

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050824\
 Data File : VW028596.D
 Acq On : 08 May 2024 12:24
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 09 00:54:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 09 00:53:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	300571	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	275744	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	136108	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	127502	22.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.360%
7) Chloroethane-d5	2.899	69	104660	23.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	4.027	65	55845	23.419	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.680%
21) 2-Butanone-d5	7.081	46	71697	48.148	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.300%
24) Chloroform-d	7.654	84	240459	25.603	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	8.307	65	137676	25.605	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.440%
32) Benzene-d6	8.276	84	466323	25.347	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	9.276	67	142572	25.754	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.000%
41) Toluene-d8	10.325	98	423079	25.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.880%
43) trans-1,3-Dichloroprop...	10.575	79	57388	25.769	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.080%
47) 2-Hexanone-d5	10.922	63	51956	54.415	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	118720	25.574	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.280%
66) 1,2-Dichlorobenzene-d4	13.855	152	131330	25.316	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.280%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.021	85	101493	23.236	ug/L	98
3) Chloromethane	2.229	50	126640	23.403	ug/L	100
5) Vinyl chloride	2.381	62	139271	22.861	ug/L	97
6) Bromomethane	2.796	94	84375	23.942	ug/L	99
8) Chloroethane	2.936	64	86819	24.988	ug/L	97
9) Trichlorofluoromethane	3.271	101	113608	22.714	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	105046	22.780	ug/L #	78
12) 1,1-Dichloroethene	4.051	96	96268	23.272	ug/L	95
13) Acetone	4.125	43	58089	42.881	ug/L	99
14) Carbon disulfide	4.399	76	320864	22.951	ug/L	98
15) Methyl Acetate	4.673	43	54159	22.980	ug/L	99
16) Methylene chloride	4.923	84	106358	22.880	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	101285	23.518	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	161213	25.366	ug/L	100
19) 1,1-Dichloroethane	6.222	63	207281	24.271	ug/L	98
20) cis-1,2-Dichloroethene	7.179	96	112380	24.933	ug/L	93
22) 2-Butanone	7.173	43	76236	43.845	ug/L	97
23) Bromochloromethane	7.514	128	48464	24.650	ug/L	97
25) Chloroform	7.679	83	206454	24.994	ug/L	98

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 Response via : Initial Calibration

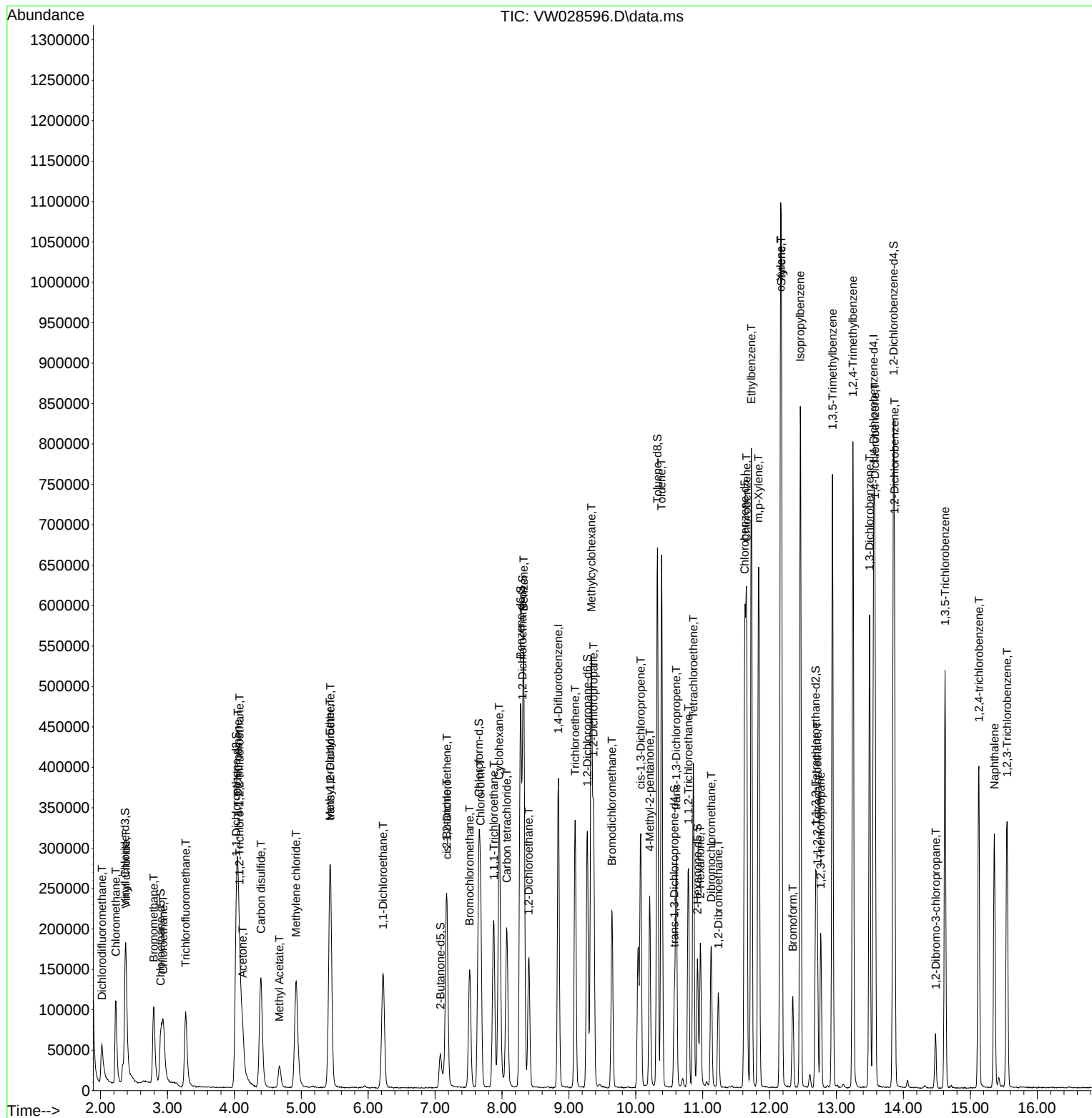
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	149701	24.931	ug/L	98
29) Cyclohexane	7.959	56	186571	23.730	ug/L	99
30) 1,1,1-Trichloroethane	7.880	97	164171	23.759	ug/L	99
31) Carbon tetrachloride	8.069	117	146746	23.292	ug/L	99
33) Benzene	8.325	78	440052	24.610	ug/L	100
34) Trichloroethene	9.093	95	114894	23.966	ug/L	94
35) Methylcyclohexane	9.337	83	196489	23.453	ug/L	99
37) 1,2-Dichloropropane	9.368	63	117339	25.184	ug/L	100
38) Bromodichloromethane	9.642	83	144267	25.401	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	174189	26.084	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	157133	49.552	ug/L	100
42) Toluene	10.386	91	461478	24.988	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	146356	25.993	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	83086	24.616	ug/L	98
46) Tetrachloroethene	10.861	164	84155	24.364	ug/L	98
48) 2-Hexanone	10.965	43	112786	50.379	ug/L	99
49) Dibromochloromethane	11.129	129	85667	25.304	ug/L	97
50) 1,2-Dibromoethane	11.233	107	76803	24.292	ug/L #	100
51) Chlorobenzene	11.654	112	283966	24.857	ug/L	96
52) Ethylbenzene	11.727	91	530682	25.392	ug/L	97
53) m,p-Xylene	11.837	106	199281	26.012	ug/L	92
54) o-Xylene	12.166	106	182846	25.799	ug/L	97
55) Styrene	12.178	104	318036	26.483	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	102553	24.218	ug/L	96
59) Bromoform	12.349	173	47364	23.853	ug/L	98
60) Isopropylbenzene	12.459	105	518293	25.099	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	75609	22.986	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	383314	26.236	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	410980	26.107	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	214159	24.930	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	218638	24.895	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	193648	25.186	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	16574	21.550	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	140262	24.333	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	110893	23.809	ug/L	98
71) Naphthalene	15.360	128	248886	25.081	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	101642	24.184	ug/L	99

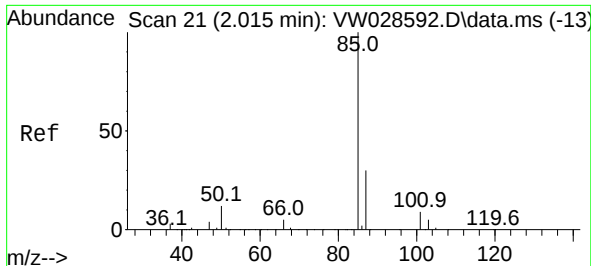
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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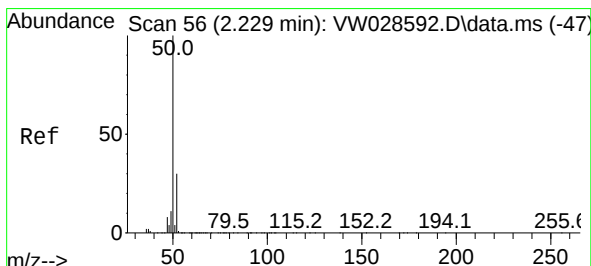
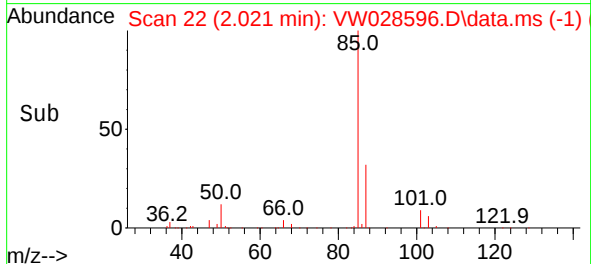
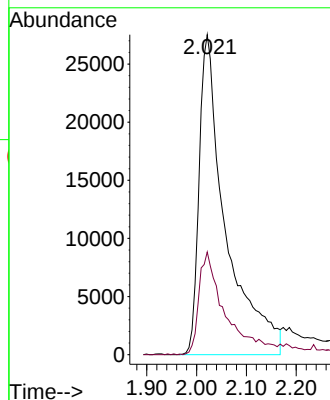
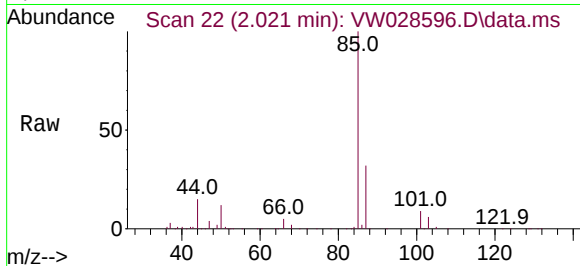




#2
Dichlorodifluoromethane
Concen: 23.236 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW028596.D
Acq: 08 May 2024 12:24

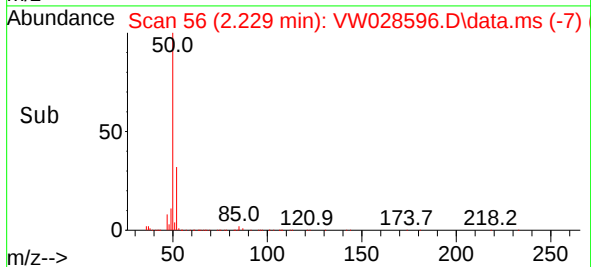
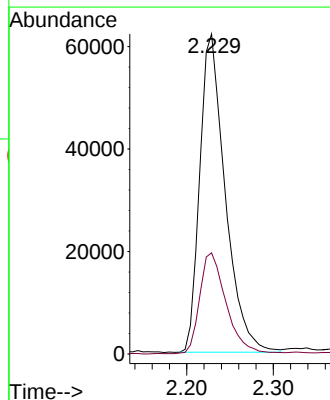
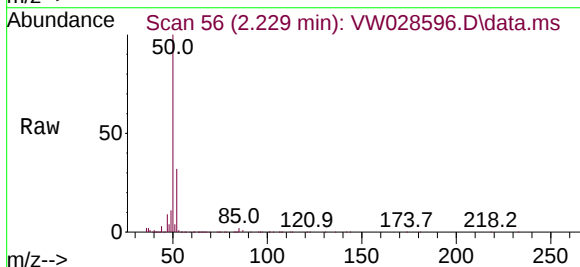
Instrument :
MSVOA_W
ClientSampleId :

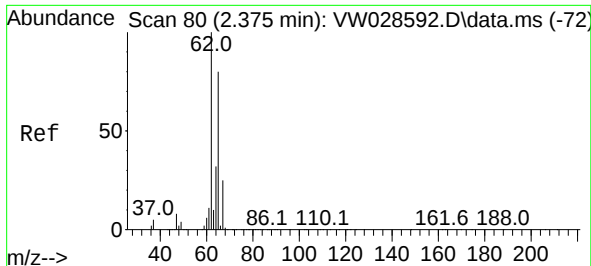
Tgt Ion: 85 Resp: 101493
Ion Ratio Lower Upper
85 100
87 28.3 21.9 32.9



#3
Chloromethane
Concen: 23.403 ug/L
RT: 2.229 min Scan# 56
Delta R.T. -0.000 min
Lab File: VW028596.D
Acq: 08 May 2024 12:24

Tgt Ion: 50 Resp: 126640
Ion Ratio Lower Upper
50 100
52 31.6 22.0 41.0

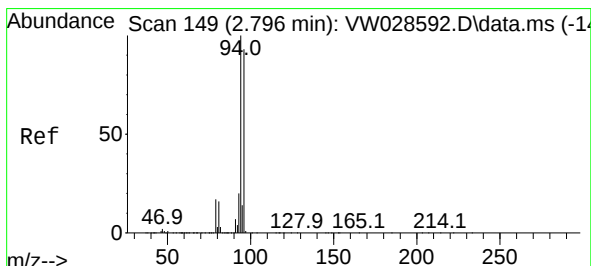
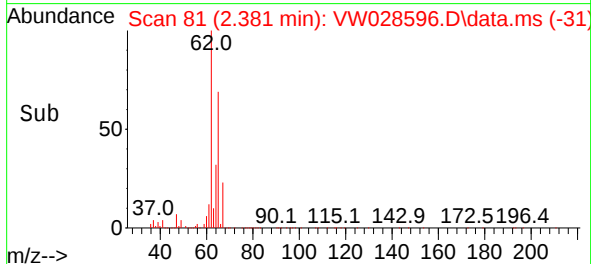
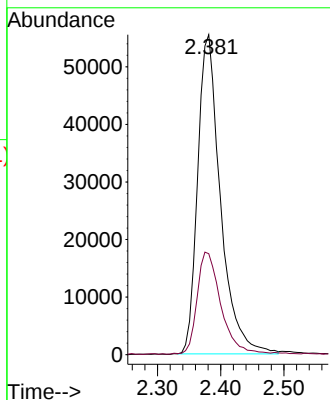
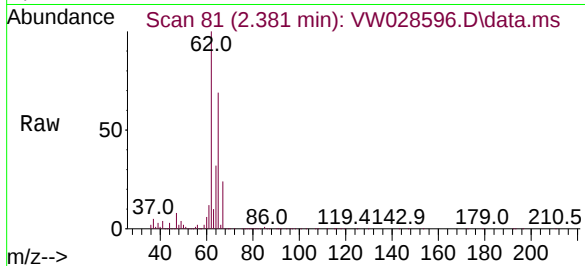




#5
 Vinyl chloride
 Concen: 22.861 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW028596.D
 Acq: 08 May 2024 12:24

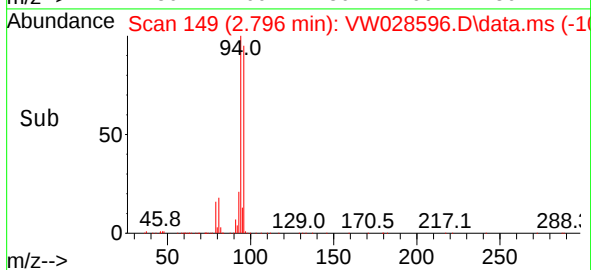
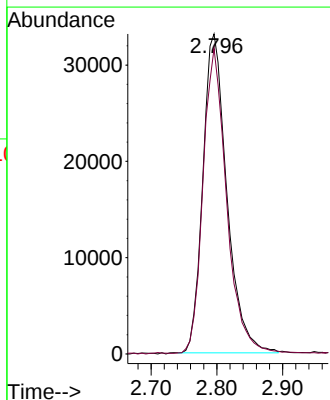
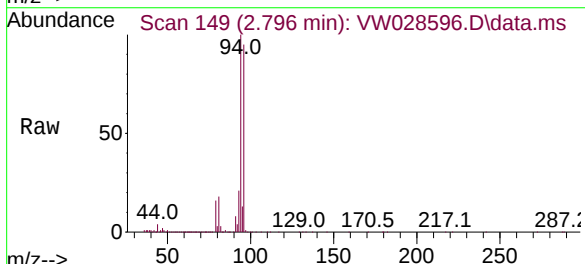
Instrument :
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 ClientSampleId :

