

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052894.D
 Acq On : 31 Jan 2023 21:11
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 01:00:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 00:53:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	265584	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	257421	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	145570	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	91288	47.756	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.520%
7) Chloroethane-d5	1.903	69	83431	52.969	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.940%
11) 1,1-Dichloroethene-d2	2.565	63	181109	47.635	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.260%
21) 2-Butanone-d5	4.620	46	116155	98.364	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.360%
24) Chloroform-d	5.057	84	195233	47.856	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.720%
26) 1,2-Dichloroethane-d4	5.697	65	125962	48.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.720%
32) Benzene-d6	5.723	84	377974	48.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.120%
36) 1,2-Dichloropropane-d6	6.687	67	113487	49.201	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	7.893	98	350180	48.898	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.176	79	55603	48.096	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.200%
47) 2-Hexanone-d5	8.632	63	81397	100.433	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.430%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	160525	47.103	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	135743	48.024	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	113709	45.723	ug/L	98
3) Chloromethane	1.520	50	102662	50.052	ug/L	99
5) Vinyl chloride	1.604	62	113687	50.102	ug/L	96
6) Bromomethane	1.851	94	72749	50.837	ug/L	99
8) Chloroethane	1.925	64	74183	52.051	ug/L	96
9) Trichlorofluoromethane	2.134	101	186297	49.018	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	97352	45.444	ug/L	99
12) 1,1-Dichloroethene	2.578	96	91557	46.601	ug/L	97
13) Acetone	2.626	43	90950	63.062	ug/L	99
14) Carbon disulfide	2.790	76	261305	44.036	ug/L	100
15) Methyl Acetate	2.945	43	94665	48.716	ug/L	98
16) Methylene chloride	3.044	84	105746	45.246	ug/L	95
17) trans-1,2-Dichloroethene	3.350	96	94981	44.735	ug/L	94
18) Methyl tert-butyl Ether	3.359	73	302904	48.518	ug/L	99
19) 1,1-Dichloroethane	3.864	63	177572	47.688	ug/L	97
20) cis-1,2-Dichloroethene	4.662	96	106420	46.945	ug/L	93
22) 2-Butanone	4.697	43	129493	84.002	ug/L	99
23) Bromochloromethane	4.970	128	58491	45.949	ug/L	98
25) Chloroform	5.083	83	197285	47.196	ug/L	98

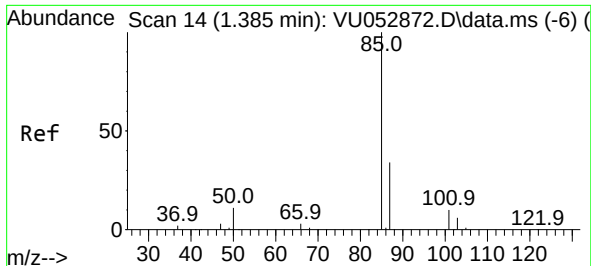
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	158535	47.906	ug/L	100
29) Cyclohexane	5.385	56	143407	47.012	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	177416	46.855	ug/L	99
31) Carbon tetrachloride	5.520	117	154729	47.140	ug/L	99
33) Benzene	5.771	78	416358	47.515	ug/L	100
34) Trichloroethene	6.536	95	100808	45.262	ug/L	95
35) Methylcyclohexane	6.758	83	163324	46.332	ug/L	98
37) 1,2-Dichloropropane	6.787	63	105290	48.874	ug/L	100
38) Bromodichloromethane	7.099	83	148674	47.028	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	154824	45.878	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	250101	98.539	ug/L	100
42) Toluene	7.964	91	437976	48.769	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	157954	47.628	ug/L	100
45) 1,1,2-Trichloroethane	8.394	97	104162	47.281	ug/L	99
46) Tetrachloroethene	8.549	164	85147	44.398	ug/L	98
48) 2-Hexanone	8.684	43	201894	94.028	ug/L	96
49) Dibromochloromethane	8.806	129	123689	46.949	ug/L	98
50) 1,2-Dibromoethane	8.919	107	112007	47.239	ug/L	99
51) Chlorobenzene	9.443	112	296589	48.002	ug/L	99
52) Ethylbenzene	9.565	91	459346	47.862	ug/L	99
53) m,p-Xylene	9.690	106	185505	47.745	ug/L	96
54) o-xylene	10.095	106	182063	49.085	ug/L	95
55) Styrene	10.108	104	315183	49.520	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	167776	47.058	ug/L	100
59) Bromoform	10.285	173	90926	45.582	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	134412	47.601	ug/L	100
61) Isopropylbenzene	10.481	105	466809	49.652	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	389225	49.721	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	382223	50.458	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	219492	46.273	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	224414	45.700	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	246441	51.366	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	36586	45.202	ug/L	97
69) 1,3,5-Trichlorobenzene	13.214	180	153850	43.812	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	147213	50.003	ug/L	98
71) Naphthalene	14.082	128	374907	44.312	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	141122	45.357	ug/L	98

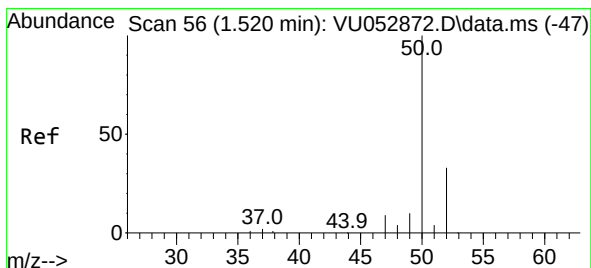
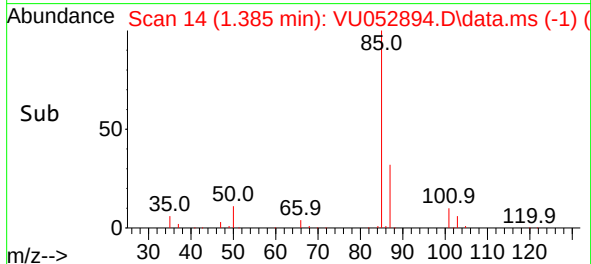
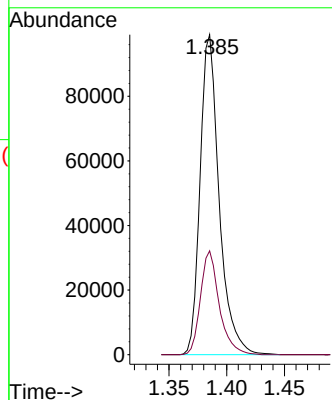
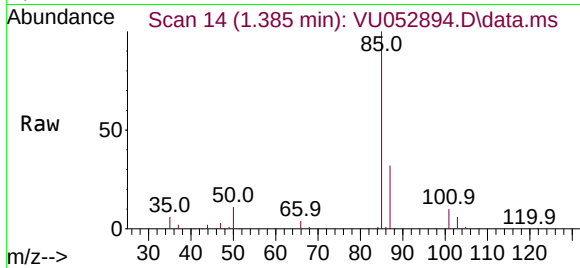
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#2
Dichlorodifluoromethane
Concen: 45.723 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

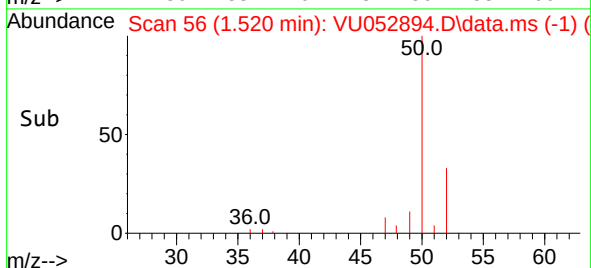
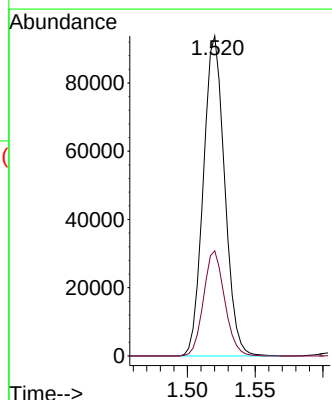
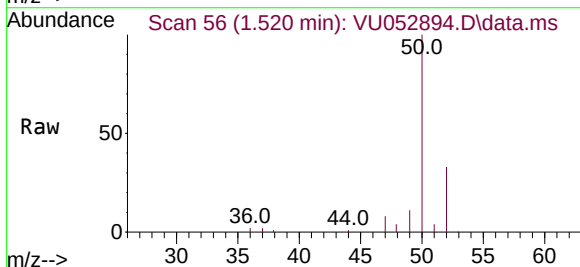
Instrument :
MSVOA_U
ClientSampleId :

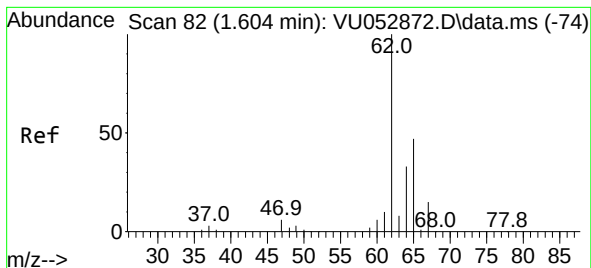
Tgt Ion: 85 Resp: 113709
Ion Ratio Lower Upper
85 100
87 31.9 26.4 39.6



#3
Chloromethane
Concen: 50.052 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

Tgt Ion: 50 Resp: 102662
Ion Ratio Lower Upper
50 100
52 32.8 23.4 43.4





#5

Vinyl chloride

Concen: 50.102 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

Instrument :

MSVOA_U

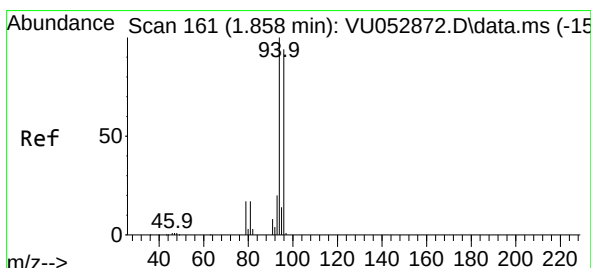
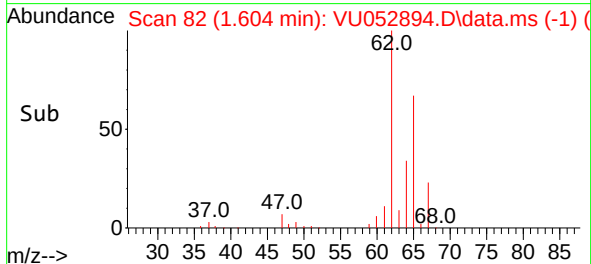
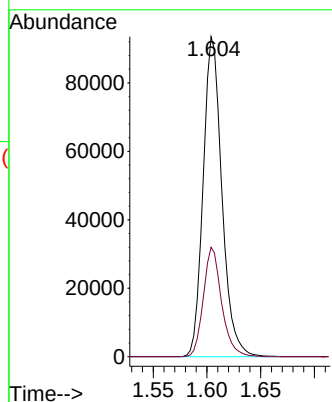
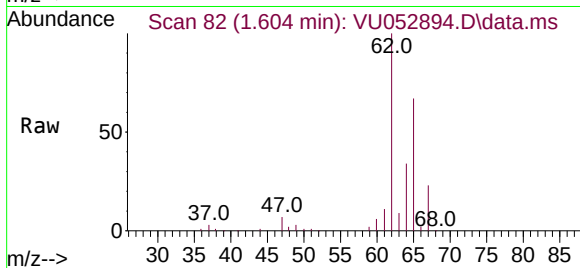
ClientSampleId :

Tgt Ion: 62 Resp: 113687

Ion Ratio Lower Upper

62 100

64 34.2 22.4 41.6



#6

Bromomethane

Concen: 50.837 ug/L

RT: 1.851 min Scan# 159

Delta R.T. -0.006 min

Lab File: VU052894.D

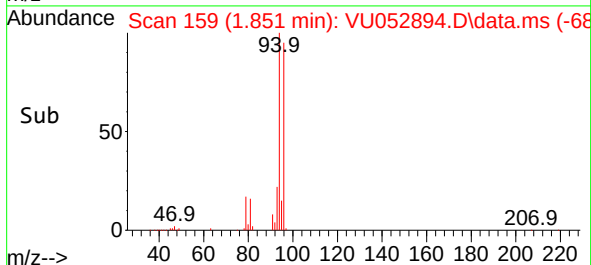
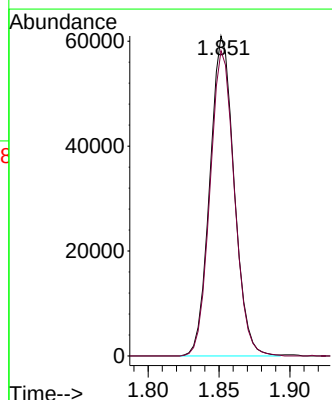
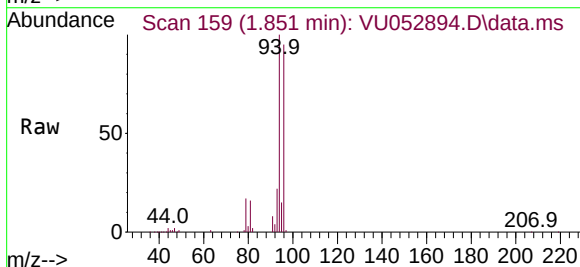
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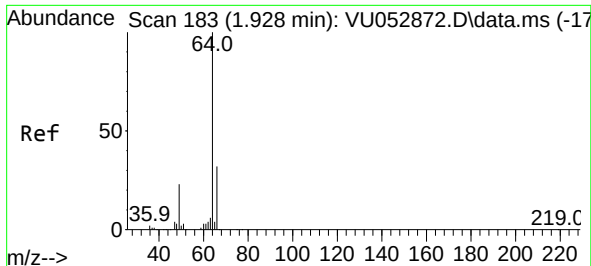
Tgt Ion: 94 Resp: 72749

Ion Ratio Lower Upper

94 100

96 95.4 67.8 125.8

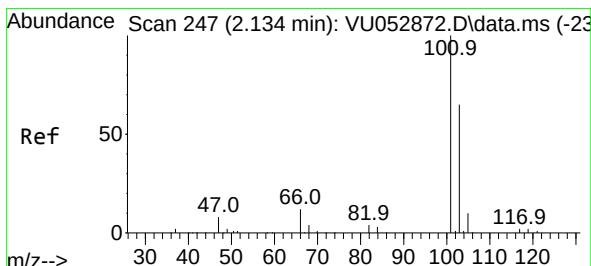
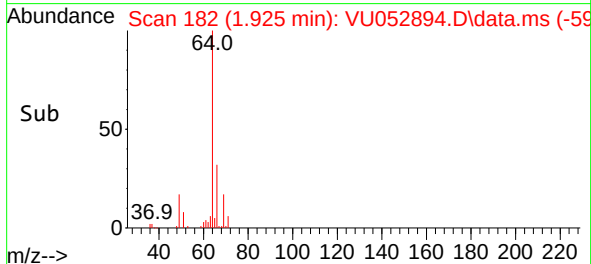
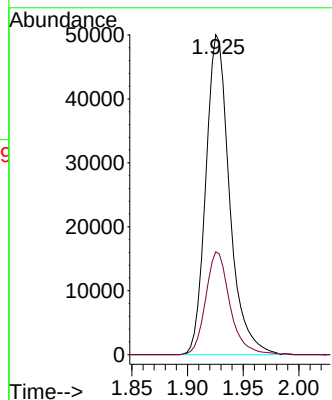
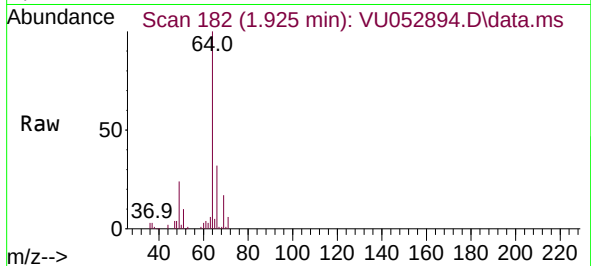




#8
Chloroethane
Concen: 52.051 ug/L
RT: 1.925 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

