

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102623\
 Data File : VW027441.D
 Acq On : 26 Oct 2023 09:55
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 27 01:21:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 26 00:48:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	364619	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	330409	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	174317	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	111227	19.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.960%
7) Chloroethane-d5	2.893	69	93171	23.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.280%
11) 1,1-Dichloroethene-d2	4.021	65	58947	21.141	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.560%
21) 2-Butanone-d5	7.075	46	99278	53.676	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.360%
24) Chloroform-d	7.648	84	280650	25.825	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.280%
26) 1,2-Dichloroethane-d4	8.307	65	146207	25.045	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	8.276	84	548484	24.536	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.160%
36) 1,2-Dichloropropane-d6	9.270	67	179280	26.257	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.040%
41) Toluene-d8	10.325	98	464616	22.920	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.680%
43) trans-1,3-Dichloroprop...	10.575	79	68778	22.093	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.360%
47) 2-Hexanone-d5	10.922	63	73893	52.307	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	144017	28.271	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.080%
66) 1,2-Dichlorobenzene-d4	13.849	152	151215	23.938	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	91851	21.172	ug/L	# 78
3) Chloromethane	2.223	50	133678	26.812	ug/L	97
5) Vinyl chloride	2.375	62	148402	26.647	ug/L	95
6) Bromomethane	2.783	94	81647	25.739	ug/L	98
8) Chloroethane	2.930	64	88800	27.701	ug/L	99
9) Trichlorofluoromethane	3.265	101	121584	30.945	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	135269	27.494	ug/L	98
12) 1,1-Dichloroethene	4.045	96	125686	26.287	ug/L	87
13) Acetone	4.119	43	94663	59.258	ug/L	100
14) Carbon disulfide	4.393	76	325757	21.978	ug/L	99
15) Methyl Acetate	4.667	43	74474	27.295	ug/L	97
16) Methylene chloride	4.917	84	148561	22.259	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	134783	26.230	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	234083	26.404	ug/L	99
19) 1,1-Dichloroethane	6.222	63	303674	28.966	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	161193	27.778	ug/L	98
22) 2-Butanone	7.167	43	119416	49.942	ug/L	99
23) Bromochloromethane	7.514	128	64394	26.878	ug/L	86
25) Chloroform	7.673	83	289824	29.537	ug/L	98

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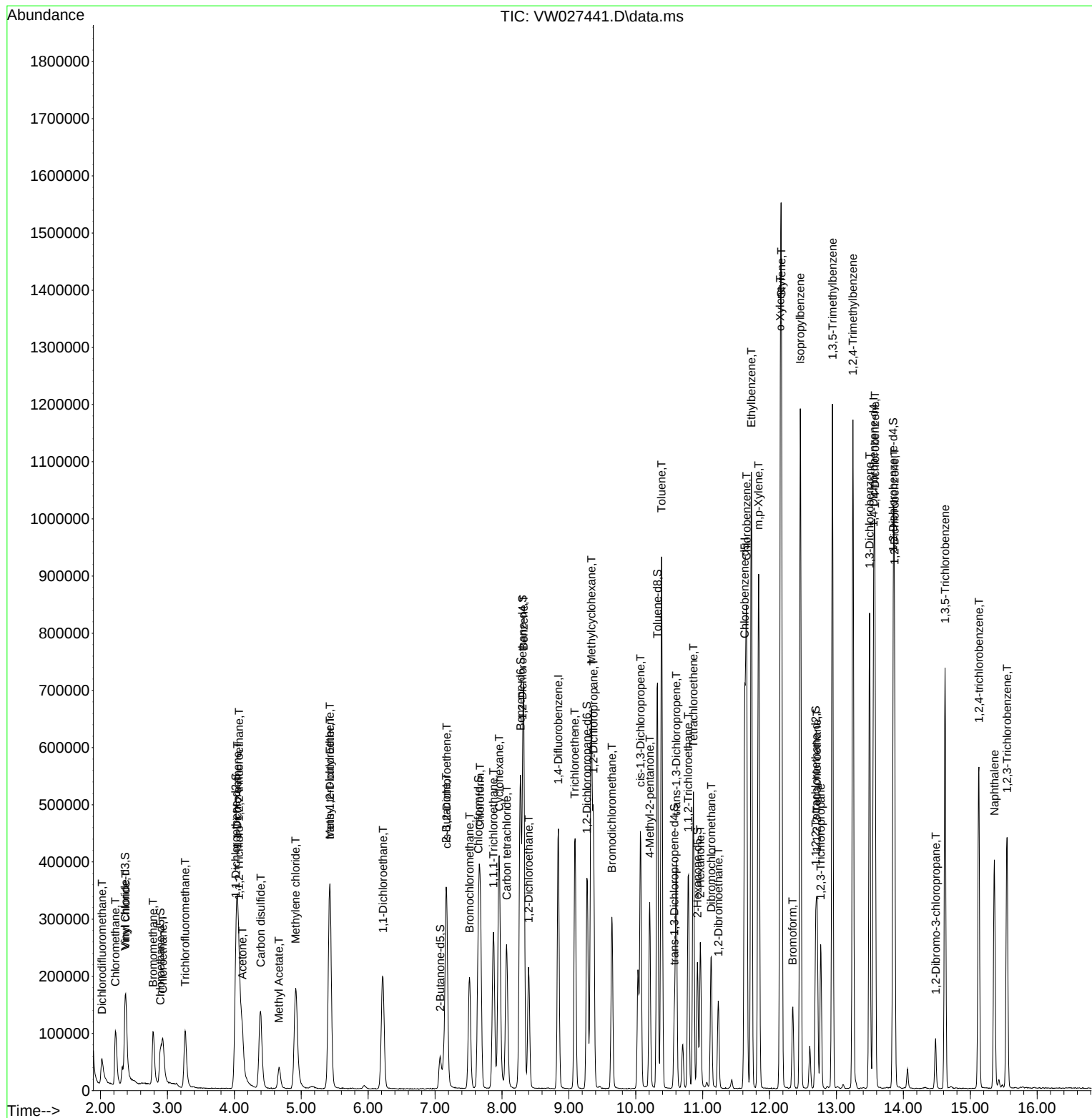
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	189625	28.450	ug/L	100
29) Cyclohexane	7.959	56	259582	25.875	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	223808	27.769	ug/L	97
31) Carbon tetrachloride	8.069	117	195033	26.837	ug/L	99
33) Benzene	8.325	78	615813	28.518	ug/L	100
34) Trichloroethene	9.087	95	159301	27.929	ug/L	93
35) Methylcyclohexane	9.337	83	265630	26.042	ug/L	99
37) 1,2-Dichloropropane	9.368	63	173112	29.650	ug/L	100
38) Bromodichloromethane	9.642	83	200050	27.865	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	261900	27.155	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	223858	55.751	ug/L	99
42) Toluene	10.386	91	648798	28.642	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	216176	26.564	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	117831	29.328	ug/L	96
46) Tetrachloroethene	10.861	164	107425	27.276	ug/L	90
48) 2-Hexanone	10.965	43	167704	56.430	ug/L	98
49) Dibromochloromethane	11.130	129	118449	26.546	ug/L	94
50) 1,2-Dibromoethane	11.233	107	104532	26.835	ug/L #	99
51) Chlorobenzene	11.654	112	415103	29.264	ug/L	97
52) Ethylbenzene	11.727	91	746596	28.363	ug/L	96
53) m,p-Xylene	11.837	106	275400	27.584	ug/L	99
54) o-Xylene	12.160	106	268988	28.134	ug/L	96
55) Styrene	12.178	104	465816	28.528	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	142516	29.057	ug/L	96
59) Bromoform	12.343	173	63745	24.575	ug/L	100
60) Isopropylbenzene	12.459	105	758842	27.711	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	105580	27.739	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	619435	27.118	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	613532	27.452	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	306721	27.621	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	306727	27.658	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	266102	27.005	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	22573	23.730	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	201837	27.999	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	165299	26.941	ug/L	98
71) Naphthalene	15.360	128	331472	26.270	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	141176	27.982	ug/L	89

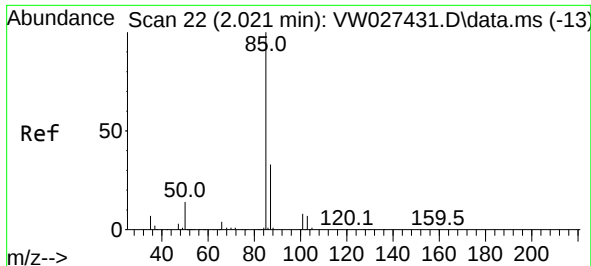
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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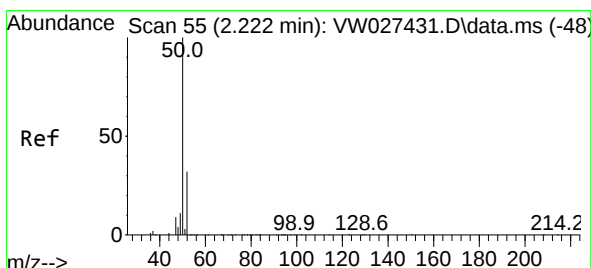
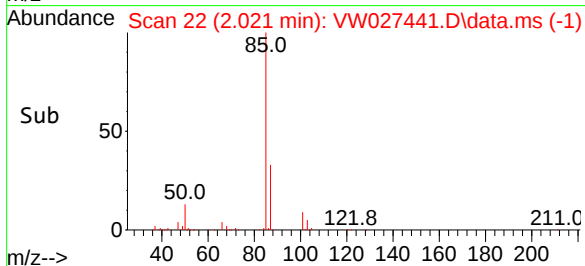
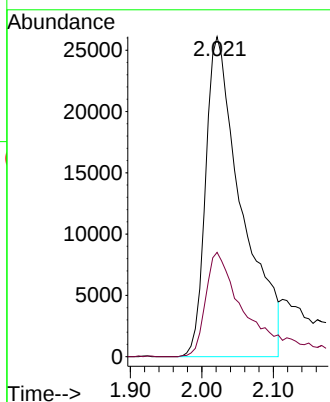
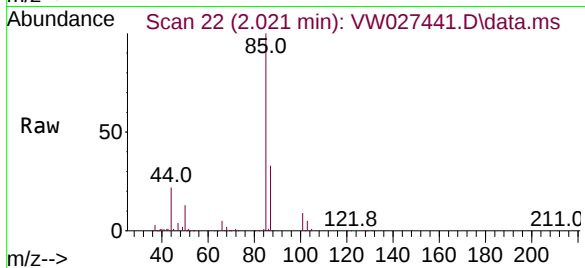




#2
 Dichlorodifluoromethane
 Concen: 21.172 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027441.D
 Acq: 26 Oct 2023 09:55

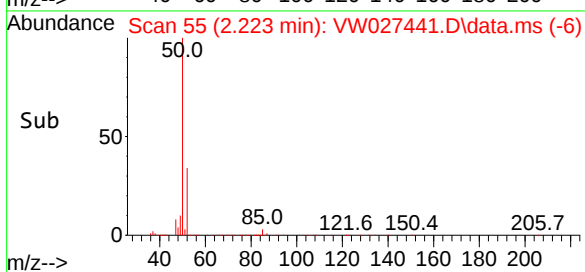
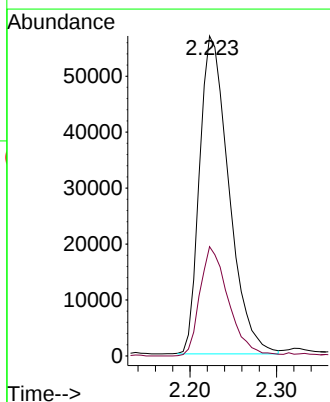
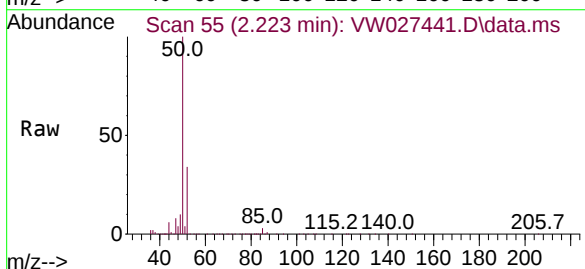
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 ClientSampleId :

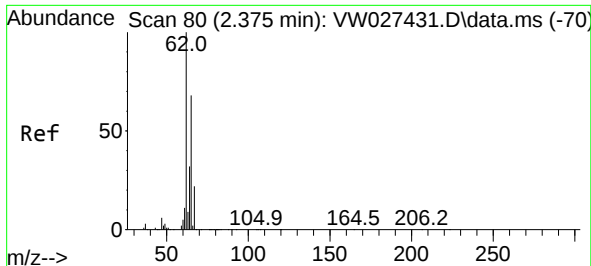
Tgt Ion: 85 Resp: 91851
 Ion Ratio Lower Upper
 85 100
 87 33.5 18.3 27.5#



#3
 Chloromethane
 Concen: 26.812 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027441.D
 Acq: 26 Oct 2023 09:55

Tgt Ion: 50 Resp: 133678
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.7 42.3

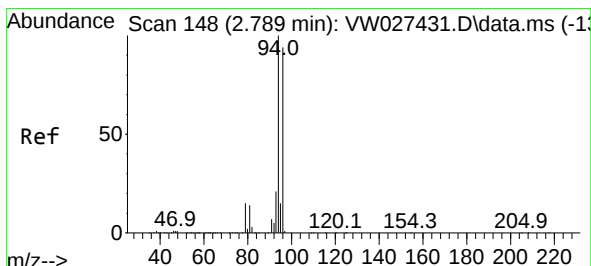
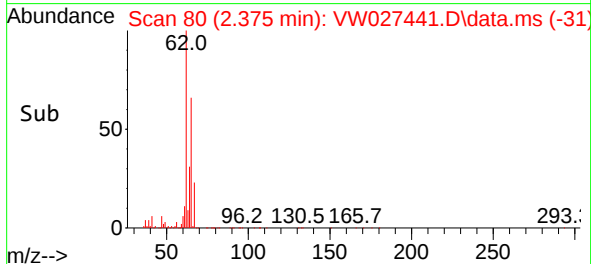
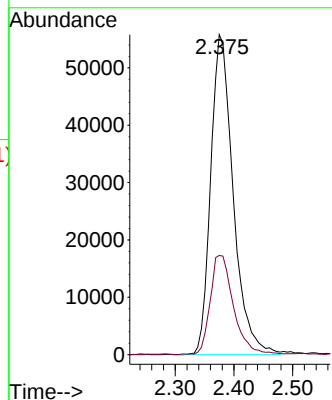
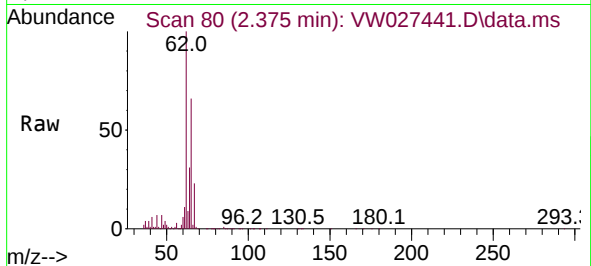




#5
 Vinyl chloride
 Concen: 26.647 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027441.D
 Acq: 26 Oct 2023 09:55

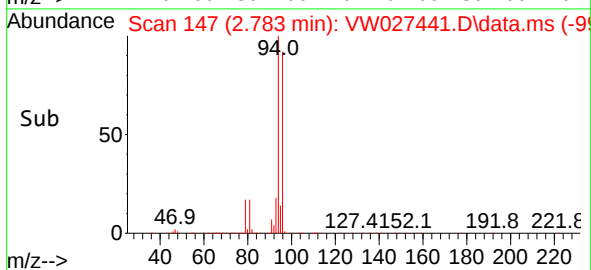
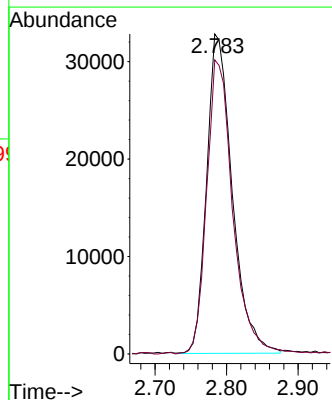
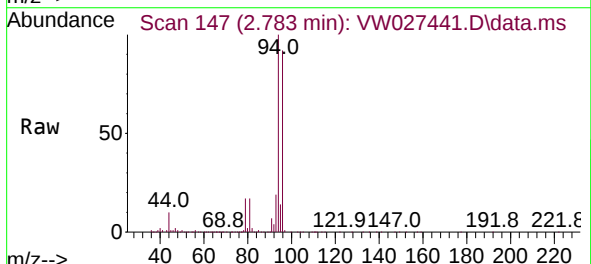
Instrument :
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 ClientSampleId :

