

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040124\
 Data File : VW028287.D
 Acq On : 01 Apr 2024 17:09
 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 02 01:39:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 02 01:37:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	218009	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	206498	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	102695	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	43457	17.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.160%
7) Chloroethane-d5	2.899	69	37952	21.296	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	4.027	65	28718	17.754	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.000%
21) 2-Butanone-d5	7.075	46	51680	68.693	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.380%#
24) Chloroform-d	7.648	84	161148	25.068	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.280%
26) 1,2-Dichloroethane-d4	8.307	65	87971	24.832	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.320%
32) Benzene-d6	8.276	84	298437	23.671	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.680%
36) 1,2-Dichloropropane-d6	9.270	67	94072	25.928	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.720%
41) Toluene-d8	10.318	98	266012	22.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.520%
43) trans-1,3-Dichloroprop...	10.575	79	39051	23.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.800%
47) 2-Hexanone-d5	10.922	63	39790	66.348	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83278	31.073	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.280%#
66) 1,2-Dichlorobenzene-d4	13.848	152	96975	25.922	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.680%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	54169	17.128	ug/L	99
3) Chloromethane	2.222	50	44487	19.833	ug/L	98
5) Vinyl chloride	2.375	62	52938	20.879	ug/L	98
6) Bromomethane	2.789	94	33217	21.998	ug/L	89
8) Chloroethane	2.936	64	29765	21.841	ug/L	98
9) Trichlorofluoromethane	3.265	101	63955	20.863	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	66797	21.934	ug/L #	69
12) 1,1-Dichloroethene	4.045	96	62261	22.116	ug/L	96
13) Acetone	4.124	43	37112	44.428	ug/L	98
14) Carbon disulfide	4.387	76	173709	19.784	ug/L	99
15) Methyl Acetate	4.673	43	32397	25.179	ug/L	98
16) Methylene chloride	4.917	84	72620	21.886	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	67603	22.596	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	108601	24.059	ug/L	98
19) 1,1-Dichloroethane	6.216	63	137513	23.742	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	76650	23.722	ug/L	96
22) 2-Butanone	7.167	43	49228	51.905	ug/L	99
23) Bromochloromethane	7.514	128	32610	22.828	ug/L	84
25) Chloroform	7.679	83	138958	23.304	ug/L	96

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 Response via : Initial Calibration

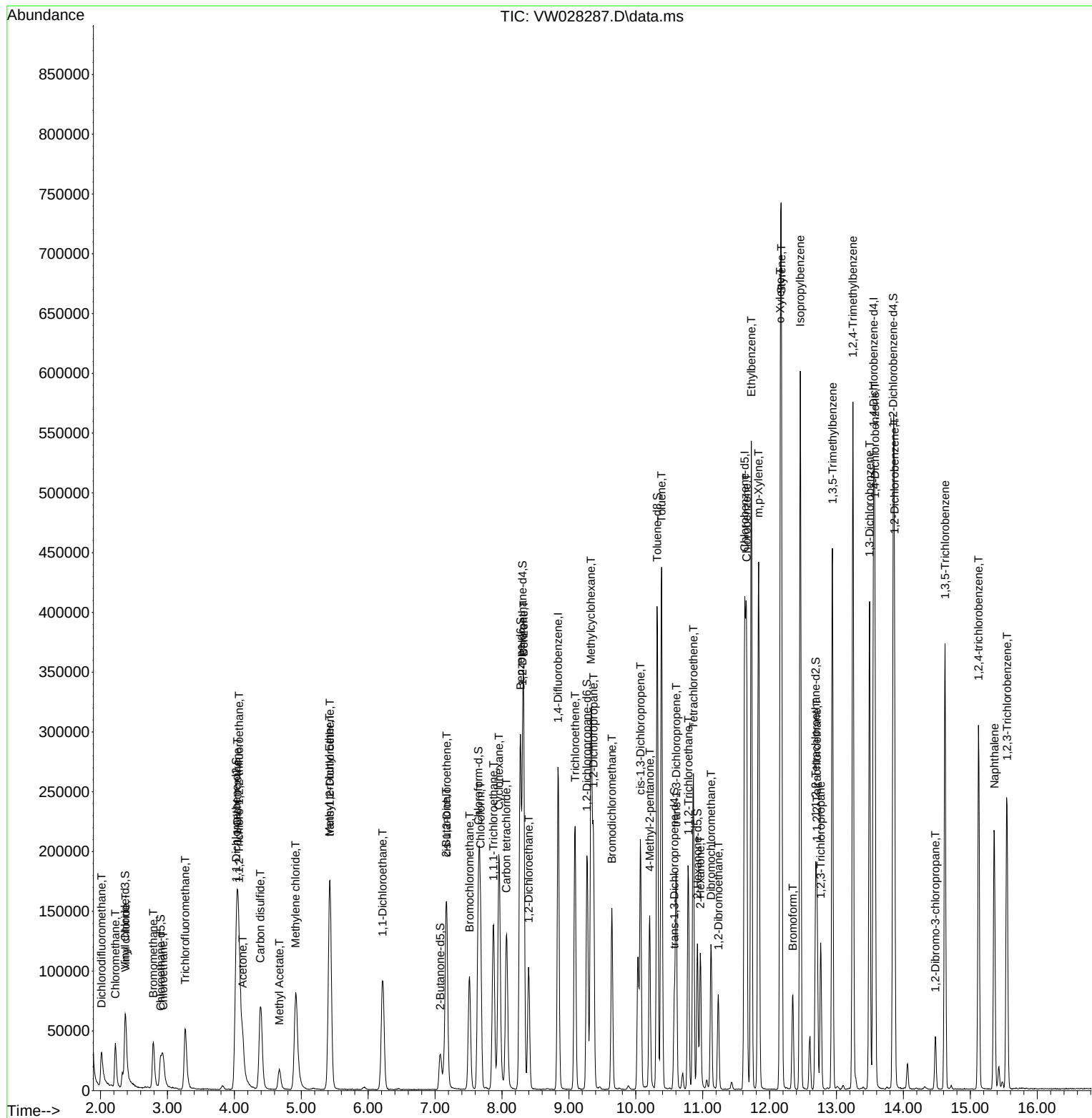
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	93633	22.236	ug/L #	95
29) Cyclohexane	7.953	56	115881	21.515	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	114787	21.206	ug/L	99
31) Carbon tetrachloride	8.063	117	104887	20.658	ug/L	95
33) Benzene	8.325	78	291173	22.915	ug/L	100
34) Trichloroethene	9.093	95	79346	22.382	ug/L	97
35) Methylcyclohexane	9.331	83	128634	21.466	ug/L	100
37) 1,2-Dichloropropane	9.367	63	77858	23.955	ug/L	99
38) Bromodichloromethane	9.642	83	96754	22.080	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	118771	22.818	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	95069	52.991	ug/L	99
42) Toluene	10.386	91	320262	23.093	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	101080	23.001	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	56378	24.008	ug/L	98
46) Tetrachloroethene	10.861	164	59308	20.754	ug/L	93
48) 2-Hexanone	10.965	43	70714	50.318	ug/L	95
49) Dibromochloromethane	11.123	129	64394	23.154	ug/L	100
50) 1,2-Dibromoethane	11.233	107	52908	23.563	ug/L	94
51) Chlorobenzene	11.654	112	197582	22.446	ug/L	100
52) Ethylbenzene	11.727	91	365154	22.555	ug/L	99
53) m,p-Xylene	11.836	106	134803	22.127	ug/L	97
54) o-Xylene	12.160	106	129973	23.006	ug/L	99
55) Styrene	12.178	104	228011	23.496	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	68850	25.633	ug/L	96
59) Bromoform	12.349	173	37594	24.430	ug/L	98
60) Isopropylbenzene	12.458	105	373376	24.471	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	51027	26.035	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	243276	23.763	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	297744	24.085	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	163559	24.028	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	161578	23.738	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	144571	24.663	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	11559	25.106	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	110351	23.273	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	95896	23.807	ug/L	99
71) Naphthalene	15.360	128	186268	26.941	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	85242	25.670	ug/L	98

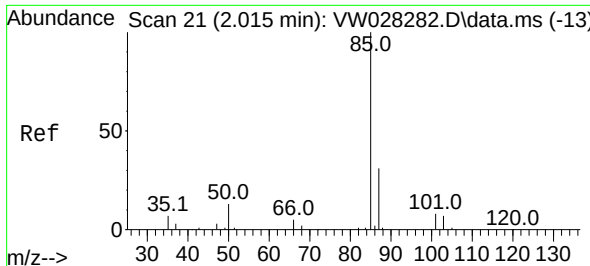
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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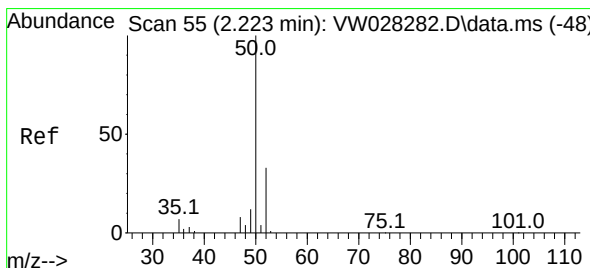
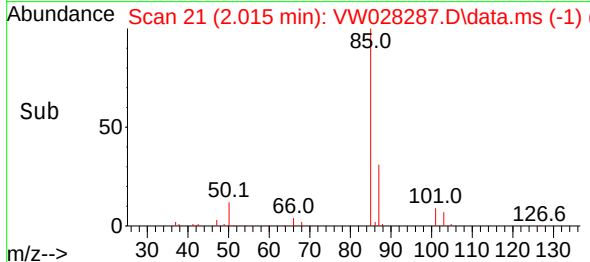
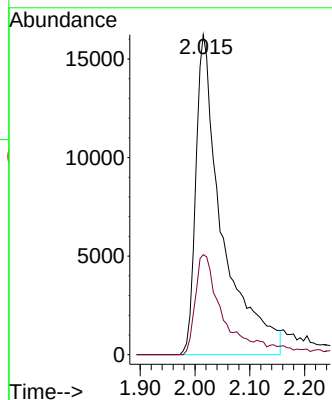
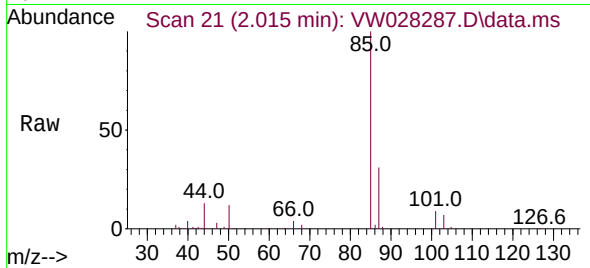




#2
Dichlorodifluoromethane
Concen: 17.128 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

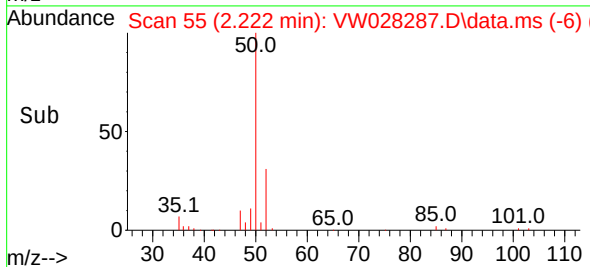
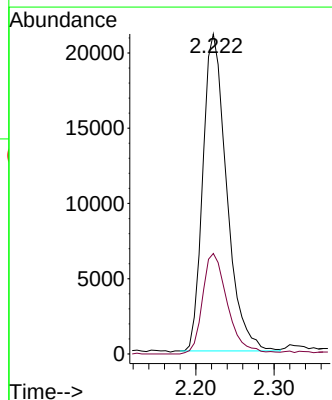
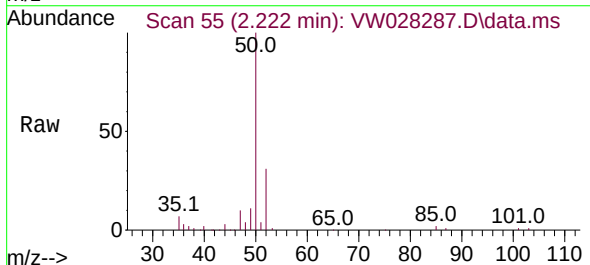
Instrument :
MSVOA_W
ClientSampleId :

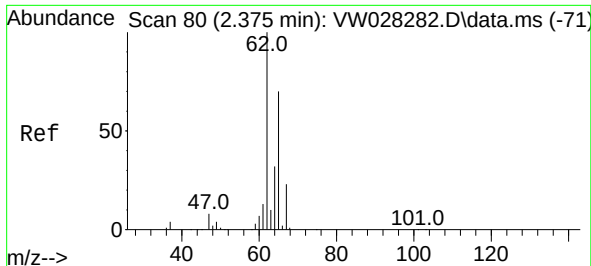
Tgt Ion: 85 Resp: 54169
Ion Ratio Lower Upper
85 100
87 26.8 20.9 31.3



#3
Chloromethane
Concen: 19.833 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

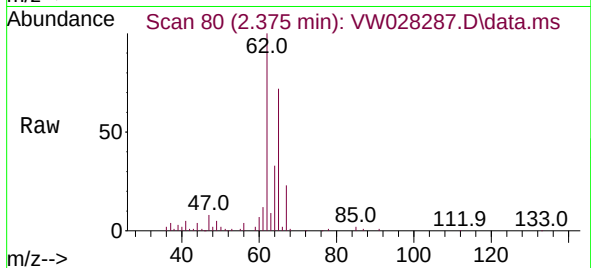
Tgt Ion: 50 Resp: 44487
Ion Ratio Lower Upper
50 100
52 31.4 22.7 42.1



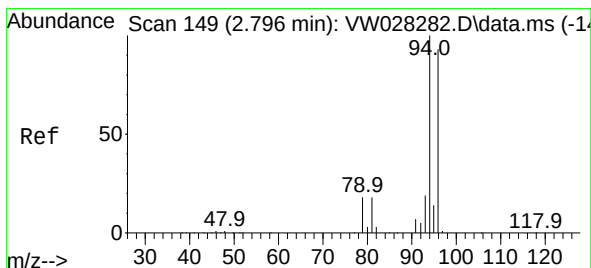
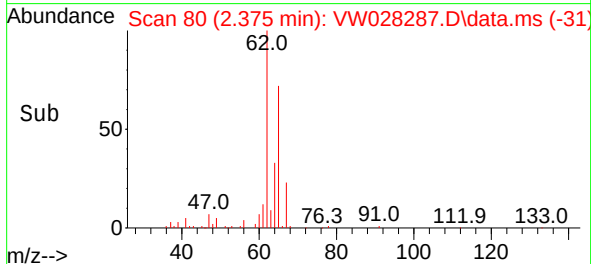
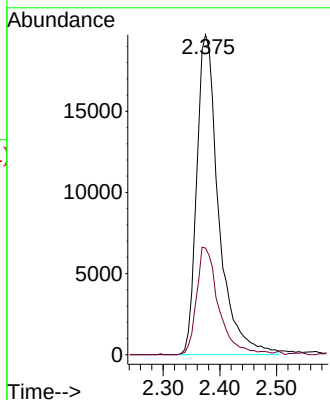


#5
 Vinyl chloride
 Concen: 20.879 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028287.D
 Acq: 01 Apr 2024 17:09

Instrument :
 MSVOA_W
 ClientSampleId :

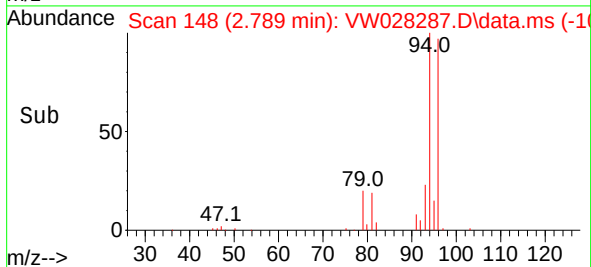
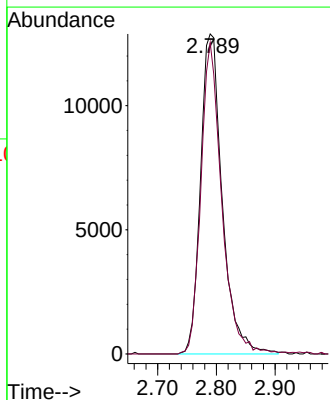
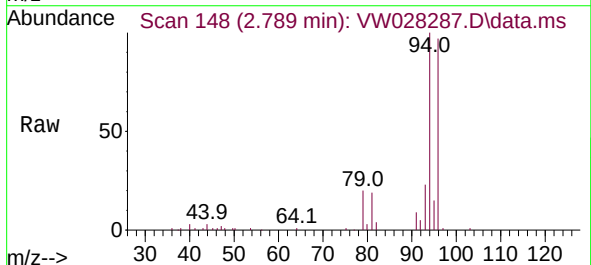