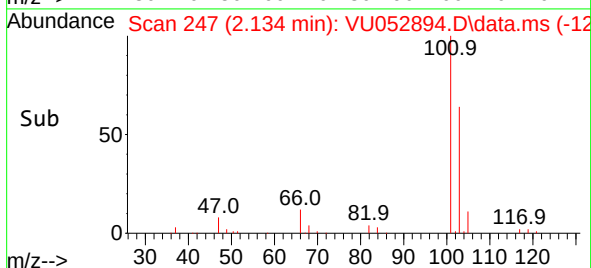
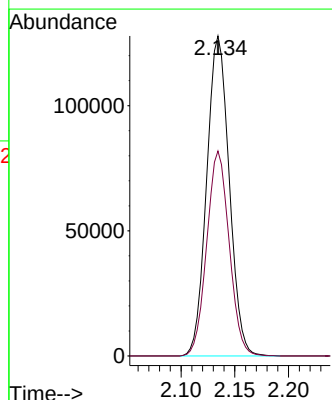
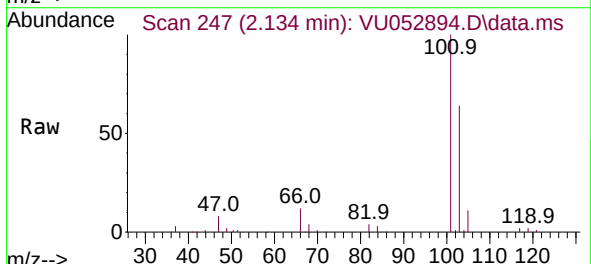
Instrument :
MSVOA_U
ClientSampleId :

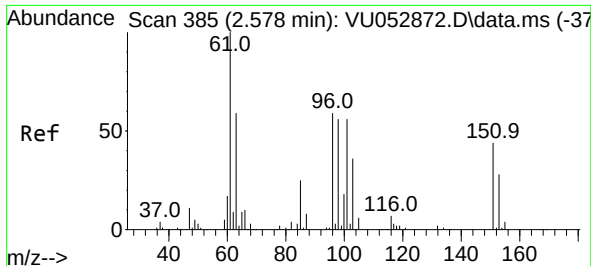
Tgt Ion: 64 Resp: 74183
Ion Ratio Lower Upper
64 100
66 32.2 24.1 44.7



#9
Trichlorofluoromethane
Concen: 49.018 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

Tgt Ion:101 Resp: 186297
Ion Ratio Lower Upper
101 100
103 63.7 52.0 78.0

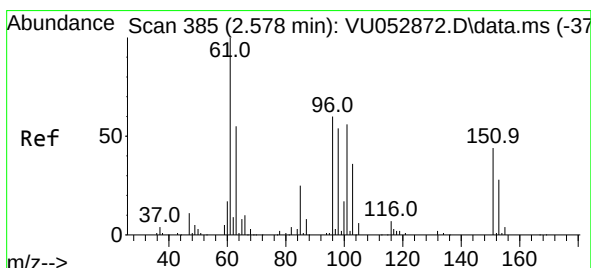
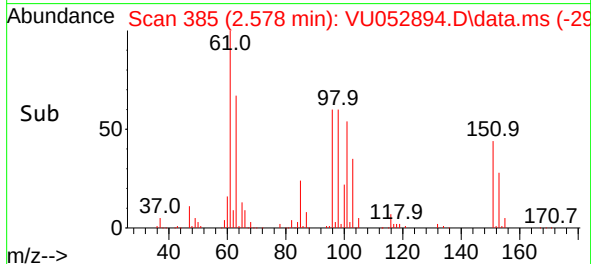
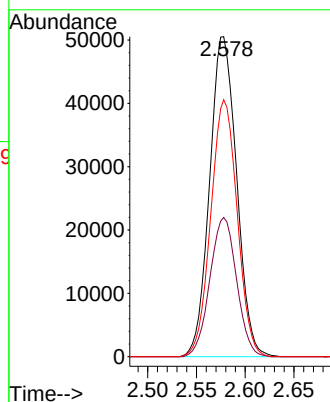
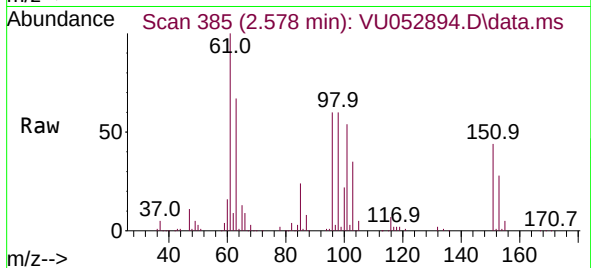




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.444 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU052894.D
 Acq: 31 Jan 2023 21:11

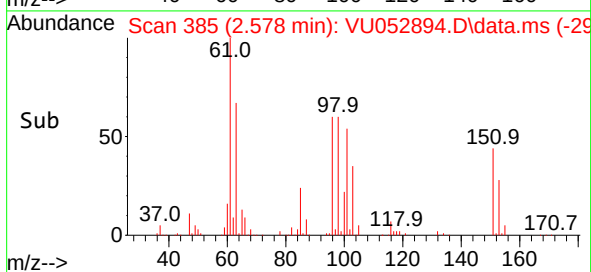
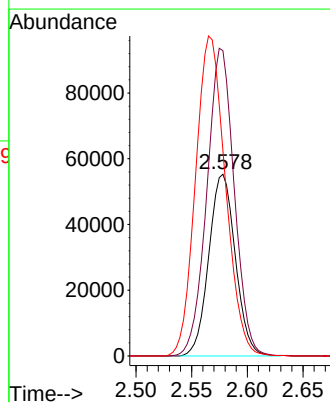
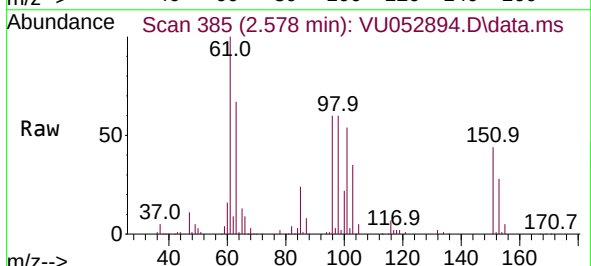
Instrument :
 MSVOA_U
 ClientSampleId :

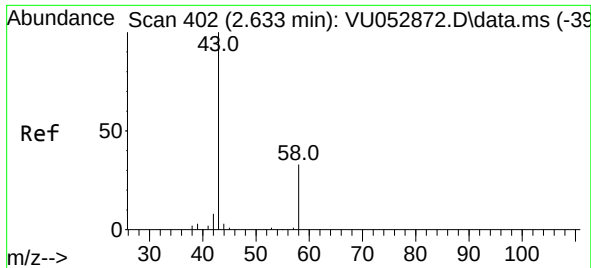
Tgt Ion:101 Resp: 97352
 Ion Ratio Lower Upper
 101 100
 85 43.0 32.9 49.3
 151 78.6 62.6 94.0



#12
 1,1-Dichloroethene
 Concen: 46.601 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU052894.D
 Acq: 31 Jan 2023 21:11

Tgt Ion: 96 Resp: 91557
 Ion Ratio Lower Upper
 96 100
 61 168.0 114.3 212.3
 63 113.0 80.6 149.6





#13

Acetone

Concen: 63.062 ug/L

RT: 2.626 min Scan# 402

Delta R.T. -0.006 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

Instrument :

MSVOA_U

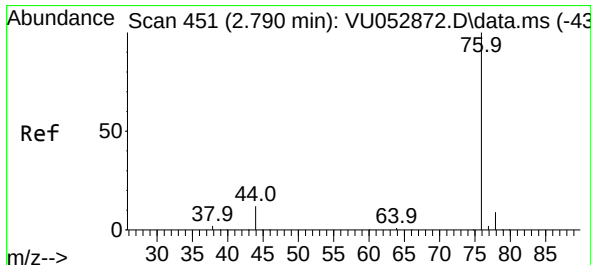
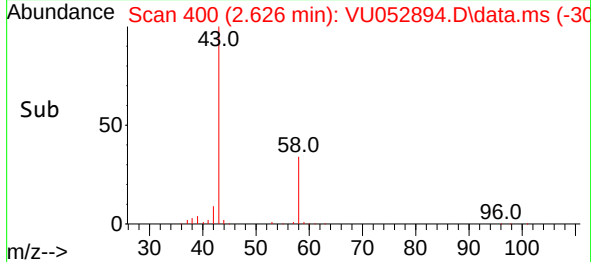
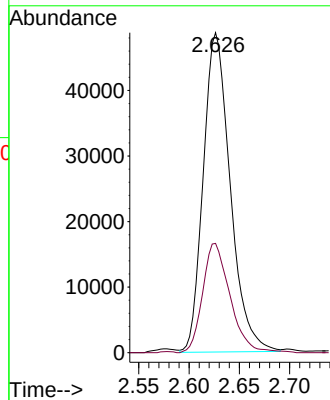
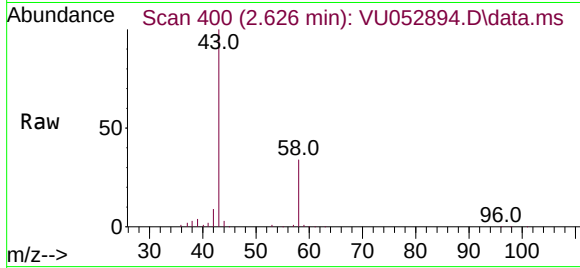
ClientSampleId :

Tgt Ion: 43 Resp: 90950

Ion Ratio Lower Upper

43 100

58 34.8 0.0 70.2



#14

Carbon disulfide

Concen: 44.036 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU052894.D

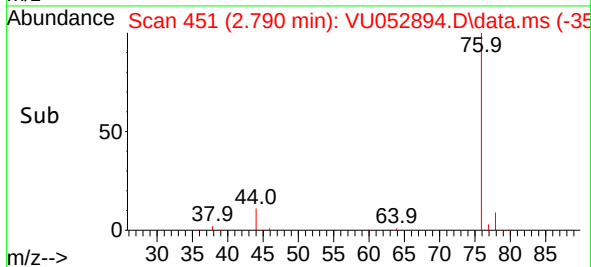
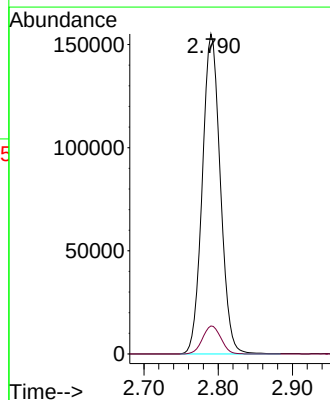
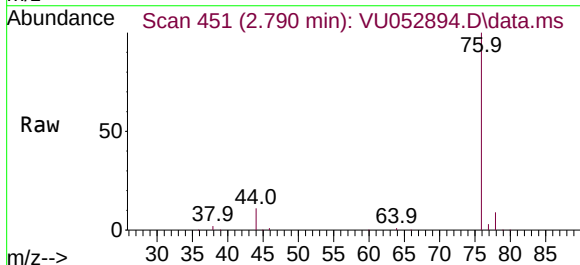
Acq: 31 Jan 2023 21:11

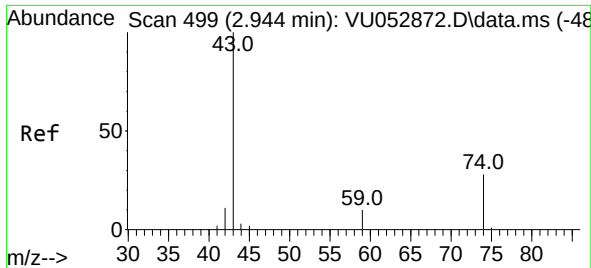
Tgt Ion: 76 Resp: 261305

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7

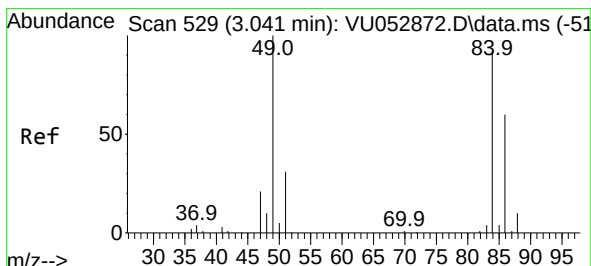
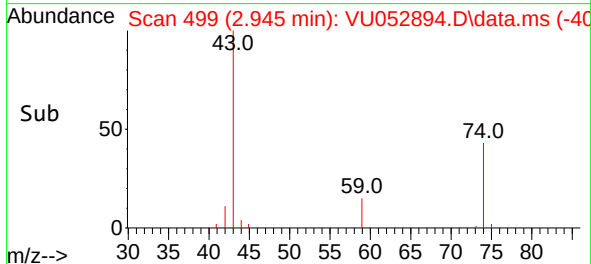
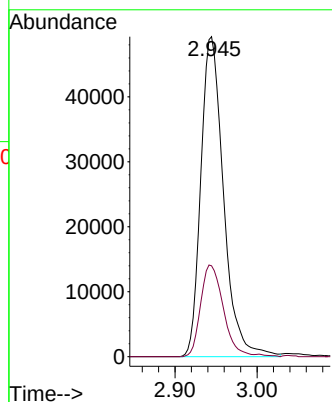
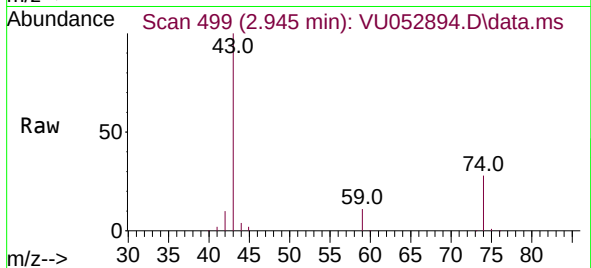




#15
Methyl Acetate
Concen: 48.716 ug/L
RT: 2.945 min Scan# 49
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

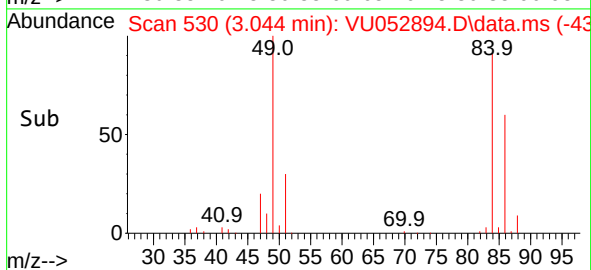
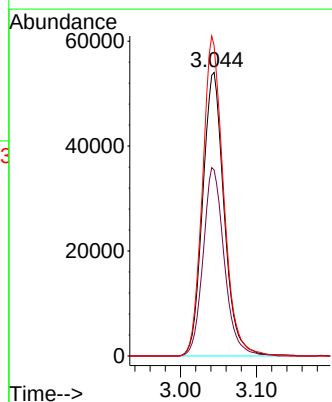
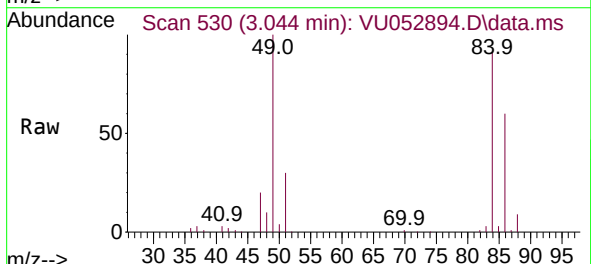
Instrument :
MSVOA_U
ClientSampleId :

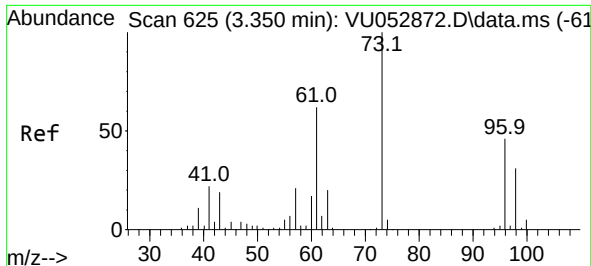
Tgt Ion: 43 Resp: 94665
Ion Ratio Lower Upper
43 100
74 28.5 22.0 33.0



#16
Methylene chloride
Concen: 45.246 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

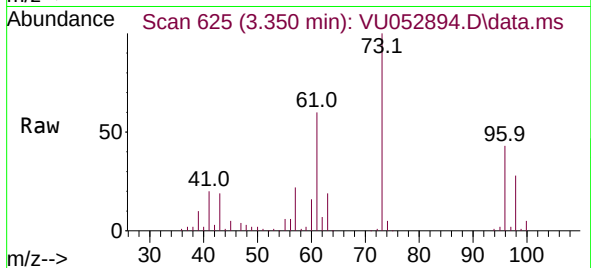
Tgt Ion: 84 Resp: 105746
Ion Ratio Lower Upper
84 100
86 65.5 43.4 80.6
49 109.4 72.4 134.5



