

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020124\
 Data File : VW027892.D
 Acq On : 01 Feb 2024 09:15
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 01 21:32:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 00:34:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	322525	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	274366	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	142487	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	88994	22.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.440%
7) Chloroethane-d5	2.905	69	59842	17.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.360%
11) 1,1-Dichloroethene-d2	4.021	65	41176	23.253	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.000%
21) 2-Butanone-d5	7.087	46	32757	50.323	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.640%
24) Chloroform-d	7.648	84	200768	25.743	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.960%
26) 1,2-Dichloroethane-d4	8.307	65	89666	25.377	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.520%
32) Benzene-d6	8.276	84	418086	26.849	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	9.270	67	114469	26.571	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.280%
41) Toluene-d8	10.318	98	398190	27.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.400%
43) trans-1,3-Dichloroprop...	10.575	79	44923	26.826	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.320%
47) 2-Hexanone-d5	10.922	63	29750	52.610	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84635	27.577	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	143577	28.664	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	78022	23.320	ug/L	100
3) Chloromethane	2.222	50	81792	19.673	ug/L	95
5) Vinyl chloride	2.375	62	111089	26.473	ug/L	99
6) Bromomethane	2.789	94	61565	18.843	ug/L	98
8) Chloroethane	2.936	64	51206	18.522	ug/L	99
9) Trichlorofluoromethane	3.271	101	102892	21.369	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	101560	25.916	ug/L	98
12) 1,1-Dichloroethene	4.045	96	98154	25.585	ug/L	94
13) Acetone	4.155	43	33060	39.739	ug/L	98
14) Carbon disulfide	4.387	76	277863	23.563	ug/L	100
15) Methyl Acetate	4.685	43	24130	21.320	ug/L	94
16) Methylene chloride	4.917	84	97618	20.876	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	102032	24.892	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	118326	23.627	ug/L	99
19) 1,1-Dichloroethane	6.216	63	170592	24.532	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	109509	24.563	ug/L	98
22) 2-Butanone	7.179	43	38295	47.455	ug/L	100
23) Bromochloromethane	7.520	128	48024	24.827	ug/L	95
25) Chloroform	7.679	83	181101	25.191	ug/L	99

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 QLast Update : Thu Feb 01 00:34:16 2024
 Response via : Initial Calibration

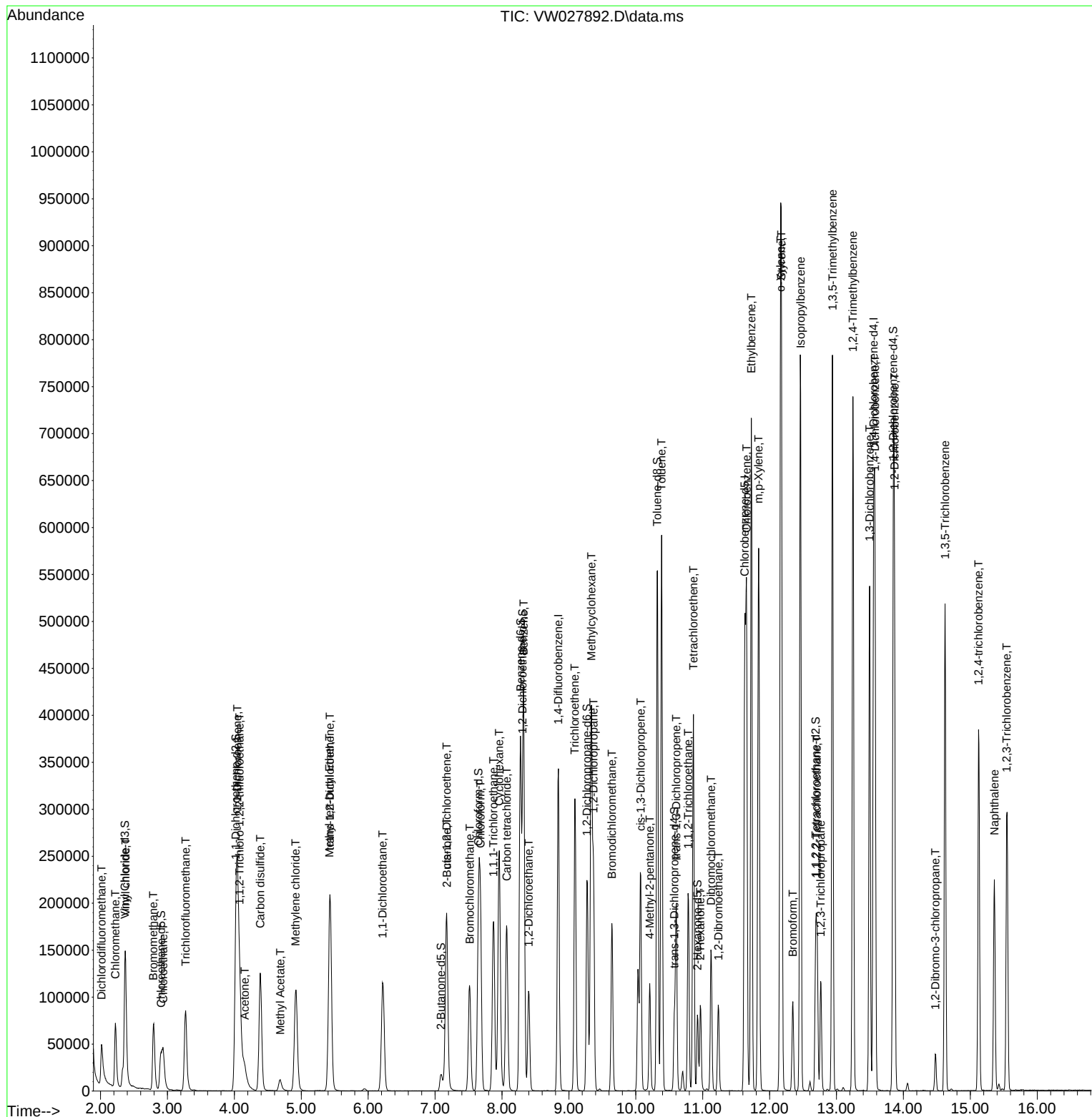
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	99113	24.392	ug/L	97
29) Cyclohexane	7.959	56	145573	26.076	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	157343	28.593	ug/L	99
31) Carbon tetrachloride	8.069	117	144032	30.173	ug/L	99
33) Benzene	8.325	78	399807	26.399	ug/L	100
34) Trichloroethene	9.087	95	111832	27.016	ug/L	98
35) Methylcyclohexane	9.337	83	188546	27.063	ug/L	98
37) 1,2-Dichloropropane	9.367	63	92732	25.417	ug/L	100
38) Bromodichloromethane	9.642	83	125116	27.426	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	149657	26.620	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	68008	47.787	ug/L	100
42) Toluene	10.386	91	447699	27.163	ug/L	92
44) trans-1,3-Dichloropropene	10.605	75	119097	27.444	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	70570	25.818	ug/L	98
46) Tetrachloroethene	10.861	164	95075	28.168	ug/L	91
48) 2-Hexanone	10.965	43	53079	51.510	ug/L	96
49) Dibromochloromethane	11.123	129	83714	28.029	ug/L	94
50) 1,2-Dibromoethane	11.233	107	64546	25.621	ug/L	100
51) Chlorobenzene	11.654	112	295197	27.124	ug/L	98
52) Ethylbenzene	11.727	91	512704	27.597	ug/L	97
53) m,p-Xylene	11.836	106	200062	27.667	ug/L	96
54) o-Xylene	12.166	106	179511	26.502	ug/L	97
55) Styrene	12.178	104	322350	28.170	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	75575	25.646	ug/L	98
59) Bromoform	12.349	173	44591	25.487	ug/L #	91
60) Isopropylbenzene	12.464	105	528601	27.285	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	51386	23.817	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	426899	27.428	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	413019	26.744	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	233376	26.259	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	231528	26.652	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	201329	26.578	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	9995	23.738	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	173529	28.359	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	133923	26.655	ug/L	95
71) Naphthalene	15.360	128	202567	24.544	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	110497	26.151	ug/L	99

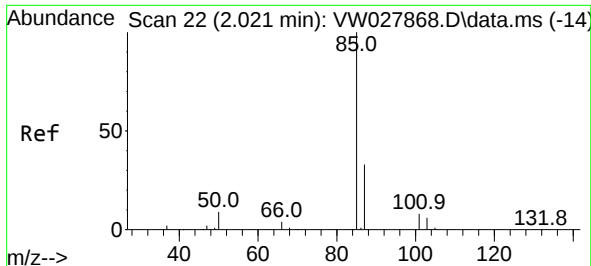
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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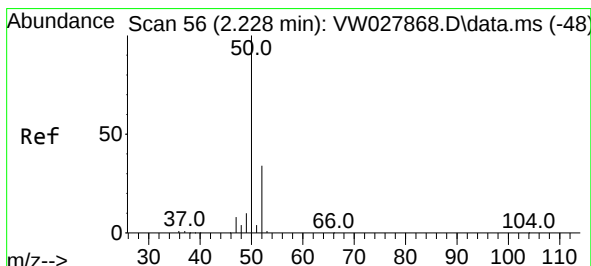
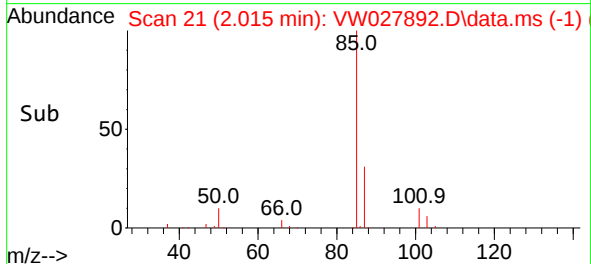
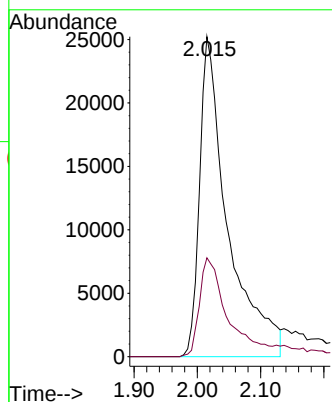
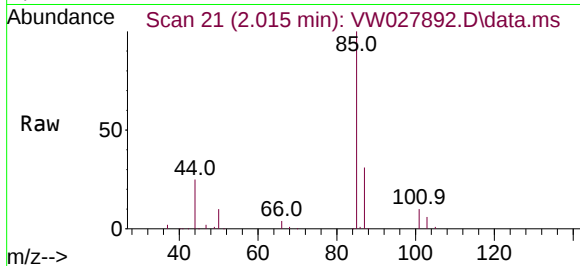




#2
Dichlorodifluoromethane
Concen: 23.320 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

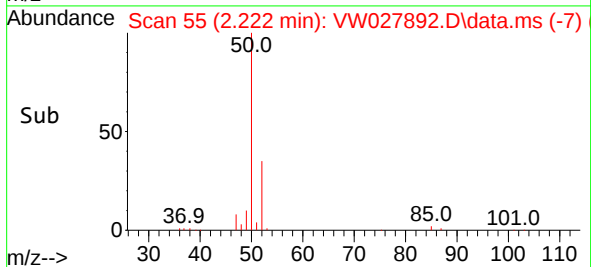
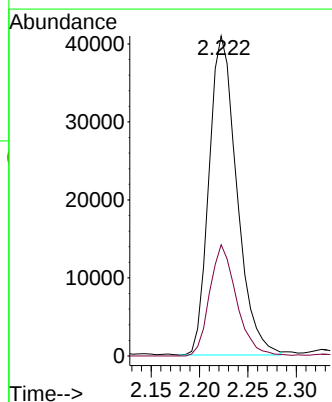
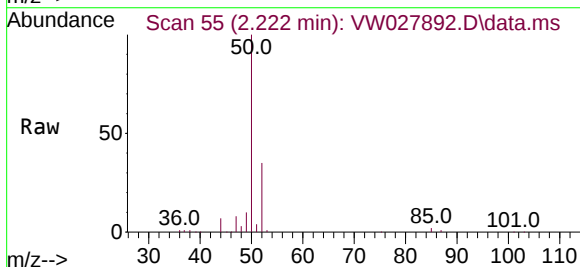
Instrument :
MSVOA_W
ClientSampleId :

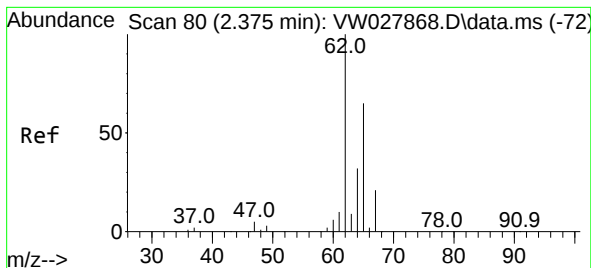
Tgt Ion: 85 Resp: 78022
Ion Ratio Lower Upper
85 100
87 31.1 25.0 37.4



#3
Chloromethane
Concen: 19.673 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

Tgt Ion: 50 Resp: 81792
Ion Ratio Lower Upper
50 100
52 34.8 22.5 41.7





#5

Vinyl chloride

Concen: 26.473 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Instrument :

MSVOA_W

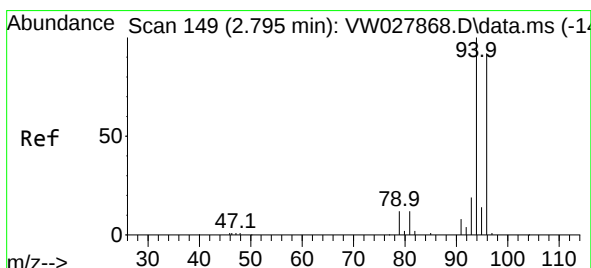
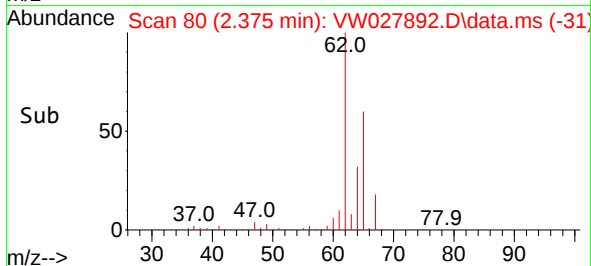
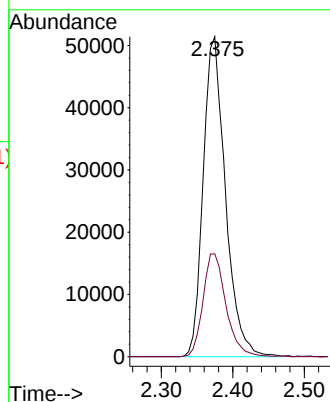
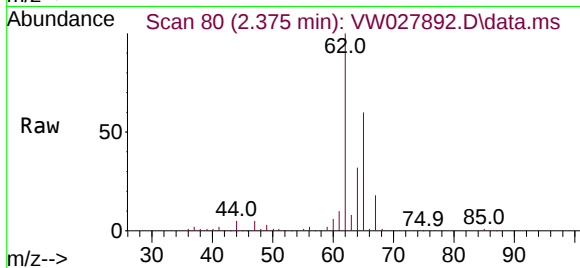
ClientSampleId :

Tgt Ion: 62 Resp: 111089

Ion Ratio Lower Upper

62 100

64 32.2 23.0 42.6



#6

Bromomethane

Concen: 18.843 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW027892.D

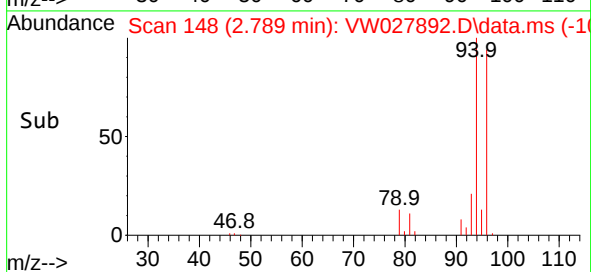
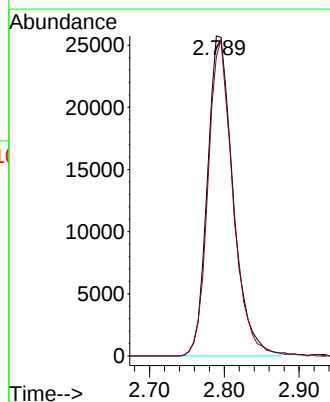
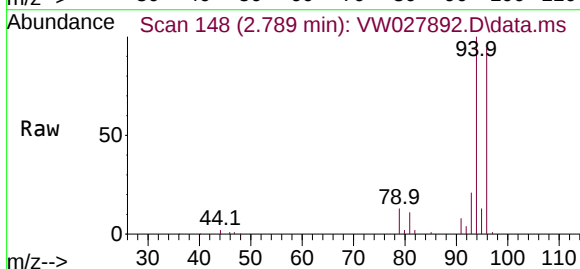
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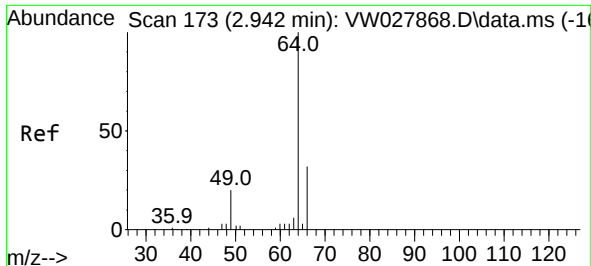
Tgt Ion: 94 Resp: 61565

