

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071922\
 Data File : VU049777.D
 Acq On : 19 Jul 2022 11:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 20 02:15:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 19 02:09:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	182914	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	178280	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89173	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73154	47.400	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.800%
7) Chloroethane-d5	1.899	69	54197	48.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.160%
11) 1,1-Dichloroethene-d2	2.565	63	123578	45.331	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.660%
21) 2-Butanone-d5	4.623	46	133781	101.542	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.540%
24) Chloroform-d	5.063	84	137383	50.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.520%
26) 1,2-Dichloroethane-d4	5.700	65	93177	50.365	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.740%
32) Benzene-d6	5.726	84	251766	46.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.960%
36) 1,2-Dichloropropane-d6	6.690	67	88243	48.439	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.880%
41) Toluene-d8	7.896	98	220308	46.709	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.420%
43) trans-1,3-Dichloroprop...	8.179	79	39074	50.908	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.820%
47) 2-Hexanone-d5	8.632	63	71332	87.047	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.050%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	127648	50.077	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.160%
66) 1,2-Dichlorobenzene-d4	12.192	152	80670	47.980	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	95083	43.366	ug/L	99
3) Chloromethane	1.520	50	115161	47.857	ug/L	99
5) Vinyl chloride	1.600	62	96423	44.343	ug/L	99
6) Bromomethane	1.838	94	49214	48.985	ug/L	95
8) Chloroethane	1.922	64	55991	46.482	ug/L	97
9) Trichlorofluoromethane	2.131	101	124576	46.390	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	65006	46.133	ug/L	100
12) 1,1-Dichloroethene	2.575	96	59385	45.409	ug/L	92
13) Acetone	2.626	43	115292	92.081	ug/L	97
14) Carbon disulfide	2.787	76	174720	39.618	ug/L	99
15) Methyl Acetate	2.948	43	118803	58.404	ug/L	100
16) Methylene chloride	3.041	84	88719	53.872	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	67024	46.849	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	258062	52.663	ug/L	100
19) 1,1-Dichloroethane	3.867	63	154179	51.765	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	81727	50.830	ug/L	98
22) 2-Butanone	4.700	43	179086	106.831	ug/L	98
23) Bromochloromethane	4.973	128	44120	54.994	ug/L	90
25) Chloroform	5.086	83	159013	53.242	ug/L	99

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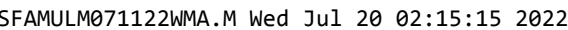
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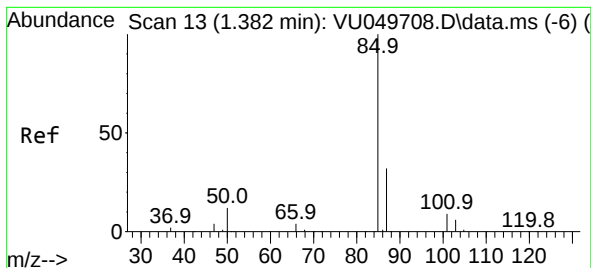
Quant Time: Jul 20 02:15:03 2022
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	134335	52.823	ug/L	99
29) Cyclohexane	5.388	56	115138	41.376	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	127268	49.310	ug/L	99
31) Carbon tetrachloride	5.523	117	101728	48.190	ug/L	98
33) Benzene	5.771	78	331832	49.518	ug/L	100
34) Trichloroethene	6.542	95	76855	47.446	ug/L	98
35) Methylcyclohexane	6.761	83	108951	42.802	ug/L	98
37) 1,2-Dichloropropane	6.790	63	95916	51.639	ug/L	99
38) Bromodichloromethane	7.105	83	119662	51.961	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	132102	52.734	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	321607	106.955	ug/L	99
42) Toluene	7.970	91	335405	50.360	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	122455	52.062	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	85729	52.878	ug/L	99
46) Tetrachloroethene	8.552	164	53032	47.203	ug/L	96
48) 2-Hexanone	8.684	43	262366	109.187	ug/L	100
49) Dibromochloromethane	8.809	129	88378	54.198	ug/L	97
50) 1,2-Dibromoethane	8.922	107	88212	54.773	ug/L	98
51) Chlorobenzene	9.446	112	203080	50.351	ug/L	99
52) Ethylbenzene	9.571	91	342640	48.752	ug/L	100
53) m,p-Xylene	9.693	106	125848	49.244	ug/L	99
54) o-Xylene	10.098	106	128784	50.047	ug/L	96
55) Styrene	10.111	104	224742	52.922	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	158485	54.610	ug/L	99
59) Bromoform	10.291	173	64664	54.066	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	125968	53.035	ug/L	100
61) Isopropylbenzene	10.484	105	327234	49.145	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	281755	50.166	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	281097	50.379	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	148195	50.985	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	147782	50.614	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	158077	52.301	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	38651	55.535	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	102630	50.389	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	89603	47.939	ug/L	96
71) Naphthalene	14.085	128	331877	49.669	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	99578	51.432	ug/L	99

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

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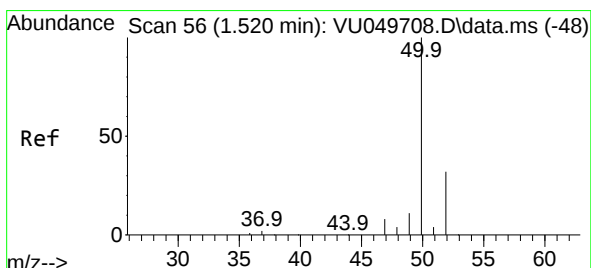
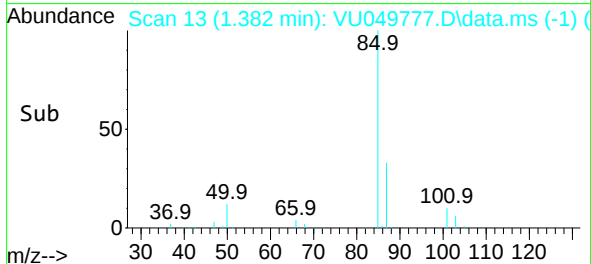
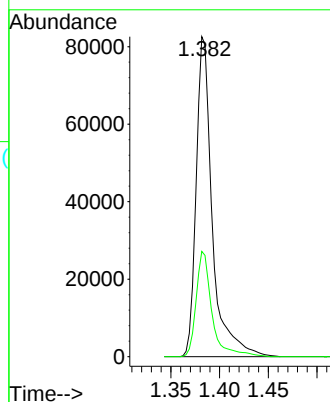
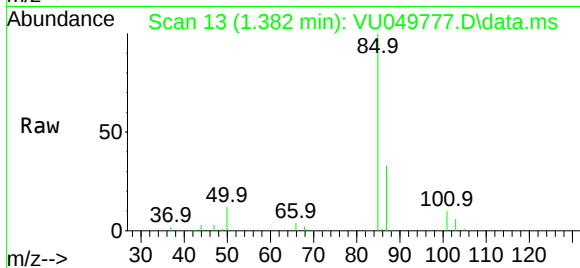




#2
Dichlorodifluoromethane
Concen: 43.366 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

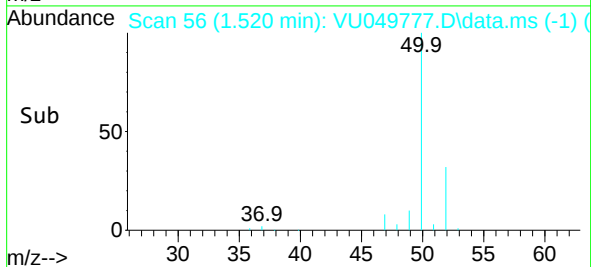
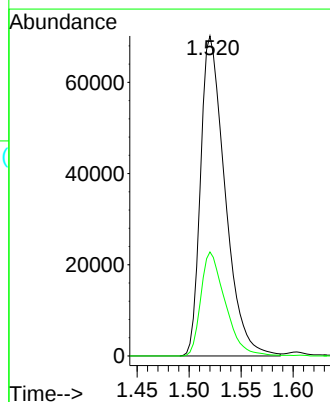
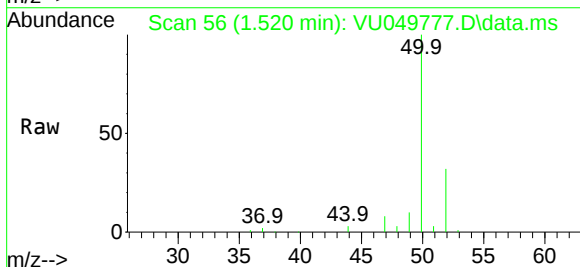
Instrument :
MSVOA_U
ClientSampleId :

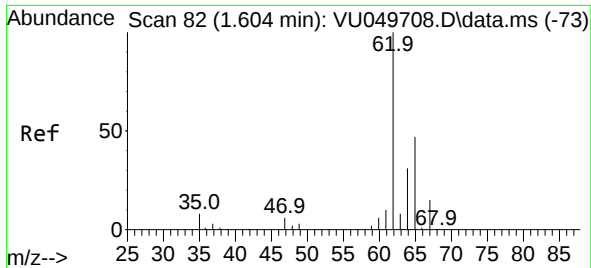
Tgt Ion: 85 Resp: 95083
Ion Ratio Lower Upper
85 100
87 32.4 26.3 39.5



#3
Chloromethane
Concen: 47.857 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

Tgt Ion: 50 Resp: 115161
Ion Ratio Lower Upper
50 100
52 32.5 23.2 43.0

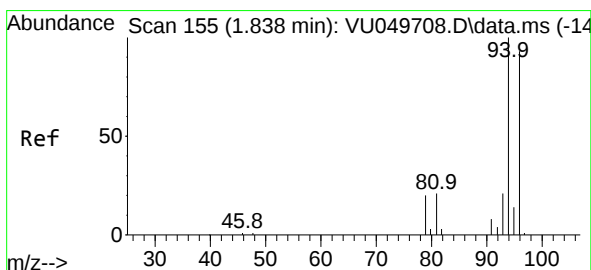
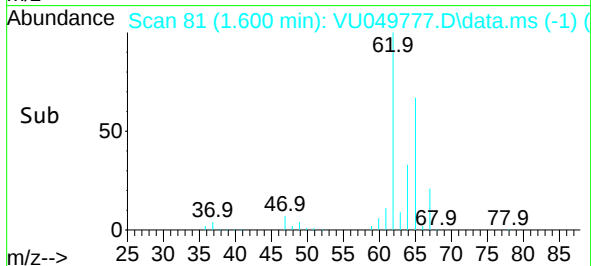
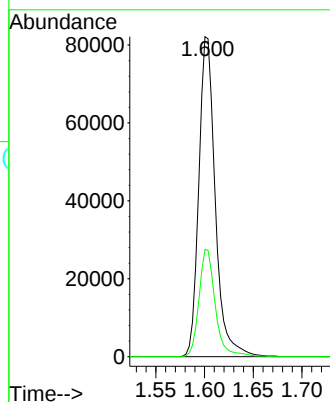
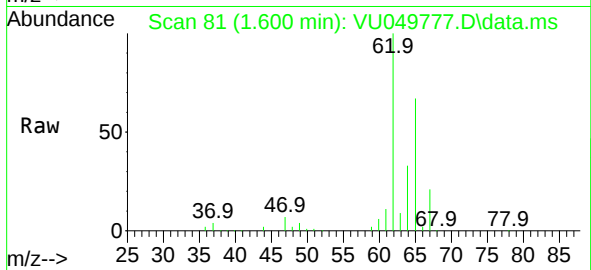




#5
 Vinyl chloride
 Concen: 44.343 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049777.D
 Acq: 19 Jul 2022 11:36

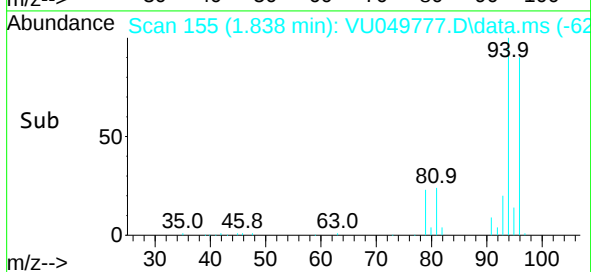
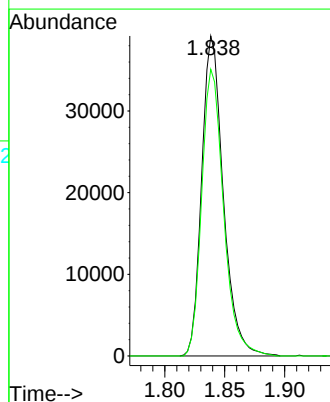
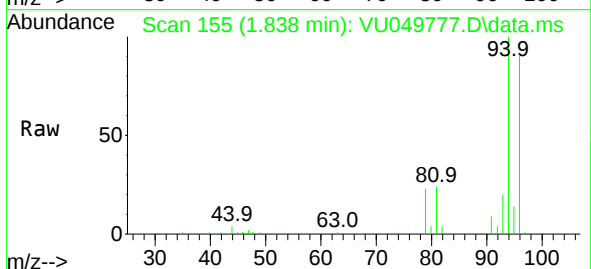
Instrument :
 MSVOA_U
 ClientSampleId :

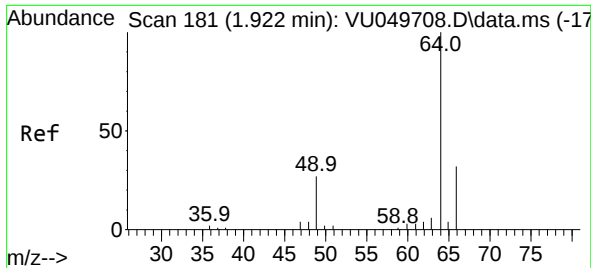
Tgt Ion: 62 Resp: 96423
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.0 42.6



#6
 Bromomethane
 Concen: 48.985 ug/L
 RT: 1.838 min Scan# 155
 Delta R.T. -0.000 min
 Lab File: VU049777.D
 Acq: 19 Jul 2022 11:36

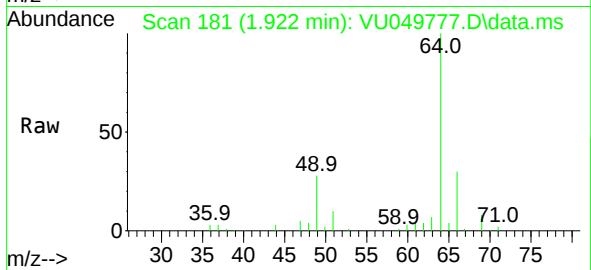
Tgt Ion: 94 Resp: 49214
 Ion Ratio Lower Upper
 94 100
 96 89.6 66.1 122.7



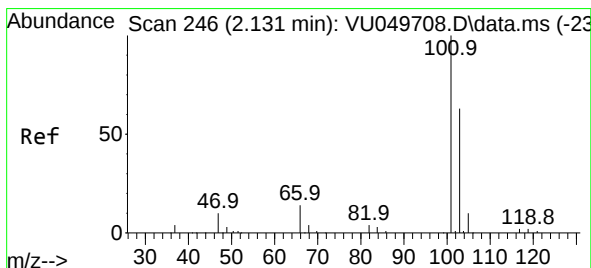
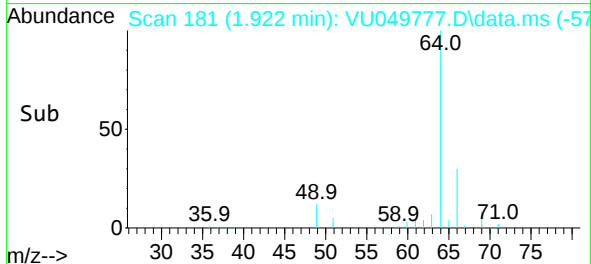
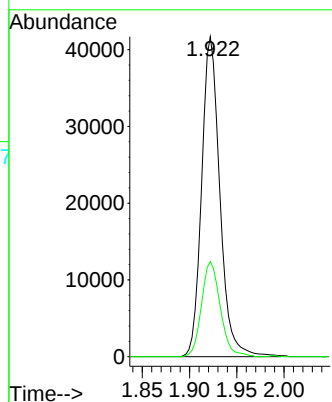


#8
Chloroethane
Concen: 46.482 ug/L
RT: 1.922 min Scan# 181
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

Instrument :
MSVOA_U
ClientSampleId :