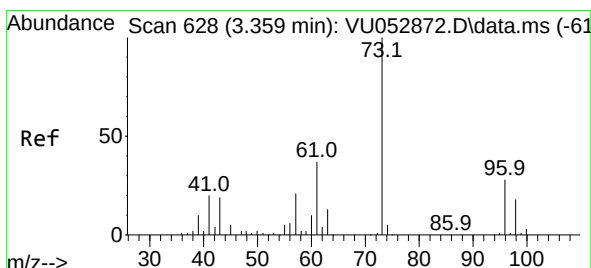
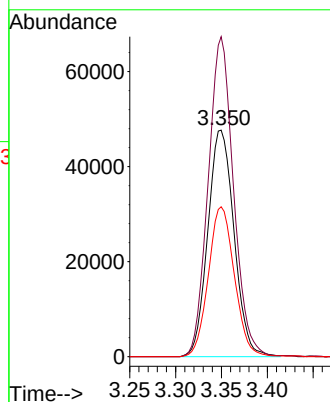
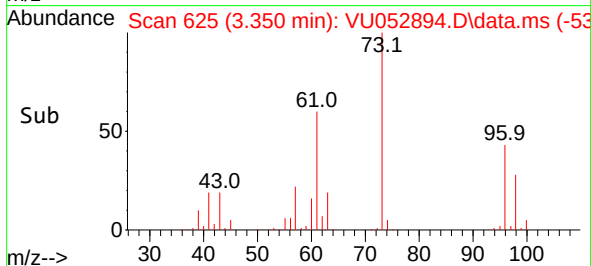


#17
trans-1,2-Dichloroethene
Concen: 44.735 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

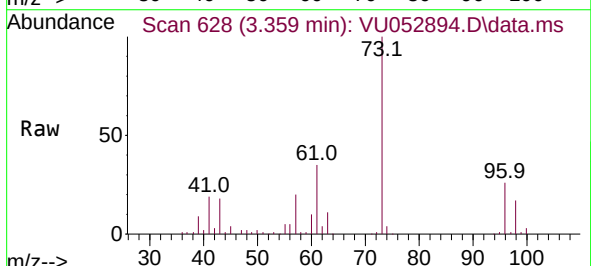
Instrument :
MSVOA_U
ClientSampleId :



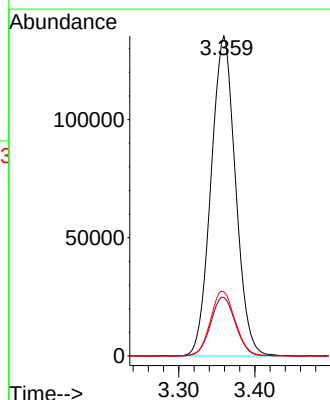
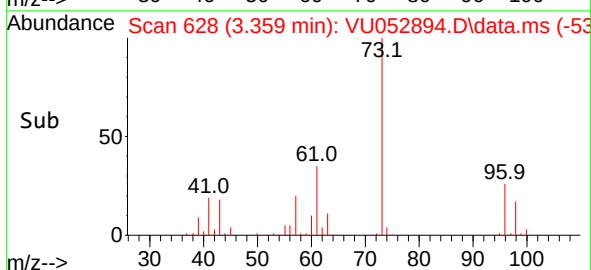
Tgt Ion: 96 Resp: 94981
Ion Ratio Lower Upper
96 100
61 141.3 92.7 172.3
98 66.2 44.7 82.9

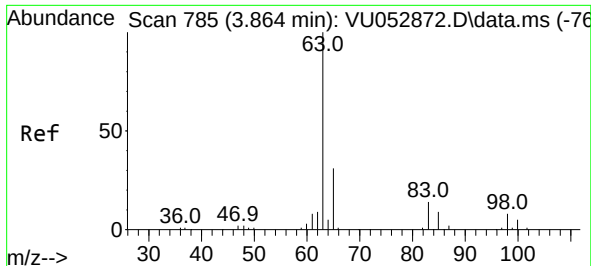


#18
Methyl tert-butyl Ether
Concen: 48.518 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11



Tgt Ion: 73 Resp: 302904
Ion Ratio Lower Upper
73 100
43 18.7 14.2 21.2
57 20.4 16.3 24.5





#19

1,1-Dichloroethane

Concen: 47.688 ug/L

RT: 3.864 min Scan# 785

Delta R.T. 0.000 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

Instrument :

MSVOA_U

ClientSampleId :

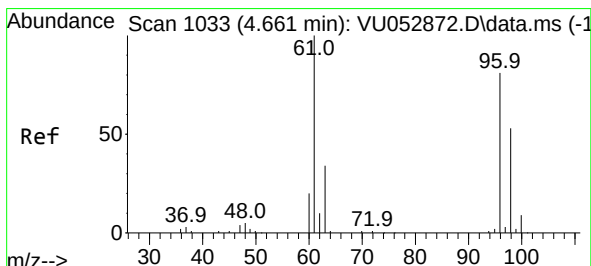
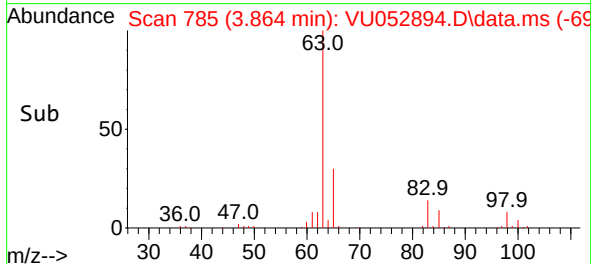
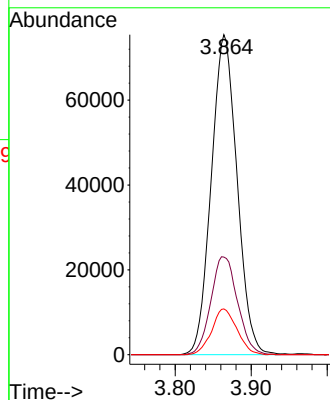
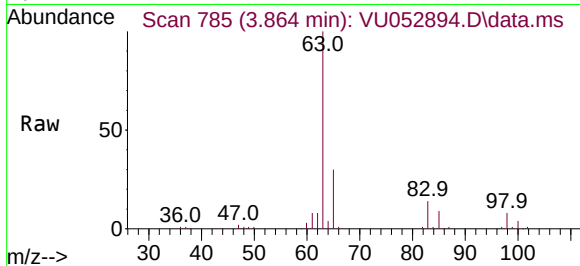
Tgt Ion: 63 Resp: 177572

Ion Ratio Lower Upper

63 100

65 30.5 22.4 41.6

83 14.3 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 46.945 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

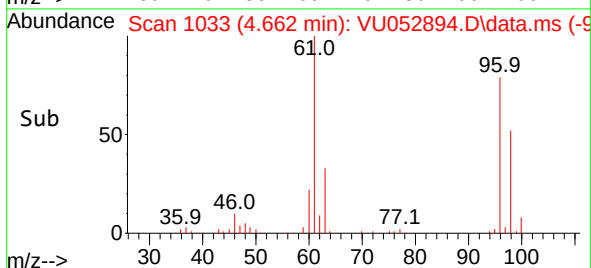
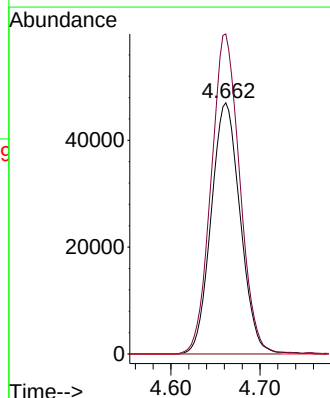
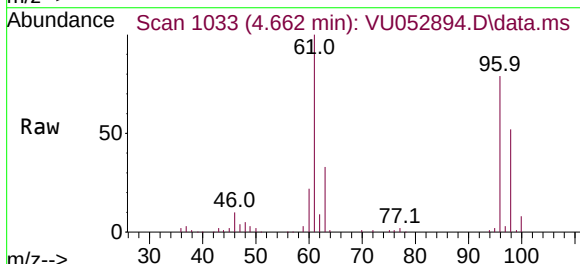
Tgt Ion: 96 Resp: 106420

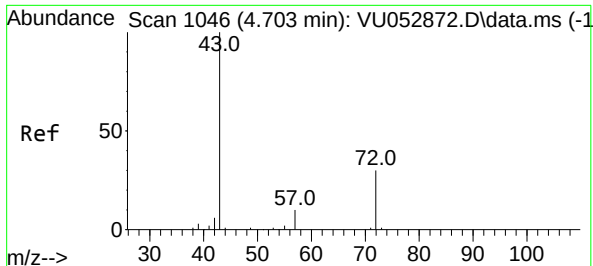
Ion Ratio Lower Upper

96 100

61 127.4 84.1 156.1

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 84.002 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

Instrument :

MSVOA_U

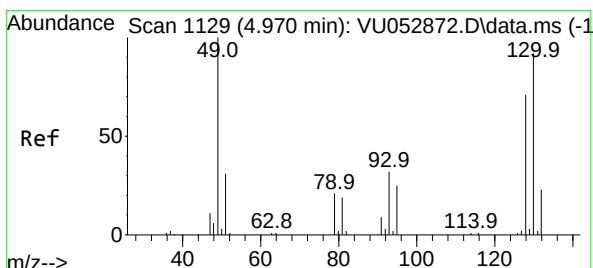
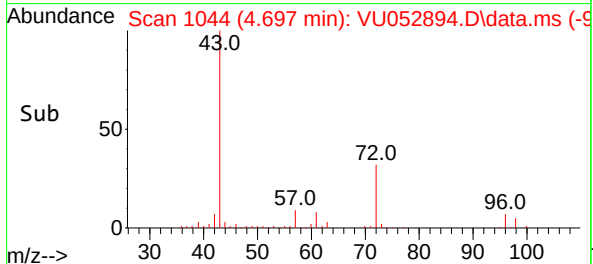
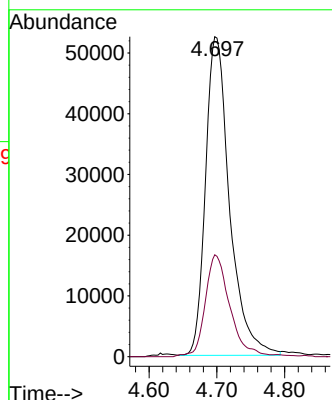
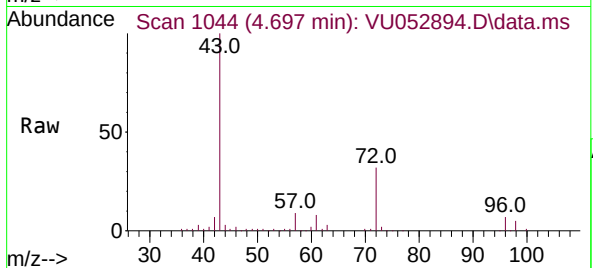
ClientSampleId :

Tgt Ion: 43 Resp: 129493

Ion Ratio Lower Upper

43 100

72 31.4 15.5 46.5



#23

Bromochloromethane

Concen: 45.949 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

Tgt Ion: 128 Resp: 58491

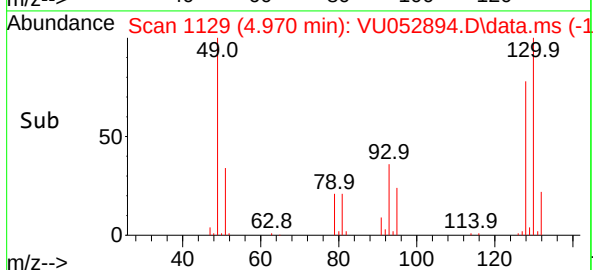
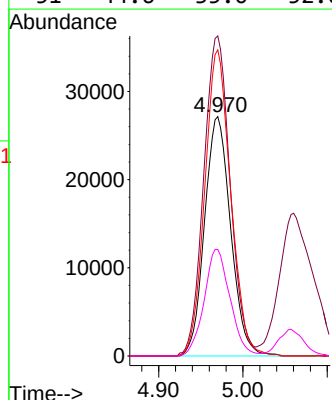
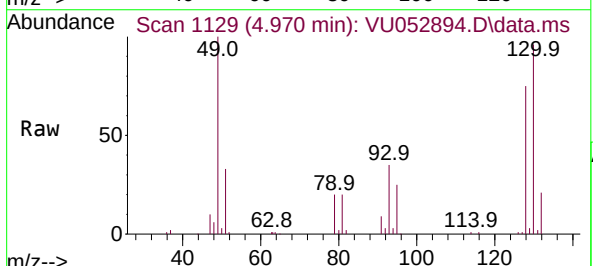
Ion Ratio Lower Upper

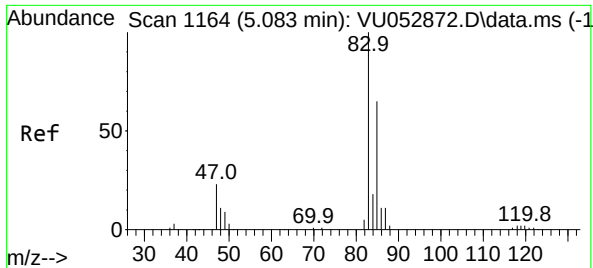
128 100

49 133.7 90.1 167.3

130 127.9 90.1 167.3

51 44.6 35.0 52.6





#25

Chloroform

Concen: 47.196 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

Instrument :

MSVOA_U

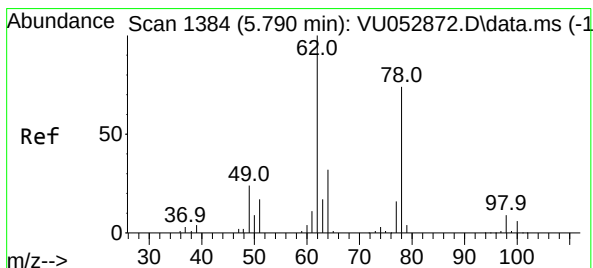
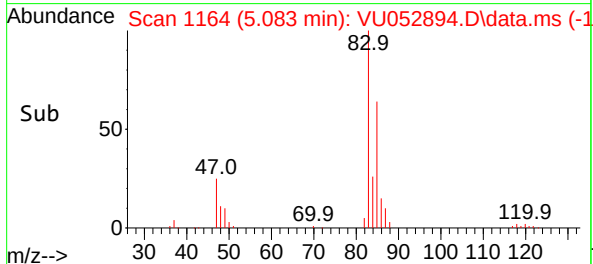
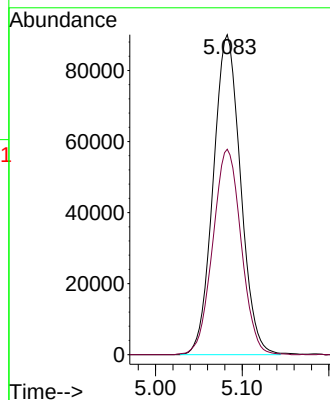
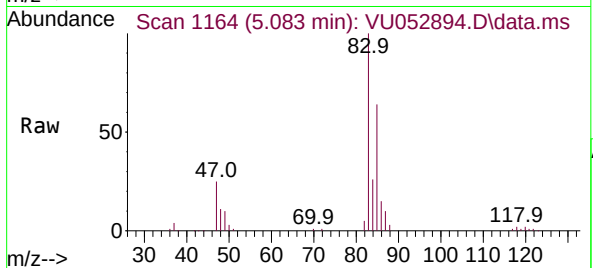
ClientSampleId :