Ion Ratio Lower Upper

94 100

96 93.6 64.3 119.5

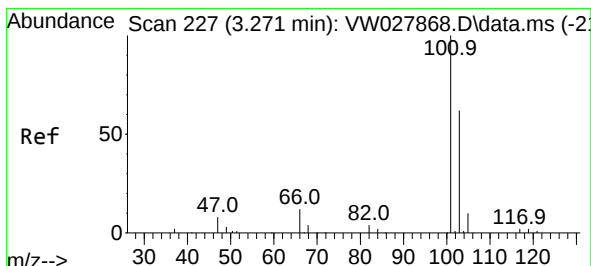
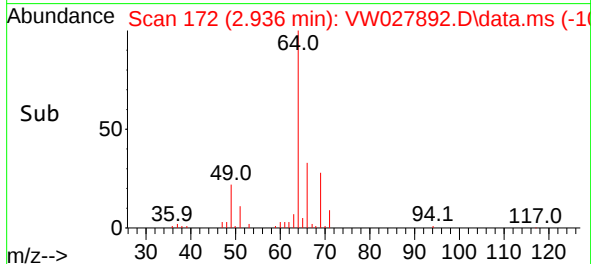
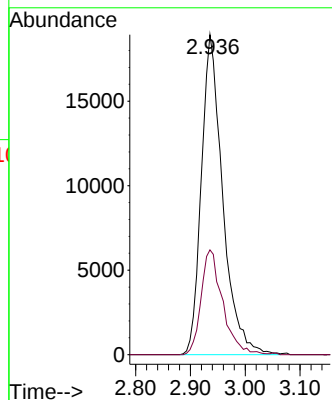
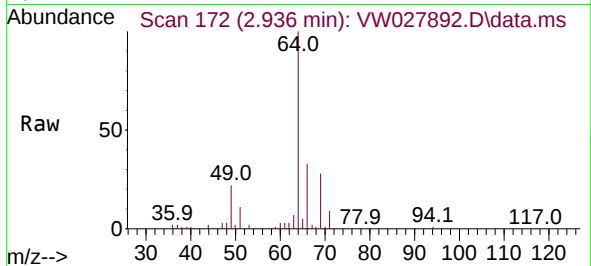




#8
Chloroethane
Concen: 18.522 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

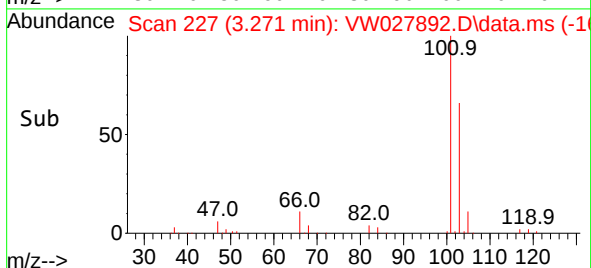
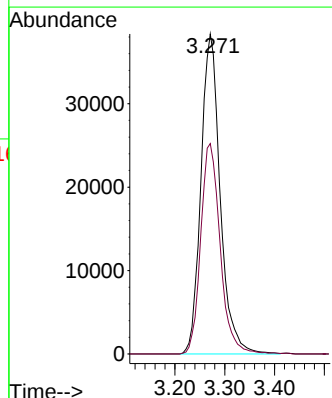
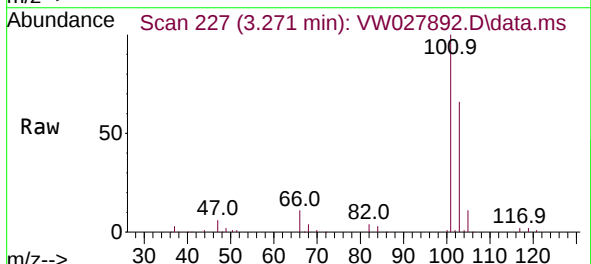
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MSVOA_W
ClientSampleId :

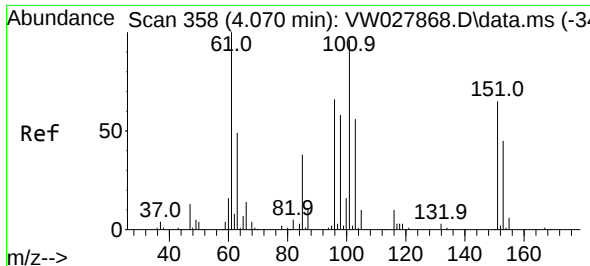
Tgt Ion: 64 Resp: 51206
Ion Ratio Lower Upper
64 100
66 32.8 22.6 42.0



#9
Trichlorofluoromethane
Concen: 21.369 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

Tgt Ion:101 Resp: 102892
Ion Ratio Lower Upper
101 100
103 66.3 51.5 77.3

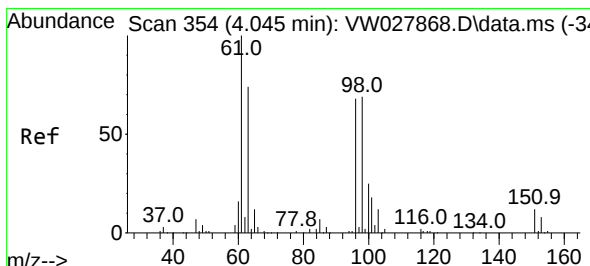
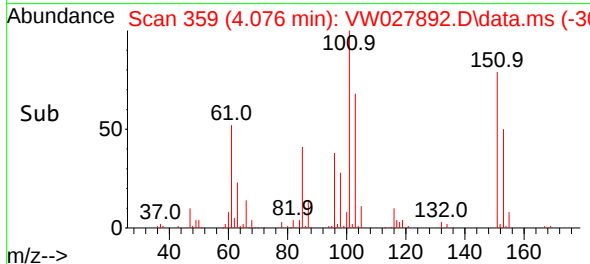
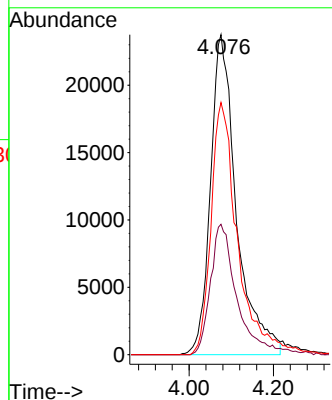
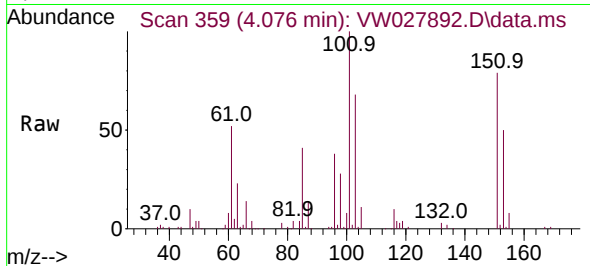




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.916 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW027892.D
 Acq: 01 Feb 2024 09:15

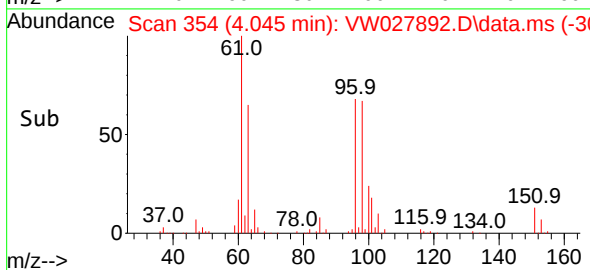
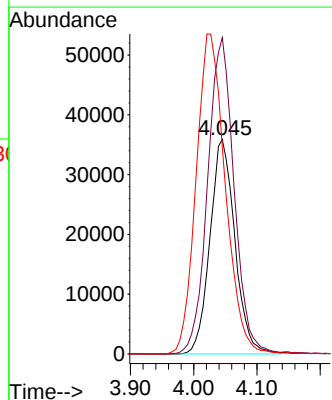
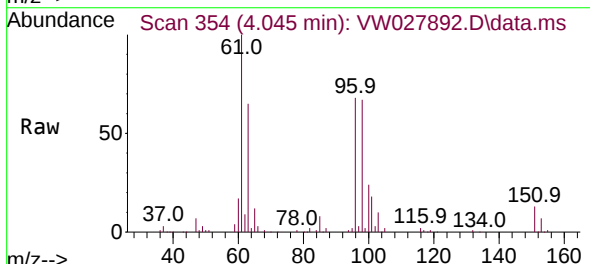
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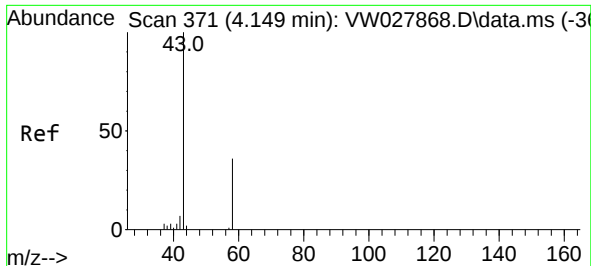
Tgt Ion:101 Resp: 101560
 Ion Ratio Lower Upper
 101 100
 85 40.1 32.6 48.8
 151 73.7 60.6 91.0



#12
 1,1-Dichloroethene
 Concen: 25.585 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027892.D
 Acq: 01 Feb 2024 09:15

Tgt Ion: 96 Resp: 98154
 Ion Ratio Lower Upper
 96 100
 61 147.5 105.7 196.3
 63 96.5 76.0 141.2





#13

Acetone

Concen: 39.739 ug/L

RT: 4.155 min Scan# 31

Delta R.T. 0.006 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Instrument :

MSVOA_W

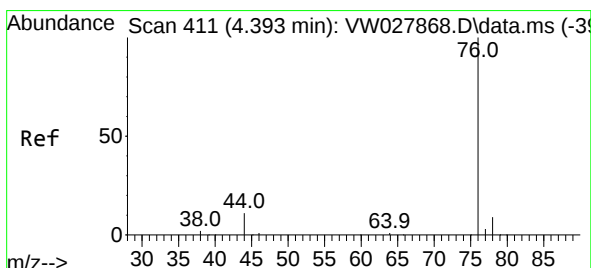
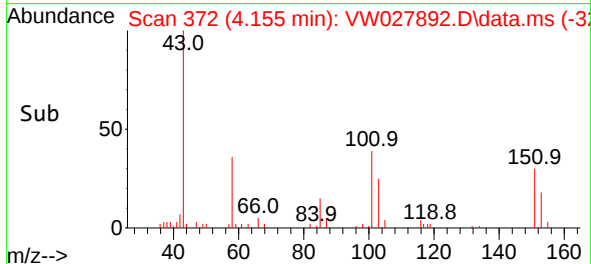
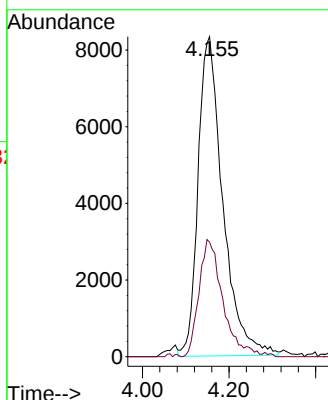
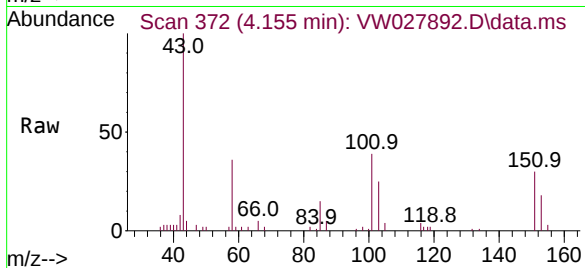
ClientSampleId :

Tgt Ion: 43 Resp: 33060

Ion Ratio Lower Upper

43 100

58 34.0 0.0 70.2



#14

Carbon disulfide

Concen: 23.563 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW027892.D

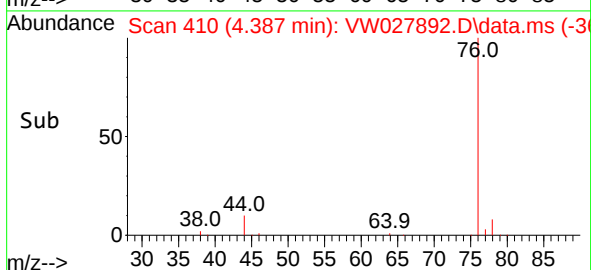
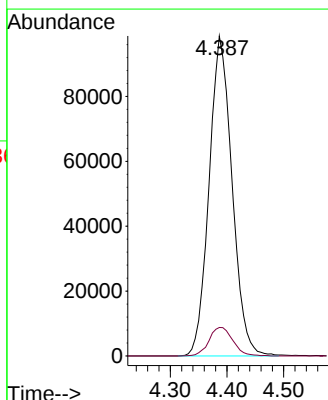
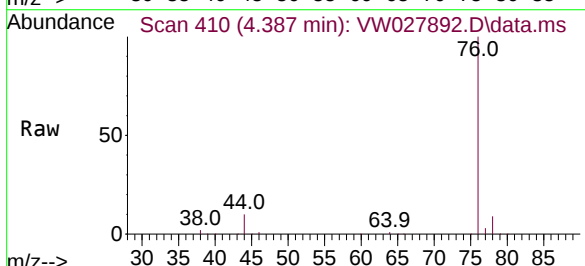
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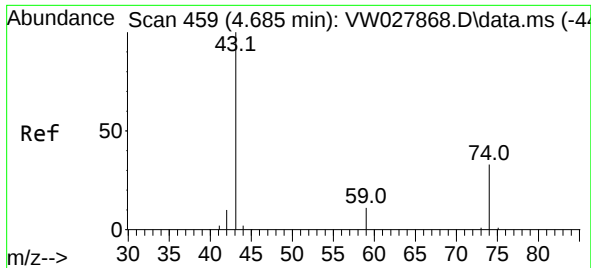
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Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6

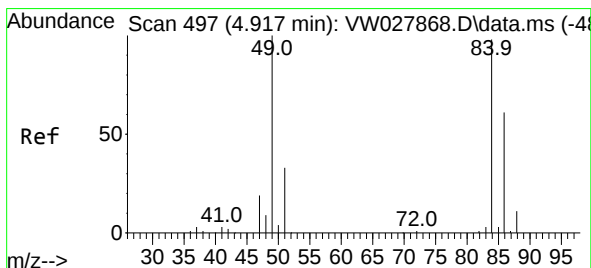
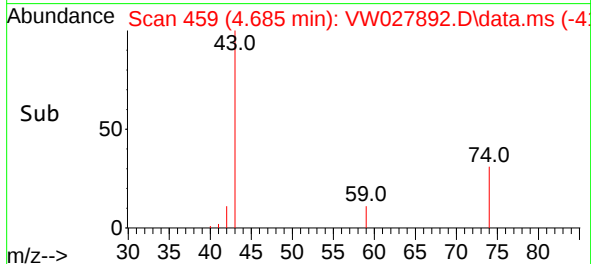
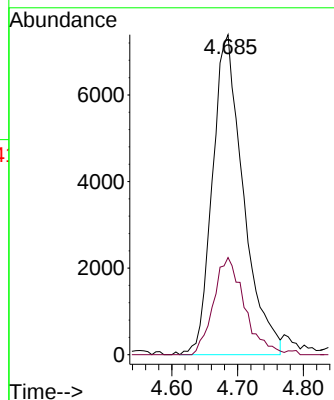
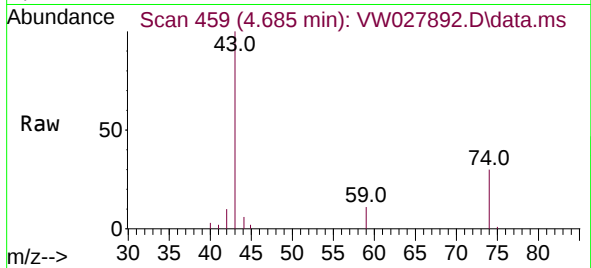




#15
Methyl Acetate
Concen: 21.320 ug/L
RT: 4.685 min Scan# 459
Delta R.T. -0.000 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