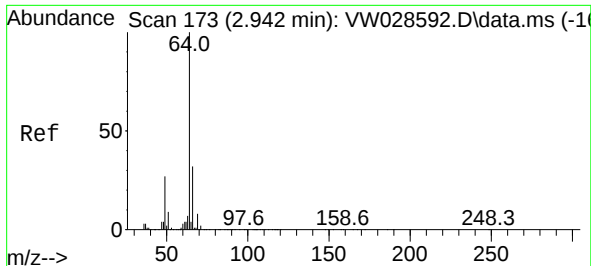
Tgt Ion: 62 Resp: 139271
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.3 43.3



#6
 Bromomethane
 Concen: 23.942 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW028596.D
 Acq: 08 May 2024 12:24

Tgt Ion: 94 Resp: 84375
 Ion Ratio Lower Upper
 94 100
 96 95.5 66.3 123.1

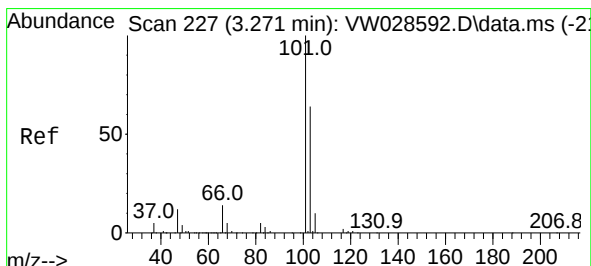
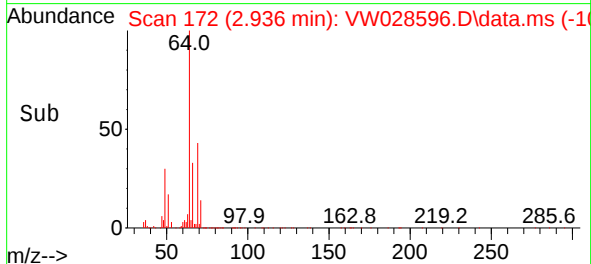
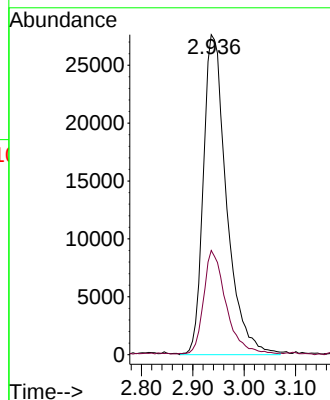
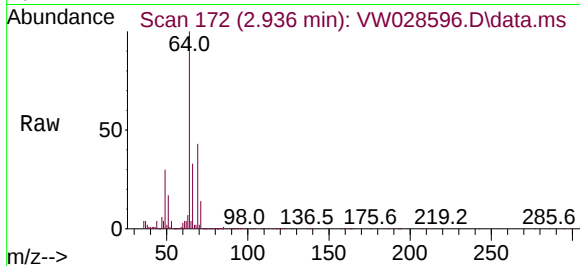




#8
Chloroethane
Concen: 24.988 ug/L
RT: 2.936 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW028596.D
Acq: 08 May 2024 12:24

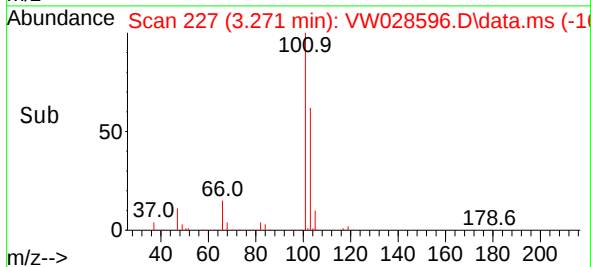
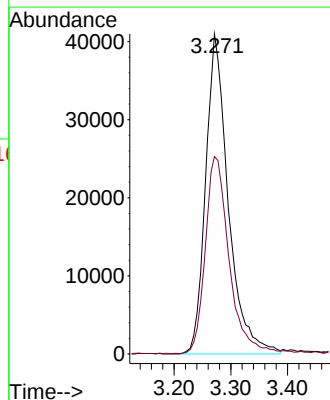
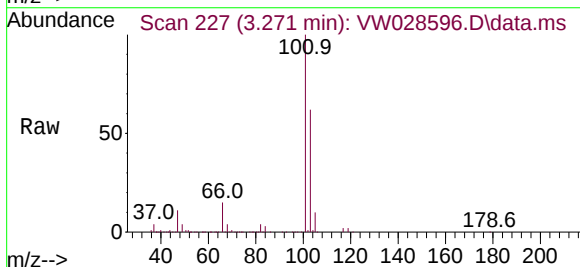
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MSVOA_W
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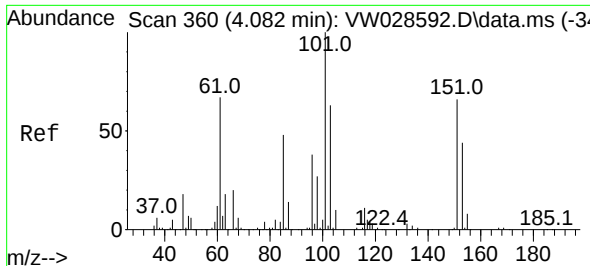
Tgt Ion: 64 Resp: 86819
Ion Ratio Lower Upper
64 100
66 32.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.714 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028596.D
Acq: 08 May 2024 12:24

Tgt Ion:101 Resp: 113608
Ion Ratio Lower Upper
101 100
103 64.3 50.4 75.6





#10

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

Concen: 22.780 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

ClientSampleId :

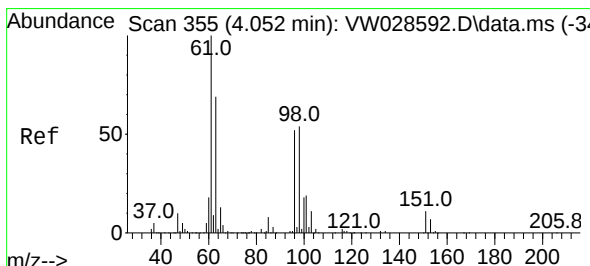
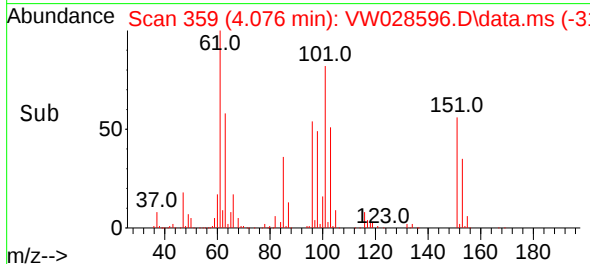
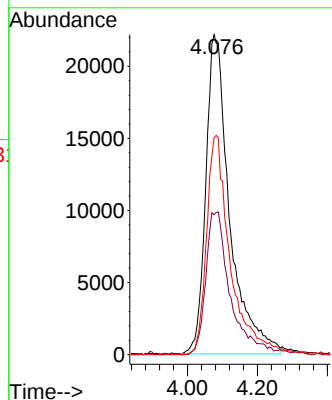
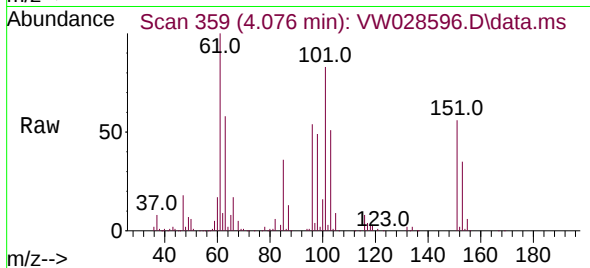
Tgt Ion:101 Resp: 105046

Ion Ratio Lower Upper

101 100

85 17.1 35.8 53.8#

151 68.0 49.6 74.4



#12

1,1-Dichloroethene

Concen: 23.272 ug/L

RT: 4.051 min Scan# 355

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

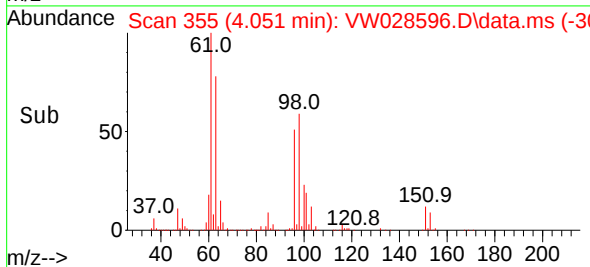
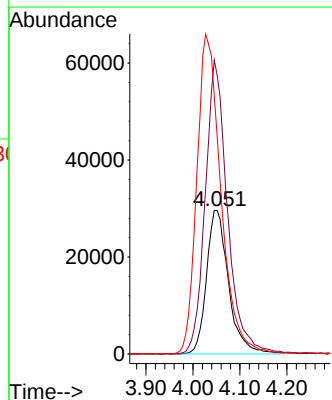
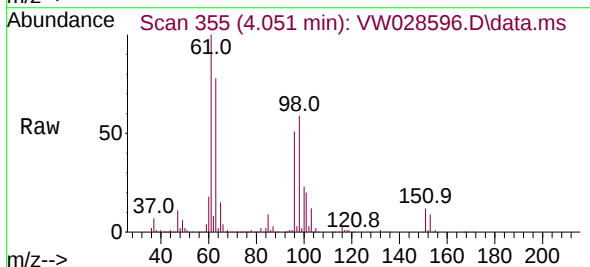
Tgt Ion: 96 Resp: 96268

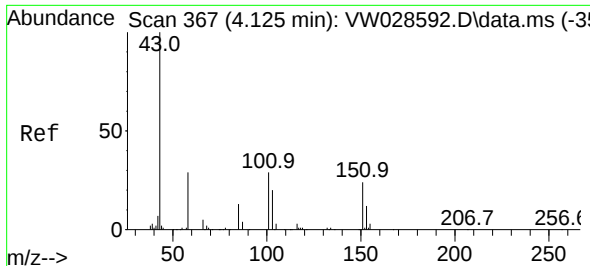
Ion Ratio Lower Upper

96 100

61 194.2 131.6 244.4

63 151.8 111.4 206.8

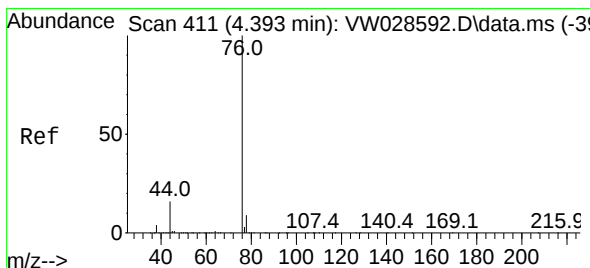
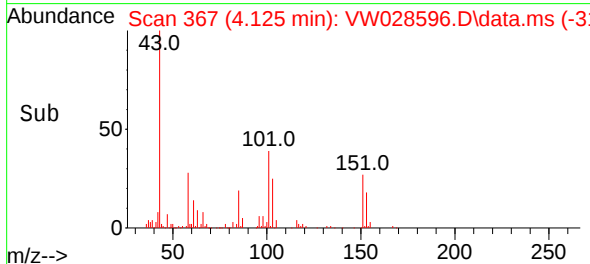
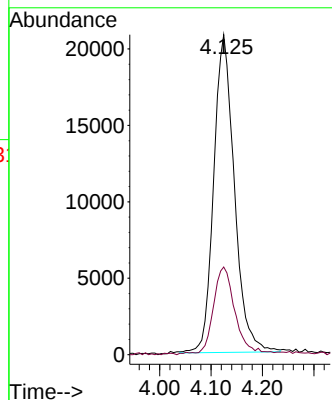
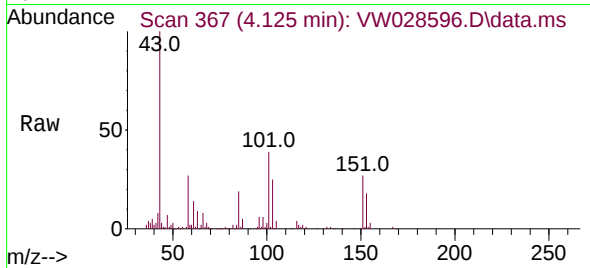




#13
Acetone
Concen: 42.881 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW028596.D
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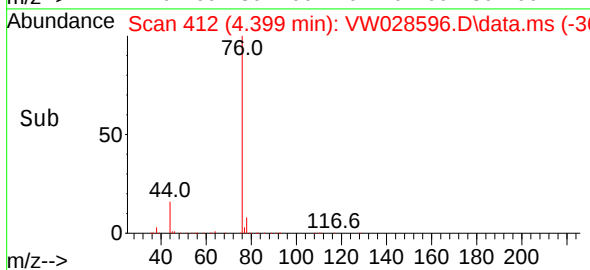
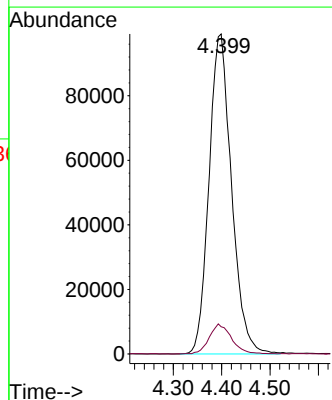
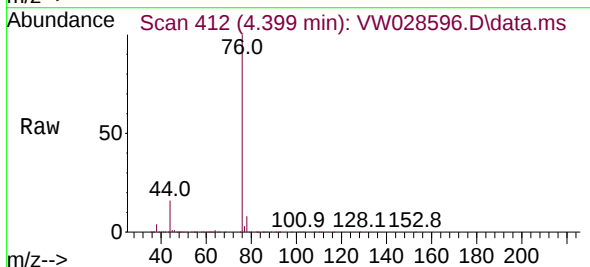
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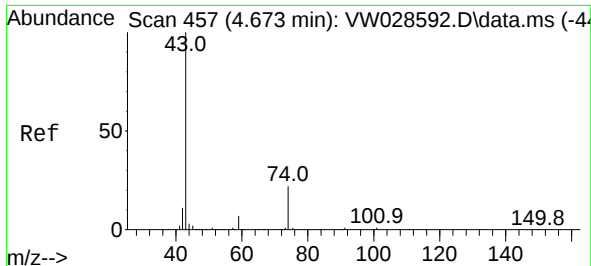
Tgt Ion: 43 Resp: 58089
Ion Ratio Lower Upper
43 100
58 26.7 0.0 54.4



#14
Carbon disulfide
Concen: 22.951 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.006 min
Lab File: VW028596.D
Acq: 08 May 2024 12:24

Tgt Ion: 76 Resp: 320864
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0





#15

Methyl Acetate

Concen: 22.980 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

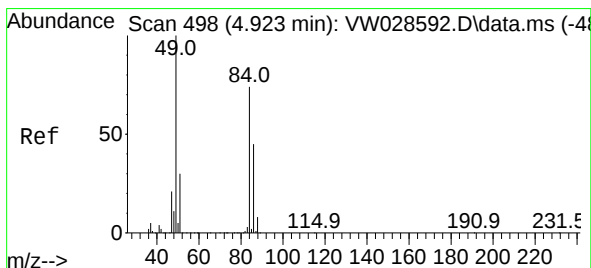
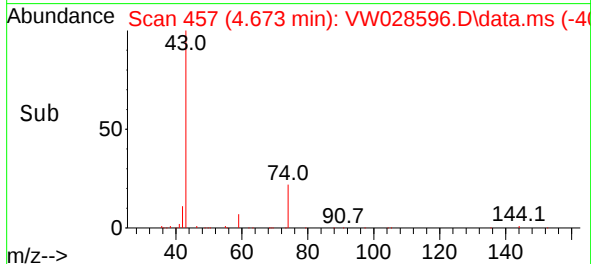
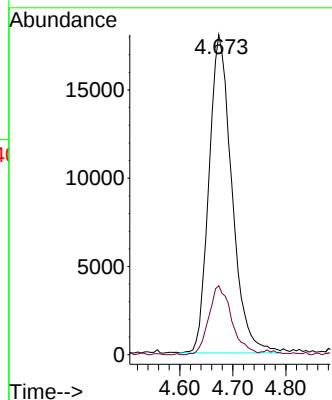
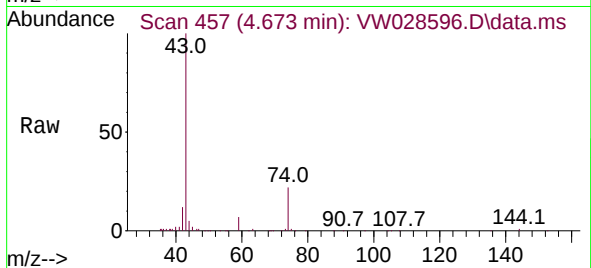
ClientSampleId :

