

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040824\
 Data File : VW028358.D
 Acq On : 08 Apr 2024 16:12
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 09 01:41:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 09 01:33:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	305780	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	284501	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140636	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	125465	25.594	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.360%
7) Chloroethane-d5	2.899	69	96821	26.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.240%
11) 1,1-Dichloroethene-d2	4.021	65	53189	25.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.480%
21) 2-Butanone-d5	7.075	46	55912	60.951	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.900%
24) Chloroform-d	7.648	84	212268	26.603	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	8.300	65	116500	28.095	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	8.270	84	418818	26.947	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.800%
36) 1,2-Dichloropropane-d6	9.270	67	123669	26.769	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.080%
41) Toluene-d8	10.318	98	384985	27.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.960%
43) trans-1,3-Dichloroprop...	10.574	79	52743	28.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.840%
47) 2-Hexanone-d5	10.922	63	38884	60.763	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96011	29.456	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	120443	27.080	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.320%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	83993	20.423	ug/L	94
3) Chloromethane	2.222	50	113933	23.595	ug/L	99
5) Vinyl chloride	2.375	62	135244	23.519	ug/L	100
6) Bromomethane	2.795	94	82808	23.049	ug/L	94
8) Chloroethane	2.936	64	81247	23.438	ug/L	98
9) Trichlorofluoromethane	3.271	101	105811	23.066	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	101452	23.507	ug/L	95
12) 1,1-Dichloroethene	4.045	96	96944	23.923	ug/L	95
13) Acetone	4.118	43	81219	72.109	ug/L	96
14) Carbon disulfide	4.386	76	319566	23.953	ug/L	99
15) Methyl Acetate	4.667	43	45420	25.062	ug/L	99
16) Methylene chloride	4.917	84	121121	26.177	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	99971	23.420	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	150971	25.143	ug/L	99
19) 1,1-Dichloroethane	6.222	63	194293	23.362	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	107733	23.780	ug/L	95
22) 2-Butanone	7.167	43	81716	59.782	ug/L	98
23) Bromochloromethane	7.520	128	45786	23.463	ug/L	94
25) Chloroform	7.673	83	189924	23.247	ug/L	95

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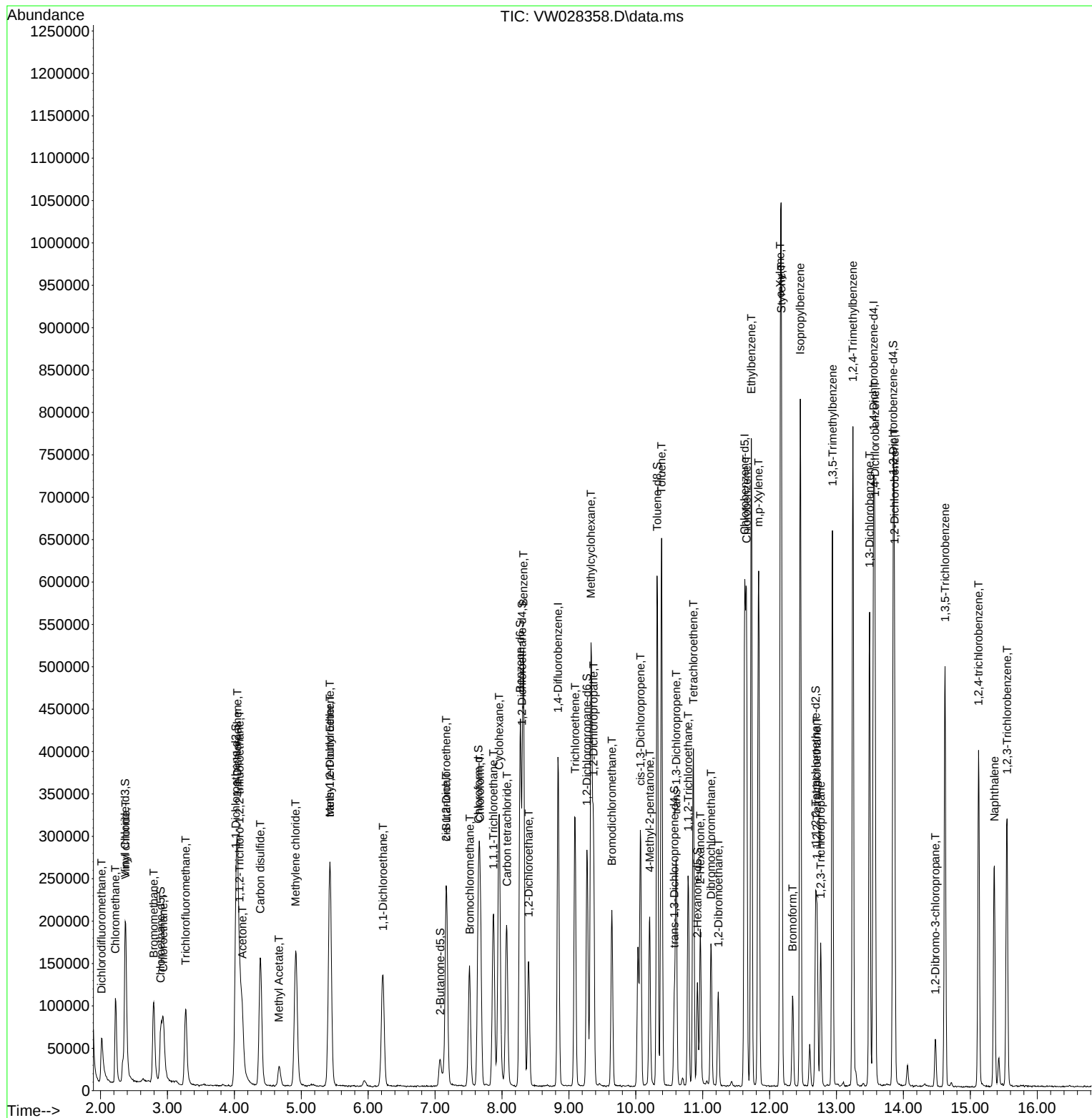
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134430	23.840	ug/L	98
29) Cyclohexane	7.959	56	184269	24.520	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	161737	23.441	ug/L	100
31) Carbon tetrachloride	8.075	117	143012	23.373	ug/L	98
33) Benzene	8.319	78	419872	23.604	ug/L	100
34) Trichloroethene	9.093	95	111014	23.029	ug/L	98
35) Methylcyclohexane	9.331	83	199038	24.196	ug/L	99
37) 1,2-Dichloropropane	9.367	63	108323	23.365	ug/L	100
38) Bromodichloromethane	9.642	83	133801	23.284	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	168177	24.737	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	131938	56.849	ug/L	99
42) Toluene	10.385	91	448630	23.807	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	138870	25.249	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	75210	23.978	ug/L	94
46) Tetrachloroethene	10.861	164	82925	23.030	ug/L	94
48) 2-Hexanone	10.965	43	118875	64.528	ug/L	99
49) Dibromochloromethane	11.123	129	84798	25.294	ug/L	97
50) 1,2-Dibromoethane	11.233	107	71362	24.927	ug/L #	91
51) Chlorobenzene	11.653	112	274508	23.435	ug/L	96
52) Ethylbenzene	11.727	91	510031	23.876	ug/L	99
53) m,p-Xylene	11.836	106	189192	23.816	ug/L	96
54) o-Xylene	12.160	106	175213	23.688	ug/L	95
55) Styrene	12.178	104	304336	24.175	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	90351	25.454	ug/L	97
59) Bromoform	12.342	173	45780	24.661	ug/L	100
60) Isopropylbenzene	12.458	105	499635	23.698	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65485	25.469	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	320458	23.847	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	395420	24.450	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	207518	23.196	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	210147	23.092	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	189576	24.091	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	14273	24.225	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	141309	22.954	ug/L	96
70) 1,2,4-trichlorobenzene	15.122	180	114425	23.802	ug/L	94
71) Naphthalene	15.360	128	216543	25.452	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	101653	23.829	ug/L	99

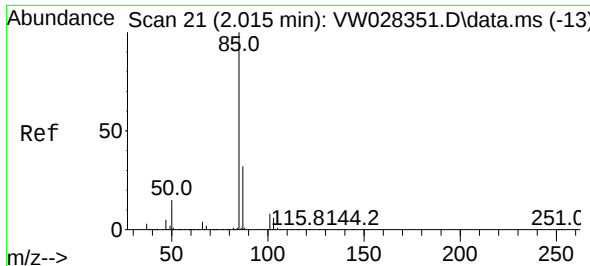
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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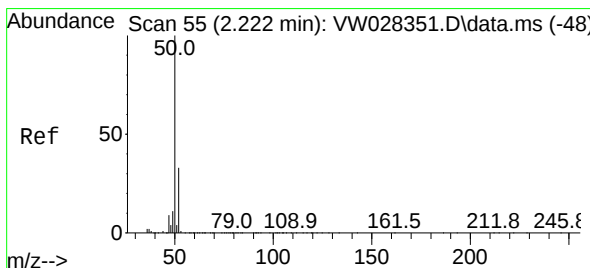
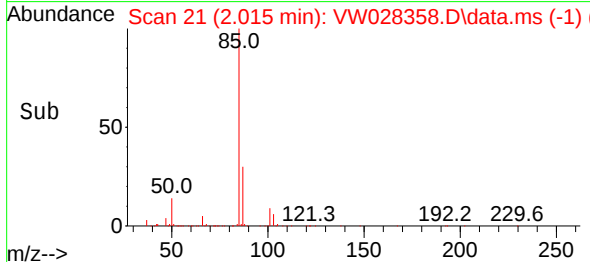
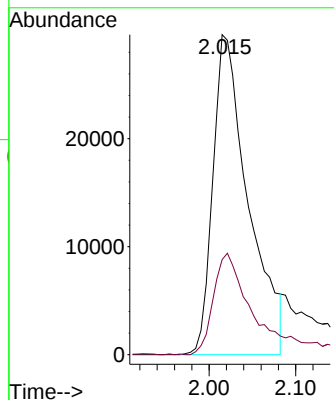
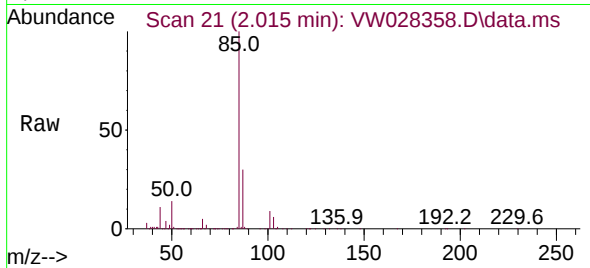




#2
 Dichlorodifluoromethane
 Concen: 20.423 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028358.D
 Acq: 08 Apr 2024 16:12

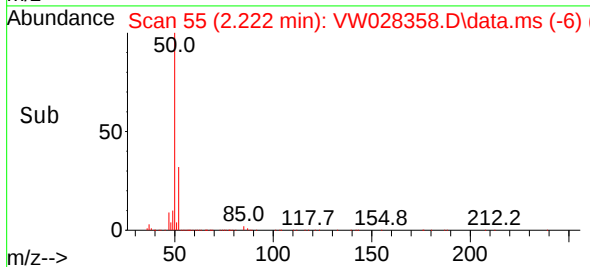
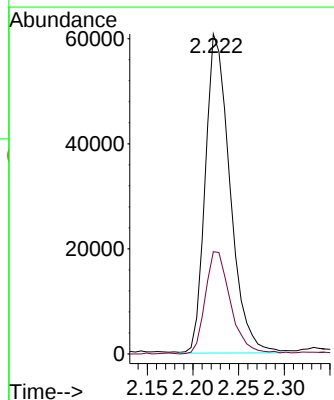
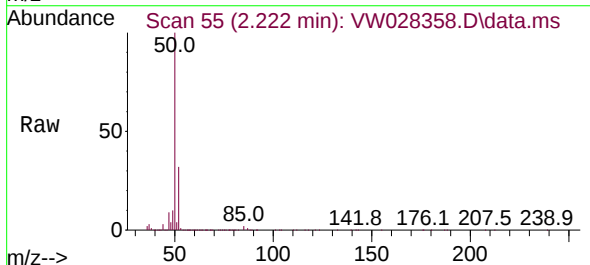
Instrument :
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 ClientSampleId :

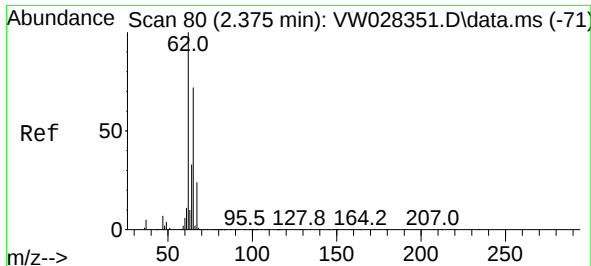
Tgt Ion: 85 Resp: 83993
 Ion Ratio Lower Upper
 85 100
 87 32.5 23.4 35.0



#3
 Chloromethane
 Concen: 23.595 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028358.D
 Acq: 08 Apr 2024 16:12

Tgt Ion: 50 Resp: 113933
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.0 42.6

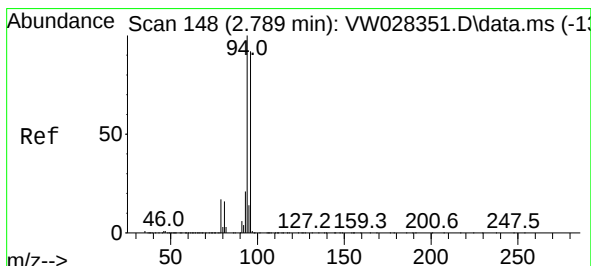
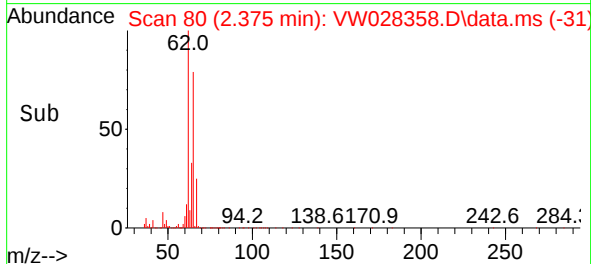
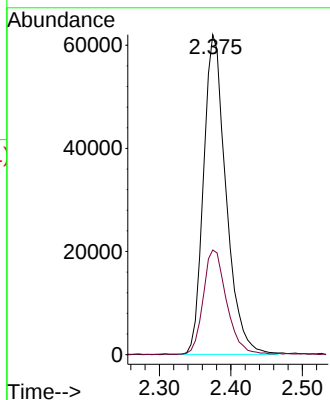
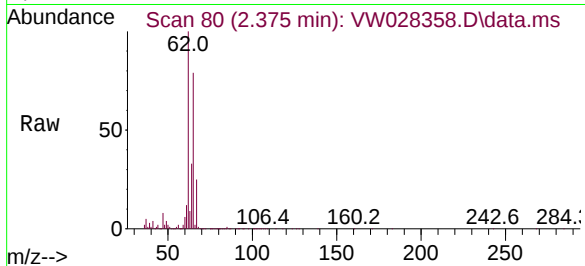




#5
 Vinyl chloride
 Concen: 23.519 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028358.D
 Acq: 08 Apr 2024 16:12

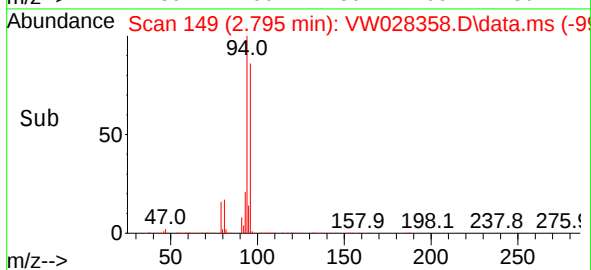
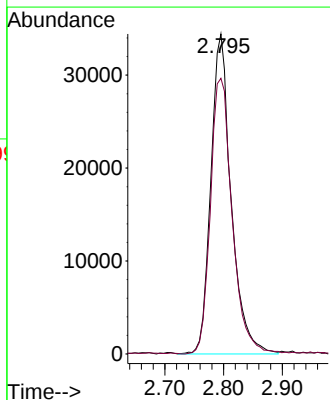
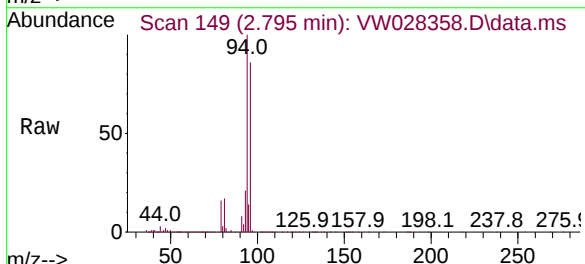
Instrument :
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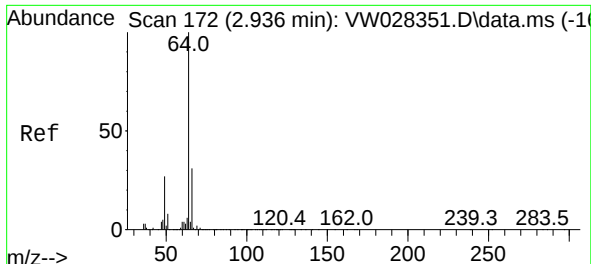
Tgt Ion: 62 Resp: 135244
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.1 42.9