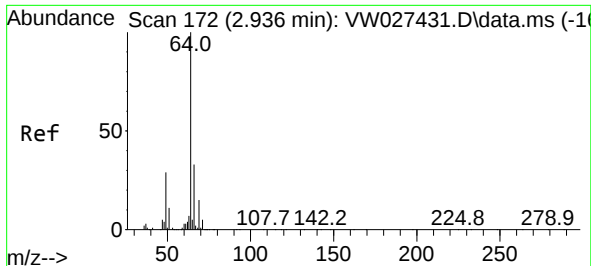
Tgt Ion: 62 Resp: 148402
 Ion Ratio Lower Upper
 62 100
 64 31.0 23.8 44.2



#6
 Bromomethane
 Concen: 25.739 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW027441.D
 Acq: 26 Oct 2023 09:55

Tgt Ion: 94 Resp: 81647
 Ion Ratio Lower Upper
 94 100
 96 91.9 62.9 116.9

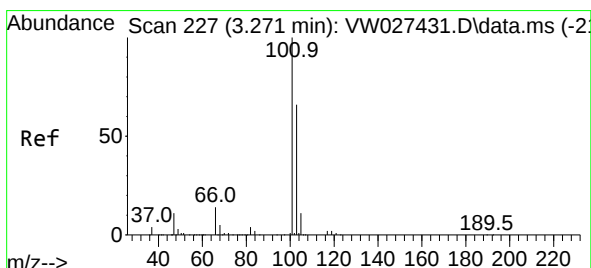
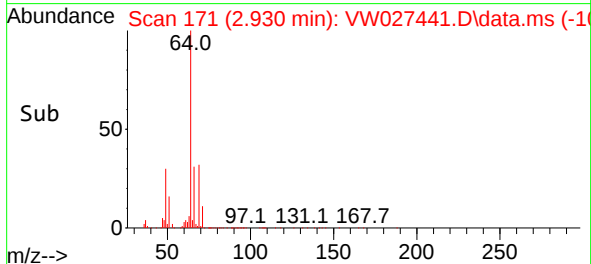
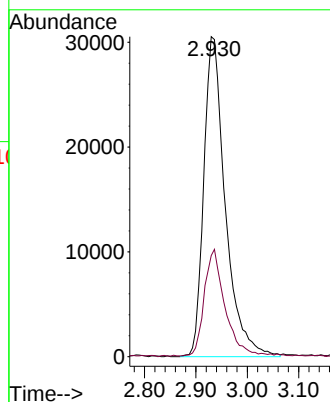
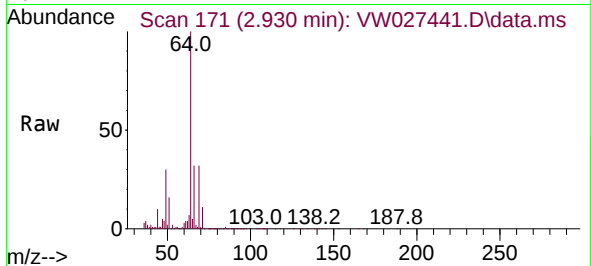




#8
Chloroethane
Concen: 27.701 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

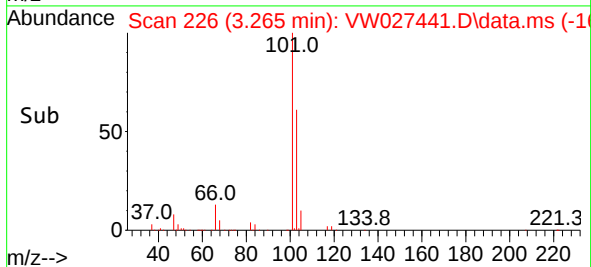
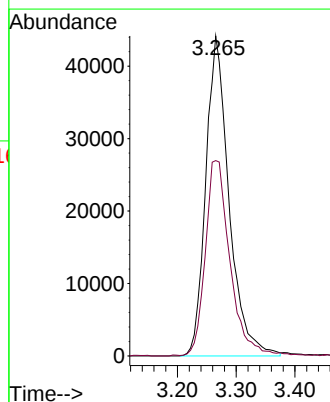
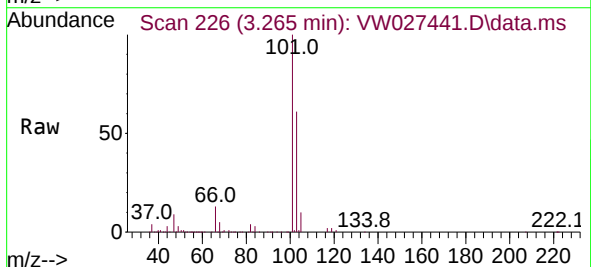
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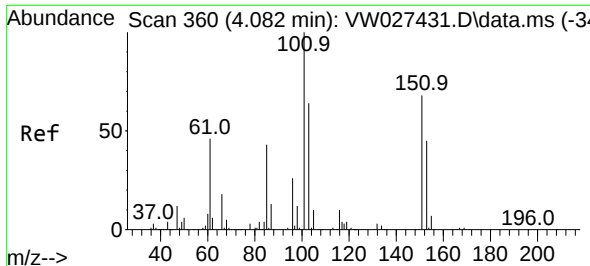
Tgt Ion: 64 Resp: 88800
Ion Ratio Lower Upper
64 100
66 31.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 30.945 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

Tgt Ion:101 Resp: 121584
Ion Ratio Lower Upper
101 100
103 63.5 51.6 77.4

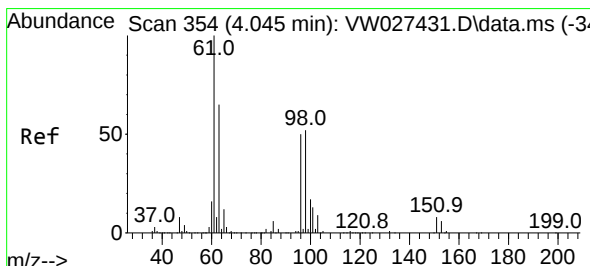
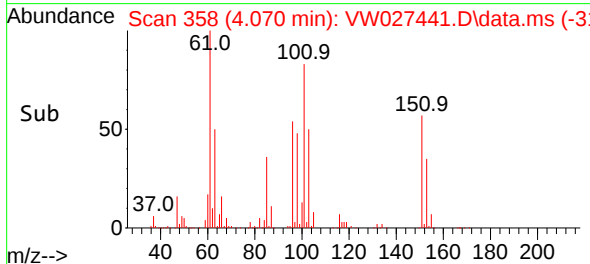
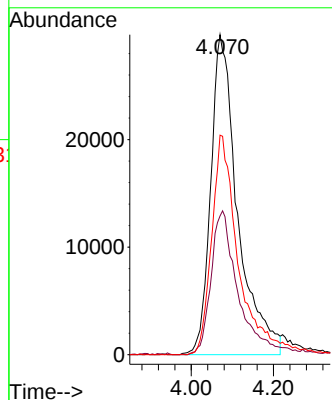
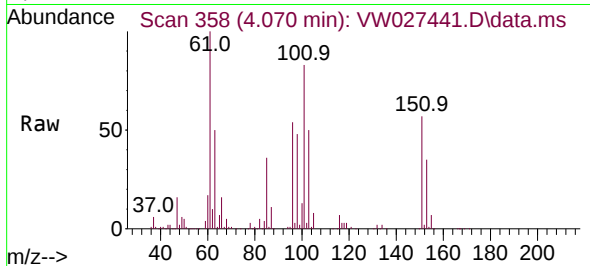




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.494 ug/L
 RT: 4.070 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW027441.D
 Acq: 26 Oct 2023 09:55

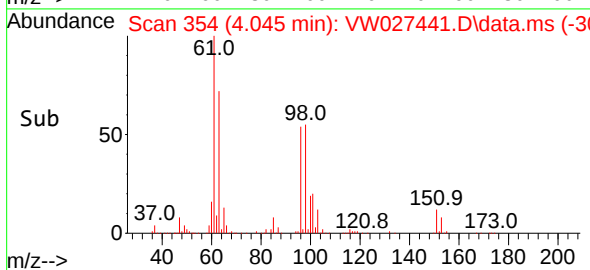
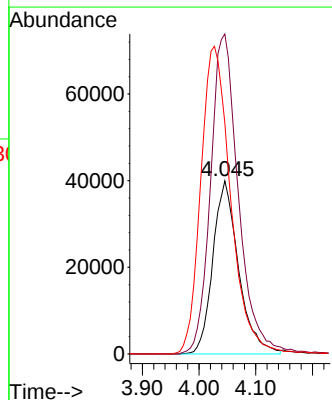
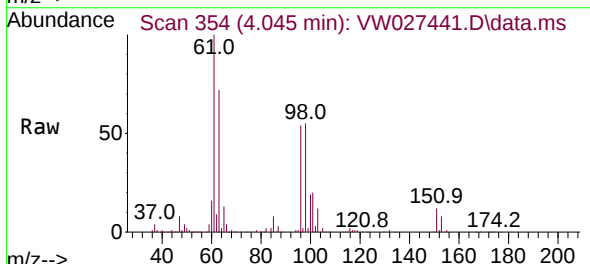
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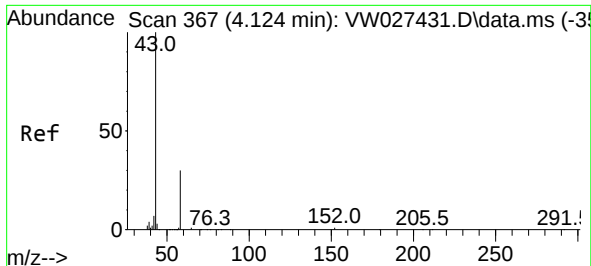
Tgt Ion:101 Resp: 135269
 Ion Ratio Lower Upper
 101 100
 85 45.6 34.1 51.1
 151 62.2 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 26.287 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027441.D
 Acq: 26 Oct 2023 09:55

Tgt Ion: 96 Resp: 125686
 Ion Ratio Lower Upper
 96 100
 61 184.8 133.3 247.5
 63 133.4 115.8 215.2





#13

Acetone

Concen: 59.258 ug/L

RT: 4.119 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

Instrument :

MSVOA_W

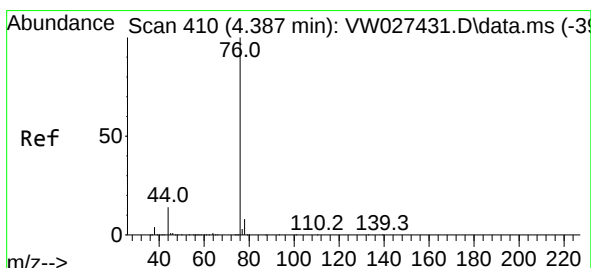
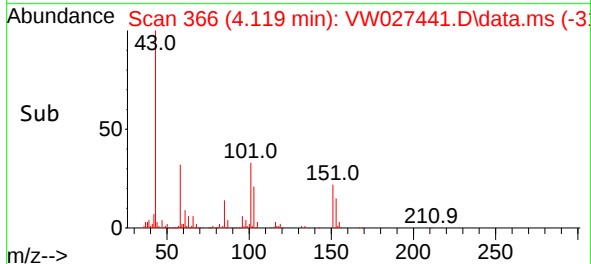
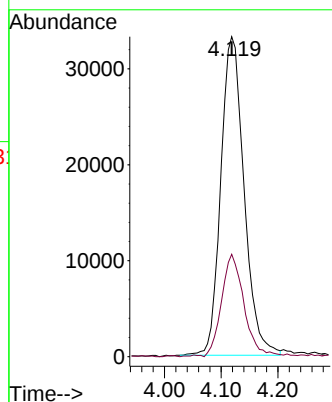
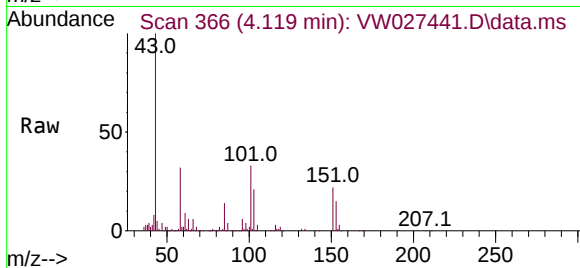
ClientSampleId :

Tgt Ion: 43 Resp: 94663

Ion Ratio Lower Upper

43 100

58 30.4 0.0 60.8



#14

Carbon disulfide

Concen: 21.978 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

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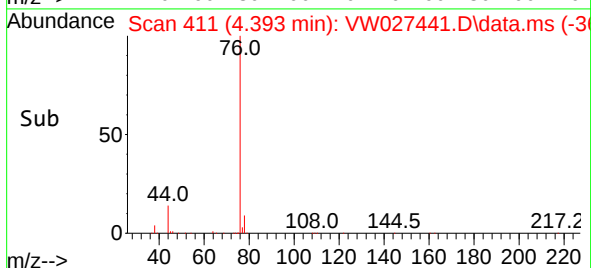
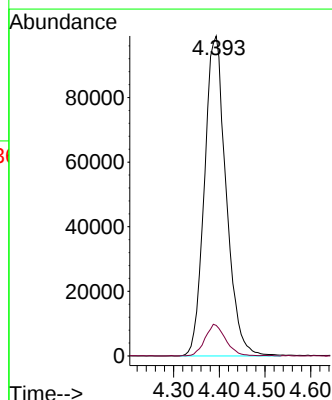
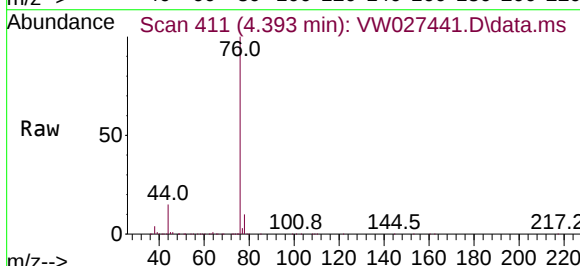
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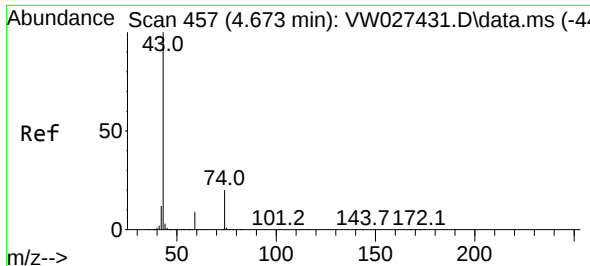
Tgt Ion: 76 Resp: 325757

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8

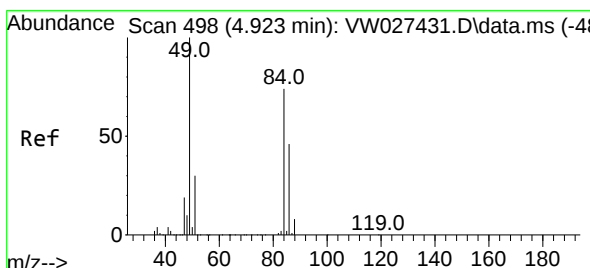
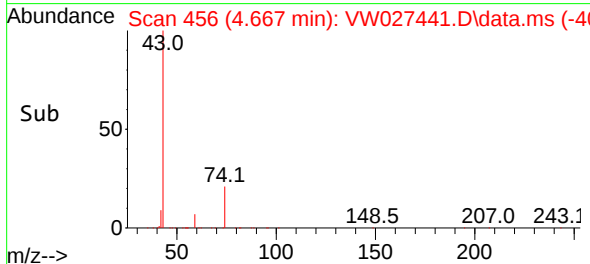
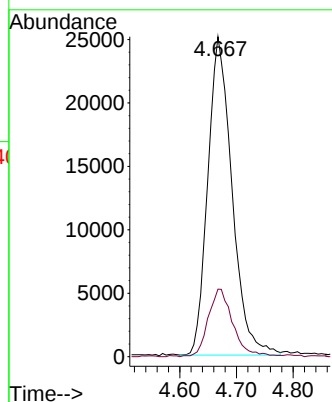
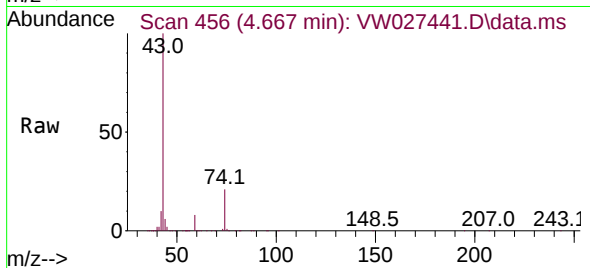




#15
Methyl Acetate
Concen: 27.295 ug/L
RT: 4.667 min Scan# 4
Delta R.T. -0.006 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

