

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062123\
 Data File : VW026286.D
 Acq On : 21 Jun 2023 13:32
 Operator : SY/MD
 Sample : 03334-06MSD
 Misc : 5.37g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW01MSD

Quant Time: Jun 22 01:35:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 22 01:33:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	766037	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	700472	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	341374	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	179327	16.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.560%
7) Chloroethane-d5	2.899	69	174394	21.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.480%
11) 1,1-Dichloroethene-d2	4.021	65	96915	18.238	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.960%
21) 2-Butanone-d5	7.075	46	188302	60.018	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.040%
24) Chloroform-d	7.648	84	489340	21.814	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.240%
26) 1,2-Dichloroethane-d4	8.307	65	275238	22.438	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.760%
32) Benzene-d6	8.276	84	921559	19.552	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	9.276	67	324109	21.705	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.840%
41) Toluene-d8	10.325	98	788595	18.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.480%
43) trans-1,3-Dichloroprop...	10.575	79	114162	19.293	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.160%
47) 2-Hexanone-d5	10.922	63	132364	56.217	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	278288	25.610	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.440%
66) 1,2-Dichlorobenzene-d4	13.849	152	270449	20.698	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	169174	18.015	ug/L	91
3) Chloromethane	2.223	50	236899	19.674	ug/L	96
5) Vinyl chloride	2.375	62	264755	20.570	ug/L	99
6) Bromomethane	2.790	94	142371	20.291	ug/L	97
8) Chloroethane	2.930	64	160169	23.029	ug/L	98
9) Trichlorofluoromethane	3.271	101	188449	22.759	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	211471	20.240	ug/L	98
12) 1,1-Dichloroethene	4.045	96	202686	20.781	ug/L	82
13) Acetone	4.119	43	151820	62.538	ug/L	99
14) Carbon disulfide	4.393	76	589858	17.132	ug/L	99
15) Methyl Acetate	4.667	43	125555	23.044	ug/L	99
16) Methylene chloride	4.923	84	235932	19.297	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	216434	19.778	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	374415	21.709	ug/L	100
19) 1,1-Dichloroethane	6.216	63	466089	20.922	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	300861	25.956	ug/L	99
22) 2-Butanone	7.167	43	189442	54.704	ug/L	98
23) Bromochloromethane	7.514	128	102862	20.808	ug/L	93
25) Chloroform	7.679	83	442540	21.327	ug/L	98

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

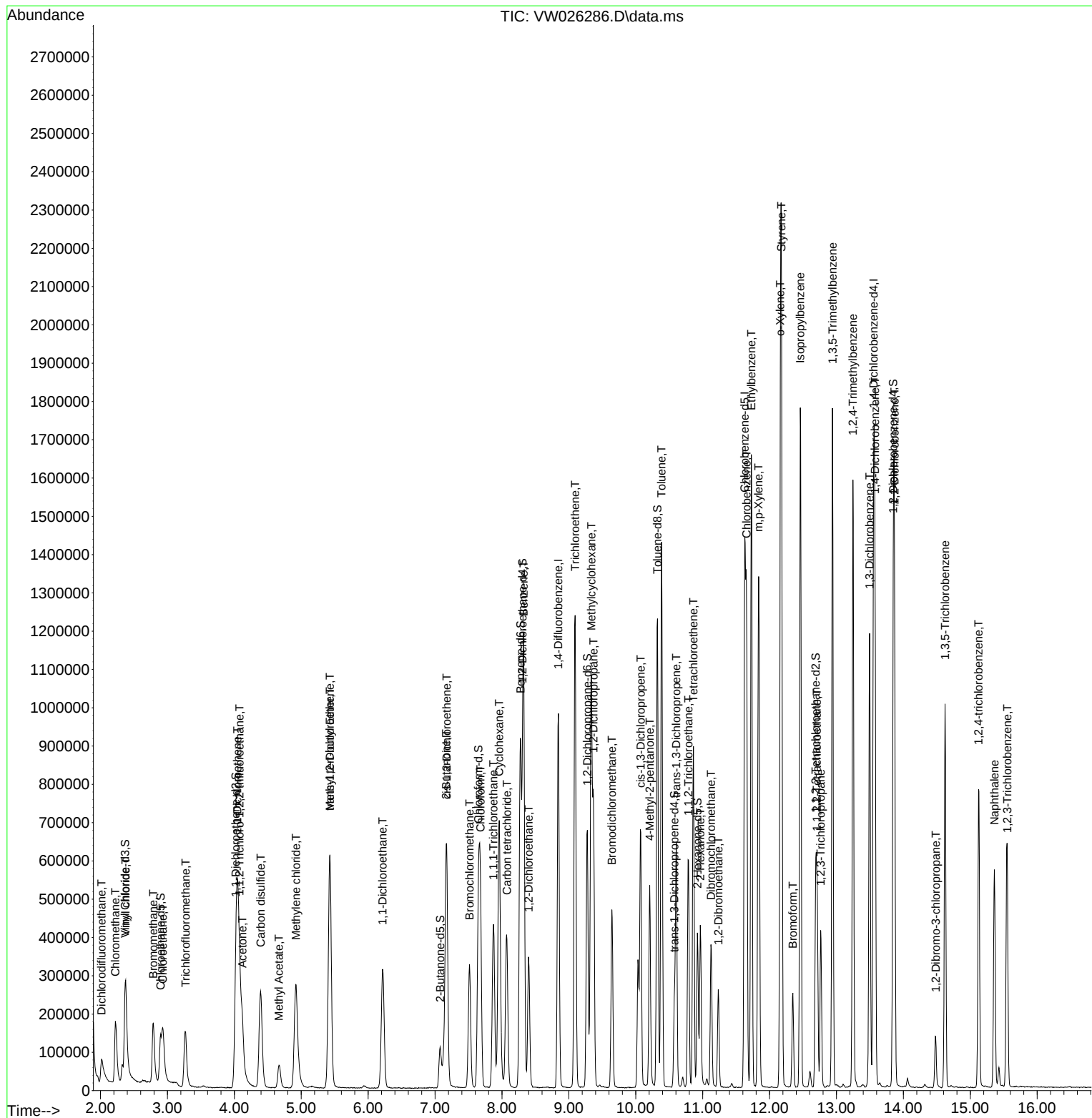
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	305525	21.349	ug/L	99
29) Cyclohexane	7.959	56	402324	18.604	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	349093	20.537	ug/L	99
31) Carbon tetrachloride	8.075	117	304082	19.603	ug/L	99
33) Benzene	8.325	78	971350	20.243	ug/L	100
34) Trichloroethene	9.093	95	444050	36.140	ug/L	97
35) Methylcyclohexane	9.337	83	403758	18.571	ug/L	99
37) 1,2-Dichloropropane	9.368	63	276048	21.240	ug/L	100
38) Bromodichloromethane	9.642	83	312732	20.711	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	394017	20.630	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	363917	47.493	ug/L	99
42) Toluene	10.386	91	996134	20.296	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	334456	21.019	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	186161	21.733	ug/L	97
46) Tetrachloroethene	10.861	164	186513	21.461	ug/L	97
48) 2-Hexanone	10.965	43	278232	51.498	ug/L	97
49) Dibromochloromethane	11.123	129	191792	21.356	ug/L	99
50) 1,2-Dibromoethane	11.233	107	167905	21.170	ug/L	97
51) Chlorobenzene	11.654	112	601900	19.571	ug/L	97
52) Ethylbenzene	11.727	91	1109273	20.036	ug/L	100
53) m,p-Xylene	11.837	106	413817	20.092	ug/L	95
54) o-Xylene	12.160	106	393582	20.246	ug/L	97
55) Styrene	12.178	104	682130	20.453	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	232280	22.407	ug/L	99
59) Bromoform	12.349	173	106387	20.749	ug/L	99
60) Isopropylbenzene	12.459	105	1089079	20.308	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	168108	21.984	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	879860	20.639	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	809945	20.743	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	445107	19.740	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	456485	20.108	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	412706	20.382	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	36067	20.358	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	279965	18.075	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	225252	17.624	ug/L	99
71) Naphthalene	15.360	128	461242	20.249	ug/L	99
72) 1,2,3-Trichlorobenzene	15.556	180	201217	18.014	ug/L	99

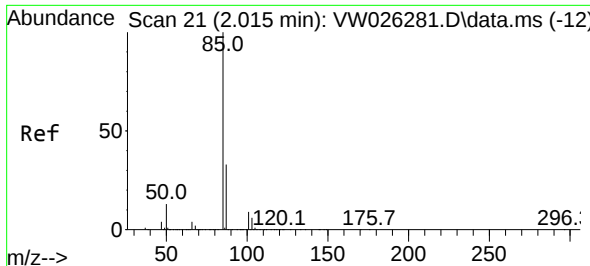
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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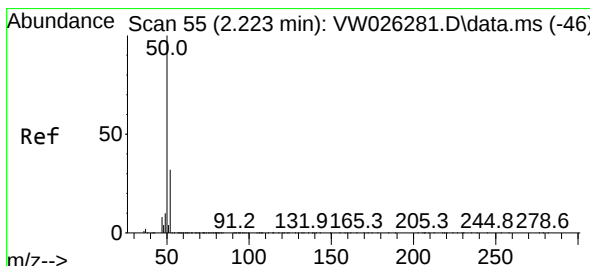
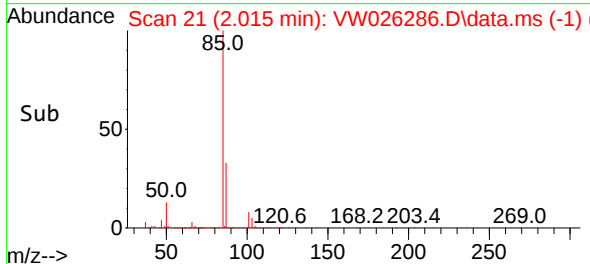
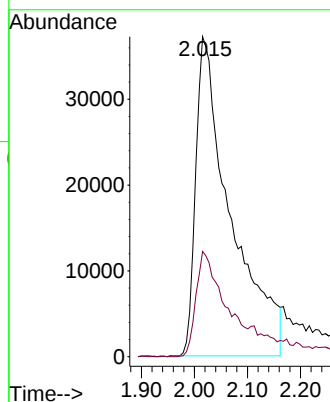
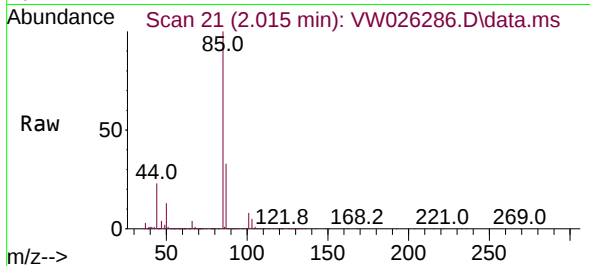




#2
Dichlorodifluoromethane
Concen: 18.015 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

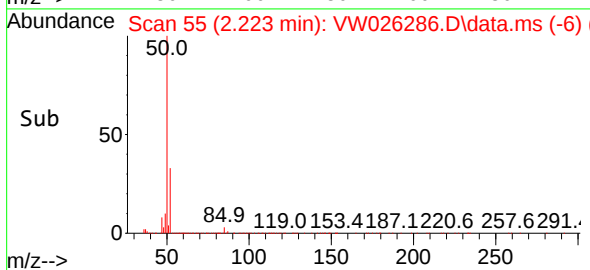
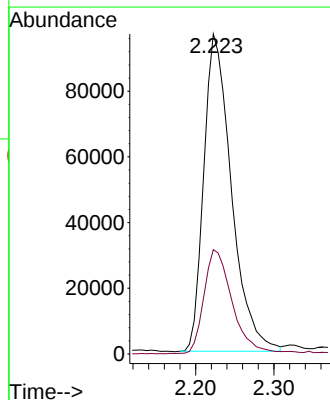
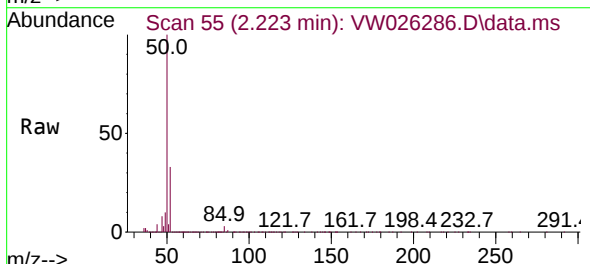
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

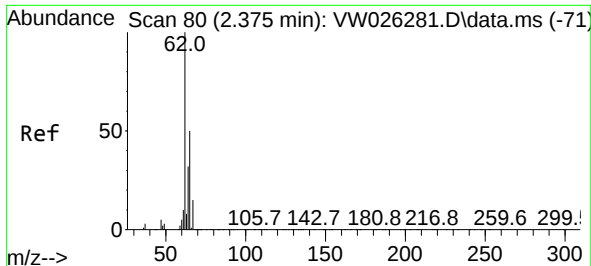
Tgt Ion: 85 Resp: 169174
Ion Ratio Lower Upper
85 100
87 23.2 22.2 33.2



#3
Chloromethane
Concen: 19.674 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

Tgt Ion: 50 Resp: 236899
Ion Ratio Lower Upper
50 100
52 32.6 21.3 39.6

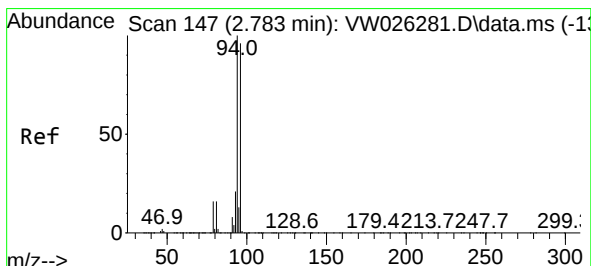
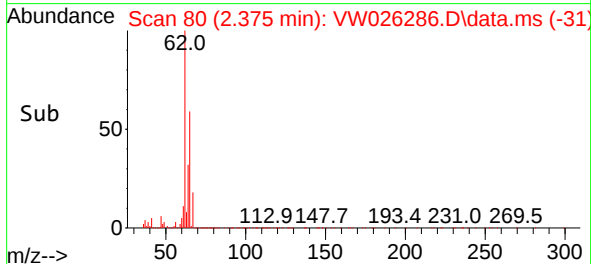
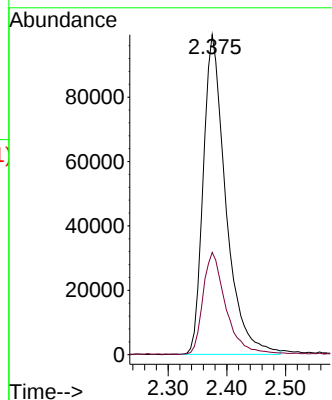
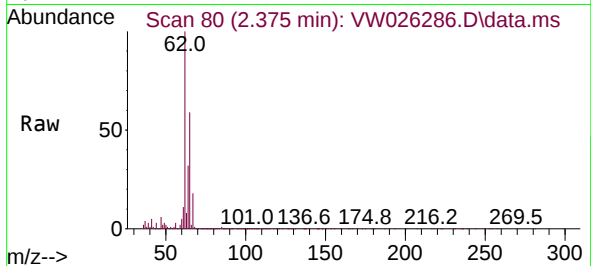




#5
 Vinyl chloride
 Concen: 20.570 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026286.D
 Acq: 21 Jun 2023 13:32

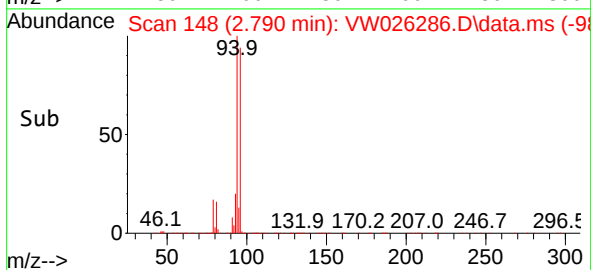
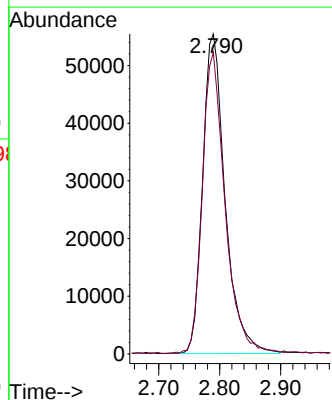
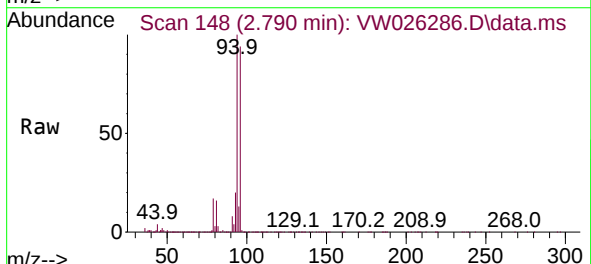
Instrument :
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 ClientSampleId :
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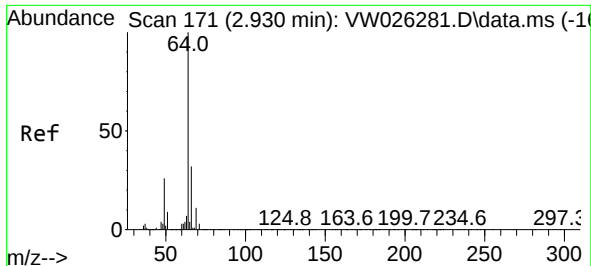
Tgt Ion: 62 Resp: 264755
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.7 42.1