#6
 Bromomethane
 Concen: 23.049 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028358.D
 Acq: 08 Apr 2024 16:12

Tgt Ion: 94 Resp: 82808
 Ion Ratio Lower Upper
 94 100
 96 86.1 64.3 119.5

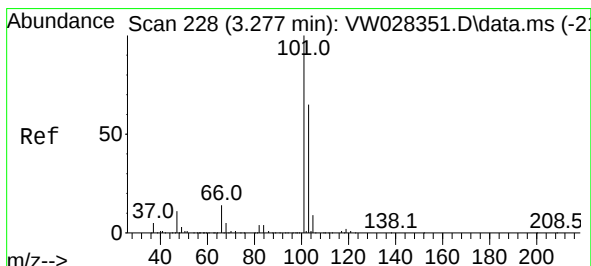
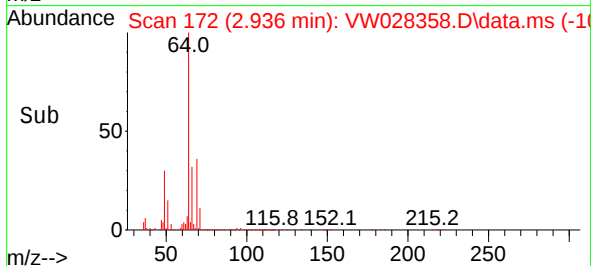
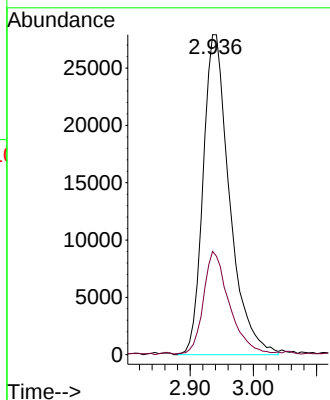
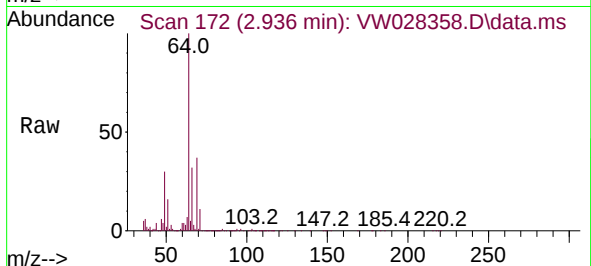




#8
Chloroethane
Concen: 23.438 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

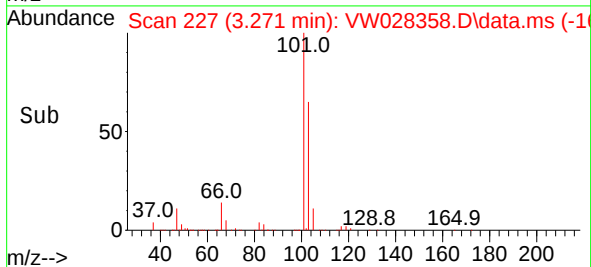
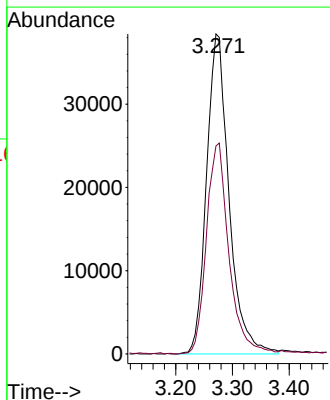
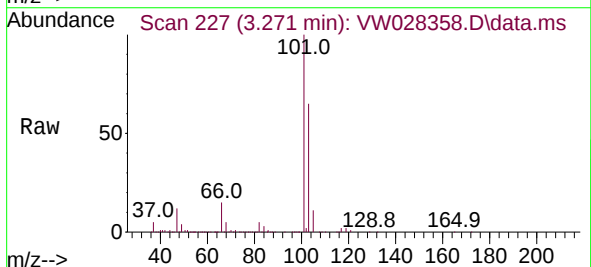
Instrument :
MSVOA_W
ClientSampleId :

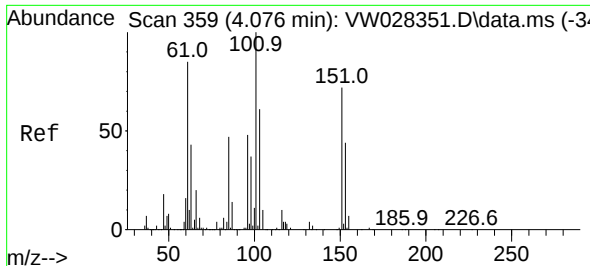
Tgt Ion: 64 Resp: 81247
Ion Ratio Lower Upper
64 100
66 32.3 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.066 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

Tgt Ion:101 Resp: 105811
Ion Ratio Lower Upper
101 100
103 65.8 52.0 78.0





#10

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

Concen: 23.507 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

Instrument :

MSVOA_W

ClientSampleId :

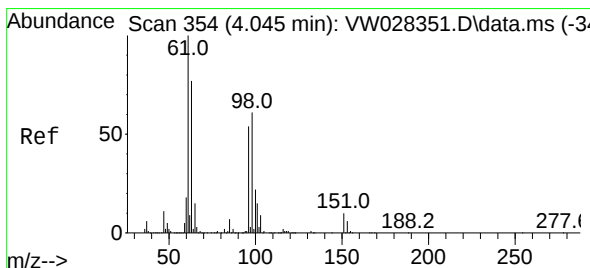
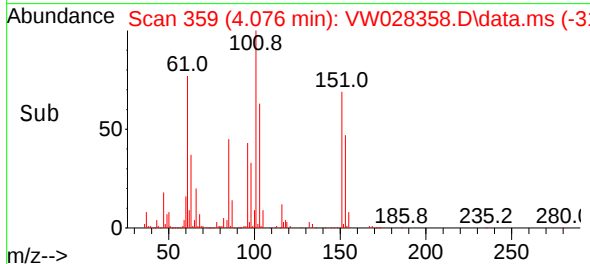
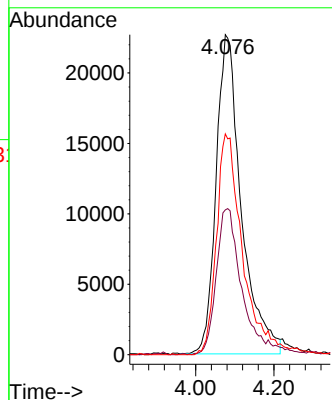
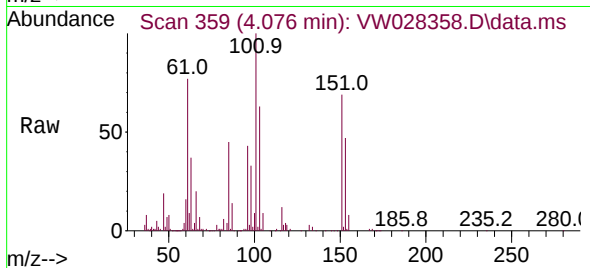
Tgt Ion:101 Resp: 101452

Ion Ratio Lower Upper

101 100

85 44.7 34.5 51.7

151 66.1 57.5 86.3



#12

1,1-Dichloroethene

Concen: 23.923 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

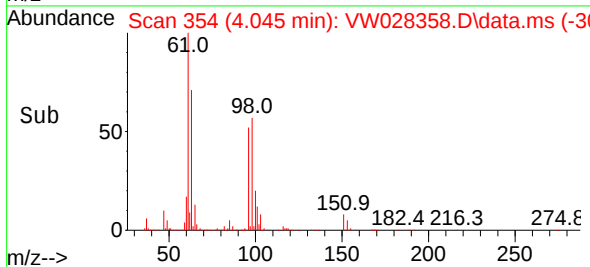
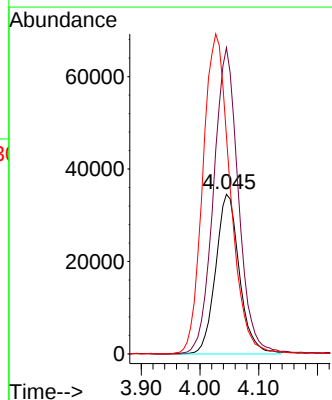
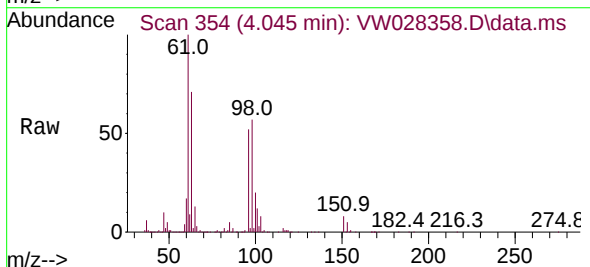
Tgt Ion: 96 Resp: 96944

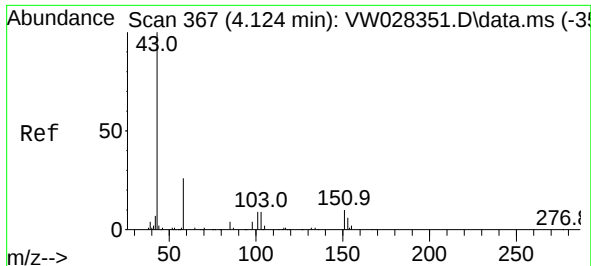
Ion Ratio Lower Upper

96 100

61 191.8 130.5 242.5

63 136.6 101.5 188.5

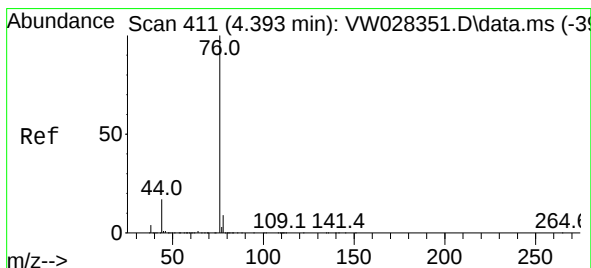
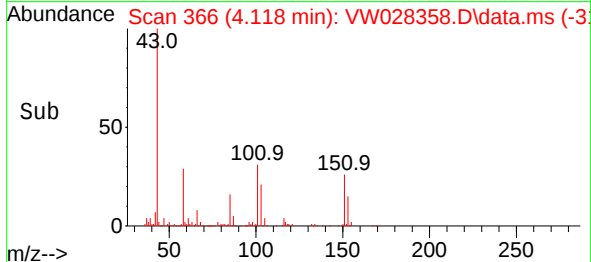
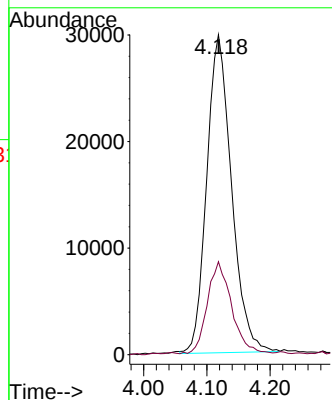
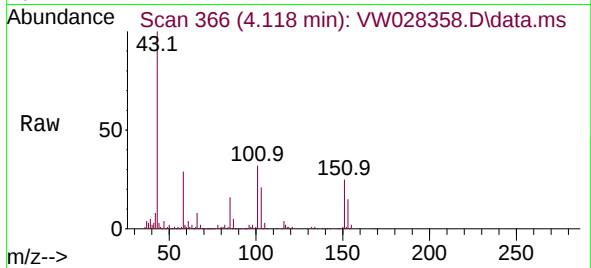




#13
Acetone
Concen: 72.109 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

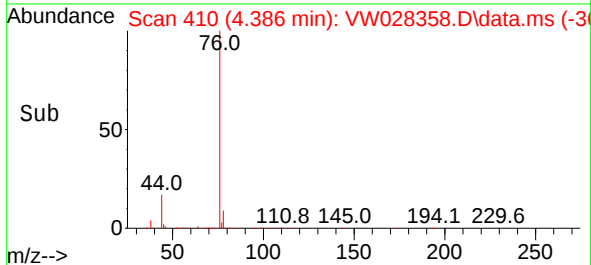
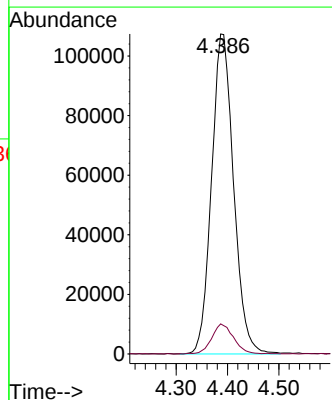
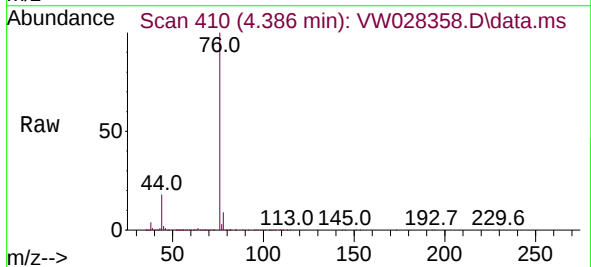
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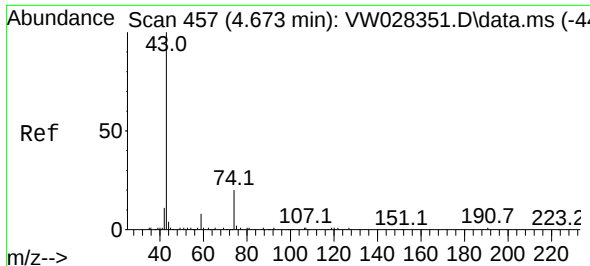
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Ion Ratio Lower Upper
43 100
58 28.8 0.0 53.4



#14
Carbon disulfide
Concen: 23.953 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 319566
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

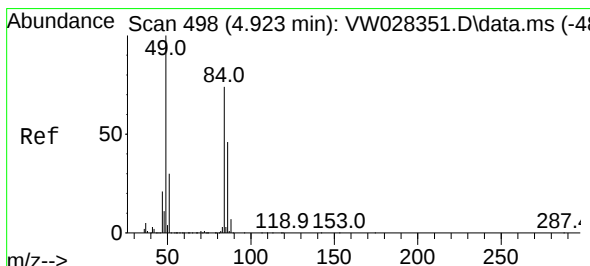
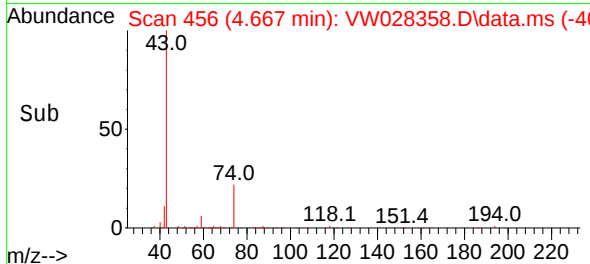
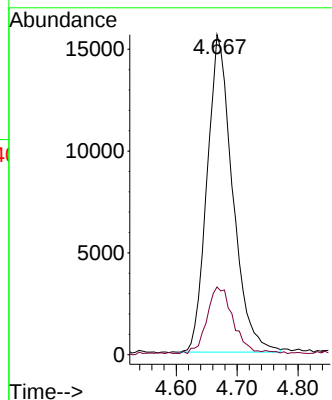
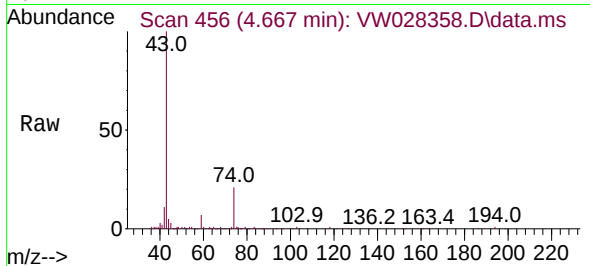




#15
Methyl Acetate
Concen: 25.062 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

