

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101123\
 Data File : VW027283.D
 Acq On : 11 Oct 2023 13:00
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 12 01:18:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 12 01:13:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	494970	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	453686	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	234318	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	208047	27.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.160%	
7) Chloroethane-d5	2.899	69	155351	28.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.560%	
11) 1,1-Dichloroethene-d2	4.021	65	102289	27.024	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 108.080%	
21) 2-Butanone-d5	7.075	46	126004	50.185	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.380%	
24) Chloroform-d	7.648	84	394757	26.759	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.040%	
26) 1,2-Dichloroethane-d4	8.306	65	209239	26.403	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.600%	
32) Benzene-d6	8.276	84	825270	26.886	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 107.560%	
36) 1,2-Dichloropropane-d6	9.276	67	248326	26.487	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 105.960%	
41) Toluene-d8	10.324	98	724092	26.014	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 104.040%	
43) trans-1,3-Dichloroprop...	10.574	79	112509	26.320	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 105.280%	
47) 2-Hexanone-d5	10.922	63	103270	53.239	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 106.480%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	178889	25.574	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 102.280%	
66) 1,2-Dichlorobenzene-d4	13.848	152	217507	25.615	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	149267	25.346	ug/L	# 88
3) Chloromethane	2.222	50	178305	26.345	ug/L	100
5) Vinyl chloride	2.374	62	193520	25.598	ug/L	97
6) Bromomethane	2.789	94	109705	25.477	ug/L	98
8) Chloroethane	2.935	64	115368	26.511	ug/L	100
9) Trichlorofluoromethane	3.265	101	142604	26.737	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	175848	26.329	ug/L	# 51
12) 1,1-Dichloroethene	4.045	96	168611	25.978	ug/L	95
13) Acetone	4.118	43	142767	65.834	ug/L	99
14) Carbon disulfide	4.386	76	497402	24.720	ug/L	100
15) Methyl Acetate	4.667	43	90823	24.521	ug/L	99
16) Methylene chloride	4.917	84	186680	20.604	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	179781	25.773	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	301047	25.015	ug/L	100
19) 1,1-Dichloroethane	6.221	63	361916	25.430	ug/L	96
20) cis-1,2-Dichloroethene	7.166	96	200015	25.391	ug/L	98
22) 2-Butanone	7.166	43	167414	51.577	ug/L	99
23) Bromochloromethane	7.514	128	81479	25.053	ug/L	95
25) Chloroform	7.678	83	340588	25.570	ug/L	96

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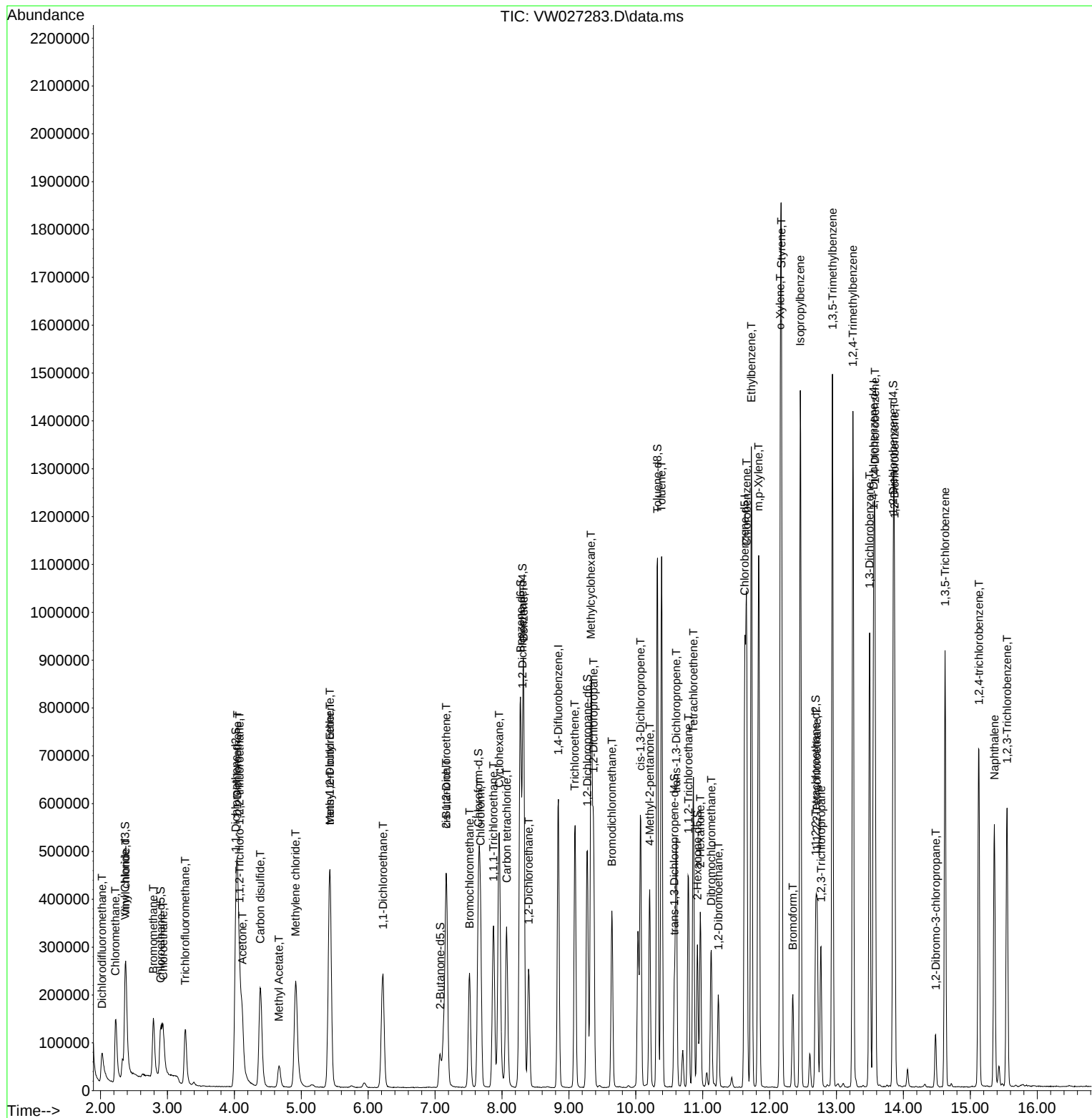
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	231167	25.549	ug/L	99
29) Cyclohexane	7.959	56	349470	25.370	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	288672	26.084	ug/L	99
31) Carbon tetrachloride	8.069	117	258523	25.907	ug/L	99
33) Benzene	8.325	78	759902	25.629	ug/L	100
34) Trichloroethene	9.087	95	200411	25.589	ug/L	91
35) Methylcyclohexane	9.331	83	358628	25.606	ug/L	99
37) 1,2-Dichloropropane	9.367	63	204162	25.466	ug/L	99
38) Bromodichloromethane	9.641	83	248831	25.242	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	339221	25.615	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	282101	51.166	ug/L	100
42) Toluene	10.385	91	796018	25.592	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	287336	25.714	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	139309	25.252	ug/L	97
46) Tetrachloroethene	10.861	164	139233	25.746	ug/L	94
48) 2-Hexanone	10.964	43	236452	57.944	ug/L	99
49) Dibromochloromethane	11.129	129	153744	25.094	ug/L	96
50) 1,2-Dibromoethane	11.233	107	133086	24.882	ug/L	95
51) Chlorobenzene	11.653	112	496312	25.481	ug/L	97
52) Ethylbenzene	11.726	91	933853	25.837	ug/L	98
53) m,p-Xylene	11.836	106	348744	25.439	ug/L	99
54) o-Xylene	12.159	106	330111	25.145	ug/L	95
55) Styrene	12.178	104	568800	25.369	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	169230	25.128	ug/L	97
59) Bromoform	12.348	173	88309	25.328	ug/L	97
60) Isopropylbenzene	12.458	105	919658	24.984	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	125707	24.570	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	779889	25.400	ug/L	99
63) 1,2,4-Trimethylbenzene	13.244	105	756811	25.192	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	373774	25.040	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	369758	24.804	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	319765	24.141	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	31563	24.684	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	249487	25.747	ug/L	95
70) 1,2,4-trichlorobenzene	15.128	180	214728	26.035	ug/L	99
71) Naphthalene	15.360	128	455422	26.851	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	178669	26.345	ug/L	95

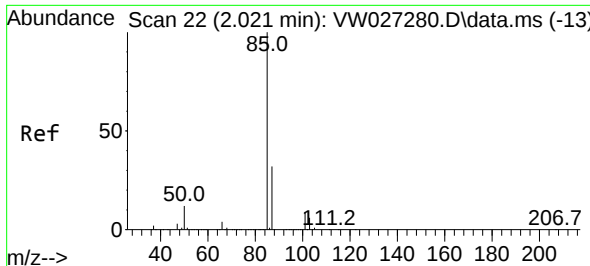
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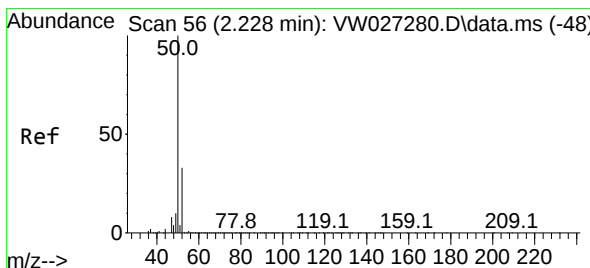
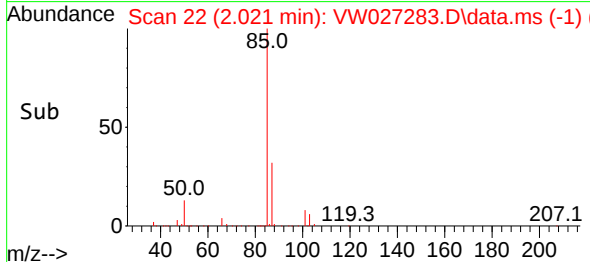
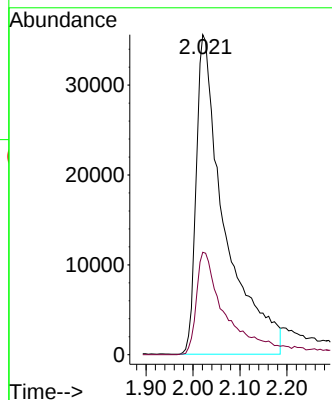
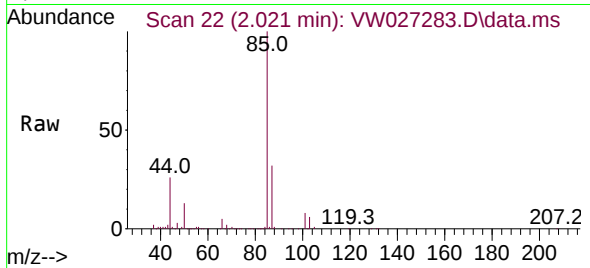




#2
 Dichlorodifluoromethane
 Concen: 25.346 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027283.D
 Acq: 11 Oct 2023 13:00

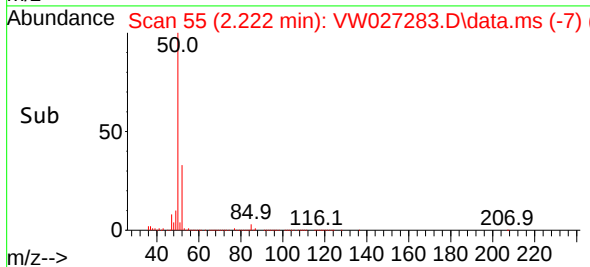
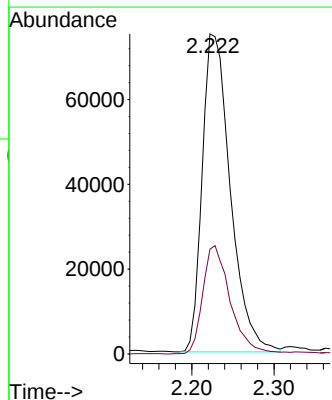
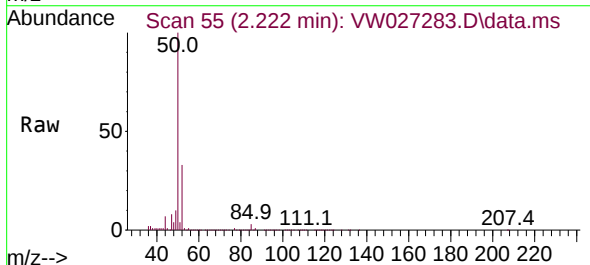
Instrument :
 MSVOA_W
 ClientSampleId :

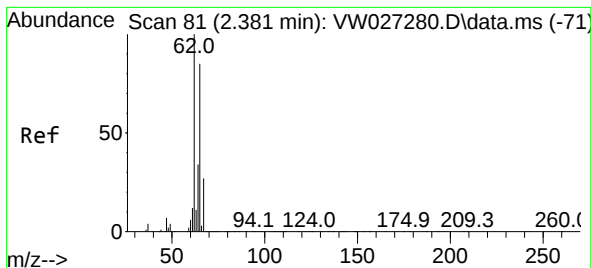
Tgt Ion: 85 Resp: 149267
 Ion Ratio Lower Upper
 85 100
 87 28.8 18.3 27.5#



#3
 Chloromethane
 Concen: 26.345 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW027283.D
 Acq: 11 Oct 2023 13:00

Tgt Ion: 50 Resp: 178305
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.3





#5

Vinyl chloride

Concen: 25.598 ug/L

RT: 2.374 min Scan# 80

Delta R.T. -0.006 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

Instrument :

MSVOA_W

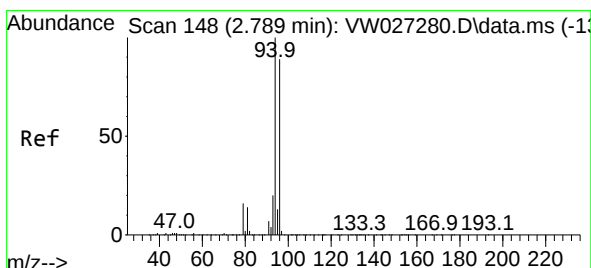
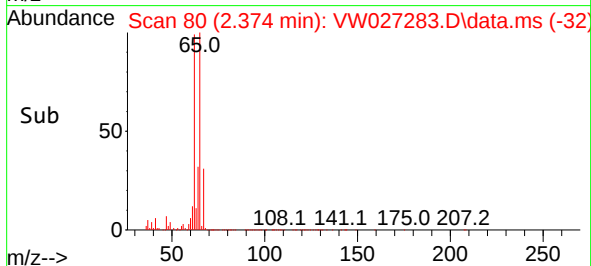
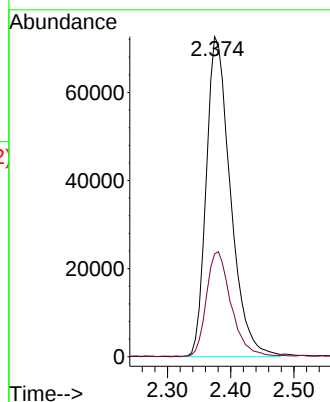
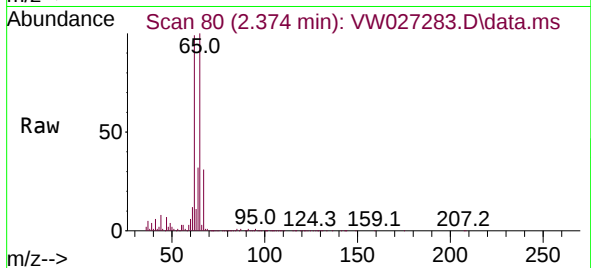
ClientSampleId :