Tgt Ion: 83 Resp: 197285

Ion Ratio Lower Upper

83 100

85 64.2 45.8 85.0



#27

1,2-Dichloroethane

Concen: 47.906 ug/L

RT: 5.787 min Scan# 1383

Delta R.T. -0.003 min

Lab File: VU052894.D

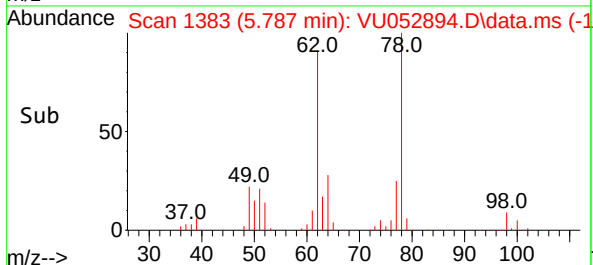
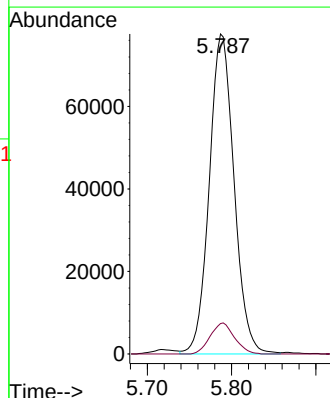
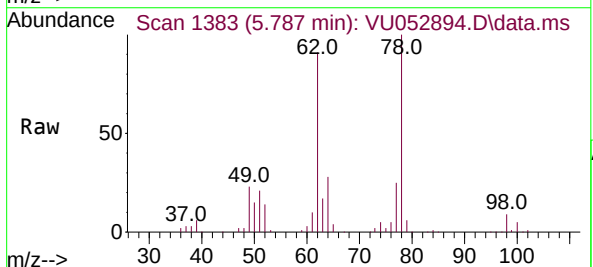
Acq: 31 Jan 2023 21:11

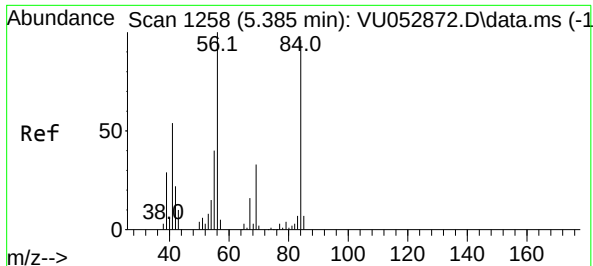
Tgt Ion: 62 Resp: 158535

Ion Ratio Lower Upper

62 100

98 9.5 7.6 11.4





#29

Cyclohexane

Concen: 47.012 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

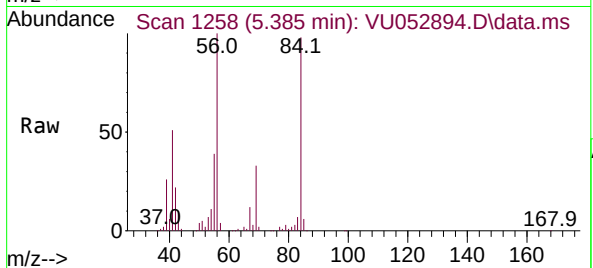
Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

Instrument :

MSVOA_U

ClientSampleId :



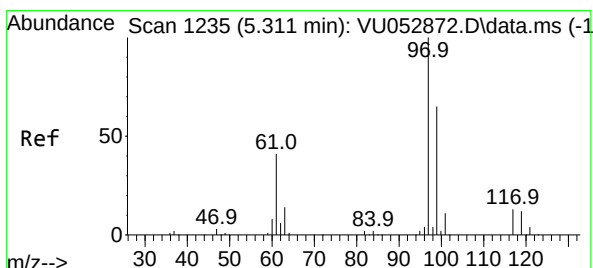
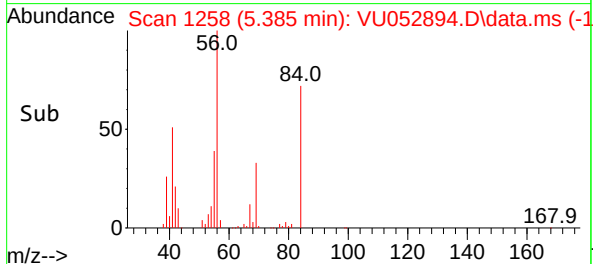
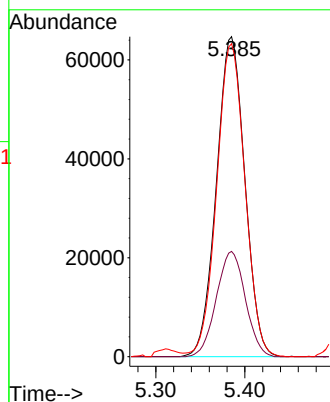
Tgt Ion: 56 Resp: 143407

Ion Ratio Lower Upper

56 100

69 33.5 26.6 40.0

84 97.4 77.0 115.4



#30

1,1,1-Trichloroethane

Concen: 46.855 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

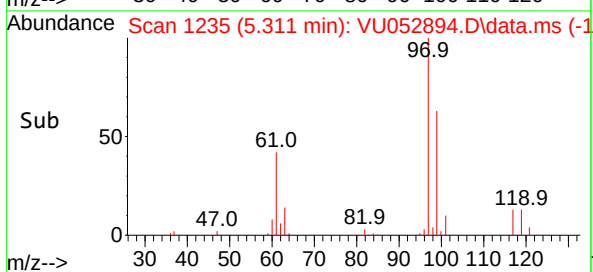
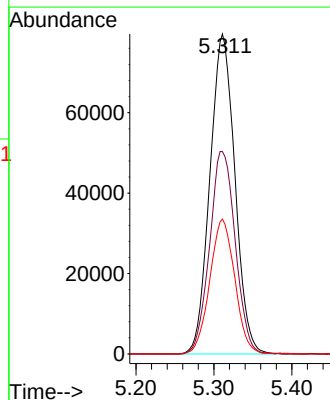
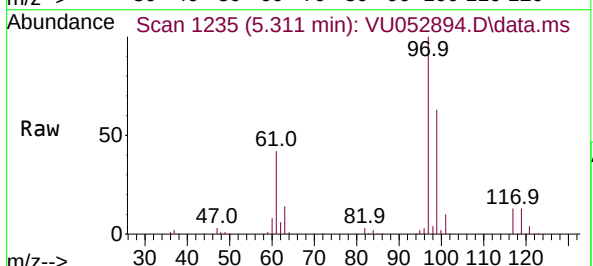
Tgt Ion: 97 Resp: 177416

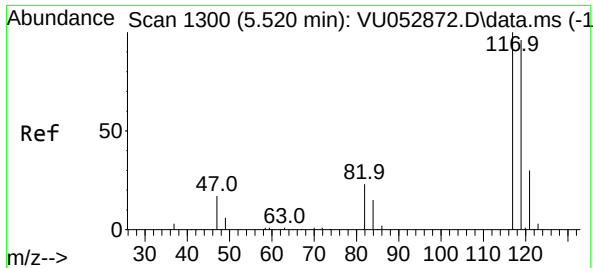
Ion Ratio Lower Upper

97 100

99 65.1 51.4 77.0

61 42.2 33.0 49.6

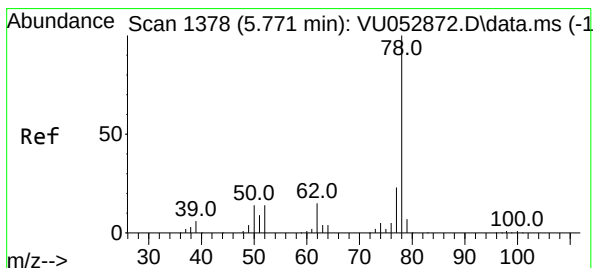
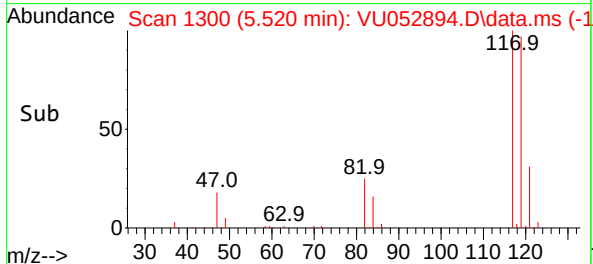
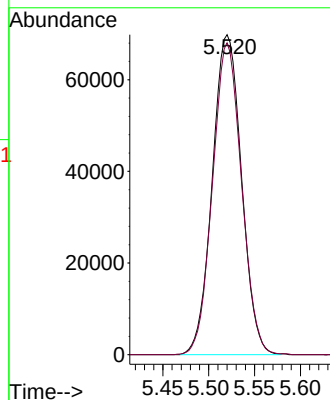
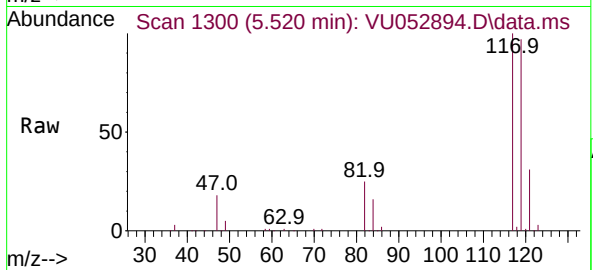




#31
Carbon tetrachloride
Concen: 47.140 ug/L
RT: 5.520 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

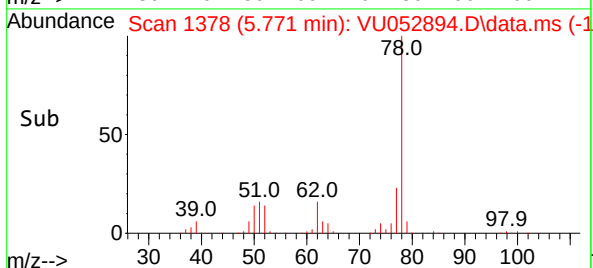
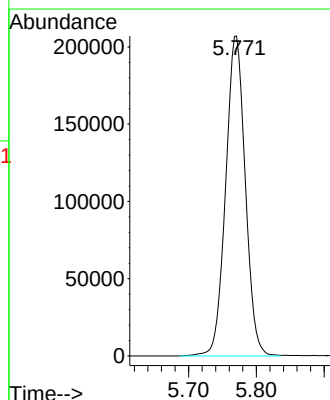
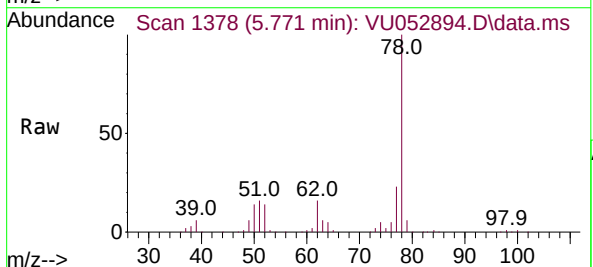
Instrument :
MSVOA_U
ClientSampleId :

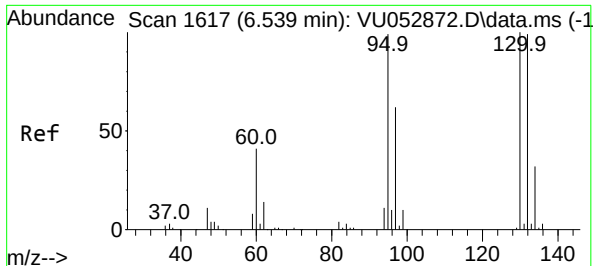
Tgt Ion:117 Resp: 154729
Ion Ratio Lower Upper
117 100
119 96.4 76.2 114.4



#33
Benzene
Concen: 47.515 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

Tgt Ion: 78 Resp: 416358





#34

Trichloroethene

Concen: 45.262 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 100808

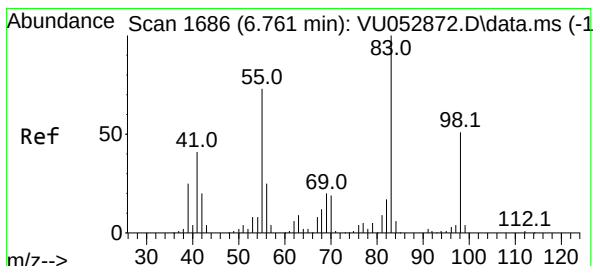
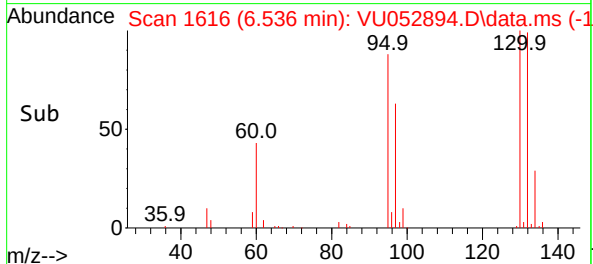
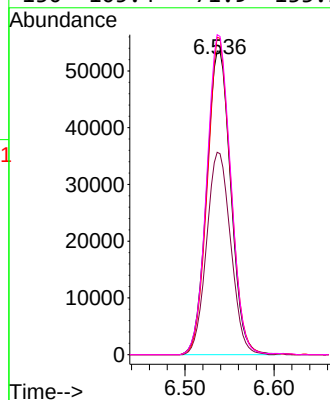
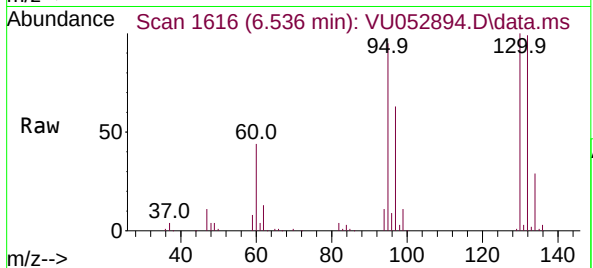
Ion Ratio Lower Upper

95 100

97 66.7 44.5 82.7

132 104.5 66.8 124.0

130 105.4 71.9 133.5



#35

Methylcyclohexane

Concen: 46.332 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. -0.003 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

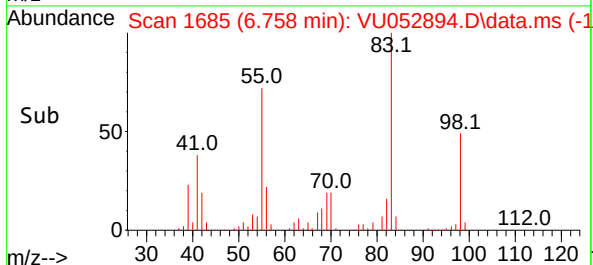
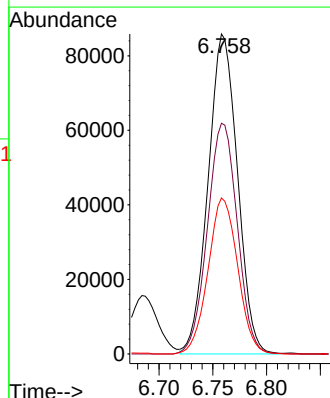
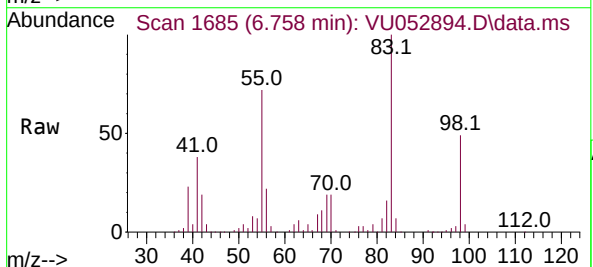
Tgt Ion: 83 Resp: 163324

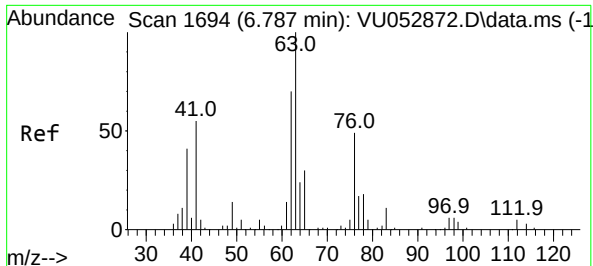
Ion Ratio Lower Upper

83 100

55 73.3 57.1 85.7

98 49.2 38.9 58.3





#37

1,2-Dichloropropane

Concen: 48.874 ug/L

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

Instrument :