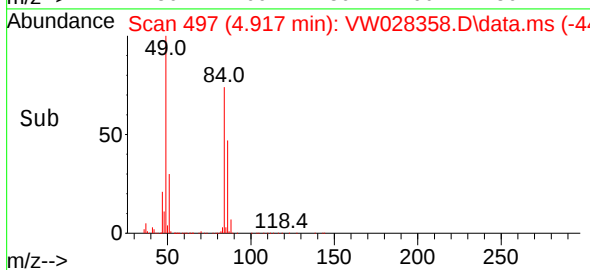
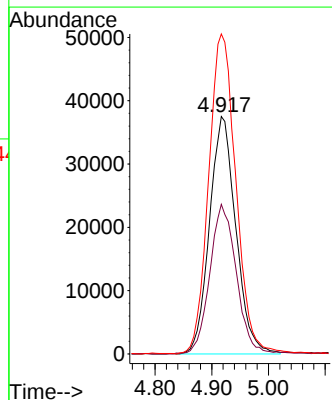
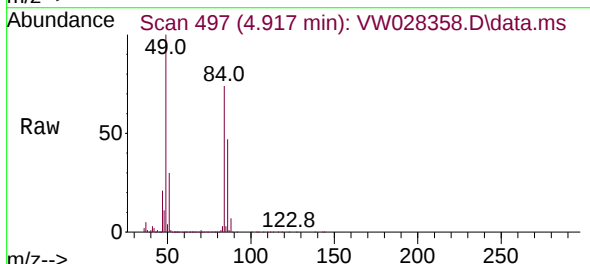
Instrument :
MSVOA_W
ClientSampleId :

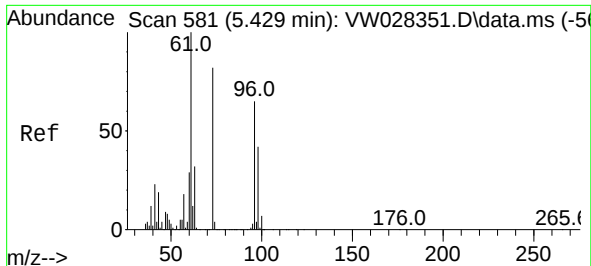
Tgt Ion: 43 Resp: 45420
Ion Ratio Lower Upper
43 100
74 21.2 17.4 26.0



#16
Methylene chloride
Concen: 26.177 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

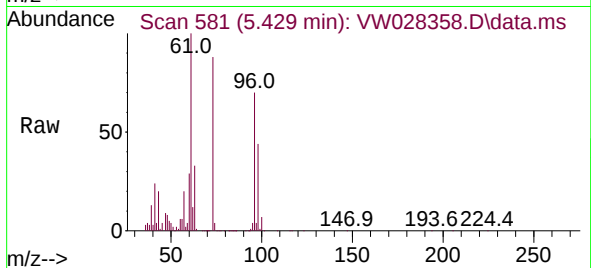
Tgt Ion: 84 Resp: 121121
Ion Ratio Lower Upper
84 100
86 63.0 44.2 82.0
49 134.8 95.0 176.4



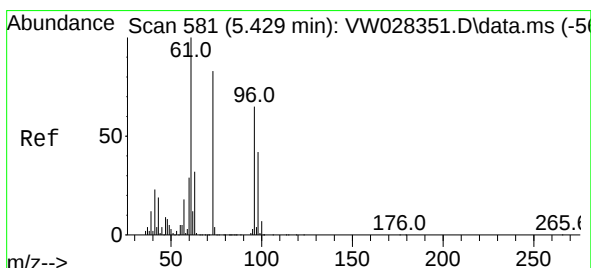
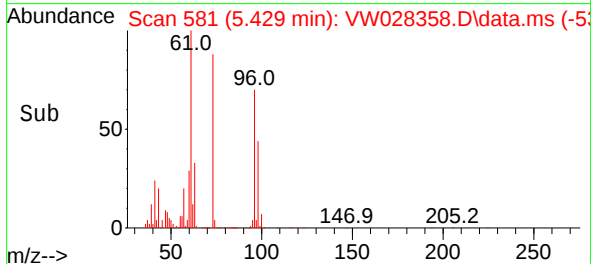
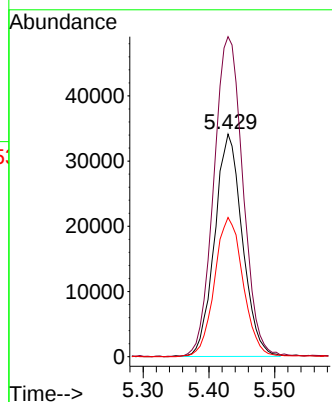


#17
trans-1,2-Dichloroethene
Concen: 23.420 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

Instrument :
MSVOA_W
ClientSampleId :

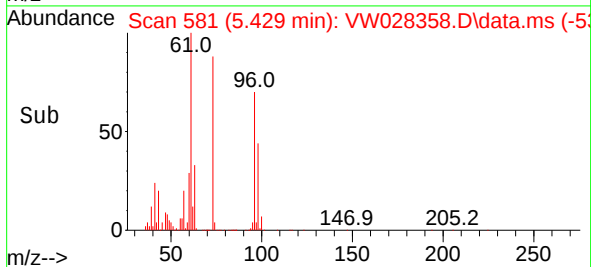
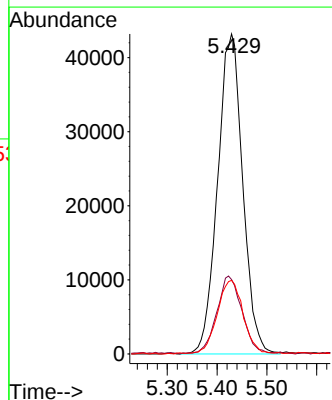
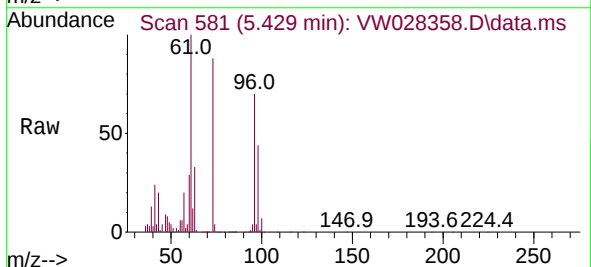


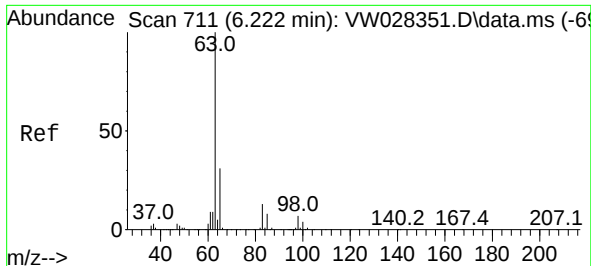
Tgt Ion: 96 Resp: 99971
Ion Ratio Lower Upper
96 100
61 143.8 108.4 201.4
98 62.6 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 25.143 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

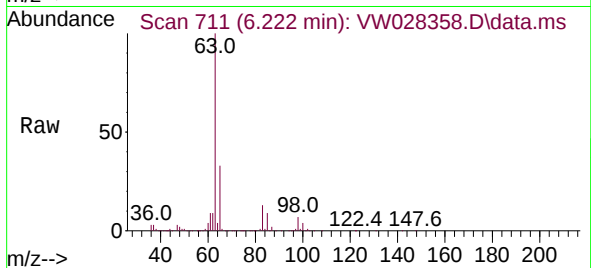
Tgt Ion: 73 Resp: 150971
Ion Ratio Lower Upper
73 100
43 23.6 18.5 27.7
57 23.2 18.2 27.4



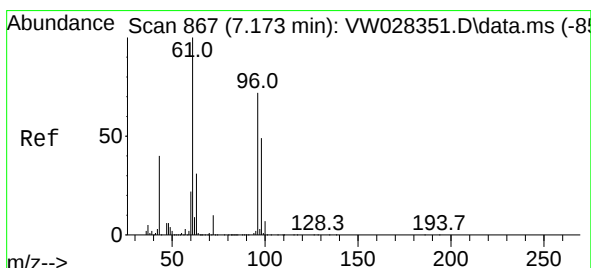
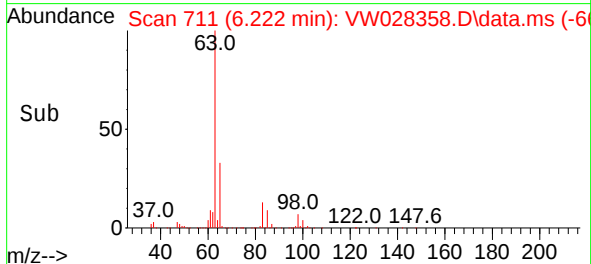
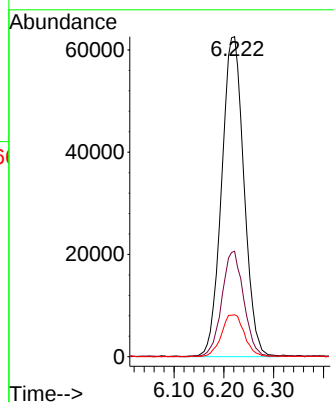


#19
1,1-Dichloroethane
Concen: 23.362 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

Instrument :
MSVOA_W
ClientSampleId :

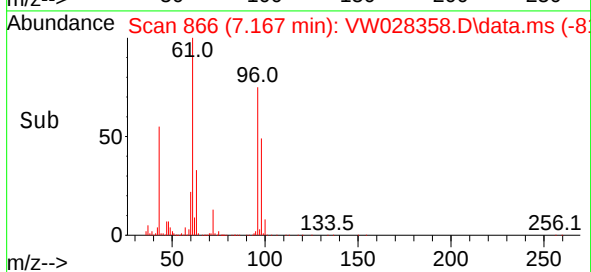
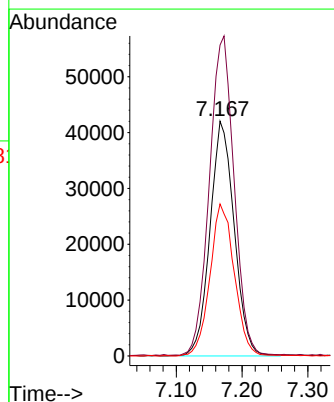
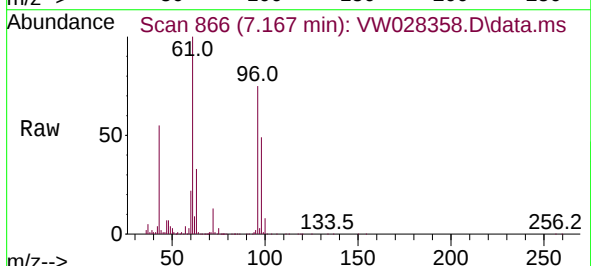


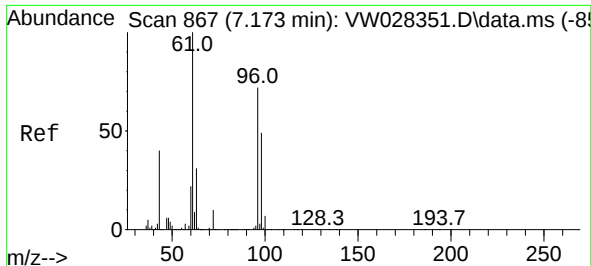
Tgt Ion: 63 Resp: 194293
Ion Ratio Lower Upper
63 100
65 33.0 21.8 40.4
83 13.1 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 23.780 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

Tgt Ion: 96 Resp: 107733
Ion Ratio Lower Upper
96 100
61 132.5 97.6 181.2
98 64.8 47.7 88.5

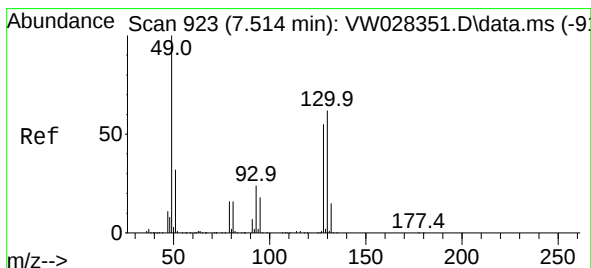
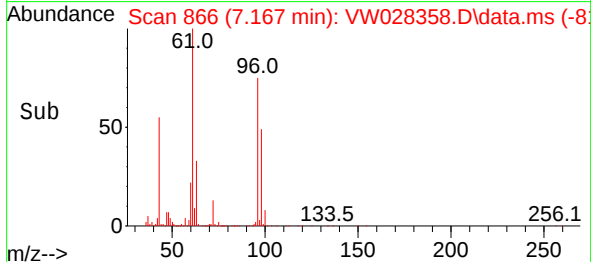
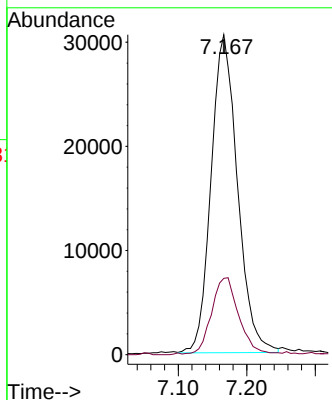
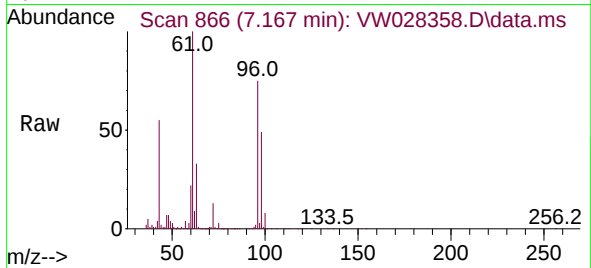




#22
2-Butanone
Concen: 59.782 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

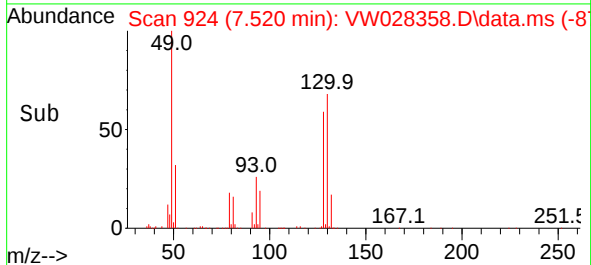
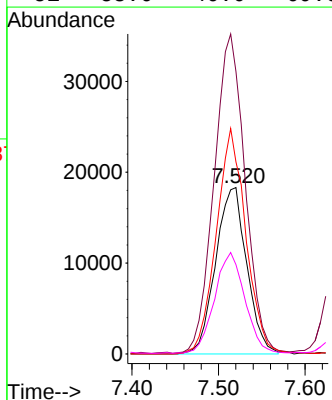
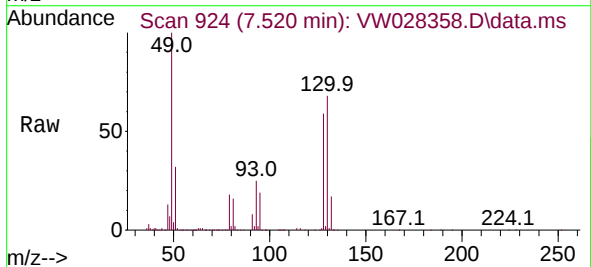
Instrument :
MSVOA_W
ClientSampleId :

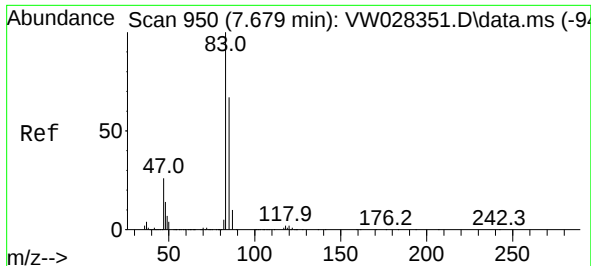
Tgt Ion: 43 Resp: 81716
Ion Ratio Lower Upper
43 100
72 24.5 12.8 38.4



#23
Bromochloromethane
Concen: 23.463 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

Tgt Ion: 128 Resp: 45786
Ion Ratio Lower Upper
128 100
49 169.8 127.1 236.0
130 115.4 78.3 145.5
51 53.6 46.0 69.0





#25

Chloroform

Concen: 23.247 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

Instrument :