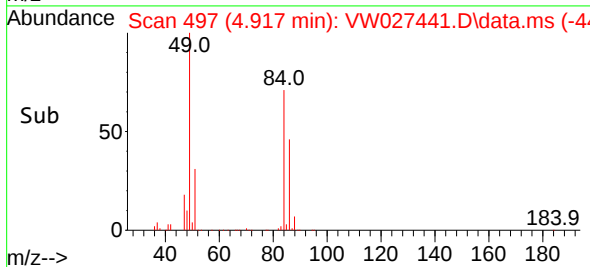
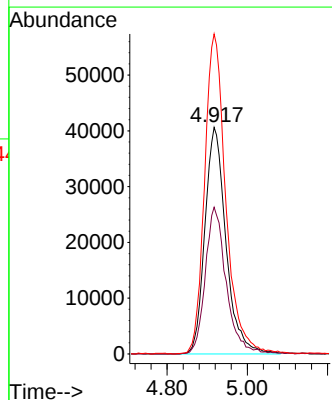
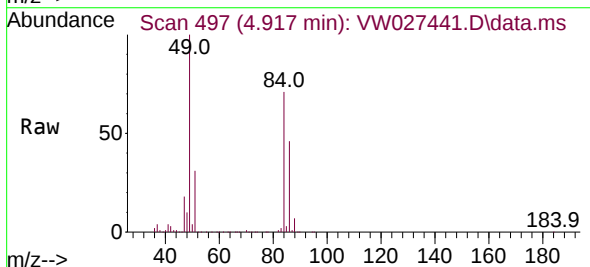
Instrument :
MSVOA_W
ClientSampleId :

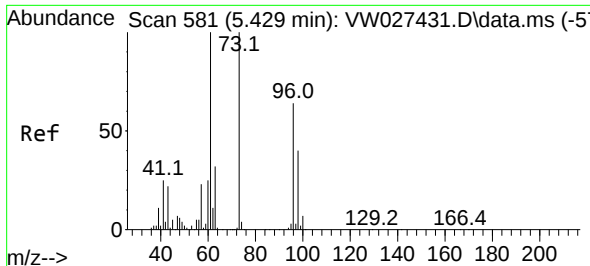
Tgt Ion: 43 Resp: 74474
Ion Ratio Lower Upper
43 100
74 20.4 17.5 26.3



#16
Methylene chloride
Concen: 22.259 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

Tgt Ion: 84 Resp: 148561
Ion Ratio Lower Upper
84 100
86 64.7 41.3 76.7
49 141.2 92.8 172.4

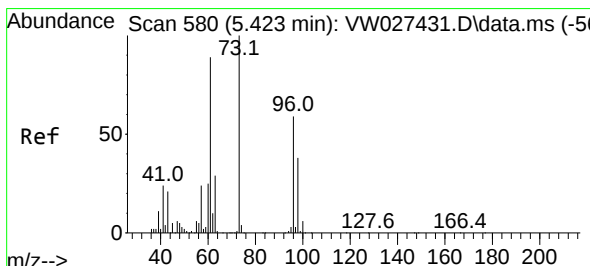
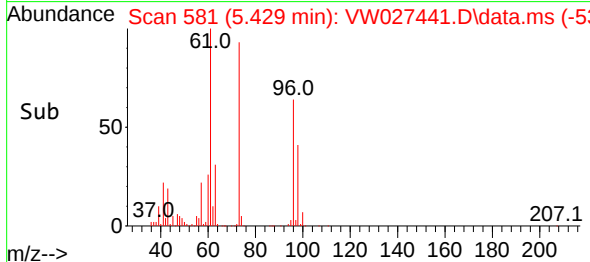
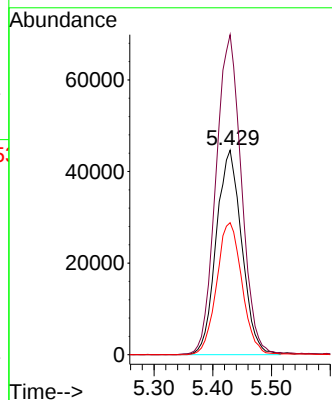
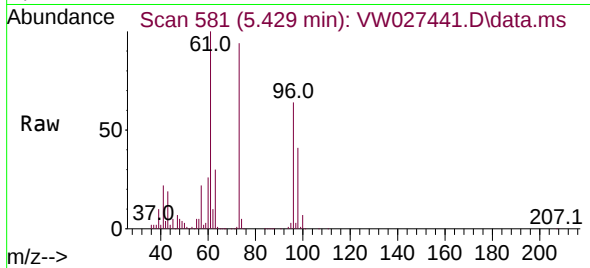




#17
trans-1,2-Dichloroethene
Concen: 26.230 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

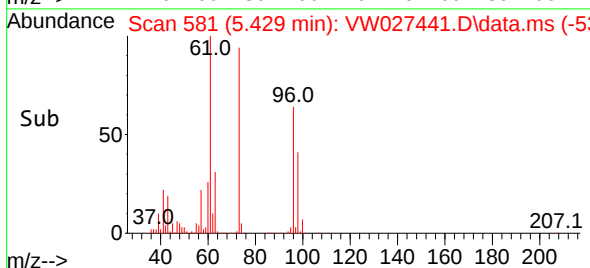
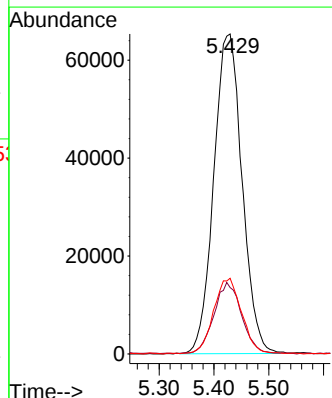
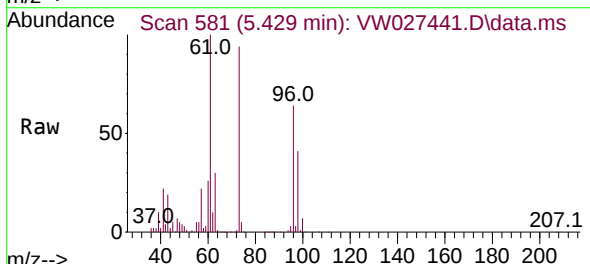
Instrument :
MSVOA_W
ClientSampleId :

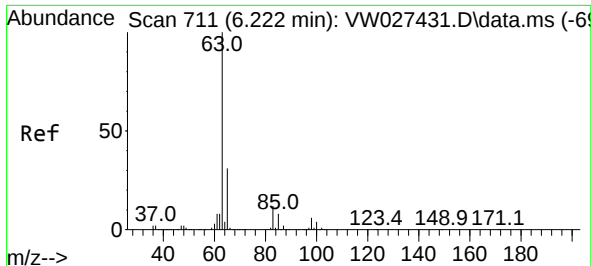
Tgt Ion: 96 Resp: 134783
Ion Ratio Lower Upper
96 100
61 156.5 105.6 196.0
98 64.5 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 26.404 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

Tgt Ion: 73 Resp: 234083
Ion Ratio Lower Upper
73 100
43 21.3 17.7 26.5
57 23.1 18.5 27.7





#19

1,1-Dichloroethane

Concen: 28.966 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

Instrument :

MSVOA_W

ClientSampleId :

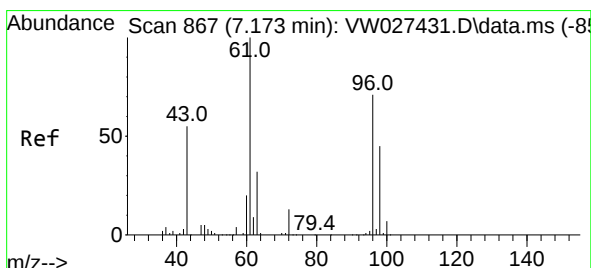
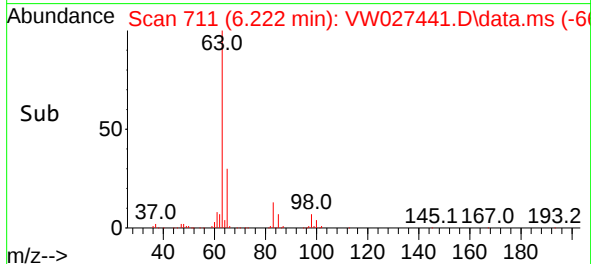
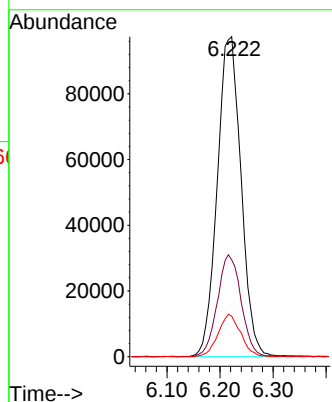
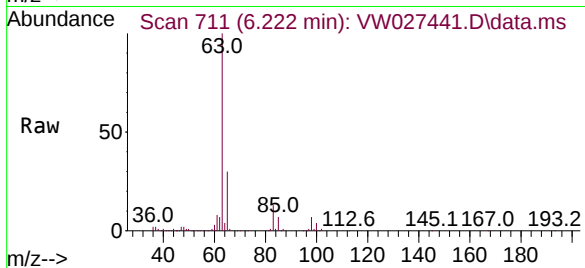
Tgt Ion: 63 Resp: 303674

Ion Ratio Lower Upper

63 100

65 30.3 22.9 42.5

83 12.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 27.778 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

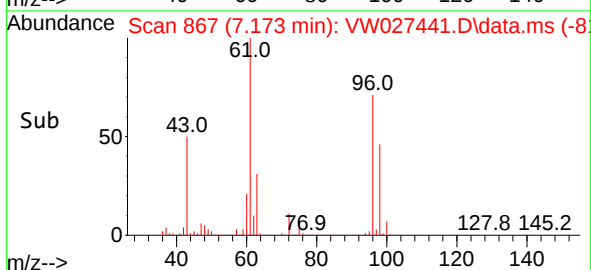
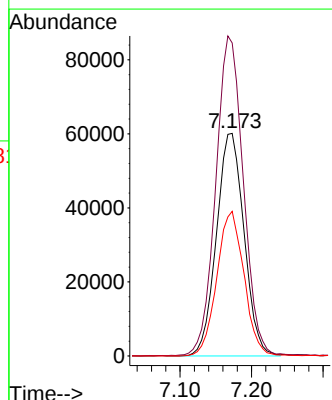
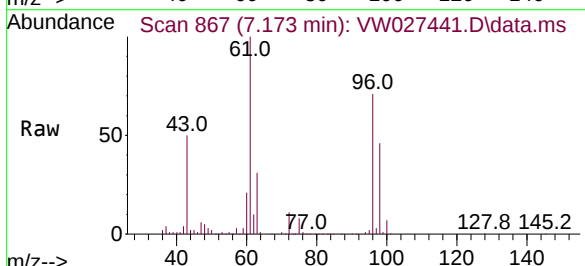
Tgt Ion: 96 Resp: 161193

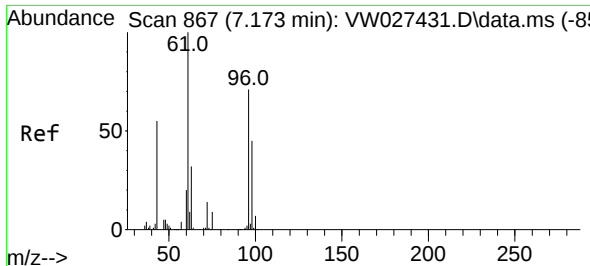
Ion Ratio Lower Upper

96 100

61 140.6 96.2 178.8

98 65.0 46.0 85.4

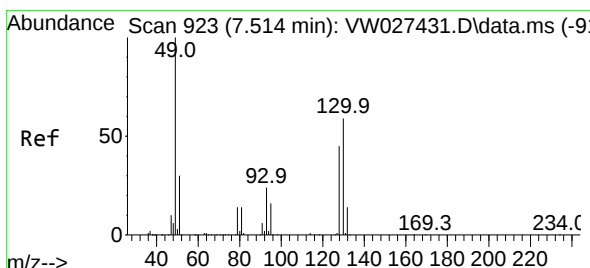
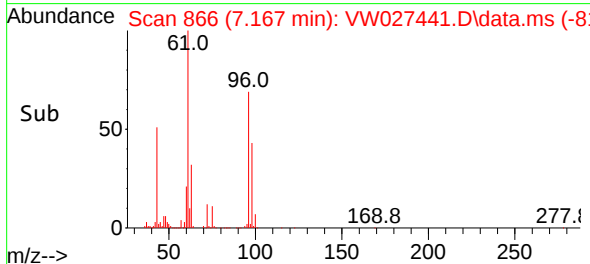
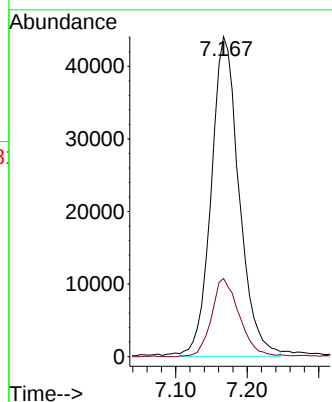
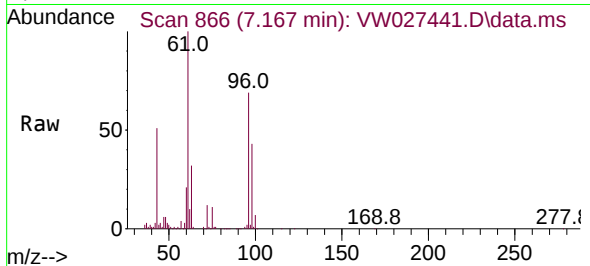




#22
2-Butanone
Concen: 49.942 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

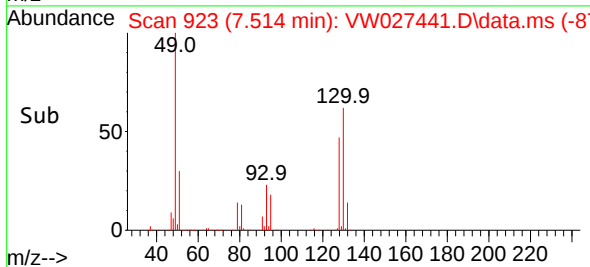
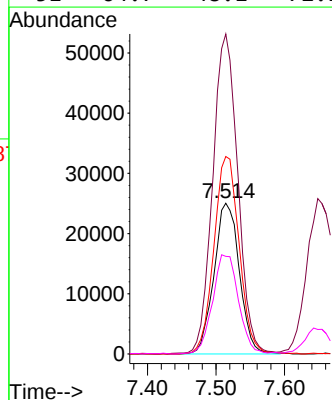
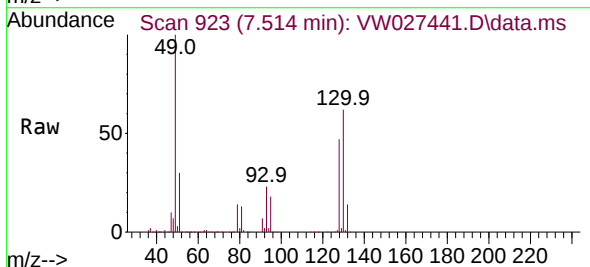
Instrument :
MSVOA_W
ClientSampleId :

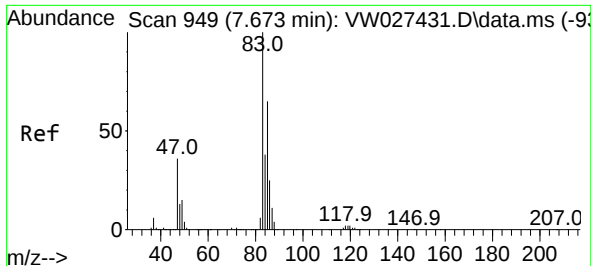
Tgt Ion: 43 Resp: 119416
Ion Ratio Lower Upper
43 100
72 24.2 12.3 36.8



#23
Bromochloromethane
Concen: 26.878 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

Tgt Ion: 128 Resp: 64394
Ion Ratio Lower Upper
128 100
49 212.4 128.9 239.5
130 131.0 85.0 157.8
51 64.7 48.1 72.1





#25

Chloroform

Concen: 29.537 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

Instrument :

