

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071822\
 Data File : U049775.D
 Acq On : 18 Jul 2022 21:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050168

Quant Time: Jul 19 02:14:44 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	189360	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	179464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89570	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77804	48.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.400%
7) Chloroethane-d5	1.900	69	58276	50.460	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.920%
11) 1,1-Dichloroethene-d2	2.562	63	131710	46.670	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.340%
21) 2-Butanone-d5	4.620	46	147603	108.220	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.220%
24) Chloroform-d	5.064	84	143474	50.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.700	65	98074	51.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.420%
32) Benzene-d6	5.726	84	265476	48.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.380%
36) 1,2-Dichloropropane-d6	6.691	67	90852	49.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.080%
41) Toluene-d8	7.896	98	228745	48.178	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.360%
43) trans-1,3-Dichloroprop...	8.179	79	36965	47.842	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.680%
47) 2-Hexanone-d5	8.633	63	81475	98.768	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.770%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	133359	51.973	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.940%
66) 1,2-Dichlorobenzene-d4	12.192	152	81894	48.493	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	100949	44.474	ug/L	99
3) Chloromethane	1.520	50	122827	49.305	ug/L	99
5) Vinyl chloride	1.601	62	100040	44.440	ug/L	99
6) Bromomethane	1.839	94	53734	51.663	ug/L	99
8) Chloroethane	1.922	64	58203	46.674	ug/L	98
9) Trichlorofluoromethane	2.131	101	128820	46.338	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	63744	43.697	ug/L	99
12) 1,1-Dichloroethene	2.575	96	62621	46.253	ug/L	94
13) Acetone	2.623	43	112165	86.534	ug/L	99
14) Carbon disulfide	2.787	76	178082	39.006	ug/L	99
15) Methyl Acetate	2.945	43	121027	57.472	ug/L	99
16) Methylene chloride	3.041	84	88997	52.201	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	69617	47.005	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	268312	52.891	ug/L	100
19) 1,1-Dichloroethane	3.867	63	156908	50.888	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	85052	51.097	ug/L	95
22) 2-Butanone	4.700	43	185251	106.747	ug/L	98
23) Bromochloromethane	4.974	128	43197	52.011	ug/L	97
25) Chloroform	5.086	83	163719	52.951	ug/L	99

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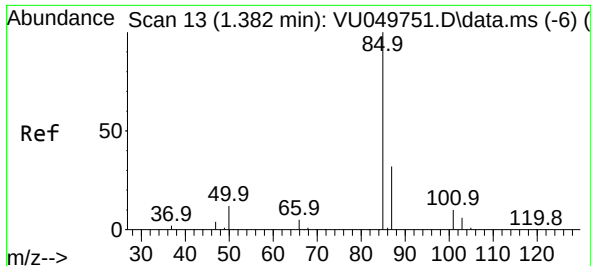
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	137416	52.195	ug/L	99
29) Cyclohexane	5.385	56	120102	42.875	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	131315	50.542	ug/L	99
31) Carbon tetrachloride	5.523	117	104426	49.142	ug/L	100
33) Benzene	5.771	78	341500	50.624	ug/L	100
34) Trichloroethene	6.539	95	78566	48.182	ug/L	97
35) Methylcyclohexane	6.761	83	110622	43.172	ug/L	99
37) 1,2-Dichloropropane	6.790	63	96920	51.835	ug/L	100
38) Bromodichloromethane	7.105	83	117246	50.576	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	125890	49.923	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	342552	113.169	ug/L	99
42) Toluene	7.967	91	339294	50.608	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	120354	50.831	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	88314	54.113	ug/L	98
46) Tetrachloroethene	8.552	164	52721	46.617	ug/L	98
48) 2-Hexanone	8.684	43	274737	113.581	ug/L	99
49) Dibromochloromethane	8.809	129	86955	52.974	ug/L	94
50) 1,2-Dibromoethane	8.922	107	90219	55.650	ug/L	98
51) Chlorobenzene	9.446	112	204360	50.334	ug/L	99
52) Ethylbenzene	9.568	91	347520	49.120	ug/L	100
53) m,p-Xylene	9.694	106	129582	50.371	ug/L	99
54) o-Xylene	10.099	106	131499	50.765	ug/L	96
55) Styrene	10.115	104	225638	52.782	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	159577	54.623	ug/L	99
59) Bromoform	10.288	173	62562	52.076	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	130256	54.597	ug/L	100
61) Isopropylbenzene	10.485	105	329343	49.243	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	285653	50.635	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	279355	49.845	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	145185	49.728	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	143158	48.813	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	155064	51.077	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	38300	54.787	ug/L	96
69) 1,3,5-Trichlorobenzene	13.218	180	99379	48.576	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	89314	47.573	ug/L	98
71) Naphthalene	14.086	128	339361	50.564	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	98058	50.422	ug/L	98

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

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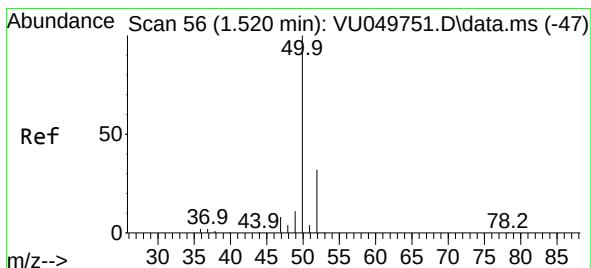
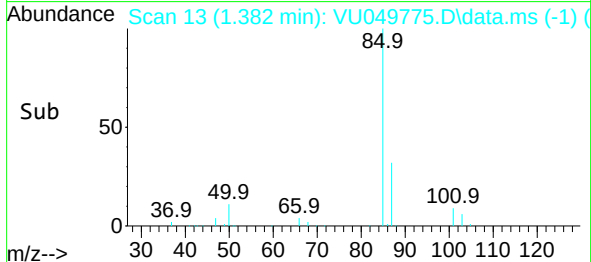
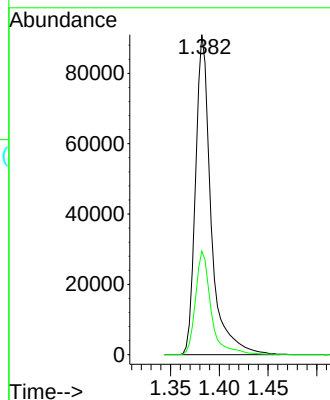
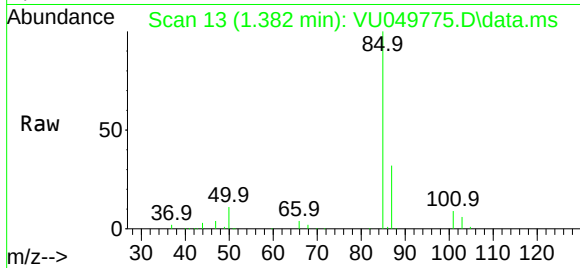