#6
 Bromomethane
 Concen: 20.291 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026286.D
 Acq: 21 Jun 2023 13:32

Tgt Ion: 94 Resp: 142371
 Ion Ratio Lower Upper
 94 100
 96 94.2 64.2 119.2

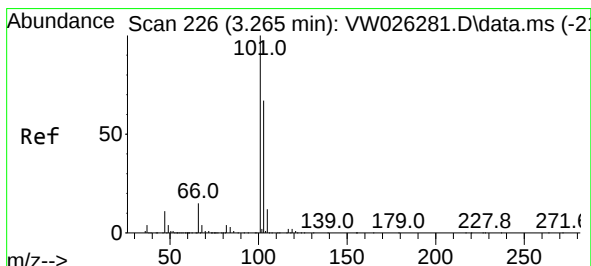
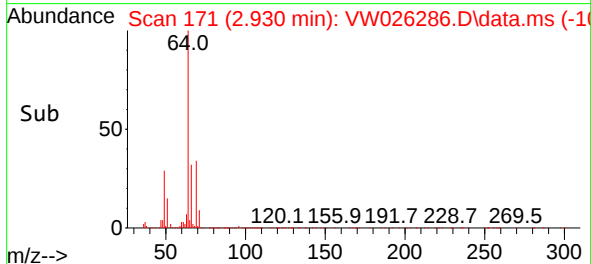
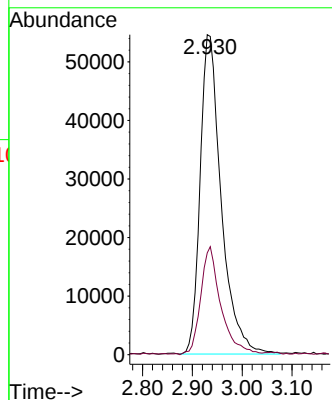
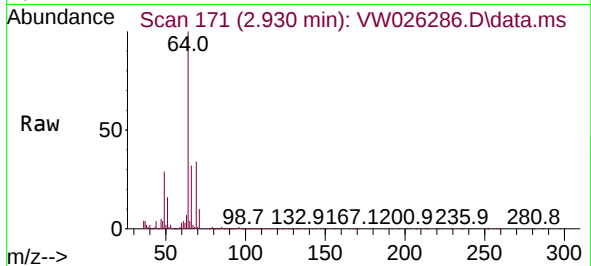




#8
Chloroethane
Concen: 23.029 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

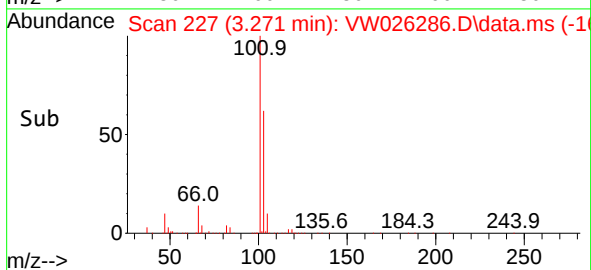
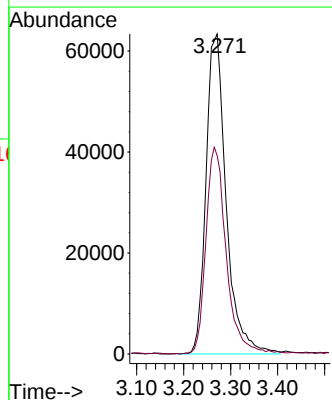
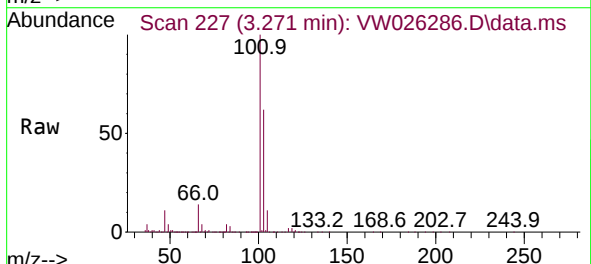
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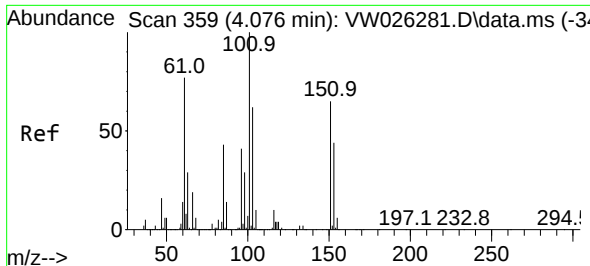
Tgt Ion: 64 Resp: 160169
Ion Ratio Lower Upper
64 100
66 31.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 22.759 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

Tgt Ion: 101 Resp: 188449
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

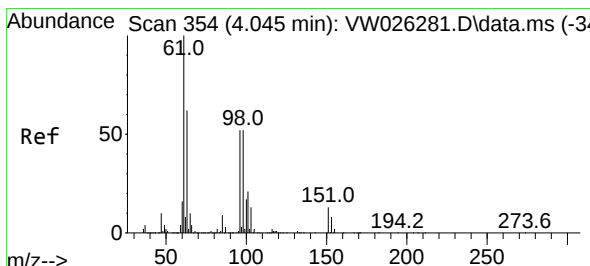
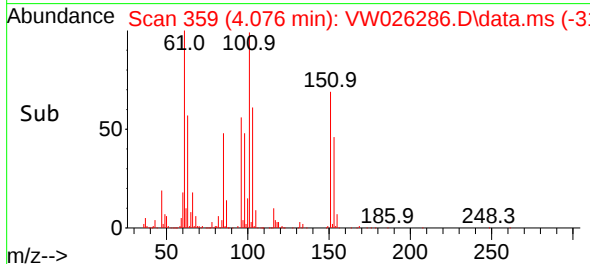
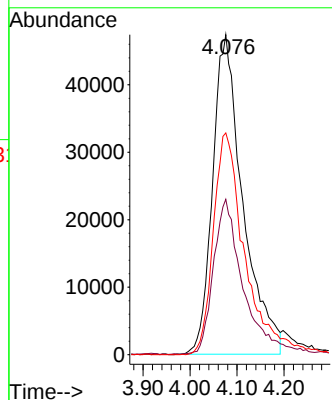
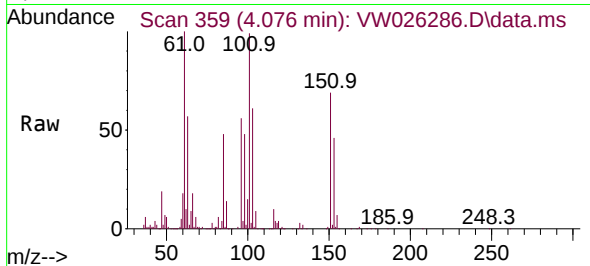




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.240 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW026286.D
 Acq: 21 Jun 2023 13:32

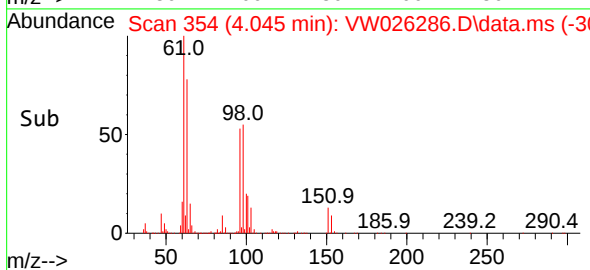
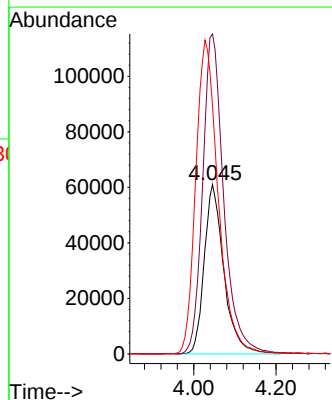
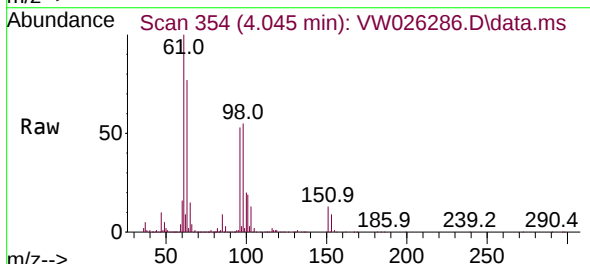
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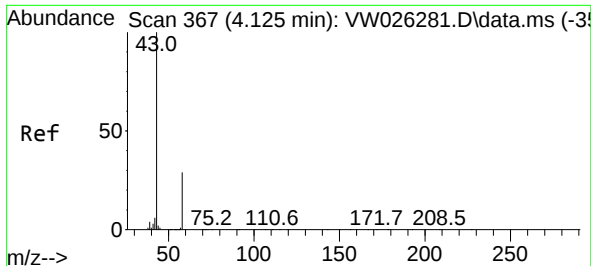
Tgt Ion:101 Resp: 211471
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.1 54.1
 151 66.7 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 20.781 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026286.D
 Acq: 21 Jun 2023 13:32

Tgt Ion: 96 Resp: 202686
 Ion Ratio Lower Upper
 96 100
 61 188.9 140.6 261.0
 63 146.3 131.7 244.5





#13

Acetone

Concen: 62.538 ug/L

RT: 4.119 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

Instrument :

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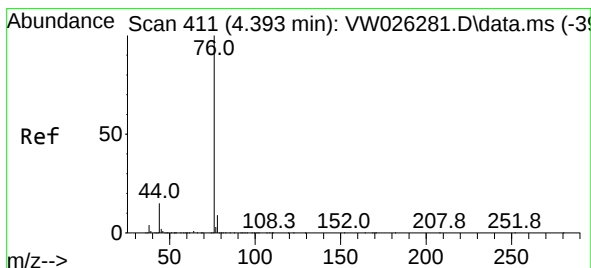
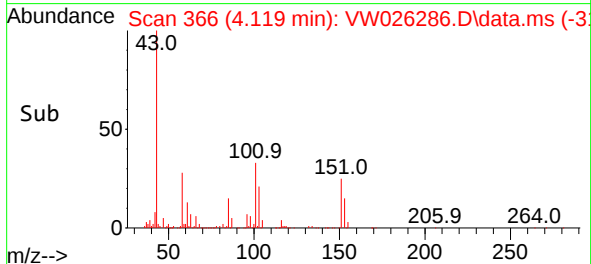
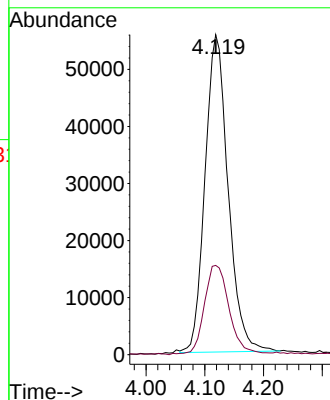
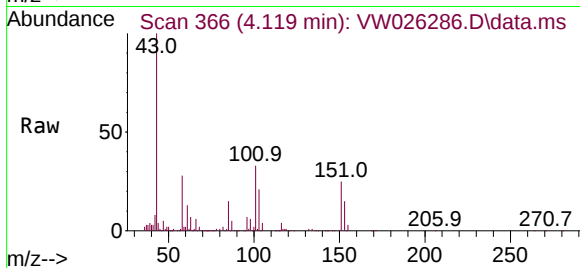
YBW01MSD

Tgt Ion: 43 Resp: 151820

Ion Ratio Lower Upper

43 100

58 29.5 0.0 58.2



#14

Carbon disulfide

Concen: 17.132 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

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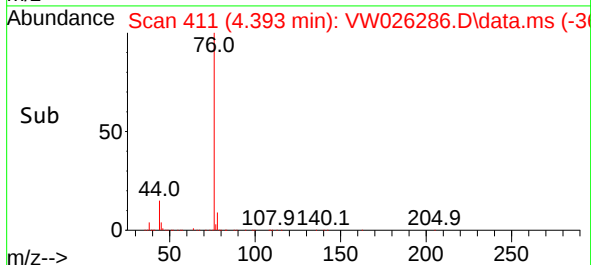
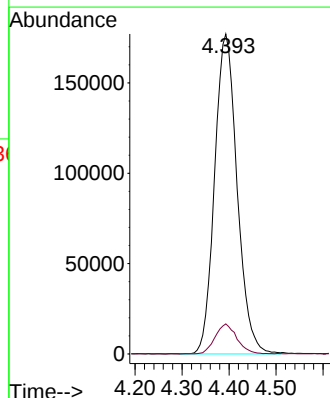
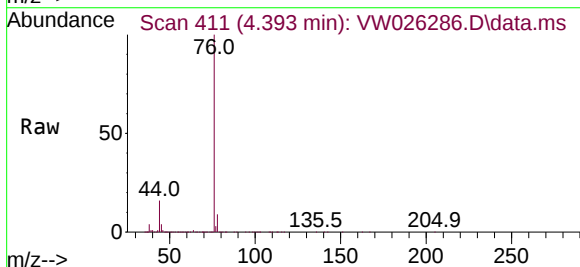
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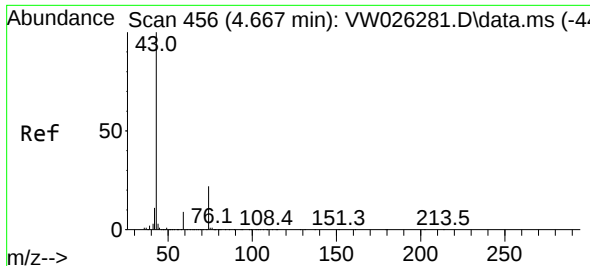
Tgt Ion: 76 Resp: 589858

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

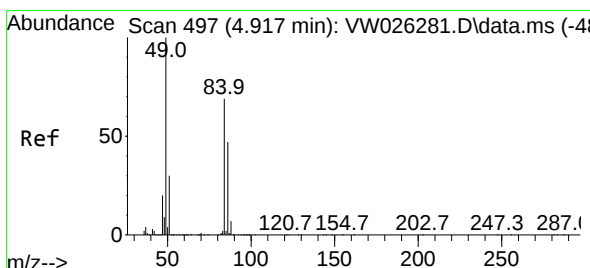
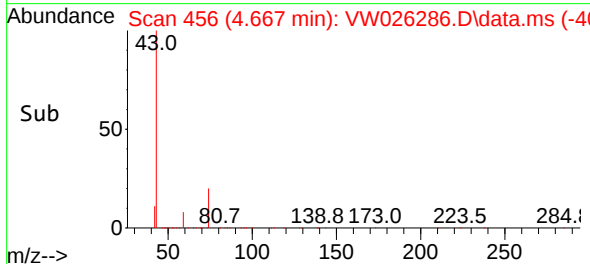
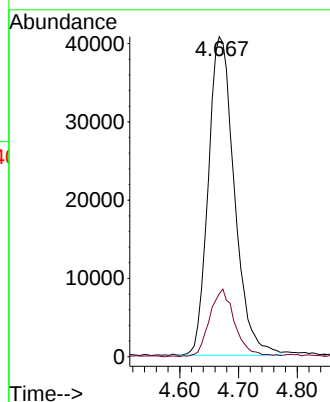
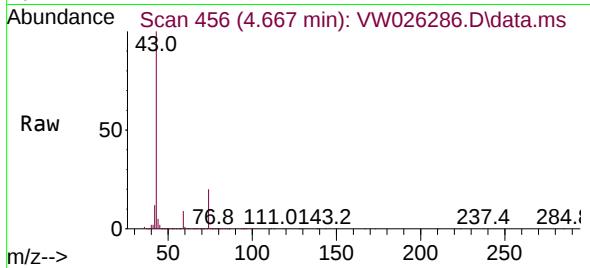




#15
Methyl Acetate
Concen: 23.044 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