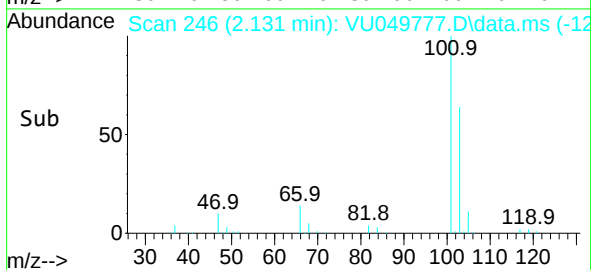
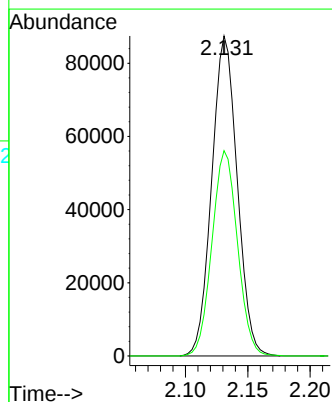
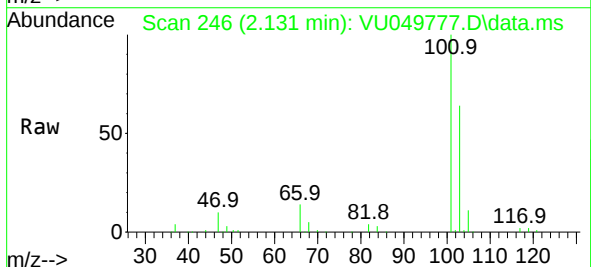


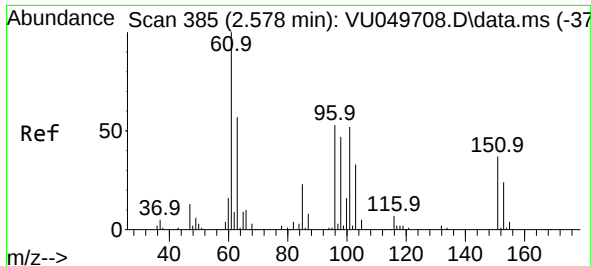
Tgt Ion: 64 Resp: 55991
Ion Ratio Lower Upper
64 100
66 29.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 46.390 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

Tgt Ion:101 Resp: 124576
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.4

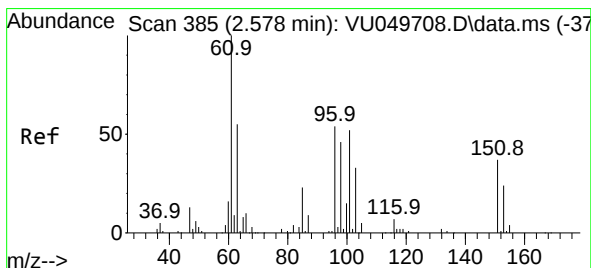
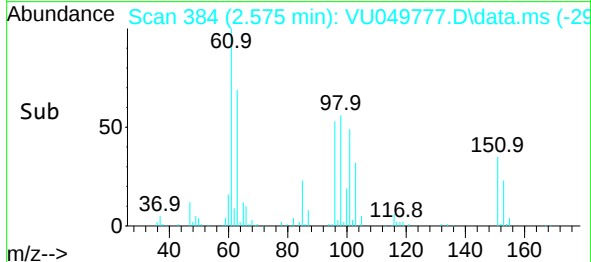
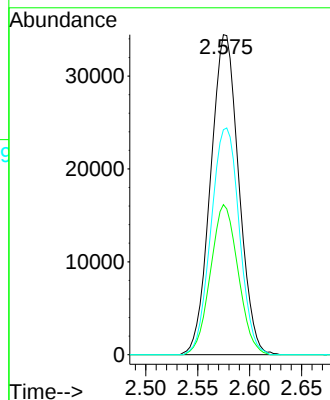
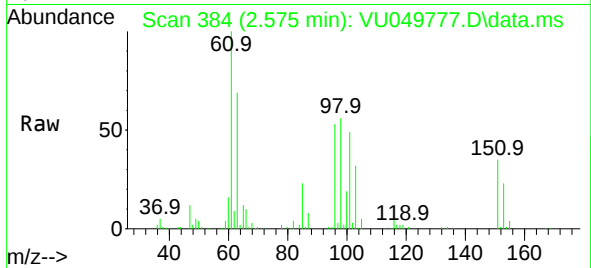




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.133 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU049777.D
 Acq: 19 Jul 2022 11:36

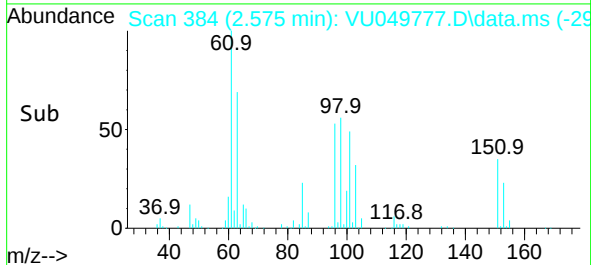
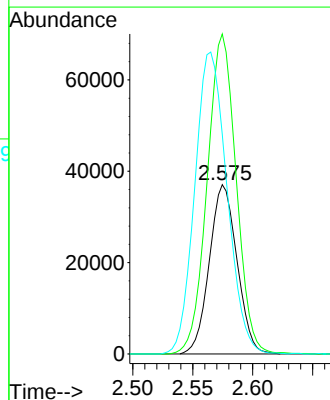
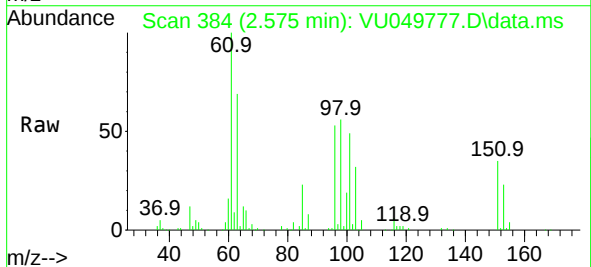
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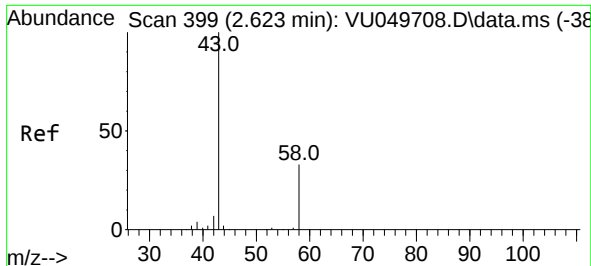
Tgt Ion:101 Resp: 65006
 Ion Ratio Lower Upper
 101 100
 85 46.0 37.3 55.9
 151 71.2 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 45.409 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU049777.D
 Acq: 19 Jul 2022 11:36

Tgt Ion: 96 Resp: 59385
 Ion Ratio Lower Upper
 96 100
 61 189.1 129.6 240.6
 63 129.7 79.0 146.6





#13

Acetone

Concen: 92.081 ug/L

RT: 2.626 min Scan# 40

Delta R.T. -0.000 min

Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

Instrument :

MSVOA_U

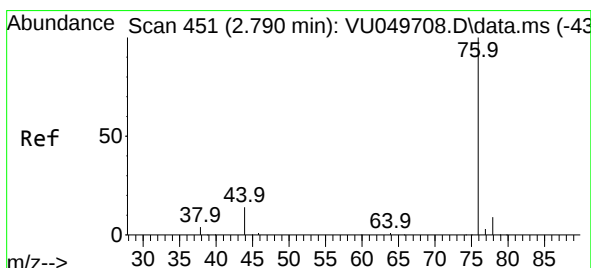
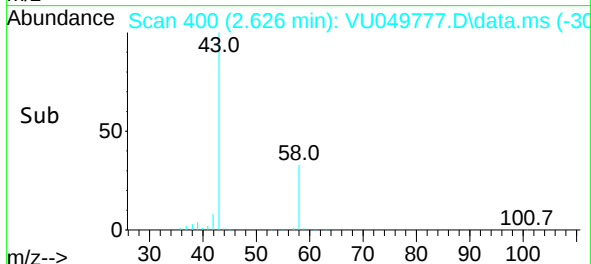
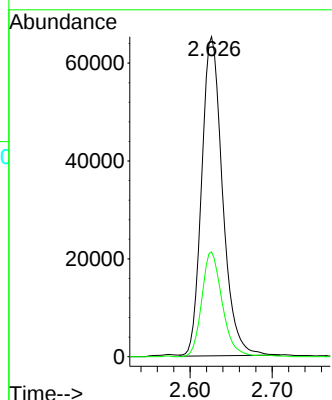
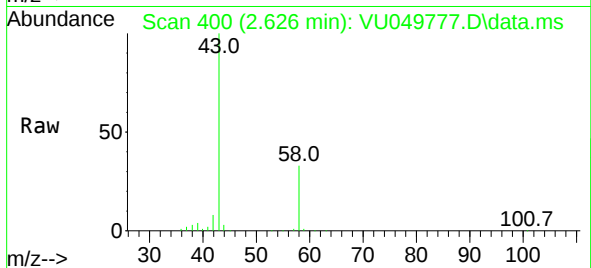
ClientSampleId :

Tgt Ion: 43 Resp: 115292

Ion Ratio Lower Upper

43 100

58 32.1 0.0 61.4



#14

Carbon disulfide

Concen: 39.618 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.000 min

Lab File: VU049777.D

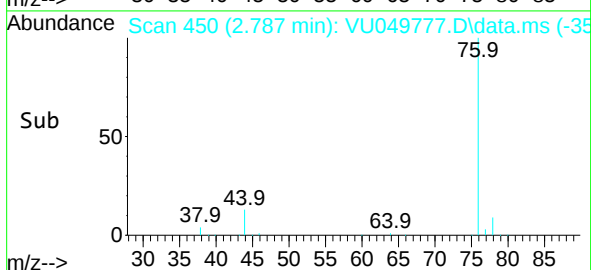
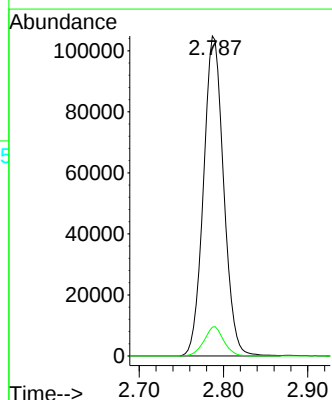
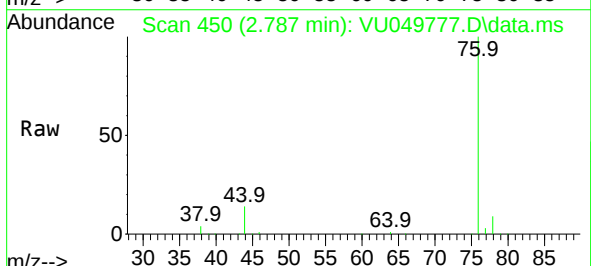
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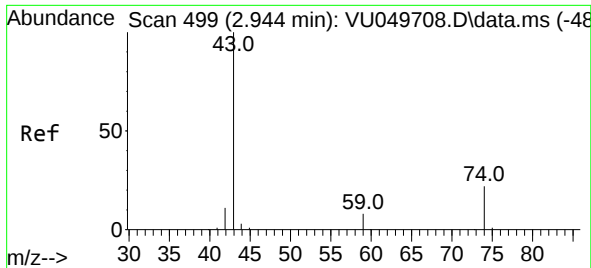
Tgt Ion: 76 Resp: 174720

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4

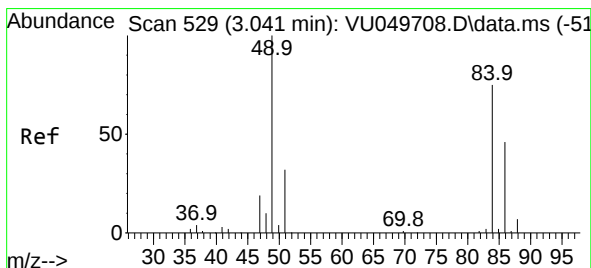
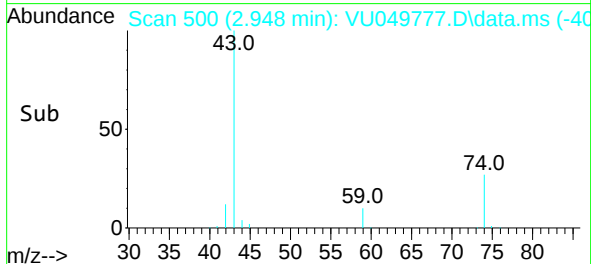
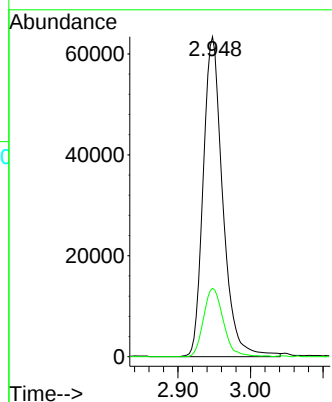
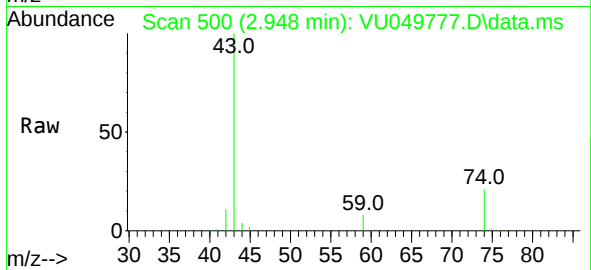




#15
Methyl Acetate
Concen: 58.404 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

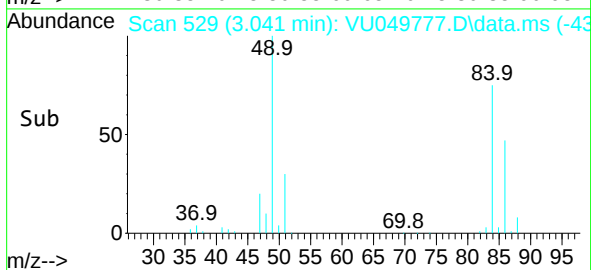
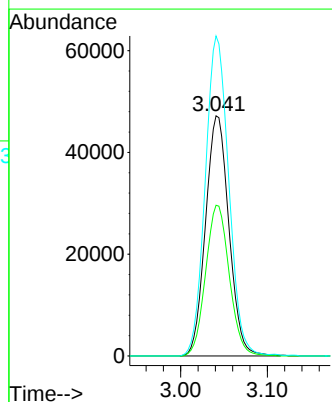
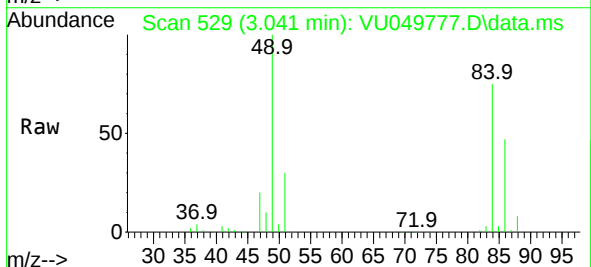
Instrument :
MSVOA_U
ClientSampleId :

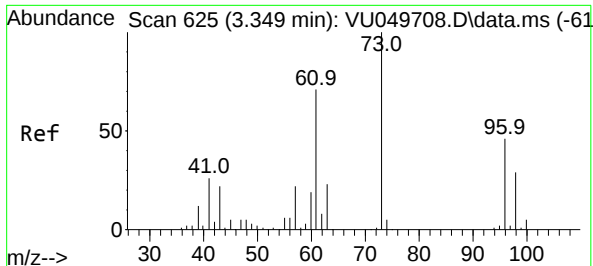
Tgt Ion: 43 Resp: 118803
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.0



#16
Methylene chloride
Concen: 53.872 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

Tgt Ion: 84 Resp: 88719
Ion Ratio Lower Upper
84 100
86 62.8 45.6 84.6
49 133.2 94.4 175.4





#17

trans-1,2-Dichloroethene

Concen: 46.849 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.000 min

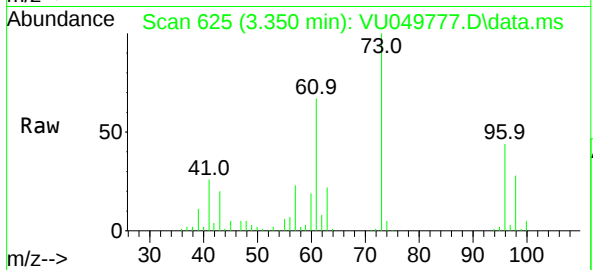
Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

