

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U082422\
 Data File : U082422.D
 Acq On : 24 Aug 2022 13:37
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 05:17:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 05:03:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	381497	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	371708	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	176544	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	211222	46.824	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.640%
7) Chloroethane-d5	1.909	69	164552	49.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.565	63	301719	47.329	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.660%
21) 2-Butanone-d5	4.623	46	296097	100.284	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.280%
24) Chloroform-d	5.064	84	339840	46.931	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.860%
26) 1,2-Dichloroethane-d4	5.703	65	210149	46.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.400%
32) Benzene-d6	5.729	84	696407	50.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.420%
36) 1,2-Dichloropropane-d6	6.690	67	224227	49.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.560%
41) Toluene-d8	7.899	98	629791	52.404	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	8.179	79	97554	51.400	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.800%
47) 2-Hexanone-d5	8.636	63	182317	107.975	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	337046	48.027	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.060%
66) 1,2-Dichlorobenzene-d4	12.195	152	215666	51.139	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	143956	48.274	ug/L	100
3) Chloromethane	1.520	50	164589	47.424	ug/L	100
5) Vinyl chloride	1.604	62	162701	47.942	ug/L	100
6) Bromomethane	1.851	94	70394	56.097	ug/L	94
8) Chloroethane	1.929	64	101251	49.109	ug/L	96
9) Trichlorofluoromethane	2.134	101	209535	48.529	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	127783	48.272	ug/L	99
12) 1,1-Dichloroethene	2.578	96	115692	49.436	ug/L	100
13) Acetone	2.630	43	189796	97.766	ug/L	99
14) Carbon disulfide	2.790	76	285158	47.750	ug/L	100
15) Methyl Acetate	2.948	43	169141	48.426	ug/L	99
16) Methylene chloride	3.044	84	156221	47.898	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	121614	49.434	ug/L	96
18) Methyl tert-butyl Ether	3.363	73	412490	52.976	ug/L	99
19) 1,1-Dichloroethane	3.867	63	256516	48.129	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	149927	50.891	ug/L	99
22) 2-Butanone	4.703	43	269206	102.320	ug/L	99
23) Bromochloromethane	4.973	128	77774	48.336	ug/L	96
25) Chloroform	5.086	83	270006	47.553	ug/L	100

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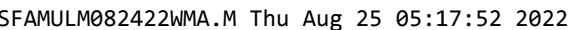
Instrument :
 MSVOA_U
 ClientSampleId :

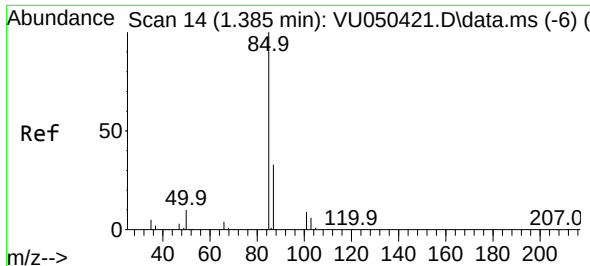
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	201240	47.512	ug/L	98
29) Cyclohexane	5.388	56	189592	55.448	ug/L	100
30) 1,1,1-Trichloroethane	5.317	97	210841	49.578	ug/L	99
31) Carbon tetrachloride	5.523	117	171926	49.263	ug/L	100
33) Benzene	5.774	78	591978	52.601	ug/L	100
34) Trichloroethene	6.543	95	137555	51.636	ug/L	98
35) Methylcyclohexane	6.764	83	203660	54.674	ug/L	99
37) 1,2-Dichloropropane	6.790	63	161943	49.539	ug/L	100
38) Bromodichloromethane	7.105	83	204721	49.086	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	231414	53.907	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	477163	109.841	ug/L	99
42) Toluene	7.970	91	616809	54.399	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	216065	53.997	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	160661	49.946	ug/L	98
46) Tetrachloroethene	8.555	164	100804	51.522	ug/L	98
48) 2-Hexanone	8.687	43	416430	114.787	ug/L	98
49) Dibromochloromethane	8.809	129	164603	49.401	ug/L	97
50) 1,2-Dibromoethane	8.925	107	164026	51.025	ug/L	99
51) Chlorobenzene	9.449	112	378324	50.844	ug/L	99
52) Ethylbenzene	9.571	91	623053	54.520	ug/L	98
53) m,p-Xylene	9.694	106	236994	55.532	ug/L	96
54) o-Xylene	10.102	106	240837	56.802	ug/L	97
55) Styrene	10.115	104	411788	57.077	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	290110	49.358	ug/L	99
59) Bromoform	10.292	173	122079	48.288	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	221696	48.730	ug/L	99
61) Isopropylbenzene	10.485	105	604292	55.339	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	502833	57.029	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	503171	58.511	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	283908	53.174	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	278134	51.726	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	294546	52.460	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	60561	50.087	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	202634	55.057	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	181221	61.483	ug/L	99
71) Naphthalene	14.086	128	724595	74.942	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	202619	62.898	ug/L	100

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

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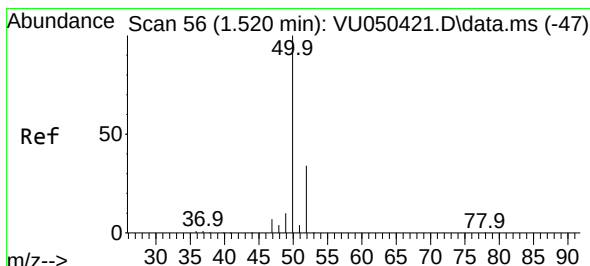
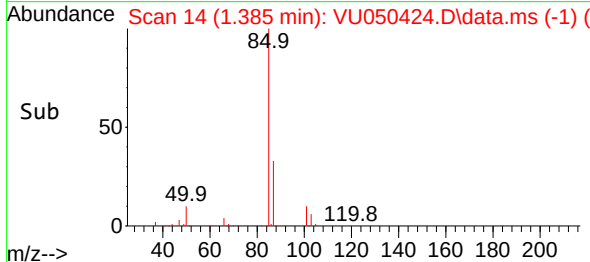
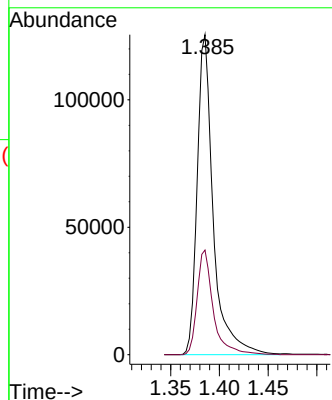
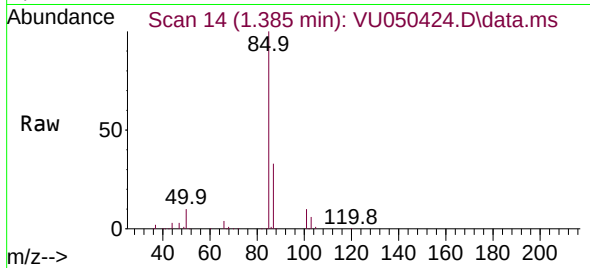




#2
Dichlorodifluoromethane
Concen: 48.274 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

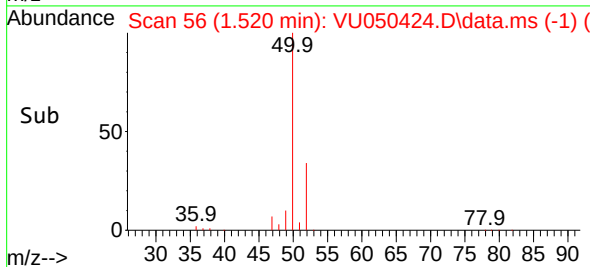
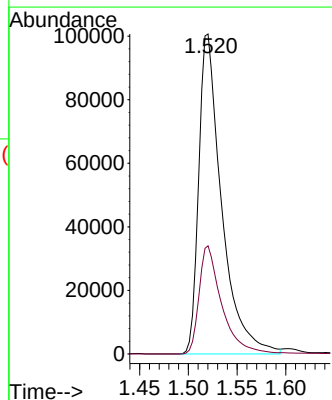
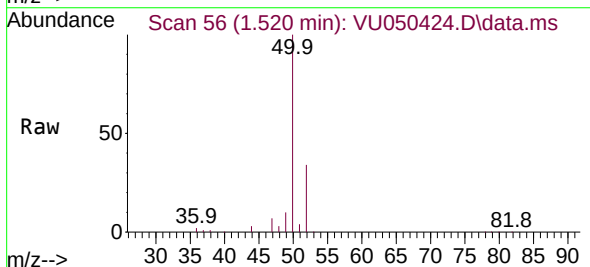
Instrument :
MSVOA_U
ClientSampleId :

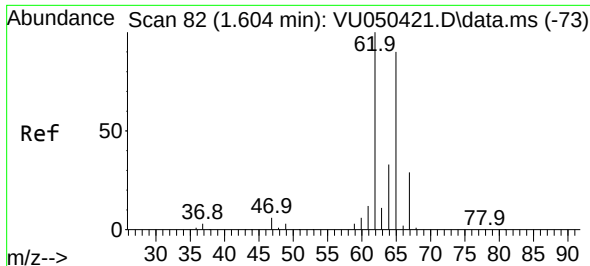
Tgt Ion: 85 Resp: 143956
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.4



#3
Chloromethane
Concen: 47.424 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

Tgt Ion: 50 Resp: 164589
Ion Ratio Lower Upper
50 100
52 33.8 23.4 43.6

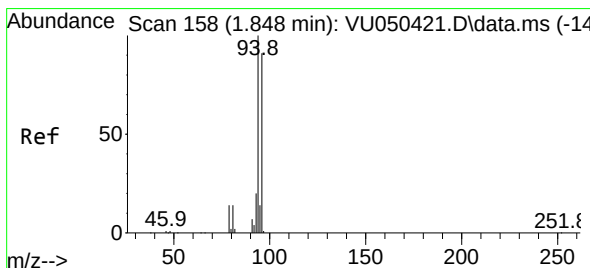
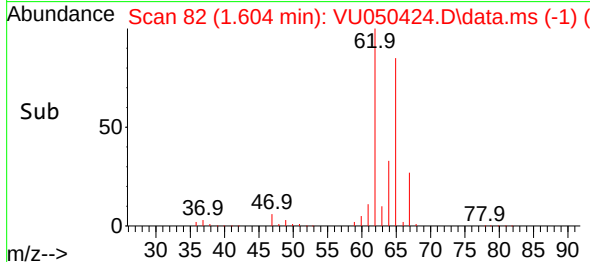
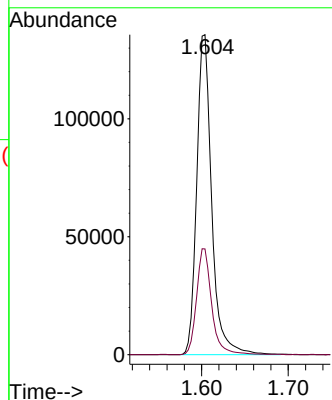
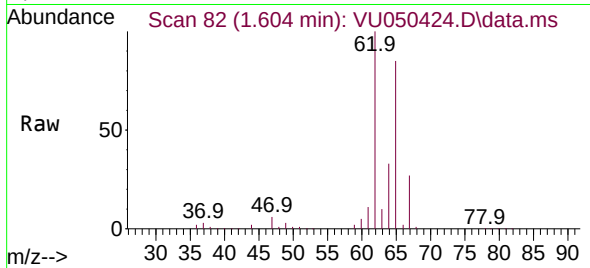




#5
 Vinyl chloride
 Concen: 47.942 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050424.D
 Acq: 24 Aug 2022 13:37

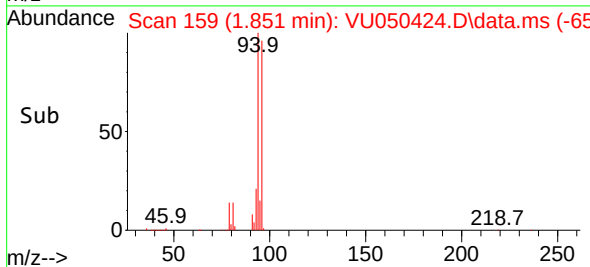
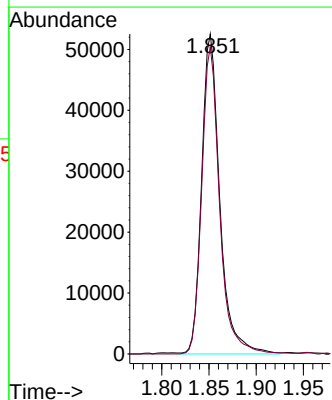
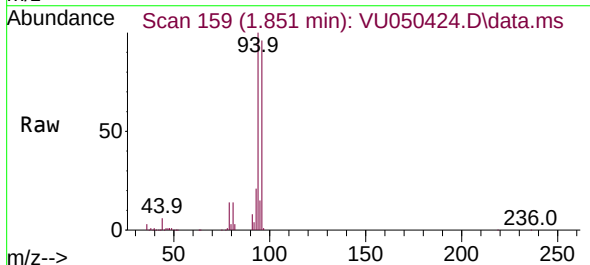
Instrument :
 MSVOA_U
 ClientSampleId :

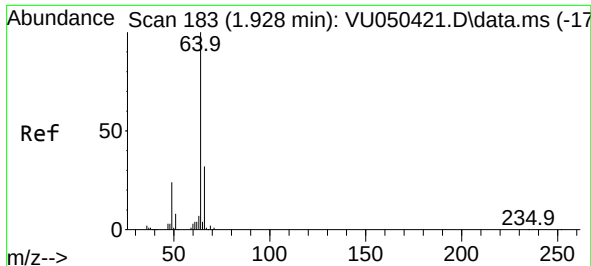
Tgt Ion: 62 Resp: 162701
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#6
 Bromomethane
 Concen: 56.097 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.003 min
 Lab File: VU050424.D
 Acq: 24 Aug 2022 13:37

Tgt Ion: 94 Resp: 70394
 Ion Ratio Lower Upper
 94 100
 96 96.0 63.3 117.5

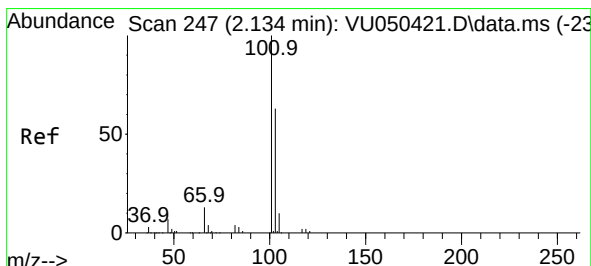
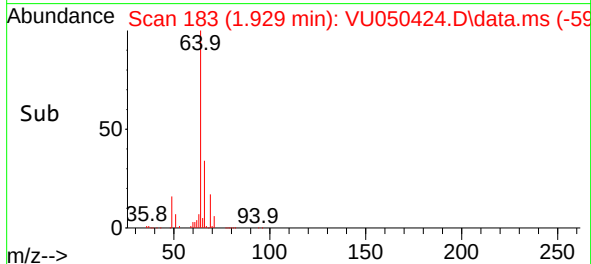
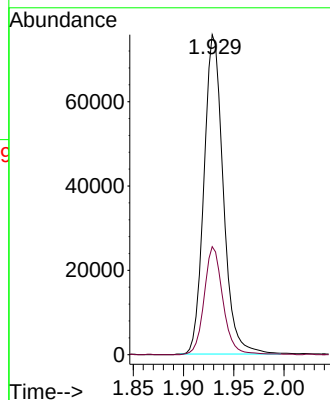
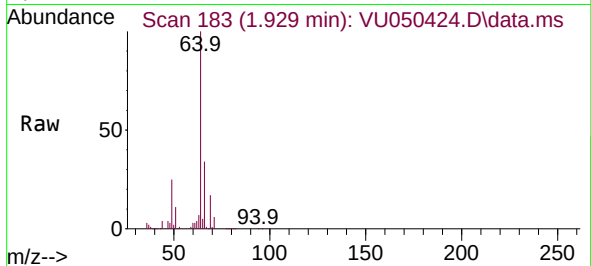




#8
Chloroethane
Concen: 49.109 ug/L
RT: 1.929 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

