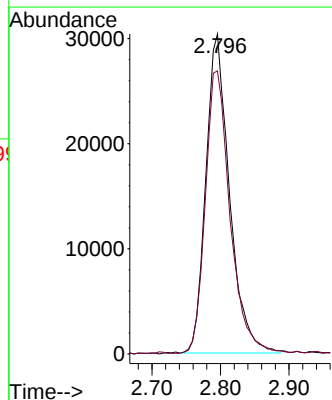
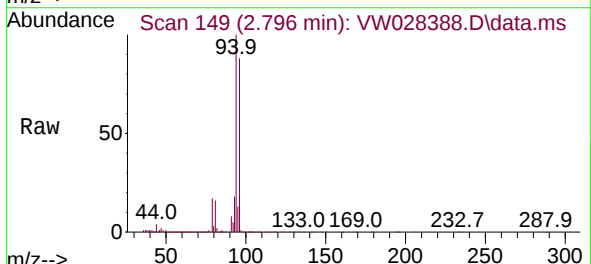
Instrument :
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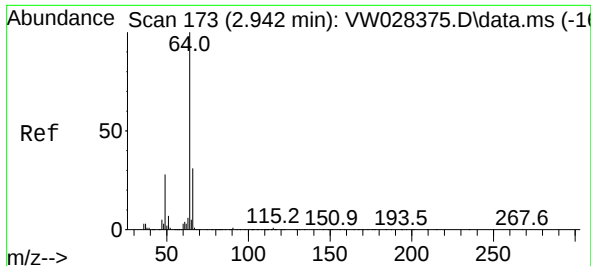
Tgt Ion: 62 Resp: 117919
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#6
 Bromomethane
 Concen: 20.428 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028388.D
 Acq: 10 Apr 2024 18:17

Tgt Ion: 94 Resp: 72776
 Ion Ratio Lower Upper
 94 100
 96 88.4 64.3 119.5

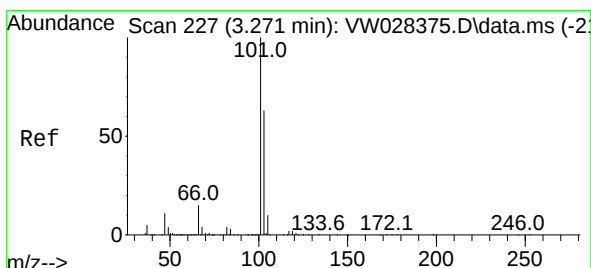
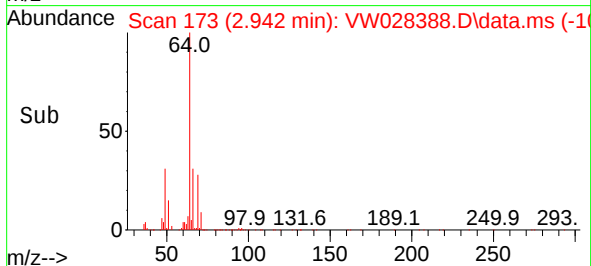
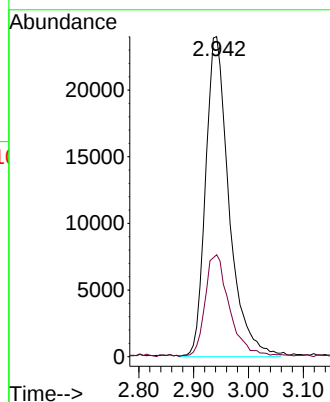
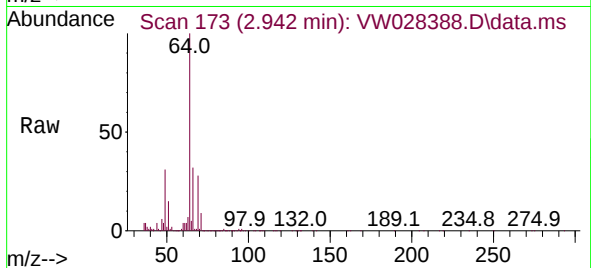




#8
Chloroethane
Concen: 20.782 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028388.D
Acq: 10 Apr 2024 18:17

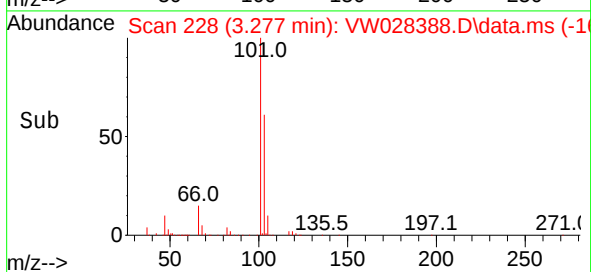
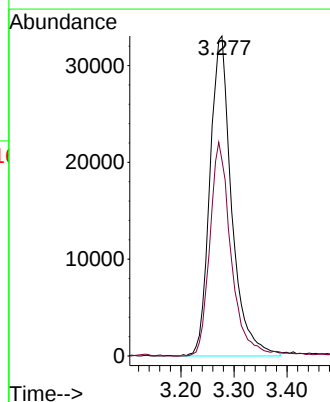
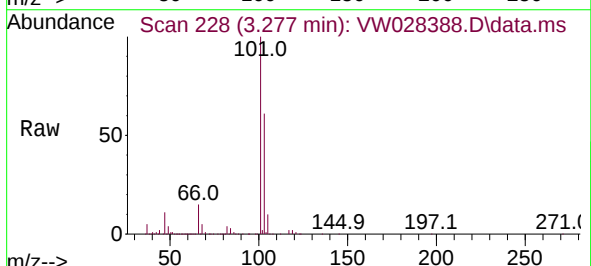
Instrument :
MSVOA_W
ClientSampleId :

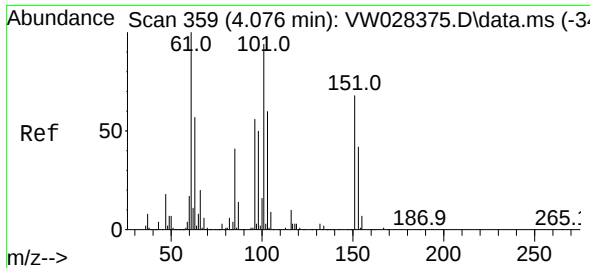
Tgt Ion: 64 Resp: 71434
Ion Ratio Lower Upper
64 100
66 31.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 20.692 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.006 min
Lab File: VW028388.D
Acq: 10 Apr 2024 18:17

Tgt Ion:101 Resp: 94123
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

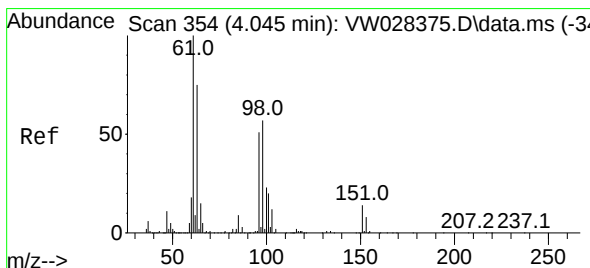
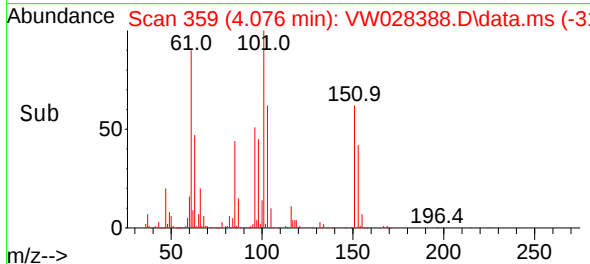
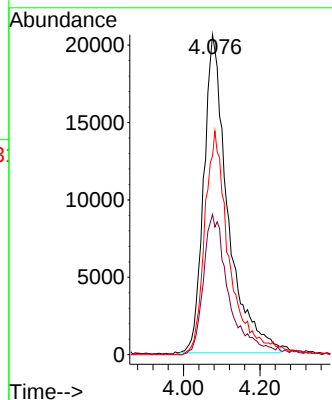
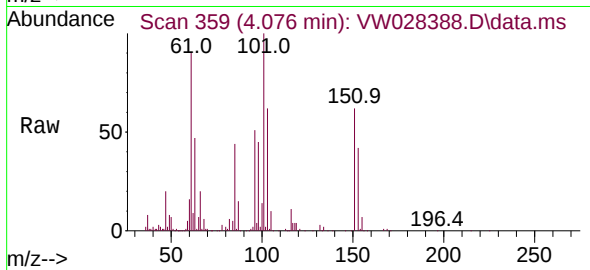




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.027 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW028388.D
 Acq: 10 Apr 2024 18:17

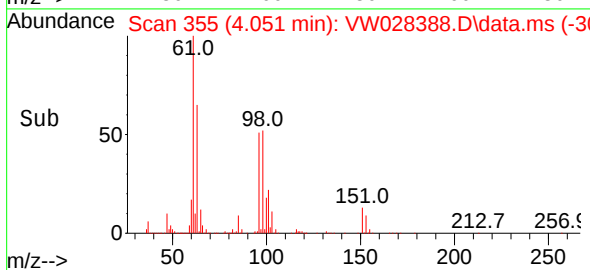
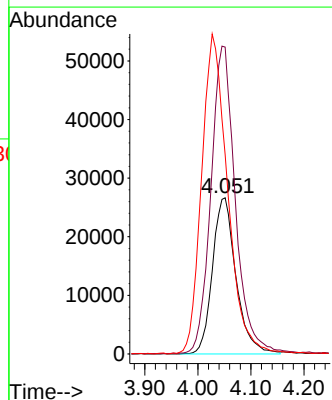
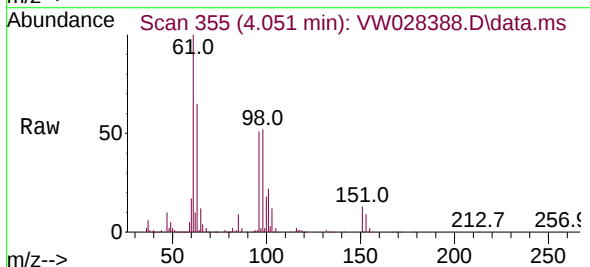
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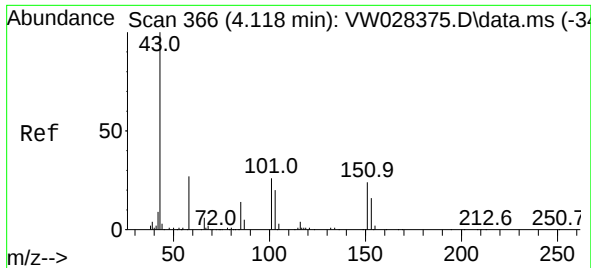
Tgt Ion:101 Resp: 89987
 Ion Ratio Lower Upper
 101 100
 85 21.8 34.5 51.7#
 151 65.3 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 20.465 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW028388.D
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Tgt Ion: 96 Resp: 82232
 Ion Ratio Lower Upper
 96 100
 61 196.6 130.5 242.5
 63 127.6 101.5 188.5

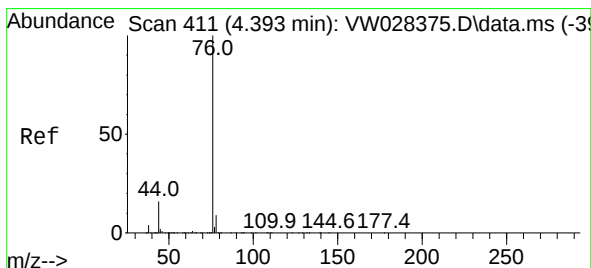
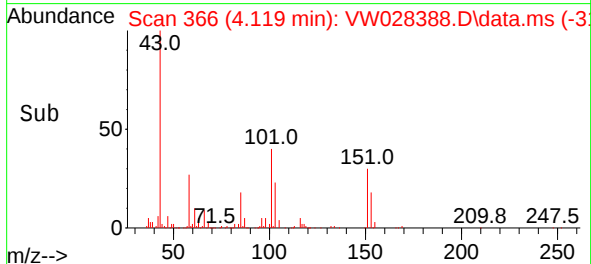
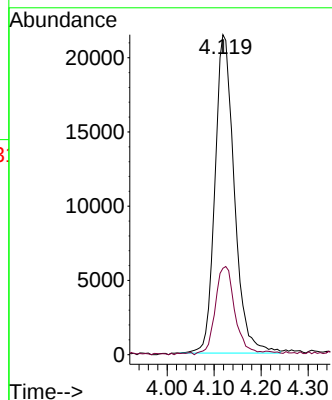
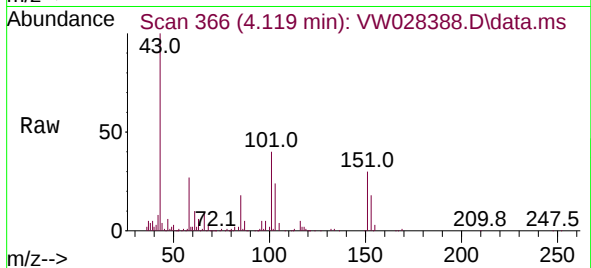




#13
Acetone
Concen: 54.990 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW028388.D
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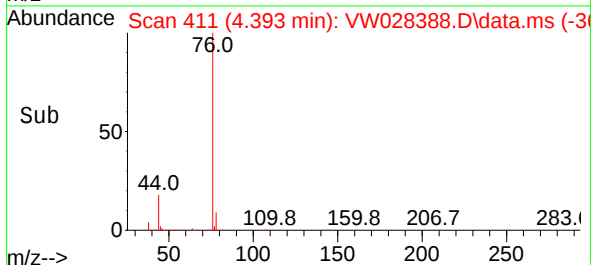
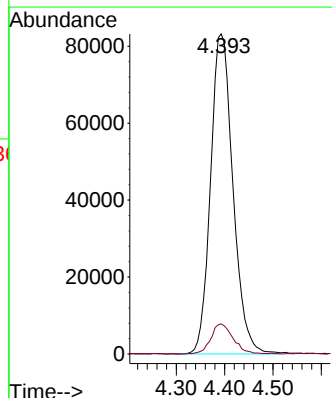
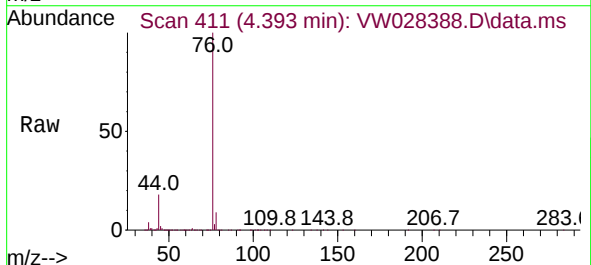
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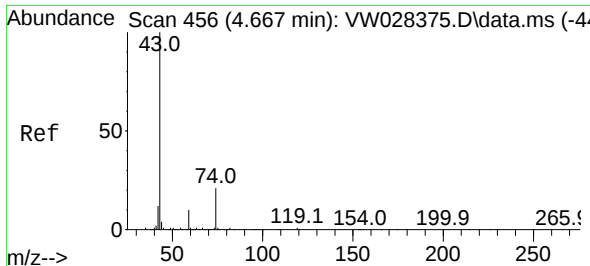
Tgt Ion: 43 Resp: 61417
Ion Ratio Lower Upper
43 100
58 28.3 0.0 53.4