MSVOA_W

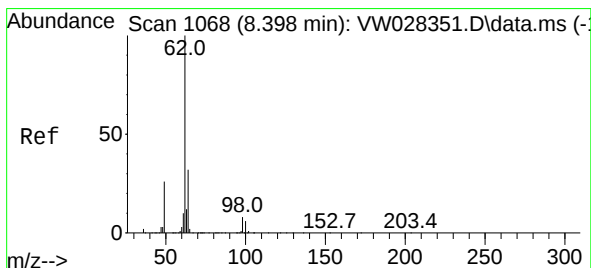
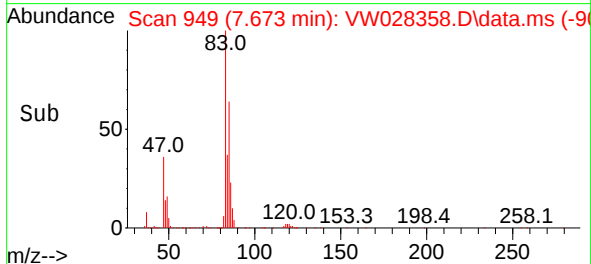
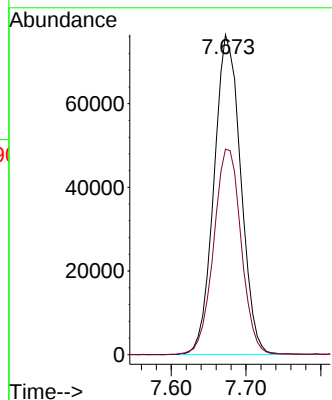
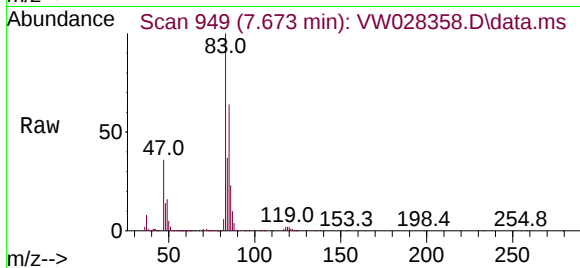
ClientSampleId :

Tgt Ion: 83 Resp: 189924

Ion Ratio Lower Upper

83 100

85 64.2 47.7 88.7



#27

1,2-Dichloroethane

Concen: 23.840 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028358.D

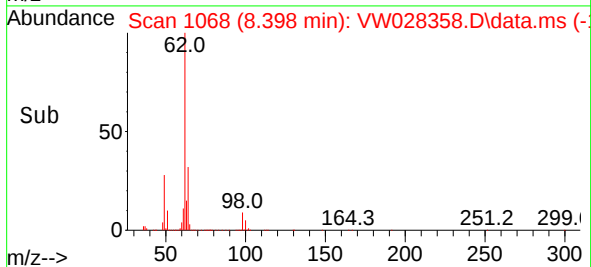
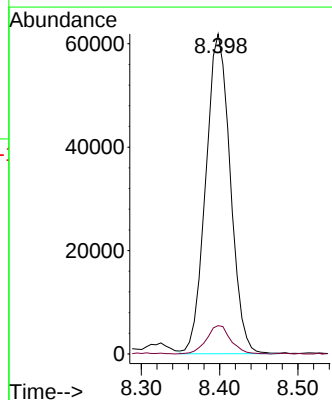
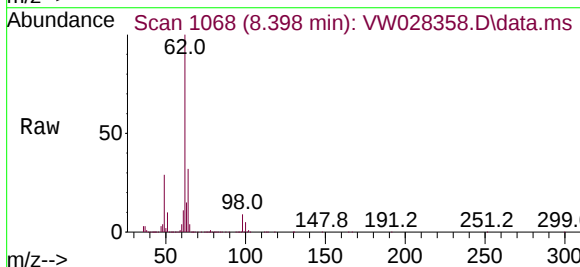
Acq: 08 Apr 2024 16:12

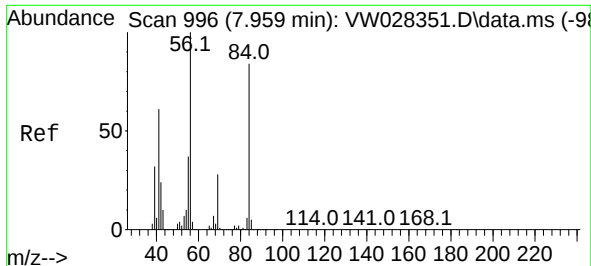
Tgt Ion: 62 Resp: 134430

Ion Ratio Lower Upper

62 100

98 8.8 6.6 10.0





#29

Cyclohexane

Concen: 24.520 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

Instrument :

MSVOA_W

ClientSampleId :

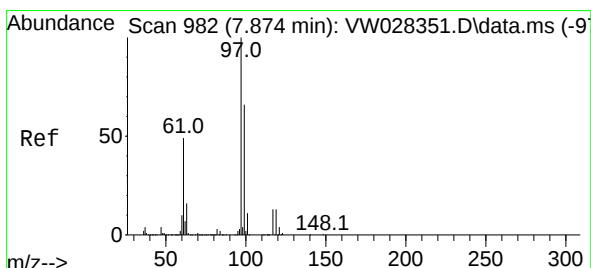
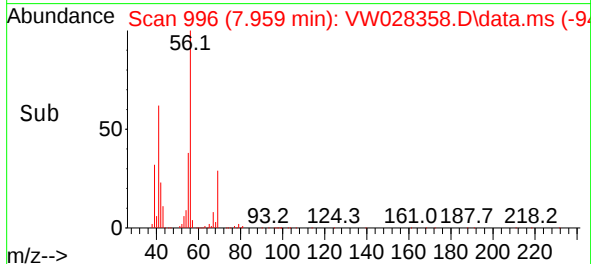
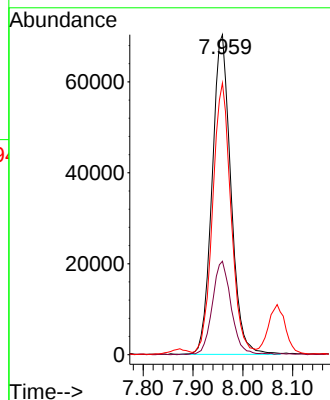
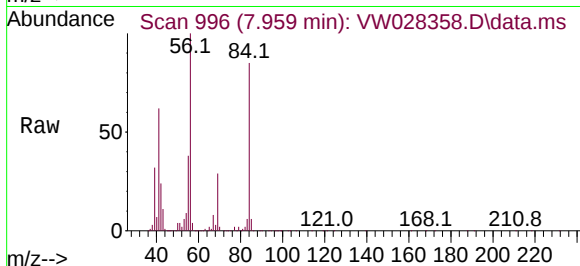
Tgt Ion: 56 Resp: 184269

Ion Ratio Lower Upper

56 100

69 28.9 23.8 35.6

84 83.2 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 23.441 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

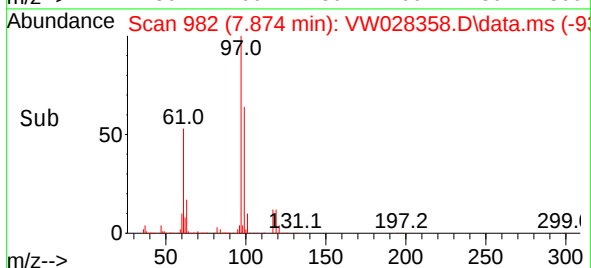
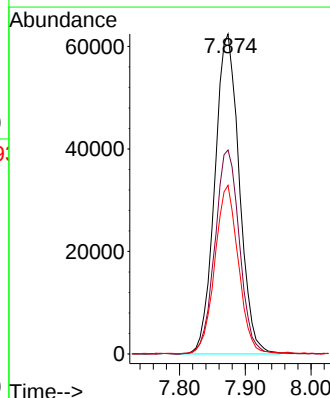
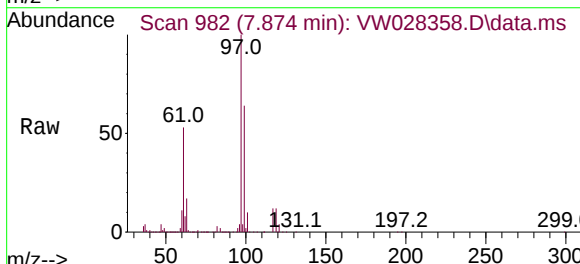
Tgt Ion: 97 Resp: 161737

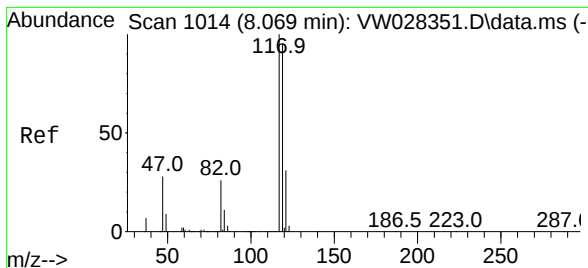
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.2

61 50.8 40.5 60.7





#31

Carbon tetrachloride

Concen: 23.373 ug/L

RT: 8.075 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

Instrument :

MSVOA_W

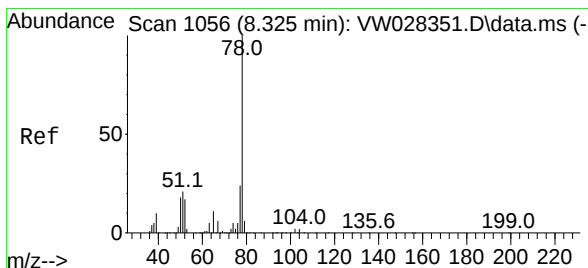
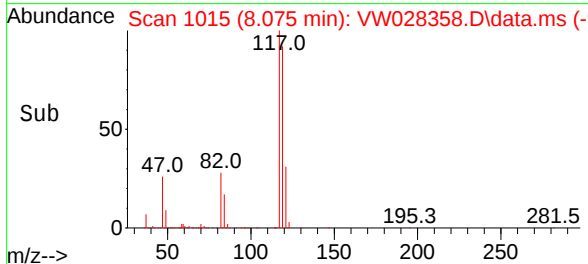
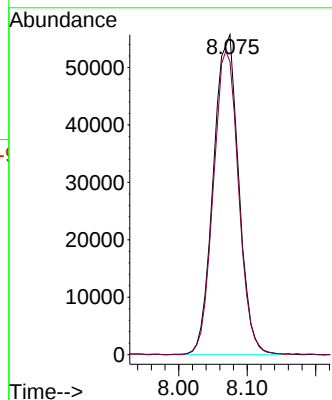
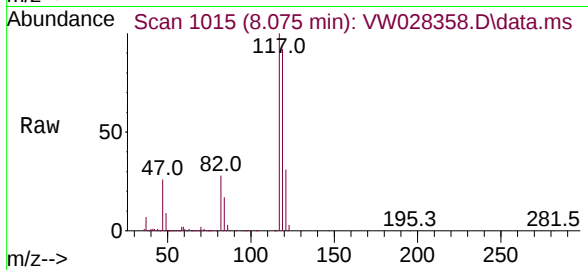
ClientSampleId :

Tgt Ion:117 Resp: 143012

Ion Ratio Lower Upper

117 100

119 94.4 77.4 116.2



#33

Benzene

Concen: 23.604 ug/L

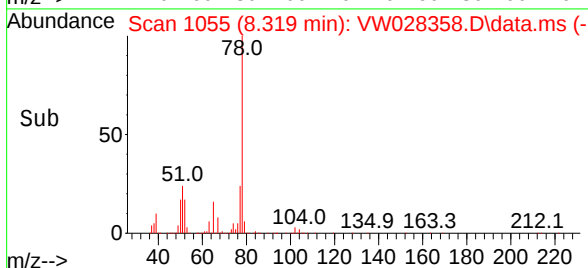
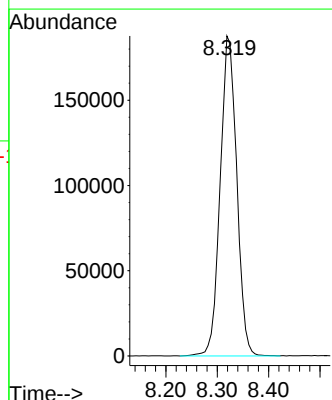
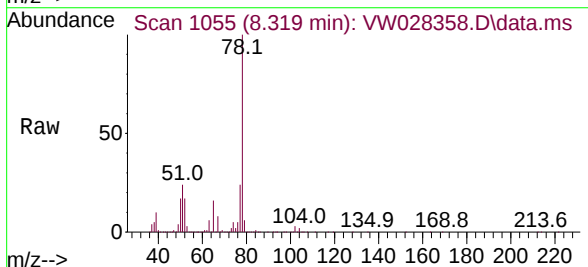
RT: 8.319 min Scan# 1055

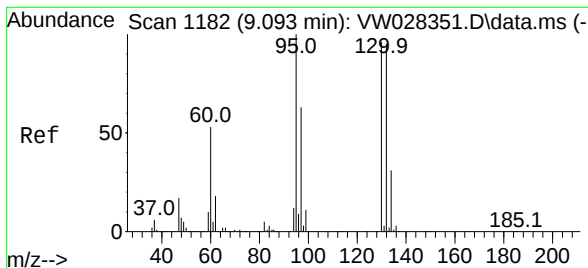
Delta R.T. -0.006 min

Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

Tgt Ion: 78 Resp: 419872





#34

Trichloroethene

Concen: 23.029 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

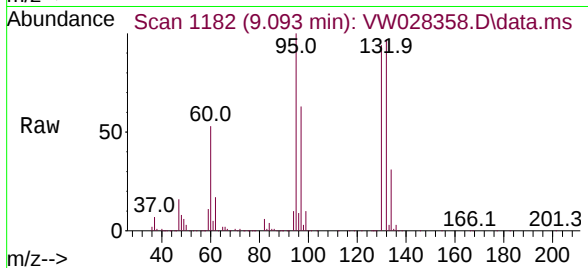
Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 111014

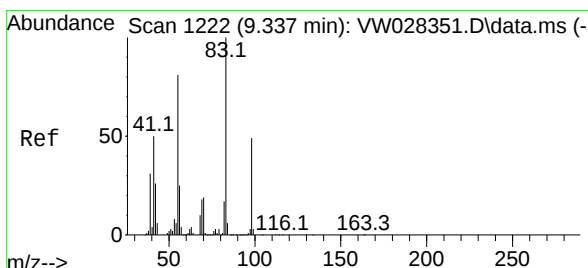
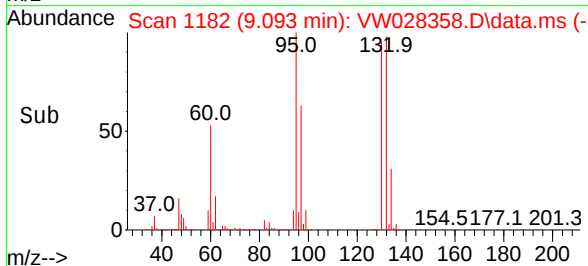
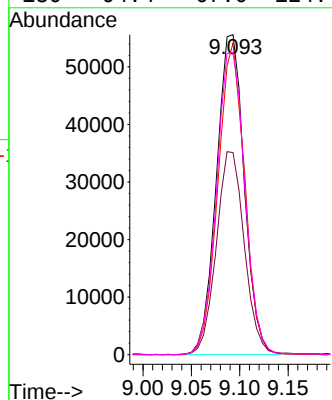
Ion Ratio Lower Upper

95 100

97 63.2 43.8 81.4

132 97.4 66.1 122.8

130 94.4 67.0 124.4



#35

Methylcyclohexane

Concen: 24.196 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

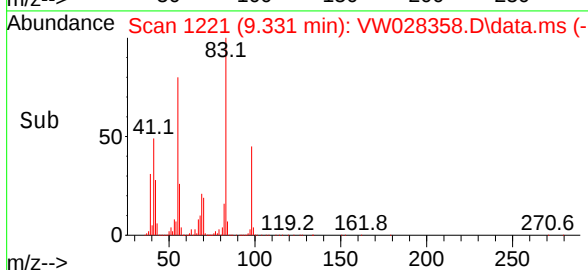
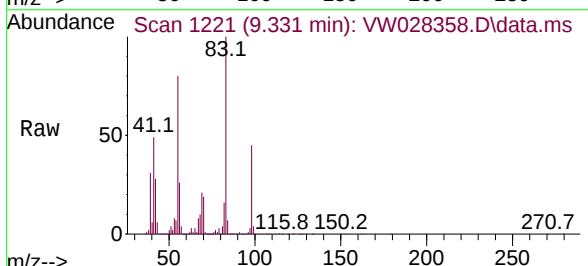
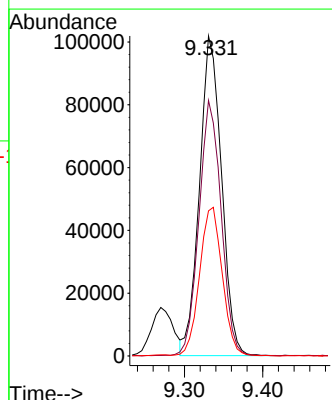
Tgt Ion: 83 Resp: 199038