Tgt Ion: 62 Resp: 193520

Ion Ratio Lower Upper

62 100

64 32.2 23.8 44.2



#6

Bromomethane

Concen: 25.477 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW027283.D

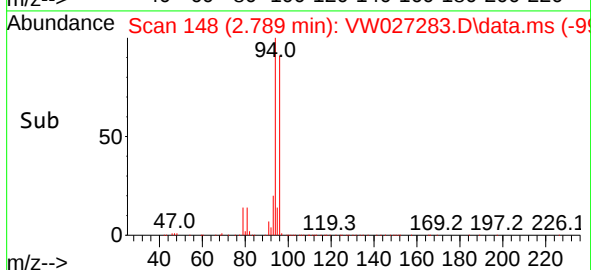
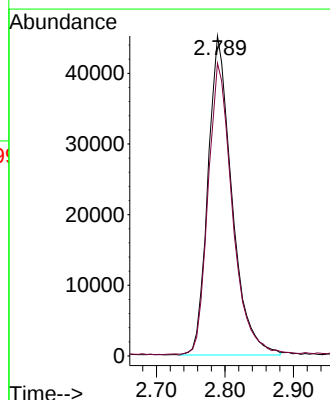
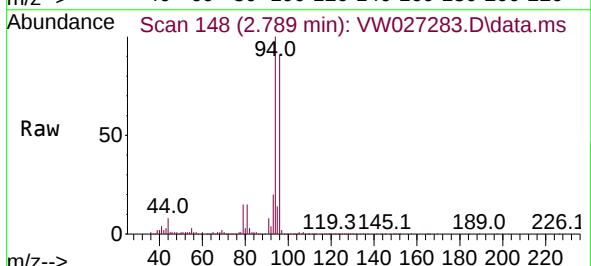
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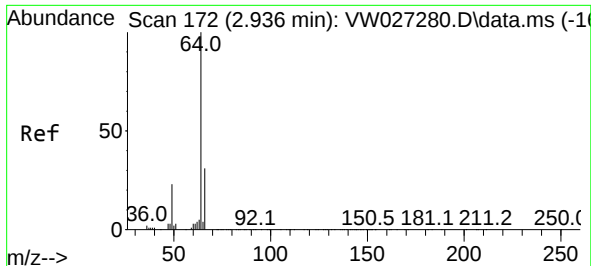
Tgt Ion: 94 Resp: 109705

Ion Ratio Lower Upper

94 100

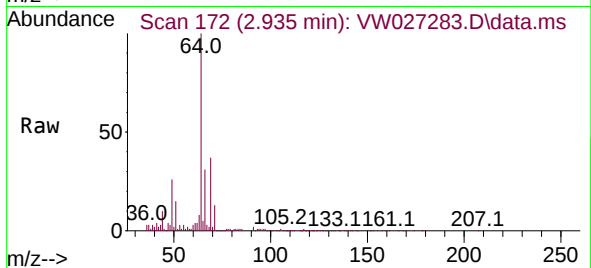
96 91.5 62.9 116.9



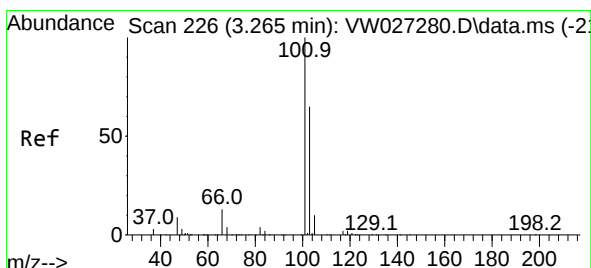
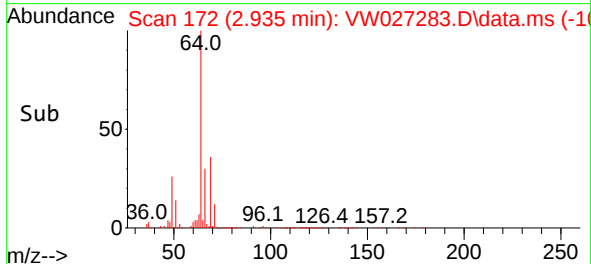
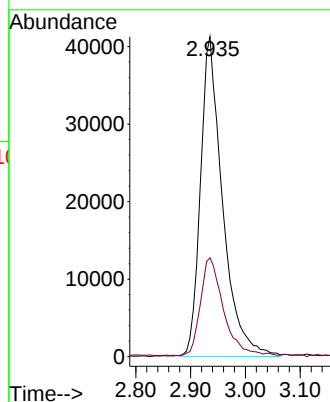


#8
Chloroethane
Concen: 26.511 ug/L
RT: 2.935 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

Instrument :
MSVOA_W
ClientSampleId :

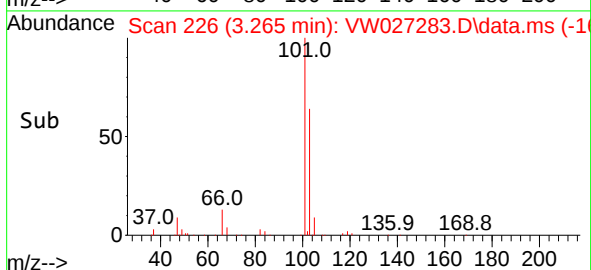
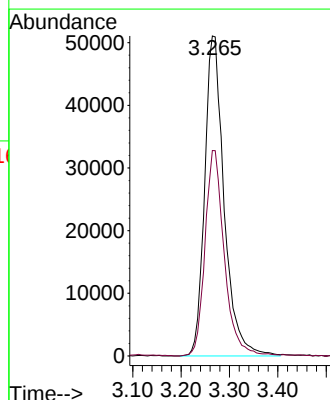
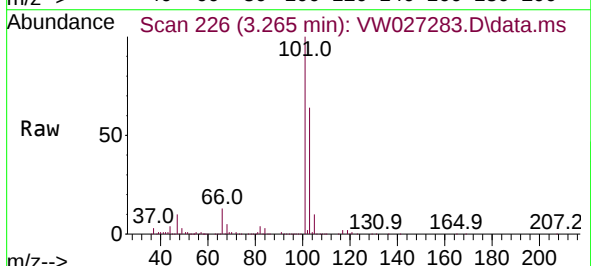


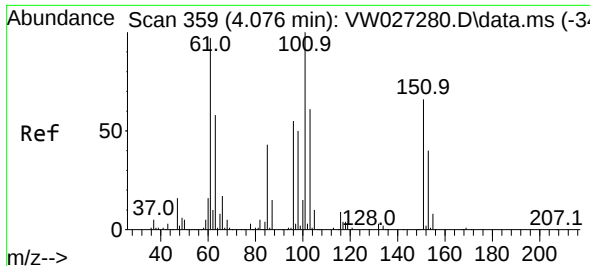
Tgt Ion: 64 Resp: 115368
Ion Ratio Lower Upper
64 100
66 30.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 26.737 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

Tgt Ion:101 Resp: 142604
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4





#10

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

Concen: 26.329 ug/L

RT: 4.075 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

Instrument :

MSVOA_W

ClientSampleId :

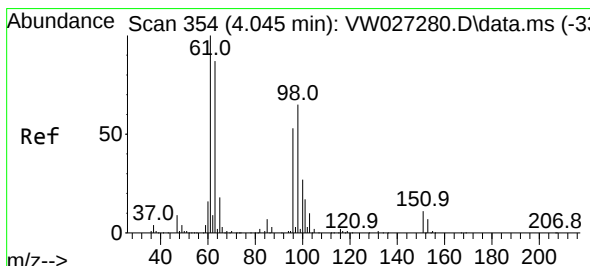
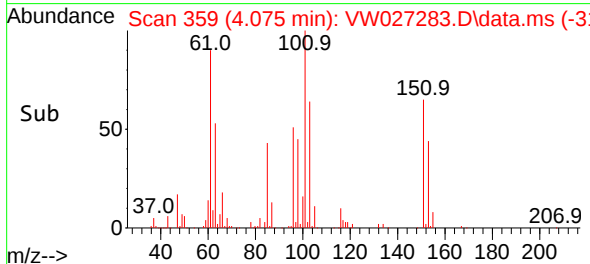
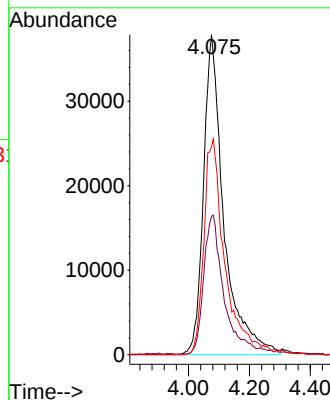
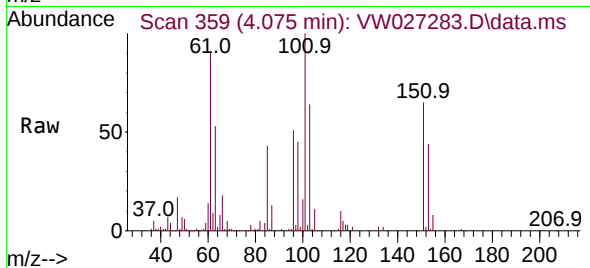
Tgt Ion:101 Resp: 175848

Ion Ratio Lower Upper

101 100

85 40.3 34.1 51.1

151 0.0 49.5 74.3#



#12

1,1-Dichloroethene

Concen: 25.978 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

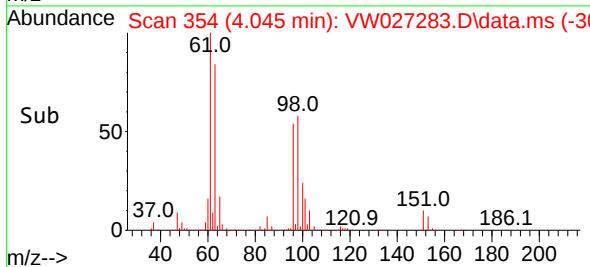
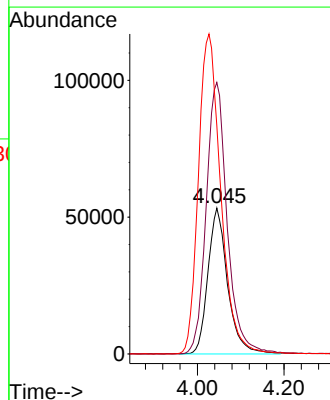
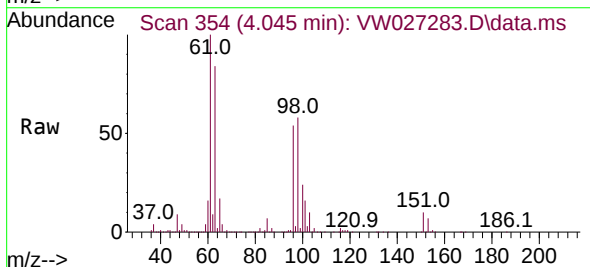
Tgt Ion: 96 Resp: 168611

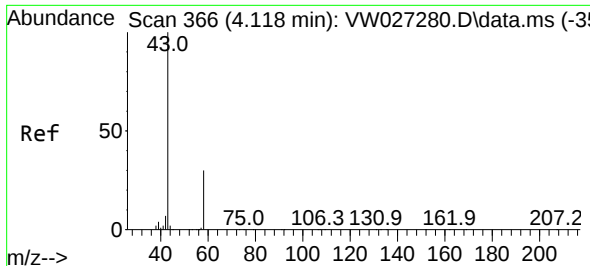
Ion Ratio Lower Upper

96 100

61 186.2 133.3 247.5

63 156.5 115.8 215.2





#13

Acetone

Concen: 65.834 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

Instrument :

MSVOA_W

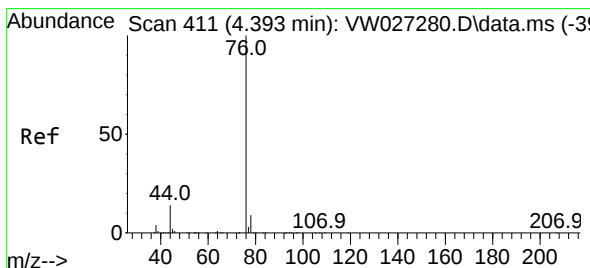
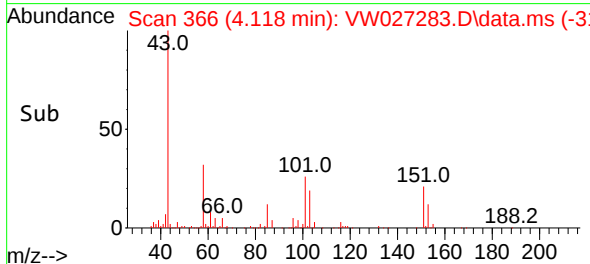
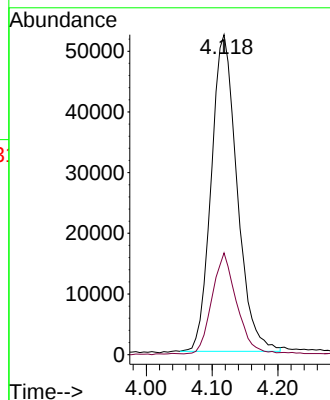
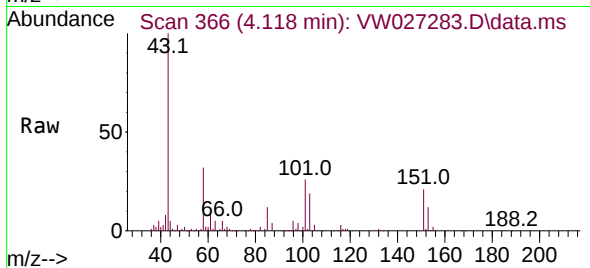
ClientSampleId :

Tgt Ion: 43 Resp: 142767

Ion Ratio Lower Upper

43 100

58 29.9 0.0 60.8



#14

Carbon disulfide

Concen: 24.720 ug/L

RT: 4.386 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW027283.D

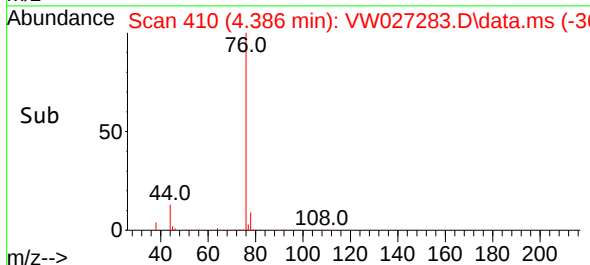
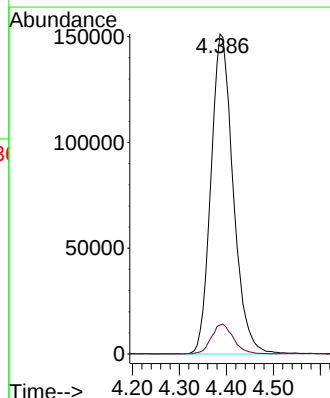
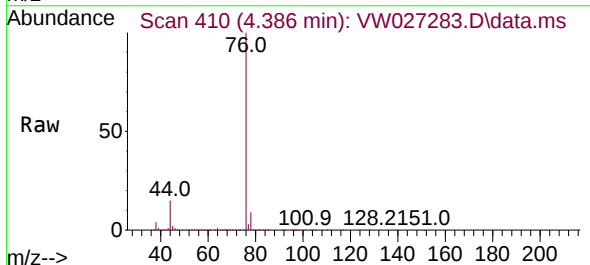
Acq: 11 Oct 2023 13:00

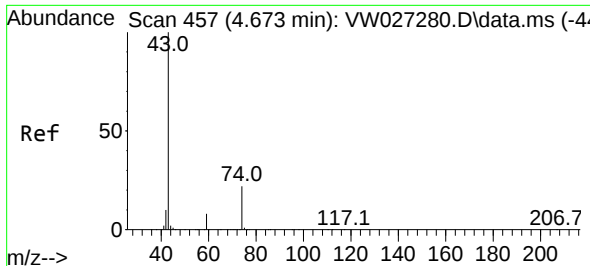
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Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

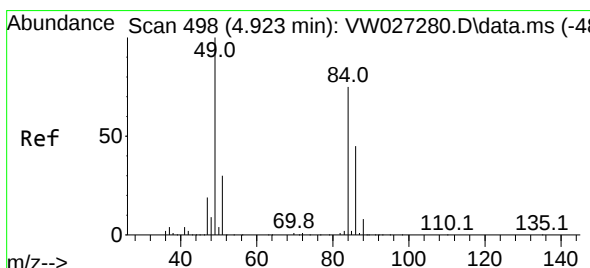
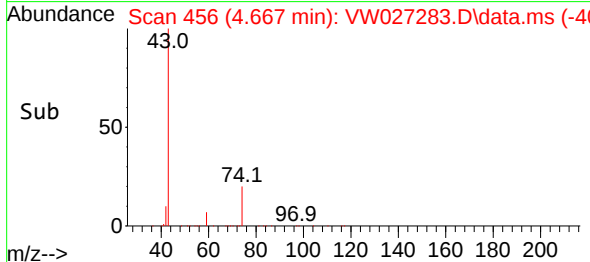
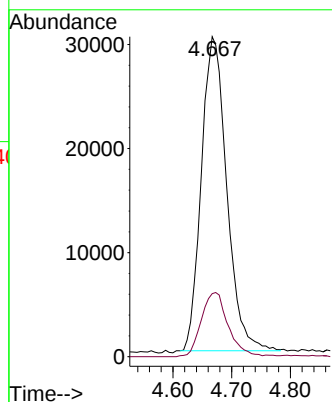
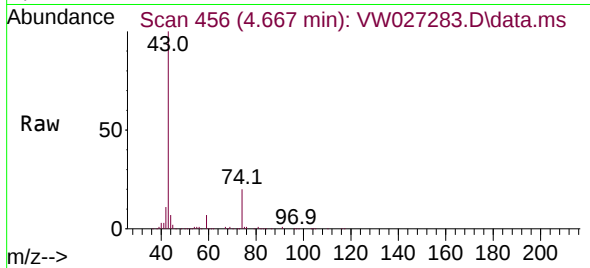