#14
Carbon disulfide
Concen: 20.227 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 267586
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9





#15

Methyl Acetate

Concen: 24.619 ug/L

RT: 4.667 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Instrument :

MSVOA_W

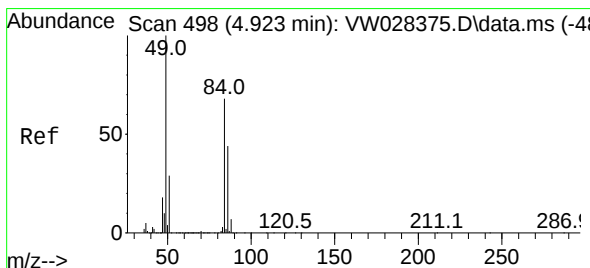
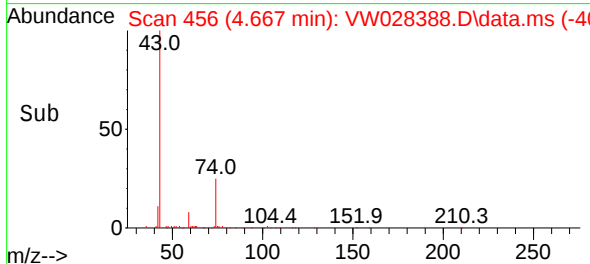
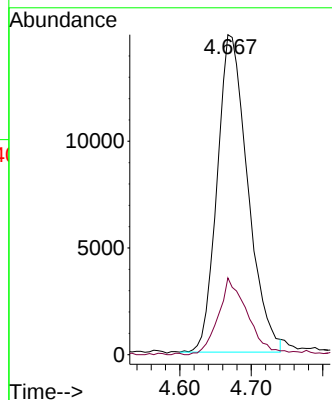
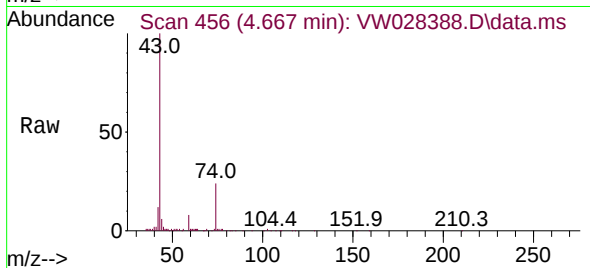
ClientSampleId :

Tgt Ion: 43 Resp: 44243

Ion Ratio Lower Upper

43 100

74 23.1 17.4 26.0



#16

Methylene chloride

Concen: 20.585 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

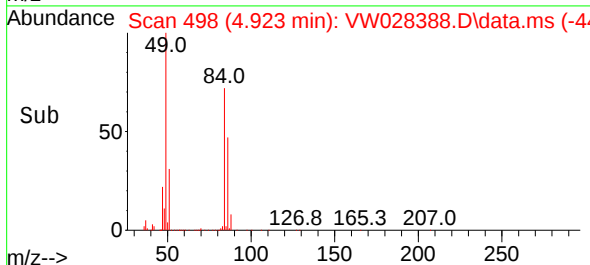
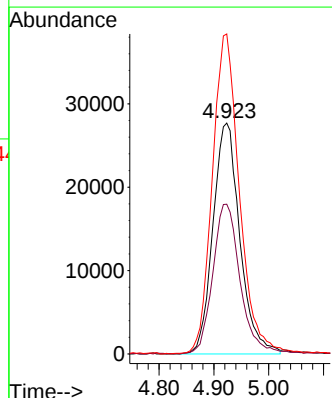
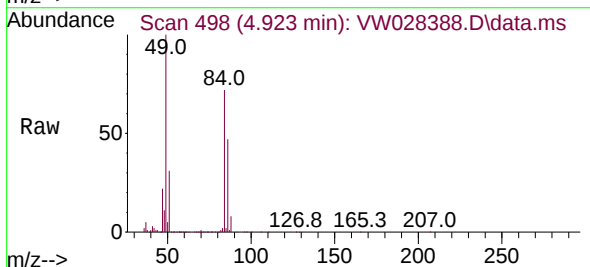
Tgt Ion: 84 Resp: 94445

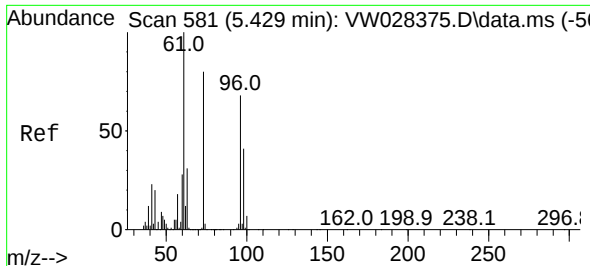
Ion Ratio Lower Upper

84 100

86 64.9 44.2 82.0

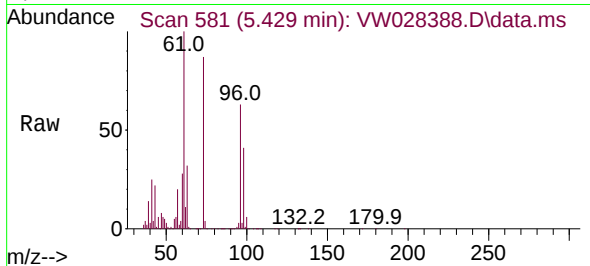
49 138.6 95.0 176.4



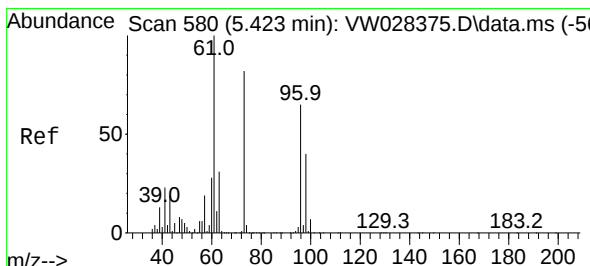
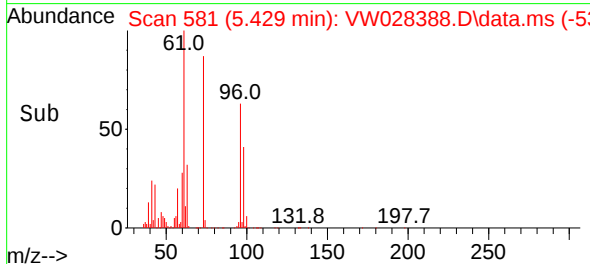
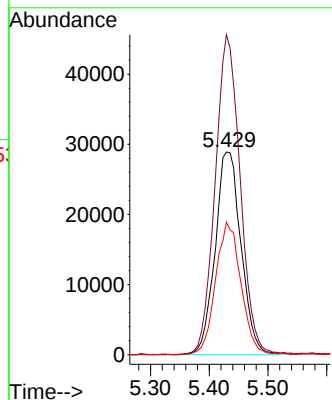


#17
trans-1,2-Dichloroethene
Concen: 20.931 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028388.D
Acq: 10 Apr 2024 18:17

Instrument :
MSVOA_W
ClientSampleId :

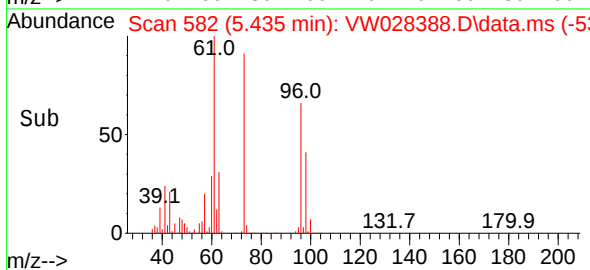
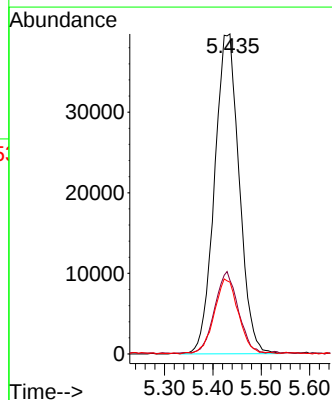
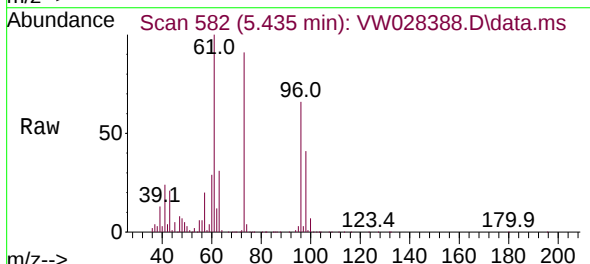


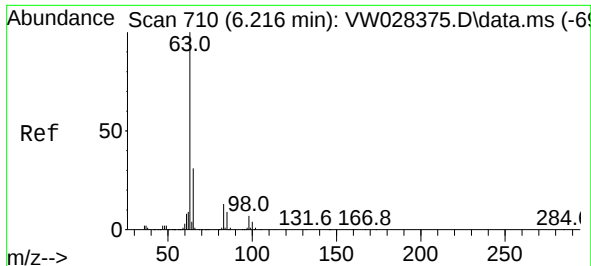
Tgt Ion: 96 Resp: 88595
Ion Ratio Lower Upper
96 100
61 157.8 108.4 201.4
98 65.4 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 23.590 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.012 min
Lab File: VW028388.D
Acq: 10 Apr 2024 18:17

Tgt Ion: 73 Resp: 140458
Ion Ratio Lower Upper
73 100
43 24.0 18.5 27.7
57 22.3 18.2 27.4





#19

1,1-Dichloroethane

Concen: 21.049 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

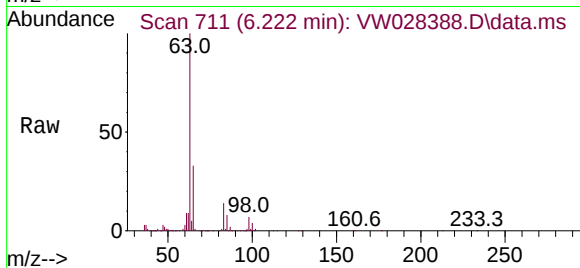
Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :



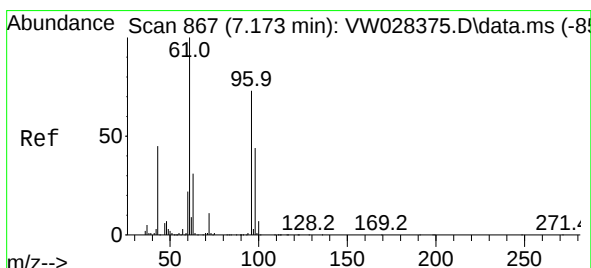
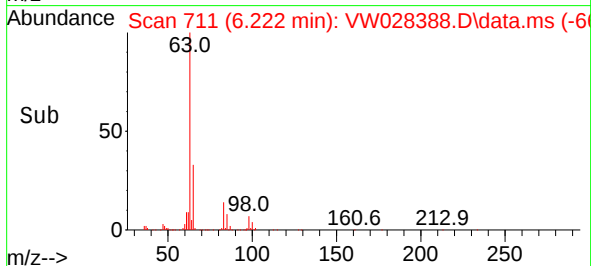
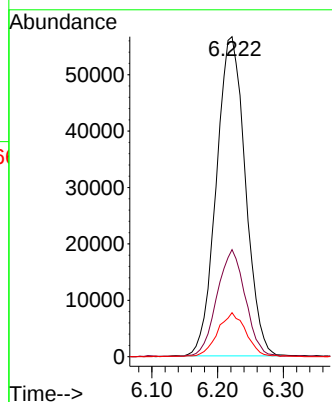
Tgt Ion: 63 Resp: 173585

Ion Ratio Lower Upper

63 100

65 33.4 21.8 40.4

83 13.8 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 21.548 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

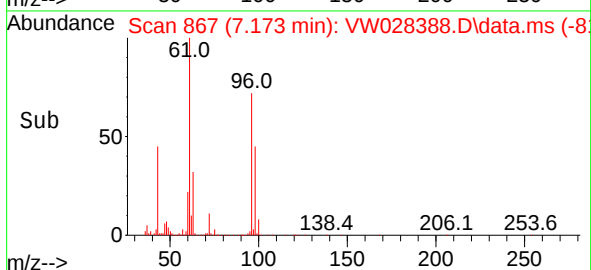
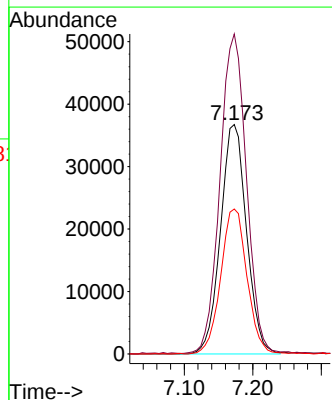
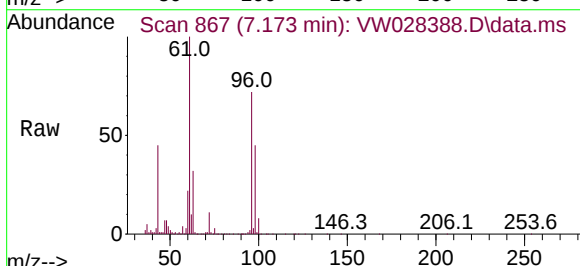
Tgt Ion: 96 Resp: 96801

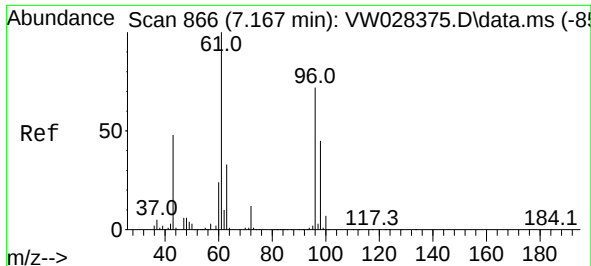
Ion Ratio Lower Upper

96 100

61 139.4 97.6 181.2

98 63.2 47.7 88.5





#22

2-Butanone

Concen: 49.939 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Instrument :