Instrument :

MSVOA_U

ClientSampleId :



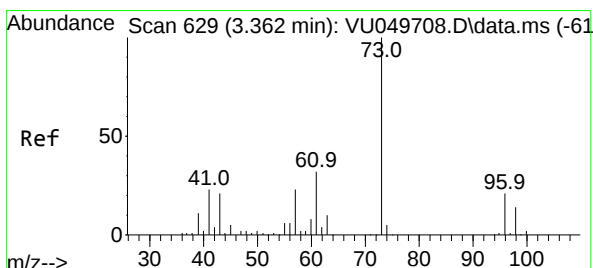
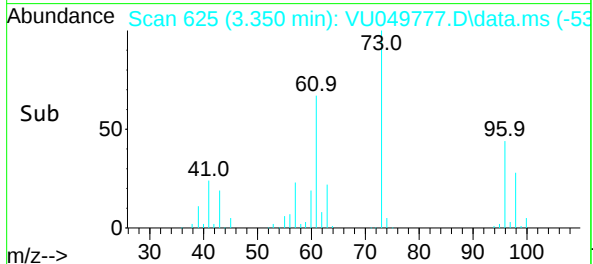
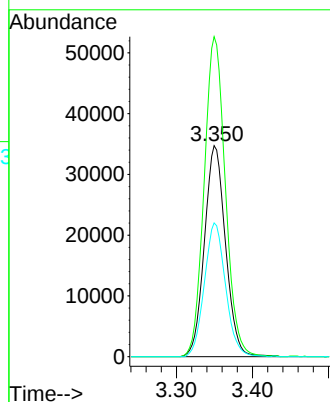
Tgt Ion: 96 Resp: 67024

Ion Ratio Lower Upper

96 100

61 151.6 107.6 199.8

98 63.4 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 52.663 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.000 min

Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

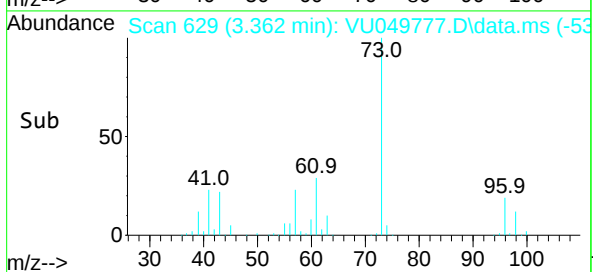
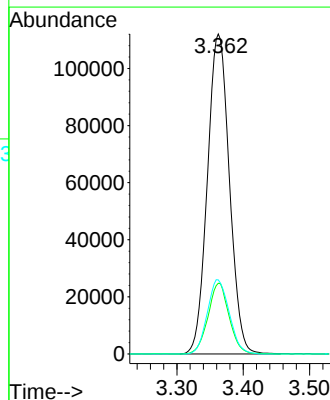
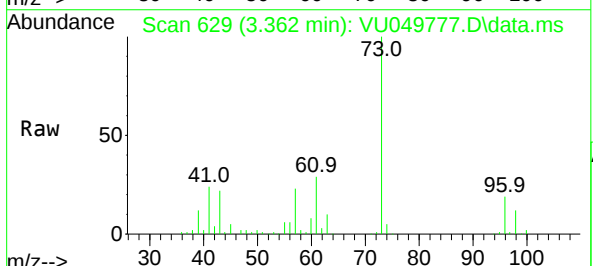
Tgt Ion: 73 Resp: 258062

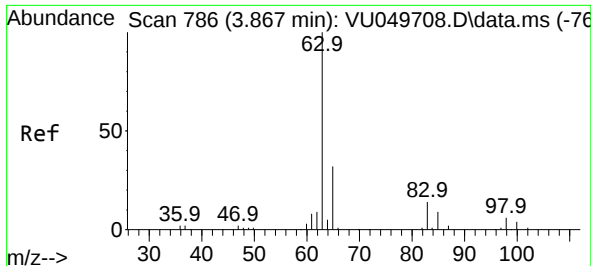
Ion Ratio Lower Upper

73 100

43 21.2 17.0 25.4

57 23.1 18.5 27.7





#19

1,1-Dichloroethane

Concen: 51.765 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

Instrument :

MSVOA_U

ClientSampleId :

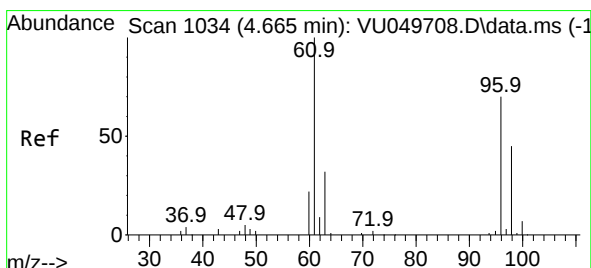
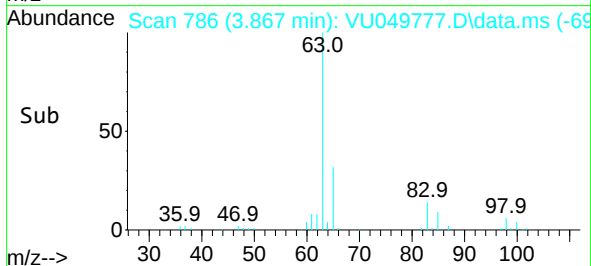
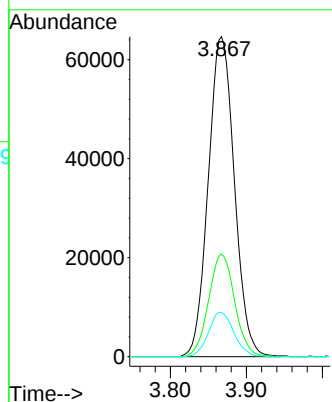
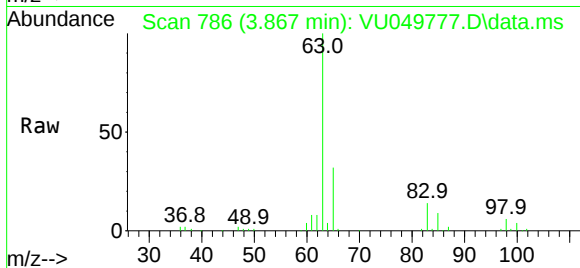
Tgt Ion: 63 Resp: 154179

Ion Ratio Lower Upper

63 100

65 32.1 22.6 42.0

83 13.8 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 50.830 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

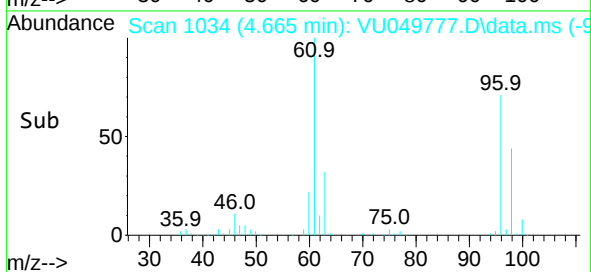
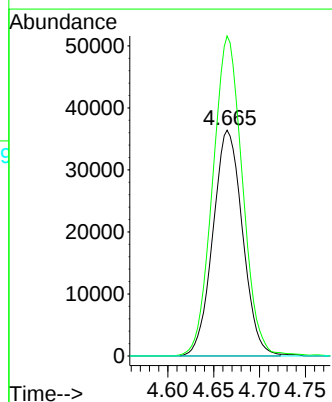
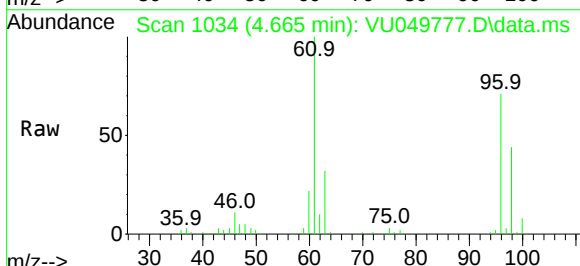
Tgt Ion: 96 Resp: 81727

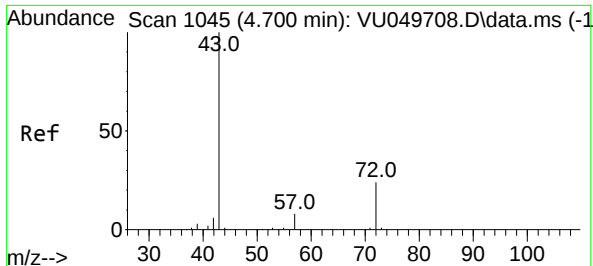
Ion Ratio Lower Upper

96 100

61 141.7 101.1 187.7

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 106.831 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

Instrument :

MSVOA_U

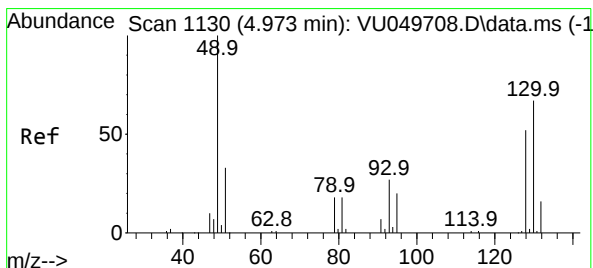
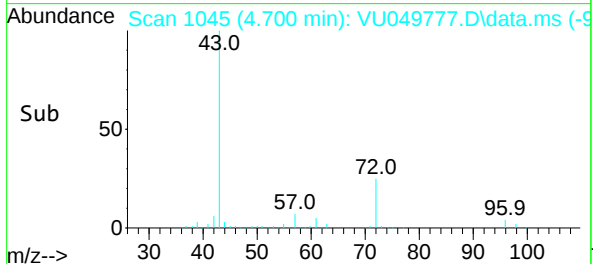
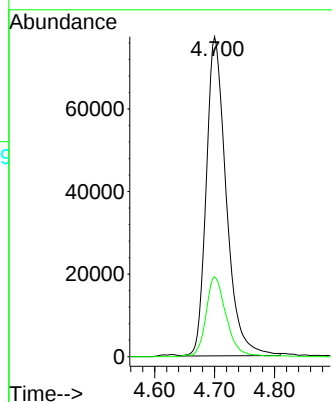
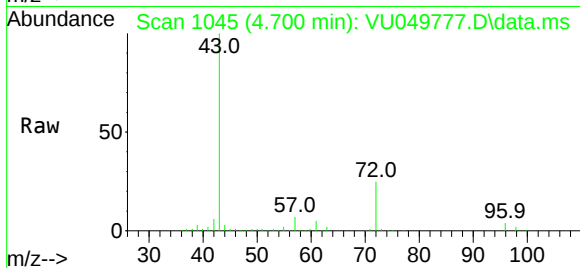
ClientSampleId :

Tgt Ion: 43 Resp: 179086

Ion Ratio Lower Upper

43 100

72 24.2 12.7 38.0



#23

Bromochloromethane

Concen: 54.994 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

Tgt Ion:128 Resp: 44120

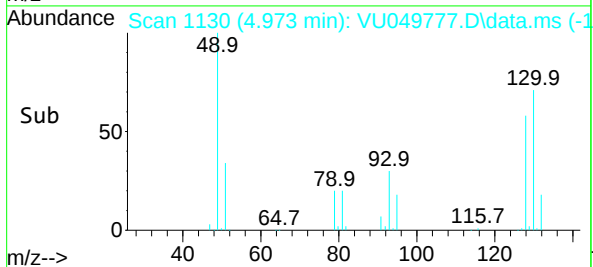
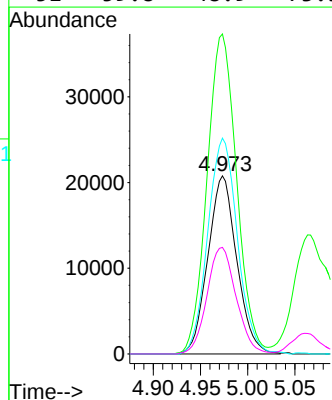
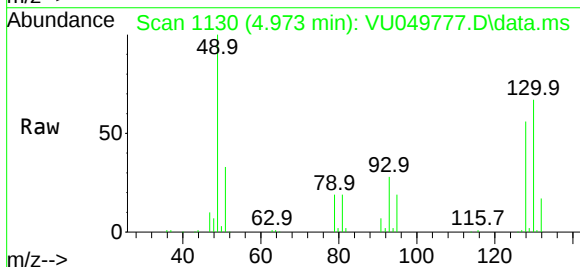
Ion Ratio Lower Upper

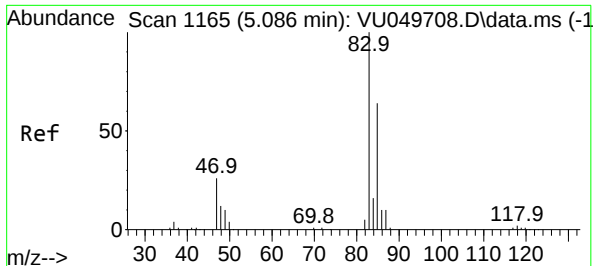
128 100

49 179.6 140.9 261.7

130 121.2 90.0 167.2

51 59.8 48.9 73.3





#25

Chloroform

Concen: 53.242 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

Instrument :

MSVOA_U

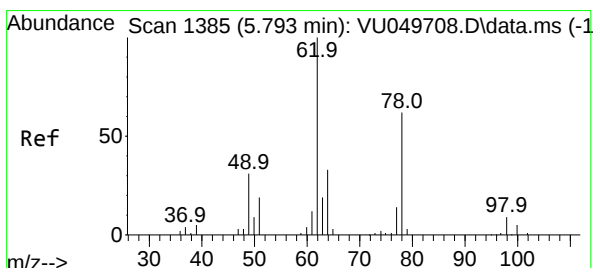
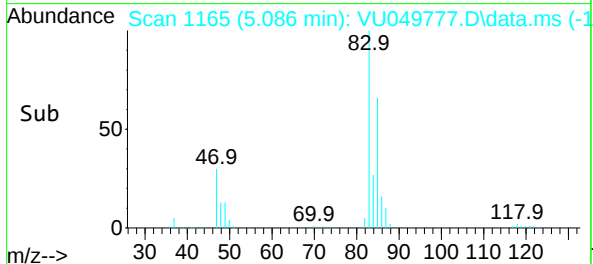
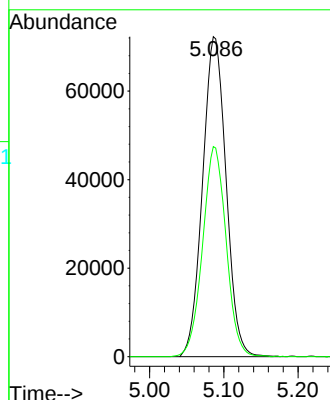
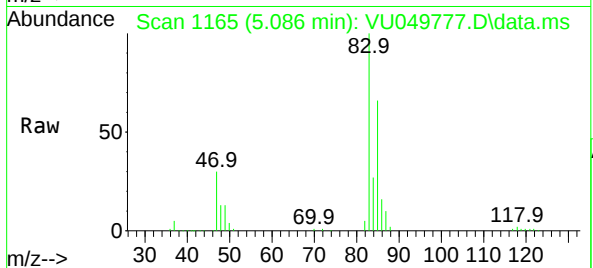
ClientSampleId :

Tgt Ion: 83 Resp: 159013

Ion Ratio Lower Upper

83 100

85 65.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 52.823 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU049777.D

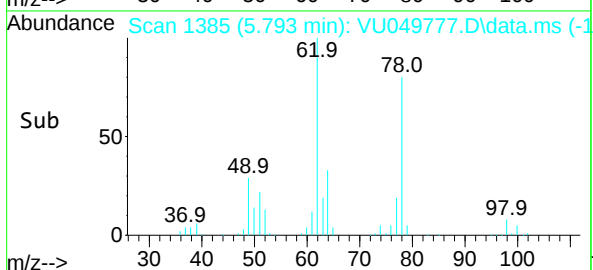
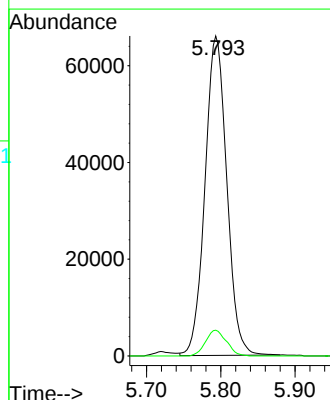
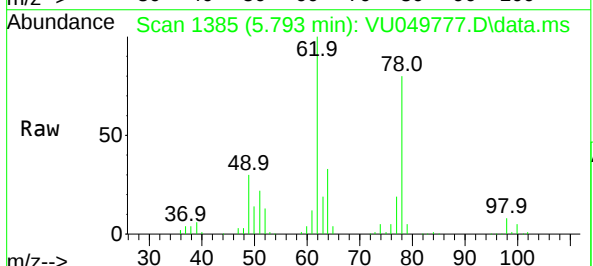
Acq: 19 Jul 2022 11:36