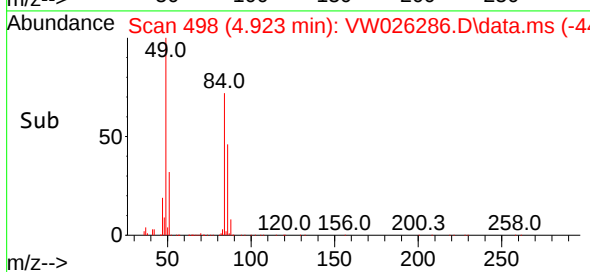
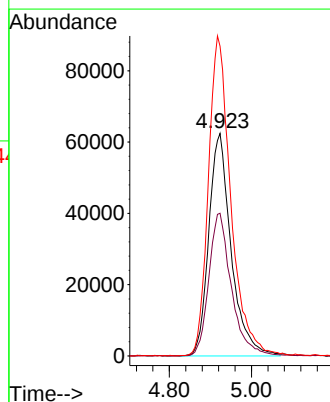
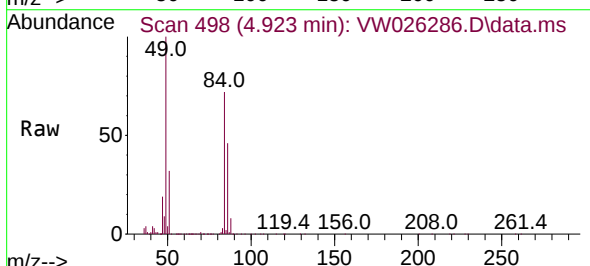
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

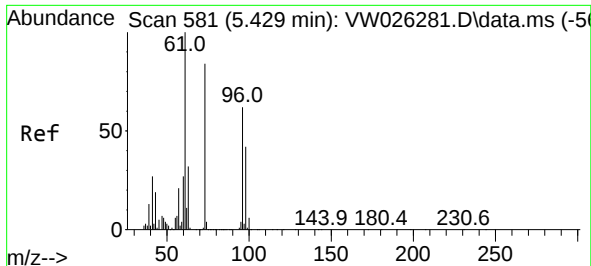
Tgt Ion: 43 Resp: 125555
Ion Ratio Lower Upper
43 100
74 20.3 16.6 25.0



#16
Methylene chloride
Concen: 19.297 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

Tgt Ion: 84 Resp: 235932
Ion Ratio Lower Upper
84 100
86 64.1 44.2 82.0
49 139.2 98.8 183.6

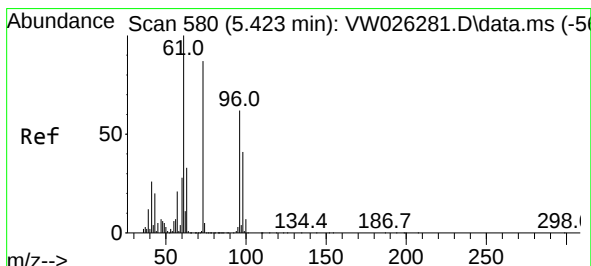
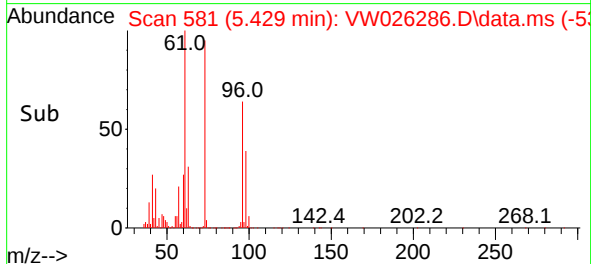
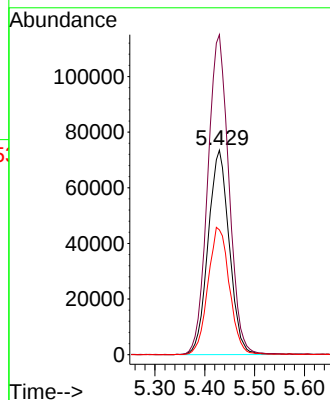
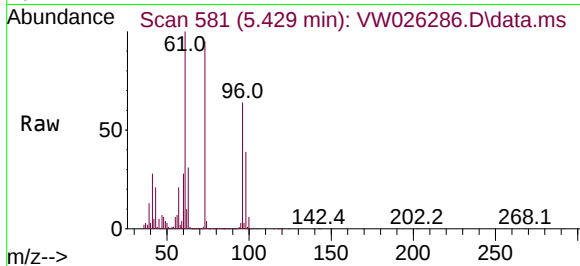




#17
trans-1,2-Dichloroethene
Concen: 19.778 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

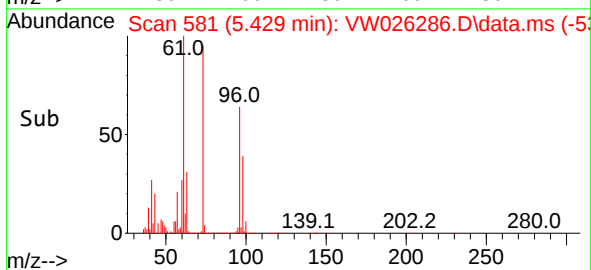
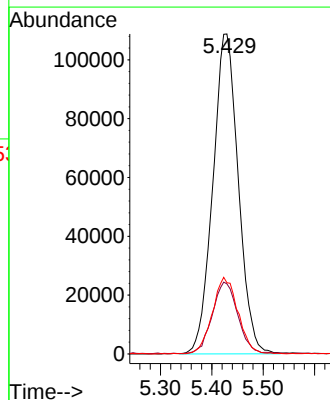
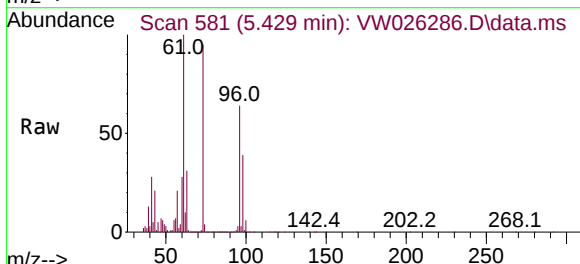
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

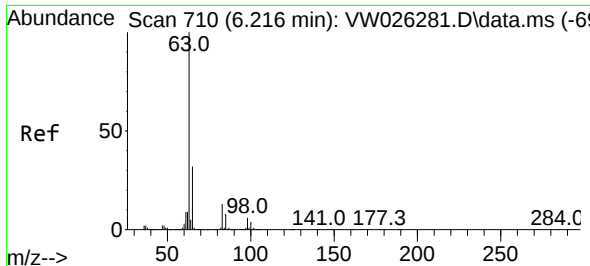
Tgt Ion: 96 Resp: 216434
Ion Ratio Lower Upper
96 100
61 156.4 113.0 209.8
98 61.0 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 21.709 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

Tgt Ion: 73 Resp: 374415
Ion Ratio Lower Upper
73 100
43 22.3 17.8 26.6
57 23.7 18.9 28.3





#19

1,1-Dichloroethane

Concen: 20.922 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

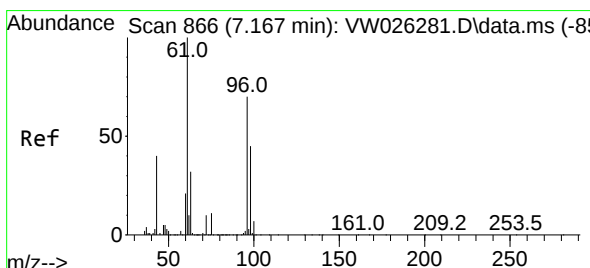
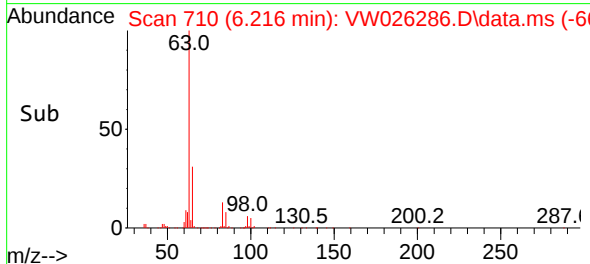
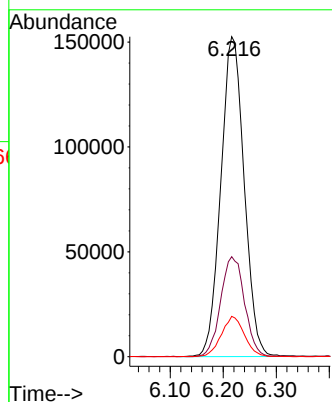
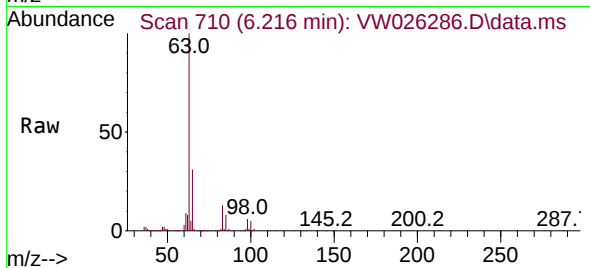
Tgt Ion: 63 Resp: 466089

Ion Ratio Lower Upper

63 100

65 31.3 22.3 41.5

83 12.6 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 25.956 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

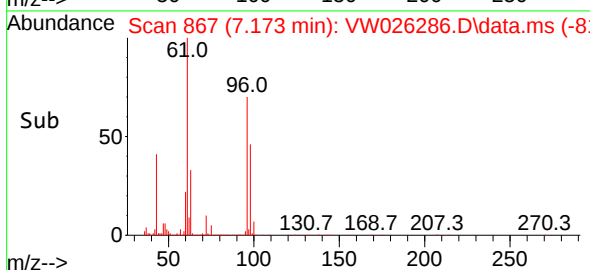
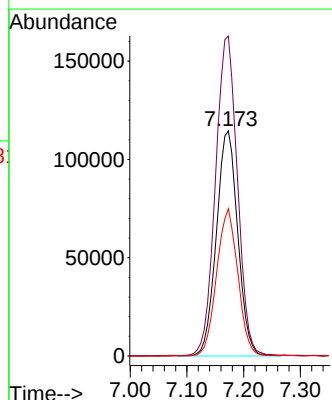
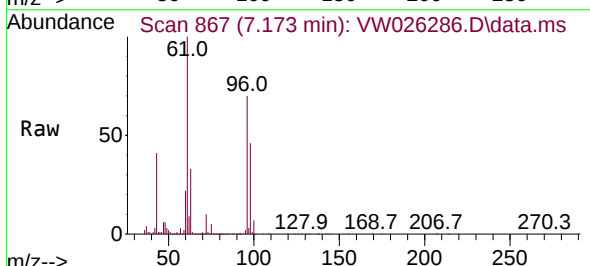
Tgt Ion: 96 Resp: 300861

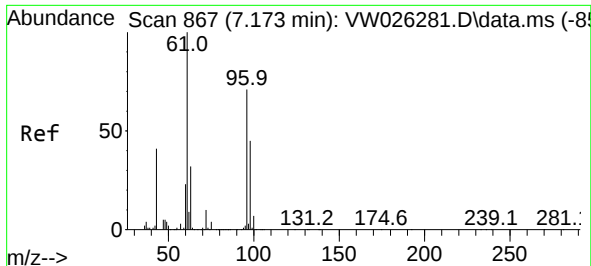
Ion Ratio Lower Upper

96 100

61 142.2 98.4 182.8

98 65.4 45.2 84.0

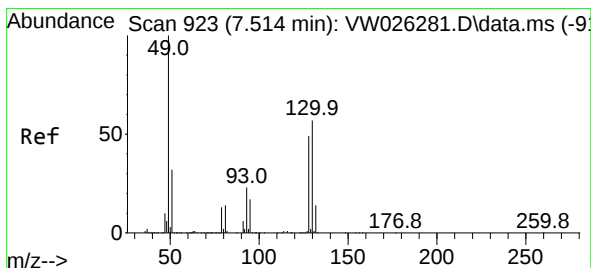
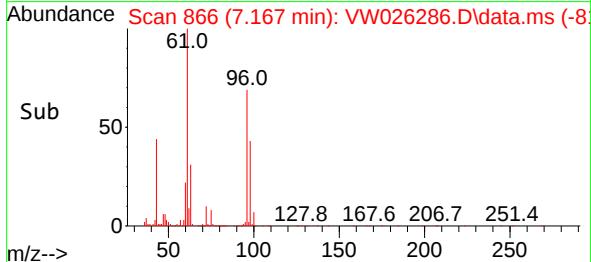
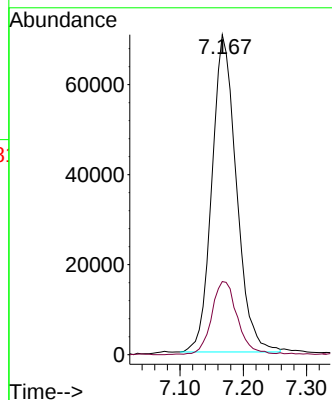
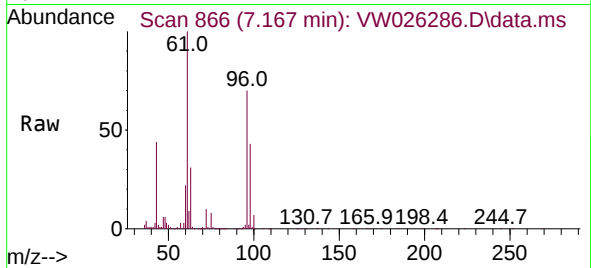




#22
2-Butanone
Concen: 54.704 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

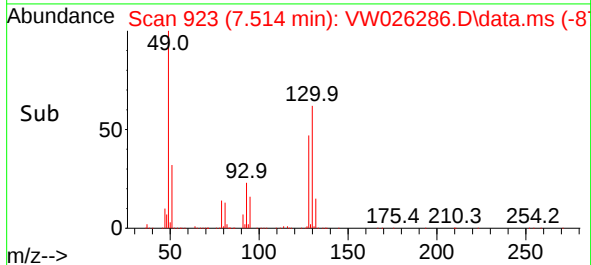
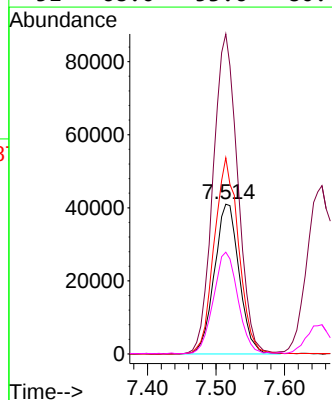
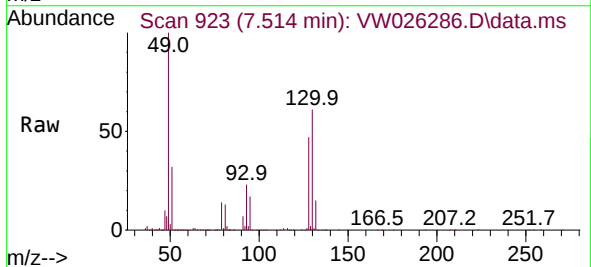
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

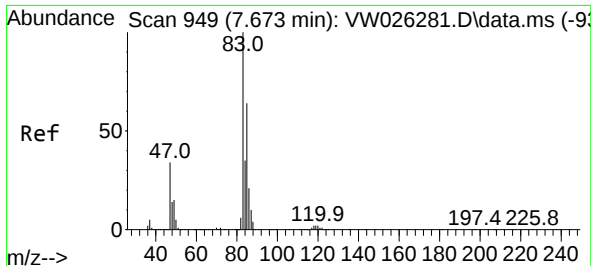
Tgt Ion: 43 Resp: 189442
Ion Ratio Lower Upper
43 100
72 23.9 12.4 37.4



#23
Bromochloromethane
Concen: 20.808 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

Tgt Ion: 128 Resp: 102862
Ion Ratio Lower Upper
128 100
49 213.6 140.6 261.0
130 130.9 86.0 159.6
51 68.0 53.6 80.4