MSVOA_W

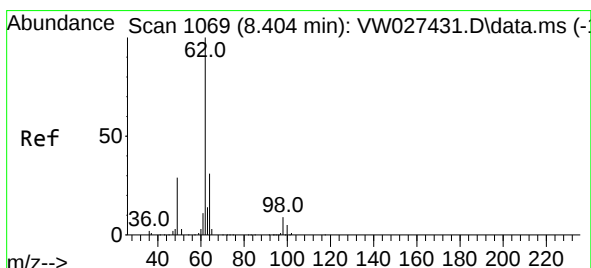
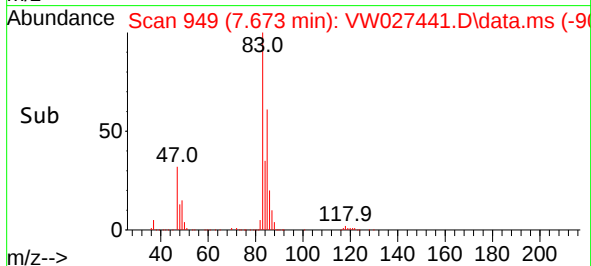
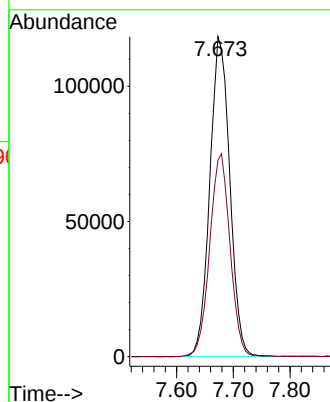
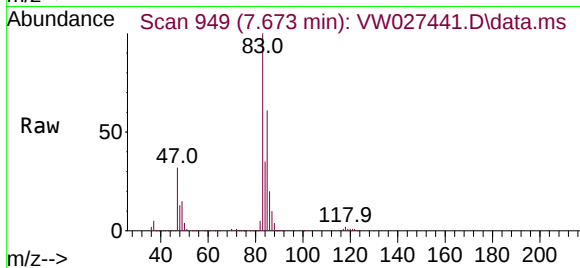
ClientSampleId :

Tgt Ion: 83 Resp: 289824

Ion Ratio Lower Upper

83 100

85 61.4 44.1 81.9



#27

1,2-Dichloroethane

Concen: 28.450 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW027441.D

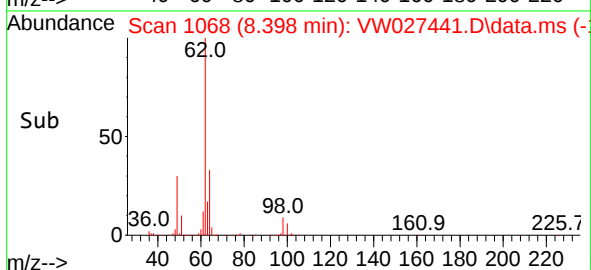
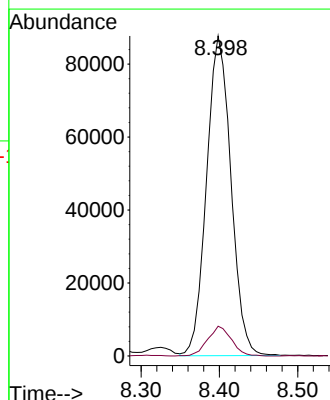
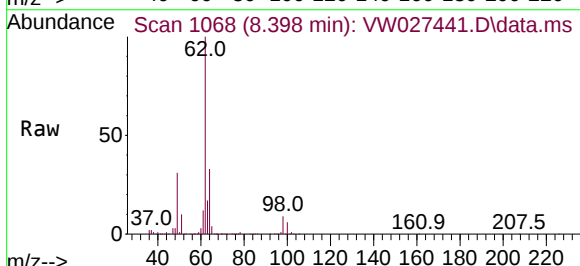
Acq: 26 Oct 2023 09:55

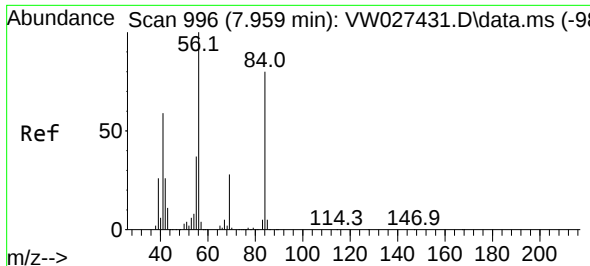
Tgt Ion: 62 Resp: 189625

Ion Ratio Lower Upper

62 100

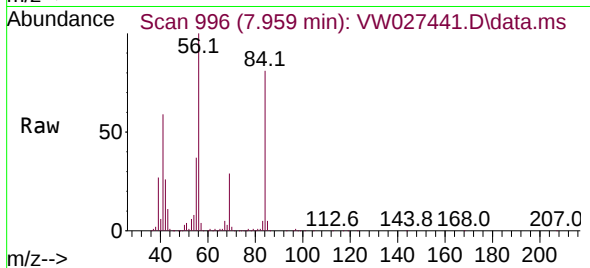
98 9.3 7.5 11.3



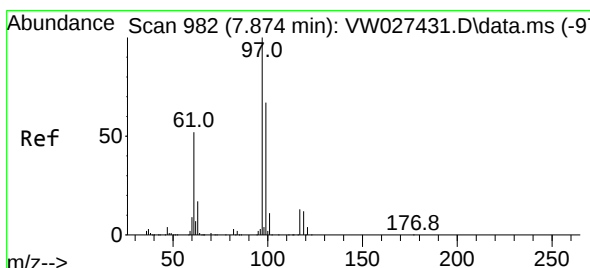
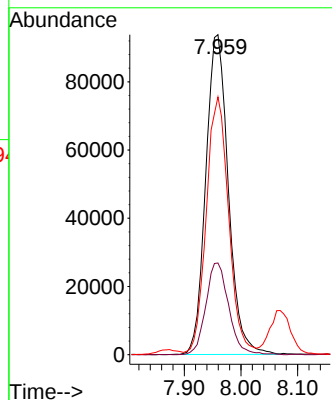
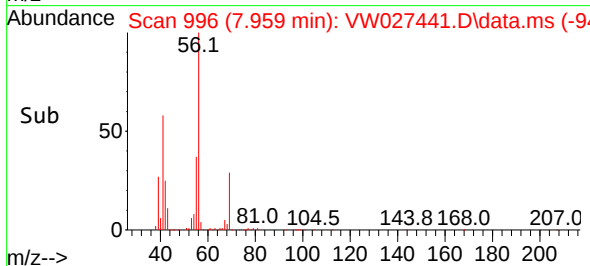


#29
Cyclohexane
Concen: 25.875 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

Instrument :
MSVOA_W
ClientSampleId :

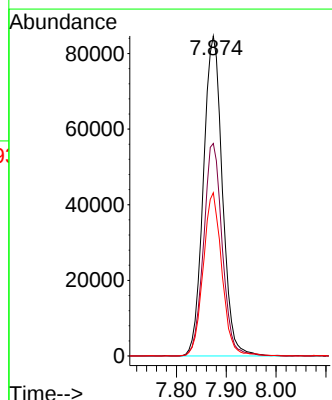
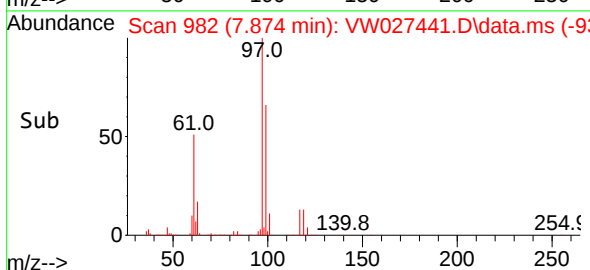
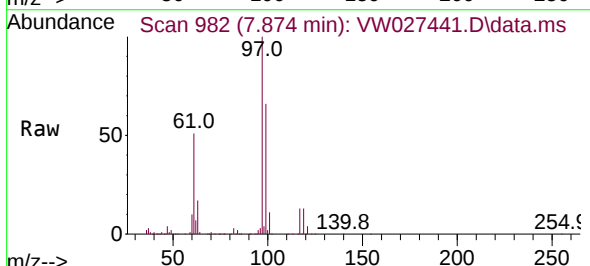


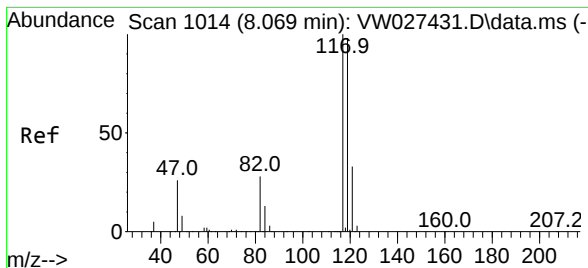
Tgt Ion: 56 Resp: 259582
Ion Ratio Lower Upper
56 100
69 28.9 24.2 36.4
84 79.6 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 27.769 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

Tgt Ion: 97 Resp: 223808
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.0
61 50.0 37.4 56.0

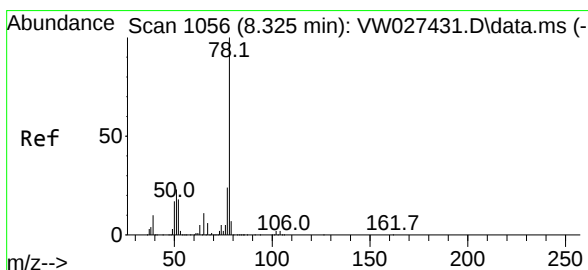
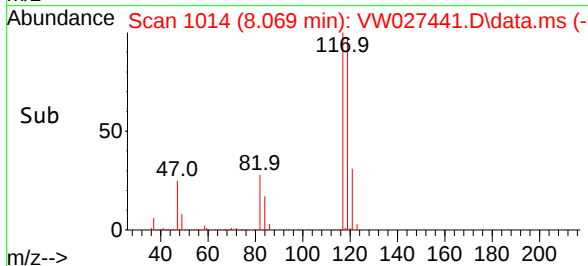
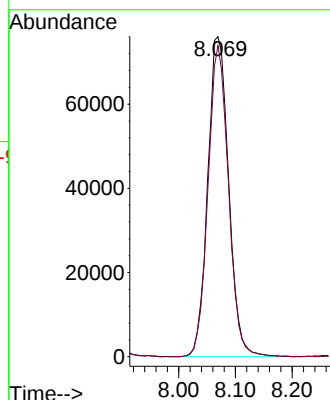
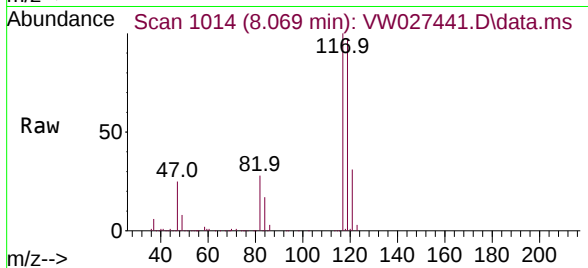




#31
Carbon tetrachloride
Concen: 26.837 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

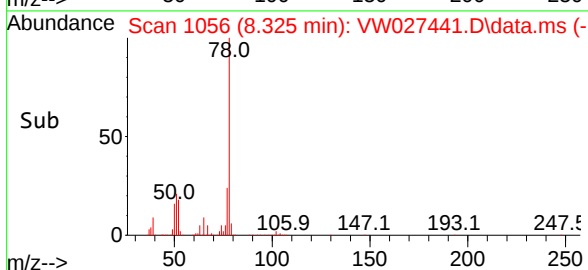
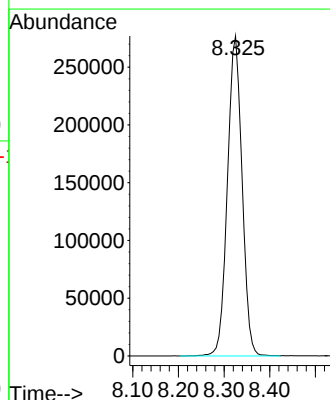
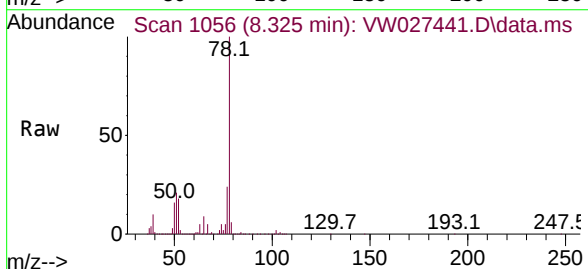
Instrument :
MSVOA_W
ClientSampleId :

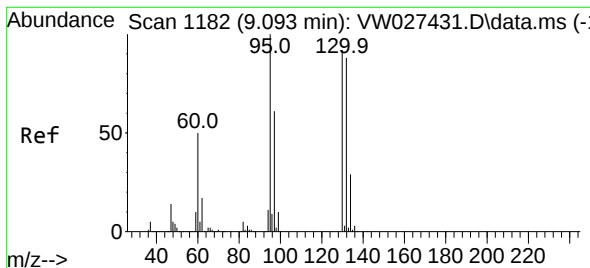
Tgt Ion:117 Resp: 195033
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7



#33
Benzene
Concen: 28.518 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

Tgt Ion: 78 Resp: 615813





#34

Trichloroethene

Concen: 27.929 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

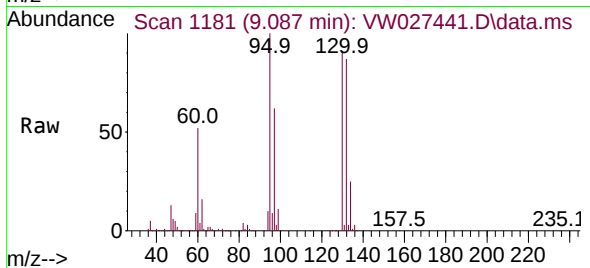
Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 159301

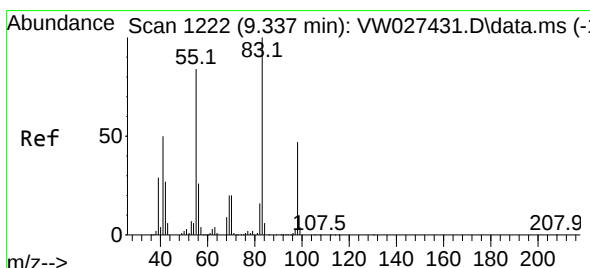
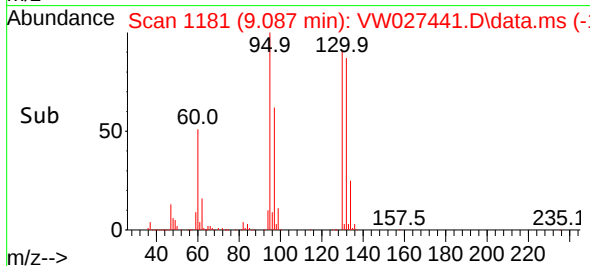
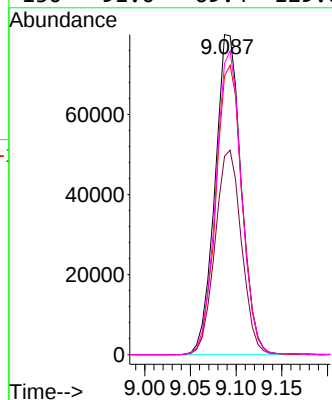
Ion Ratio Lower Upper

95 100

97 62.0 43.4 80.6

132 87.1 67.6 125.6

130 91.0 69.4 129.0



#35

Methylcyclohexane

Concen: 26.042 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

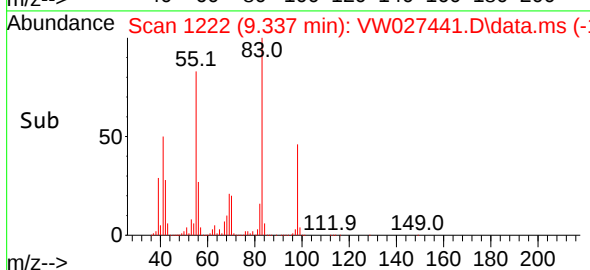
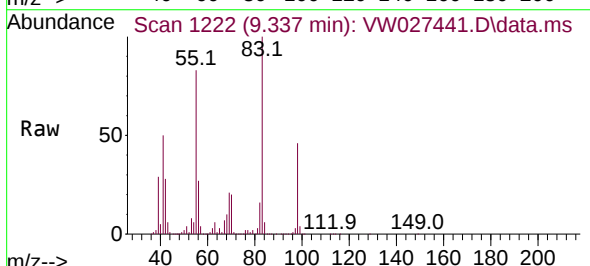
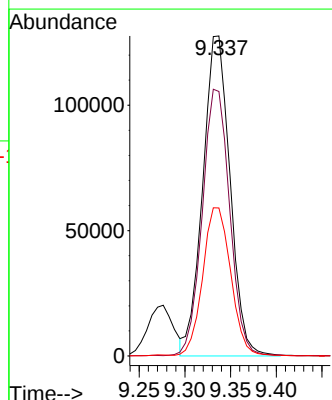
Tgt Ion: 83 Resp: 265630