MSVOA_W

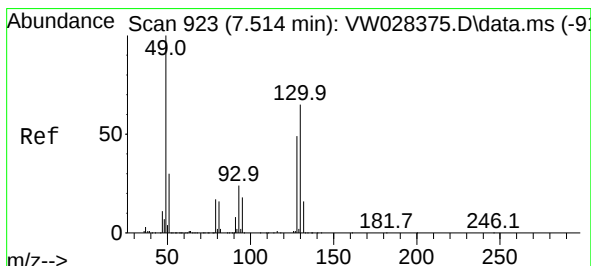
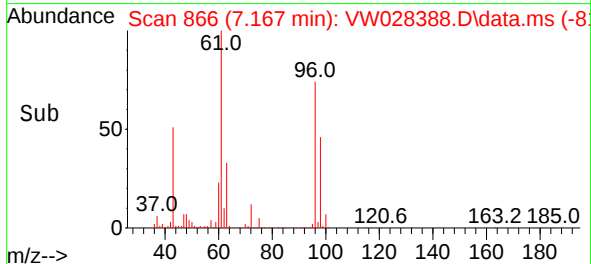
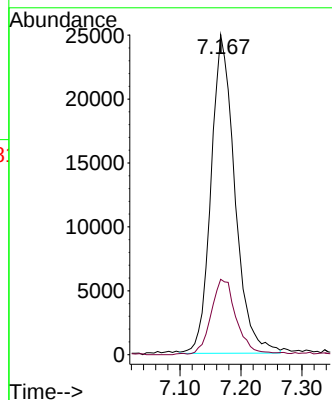
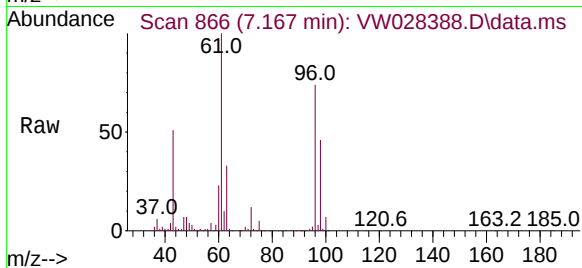
ClientSampleId :

Tgt Ion: 43 Resp: 67688

Ion Ratio Lower Upper

43 100

72 24.9 12.8 38.4



#23

Bromochloromethane

Concen: 21.692 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Tgt Ion: 128 Resp: 41974

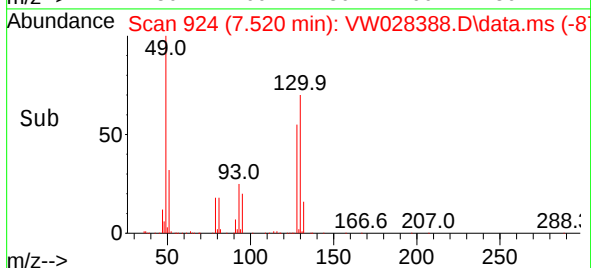
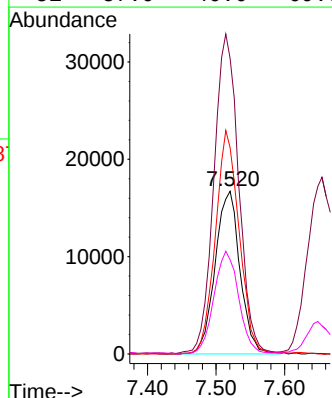
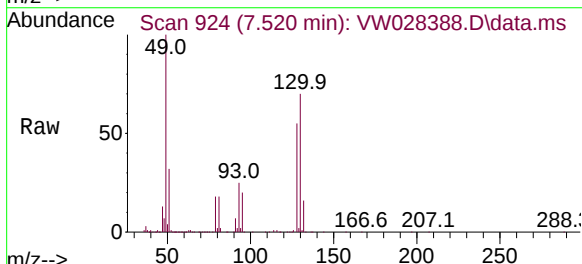
Ion Ratio Lower Upper

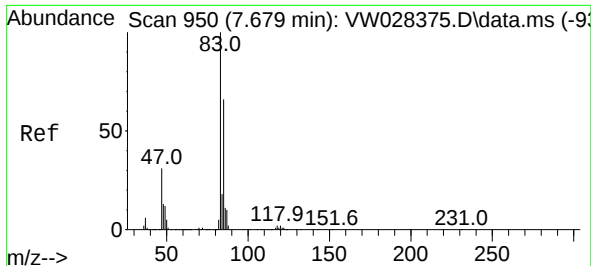
128 100

49 181.7 127.1 236.0

130 126.8 78.3 145.5

51 57.9 46.0 69.0





#25

Chloroform

Concen: 21.724 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Instrument :

MSVOA_W

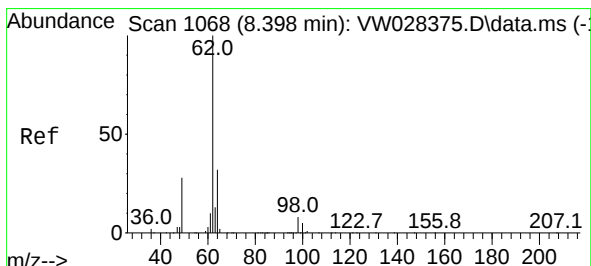
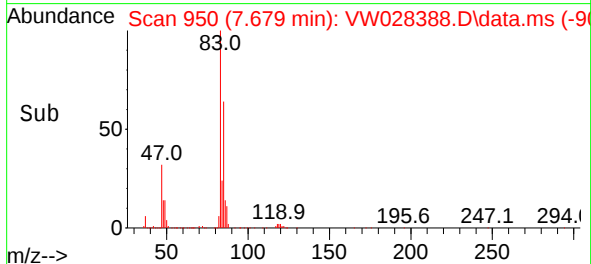
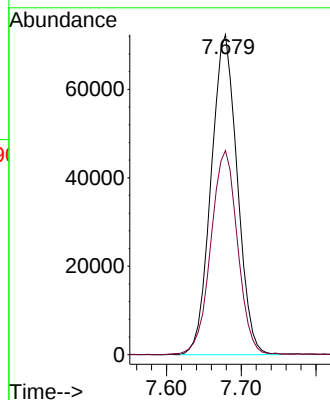
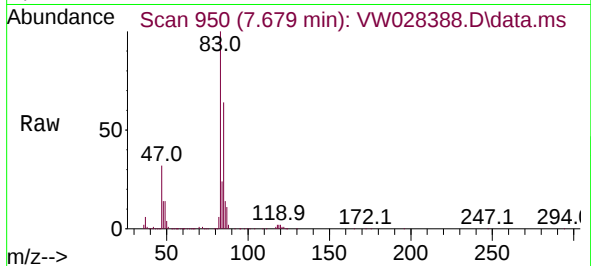
ClientSampleId :

Tgt Ion: 83 Resp: 175990

Ion Ratio Lower Upper

83 100

85 63.8 47.7 88.7



#27

1,2-Dichloroethane

Concen: 22.870 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028388.D

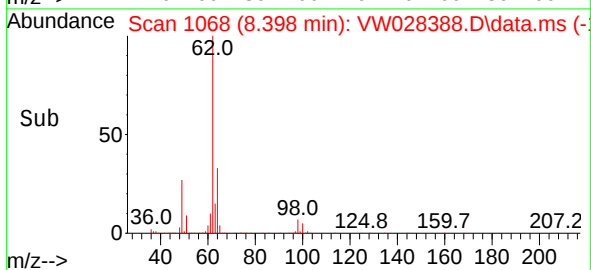
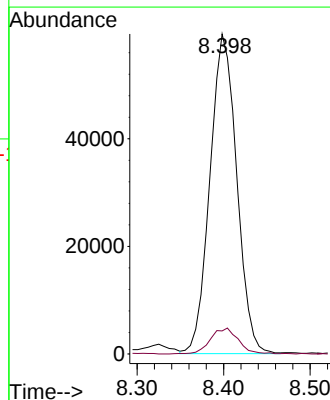
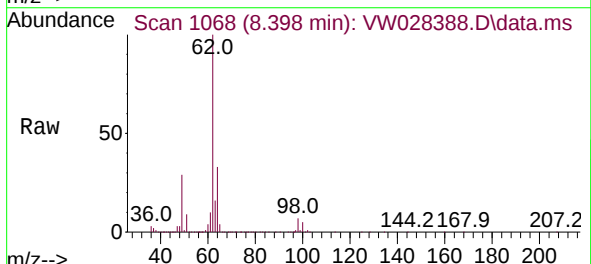
Acq: 10 Apr 2024 18:17

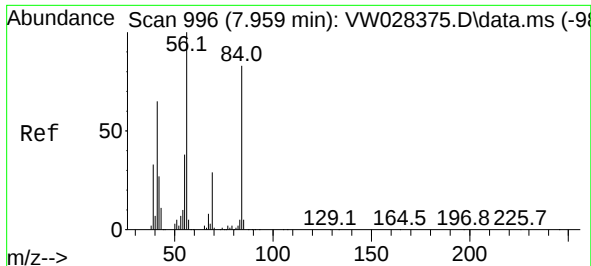
Tgt Ion: 62 Resp: 127877

Ion Ratio Lower Upper

62 100

98 7.2 6.6 10.0





#29

Cyclohexane

Concen: 21.345 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :

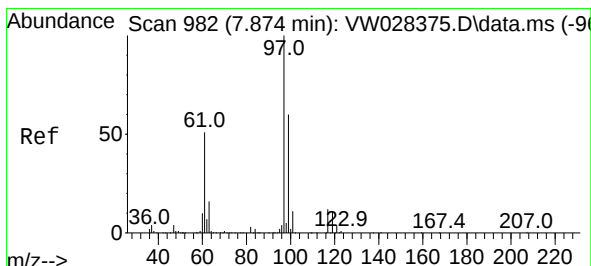
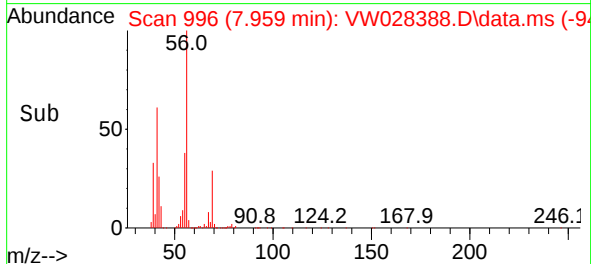
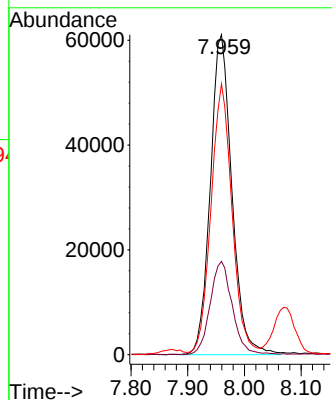
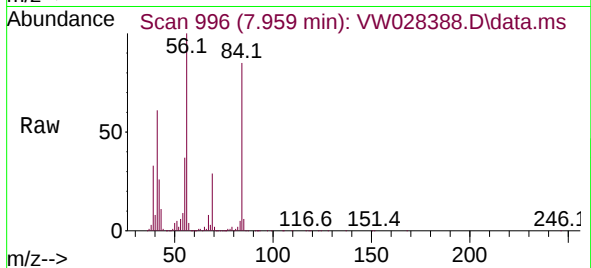
Tgt Ion: 56 Resp: 161315

Ion Ratio Lower Upper

56 100

69 29.6 23.8 35.6

84 82.1 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 20.527 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

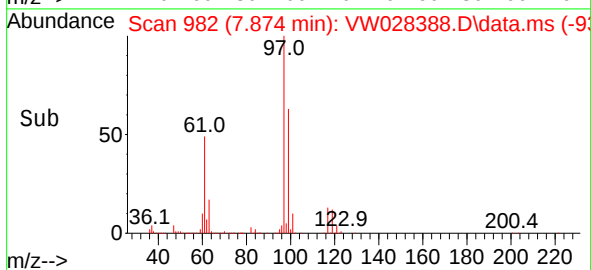
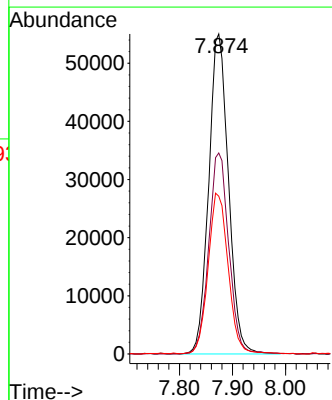
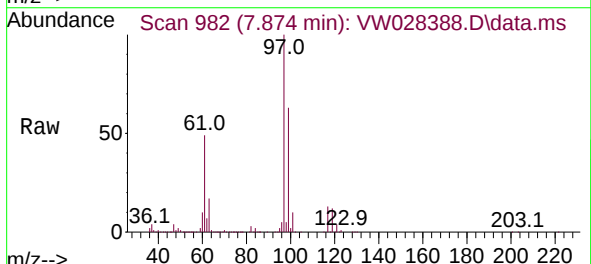
Tgt Ion: 97 Resp: 142431

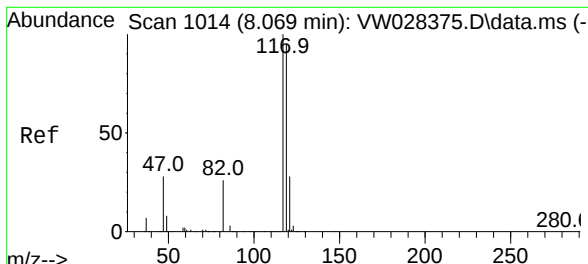
Ion Ratio Lower Upper

97 100

99 63.3 51.4 77.2

61 50.6 40.5 60.7

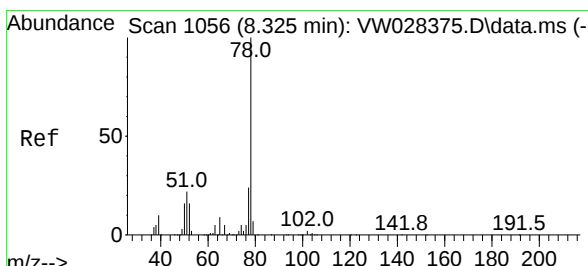
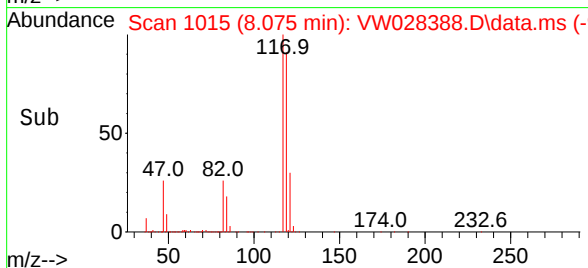
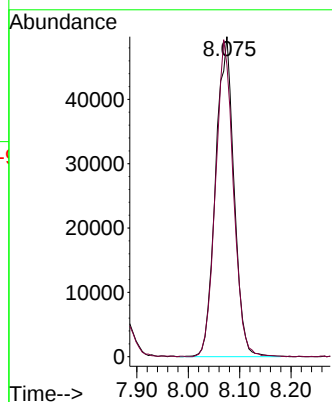
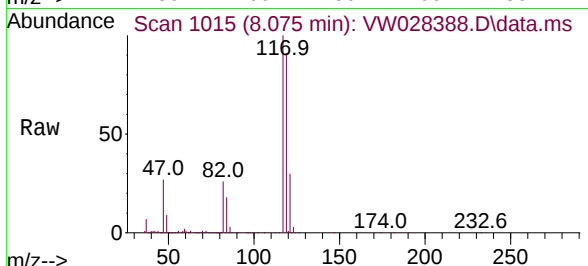