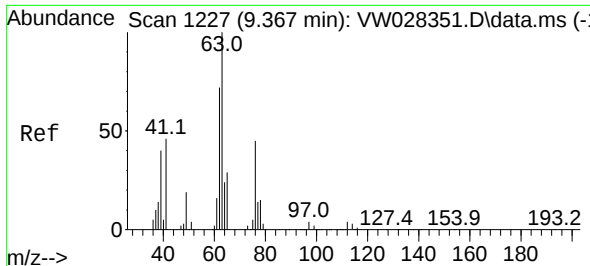
Ion Ratio Lower Upper

83 100

55 80.8 65.7 98.5

98 48.1 38.6 58.0

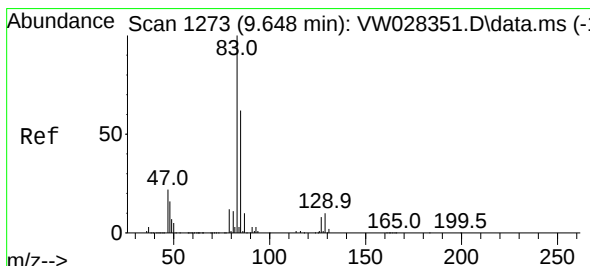
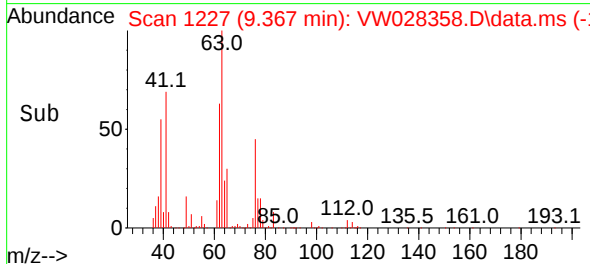
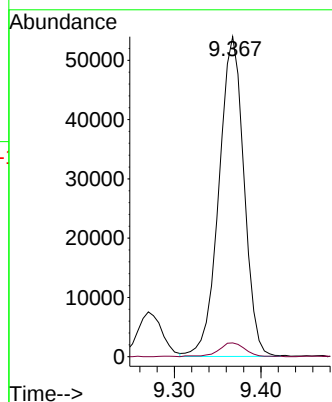
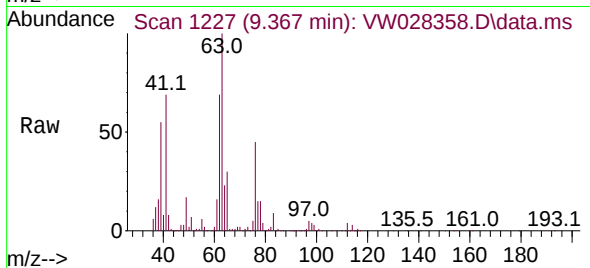




#37
1,2-Dichloropropane
Concen: 23.365 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

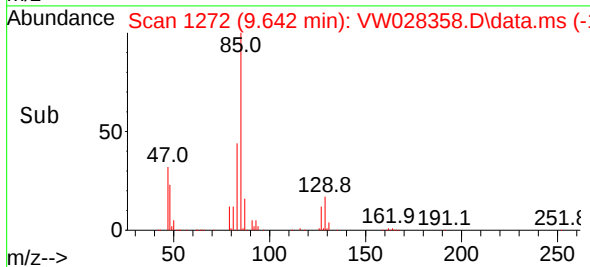
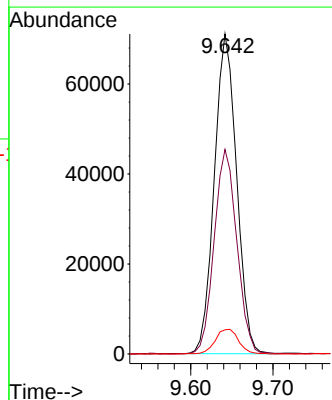
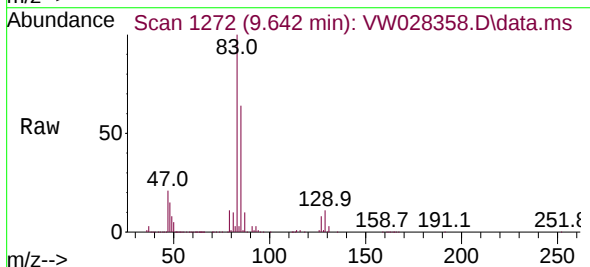
Instrument :
MSVOA_W
ClientSampleId :

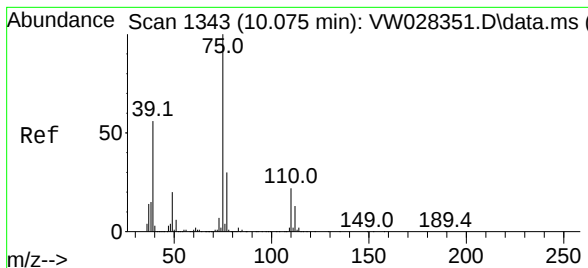
Tgt Ion: 63 Resp: 108323
Ion Ratio Lower Upper
63 100
112 4.4 3.6 5.4



#38
Bromodichloromethane
Concen: 23.284 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.006 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

Tgt Ion: 83 Resp: 133801
Ion Ratio Lower Upper
83 100
85 63.9 43.1 80.1
127 7.5 6.4 9.6

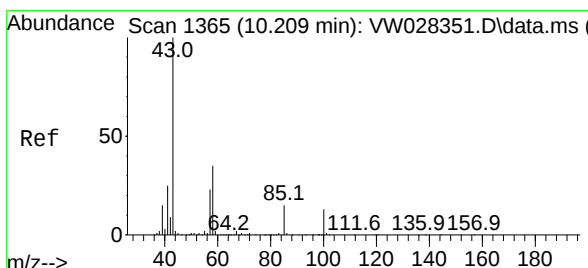
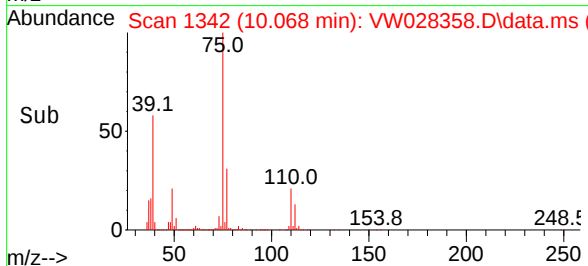
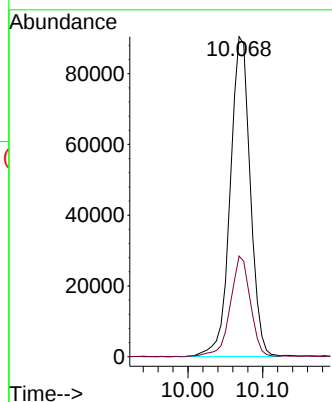
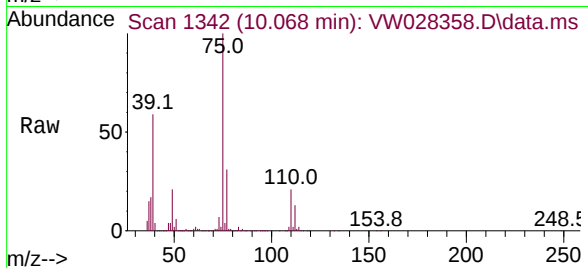




#39
 cis-1,3-Dichloropropene
 Concen: 24.737 ug/L
 RT: 10.068 min Scan# 1342
 Delta R.T. -0.006 min
 Lab File: VW028358.D
 Acq: 08 Apr 2024 16:12

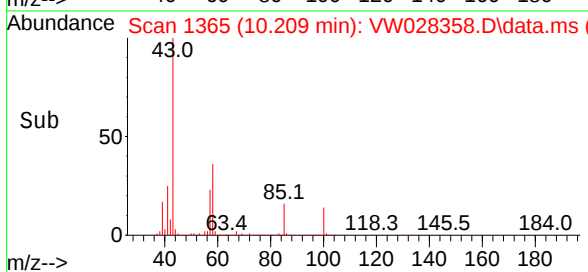
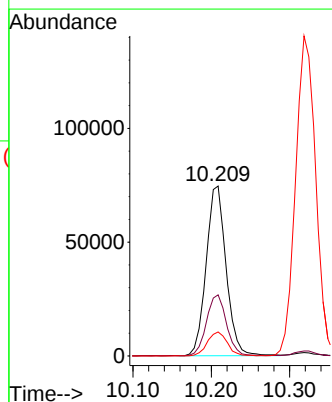
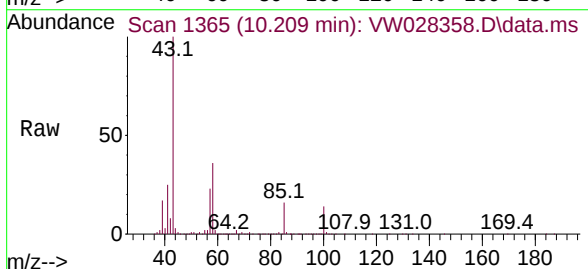
Instrument :
 MSVOA_W
 ClientSampleId :

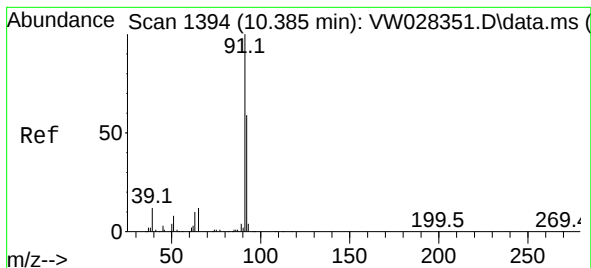
Tgt Ion: 75 Resp: 168177
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 56.849 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW028358.D
 Acq: 08 Apr 2024 16:12

Tgt Ion: 43 Resp: 131938
 Ion Ratio Lower Upper
 43 100
 58 36.3 28.6 43.0
 100 14.1 10.6 16.0





#42

Toluene

Concen: 23.807 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

Instrument :

MSVOA_W

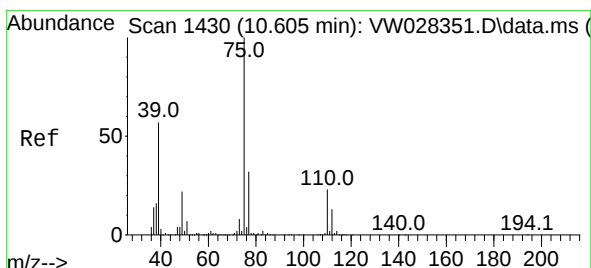
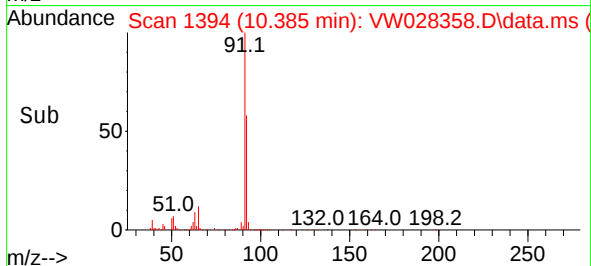
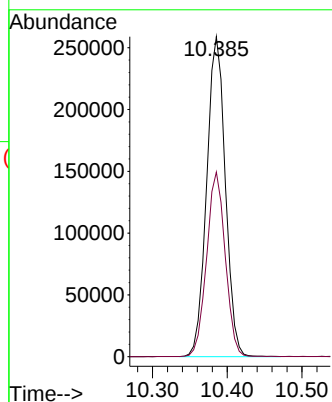
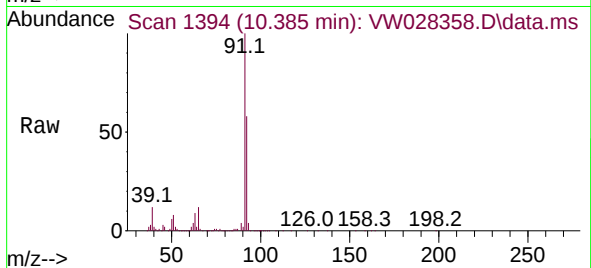
ClientSampleId :

Tgt Ion: 91 Resp: 448630

Ion Ratio Lower Upper

91 100

92 57.7 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 25.249 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028358.D

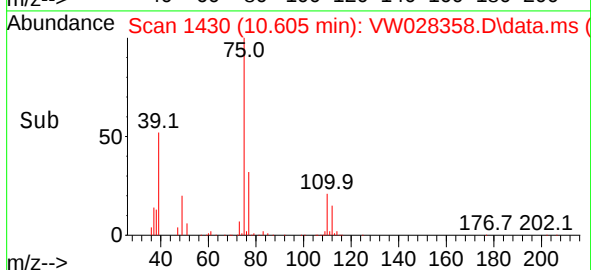
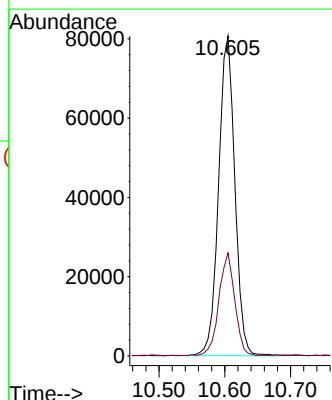
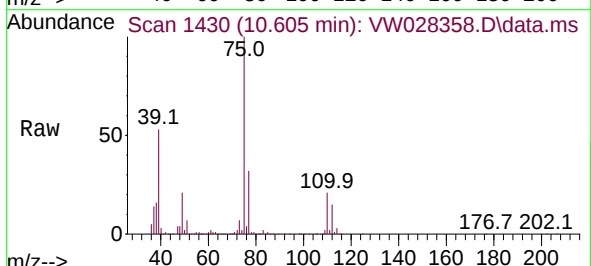
Acq: 08 Apr 2024 16:12

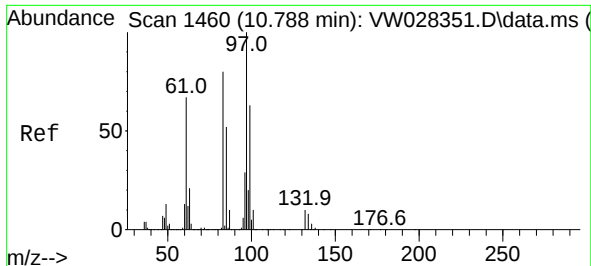
Tgt Ion: 75 Resp: 138870

Ion Ratio Lower Upper

75 100

77 32.2 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 23.978 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

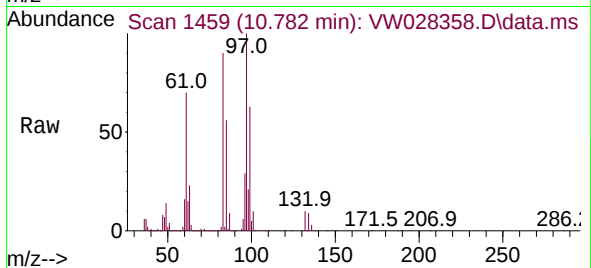
Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 75210

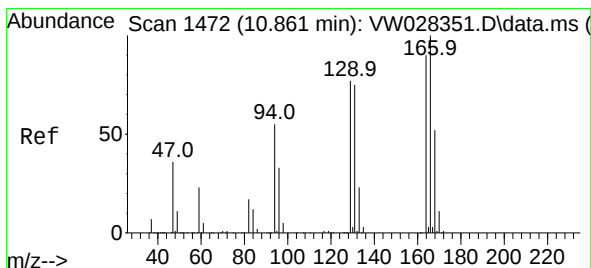
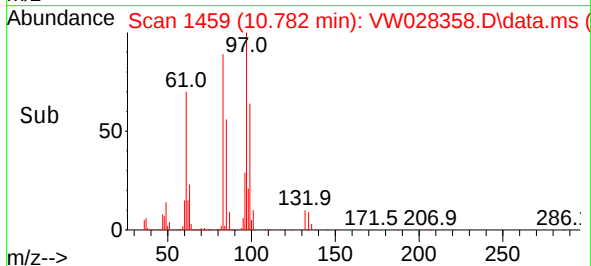
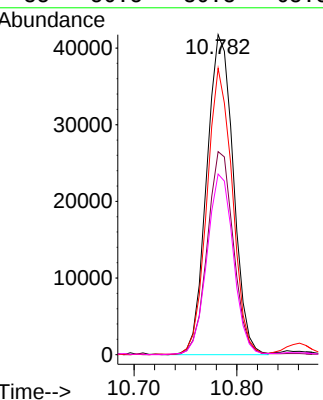
Ion Ratio Lower Upper