#2
Dichlorodifluoromethane
Concen: 44.474 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

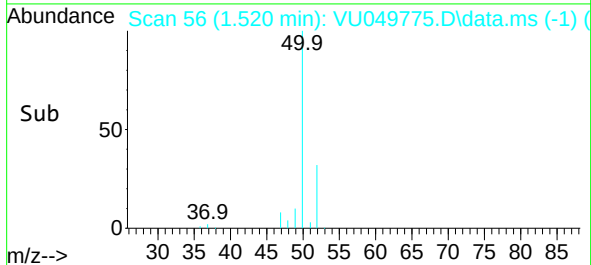
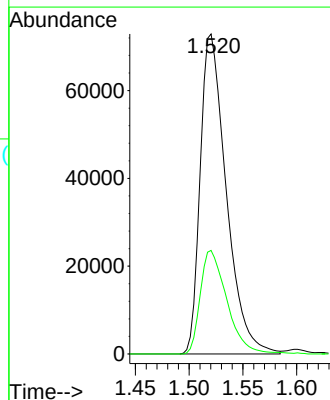
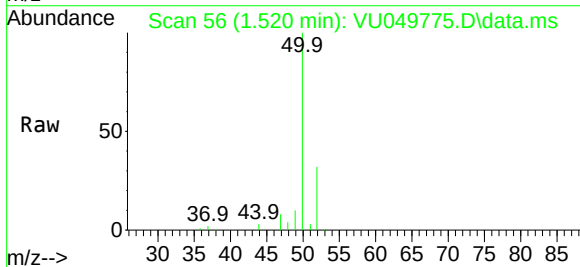
Instrument :
MSVOA_U
ClientSampleId :
VSTD050168

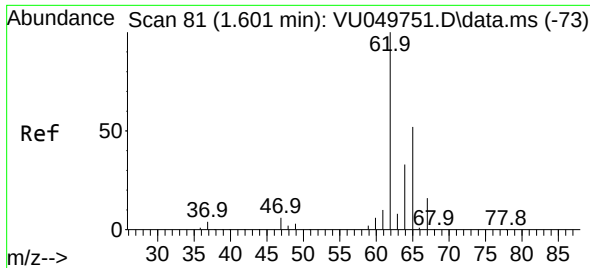
Tgt Ion: 85 Resp: 100949
Ion Ratio Lower Upper
85 100
87 32.4 26.3 39.5



#3
Chloromethane
Concen: 49.305 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

Tgt Ion: 50 Resp: 122827
Ion Ratio Lower Upper
50 100
52 32.4 23.2 43.0

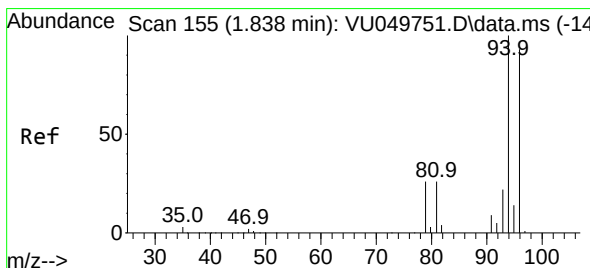
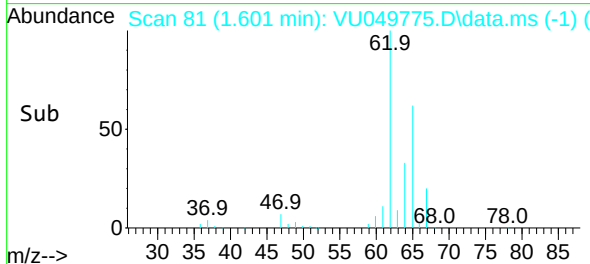
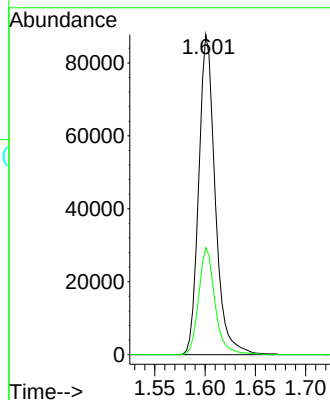
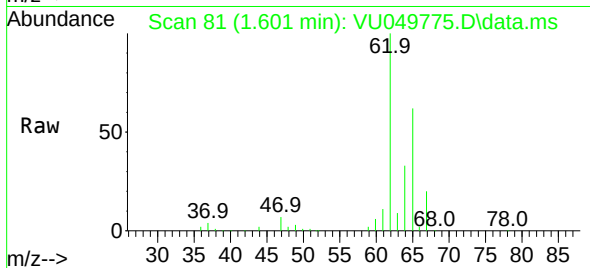




#5
 Vinyl chloride
 Concen: 44.440 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049775.D
 Acq: 18 Jul 2022 21:10