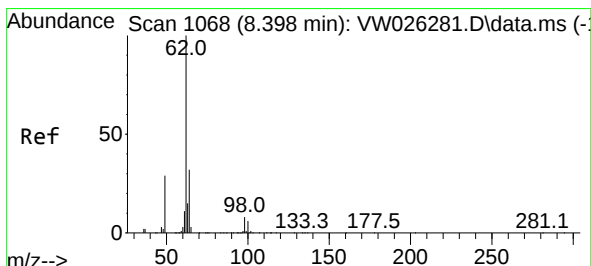
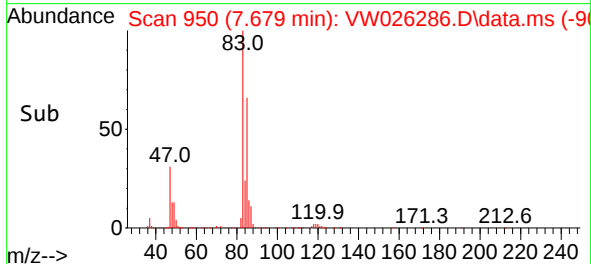
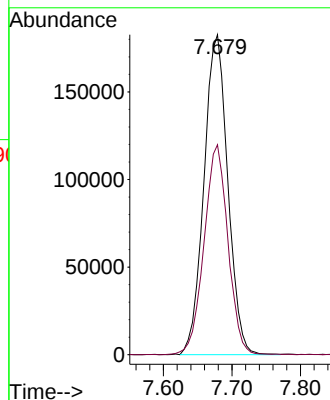
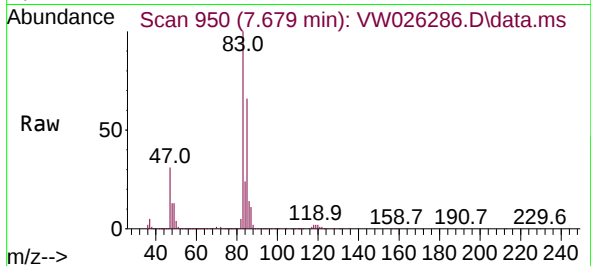




#25
Chloroform
Concen: 21.327 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

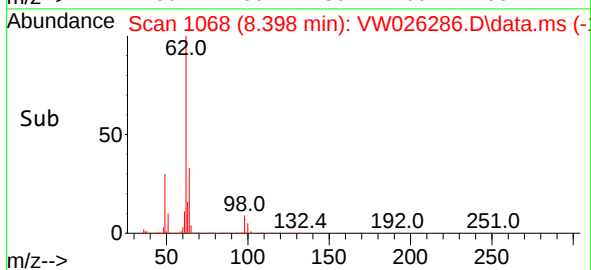
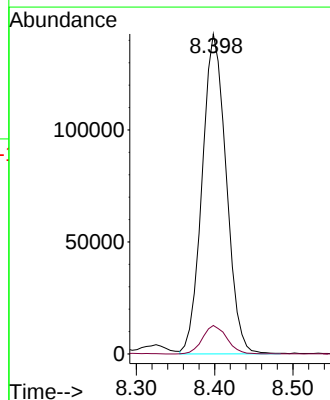
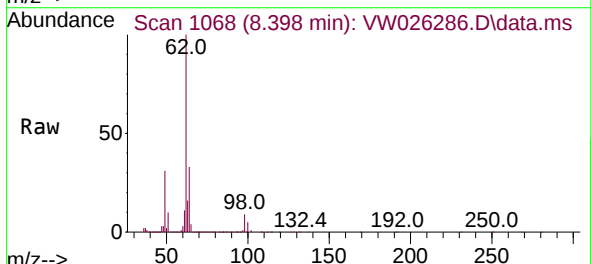
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

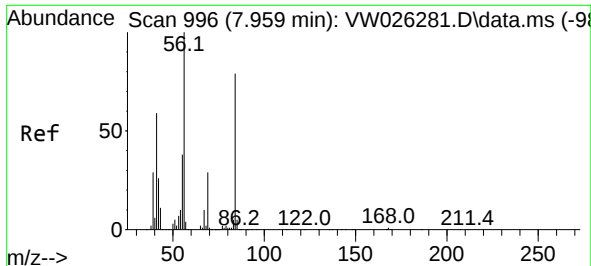
Tgt Ion: 83 Resp: 442540
Ion Ratio Lower Upper
83 100
85 65.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 21.349 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

Tgt Ion: 62 Resp: 305525
Ion Ratio Lower Upper
62 100
98 8.9 7.4 11.2

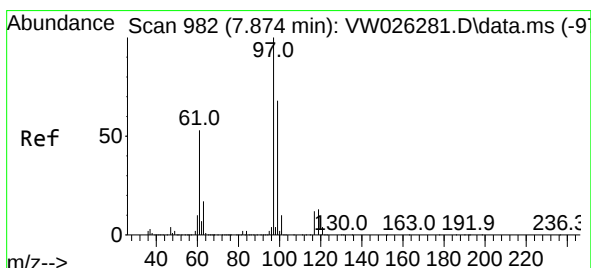
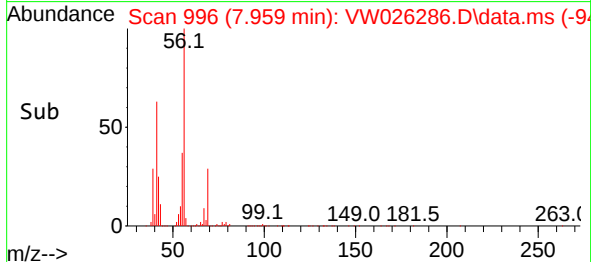
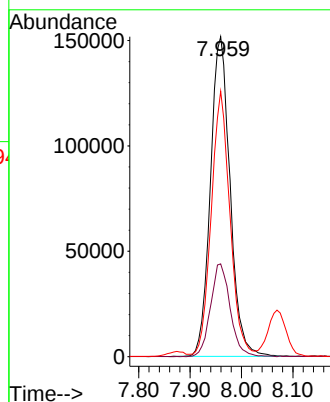
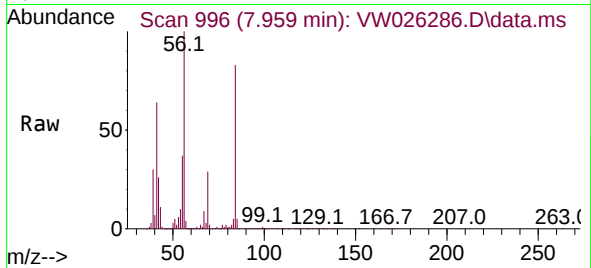




#29
Cyclohexane
Concen: 18.604 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

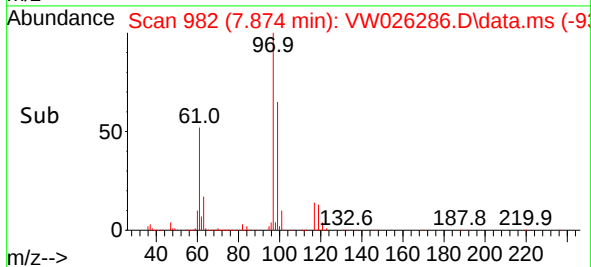
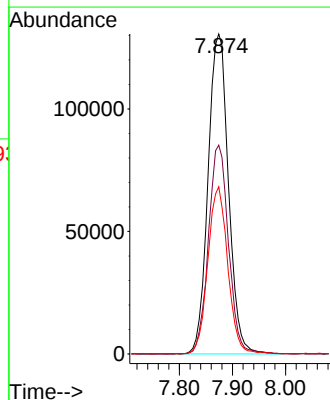
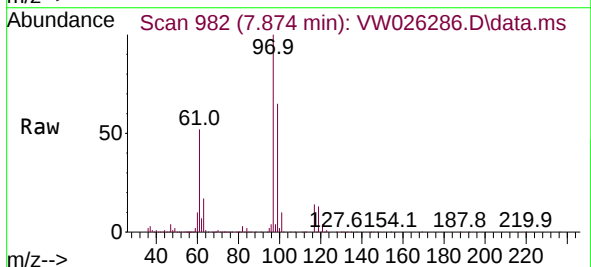
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

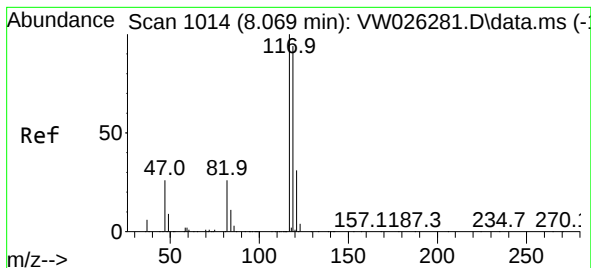
Tgt Ion: 56 Resp: 402324
Ion Ratio Lower Upper
56 100
69 29.1 23.3 34.9
84 79.4 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 20.537 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

Tgt Ion: 97 Resp: 349093
Ion Ratio Lower Upper
97 100
99 64.4 50.6 76.0
61 50.9 40.5 60.7





#31

Carbon tetrachloride

Concen: 19.603 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

Instrument :

MSVOA_W

ClientSampleId :

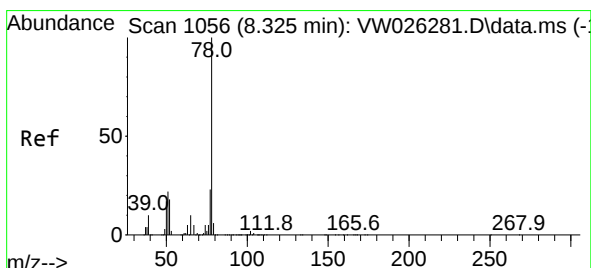
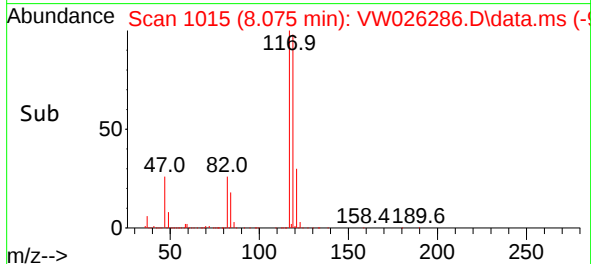
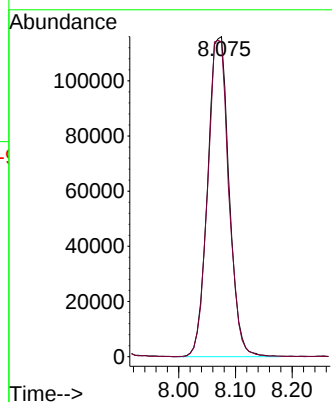
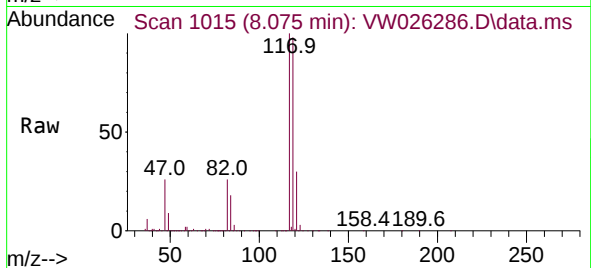
YBW01MSD

Tgt Ion:117 Resp: 304082

Ion Ratio Lower Upper

117 100

119 97.7 77.4 116.2



#33

Benzene

Concen: 20.243 ug/L

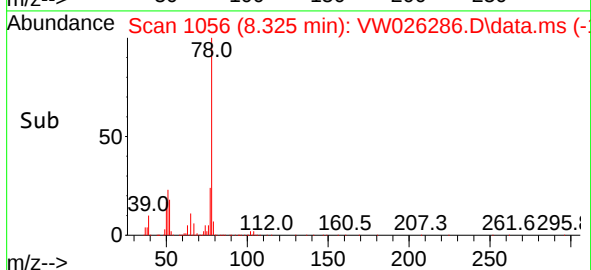
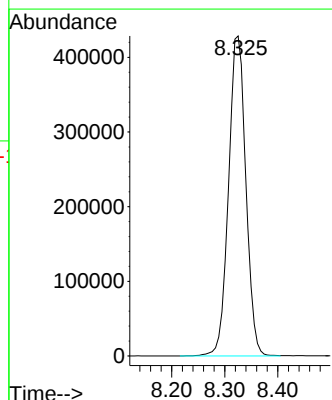
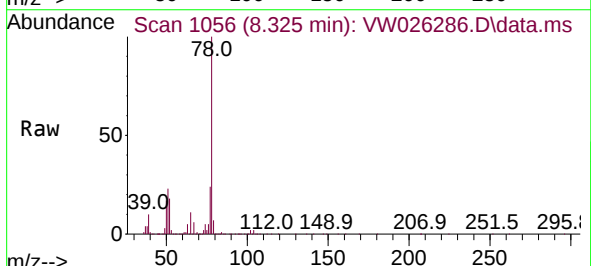
RT: 8.325 min Scan# 1056

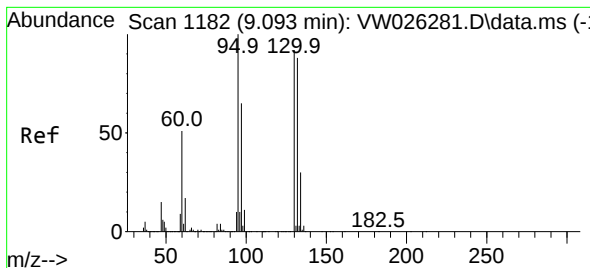
Delta R.T. -0.000 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

Tgt Ion: 78 Resp: 971350





#34

Trichloroethene

Concen: 36.140 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

Tgt Ion: 95 Resp: 444050

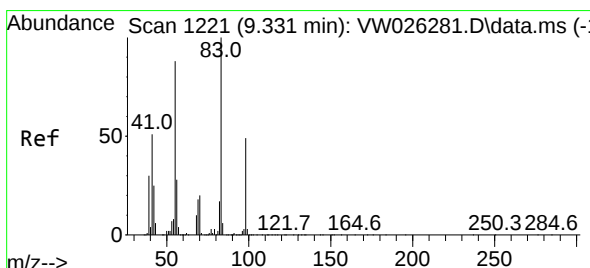
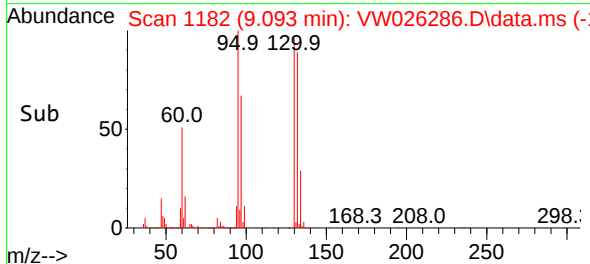
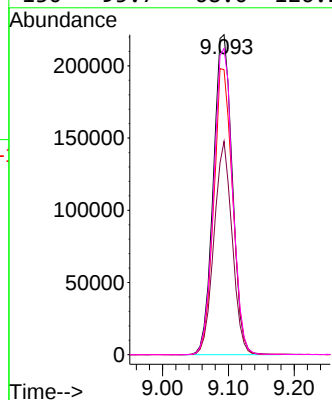
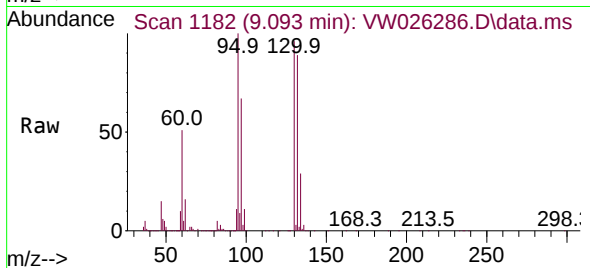
Ion Ratio Lower Upper

95 100

97 66.7 45.9 85.3

132 89.1 67.1 124.7

130 95.7 68.0 126.2



#35

Methylcyclohexane

Concen: 18.571 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

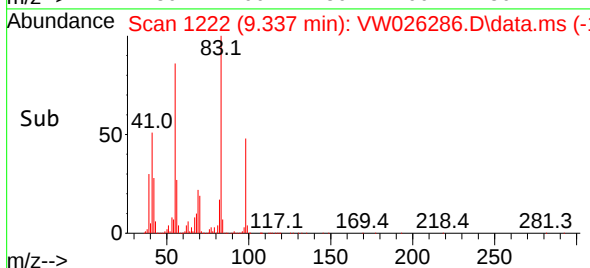
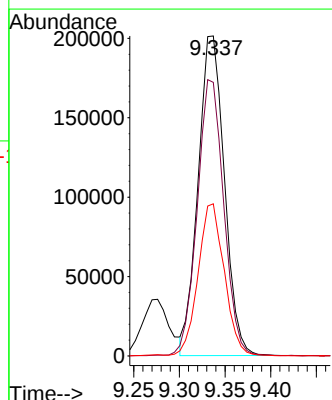
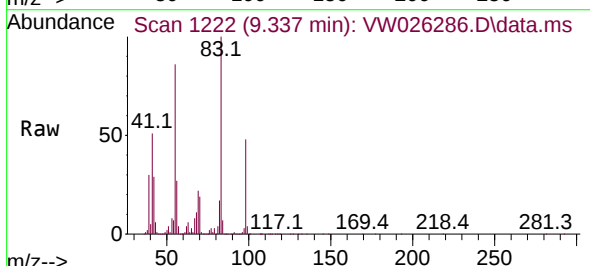
Tgt Ion: 83 Resp: 403758