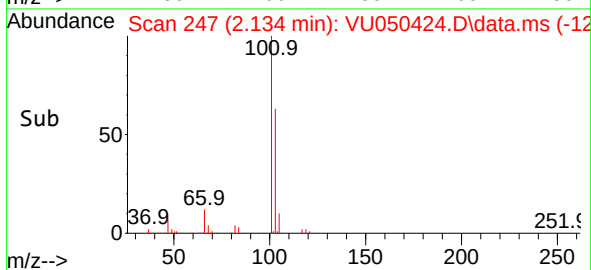
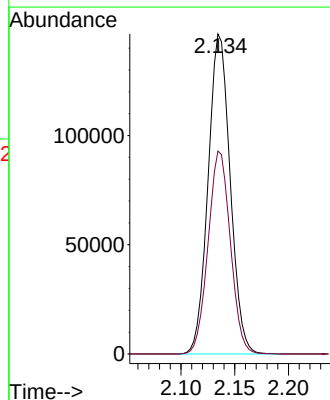
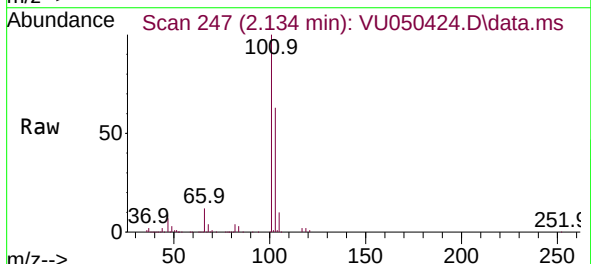
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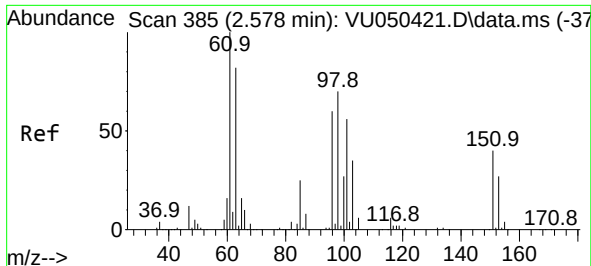
Tgt Ion: 64 Resp: 101251
Ion Ratio Lower Upper
64 100
66 33.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 48.529 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

Tgt Ion: 101 Resp: 209535
Ion Ratio Lower Upper
101 100
103 63.8 51.1 76.7





#10

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

Concen: 48.272 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

Instrument :

MSVOA_U

ClientSampleId :

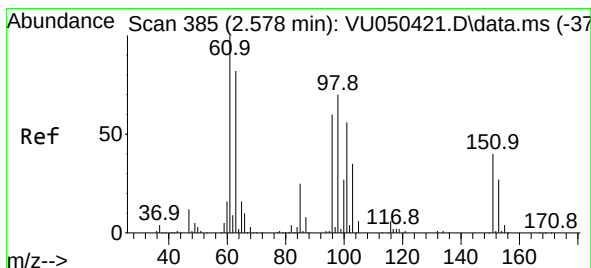
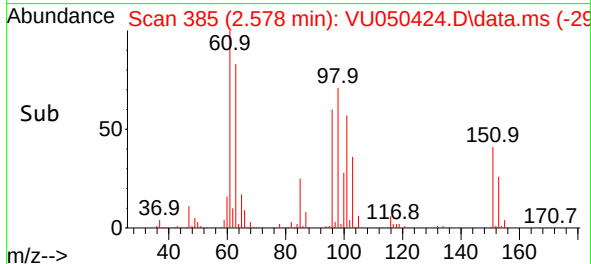
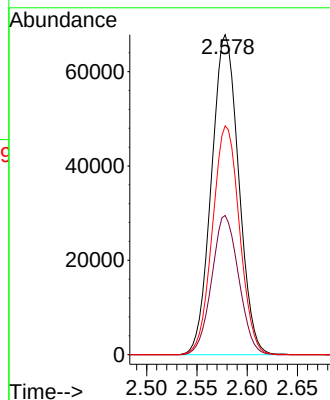
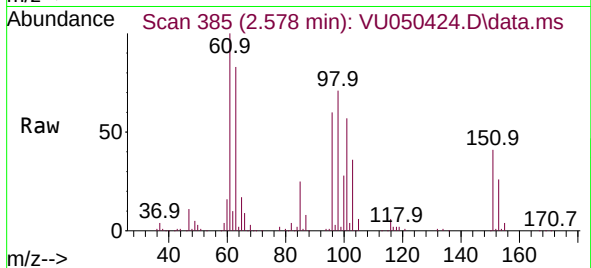
Tgt Ion:101 Resp: 127783

Ion Ratio Lower Upper

101 100

85 43.1 35.3 52.9

151 71.1 57.3 85.9



#12

1,1-Dichloroethene

Concen: 49.436 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

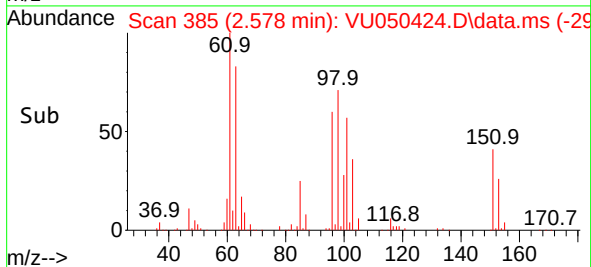
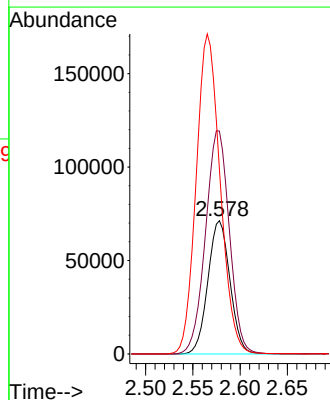
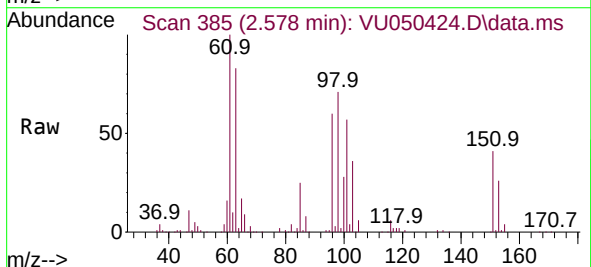
Tgt Ion: 96 Resp: 115692

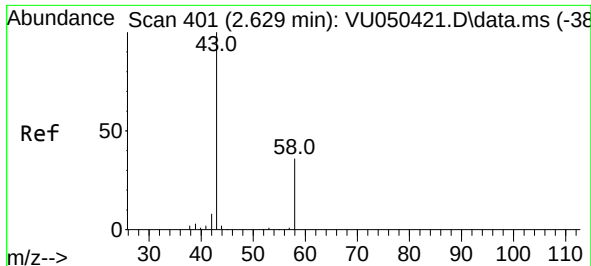
Ion Ratio Lower Upper

96 100

61 167.3 116.8 216.8

63 138.9 97.4 180.8





#13

Acetone

Concen: 97.766 ug/L

RT: 2.630 min Scan# 401

Delta R.T. 0.000 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

Instrument :

MSVOA_U

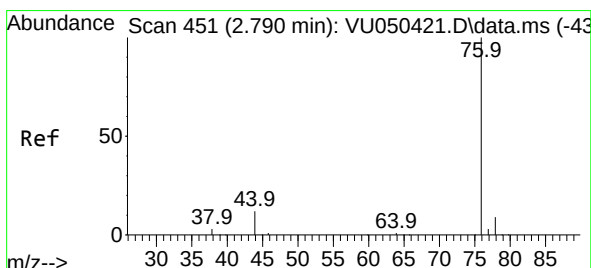
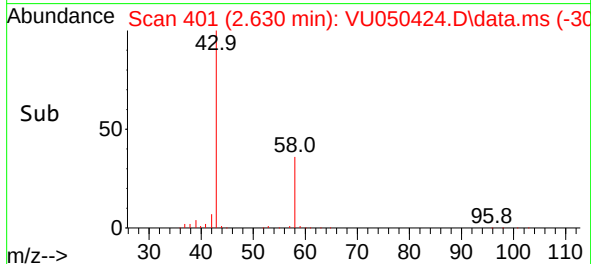
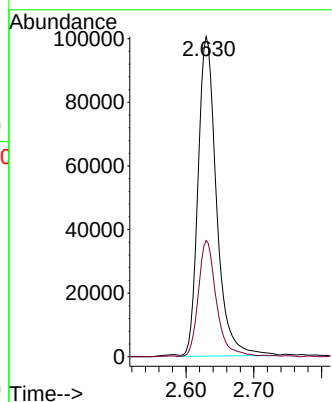
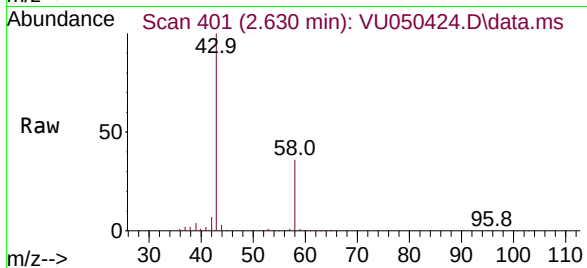
ClientSampleId :

Tgt Ion: 43 Resp: 189796

Ion Ratio Lower Upper

43 100

58 35.6 0.0 72.2



#14

Carbon disulfide

Concen: 47.750 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050424.D

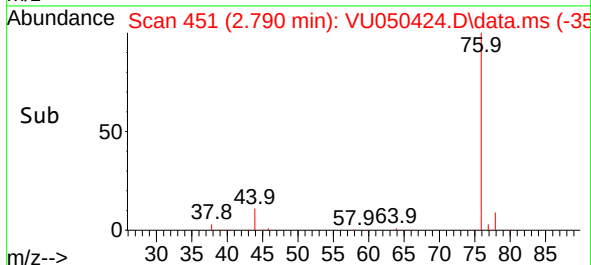
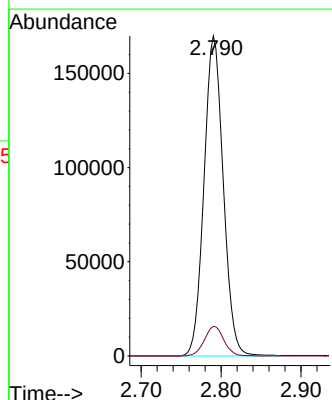
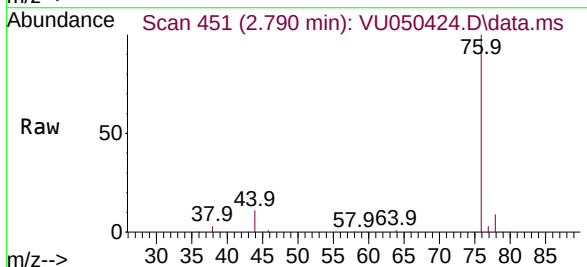
Acq: 24 Aug 2022 13:37

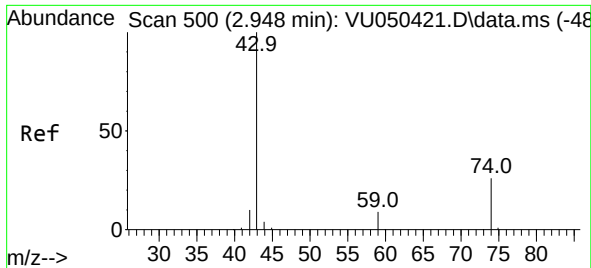
Tgt Ion: 76 Resp: 285158

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

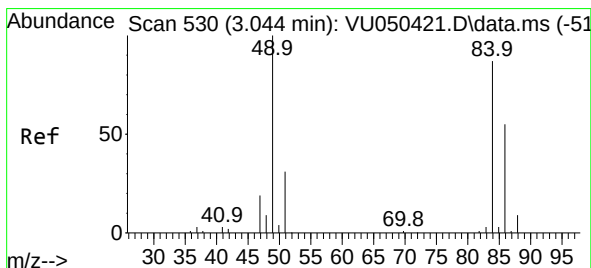
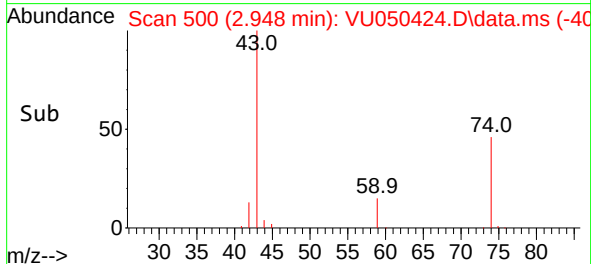
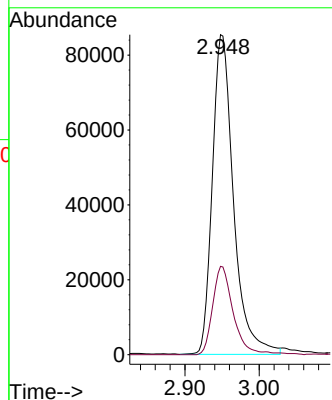
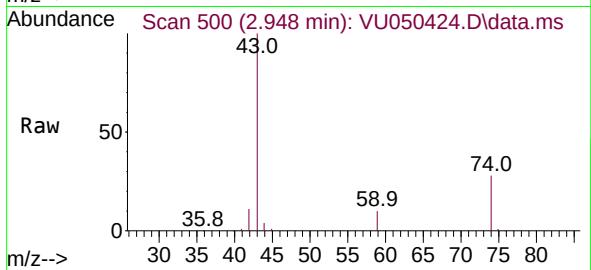




#15
Methyl Acetate
Concen: 48.426 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

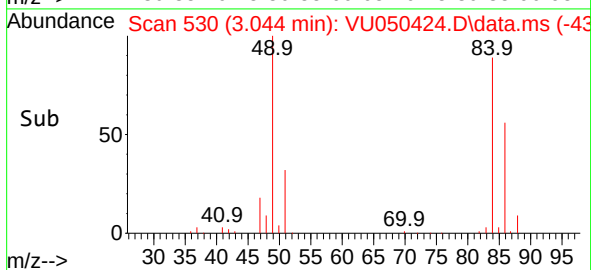
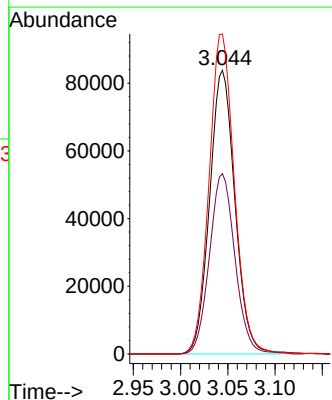
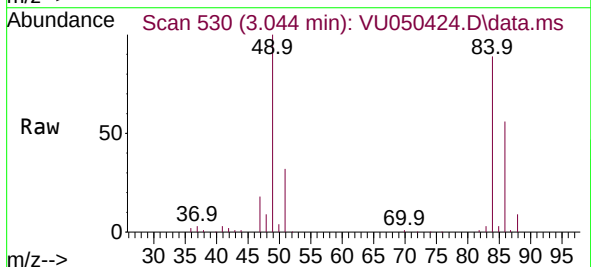
Instrument :
MSVOA_U
ClientSampleId :

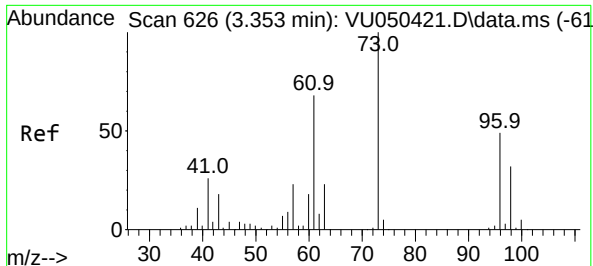
Tgt Ion: 43 Resp: 169141
Ion Ratio Lower Upper
43 100
74 26.2 21.2 31.8



#16
Methylene chloride
Concen: 47.898 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

Tgt Ion: 84 Resp: 156221
Ion Ratio Lower Upper
84 100
86 63.5 43.9 81.5
49 112.8 80.4 149.4





#17

trans-1,2-Dichloroethene

Concen: 49.434 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

Instrument :

MSVOA_U

ClientSampleId :