#31
Carbon tetrachloride
Concen: 20.085 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW028388.D
Acq: 10 Apr 2024 18:17

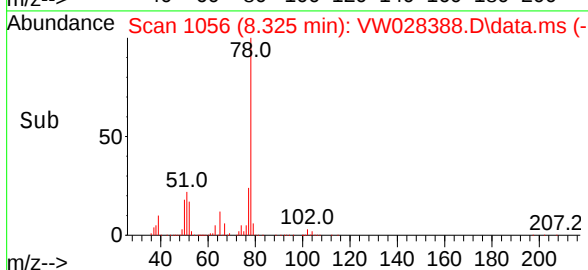
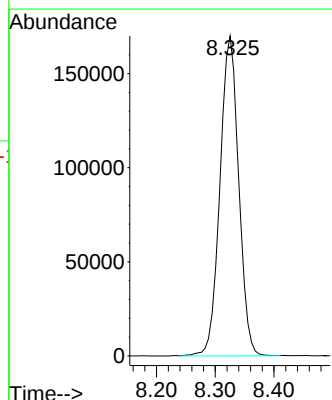
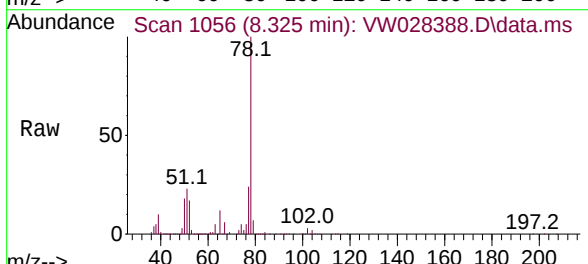
Instrument :
MSVOA_W
ClientSampleId :

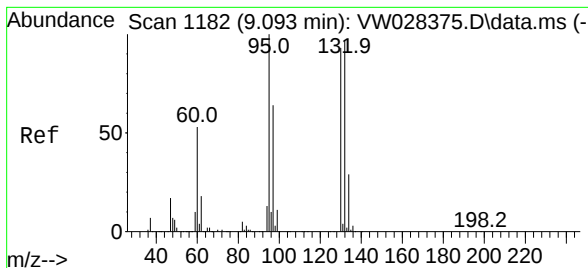
Tgt Ion:117 Resp: 123588
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.2



#33
Benzene
Concen: 21.045 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028388.D
Acq: 10 Apr 2024 18:17

Tgt Ion: 78 Resp: 376460





#34

Trichloroethene

Concen: 20.498 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

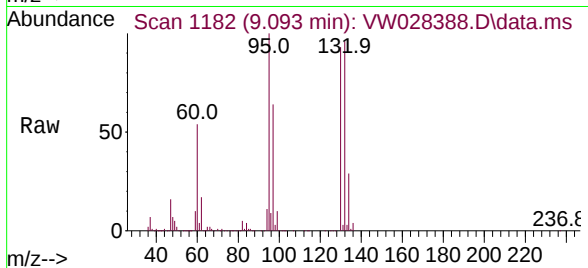
Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 99370

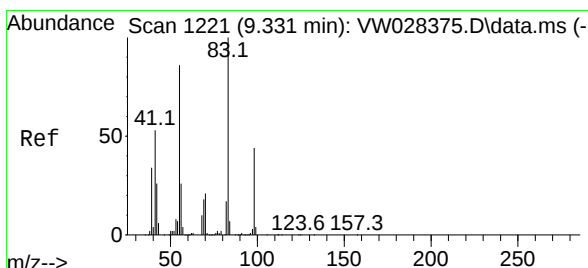
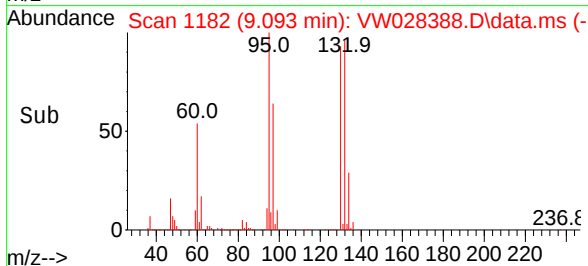
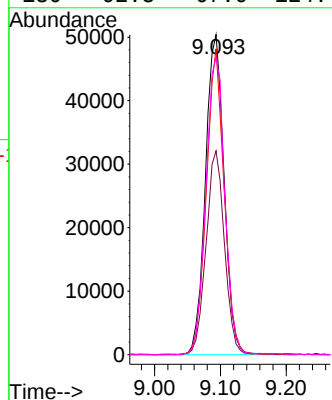
Ion Ratio Lower Upper

95 100

97 63.6 43.8 81.4

132 95.6 66.1 122.8

130 92.8 67.0 124.4



#35

Methylcyclohexane

Concen: 20.698 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

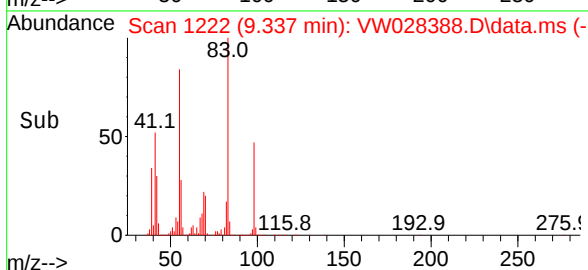
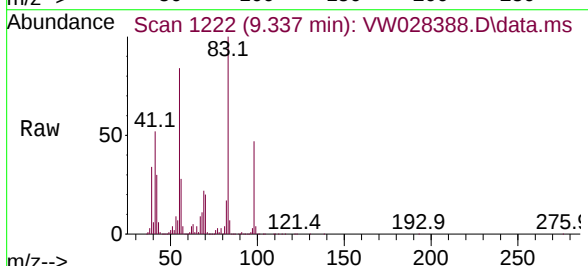
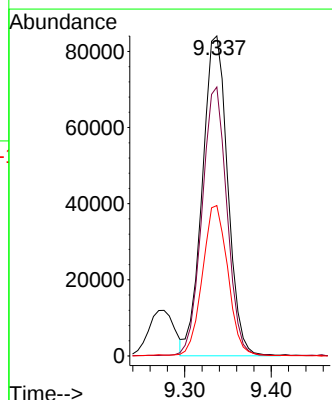
Tgt Ion: 83 Resp: 171223

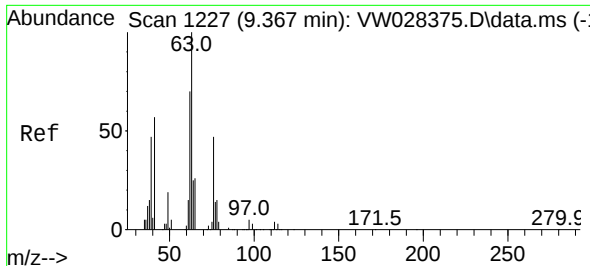
Ion Ratio Lower Upper

83 100

55 82.5 65.7 98.5

98 46.9 38.6 58.0





#37

1,2-Dichloropropane

Concen: 21.063 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Instrument :

MSVOA_W

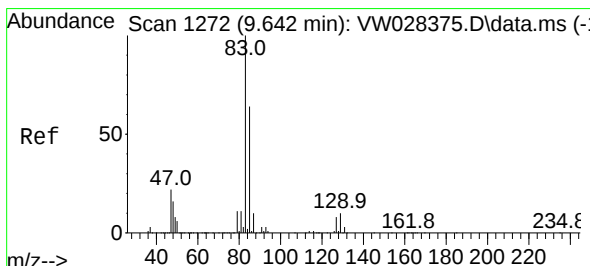
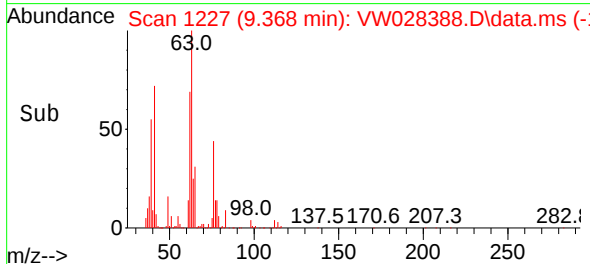
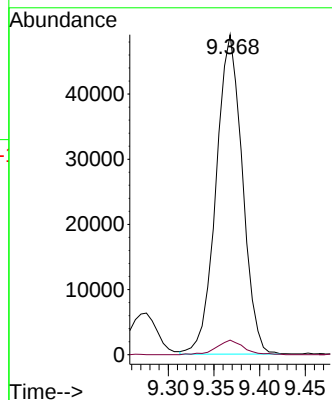
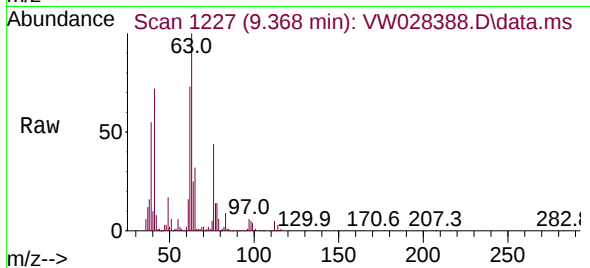
ClientSampleId :

Tgt Ion: 63 Resp: 98205

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 21.701 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

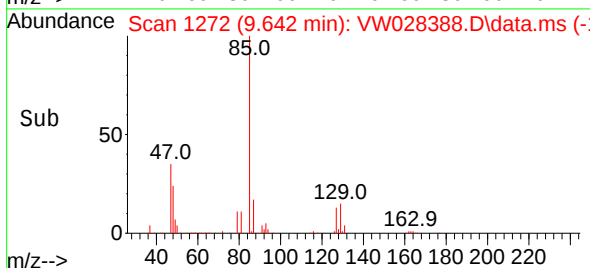
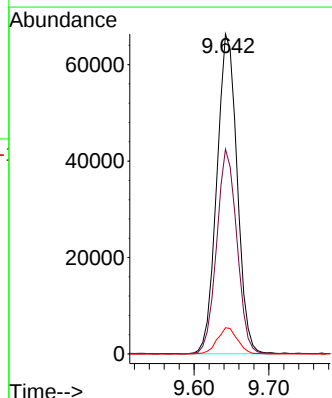
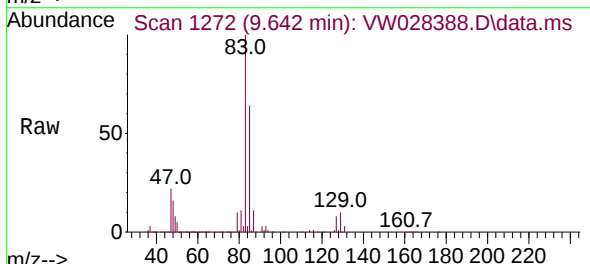
Tgt Ion: 83 Resp: 125408

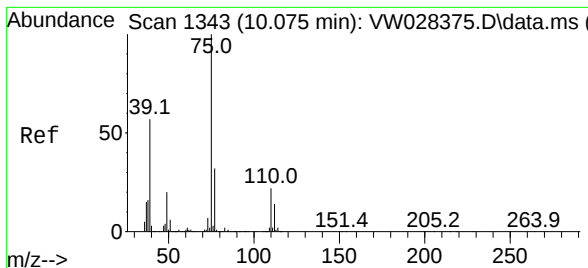
Ion Ratio Lower Upper

83 100

85 64.0 43.1 80.1

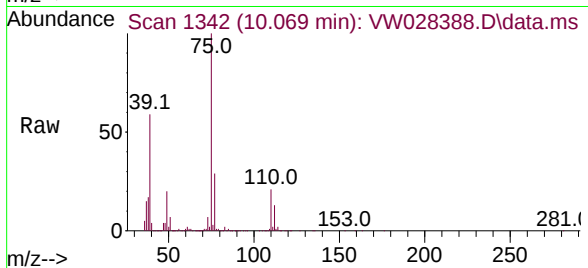
127 8.2 6.4 9.6



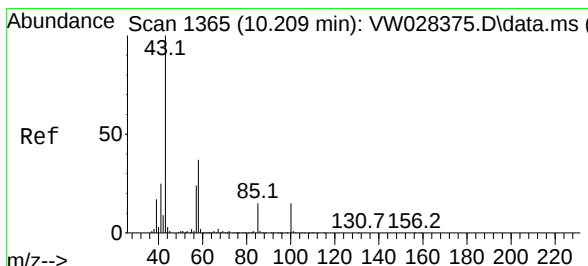
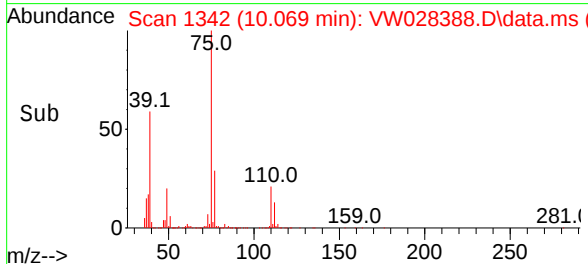
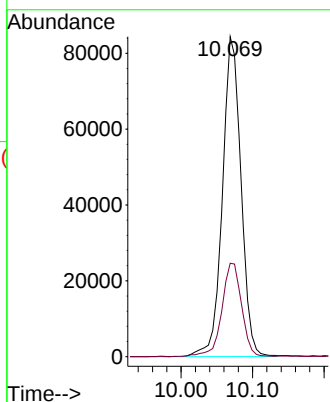


#39
cis-1,3-Dichloropropene
Concen: 22.276 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW028388.D
Acq: 10 Apr 2024 18:17

Instrument :
MSVOA_W
ClientSampleId :

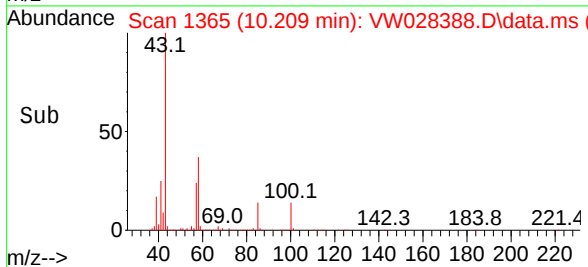
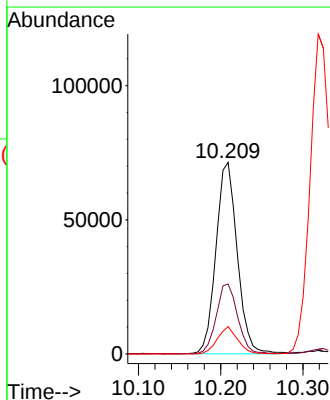
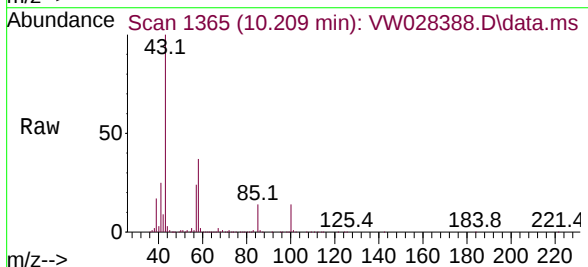