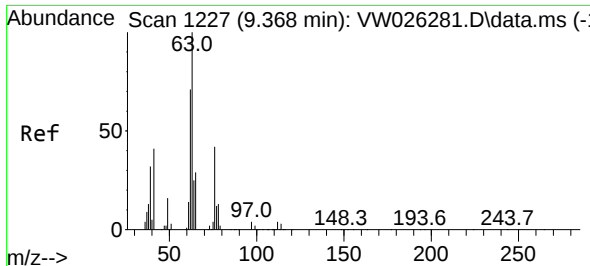
Ion Ratio Lower Upper

83 100

55 87.2 68.2 102.4

98 47.4 38.1 57.1

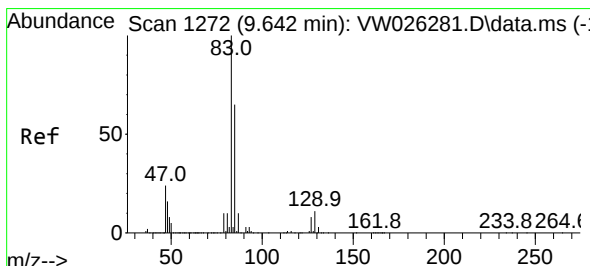
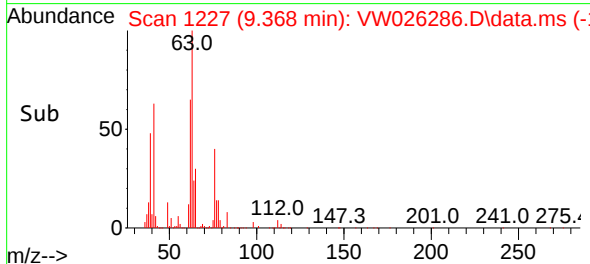
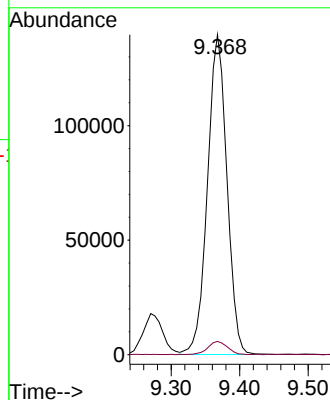
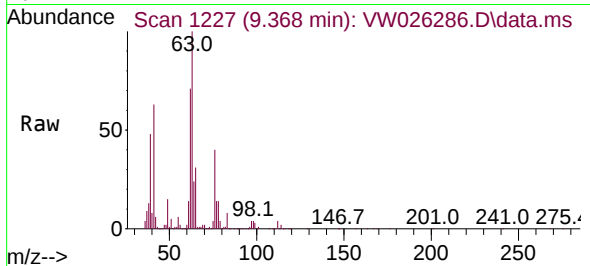




#37
1,2-Dichloropropane
Concen: 21.240 ug/L
RT: 9.368 min Scan# 111
Delta R.T. -0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

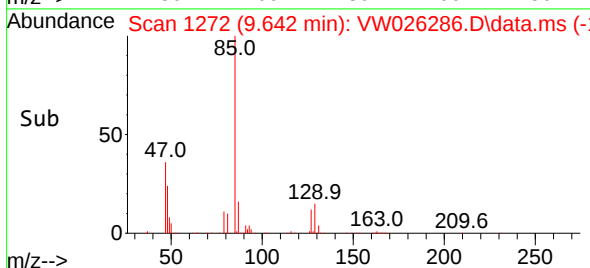
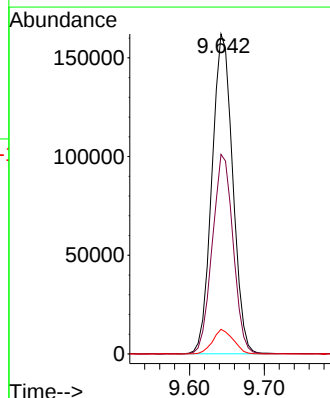
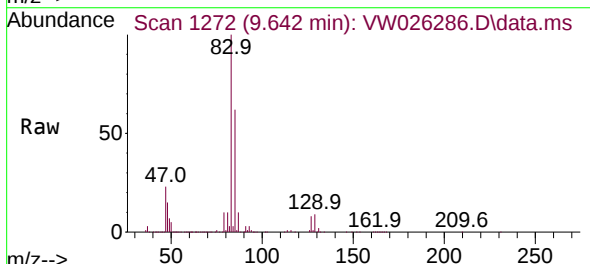
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

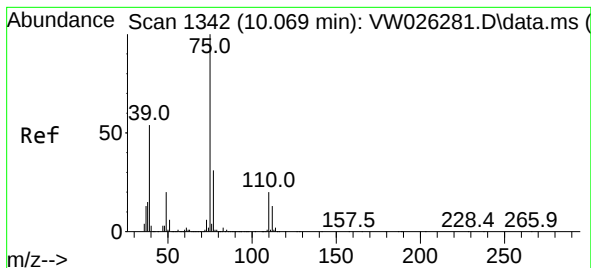
Tgt Ion: 63 Resp: 276048
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9



#38
Bromodichloromethane
Concen: 20.711 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

Tgt Ion: 83 Resp: 312732
Ion Ratio Lower Upper
83 100
85 62.4 44.2 82.0
127 7.7 6.2 9.2

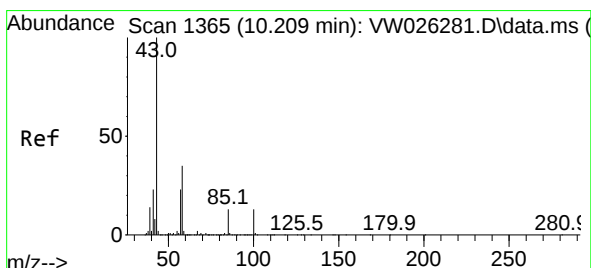
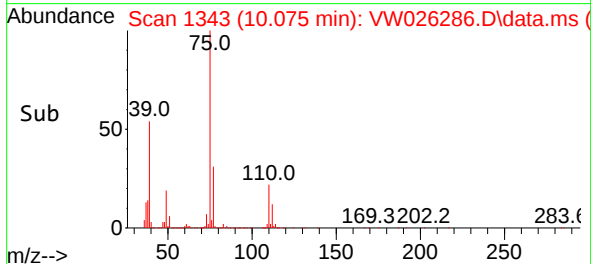
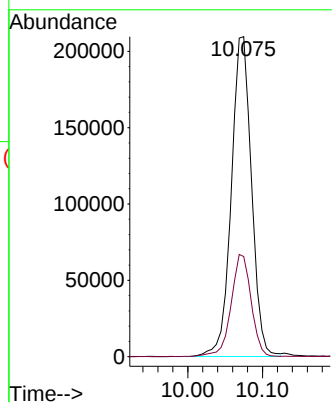
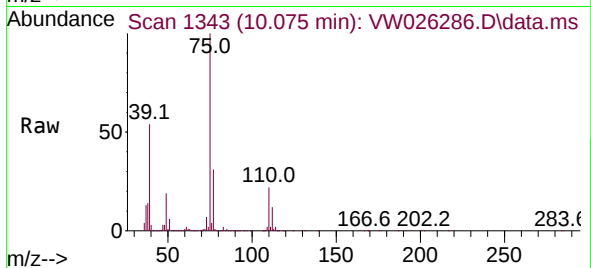




#39
cis-1,3-Dichloropropene
Concen: 20.630 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

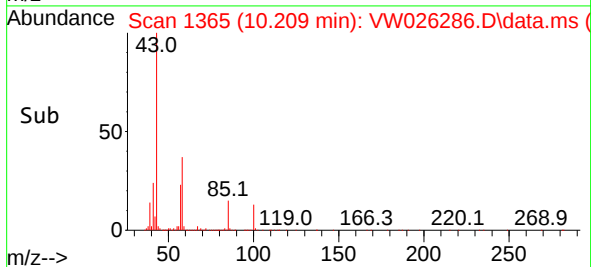
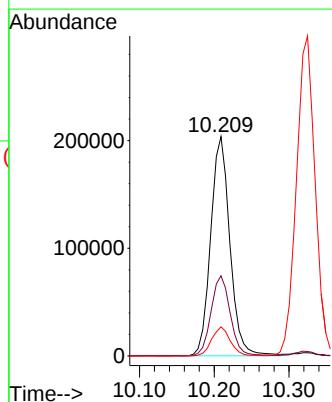
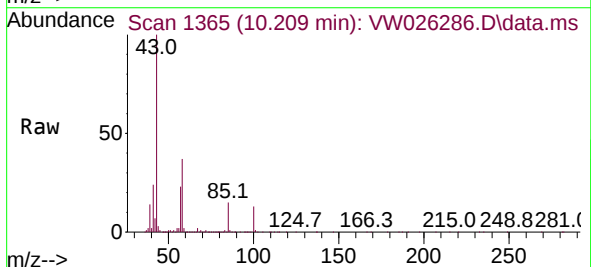
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

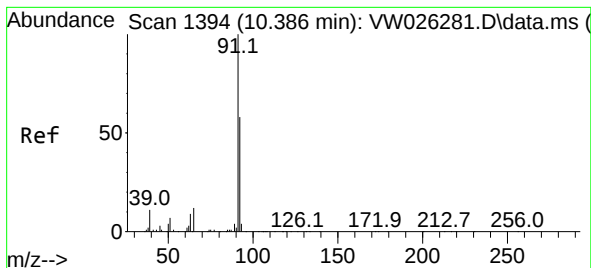
Tgt Ion: 75 Resp: 394017
Ion Ratio Lower Upper
75 100
77 31.3 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 47.493 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

Tgt Ion: 43 Resp: 363917
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.4
100 13.0 10.5 15.7





#42

Toluene

Concen: 20.296 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

Instrument :

MSVOA_W

ClientSampleId :

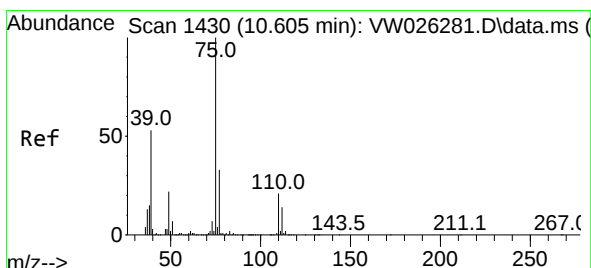
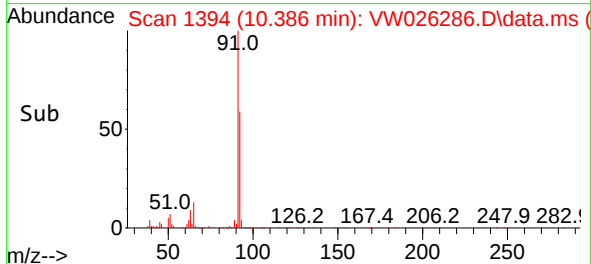
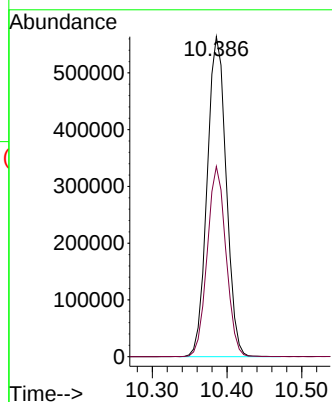
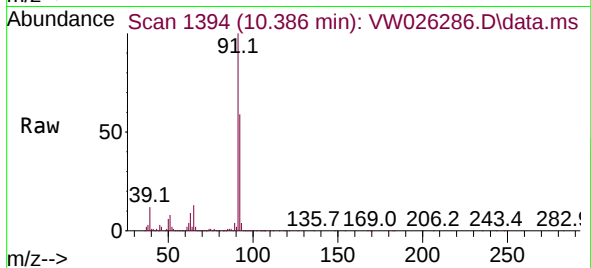
YBW01MSD

Tgt Ion: 91 Resp: 996134

Ion Ratio Lower Upper

91 100

92 59.4 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 21.019 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026286.D

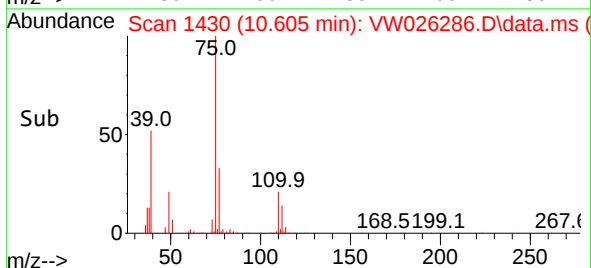
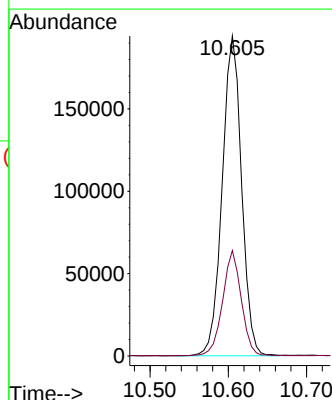
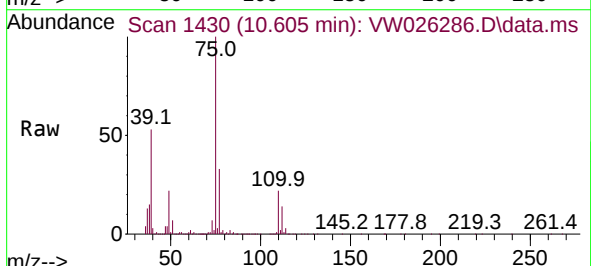
Acq: 21 Jun 2023 13:32

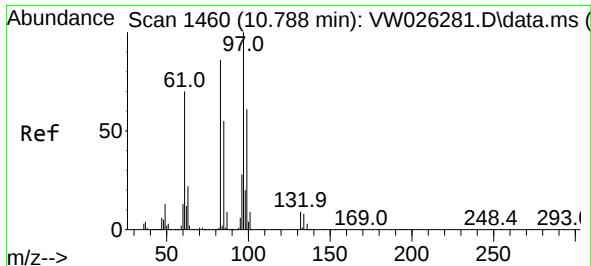
Tgt Ion: 75 Resp: 334456

Ion Ratio Lower Upper

75 100

77 33.0 21.1 39.3



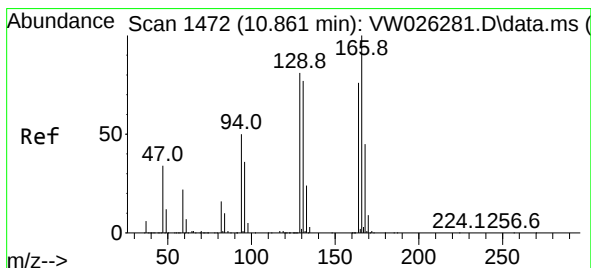
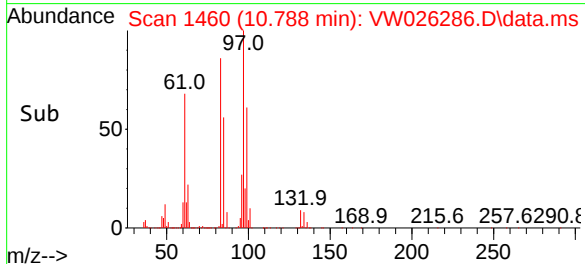
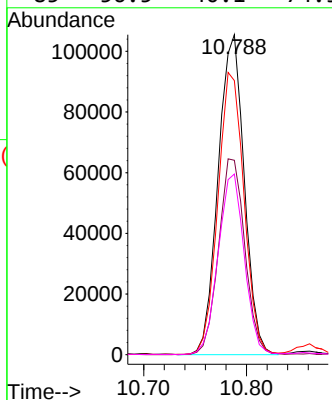
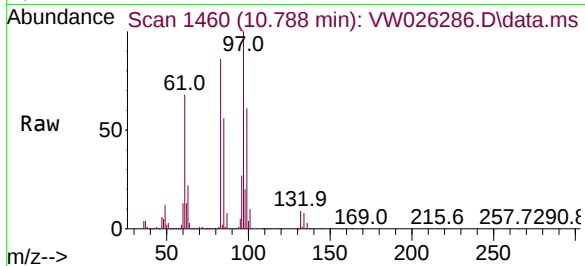


#45
1,1,2-Trichloroethane
Concen: 21.733 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

