

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021524\
 Data File : VW028014.D
 Acq On : 15 Feb 2024 09:45
 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 15 20:50:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 15 00:29:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	281380	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	250227	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	128870	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	65820	19.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.880%
7) Chloroethane-d5	2.905	69	57347	22.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.760%
11) 1,1-Dichloroethene-d2	4.021	65	30256	21.456	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.840%
21) 2-Butanone-d5	7.075	46	27594	53.887	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.780%
24) Chloroform-d	7.654	84	152019	23.106	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.440%
26) 1,2-Dichloroethane-d4	8.307	65	70195	23.623	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.480%
32) Benzene-d6	8.276	84	308353	23.032	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.120%
36) 1,2-Dichloropropane-d6	9.276	67	81085	22.338	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.360%
41) Toluene-d8	10.325	98	294747	23.010	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.040%
43) trans-1,3-Dichloroprop...	10.575	79	35609	23.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.400%
47) 2-Hexanone-d5	10.922	63	25921	52.499	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	68284	25.168	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	105749	24.143	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	56965	23.509	ug/L	97
3) Chloromethane	2.222	50	52402	19.692	ug/L	100
5) Vinyl chloride	2.375	62	78443	21.749	ug/L	99
6) Bromomethane	2.796	94	56448	22.149	ug/L	99
8) Chloroethane	2.942	64	49809	24.442	ug/L	93
9) Trichlorofluoromethane	3.271	101	74780	22.813	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	77416	23.431	ug/L	95
12) 1,1-Dichloroethene	4.051	96	71120	23.139	ug/L	86
13) Acetone	4.125	43	30963	62.183	ug/L	96
14) Carbon disulfide	4.393	76	190853	20.974	ug/L	99
15) Methyl Acetate	4.667	43	21142	25.505	ug/L	99
16) Methylene chloride	4.923	84	76200	21.666	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	75247	22.786	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	100921	25.779	ug/L	100
19) 1,1-Dichloroethane	6.222	63	129398	24.121	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	85531	24.528	ug/L	94
22) 2-Butanone	7.167	43	33742	58.704	ug/L	99
23) Bromochloromethane	7.514	128	39253	25.341	ug/L	85
25) Chloroform	7.679	83	142967	24.790	ug/L	97

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 QLast Update : Thu Feb 15 00:29:03 2024
 Response via : Initial Calibration

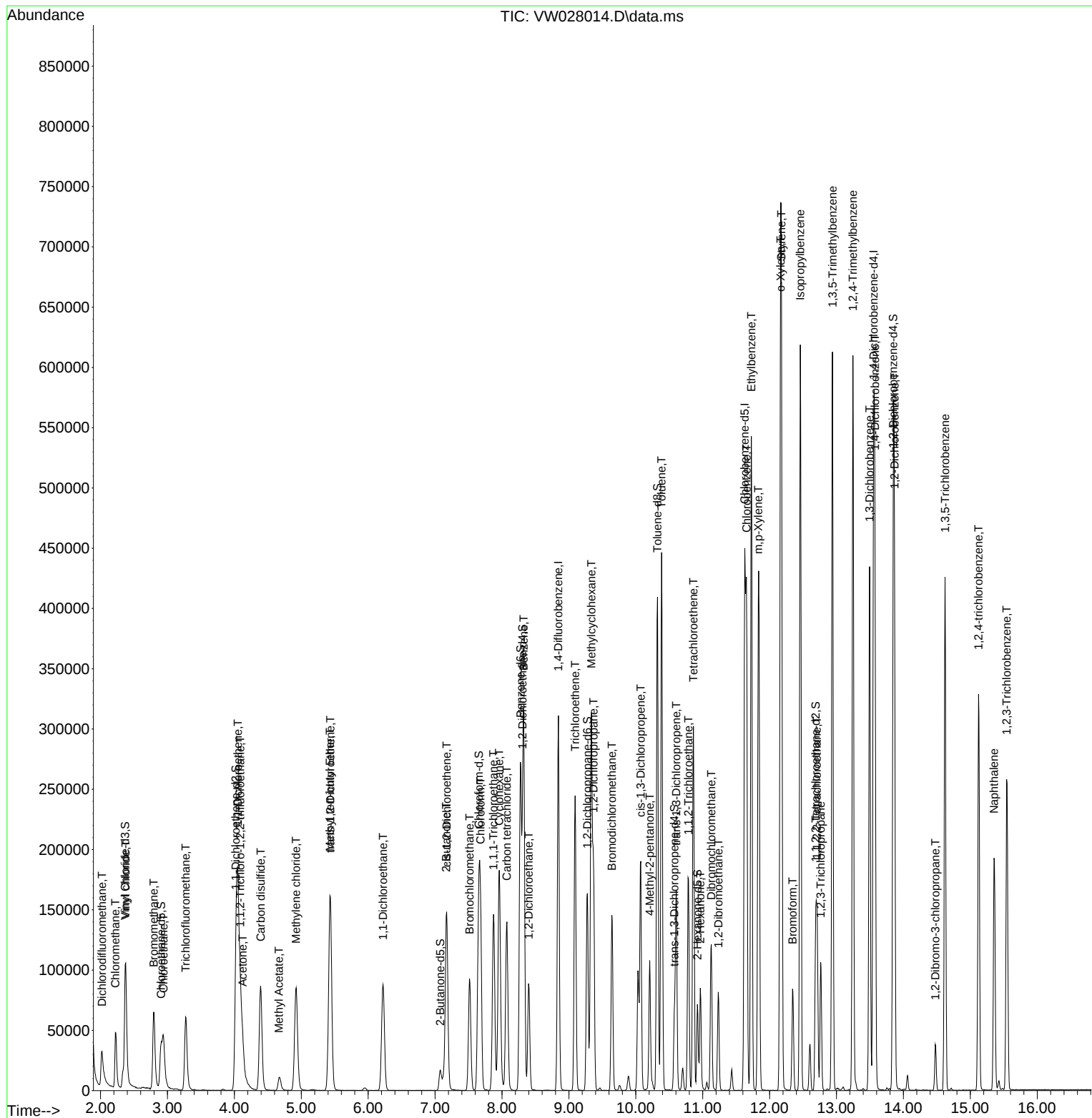
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	82388	25.653	ug/L	96
29) Cyclohexane	7.959	56	106199	23.812	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	123871	25.644	ug/L	99
31) Carbon tetrachloride	8.069	117	116456	26.060	ug/L	98
33) Benzene	8.325	78	298954	23.920	ug/L	100
34) Trichloroethene	9.093	95	85146	23.732	ug/L	92
35) Methylcyclohexane	9.337	83	139618	23.648	ug/L	98
37) 1,2-Dichloropropane	9.368	63	71017	24.181	ug/L	99
38) Bromodichloromethane	9.642	83	101683	25.939	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	119608	25.409	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	62220	56.131	ug/L	99
42) Toluene	10.386	91	337340	24.074	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	97748	26.163	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	59071	25.411	ug/L	97
46) Tetrachloroethene	10.861	164	69128	22.898	ug/L	87
48) 2-Hexanone	10.965	43	47759	56.883	ug/L	99
49) Dibromochloromethane	11.129	129	68705	25.925	ug/L	95
50) 1,2-Dibromoethane	11.233	107	55552	25.603	ug/L	96
51) Chlorobenzene	11.654	112	229552	24.630	ug/L	97
52) Ethylbenzene	11.727	91	391316	24.768	ug/L	98
53) m,p-Xylene	11.831	106	149306	24.097	ug/L	91
54) o-Xylene	12.166	106	145642	25.063	ug/L	100
55) Styrene	12.178	104	247761	25.597	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	65037	26.127	ug/L	97
59) Bromoform	12.343	173	41928	27.565	ug/L	96
60) Isopropylbenzene	12.458	105	420143	26.111	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	46089	26.798	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	341767	26.542	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	334997	26.587	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	189697	25.663	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	185906	24.736	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	169132	25.906	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	9541	27.942	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	135197	25.471	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	116883	27.269	ug/L	96
71) Naphthalene	15.354	128	181261	27.214	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	93810	26.233	ug/L	99

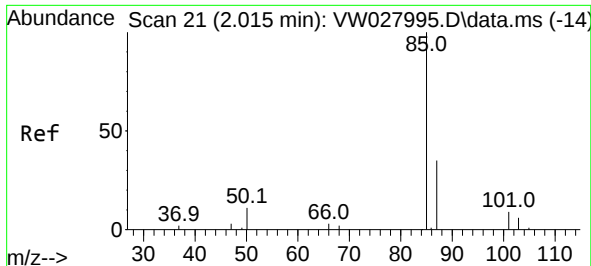
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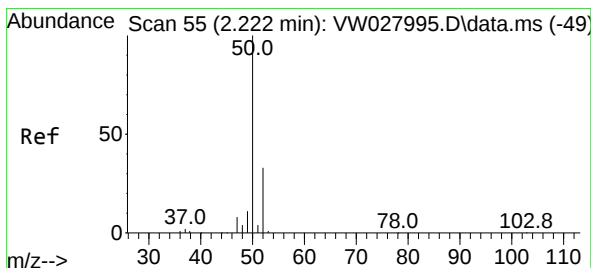
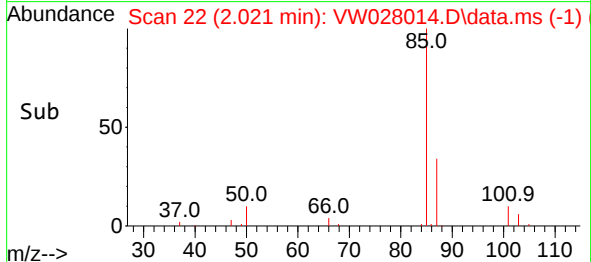
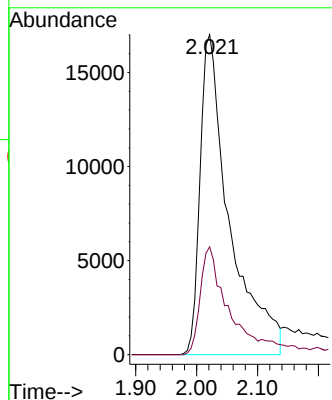
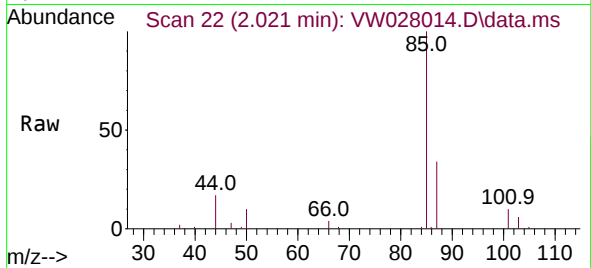




#2
 Dichlorodifluoromethane
 Concen: 23.509 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW028014.D
 Acq: 15 Feb 2024 09:45

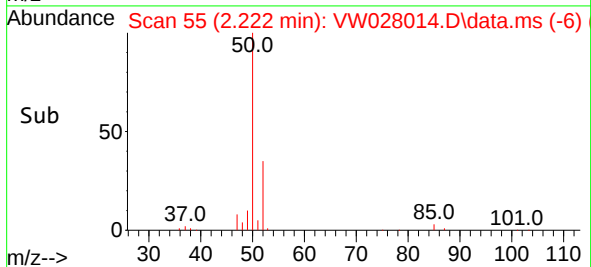
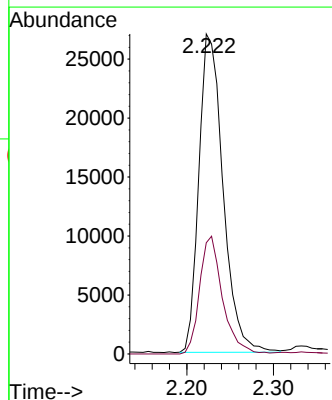
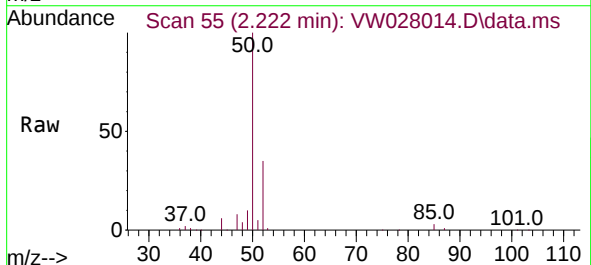
Instrument :
 MSVOA_W
 ClientSampleId :

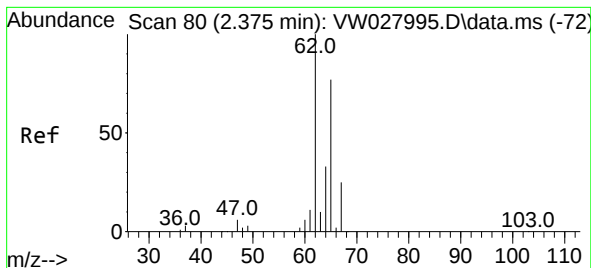
Tgt Ion: 85 Resp: 56965
 Ion Ratio Lower Upper
 85 100
 87 30.1 25.3 37.9



#3
 Chloromethane
 Concen: 19.692 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028014.D
 Acq: 15 Feb 2024 09:45

Tgt Ion: 50 Resp: 52402
 Ion Ratio Lower Upper
 50 100
 52 34.8 24.3 45.1





#5

Vinyl chloride

Concen: 21.749 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

Instrument :

MSVOA_W

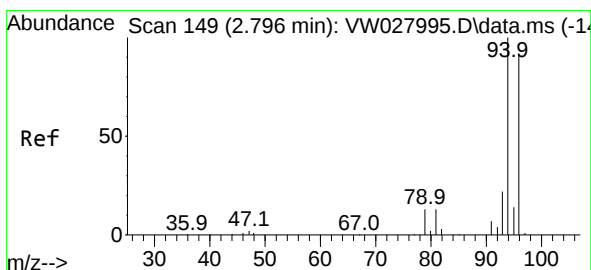
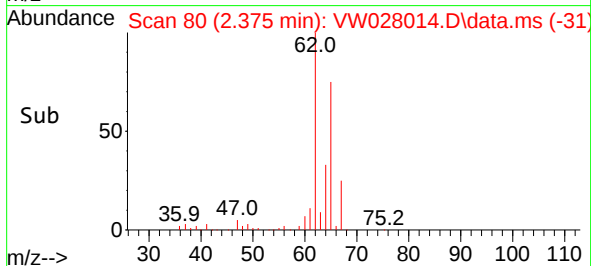
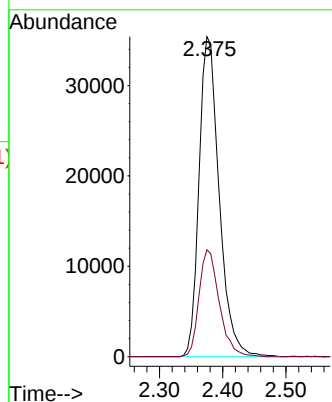
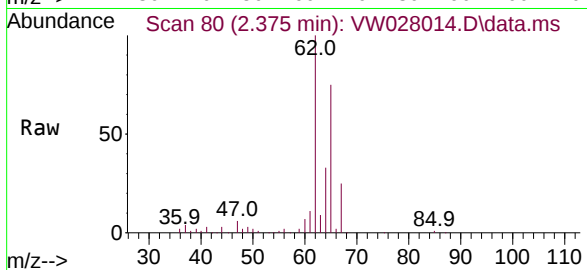
ClientSampleId :

Tgt Ion: 62 Resp: 78443

Ion Ratio Lower Upper

62 100

64 33.4 23.0 42.6



#6

Bromomethane

Concen: 22.149 ug/L

RT: 2.796 min Scan# 149

Delta R.T. -0.000 min

Lab File: VW028014.D

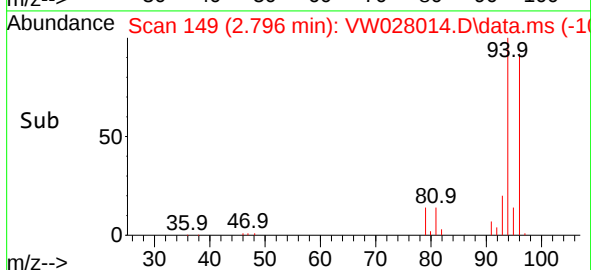
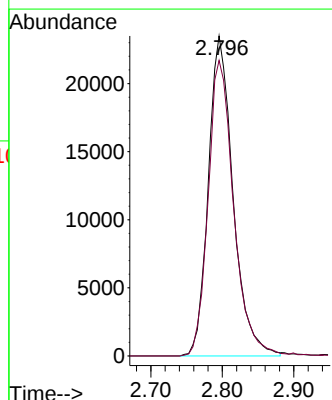
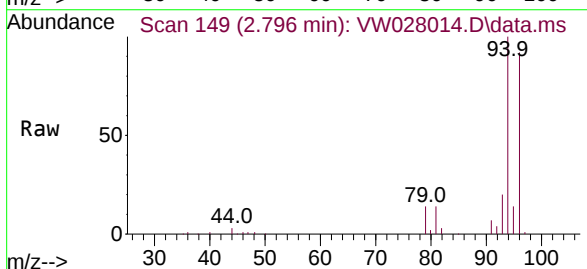
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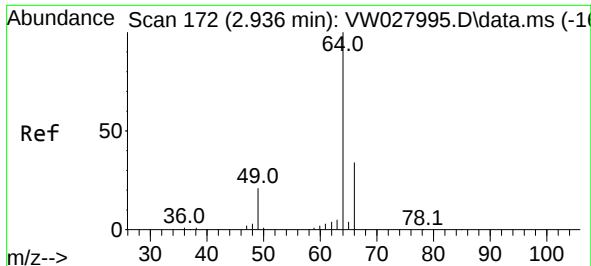
Tgt Ion: 94 Resp: 56448