Tgt Ion: 43 Resp: 54159

Ion Ratio Lower Upper

43 100

74 21.6 17.6 26.4



#16

Methylene chloride

Concen: 22.880 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

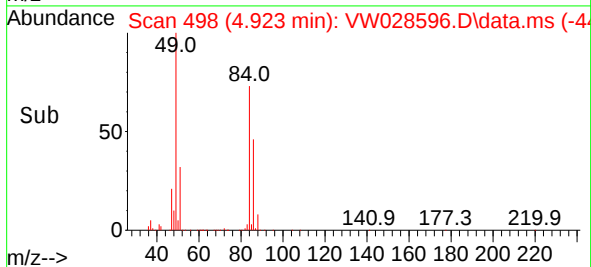
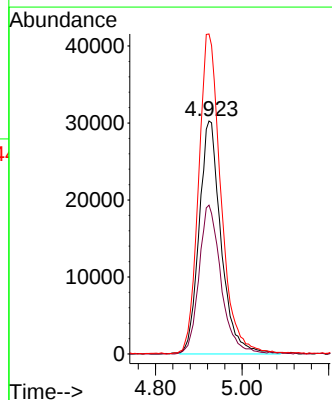
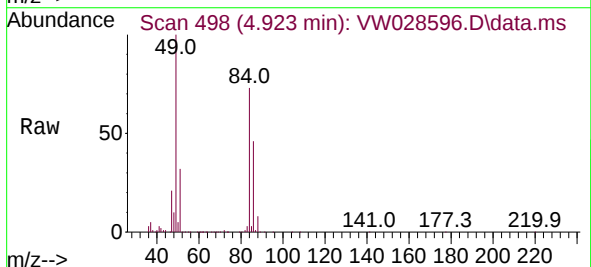
Tgt Ion: 84 Resp: 106358

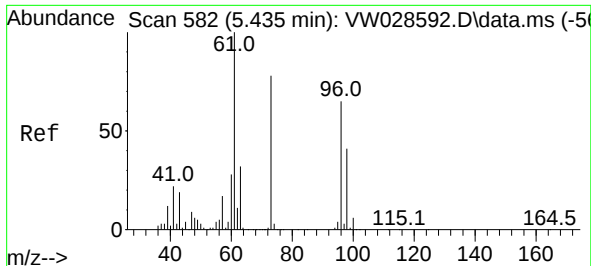
Ion Ratio Lower Upper

84 100

86 63.9 44.4 82.4

49 137.4 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 23.518 ug/L

RT: 5.435 min Scan# 582

Delta R.T. -0.000 min

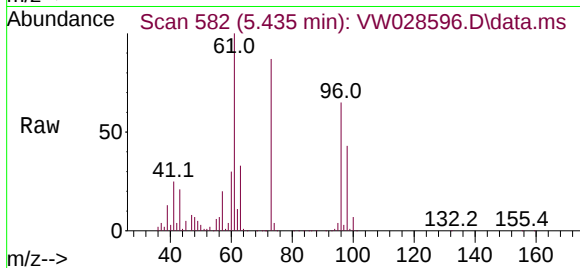
Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

ClientSampleId :



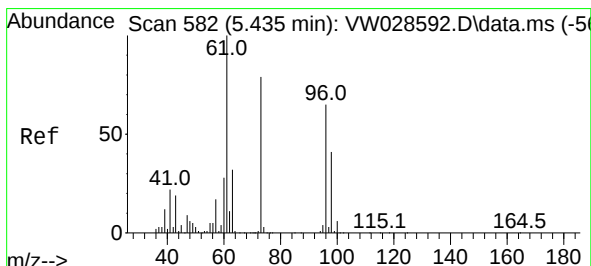
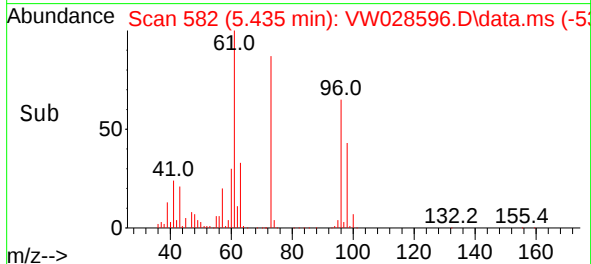
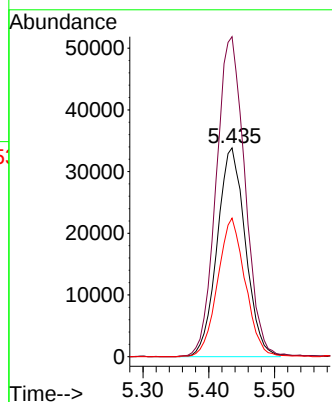
Tgt Ion: 96 Resp: 101285

Ion Ratio Lower Upper

96 100

61 153.2 109.0 202.4

98 66.3 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 25.366 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

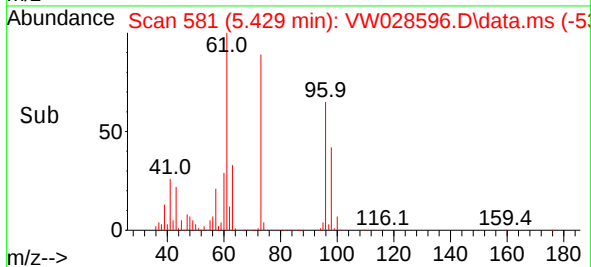
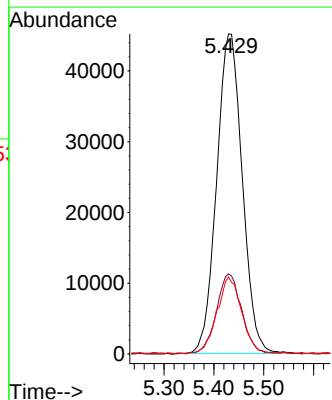
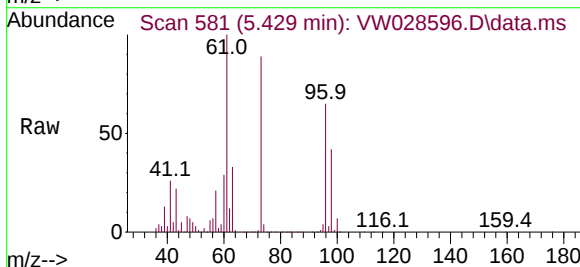
Tgt Ion: 73 Resp: 161213

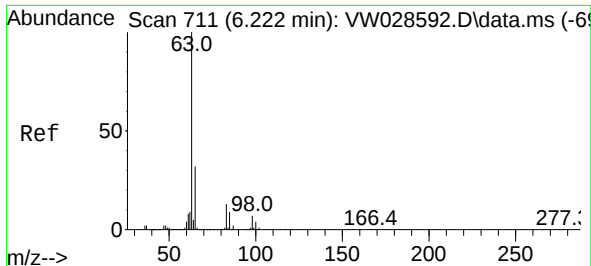
Ion Ratio Lower Upper

73 100

43 23.9 19.2 28.8

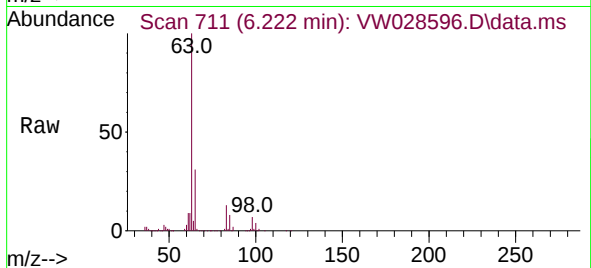
57 23.0 18.5 27.7



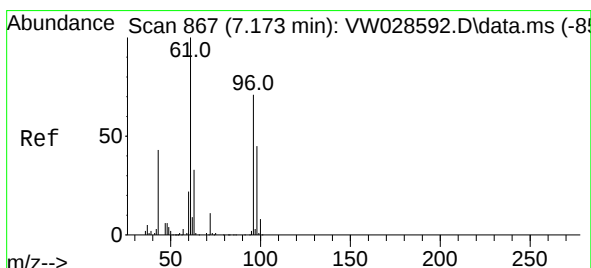
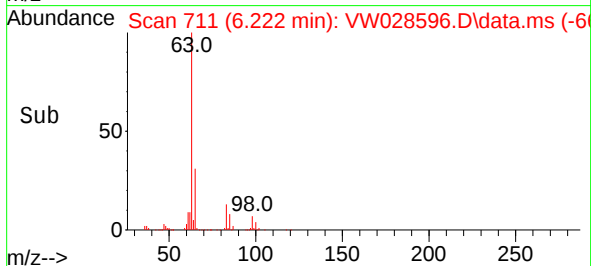
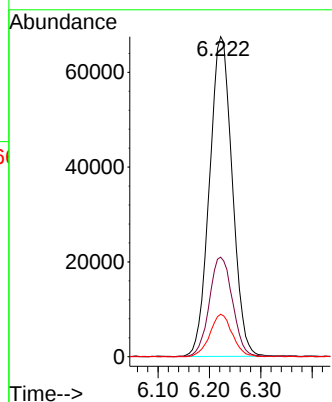


#19
1,1-Dichloroethane
Concen: 24.271 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW028596.D
Acq: 08 May 2024 12:24

Instrument :
MSVOA_W
ClientSampleId :

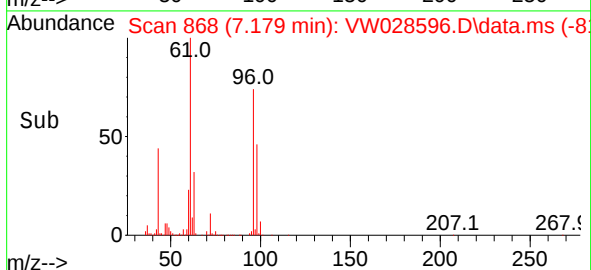
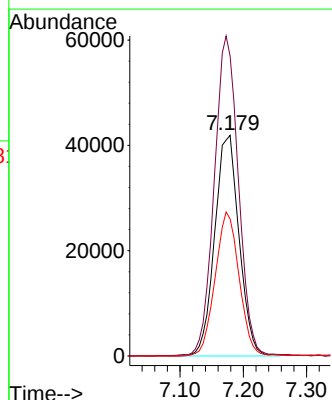
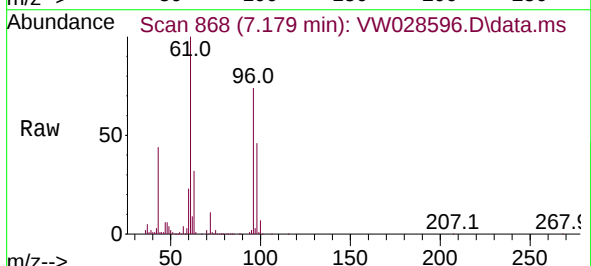


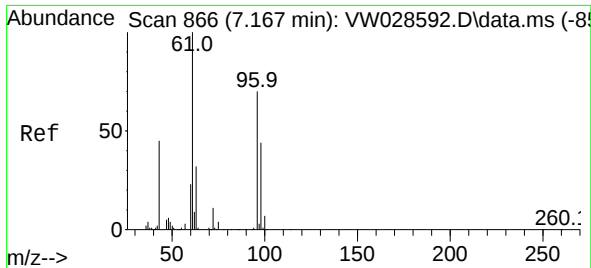
Tgt Ion: 63 Resp: 207281
Ion Ratio Lower Upper
63 100
65 31.1 22.9 42.5
83 13.3 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 24.933 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.006 min
Lab File: VW028596.D
Acq: 08 May 2024 12:24

Tgt Ion: 96 Resp: 112380
Ion Ratio Lower Upper
96 100
61 135.9 102.8 191.0
98 62.1 44.3 82.3

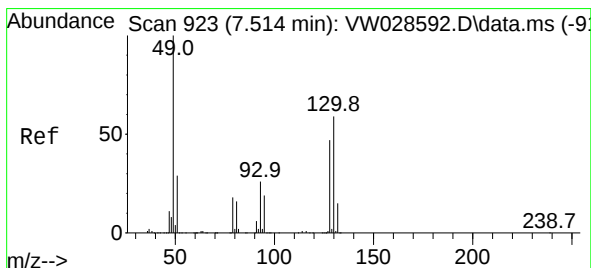
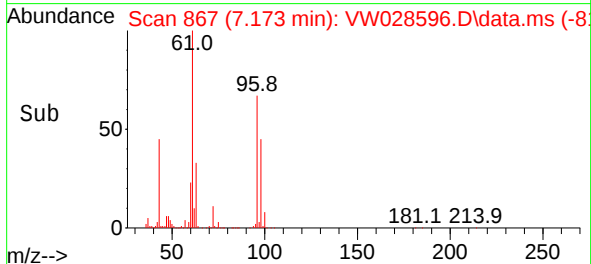
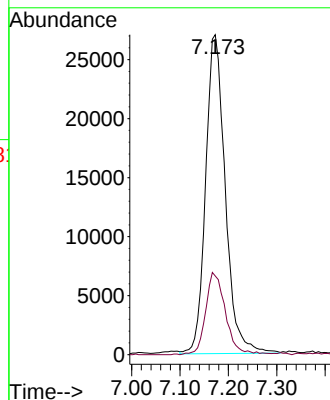
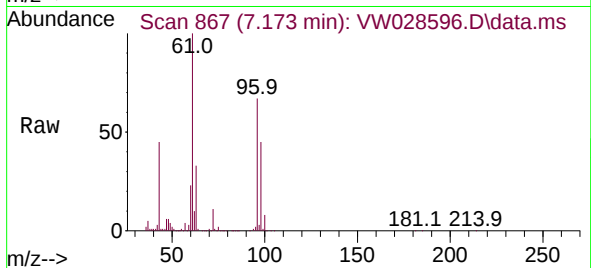




#22
2-Butanone
Concen: 43.845 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028596.D
Acq: 08 May 2024 12:24

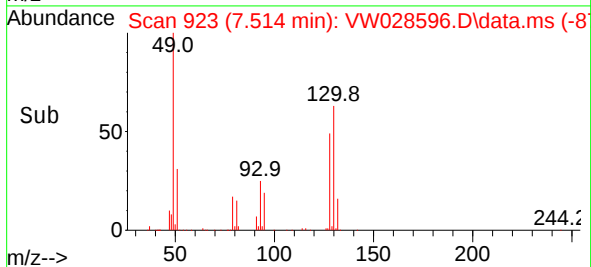
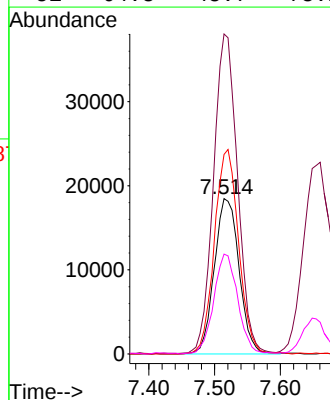
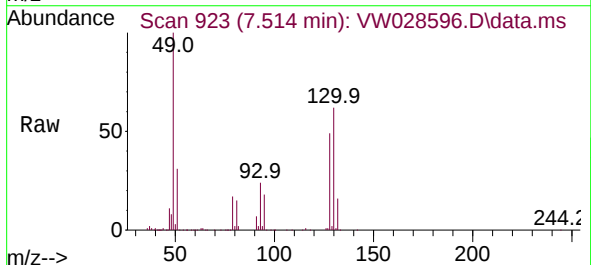
Instrument :
MSVOA_W
ClientSampleId :

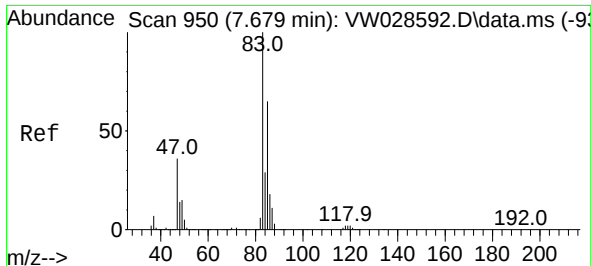
Tgt Ion: 43 Resp: 76236
Ion Ratio Lower Upper
43 100
72 25.7 12.2 36.6



#23
Bromochloromethane
Concen: 24.650 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028596.D
Acq: 08 May 2024 12:24

Tgt Ion: 128 Resp: 48464
Ion Ratio Lower Upper
128 100
49 205.9 139.6 259.2
130 128.4 91.2 169.4
51 64.3 48.7 73.1