#15
Methyl Acetate
Concen: 24.521 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

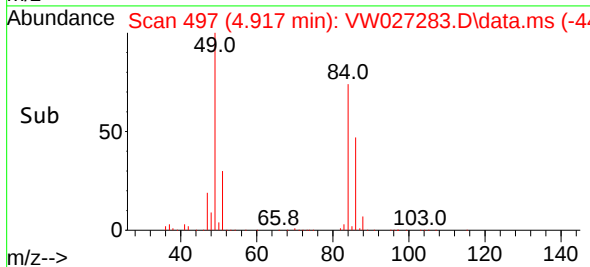
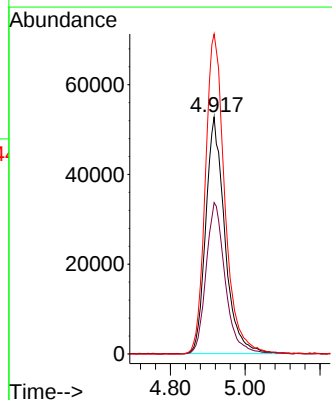
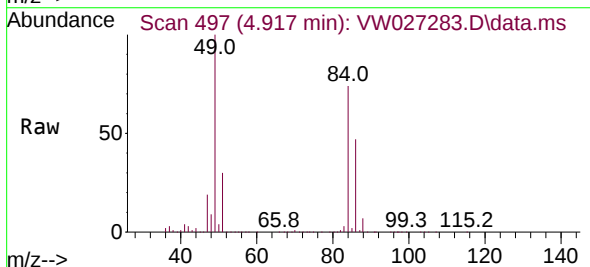
Instrument :
MSVOA_W
ClientSampleId :

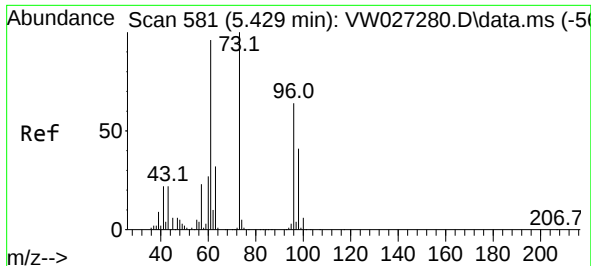
Tgt Ion: 43 Resp: 90823
Ion Ratio Lower Upper
43 100
74 21.4 17.5 26.3



#16
Methylene chloride
Concen: 20.604 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

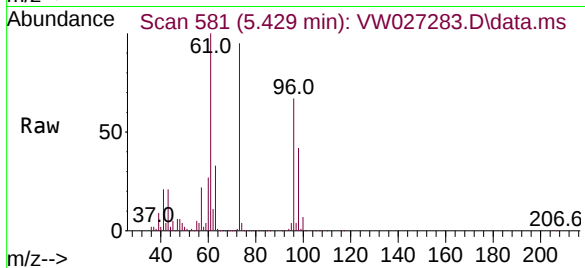
Tgt Ion: 84 Resp: 186680
Ion Ratio Lower Upper
84 100
86 63.9 41.3 76.7
49 135.0 92.8 172.4





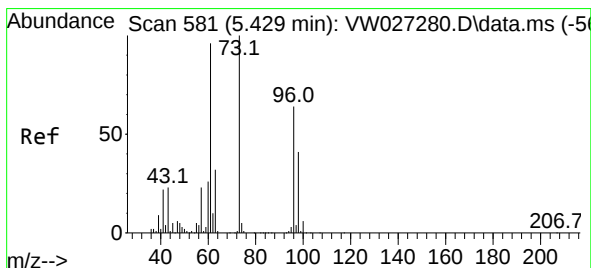
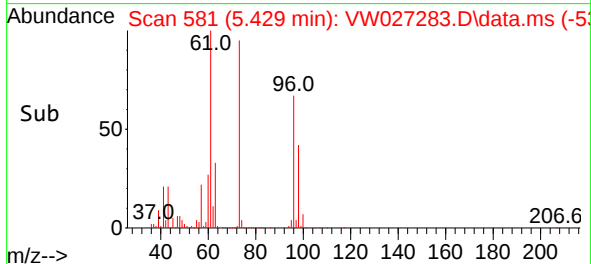
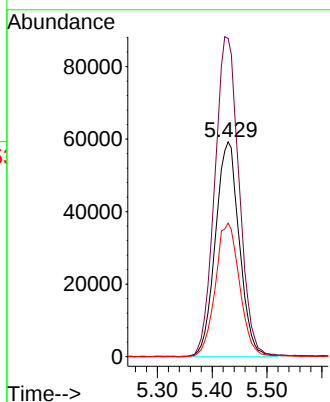
#17
 trans-1,2-Dichloroethene
 Concen: 25.773 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. -0.000 min
 Lab File: VW027283.D
 Acq: 11 Oct 2023 13:00

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 179781

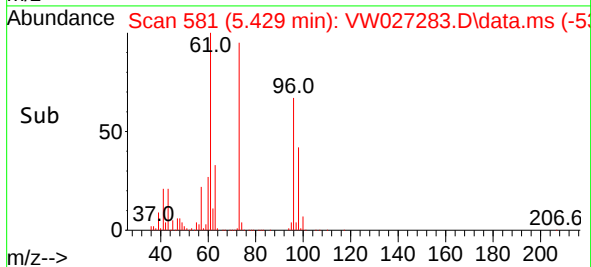
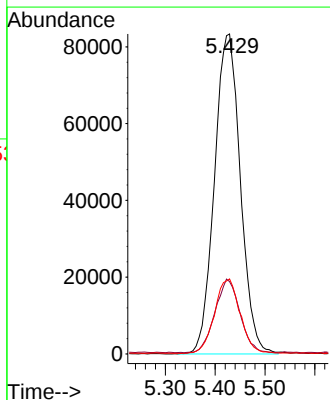
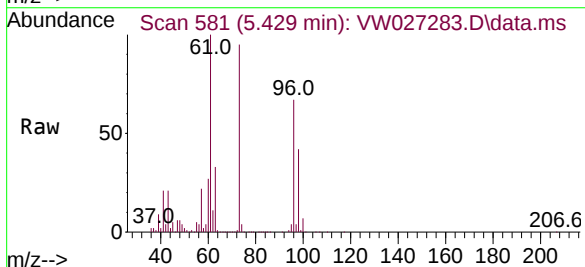
Ion	Ratio	Lower	Upper
96	100		
61	148.2	105.6	196.0
98	62.2	45.0	83.6

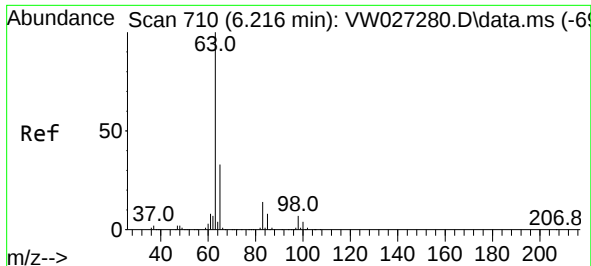


#18
 Methyl tert-butyl Ether
 Concen: 25.015 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. -0.000 min
 Lab File: VW027283.D
 Acq: 11 Oct 2023 13:00

Tgt Ion: 73 Resp: 301047

Ion	Ratio	Lower	Upper
73	100		
43	22.1	17.7	26.5
57	22.8	18.5	27.7

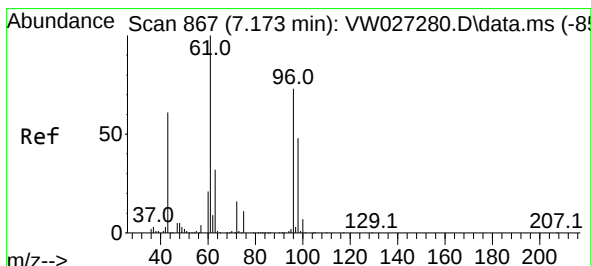
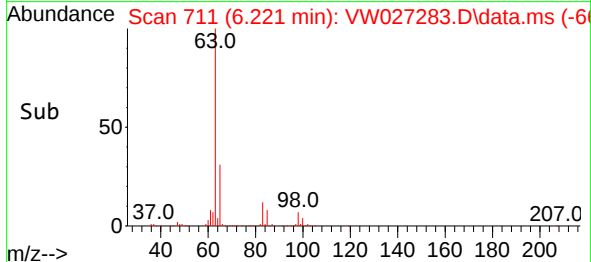
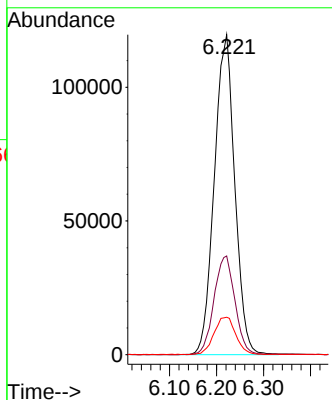
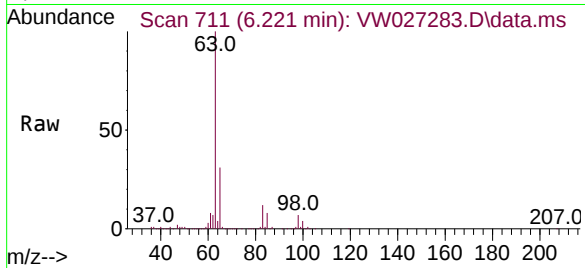




#19
1,1-Dichloroethane
Concen: 25.430 ug/L
RT: 6.221 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

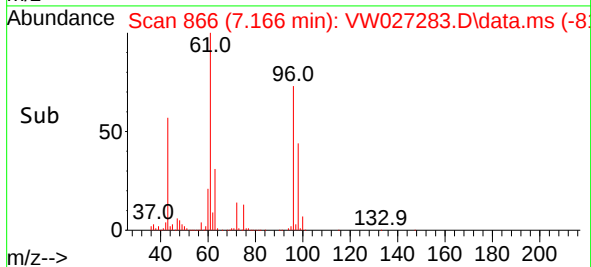
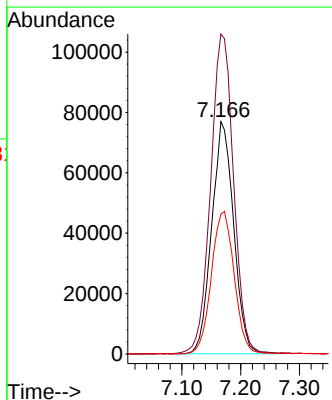
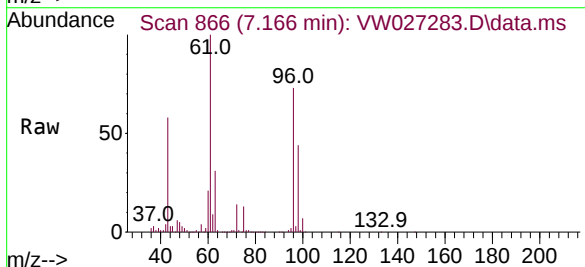
Instrument :
MSVOA_W
ClientSampleId :

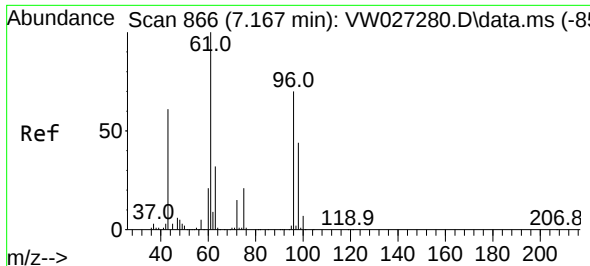
Tgt Ion: 63 Resp: 361916
Ion Ratio Lower Upper
63 100
65 30.8 22.9 42.5
83 11.7 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 25.391 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

Tgt Ion: 96 Resp: 200015
Ion Ratio Lower Upper
96 100
61 137.7 96.2 178.8
98 60.2 46.0 85.4

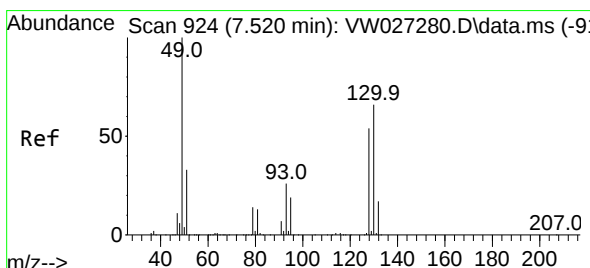
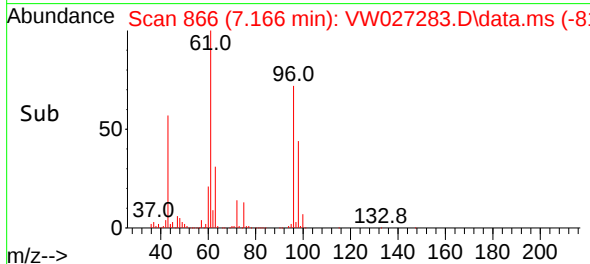
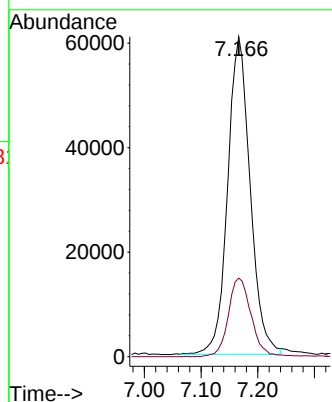
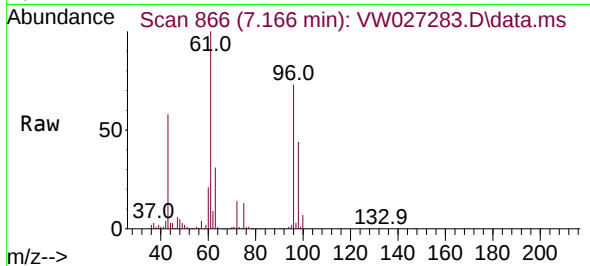




#22
2-Butanone
Concen: 51.577 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

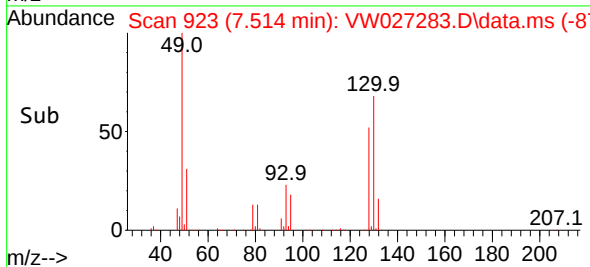
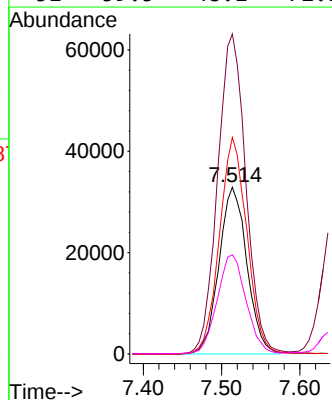
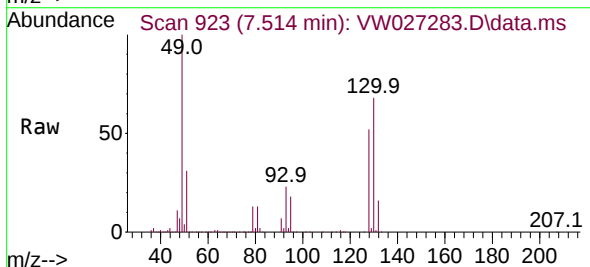
Instrument :
MSVOA_W
ClientSampleId :

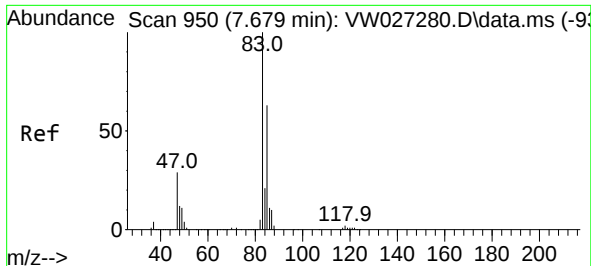
Tgt Ion: 43 Resp: 167414
Ion Ratio Lower Upper
43 100
72 25.0 12.3 36.8



#23
Bromochloromethane
Concen: 25.053 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

Tgt Ion: 128 Resp: 81479
Ion Ratio Lower Upper
128 100
49 192.0 128.9 239.5
130 129.9 85.0 157.8
51 59.5 48.1 72.1