Tgt Ion: 97 Resp: 186161

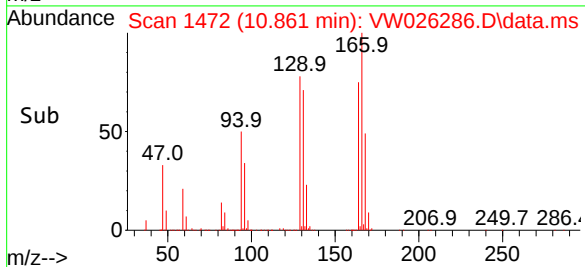
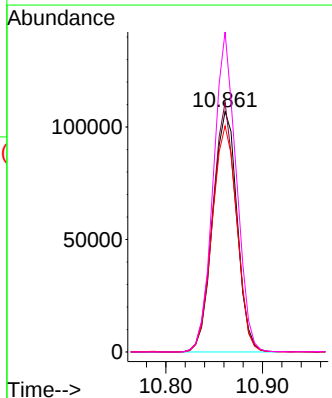
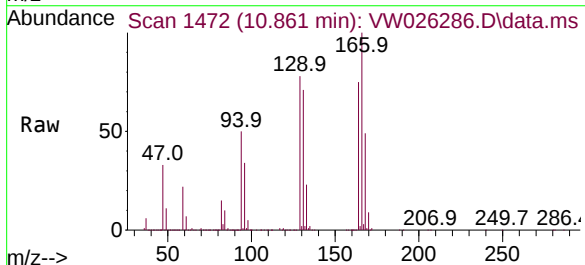
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.3	80.5
83	85.7	62.9	116.9
85	56.5	40.1	74.5

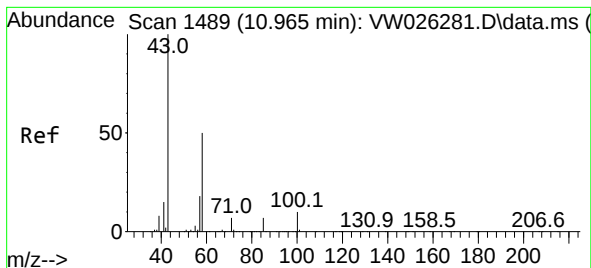


#46
Tetrachloroethene
Concen: 21.461 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

Tgt Ion: 164 Resp: 186513

Ion	Ratio	Lower	Upper
164	100		
129	103.7	68.5	127.1
131	94.0	67.1	124.7
166	133.0	94.1	174.8





#48

2-Hexanone

Concen: 51.498 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

Tgt Ion: 43 Resp: 278232

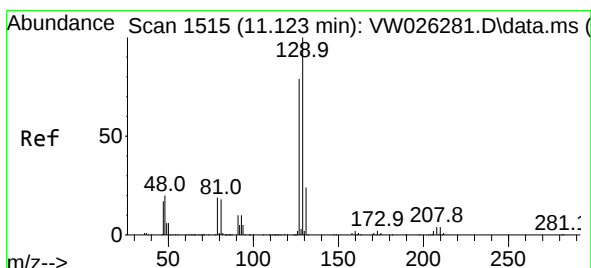
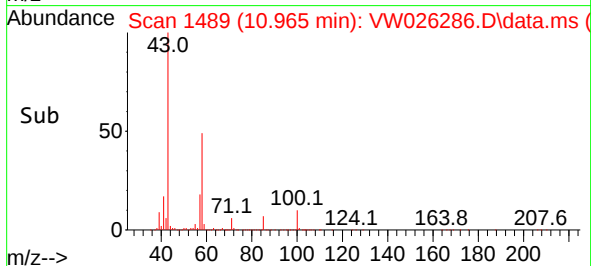
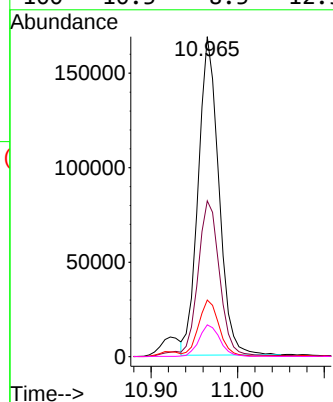
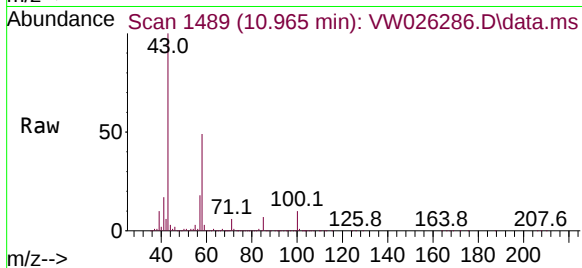
Ion Ratio Lower Upper

43 100

58 50.1 42.2 63.2

57 18.0 14.2 21.2

100 10.3 8.3 12.5



#49

Dibromochloromethane

Concen: 21.356 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW026286.D

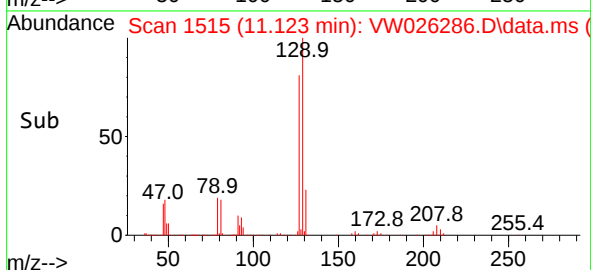
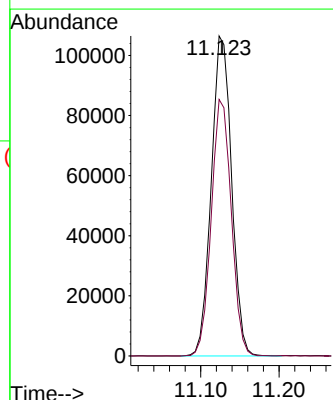
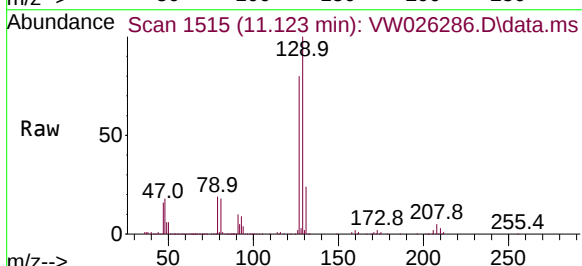
Acq: 21 Jun 2023 13:32

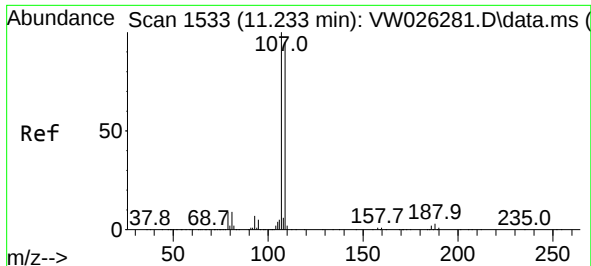
Tgt Ion: 129 Resp: 191792

Ion Ratio Lower Upper

129 100

127 80.1 56.9 105.7





#50

1,2-Dibromoethane

Concen: 21.170 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

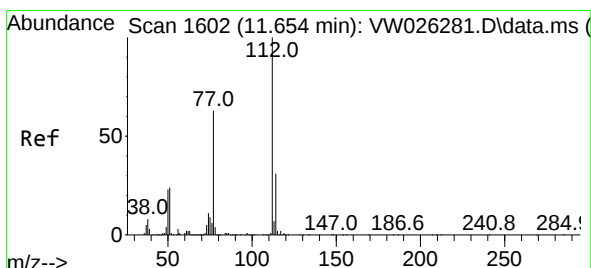
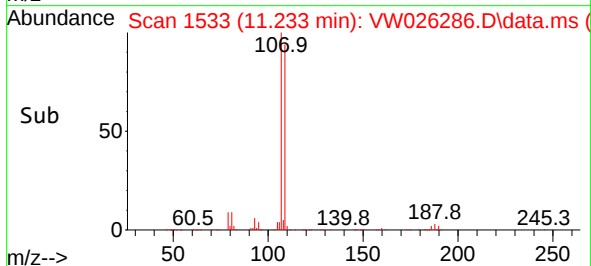
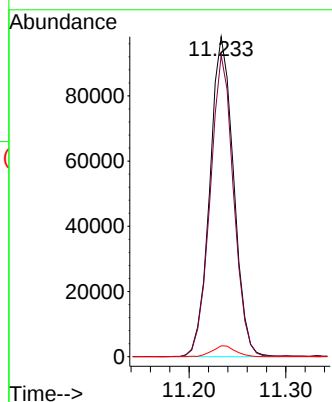
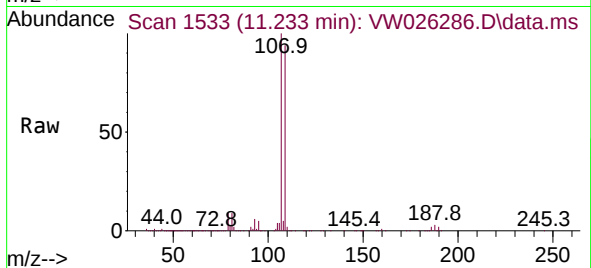
Tgt Ion:107 Resp: 167905

Ion Ratio Lower Upper

107 100

109 94.2 64.0 119.0

188 3.6 2.6 3.8



#51

Chlorobenzene

Concen: 19.571 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

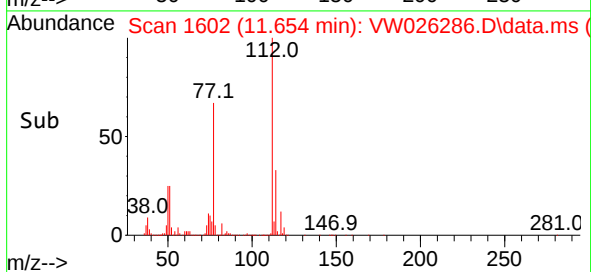
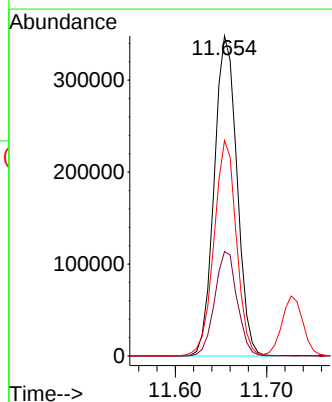
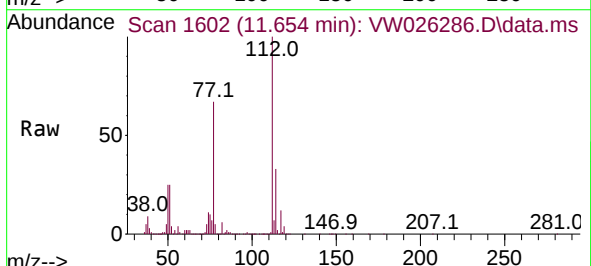
Tgt Ion:112 Resp: 601900

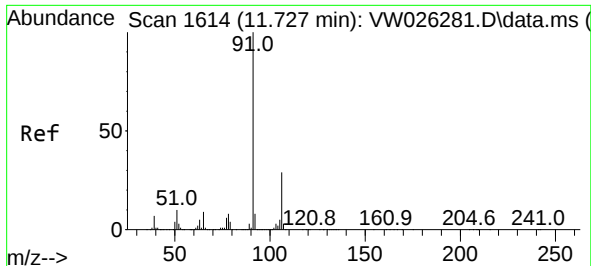
Ion Ratio Lower Upper

112 100

114 32.7 23.0 42.6

77 67.4 50.9 76.3

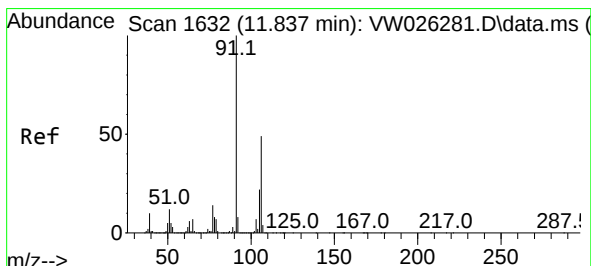
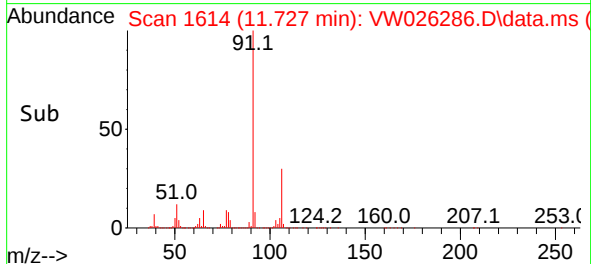
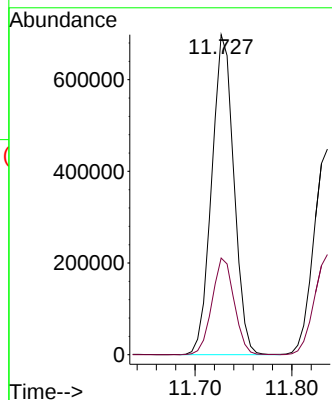
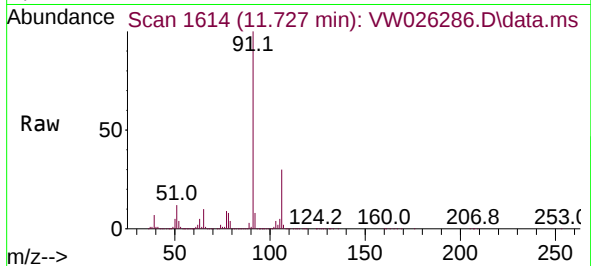




#52
Ethylbenzene
Concen: 20.036 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

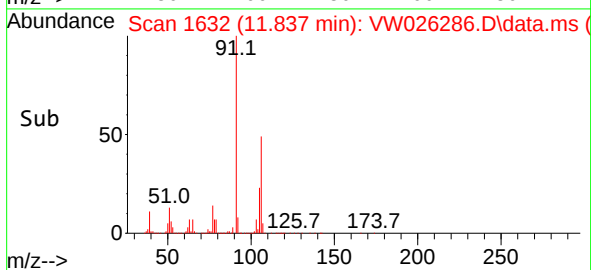
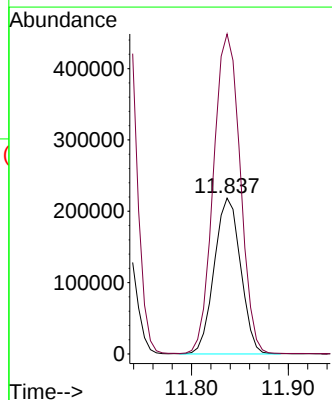
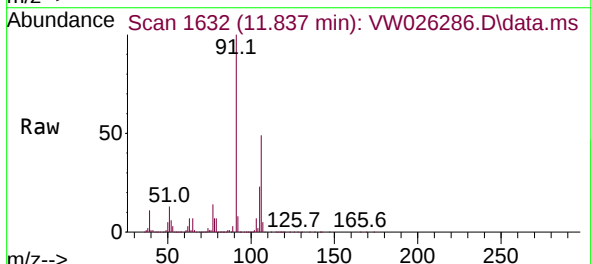
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

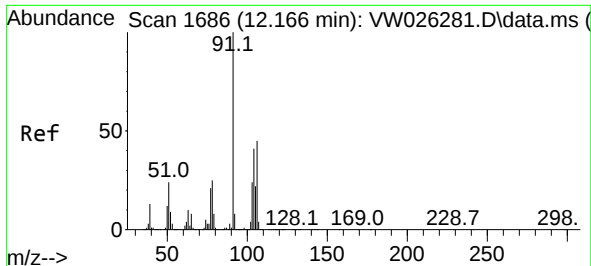
Tgt Ion: 91 Resp: 1109273
Ion Ratio Lower Upper
91 100
106 30.2 21.2 39.4



#53
m,p-Xylene
Concen: 20.092 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