#25

Chloroform

Concen: 24.994 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

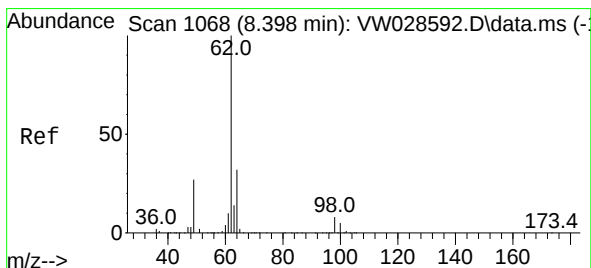
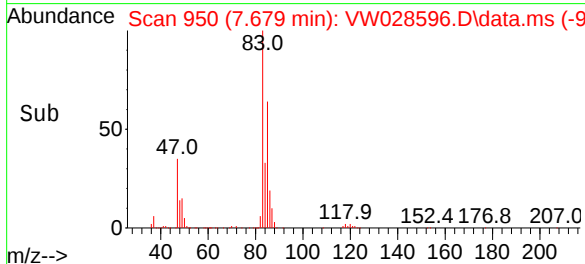
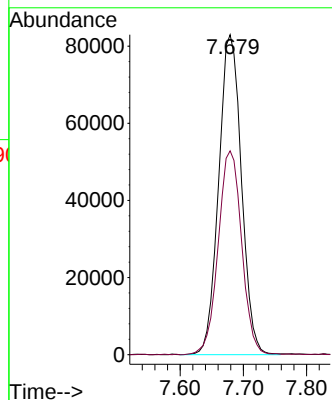
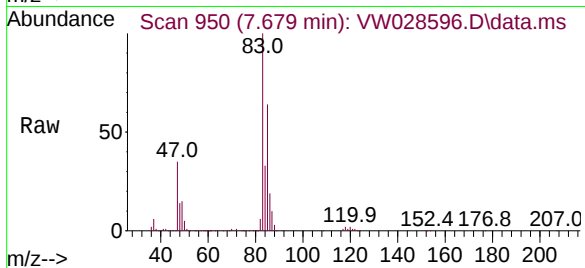
ClientSampleId :

Tgt Ion: 83 Resp: 206454

Ion Ratio Lower Upper

83 100

85 63.7 43.4 80.6



#27

1,2-Dichloroethane

Concen: 24.931 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028596.D

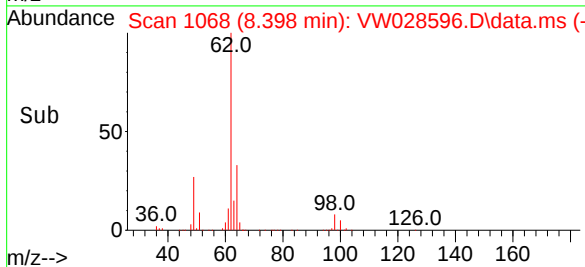
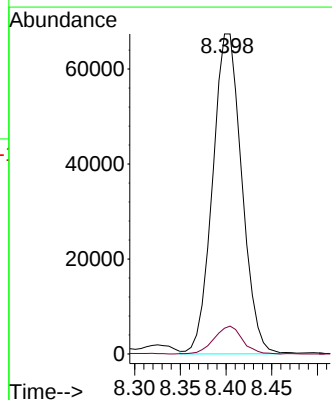
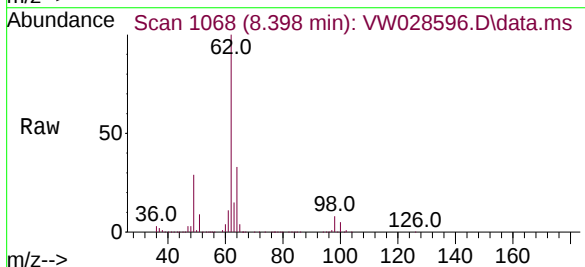
Acq: 08 May 2024 12:24

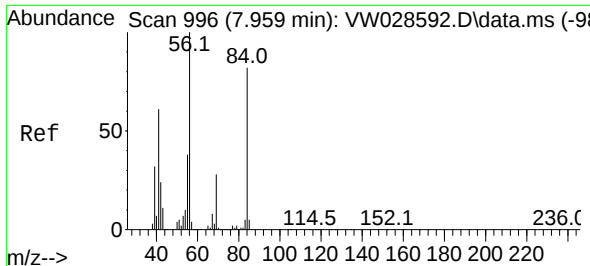
Tgt Ion: 62 Resp: 149701

Ion Ratio Lower Upper

62 100

98 8.0 7.0 10.6





#29

Cyclohexane

Concen: 23.730 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

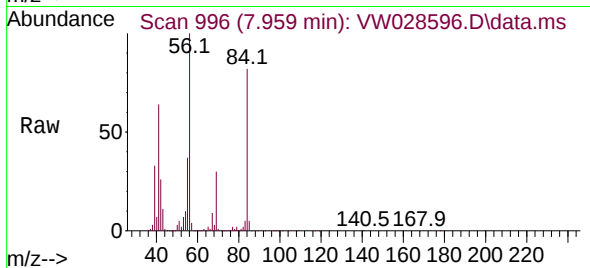
Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

ClientSampleId :



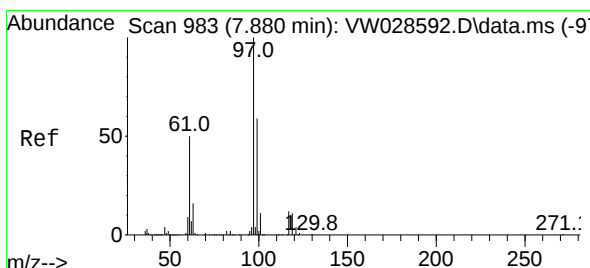
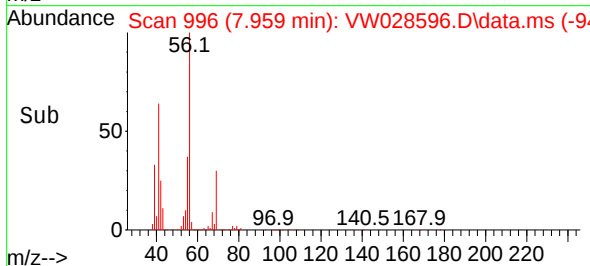
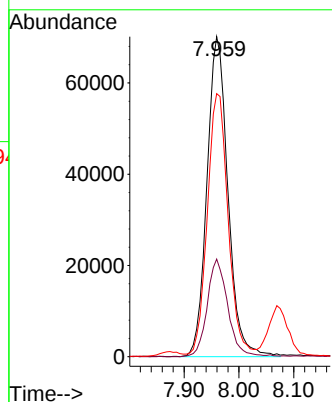
Tgt Ion: 56 Resp: 186571

Ion Ratio Lower Upper

56 100

69 29.6 23.4 35.0

84 81.5 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 23.759 ug/L

RT: 7.880 min Scan# 983

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

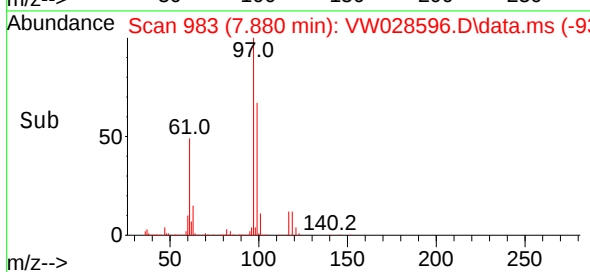
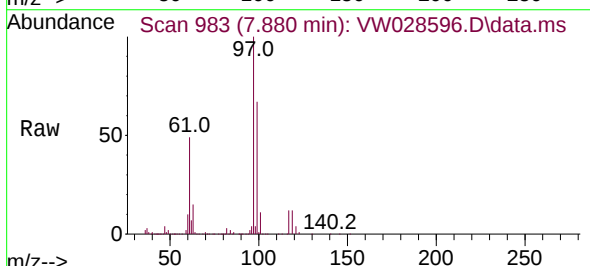
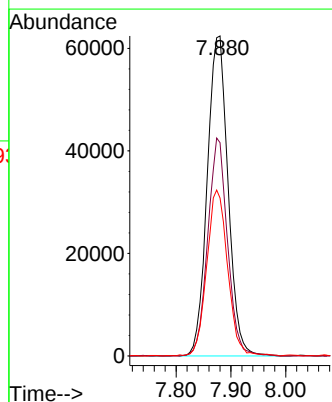
Tgt Ion: 97 Resp: 164171

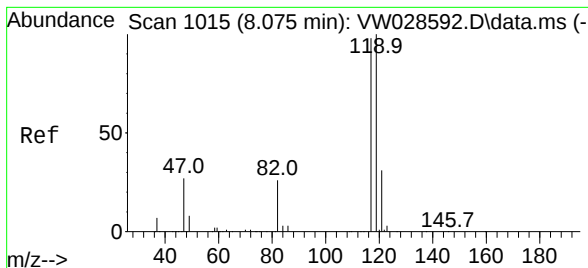
Ion Ratio Lower Upper

97 100

99 64.7 50.9 76.3

61 51.1 41.0 61.6





#31

Carbon tetrachloride

Concen: 23.292 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

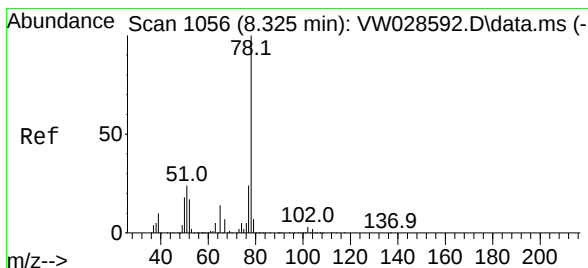
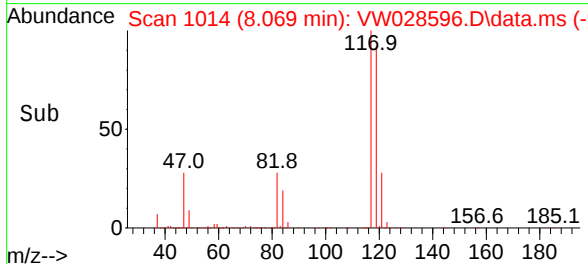
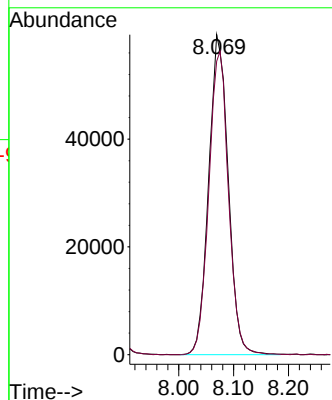
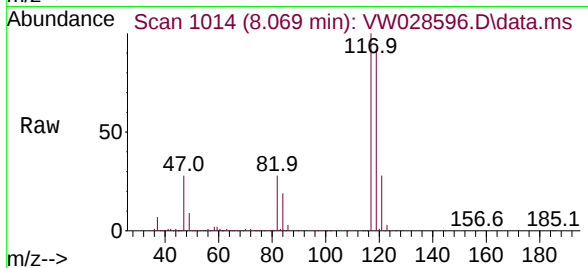
ClientSampleId :

Tgt Ion:117 Resp: 146746

Ion Ratio Lower Upper

117 100

119 95.5 77.2 115.8



#33

Benzene

Concen: 24.610 ug/L

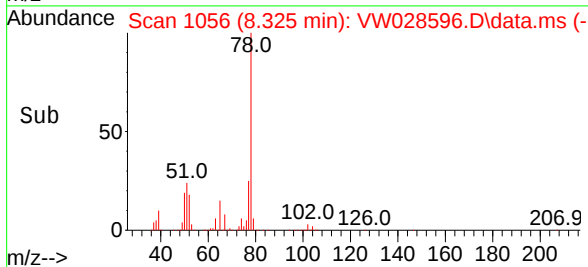
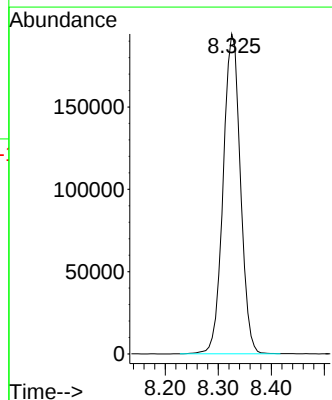
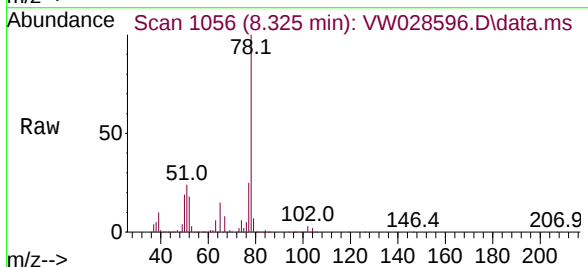
RT: 8.325 min Scan# 1056

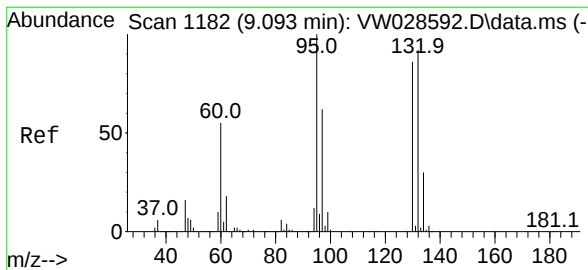
Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

Tgt Ion: 78 Resp: 440052





#34

Trichloroethene

Concen: 23.966 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

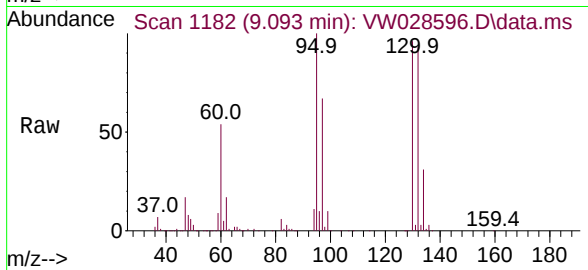
Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 114894

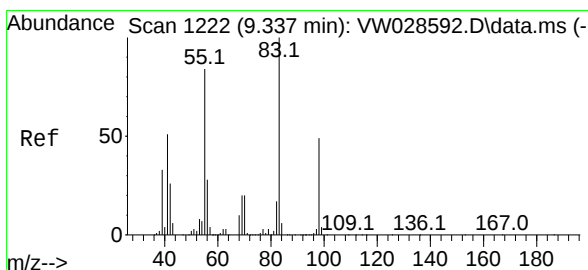
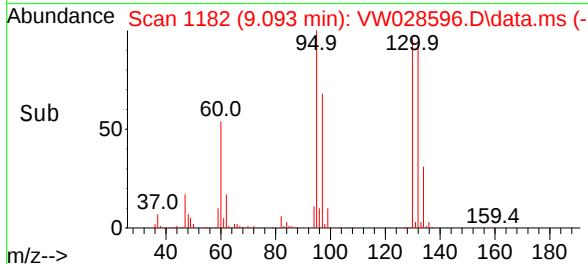
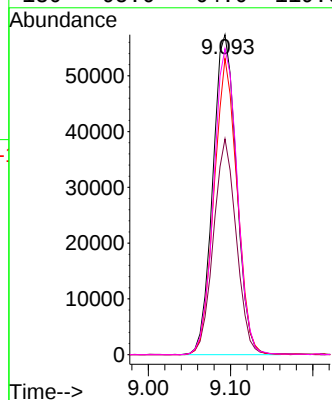
Ion Ratio Lower Upper

95 100

97 67.4 44.9 83.3

132 92.6 59.7 110.9

130 95.6 64.0 119.0



#35

Methylcyclohexane

Concen: 23.453 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

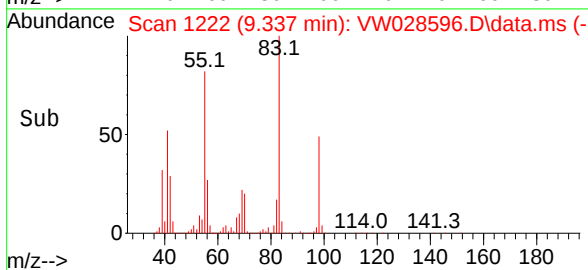
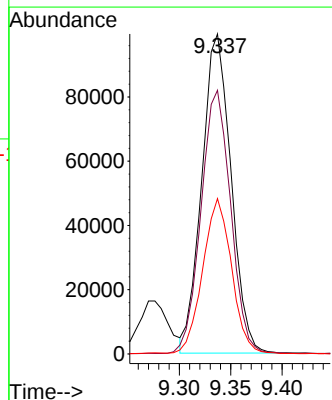
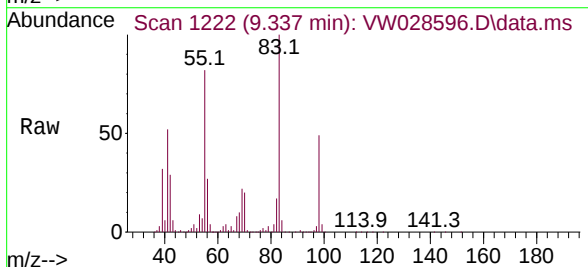
Tgt Ion: 83 Resp: 196489