MSVOA_U

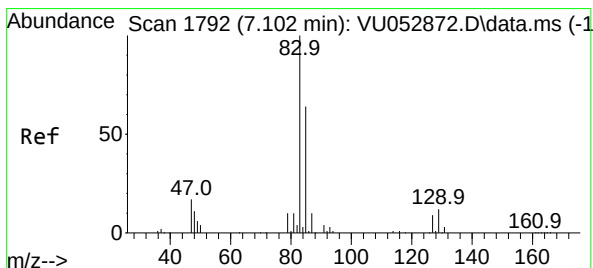
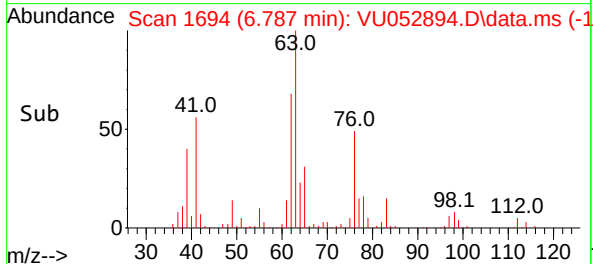
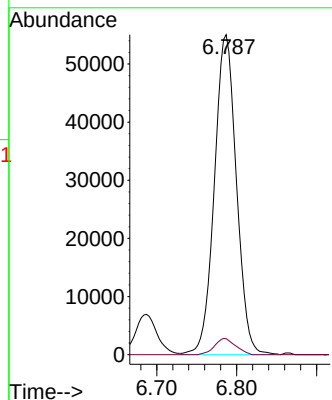
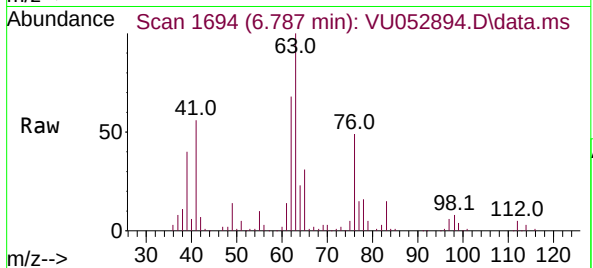
ClientSampleId :

Tgt Ion: 63 Resp: 105290

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 47.028 ug/L

RT: 7.099 min Scan# 1791

Delta R.T. -0.003 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

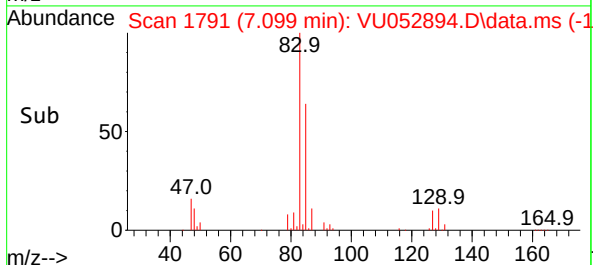
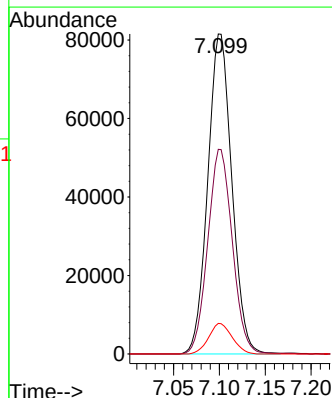
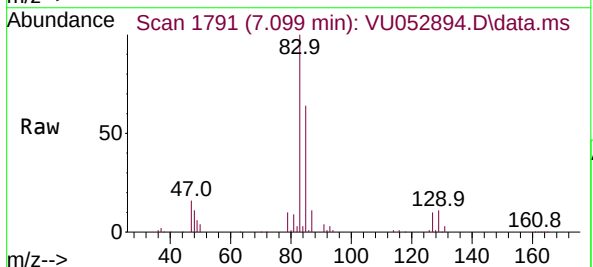
Tgt Ion: 83 Resp: 148674

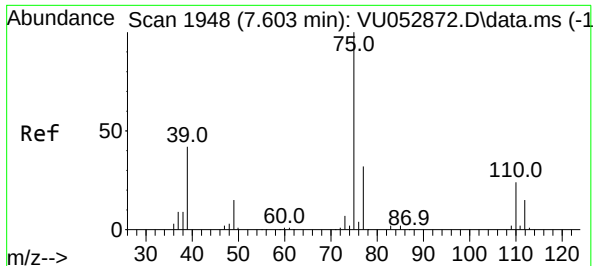
Ion Ratio Lower Upper

83 100

85 64.0 45.2 84.0

127 9.5 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 45.878 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

Instrument :

MSVOA_U

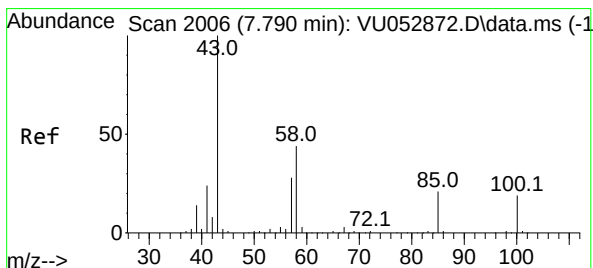
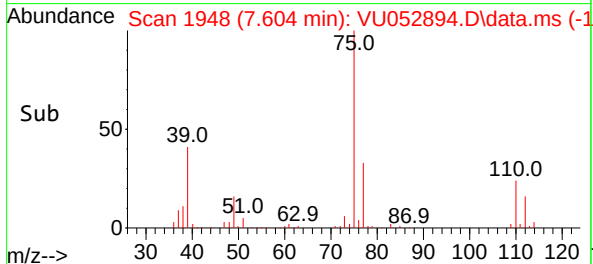
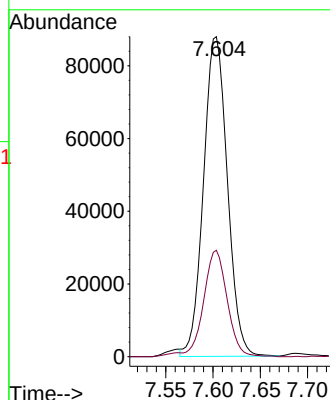
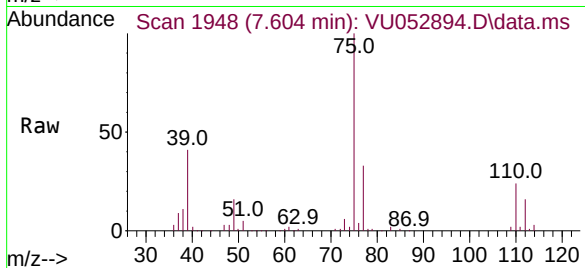
ClientSampleId :

Tgt Ion: 75 Resp: 154824

Ion Ratio Lower Upper

75 100

77 33.2 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 98.539 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

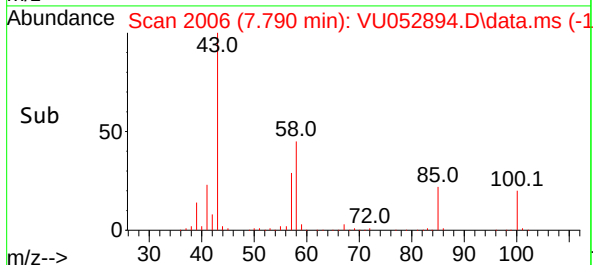
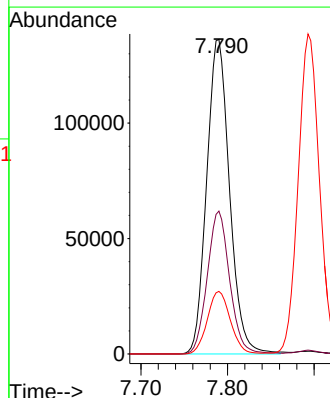
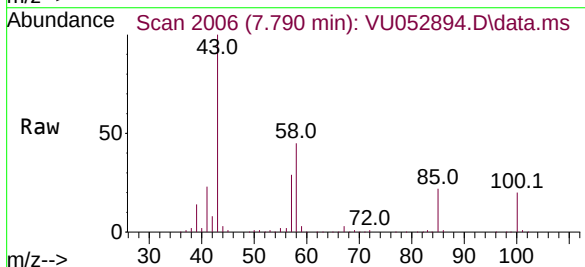
Tgt Ion: 43 Resp: 250101

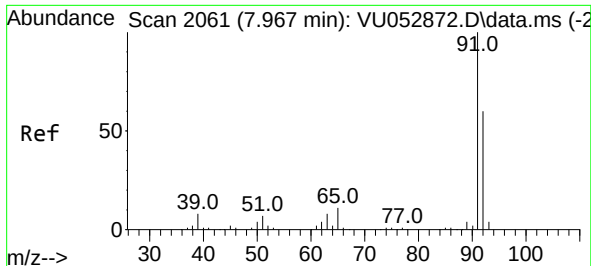
Ion Ratio Lower Upper

43 100

58 44.4 35.4 53.2

100 20.0 16.0 24.0





#42

Toluene

Concen: 48.769 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. -0.003 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

Instrument :

MSVOA_U

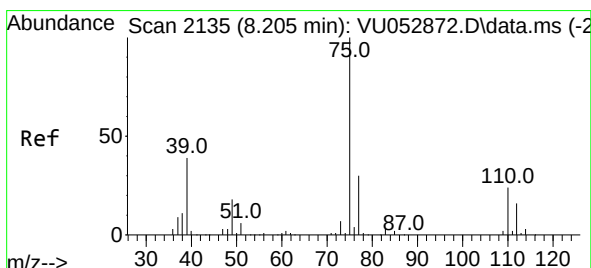
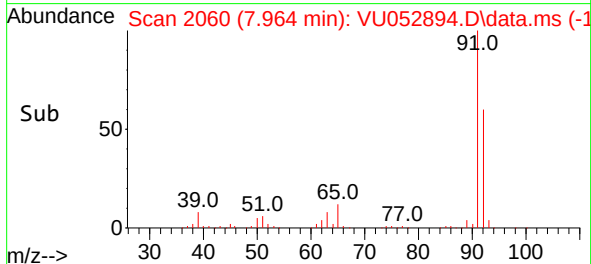
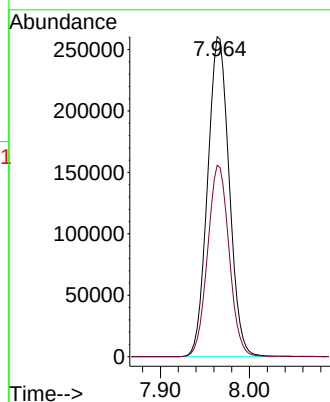
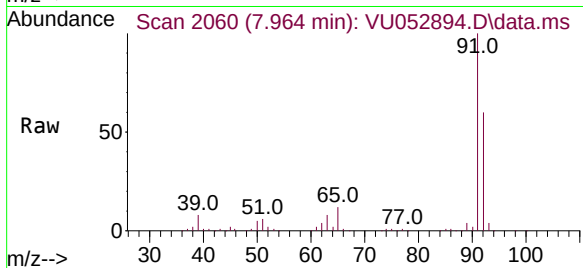
ClientSampleId :

Tgt Ion: 91 Resp: 437976

Ion Ratio Lower Upper

91 100

92 59.8 42.6 79.0



#44

trans-1,3-Dichloropropene

Concen: 47.628 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU052894.D

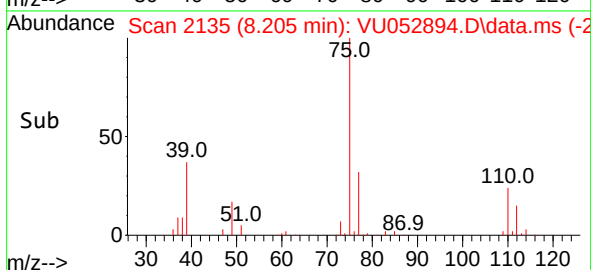
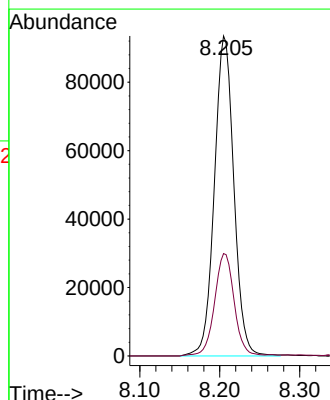
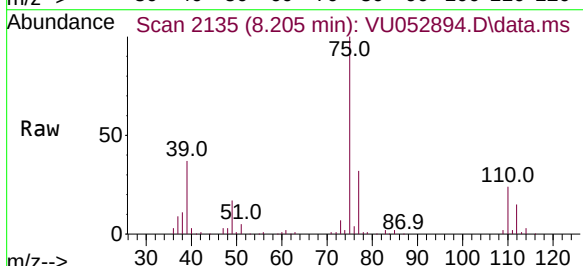
Acq: 31 Jan 2023 21:11

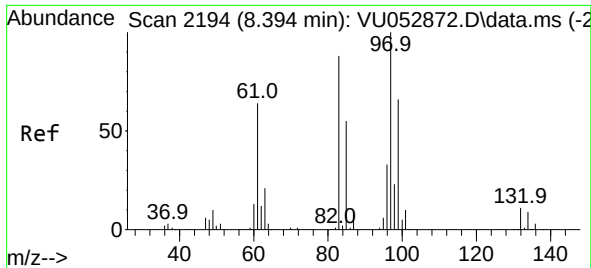
Tgt Ion: 75 Resp: 157954

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.3



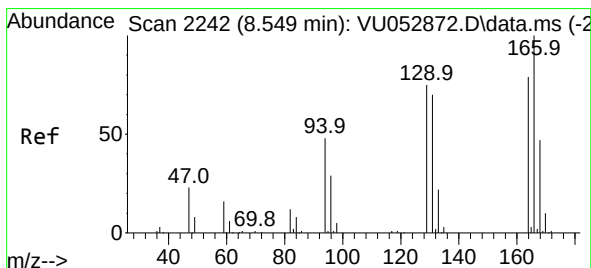
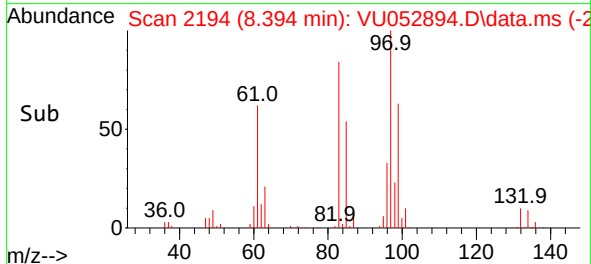
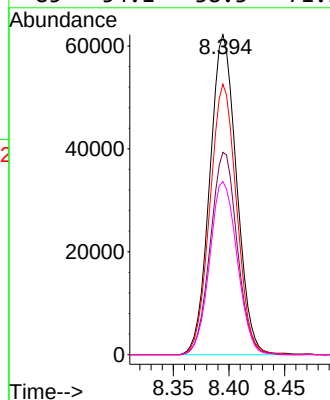
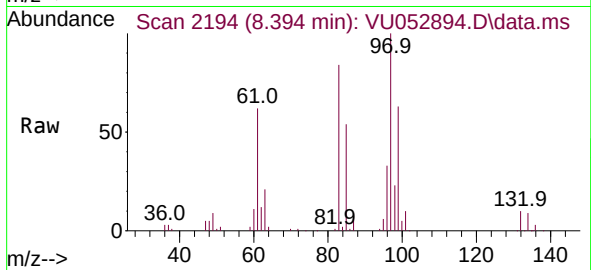


#45
1,1,2-Trichloroethane
Concen: 47.281 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 104162

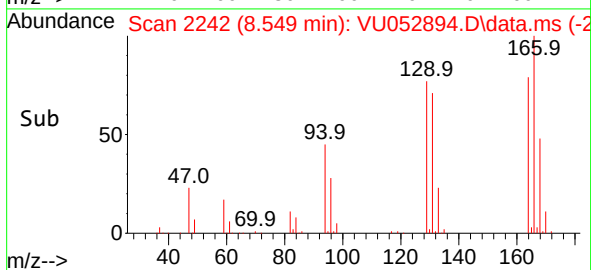
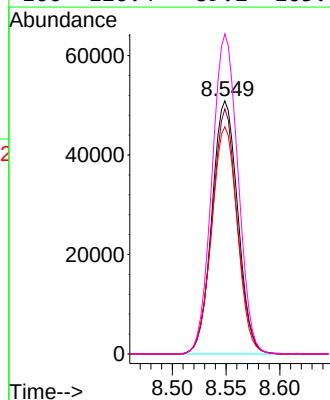
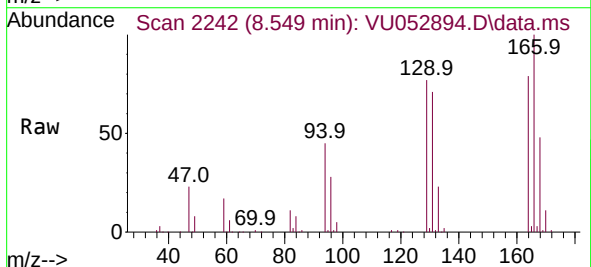
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.7	83.1
83	84.5	60.3	112.1
85	54.1	38.3	71.1