Ion Ratio Lower Upper

94 100

96 92.4 65.3 121.3

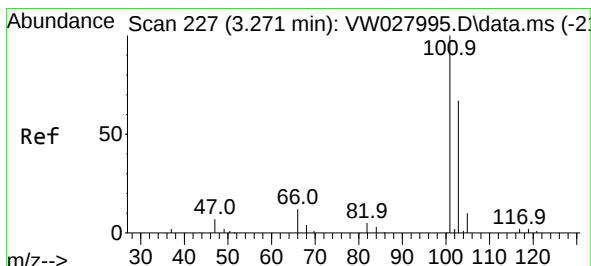
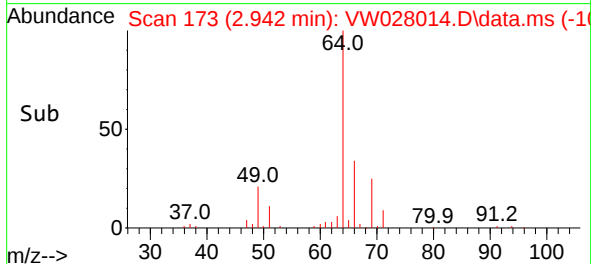
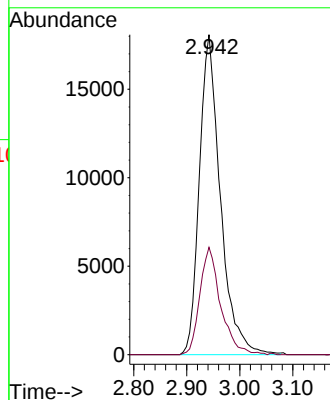
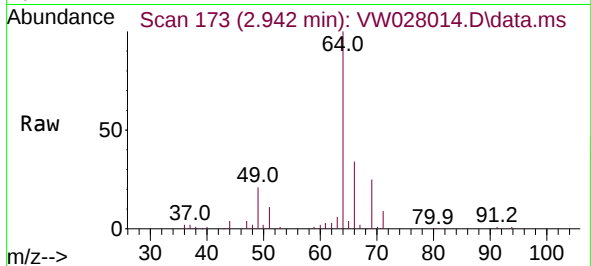




#8
Chloroethane
Concen: 24.442 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

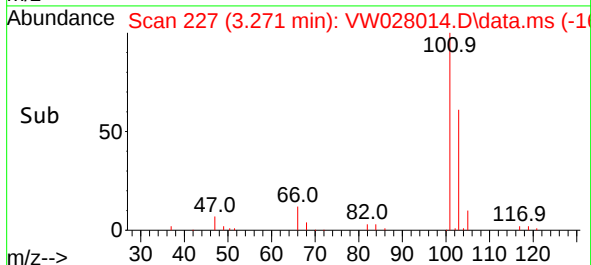
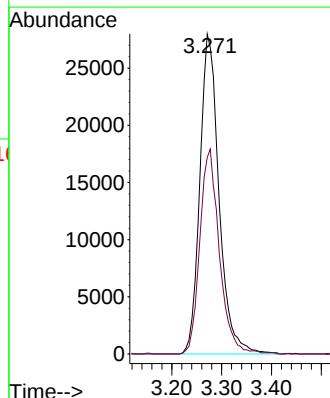
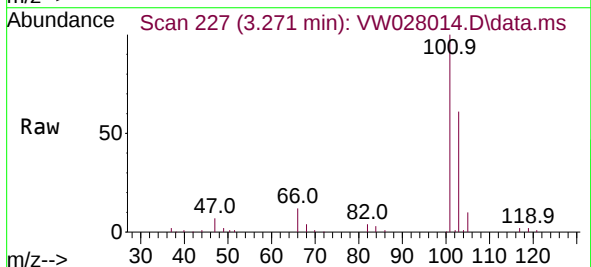
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MSVOA_W
ClientSampleId :

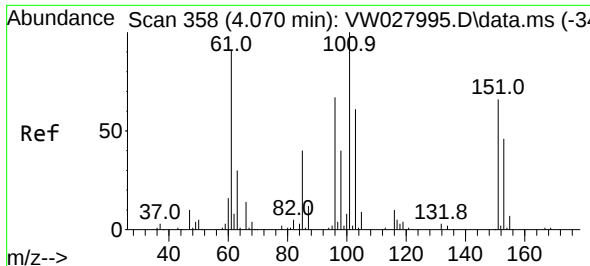
Tgt Ion: 64 Resp: 49809
Ion Ratio Lower Upper
64 100
66 33.6 20.9 38.7



#9
Trichlorofluoromethane
Concen: 22.813 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

Tgt Ion:101 Resp: 74780
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

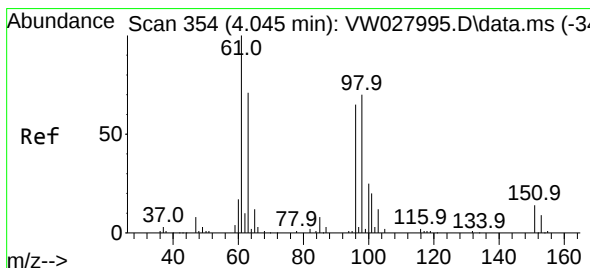
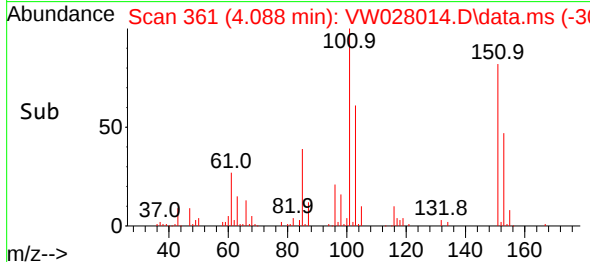
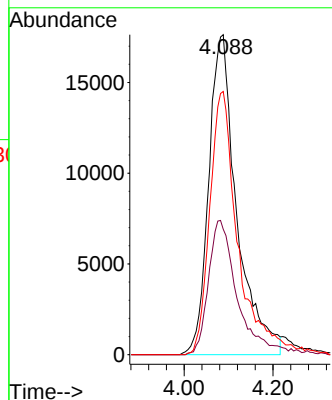
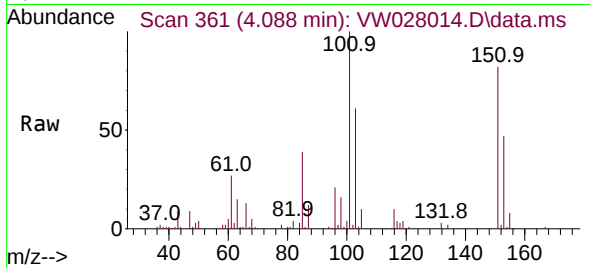




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.431 ug/L
 RT: 4.088 min Scan# 358
 Delta R.T. 0.018 min
 Lab File: VW028014.D
 Acq: 15 Feb 2024 09:45

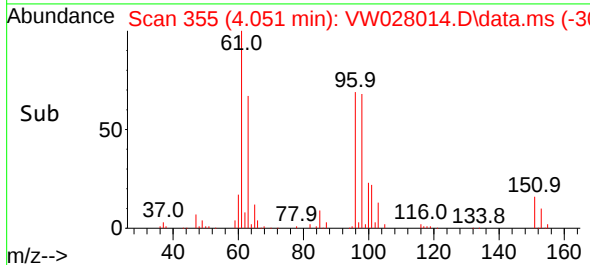
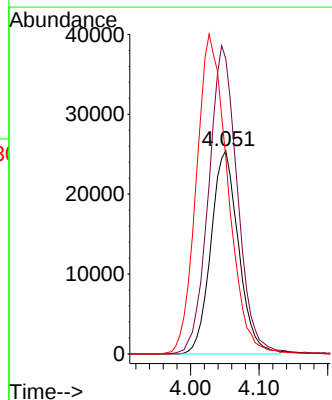
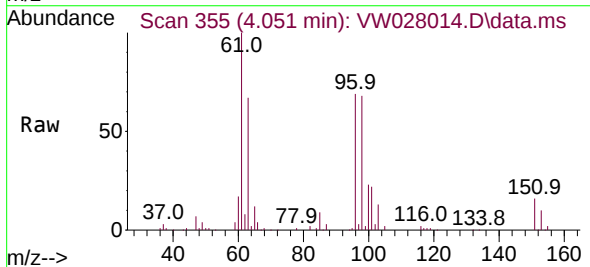
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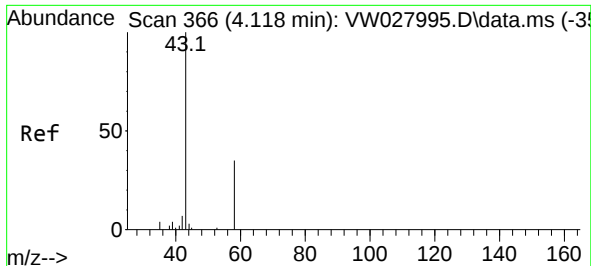
Tgt Ion:101 Resp: 77416
 Ion Ratio Lower Upper
 101 100
 85 41.4 33.8 50.6
 151 71.9 62.6 93.8



#12
 1,1-Dichloroethene
 Concen: 23.139 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW028014.D
 Acq: 15 Feb 2024 09:45

Tgt Ion: 96 Resp: 71120
 Ion Ratio Lower Upper
 96 100
 61 145.2 107.4 199.4
 63 96.7 86.0 159.6





#13

Acetone

Concen: 62.183 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

Instrument :

MSVOA_W

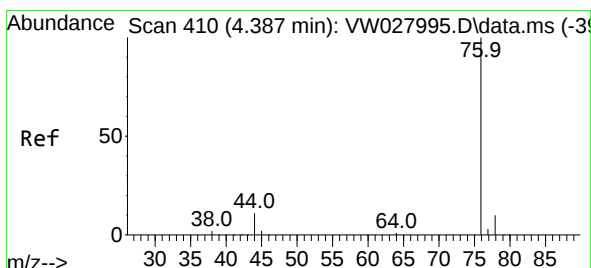
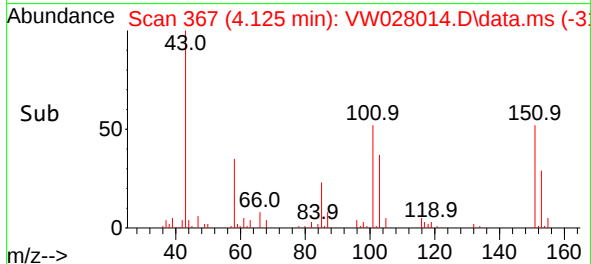
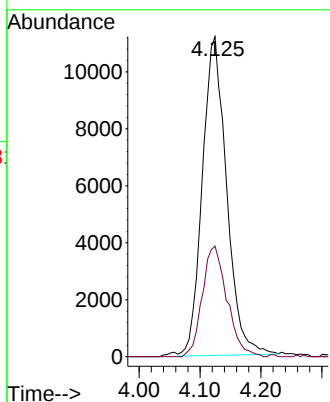
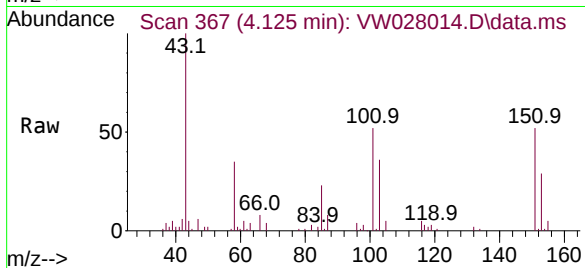
ClientSampleId :

Tgt Ion: 43 Resp: 30963

Ion Ratio Lower Upper

43 100

58 35.3 0.0 66.0



#14

Carbon disulfide

Concen: 20.974 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW028014.D

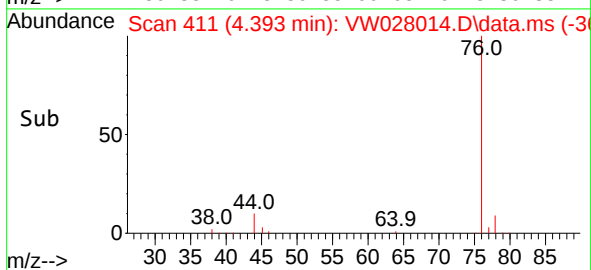
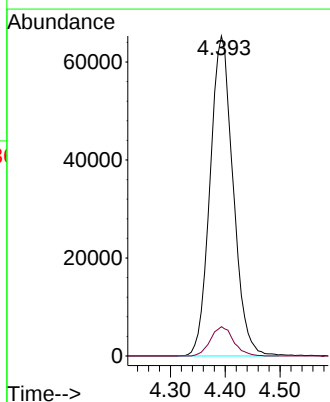
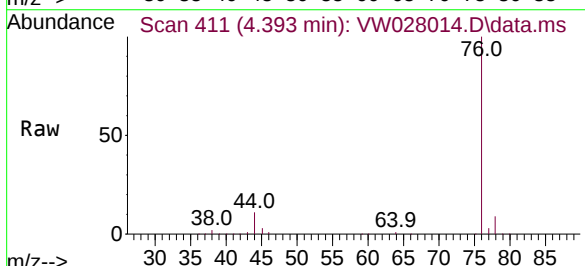
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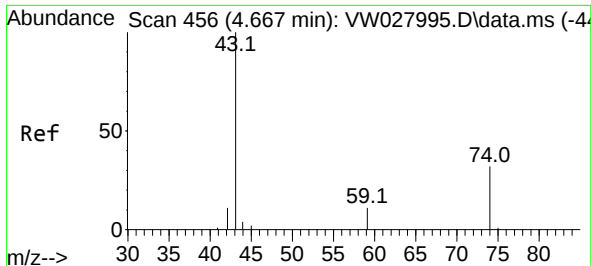
Tgt Ion: 76 Resp: 190853

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

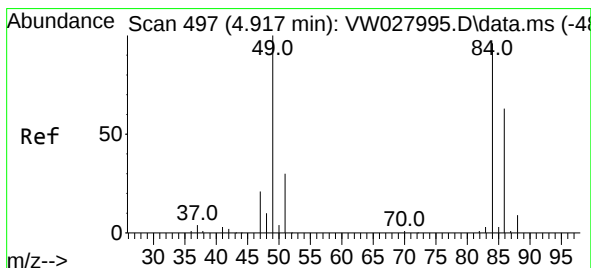
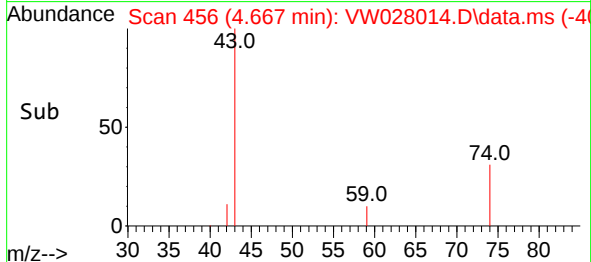
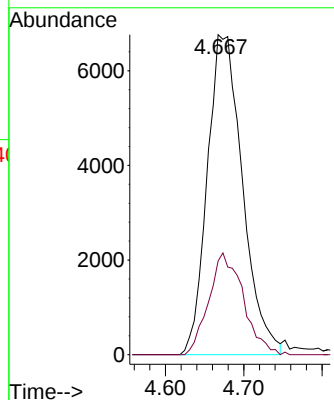
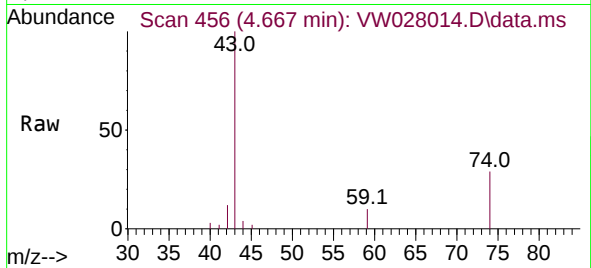




#15
Methyl Acetate
Concen: 25.505 ug/L
RT: 4.667 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