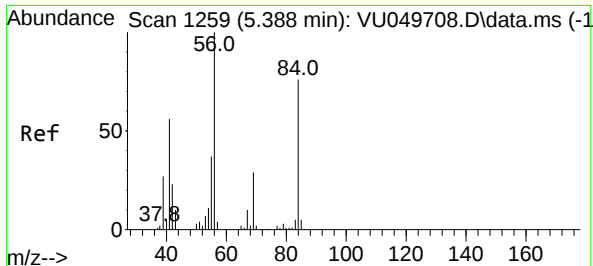
Tgt Ion: 62 Resp: 134335

Ion Ratio Lower Upper

62 100

98 8.0 6.7 10.1





#29

Cyclohexane

Concen: 41.376 ug/L

RT: 5.388 min Scan# 11

Delta R.T. -0.000 min

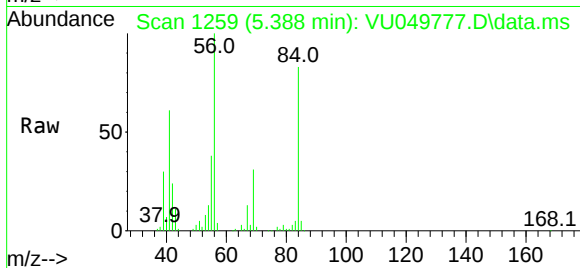
Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

Instrument :

MSVOA_U

ClientSampleId :



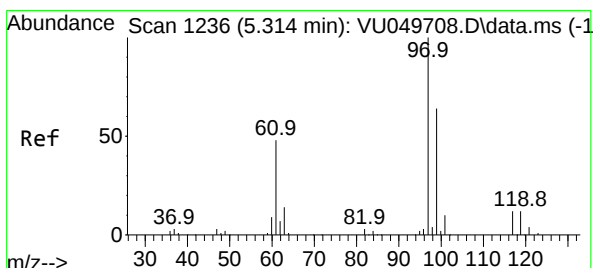
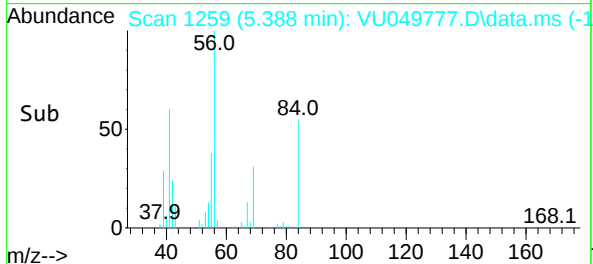
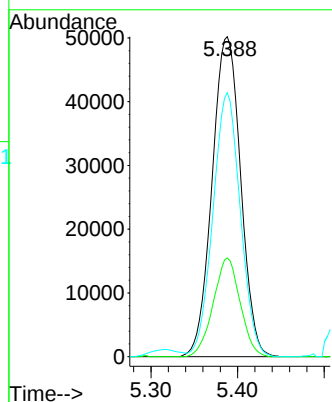
Tgt Ion: 56 Resp: 115138

Ion Ratio Lower Upper

56 100

69 29.0 23.4 35.2

84 79.1 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 49.310 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

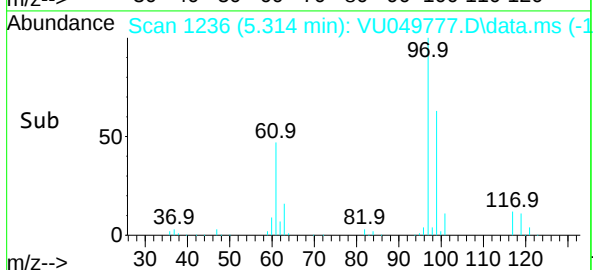
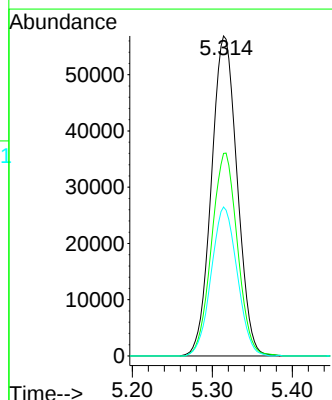
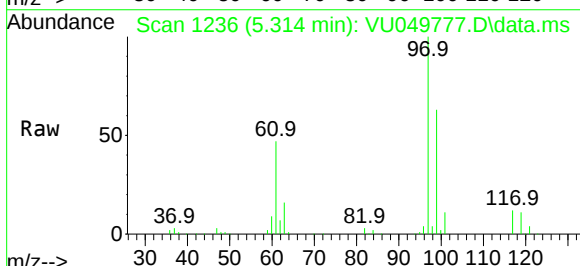
Tgt Ion: 97 Resp: 127268

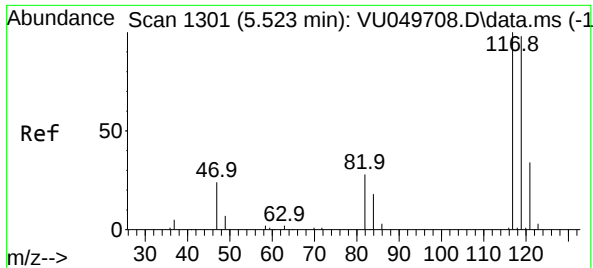
Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

61 47.0 38.2 57.2

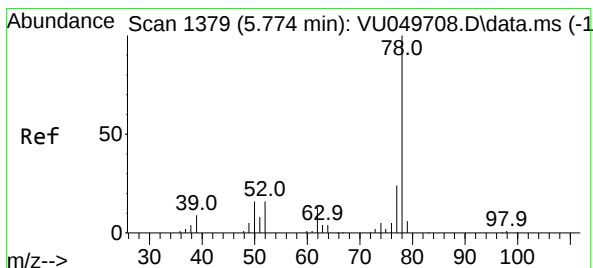
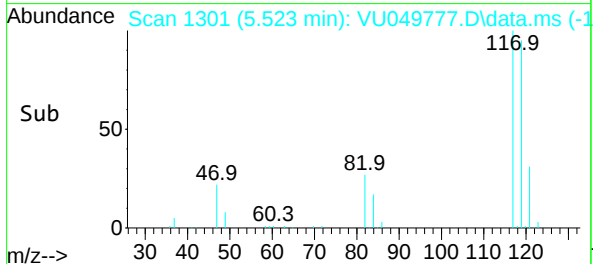
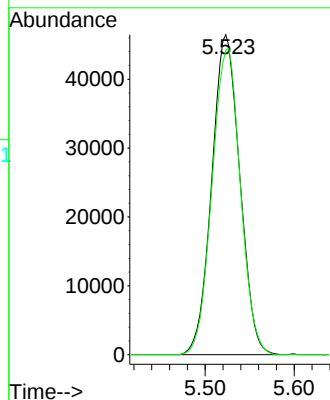
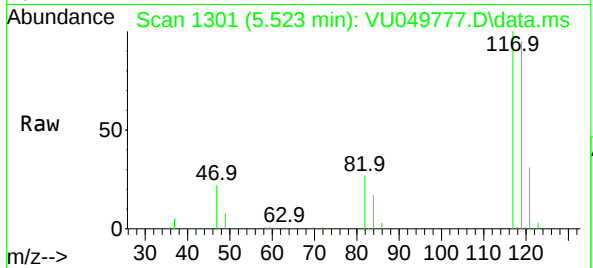




#31
Carbon tetrachloride
Concen: 48.190 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

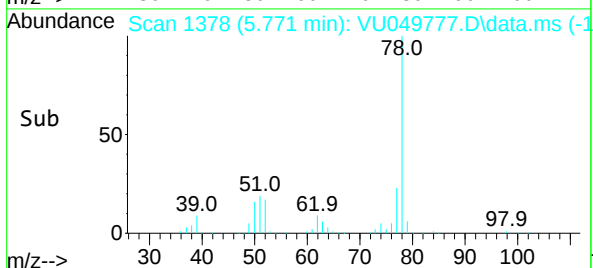
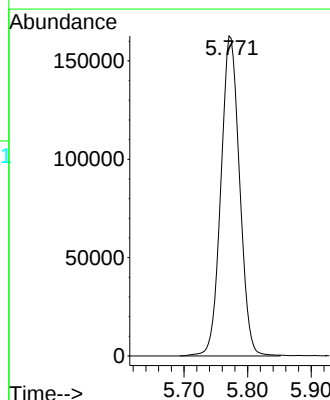
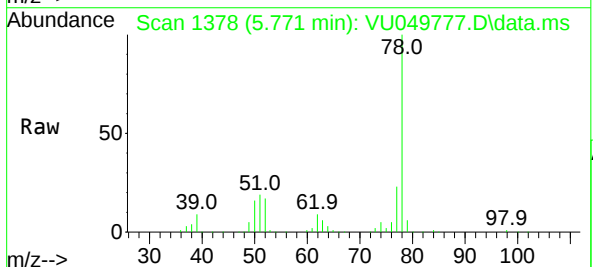
Instrument :
MSVOA_U
ClientSampleId :

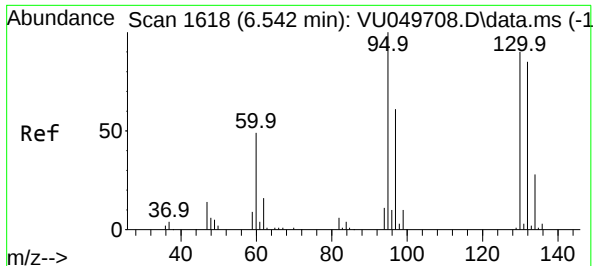
Tgt Ion:117 Resp: 101728
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8



#33
Benzene
Concen: 49.518 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

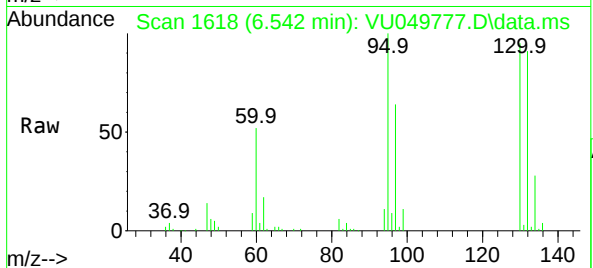
Tgt Ion: 78 Resp: 331832



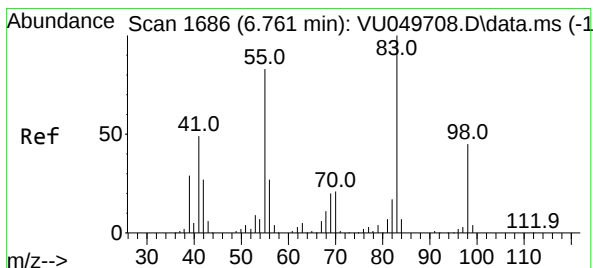
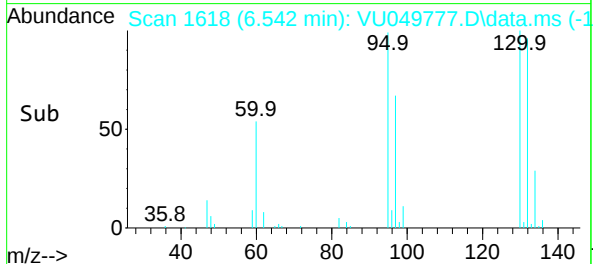
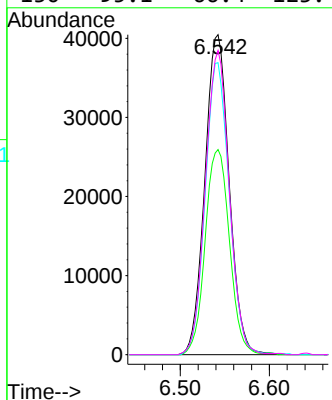


#34
Trichloroethene
Concen: 47.446 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

Instrument :
MSVOA_U
ClientSampleId :

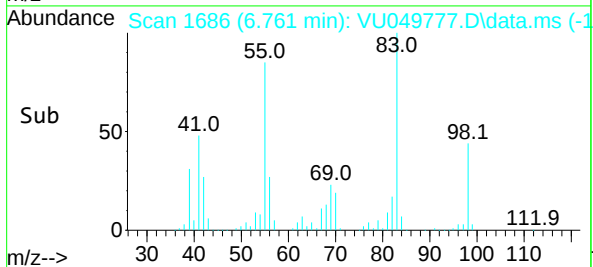
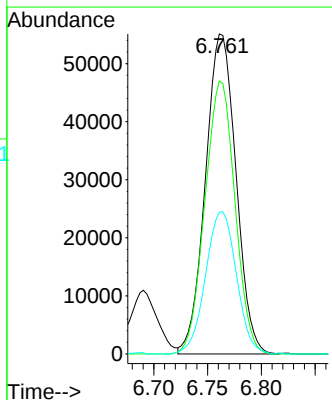
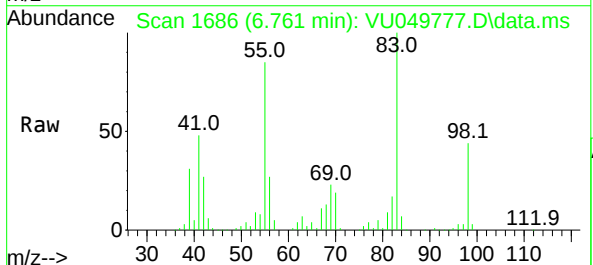


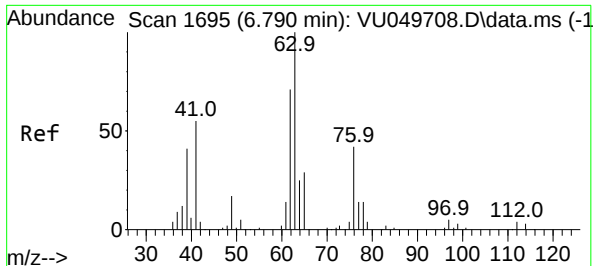
Tgt Ion:	95	Resp:	76855
Ion Ratio	100	Lower	Upper
95	100		
97	64.1	46.9	87.1
132	91.3	62.7	116.5
130	95.1	66.4	123.4



#35
Methylcyclohexane
Concen: 42.802 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

Tgt Ion:	83	Resp:	108951
Ion Ratio	100	Lower	Upper
83	100		
55	83.9	66.0	99.0
98	44.9	34.6	51.8





#37

1,2-Dichloropropane

Concen: 51.639 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

Instrument :

MSVOA_U

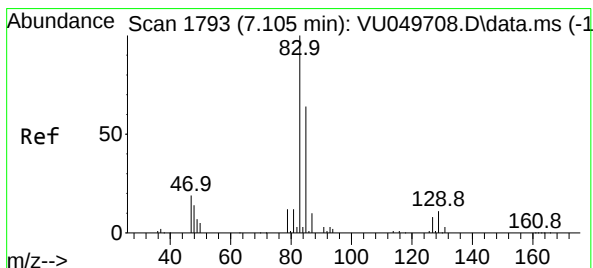
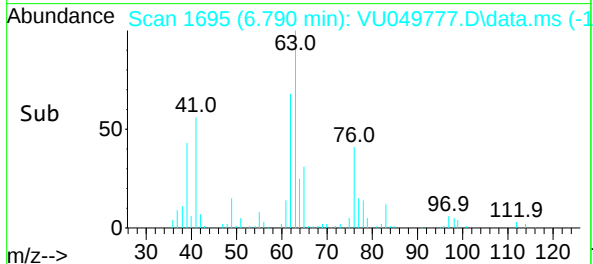
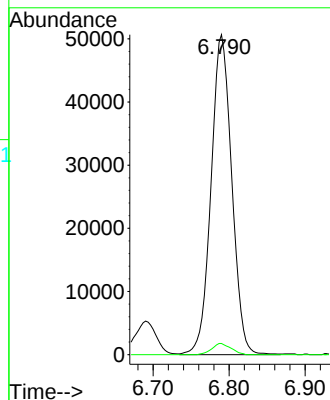
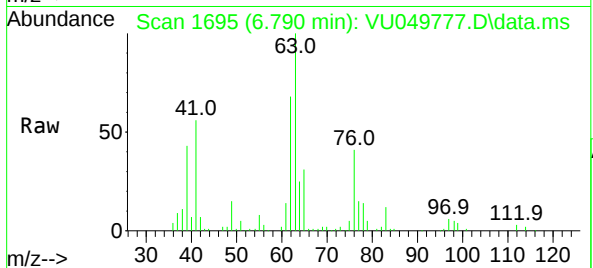
ClientSampleId :