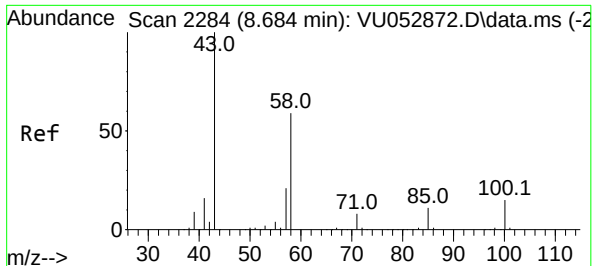


#46
Tetrachloroethene
Concen: 44.398 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

Tgt Ion: 164 Resp: 85147

Ion	Ratio	Lower	Upper
164	100		
129	96.8	64.8	120.3
131	89.8	61.2	113.6
166	126.4	89.2	165.8

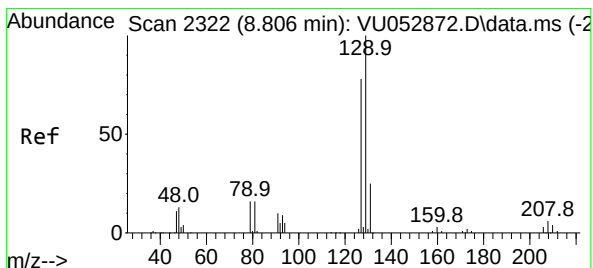
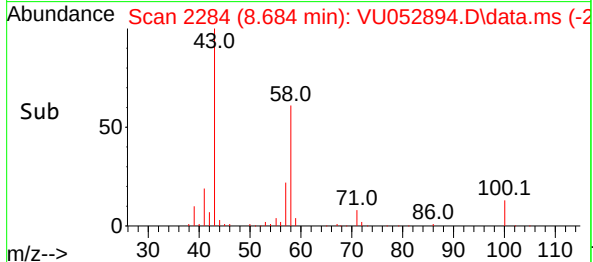
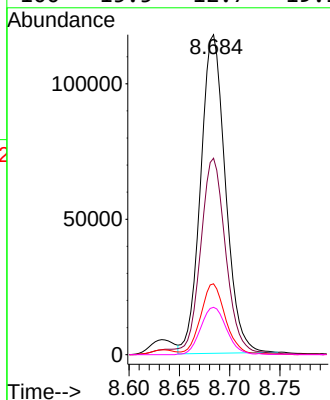
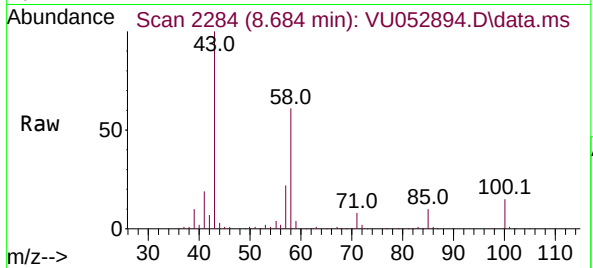




#48
2-Hexanone
Concen: 94.028 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

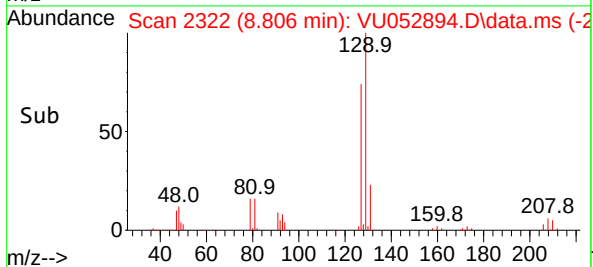
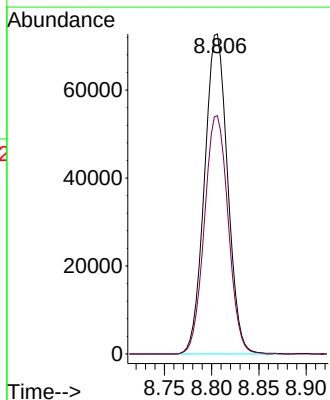
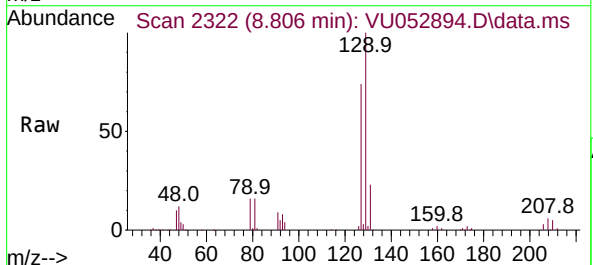
Instrument :
MSVOA_U
ClientSampleId :

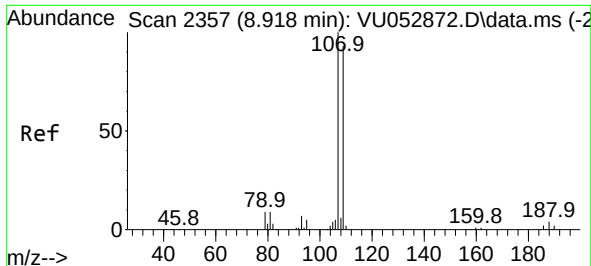
Tgt Ion: 43	Resp: 201894
Ion Ratio	Lower Upper
43 100	
58 64.3	48.0 72.0
57 22.6	16.8 25.2
100 15.5	12.7 19.1



#49
Dibromochloromethane
Concen: 46.949 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

Tgt	Ion:129	Resp:	123689
Ion	Ratio	Lower	Upper
129	100		
127	74.4	53.2	98.8





#50

1,2-Dibromoethane

Concen: 47.239 ug/L

RT: 8.919 min Scan# 21

Delta R.T. 0.000 min

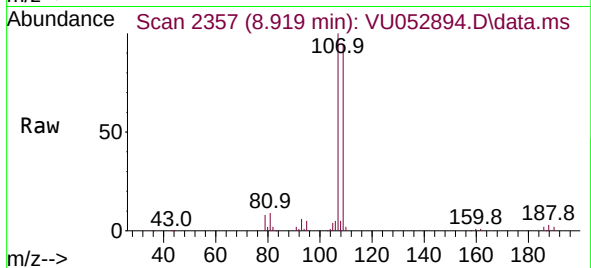
Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

Instrument :

MSVOA_U

ClientSampleId :



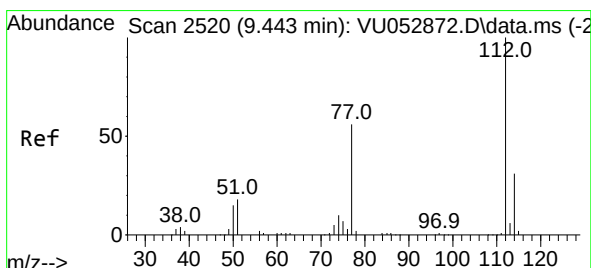
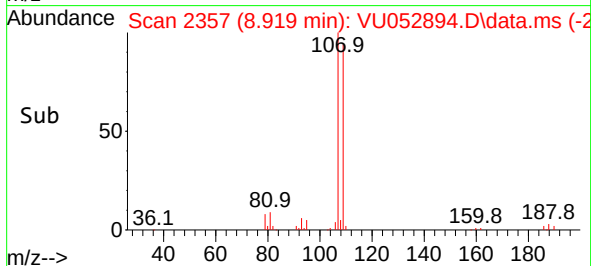
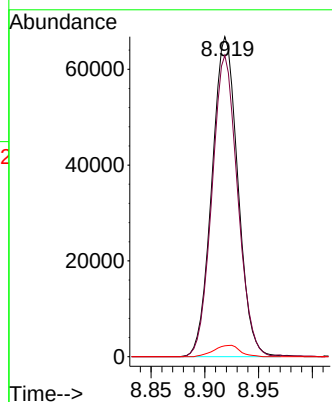
Tgt Ion:107 Resp: 112007

Ion Ratio Lower Upper

107 100

109 94.2 65.5 121.6

188 3.4 3.2 4.8



#51

Chlorobenzene

Concen: 48.002 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

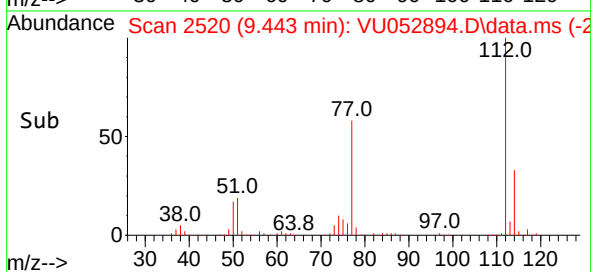
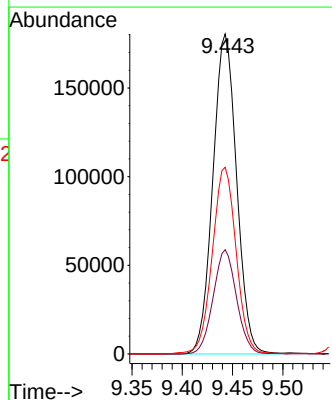
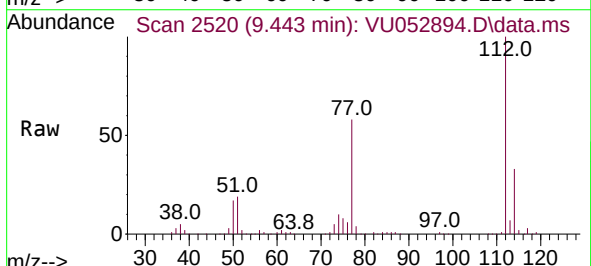
Tgt Ion:112 Resp: 296589

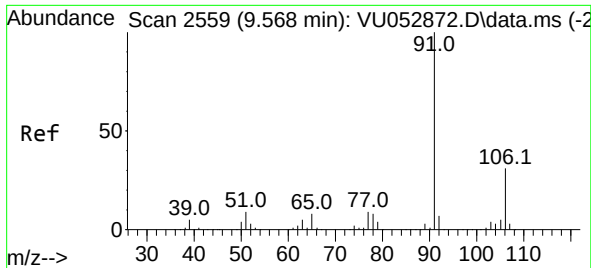
Ion Ratio Lower Upper

112 100

114 32.6 22.8 42.4

77 58.4 45.9 68.9

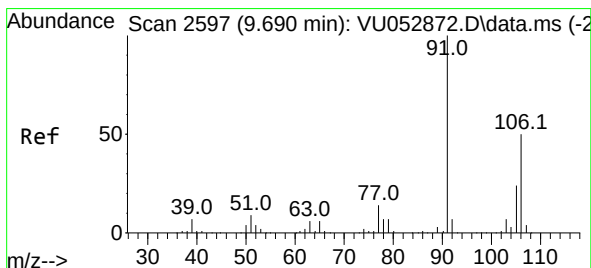
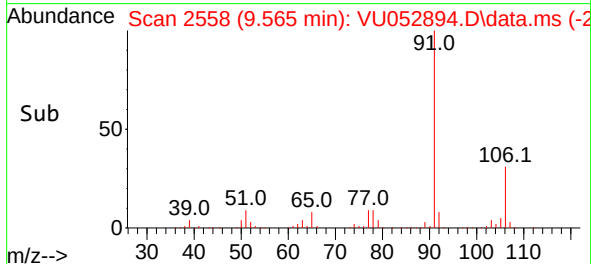
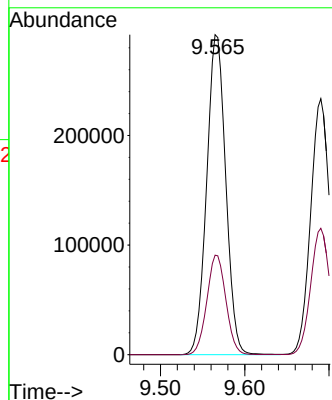
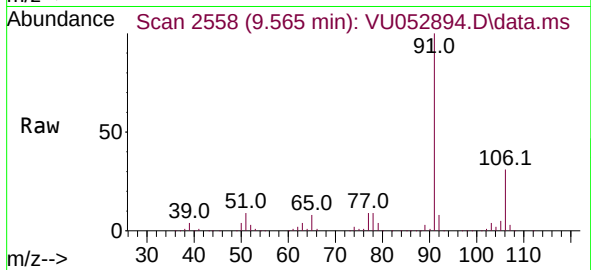




#52
Ethylbenzene
Concen: 47.862 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.003 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

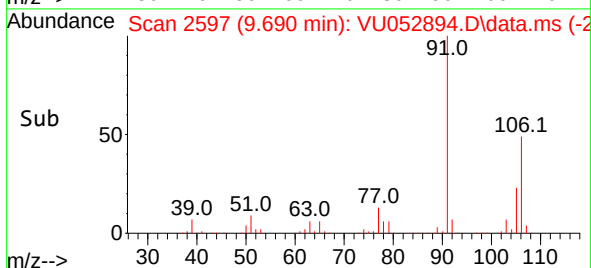
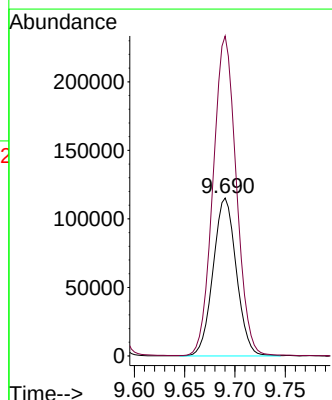
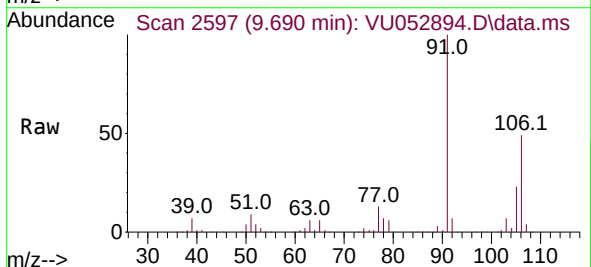
Instrument :
MSVOA_U
ClientSampleId :

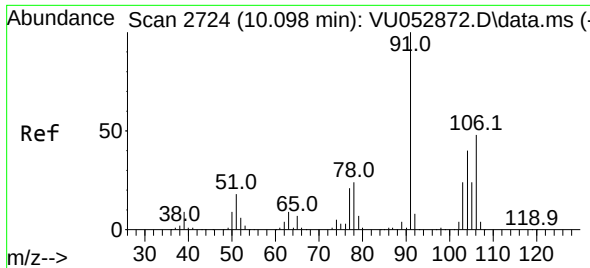
Tgt Ion: 91 Resp: 459346
Ion Ratio Lower Upper
91 100
106 31.1 22.0 40.8



#53
m,p-Xylene
Concen: 47.745 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

Tgt Ion: 106 Resp: 185505
Ion Ratio Lower Upper
106 100
91 202.6 137.4 255.2

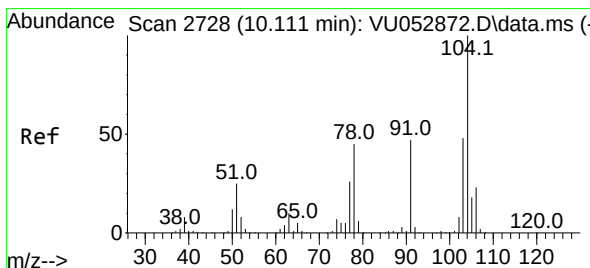
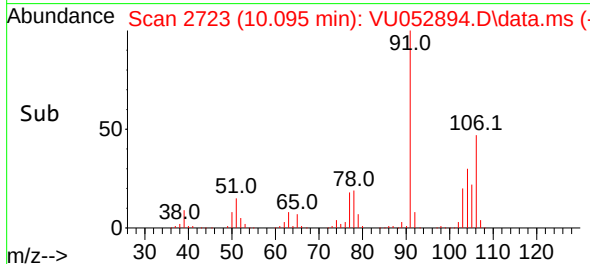
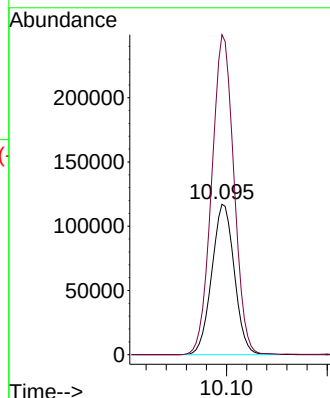
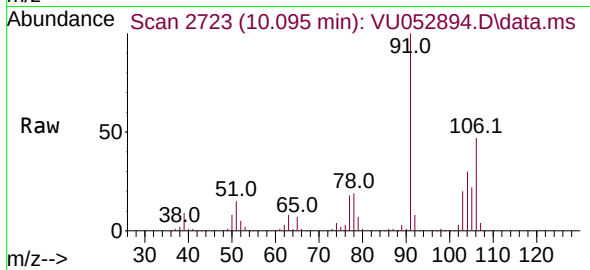