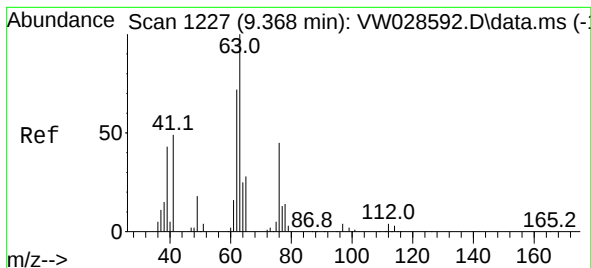
Ion Ratio Lower Upper

83 100

55 84.1 66.9 100.3

98 48.3 37.9 56.9





#37

1,2-Dichloropropane

Concen: 25.184 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

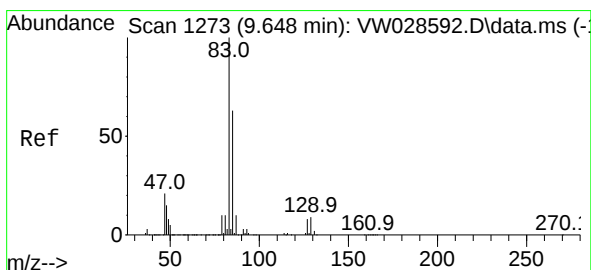
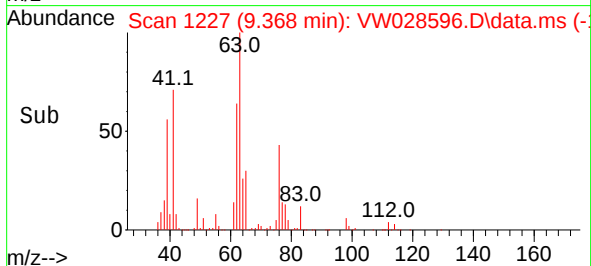
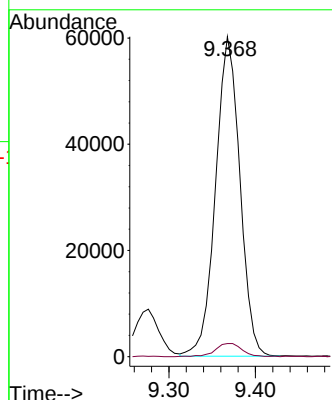
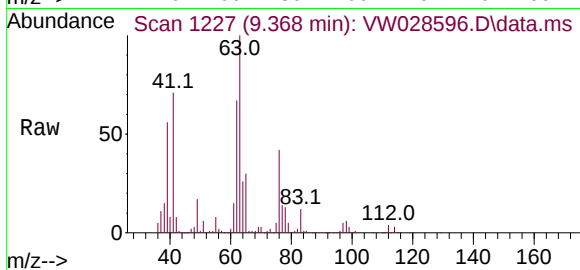
ClientSampleId :

Tgt Ion: 63 Resp: 117339

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 25.401 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

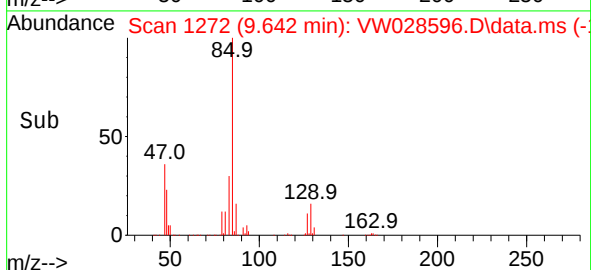
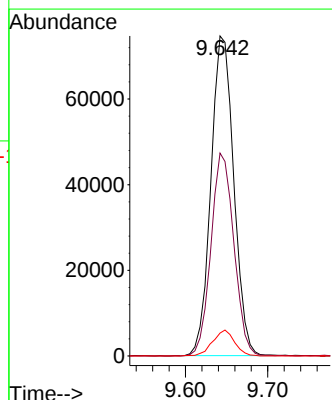
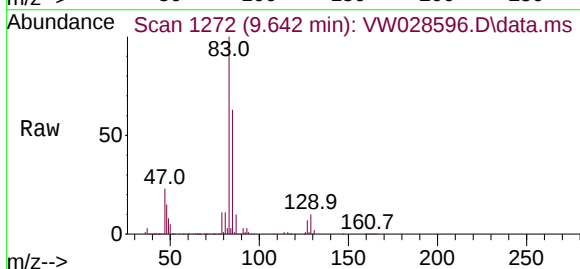
Tgt Ion: 83 Resp: 144267

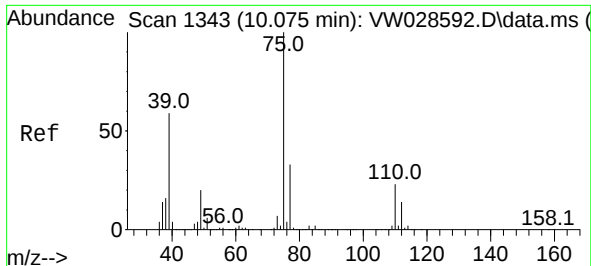
Ion Ratio Lower Upper

83 100

85 63.4 43.0 80.0

127 7.2 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 26.084 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

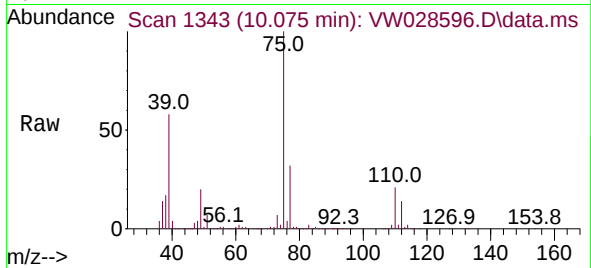
Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

ClientSampleId :

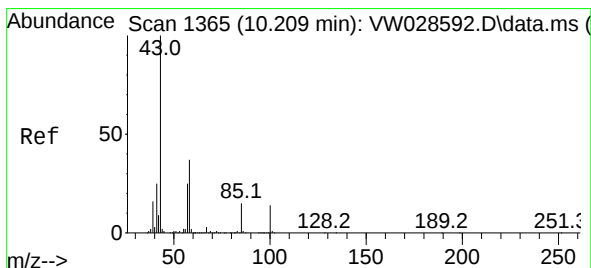
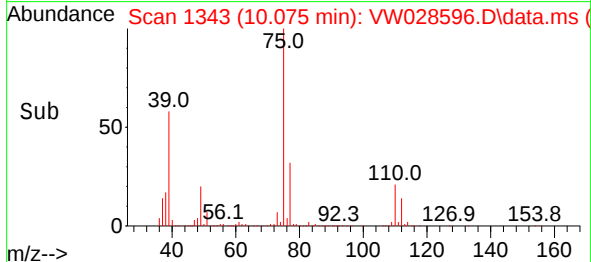
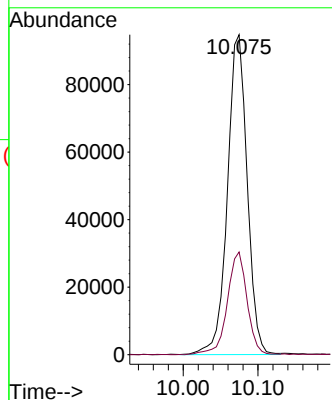


Tgt Ion: 75 Resp: 174189

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 49.552 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

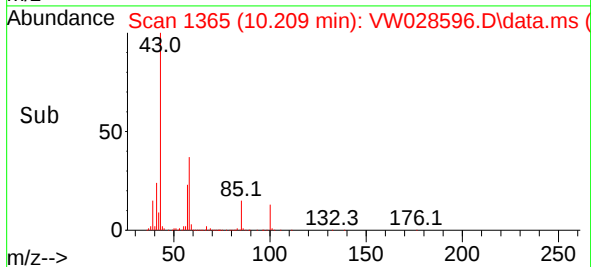
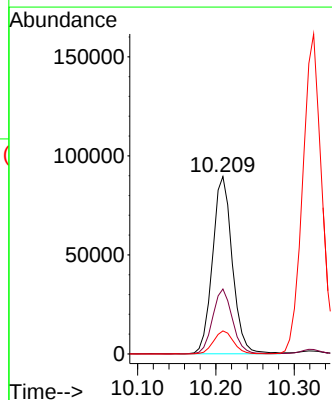
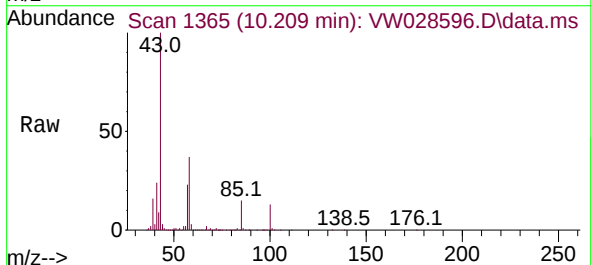
Tgt Ion: 43 Resp: 157133

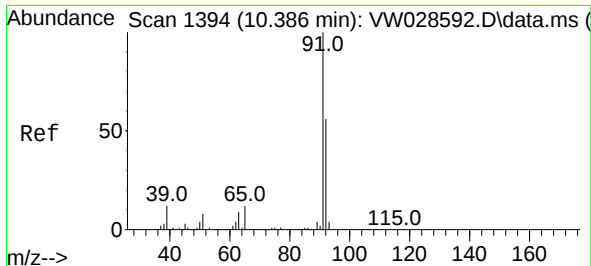
Ion Ratio Lower Upper

43 100

58 36.4 29.2 43.8

100 13.2 11.0 16.4





#42

Toluene

Concen: 24.988 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

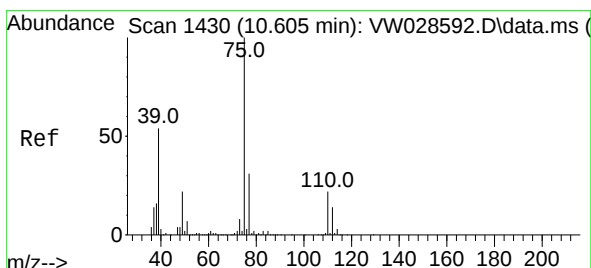
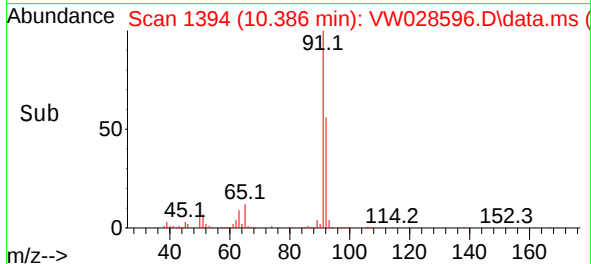
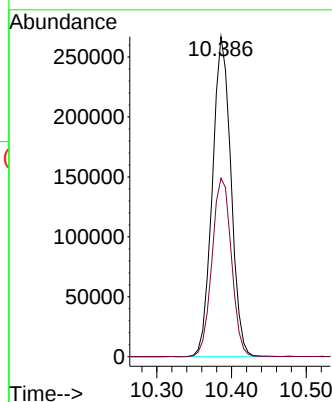
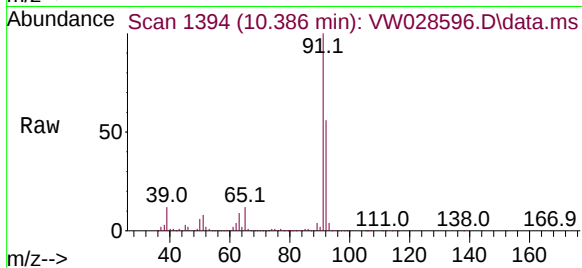
ClientSampleId :

Tgt Ion: 91 Resp: 461478

Ion Ratio Lower Upper

91 100

92 55.7 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 25.993 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028596.D

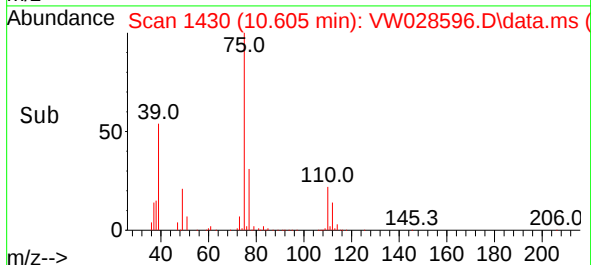
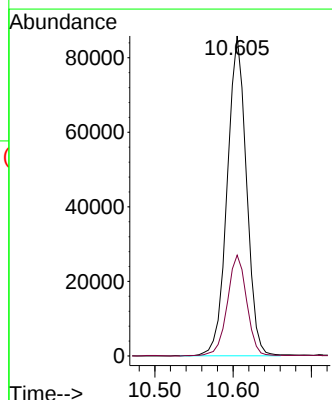
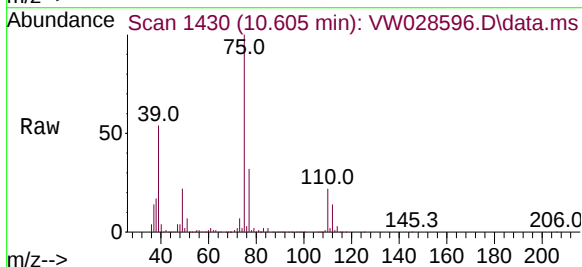
Acq: 08 May 2024 12:24

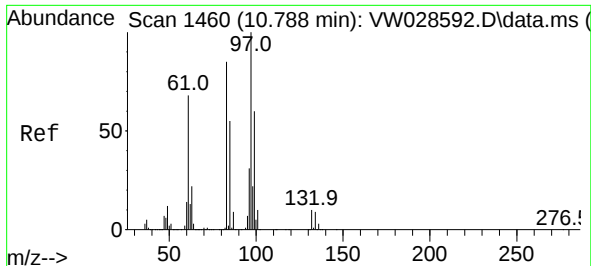
Tgt Ion: 75 Resp: 146356

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 24.616 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

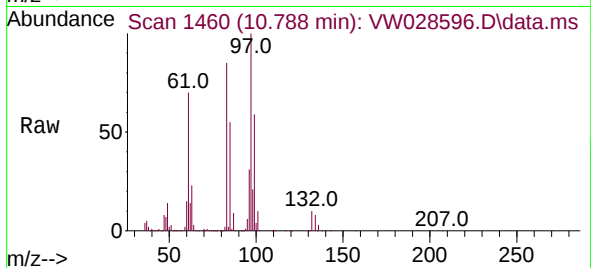
Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 83086

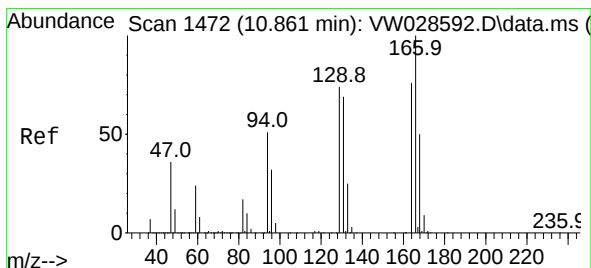
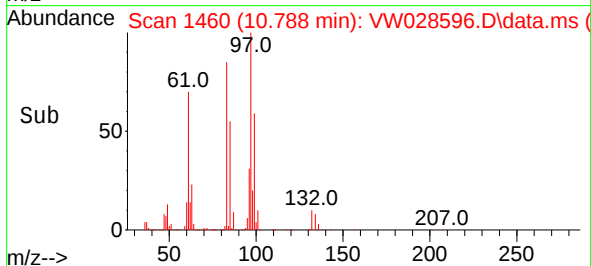
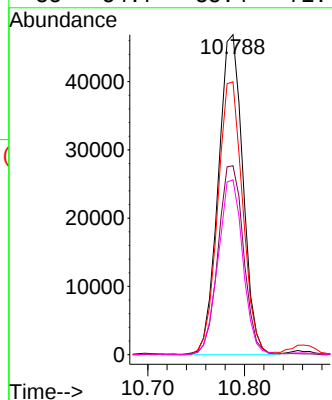
Ion Ratio Lower Upper