Tgt Ion:106 Resp: 413817
Ion Ratio Lower Upper
106 100
91 205.2 149.5 277.7

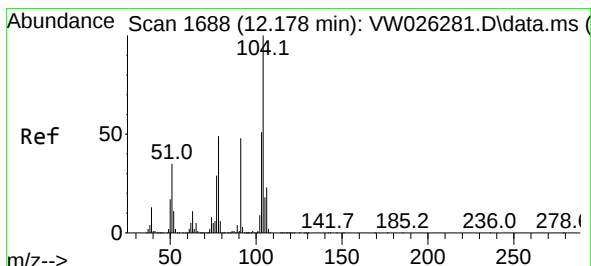
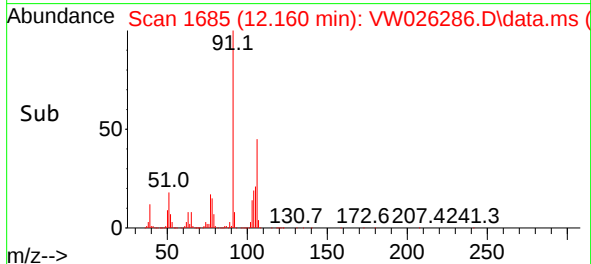
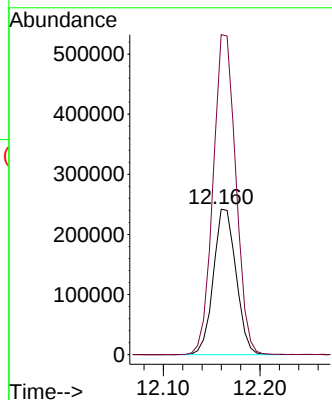
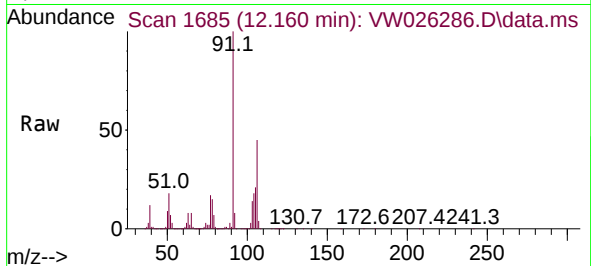




#54
o-Xylene
Concen: 20.246 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

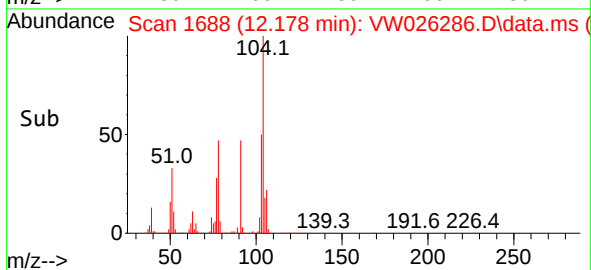
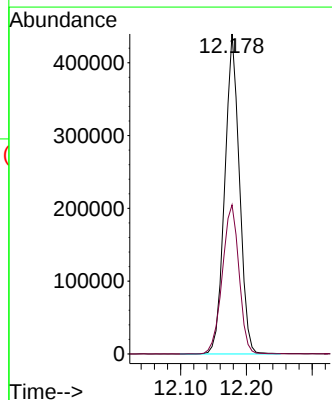
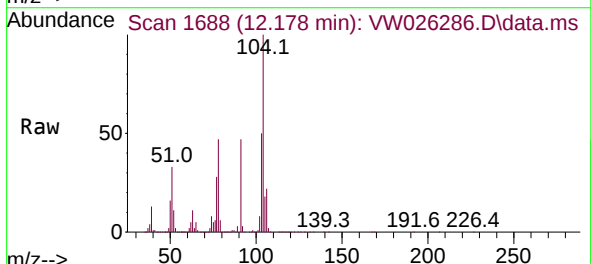
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

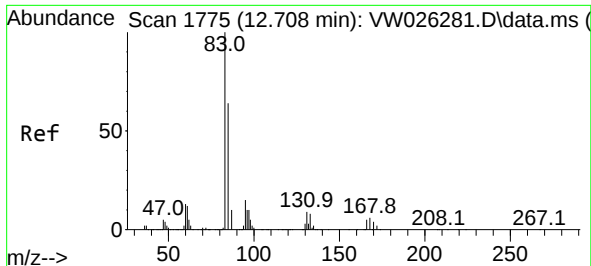
Tgt Ion:106 Resp: 393582
Ion Ratio Lower Upper
106 100
91 220.1 150.9 280.3



#55
Styrene
Concen: 20.453 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026286.D
Acq: 21 Jun 2023 13:32

Tgt Ion:104 Resp: 682130
Ion Ratio Lower Upper
104 100
78 46.6 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 22.407 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

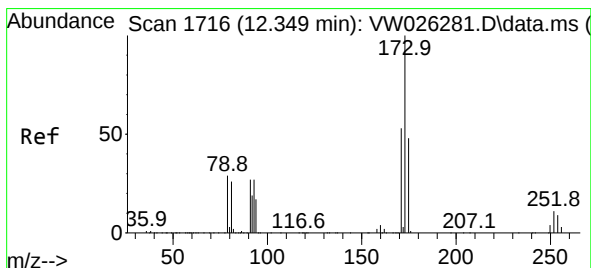
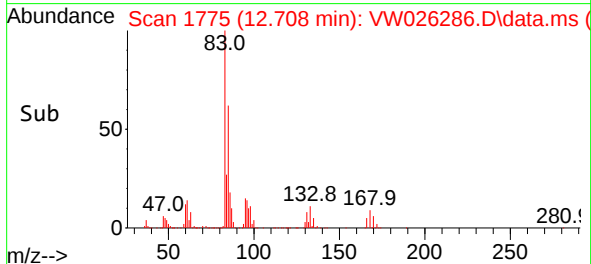
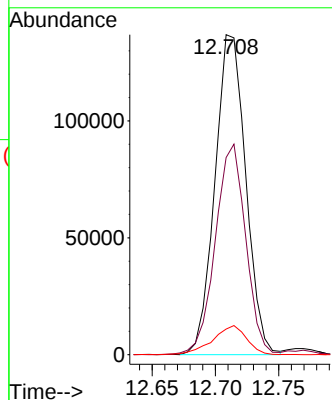
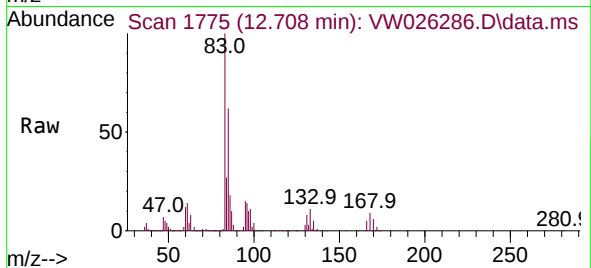
Tgt Ion: 83 Resp: 232280

Ion Ratio Lower Upper

83 100

85 61.6 42.6 79.0

131 8.0 7.2 10.8



#59

Bromoform

Concen: 20.749 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

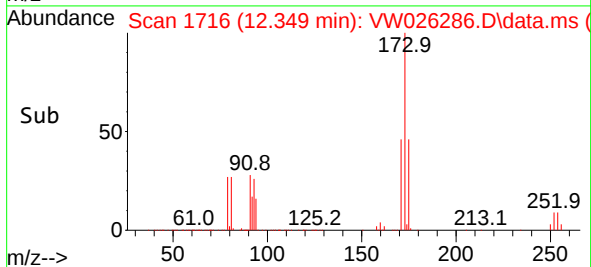
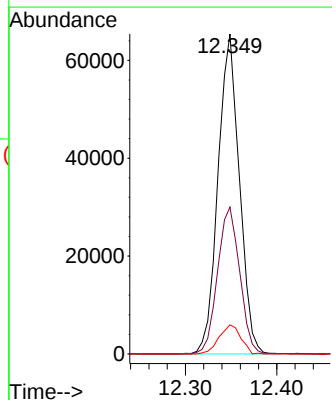
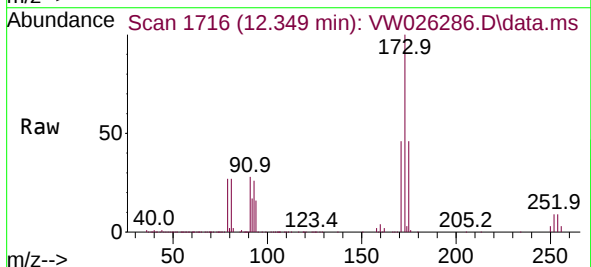
Tgt Ion: 173 Resp: 106387

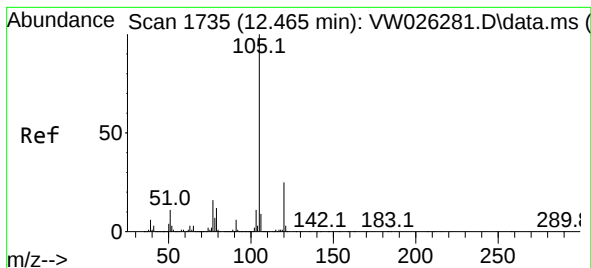
Ion Ratio Lower Upper

173 100

175 47.4 38.6 57.8

254 9.1 7.4 11.0





#60

Isopropylbenzene

Concen: 20.308 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

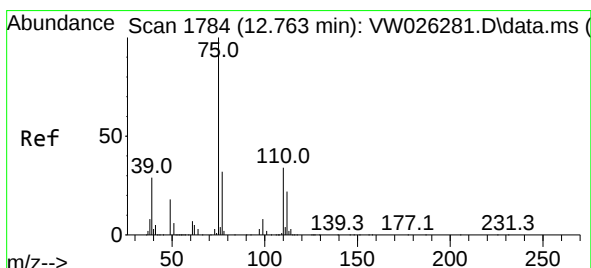
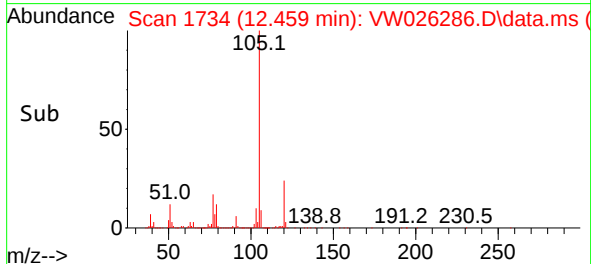
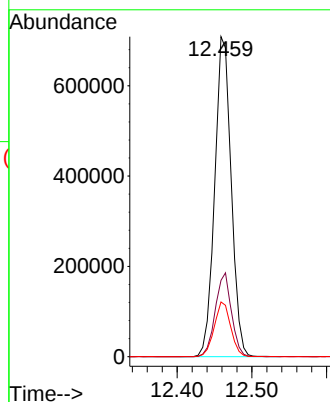
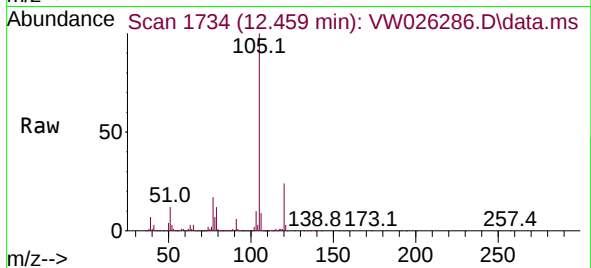
Tgt Ion:105 Resp: 1089079

Ion Ratio Lower Upper

105 100

120 25.7 19.8 29.8

77 17.1 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 21.984 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

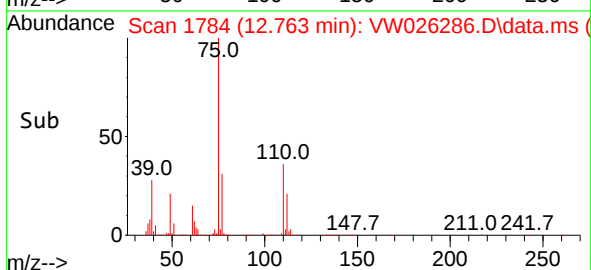
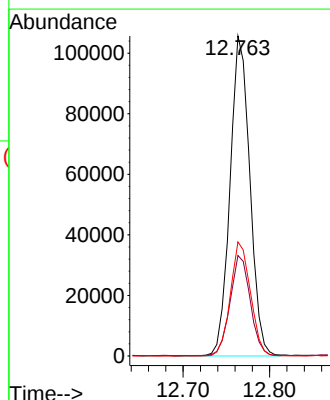
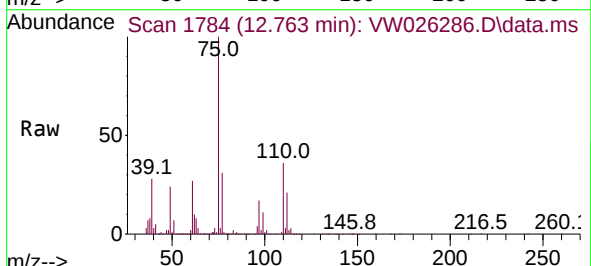
Tgt Ion: 75 Resp: 168108

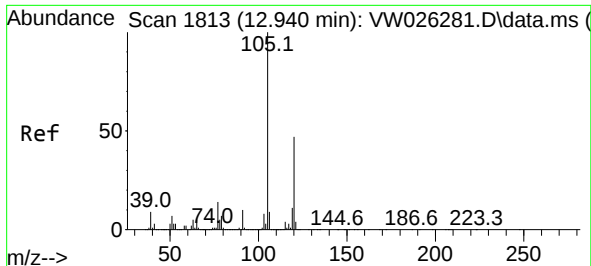
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

110 36.1 28.7 43.1

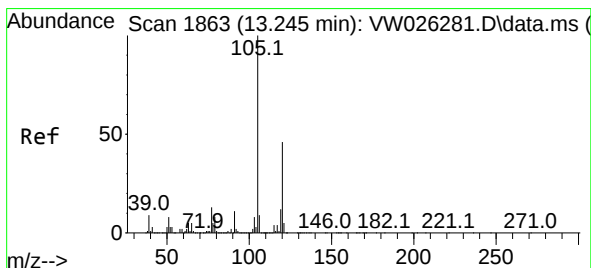
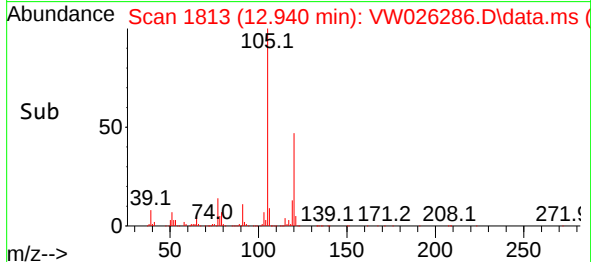
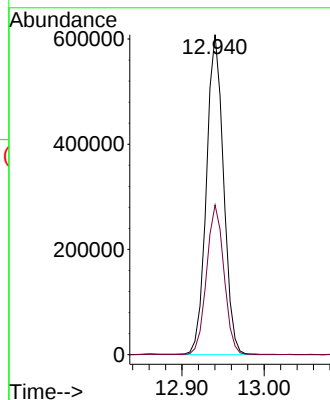
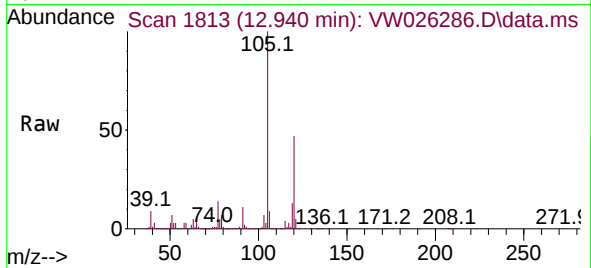




#62
 1,3,5-Trimethylbenzene
 Concen: 20.639 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW026286.D
 Acq: 21 Jun 2023 13:32

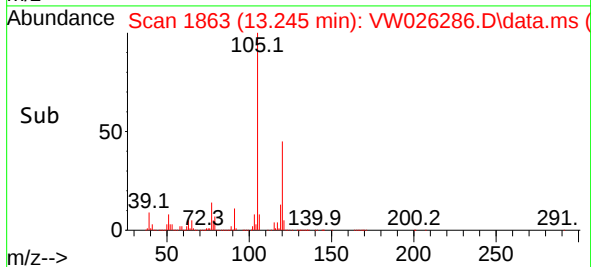
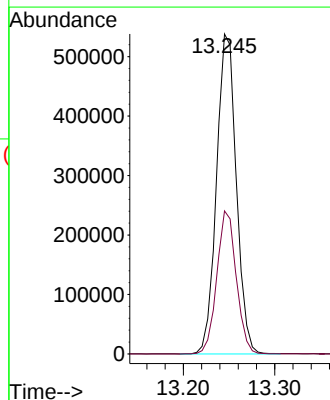
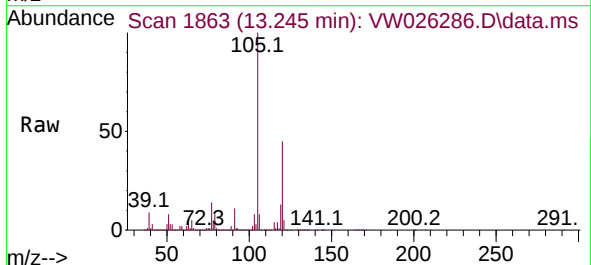
Instrument :
 MSVOA_W
 ClientSampleId :
 YBW01MSD