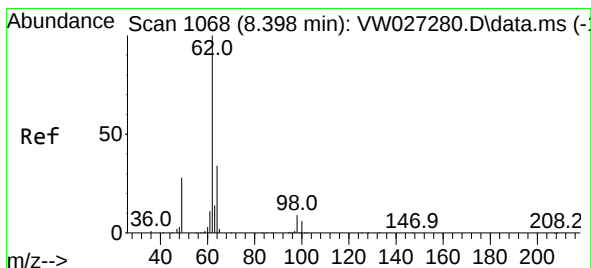
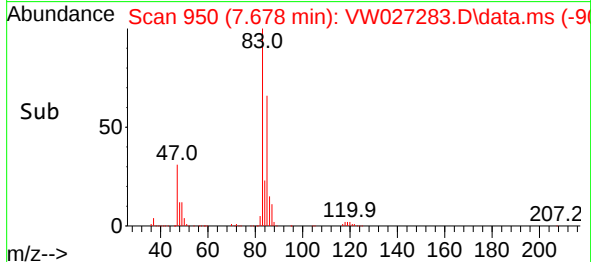
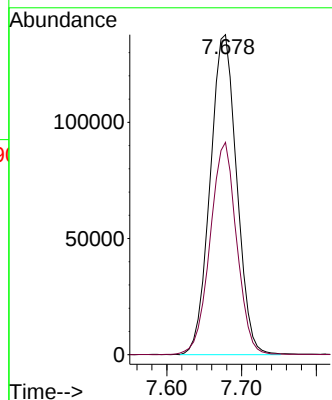
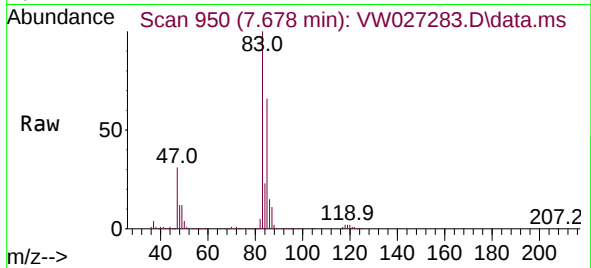




#25
Chloroform
Concen: 25.570 ug/L
RT: 7.678 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

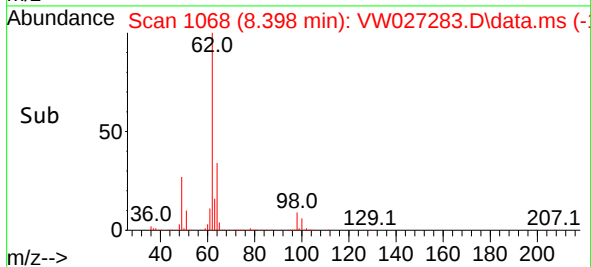
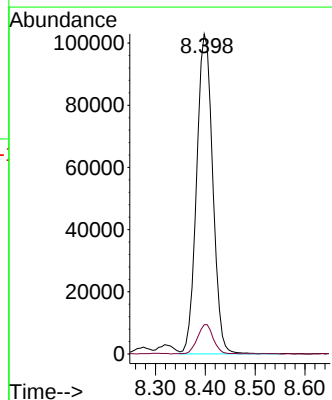
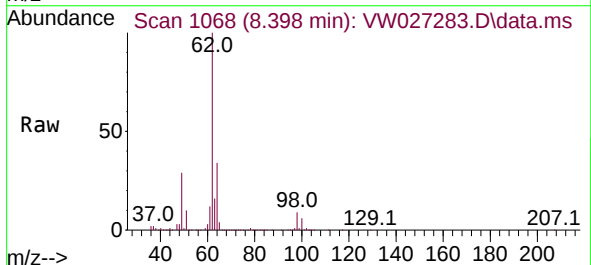
Instrument :
MSVOA_W
ClientSampleId :

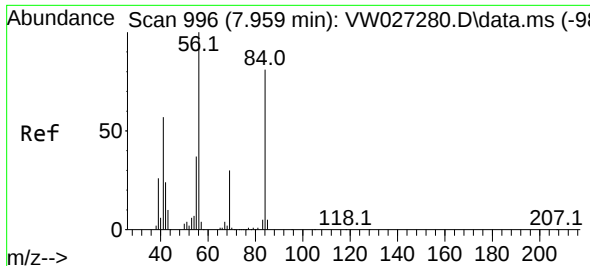
Tgt Ion: 83 Resp: 340588
Ion Ratio Lower Upper
83 100
85 66.3 44.1 81.9



#27
1,2-Dichloroethane
Concen: 25.549 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

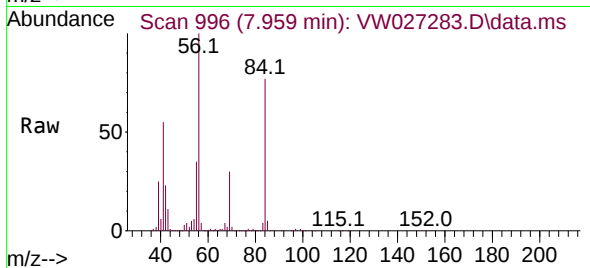
Tgt Ion: 62 Resp: 231167
Ion Ratio Lower Upper
62 100
98 9.2 7.5 11.3



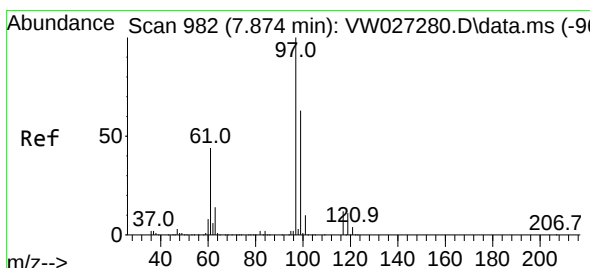
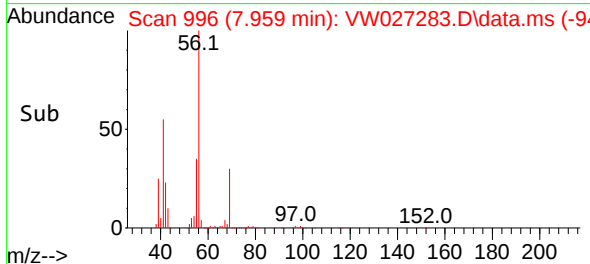
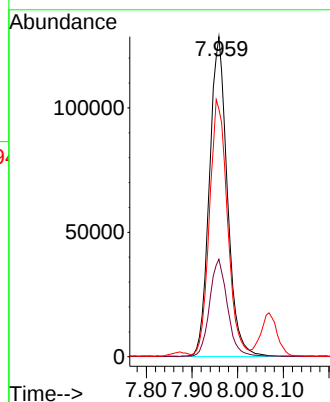


#29
Cyclohexane
Concen: 25.370 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

Instrument :
MSVOA_W
ClientSampleId :

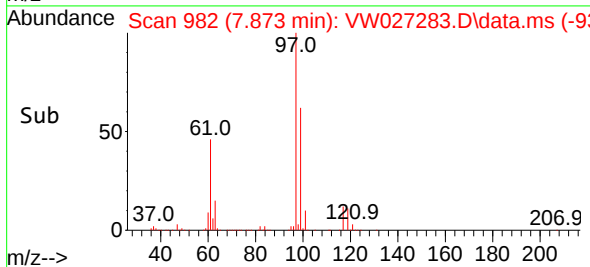
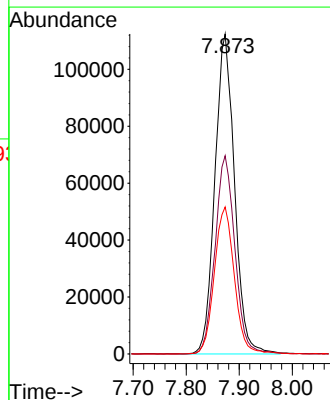
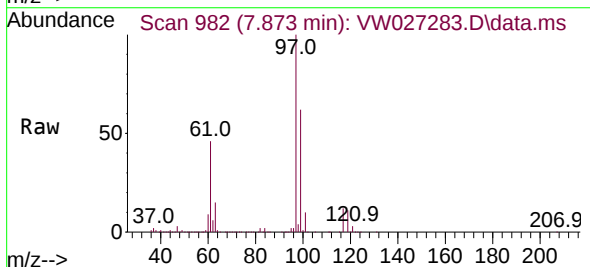


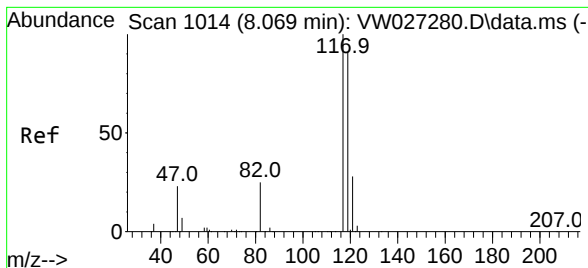
Tgt Ion: 56 Resp: 349470
Ion Ratio Lower Upper
56 100
69 30.1 24.2 36.4
84 80.8 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 26.084 ug/L
RT: 7.873 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

Tgt Ion: 97 Resp: 288672
Ion Ratio Lower Upper
97 100
99 62.9 51.4 77.0
61 46.6 37.4 56.0





#31

Carbon tetrachloride

Concen: 25.907 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

Instrument :

MSVOA_W

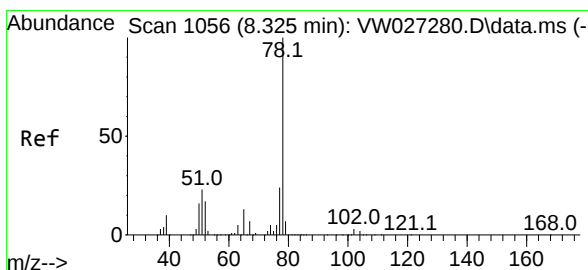
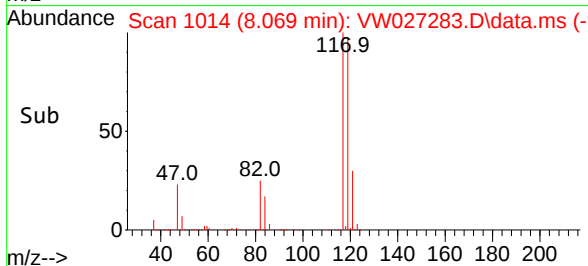
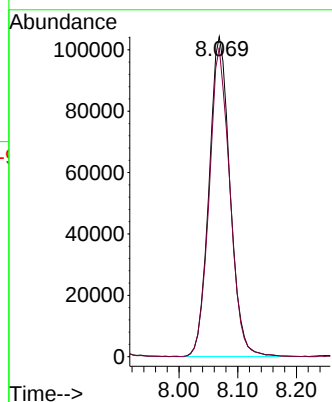
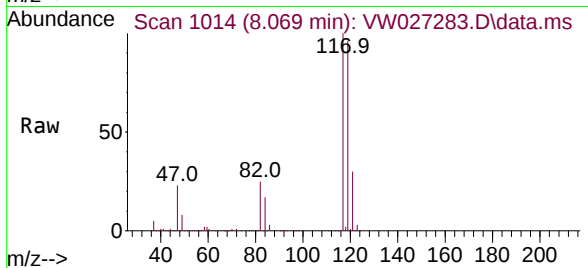
ClientSampleId :

Tgt Ion:117 Resp: 258523

Ion Ratio Lower Upper

117 100

119 95.2 77.1 115.7



#33

Benzene

Concen: 25.629 ug/L

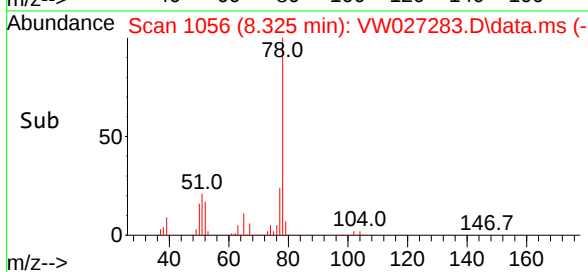
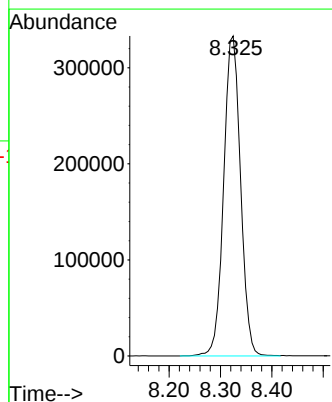
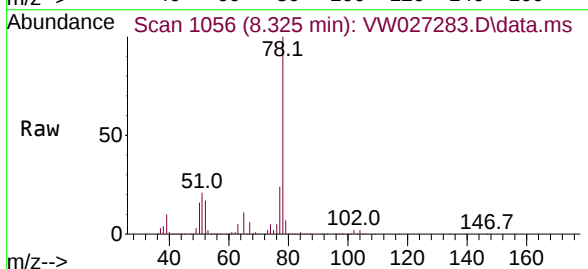
RT: 8.325 min Scan# 1056

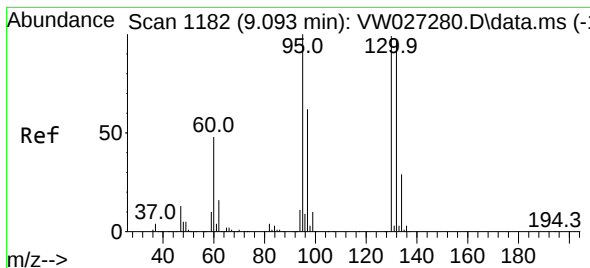
Delta R.T. -0.000 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

Tgt Ion: 78 Resp: 759902





#34

Trichloroethene

Concen: 25.589 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

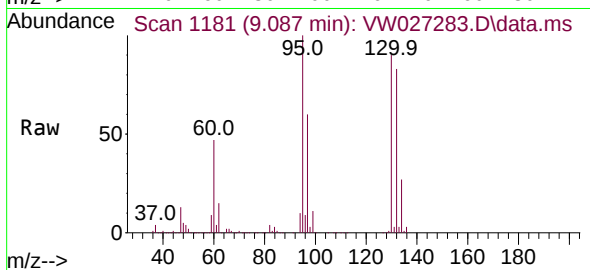
Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 200411

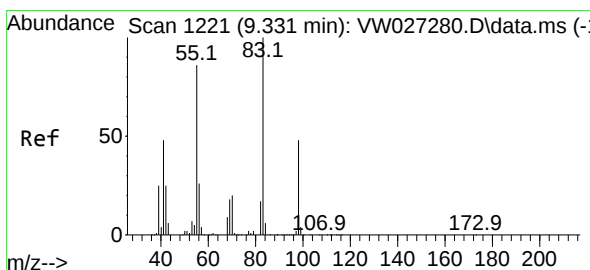
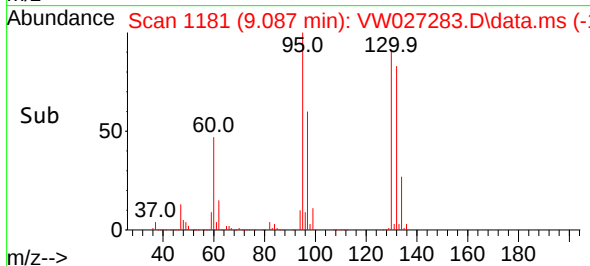
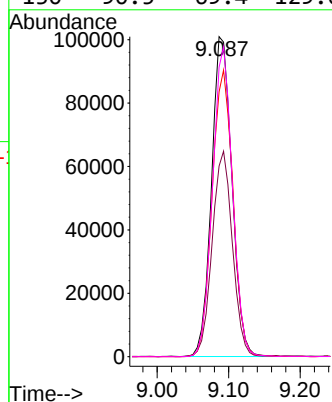
Ion Ratio Lower Upper

95 100

97 59.6 43.4 80.6

132 82.8 67.6 125.6

130 90.5 69.4 129.0



#35

Methylcyclohexane

Concen: 25.606 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

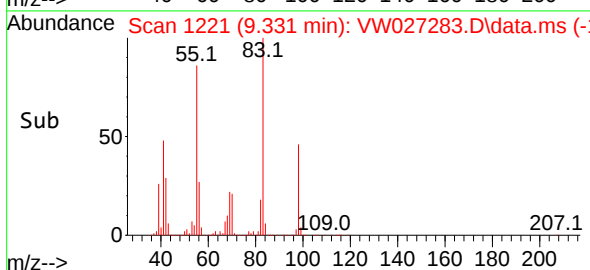
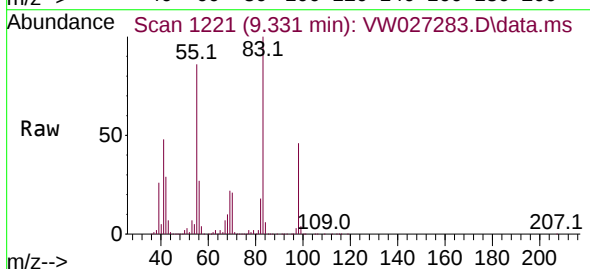
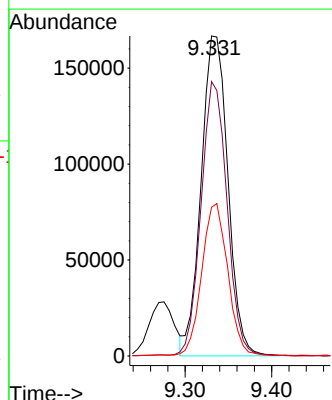
Tgt Ion: 83 Resp: 358628