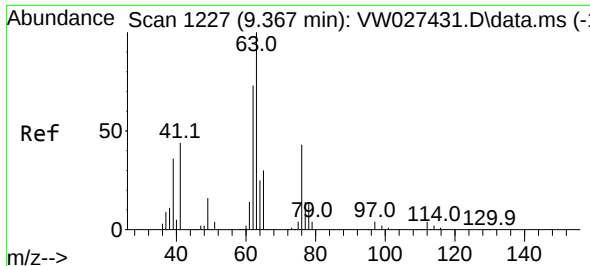
Ion Ratio Lower Upper

83 100

55 83.8 65.8 98.8

98 47.6 38.1 57.1





#37

1,2-Dichloropropane

Concen: 29.650 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

Instrument :

MSVOA_W

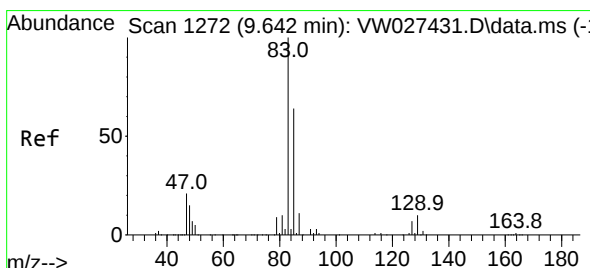
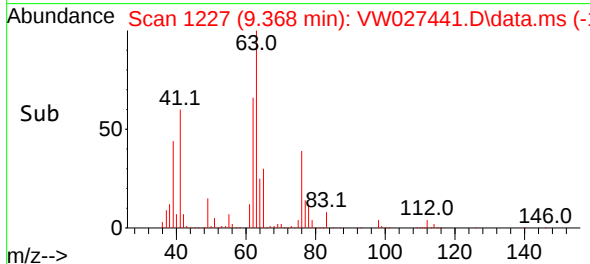
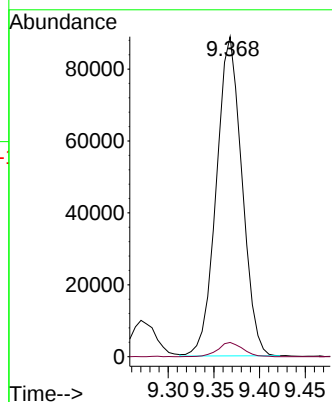
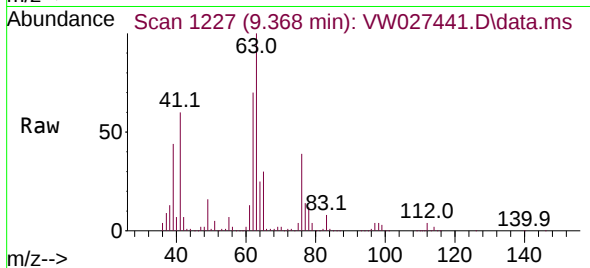
ClientSampleId :

Tgt Ion: 63 Resp: 173112

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 27.865 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

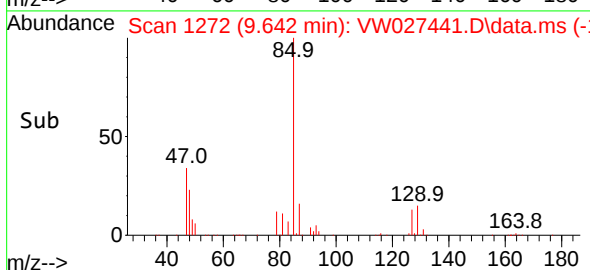
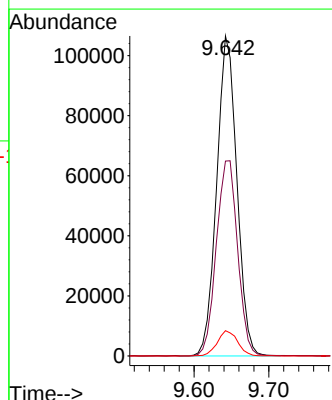
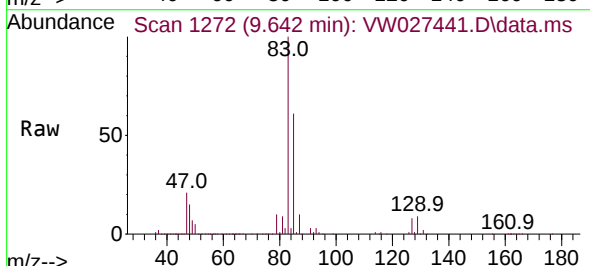
Tgt Ion: 83 Resp: 200050

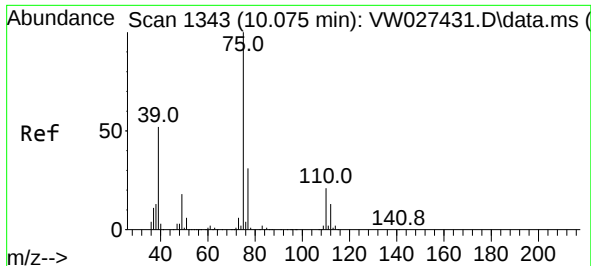
Ion Ratio Lower Upper

83 100

85 60.9 43.9 81.5

127 7.9 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 27.155 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

Instrument :

MSVOA_W

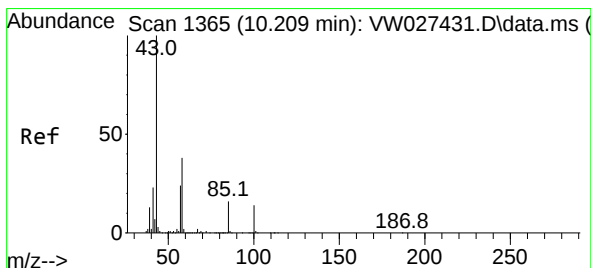
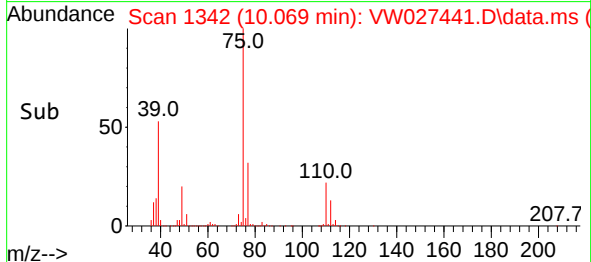
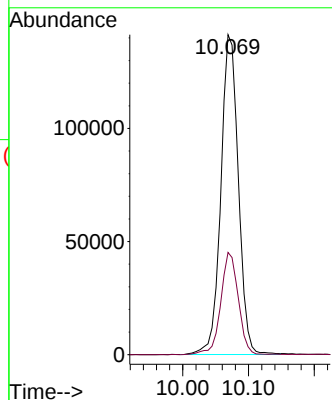
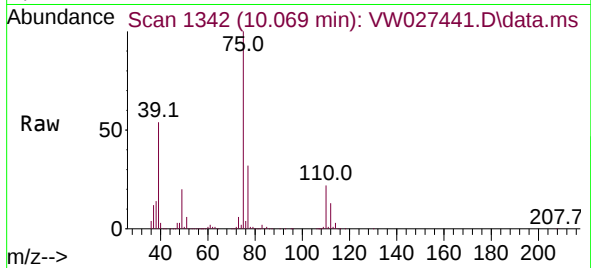
ClientSampleId :

Tgt Ion: 75 Resp: 261900

Ion Ratio Lower Upper

75 100

77 32.0 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 55.751 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

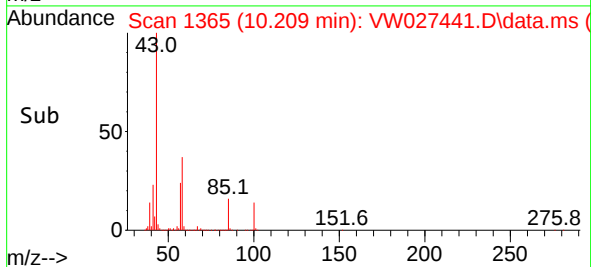
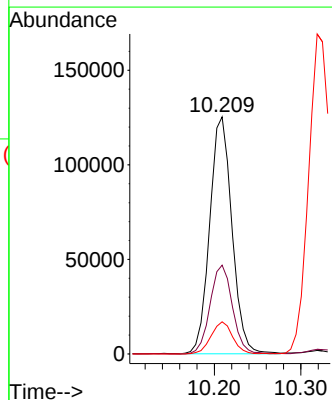
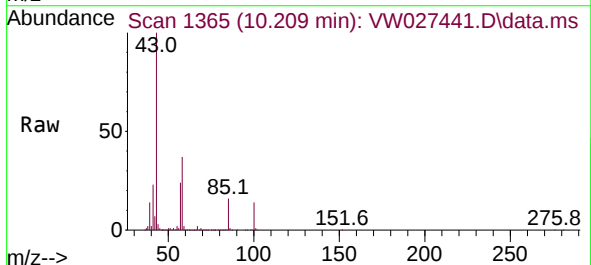
Tgt Ion: 43 Resp: 223858

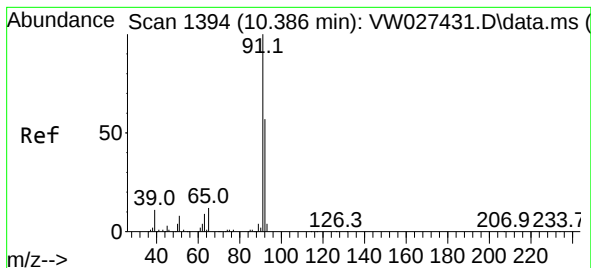
Ion Ratio Lower Upper

43 100

58 37.6 30.5 45.7

100 13.2 11.5 17.3





#42

Toluene

Concen: 28.642 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

Instrument :

MSVOA_W

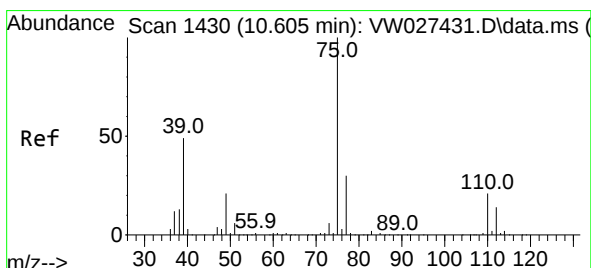
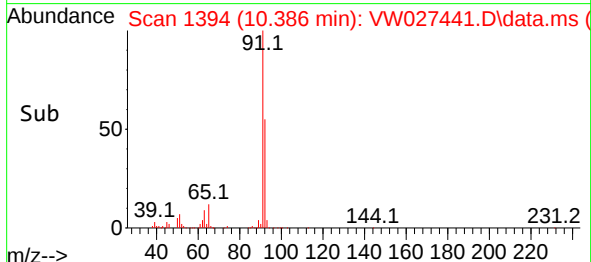
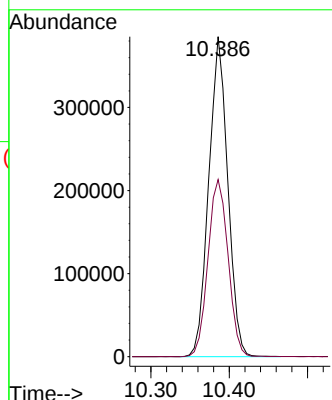
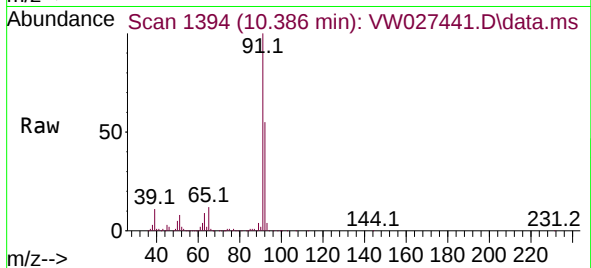
ClientSampleId :

Tgt Ion: 91 Resp: 648798

Ion Ratio Lower Upper

91 100

92 55.3 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 26.564 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027441.D

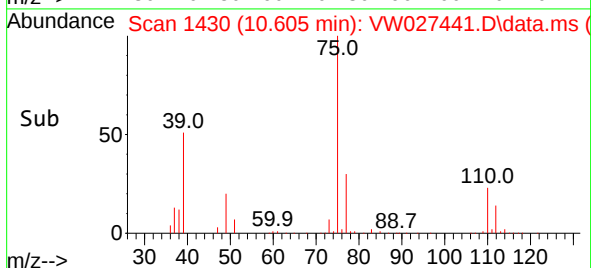
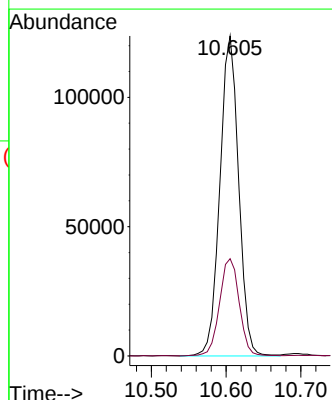
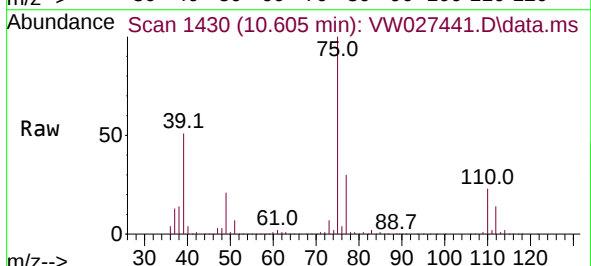
Acq: 26 Oct 2023 09:55

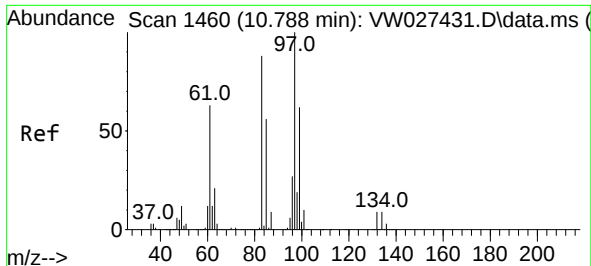
Tgt Ion: 75 Resp: 216176

Ion Ratio Lower Upper

75 100

77 30.4 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 29.328 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 117831

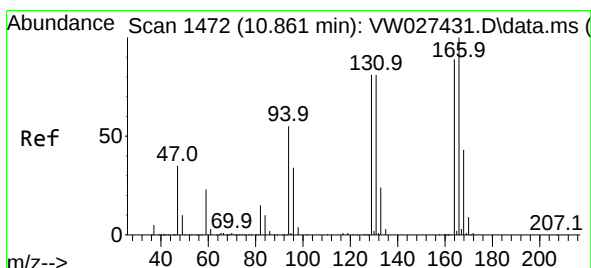
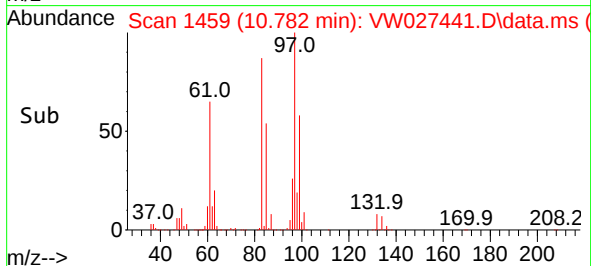
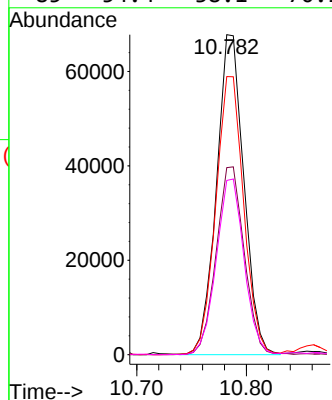
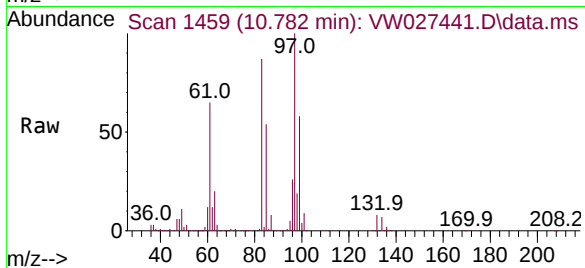
Ion Ratio Lower Upper