Tgt Ion: 63 Resp: 95916

Ion Ratio Lower Upper

63 100

112 3.2 2.8 4.2



#38

Bromodichloromethane

Concen: 51.961 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

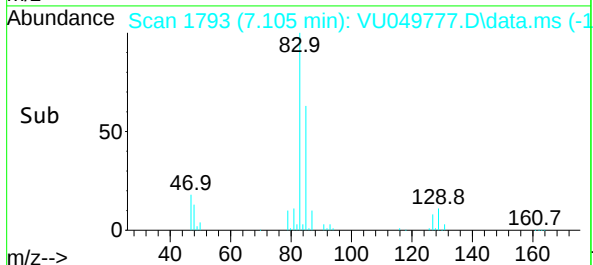
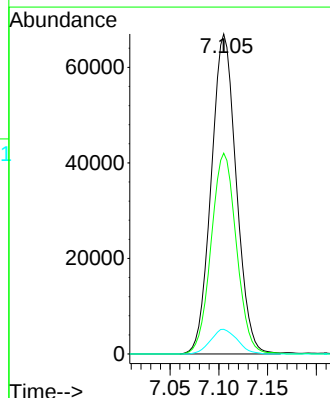
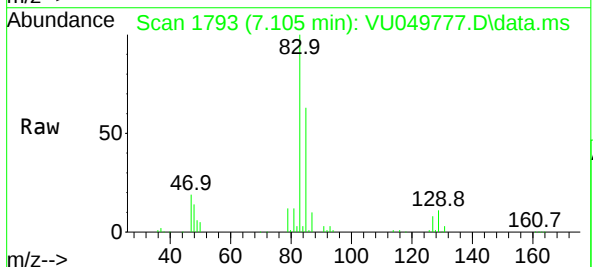
Tgt Ion: 83 Resp: 119662

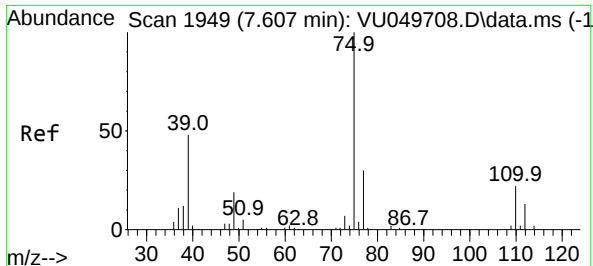
Ion Ratio Lower Upper

83 100

85 62.8 45.4 84.2

127 7.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 52.734 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

Instrument :

MSVOA_U

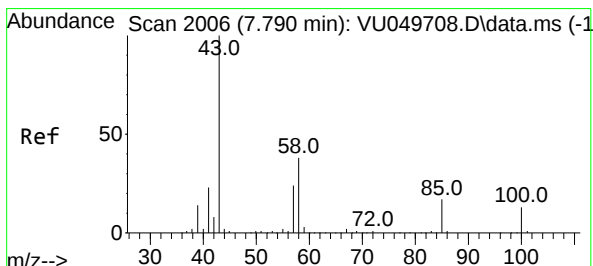
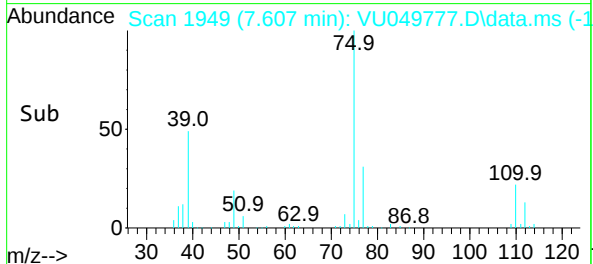
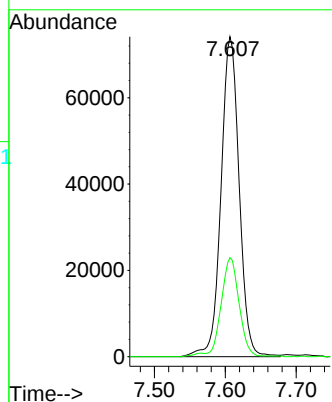
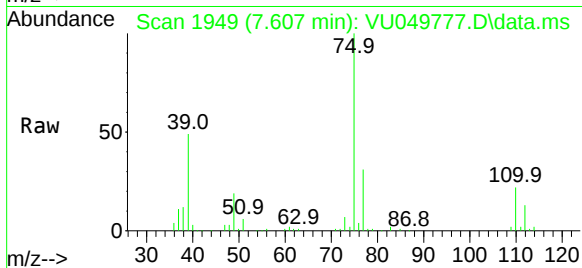
ClientSampleId :

Tgt Ion: 75 Resp: 132102

Ion Ratio Lower Upper

75 100

77 30.9 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 106.955 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

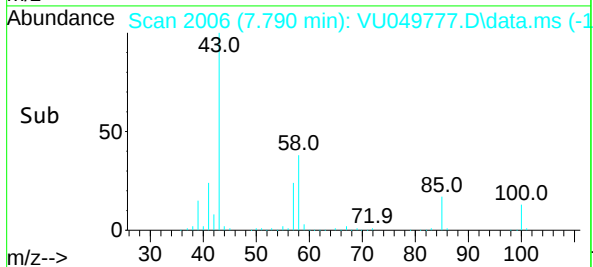
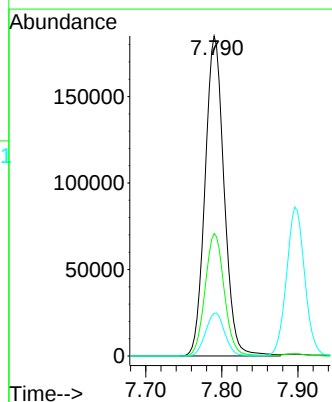
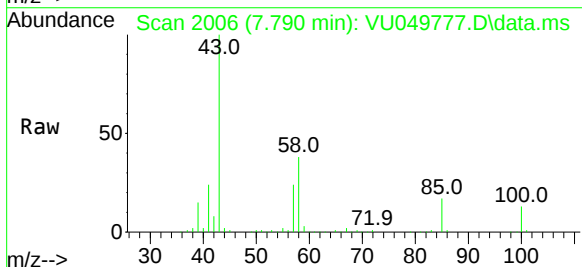
Tgt Ion: 43 Resp: 321607

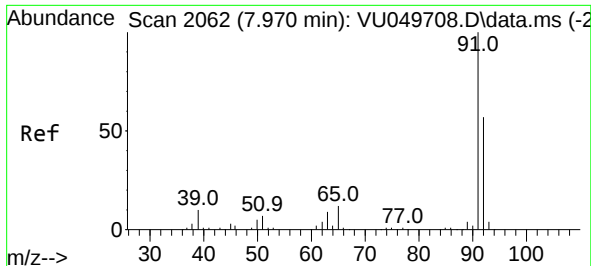
Ion Ratio Lower Upper

43 100

58 38.5 31.4 47.0

100 13.5 10.3 15.5





#42

Toluene

Concen: 50.360 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

Instrument :

MSVOA_U

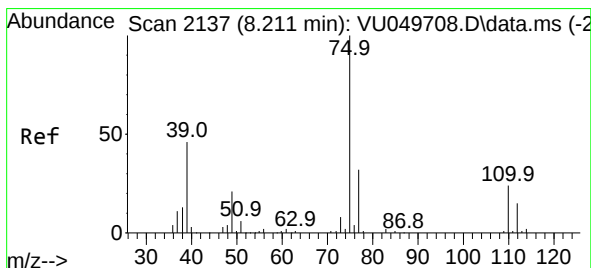
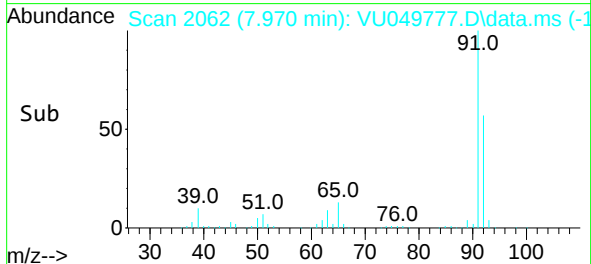
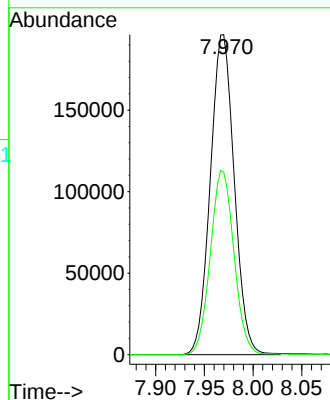
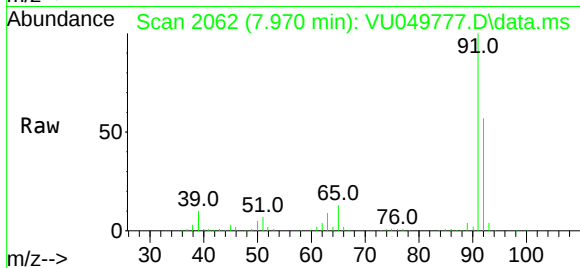
ClientSampleId :

Tgt Ion: 91 Resp: 335405

Ion Ratio Lower Upper

91 100

92 57.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 52.062 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU049777.D

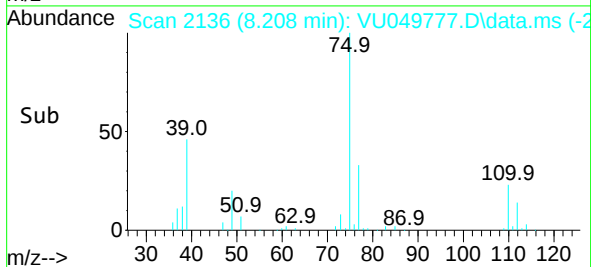
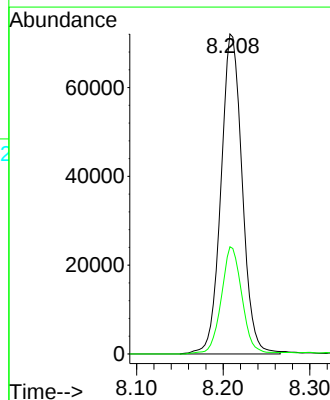
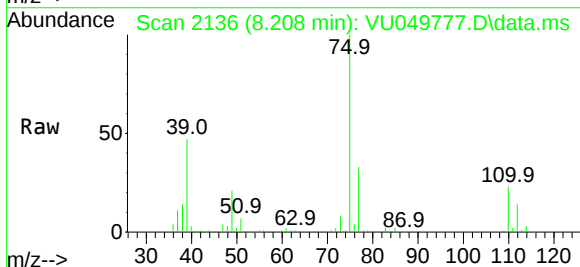
Acq: 19 Jul 2022 11:36

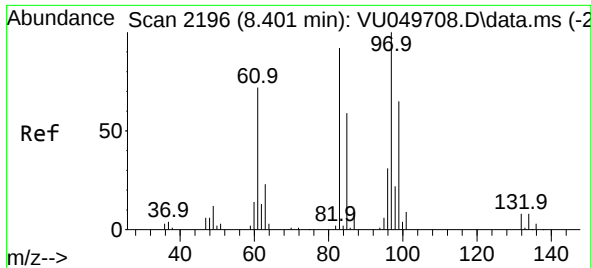
Tgt Ion: 75 Resp: 122455

Ion Ratio Lower Upper

75 100

77 33.5 22.5 41.9

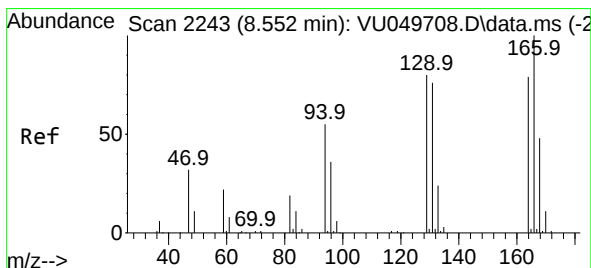
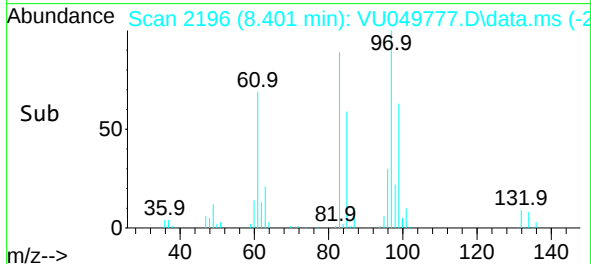
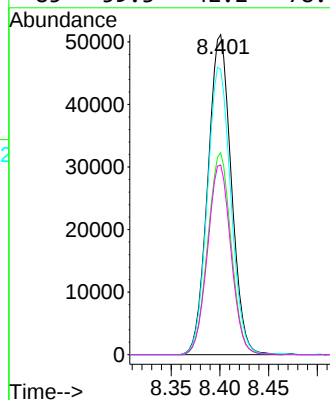
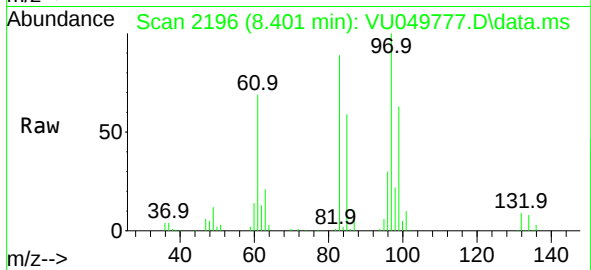




#45
1,1,2-Trichloroethane
Concen: 52.878 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

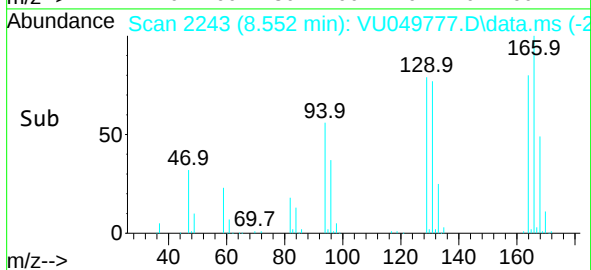
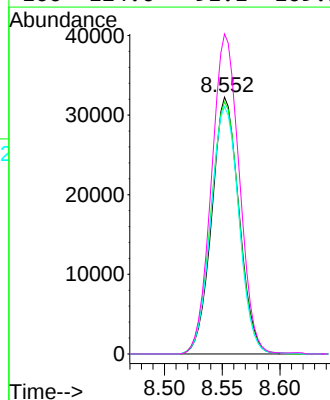
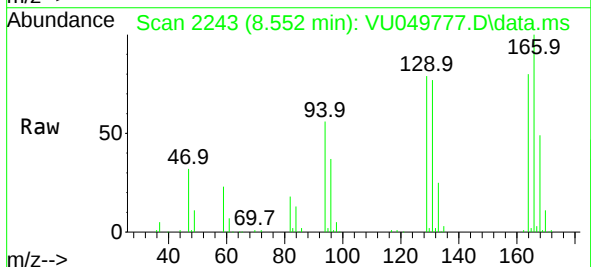
Instrument :
MSVOA_U
ClientSampleId :

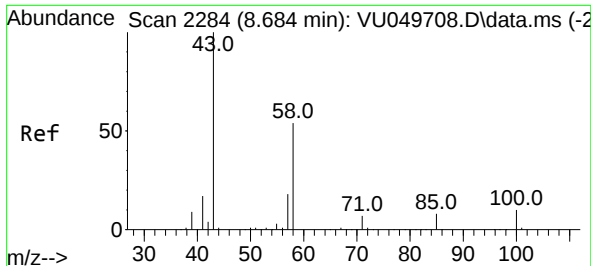
Tgt Ion:	97	Resp:	85729
Ion	Ratio	Lower	Upper
97	100		
99	63.1	44.3	82.3
83	89.2	64.0	118.8
85	59.3	42.2	78.4