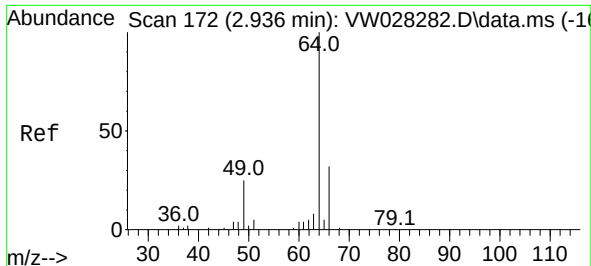
Tgt Ion: 62 Resp: 52938
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.5 41.7



#6
 Bromomethane
 Concen: 21.998 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028287.D
 Acq: 01 Apr 2024 17:09

Tgt Ion: 94 Resp: 33217
 Ion Ratio Lower Upper
 94 100
 96 97.3 60.8 113.0

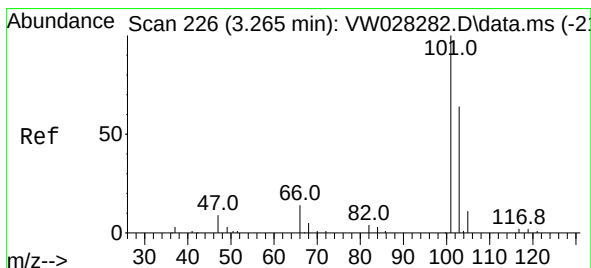
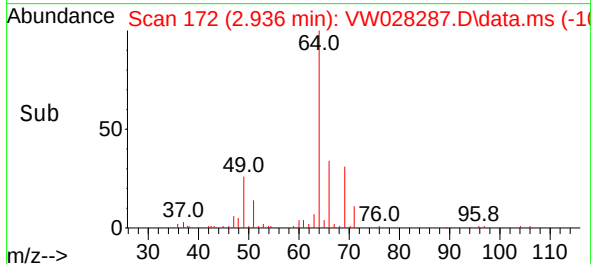
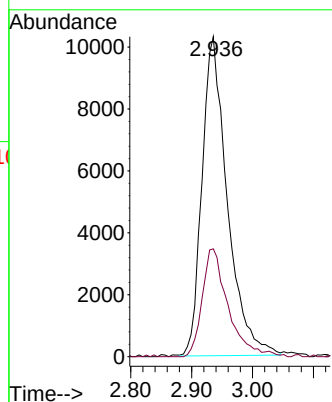
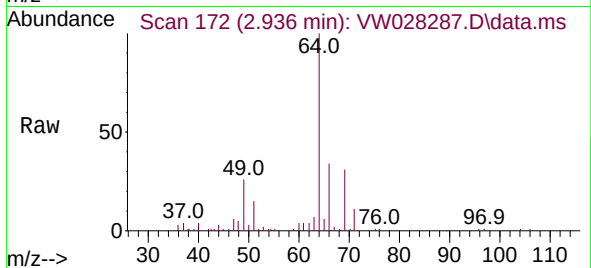




#8
Chloroethane
Concen: 21.841 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

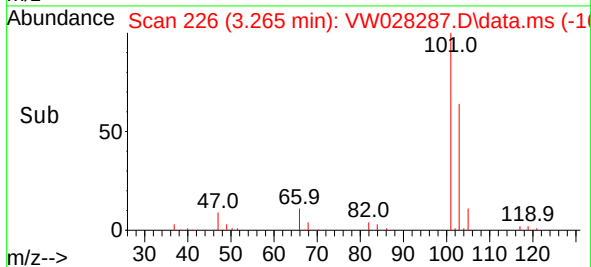
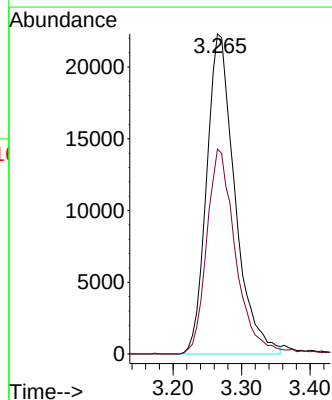
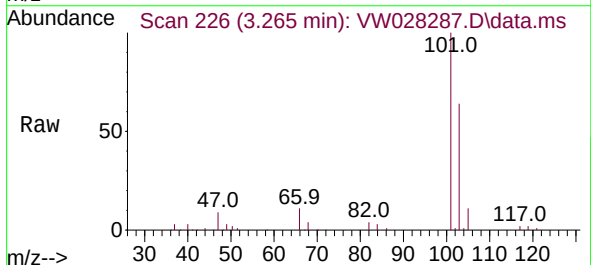
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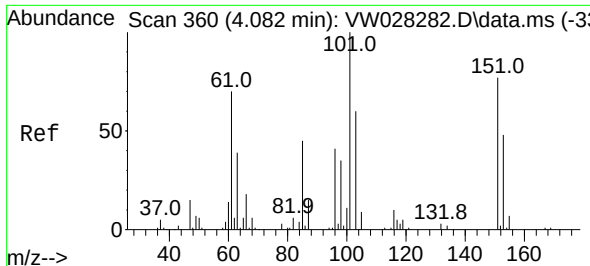
Tgt Ion: 64 Resp: 29765
Ion Ratio Lower Upper
64 100
66 33.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 20.863 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

Tgt Ion:101 Resp: 63955
Ion Ratio Lower Upper
101 100
103 64.9 50.9 76.3

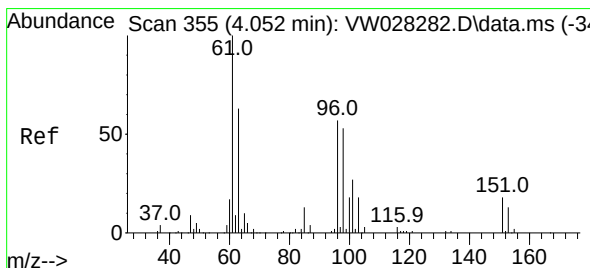
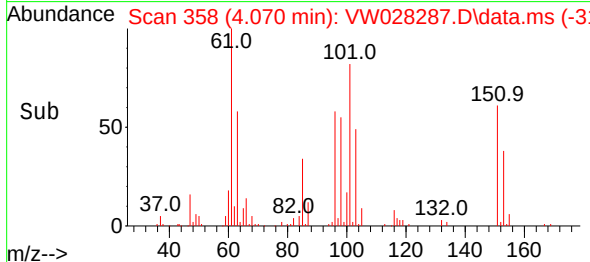
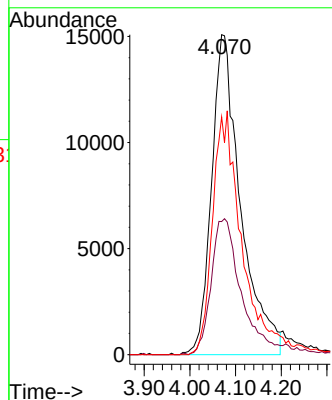
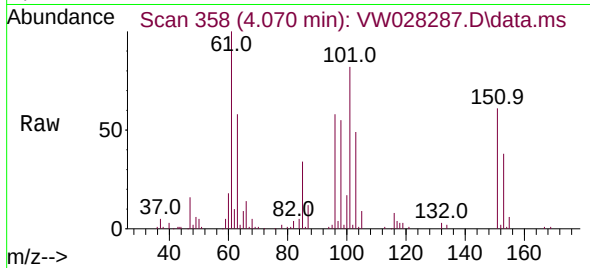




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.934 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.012 min
 Lab File: VW028287.D
 Acq: 01 Apr 2024 17:09

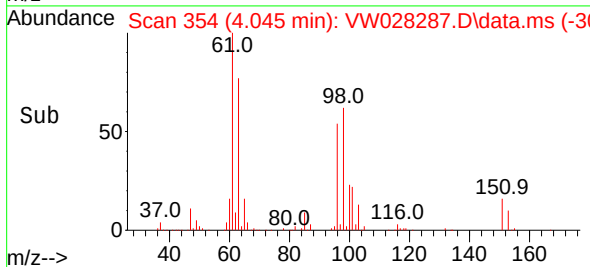
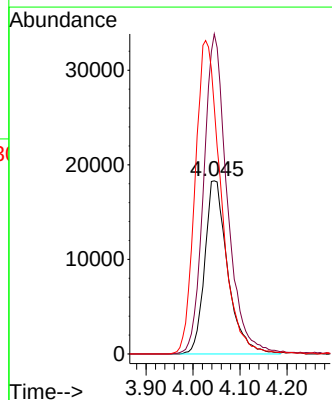
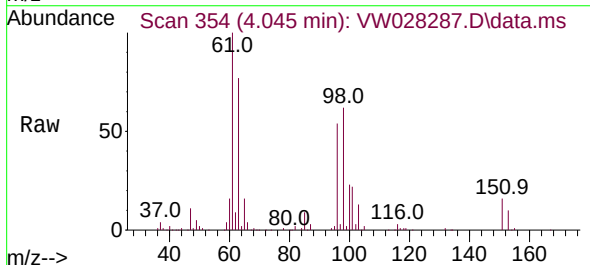
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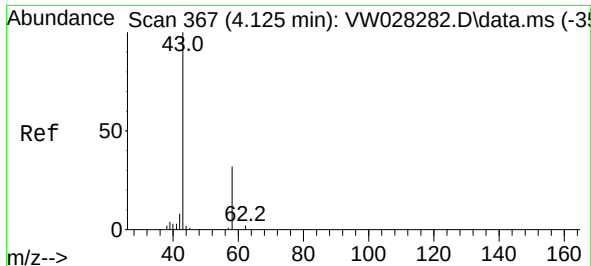
Tgt Ion:101 Resp: 66797
 Ion Ratio Lower Upper
 101 100
 85 43.5 36.4 54.6
 151 32.8 58.4 87.6#



#12
 1,1-Dichloroethene
 Concen: 22.116 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW028287.D
 Acq: 01 Apr 2024 17:09

Tgt Ion: 96 Resp: 62261
 Ion Ratio Lower Upper
 96 100
 61 184.9 132.2 245.4
 63 142.6 104.6 194.2

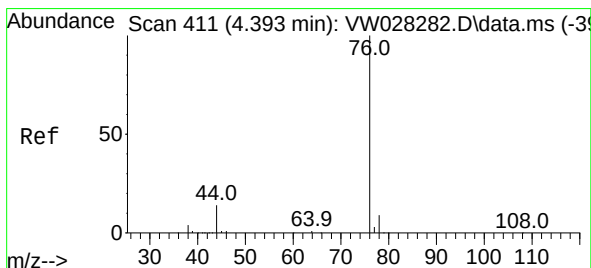
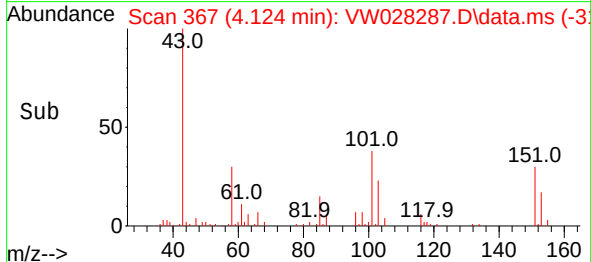
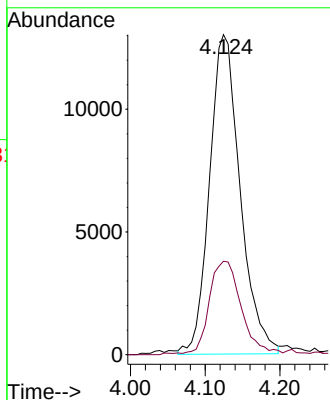
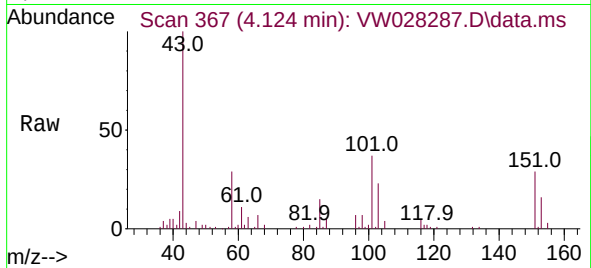




#13
Acetone
Concen: 44.428 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

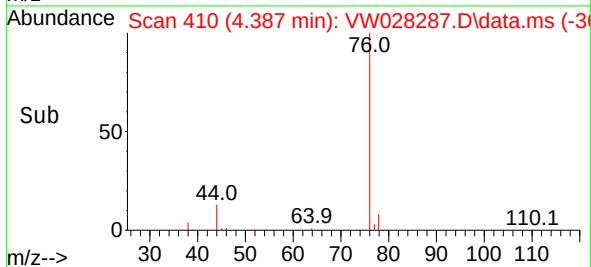
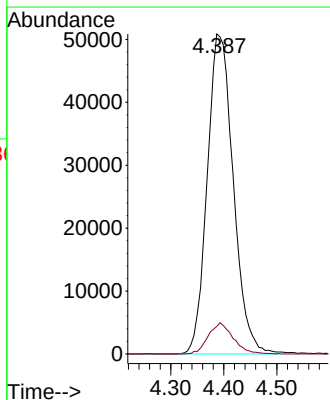
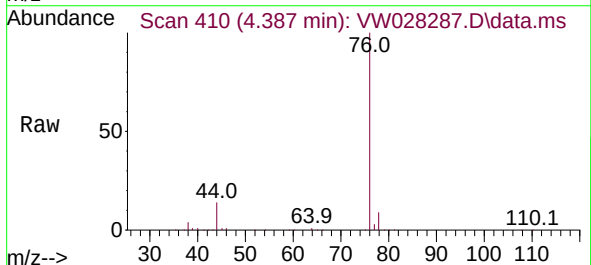
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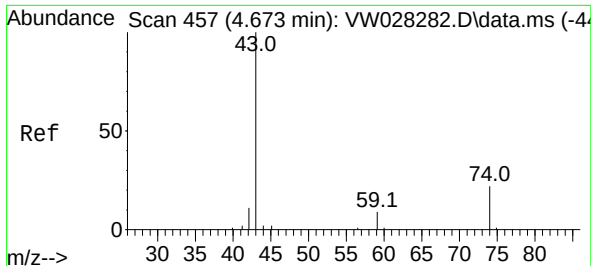
Tgt Ion: 43 Resp: 37112
Ion Ratio Lower Upper
43 100
58 30.0 0.0 57.8



#14
Carbon disulfide
Concen: 19.784 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 173709
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

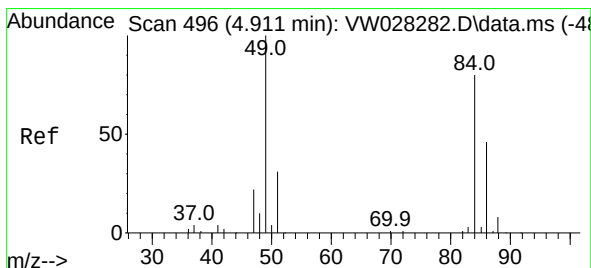
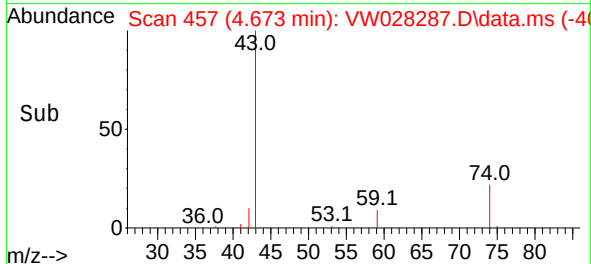
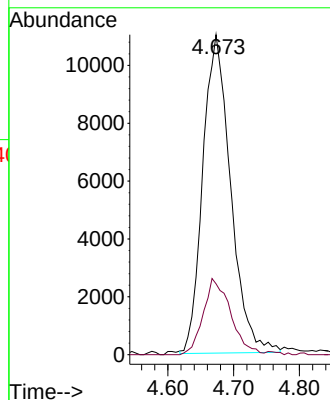
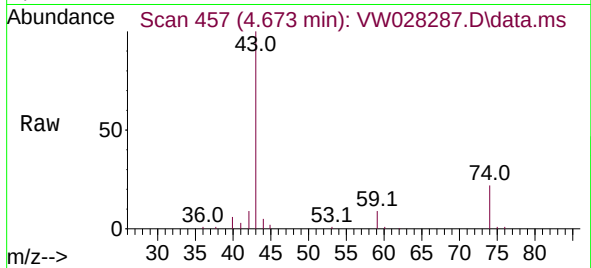




#15
Methyl Acetate
Concen: 25.179 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