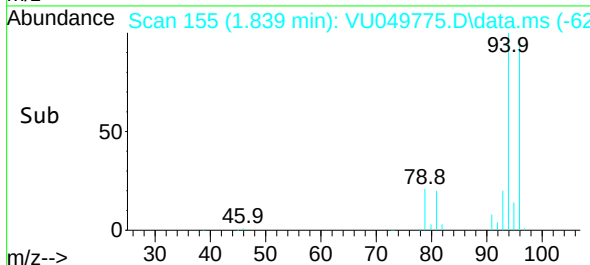
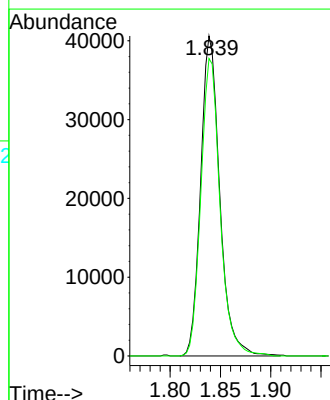
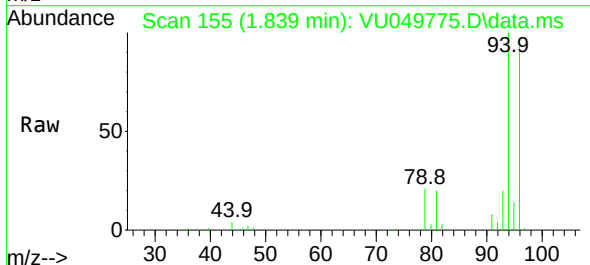
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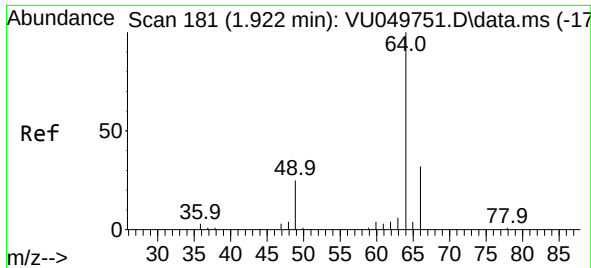
Tgt Ion: 62 Resp: 100040
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.0 42.6



#6
 Bromomethane
 Concen: 51.663 ug/L
 RT: 1.839 min Scan# 155
 Delta R.T. 0.000 min
 Lab File: VU049775.D
 Acq: 18 Jul 2022 21:10

Tgt Ion: 94 Resp: 53734
 Ion Ratio Lower Upper
 94 100
 96 93.0 66.1 122.7

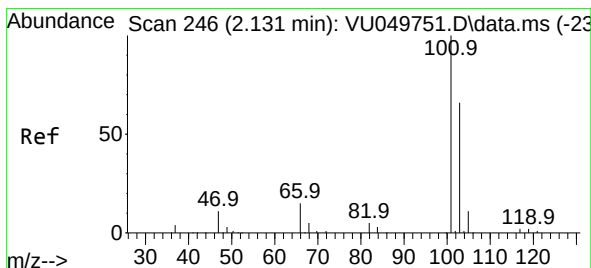
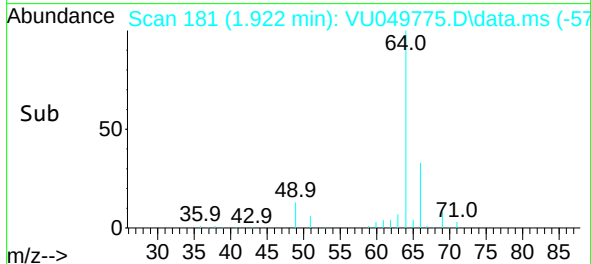
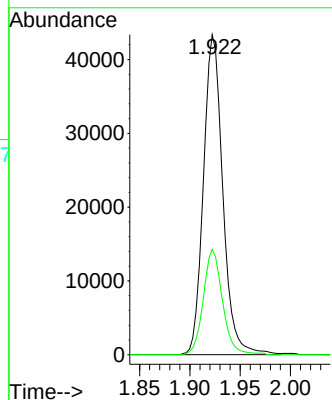
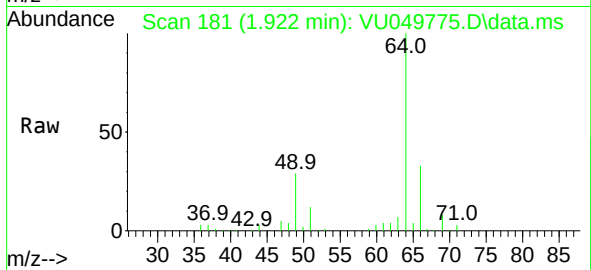




#8
Chloroethane
Concen: 46.674 ug/L
RT: 1.922 min Scan# 181
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

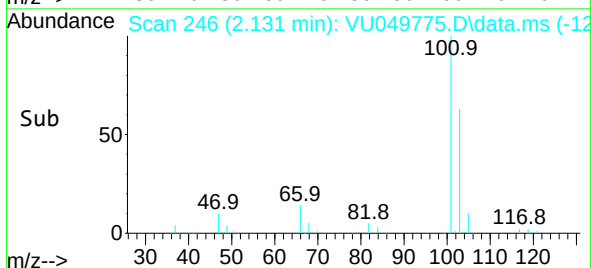
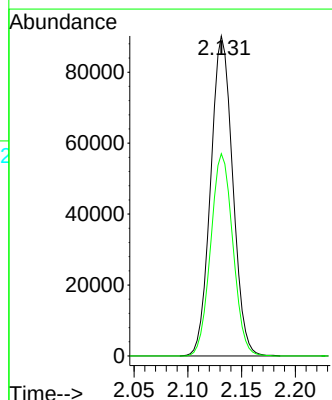
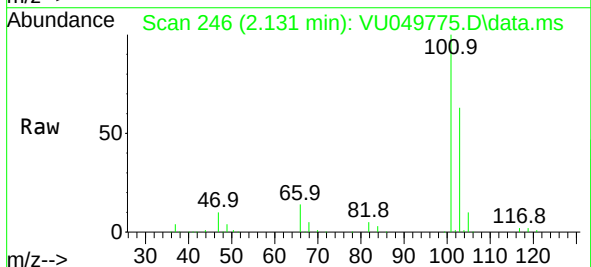
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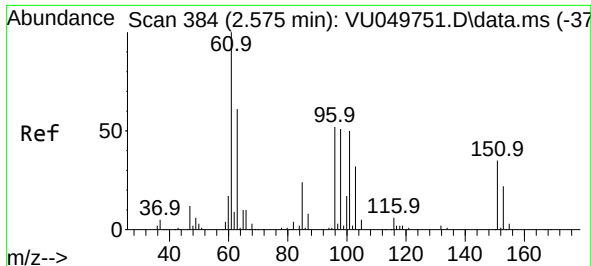
Tgt Ion: 64 Resp: 58203
Ion Ratio Lower Upper
64 100
66 32.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 46.338 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