#46
Tetrachloroethene
Concen: 47.203 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

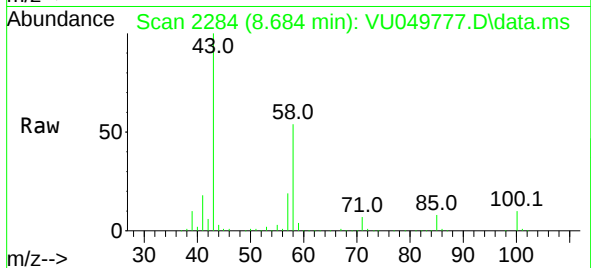
Tgt Ion:	164	Resp:	53032
Ion	Ratio	Lower	Upper
164	100		
129	98.2	72.0	133.8
131	96.3	69.0	128.1
166	124.6	91.1	169.3



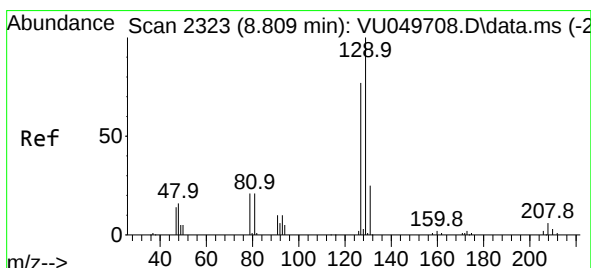
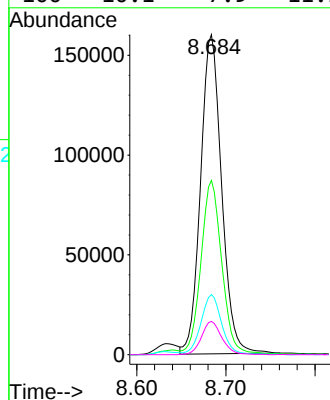
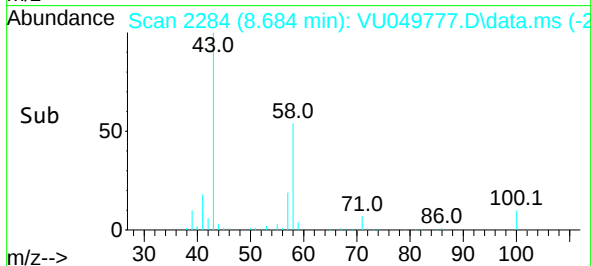


#48
2-Hexanone
Concen: 109.187 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

Instrument :
MSVOA_U
ClientSampleId :

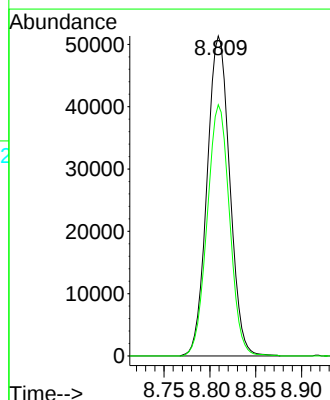
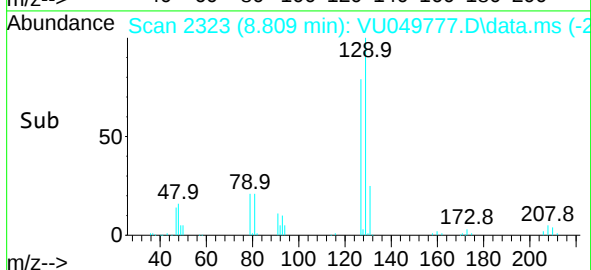
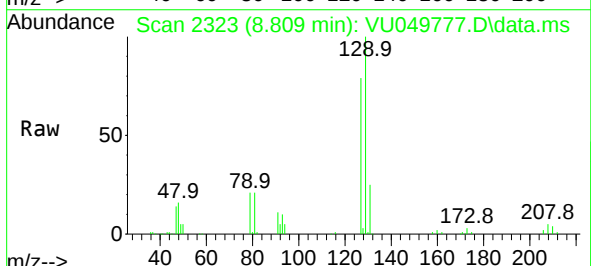


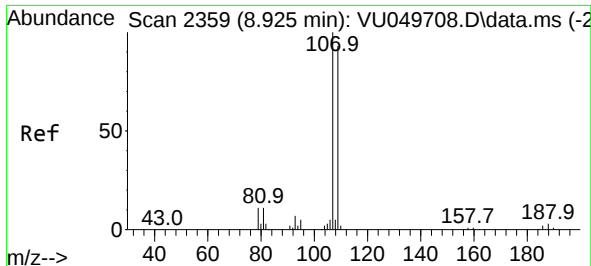
Tgt Ion: 43	Resp: 262366
Ion Ratio	Lower Upper
43 100	
58 53.3	42.6 64.0
57 18.3	15.0 22.6
100 10.1	7.9 11.9



#49
Dibromochloromethane
Concen: 54.198 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

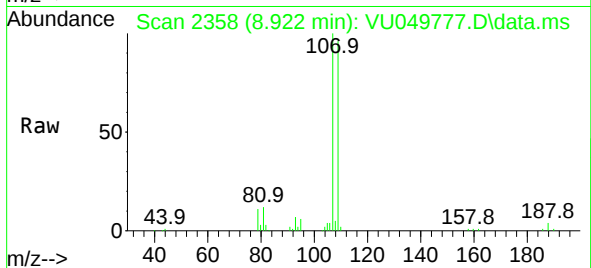
Tgt Ion:129	Resp: 88378		
Ion Ratio	Lower	Upper	
129 100			
127 78.5	56.9	105.7	



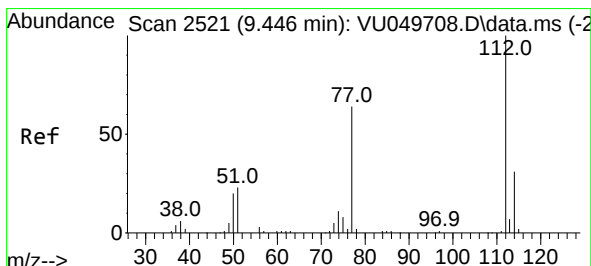
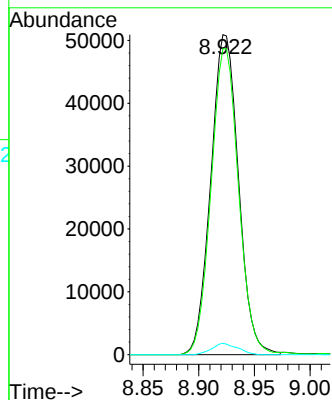
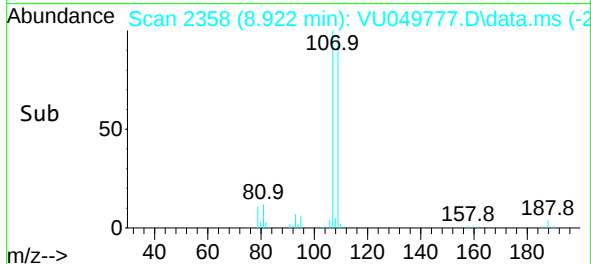


#50
1,2-Dibromoethane
Concen: 54.773 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

Instrument :
MSVOA_U
ClientSampleId :

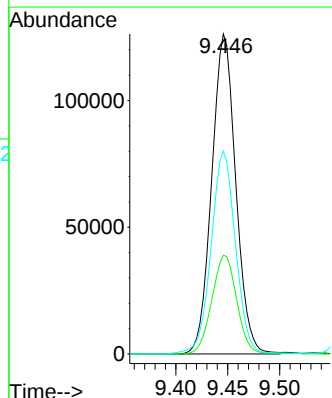
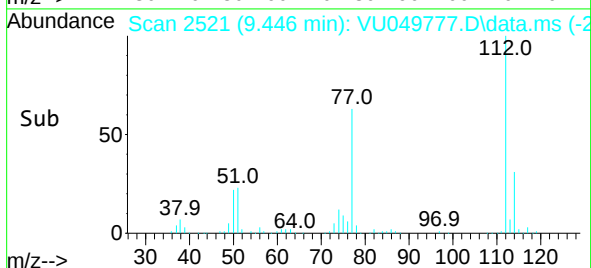
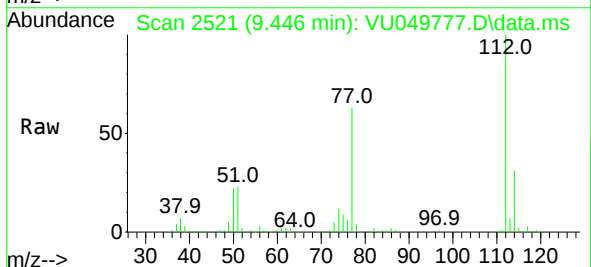


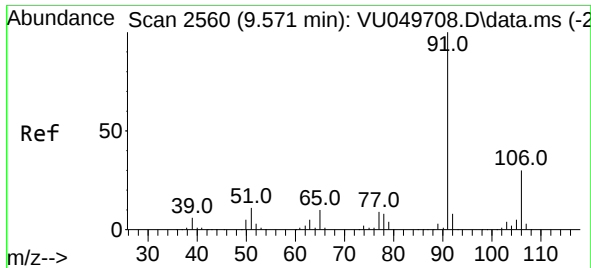
Tgt Ion:107 Resp: 88212
Ion Ratio Lower Upper
107 100
109 95.6 65.7 121.9
188 3.6 2.7 4.1



#51
Chlorobenzene
Concen: 50.351 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

Tgt Ion:112 Resp: 203080
Ion Ratio Lower Upper
112 100
114 30.9 22.1 41.1
77 63.3 51.2 76.8

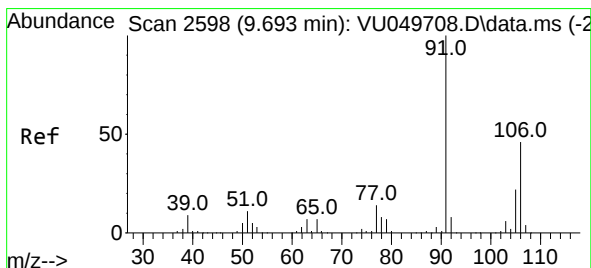
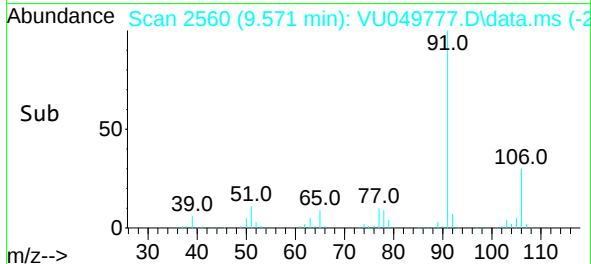
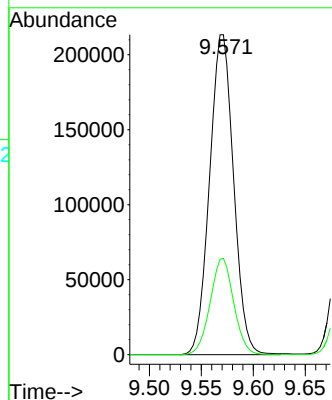
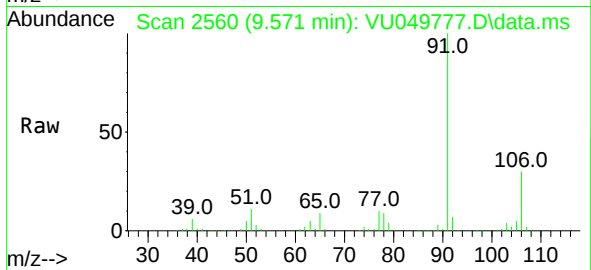




#52
Ethylbenzene
Concen: 48.752 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

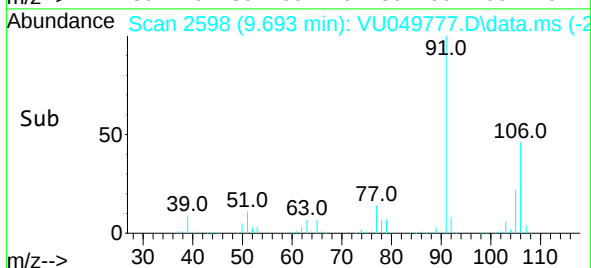
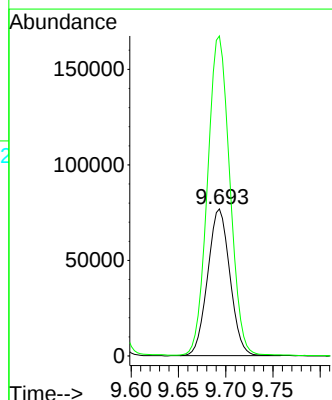
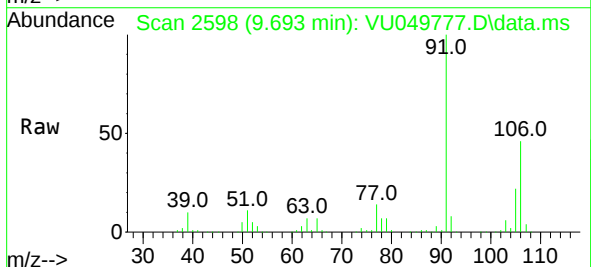
Instrument :
MSVOA_U
ClientSampleId :

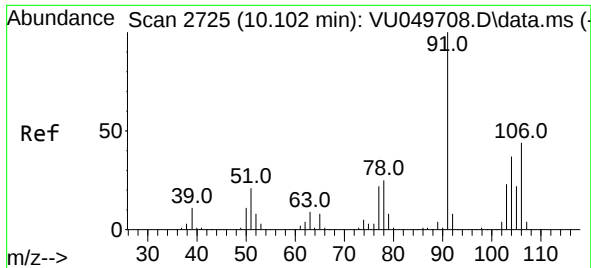
Tgt Ion: 91 Resp: 342640
Ion Ratio Lower Upper
91 100
106 30.1 21.0 39.0



#53
m,p-Xylene
Concen: 49.244 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

Tgt Ion:106 Resp: 125848
Ion Ratio Lower Upper
106 100
91 217.7 151.7 281.7

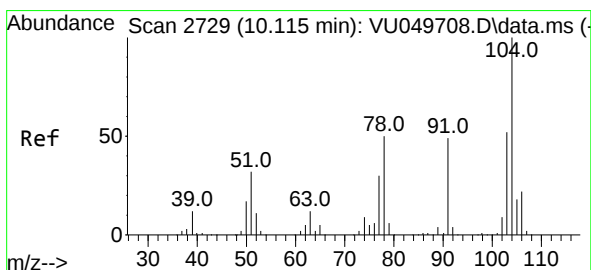
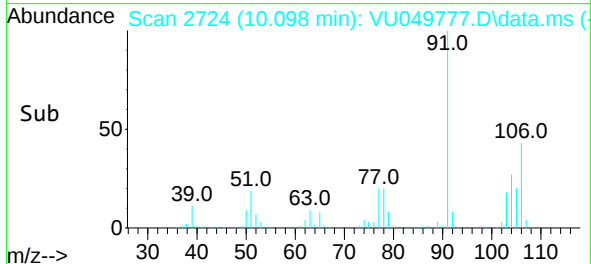
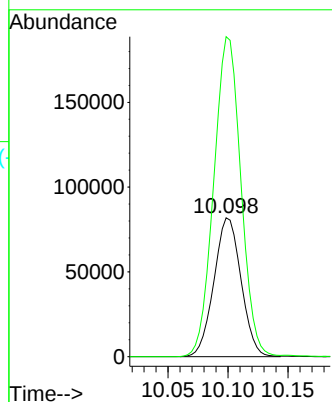
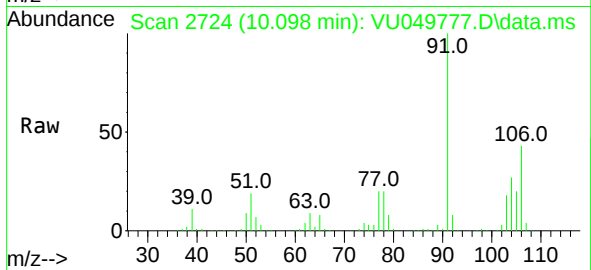




#54
o-Xylene
Concen: 50.047 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