97 100

99 59.1 41.9 77.9

83 85.3 62.1 115.3

85 54.7 38.4 71.4



#46

Tetrachloroethene

Concen: 24.364 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

Tgt Ion:164 Resp: 84155

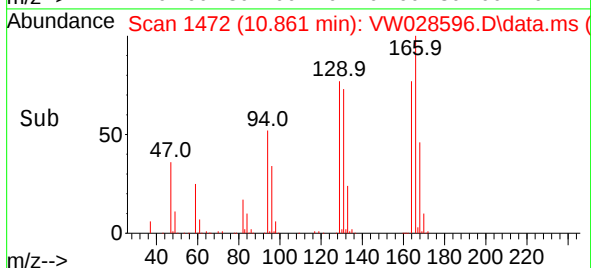
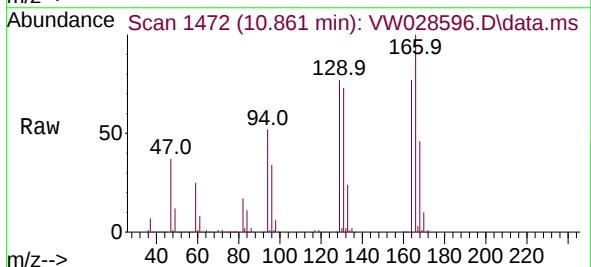
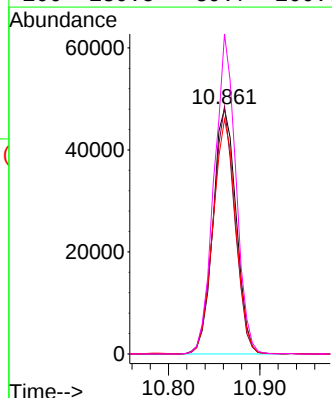
Ion Ratio Lower Upper

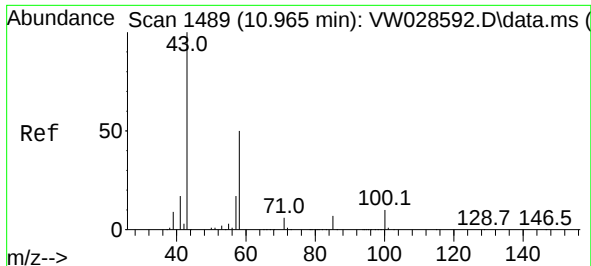
164 100

129 101.1 69.2 128.6

131 95.7 67.7 125.7

166 130.5 89.7 166.7





#48

2-Hexanone

Concen: 50.379 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

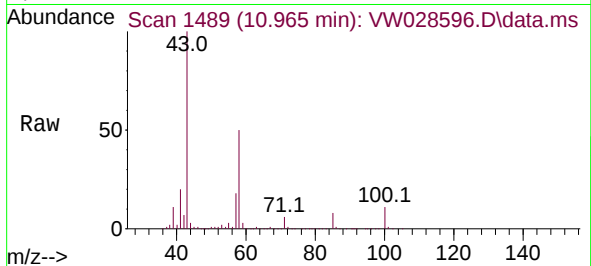
Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 112786

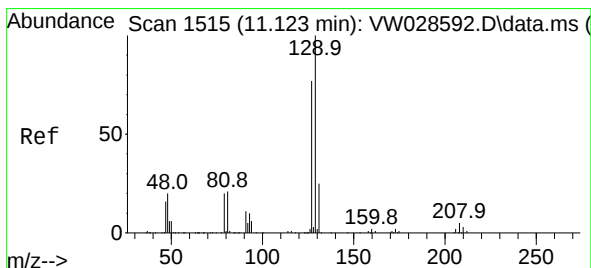
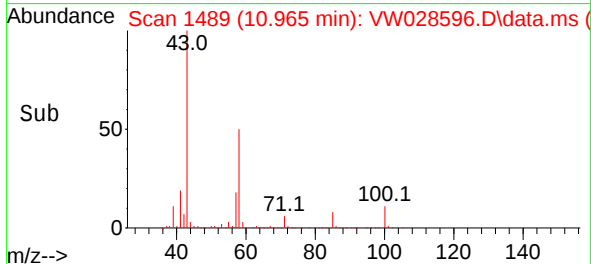
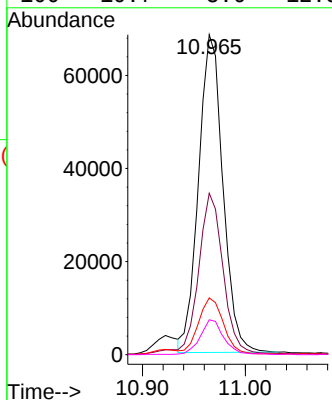
Ion Ratio Lower Upper

43 100

58 50.2 41.0 61.4

57 18.0 14.8 22.2

100 10.7 8.6 12.8



#49

Dibromochloromethane

Concen: 25.304 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW028596.D

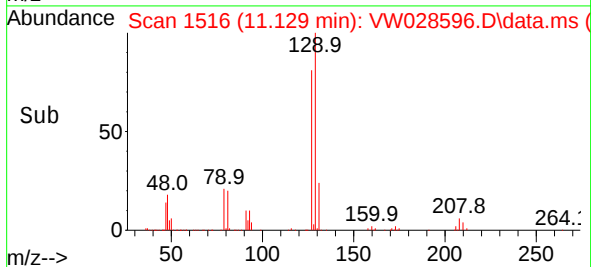
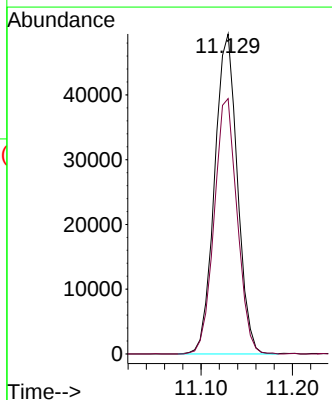
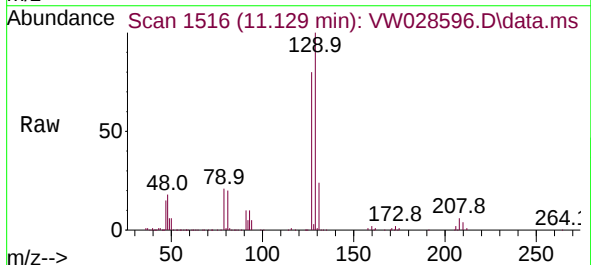
Acq: 08 May 2024 12:24

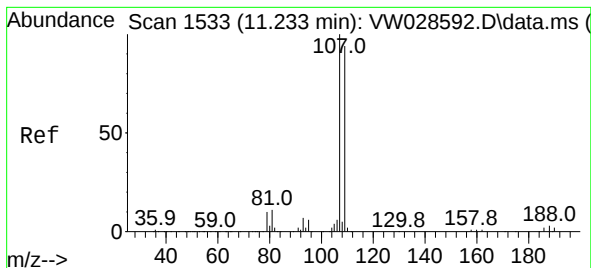
Tgt Ion:129 Resp: 85667

Ion Ratio Lower Upper

129 100

127 79.8 54.3 100.8





#50

1,2-Dibromoethane

Concen: 24.292 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

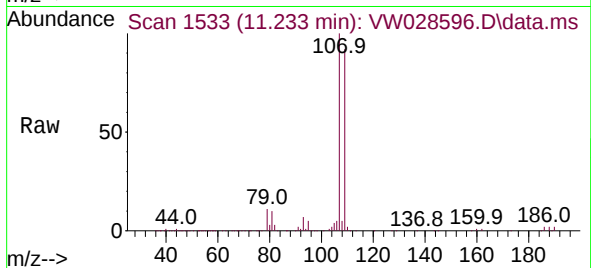
Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

ClientSampleId :



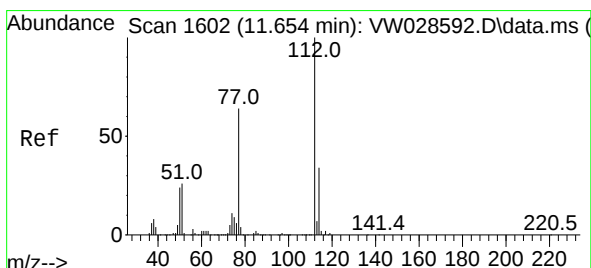
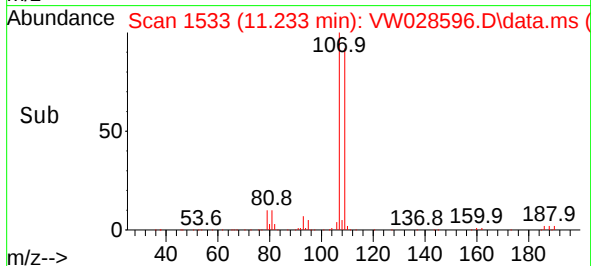
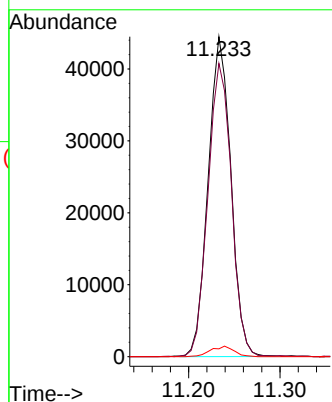
Tgt Ion:107 Resp: 76803

Ion Ratio Lower Upper

107 100

109 91.6 64.2 119.2

188 2.5 3.1 4.7#



#51

Chlorobenzene

Concen: 24.857 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

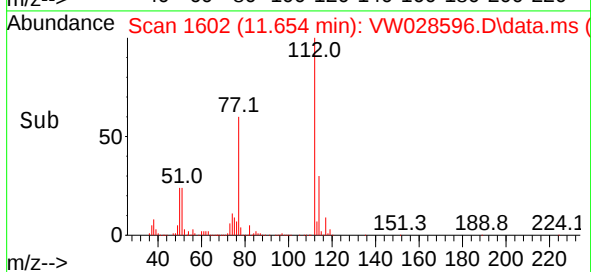
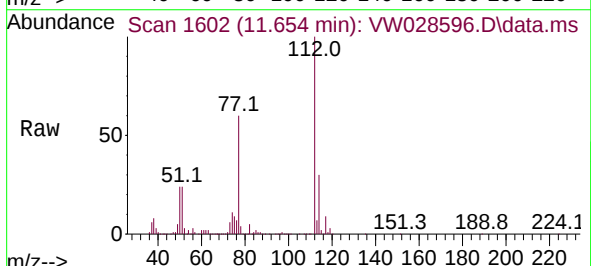
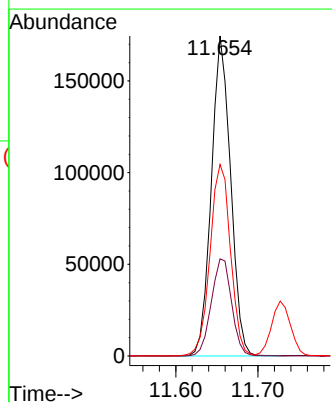
Tgt Ion:112 Resp: 283966

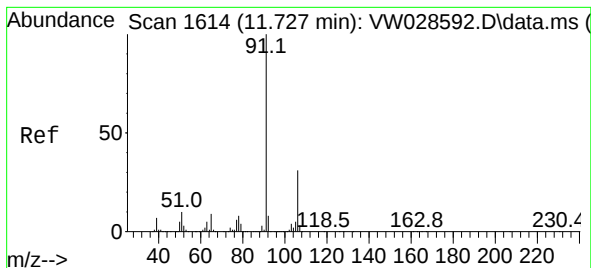
Ion Ratio Lower Upper

112 100

114 30.4 22.2 41.2

77 59.9 50.8 76.2

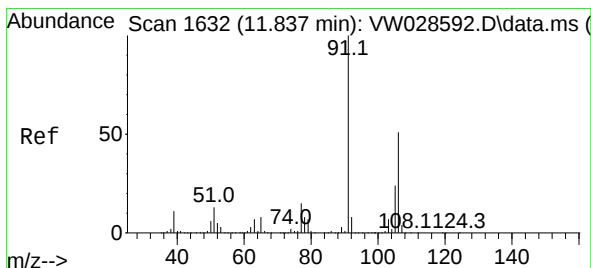
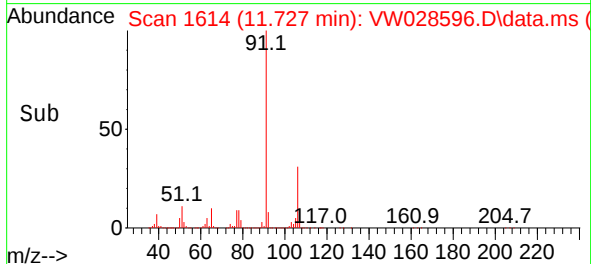
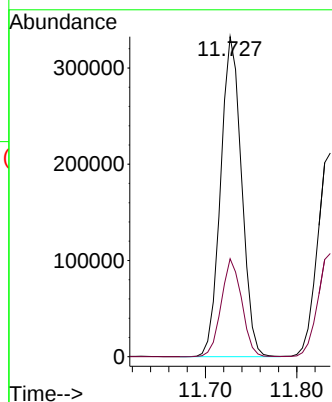
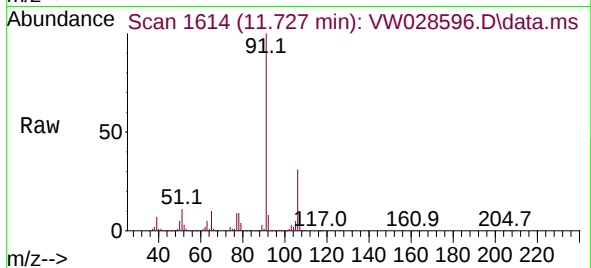




#52
Ethylbenzene
Concen: 25.392 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028596.D
Acq: 08 May 2024 12:24

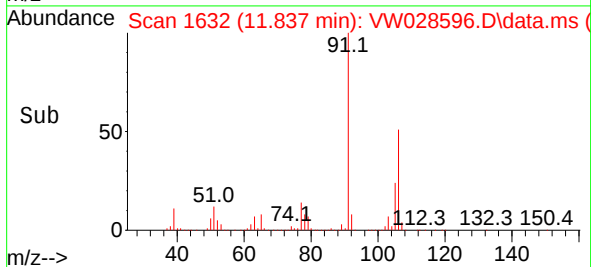
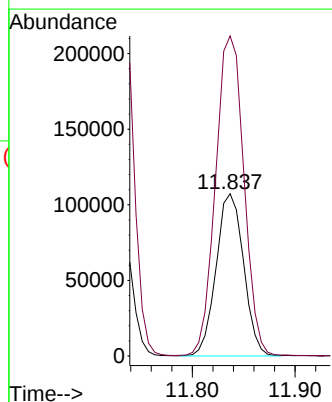
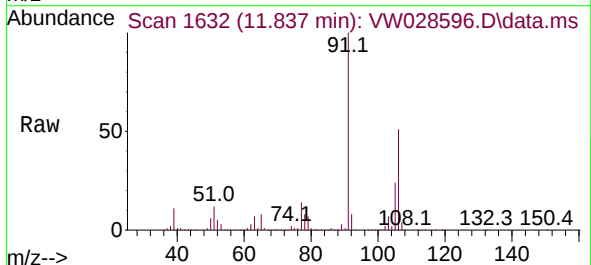
Instrument :
MSVOA_W
ClientSampleId :

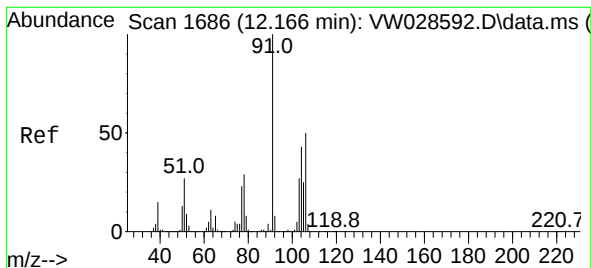
Tgt Ion: 91 Resp: 530682
Ion Ratio Lower Upper
91 100
106 30.6 22.7 42.1



#53
m,p-Xylene
Concen: 26.012 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028596.D
Acq: 08 May 2024 12:24