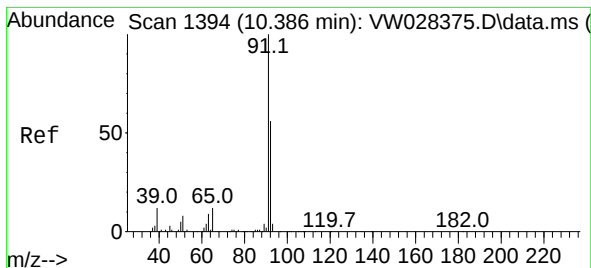
Tgt Ion: 75 Resp: 152304
Ion Ratio Lower Upper
75 100
77 29.2 21.3 39.5



#40
4-Methyl-2-pentanone
Concen: 54.956 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW028388.D
Acq: 10 Apr 2024 18:17

Tgt Ion: 43 Resp: 128264
Ion Ratio Lower Upper
43 100
58 36.8 28.6 43.0
100 13.7 10.6 16.0





#42

Toluene

Concen: 21.153 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Instrument :

MSVOA_W

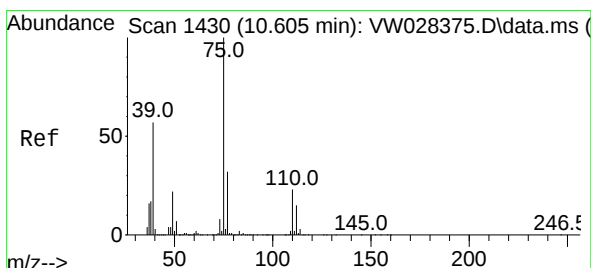
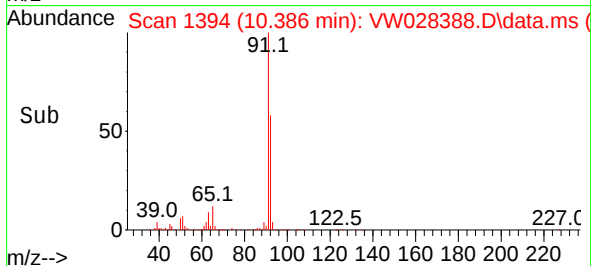
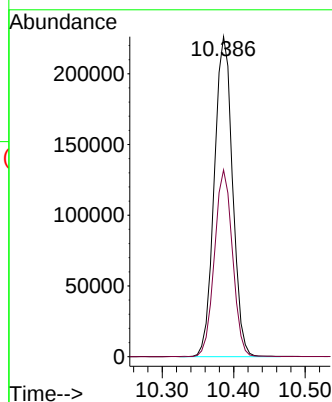
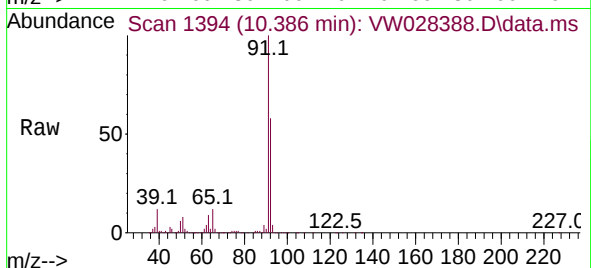
ClientSampleId :

Tgt Ion: 91 Resp: 400863

Ion Ratio Lower Upper

91 100

92 58.3 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 22.819 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028388.D

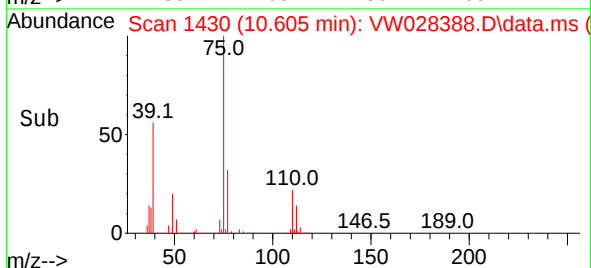
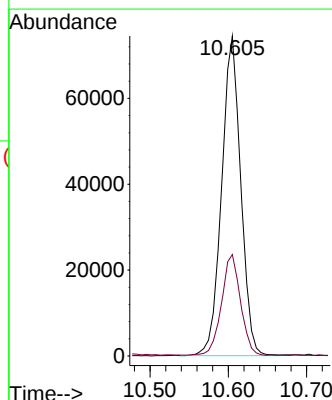
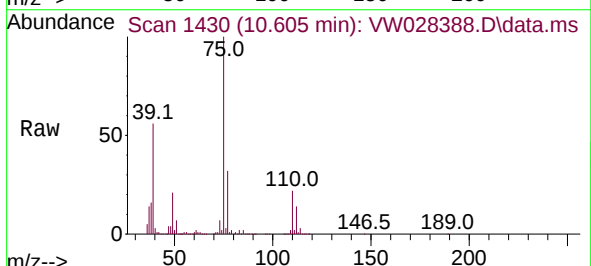
Acq: 10 Apr 2024 18:17

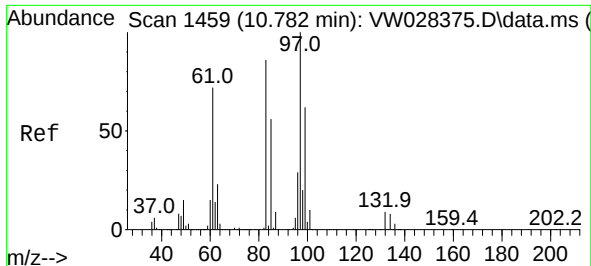
Tgt Ion: 75 Resp: 126215

Ion Ratio Lower Upper

75 100

77 31.7 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 22.481 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

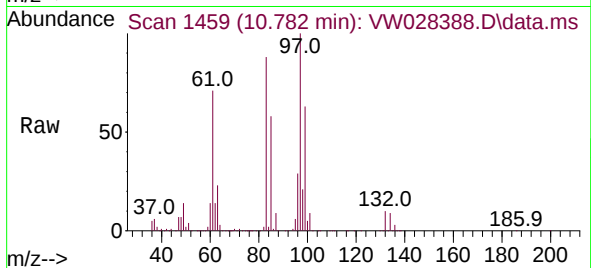
Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 70911

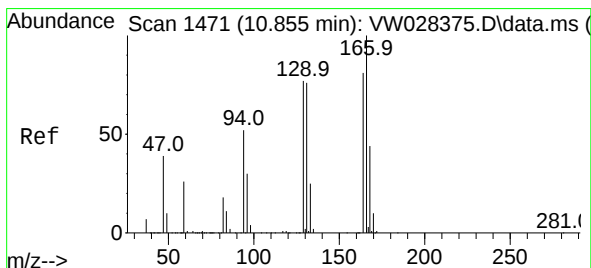
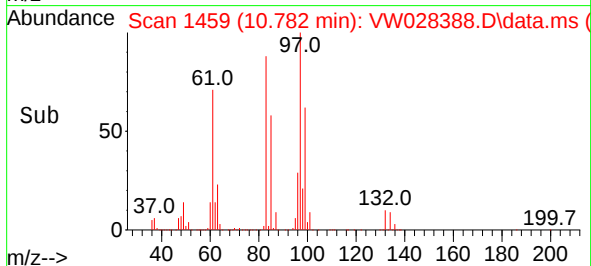
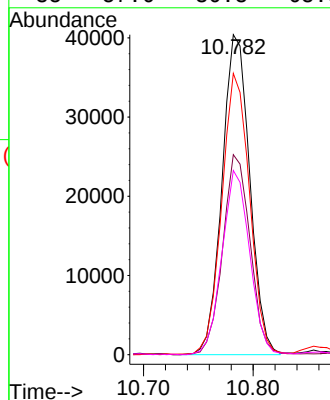
Ion Ratio Lower Upper

97 100

99 62.5 44.2 82.2

83 87.9 56.4 104.7

85 57.6 36.8 68.3



#46

Tetrachloroethene

Concen: 20.097 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Tgt Ion:164 Resp: 72773

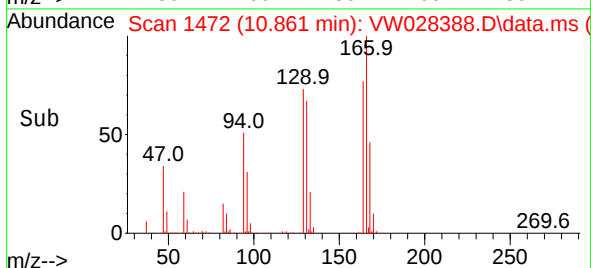
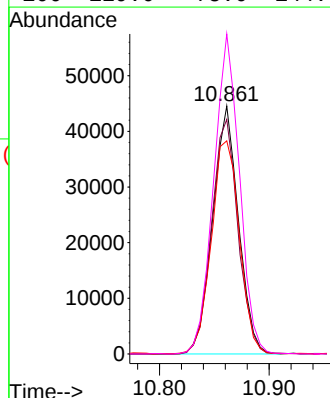
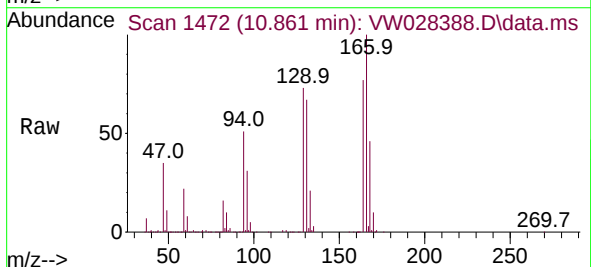
Ion Ratio Lower Upper

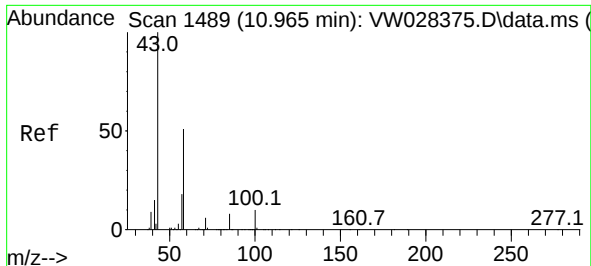
164 100

129 94.6 59.7 110.9

131 85.9 58.2 108.2

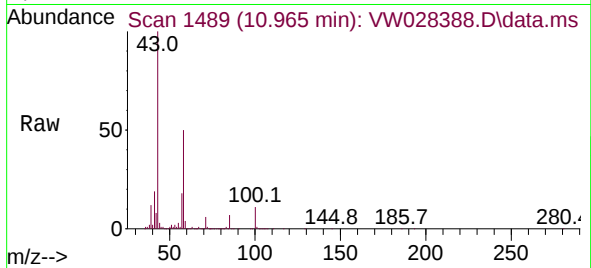
166 129.0 78.0 144.8



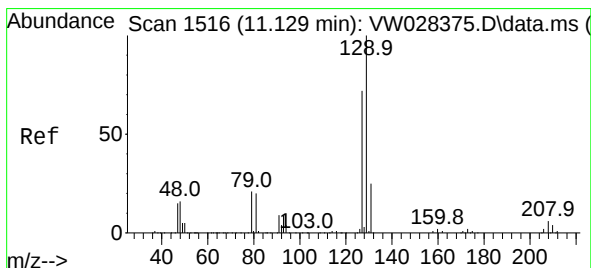
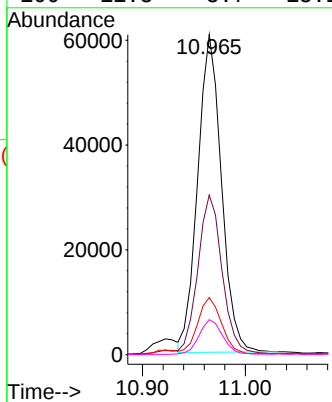
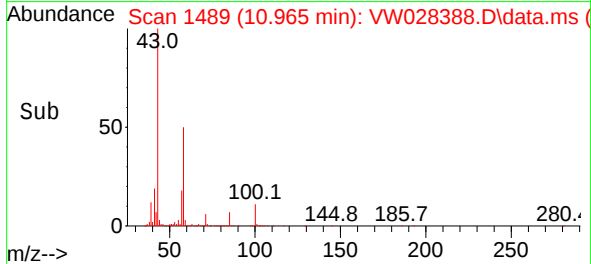


#48
2-Hexanone
Concen: 52.720 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028388.D
Acq: 10 Apr 2024 18:17

Instrument :
MSVOA_W
ClientSampleId :

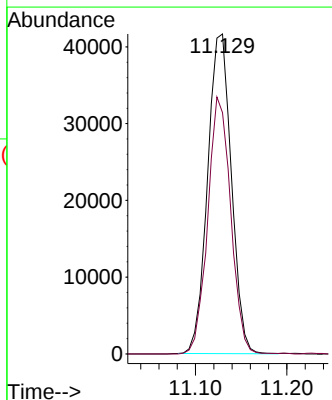
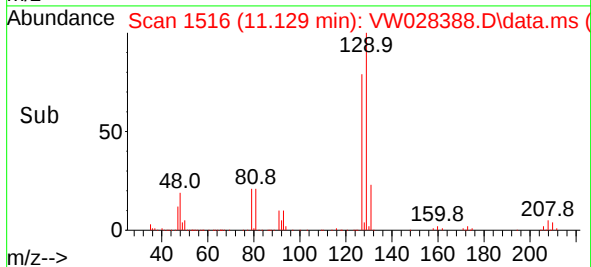
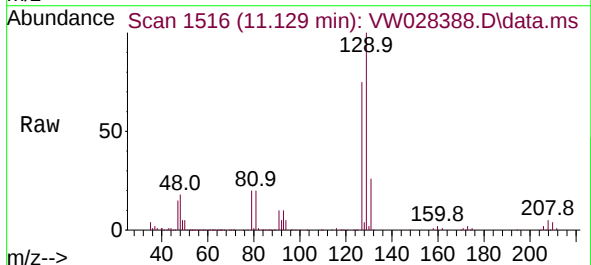