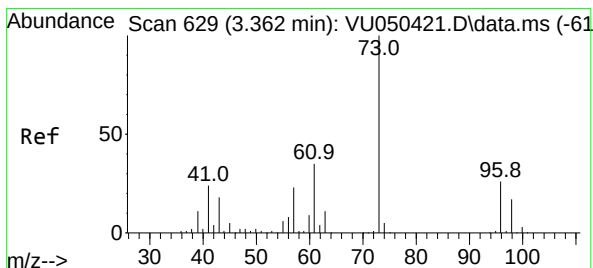
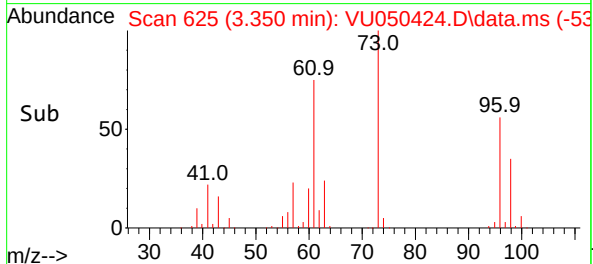
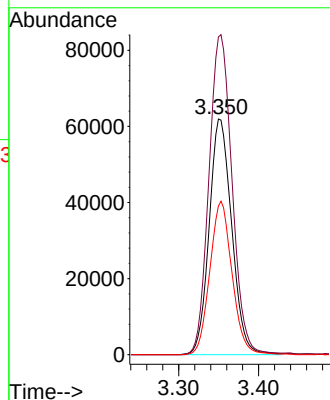
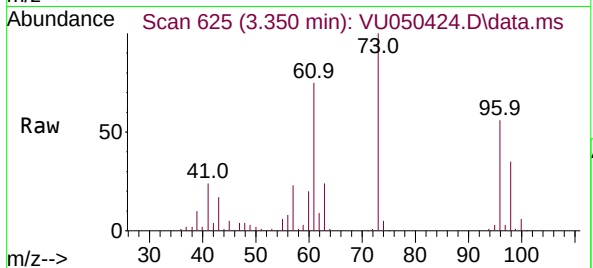
Tgt Ion: 96 Resp: 121614

Ion Ratio Lower Upper

96 100

61 134.9 98.5 182.9

98 63.1 45.7 84.9



#18

Methyl tert-butyl Ether

Concen: 52.976 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

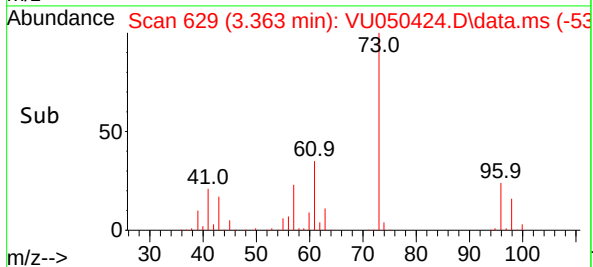
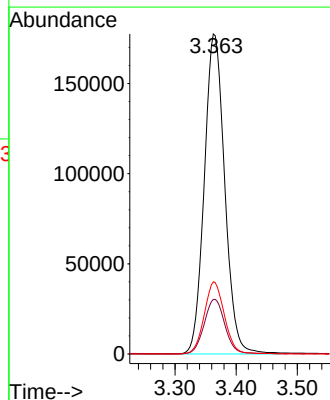
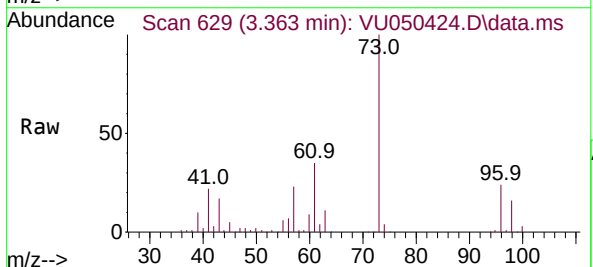
Tgt Ion: 73 Resp: 412490

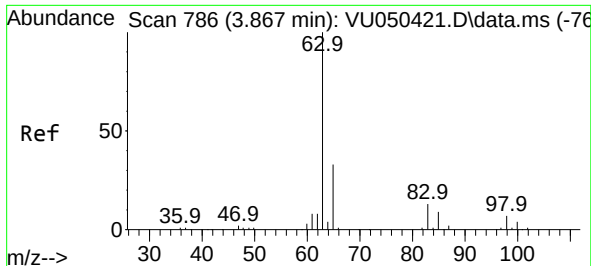
Ion Ratio Lower Upper

73 100

43 17.1 14.4 21.6

57 22.3 17.8 26.8





#19

1,1-Dichloroethane

Concen: 48.129 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

Instrument :

MSVOA_U

ClientSampleId :

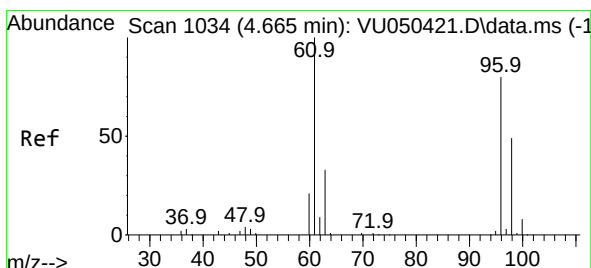
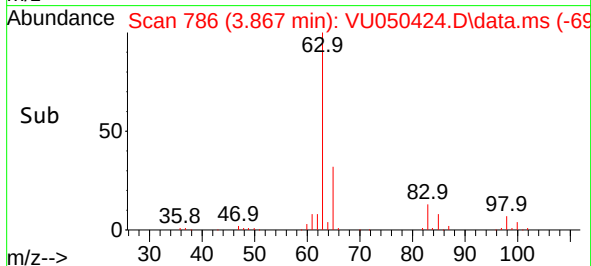
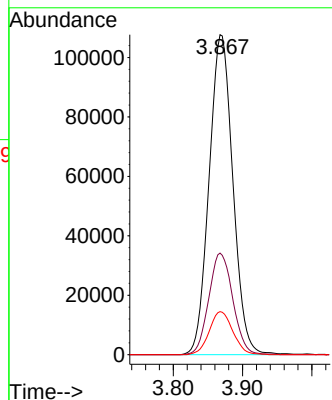
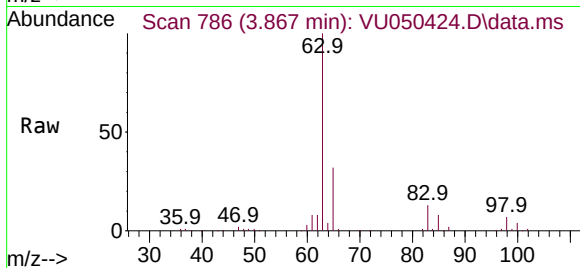
Tgt Ion: 63 Resp: 256516

Ion Ratio Lower Upper

63 100

65 31.7 23.3 43.3

83 13.4 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 50.891 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

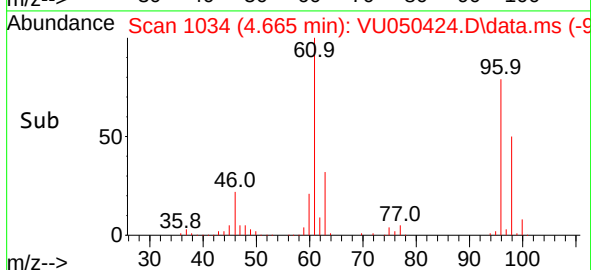
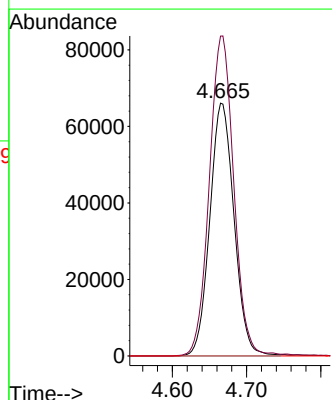
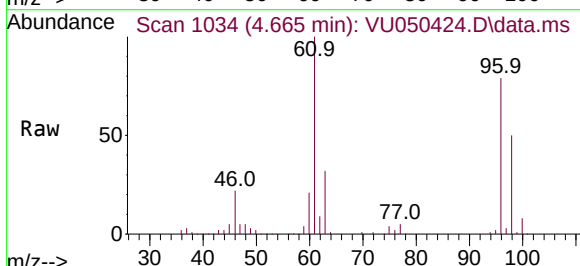
Tgt Ion: 96 Resp: 149927

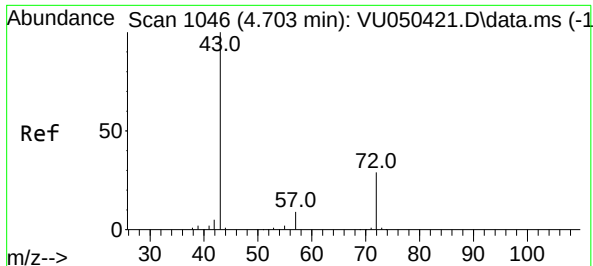
Ion Ratio Lower Upper

96 100

61 126.5 88.1 163.5

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 102.320 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. 0.000 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

Instrument :

MSVOA_U

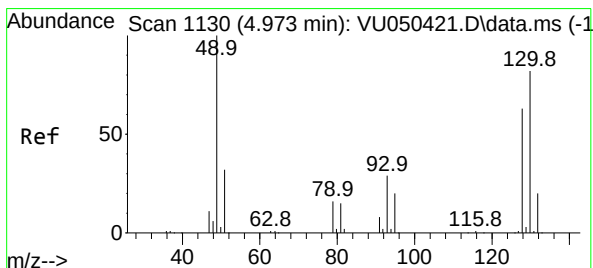
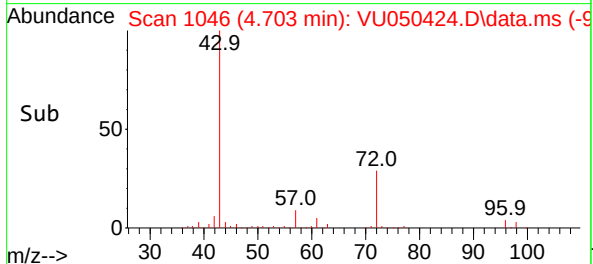
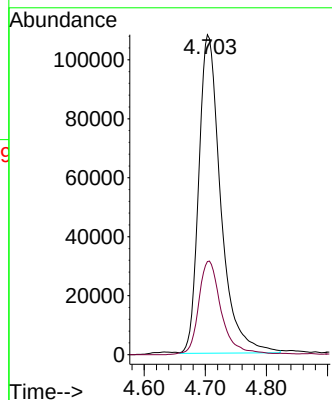
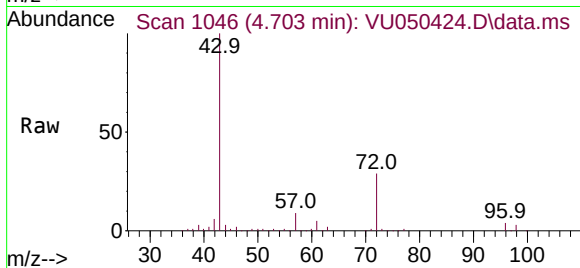
ClientSampleId :

Tgt Ion: 43 Resp: 269206

Ion Ratio Lower Upper

43 100

72 30.5 15.0 45.0



#23

Bromochloromethane

Concen: 48.336 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

Tgt Ion: 128 Resp: 77774

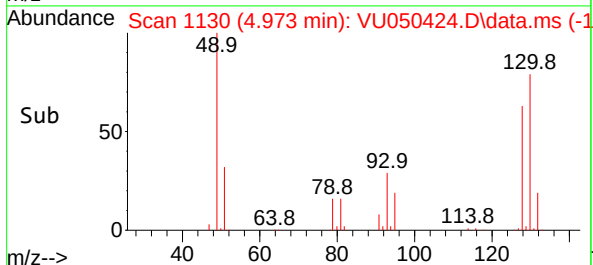
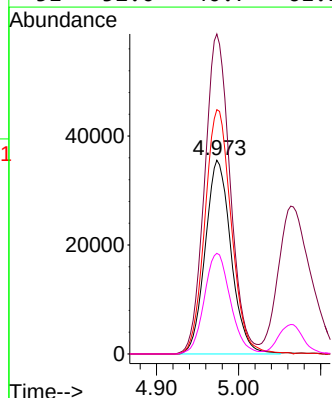
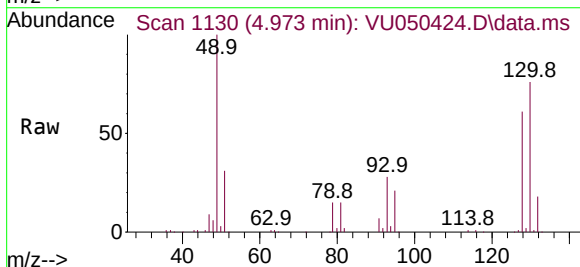
Ion Ratio Lower Upper

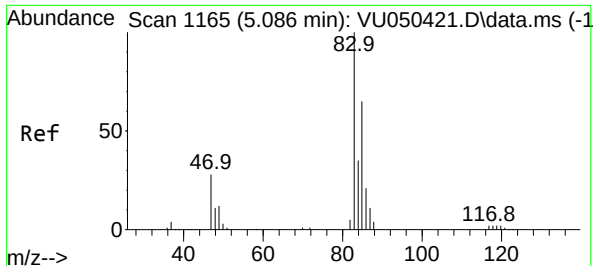
128 100

49 165.2 111.2 206.4

130 126.1 91.1 169.1

51 52.0 40.7 61.1

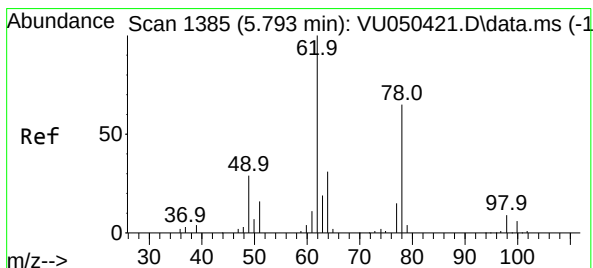
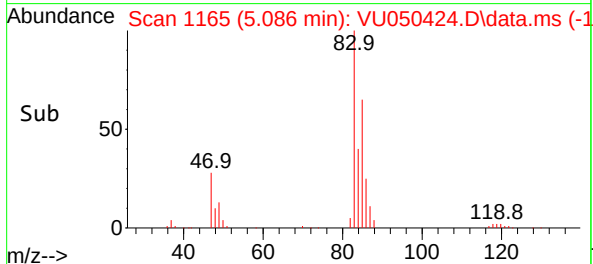
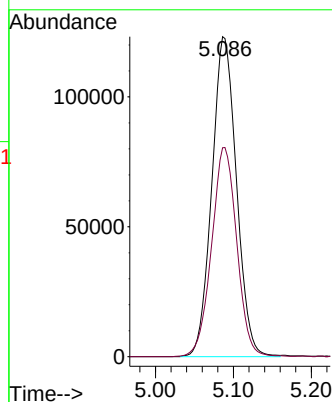
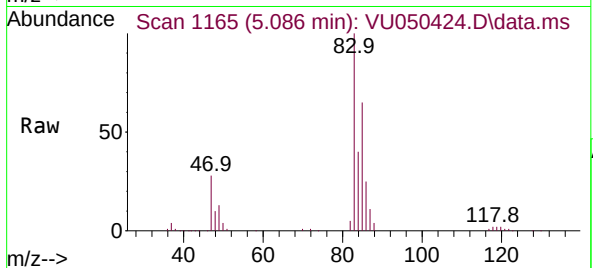




#25
Chloroform
Concen: 47.553 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