Tgt Ion:101 Resp: 128820
Ion Ratio Lower Upper
101 100
103 63.5 52.2 78.4





#10

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

Concen: 43.697 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTD050168

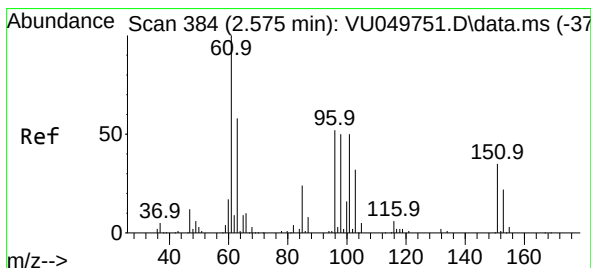
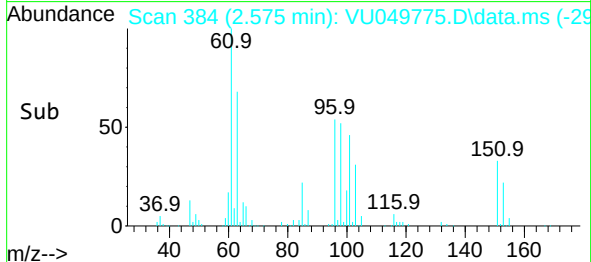
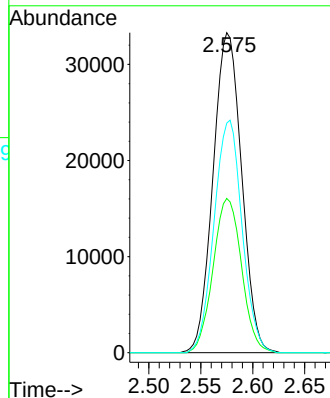
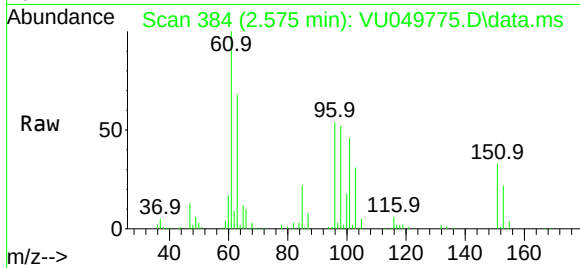
Tgt Ion:101 Resp: 63744

Ion Ratio Lower Upper

101 100

85 48.0 37.3 55.9

151 71.4 56.9 85.3



#12

1,1-Dichloroethene

Concen: 46.253 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

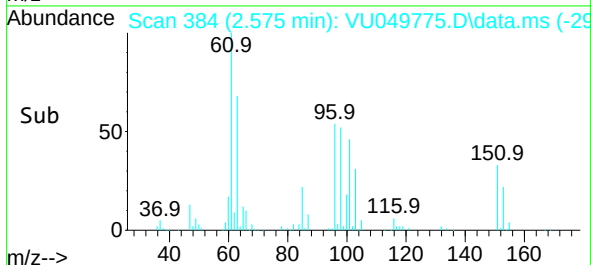
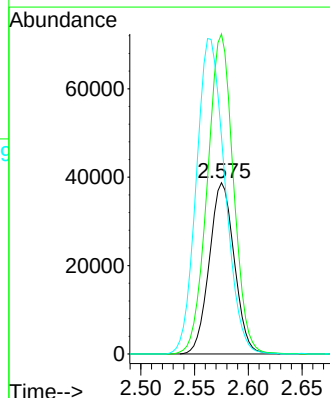
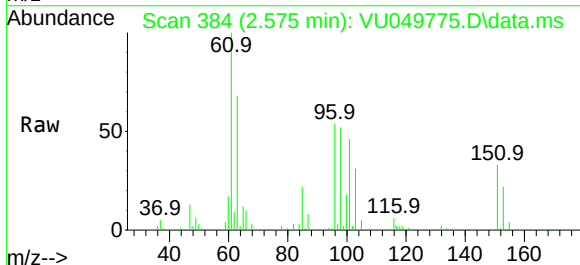
Tgt Ion: 96 Resp: 62621

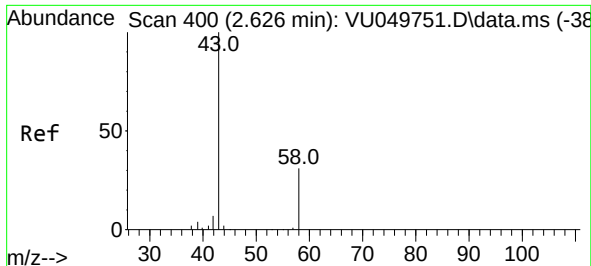
Ion Ratio Lower Upper

96 100

61 186.8 129.6 240.6

63 127.0 79.0 146.6





#13

Acetone

Concen: 86.534 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU049775.D

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Instrument :

MSVOA_U

ClientSampleId :