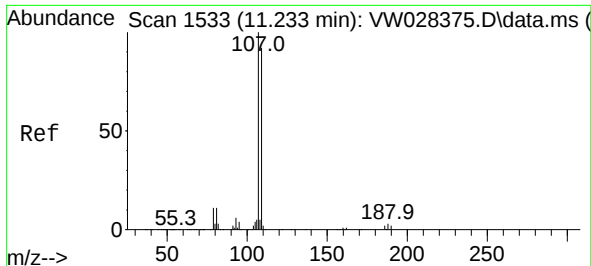
Tgt Ion: 43 Resp: 97670
Ion Ratio Lower Upper
43 100
58 51.5 38.9 58.3
57 18.0 14.4 21.6
100 11.3 8.7 13.1



#49
Dibromochloromethane
Concen: 22.299 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW028388.D
Acq: 10 Apr 2024 18:17

Tgt Ion: 129 Resp: 75179
Ion Ratio Lower Upper
129 100
127 75.4 53.0 98.4





#50

1,2-Dibromoethane

Concen: 22.721 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028388.D

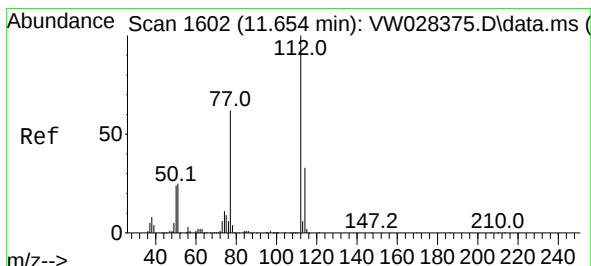
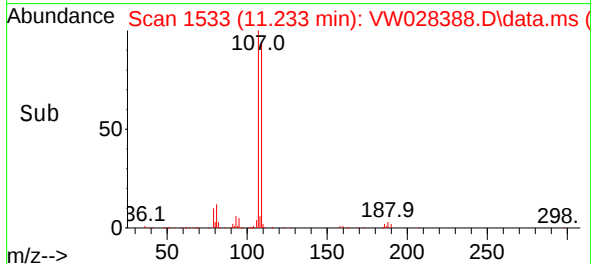
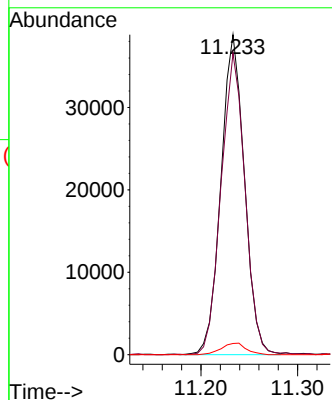
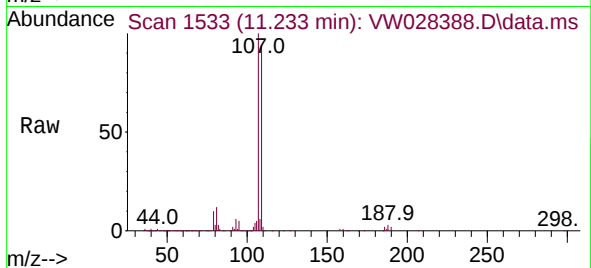
Acq: 10 Apr 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	65413
Ion	Ratio	Lower	Upper
107	100		
109	94.1	62.1	115.3
188	3.5	3.2	4.8



#51

Chlorobenzene

Concen: 20.419 ug/L

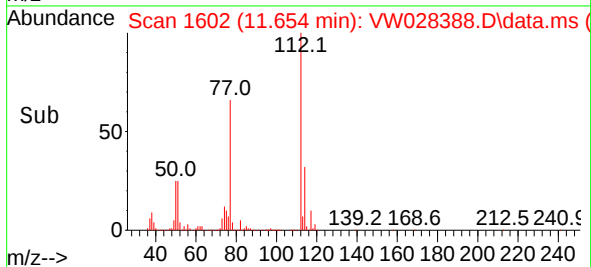
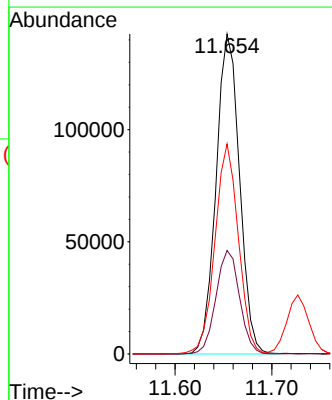
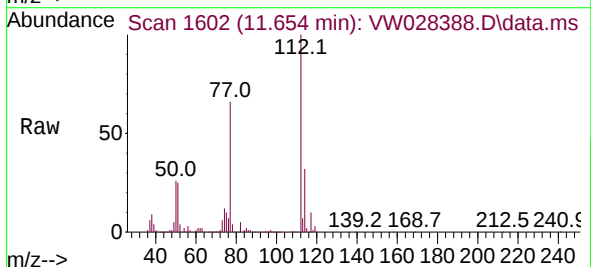
RT: 11.654 min Scan# 1602

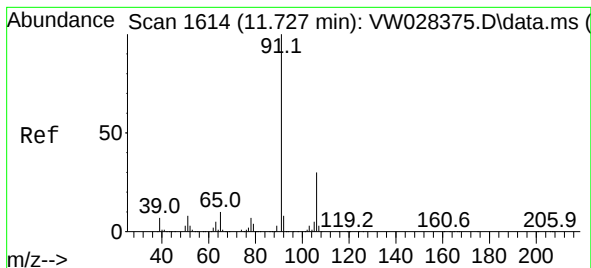
Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Tgt Ion:	112	Resp:	240524
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.3	41.3
77	65.6	51.8	77.8





#52

Ethylbenzene

Concen: 21.488 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Instrument :

MSVOA_W

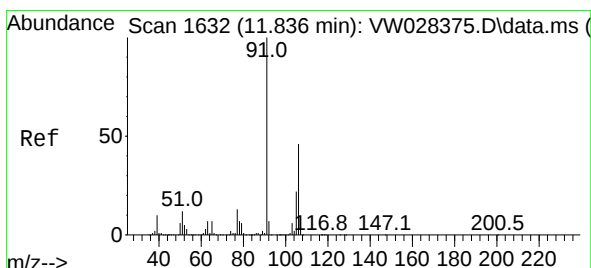
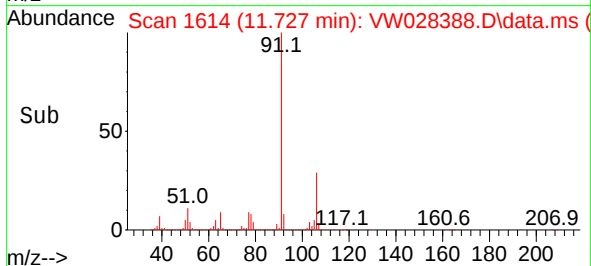
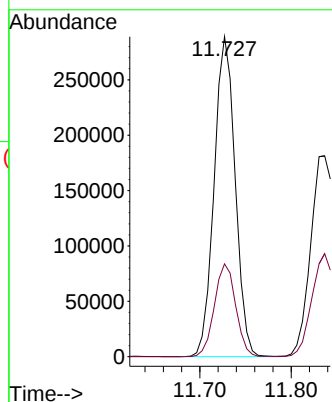
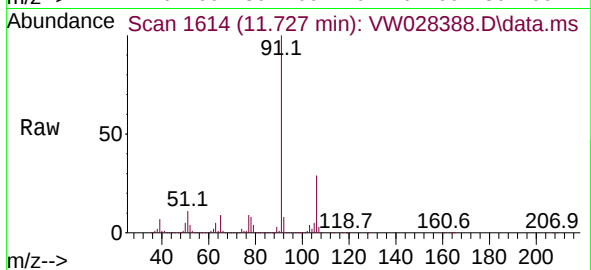
ClientSampleId :

Tgt Ion: 91 Resp: 461605

Ion Ratio Lower Upper

91 100

106 29.0 21.2 39.4



#53

m,p-Xylene

Concen: 21.384 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028388.D

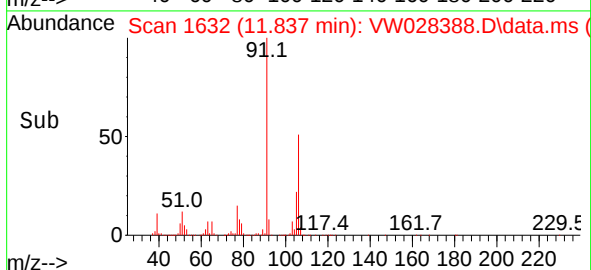
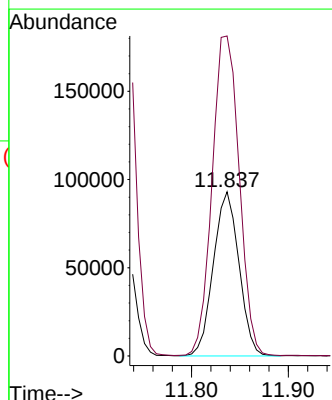
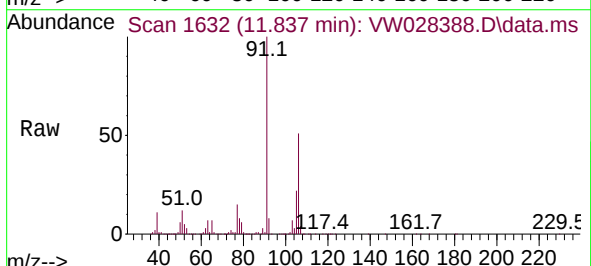
Acq: 10 Apr 2024 18:17

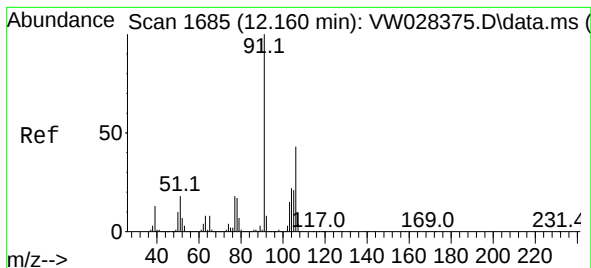
Tgt Ion:106 Resp: 170832

Ion Ratio Lower Upper

106 100

91 195.0 152.4 283.0

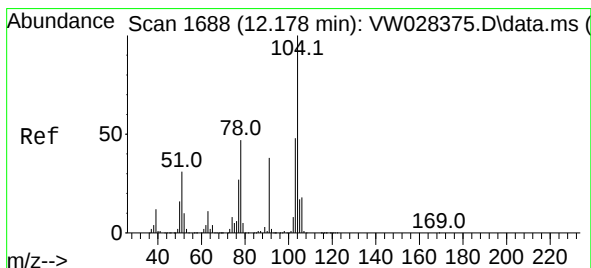
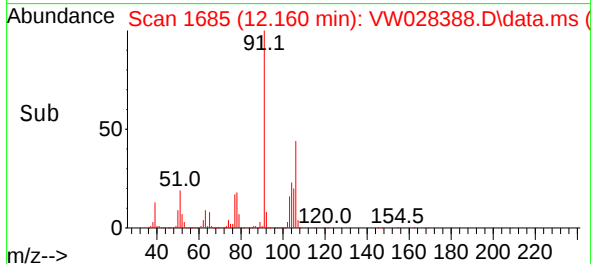
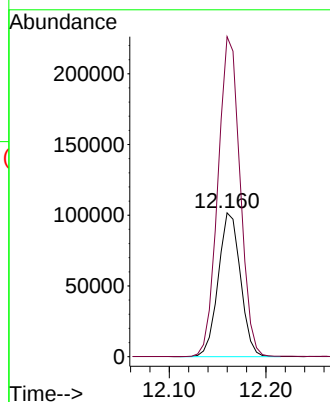
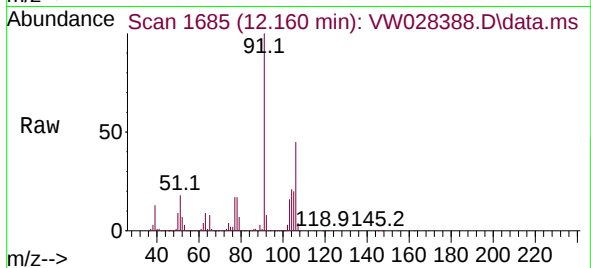




#54
o-Xylene
Concen: 21.768 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW028388.D
Acq: 10 Apr 2024 18:17

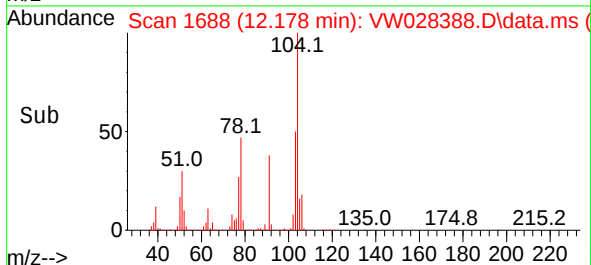
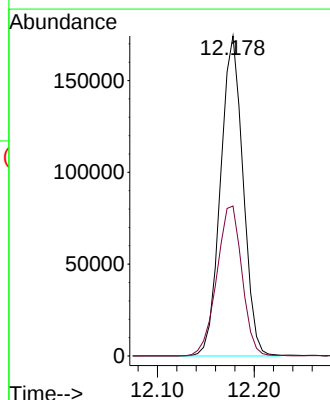
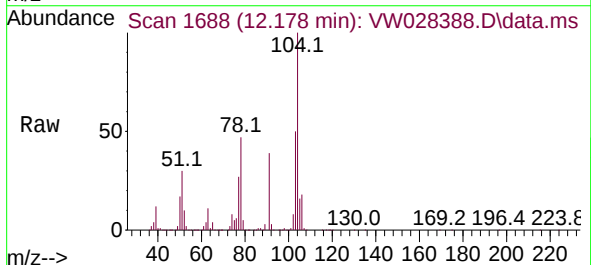
Instrument :
MSVOA_W
ClientSampleId :

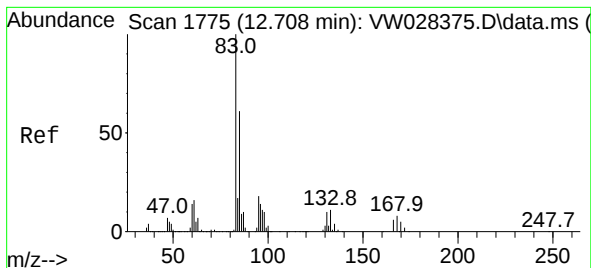
Tgt Ion:106 Resp: 161918
Ion Ratio Lower Upper
106 100
91 222.5 152.9 283.9



#55
Styrene
Concen: 22.250 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028388.D
Acq: 10 Apr 2024 18:17

Tgt Ion:104 Resp: 281680
Ion Ratio Lower Upper
104 100
78 46.9 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 24.714 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW028388.D