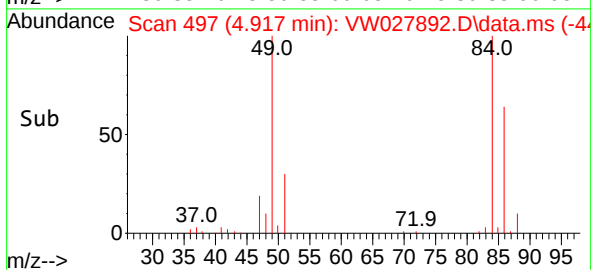
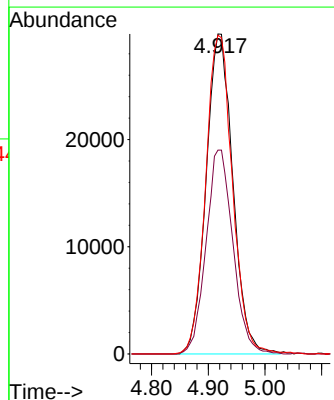
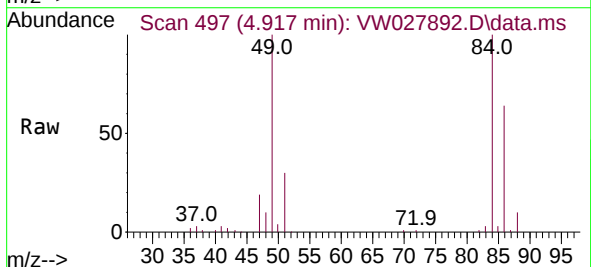
Instrument :
MSVOA_W
ClientSampleId :

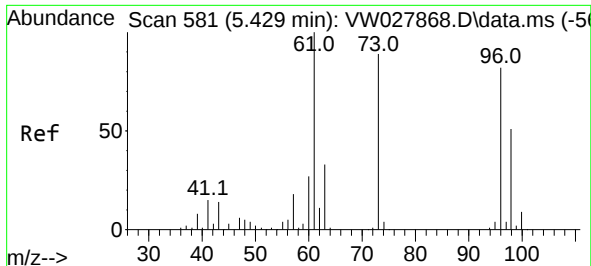
Tgt Ion: 43 Resp: 24130
Ion Ratio Lower Upper
43 100
74 30.5 21.9 32.9



#16
Methylene chloride
Concen: 20.876 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

Tgt Ion: 84 Resp: 97618
Ion Ratio Lower Upper
84 100
86 63.7 43.5 80.9
49 99.6 70.3 130.5





#17

trans-1,2-Dichloroethene

Concen: 24.892 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Instrument :

MSVOA_W

ClientSampleId :

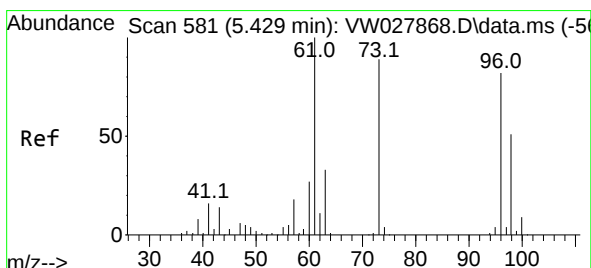
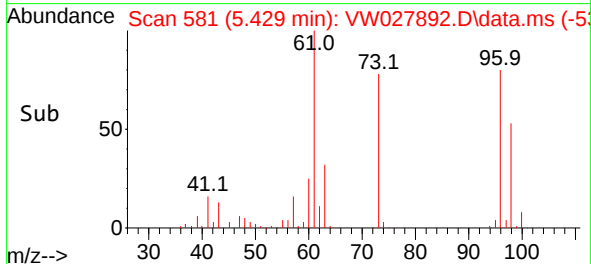
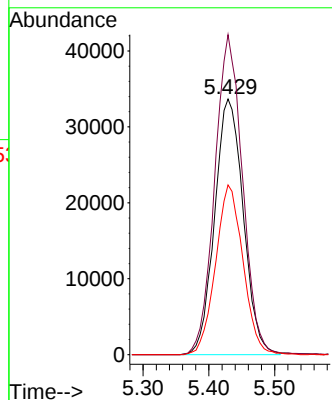
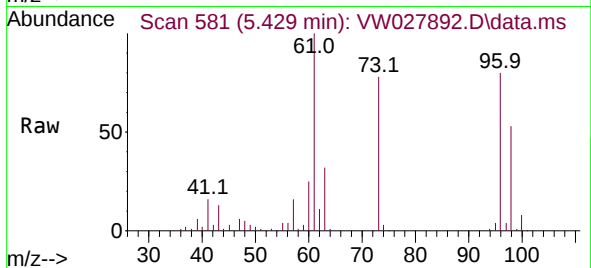
Tgt Ion: 96 Resp: 102032

Ion Ratio Lower Upper

96 100

61 125.2 85.0 157.8

98 66.4 46.3 86.1



#18

Methyl tert-butyl Ether

Concen: 23.627 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

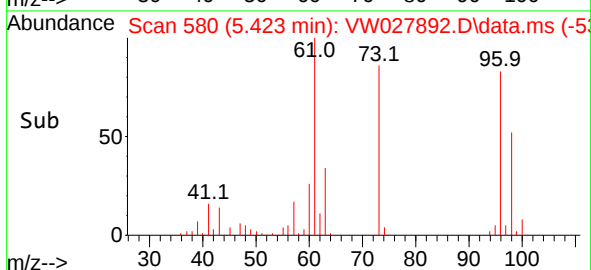
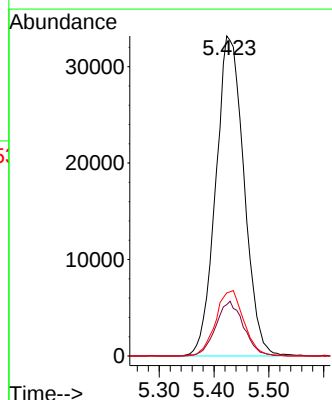
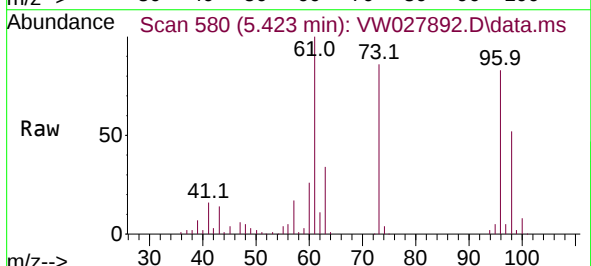
Tgt Ion: 73 Resp: 118326

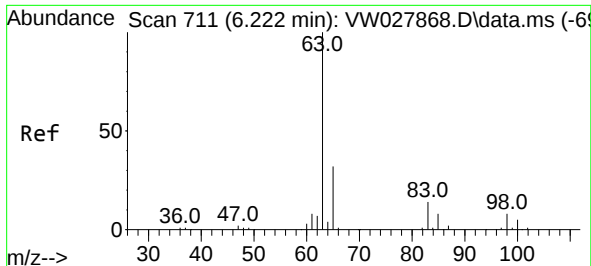
Ion Ratio Lower Upper

73 100

43 16.8 13.5 20.3

57 20.5 16.9 25.3





#19

1,1-Dichloroethane

Concen: 24.532 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Instrument :

MSVOA_W

ClientSampleId :

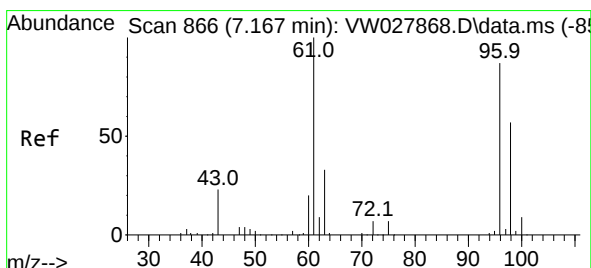
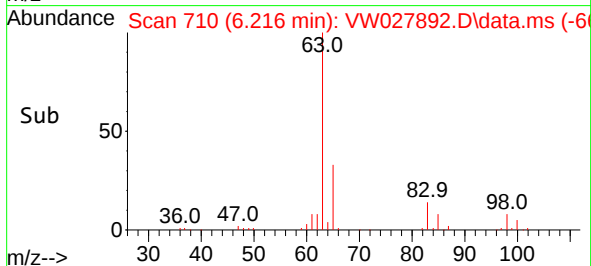
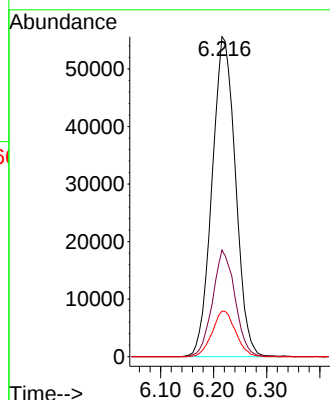
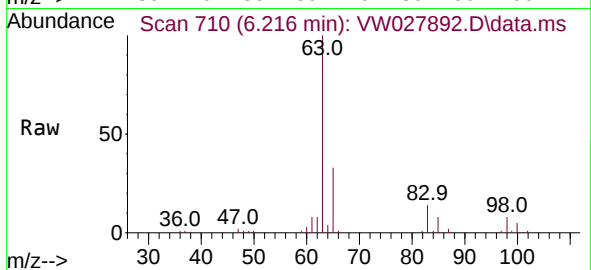
Tgt Ion: 63 Resp: 170592

Ion Ratio Lower Upper

63 100

65 33.3 21.5 39.9

83 14.2 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 24.563 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

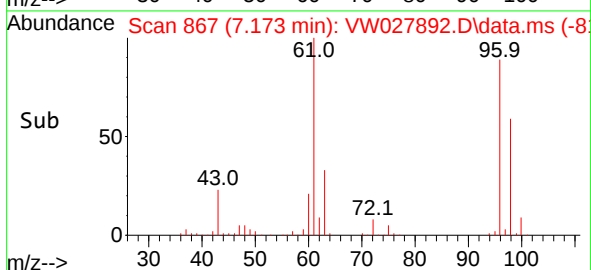
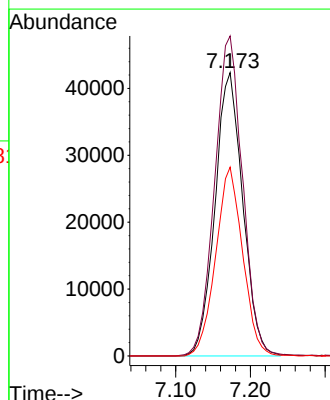
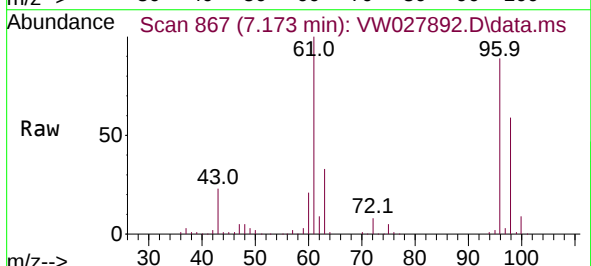
Tgt Ion: 96 Resp: 109509

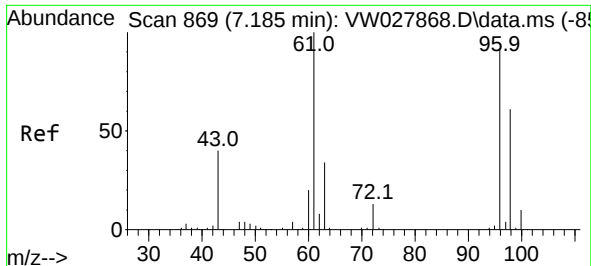
Ion Ratio Lower Upper

96 100

61 112.9 81.1 150.7

98 66.6 46.5 86.5





#22

2-Butanone

Concen: 47.455 ug/L

RT: 7.179 min Scan# 869

Delta R.T. -0.006 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Instrument :

MSVOA_W

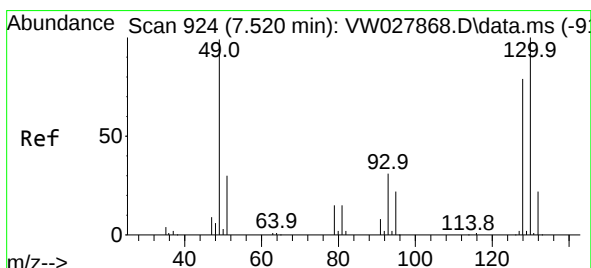
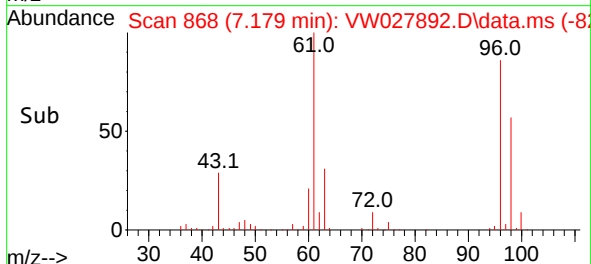
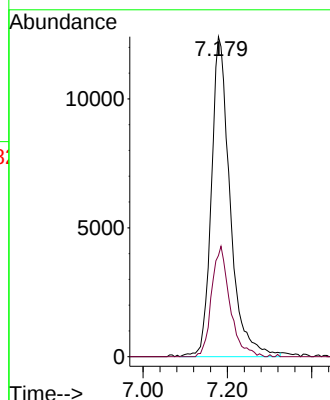
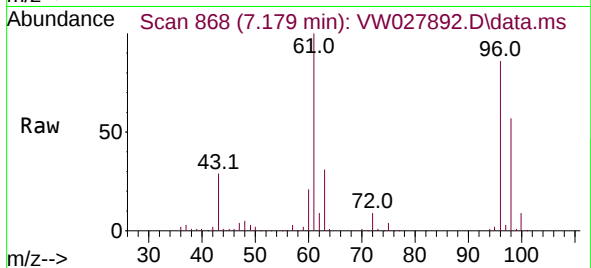
ClientSampleId :

Tgt Ion: 43 Resp: 38295

Ion Ratio Lower Upper

43 100

72 33.5 16.7 50.1



#23

Bromochloromethane

Concen: 24.827 ug/L

RT: 7.520 min Scan# 924

Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Tgt Ion: 128 Resp: 48024

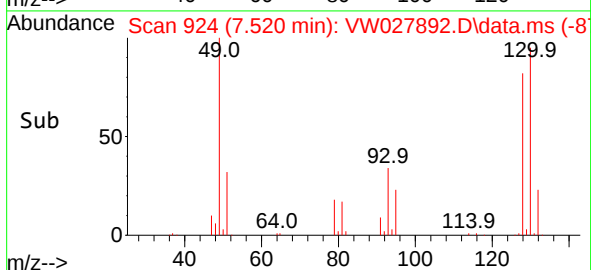
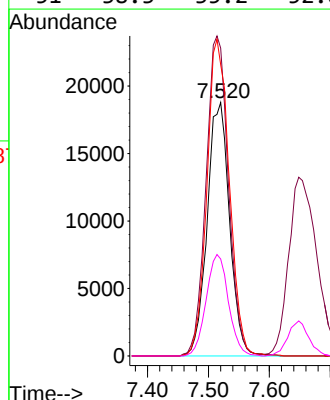
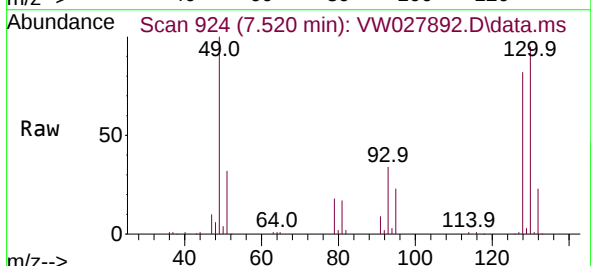
Ion Ratio Lower Upper

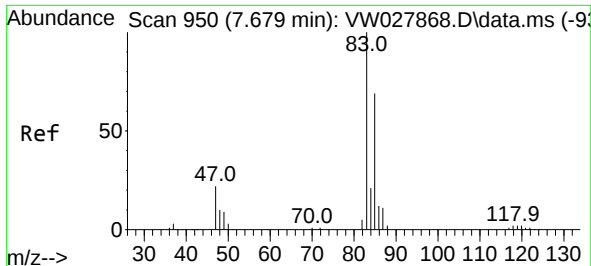
128 100

49 121.5 89.9 166.9

130 115.0 83.3 154.7

51 38.3 35.2 52.8

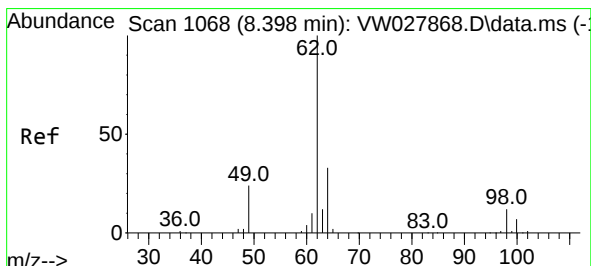
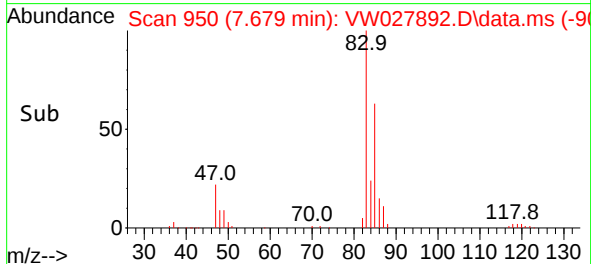
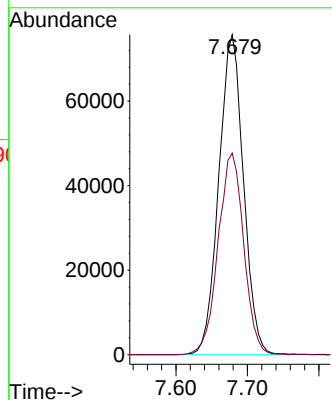
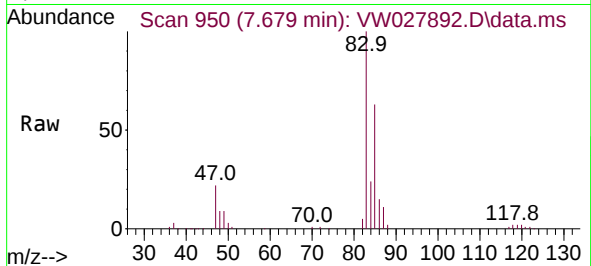