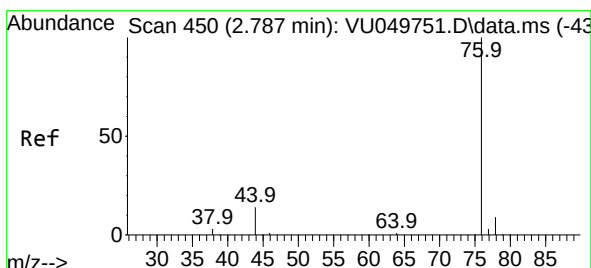
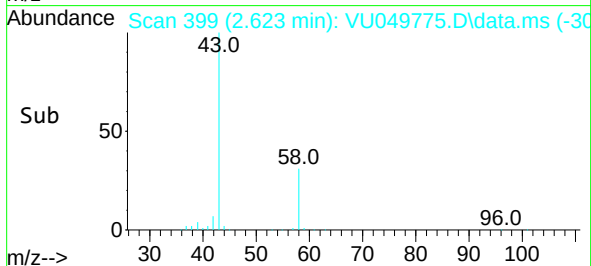
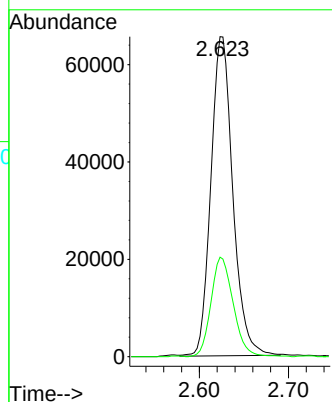
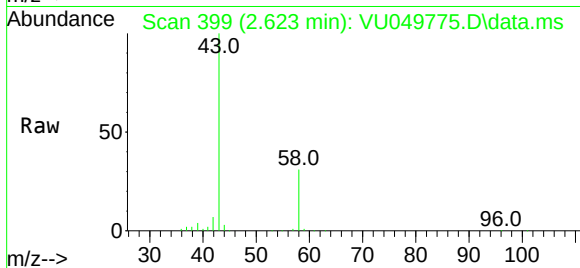
VSTD050168

Tgt Ion: 43 Resp: 112165

Ion Ratio Lower Upper

43 100

58 31.4 0.0 61.4



#14

Carbon disulfide

Concen: 39.006 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU049775.D

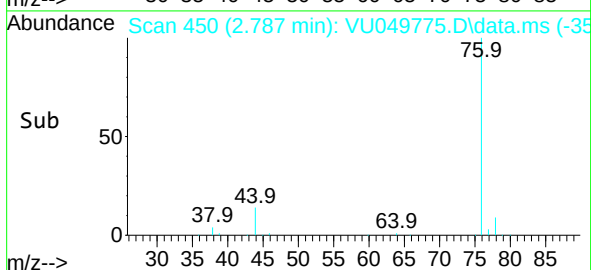
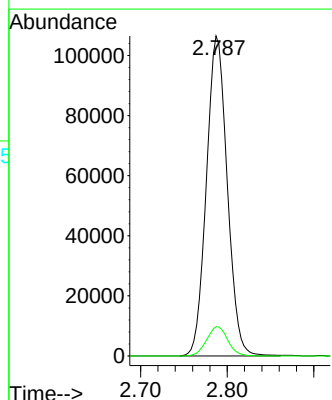
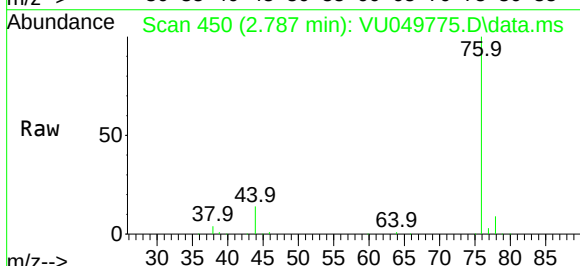
Acq: 18 Jul 2022 21:10

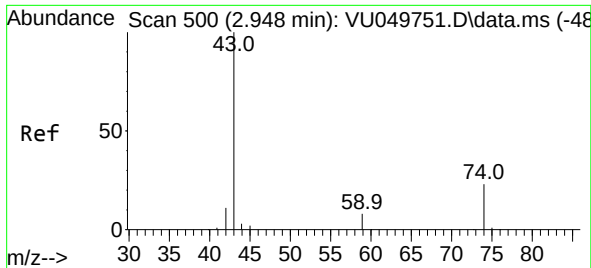
Tgt Ion: 76 Resp: 178082

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4

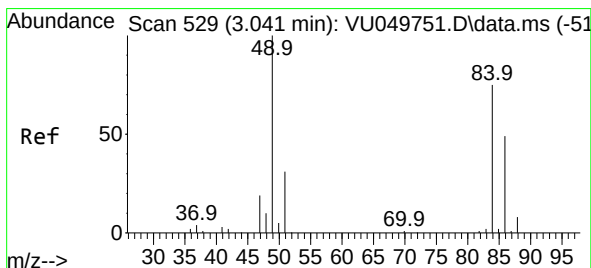
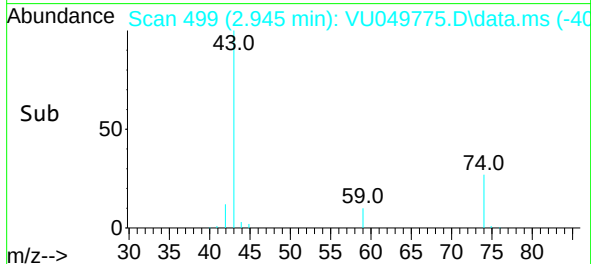
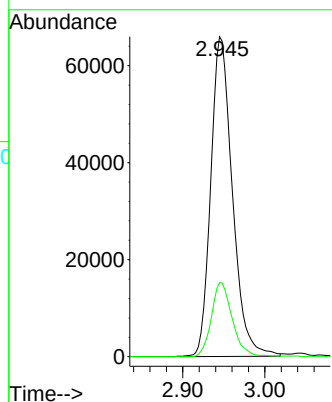
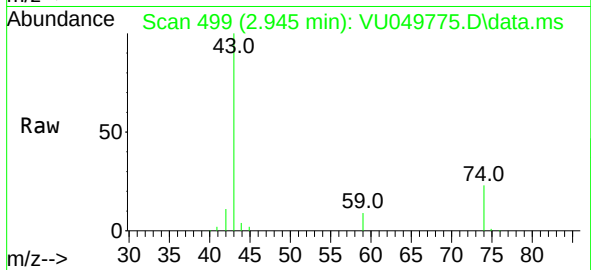




#15
Methyl Acetate
Concen: 57.472 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