Tgt Ion:106 Resp: 199281
Ion Ratio Lower Upper
106 100
91 197.3 146.6 272.2

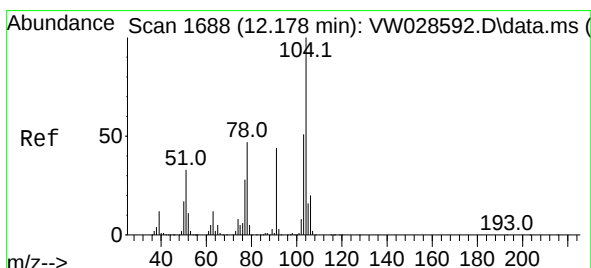
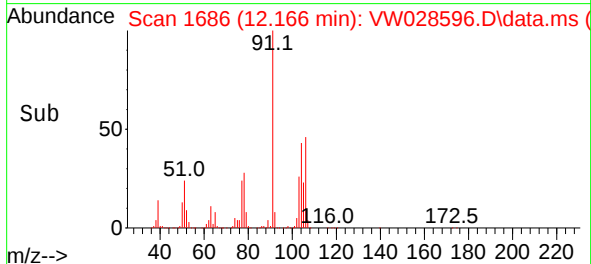
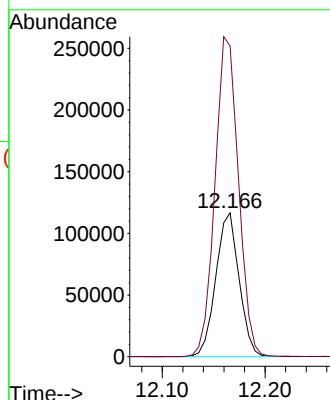
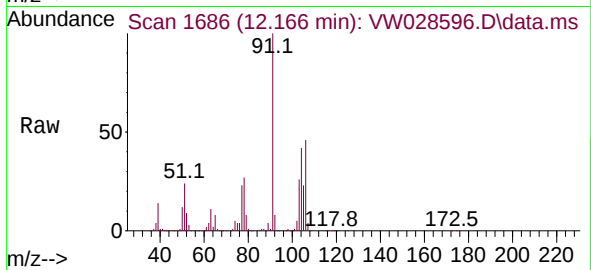




#54
o-Xylene
Concen: 25.799 ug/L
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028596.D
Acq: 08 May 2024 12:24

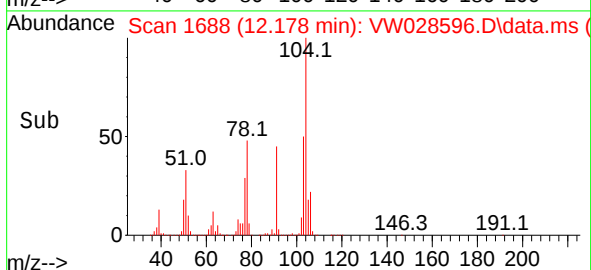
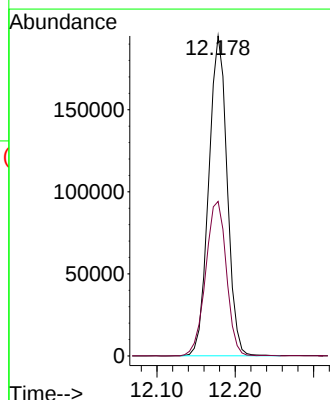
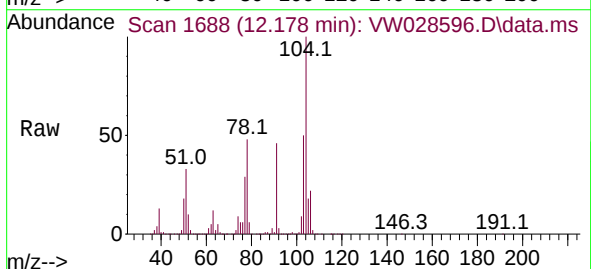
Instrument :
MSVOA_W
ClientSampleId :

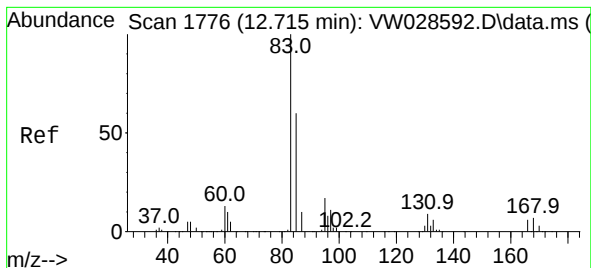
Tgt Ion:106 Resp: 182846
Ion Ratio Lower Upper
106 100
91 215.9 154.3 286.5



#55
Styrene
Concen: 26.483 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028596.D
Acq: 08 May 2024 12:24

Tgt Ion:104 Resp: 318036
Ion Ratio Lower Upper
104 100
78 48.3 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 24.218 ug/L

RT: 12.715 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

ClientSampleId :

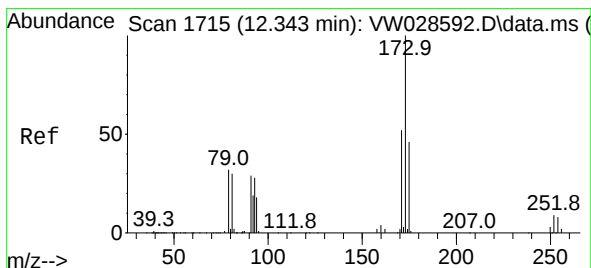
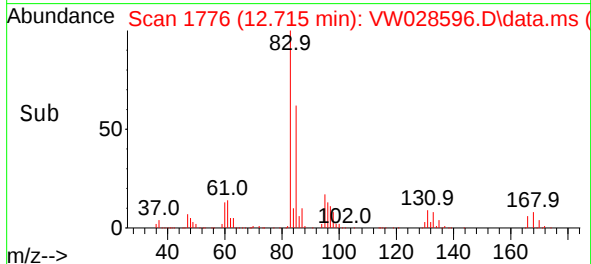
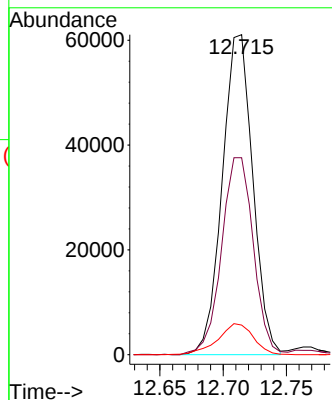
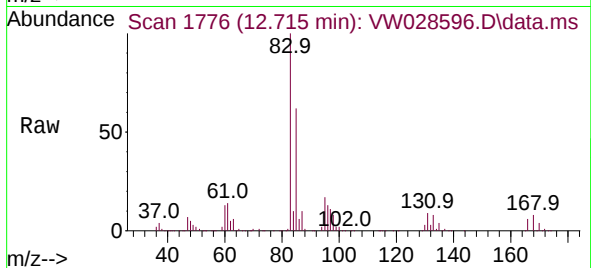
Tgt Ion: 83 Resp: 102553

Ion Ratio Lower Upper

83 100

85 61.6 45.6 84.6

131 9.3 7.3 10.9



#59

Bromoform

Concen: 23.853 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

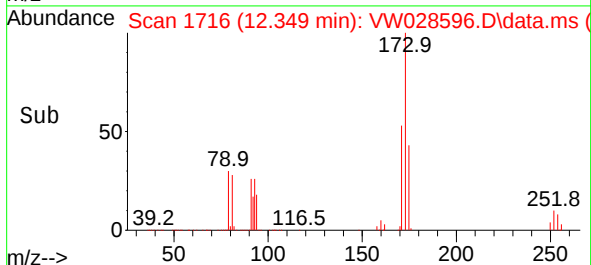
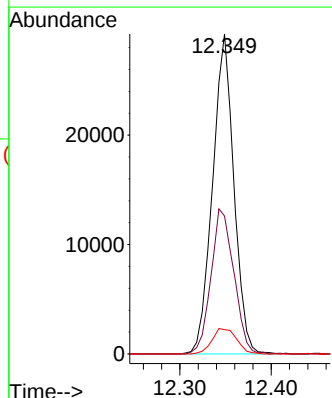
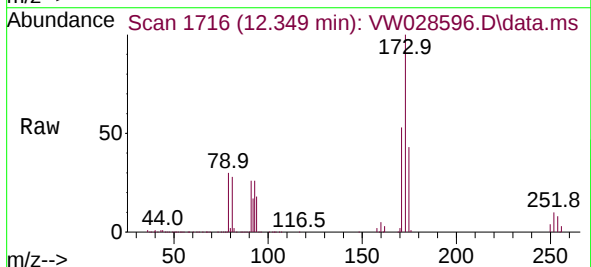
Tgt Ion:173 Resp: 47364

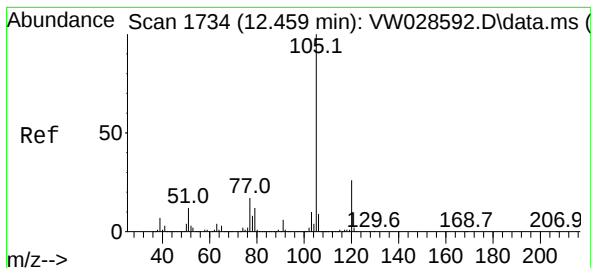
Ion Ratio Lower Upper

173 100

175 48.6 39.8 59.8

254 9.2 7.1 10.7





#60

Isopropylbenzene

Concen: 25.099 ug/L

RT: 12.459 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

ClientSampleId :

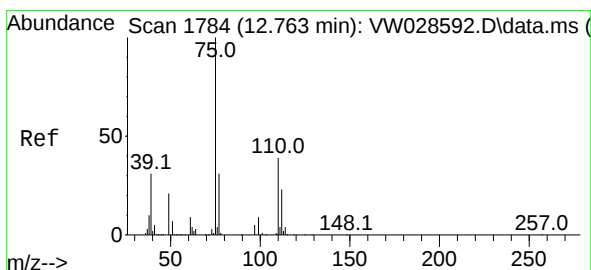
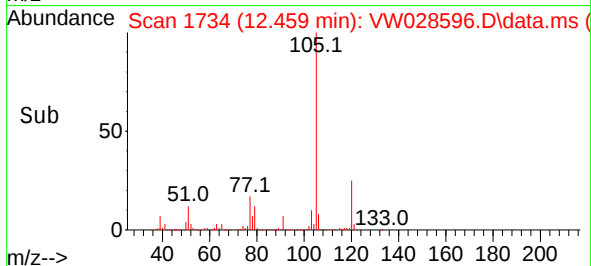
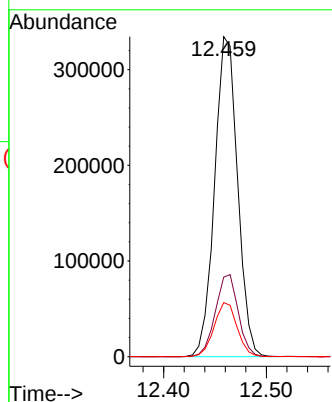
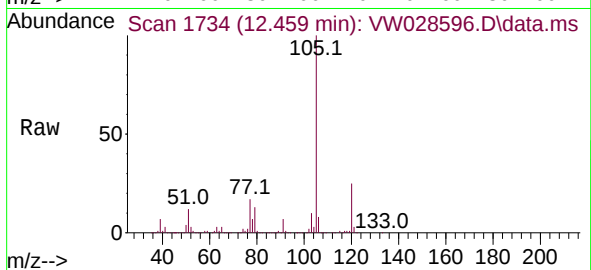
Tgt Ion:105 Resp: 518293

Ion Ratio Lower Upper

105 100

120 25.5 20.5 30.7

77 17.0 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 22.986 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

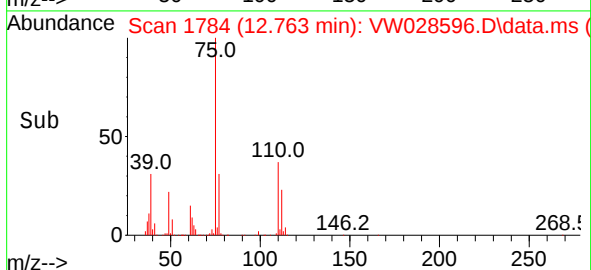
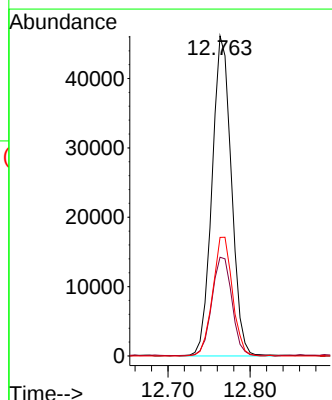
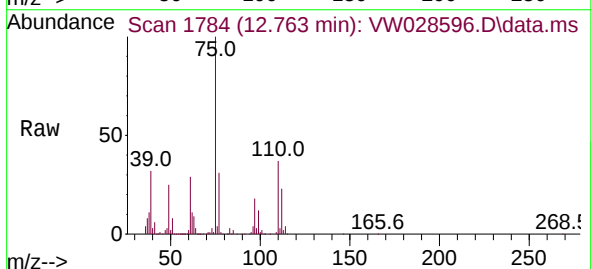
Tgt Ion: 75 Resp: 75609

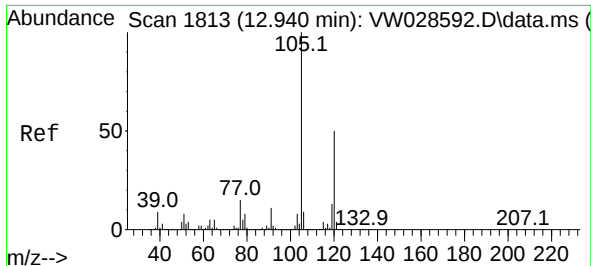
Ion Ratio Lower Upper

75 100

77 31.5 25.9 38.9

110 37.8 30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 26.236 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

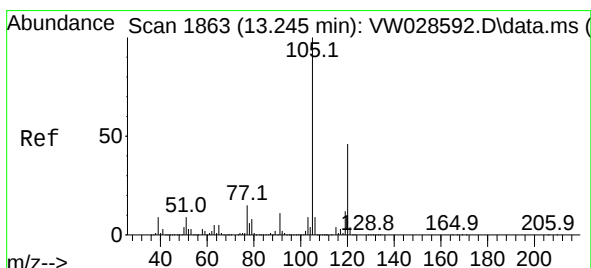
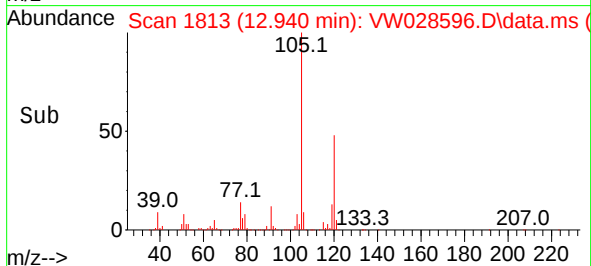
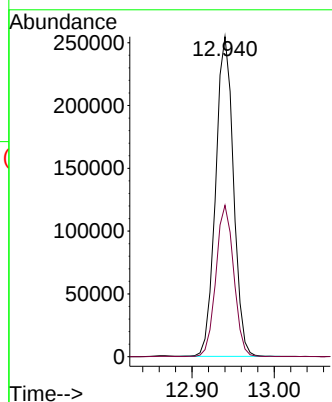
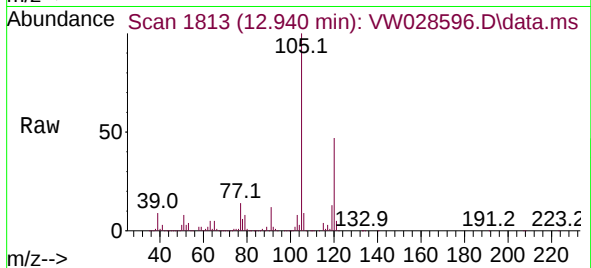
ClientSampleId :

Tgt Ion:105 Resp: 383314

Ion Ratio Lower Upper

105 100

120 47.1 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 26.107 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028596.D

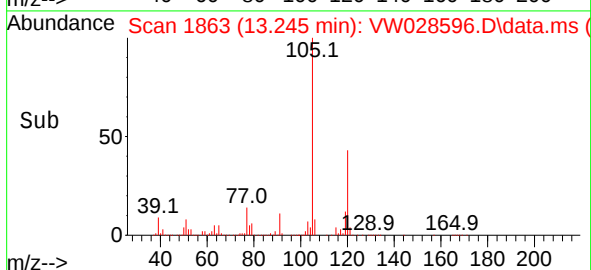
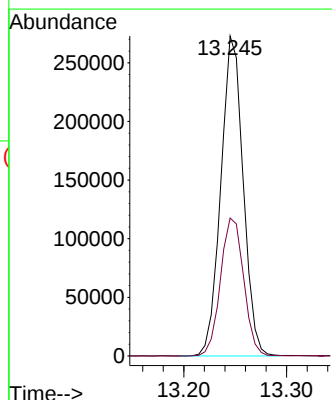
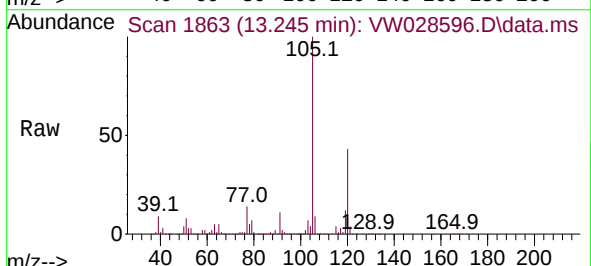
Acq: 08 May 2024 12:24