#54
o-xylene
Concen: 49.085 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. -0.003 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

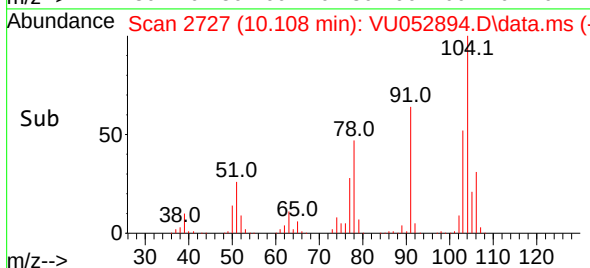
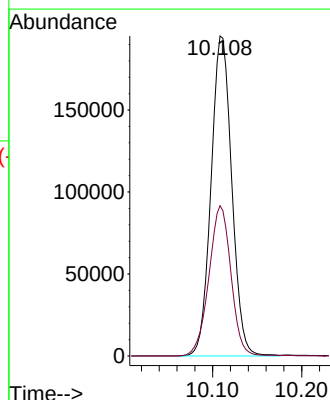
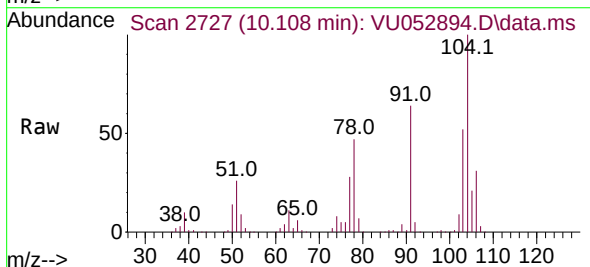
Instrument :
MSVOA_U
ClientSampleId :

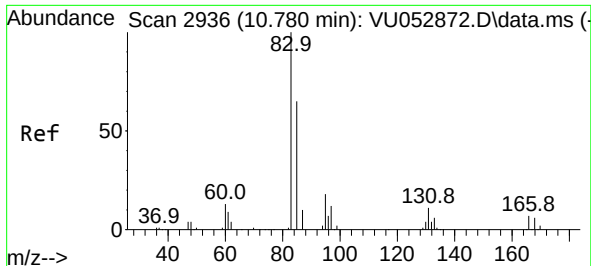
Tgt Ion:106 Resp: 182063
Ion Ratio Lower Upper
106 100
91 212.8 143.4 266.2



#55
Styrene
Concen: 49.520 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

Tgt Ion:104 Resp: 315183
Ion Ratio Lower Upper
104 100
78 47.0 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 47.058 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

Instrument :

MSVOA_U

ClientSampleId :

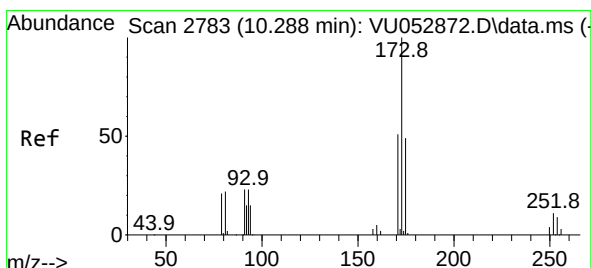
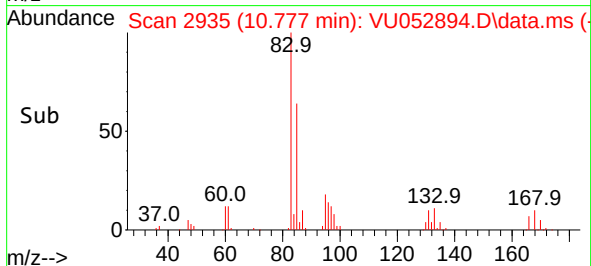
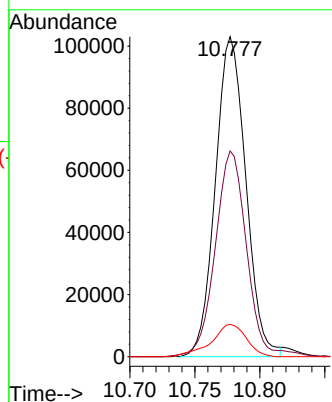
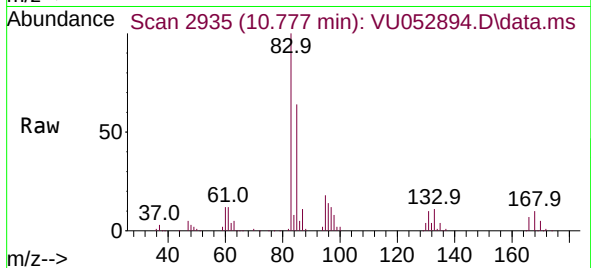
Tgt Ion: 83 Resp: 167776

Ion Ratio Lower Upper

83 100

85 64.3 45.0 83.6

131 10.1 8.6 12.8



#59

Bromoform

Concen: 45.582 ug/L

RT: 10.285 min Scan# 2782

Delta R.T. -0.003 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

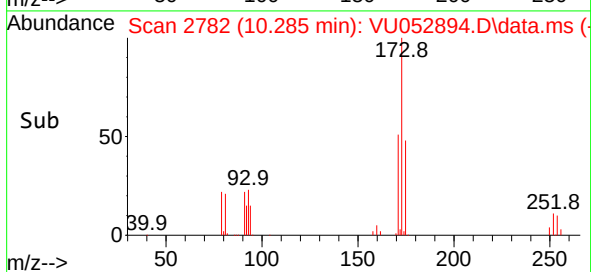
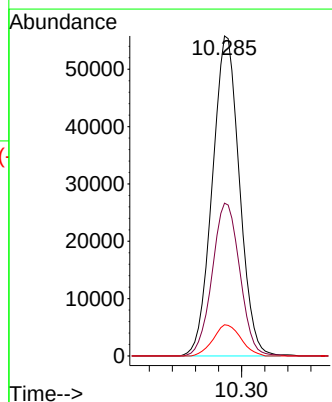
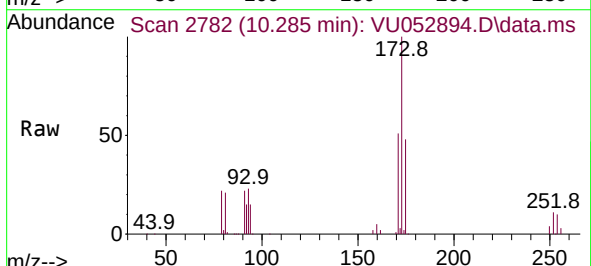
Tgt Ion:173 Resp: 90926

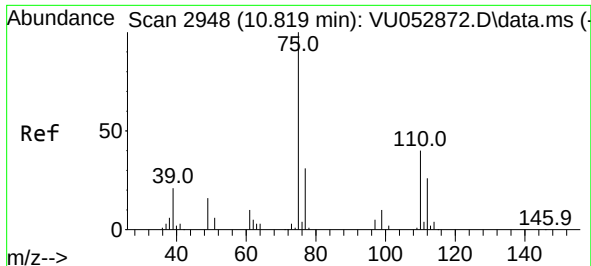
Ion Ratio Lower Upper

173 100

175 48.6 37.7 56.5

254 10.0 8.3 12.5

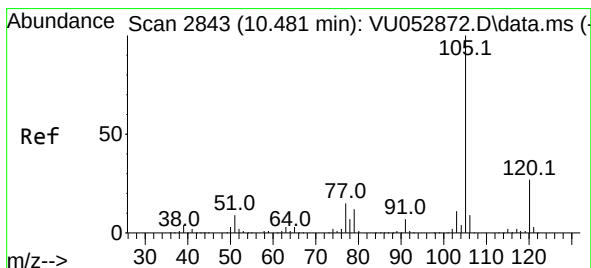
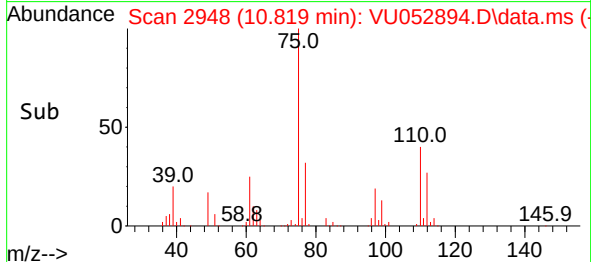
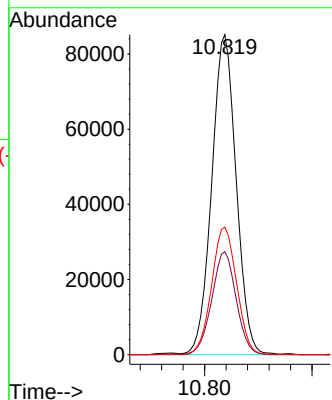
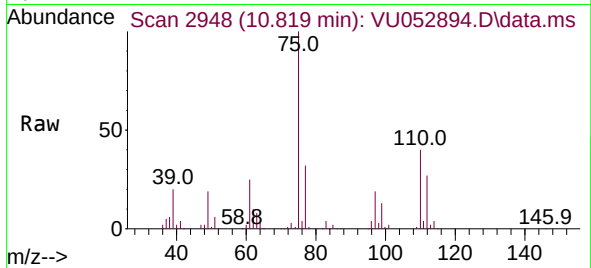




#60
1,2,3-Trichloropropane
Concen: 47.601 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

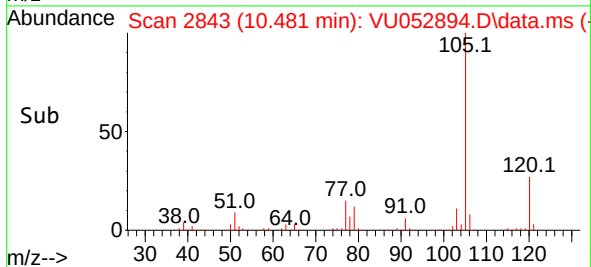
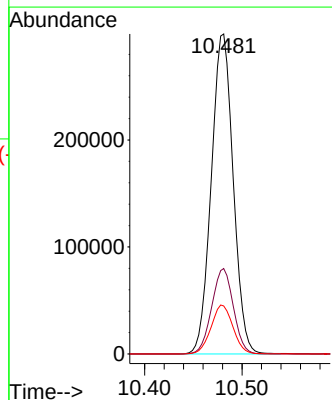
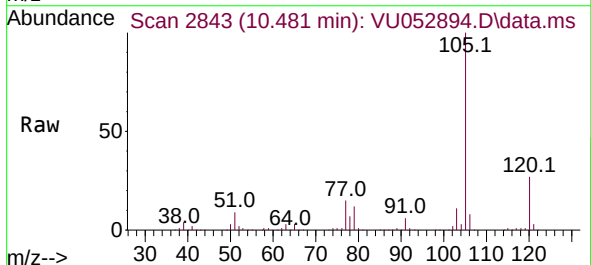
Instrument :
MSVOA_U
ClientSampleId :

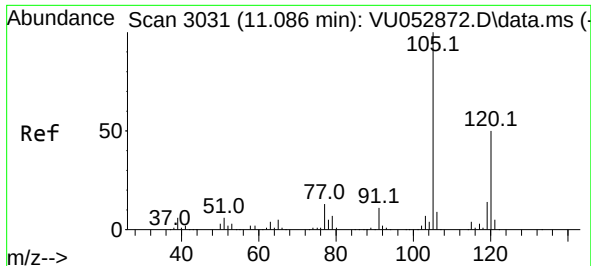
Tgt Ion: 75 Resp: 134412
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 40.7 32.4 48.6



#61
Isopropylbenzene
Concen: 49.652 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

Tgt Ion: 105 Resp: 466809
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.2
77 15.3 12.2 18.2

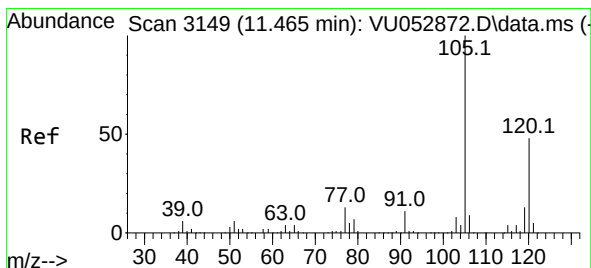
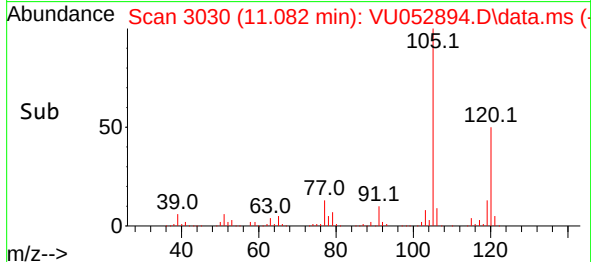
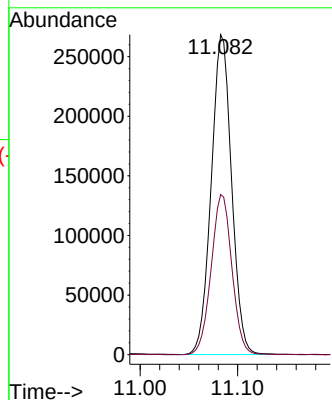
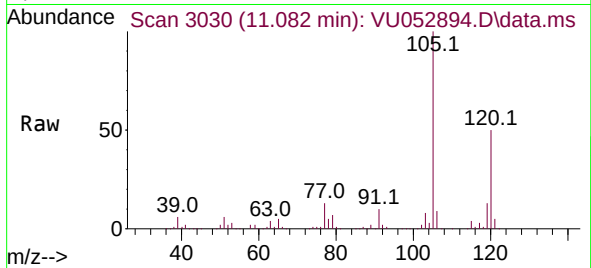




#62
 1,3,5-Trimethylbenzene
 Concen: 49.721 ug/L
 RT: 11.082 min Scan# 3031
 Delta R.T. -0.003 min
 Lab File: VU052894.D
 Acq: 31 Jan 2023 21:11

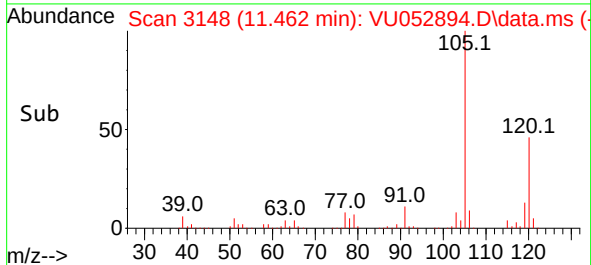
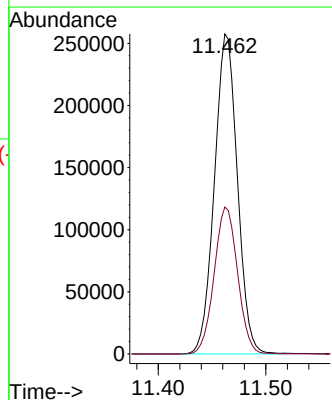
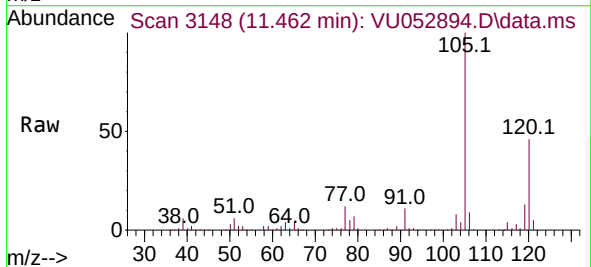
Instrument :
 MSVOA_U
 ClientSampleId :

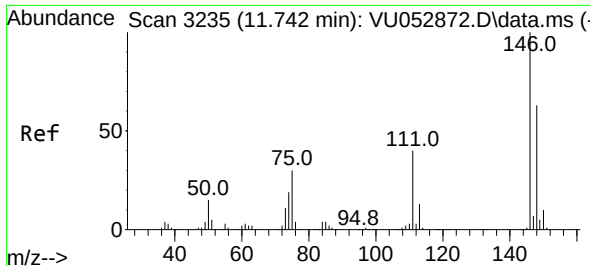
Tgt Ion:105 Resp: 389225
 Ion Ratio Lower Upper
 105 100
 120 51.1 40.4 60.6