#25
Chloroform
Concen: 25.191 ug/L
RT: 7.679 min Scan# 911
Delta R.T. -0.000 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

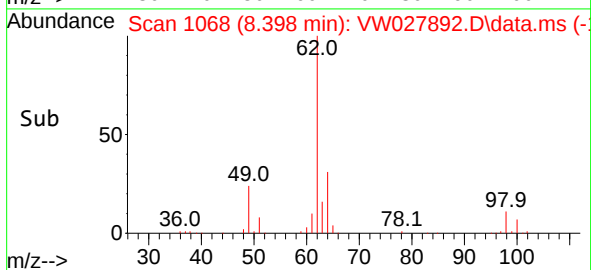
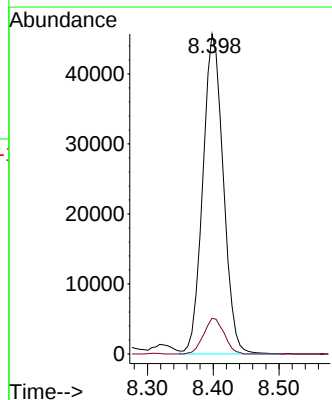
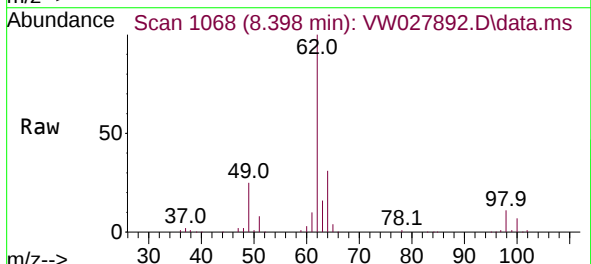
Instrument :
MSVOA_W
ClientSampleId :

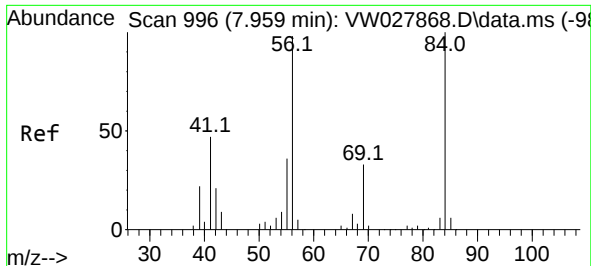
Tgt Ion: 83 Resp: 181101
Ion Ratio Lower Upper
83 100
85 63.0 43.7 81.1



#27
1,2-Dichloroethane
Concen: 24.392 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

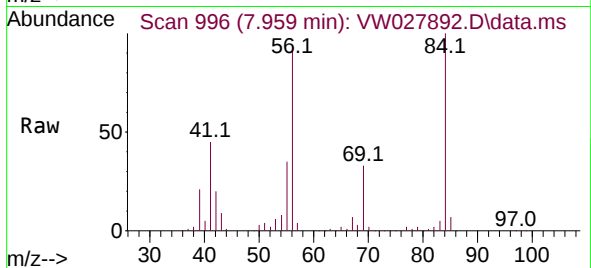
Tgt Ion: 62 Resp: 99113
Ion Ratio Lower Upper
62 100
98 11.2 8.1 12.1





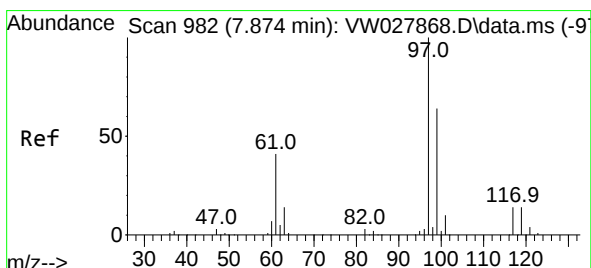
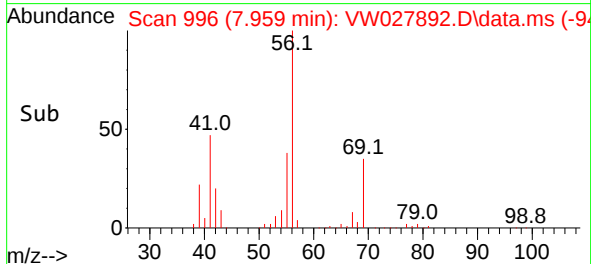
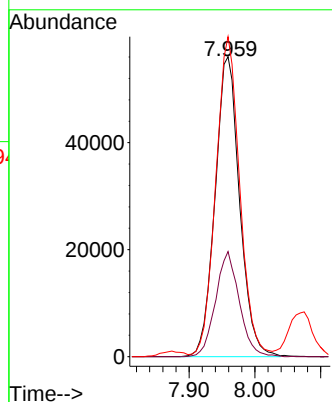
#29
Cyclohexane
Concen: 26.076 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 56 Resp: 145573

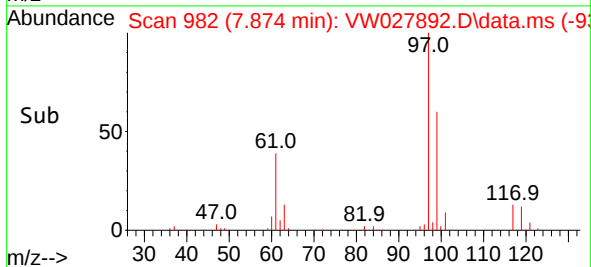
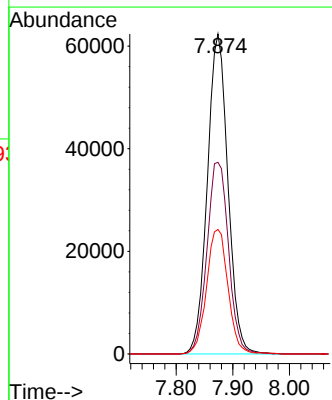
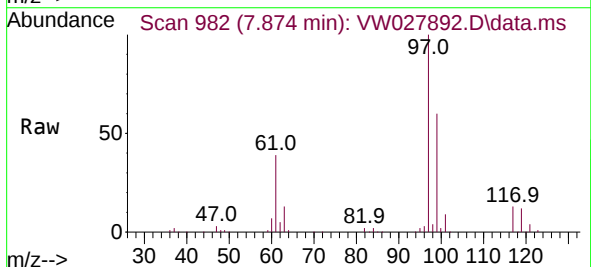
Ion	Ratio	Lower	Upper
56	100		
69	33.9	25.8	38.6
84	104.4	79.0	118.4

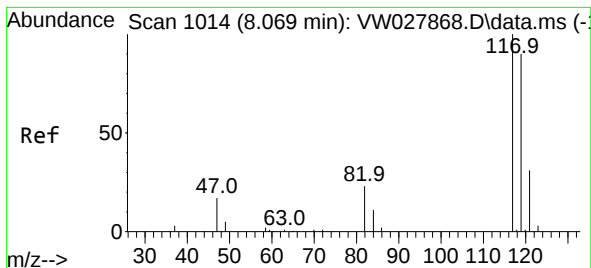


#30
1,1,1-Trichloroethane
Concen: 28.593 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

Tgt Ion: 97 Resp: 157343

Ion	Ratio	Lower	Upper
97	100		
99	62.8	50.6	75.8
61	40.5	33.6	50.4





#31

Carbon tetrachloride

Concen: 30.173 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Instrument :

MSVOA_W

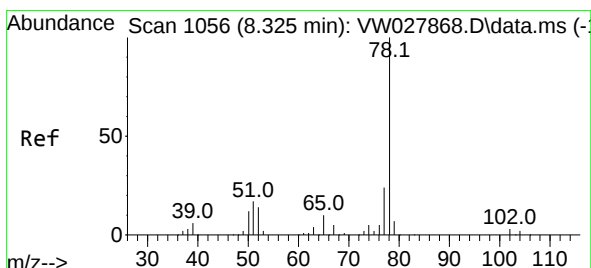
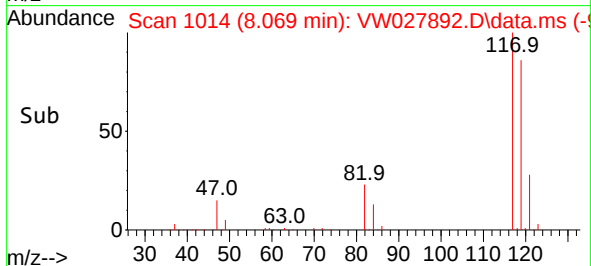
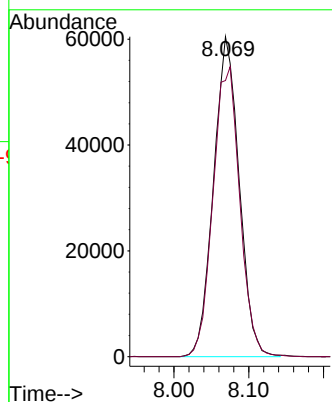
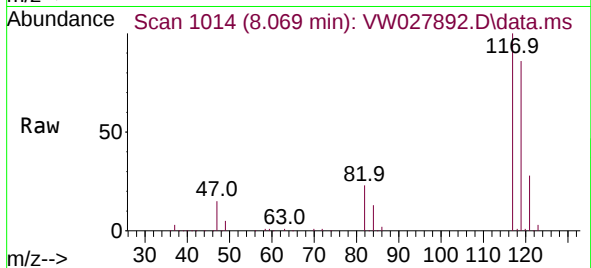
ClientSampleId :

Tgt Ion:117 Resp: 144032

Ion Ratio Lower Upper

117 100

119 94.8 74.8 112.2



#33

Benzene

Concen: 26.399 ug/L

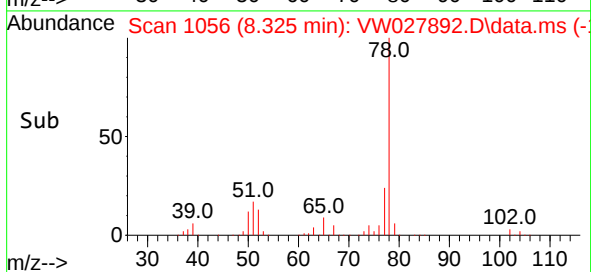
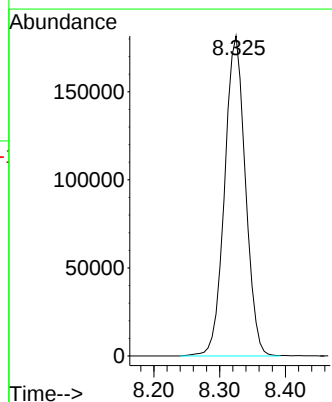
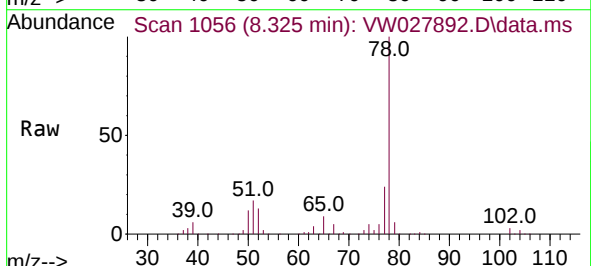
RT: 8.325 min Scan# 1056

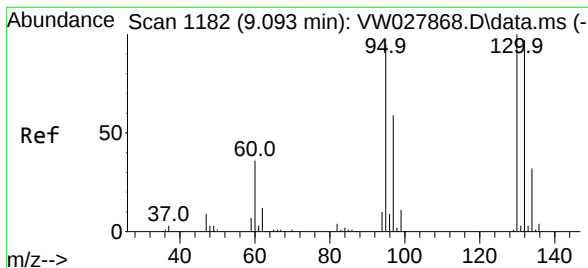
Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Tgt Ion: 78 Resp: 399807





#34

Trichloroethene

Concen: 27.016 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 111832

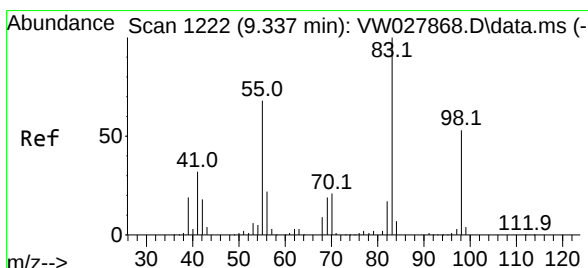
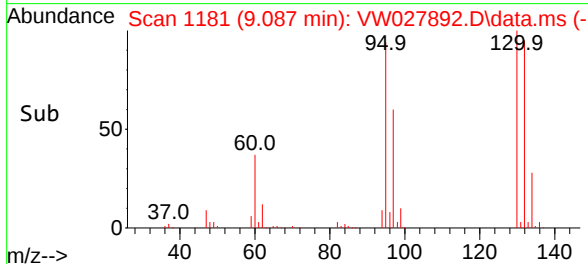
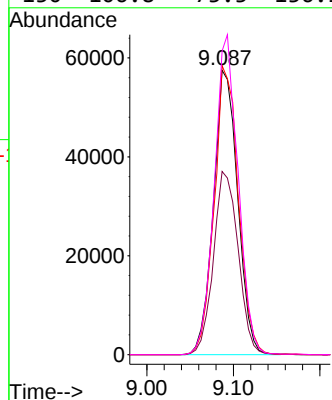
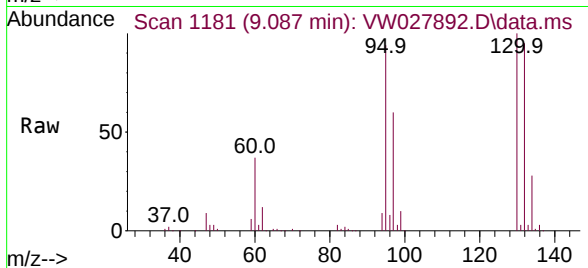
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.9

132 101.6 74.1 137.5

130 106.8 73.3 136.1



#35

Methylcyclohexane

Concen: 27.063 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

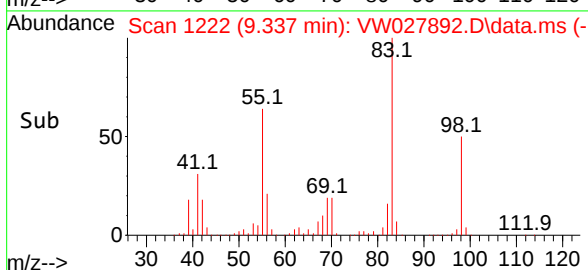
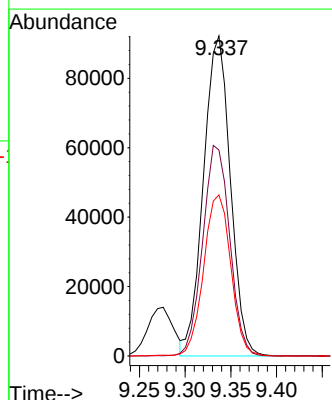
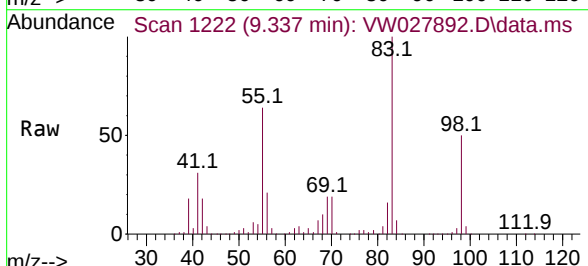
Tgt Ion: 83 Resp: 188546