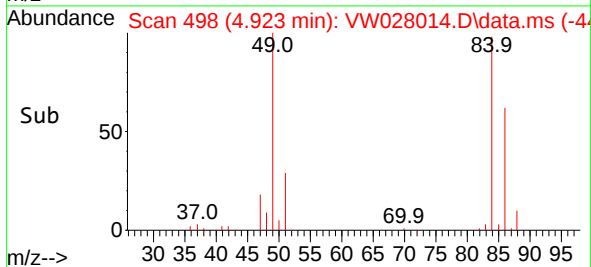
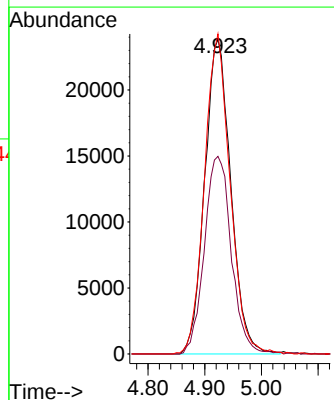
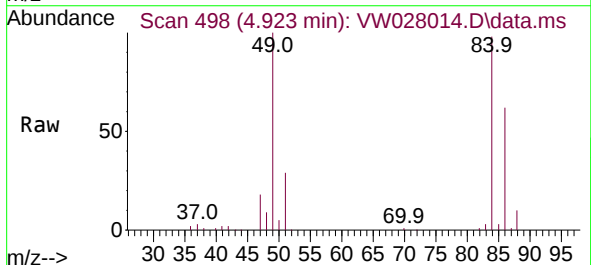
Instrument :
MSVOA_W
ClientSampleId :

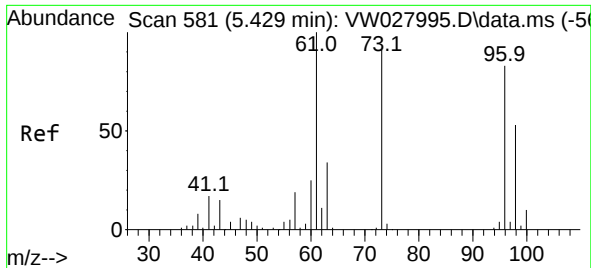
Tgt Ion: 43 Resp: 21142
Ion Ratio Lower Upper
43 100
74 30.9 24.2 36.2



#16
Methylene chloride
Concen: 21.666 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

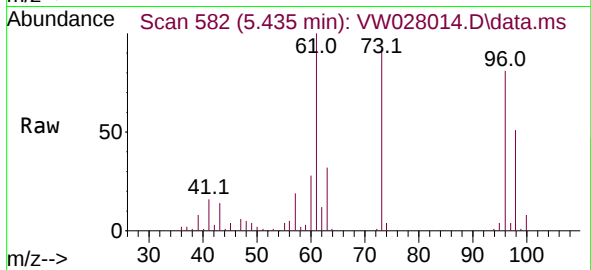
Tgt Ion: 84 Resp: 76200
Ion Ratio Lower Upper
84 100
86 62.8 45.4 84.4
49 101.7 66.3 123.1





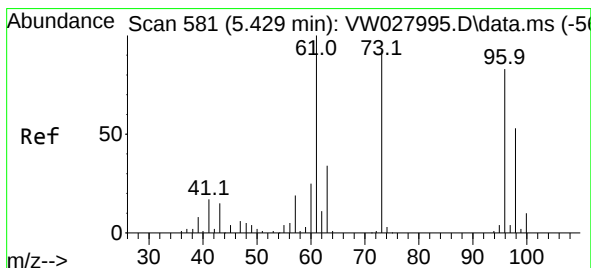
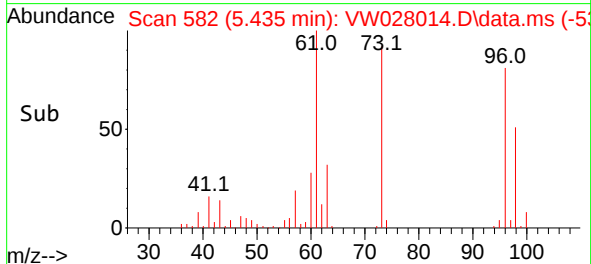
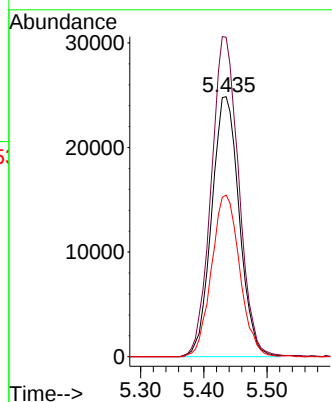
#17
trans-1,2-Dichloroethene
Concen: 22.786 ug/L
RT: 5.435 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 75247

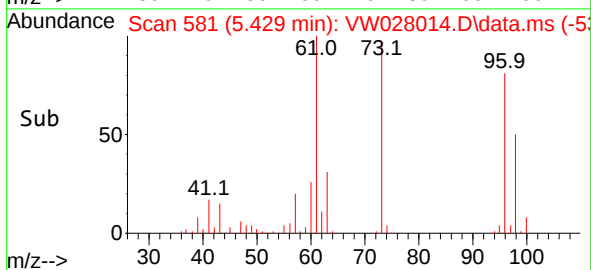
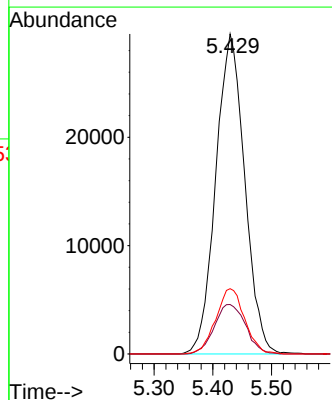
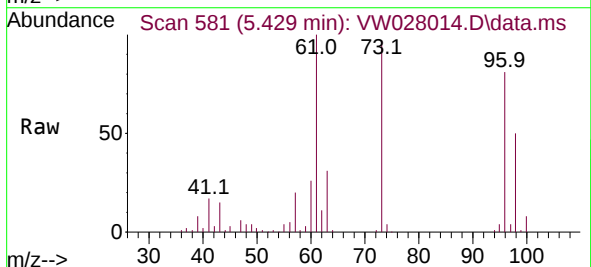
Ion	Ratio	Lower	Upper
96	100		
61	122.9	80.1	148.7
98	62.1	43.8	81.4

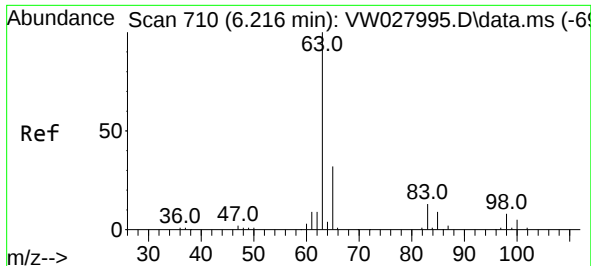


#18
Methyl tert-butyl Ether
Concen: 25.779 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

Tgt Ion: 73 Resp: 100921

Ion	Ratio	Lower	Upper
73	100		
43	16.7	13.4	20.0
57	20.2	16.3	24.5





#19

1,1-Dichloroethane

Concen: 24.121 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

Instrument :

MSVOA_W

ClientSampleId :

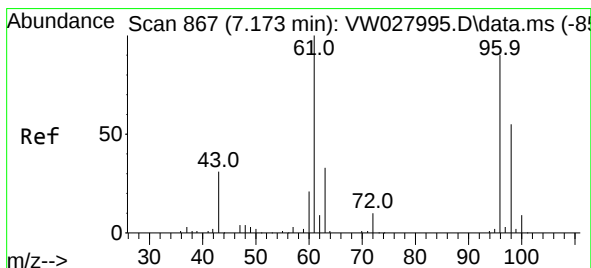
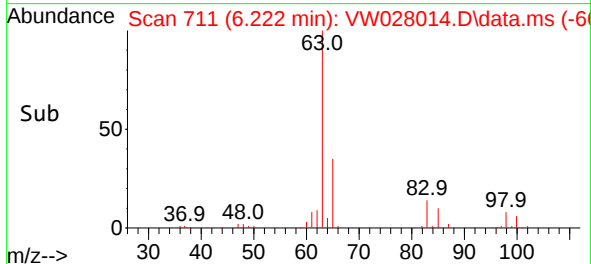
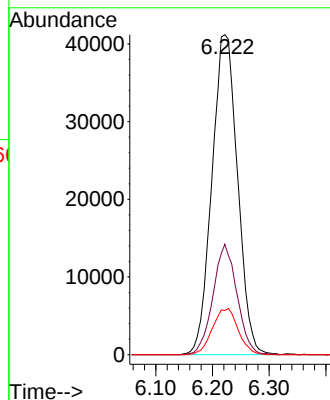
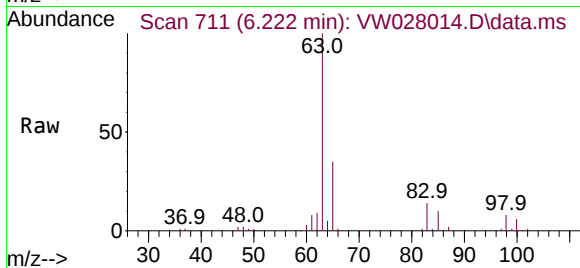
Tgt Ion: 63 Resp: 129398

Ion Ratio Lower Upper

63 100

65 34.5 23.1 42.9

83 13.8 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 24.528 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

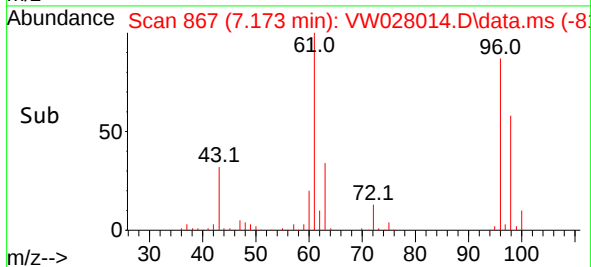
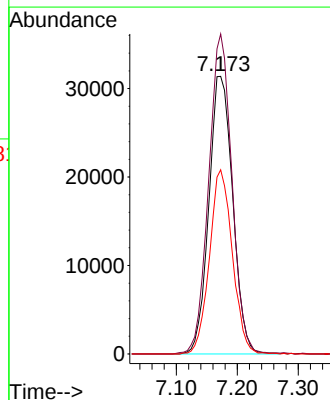
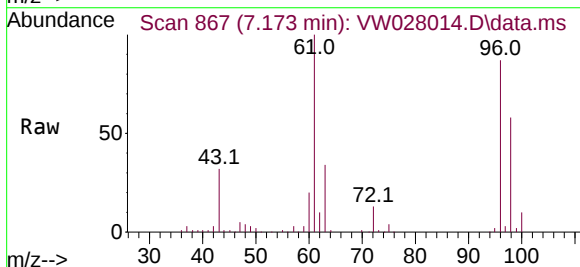
Tgt Ion: 96 Resp: 85531

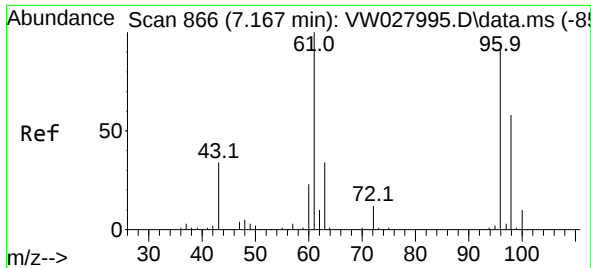
Ion Ratio Lower Upper

96 100

61 115.2 76.3 141.7

98 66.3 42.9 79.7

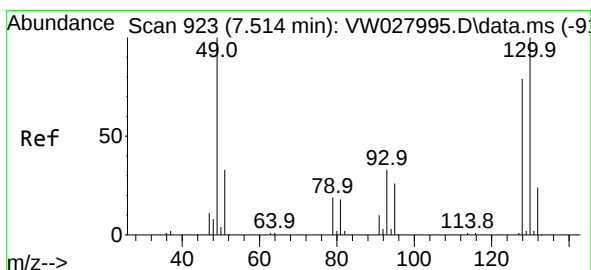
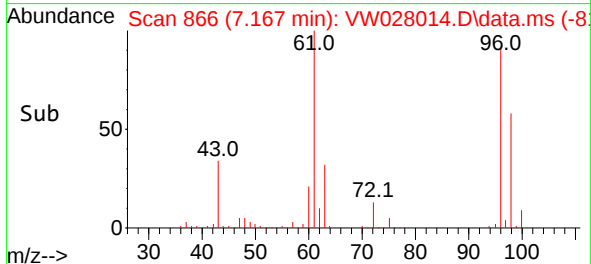
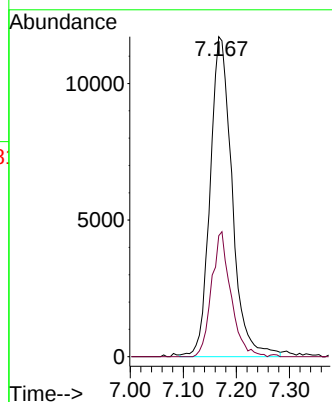
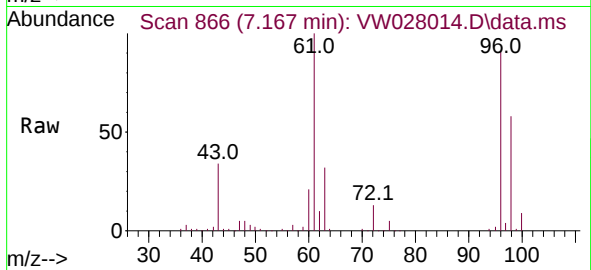




#22
2-Butanone
Concen: 58.704 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

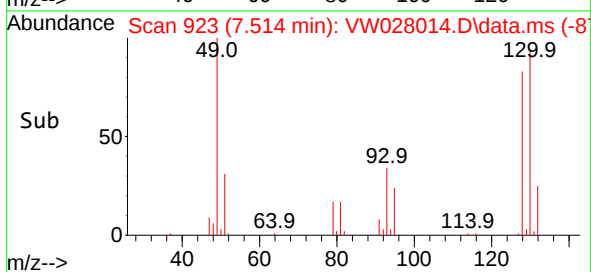
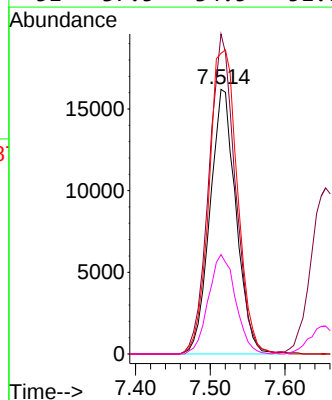
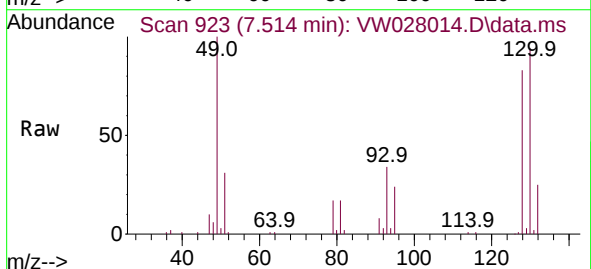
Instrument :
MSVOA_W
ClientSampleId :

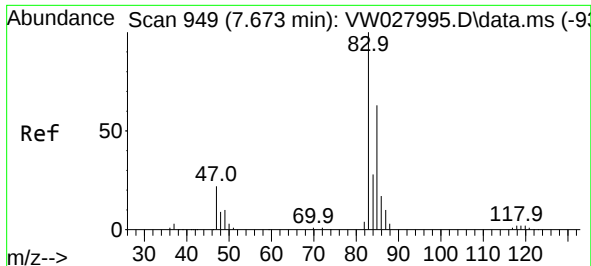
Tgt Ion: 43 Resp: 33742
Ion Ratio Lower Upper
43 100
72 34.4 17.0 50.9



#23
Bromochloromethane
Concen: 25.341 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

Tgt Ion: 128 Resp: 39253
Ion Ratio Lower Upper
128 100
49 120.9 93.2 173.2
130 113.6 97.4 180.8
51 37.5 34.5 51.7





#25

Chloroform

Concen: 24.790 ug/L

RT: 7.679 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

Instrument :