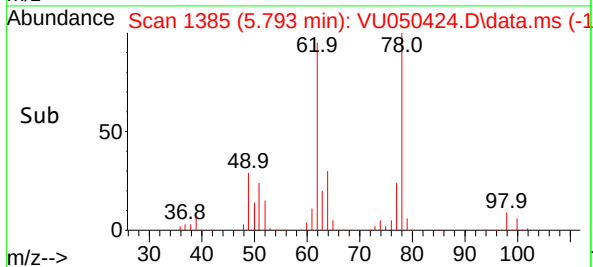
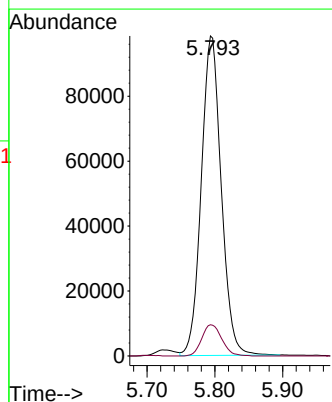
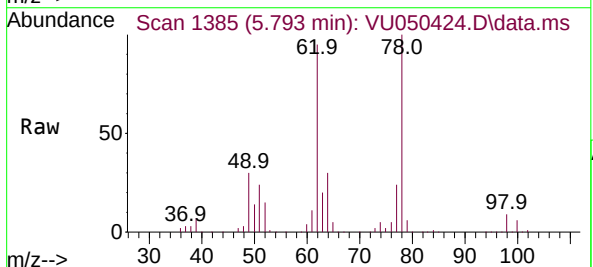
Instrument :
MSVOA_U
ClientSampleId :

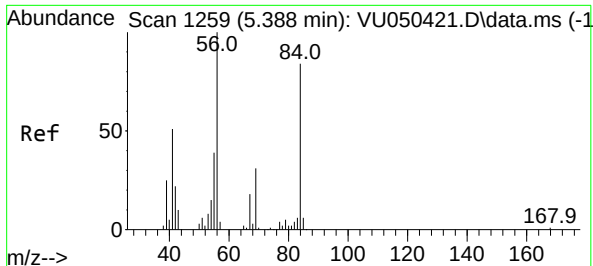
Tgt Ion: 83 Resp: 270006
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 47.512 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

Tgt Ion: 62 Resp: 201240
Ion Ratio Lower Upper
62 100
98 9.7 7.3 10.9





#29

Cyclohexane

Concen: 55.448 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

Instrument :

MSVOA_U

ClientSampleId :

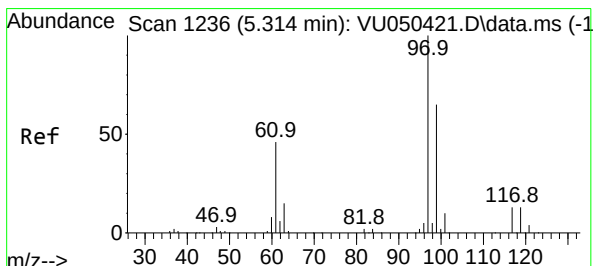
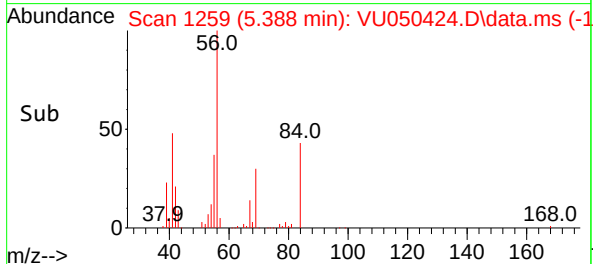
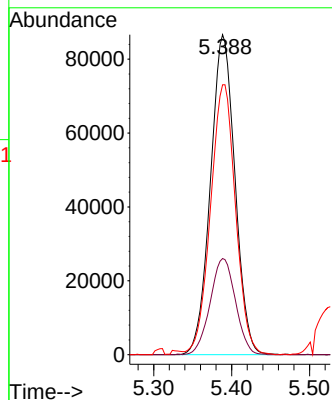
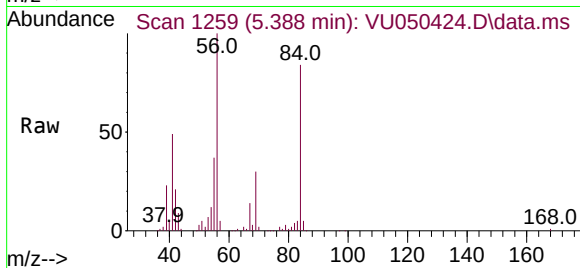
Tgt Ion: 56 Resp: 189592

Ion Ratio Lower Upper

56 100

69 31.0 24.6 36.8

84 86.2 68.8 103.2



#30

1,1,1-Trichloroethane

Concen: 49.578 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

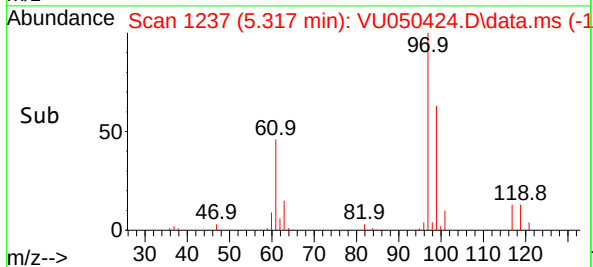
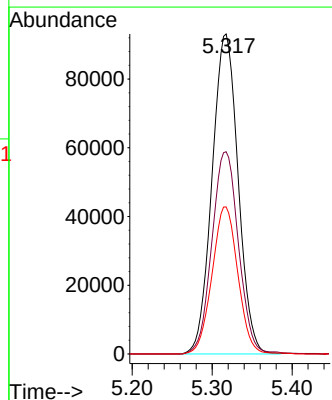
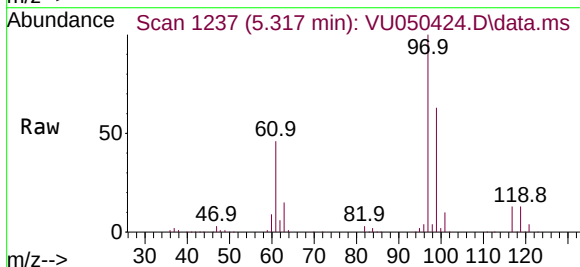
Tgt Ion: 97 Resp: 210841

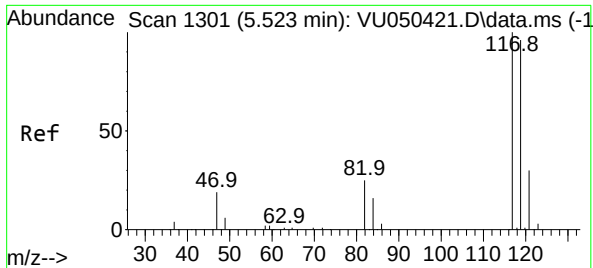
Ion Ratio Lower Upper

97 100

99 64.6 51.2 76.8

61 45.4 36.6 55.0

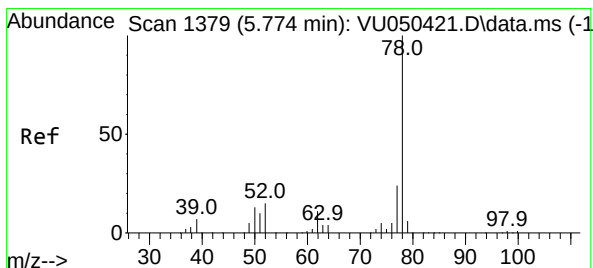
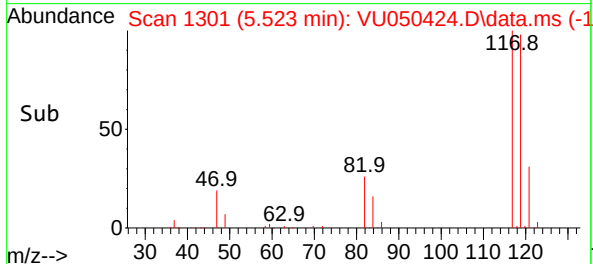
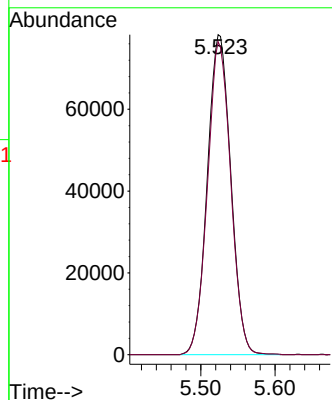
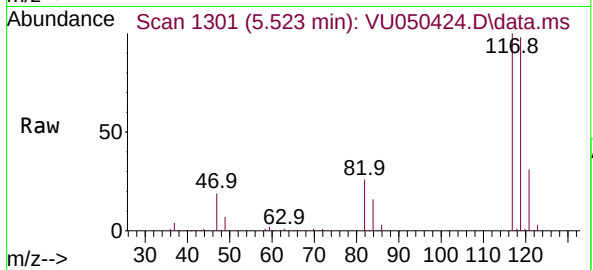




#31
Carbon tetrachloride
Concen: 49.263 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

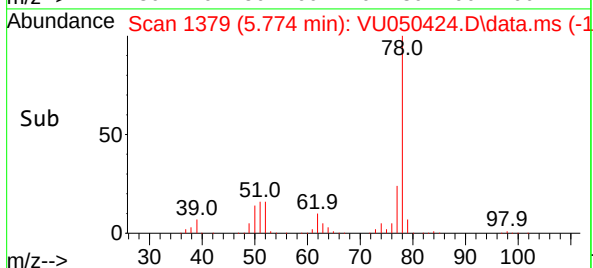
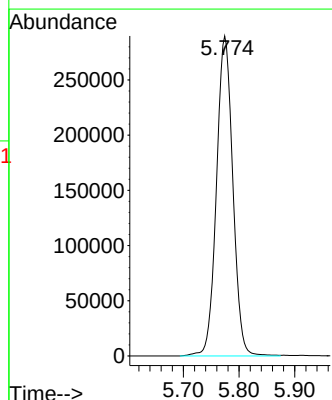
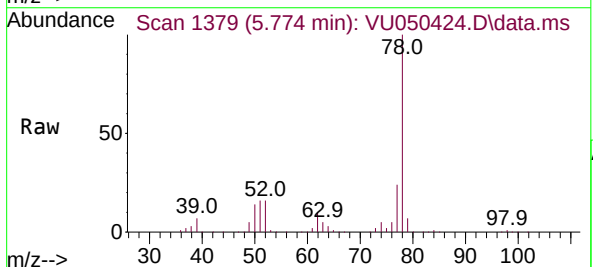
Instrument :
MSVOA_U
ClientSampleId :

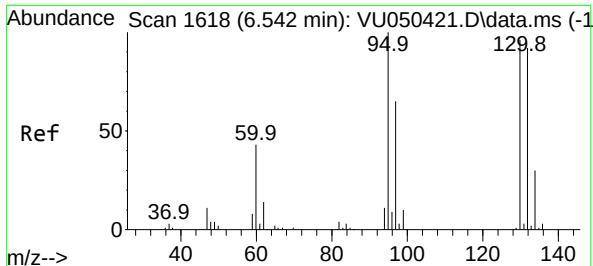
Tgt Ion:117 Resp: 171926
Ion Ratio Lower Upper
117 100
119 96.5 76.9 115.3



#33
Benzene
Concen: 52.601 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

Tgt Ion: 78 Resp: 591978

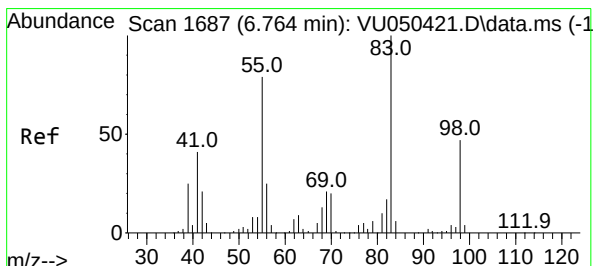
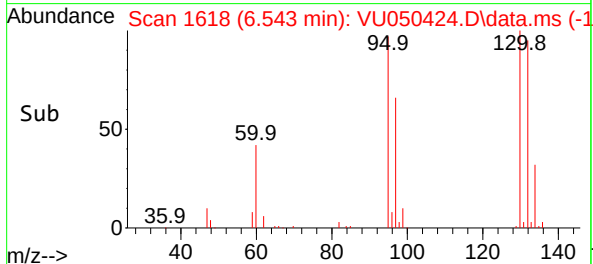
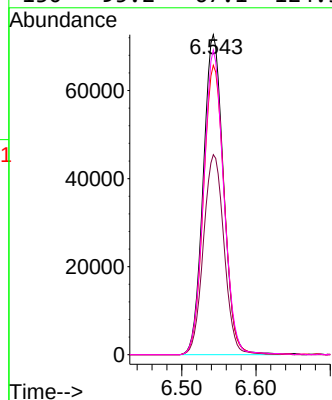
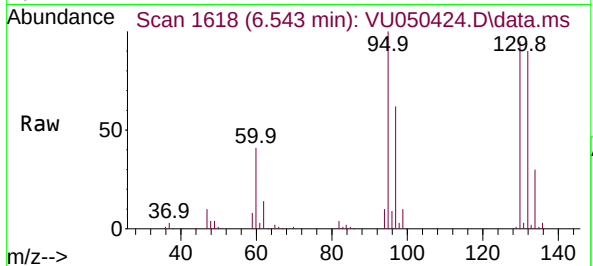




#34
Trichloroethene
Concen: 51.636 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

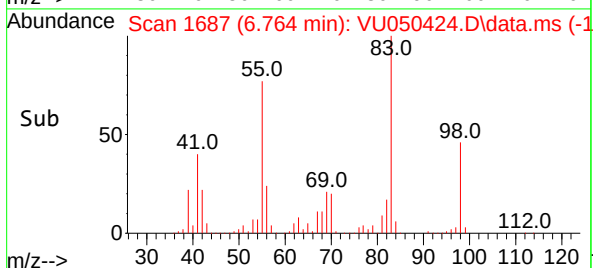
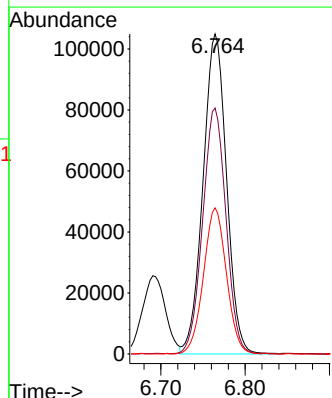
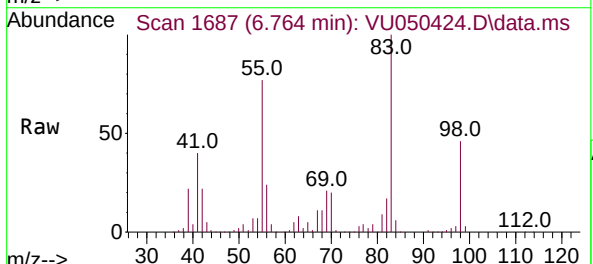
Instrument :
MSVOA_U
ClientSampleId :

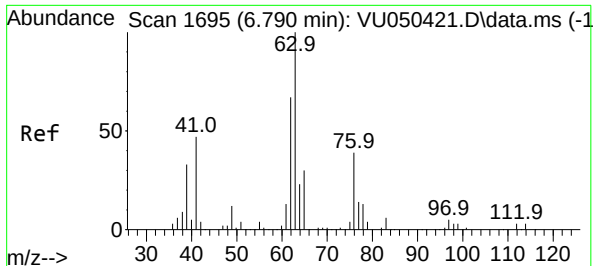
Tgt Ion: 95 Resp: 137555
Ion Ratio Lower Upper
95 100
97 62.5 45.2 84.0
132 90.4 64.4 119.6
130 95.2 67.1 124.5



#35
Methylcyclohexane
Concen: 54.674 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

Tgt Ion: 83 Resp: 203660
Ion Ratio Lower Upper
83 100
55 76.3 61.9 92.9
98 44.7 35.8 53.8





#37

1,2-Dichloropropane

Concen: 49.539 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

Instrument :