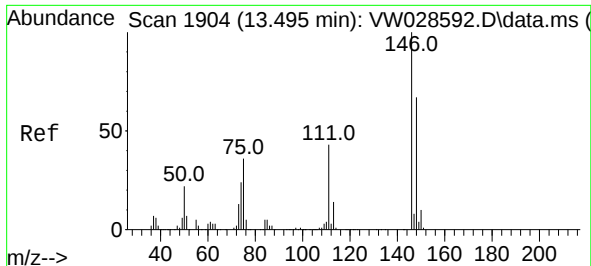
Tgt Ion:105 Resp: 410980

Ion Ratio Lower Upper

105 100

120 44.8 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 24.930 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

ClientSampleId :

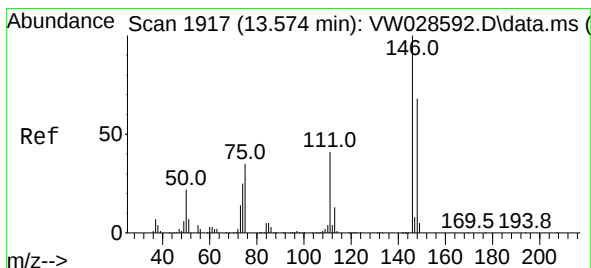
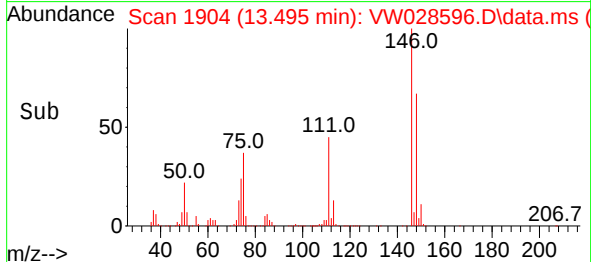
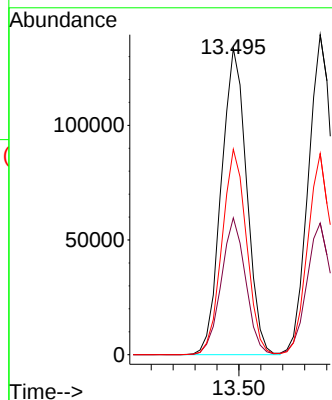
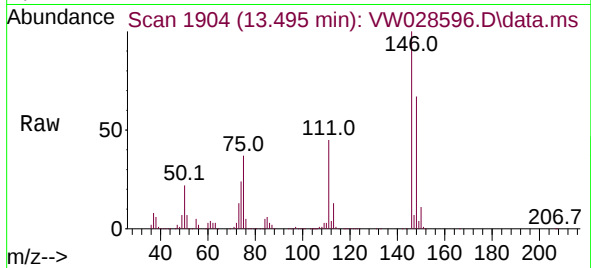
Tgt Ion:146 Resp: 214159

Ion Ratio Lower Upper

146 100

111 44.7 30.7 57.1

148 67.1 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 24.895 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

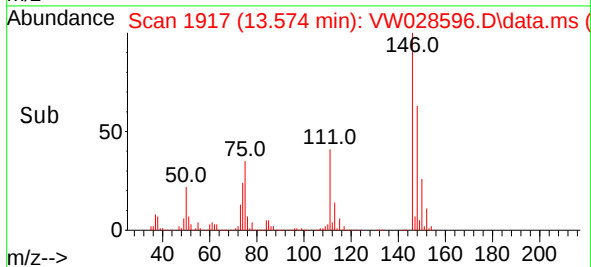
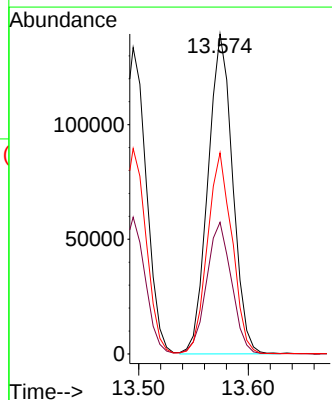
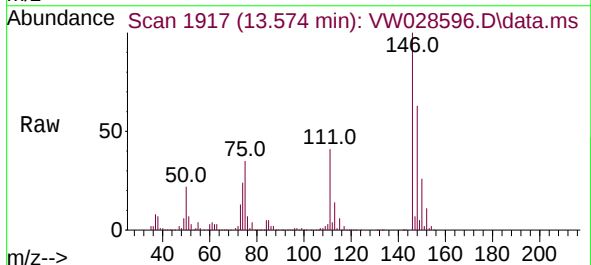
Tgt Ion:146 Resp: 218638

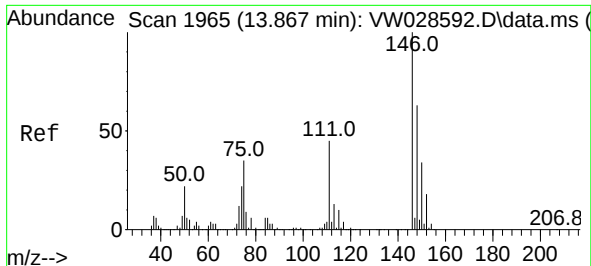
Ion Ratio Lower Upper

146 100

111 41.2 29.1 54.1

148 62.9 41.2 76.6

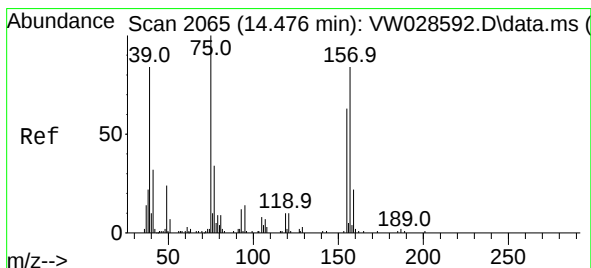
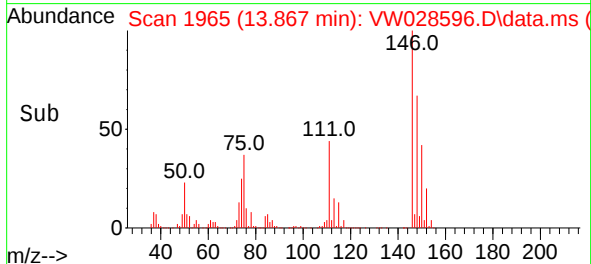
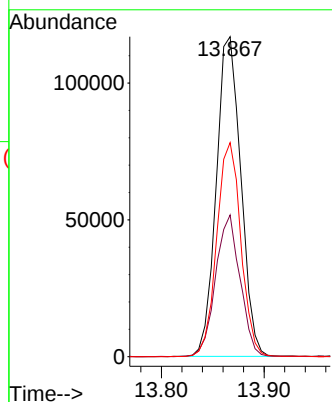
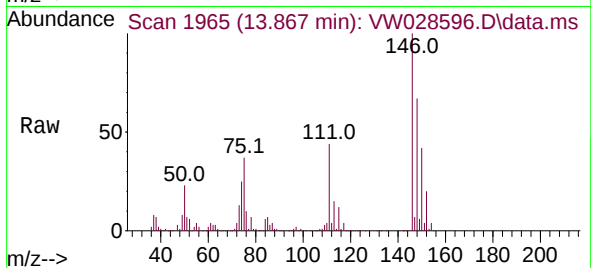




#67
1,2-Dichlorobenzene
Concen: 25.186 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028596.D
Acq: 08 May 2024 12:24

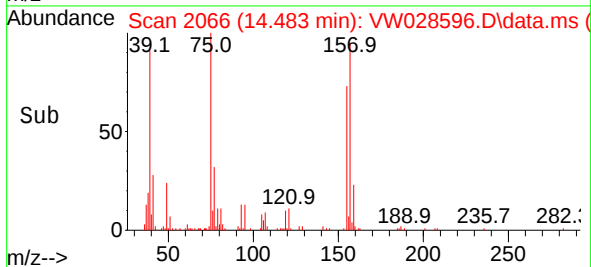
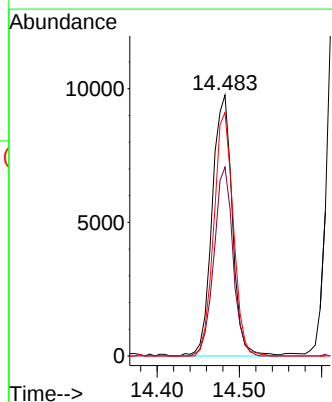
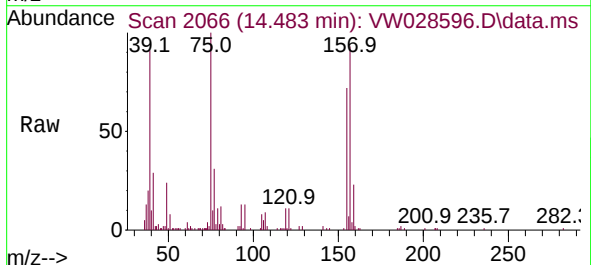
Instrument :
MSVOA_W
ClientSampleId :

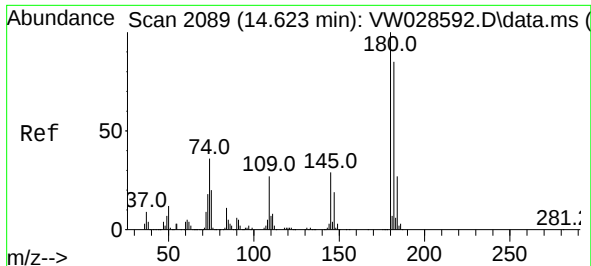
Tgt Ion:146 Resp: 193648
Ion Ratio Lower Upper
146 100
111 44.3 34.7 52.1
148 66.9 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 21.550 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW028596.D
Acq: 08 May 2024 12:24

Tgt Ion: 75 Resp: 16574
Ion Ratio Lower Upper
75 100
155 72.4 55.1 82.7
157 93.4 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 24.333 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

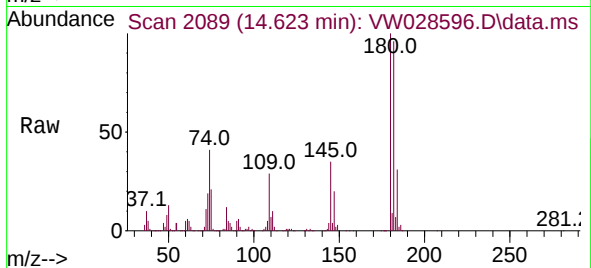
Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 140262

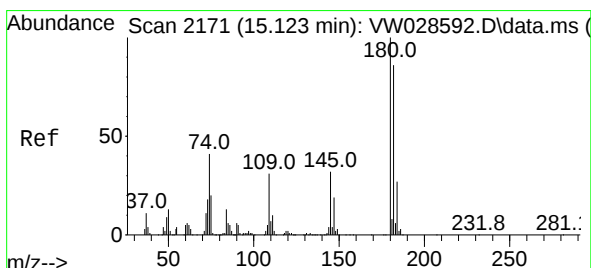
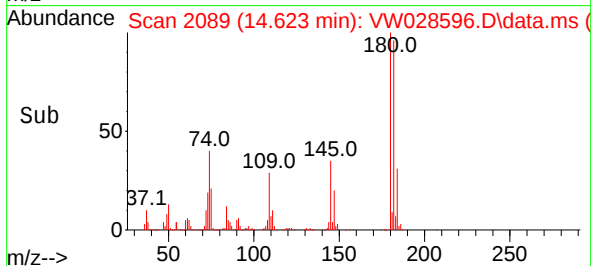
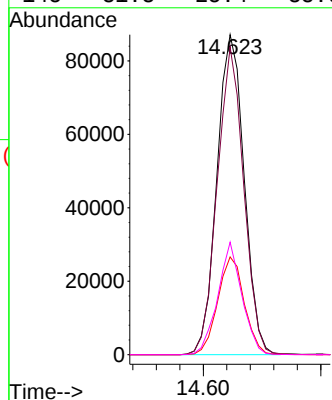
Ion Ratio Lower Upper

180 100

182 93.4 75.4 113.2

184 29.9 24.0 36.0

145 31.3 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 23.809 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

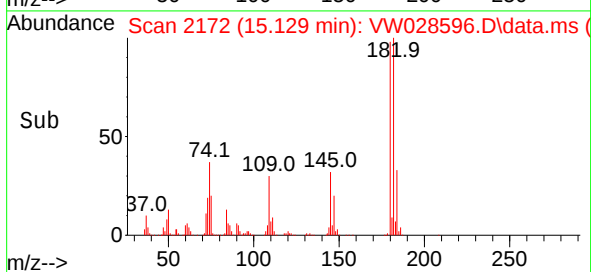
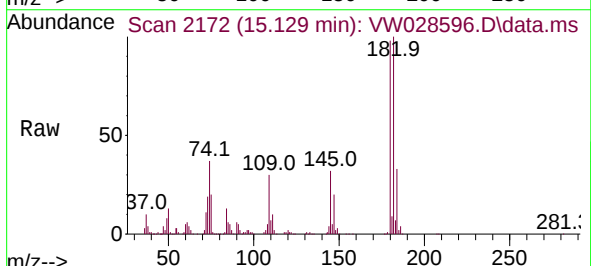
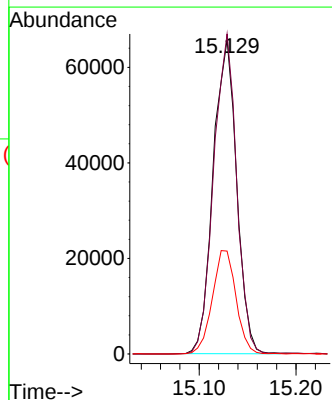
Tgt Ion:180 Resp: 110893

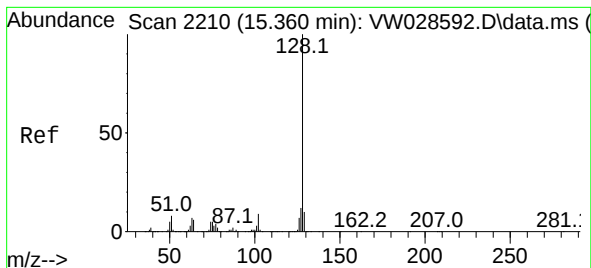
Ion Ratio Lower Upper

180 100

182 99.5 77.2 115.8

145 33.2 26.6 39.8





#71

Naphthalene

Concen: 25.081 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

Instrument :

MSVOA_W

ClientSampleId :

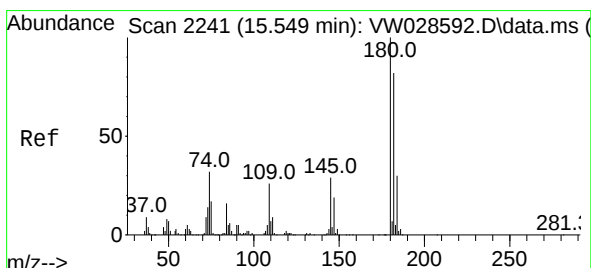
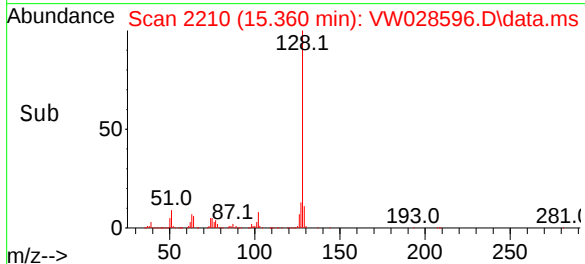
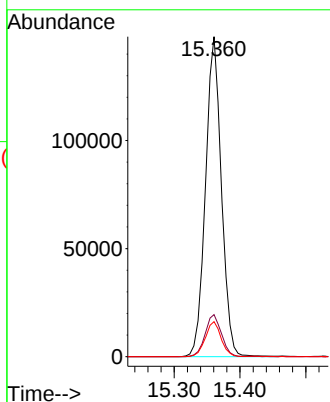
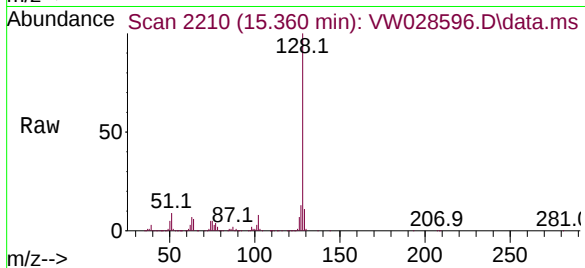
Tgt Ion:128 Resp: 248886

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.184 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028596.D

Acq: 08 May 2024 12:24

Tgt Ion:180 Resp: 101642

Ion Ratio Lower Upper

180 100

182 96.0 76.1 114.1

145 34.9 28.3 42.5