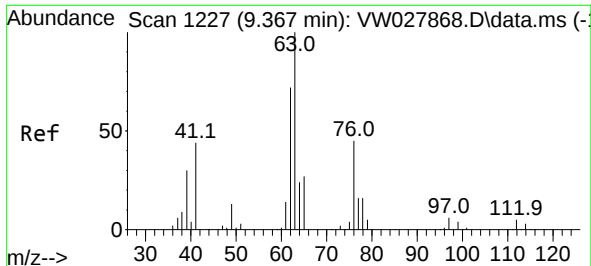
Ion Ratio Lower Upper

83 100

55 66.1 54.7 82.1

98 50.8 41.0 61.4





#37

1,2-Dichloropropane

Concen: 25.417 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Instrument :

MSVOA_W

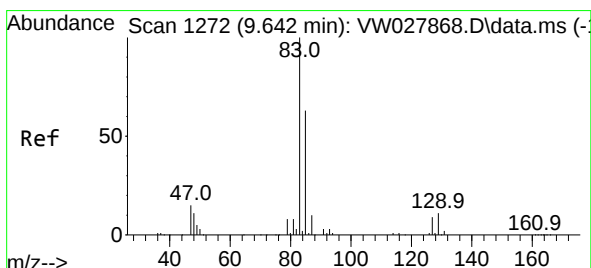
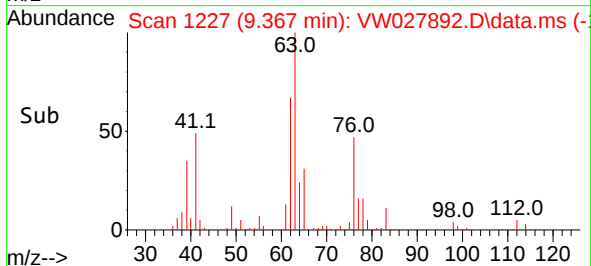
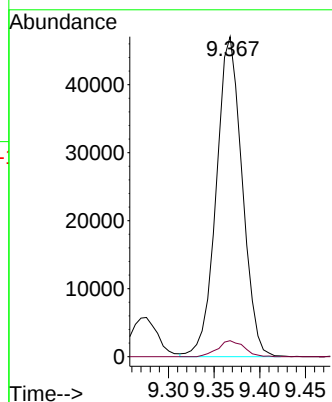
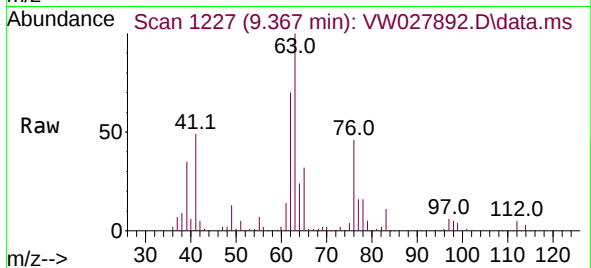
ClientSampleId :

Tgt Ion: 63 Resp: 92732

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.2



#38

Bromodichloromethane

Concen: 27.426 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

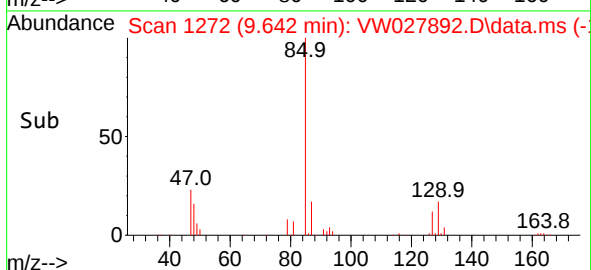
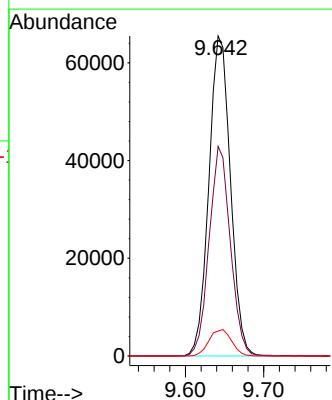
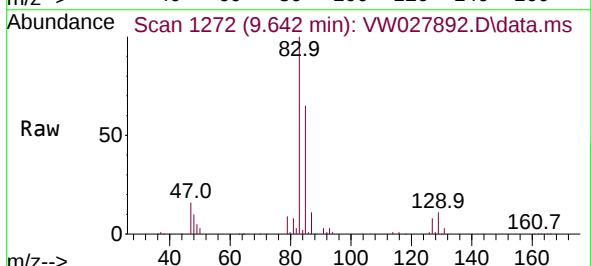
Tgt Ion: 83 Resp: 125116

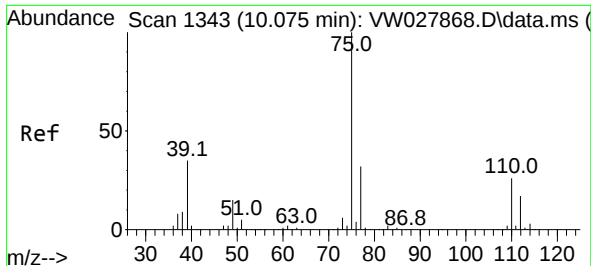
Ion Ratio Lower Upper

83 100

85 65.4 43.0 79.8

127 7.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 26.620 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Instrument :

MSVOA_W

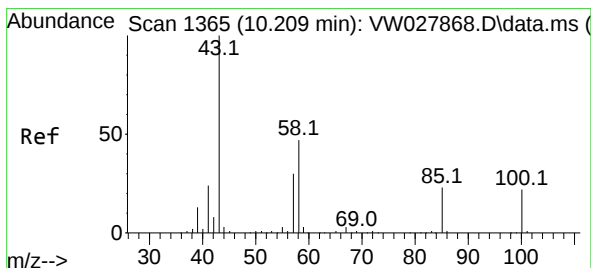
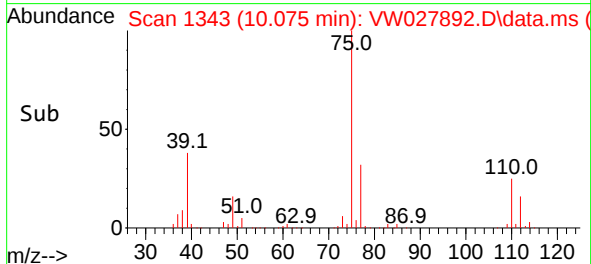
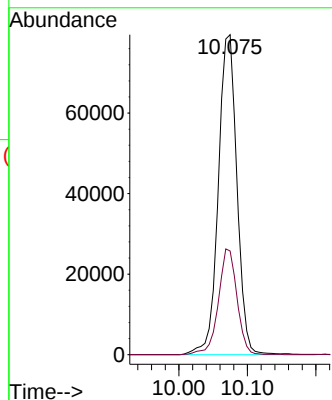
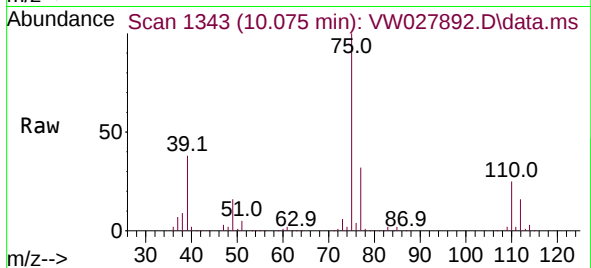
ClientSampleId :

Tgt Ion: 75 Resp: 149657

Ion Ratio Lower Upper

75 100

77 32.4 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 47.787 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

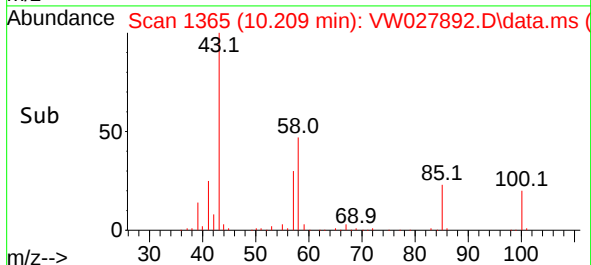
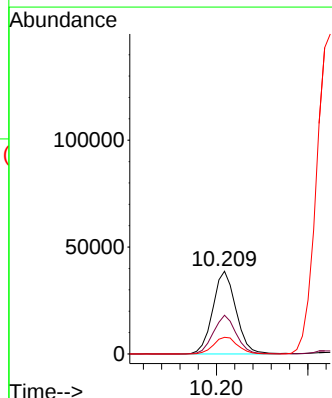
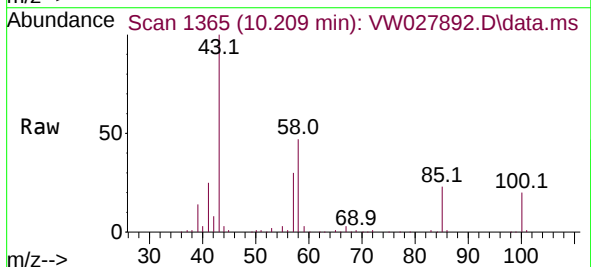
Tgt Ion: 43 Resp: 68008

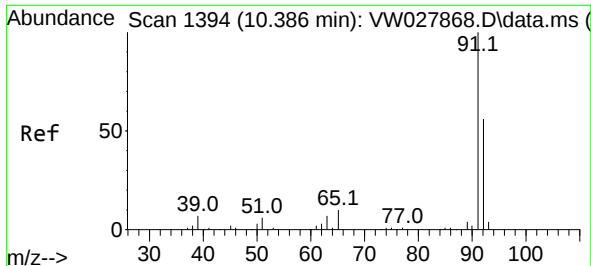
Ion Ratio Lower Upper

43 100

58 46.0 36.9 55.3

100 20.9 16.7 25.1

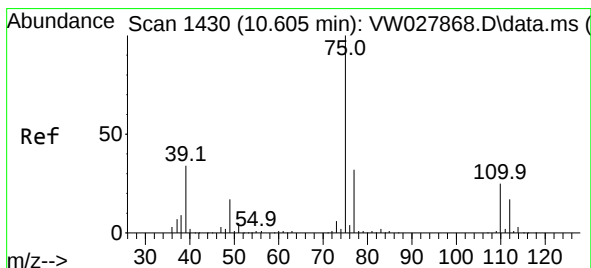
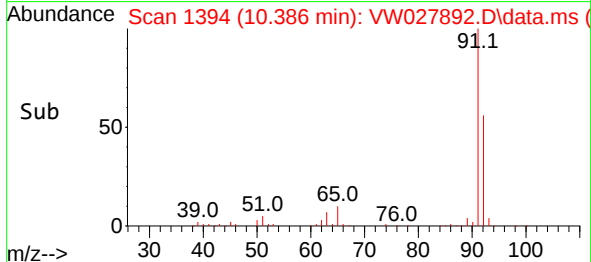
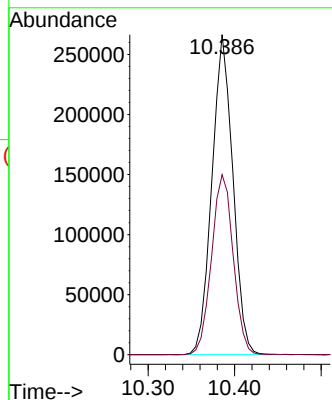
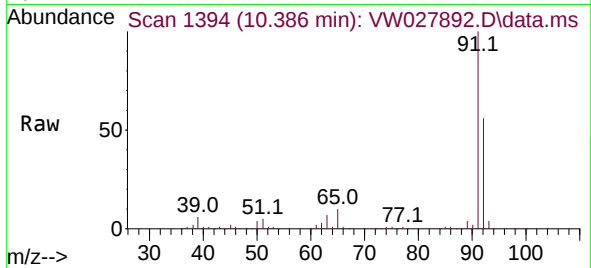




#42
Toluene
Concen: 27.163 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

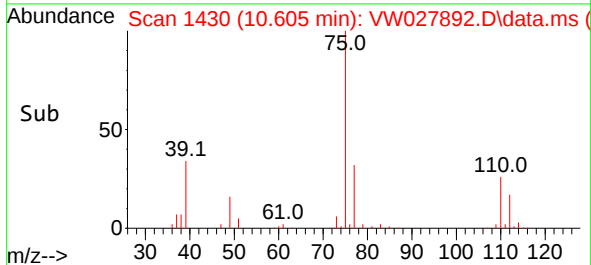
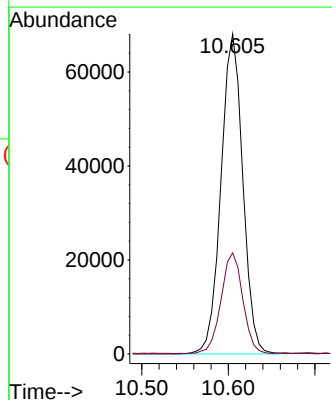
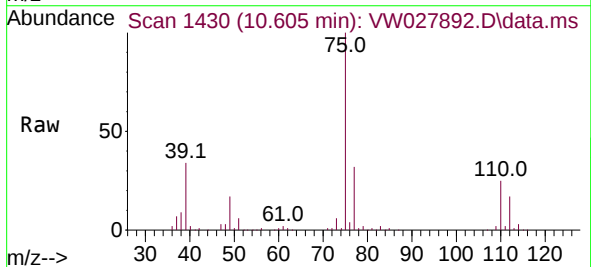
Instrument :
MSVOA_W
ClientSampleId :

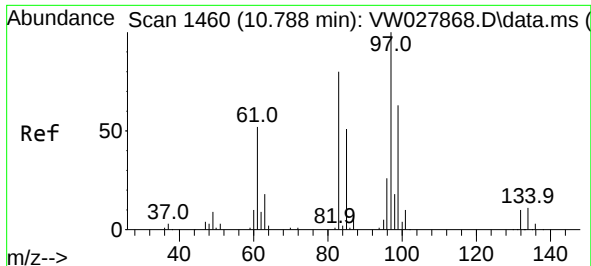
Tgt Ion: 91 Resp: 447699
Ion Ratio Lower Upper
91 100
92 56.2 43.5 80.7



#44
trans-1,3-Dichloropropene
Concen: 27.444 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

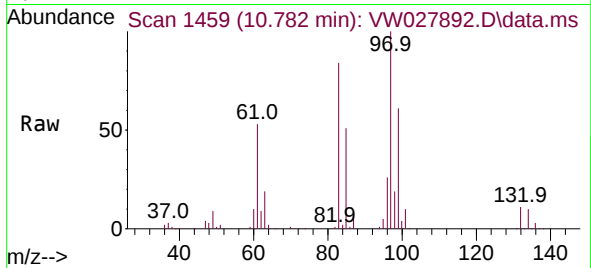
Tgt Ion: 75 Resp: 119097
Ion Ratio Lower Upper
75 100
77 31.6 21.8 40.4



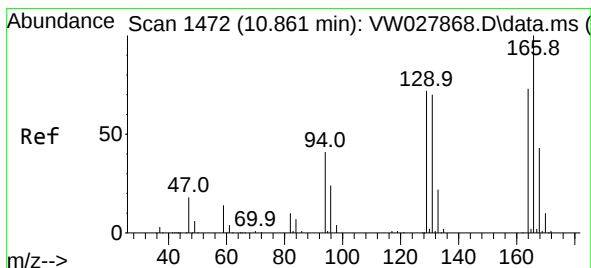
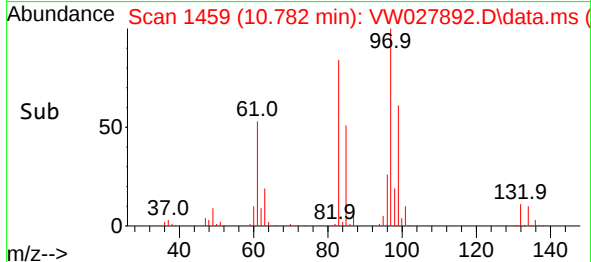
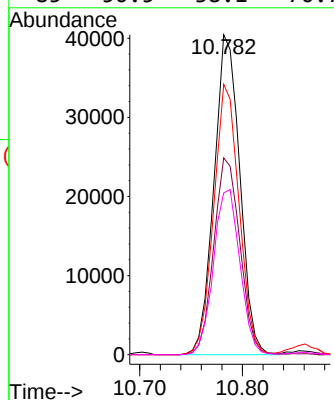


#45
1,1,2-Trichloroethane
Concen: 25.818 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

Instrument :
MSVOA_W
ClientSampleId :

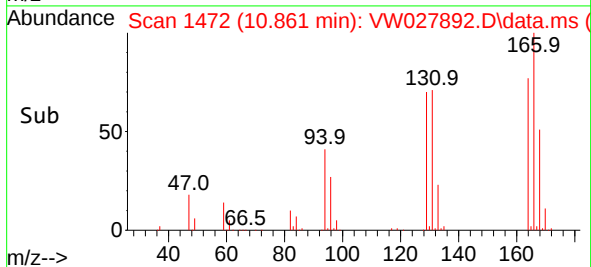
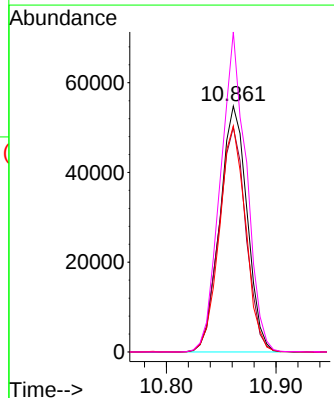
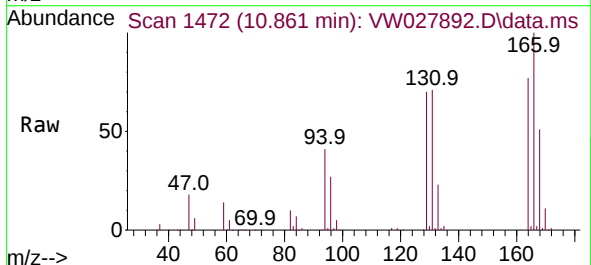