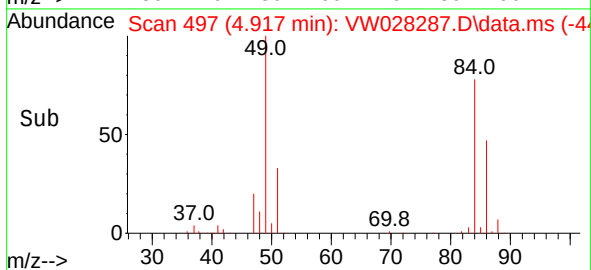
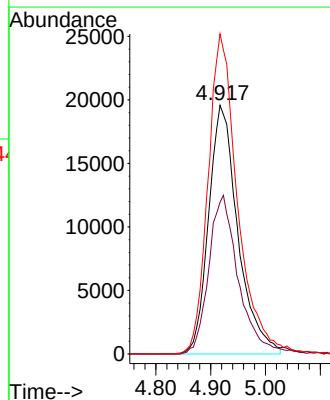
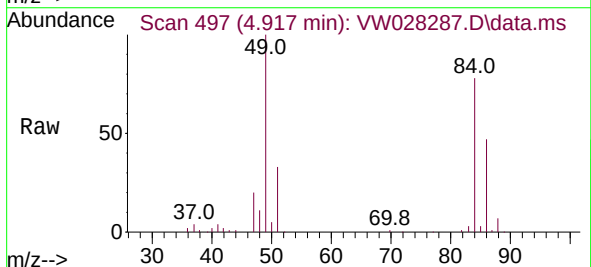
Instrument :
MSVOA_W
ClientSampleId :

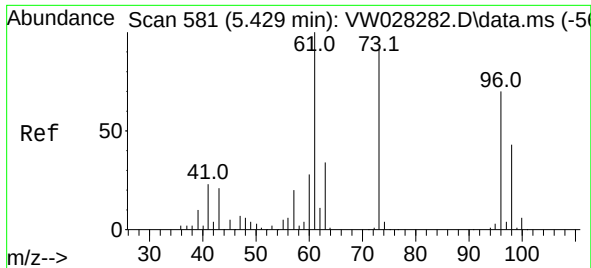
Tgt Ion: 43 Resp: 32397
Ion Ratio Lower Upper
43 100
74 23.6 18.2 27.2



#16
Methylene chloride
Concen: 21.886 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

Tgt Ion: 84 Resp: 72620
Ion Ratio Lower Upper
84 100
86 61.0 43.1 80.1
49 128.7 89.4 166.0

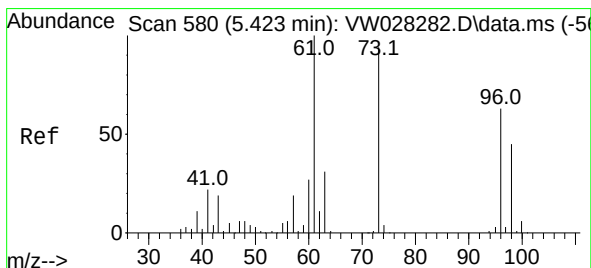
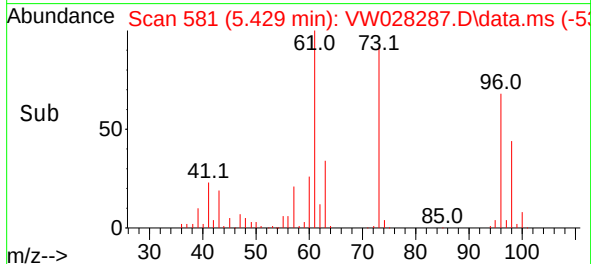
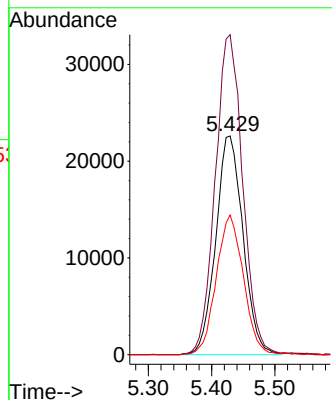
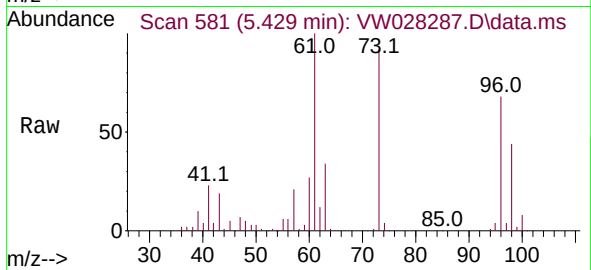




#17
trans-1,2-Dichloroethene
Concen: 22.596 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

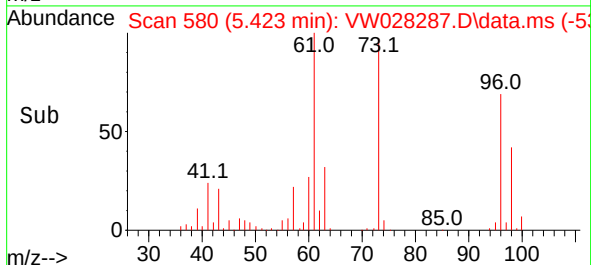
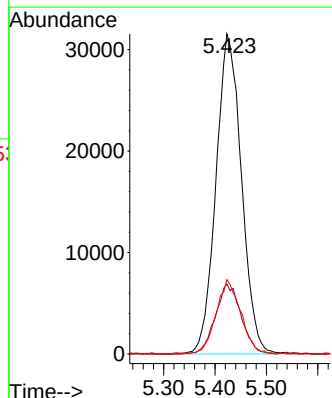
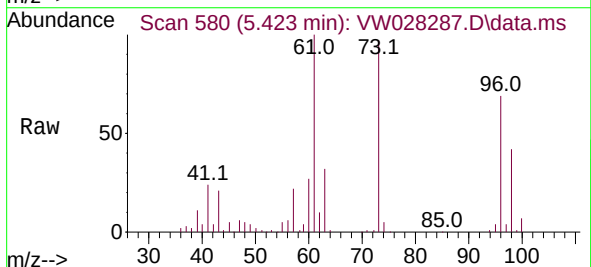
Instrument :
MSVOA_W
ClientSampleId :

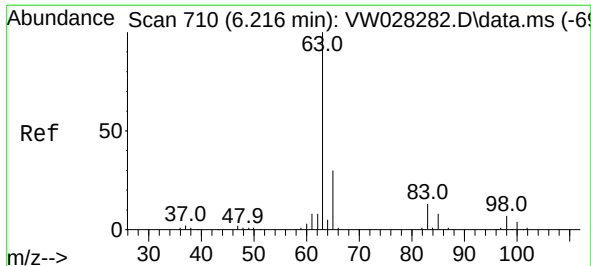
Tgt Ion: 96 Resp: 67603
Ion Ratio Lower Upper
96 100
61 146.3 98.4 182.8
98 63.9 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 24.059 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

Tgt Ion: 73 Resp: 108601
Ion Ratio Lower Upper
73 100
43 21.7 18.2 27.4
57 22.5 17.4 26.2





#19

1,1-Dichloroethane

Concen: 23.742 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min MSVOA_W

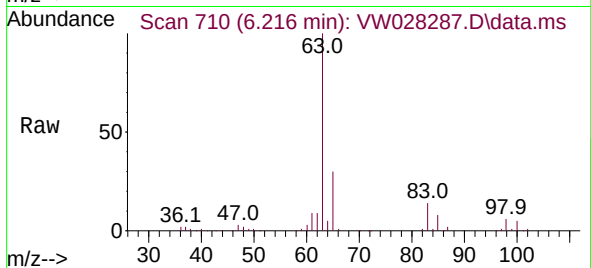
Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :



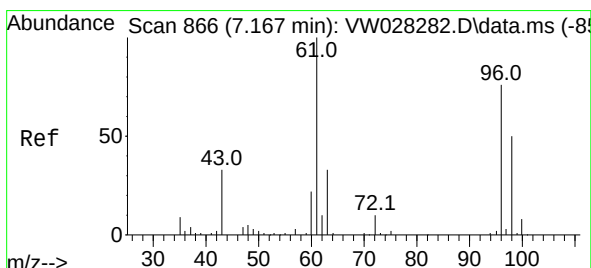
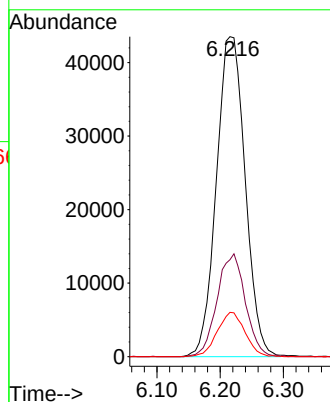
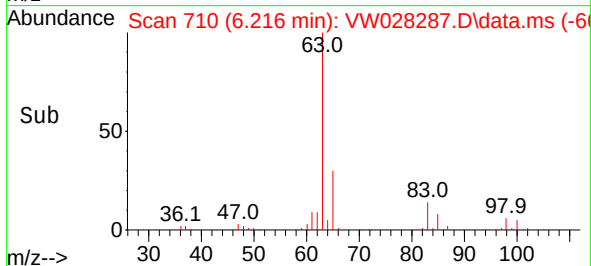
Tgt Ion: 63 Resp: 137513

Ion Ratio Lower Upper

63 100

65 30.3 22.1 41.1

83 13.9 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.722 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

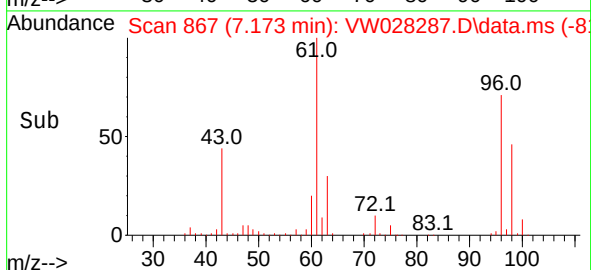
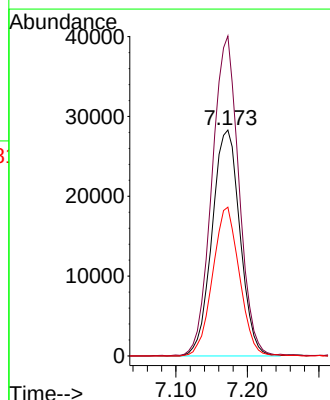
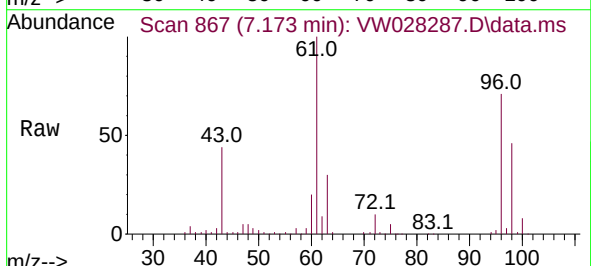
Tgt Ion: 96 Resp: 76650

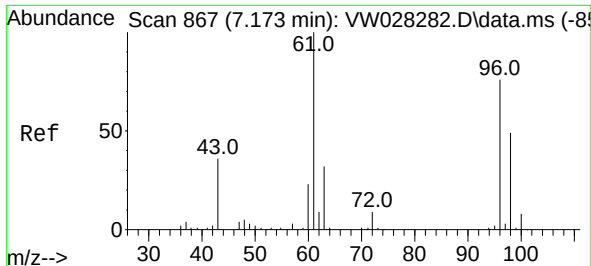
Ion Ratio Lower Upper

96 100

61 141.7 95.7 177.7

98 65.9 43.9 81.5





#22

2-Butanone

Concen: 51.905 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Instrument :

MSVOA_W

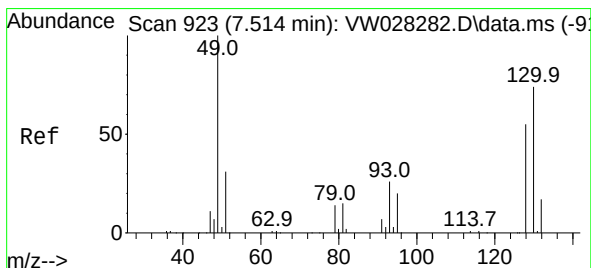
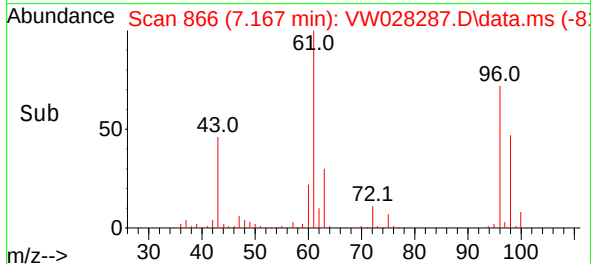
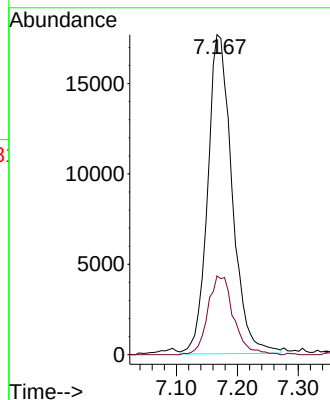
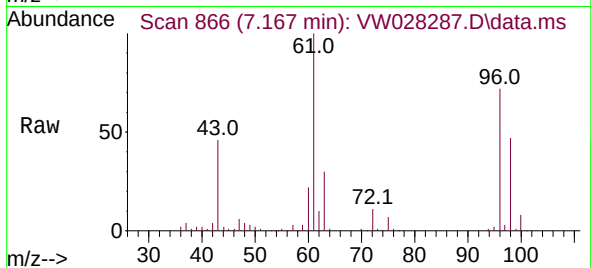
ClientSampleId :

Tgt Ion: 43 Resp: 49228

Ion Ratio Lower Upper

43 100

72 25.3 12.8 38.4



#23

Bromochloromethane

Concen: 22.828 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Tgt Ion: 128 Resp: 32610

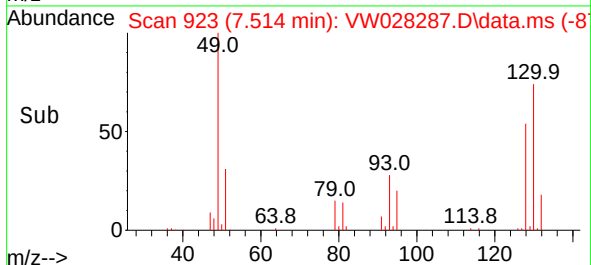
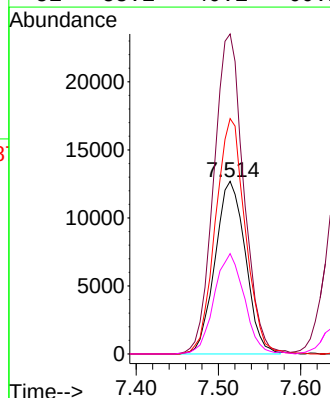
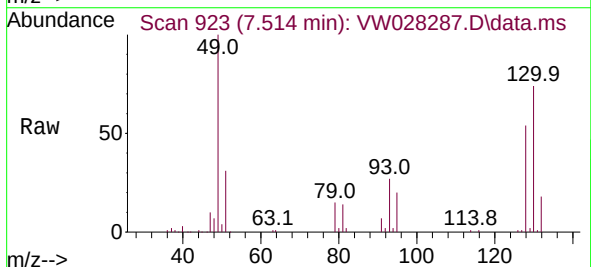
Ion Ratio Lower Upper

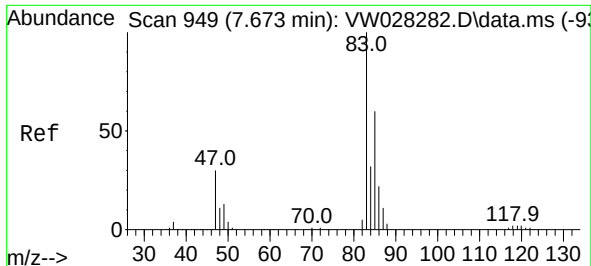
128 100

49 185.4 116.6 216.6

130 136.4 80.1 148.7

51 58.1 40.1 60.1





#25

Chloroform

Concen: 23.304 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Instrument :