MSVOA_W

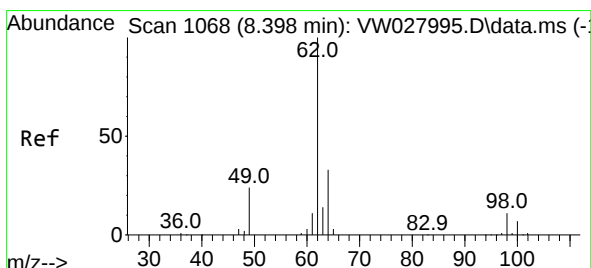
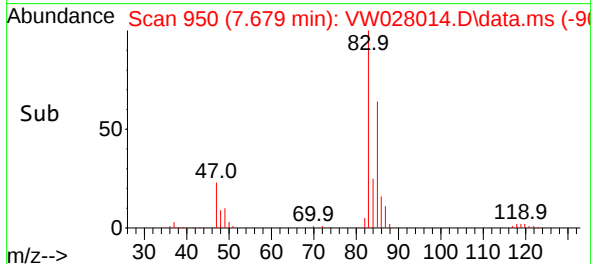
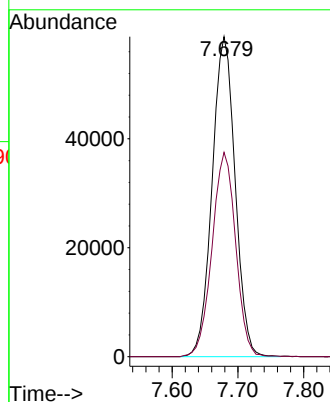
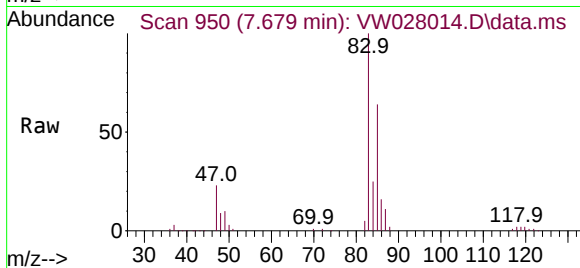
ClientSampleId :

Tgt Ion: 83 Resp: 142967

Ion Ratio Lower Upper

83 100

85 63.8 46.6 86.6



#27

1,2-Dichloroethane

Concen: 25.653 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028014.D

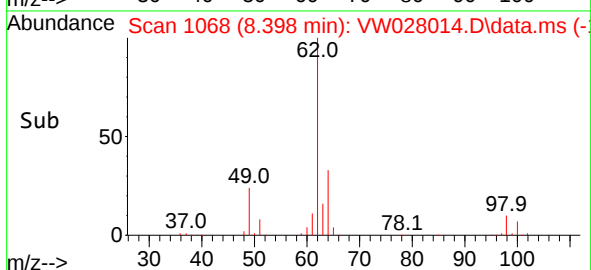
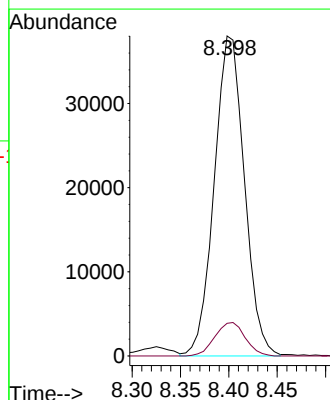
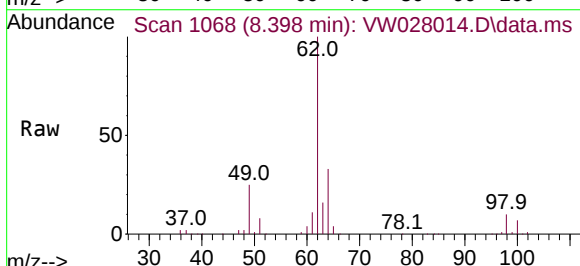
Acq: 15 Feb 2024 09:45

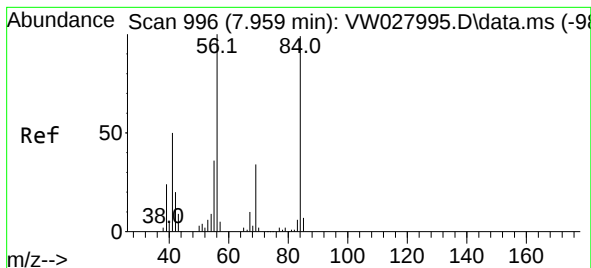
Tgt Ion: 62 Resp: 82388

Ion Ratio Lower Upper

62 100

98 10.2 9.4 14.2





#29

Cyclohexane

Concen: 23.812 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

Instrument :

MSVOA_W

ClientSampleId :

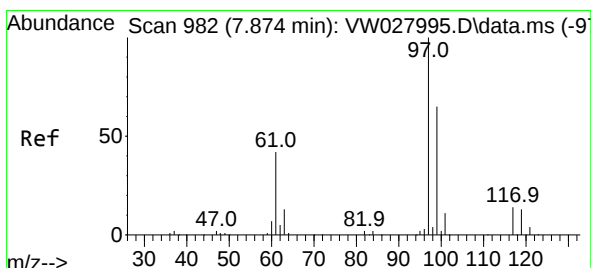
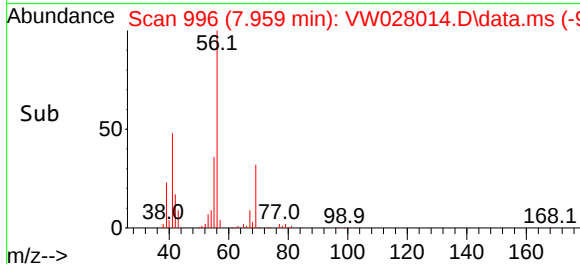
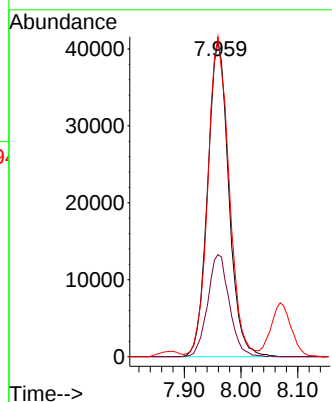
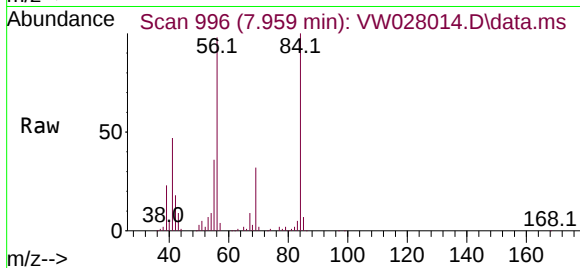
Tgt Ion: 56 Resp: 106199

Ion Ratio Lower Upper

56 100

69 33.1 26.3 39.5

84 102.0 81.6 122.4



#30

1,1,1-Trichloroethane

Concen: 25.644 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

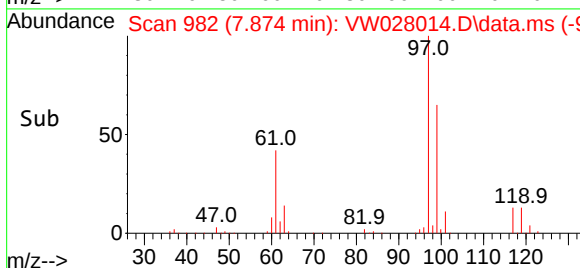
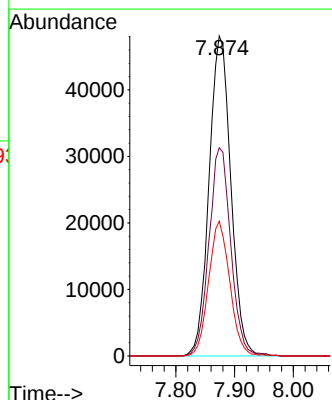
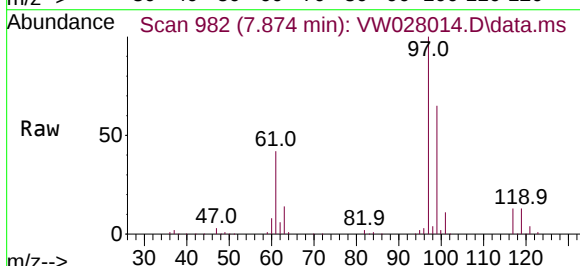
Tgt Ion: 97 Resp: 123871

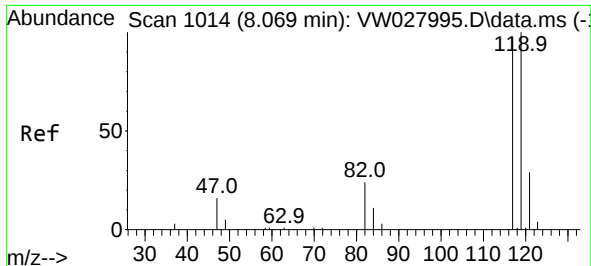
Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.0

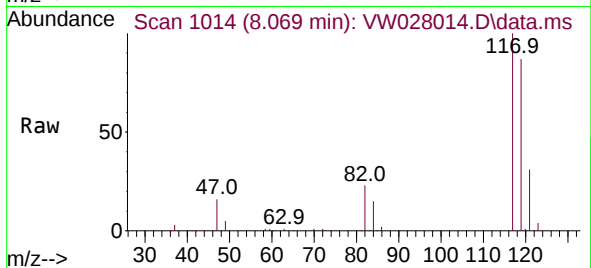
61 41.0 32.9 49.3



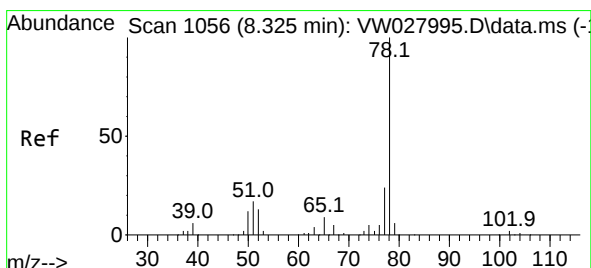
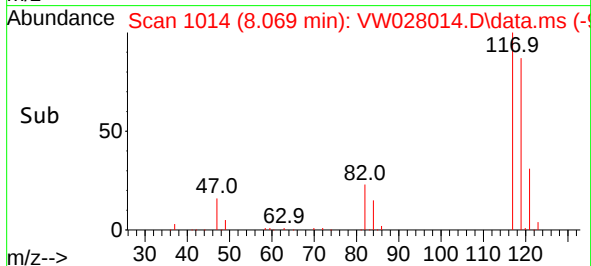
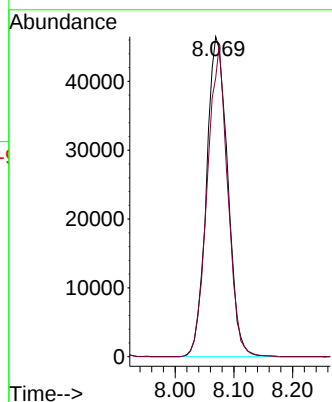


#31
Carbon tetrachloride
Concen: 26.060 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

Instrument :
MSVOA_W
ClientSampleId :

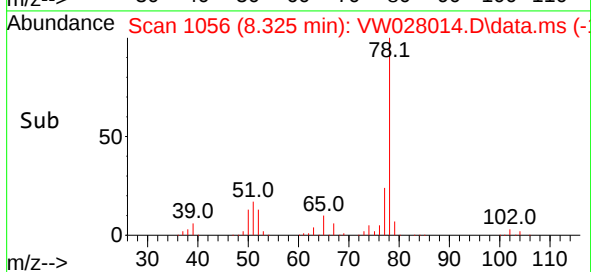
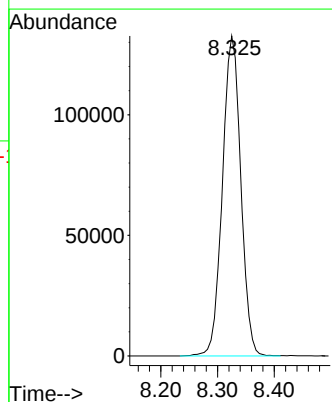
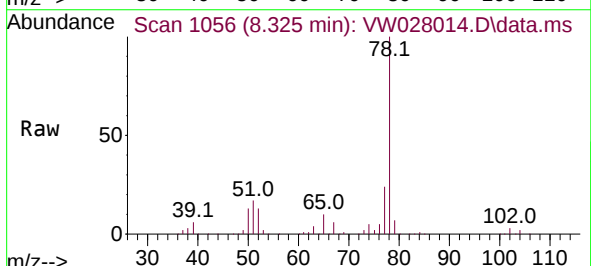


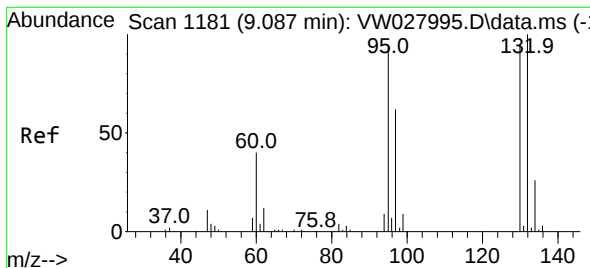
Tgt Ion:117 Resp: 116456
Ion Ratio Lower Upper
117 100
119 93.7 76.5 114.7



#33
Benzene
Concen: 23.920 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

Tgt Ion: 78 Resp: 298954





#34

Trichloroethene

Concen: 23.732 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 85146

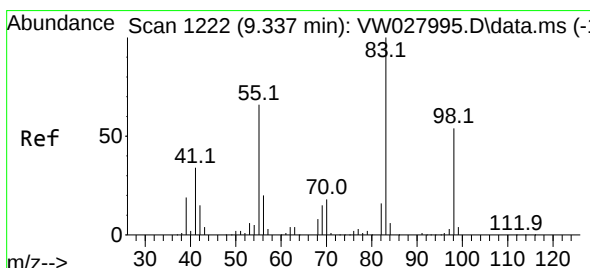
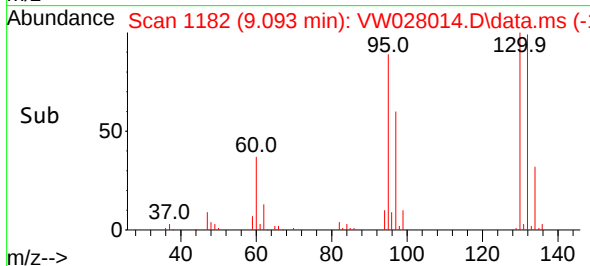
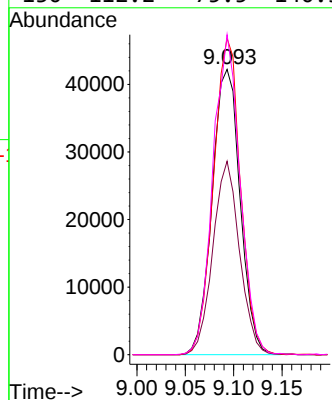
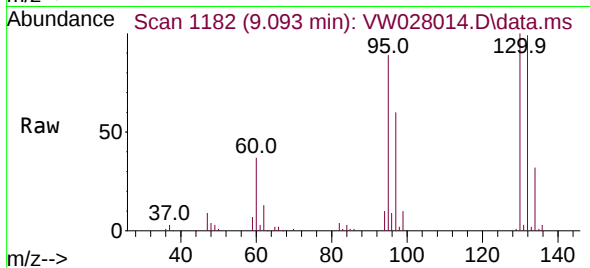
Ion Ratio Lower Upper

95 100

97 67.8 44.3 82.3

132 111.0 68.0 126.2

130 112.2 75.5 140.3



#35

Methylcyclohexane

Concen: 23.648 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

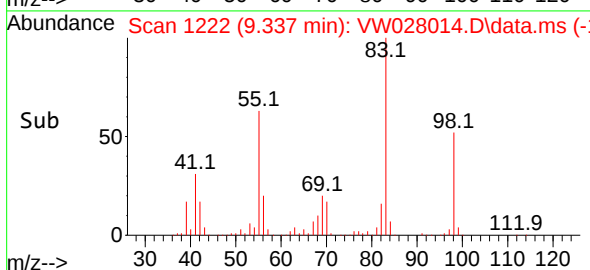
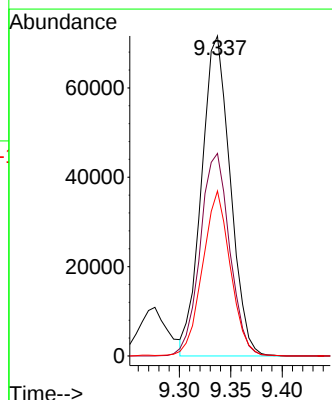
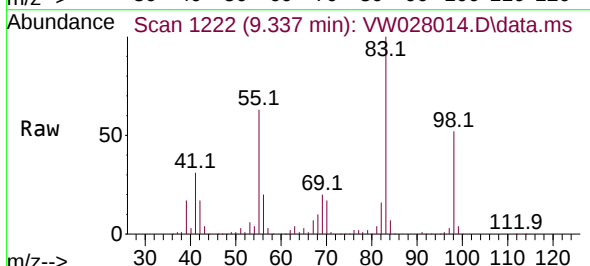
Tgt Ion: 83 Resp: 139618