97 100

99 58.4 43.8 81.4

83 86.9 57.5 106.7

85 54.4 38.1 70.9



#46

Tetrachloroethene

Concen: 27.276 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

Tgt Ion:164 Resp: 107425

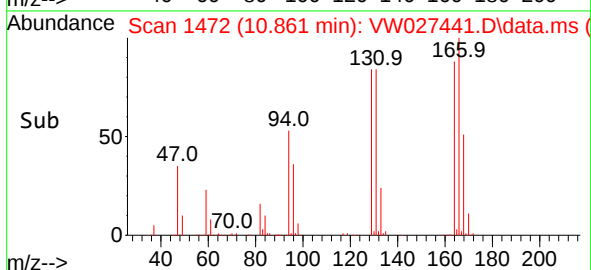
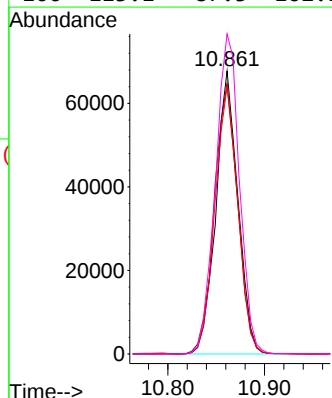
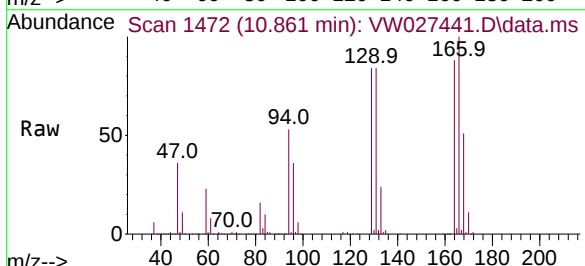
Ion Ratio Lower Upper

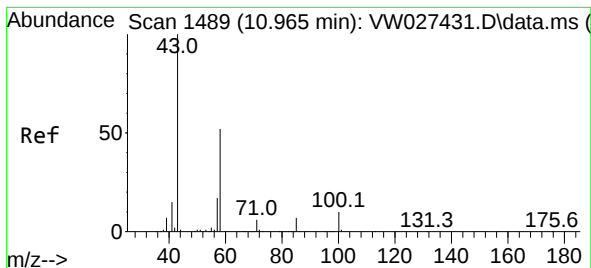
164 100

129 95.6 74.7 138.7

131 94.5 73.2 136.0

166 113.1 87.3 162.1





#48

2-Hexanone

Concen: 56.430 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 167704

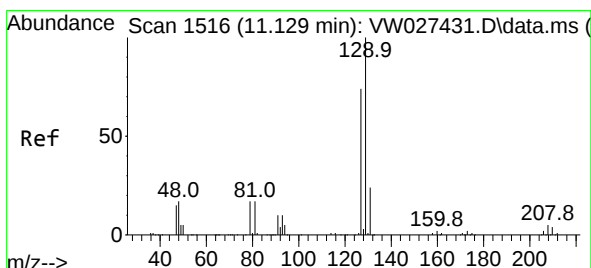
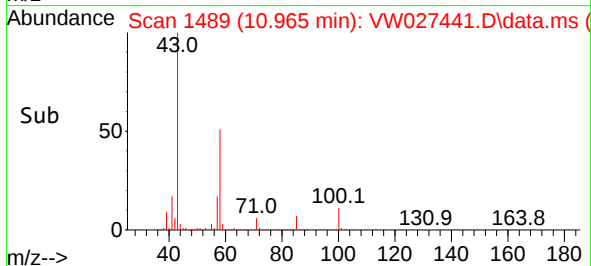
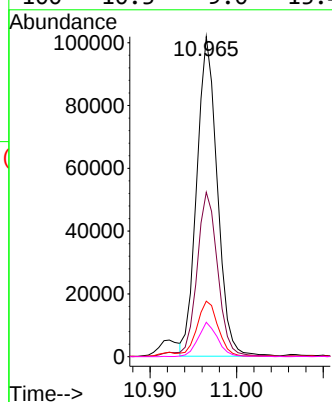
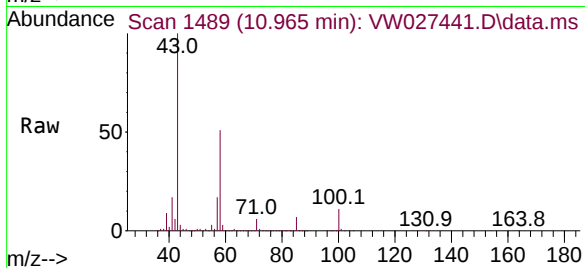
Ion Ratio Lower Upper

43 100

58 51.8 42.2 63.4

57 17.9 15.1 22.7

100 10.3 9.0 13.4



#49

Dibromochloromethane

Concen: 26.546 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW027441.D

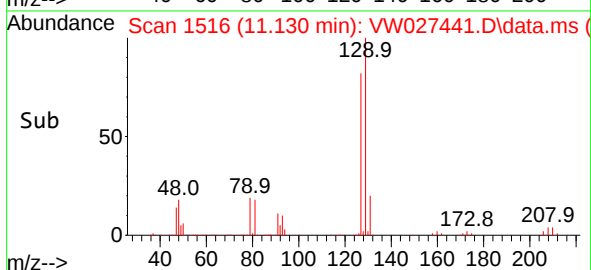
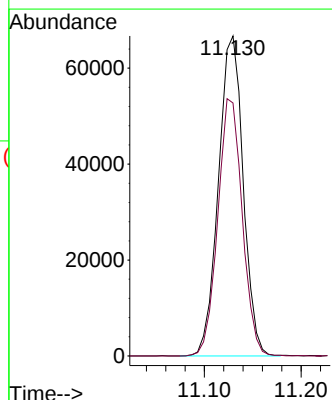
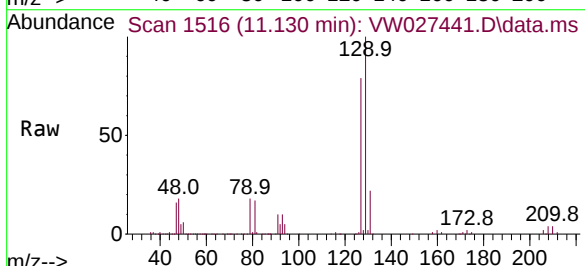
Acq: 26 Oct 2023 09:55

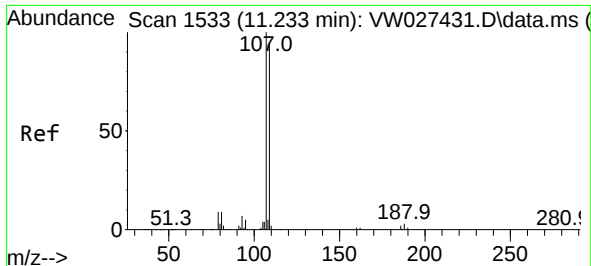
Tgt Ion:129 Resp: 118449

Ion Ratio Lower Upper

129 100

127 79.1 51.7 95.9





#50

1,2-Dibromoethane

Concen: 26.835 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

Instrument :

MSVOA_W

ClientSampleId :

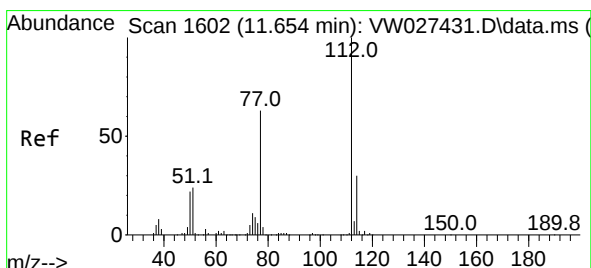
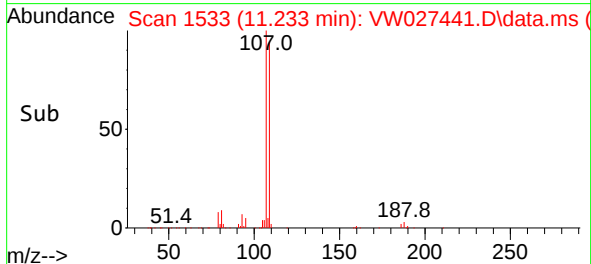
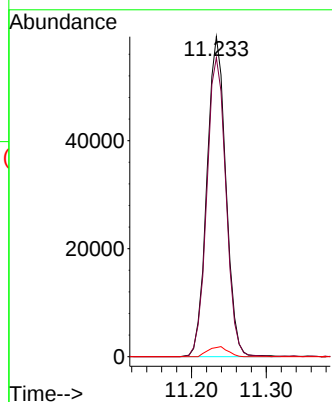
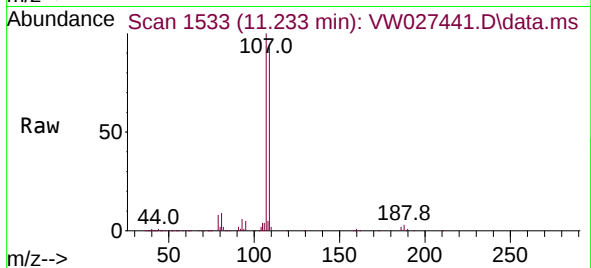
Tgt Ion:107 Resp: 104532

Ion Ratio Lower Upper

107 100

109 93.5 66.3 123.1

188 2.9 3.0 4.4#



#51

Chlorobenzene

Concen: 29.264 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

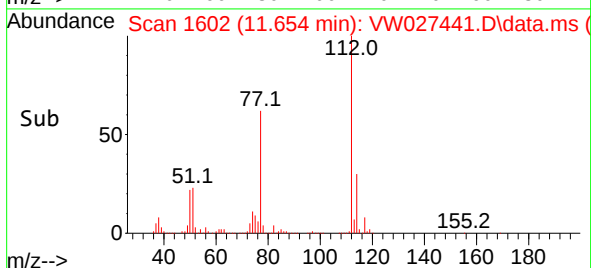
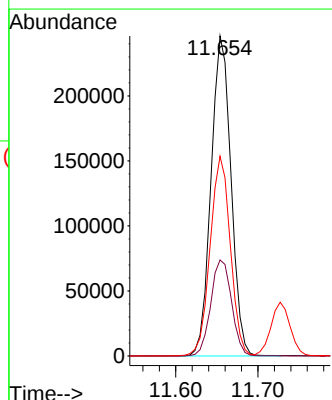
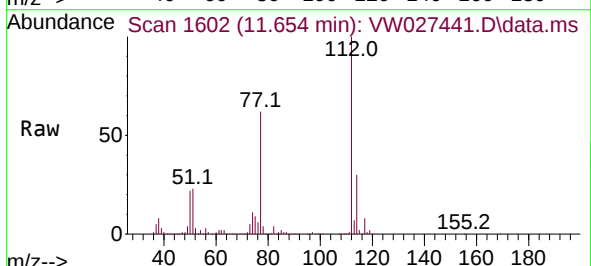
Tgt Ion:112 Resp: 415103

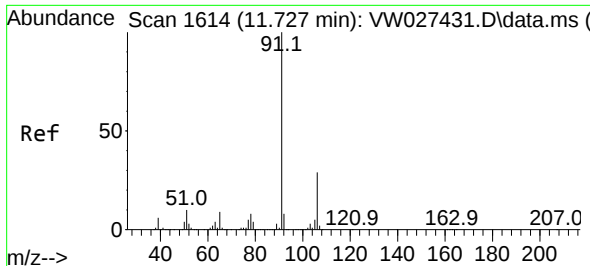
Ion Ratio Lower Upper

112 100

114 30.0 21.8 40.6

77 62.4 52.2 78.4

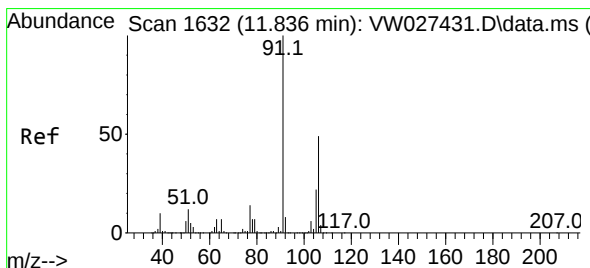
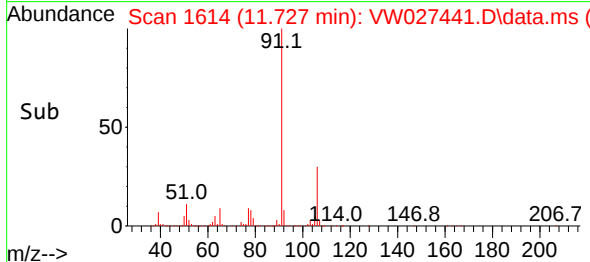
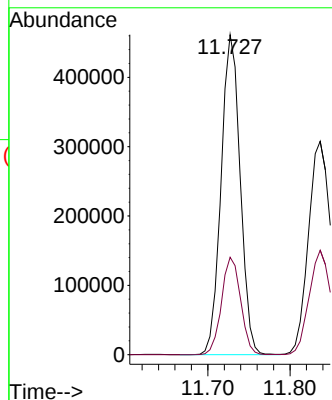
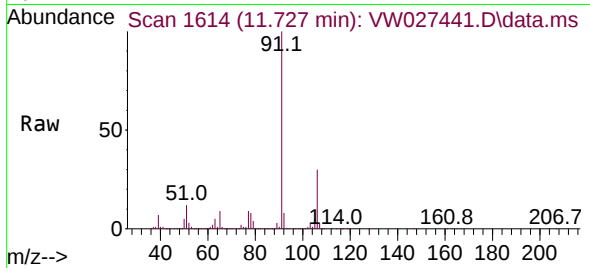




#52
Ethylbenzene
Concen: 28.363 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

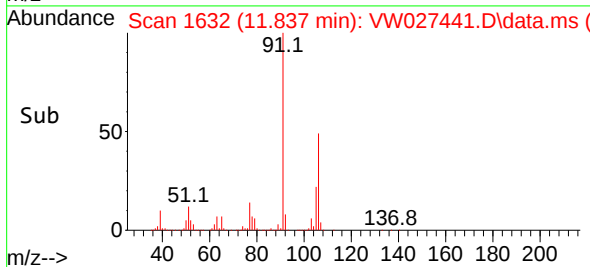
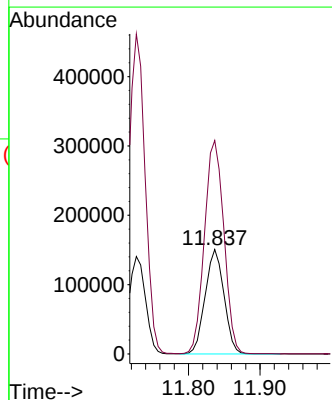
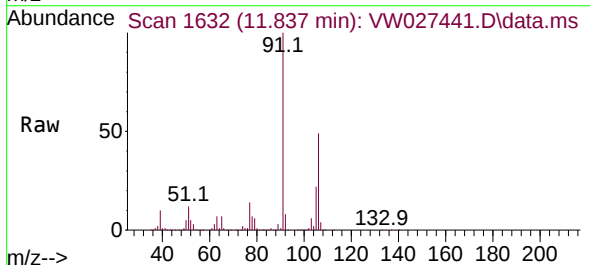
Instrument :
MSVOA_W
ClientSampleId :

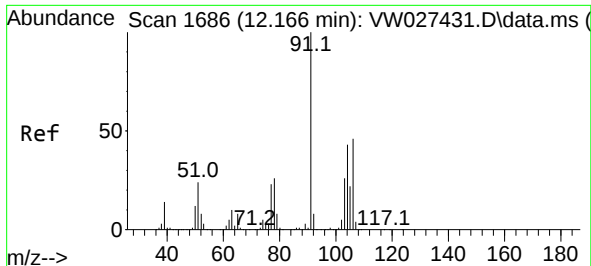
Tgt Ion: 91 Resp: 746596
Ion Ratio Lower Upper
91 100
106 30.5 19.8 36.8



#53
m,p-Xylene
Concen: 27.584 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