MSVOA_W

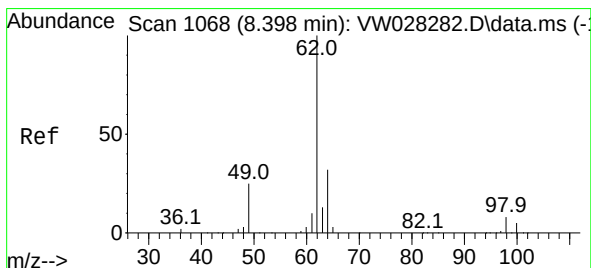
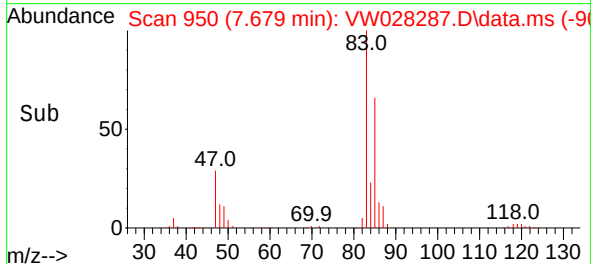
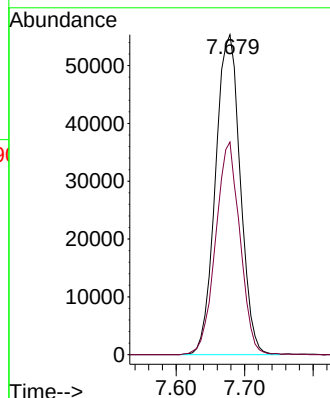
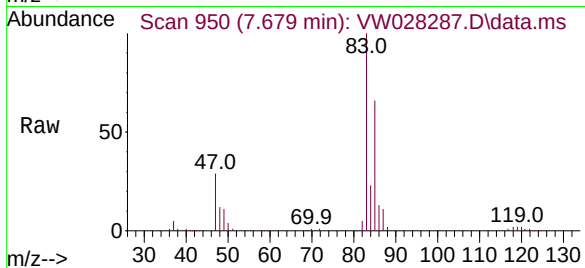
ClientSampleId :

Tgt Ion: 83 Resp: 138958

Ion Ratio Lower Upper

83 100

85 66.4 44.5 82.7



#27

1,2-Dichloroethane

Concen: 22.236 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028287.D

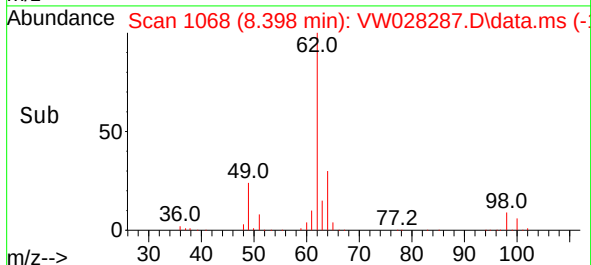
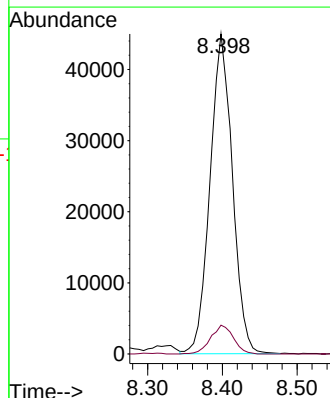
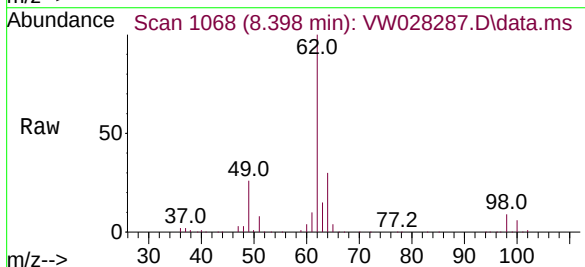
Acq: 01 Apr 2024 17:09

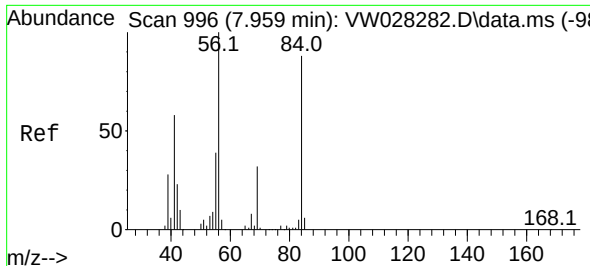
Tgt Ion: 62 Resp: 93633

Ion Ratio Lower Upper

62 100

98 9.0 5.9 8.9#





#29

Cyclohexane

Concen: 21.515 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

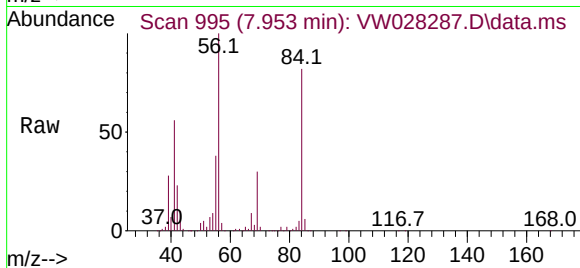
Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :



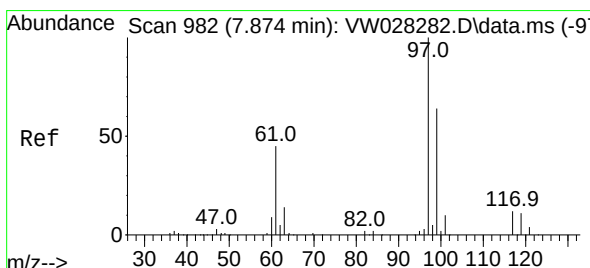
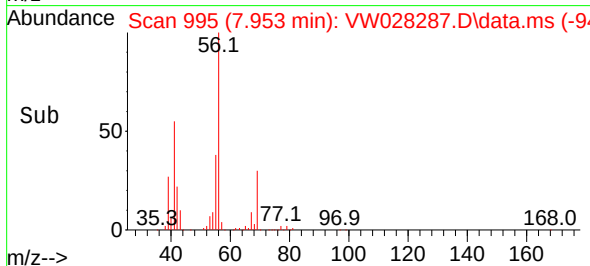
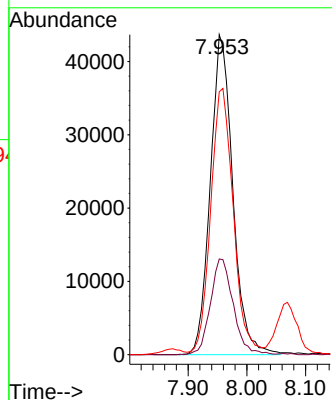
Tgt Ion: 56 Resp: 115881

Ion Ratio Lower Upper

56 100

69 29.7 24.0 36.0

84 84.0 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 21.206 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

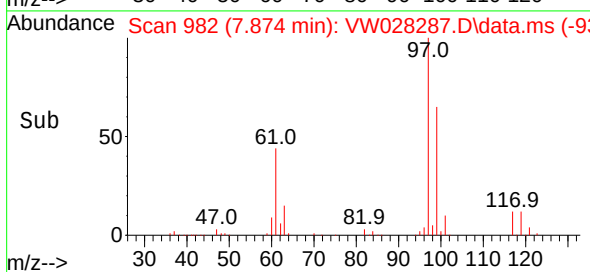
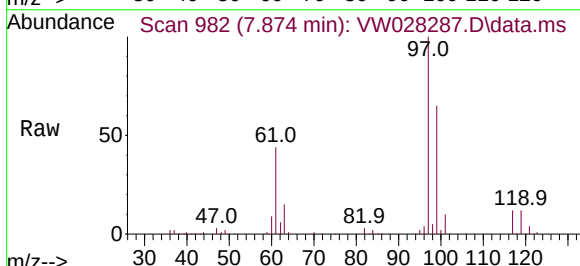
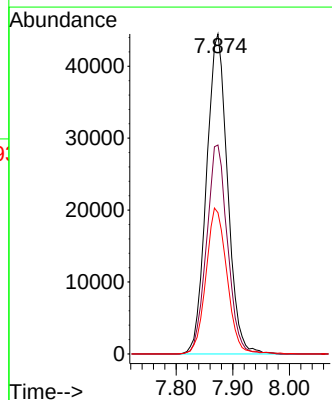
Tgt Ion: 97 Resp: 114787

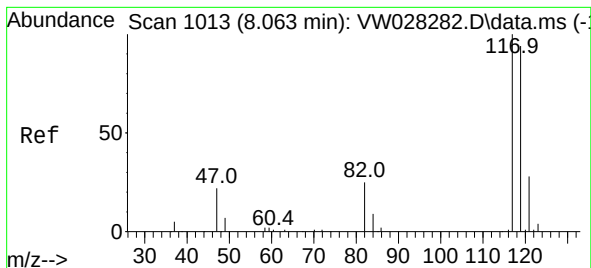
Ion Ratio Lower Upper

97 100

99 64.8 51.3 76.9

61 45.4 37.0 55.6





#31

Carbon tetrachloride

Concen: 20.658 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Instrument :

MSVOA_W

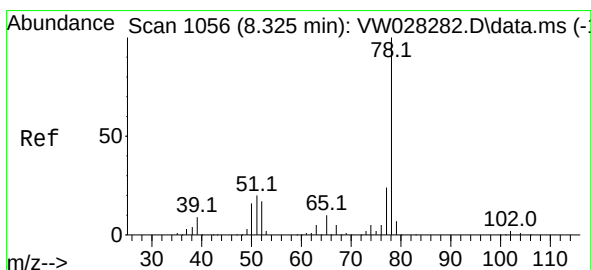
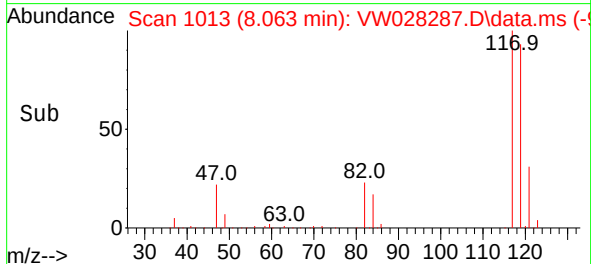
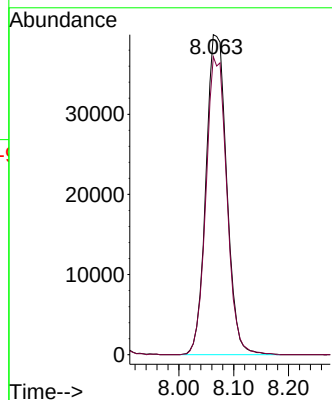
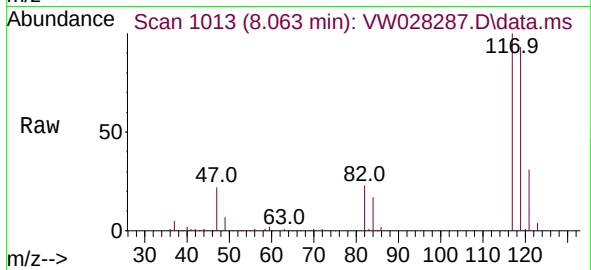
ClientSampleId :

Tgt Ion:117 Resp: 104887

Ion Ratio Lower Upper

117 100

119 93.3 78.2 117.4



#33

Benzene

Concen: 22.915 ug/L

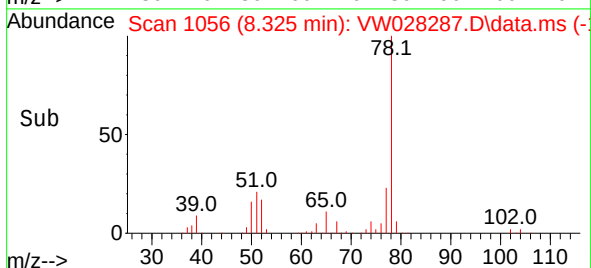
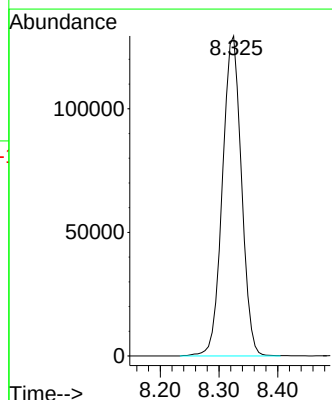
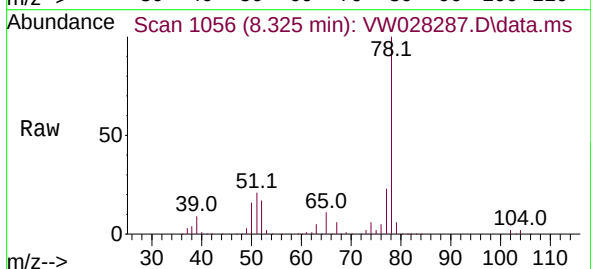
RT: 8.325 min Scan# 1056

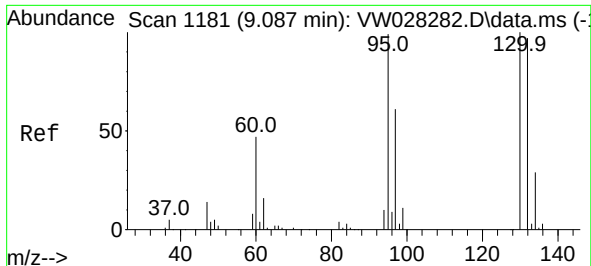
Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Tgt Ion: 78 Resp: 291173

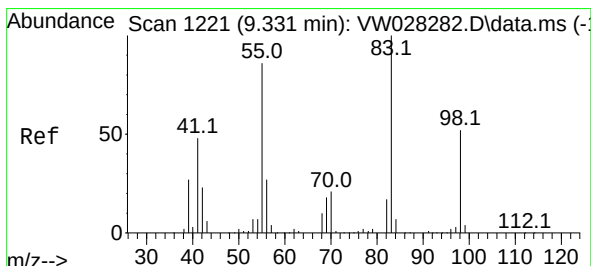
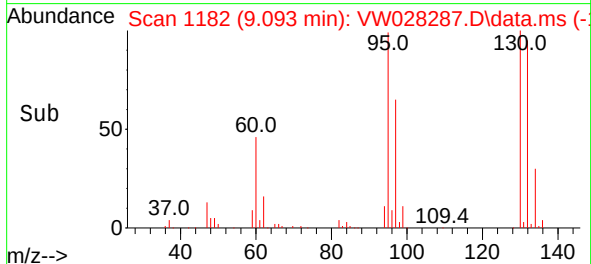
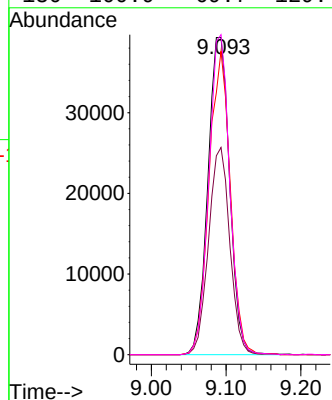
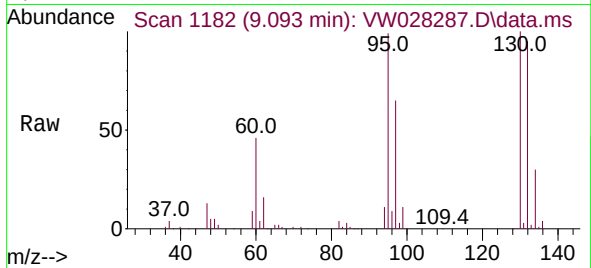




#34
Trichloroethene
Concen: 22.382 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

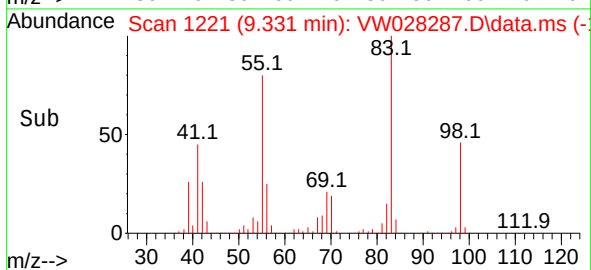
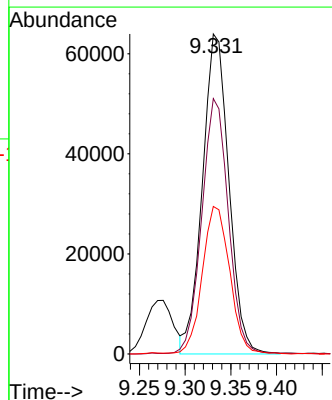
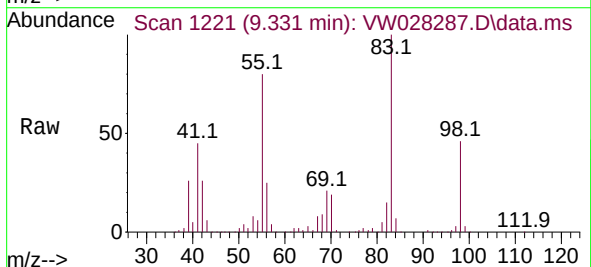
Instrument :
MSVOA_W
ClientSampleId :