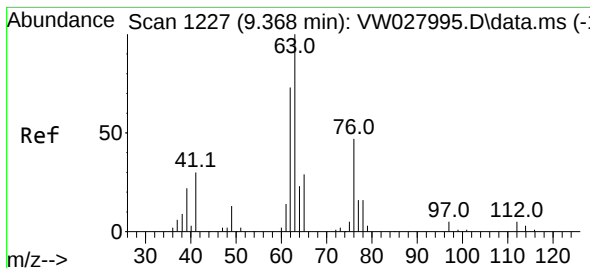
Ion Ratio Lower Upper

83 100

55 65.0 52.3 78.5

98 50.1 41.9 62.9





#37

1,2-Dichloropropane

Concen: 24.181 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

Instrument :

MSVOA_W

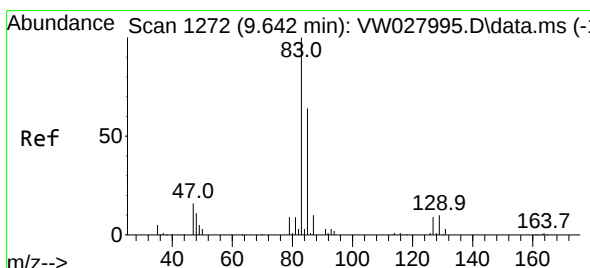
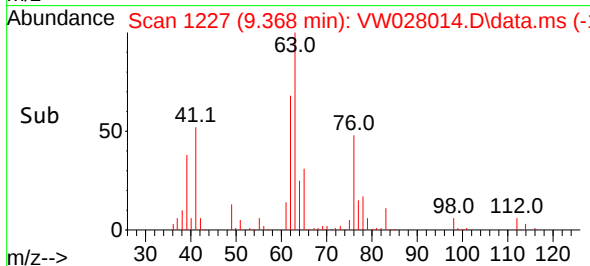
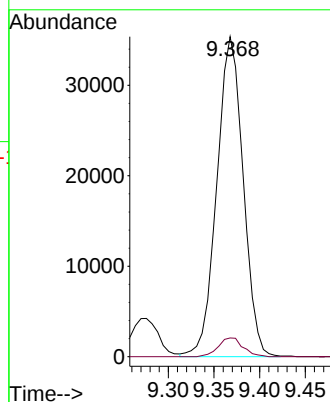
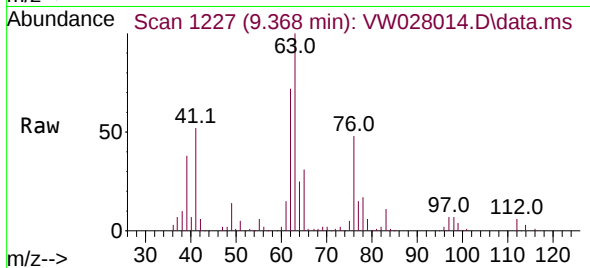
ClientSampleId :

Tgt Ion: 63 Resp: 71017

Ion Ratio Lower Upper

63 100

112 5.5 4.2 6.2



#38

Bromodichloromethane

Concen: 25.939 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

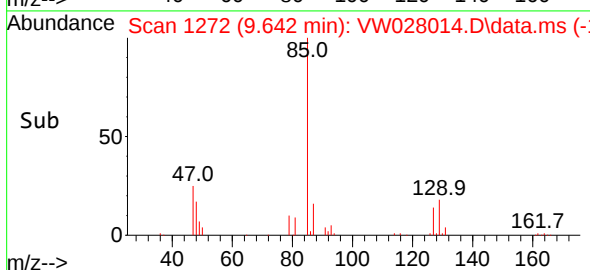
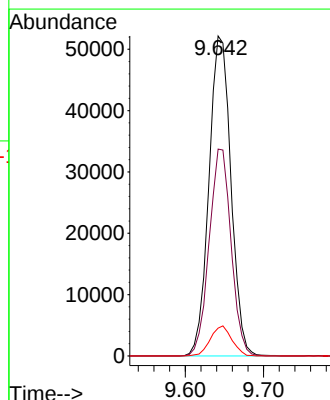
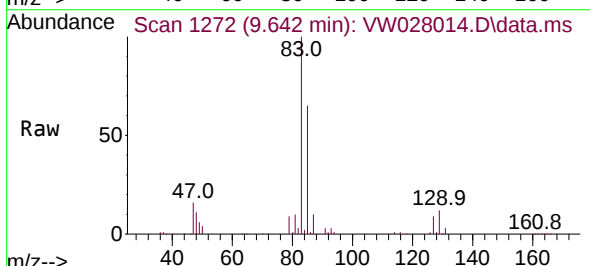
Tgt Ion: 83 Resp: 101683

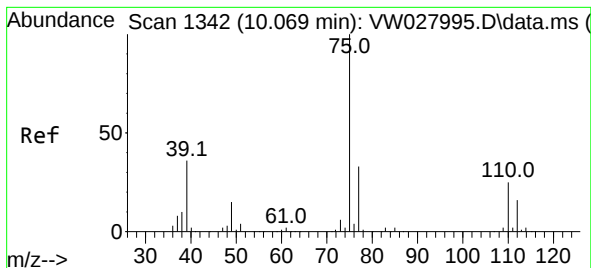
Ion Ratio Lower Upper

83 100

85 64.6 44.7 83.1

127 8.7 7.1 10.7

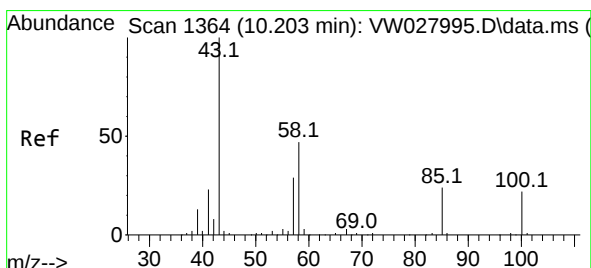
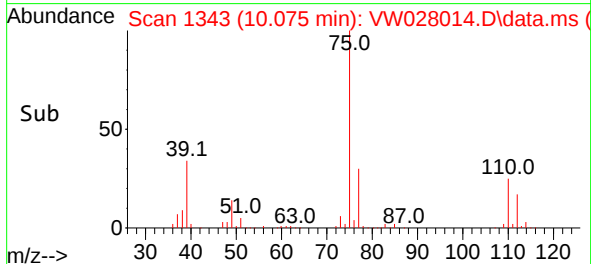
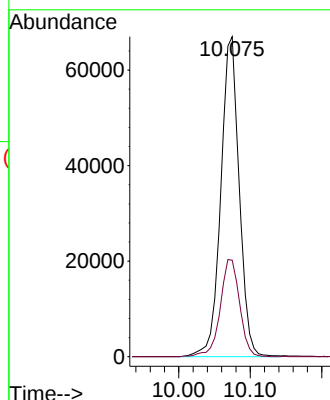
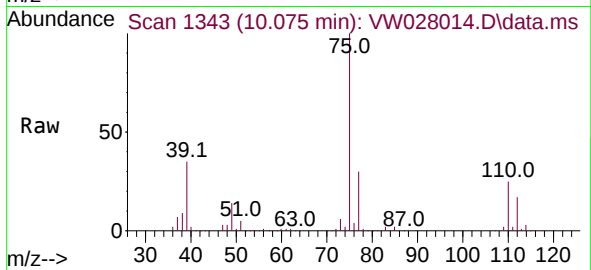




#39
cis-1,3-Dichloropropene
Concen: 25.409 ug/L
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

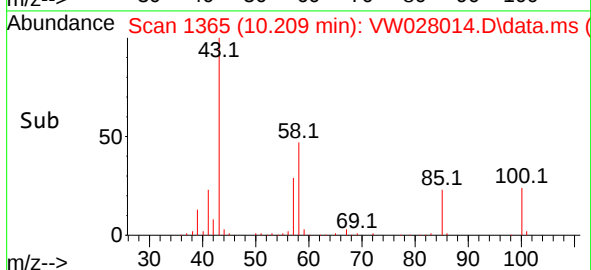
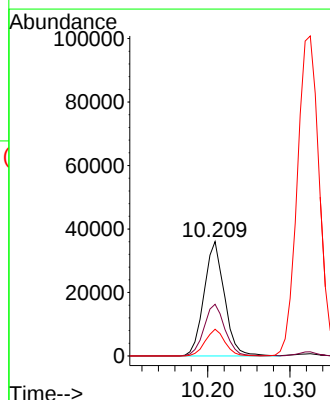
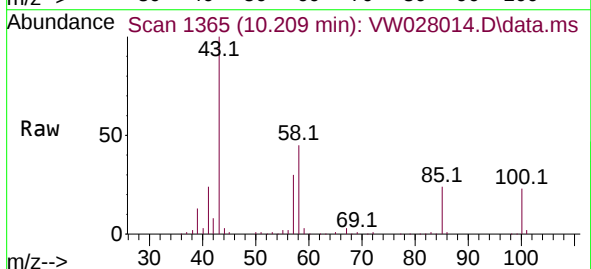
Instrument :
MSVOA_W
ClientSampleId :

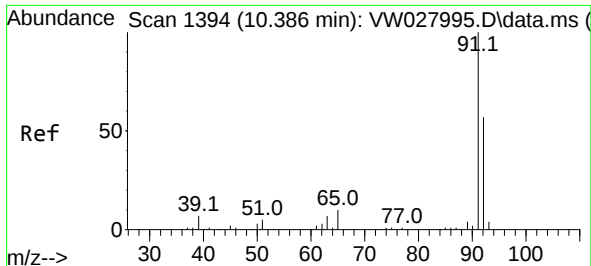
Tgt Ion: 75 Resp: 119608
Ion Ratio Lower Upper
75 100
77 30.1 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 56.131 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.006 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

Tgt Ion: 43 Resp: 62220
Ion Ratio Lower Upper
43 100
58 46.4 36.7 55.1
100 22.5 18.4 27.6

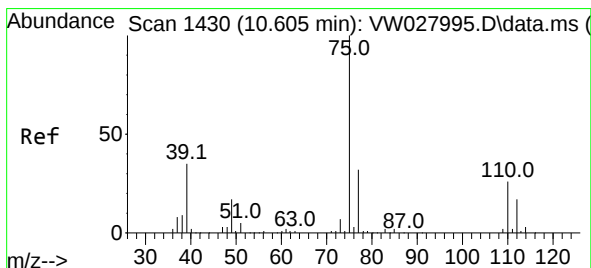
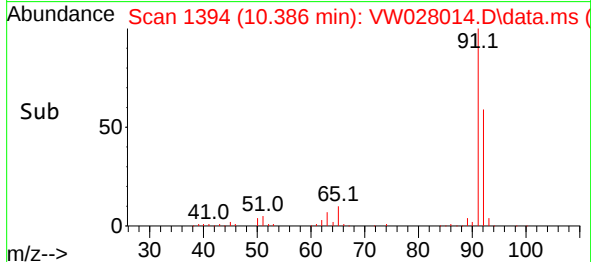
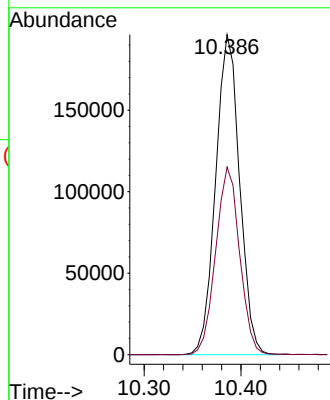
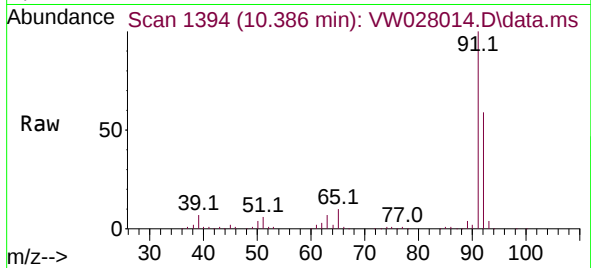




#42
Toluene
Concen: 24.074 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

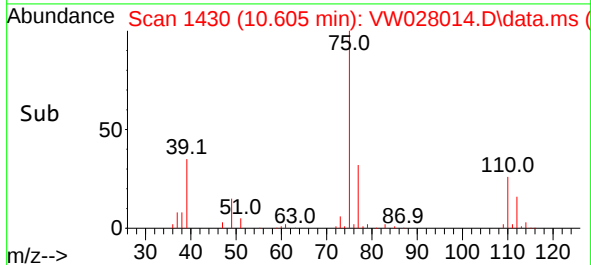
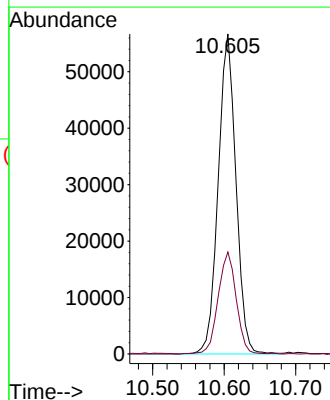
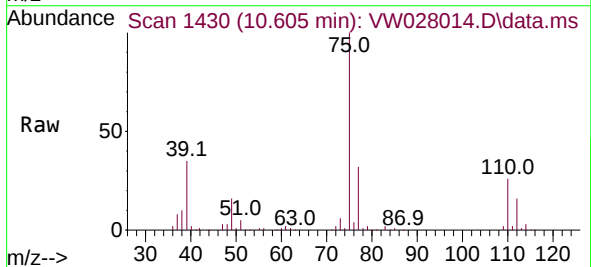
Instrument :
MSVOA_W
ClientSampleId :

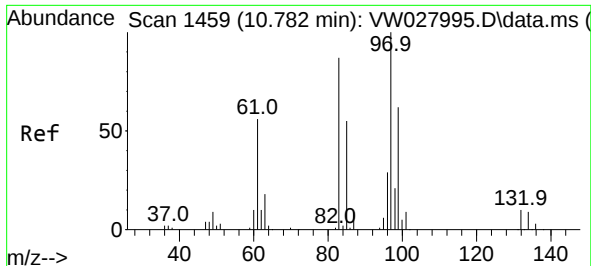
Tgt Ion: 91 Resp: 337340
Ion Ratio Lower Upper
91 100
92 58.6 38.8 72.0



#44
trans-1,3-Dichloropropene
Concen: 26.163 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

Tgt Ion: 75 Resp: 97748
Ion Ratio Lower Upper
75 100
77 31.9 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 25.411 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

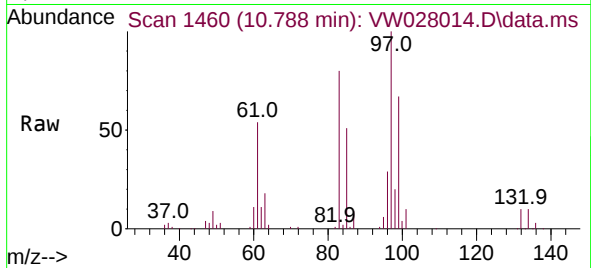
Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 59071

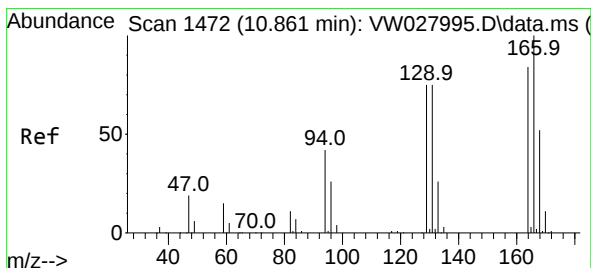
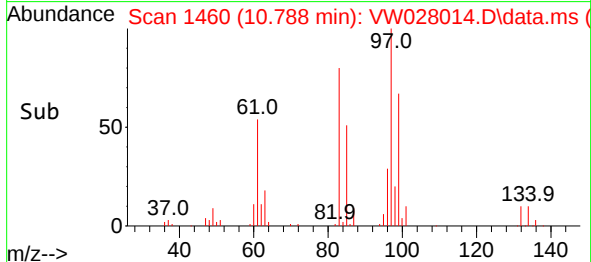
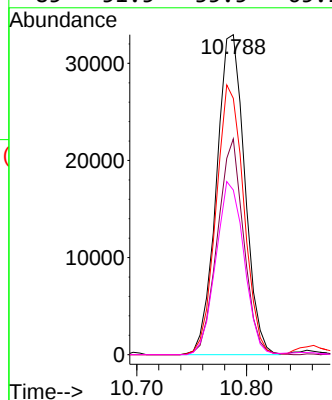
Ion Ratio Lower Upper