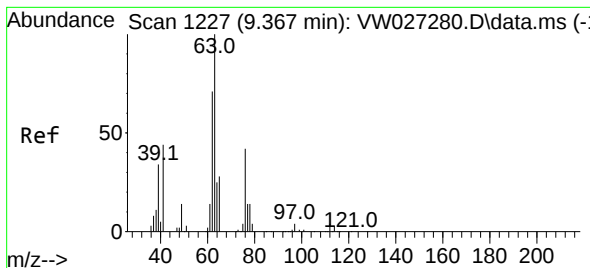
Ion Ratio Lower Upper

83 100

55 82.9 65.8 98.8

98 46.4 38.1 57.1





#37

1,2-Dichloropropane

Concen: 25.466 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

Instrument :

MSVOA_W

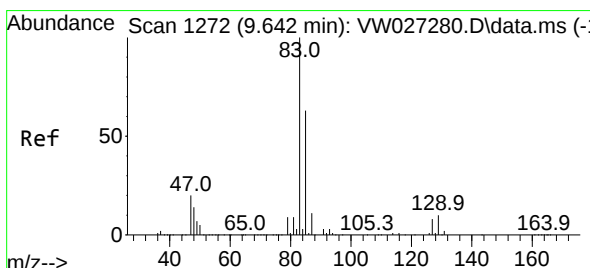
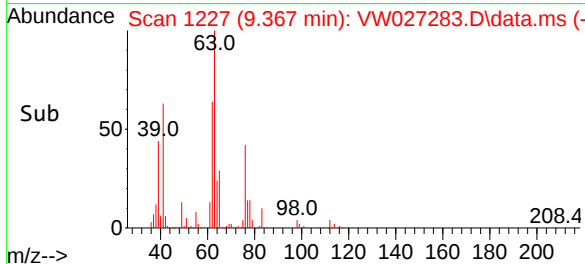
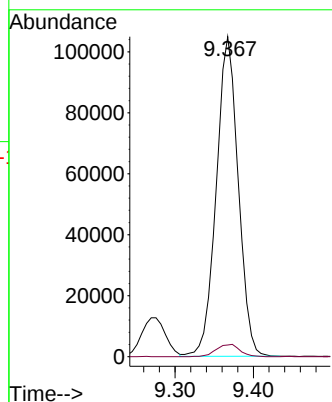
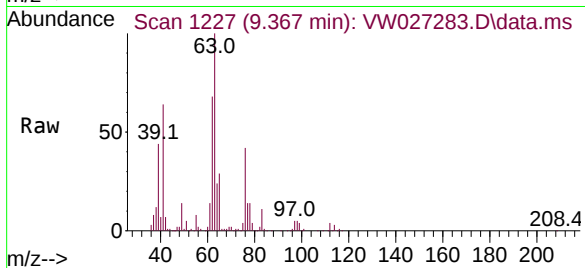
ClientSampleId :

Tgt Ion: 63 Resp: 204162

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 25.242 ug/L

RT: 9.641 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

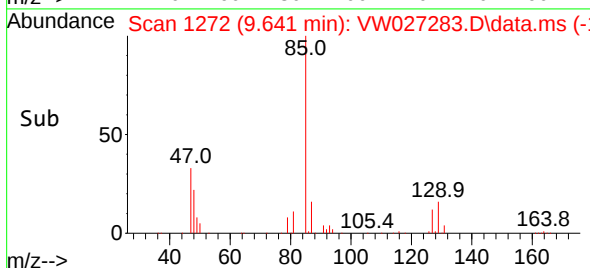
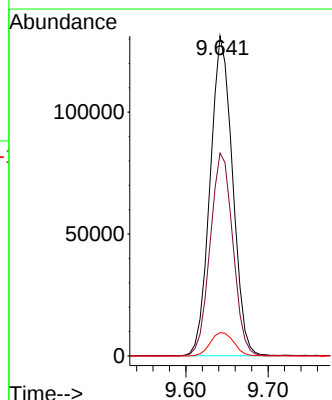
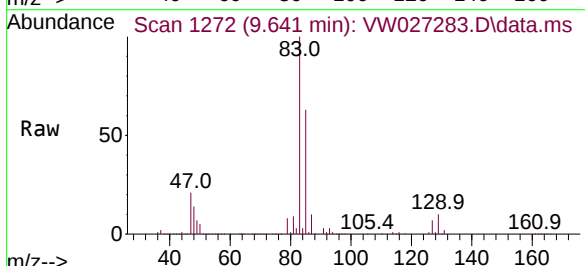
Tgt Ion: 83 Resp: 248831

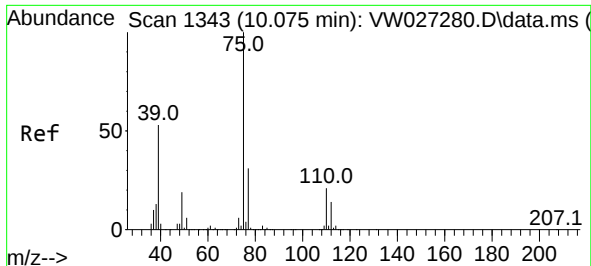
Ion Ratio Lower Upper

83 100

85 63.4 43.9 81.5

127 7.3 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.615 ug/L

RT: 10.068 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

Instrument :

MSVOA_W

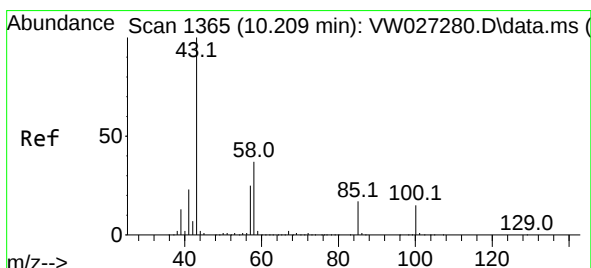
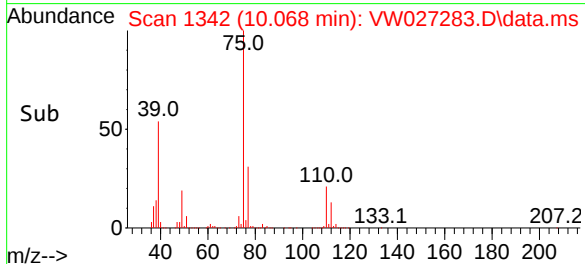
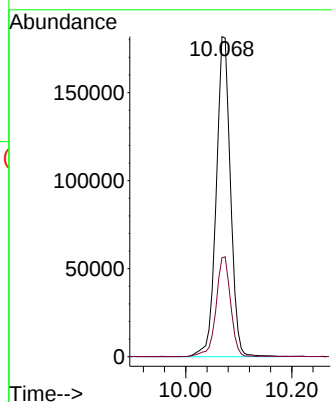
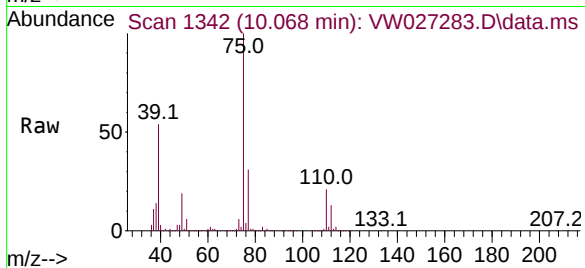
ClientSampleId :

Tgt Ion: 75 Resp: 339221

Ion Ratio Lower Upper

75 100

77 30.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 51.166 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

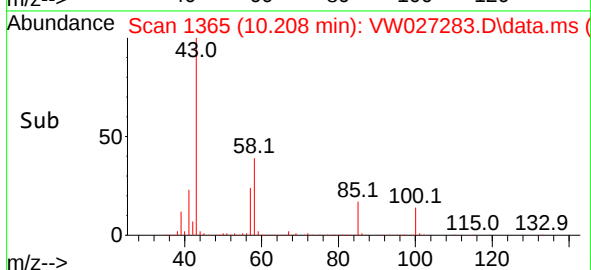
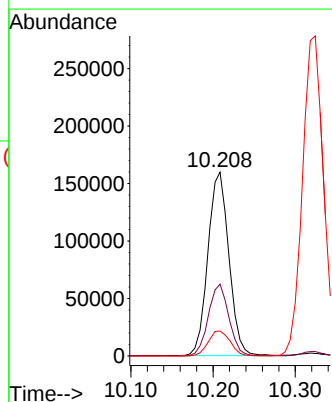
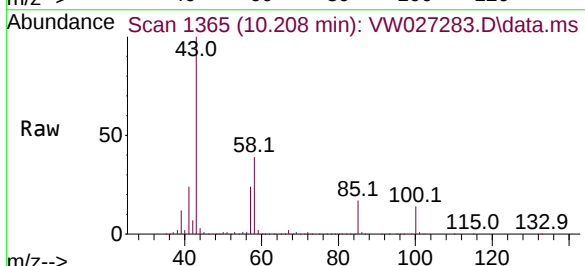
Tgt Ion: 43 Resp: 282101

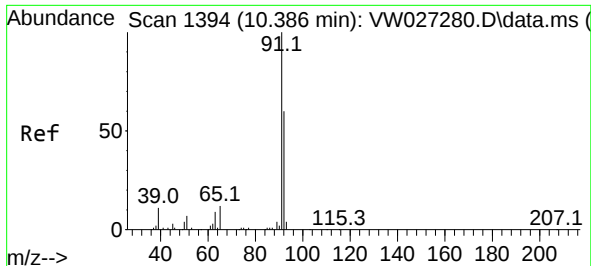
Ion Ratio Lower Upper

43 100

58 38.4 30.5 45.7

100 14.4 11.5 17.3

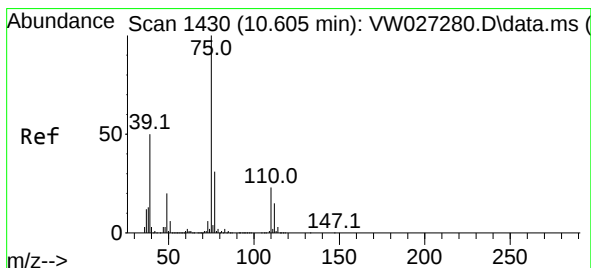
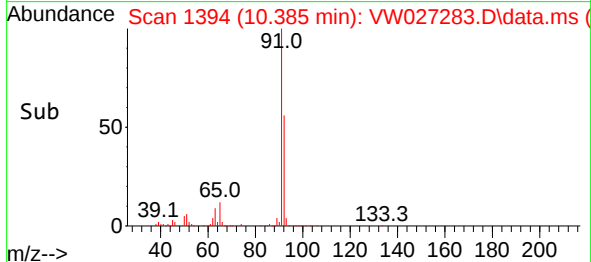
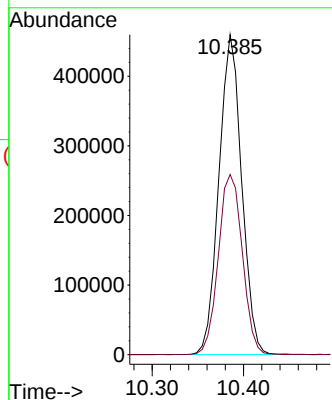
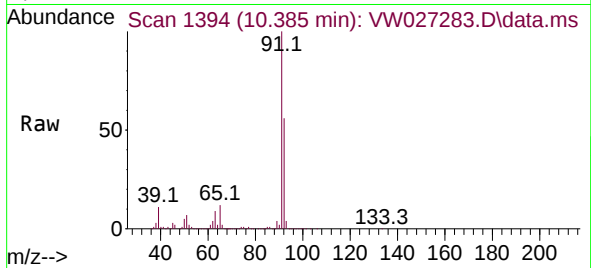




#42
Toluene
Concen: 25.592 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

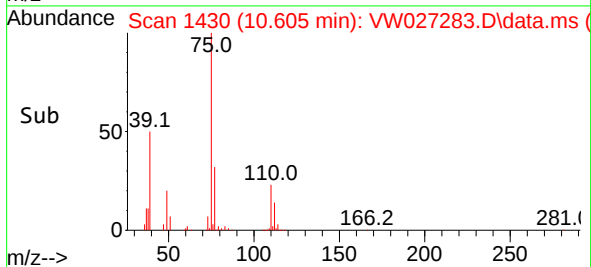
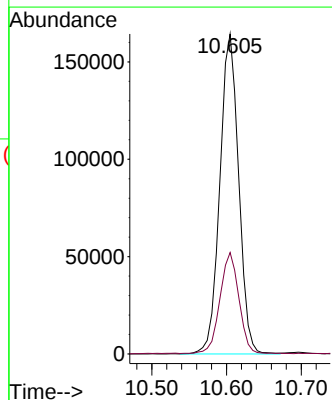
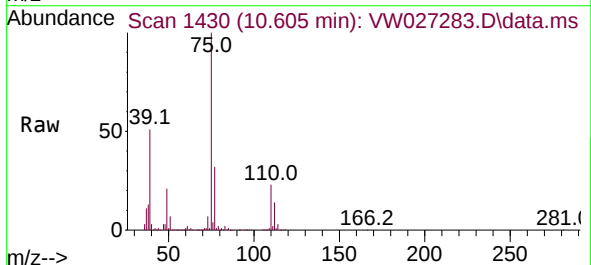
Instrument :
MSVOA_W
ClientSampleId :

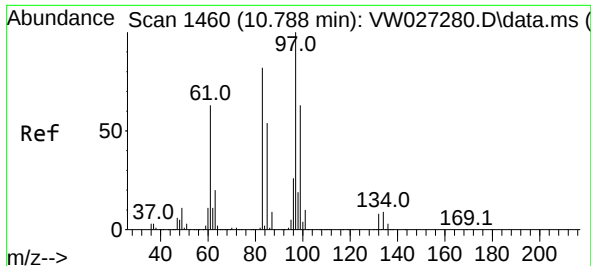
Tgt Ion: 91 Resp: 796018
Ion Ratio Lower Upper
91 100
92 56.3 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 25.714 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

Tgt Ion: 75 Resp: 287336
Ion Ratio Lower Upper
75 100
77 31.7 22.0 41.0

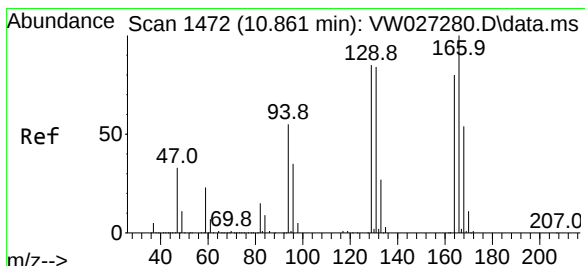
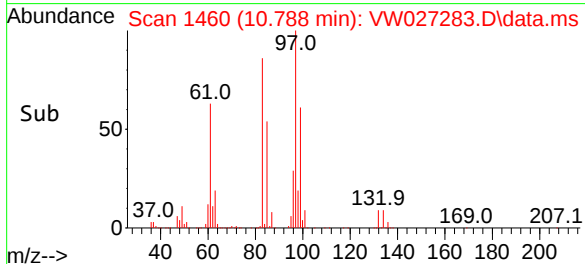
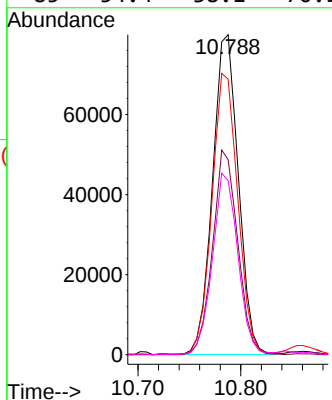
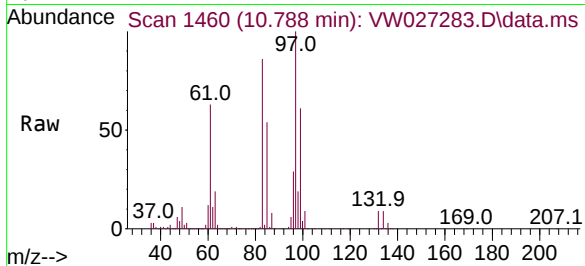




#45
1,1,2-Trichloroethane
Concen: 25.252 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