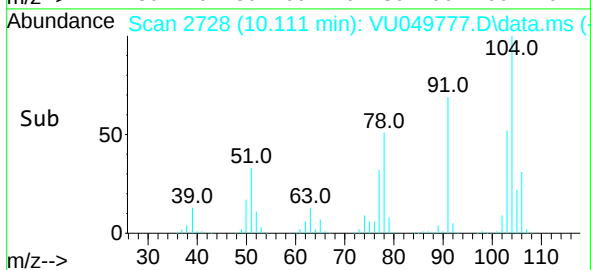
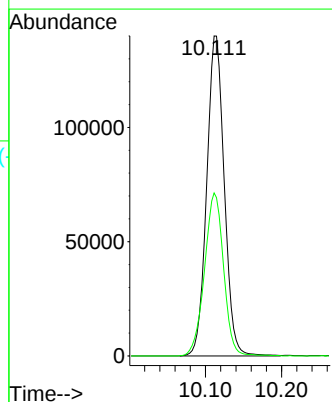
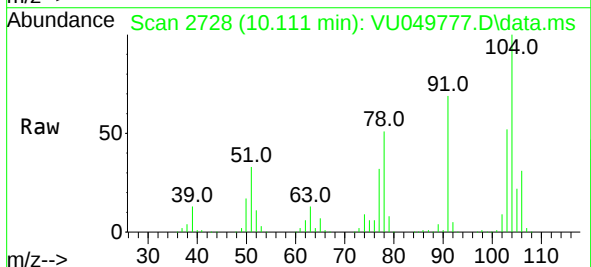
Instrument :
MSVOA_U
ClientSampleId :

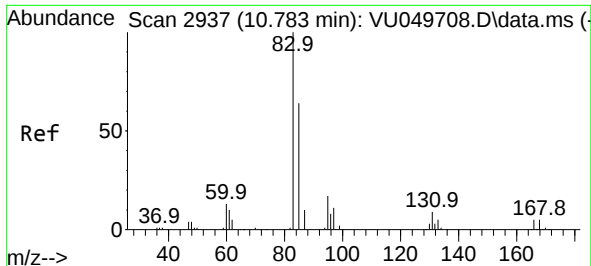
Tgt Ion:106 Resp: 128784
Ion Ratio Lower Upper
106 100
91 230.3 156.9 291.5



#55
Styrene
Concen: 52.922 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

Tgt Ion:104 Resp: 224742
Ion Ratio Lower Upper
104 100
78 50.9 36.1 67.1

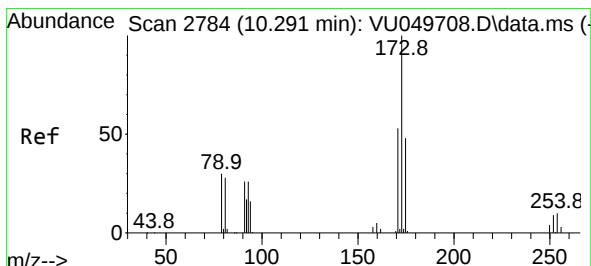
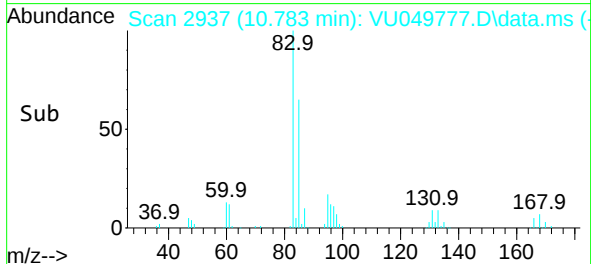
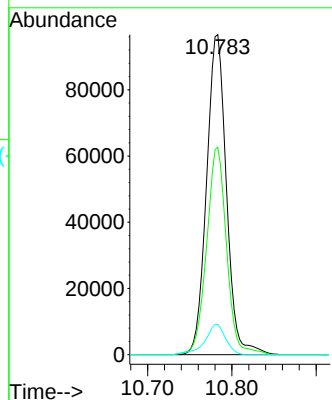
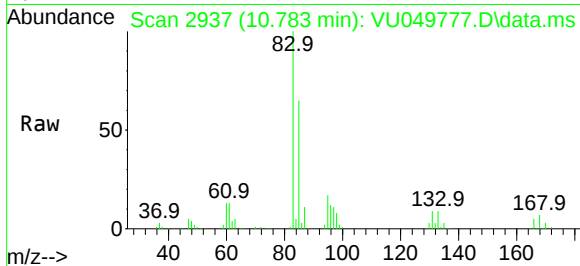




#57
1,1,2,2-Tetrachloroethane
Concen: 54.610 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

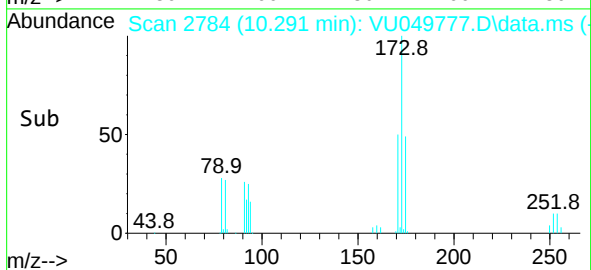
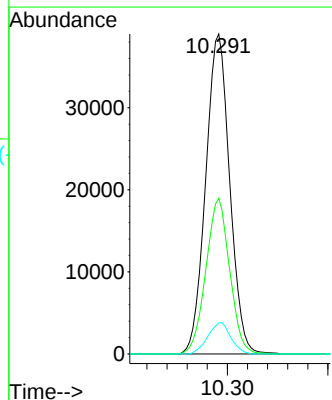
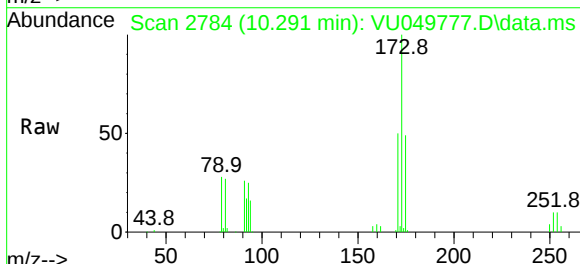
Instrument :
MSVOA_U
ClientSampleId :

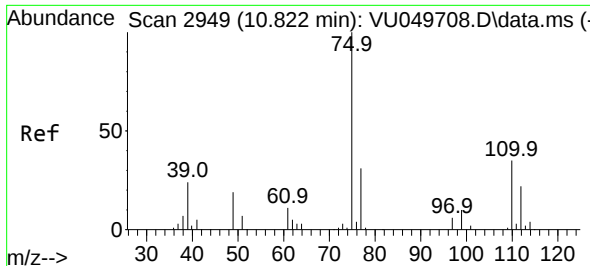
Tgt Ion: 83 Resp: 158485
Ion Ratio Lower Upper
83 100
85 64.8 45.0 83.6
131 9.4 7.0 10.6



#59
Bromoform
Concen: 54.066 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.003 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

Tgt Ion:173 Resp: 64664
Ion Ratio Lower Upper
173 100
175 48.1 38.6 58.0
254 9.3 7.4 11.0

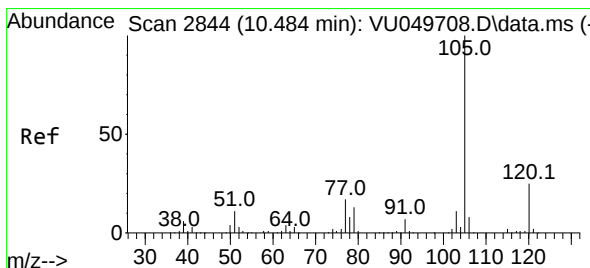
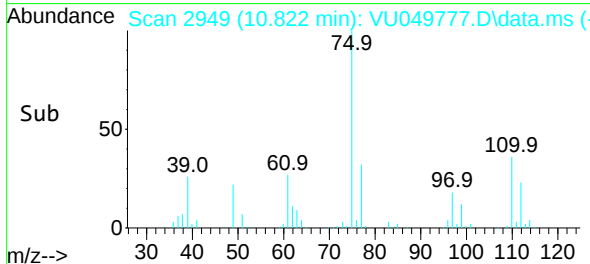
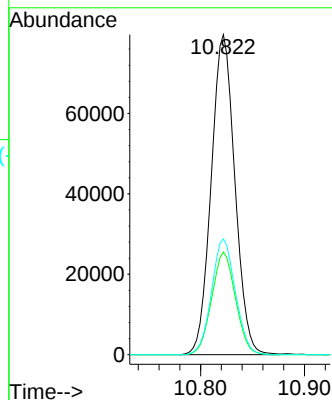
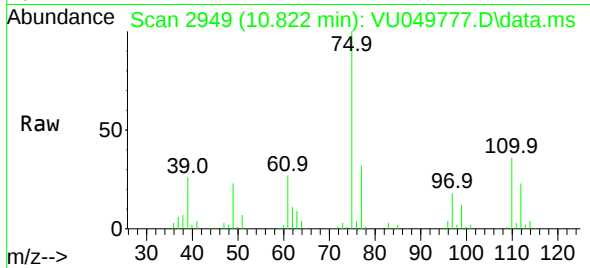




#60
1,2,3-Trichloropropane
Concen: 53.035 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

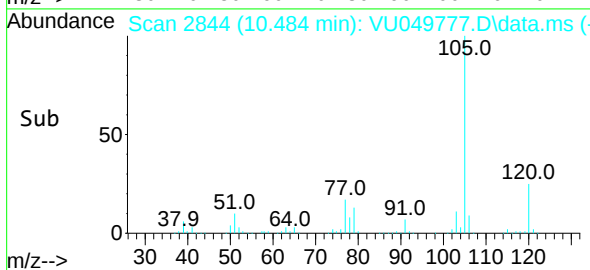
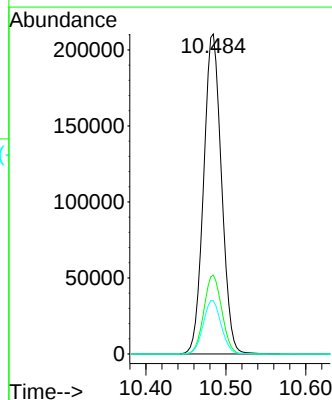
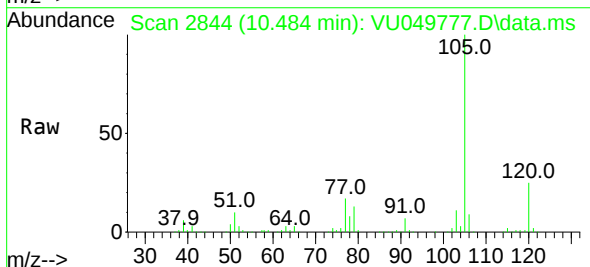
Instrument :
MSVOA_U
ClientSampleId :

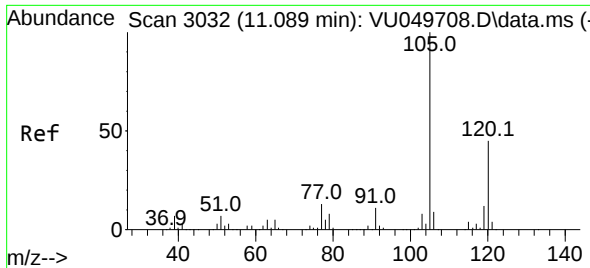
Tgt Ion: 75 Resp: 125968
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
110 36.3 28.9 43.3



#61
Isopropylbenzene
Concen: 49.145 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

Tgt Ion: 105 Resp: 327234
Ion Ratio Lower Upper
105 100
120 24.8 19.9 29.9
77 16.9 13.8 20.8

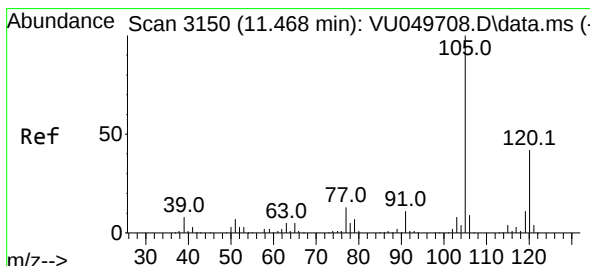
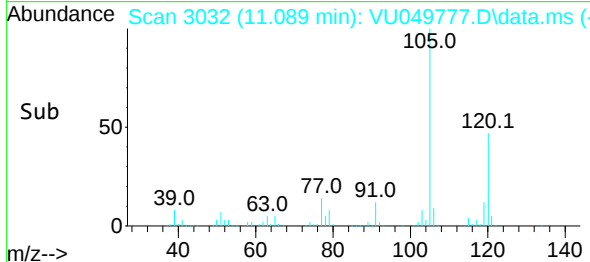
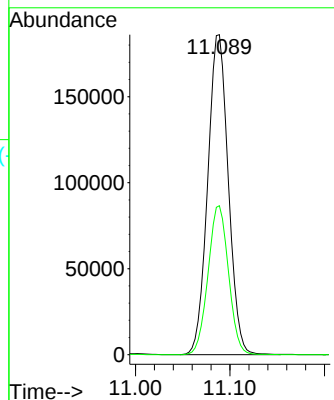
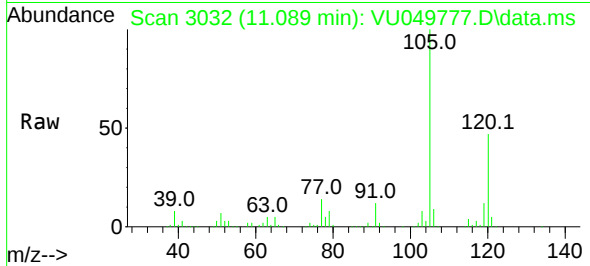




#62
 1,3,5-Trimethylbenzene
 Concen: 50.166 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU049777.D
 Acq: 19 Jul 2022 11:36

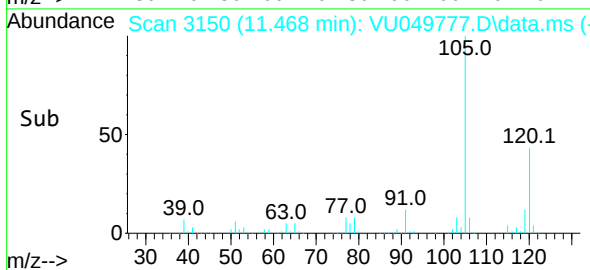
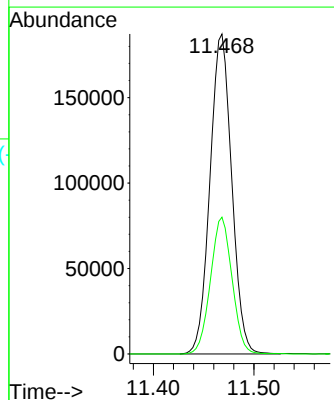
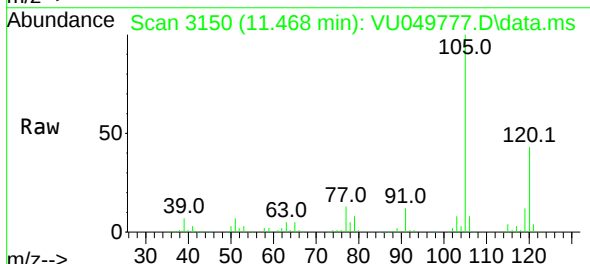
Instrument :
 MSVOA_U
 ClientSampleId :

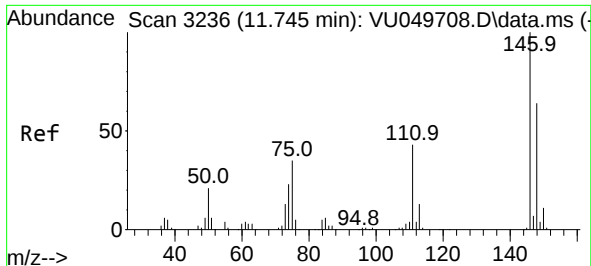
Tgt Ion:105 Resp: 281755
 Ion Ratio Lower Upper
 105 100
 120 46.2 36.8 55.2



#63
 1,2,4-Trimethylbenzene
 Concen: 50.379 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU049777.D
 Acq: 19 Jul 2022 11:36

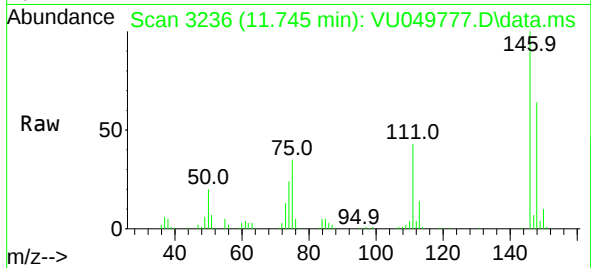
Tgt Ion:105 Resp: 281097
 Ion Ratio Lower Upper
 105 100
 120 42.4 33.9 50.9