97 100

99 67.5 43.3 80.5

83 80.1 57.2 106.2

85 51.5 35.5 65.9



#46

Tetrachloroethene

Concen: 22.898 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

Tgt Ion:164 Resp: 69128

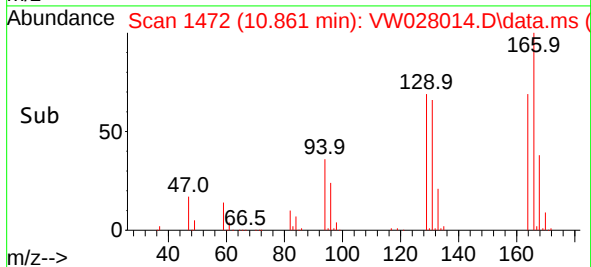
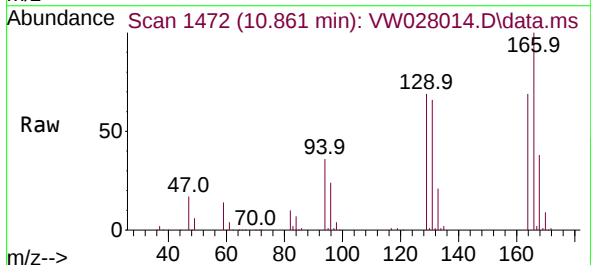
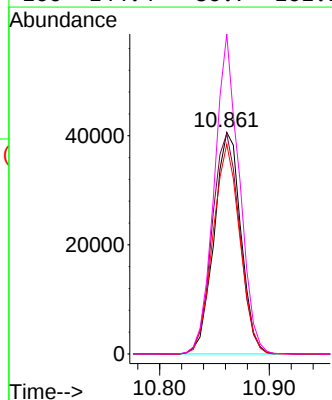
Ion Ratio Lower Upper

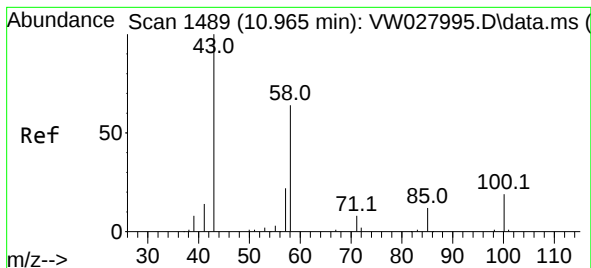
164 100

129 99.4 59.4 110.2

131 94.7 65.0 120.6

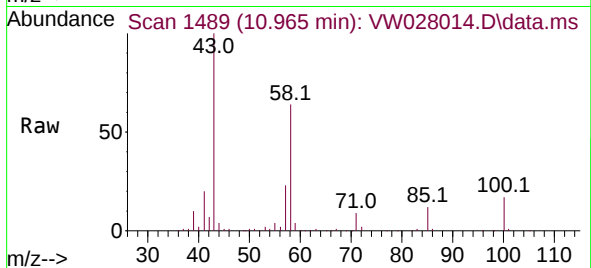
166 144.4 86.7 161.1



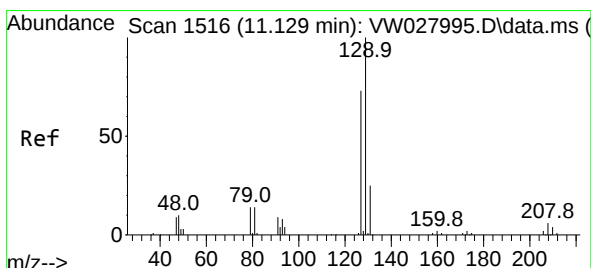
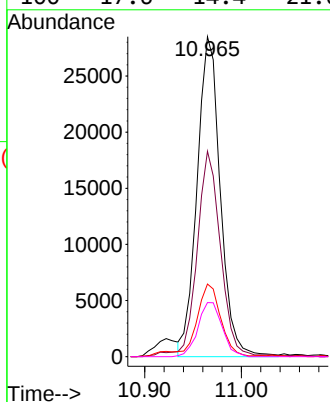
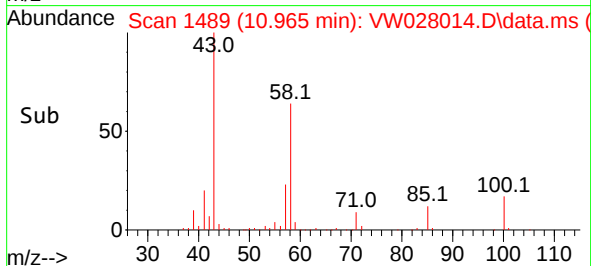


#48
2-Hexanone
Concen: 56.883 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

Instrument :
MSVOA_W
ClientSampleId :

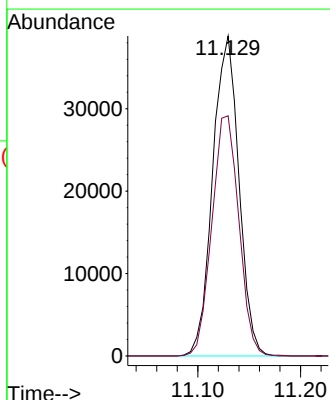
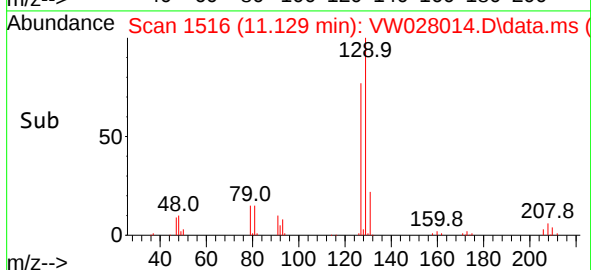
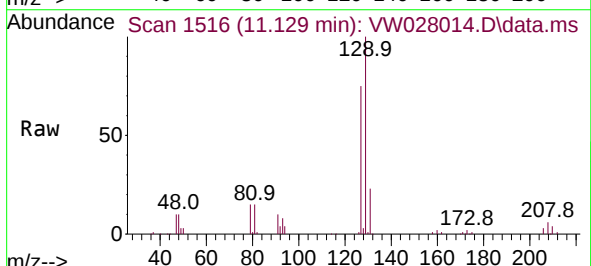


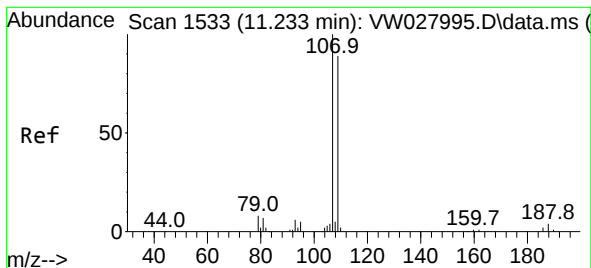
Tgt Ion:	43	Resp:	47759
Ion	Ratio	Lower	Upper
43	100		
58	63.5	51.4	77.2
57	22.7	17.4	26.2
100	17.6	14.4	21.6



#49
Dibromochloromethane
Concen: 25.925 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

Tgt Ion:	129	Resp:	68705
Ion	Ratio	Lower	Upper
129	100		
127	75.1	49.6	92.0





#50

1,2-Dibromoethane

Concen: 25.603 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028014.D

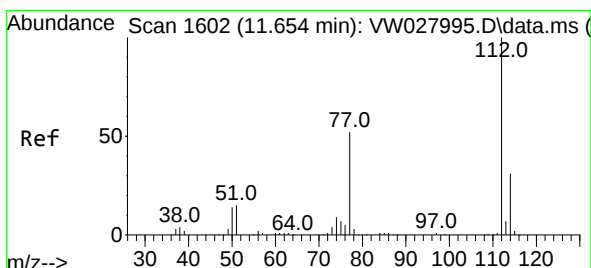
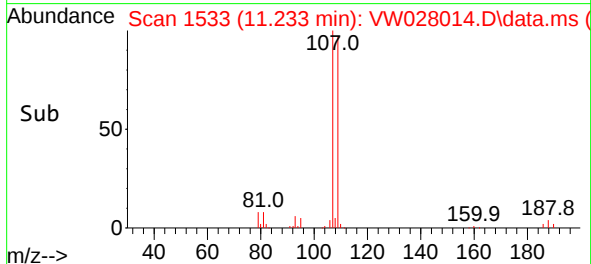
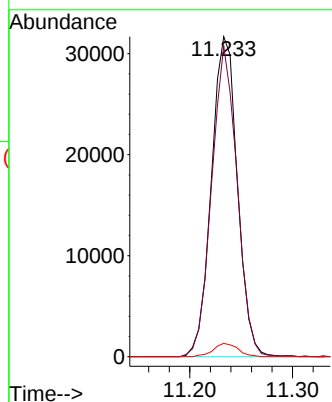
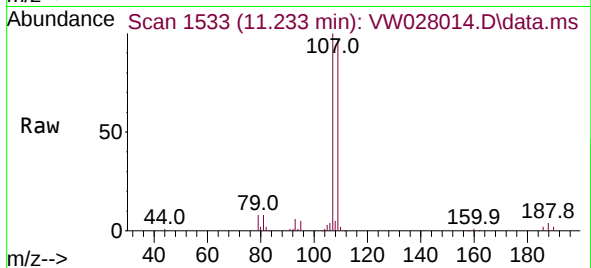
Acq: 15 Feb 2024 09:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	55552
Ion Ratio	Lower	Upper
107	100	
109	97.2	71.2 132.2
188	4.2	3.1 4.7



#51

Chlorobenzene

Concen: 24.630 ug/L

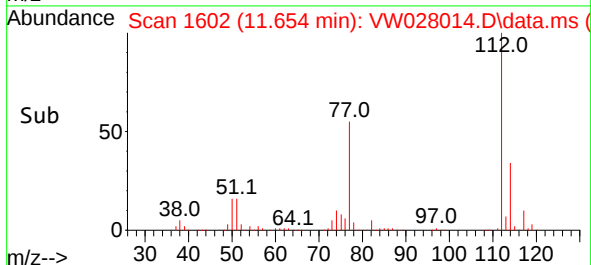
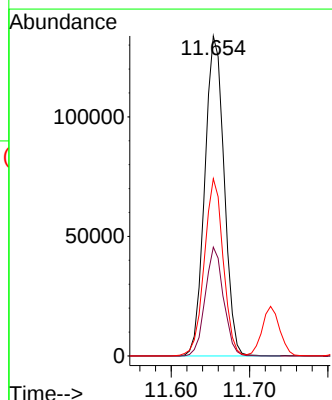
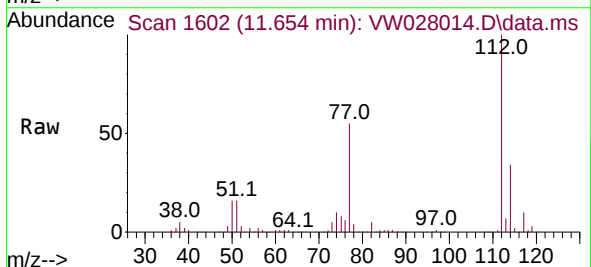
RT: 11.654 min Scan# 1602

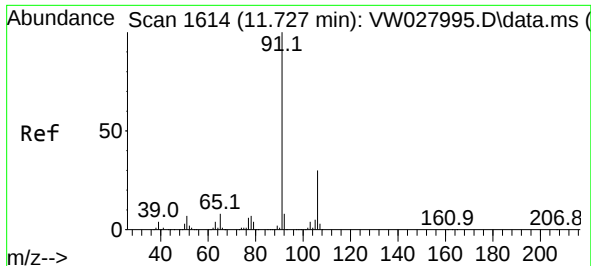
Delta R.T. -0.000 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

Tgt Ion:112	Resp:	229552
Ion Ratio	Lower	Upper
112	100	
114	34.0	22.7 42.3
77	55.4	42.6 64.0

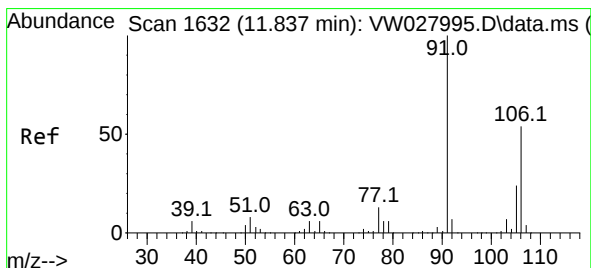
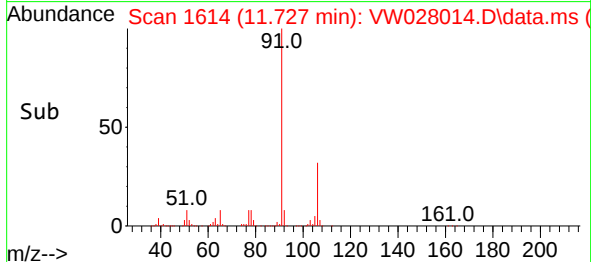
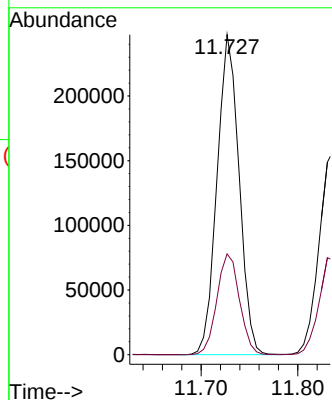
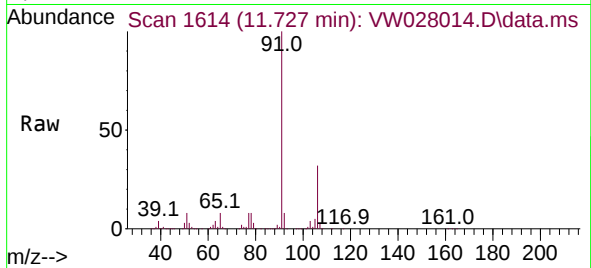




#52
Ethylbenzene
Concen: 24.768 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

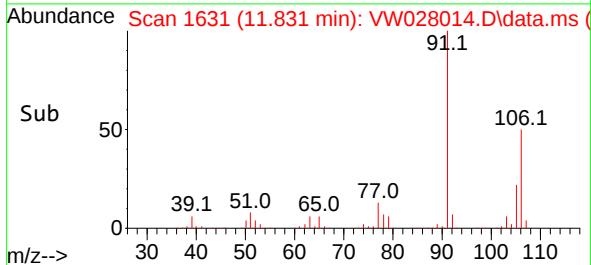
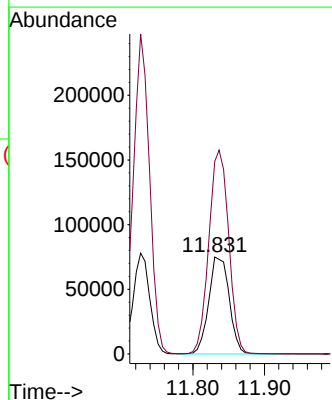
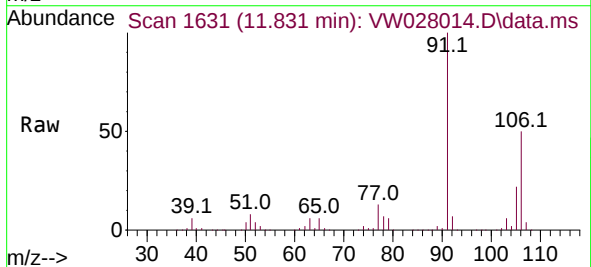
Instrument :
MSVOA_W
ClientSampleId :

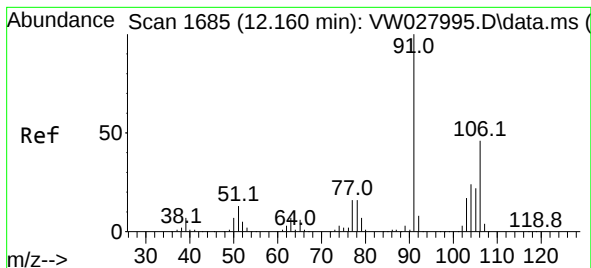
Tgt Ion: 91 Resp: 391316
Ion Ratio Lower Upper
91 100
106 31.5 22.8 42.4



#53
m,p-Xylene
Concen: 24.097 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

Tgt Ion: 106 Resp: 149306
Ion Ratio Lower Upper
106 100
91 198.6 130.0 241.4





#54

o-Xylene

Concen: 25.063 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

Instrument :