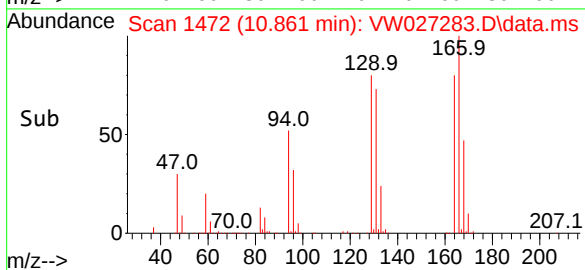
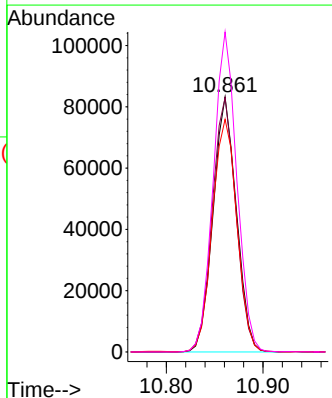
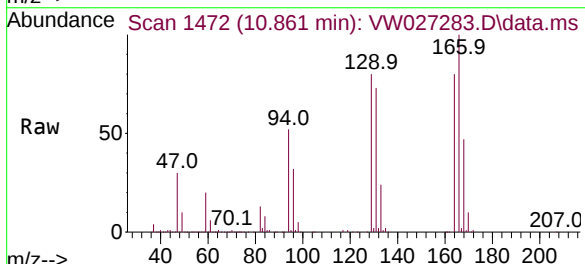
Instrument :
MSVOA_W
ClientSampleId :

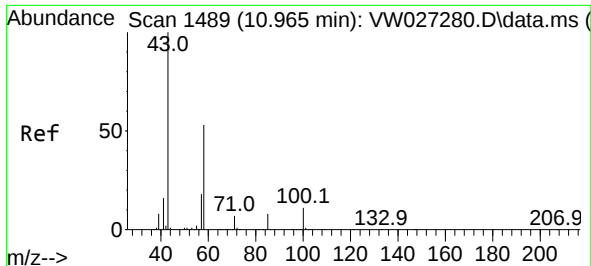
Tgt Ion:	97	Resp:	139309
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.8	81.4
83	86.1	57.5	106.7
85	54.4	38.1	70.9



#46
Tetrachloroethene
Concen: 25.746 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

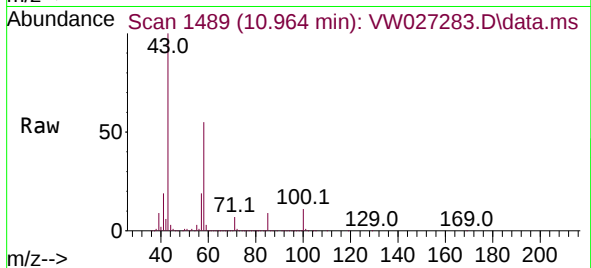
Tgt Ion:	164	Resp:	139233
Ion	Ratio	Lower	Upper
164	100		
129	99.8	74.7	138.7
131	91.2	73.2	136.0
166	125.5	87.3	162.1



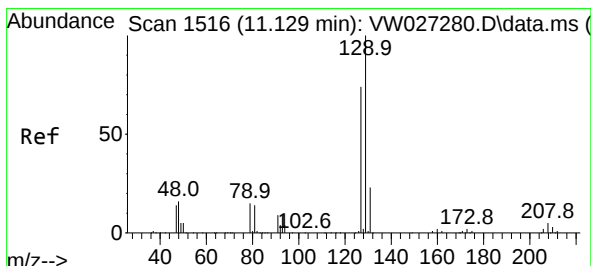
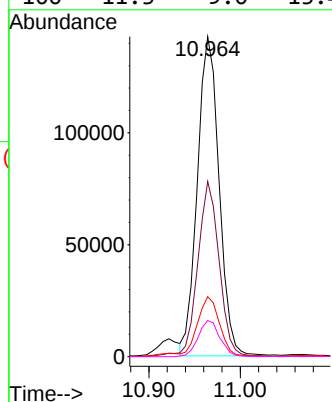
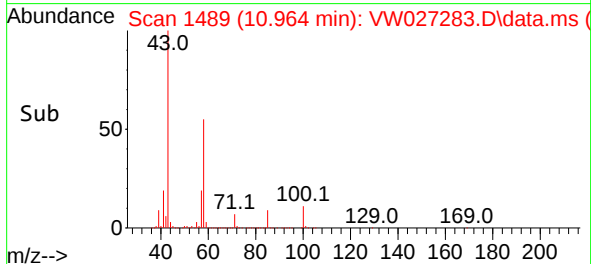


#48
2-Hexanone
Concen: 57.944 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

Instrument :
MSVOA_W
ClientSampleId :

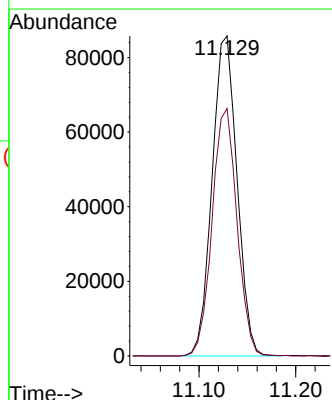
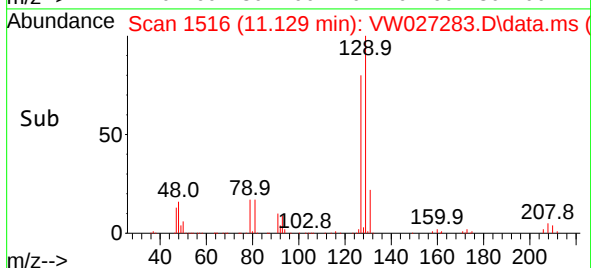
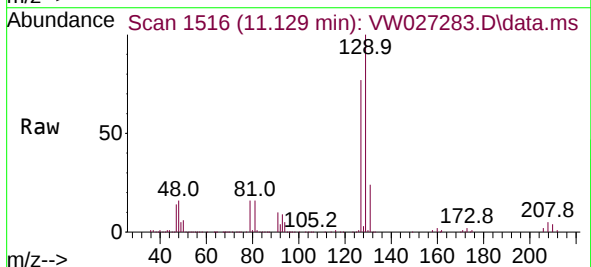


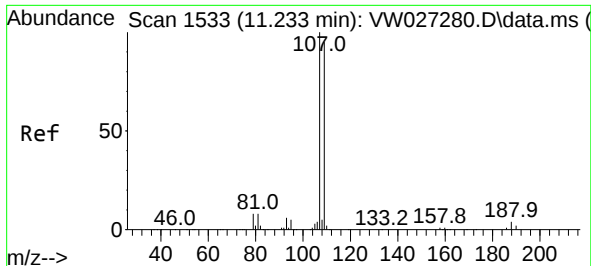
Tgt Ion: 43 Resp: 236452
Ion Ratio Lower Upper
43 100
58 53.4 42.2 63.4
57 18.8 15.1 22.7
100 11.3 9.0 13.4



#49
Dibromochloromethane
Concen: 25.094 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

Tgt Ion: 129 Resp: 153744
Ion Ratio Lower Upper
129 100
127 77.3 51.7 95.9





#50

1,2-Dibromoethane

Concen: 24.882 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

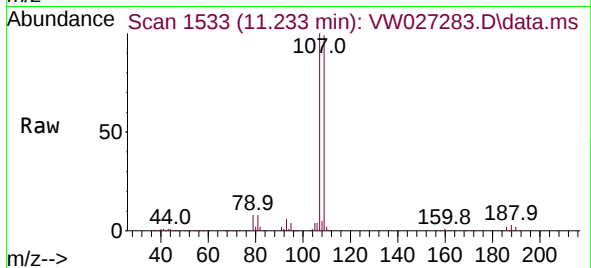
Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

Instrument :

MSVOA_W

ClientSampleId :



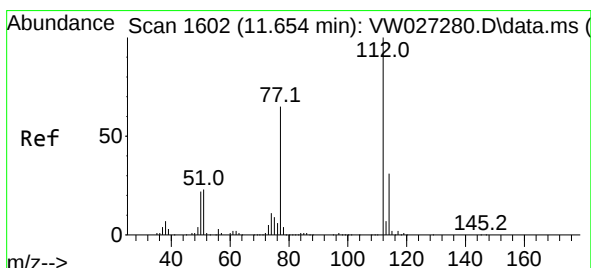
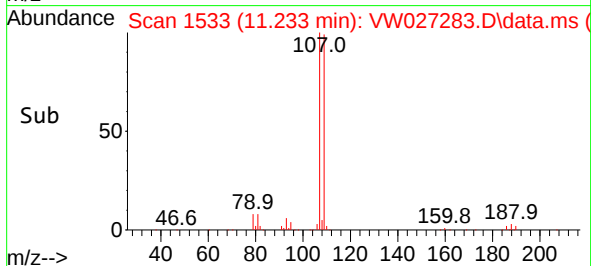
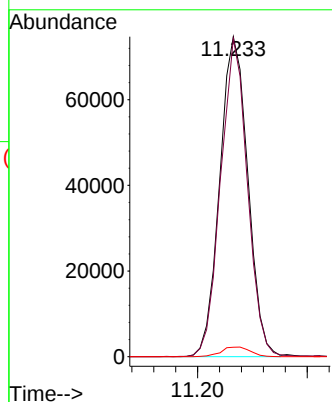
Tgt Ion:107 Resp: 133086

Ion Ratio Lower Upper

107 100

109 99.4 66.3 123.1

188 3.0 3.0 4.4



#51

Chlorobenzene

Concen: 25.481 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

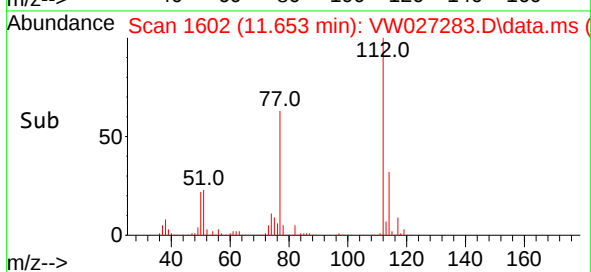
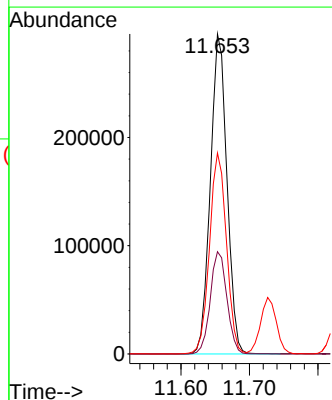
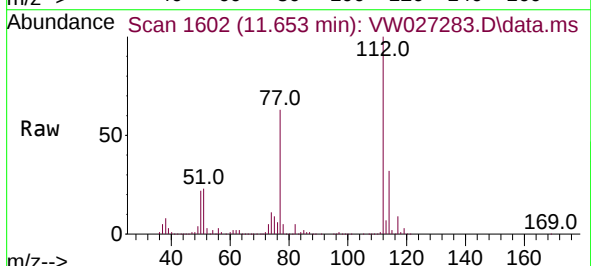
Tgt Ion:112 Resp: 496312

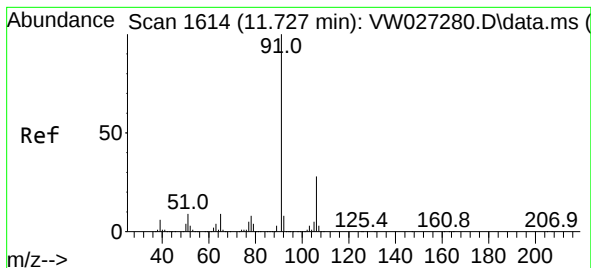
Ion Ratio Lower Upper

112 100

114 31.9 21.8 40.6

77 62.8 52.2 78.4

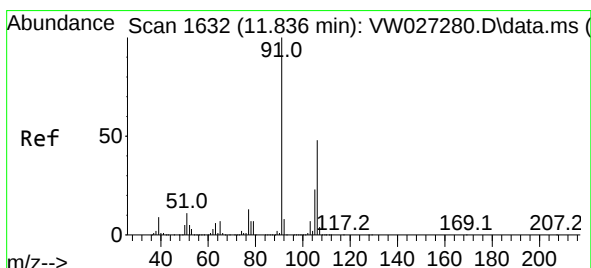
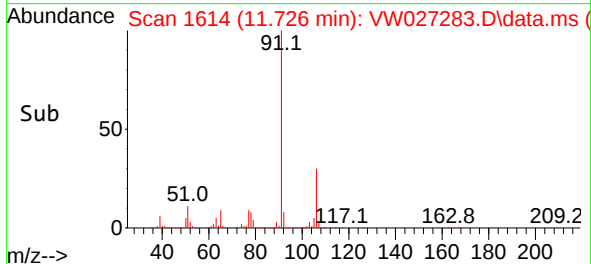
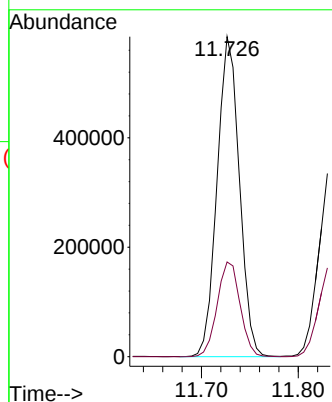
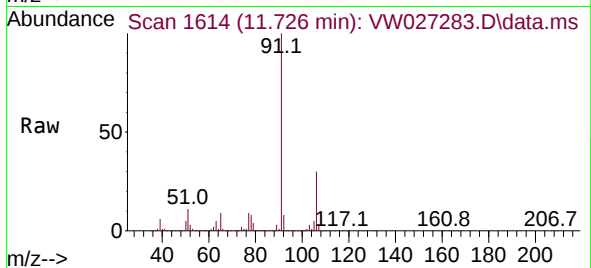




#52
Ethylbenzene
Concen: 25.837 ug/L
RT: 11.726 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

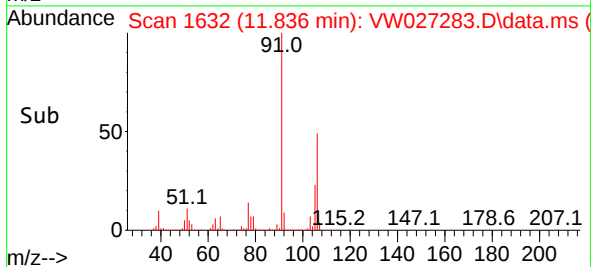
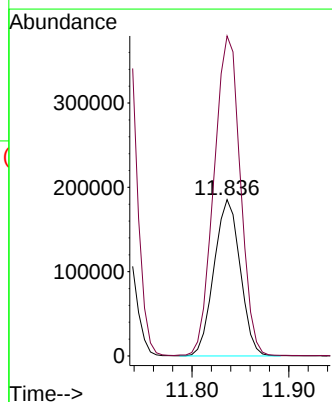
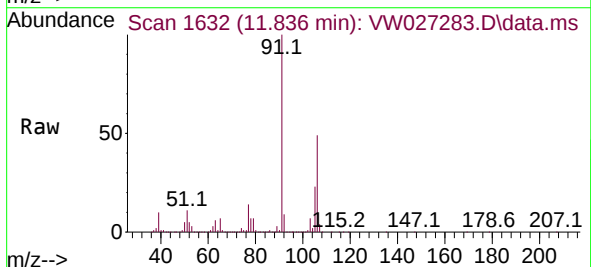
Instrument :
MSVOA_W
ClientSampleId :

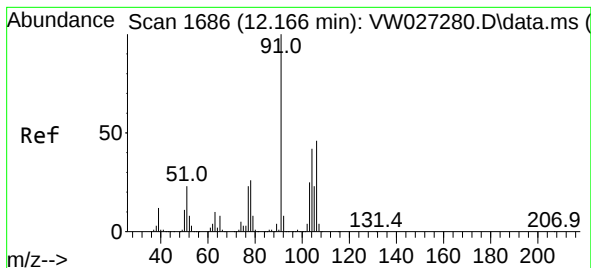
Tgt Ion: 91 Resp: 933853
Ion Ratio Lower Upper
91 100
106 29.6 19.8 36.8



#53
m,p-Xylene
Concen: 25.439 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

Tgt Ion:106 Resp: 348744
Ion Ratio Lower Upper
106 100
91 204.7 144.5 268.4





#54

o-Xylene

Concen: 25.145 ug/L

RT: 12.159 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

Instrument :