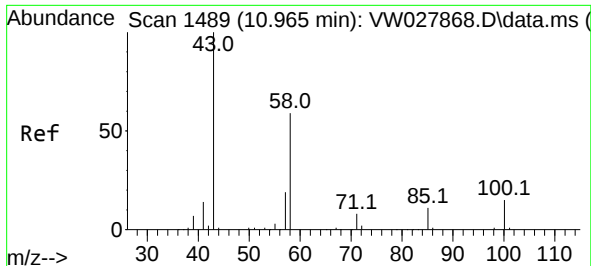
Tgt Ion: 97	Resp: 70570
Ion Ratio	Lower Upper
97 100	
99 61.5	42.1 78.3
83 84.5	58.4 108.4
85 50.5	38.1 70.7



#46
Tetrachloroethene
Concen: 28.168 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

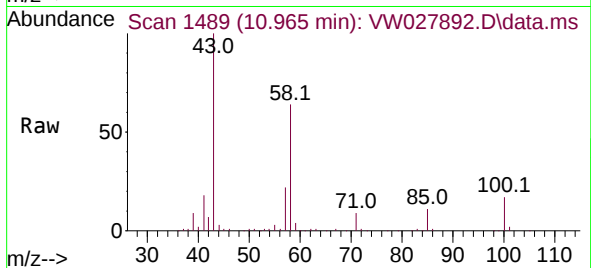
Tgt Ion: 164	Resp: 95075
Ion Ratio	Lower Upper
164 100	
129 91.4	62.7 116.5
131 91.9	57.3 106.5
166 130.1	82.0 152.4



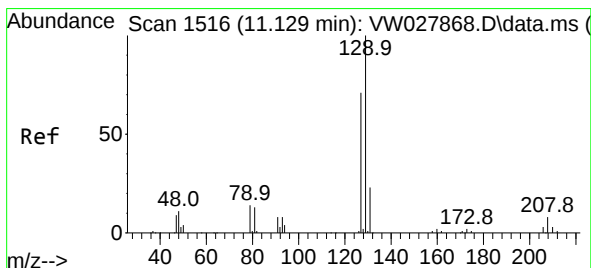
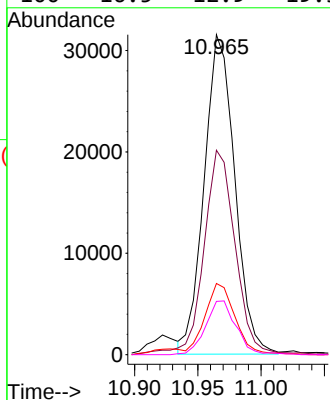
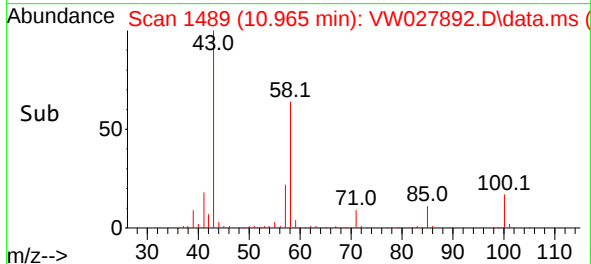


#48
2-Hexanone
Concen: 51.510 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

Instrument :
MSVOA_W
ClientSampleId :

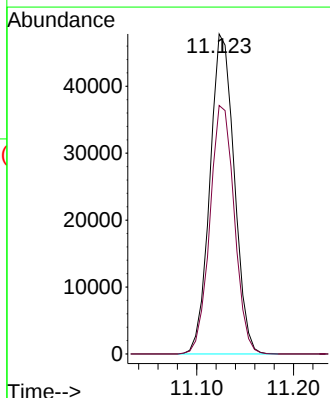
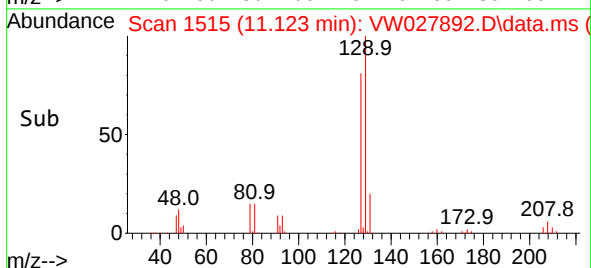
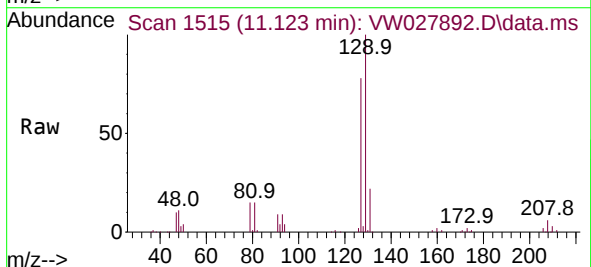


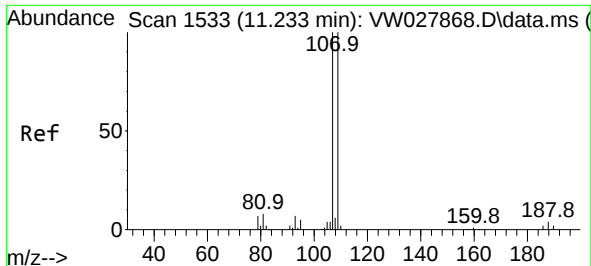
Tgt Ion: 43	Resp: 53079
Ion Ratio	Lower Upper
43 100	
58 65.4	49.3 73.9
57 21.9	17.0 25.4
100 16.5	12.9 19.3



#49
Dibromochloromethane
Concen: 28.029 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

Tgt Ion:129	Resp:	83714	
Ion	Ratio	Lower	Upper
129	100		
127	77.6	51.0	94.6





#50

1,2-Dibromoethane

Concen: 25.621 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027892.D

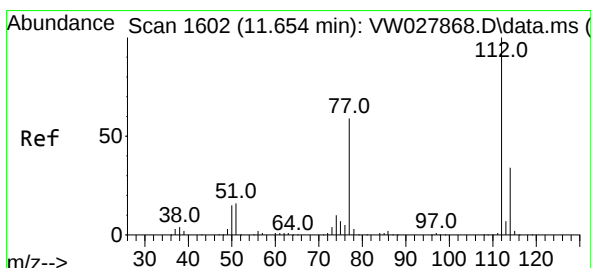
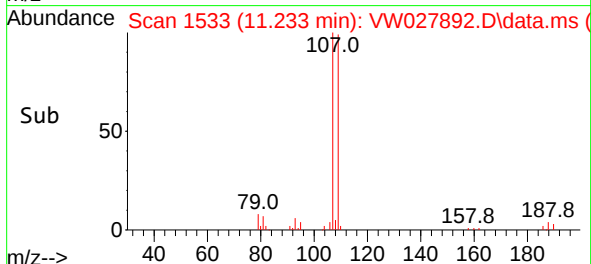
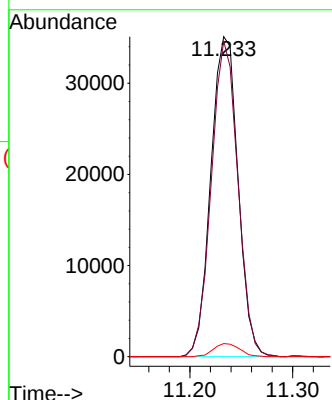
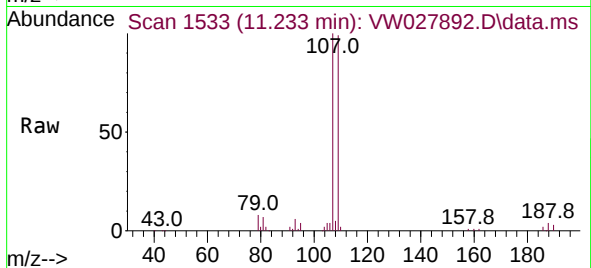
Acq: 01 Feb 2024 09:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	64546
Ion	Ratio	Lower	Upper
107	100		
109	98.6	69.3	128.7
188	4.1	3.0	4.4



#51

Chlorobenzene

Concen: 27.124 ug/L

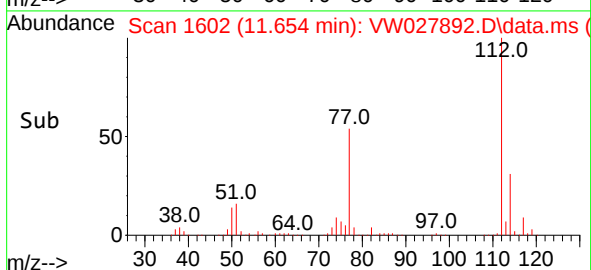
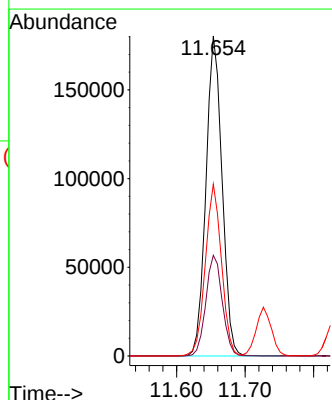
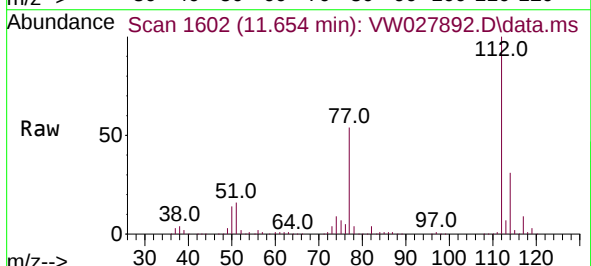
RT: 11.654 min Scan# 1602

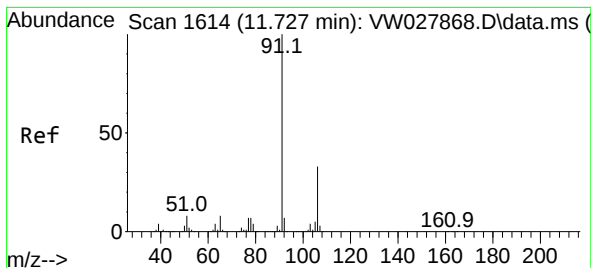
Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Tgt Ion:	112	Resp:	295197
Ion	Ratio	Lower	Upper
112	100		
114	31.4	21.3	39.6
77	53.7	44.5	66.7





#52

Ethylbenzene

Concen: 27.597 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Instrument :

MSVOA_W

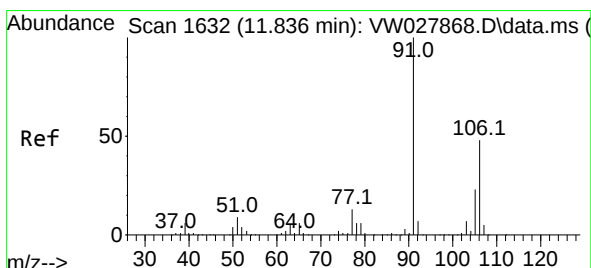
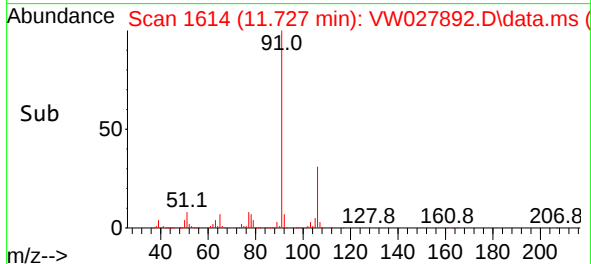
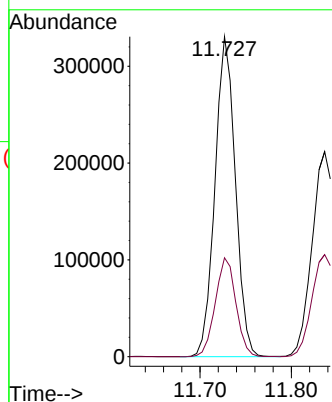
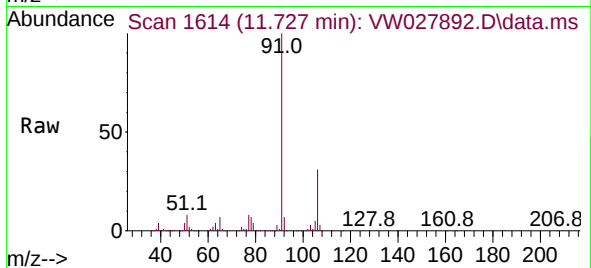
ClientSampleId :

Tgt Ion: 91 Resp: 512704

Ion Ratio Lower Upper

91 100

106 30.9 23.0 42.6



#53

m,p-Xylene

Concen: 27.667 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW027892.D

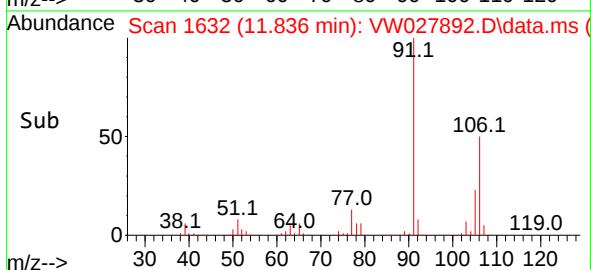
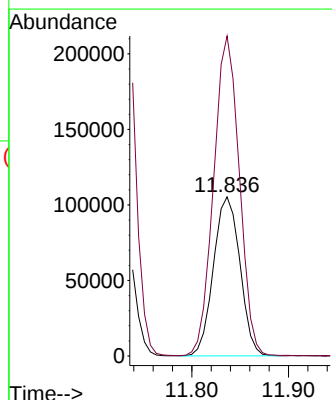
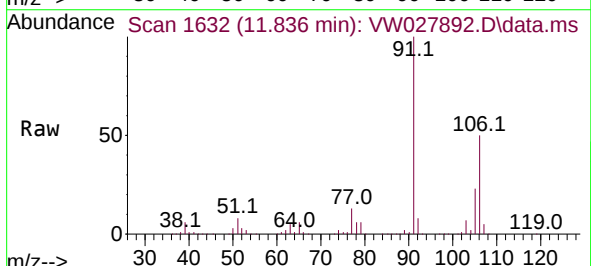
Acq: 01 Feb 2024 09:15

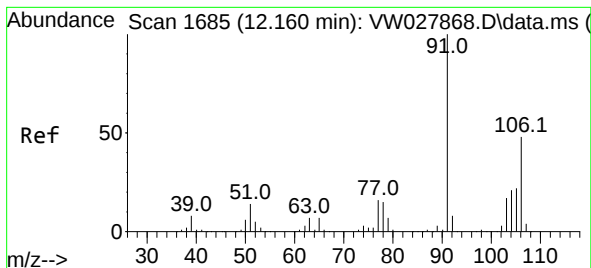
Tgt Ion:106 Resp: 200062

Ion Ratio Lower Upper

106 100

91 201.1 137.0 254.4





#54

o-Xylene

Concen: 26.502 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Instrument :

MSVOA_W

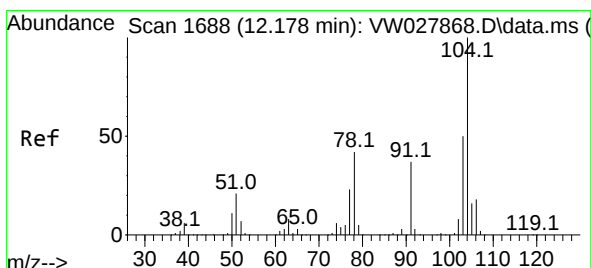
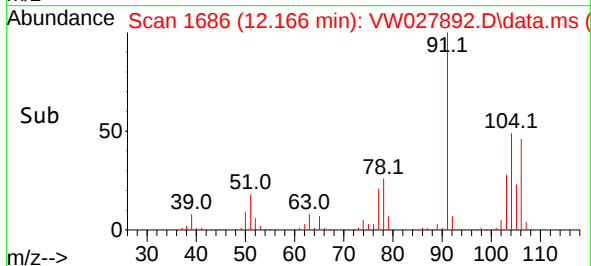
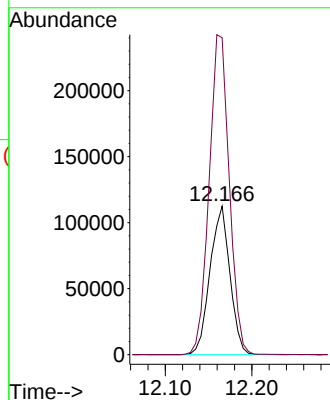
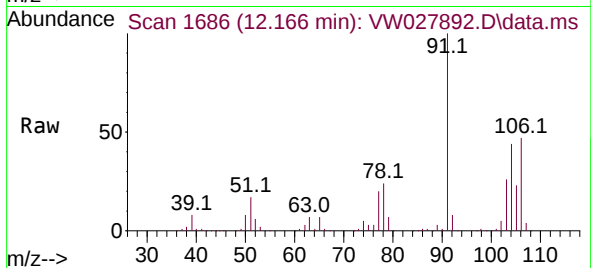
ClientSampleId :