MSVOA_W

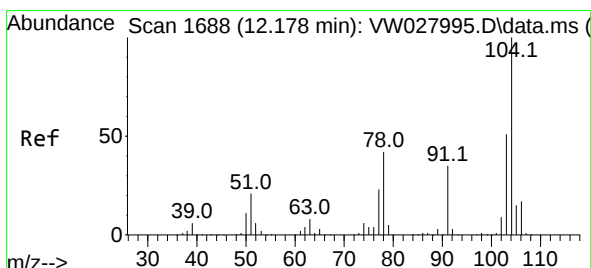
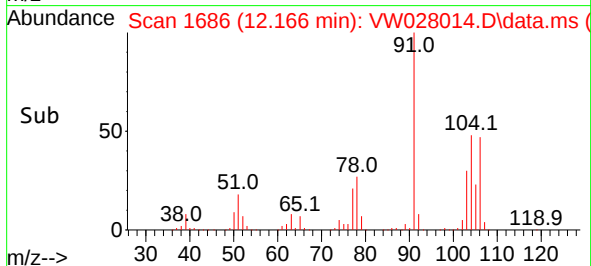
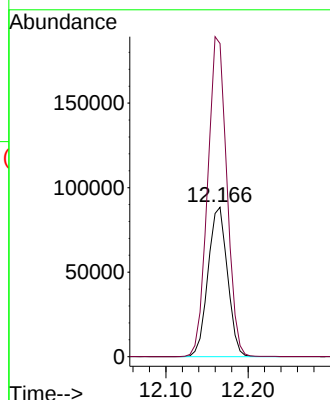
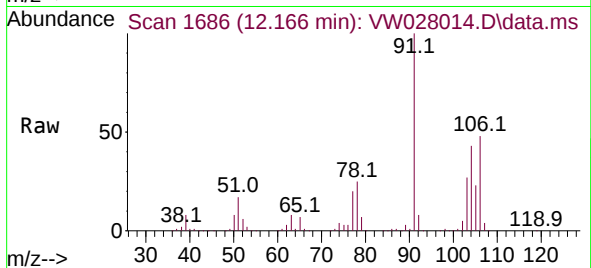
ClientSampleId :

Tgt Ion:106 Resp: 145642

Ion Ratio Lower Upper

106 100

91 209.5 146.4 272.0



#55

Styrene

Concen: 25.597 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028014.D

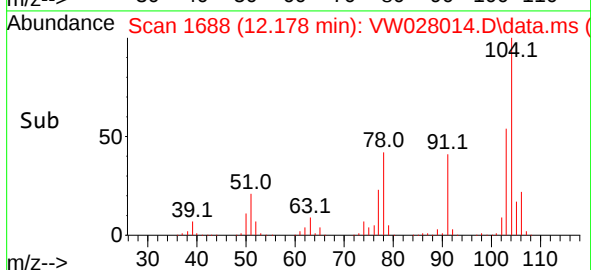
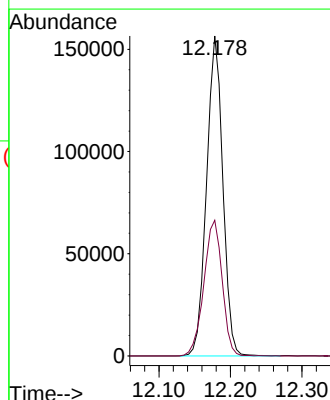
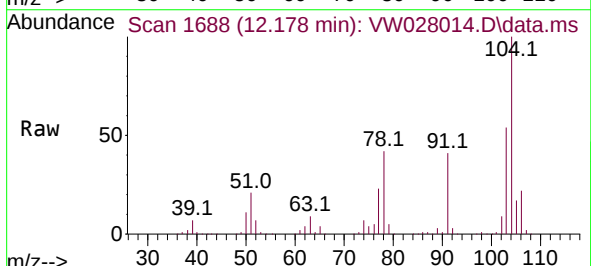
Acq: 15 Feb 2024 09:45

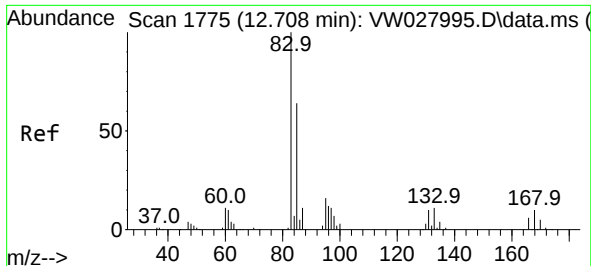
Tgt Ion:104 Resp: 247761

Ion Ratio Lower Upper

104 100

78 42.4 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 26.127 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028014.D

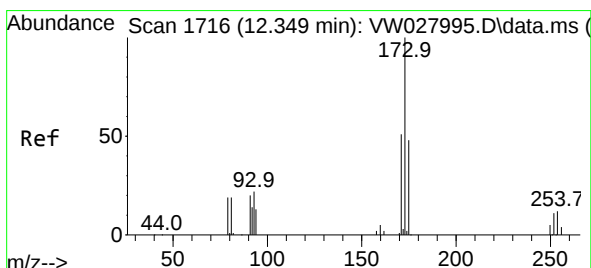
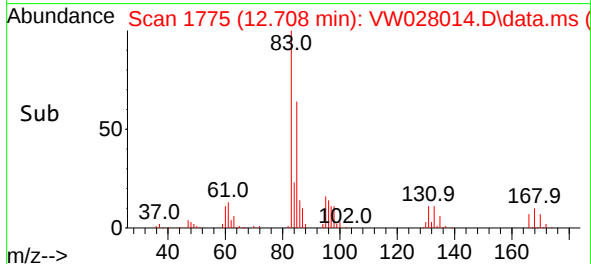
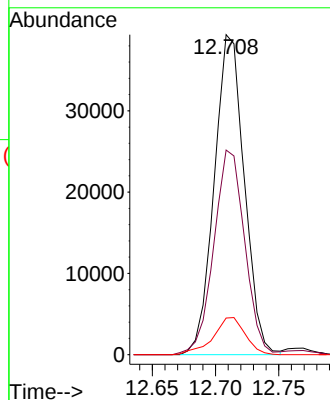
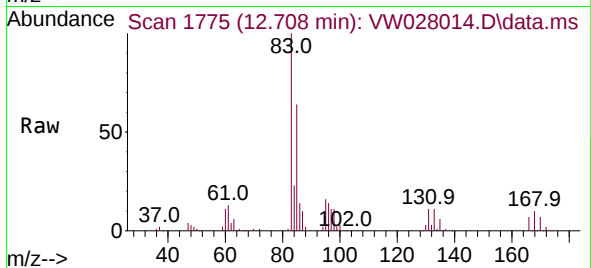
Acq: 15 Feb 2024 09:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	65037
Ion Ratio	Lower	Upper	
83	100		
85	64.0	42.9	79.7
131	11.4	8.7	13.1



#59

Bromoform

Concen: 27.565 ug/L

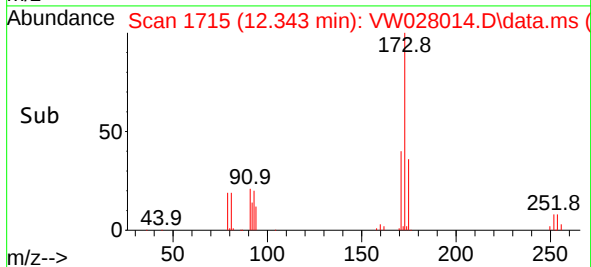
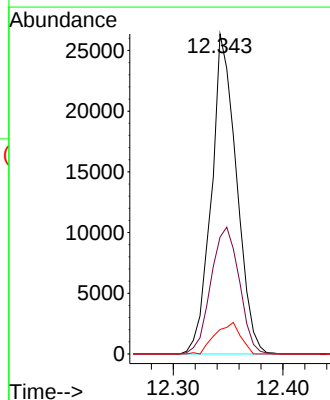
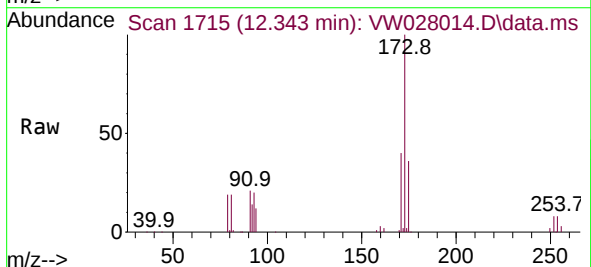
RT: 12.343 min Scan# 1715

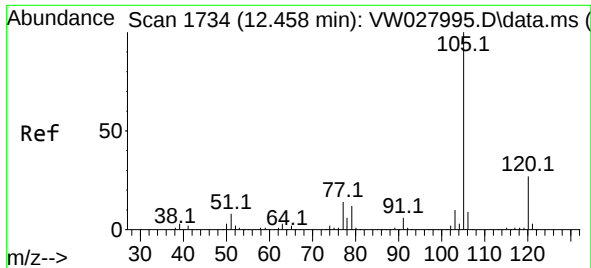
Delta R.T. -0.006 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

Tgt Ion:	173	Resp:	41928
Ion Ratio	Lower	Upper	
173	100		
175	44.7	37.8	56.8
254	9.9	8.4	12.6

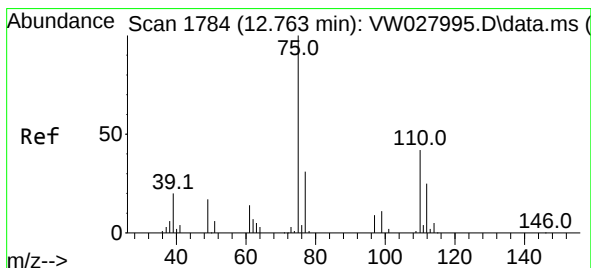
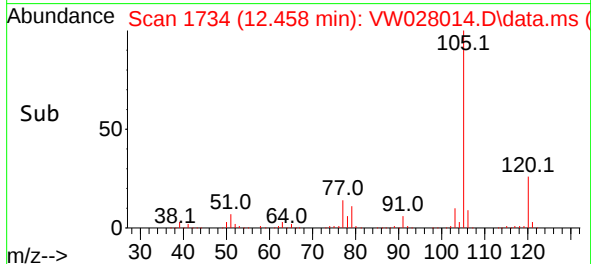
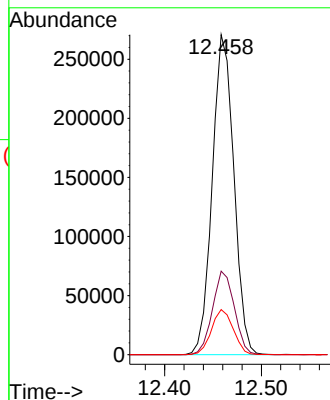
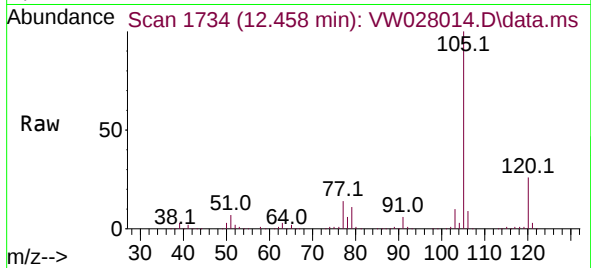




#60
Isopropylbenzene
Concen: 26.111 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

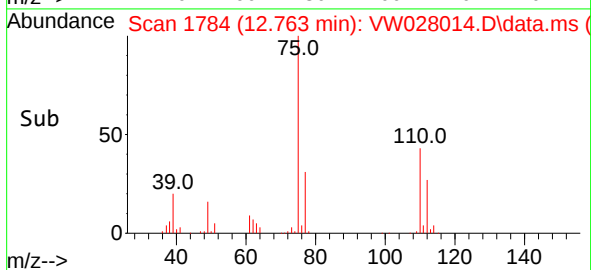
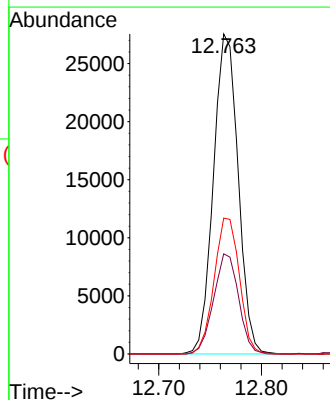
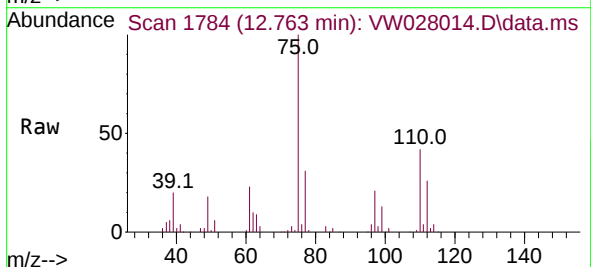
Instrument :
MSVOA_W
ClientSampleId :

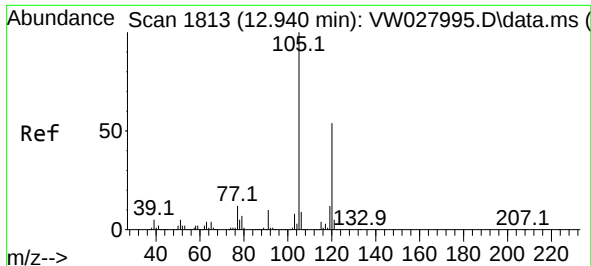
Tgt Ion:105 Resp: 420143
Ion Ratio Lower Upper
105 100
120 26.4 22.2 33.2
77 14.3 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 26.798 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

Tgt Ion: 75 Resp: 46089
Ion Ratio Lower Upper
75 100
77 31.6 26.5 39.7
110 43.2 35.8 53.8

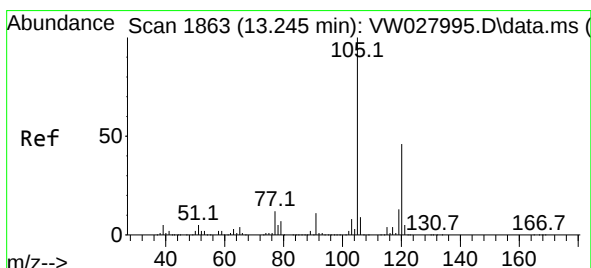
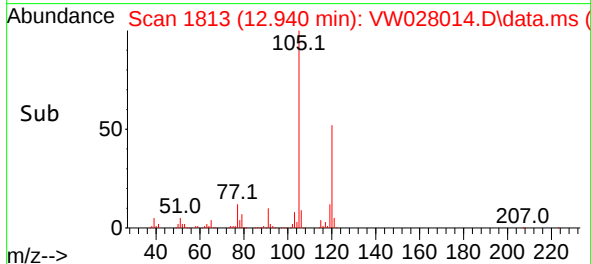
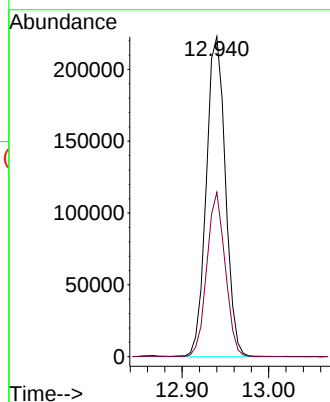
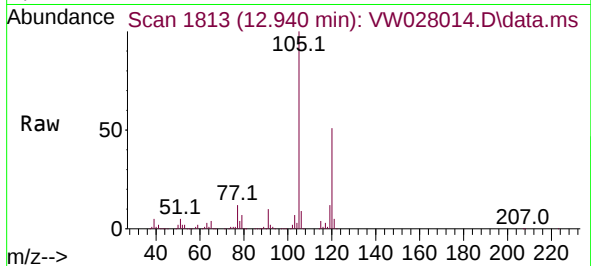




#62
1,3,5-Trimethylbenzene
Concen: 26.542 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

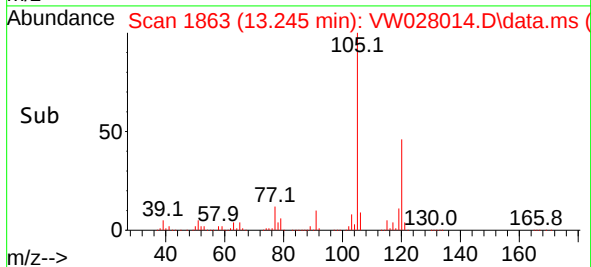
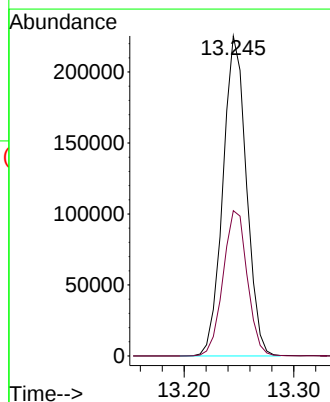
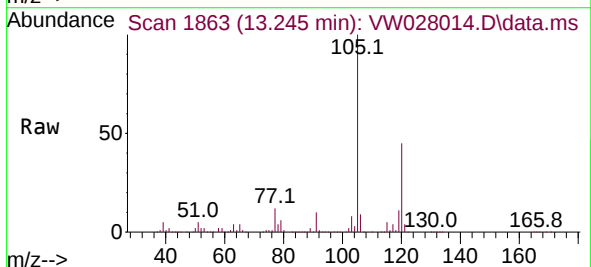
Instrument :
MSVOA_W
ClientSampleId :