MSVOA_U

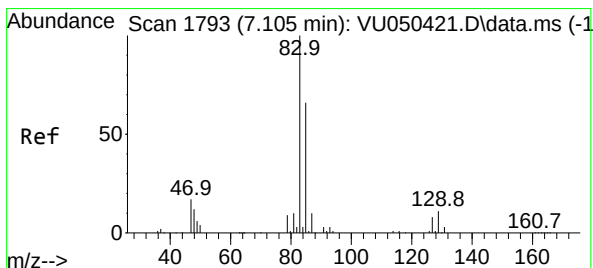
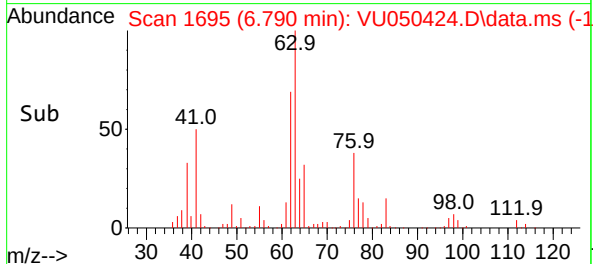
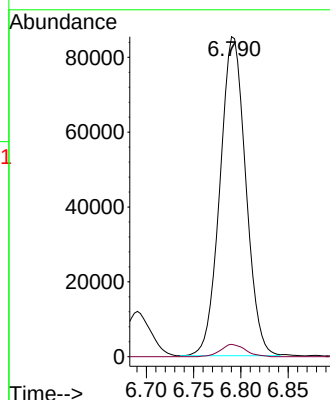
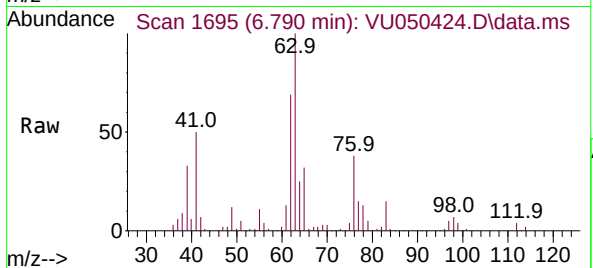
ClientSampleId :

Tgt Ion: 63 Resp: 161943

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.4



#38

Bromodichloromethane

Concen: 49.086 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

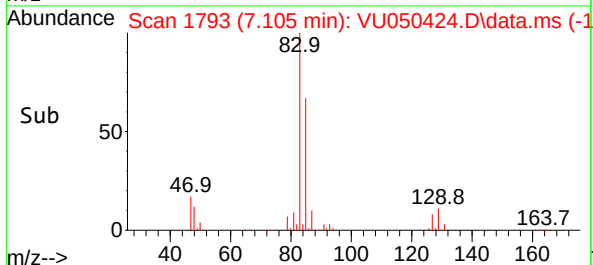
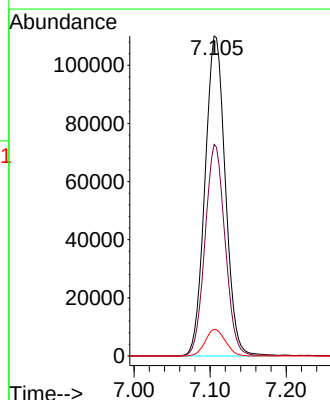
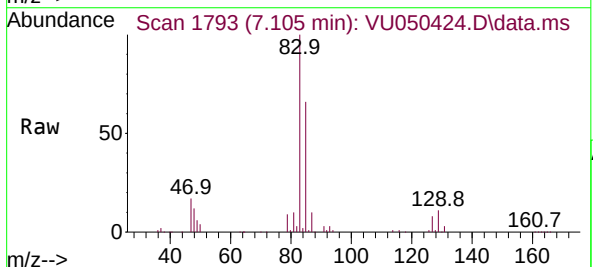
Tgt Ion: 83 Resp: 204721

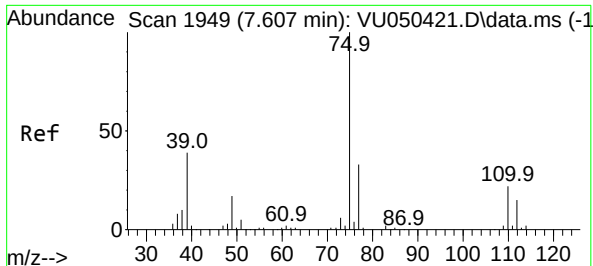
Ion Ratio Lower Upper

83 100

85 66.1 46.2 85.8

127 8.3 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 53.907 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

Instrument :

MSVOA_U

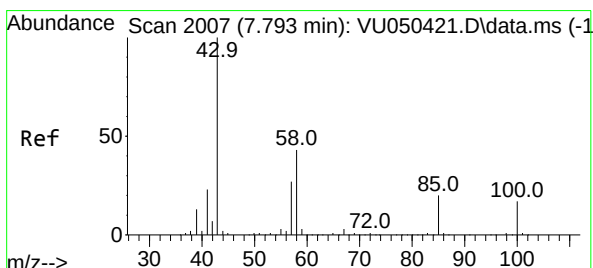
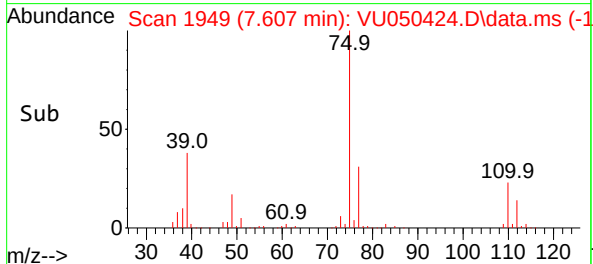
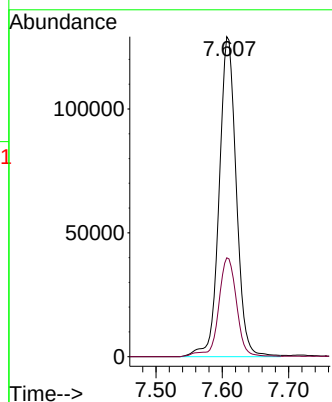
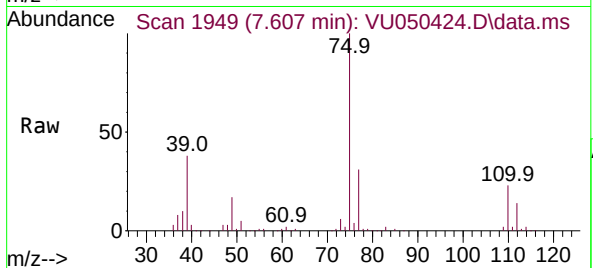
ClientSampleId :

Tgt Ion: 75 Resp: 231414

Ion Ratio Lower Upper

75 100

77 30.9 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 109.841 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

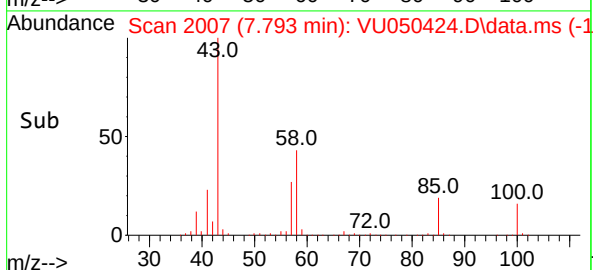
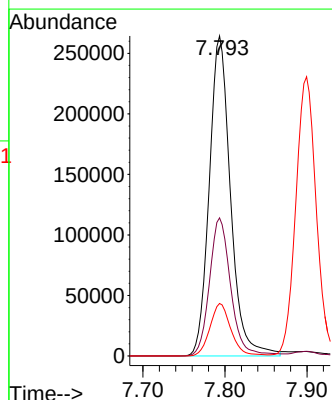
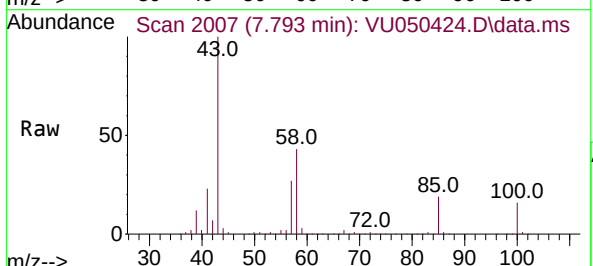
Tgt Ion: 43 Resp: 477163

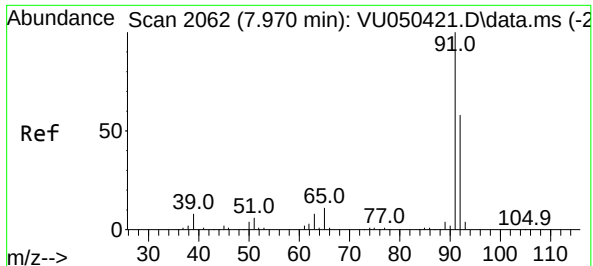
Ion Ratio Lower Upper

43 100

58 43.1 34.0 51.0

100 16.2 13.0 19.4





#42

Toluene

Concen: 54.399 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

Instrument :

MSVOA_U

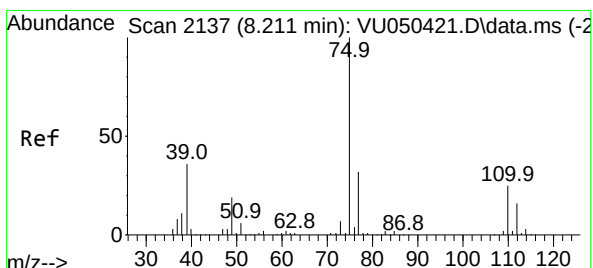
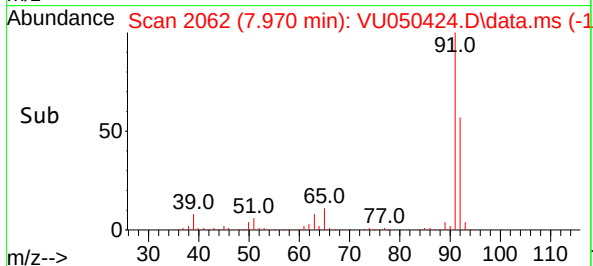
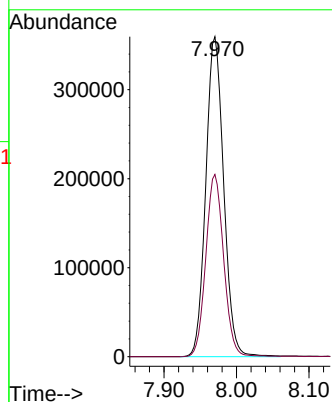
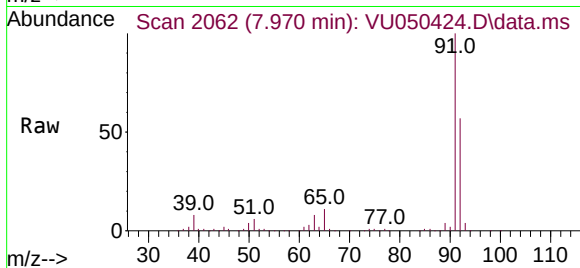
ClientSampleId :

Tgt Ion: 91 Resp: 616809

Ion Ratio Lower Upper

91 100

92 57.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 53.997 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050424.D

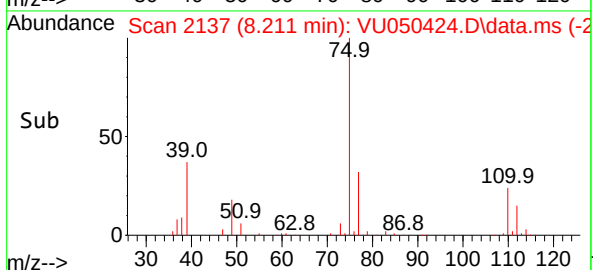
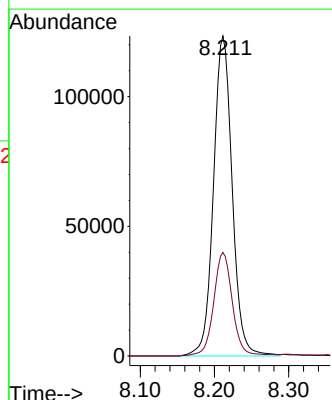
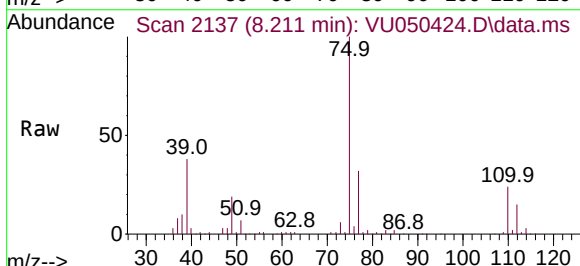
Acq: 24 Aug 2022 13:37

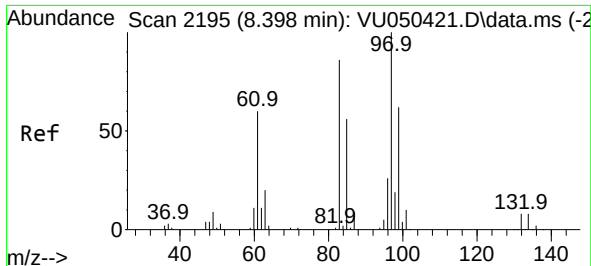
Tgt Ion: 75 Resp: 216065

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.7

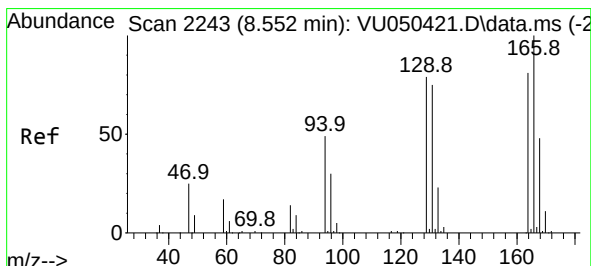
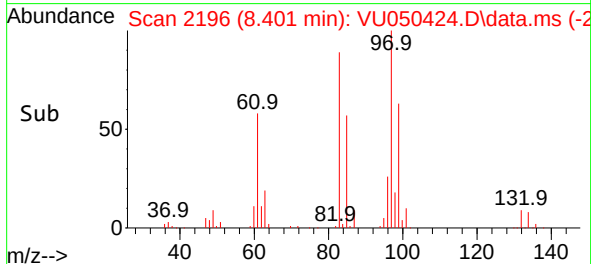
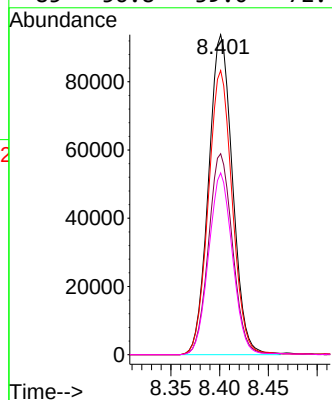
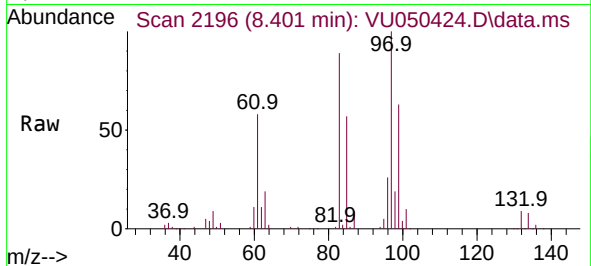




#45
1,1,2-Trichloroethane
Concen: 49.946 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

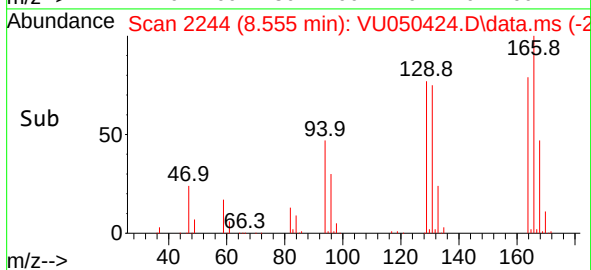
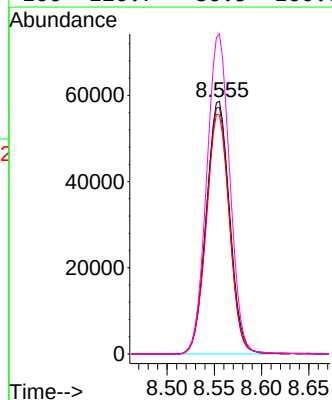
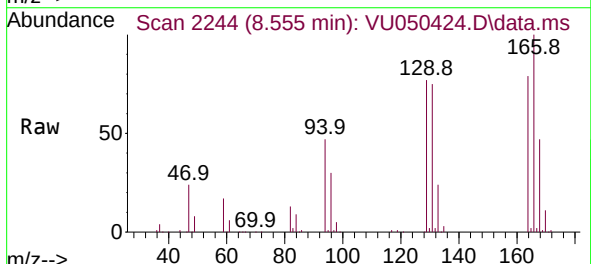
Instrument :
MSVOA_U
ClientSampleId :