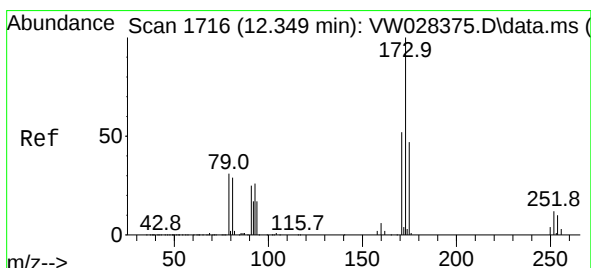
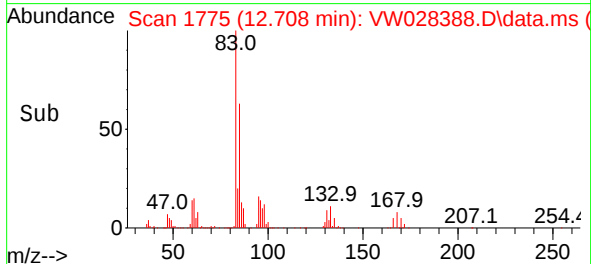
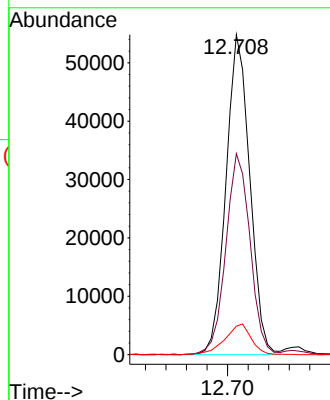
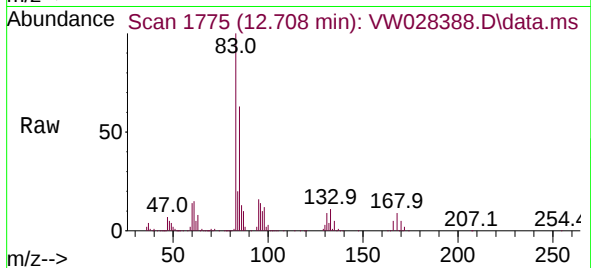
Acq: 10 Apr 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	88219
Ion Ratio	Lower	Upper	
83	100		
85	62.8	43.4	80.6
131	8.9	8.0	12.0



#59

Bromoform

Concen: 21.993 ug/L

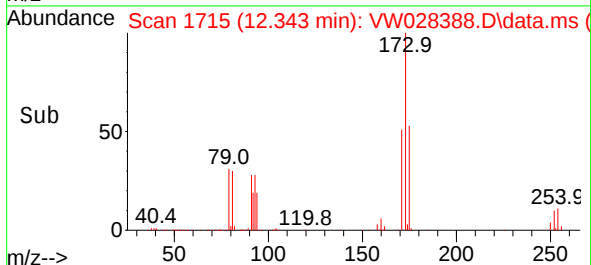
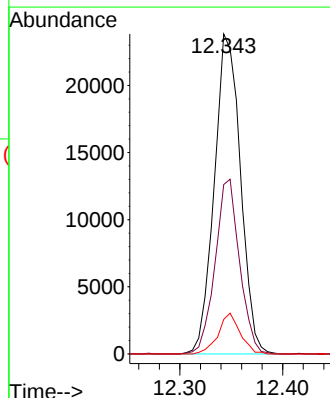
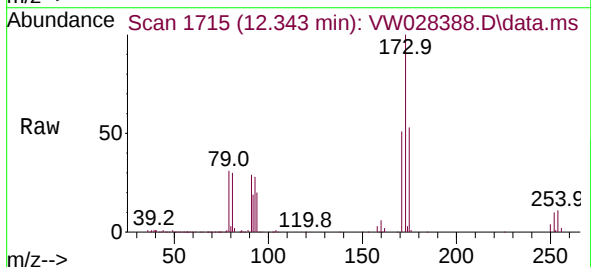
RT: 12.343 min Scan# 1715

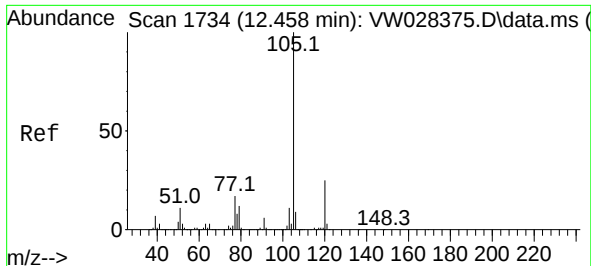
Delta R.T. -0.006 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

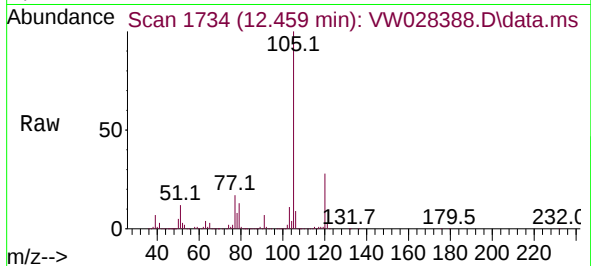
Tgt Ion:	173	Resp:	42137
Ion Ratio	Lower	Upper	
173	100		
175	51.0	39.2	58.8
254	10.7	8.3	12.5



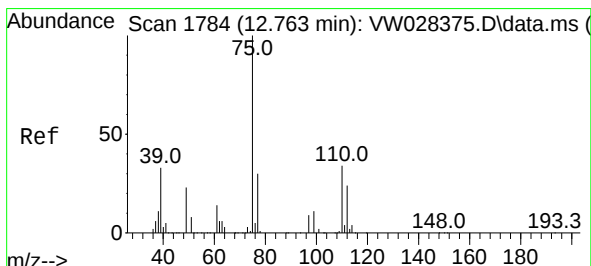
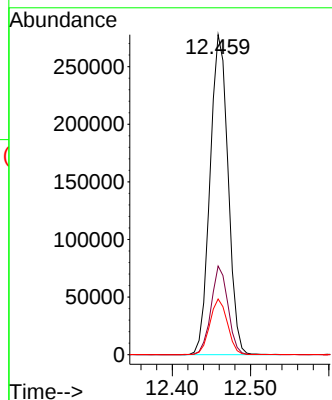
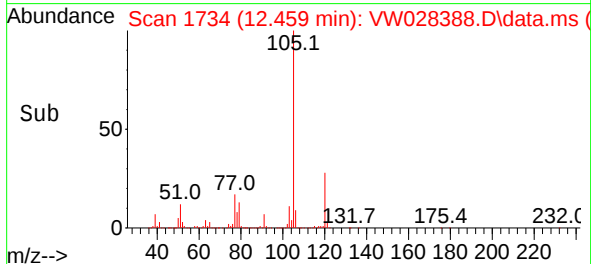


#60
Isopropylbenzene
Concen: 20.395 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028388.D
Acq: 10 Apr 2024 18:17

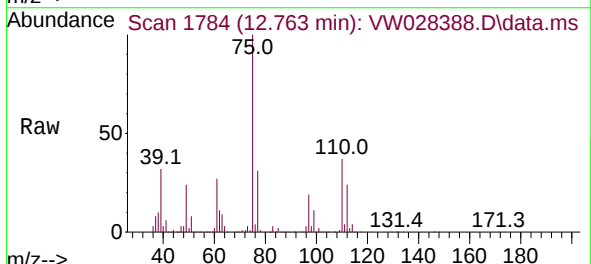
Instrument :
MSVOA_W
ClientSampleId :



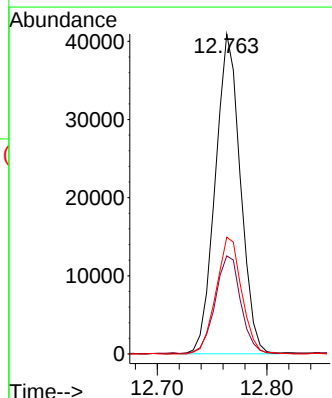
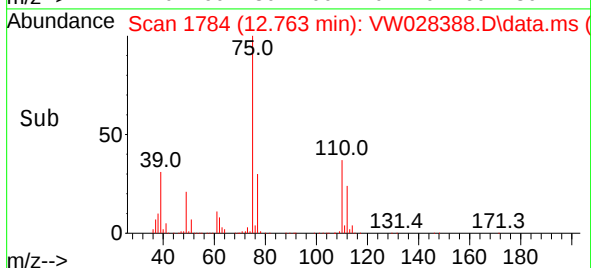
Tgt Ion:105 Resp: 443800
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 16.9 13.4 20.2

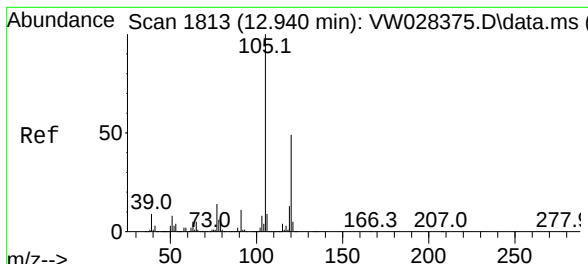


#61
1,2,3-Trichloropropane
Concen: 24.556 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028388.D
Acq: 10 Apr 2024 18:17



Tgt Ion: 75 Resp: 65163
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1
110 37.2 30.6 46.0



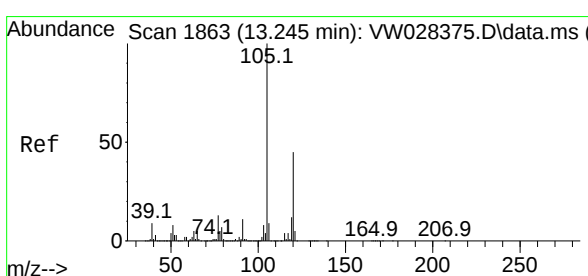
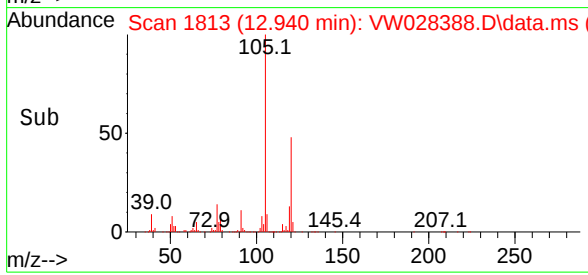
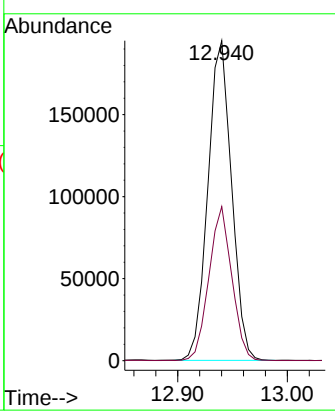
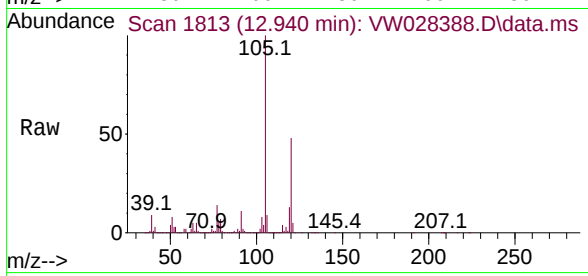


#62
 1,3,5-Trimethylbenzene
 Concen: 21.070 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW028388.D
 Acq: 10 Apr 2024 18:17

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 292222

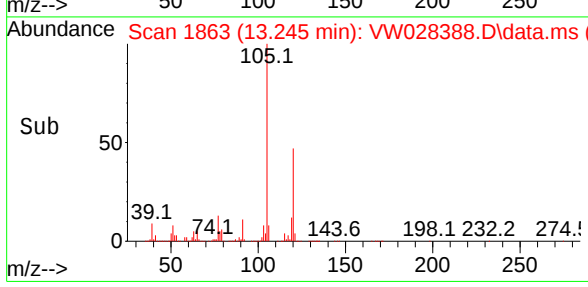
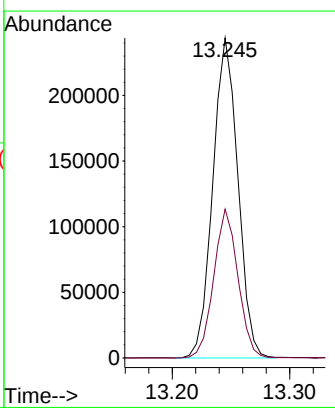
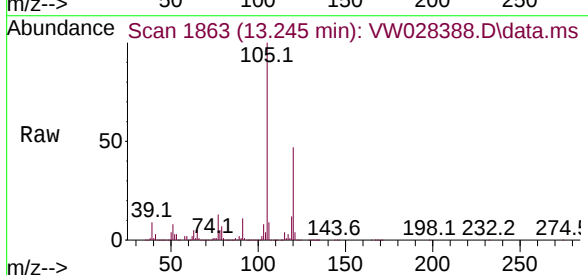
Ion	Ratio	Lower	Upper
105	100		
120	46.7	37.5	56.3

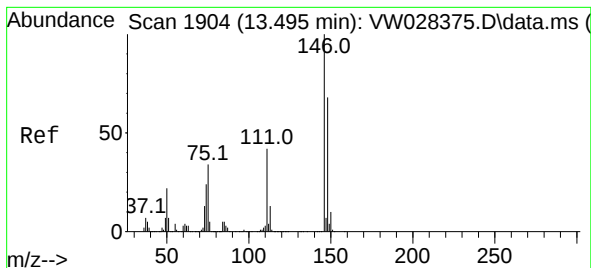


#63
 1,2,4-Trimethylbenzene
 Concen: 21.681 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW028388.D
 Acq: 10 Apr 2024 18:17

Tgt Ion:105 Resp: 361873

Ion	Ratio	Lower	Upper
105	100		
120	44.9	35.4	53.0





#64

1,3-Dichlorobenzene

Concen: 20.620 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :

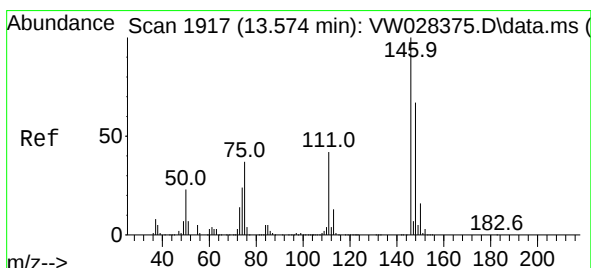
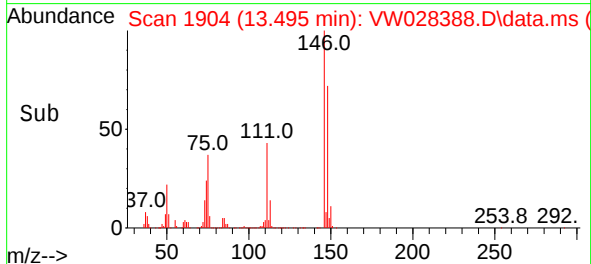
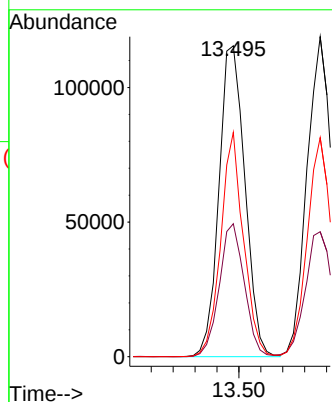
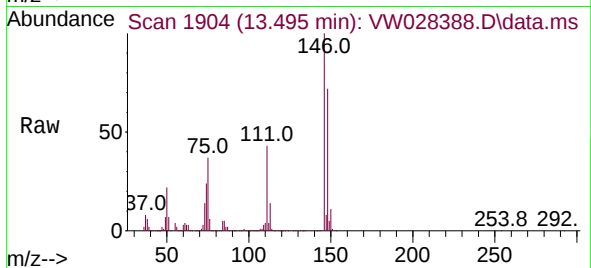
Tgt Ion:146 Resp: 190386