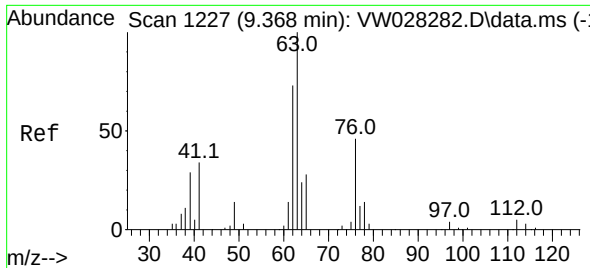
Tgt Ion: 95 Resp: 79346
Ion Ratio Lower Upper
95 100
97 65.3 42.4 78.6
132 95.7 69.4 128.8
130 100.9 69.7 129.4



#35
Methylcyclohexane
Concen: 21.466 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

Tgt Ion: 83 Resp: 128634
Ion Ratio Lower Upper
83 100
55 80.3 64.2 96.4
98 47.8 38.3 57.5





#37

1,2-Dichloropropane

Concen: 23.955 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Instrument :

MSVOA_W

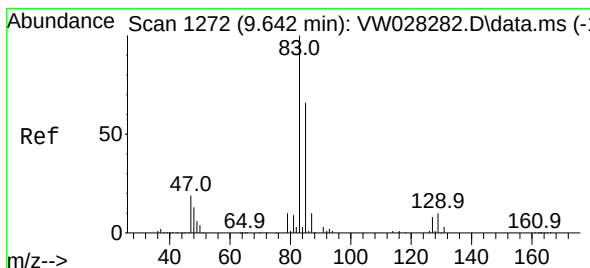
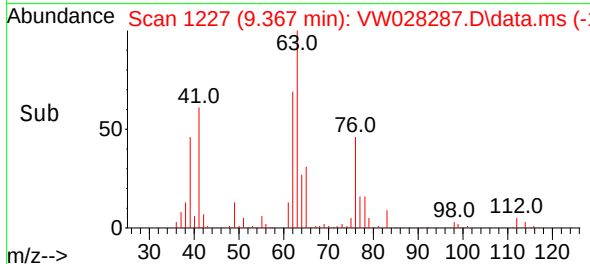
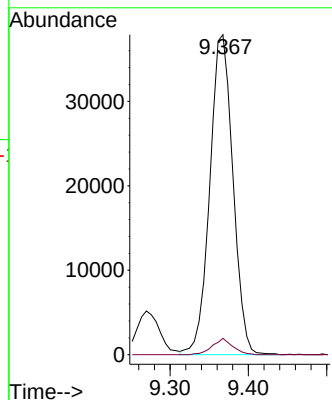
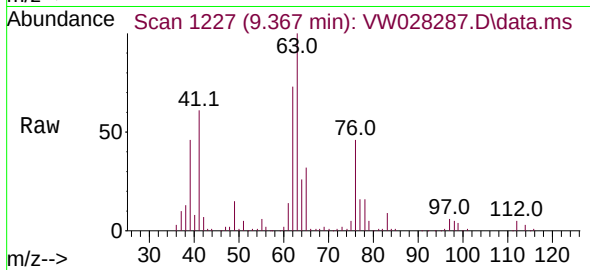
ClientSampleId :

Tgt Ion: 63 Resp: 77858

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 22.080 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

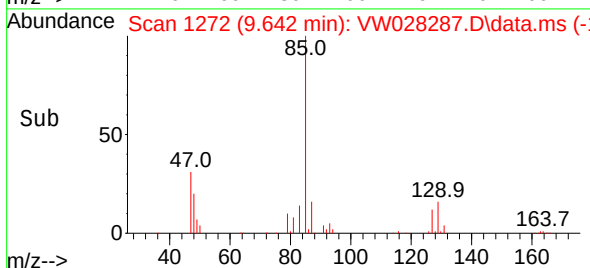
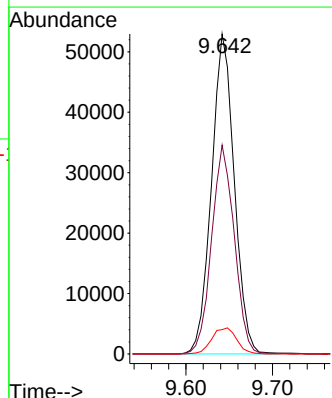
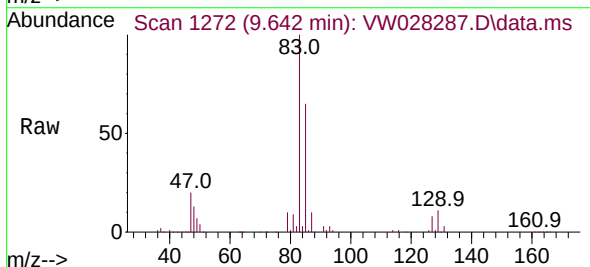
Tgt Ion: 83 Resp: 96754

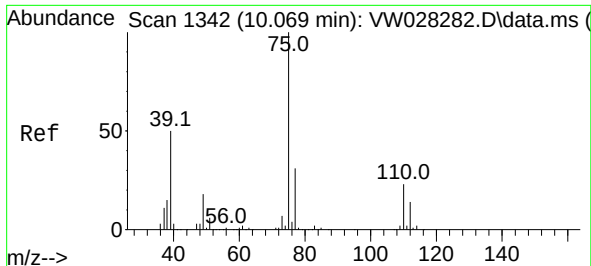
Ion Ratio Lower Upper

83 100

85 65.3 45.8 85.2

127 7.6 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 22.818 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Instrument :

MSVOA_W

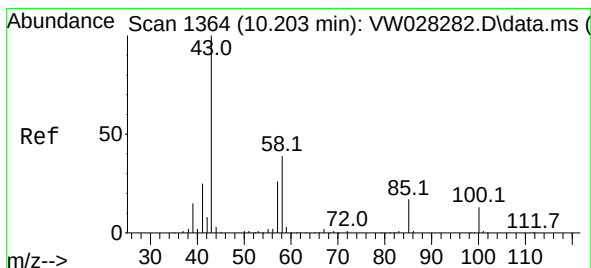
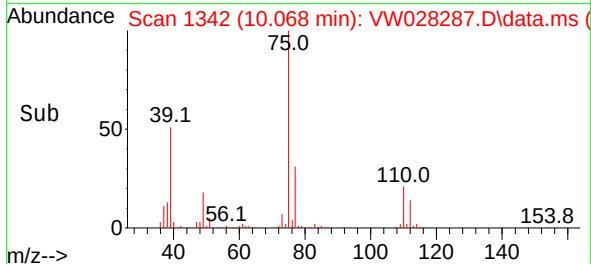
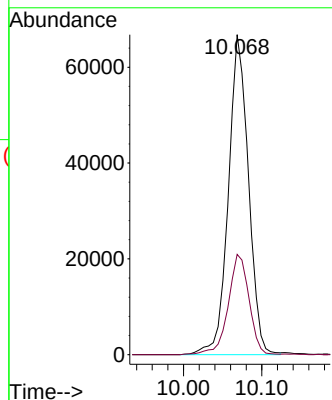
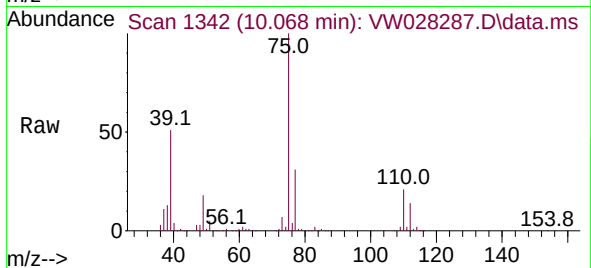
ClientSampleId :

Tgt Ion: 75 Resp: 118771

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 52.991 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

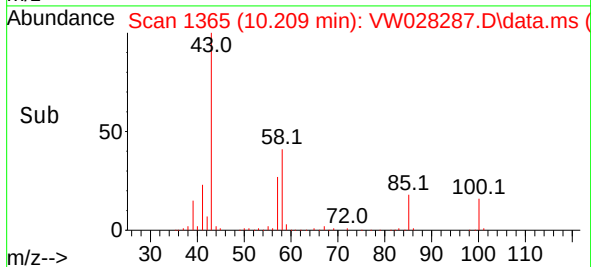
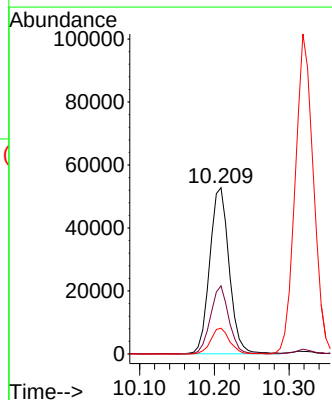
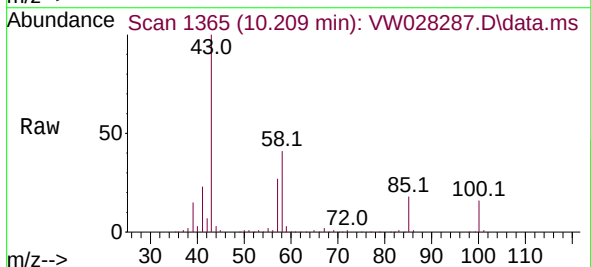
Tgt Ion: 43 Resp: 95069

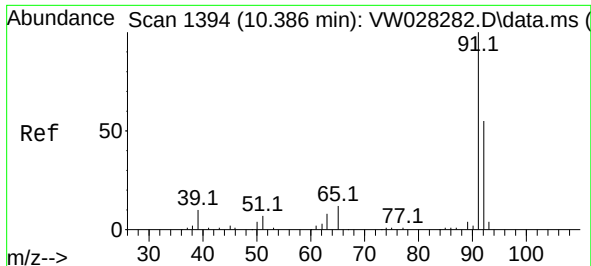
Ion Ratio Lower Upper

43 100

58 38.7 30.1 45.1

100 15.0 11.8 17.8





#42

Toluene

Concen: 23.093 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Instrument :

MSVOA_W

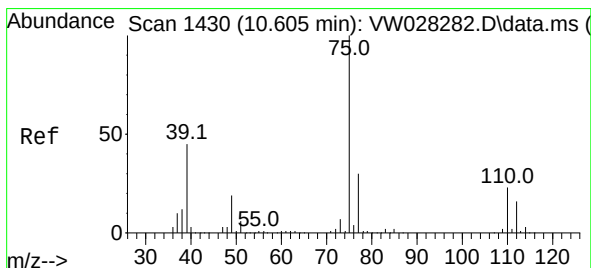
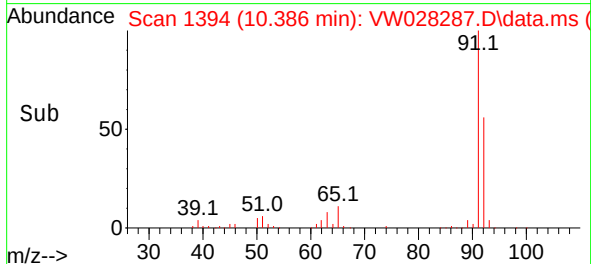
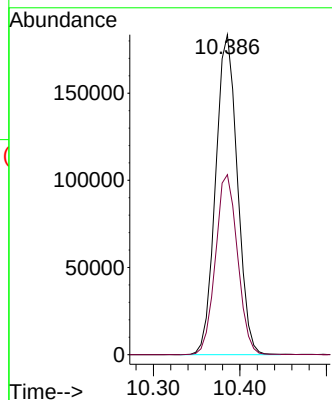
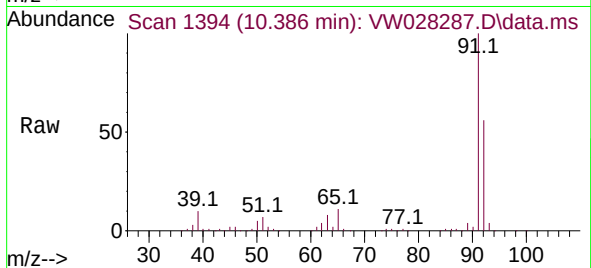
ClientSampleId :

Tgt Ion: 91 Resp: 320262

Ion Ratio Lower Upper

91 100

92 56.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 23.001 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028287.D

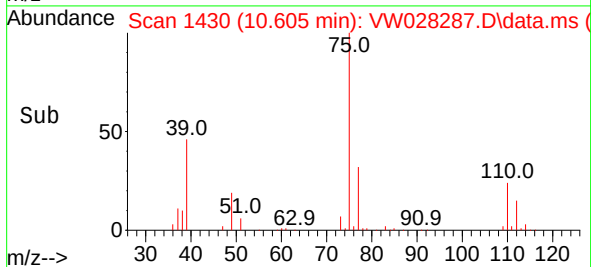
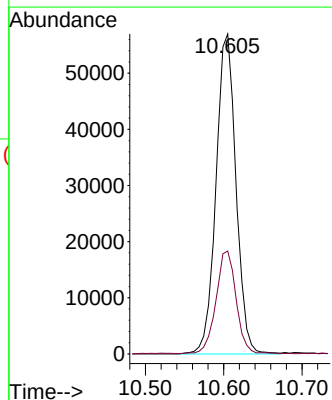
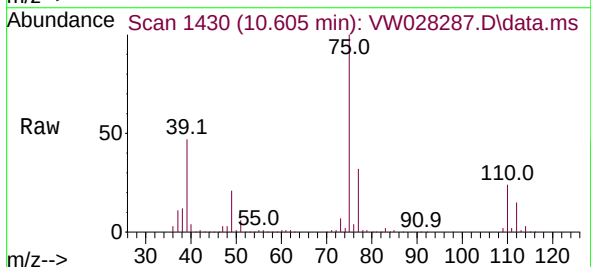
Acq: 01 Apr 2024 17:09

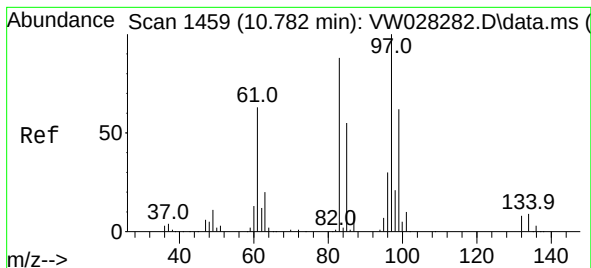
Tgt Ion: 75 Resp: 101080

Ion Ratio Lower Upper

75 100

77 32.2 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 24.008 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 56378

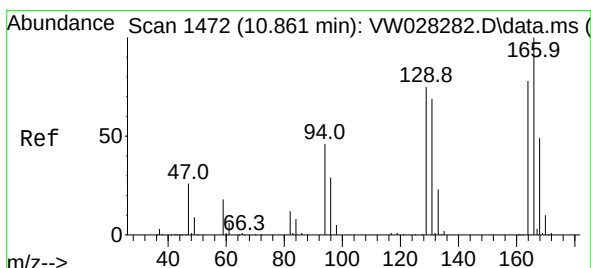
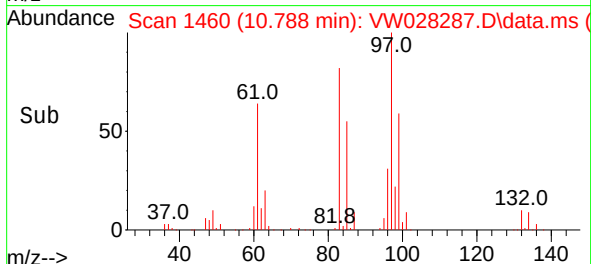
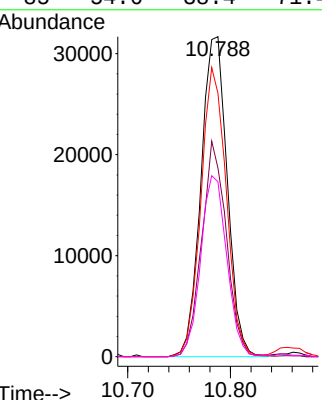
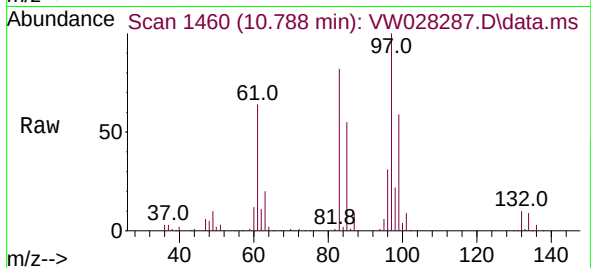
Ion Ratio Lower Upper

97 100

99 59.0 43.4 80.6

83 82.3 59.4 110.4

85 54.6 38.4 71.4



#46

Tetrachloroethene

Concen: 20.754 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Tgt Ion:164 Resp: 59308