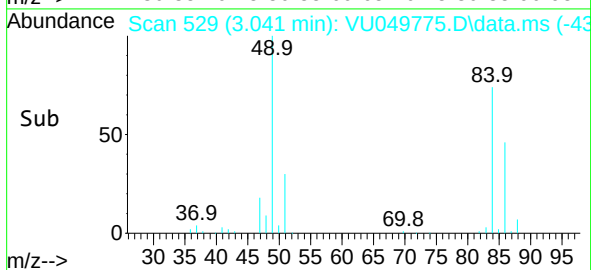
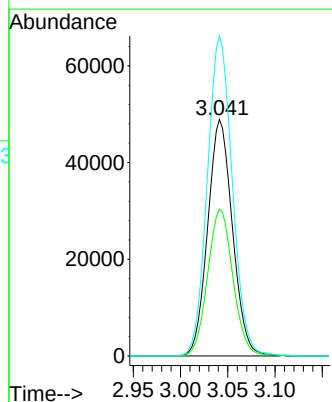
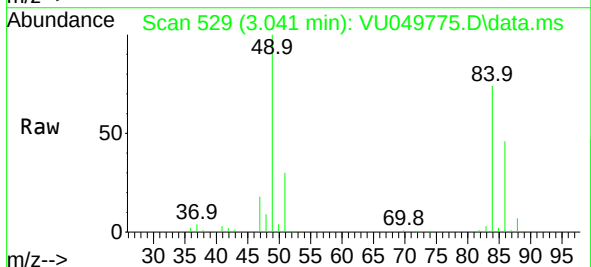
Instrument :
MSVOA_U
ClientSampleId :
VSTD050168

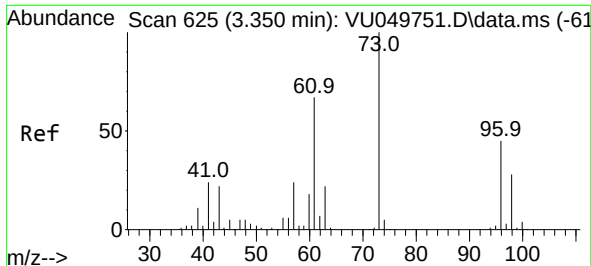
Tgt Ion: 43 Resp: 121027
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.0



#16
Methylene chloride
Concen: 52.201 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

Tgt Ion: 84 Resp: 88997
Ion Ratio Lower Upper
84 100
86 62.1 45.6 84.6
49 135.2 94.4 175.4



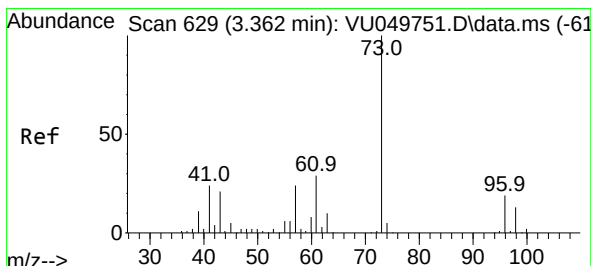
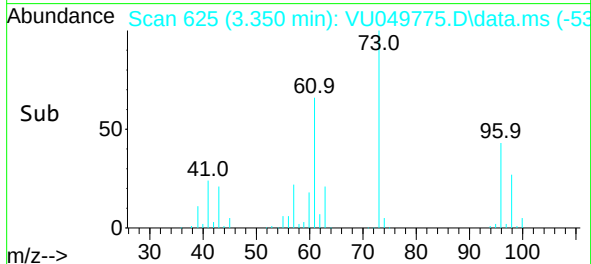
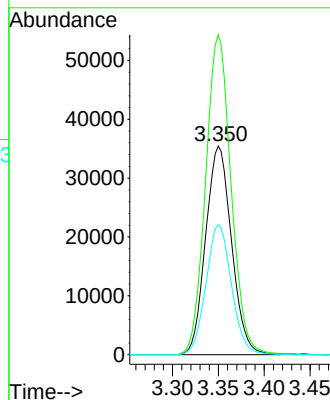
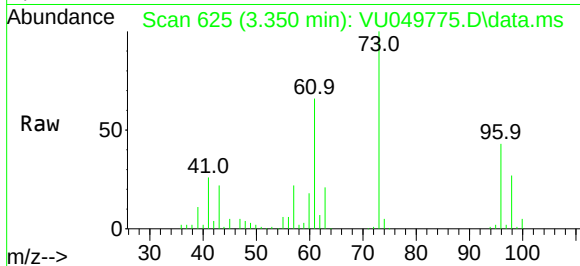


#17
 trans-1,2-Dichloroethene
 Concen: 47.005 ug/L
 RT: 3.350 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VU049775.D
 Acq: 18 Jul 2022 21:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050168

Tgt Ion: 96 Resp: 69617

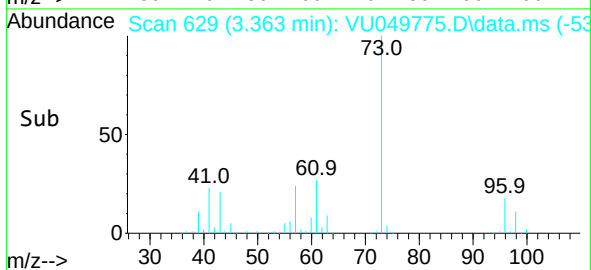
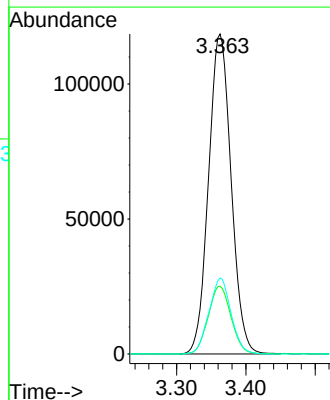
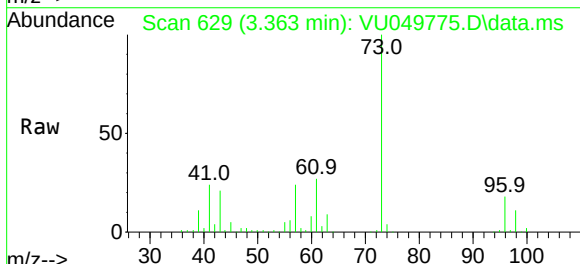
Ion	Ratio	Lower	Upper
96	100		
61	153.3	107.6	199.8
98	62.3	44.6	82.8