97 100

99 63.4 44.2 82.2

83 89.5 56.4 104.7

85 56.5 36.8 68.3



#46

Tetrachloroethene

Concen: 23.030 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

Tgt Ion:164 Resp: 82925

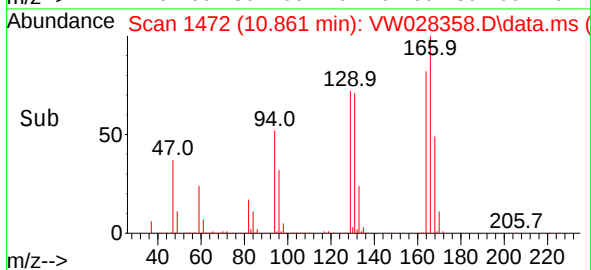
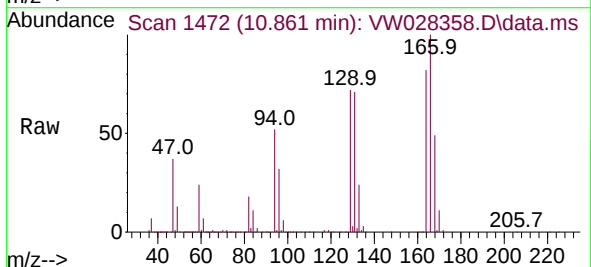
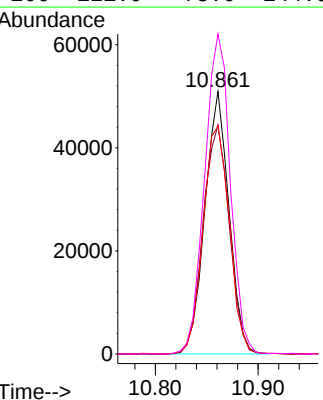
Ion Ratio Lower Upper

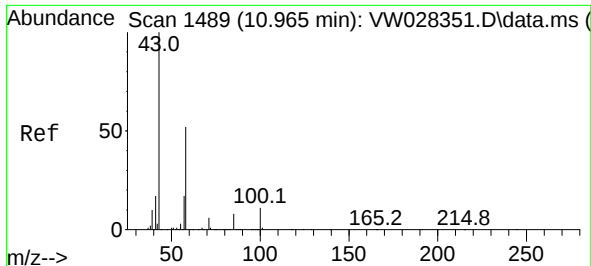
164 100

129 87.3 59.7 110.9

131 86.8 58.2 108.2

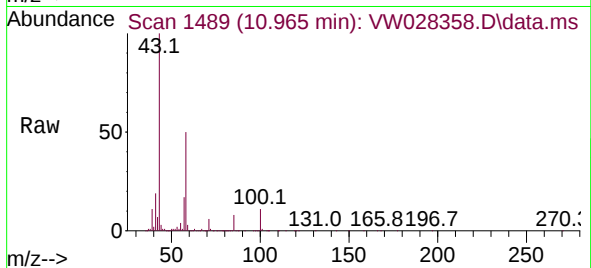
166 121.9 78.0 144.8





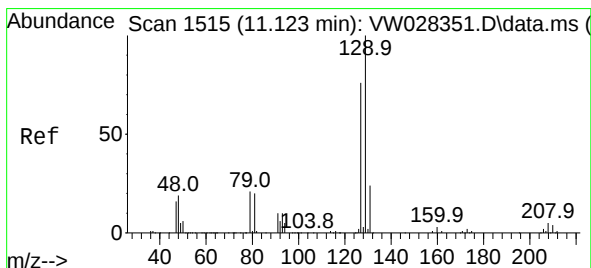
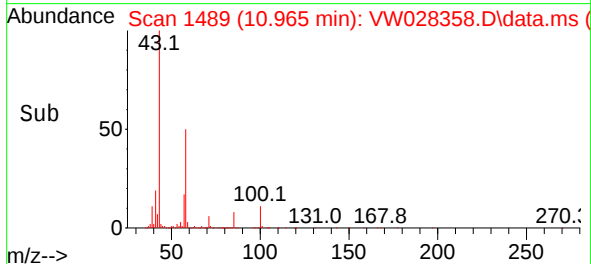
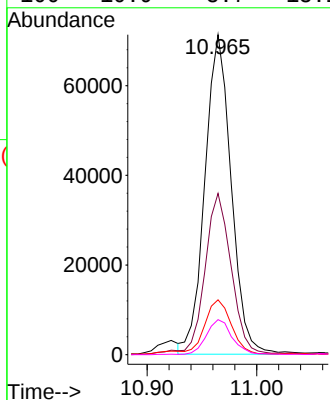
#48
2-Hexanone
Concen: 64.528 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 118875

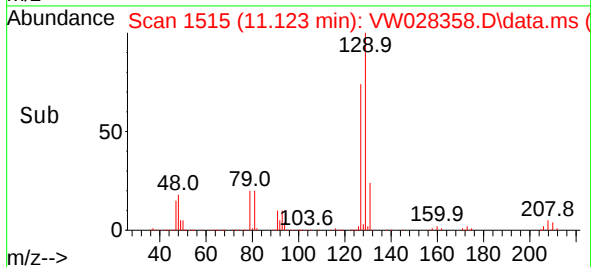
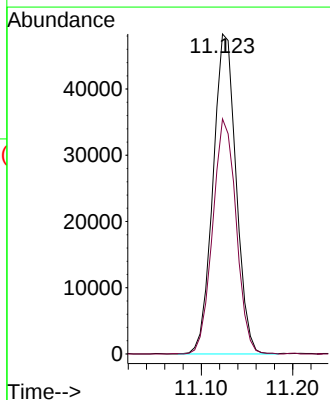
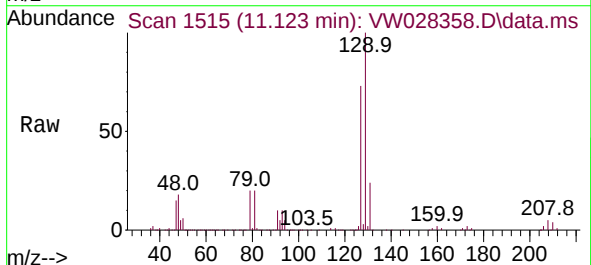
Ion	Ratio	Lower	Upper
43	100		
58	49.4	38.9	58.3
57	17.1	14.4	21.6
100	10.9	8.7	13.1

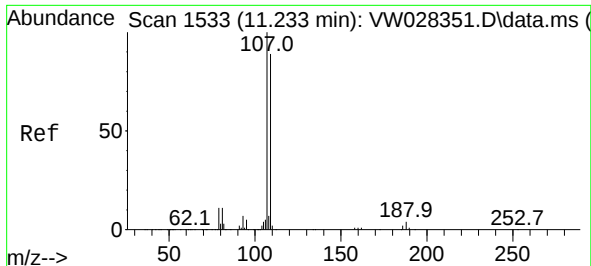


#49
Dibromochloromethane
Concen: 25.294 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

Tgt Ion: 129 Resp: 84798

Ion	Ratio	Lower	Upper
129	100		
127	73.4	53.0	98.4





#50

1,2-Dibromoethane

Concen: 24.927 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

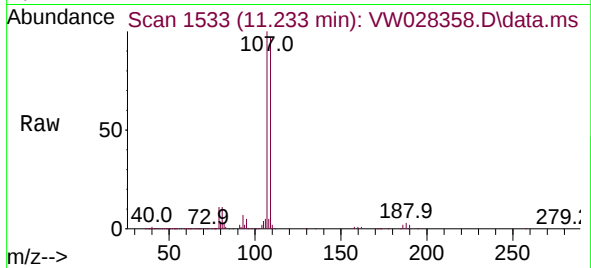
Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

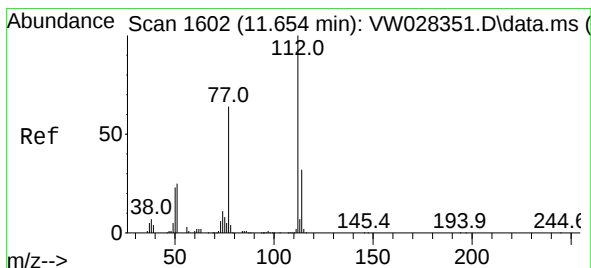
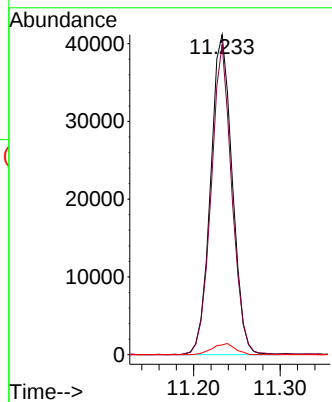
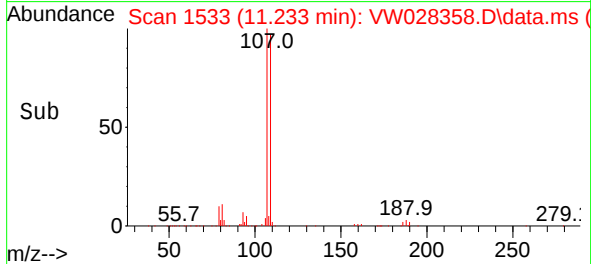
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	71362
Ion Ratio	Lower	Upper	
107	100		
109	96.9	62.1	115.3
188	3.0	3.2	4.8#



#51

Chlorobenzene

Concen: 23.435 ug/L

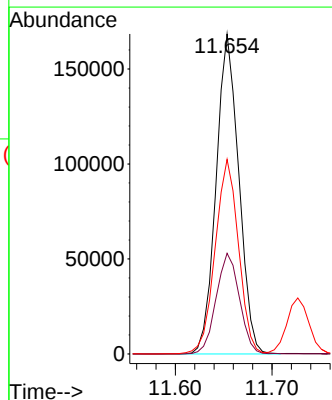
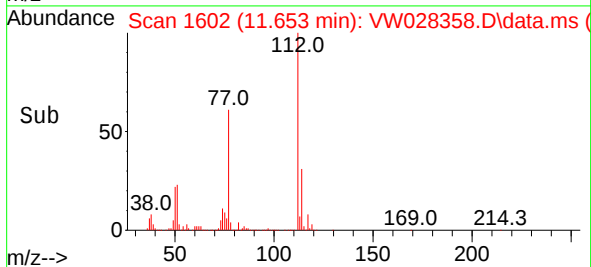
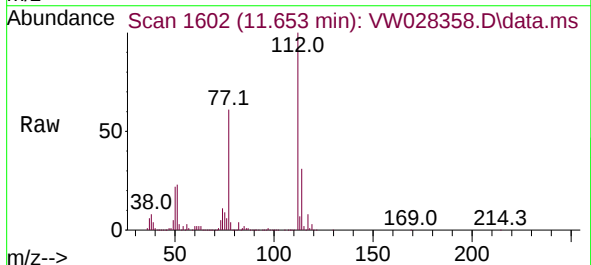
RT: 11.653 min Scan# 1602

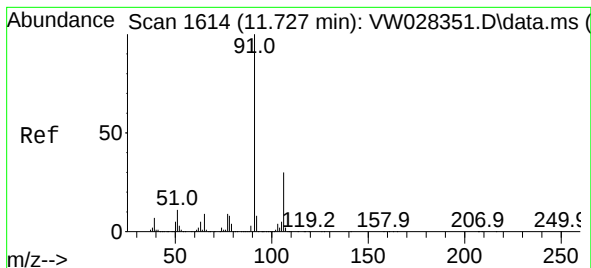
Delta R.T. -0.000 min

Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

Tgt Ion:	112	Resp:	274508
Ion Ratio	Lower	Upper	
112	100		
114	31.4	22.3	41.3
77	60.8	51.8	77.8

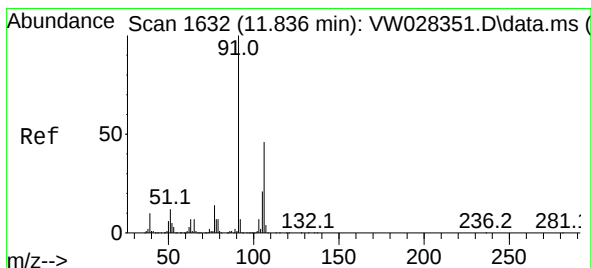
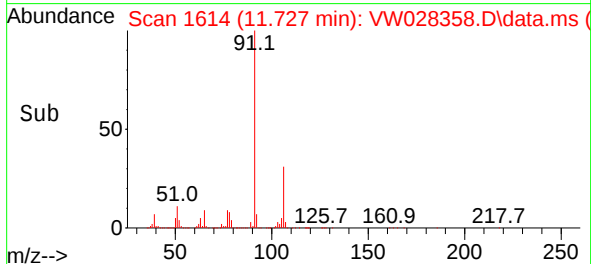
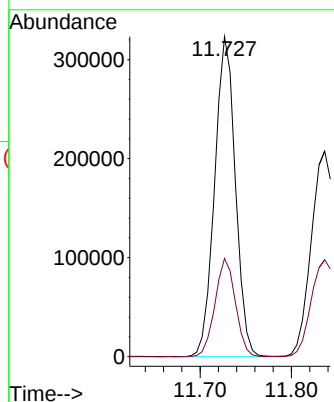
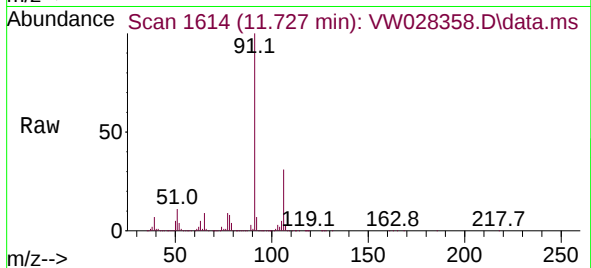




#52
Ethylbenzene
Concen: 23.876 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

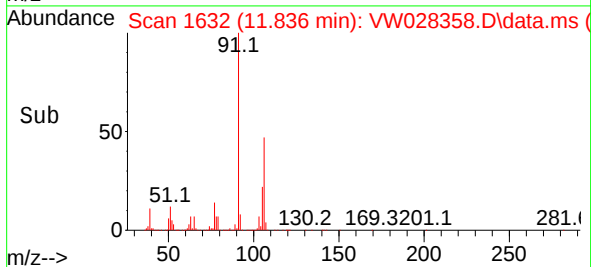
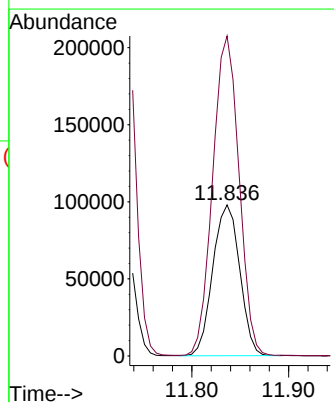
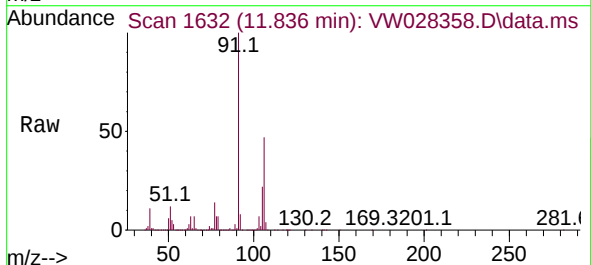
Instrument :
MSVOA_W
ClientSampleId :

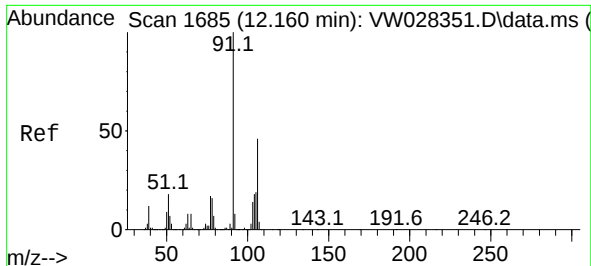
Tgt Ion: 91 Resp: 510031
Ion Ratio Lower Upper
91 100
106 30.7 21.2 39.4



#53
m,p-Xylene
Concen: 23.816 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