Ion Ratio Lower Upper

146 100

111 42.8 29.8 55.3

148 72.2 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 20.266 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

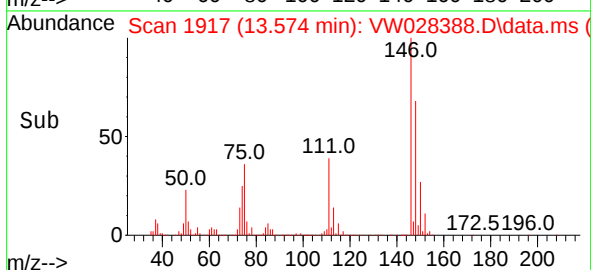
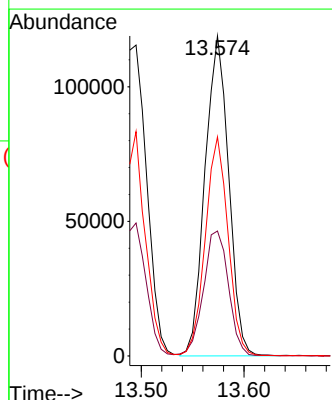
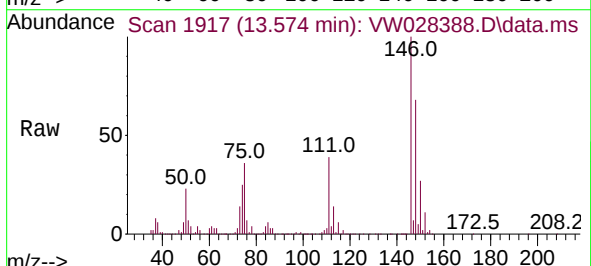
Tgt Ion:146 Resp: 190337

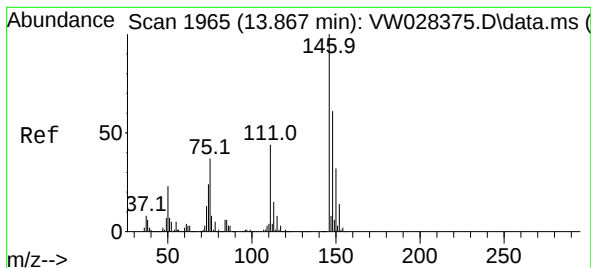
Ion Ratio Lower Upper

146 100

111 39.0 30.3 56.3

148 68.4 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 21.289 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :

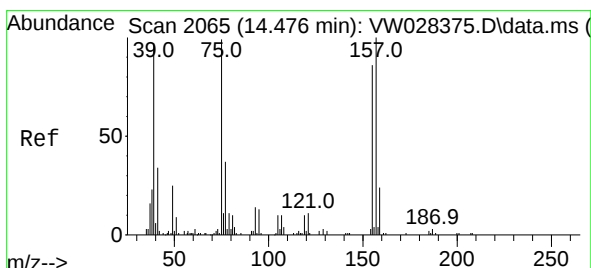
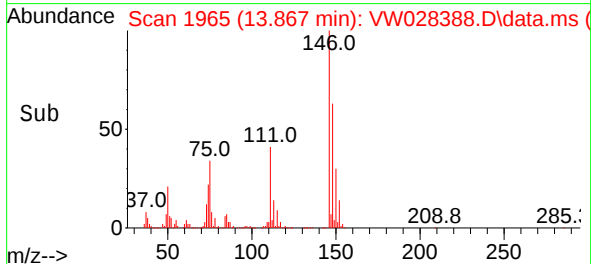
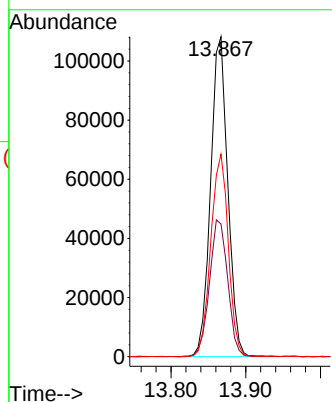
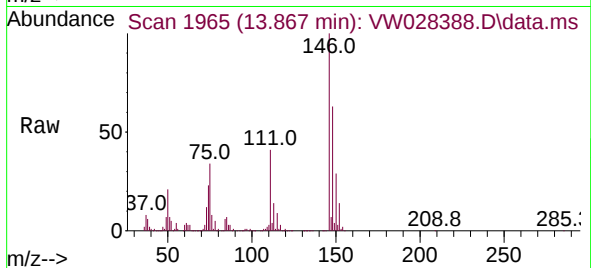
Tgt Ion:146 Resp: 172895

Ion Ratio Lower Upper

146 100

111 41.5 31.4 47.2

148 63.3 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 22.821 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

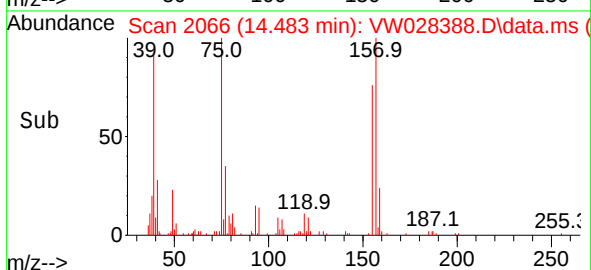
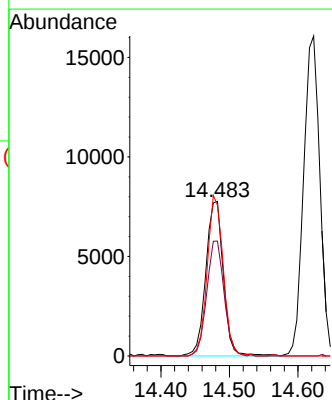
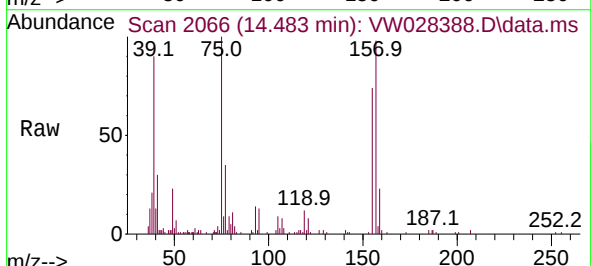
Tgt Ion: 75 Resp: 13877

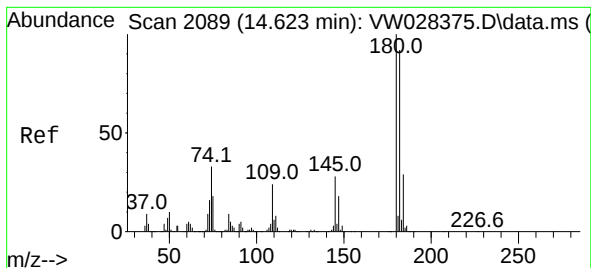
Ion Ratio Lower Upper

75 100

155 74.3 61.2 91.8

157 97.5 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 19.732 ug/L

RT: 14.617 min Scan# 2089

Delta R.T. -0.006 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 125366

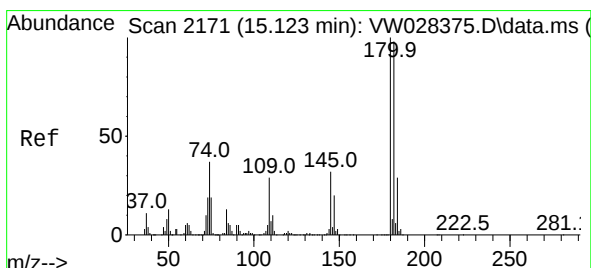
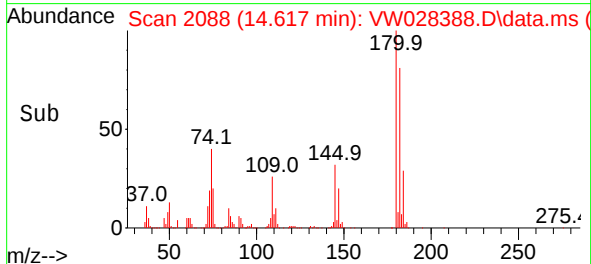
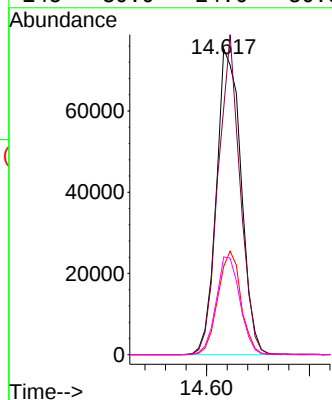
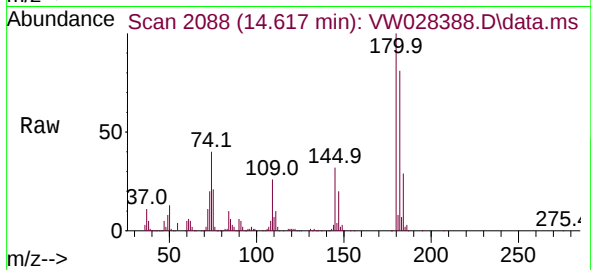
Ion Ratio Lower Upper

180 100

182 92.8 77.4 116.0

184 31.6 24.8 37.2

145 30.9 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 22.069 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

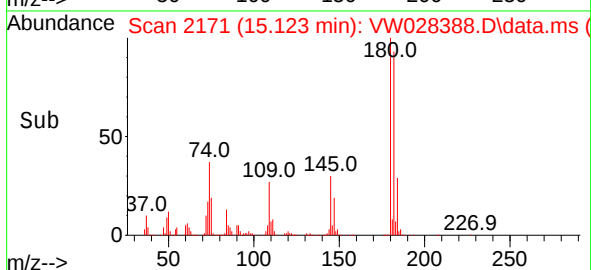
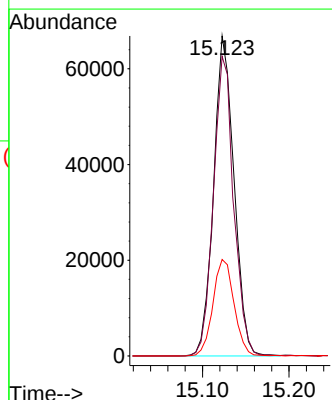
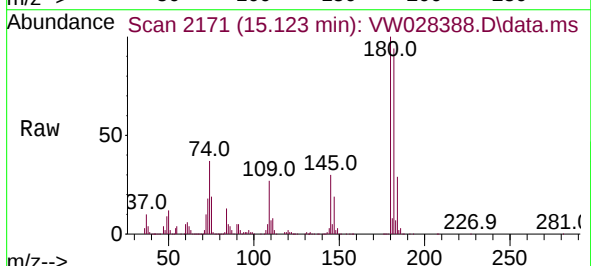
Tgt Ion:180 Resp: 109495

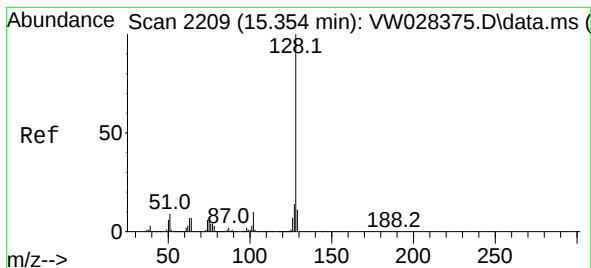
Ion Ratio Lower Upper

180 100

182 92.8 71.5 107.3

145 31.1 23.5 35.3





#71

Naphthalene

Concen: 24.944 ug/L

RT: 15.354 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :

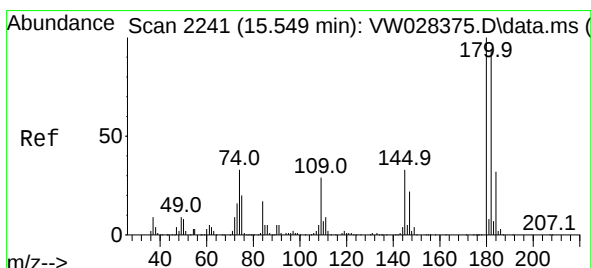
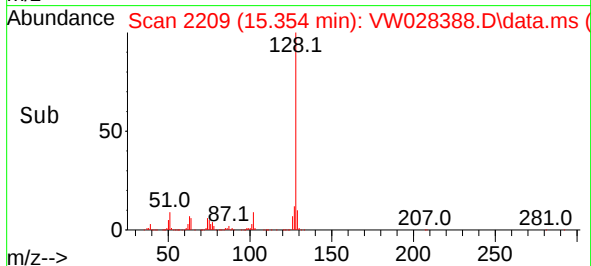
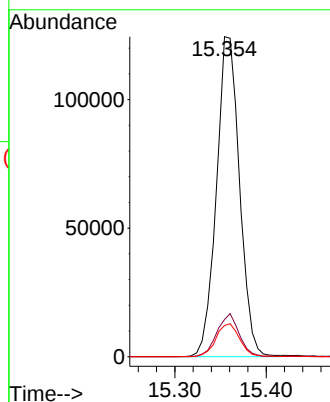
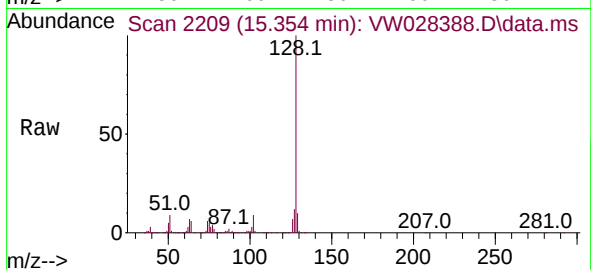
Tgt Ion:128 Resp: 219027

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 20.918 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028388.D

Acq: 10 Apr 2024 18:17

Tgt Ion:180 Resp: 92097

Ion Ratio Lower Upper

180 100

182 98.6 75.7 113.5

145 35.8 26.2 39.4