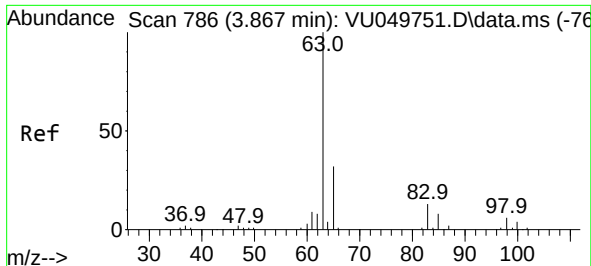


#18
 Methyl tert-butyl Ether
 Concen: 52.891 ug/L
 RT: 3.363 min Scan# 629
 Delta R.T. 0.000 min
 Lab File: VU049775.D
 Acq: 18 Jul 2022 21:10

Tgt Ion: 73 Resp: 268312

Ion	Ratio	Lower	Upper
73	100		
43	21.5	17.0	25.4
57	23.2	18.5	27.7

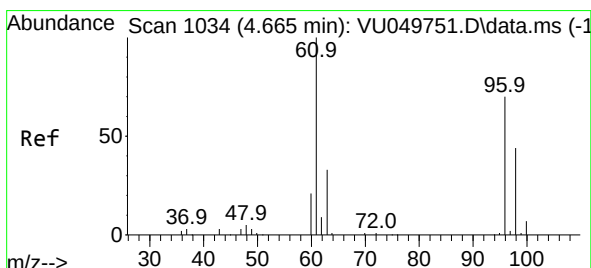
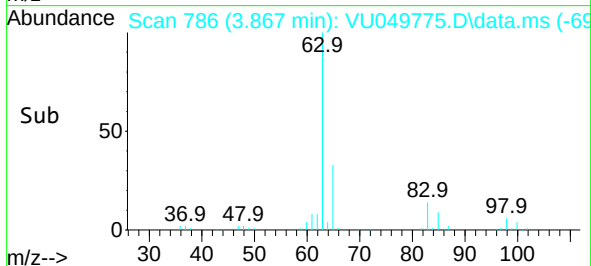
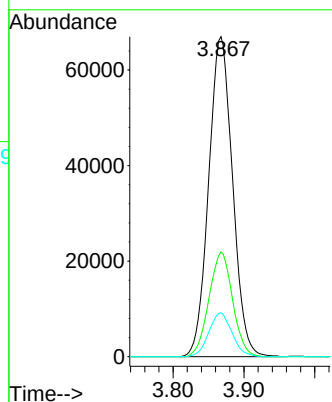
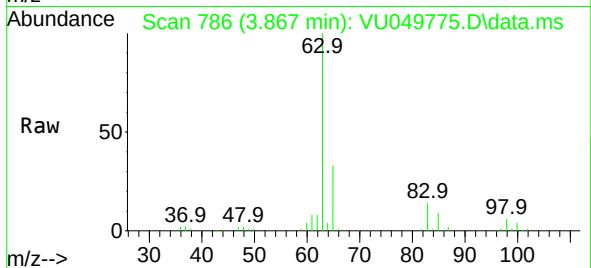




#19
1,1-Dichloroethane
Concen: 50.888 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

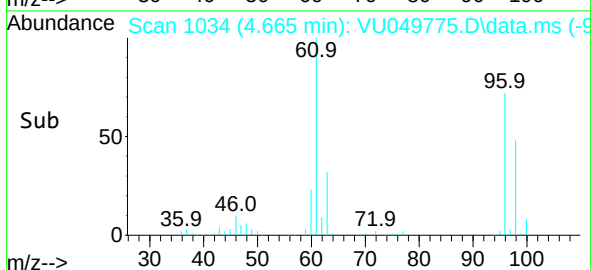
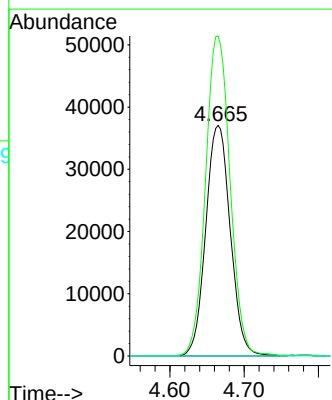
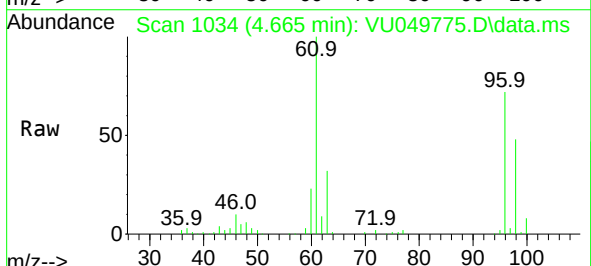
Instrument :
MSVOA_U
ClientSampleId :
VSTD050168

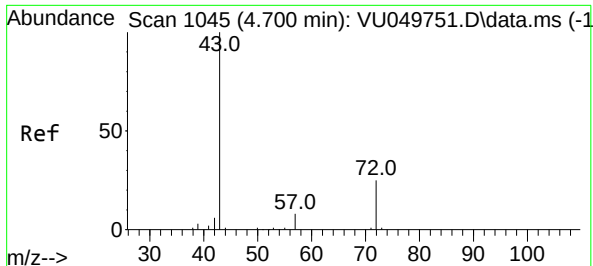
Tgt Ion: 63 Resp: 156908
Ion Ratio Lower Upper
63 100
65 32.7 22.6 42.0
83 13.7 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 51.097 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

Tgt Ion: 96 Resp: 85052
Ion Ratio Lower Upper
96 100
61 138.8 101.1 187.7
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 106.747 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

Instrument :

MSVOA_U

ClientSampleId :