Tgt Ion:106 Resp: 189192
Ion Ratio Lower Upper
106 100
91 212.0 152.4 283.0

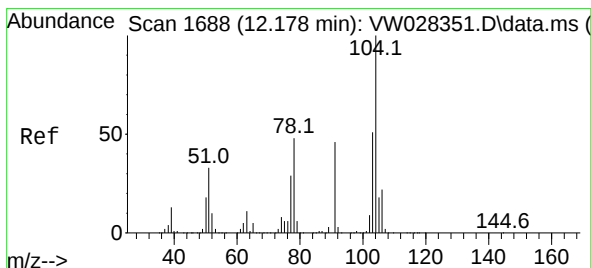
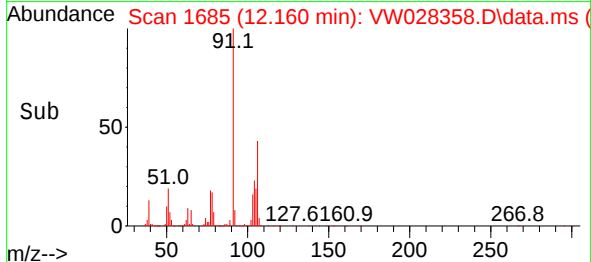
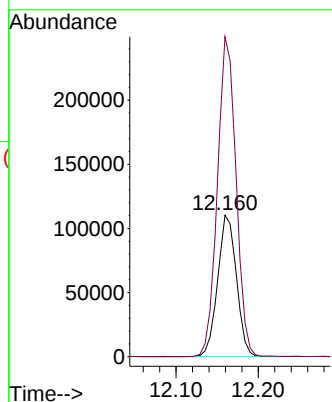
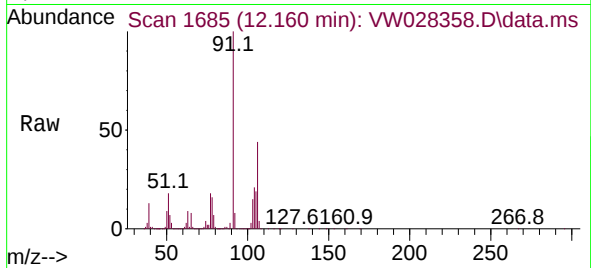




#54
o-Xylene
Concen: 23.688 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

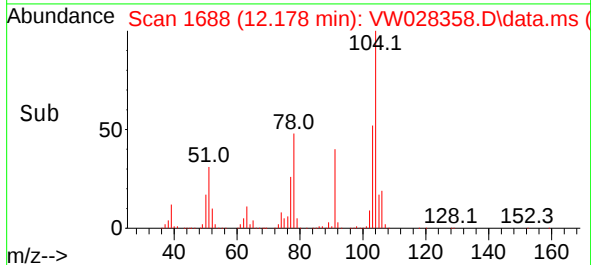
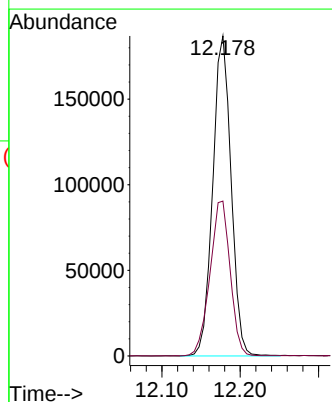
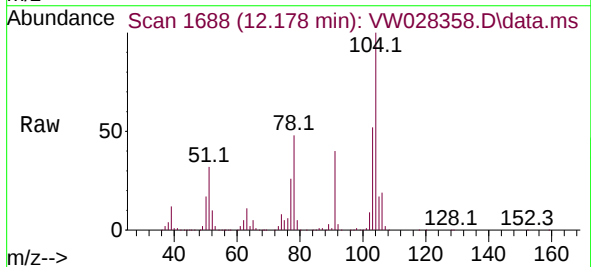
Instrument :
MSVOA_W
ClientSampleId :

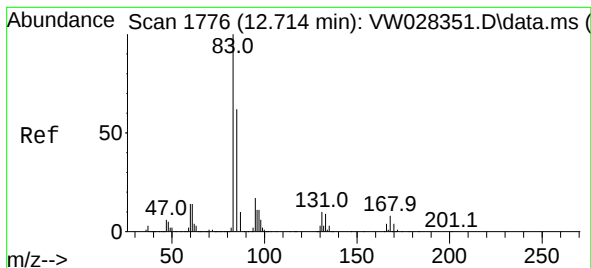
Tgt Ion:106 Resp: 175213
Ion Ratio Lower Upper
106 100
91 226.3 152.9 283.9



#55
Styrene
Concen: 24.175 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

Tgt Ion:104 Resp: 304336
Ion Ratio Lower Upper
104 100
78 48.4 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 25.454 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028358.D

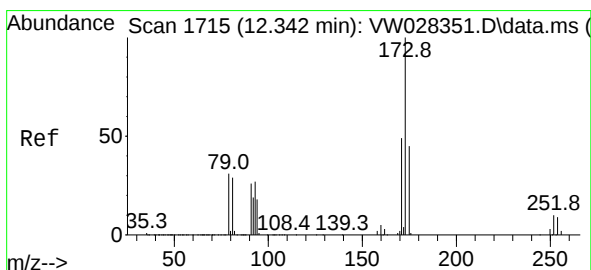
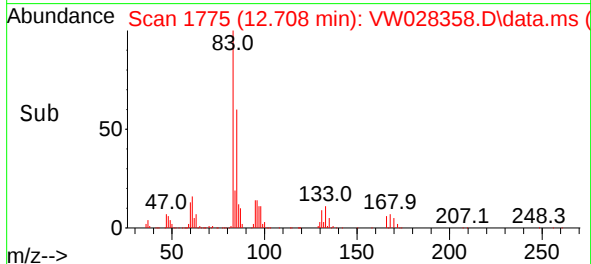
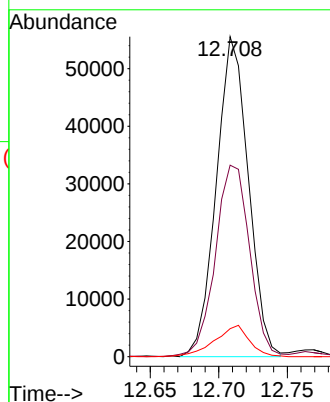
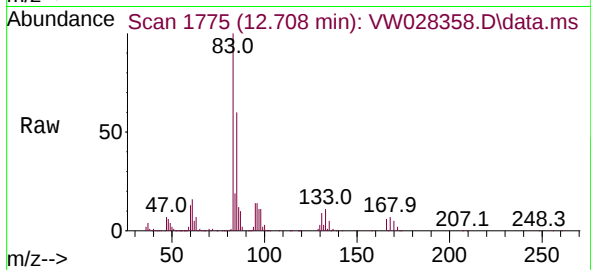
Acq: 08 Apr 2024 16:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 90351
Ion Ratio	Lower Upper
83	100
85	59.8 43.4 80.6
131	8.7 8.0 12.0



#59

Bromoform

Concen: 24.661 ug/L

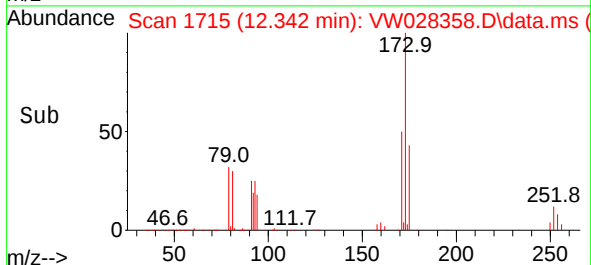
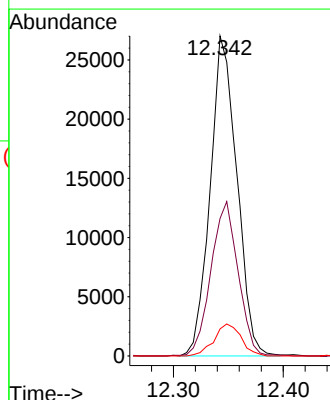
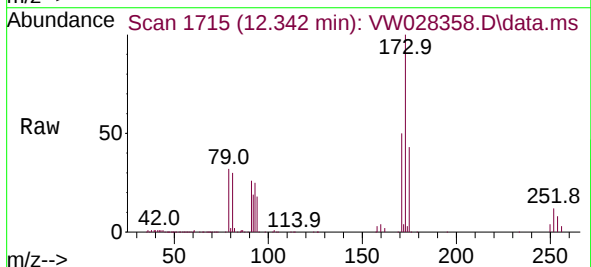
RT: 12.342 min Scan# 1715

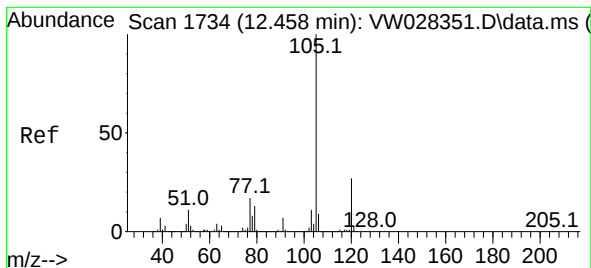
Delta R.T. -0.000 min

Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

Tgt Ion: 173	Resp: 45780
Ion Ratio	Lower Upper
173	100
175	49.0 39.2 58.8
254	10.1 8.3 12.5





#60

Isopropylbenzene

Concen: 23.698 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

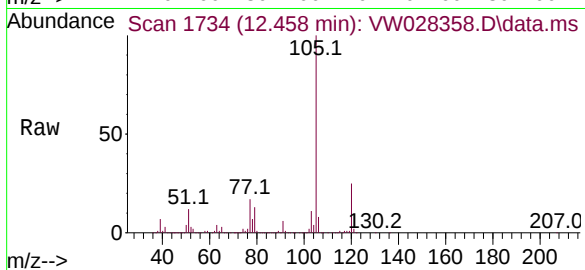
Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

Instrument :

MSVOA_W

ClientSampleId :



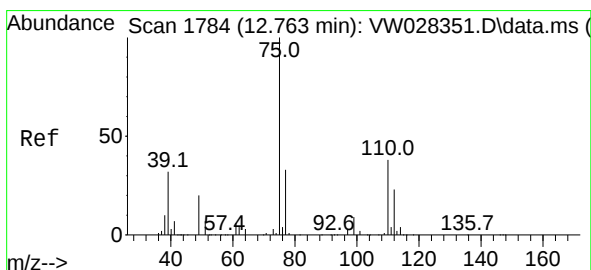
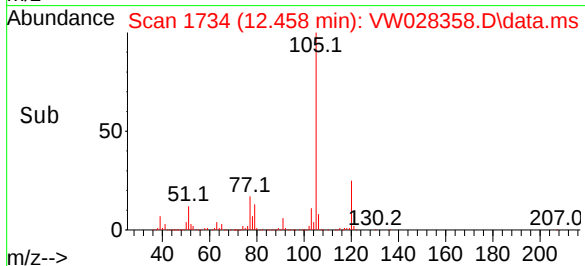
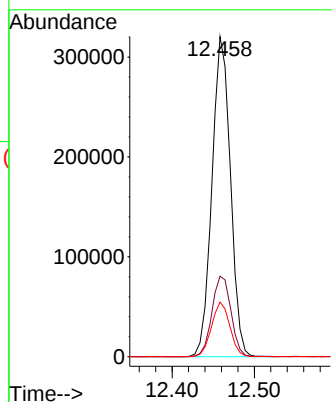
Tgt Ion:105 Resp: 499635

Ion Ratio Lower Upper

105 100

120 25.9 20.8 31.2

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 25.469 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

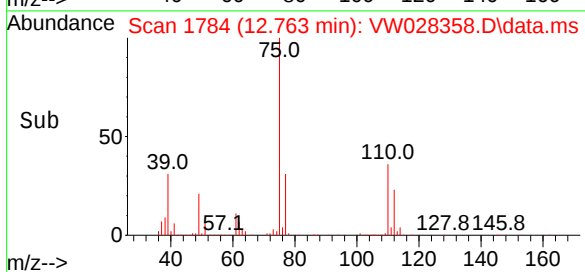
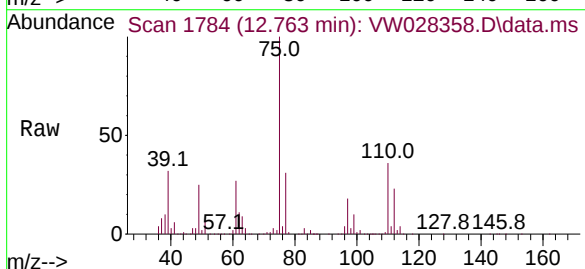
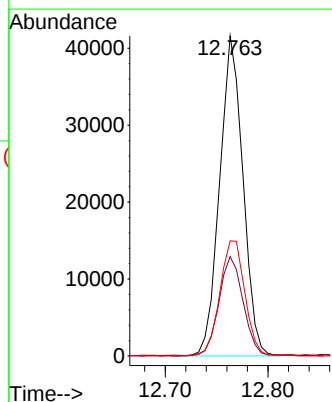
Tgt Ion: 75 Resp: 65485

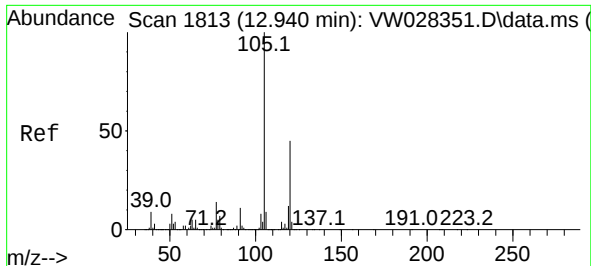
Ion Ratio Lower Upper

75 100

77 32.4 26.1 39.1

110 38.7 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 23.847 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

Instrument :

MSVOA_W

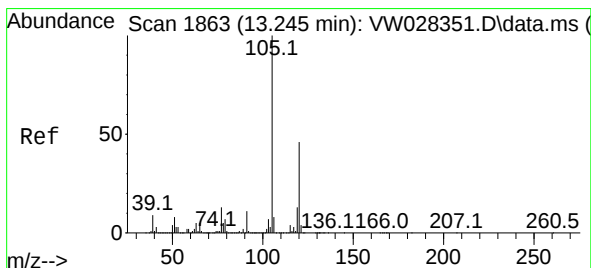
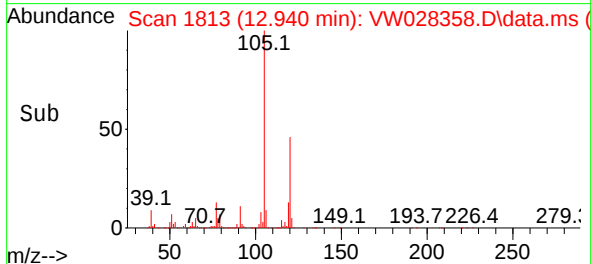
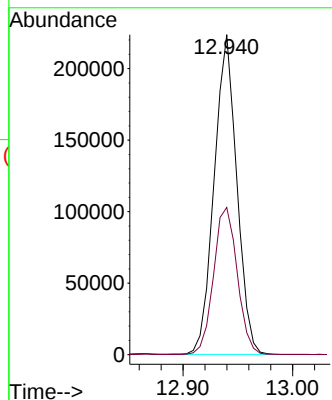
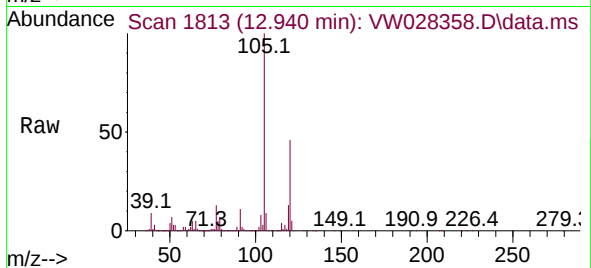
ClientSampleId :

Tgt Ion:105 Resp: 320458

Ion Ratio Lower Upper

105 100

120 48.3 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 24.450 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028358.D

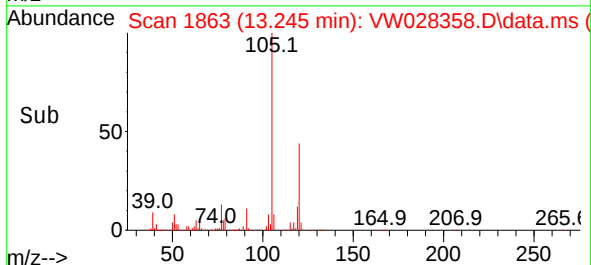
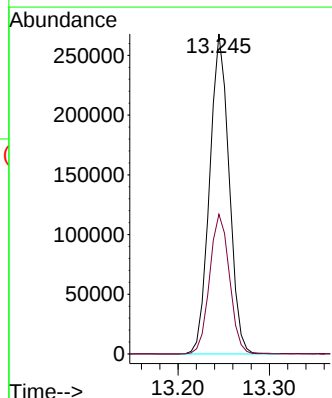
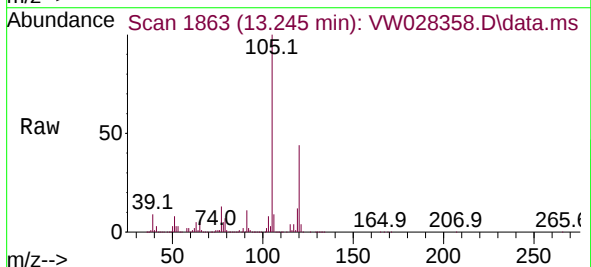
Acq: 08 Apr 2024 16:12