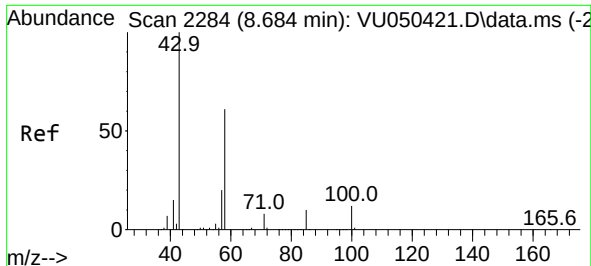
Tgt Ion:	97	Resp:	160661
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.3	80.3
83	88.8	60.3	112.1
85	56.8	39.0	72.4



#46
Tetrachloroethene
Concen: 51.522 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

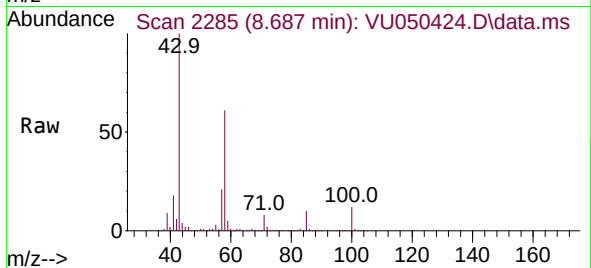
Tgt Ion:	164	Resp:	100804
Ion	Ratio	Lower	Upper
164	100		
129	97.6	68.0	126.4
131	94.6	65.4	121.4
166	126.7	86.5	160.7



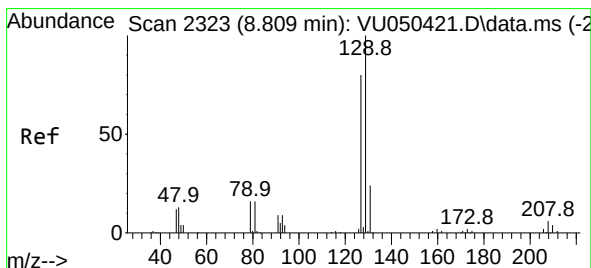
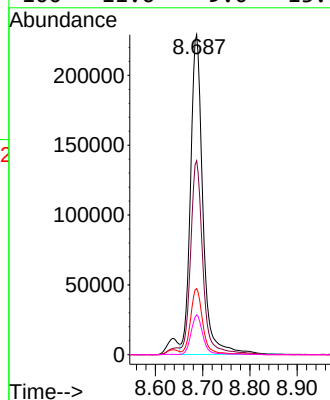
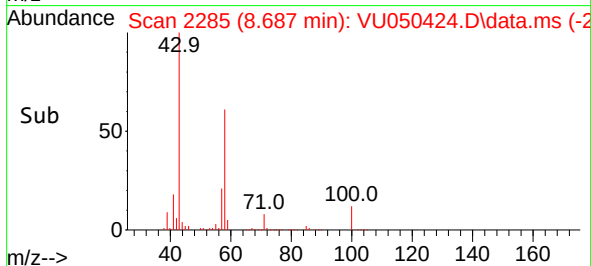


#48
2-Hexanone
Concen: 114.787 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

Instrument :
MSVOA_U
ClientSampleId :

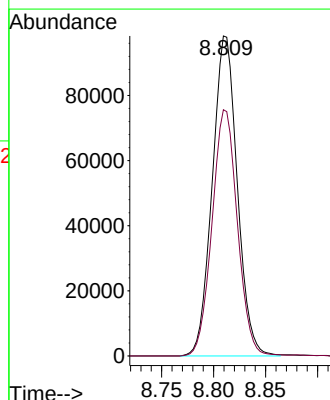
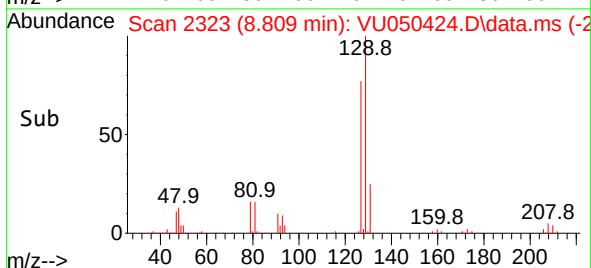
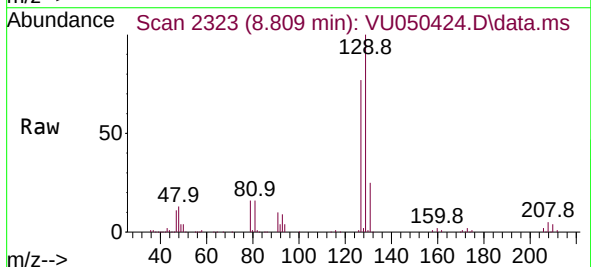


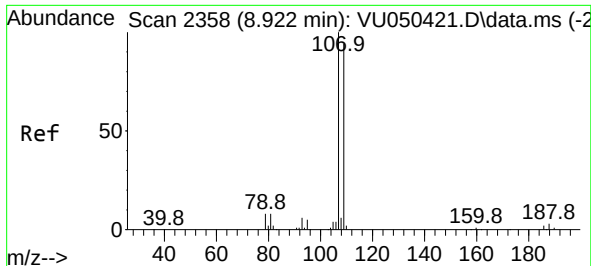
Tgt Ion: 43 Resp: 416430
Ion Ratio Lower Upper
43 100
58 57.8 47.9 71.9
57 18.9 15.4 23.0
100 11.6 9.0 13.6



#49
Dibromochloromethane
Concen: 49.401 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

Tgt Ion: 129 Resp: 164603
Ion Ratio Lower Upper
129 100
127 76.9 55.9 103.7





#50

1,2-Dibromoethane

Concen: 51.025 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

Instrument :

MSVOA_U

ClientSampleId :

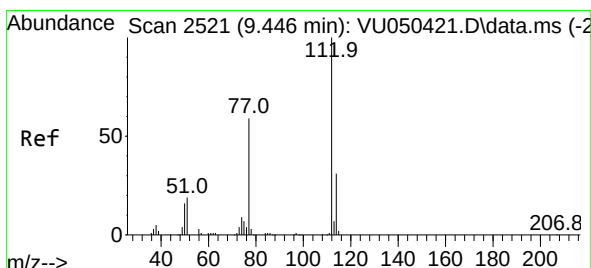
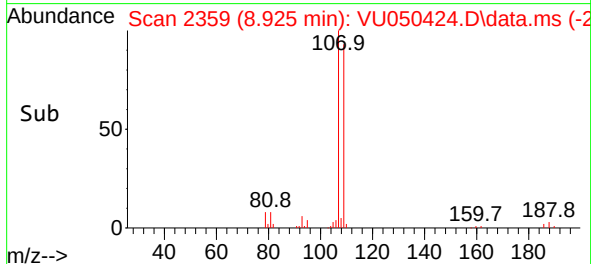
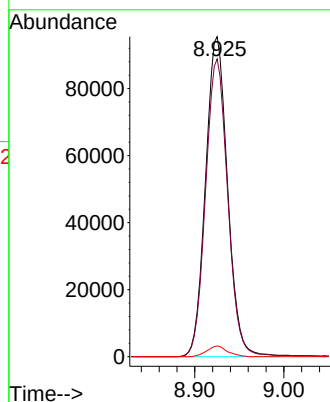
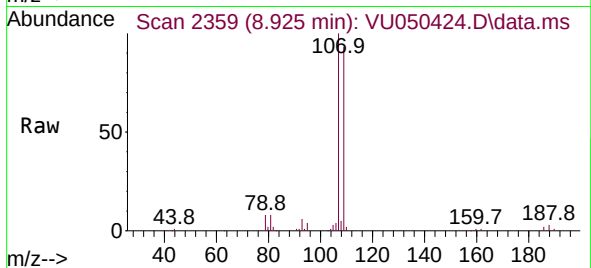
Tgt Ion:107 Resp: 164026

Ion Ratio Lower Upper

107 100

109 93.0 66.0 122.6

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 50.844 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

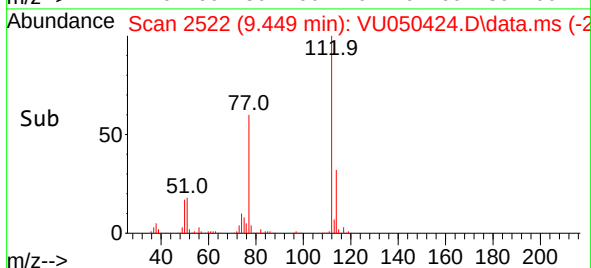
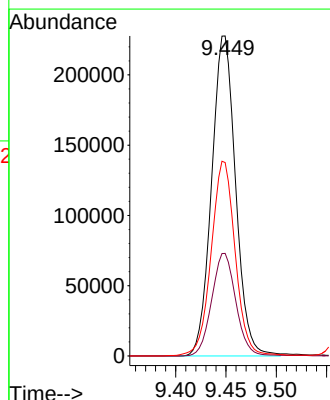
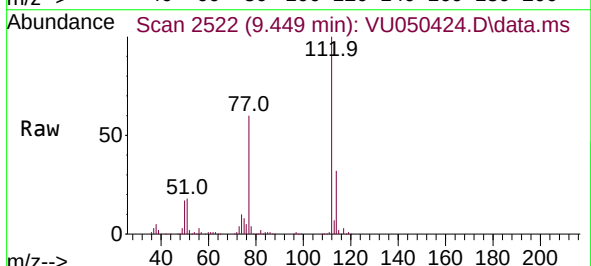
Tgt Ion:112 Resp: 378324

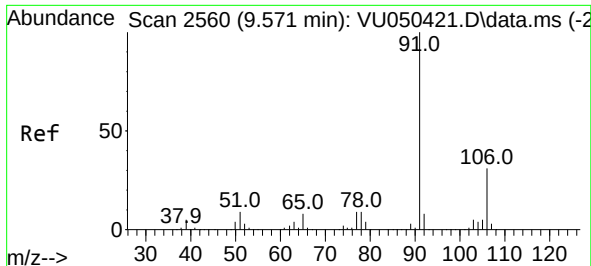
Ion Ratio Lower Upper

112 100

114 32.0 21.8 40.6

77 60.5 47.6 71.4

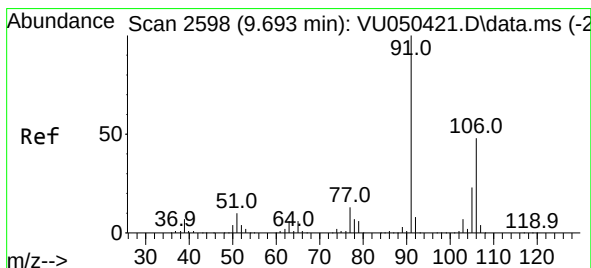
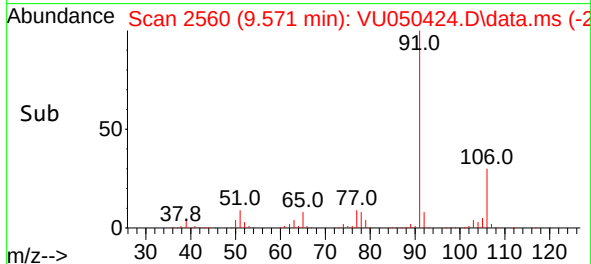
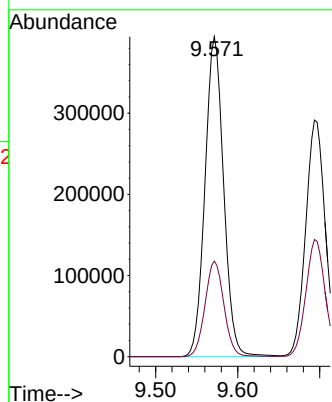
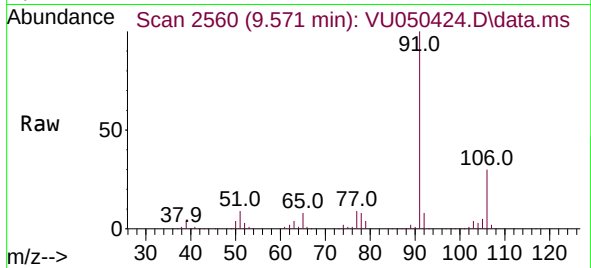




#52
Ethylbenzene
Concen: 54.520 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

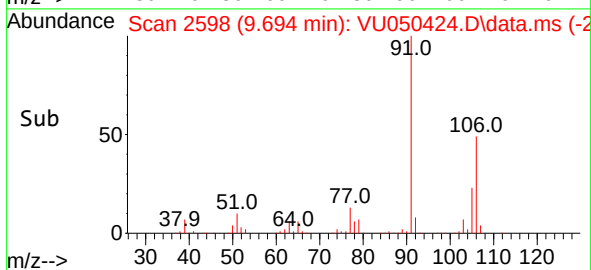
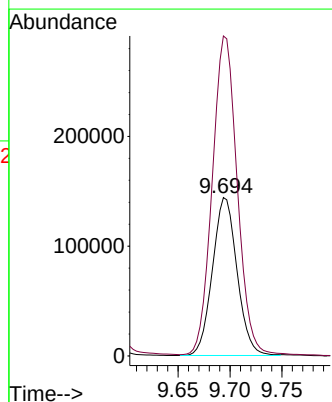
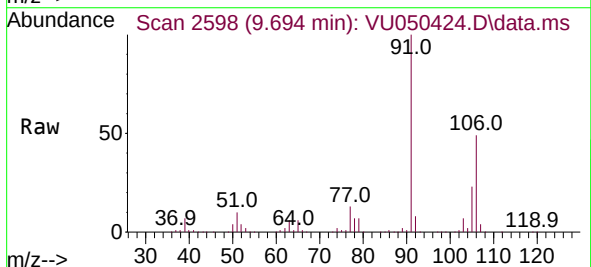
Instrument :
MSVOA_U
ClientSampleId :

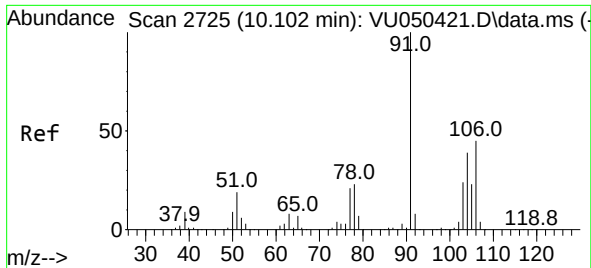
Tgt Ion: 91 Resp: 623053
Ion Ratio Lower Upper
91 100
106 29.9 21.7 40.3



#53
m,p-Xylene
Concen: 55.532 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

Tgt Ion: 106 Resp: 236994
Ion Ratio Lower Upper
106 100
91 202.1 145.9 270.9

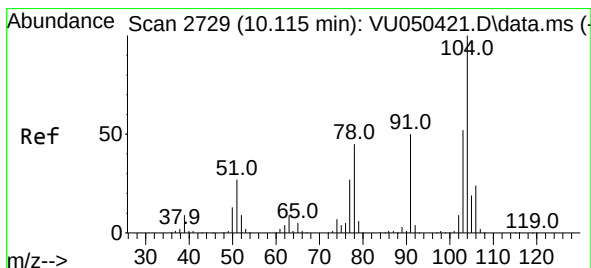
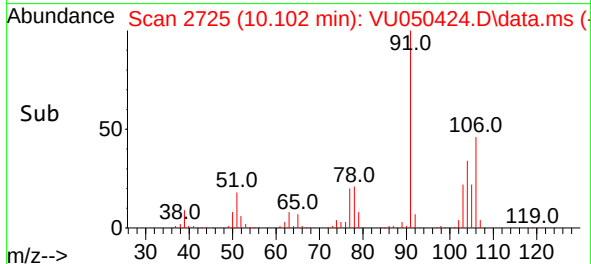
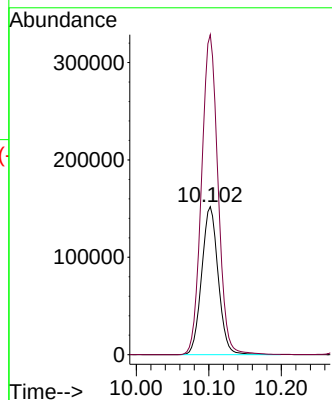
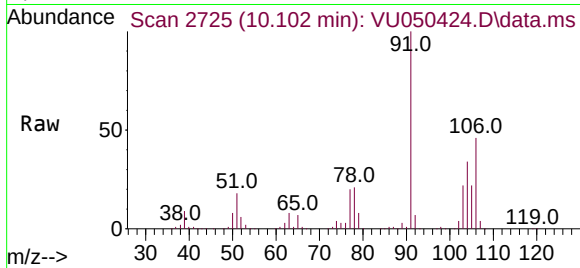