MSVOA_W

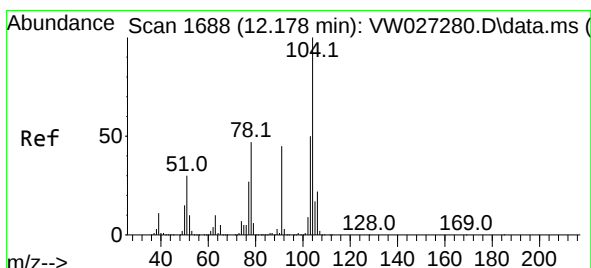
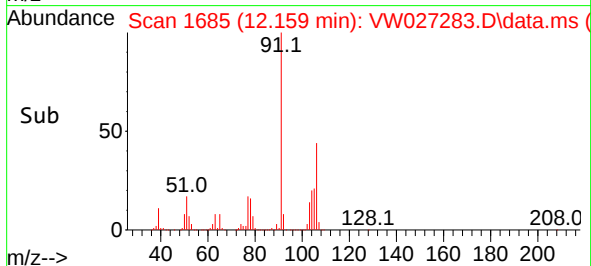
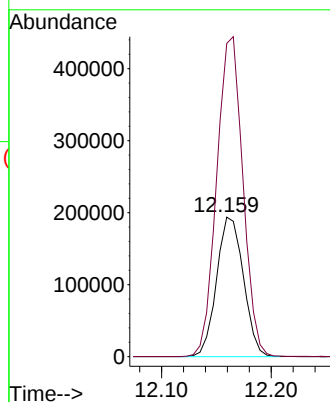
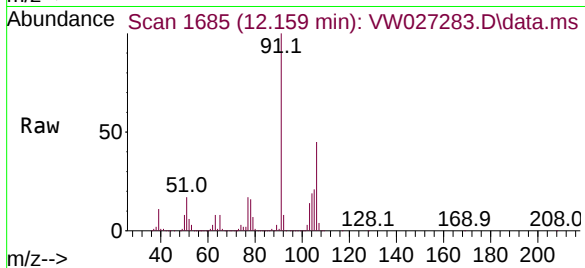
ClientSampleId :

Tgt Ion:106 Resp: 330111

Ion Ratio Lower Upper

106 100

91 224.6 152.0 282.2



#55

Styrene

Concen: 25.369 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027283.D

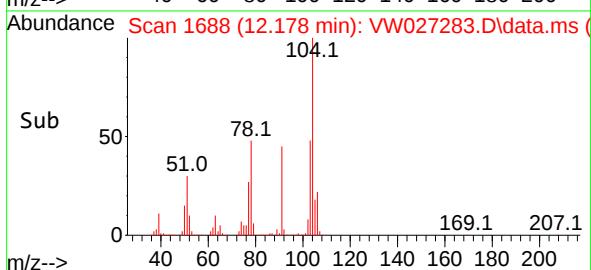
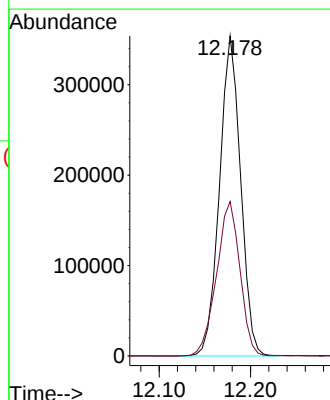
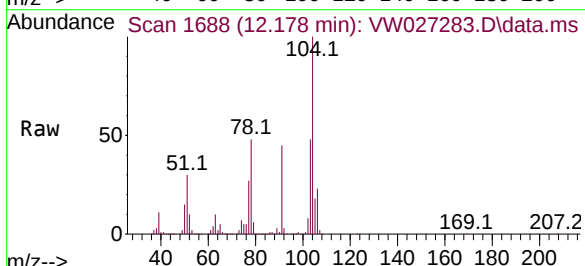
Acq: 11 Oct 2023 13:00

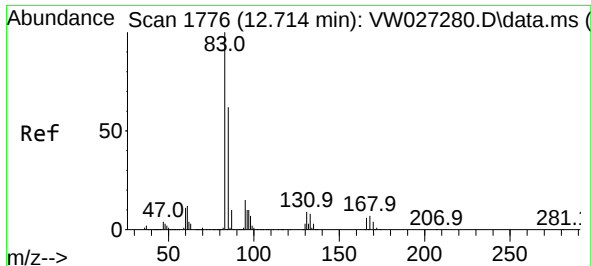
Tgt Ion:104 Resp: 568800

Ion Ratio Lower Upper

104 100

78 48.2 33.2 61.6





#57

1,1,2-Tetrachloroethane

Concen: 25.128 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

Instrument :

MSVOA_W

ClientSampleId :

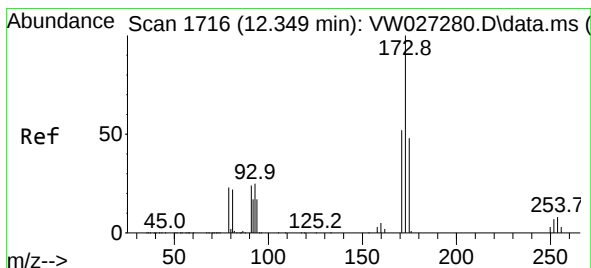
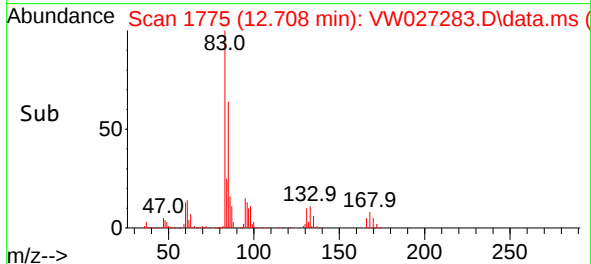
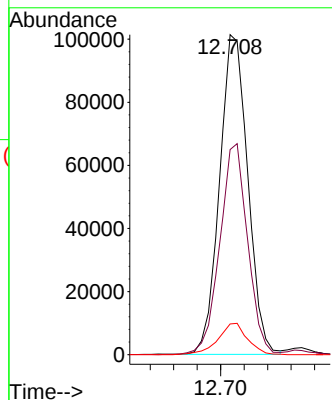
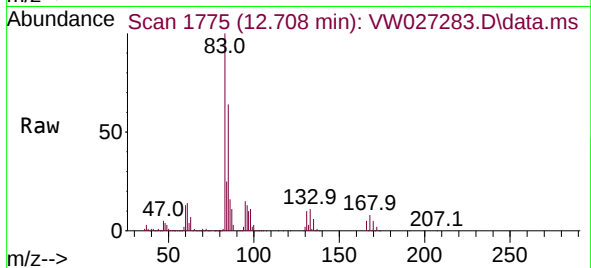
Tgt Ion: 83 Resp: 169230

Ion Ratio Lower Upper

83 100

85 64.1 43.2 80.2

131 9.6 7.2 10.8



#59

Bromoform

Concen: 25.328 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

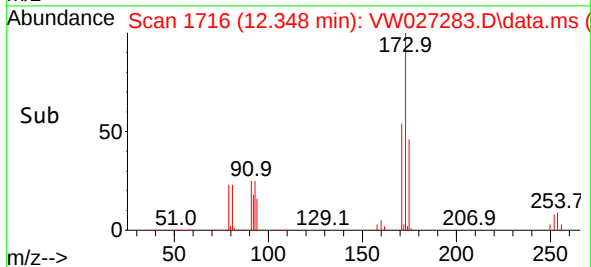
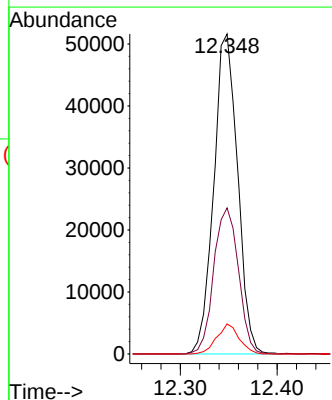
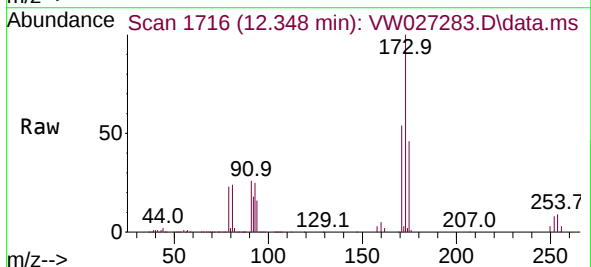
Tgt Ion: 173 Resp: 88309

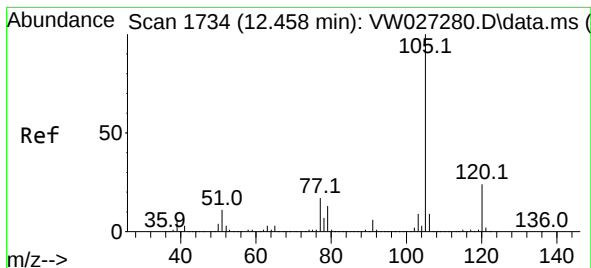
Ion Ratio Lower Upper

173 100

175 47.2 39.6 59.4

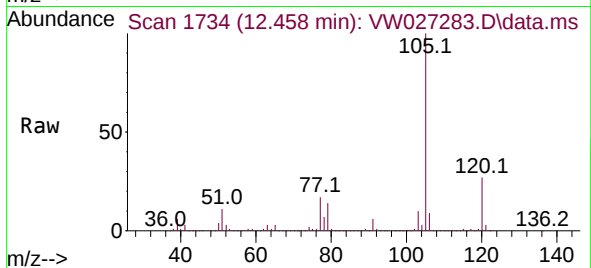
254 8.8 6.6 10.0



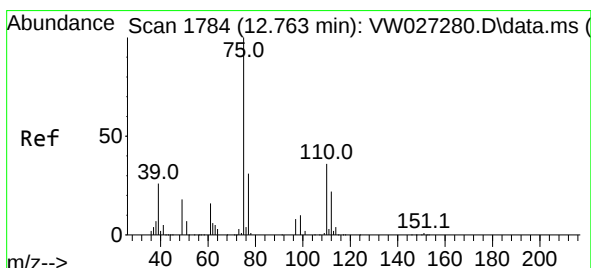
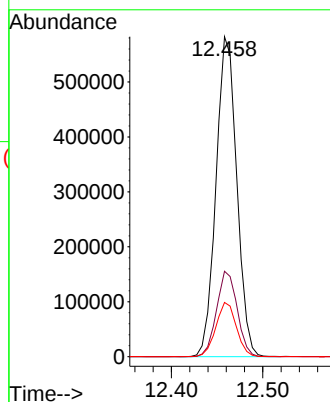
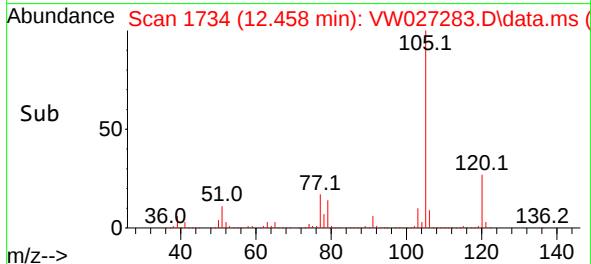


#60
Isopropylbenzene
Concen: 24.984 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

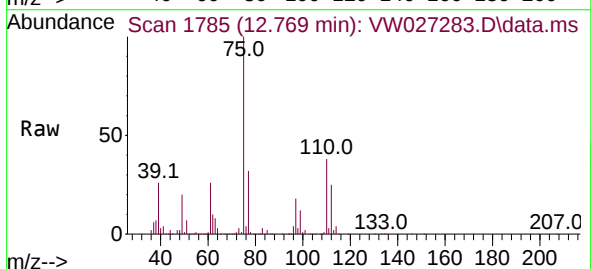
Instrument :
MSVOA_W
ClientSampleId :



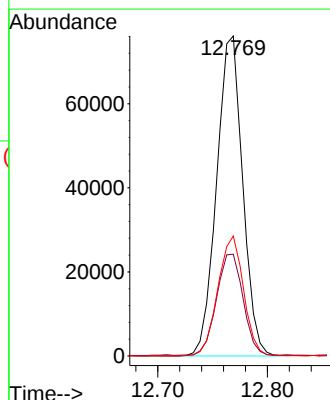
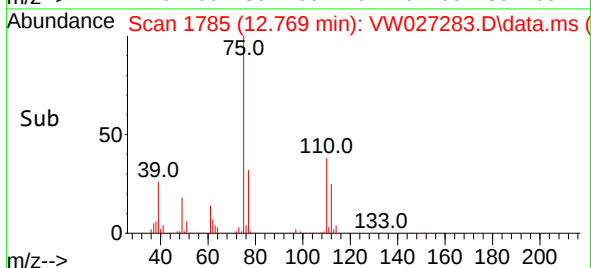
Tgt Ion:105 Resp: 919658
Ion Ratio Lower Upper
105 100
120 26.4 20.1 30.1
77 16.7 12.9 19.3

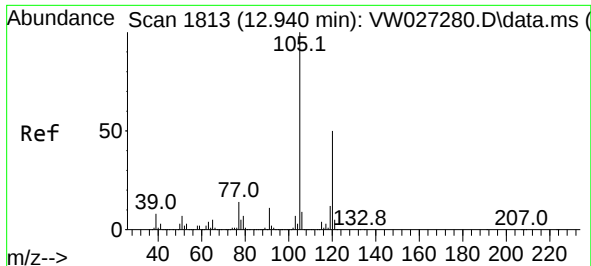


#61
1,2,3-Trichloropropane
Concen: 24.570 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00



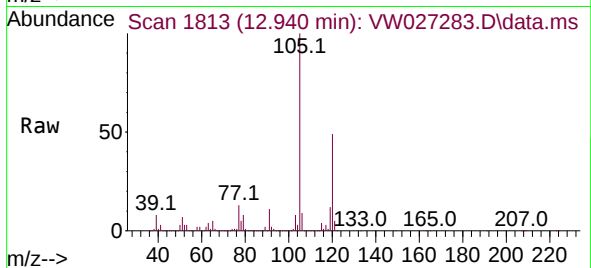
Tgt Ion: 75 Resp: 125707
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
110 37.1 29.7 44.5



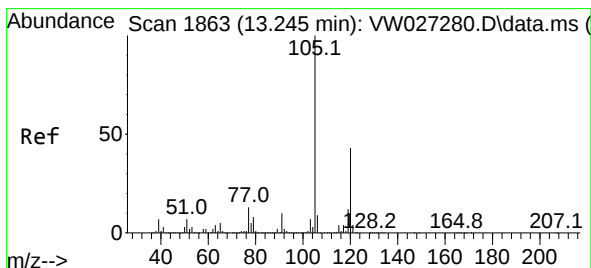
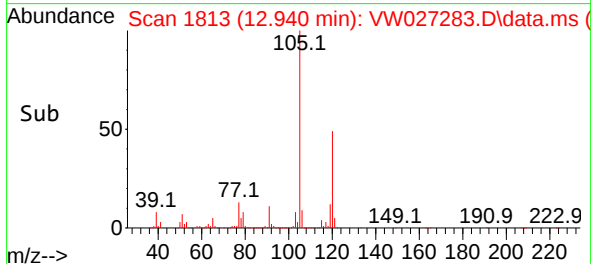
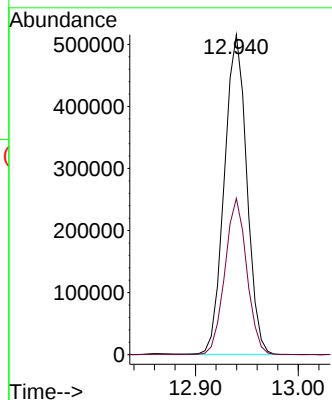


#62
1,3,5-Trimethylbenzene
Concen: 25.400 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

Instrument :
MSVOA_W
ClientSampleId :

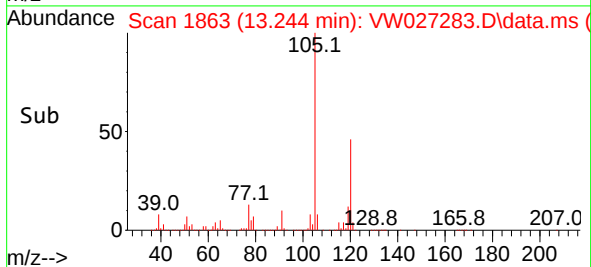
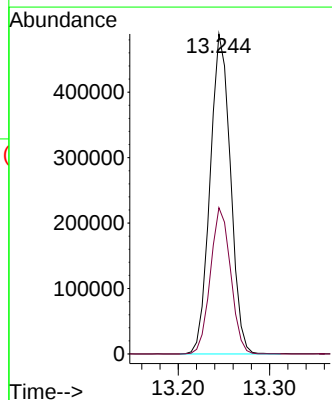
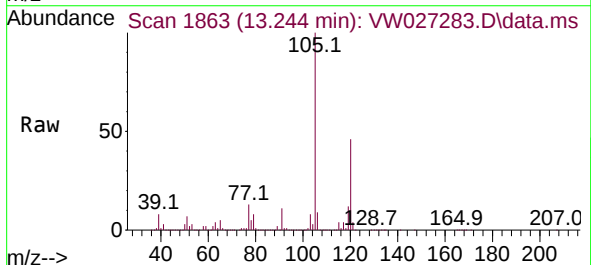