Tgt Ion:106 Resp: 179511

Ion Ratio Lower Upper

106 100

91 213.4 146.4 271.8



#55

Styrene

Concen: 28.170 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027892.D

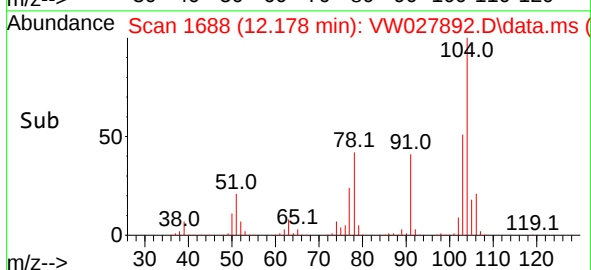
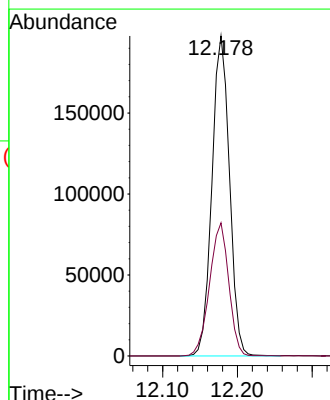
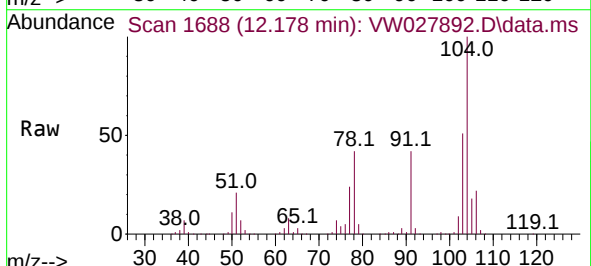
Acq: 01 Feb 2024 09:15

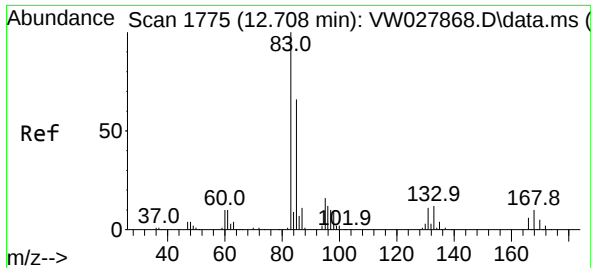
Tgt Ion:104 Resp: 322350

Ion Ratio Lower Upper

104 100

78 41.6 28.8 53.6

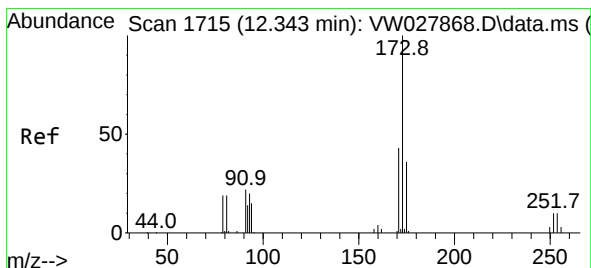
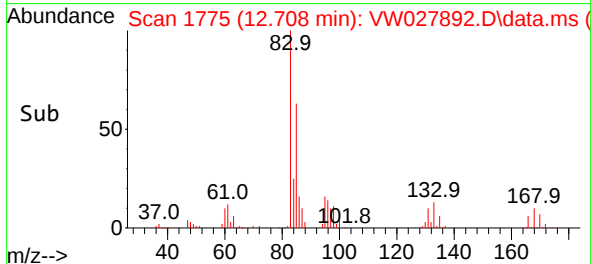
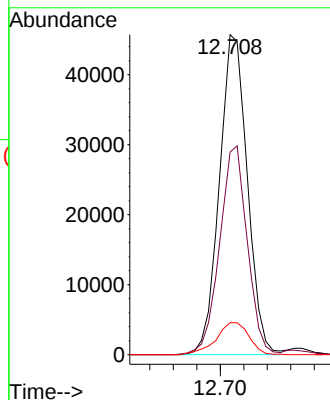
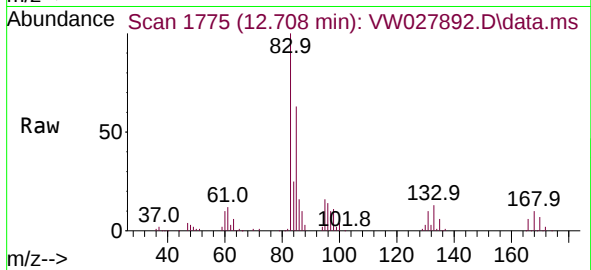




#57
1,1,2,2-Tetrachloroethane
Concen: 25.646 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

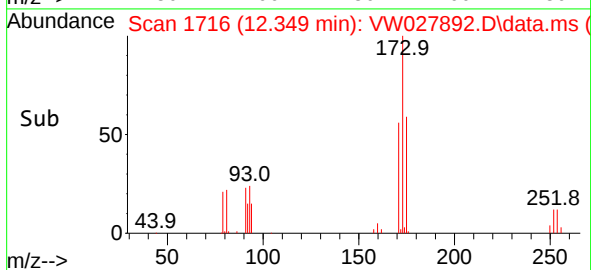
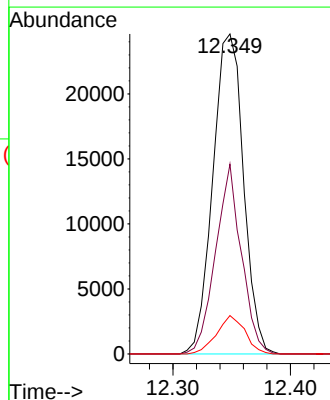
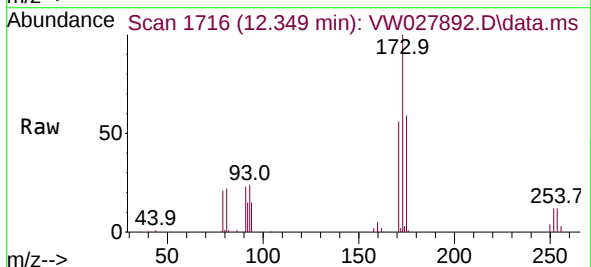
Instrument :
MSVOA_W
ClientSampleId :

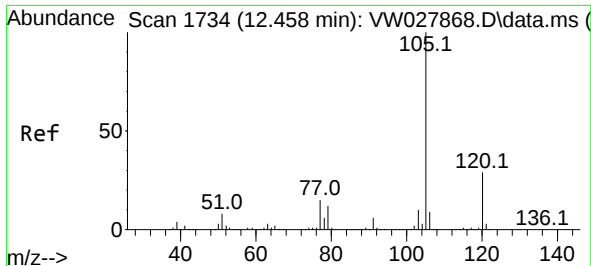
Tgt Ion: 83 Resp: 75575
Ion Ratio Lower Upper
83 100
85 63.4 43.2 80.2
131 10.0 8.2 12.2



#59
Bromoform
Concen: 25.487 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

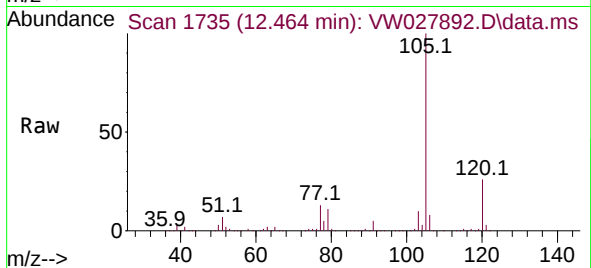
Tgt Ion:173 Resp: 44591
Ion Ratio Lower Upper
173 100
175 50.0 35.9 53.9
254 11.1 5.1 7.7#



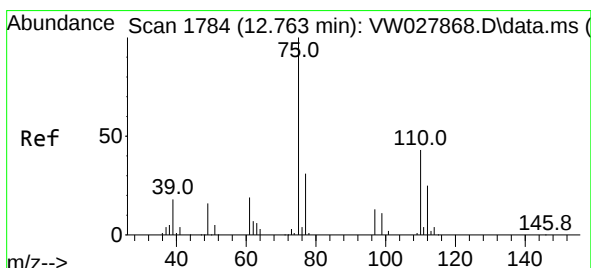
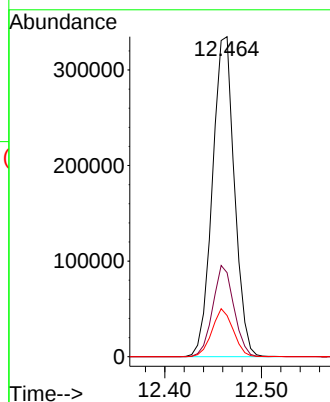
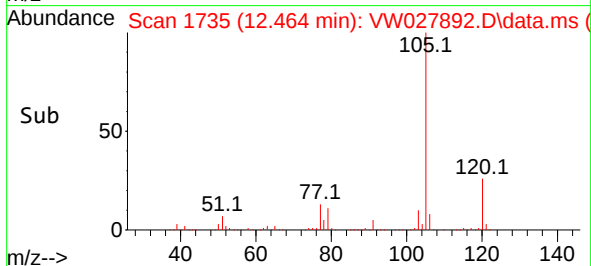


#60
Isopropylbenzene
Concen: 27.285 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

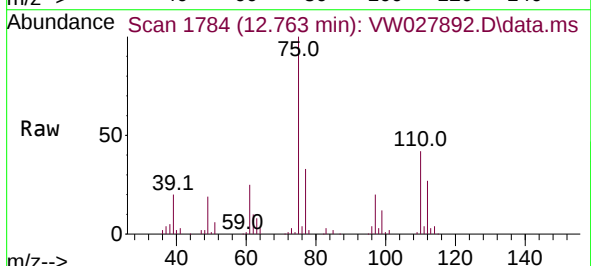
Instrument :
MSVOA_W
ClientSampleId :



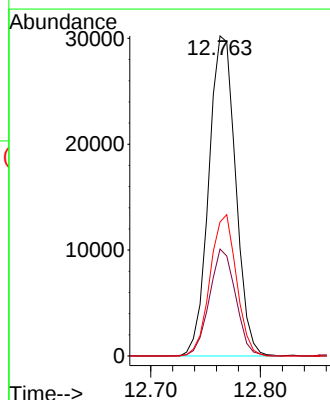
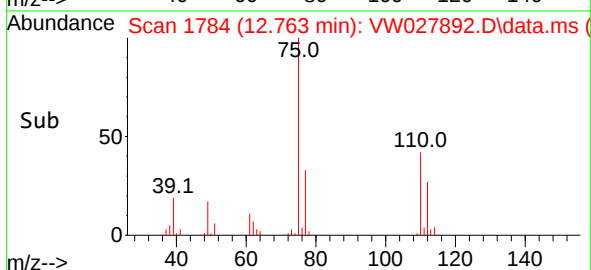
Tgt Ion:105 Resp: 528601
Ion Ratio Lower Upper
105 100
120 27.4 21.9 32.9
77 14.3 11.8 17.6

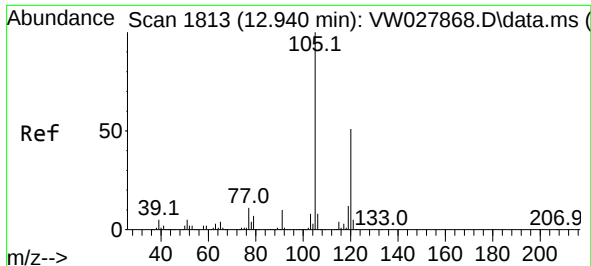


#61
1,2,3-Trichloropropane
Concen: 23.817 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15



Tgt Ion: 75 Resp: 51386
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
110 43.3 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 27.428 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Instrument :

MSVOA_W

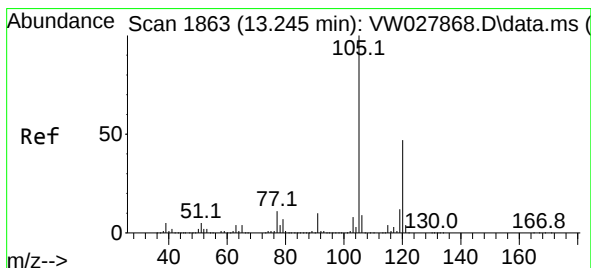
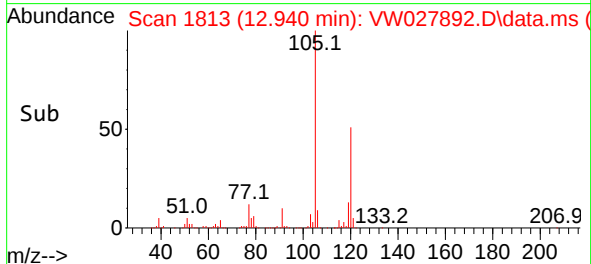
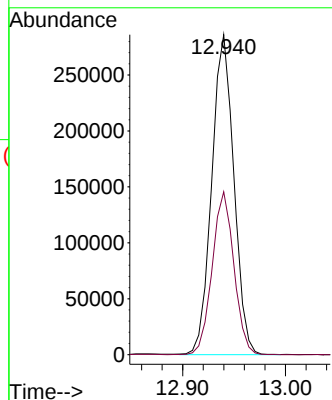
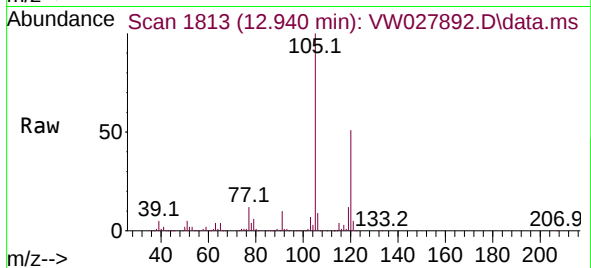
ClientSampleId :

Tgt Ion:105 Resp: 426899

Ion Ratio Lower Upper

105 100

120 49.9 41.2 61.8



#63

1,2,4-Trimethylbenzene

Concen: 26.744 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027892.D

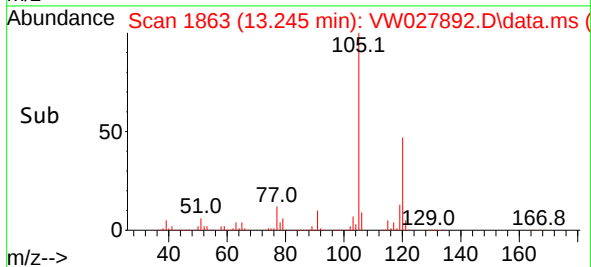
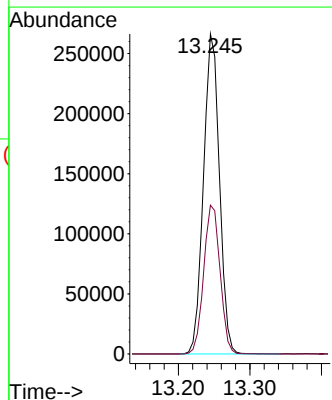
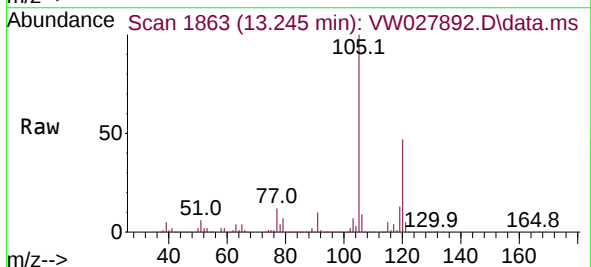
Acq: 01 Feb 2024 09:15