#54
o-Xylene
Concen: 56.802 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

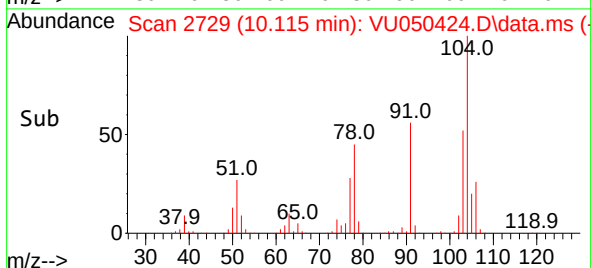
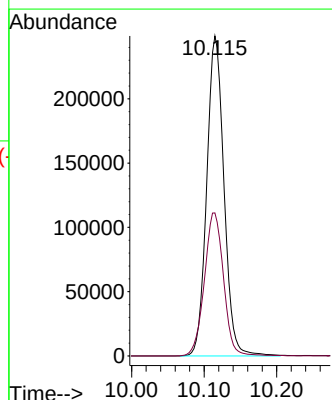
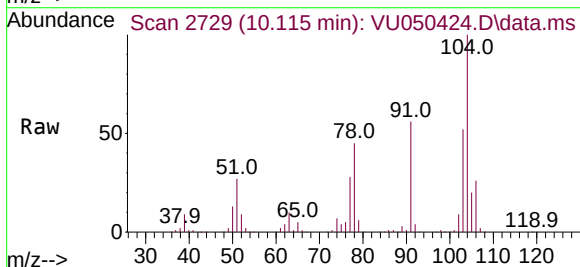
Instrument :
MSVOA_U
ClientSampleId :

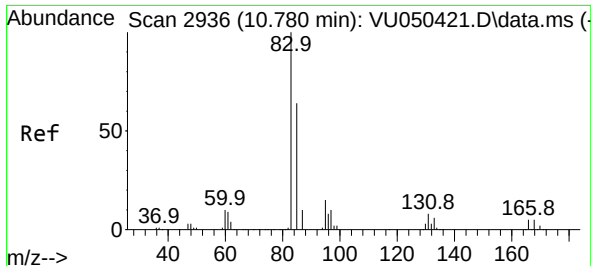
Tgt Ion:106 Resp: 240837
Ion Ratio Lower Upper
106 100
91 216.1 154.8 287.4



#55
Styrene
Concen: 57.077 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

Tgt Ion:104 Resp: 411788
Ion Ratio Lower Upper
104 100
78 44.7 31.6 58.8





#57

1,1,2,2-Tetrachloroethane

Concen: 49.358 ug/L

RT: 10.784 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

Instrument :

MSVOA_U

ClientSampleId :

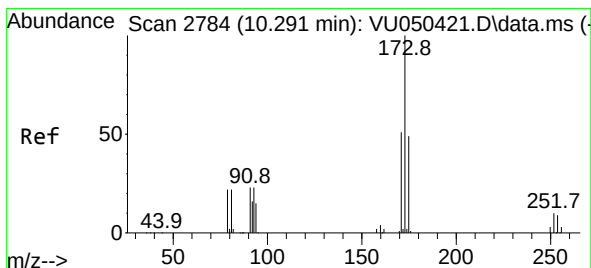
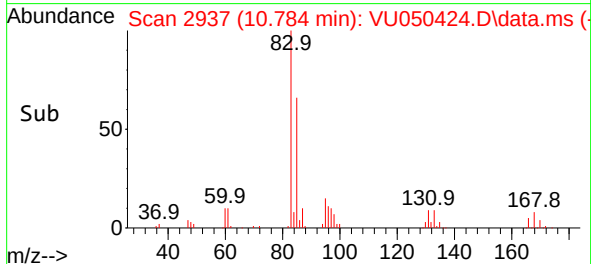
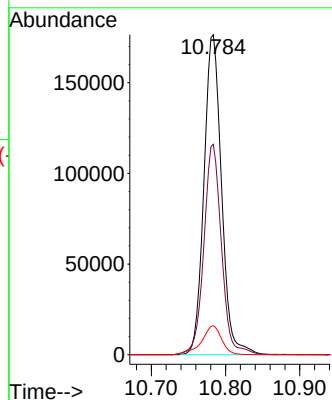
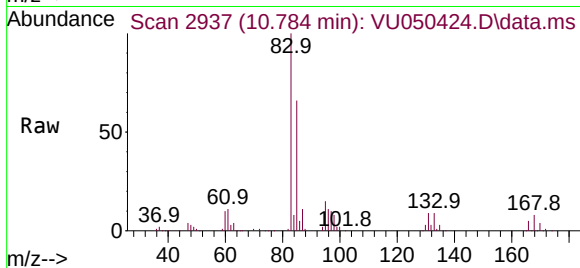
Tgt Ion: 83 Resp: 290110

Ion Ratio Lower Upper

83 100

85 65.7 45.4 84.2

131 9.0 7.2 10.8



#59

Bromoform

Concen: 48.288 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

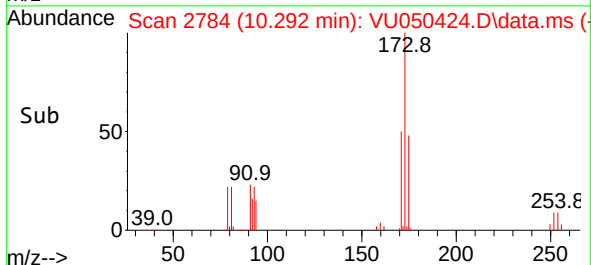
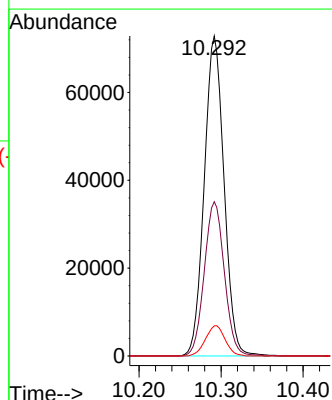
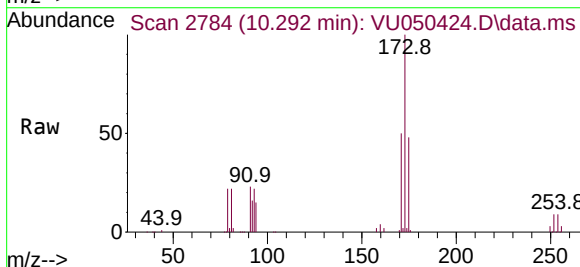
Tgt Ion:173 Resp: 122079

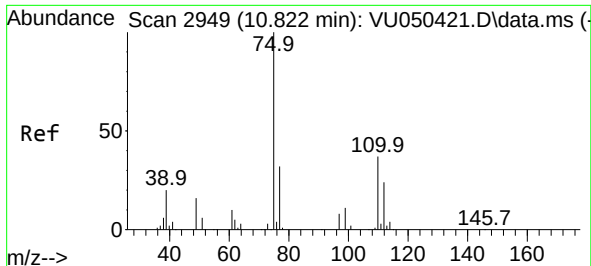
Ion Ratio Lower Upper

173 100

175 48.9 38.4 57.6

254 9.4 7.1 10.7

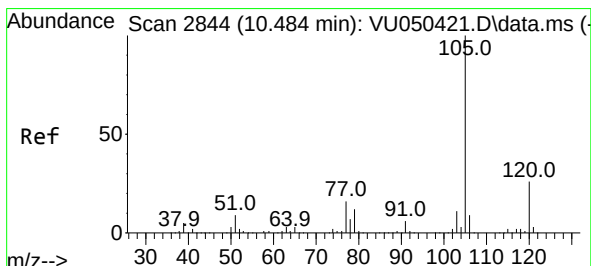
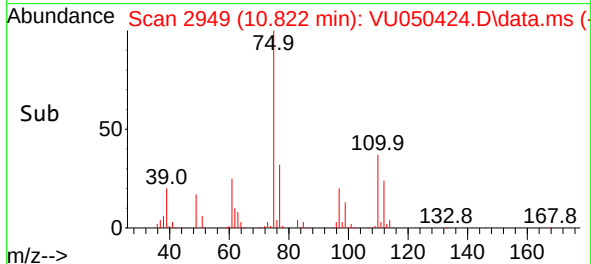
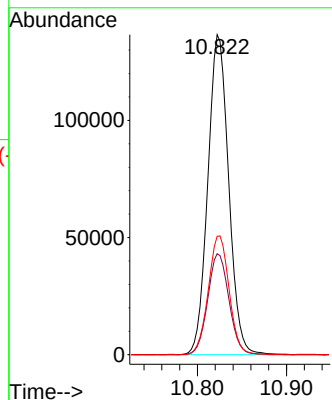
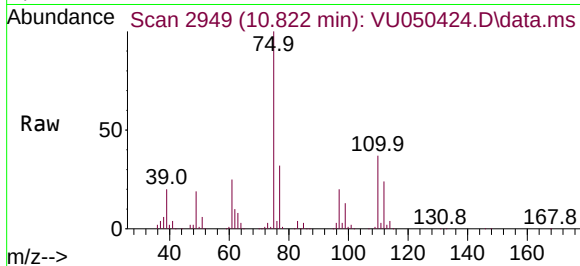




#60
1,2,3-Trichloropropane
Concen: 48.730 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

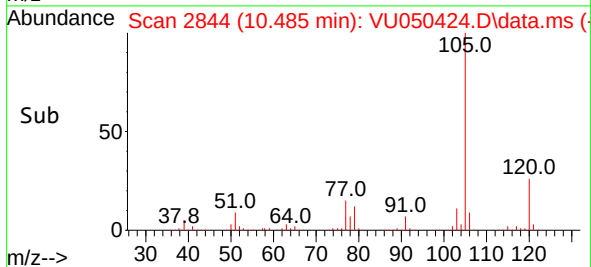
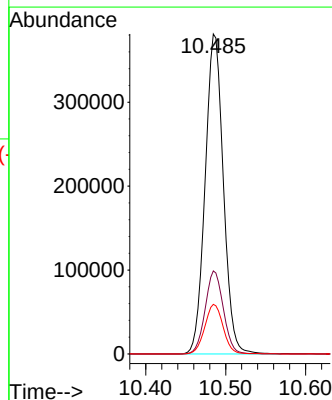
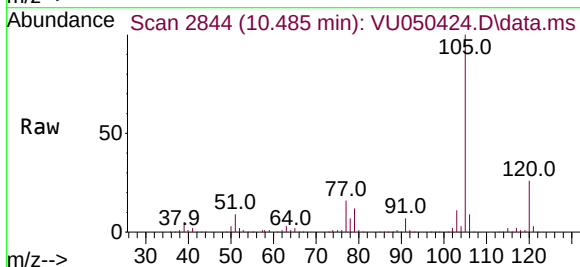
Instrument :
MSVOA_U
ClientSampleId :

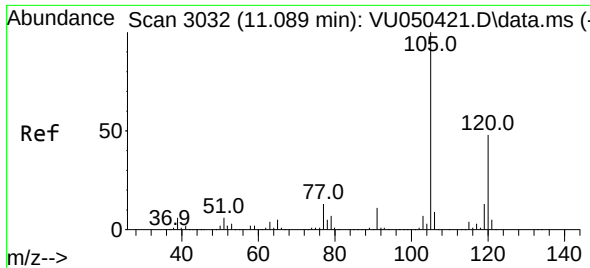
Tgt Ion: 75 Resp: 221696
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
110 37.2 29.0 43.4



#61
Isopropylbenzene
Concen: 55.339 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

Tgt Ion: 105 Resp: 604292
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.6 12.5 18.7

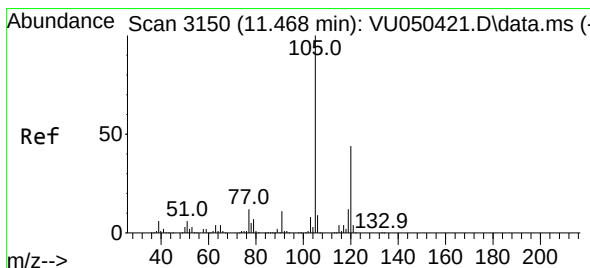
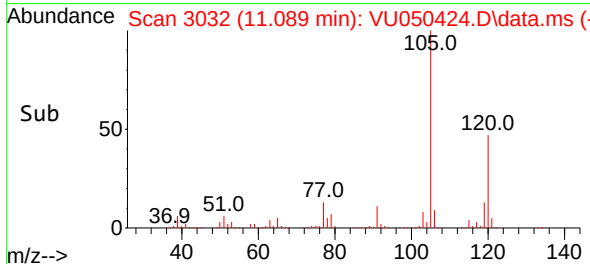
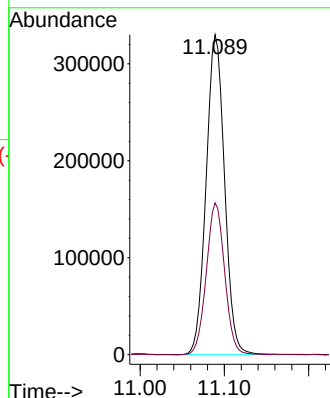
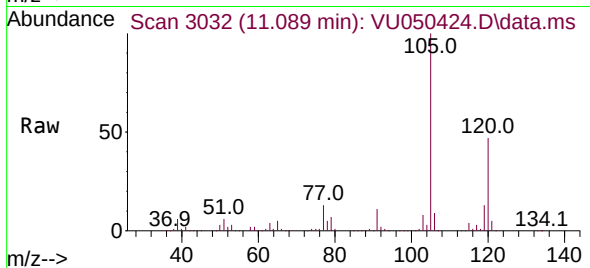




#62
1,3,5-Trimethylbenzene
Concen: 57.029 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

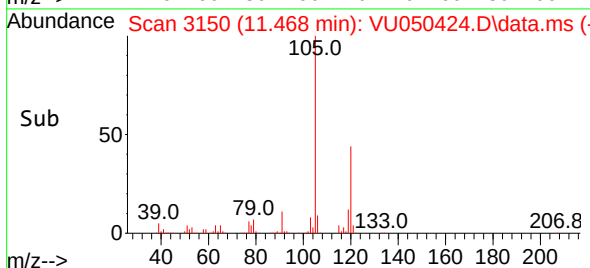
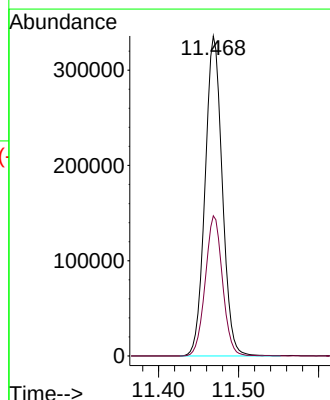
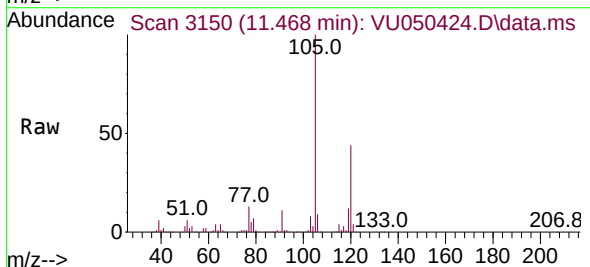
Instrument :
MSVOA_U
ClientSampleId :

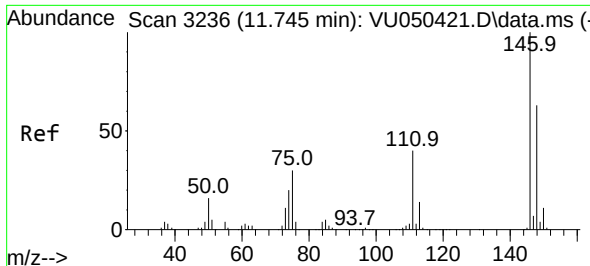
Tgt Ion:105 Resp: 502833
Ion Ratio Lower Upper
105 100
120 47.2 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 58.511 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