Tgt Ion:106 Resp: 275400
Ion Ratio Lower Upper
106 100
91 204.2 144.5 268.4

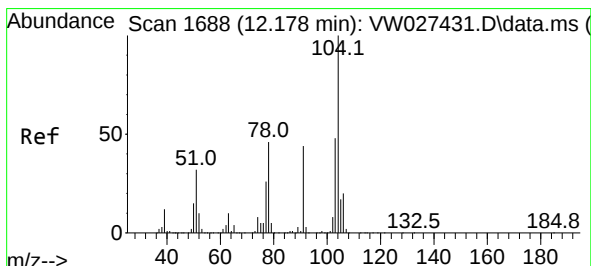
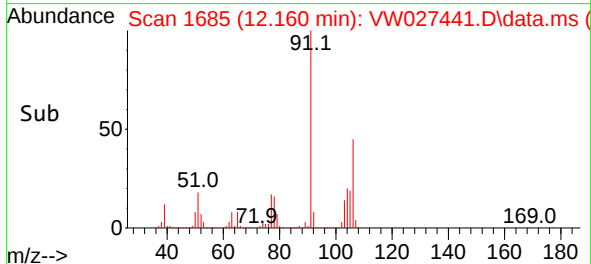
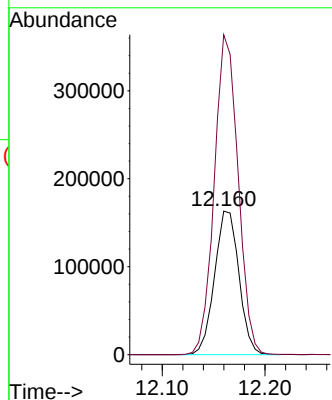
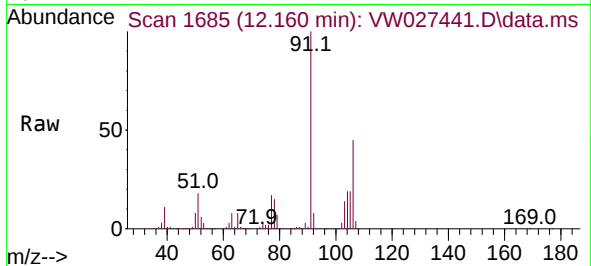




#54
o-Xylene
Concen: 28.134 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

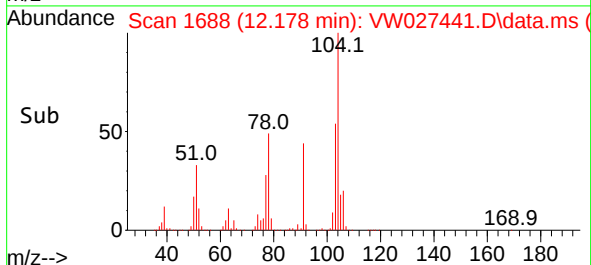
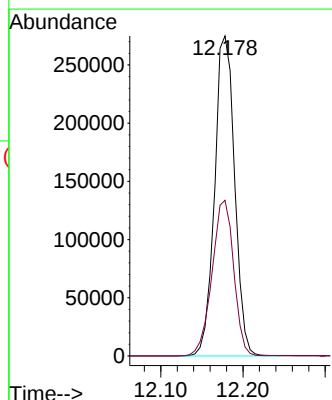
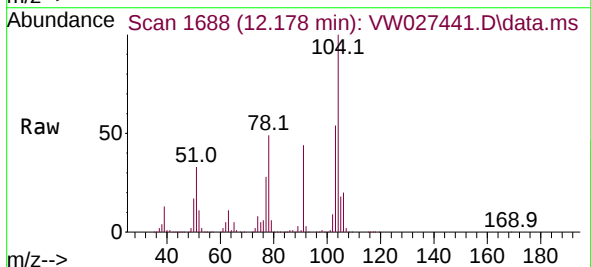
Instrument :
MSVOA_W
ClientSampleId :

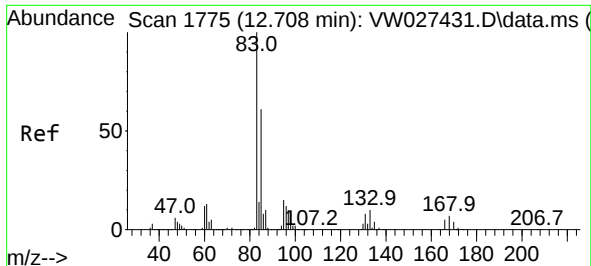
Tgt Ion:106 Resp: 268988
Ion Ratio Lower Upper
106 100
91 223.1 152.0 282.2



#55
Styrene
Concen: 28.528 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

Tgt Ion:104 Resp: 465816
Ion Ratio Lower Upper
104 100
78 48.7 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 29.057 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

Instrument :

MSVOA_W

ClientSampleId :

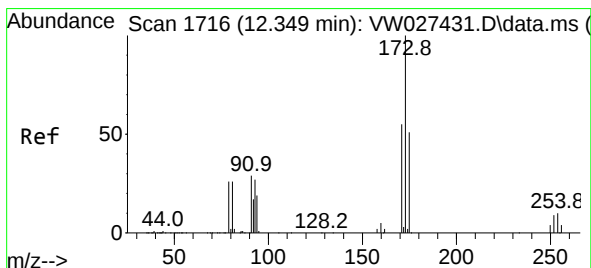
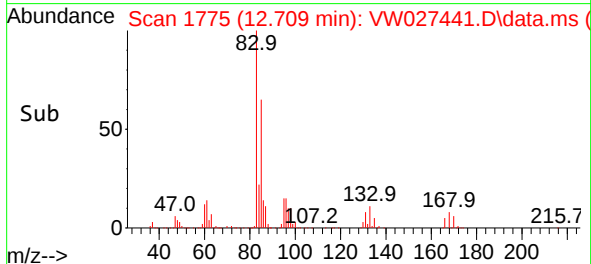
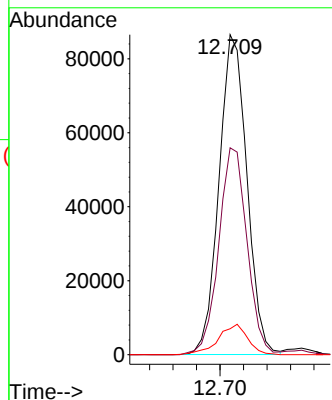
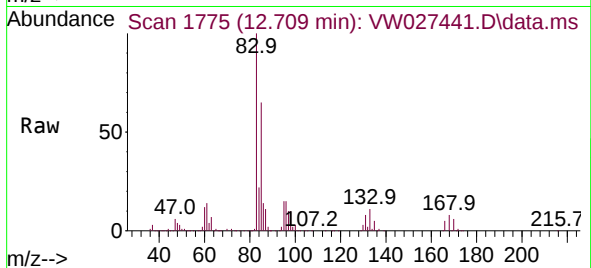
Tgt Ion: 83 Resp: 142516

Ion Ratio Lower Upper

83 100

85 64.7 43.2 80.2

131 8.1 7.2 10.8



#59

Bromoform

Concen: 24.575 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

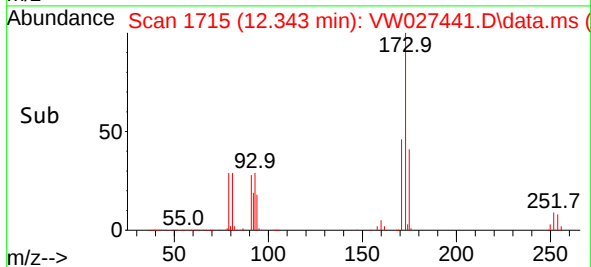
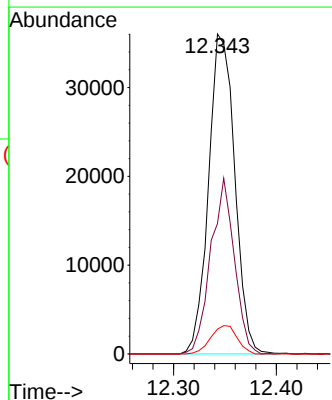
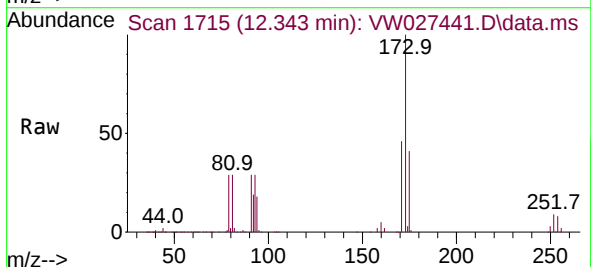
Tgt Ion:173 Resp: 63745

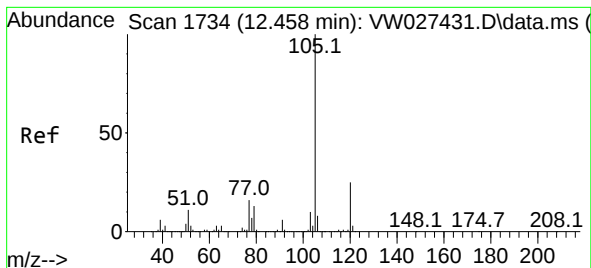
Ion Ratio Lower Upper

173 100

175 49.4 39.6 59.4

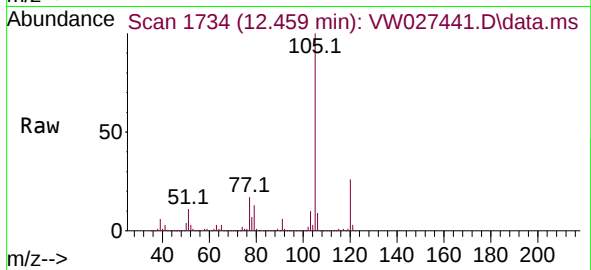
254 8.9 6.6 10.0



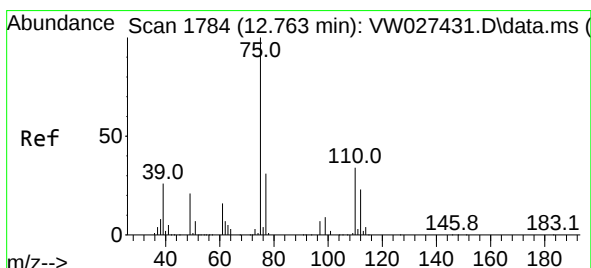
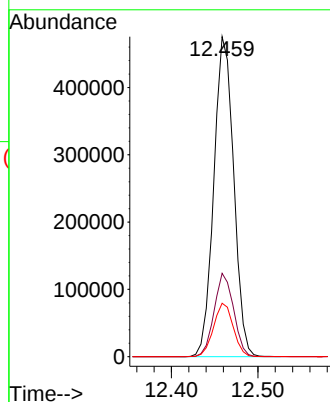
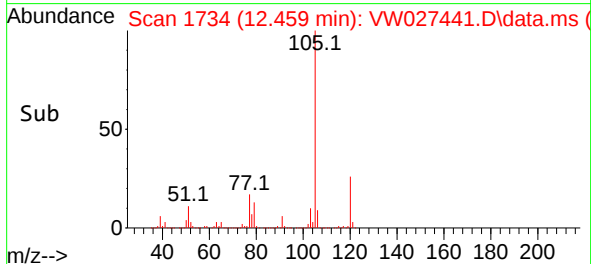


#60
Isopropylbenzene
Concen: 27.711 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

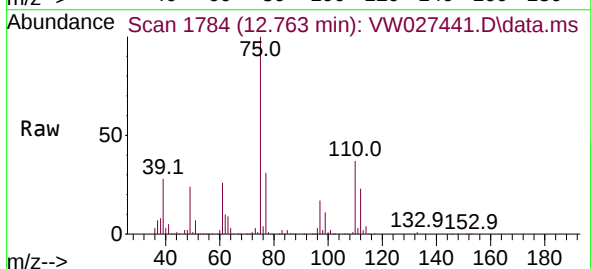
Instrument :
MSVOA_W
ClientSampleId :



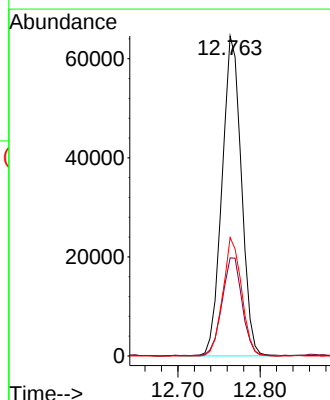
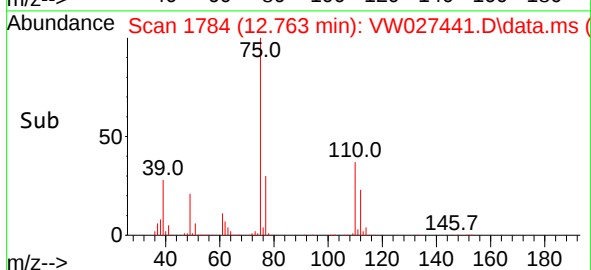
Tgt Ion:105 Resp: 758842
Ion Ratio Lower Upper
105 100
120 25.5 20.1 30.1
77 16.5 12.9 19.3

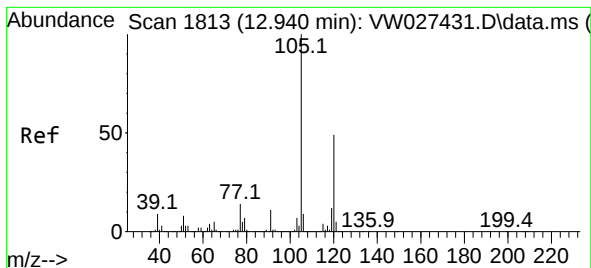


#61
1,2,3-Trichloropropane
Concen: 27.739 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55



Tgt Ion: 75 Resp: 105580
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
110 35.9 29.7 44.5

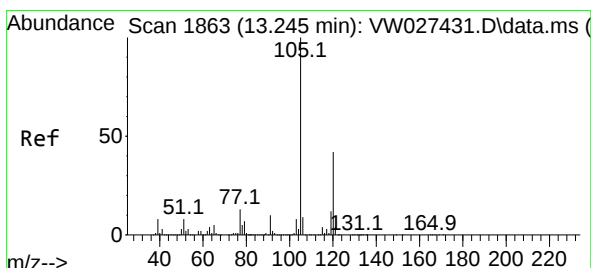
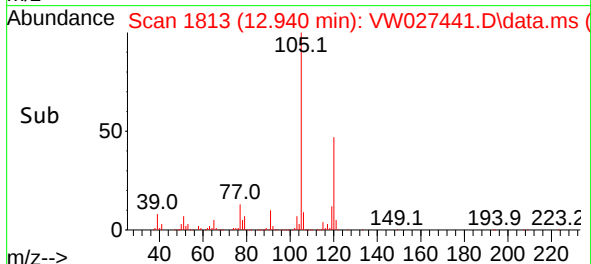
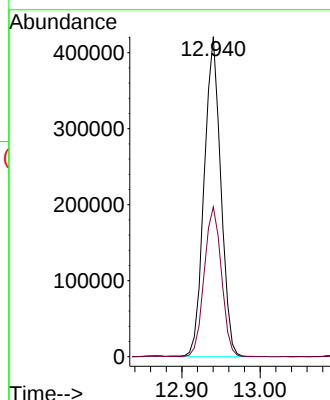
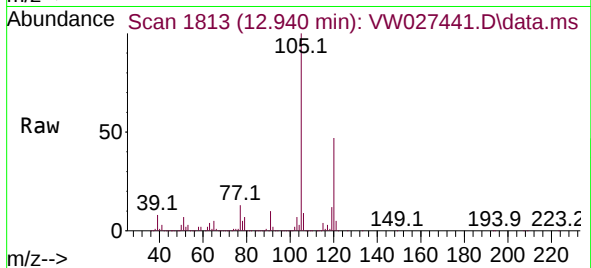




#62
1,3,5-Trimethylbenzene
Concen: 27.118 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

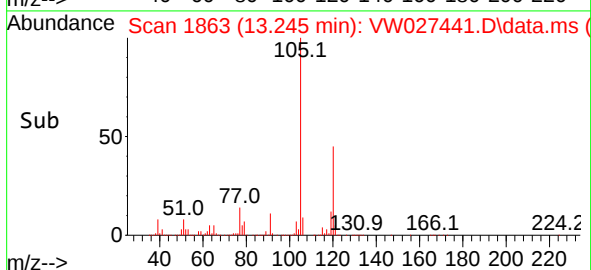
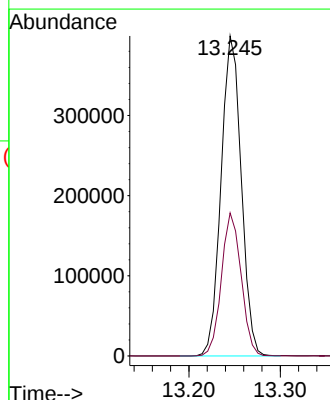
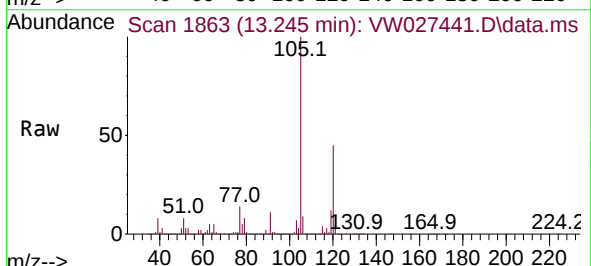
Instrument :
MSVOA_W
ClientSampleId :