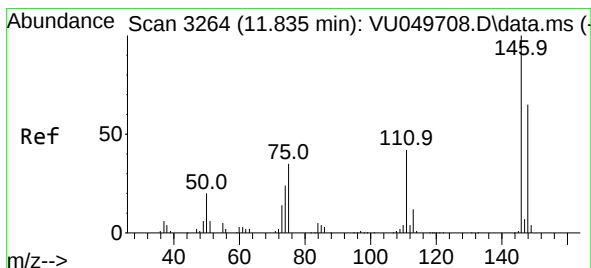
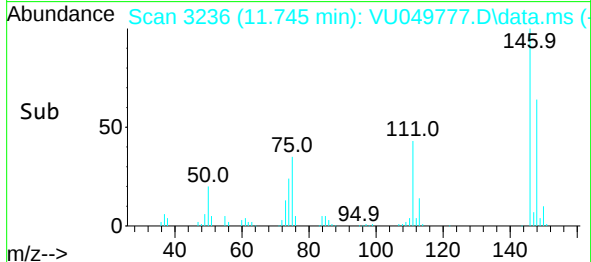
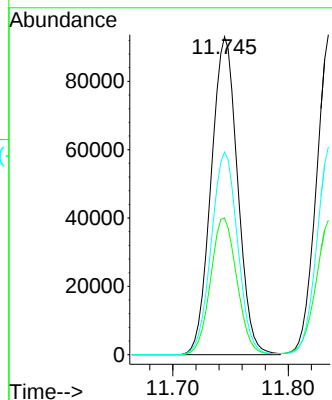


#64
 1,3-Dichlorobenzene
 Concen: 50.985 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU049777.D
 Acq: 19 Jul 2022 11:36

Instrument :
 MSVOA_U
 ClientSampleId :

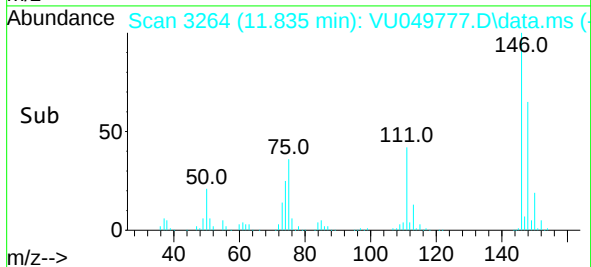
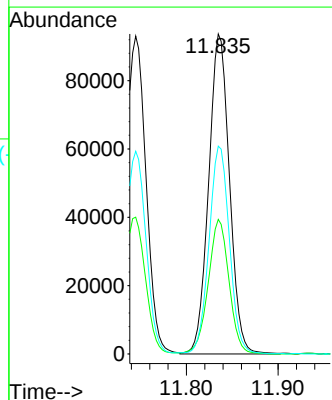
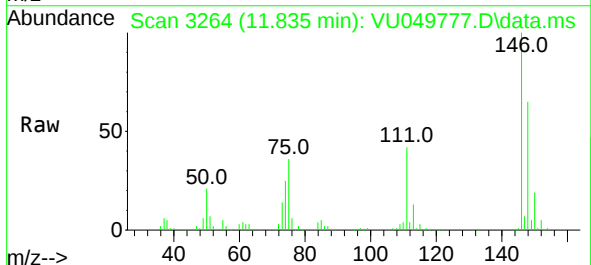


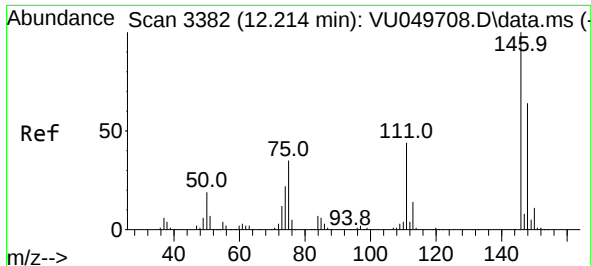
Tgt Ion:146 Resp: 148195
 Ion Ratio Lower Upper
 146 100
 111 43.0 30.0 55.6
 148 63.8 45.1 83.9



#65
 1,4-Dichlorobenzene
 Concen: 50.614 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU049777.D
 Acq: 19 Jul 2022 11:36

Tgt Ion:146 Resp: 147782
 Ion Ratio Lower Upper
 146 100
 111 42.1 29.1 54.1
 148 65.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 52.301 ug/L

RT: 12.211 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

Instrument :

MSVOA_U

ClientSampleId :

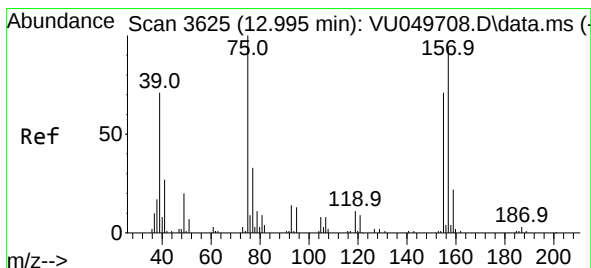
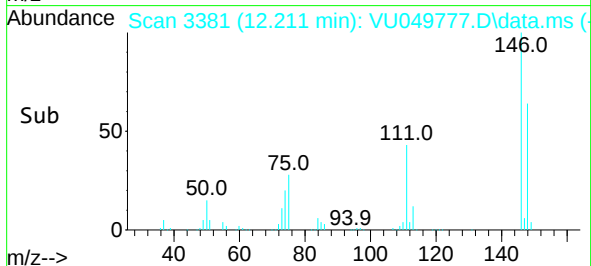
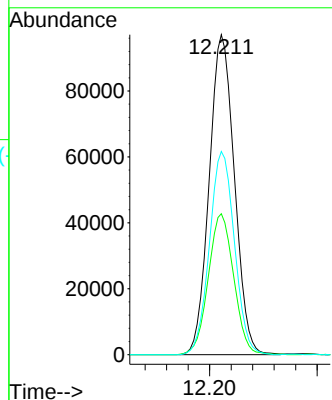
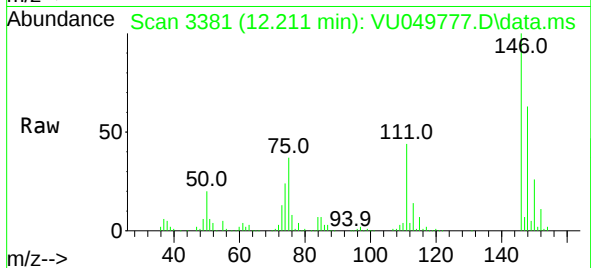
Tgt Ion:146 Resp: 158077

Ion Ratio Lower Upper

146 100

111 44.1 35.8 53.8

148 63.5 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 55.535 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

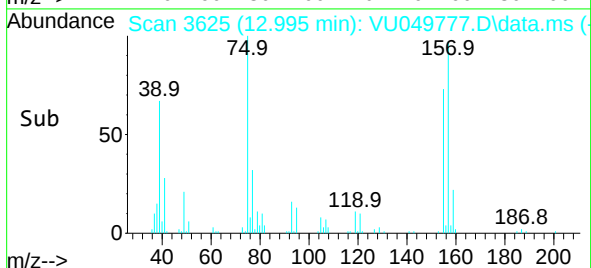
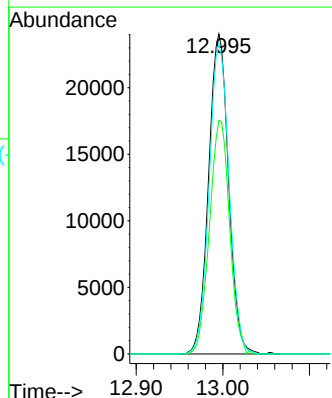
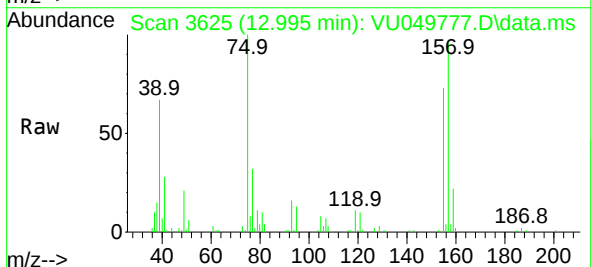
Tgt Ion: 75 Resp: 38651

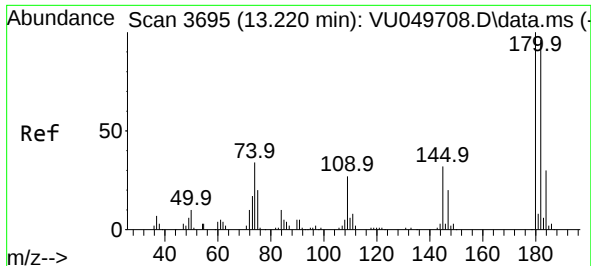
Ion Ratio Lower Upper

75 100

155 73.0 57.7 86.5

157 96.8 75.6 113.4





#69

1,3,5-Trichlorobenzene

Concen: 50.389 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.000 min

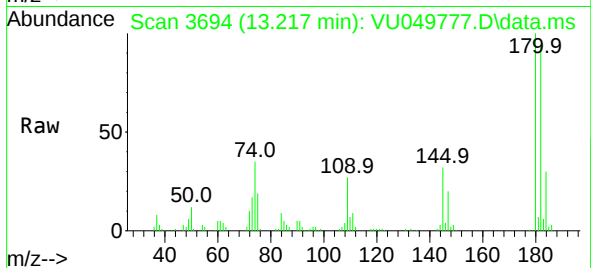
Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 102630

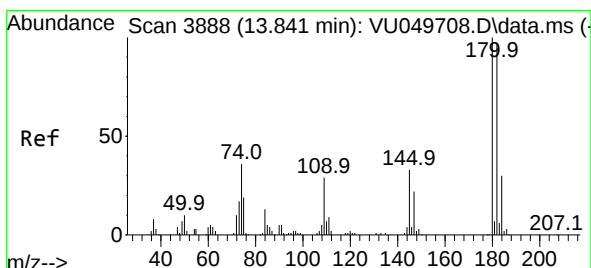
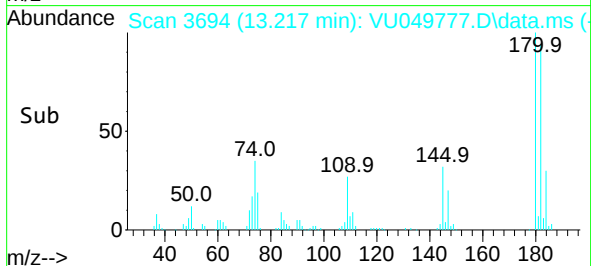
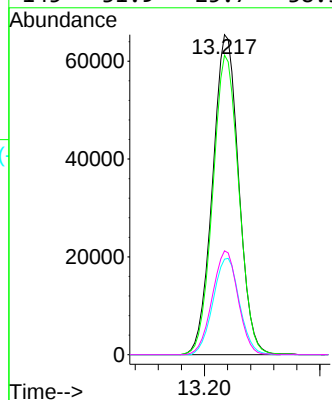
Ion Ratio Lower Upper

180 100

182 93.5 76.0 114.0

184 30.4 24.0 36.0

145 31.9 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 47.939 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU049777.D

Acq: 19 Jul 2022 11:36

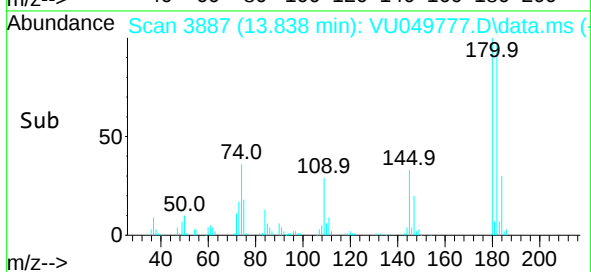
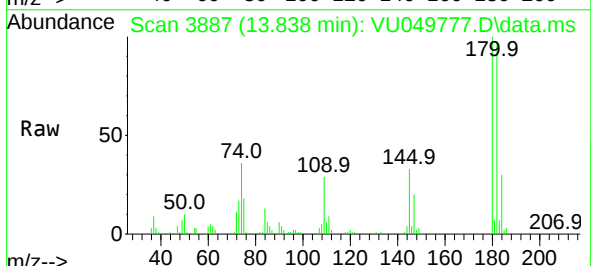
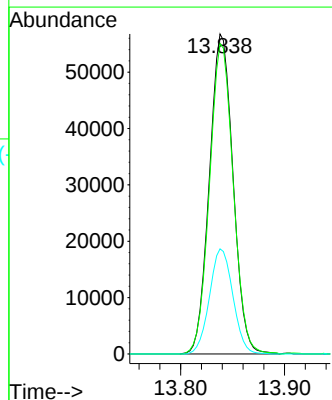
Tgt Ion:180 Resp: 89603

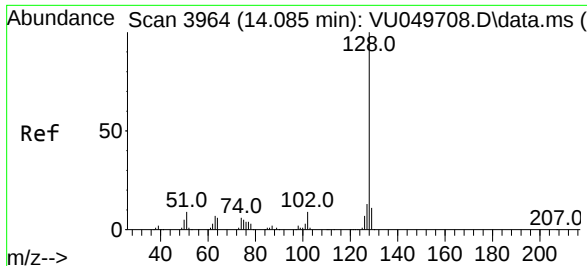
Ion Ratio Lower Upper

180 100

182 97.3 74.8 112.2

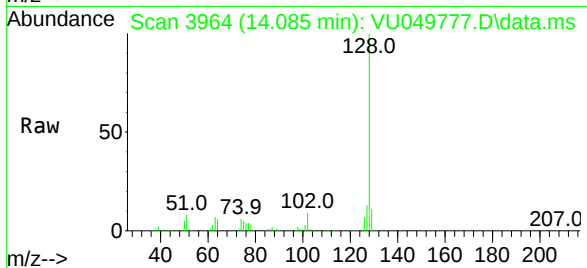
145 32.5 24.7 37.1



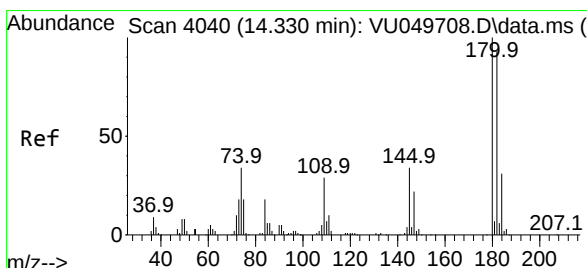
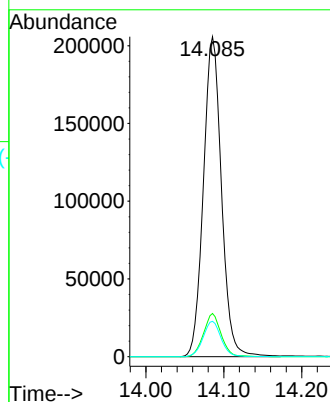
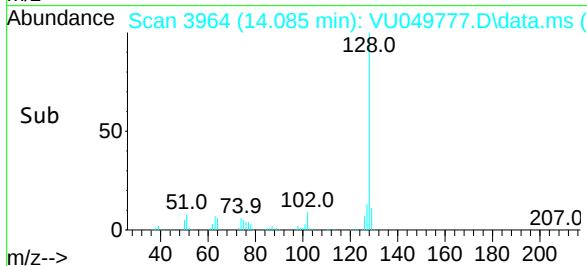


#71
Naphthalene
Concen: 49.669 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36

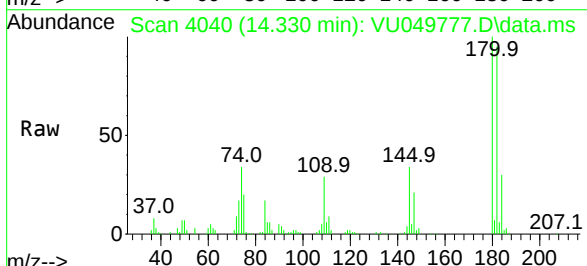
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 331877
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 51.432 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU049777.D
Acq: 19 Jul 2022 11:36



Tgt Ion:180 Resp: 99578
Ion Ratio Lower Upper
180 100
182 94.8 76.6 115.0
145 33.9 27.1 40.7