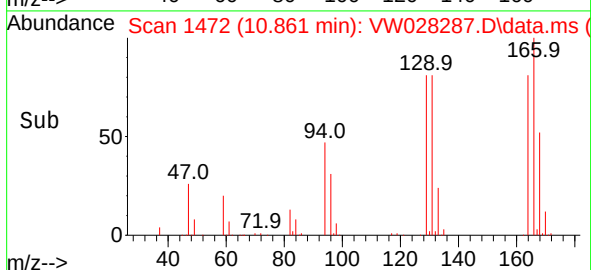
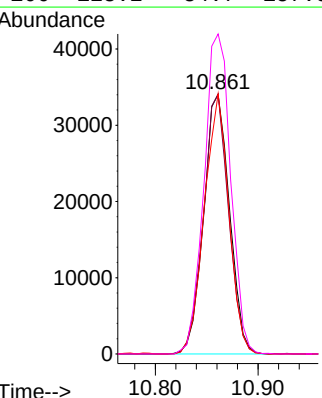
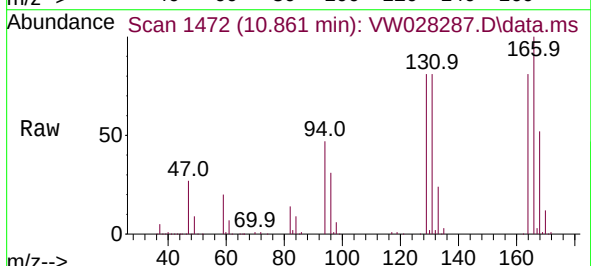
Ion Ratio Lower Upper

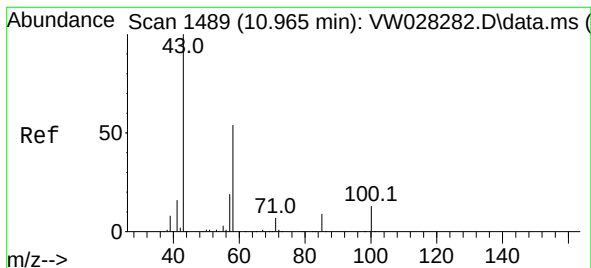
164 100

129 100.0 64.0 119.0

131 100.1 62.6 116.3

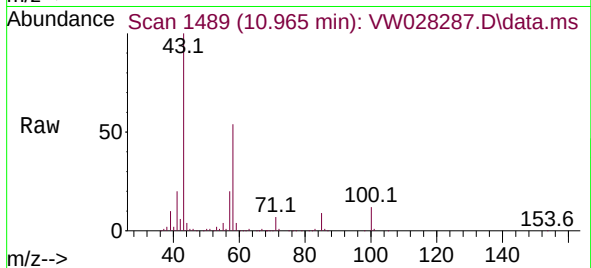
166 123.2 84.7 157.3



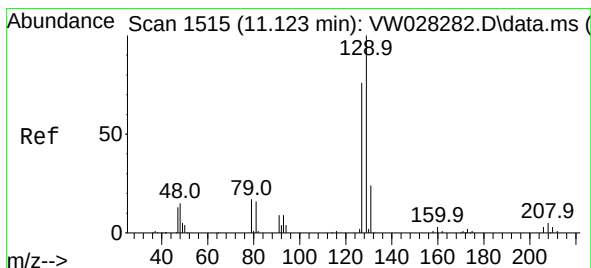
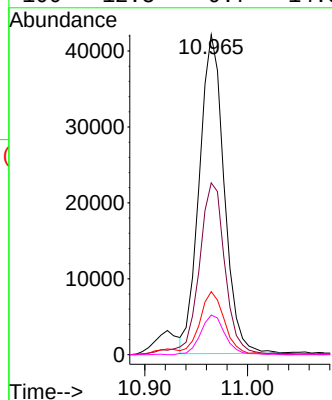
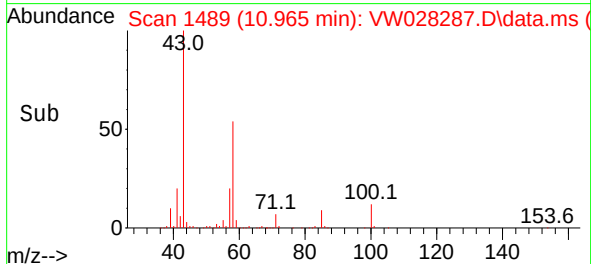


#48
2-Hexanone
Concen: 50.318 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

Instrument :
MSVOA_W
ClientSampleId :

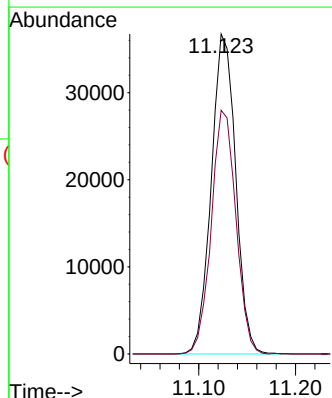
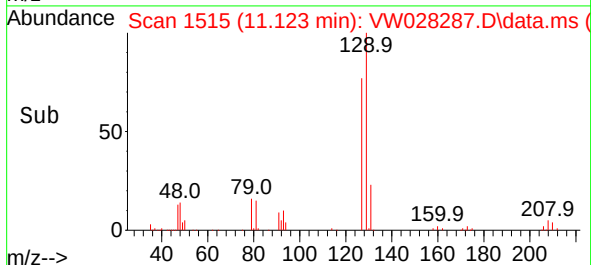
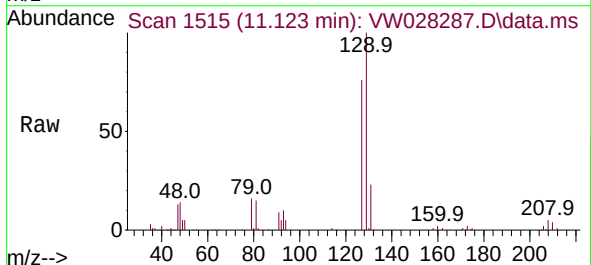


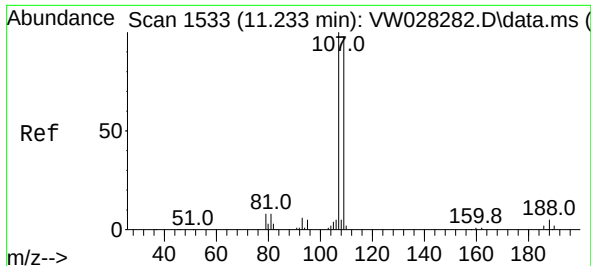
Tgt Ion: 43 Resp: 70714
Ion Ratio Lower Upper
43 100
58 56.3 40.6 61.0
57 19.5 15.7 23.5
100 12.3 9.7 14.5



#49
Dibromochloromethane
Concen: 23.154 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

Tgt Ion: 129 Resp: 64394
Ion Ratio Lower Upper
129 100
127 76.2 53.1 98.7





#50

1,2-Dibromoethane

Concen: 23.563 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

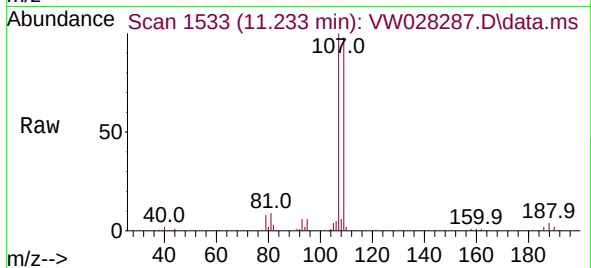
Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :



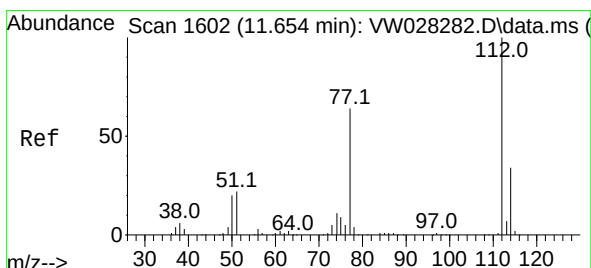
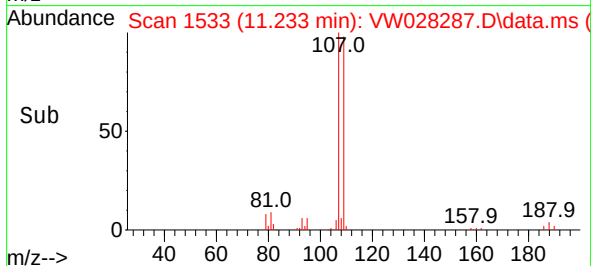
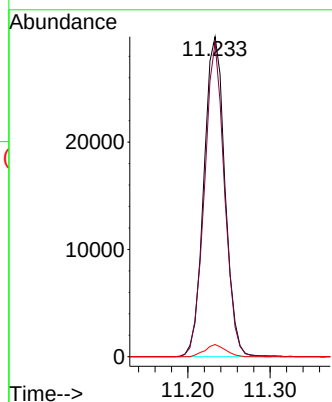
Tgt Ion:107 Resp: 52908

Ion Ratio Lower Upper

107 100

109 98.1 64.4 119.6

188 3.8 3.4 5.2



#51

Chlorobenzene

Concen: 22.446 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

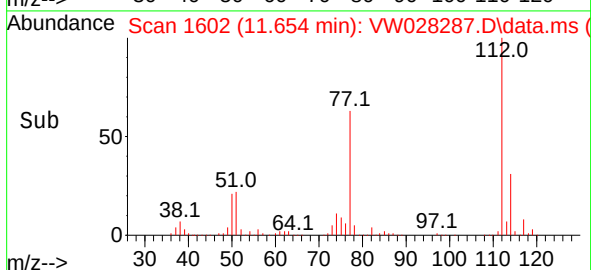
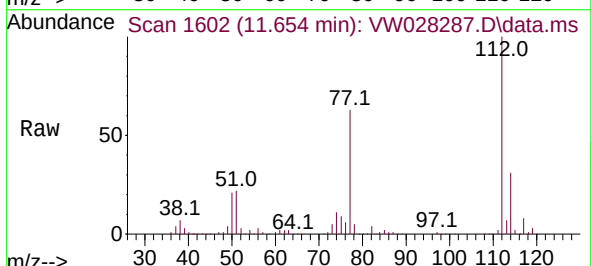
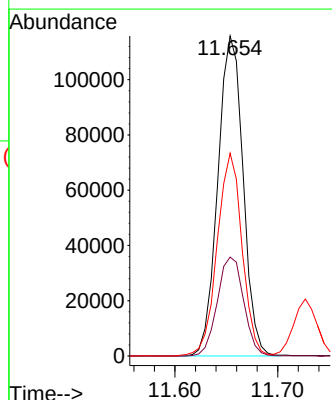
Tgt Ion:112 Resp: 197582

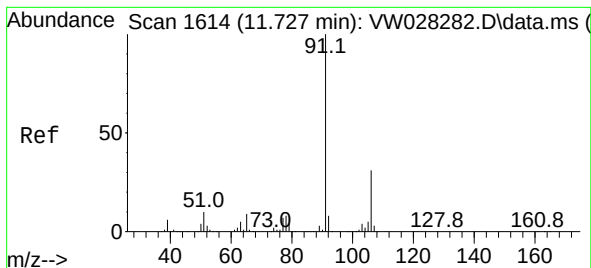
Ion Ratio Lower Upper

112 100

114 30.9 21.8 40.6

77 63.3 50.6 76.0

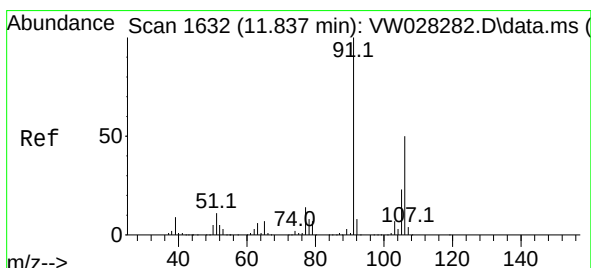
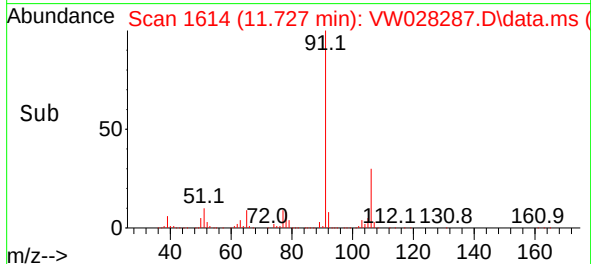
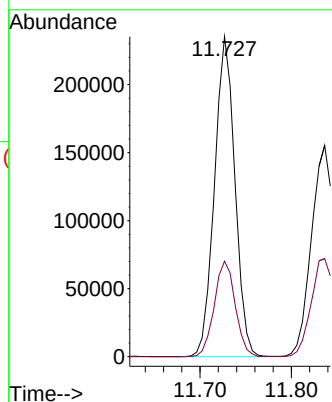
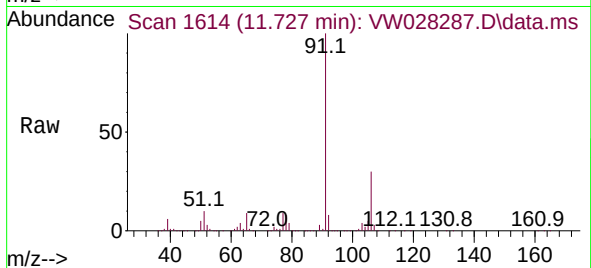




#52
Ethylbenzene
Concen: 22.555 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

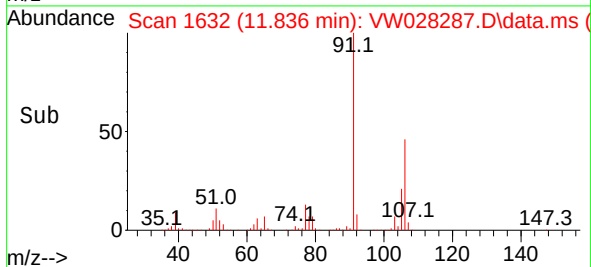
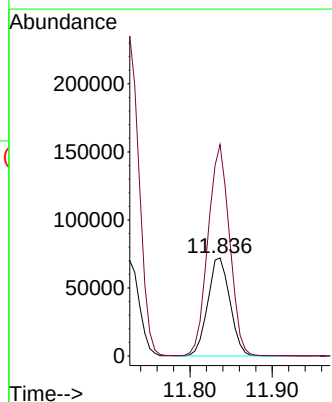
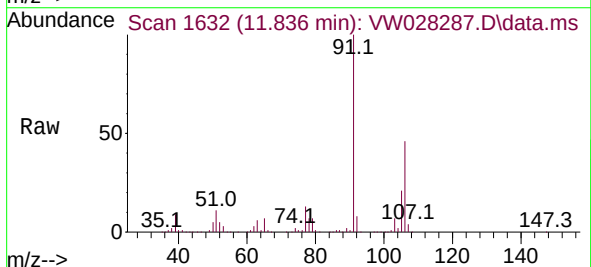
Instrument :
MSVOA_W
ClientSampleId :

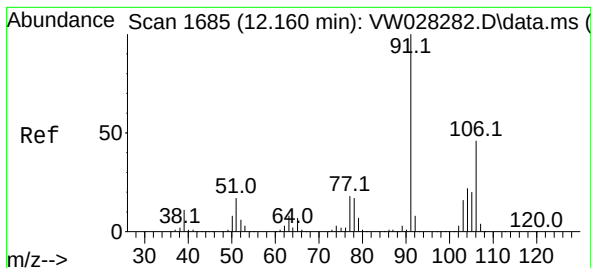
Tgt Ion: 91 Resp: 365154
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.5



#53
m,p-Xylene
Concen: 22.127 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

Tgt Ion:106 Resp: 134803
Ion Ratio Lower Upper
106 100
91 215.4 147.1 273.1





#54

o-Xylene

Concen: 23.006 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Instrument :