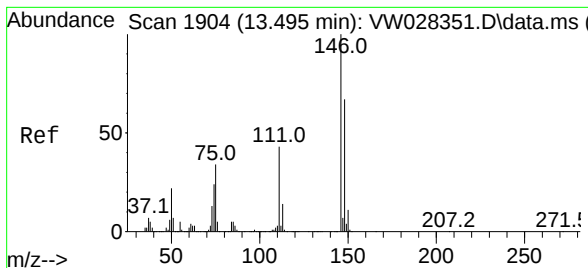
Tgt Ion:105 Resp: 395420

Ion Ratio Lower Upper

105 100

120 44.5 35.4 53.0

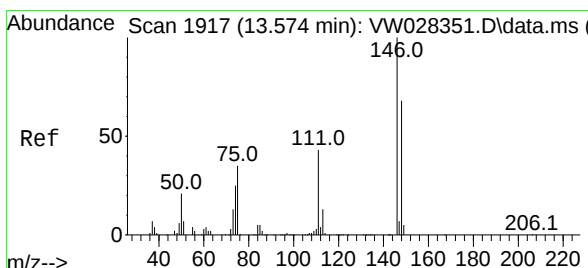
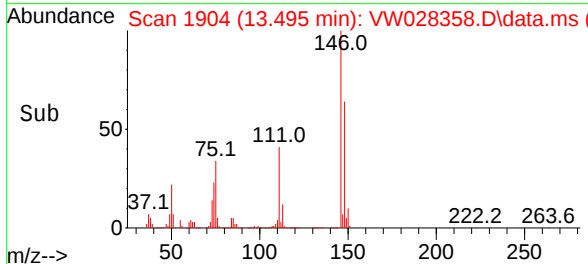
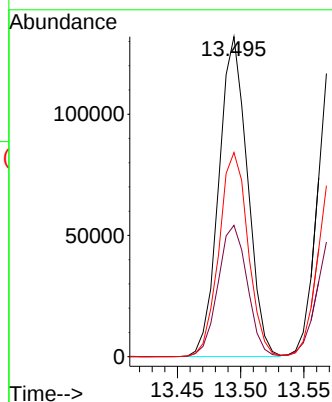
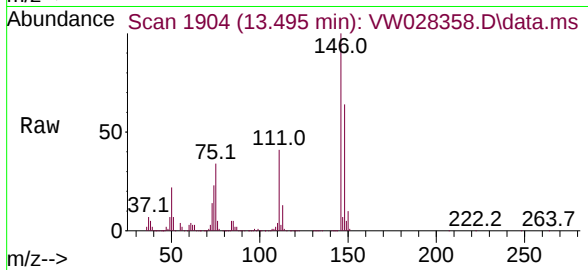




#64
1,3-Dichlorobenzene
Concen: 23.196 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

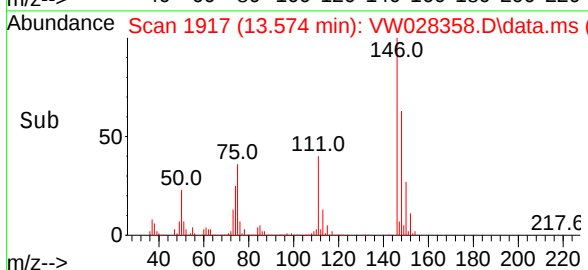
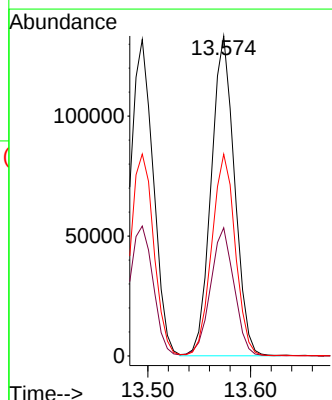
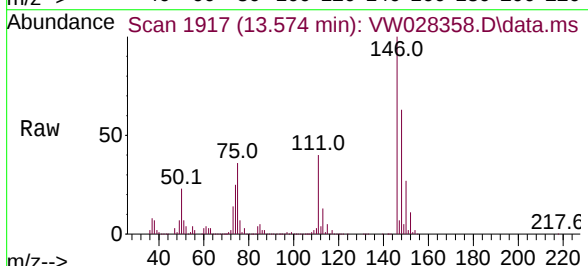
Instrument :
MSVOA_W
ClientSampleId :

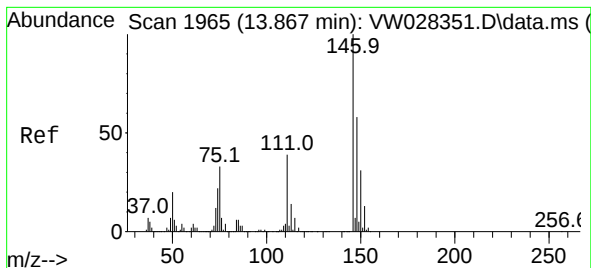
Tgt Ion:146 Resp: 207518
Ion Ratio Lower Upper
146 100
111 41.0 29.8 55.3
148 63.8 47.3 87.8



#65
1,4-Dichlorobenzene
Concen: 23.092 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

Tgt Ion:146 Resp: 210147
Ion Ratio Lower Upper
146 100
111 40.0 30.3 56.3
148 63.0 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 24.091 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

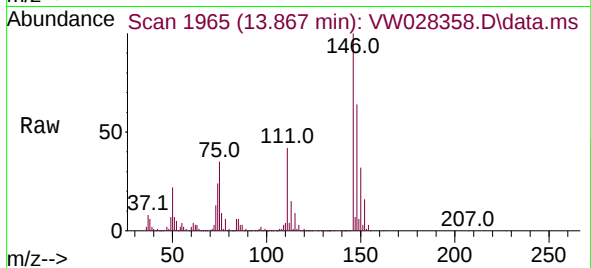
Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

Instrument :

MSVOA_W

ClientSampleId :



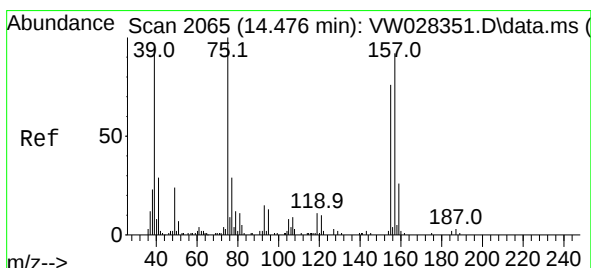
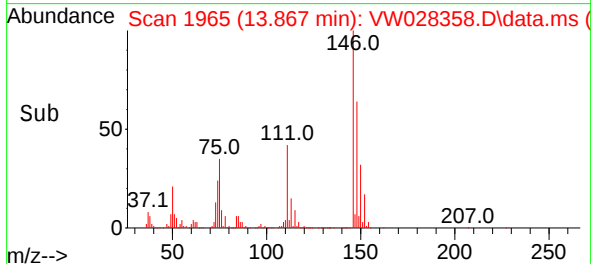
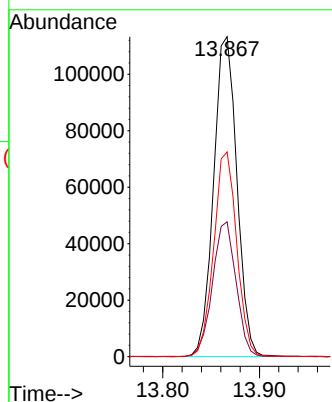
Tgt Ion:146 Resp: 189576

Ion Ratio Lower Upper

146 100

111 42.2 31.4 47.2

148 64.0 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 24.225 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

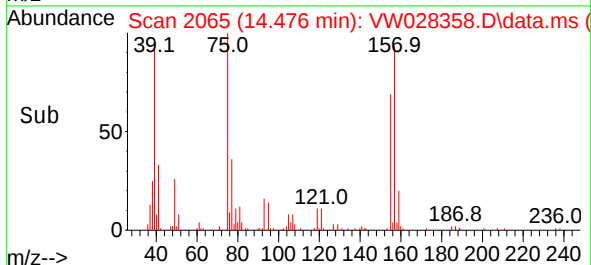
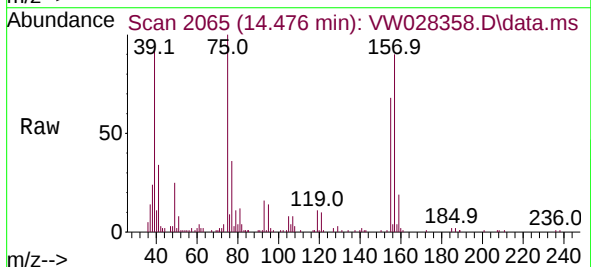
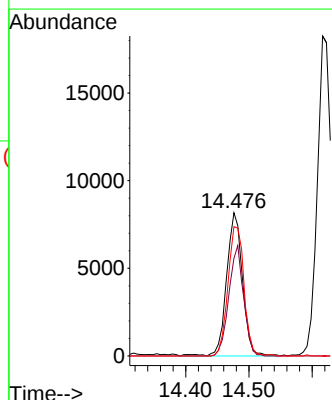
Tgt Ion: 75 Resp: 14273

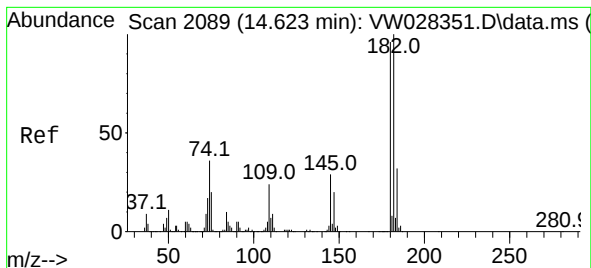
Ion Ratio Lower Upper

75 100

155 68.3 61.2 91.8

157 90.4 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 22.954 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

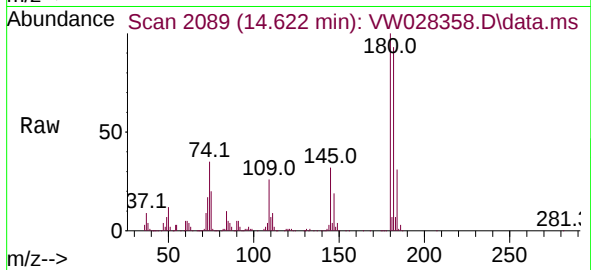
Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 141309

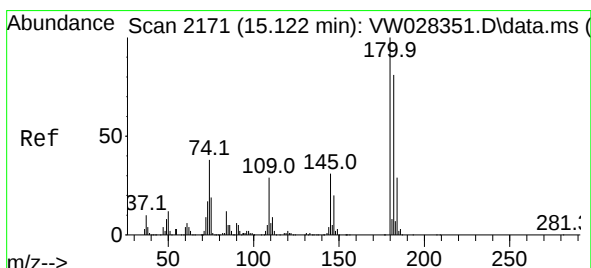
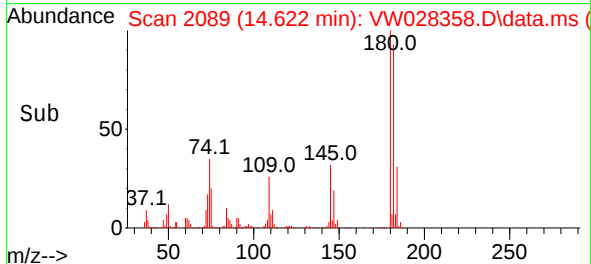
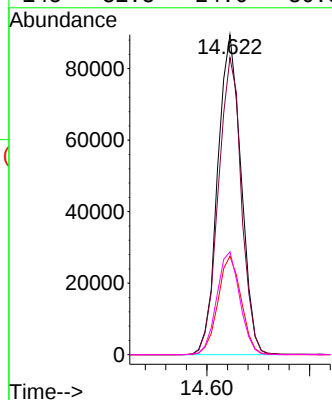
Ion Ratio Lower Upper

180 100

182 91.6 77.4 116.0

184 30.7 24.8 37.2

145 31.8 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 23.802 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028358.D

Acq: 08 Apr 2024 16:12

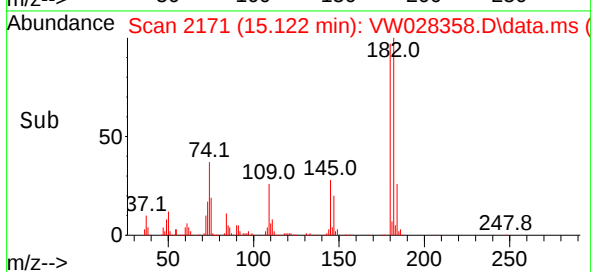
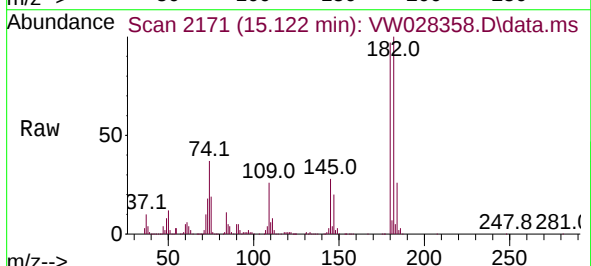
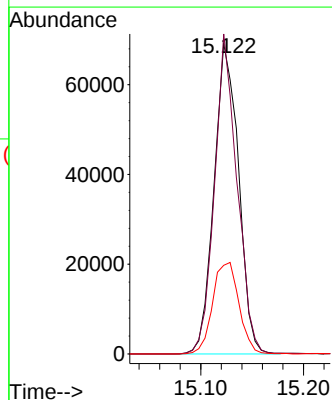
Tgt Ion:180 Resp: 114425

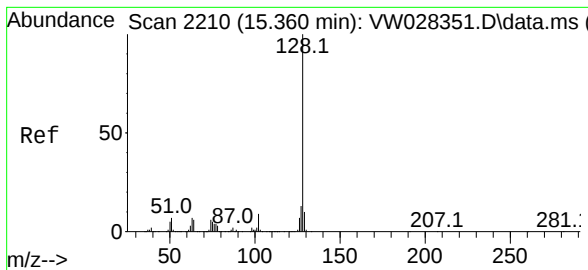
Ion Ratio Lower Upper

180 100

182 95.1 71.5 107.3

145 31.7 23.5 35.3

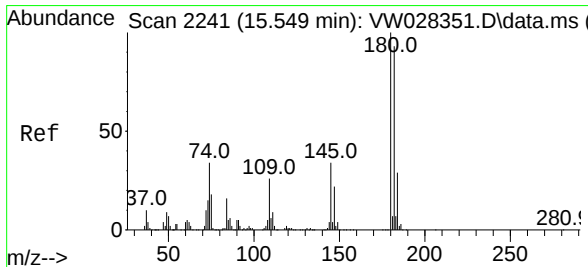
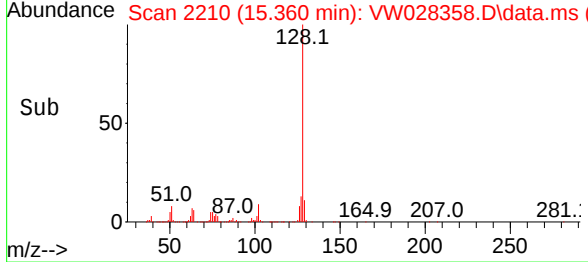
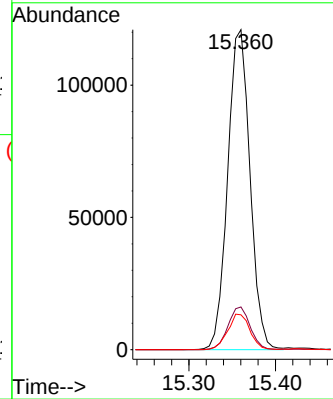
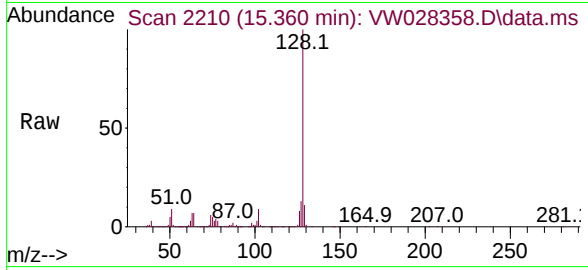




#71
Naphthalene
Concen: 25.452 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 216543
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.1 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 23.829 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW028358.D
Acq: 08 Apr 2024 16:12

Tgt Ion:180 Resp: 101653
Ion Ratio Lower Upper
180 100
182 92.8 75.7 113.5
145 33.0 26.2 39.4