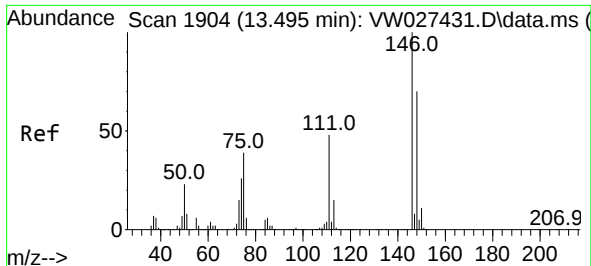
Tgt Ion:105 Resp: 619435
Ion Ratio Lower Upper
105 100
120 48.4 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 27.452 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

Tgt Ion:105 Resp: 613532
Ion Ratio Lower Upper
105 100
120 43.6 35.4 53.2

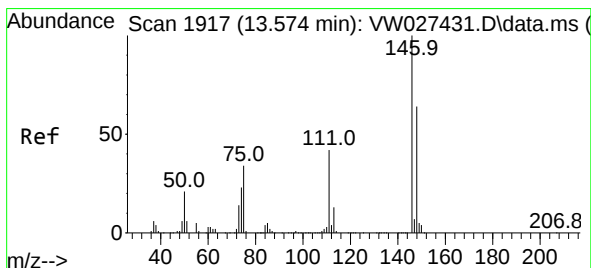
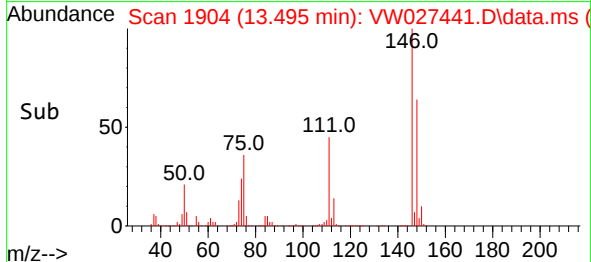
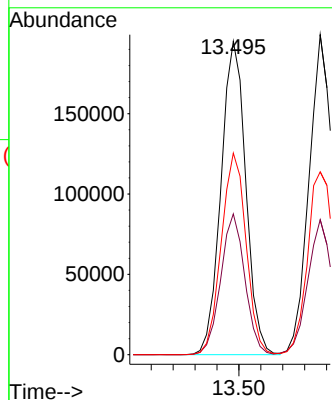
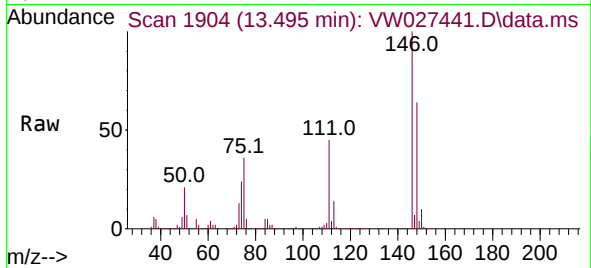




#64
1,3-Dichlorobenzene
Concen: 27.621 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

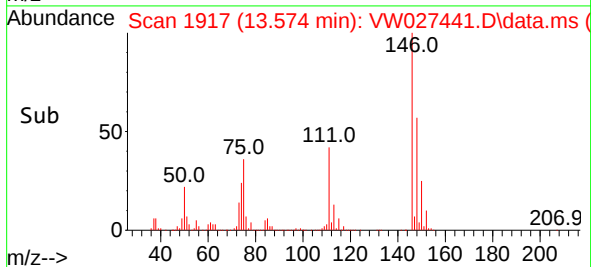
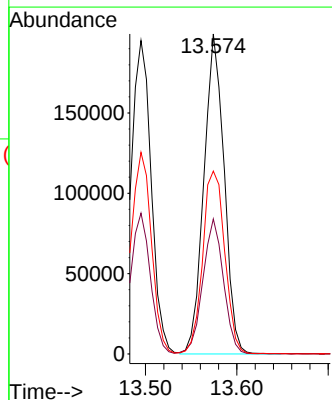
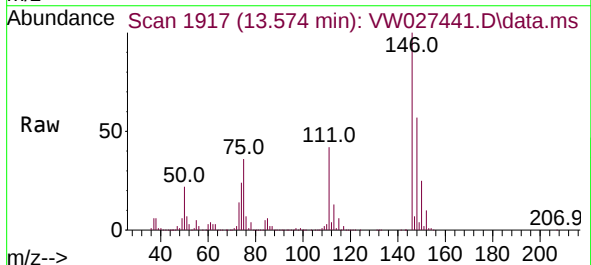
Instrument :
MSVOA_W
ClientSampleId :

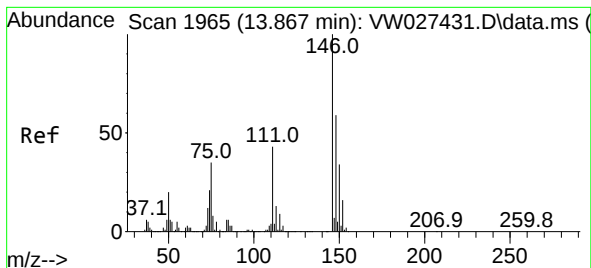
Tgt Ion:146 Resp: 306721
Ion Ratio Lower Upper
146 100
111 44.9 30.8 57.2
148 64.3 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 27.658 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027441.D
Acq: 26 Oct 2023 09:55

Tgt Ion:146 Resp: 306727
Ion Ratio Lower Upper
146 100
111 42.2 29.5 54.9
148 57.2 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 27.005 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

Instrument :

MSVOA_W

ClientSampleId :

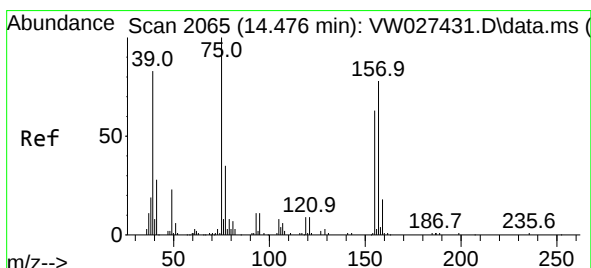
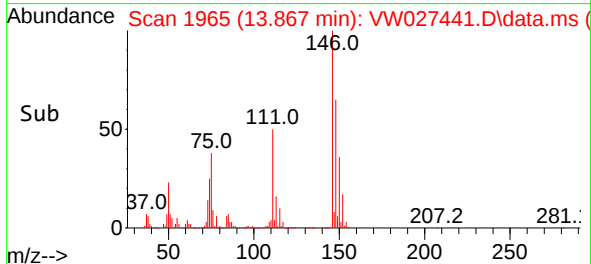
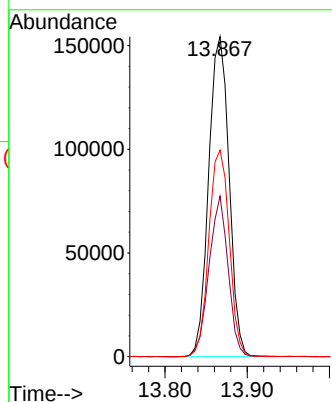
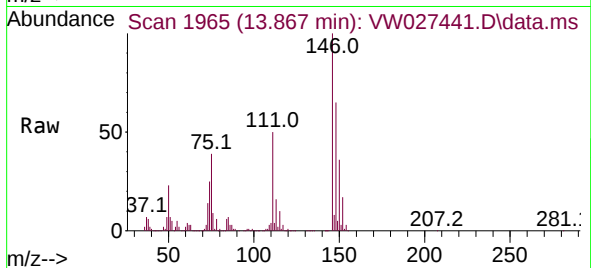
Tgt Ion:146 Resp: 266102

Ion Ratio Lower Upper

146 100

111 50.2 36.8 55.2

148 64.5 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 23.730 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

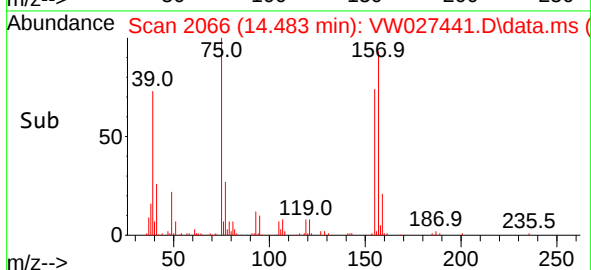
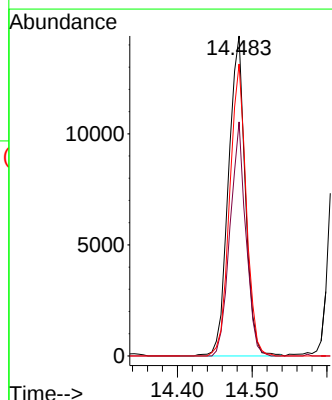
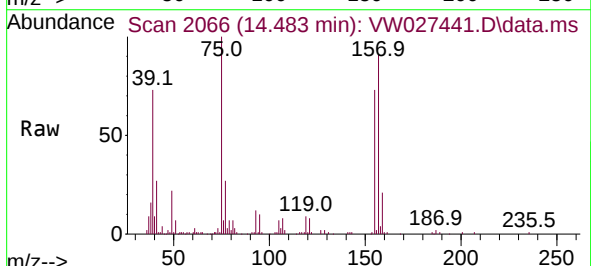
Tgt Ion: 75 Resp: 22573

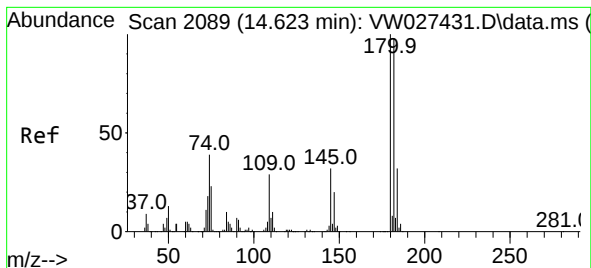
Ion Ratio Lower Upper

75 100

155 73.1 54.9 82.3

157 91.2 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 27.999 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 201837

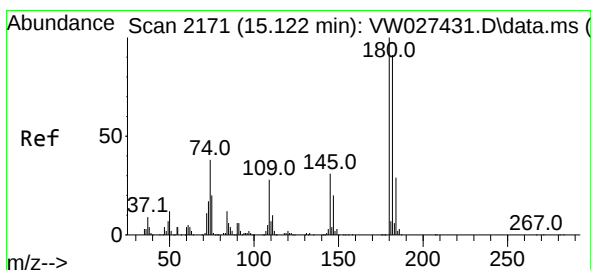
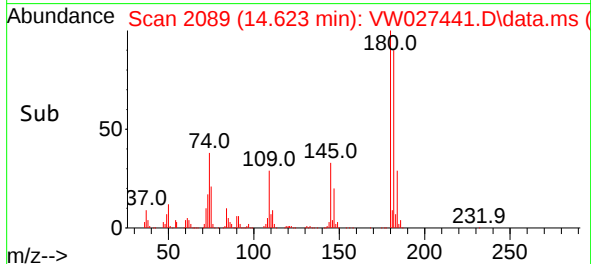
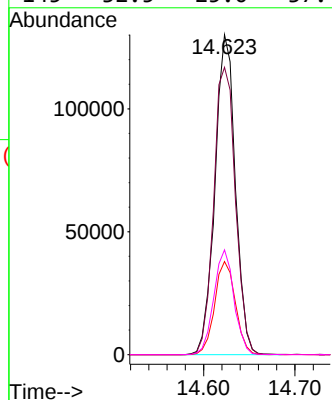
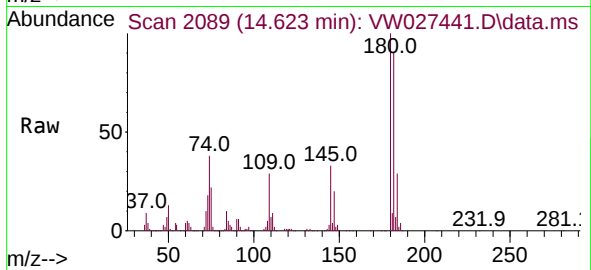
Ion Ratio Lower Upper

180 100

182 95.6 73.4 110.0

184 29.6 23.3 34.9

145 32.5 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 26.941 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

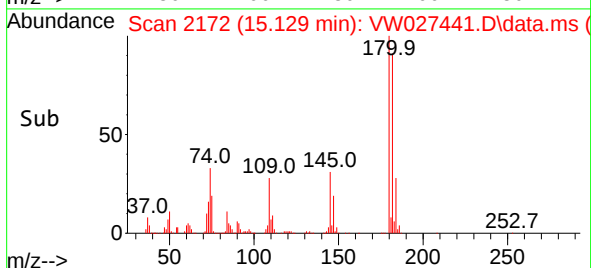
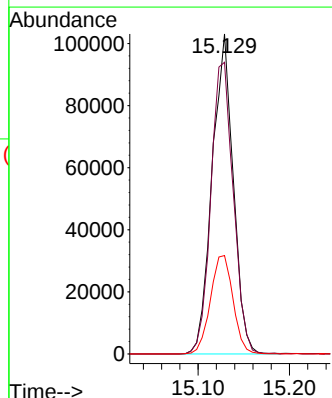
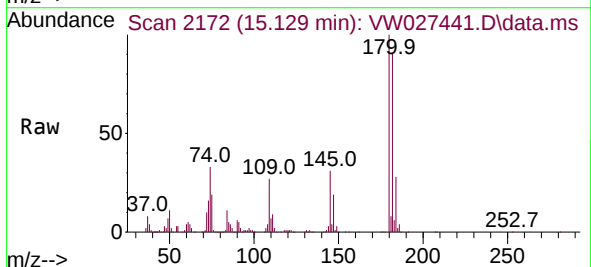
Tgt Ion:180 Resp: 165299

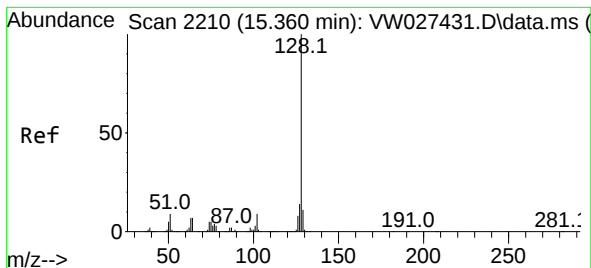
Ion Ratio Lower Upper

180 100

182 96.7 75.5 113.3

145 33.0 26.4 39.6





#71

Naphthalene

Concen: 26.270 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

Instrument :

MSVOA_W

ClientSampleId :

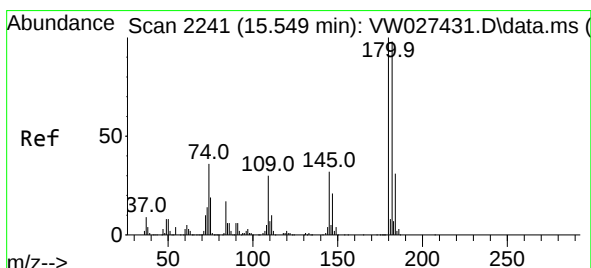
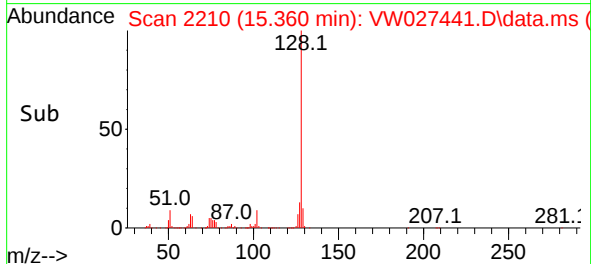
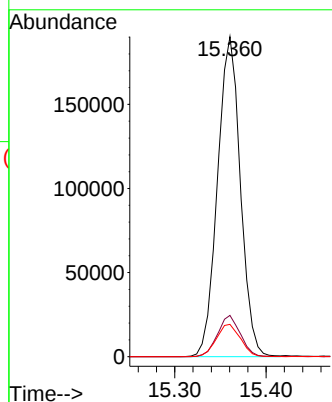
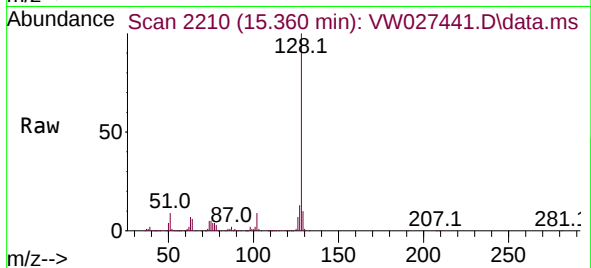
Tgt Ion:128 Resp: 331472

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 27.982 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027441.D

Acq: 26 Oct 2023 09:55

Tgt Ion:180 Resp: 141176

Ion Ratio Lower Upper

180 100

182 88.7 81.1 121.7

145 34.2 30.6 45.8