MSVOA_W

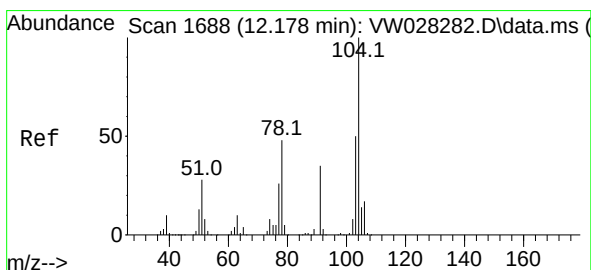
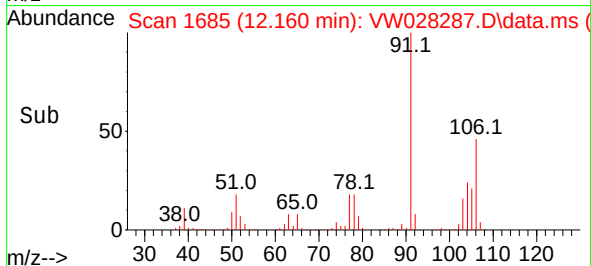
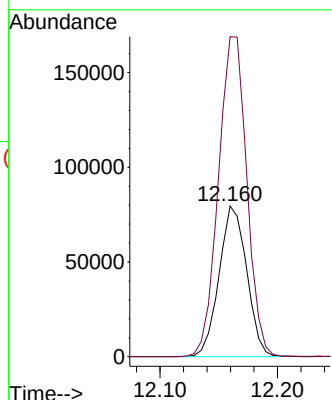
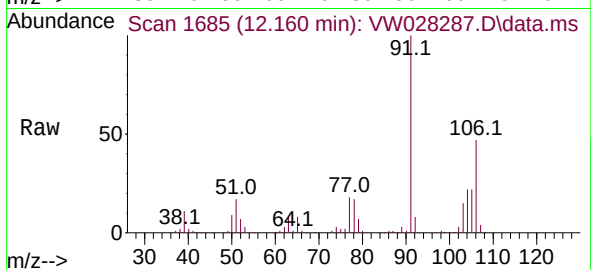
ClientSampleId :

Tgt Ion:106 Resp: 129973

Ion Ratio Lower Upper

106 100

91 212.3 149.2 277.2



#55

Styrene

Concen: 23.496 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028287.D

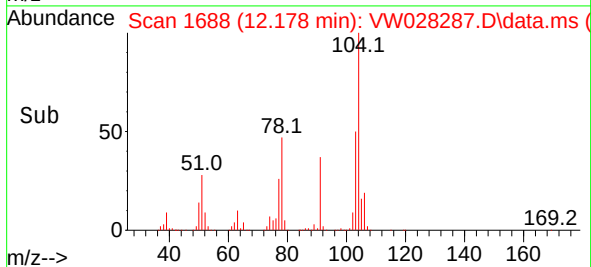
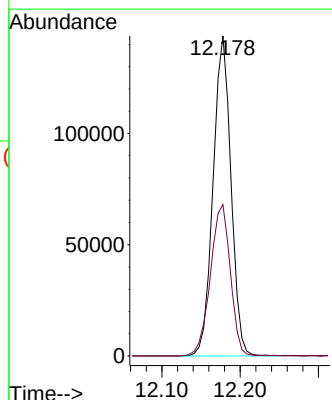
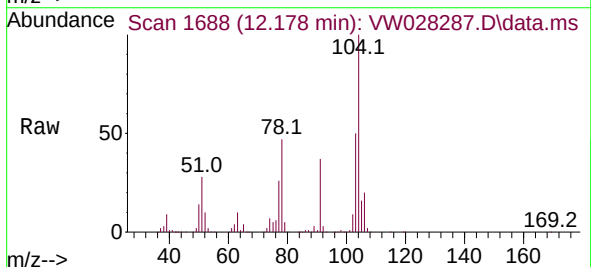
Acq: 01 Apr 2024 17:09

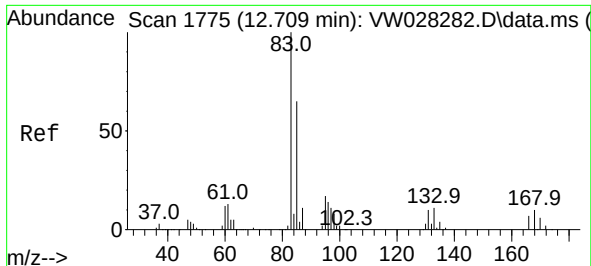
Tgt Ion:104 Resp: 228011

Ion Ratio Lower Upper

104 100

78 47.3 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 25.633 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW028287.D

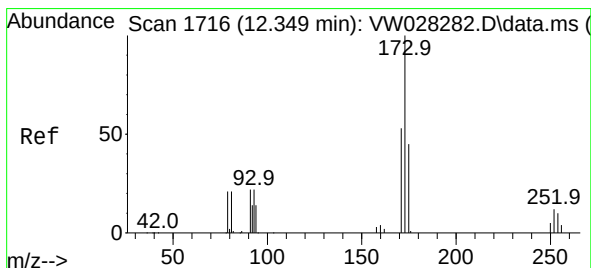
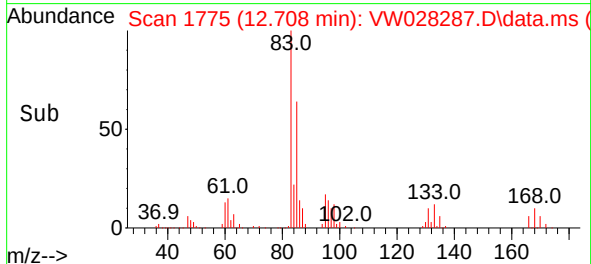
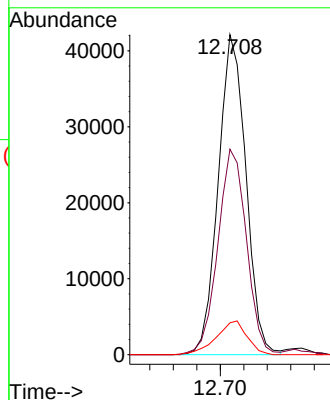
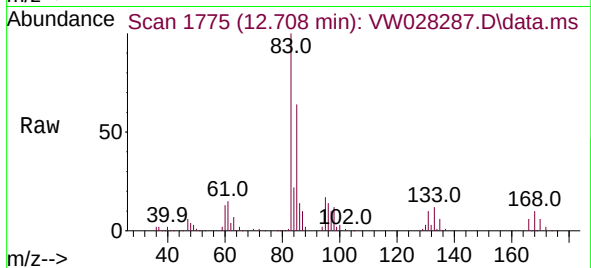
Acq: 01 Apr 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	68850
Ion Ratio	Lower	Upper	
83	100		
85	64.2	47.0	87.2
131	10.0	8.9	13.3



#59

Bromoform

Concen: 24.430 ug/L

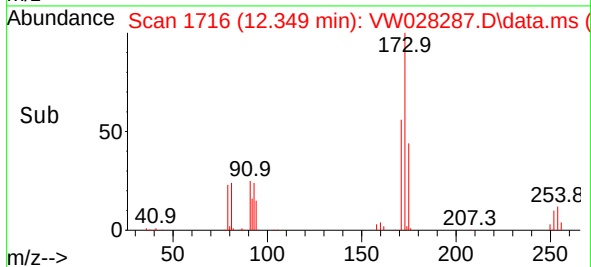
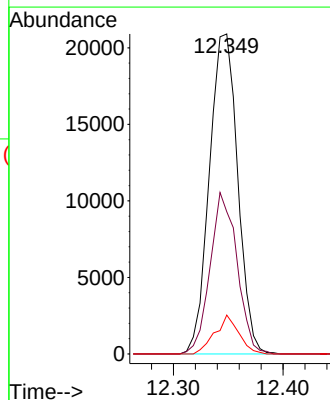
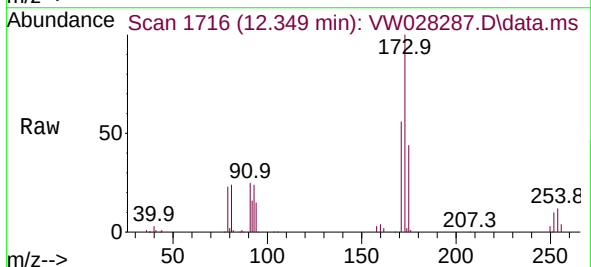
RT: 12.349 min Scan# 1716

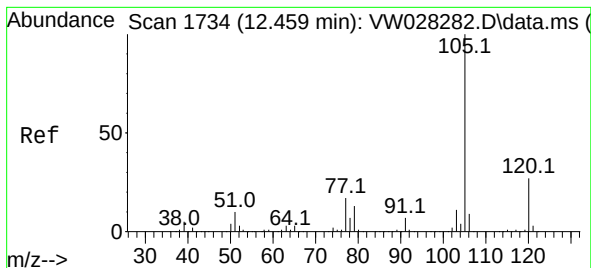
Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Tgt Ion:	173	Resp:	37594
Ion Ratio	Lower	Upper	
173	100		
175	47.9	39.8	59.6
254	10.2	8.5	12.7





#60

Isopropylbenzene

Concen: 24.471 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :

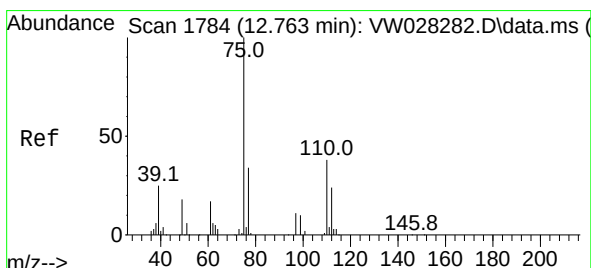
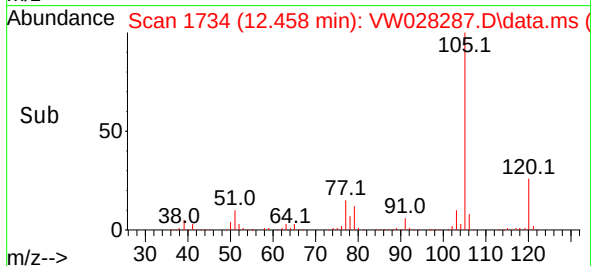
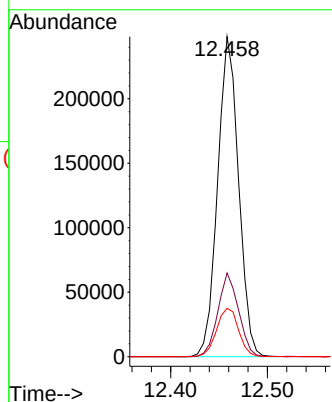
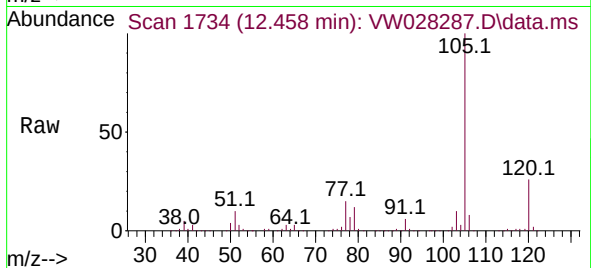
Tgt Ion:105 Resp: 373376

Ion Ratio Lower Upper

105 100

120 25.7 21.0 31.6

77 15.9 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 26.035 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

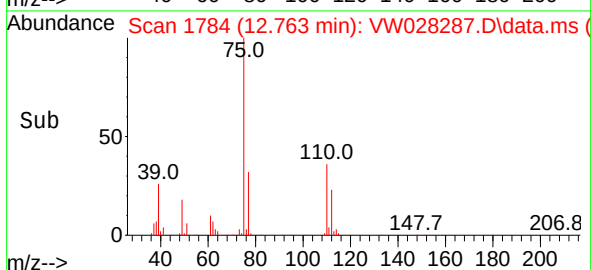
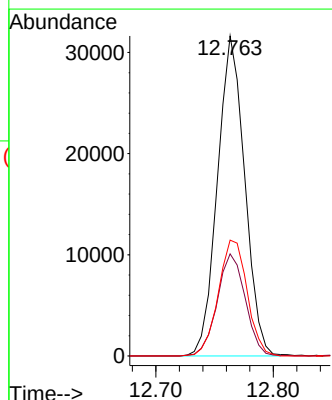
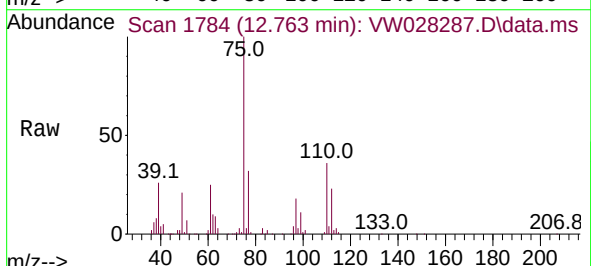
Tgt Ion: 75 Resp: 51027

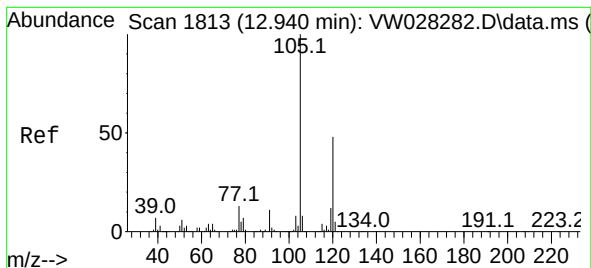
Ion Ratio Lower Upper

75 100

77 32.8 26.0 39.0

110 38.3 32.2 48.2

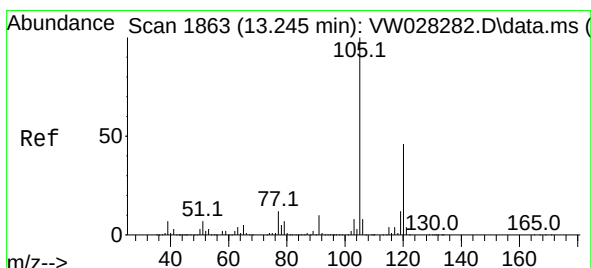
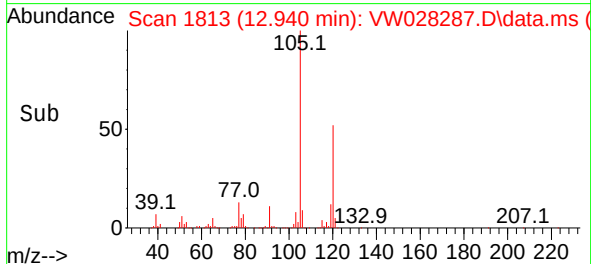
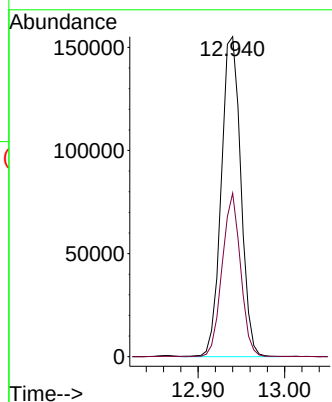
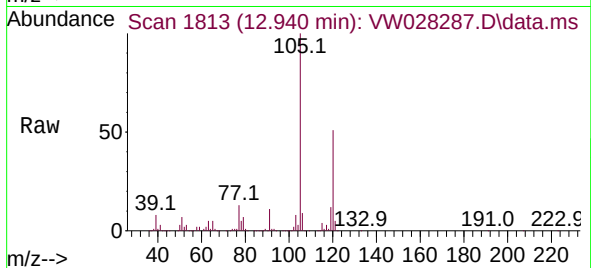




#62
1,3,5-Trimethylbenzene
Concen: 23.763 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

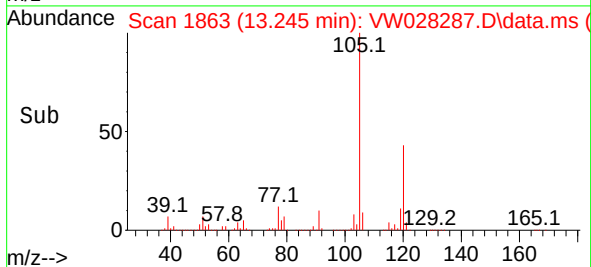
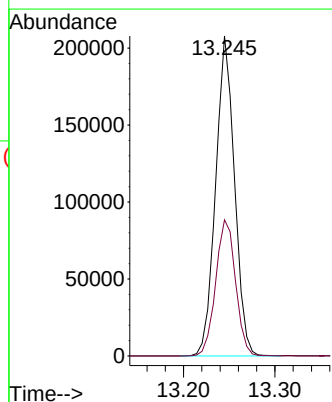
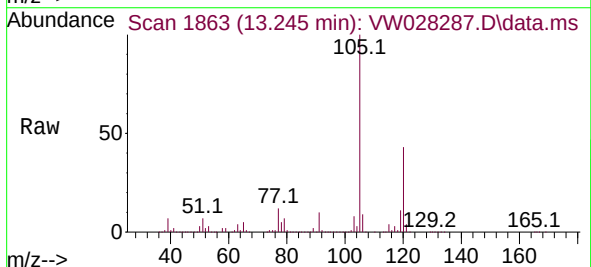
Instrument :
MSVOA_W
ClientSampleId :