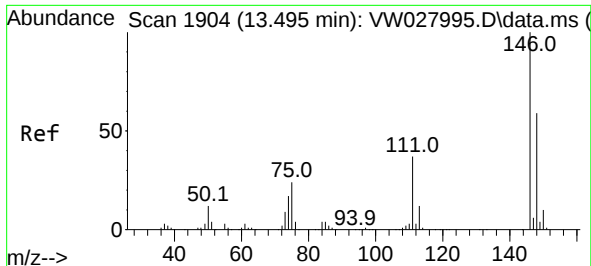
Tgt Ion:105 Resp: 341767
Ion Ratio Lower Upper
105 100
120 49.4 40.3 60.5



#63
1,2,4-Trimethylbenzene
Concen: 26.587 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

Tgt Ion:105 Resp: 334997
Ion Ratio Lower Upper
105 100
120 46.8 36.4 54.6

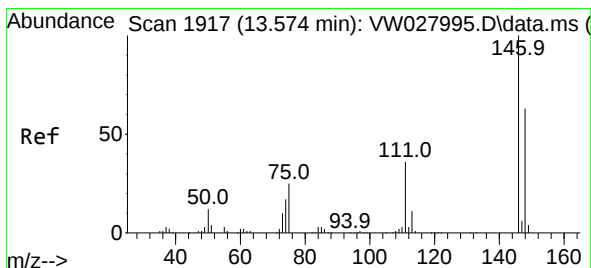
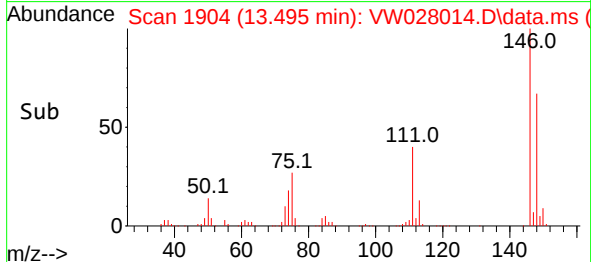
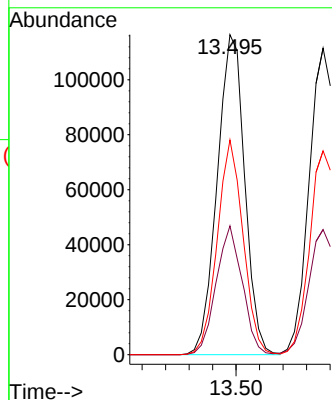
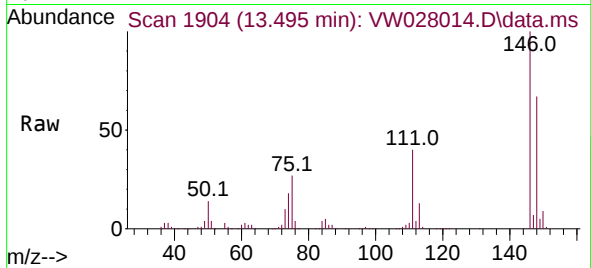




#64
1,3-Dichlorobenzene
Concen: 25.663 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

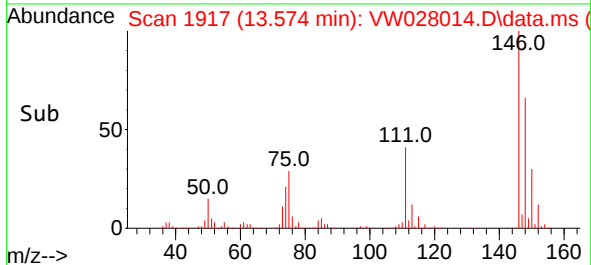
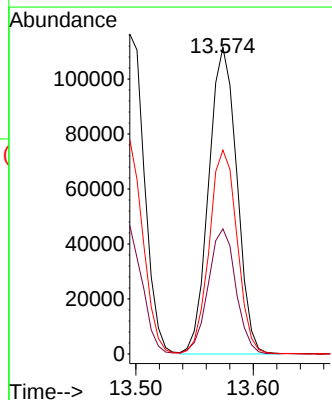
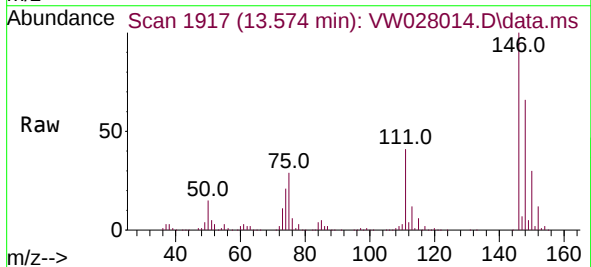
Instrument :
MSVOA_W
ClientSampleId :

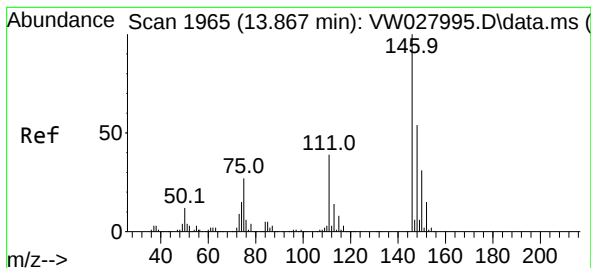
Tgt Ion:146 Resp: 189697
Ion Ratio Lower Upper
146 100
111 40.2 26.9 49.9
148 67.1 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 24.736 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028014.D
Acq: 15 Feb 2024 09:45

Tgt Ion:146 Resp: 185906
Ion Ratio Lower Upper
146 100
111 40.8 24.1 44.8
148 66.5 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 25.906 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

Instrument :

MSVOA_W

ClientSampleId :

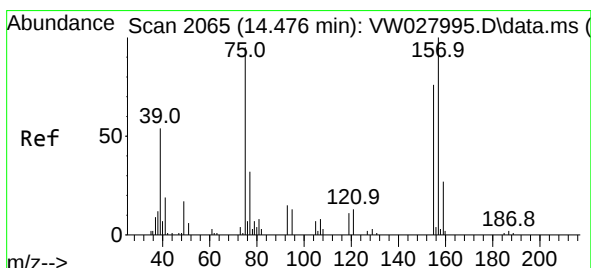
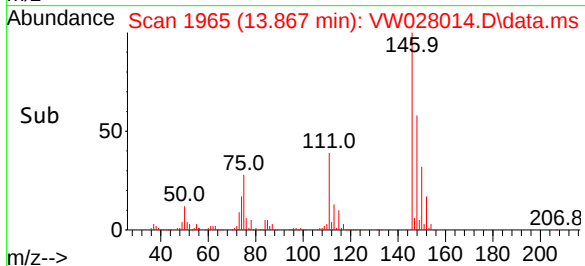
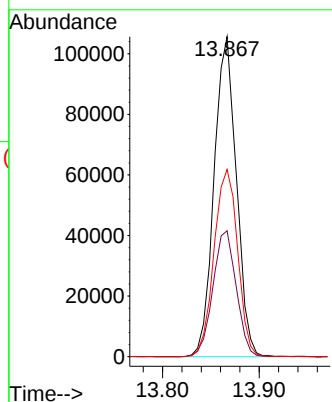
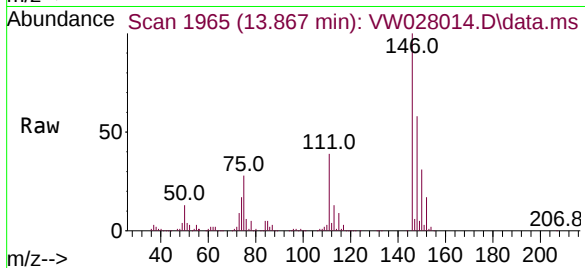
Tgt Ion:146 Resp: 169132

Ion Ratio Lower Upper

146 100

111 39.4 30.6 46.0

148 58.5 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 27.942 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

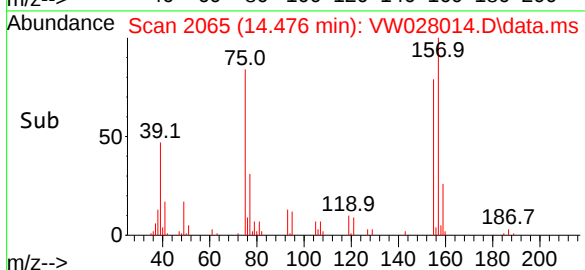
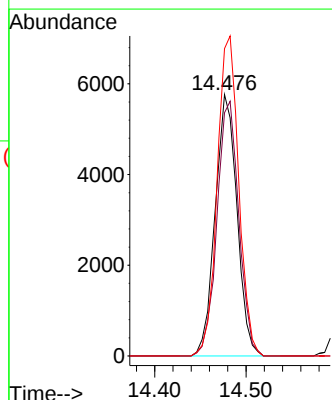
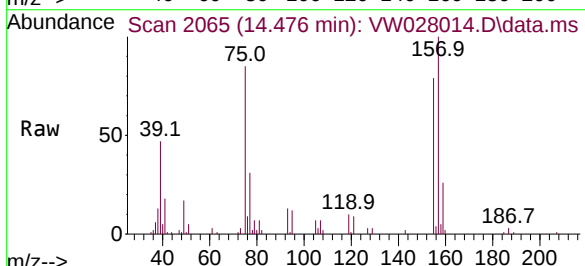
Tgt Ion: 75 Resp: 9541

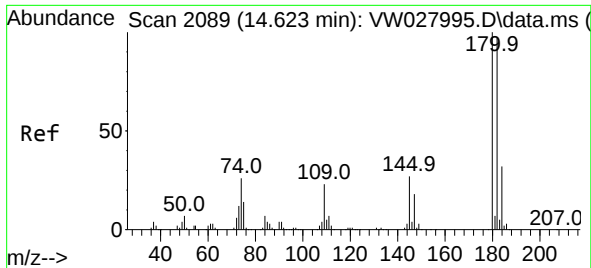
Ion Ratio Lower Upper

75 100

155 93.0 68.7 103.1

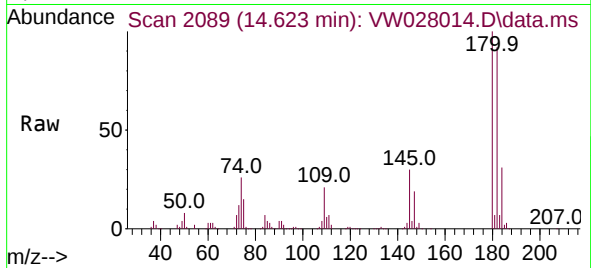
157 117.5 96.7 145.1



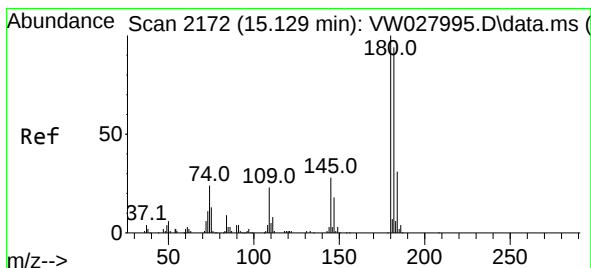
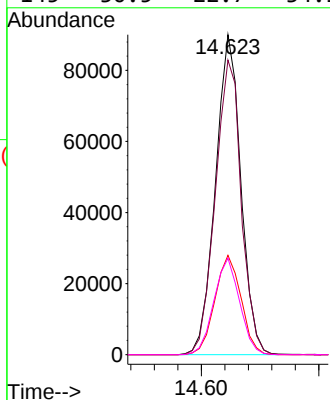
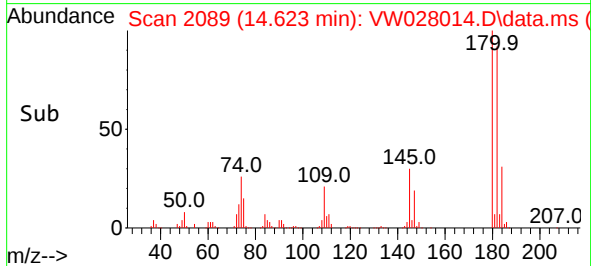


#69
 1,3,5-Trichlorobenzene
 Concen: 25.471 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW028014.D
 Acq: 15 Feb 2024 09:45

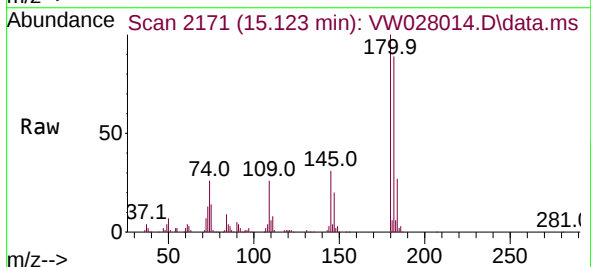
Instrument :
 MSVOA_W
 ClientSampleId :



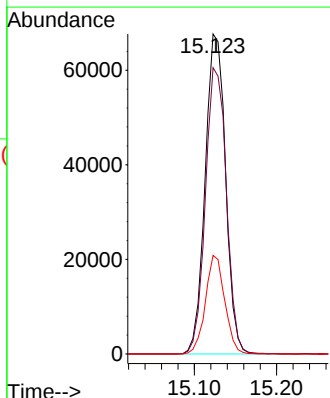
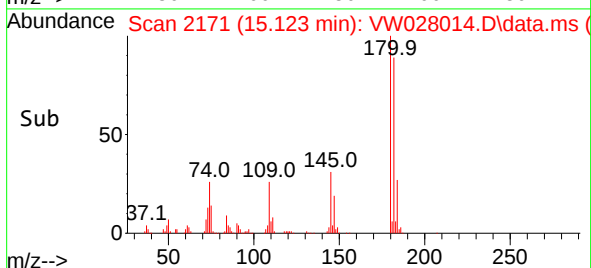
Tgt Ion:180 Resp: 135197
 Ion Ratio Lower Upper
 180 100
 182 94.2 72.1 108.1
 184 32.0 24.4 36.6
 145 30.5 22.7 34.1

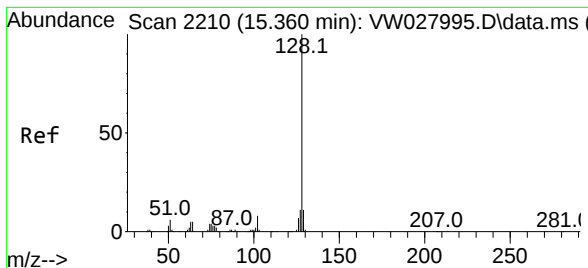


#70
 1,2,4-trichlorobenzene
 Concen: 27.269 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW028014.D
 Acq: 15 Feb 2024 09:45



Tgt Ion:180 Resp: 116883
 Ion Ratio Lower Upper
 180 100
 182 91.7 77.0 115.6
 145 29.1 23.4 35.0





#71

Naphthalene

Concen: 27.214 ug/L

RT: 15.354 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

Instrument :

MSVOA_W

ClientSampleId :

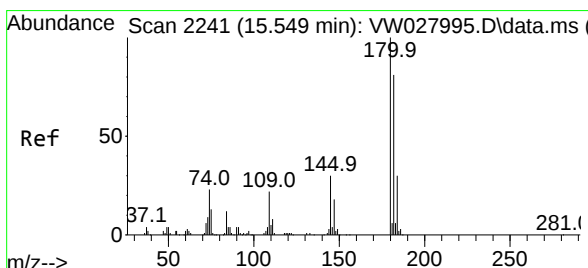
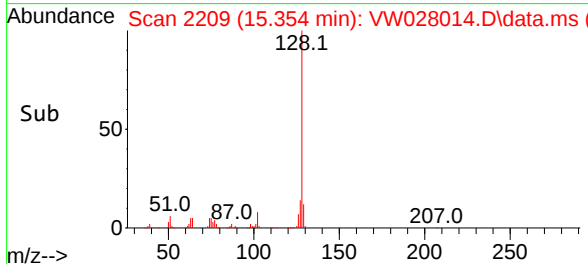
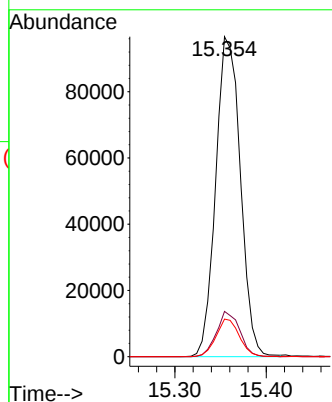
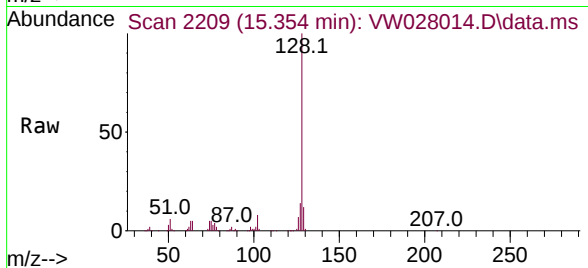
Tgt Ion:128 Resp: 181261

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.1 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 26.233 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028014.D

Acq: 15 Feb 2024 09:45

Tgt Ion:180 Resp: 93810

Ion Ratio Lower Upper

180 100

182 93.9 76.5 114.7

145 32.1 25.8 38.8