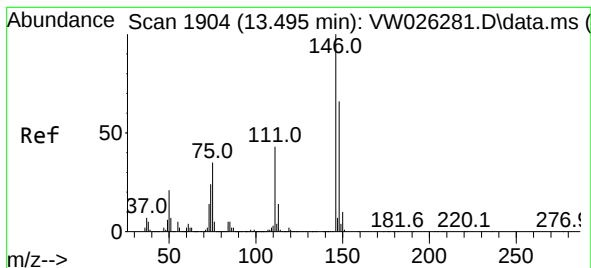
Tgt Ion:105 Resp: 879860
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 20.743 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW026286.D
 Acq: 21 Jun 2023 13:32

Tgt Ion:105 Resp: 809945
 Ion Ratio Lower Upper
 105 100
 120 43.8 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 19.740 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

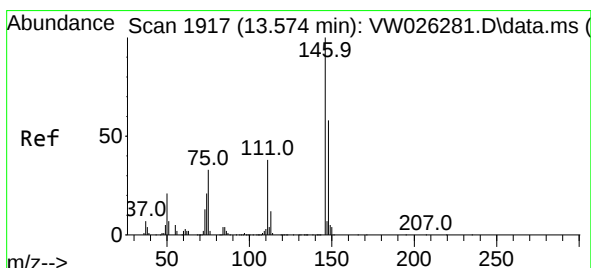
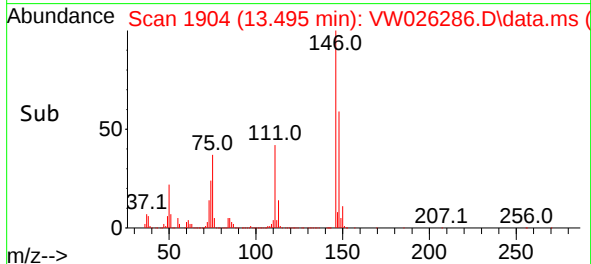
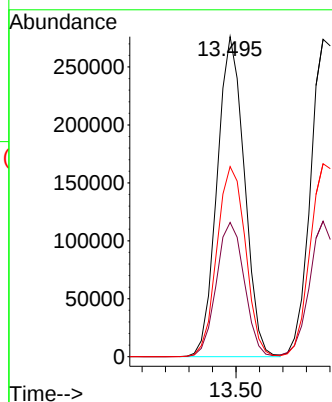
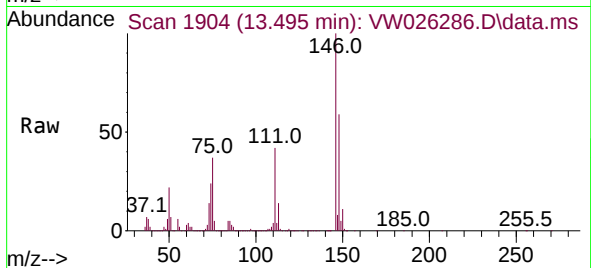
Tgt Ion:146 Resp: 445107

Ion Ratio Lower Upper

146 100

111 42.0 29.7 55.1

148 59.4 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 20.108 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

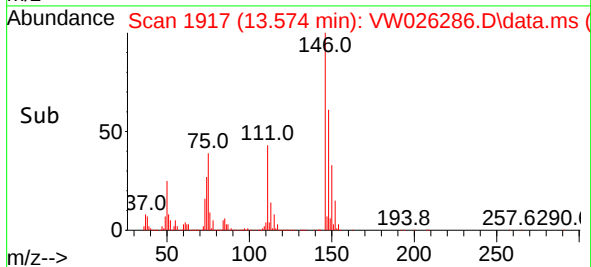
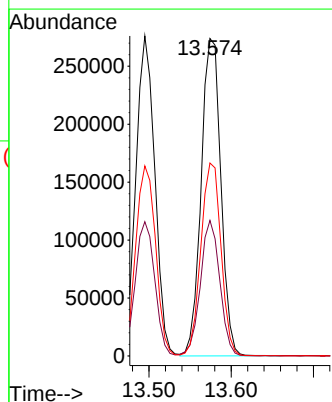
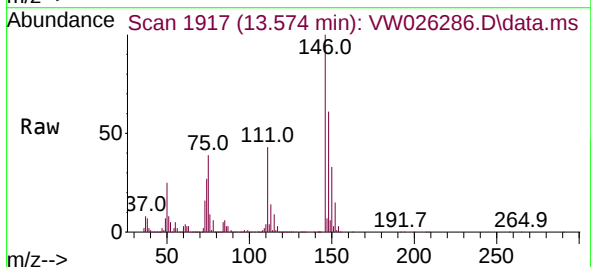
Tgt Ion:146 Resp: 456485

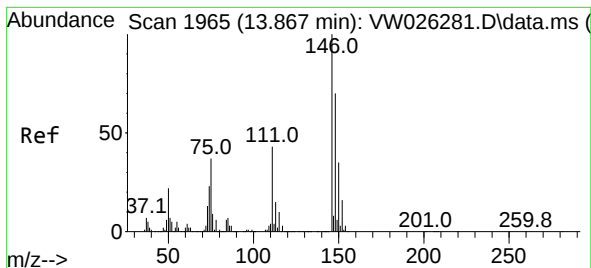
Ion Ratio Lower Upper

146 100

111 42.7 29.2 54.2

148 60.8 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 20.382 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

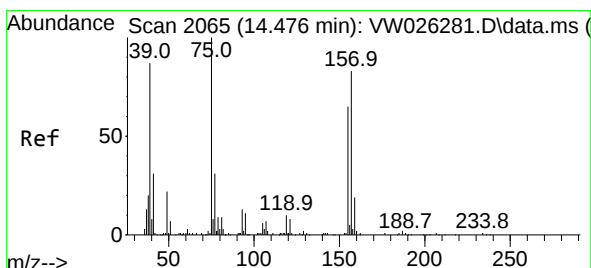
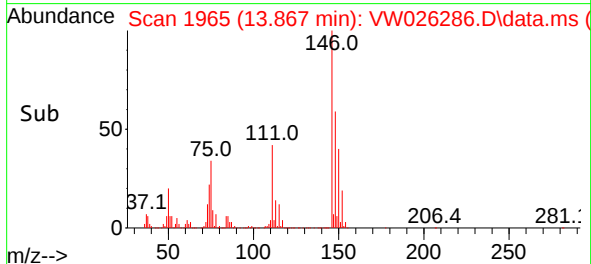
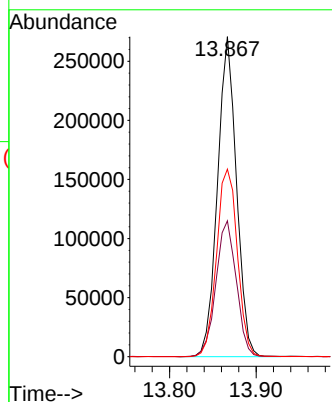
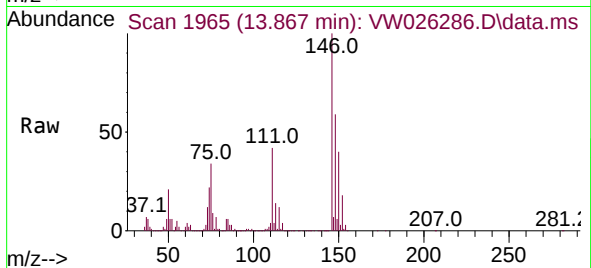
Tgt Ion:146 Resp: 412706

Ion Ratio Lower Upper

146 100

111 42.5 35.4 53.0

148 58.6 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 20.358 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

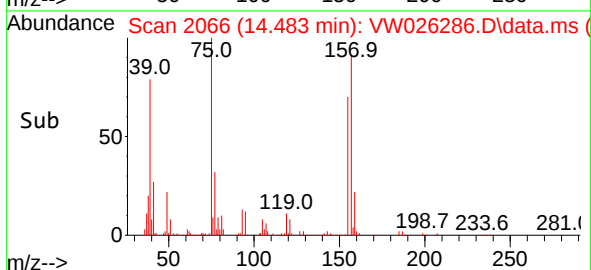
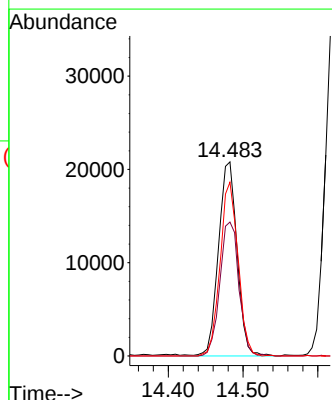
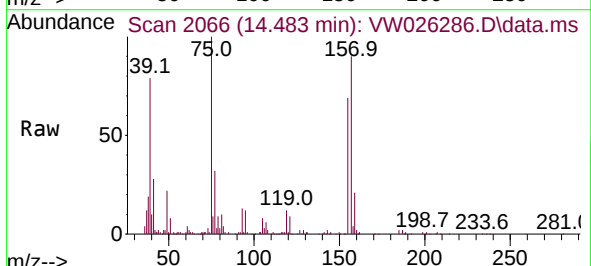
Tgt Ion: 75 Resp: 36067

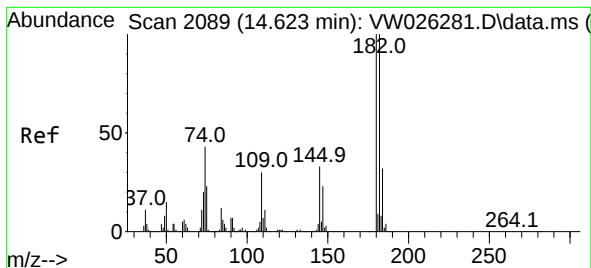
Ion Ratio Lower Upper

75 100

155 69.0 59.0 88.6

157 89.5 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 18.075 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

Tgt Ion:180 Resp: 279965

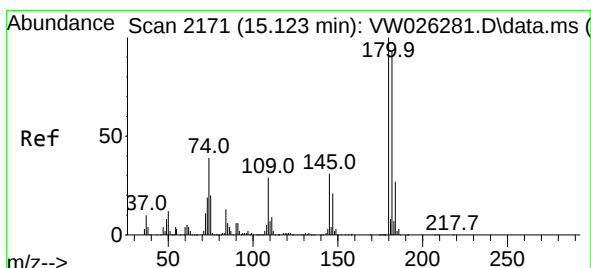
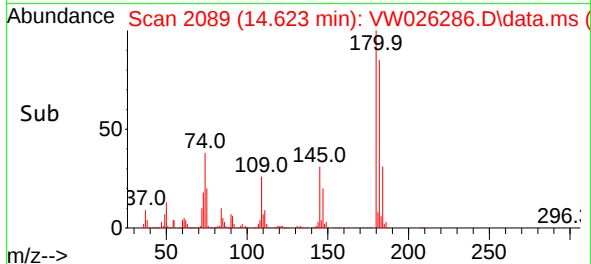
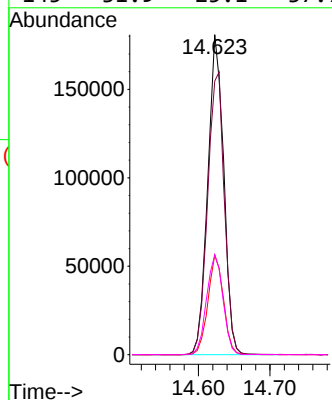
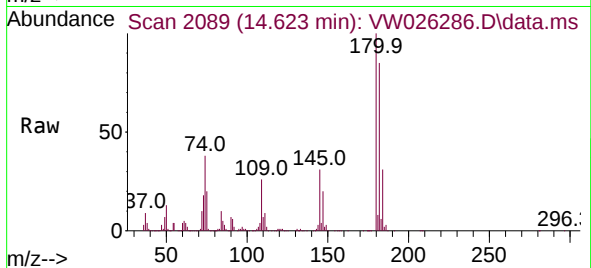
Ion Ratio Lower Upper

180 100

182 92.7 77.0 115.4

184 30.4 23.7 35.5

145 31.9 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 17.624 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

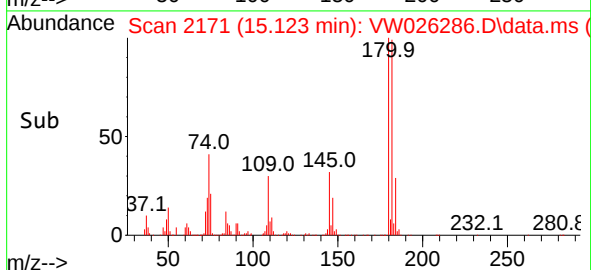
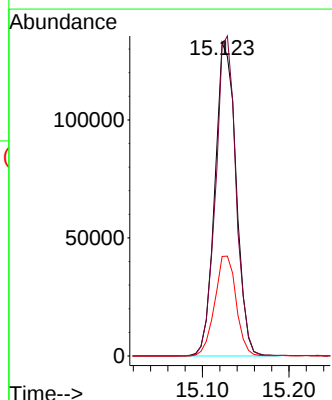
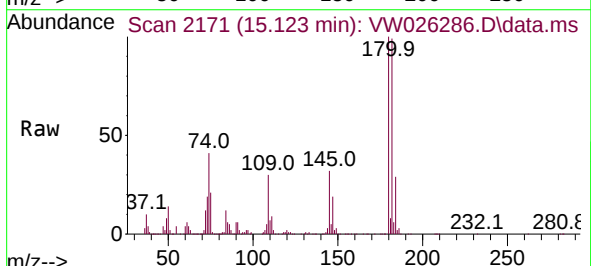
Tgt Ion:180 Resp: 225252

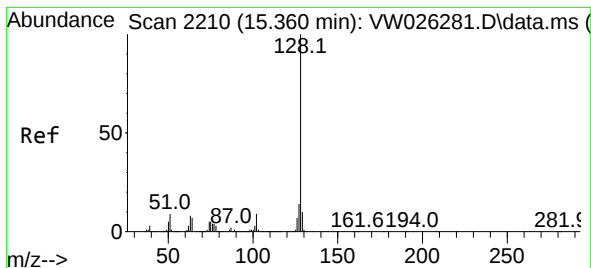
Ion Ratio Lower Upper

180 100

182 98.5 78.9 118.3

145 32.3 27.2 40.8





#71

Naphthalene

Concen: 20.249 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

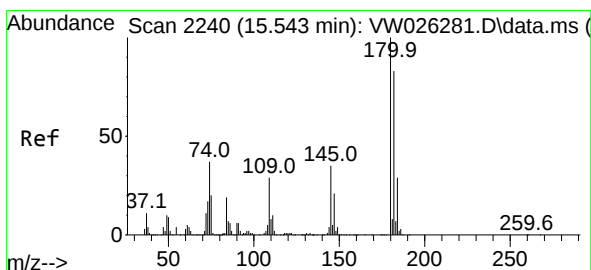
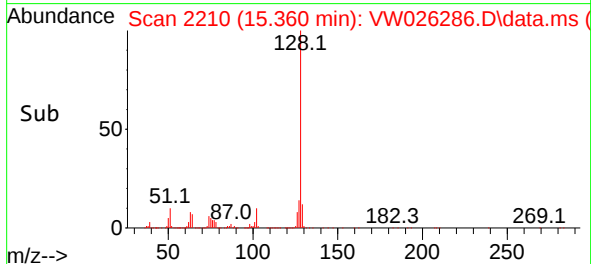
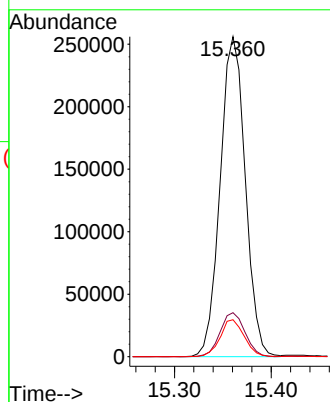
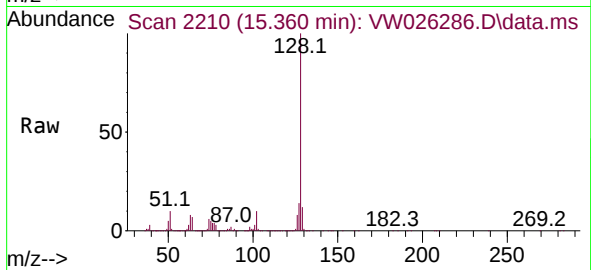
Tgt Ion:128 Resp: 461242

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

129 11.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 18.014 ug/L

RT: 15.556 min Scan# 2242

Delta R.T. 0.012 min

Lab File: VW026286.D

Acq: 21 Jun 2023 13:32

Tgt Ion:180 Resp: 201217

Ion Ratio Lower Upper

180 100

182 95.8 76.3 114.5

145 35.9 27.0 40.6