Tgt Ion:105 Resp: 503171
Ion Ratio Lower Upper
105 100
120 43.9 35.3 52.9

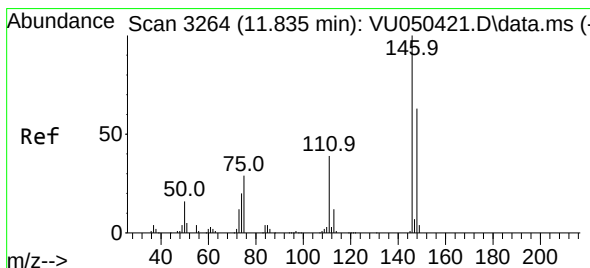
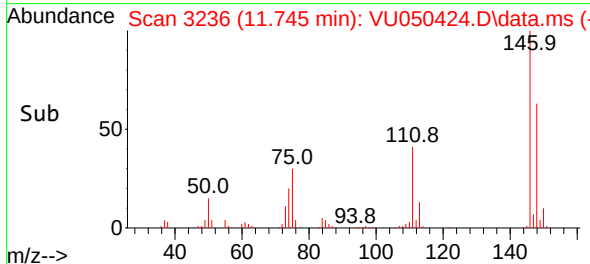
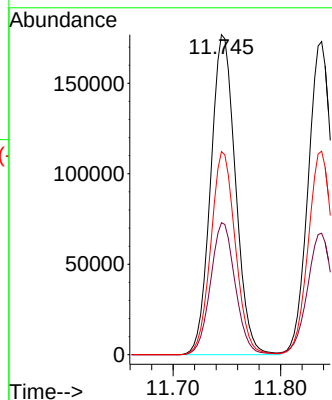
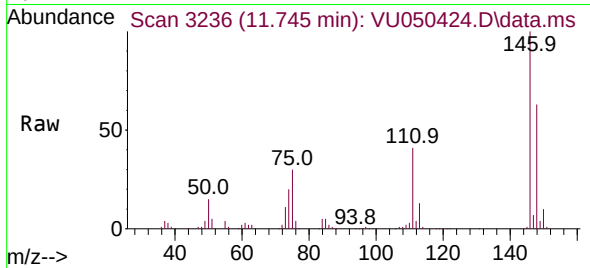




#64
1,3-Dichlorobenzene
Concen: 53.174 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

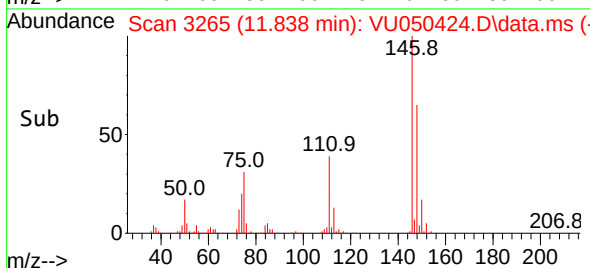
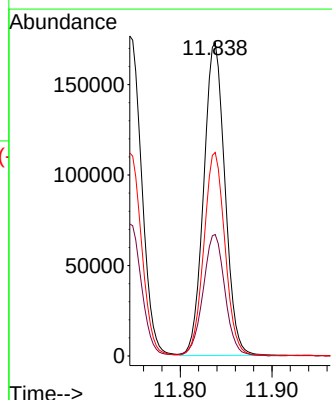
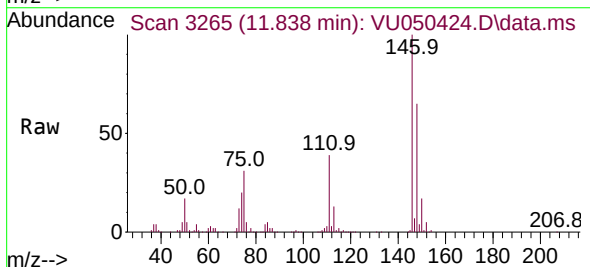
Instrument :
MSVOA_U
ClientSampleId :

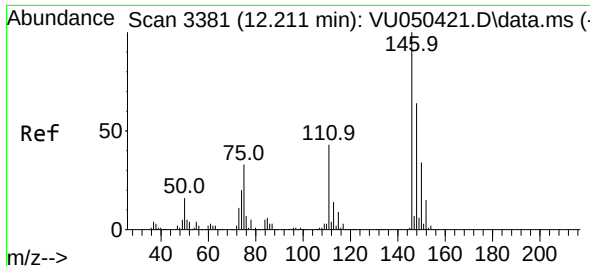
Tgt Ion:146 Resp: 283908
Ion Ratio Lower Upper
146 100
111 41.2 28.1 52.1
148 63.5 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 51.726 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

Tgt Ion:146 Resp: 278134
Ion Ratio Lower Upper
146 100
111 38.8 27.6 51.2
148 65.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 52.460 ug/L

RT: 12.214 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

Instrument :

MSVOA_U

ClientSampleId :

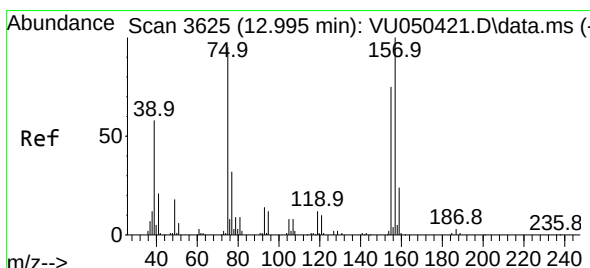
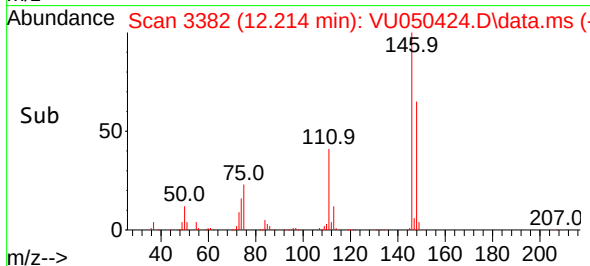
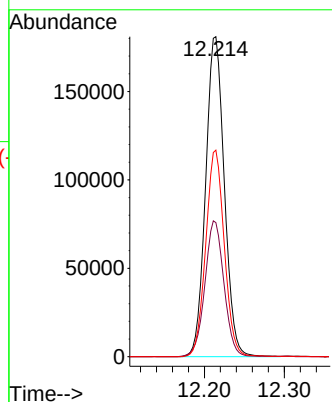
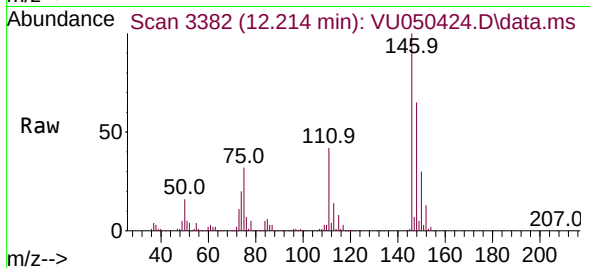
Tgt Ion:146 Resp: 294546

Ion Ratio Lower Upper

146 100

111 41.9 34.1 51.1

148 64.6 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 50.087 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

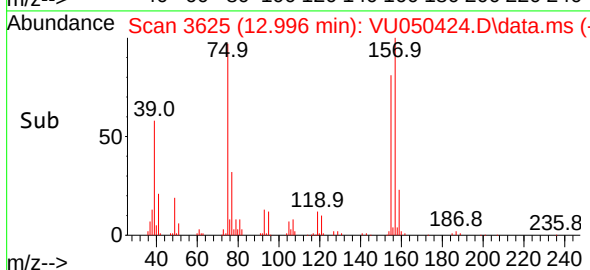
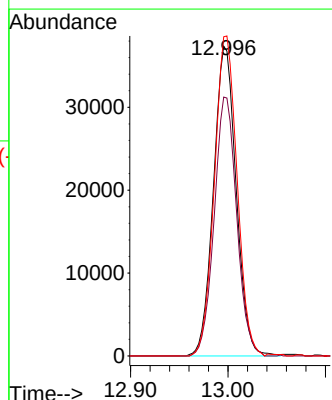
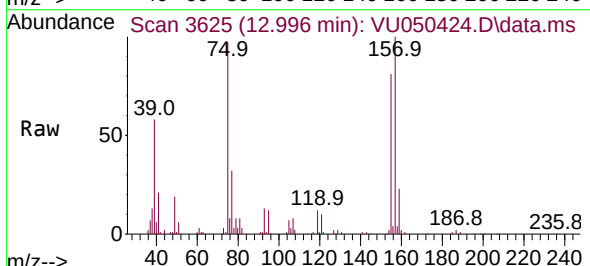
Tgt Ion: 75 Resp: 60561

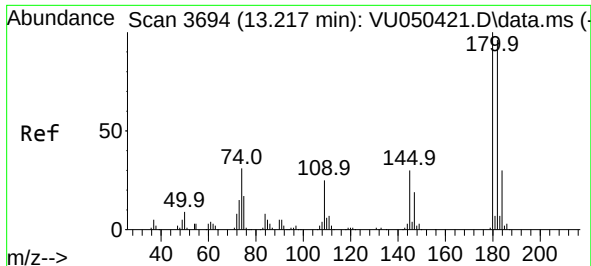
Ion Ratio Lower Upper

75 100

155 87.8 63.1 94.7

157 103.1 84.2 126.2





#69

1,3,5-Trichlorobenzene

Concen: 55.057 ug/L

RT: 13.221 min Scan# 30

Delta R.T. 0.003 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 202634

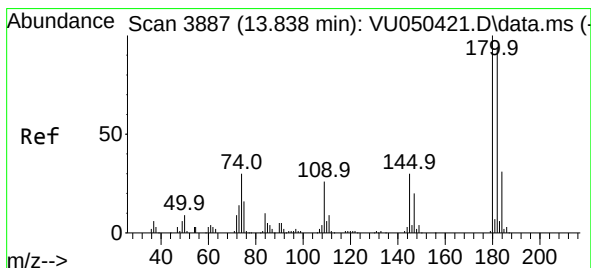
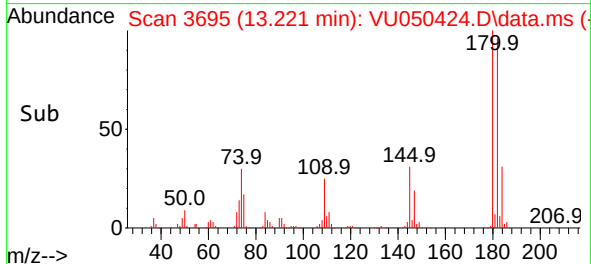
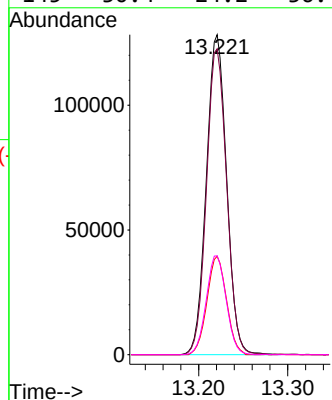
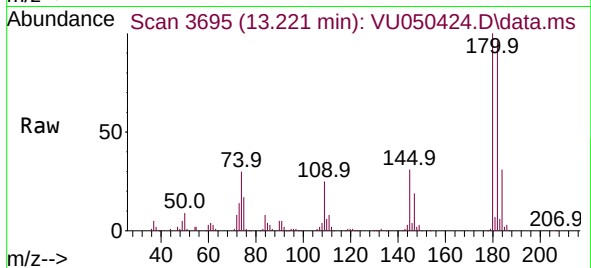
Ion Ratio Lower Upper

180 100

182 95.1 77.0 115.6

184 29.6 24.1 36.1

145 30.4 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 61.483 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU050424.D

Acq: 24 Aug 2022 13:37

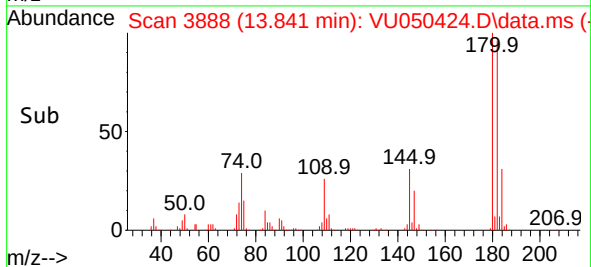
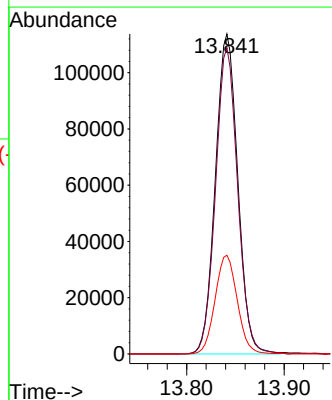
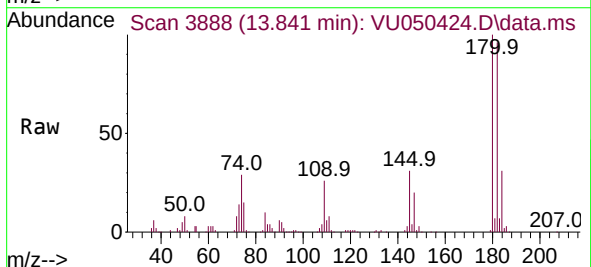
Tgt Ion:180 Resp: 181221

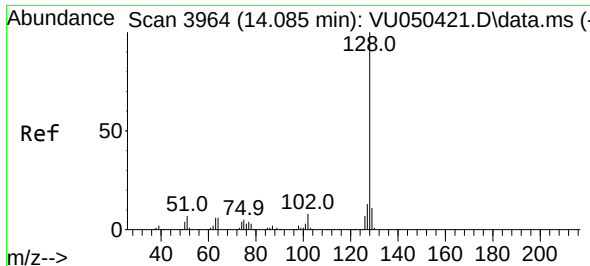
Ion Ratio Lower Upper

180 100

182 94.8 75.4 113.2

145 30.6 23.9 35.9

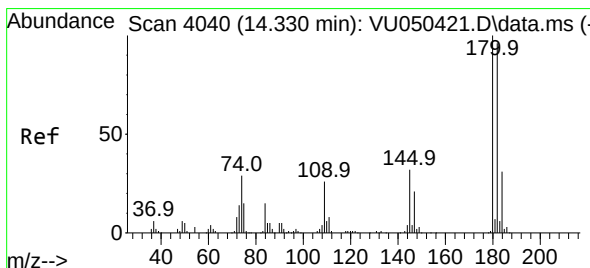
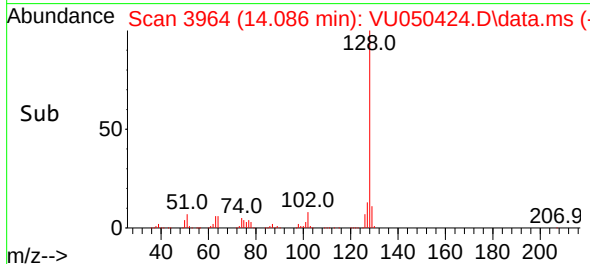
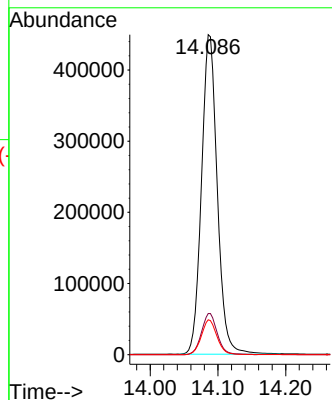
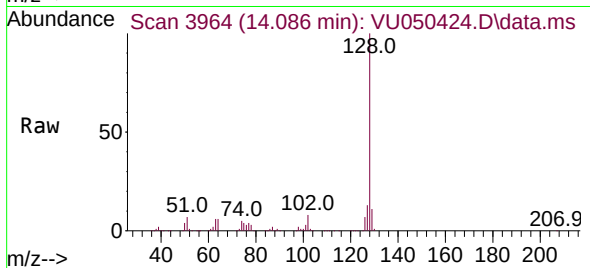




#71
Naphthalene
Concen: 74.942 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 724595
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 62.898 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050424.D
Acq: 24 Aug 2022 13:37

Tgt Ion:180 Resp: 202619
Ion Ratio Lower Upper
180 100
182 95.9 76.8 115.2
145 32.8 26.5 39.7