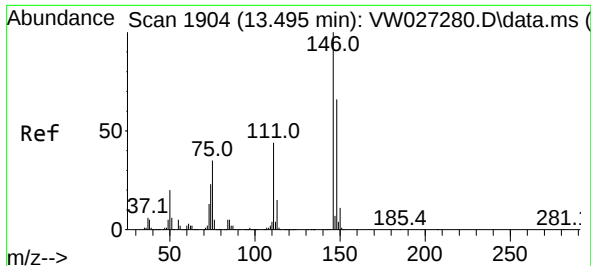
Tgt Ion:105 Resp: 779889
Ion Ratio Lower Upper
105 100
120 47.8 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 25.192 ug/L
RT: 13.244 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

Tgt Ion:105 Resp: 756811
Ion Ratio Lower Upper
105 100
120 45.2 35.4 53.2

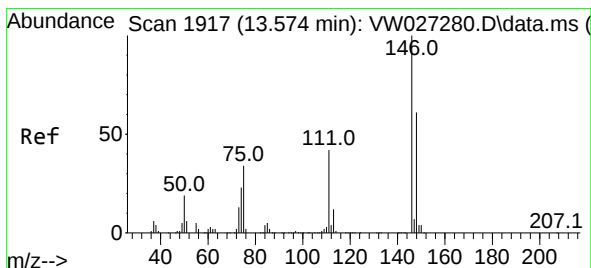
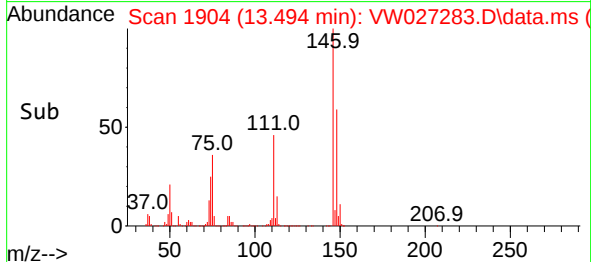
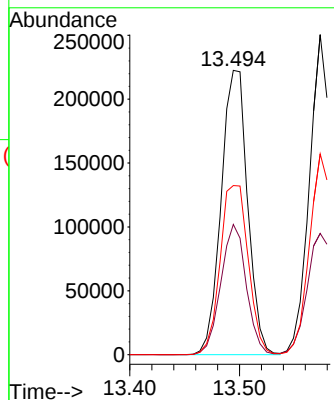
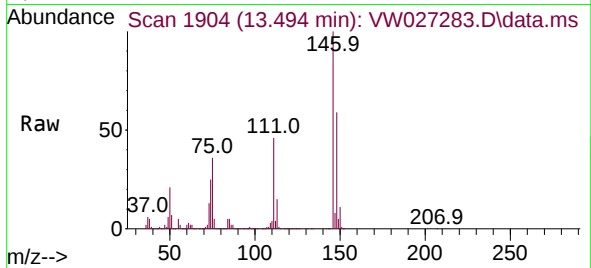




#64
1,3-Dichlorobenzene
Concen: 25.040 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

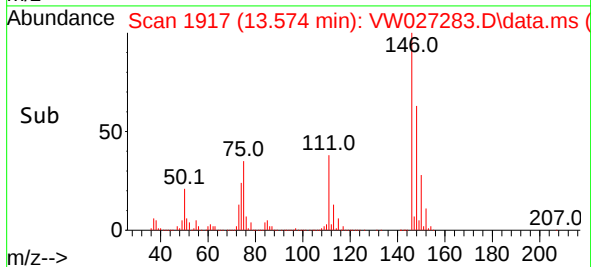
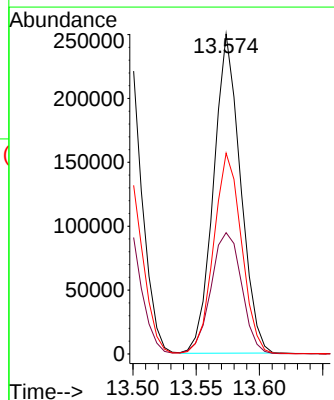
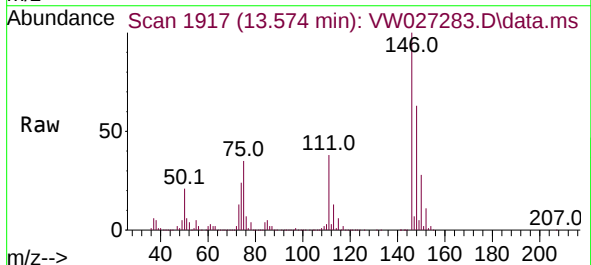
Instrument :
MSVOA_W
ClientSampleId :

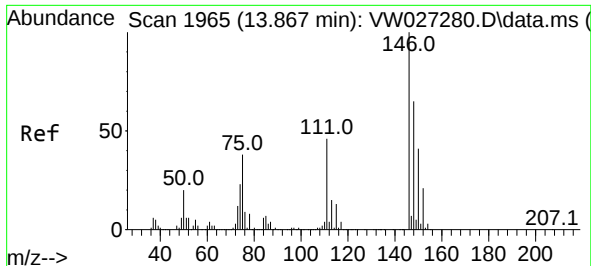
Tgt Ion:146 Resp: 373774
Ion Ratio Lower Upper
146 100
111 45.8 30.8 57.2
148 59.5 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 24.804 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

Tgt Ion:146 Resp: 369758
Ion Ratio Lower Upper
146 100
111 37.9 29.5 54.9
148 62.8 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 24.141 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

Instrument :

MSVOA_W

ClientSampleId :

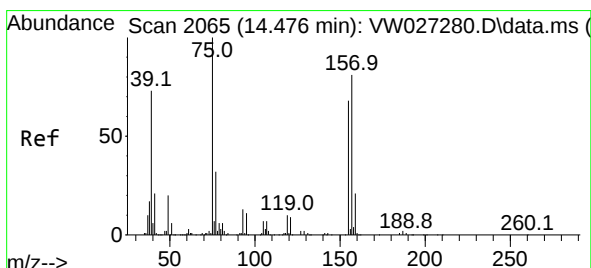
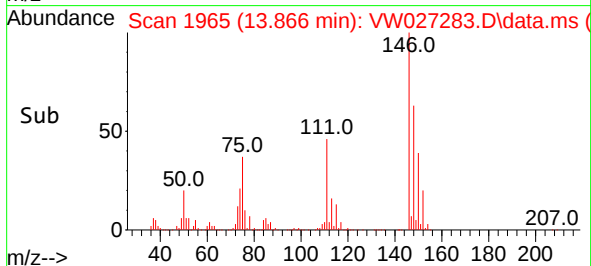
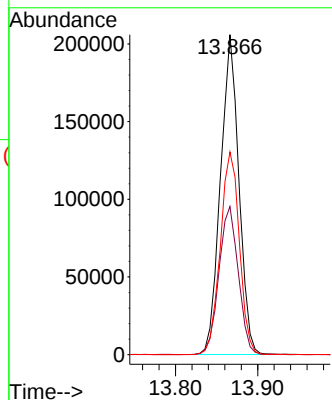
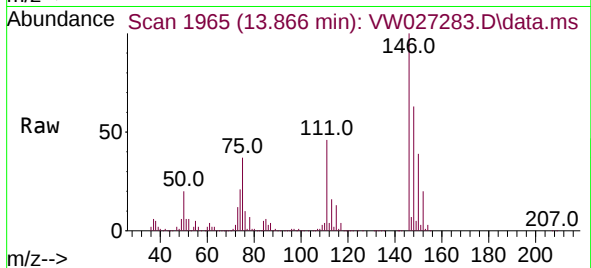
Tgt Ion:146 Resp: 319765

Ion Ratio Lower Upper

146 100

111 46.3 36.8 55.2

148 63.4 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 24.684 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

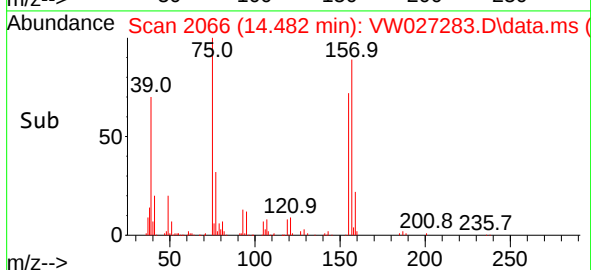
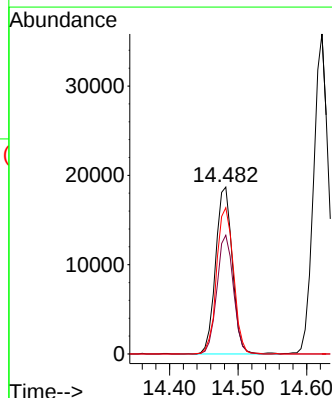
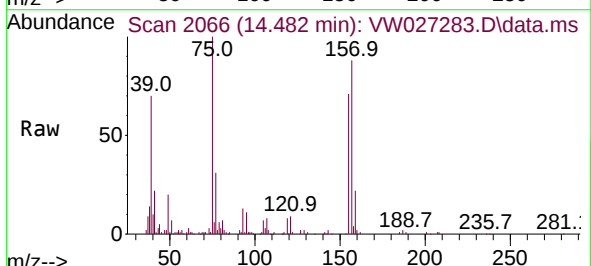
Tgt Ion: 75 Resp: 31563

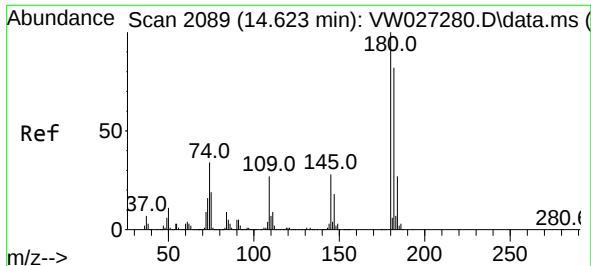
Ion Ratio Lower Upper

75 100

155 71.1 54.9 82.3

157 87.6 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 25.747 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

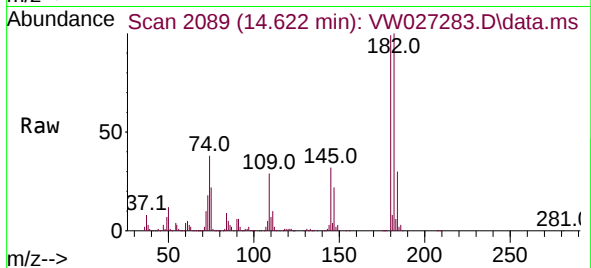
Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 249487

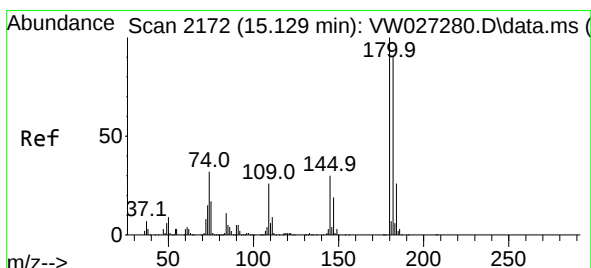
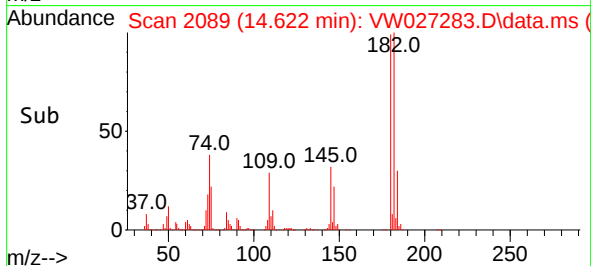
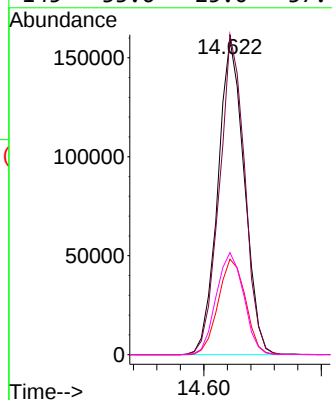
Ion Ratio Lower Upper

180 100

182 96.8 73.4 110.0

184 31.2 23.3 34.9

145 33.6 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 26.035 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027283.D

Acq: 11 Oct 2023 13:00

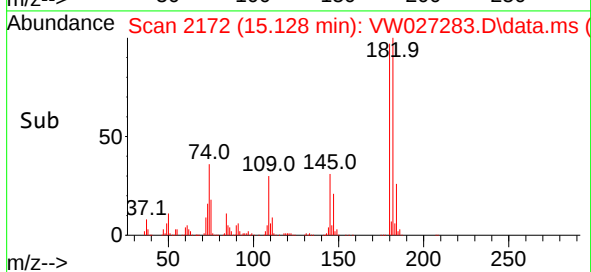
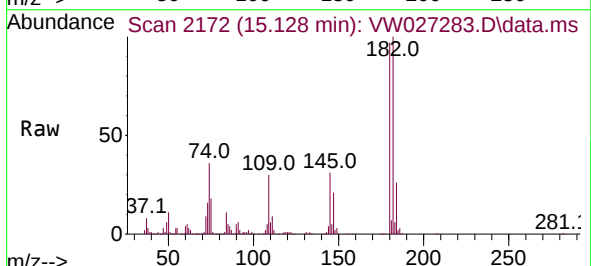
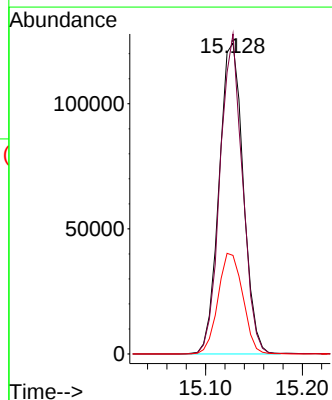
Tgt Ion:180 Resp: 214728

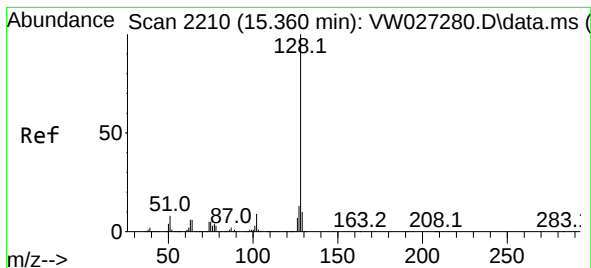
Ion Ratio Lower Upper

180 100

182 95.5 75.5 113.3

145 33.3 26.4 39.6

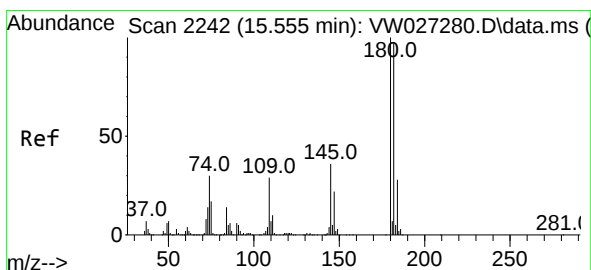
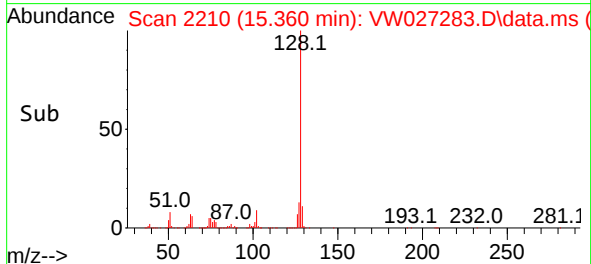
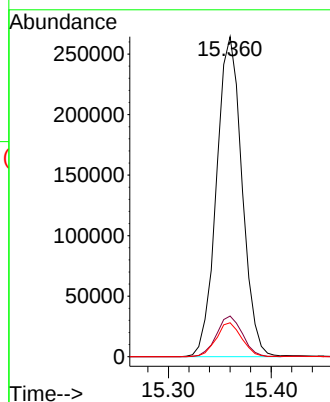
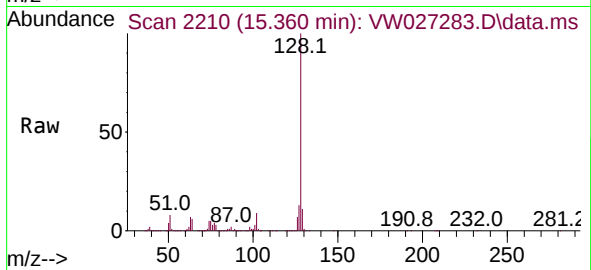




#71
Naphthalene
Concen: 26.851 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 455422
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 26.345 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.006 min
Lab File: VW027283.D
Acq: 11 Oct 2023 13:00

Tgt Ion:180 Resp: 178669
Ion Ratio Lower Upper
180 100
182 94.8 81.1 121.7
145 37.3 30.6 45.8