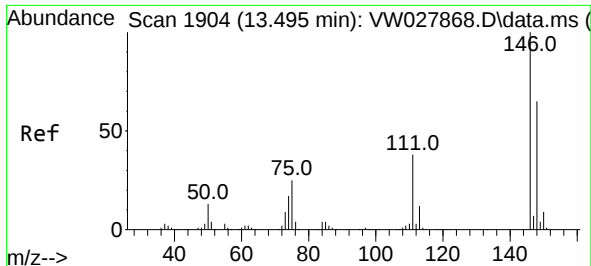
Tgt Ion:105 Resp: 413019

Ion Ratio Lower Upper

105 100

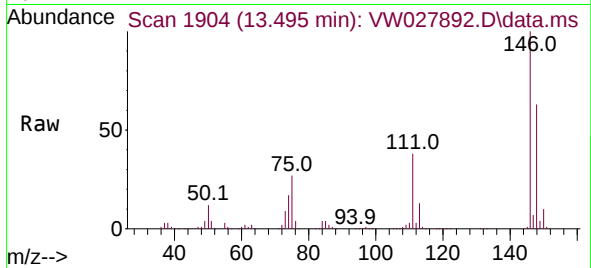
120 47.6 38.2 57.2



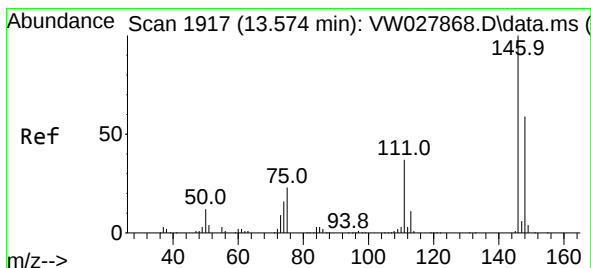
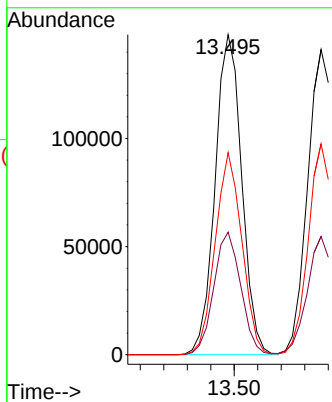
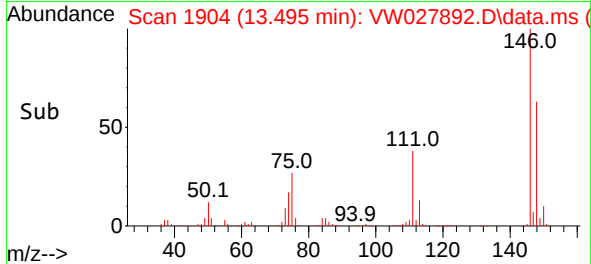


#64
1,3-Dichlorobenzene
Concen: 26.259 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15

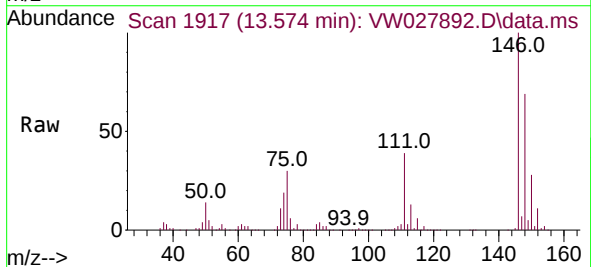
Instrument :
MSVOA_W
ClientSampleId :



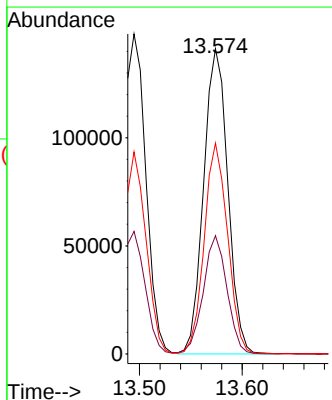
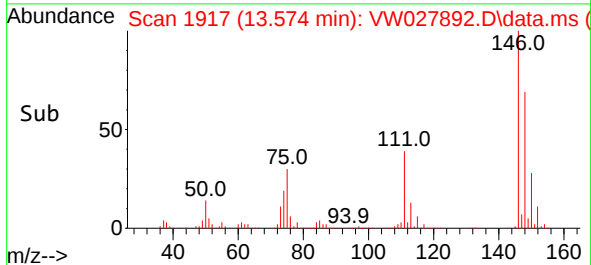
Tgt Ion:146 Resp: 233376
Ion Ratio Lower Upper
146 100
111 38.3 27.2 50.6
148 63.1 45.5 84.5

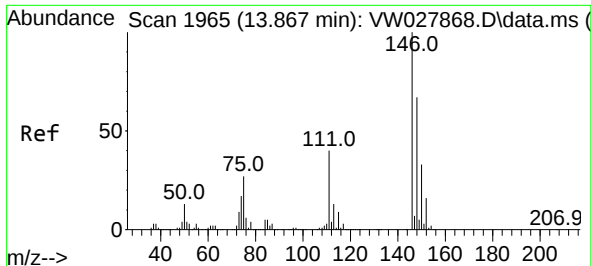


#65
1,4-Dichlorobenzene
Concen: 26.652 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027892.D
Acq: 01 Feb 2024 09:15



Tgt Ion:146 Resp: 231528
Ion Ratio Lower Upper
146 100
111 38.8 26.6 49.4
148 69.1 52.1 96.7





#67

1,2-Dichlorobenzene

Concen: 26.578 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Instrument :

MSVOA_W

ClientSampleId :

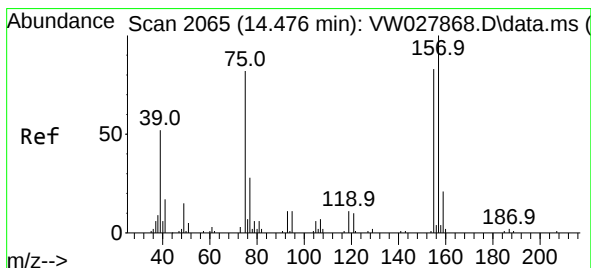
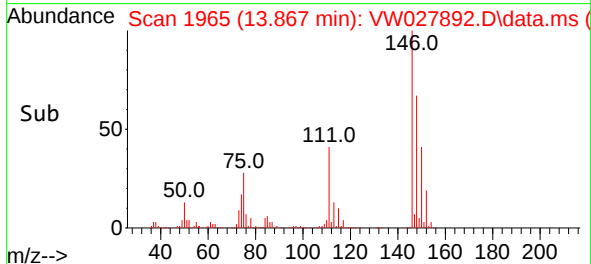
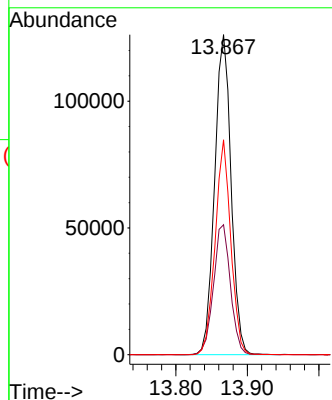
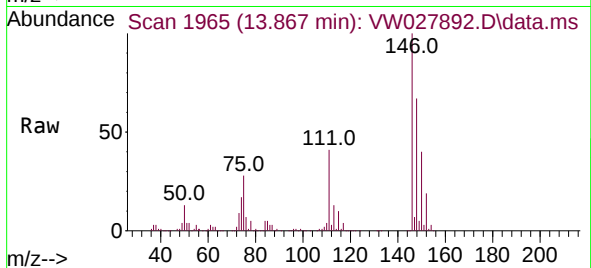
Tgt Ion:146 Resp: 201329

Ion Ratio Lower Upper

146 100

111 40.6 34.9 52.3

148 67.1 56.6 84.8



#68

1,2-Dibromo-3-chloropropane

Concen: 23.738 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

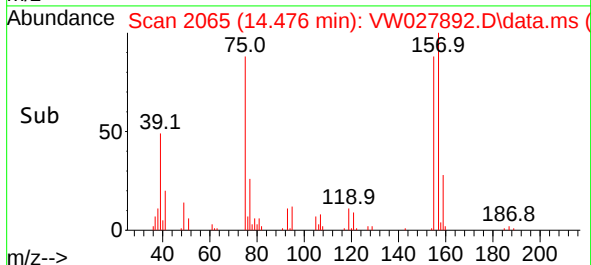
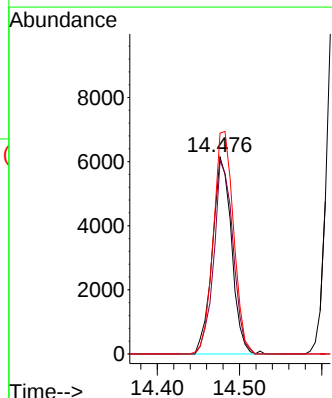
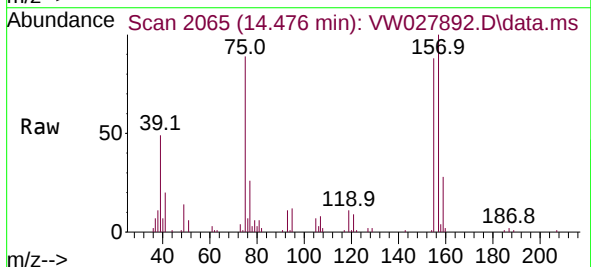
Tgt Ion: 75 Resp: 9995

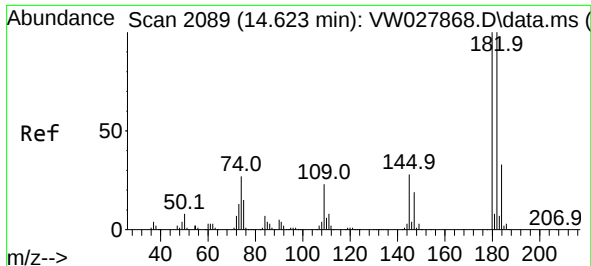
Ion Ratio Lower Upper

75 100

155 98.2 67.8 101.8

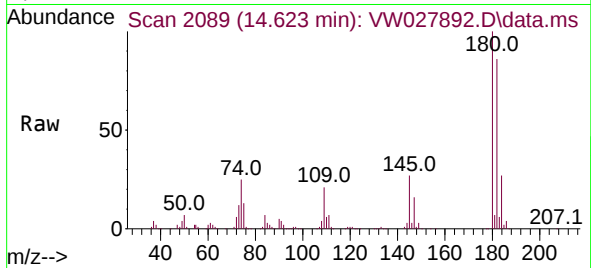
157 112.2 85.4 128.0



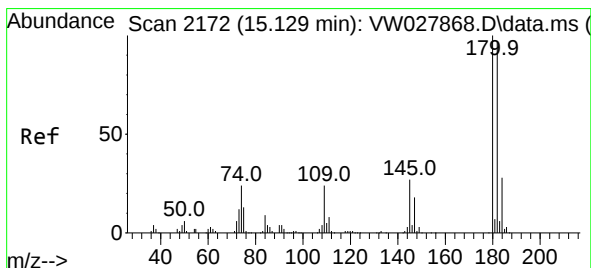
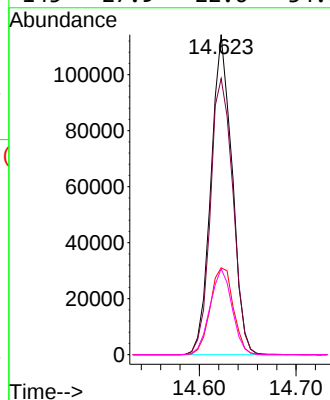
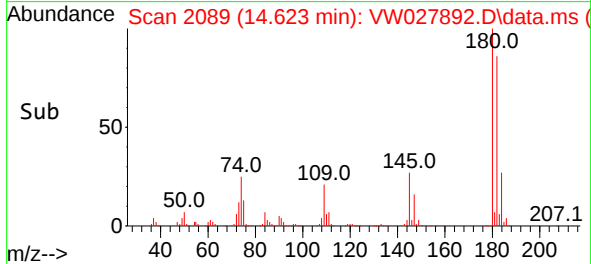


#69
 1,3,5-Trichlorobenzene
 Concen: 28.359 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW027892.D
 Acq: 01 Feb 2024 09:15

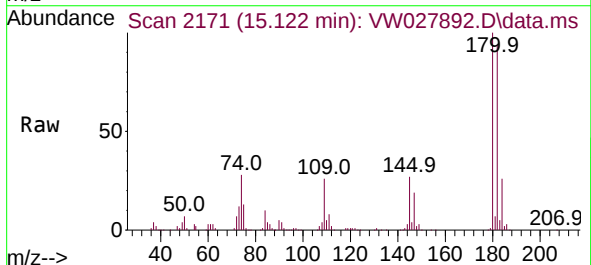
Instrument :
 MSVOA_W
 ClientSampleId :



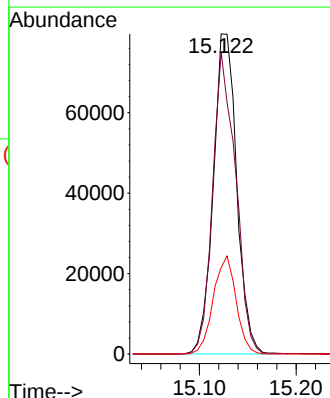
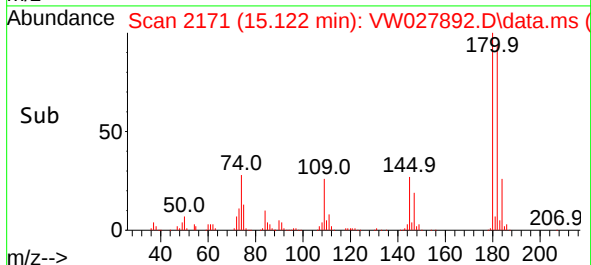
Tgt Ion:180 Resp: 173529
 Ion Ratio Lower Upper
 180 100
 182 91.7 72.6 109.0
 184 29.7 22.7 34.1
 145 27.9 22.6 34.0

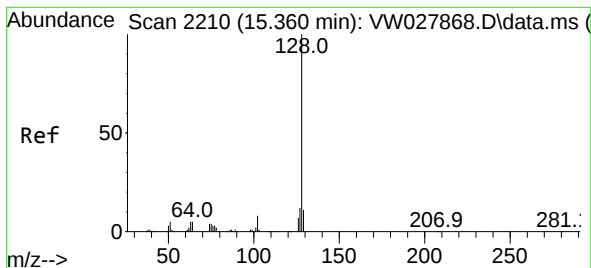


#70
 1,2,4-trichlorobenzene
 Concen: 26.655 ug/L
 RT: 15.122 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW027892.D
 Acq: 01 Feb 2024 09:15



Tgt Ion:180 Resp: 133923
 Ion Ratio Lower Upper
 180 100
 182 92.3 69.4 104.2
 145 29.7 23.4 35.2





#71

Naphthalene

Concen: 24.544 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Instrument :

MSVOA_W

ClientSampleId :

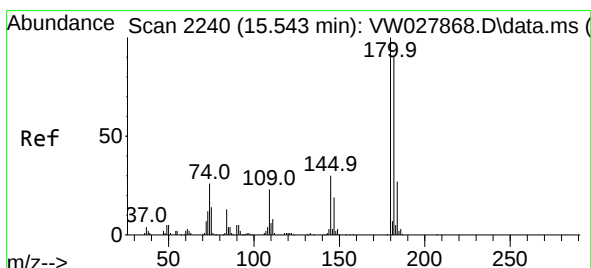
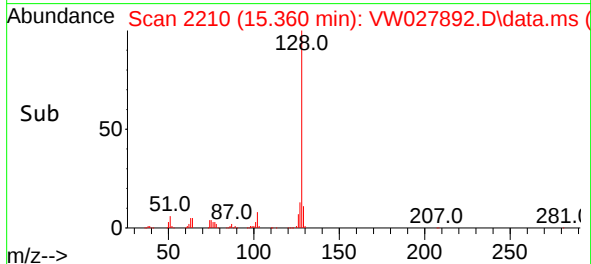
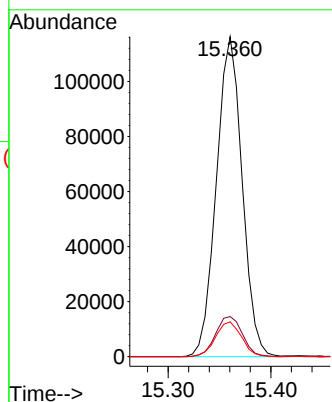
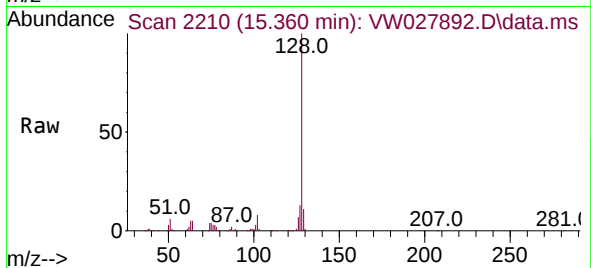
Tgt Ion:128 Resp: 202567

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 26.151 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW027892.D

Acq: 01 Feb 2024 09:15

Tgt Ion:180 Resp: 110497

Ion Ratio Lower Upper

180 100

182 95.1 74.7 112.1

145 31.6 25.0 37.6