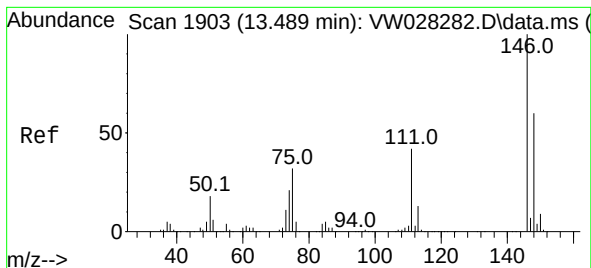
Tgt Ion:105 Resp: 243276
Ion Ratio Lower Upper
105 100
120 47.9 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 24.085 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

Tgt Ion:105 Resp: 297744
Ion Ratio Lower Upper
105 100
120 44.8 35.6 53.4

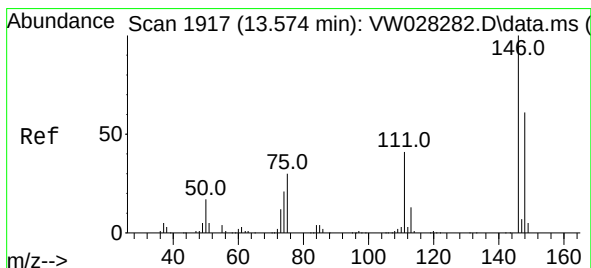
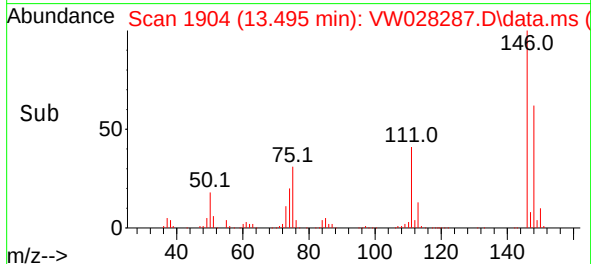
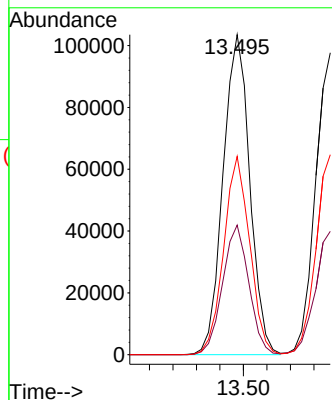
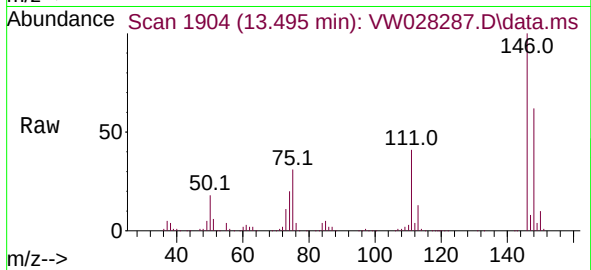




#64
1,3-Dichlorobenzene
Concen: 24.028 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

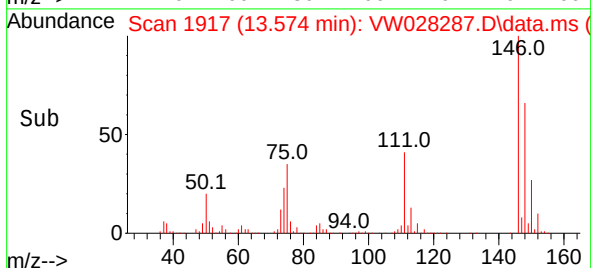
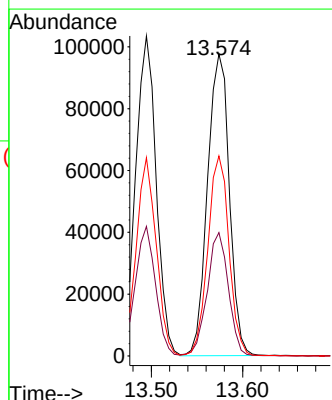
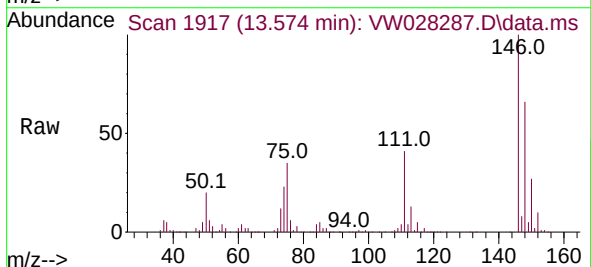
Instrument :
MSVOA_W
ClientSampleId :

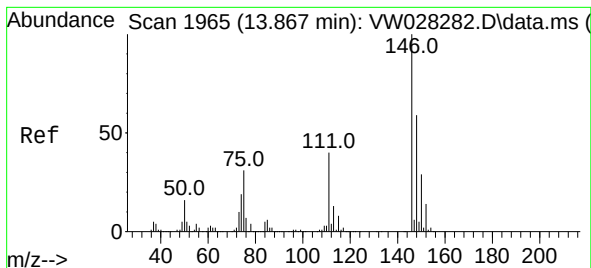
Tgt Ion:146 Resp: 163559
Ion Ratio Lower Upper
146 100
111 40.5 28.5 52.9
148 61.9 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 23.738 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028287.D
Acq: 01 Apr 2024 17:09

Tgt Ion:146 Resp: 161578
Ion Ratio Lower Upper
146 100
111 40.9 28.8 53.6
148 66.3 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 24.663 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :

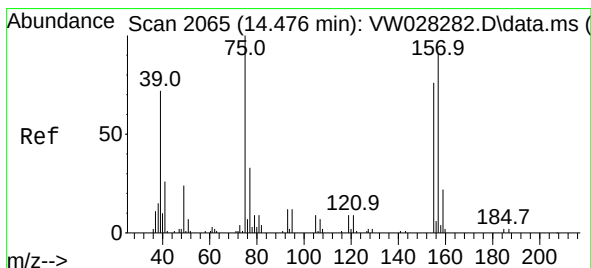
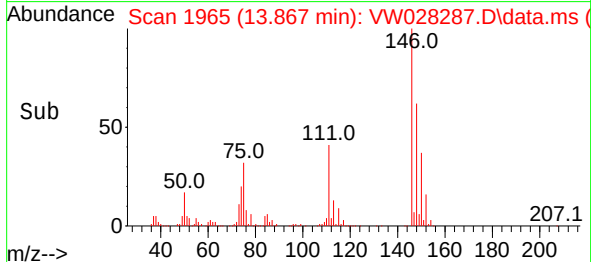
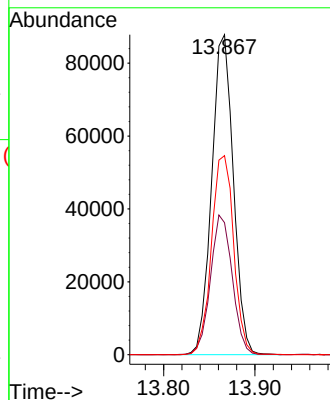
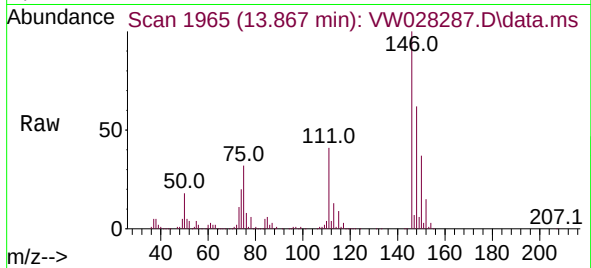
Tgt Ion:146 Resp: 144571

Ion Ratio Lower Upper

146 100

111 41.2 34.2 51.2

148 62.2 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 25.106 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

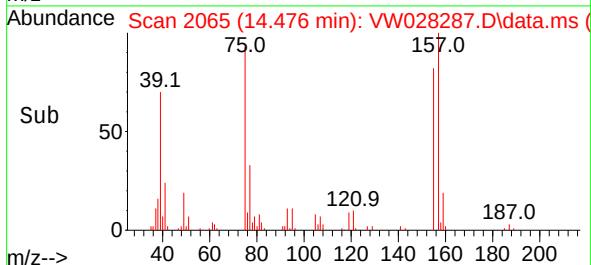
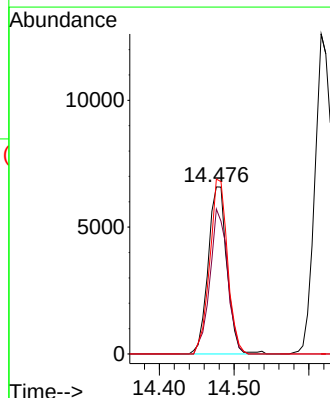
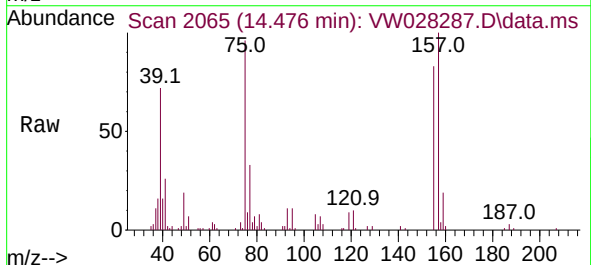
Tgt Ion: 75 Resp: 11559

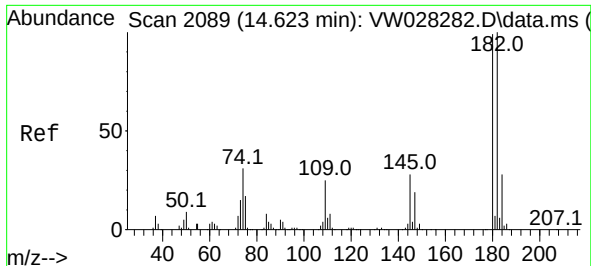
Ion Ratio Lower Upper

75 100

155 86.8 61.1 91.7

157 104.6 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 23.273 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

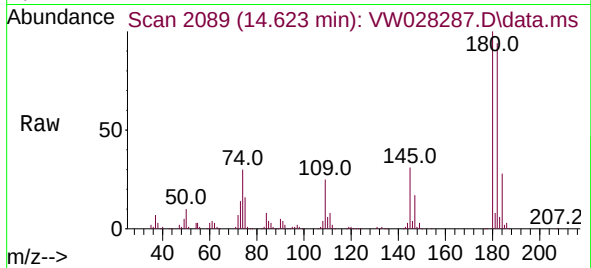
Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 110351

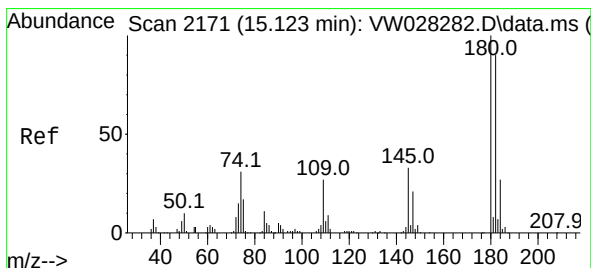
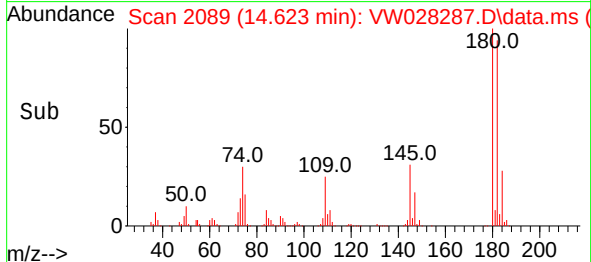
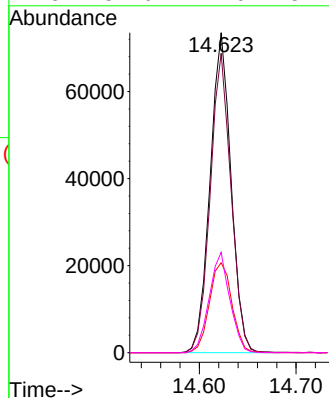
Ion Ratio Lower Upper

180 100

182 92.8 76.6 114.8

184 30.3 23.5 35.3

145 31.0 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 23.807 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

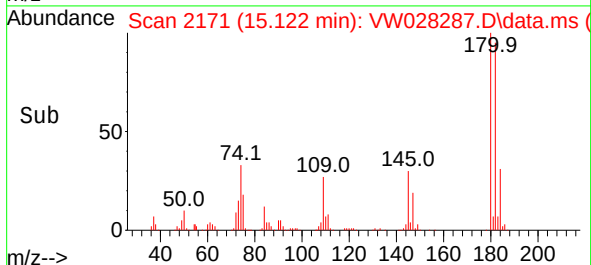
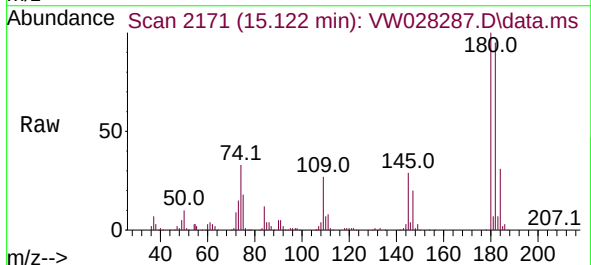
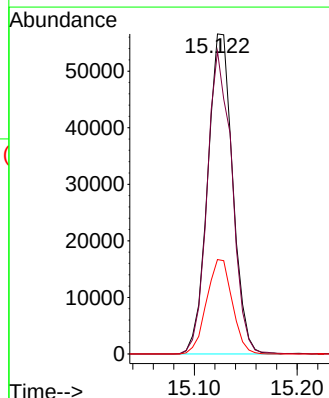
Tgt Ion:180 Resp: 95896

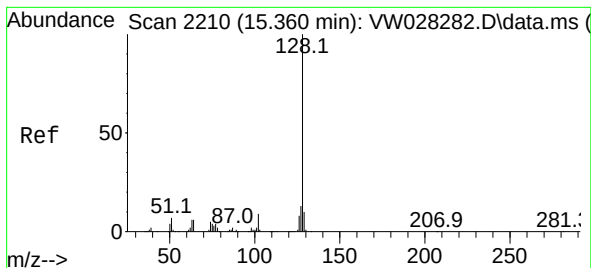
Ion Ratio Lower Upper

180 100

182 93.4 73.8 110.8

145 30.1 25.0 37.6





#71

Naphthalene

Concen: 26.941 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

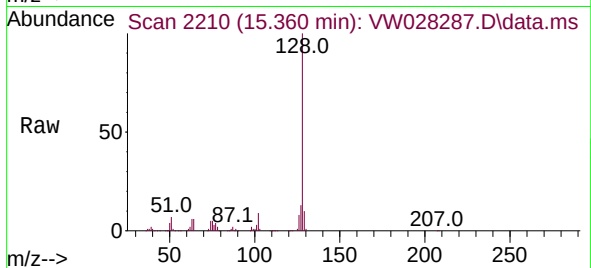
Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :



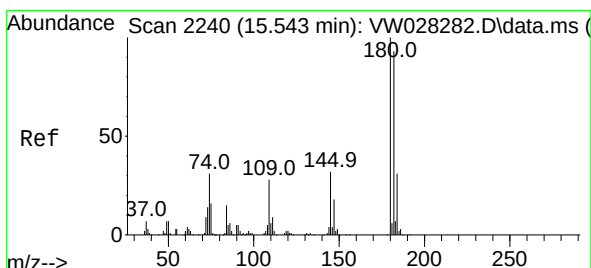
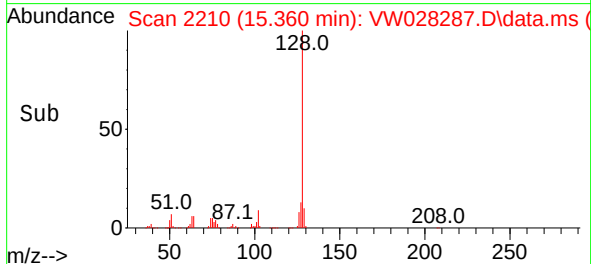
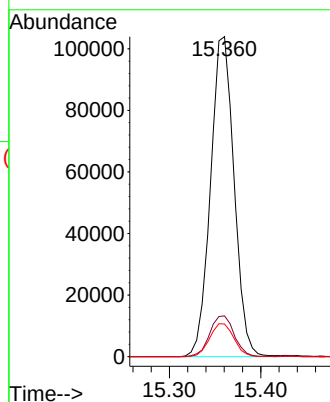
Tgt Ion:128 Resp: 186268

Ion Ratio Lower Upper

128 100

127 13.3 10.9 16.3

129 10.6 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 25.670 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028287.D

Acq: 01 Apr 2024 17:09

Tgt Ion:180 Resp: 85242

Ion Ratio Lower Upper

180 100

182 93.7 76.0 114.0

145 32.4 27.1 40.7