#63
 1,2,4-Trimethylbenzene
 Concen: 50.458 ug/L
 RT: 11.462 min Scan# 3148
 Delta R.T. -0.003 min
 Lab File: VU052894.D
 Acq: 31 Jan 2023 21:11

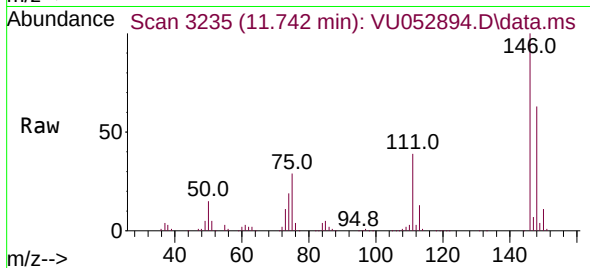
Tgt Ion:105 Resp: 382223
 Ion Ratio Lower Upper
 105 100
 120 46.9 38.1 57.1



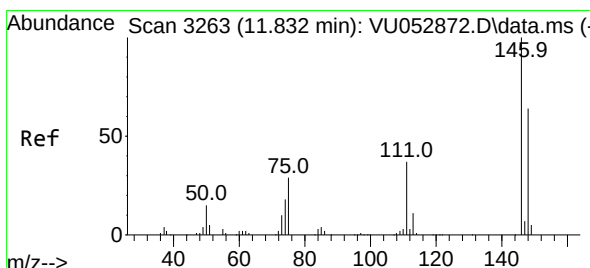
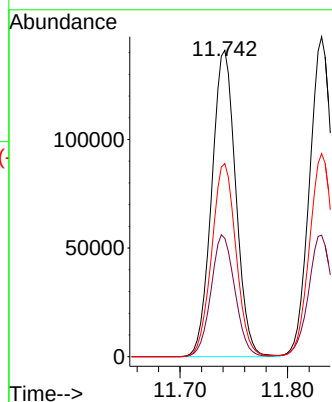
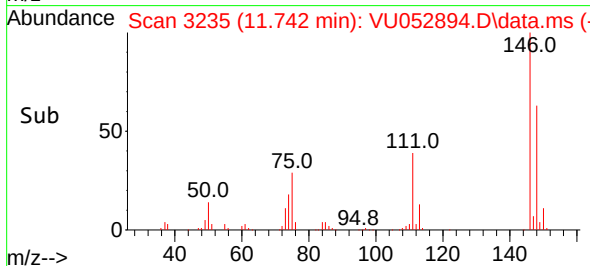


#64
1,3-Dichlorobenzene
Concen: 46.273 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

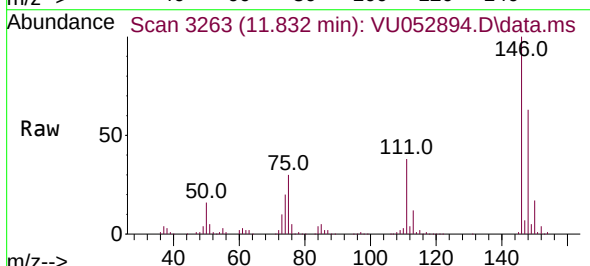
Instrument :
MSVOA_U
ClientSampleId :



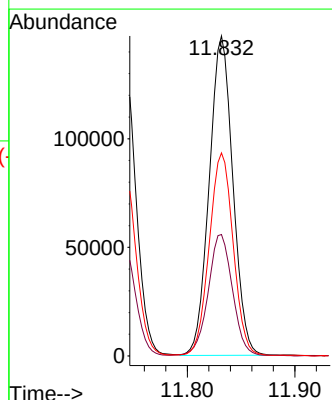
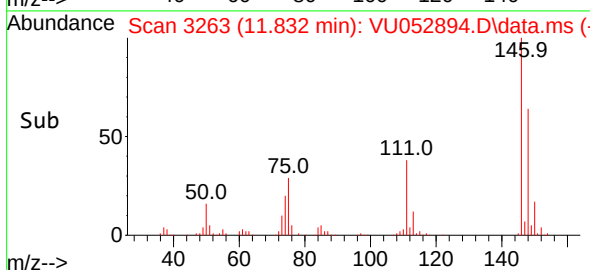
Tgt Ion:146 Resp: 219492
Ion Ratio Lower Upper
146 100
111 38.6 27.8 51.6
148 63.1 45.5 84.5

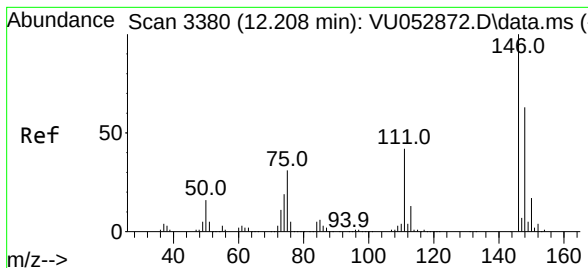


#65
1,4-Dichlorobenzene
Concen: 45.700 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11



Tgt Ion:146 Resp: 224414
Ion Ratio Lower Upper
146 100
111 37.9 26.7 49.7
148 63.5 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 51.366 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

Instrument :

MSVOA_U

ClientSampleId :

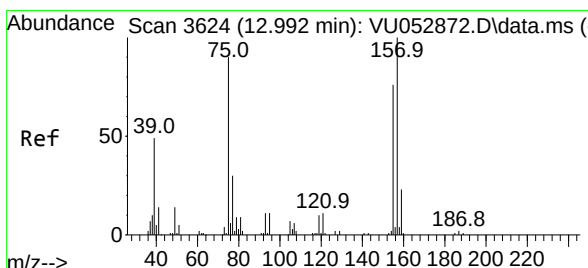
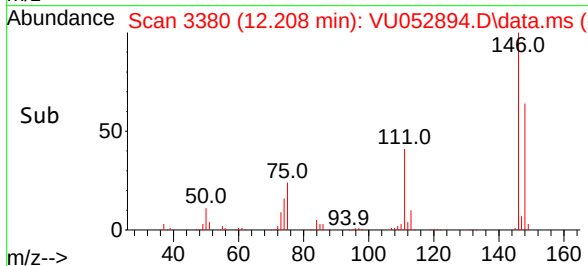
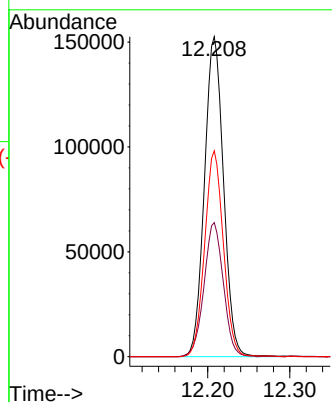
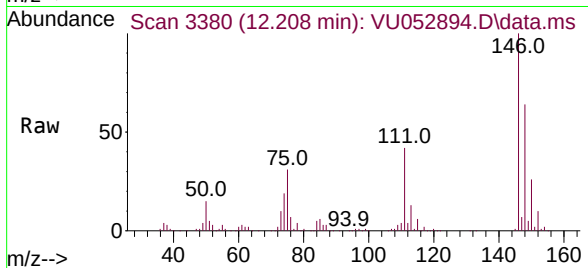
Tgt Ion:146 Resp: 246441

Ion Ratio Lower Upper

146 100

111 41.9 33.2 49.8

148 64.3 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 45.202 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

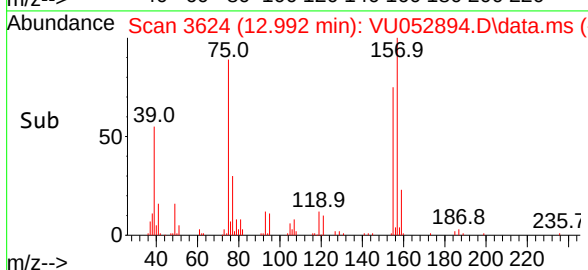
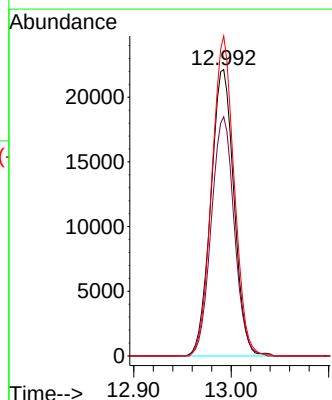
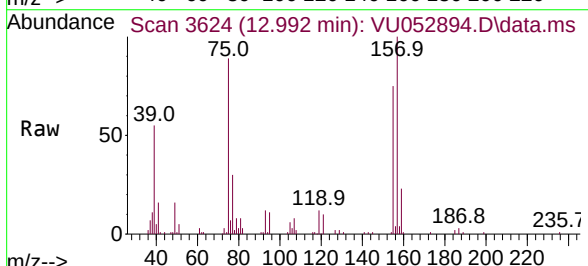
Tgt Ion: 75 Resp: 36586

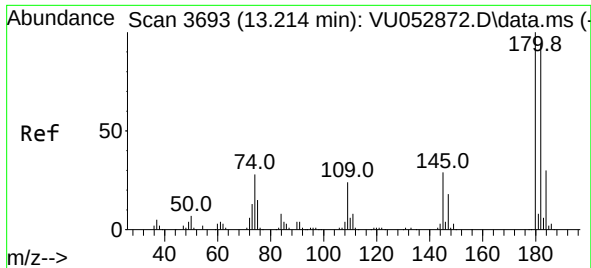
Ion Ratio Lower Upper

75 100

155 83.6 69.2 103.8

157 111.7 91.2 136.8





#69

1,3,5-Trichlorobenzene

Concen: 43.812 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. 0.000 min

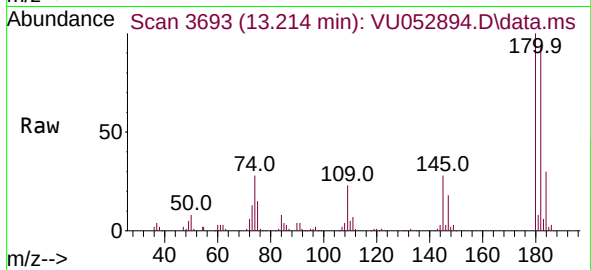
Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 153850

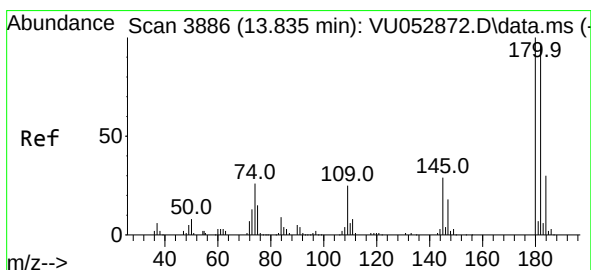
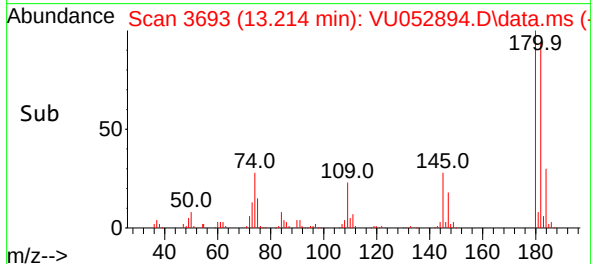
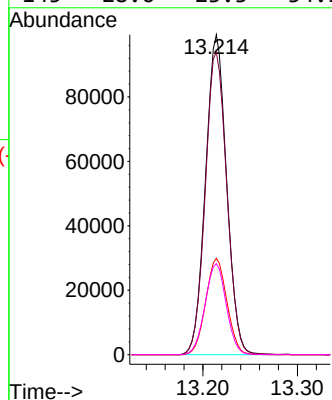
Ion Ratio Lower Upper

180 100

182 96.1 77.0 115.6

184 30.3 24.4 36.6

145 28.6 23.3 34.9



#70

1,2,4-trichlorobenzene

Concen: 50.003 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052894.D

Acq: 31 Jan 2023 21:11

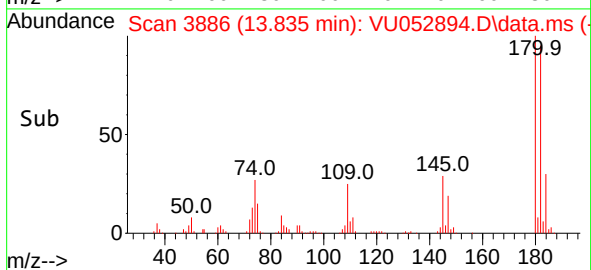
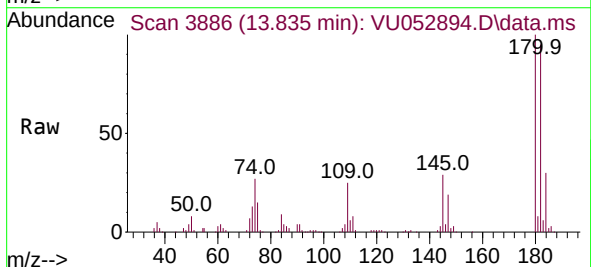
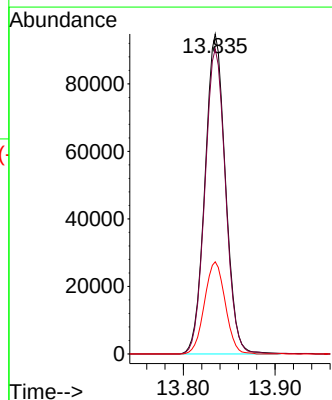
Tgt Ion:180 Resp: 147213

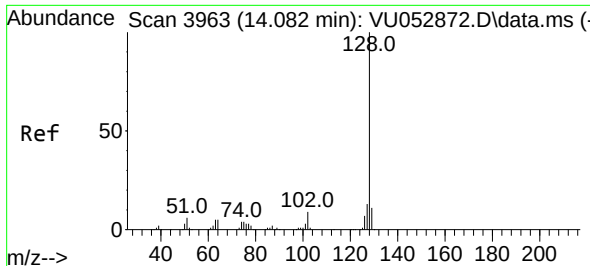
Ion Ratio Lower Upper

180 100

182 95.4 78.2 117.2

145 29.1 23.4 35.2

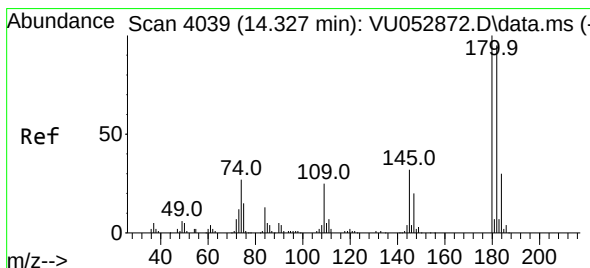
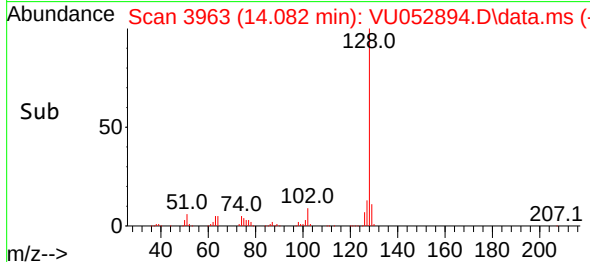
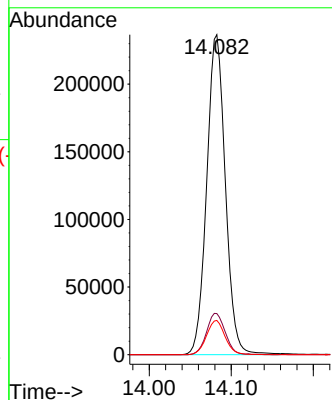
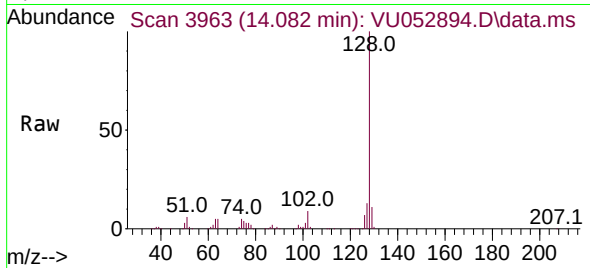




#71
Naphthalene
Concen: 44.312 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 374907
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 45.357 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. -0.003 min
Lab File: VU052894.D
Acq: 31 Jan 2023 21:11

Tgt Ion:180 Resp: 141122
Ion Ratio Lower Upper
180 100
182 95.2 77.5 116.3
145 32.2 24.2 36.4