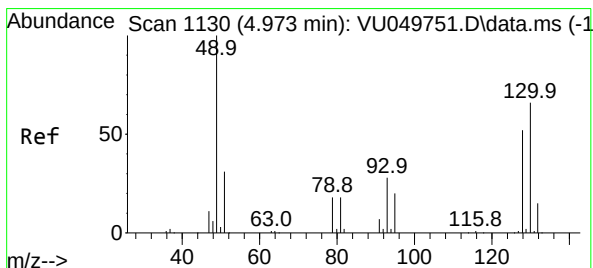
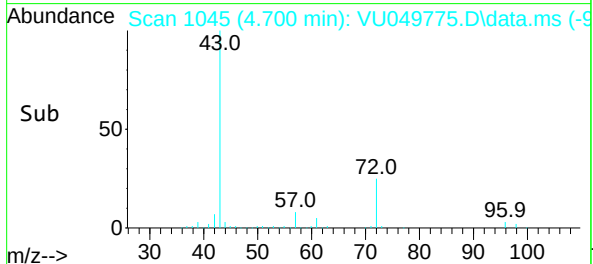
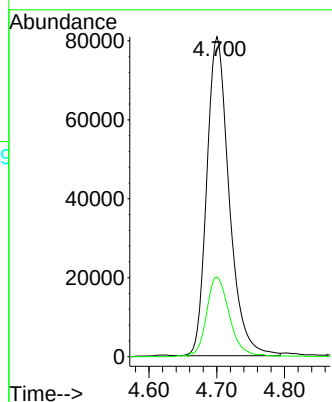
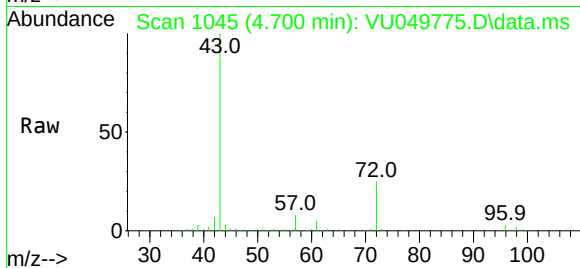
VSTD050168

Tgt Ion: 43 Resp: 185251

Ion Ratio Lower Upper

43 100

72 24.1 12.7 38.0



#23

Bromochloromethane

Concen: 52.011 ug/L

RT: 4.974 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

Tgt Ion:128 Resp: 43197

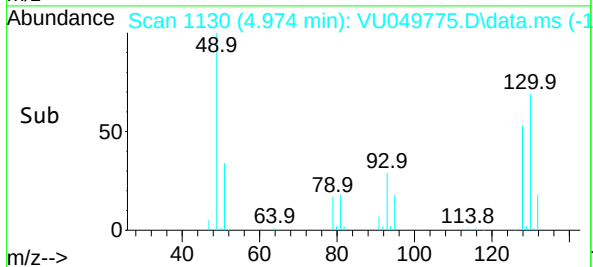
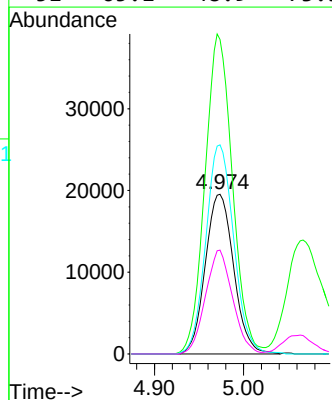
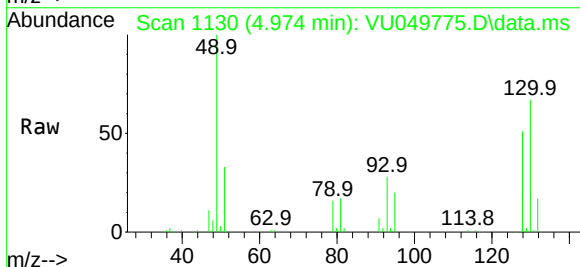
Ion Ratio Lower Upper

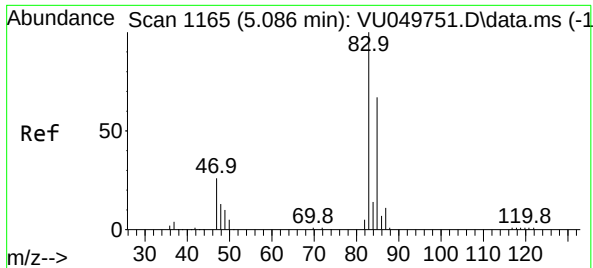
128 100

49 196.9 140.9 261.7

130 131.0 90.0 167.2

51 65.1 48.9 73.3

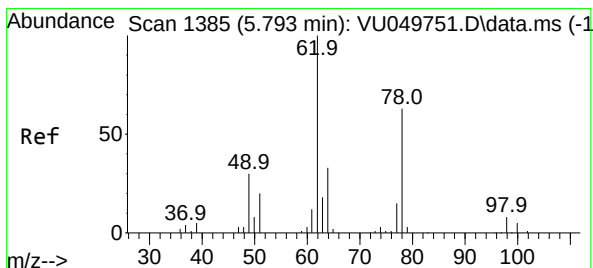
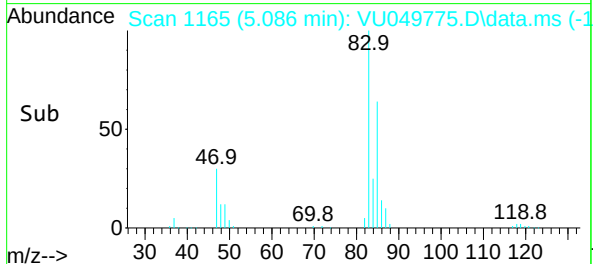
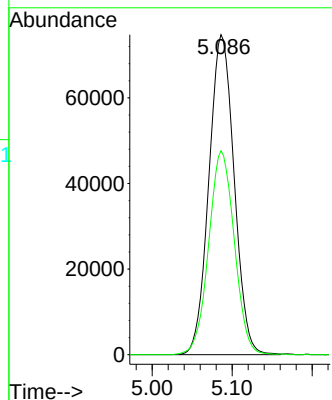
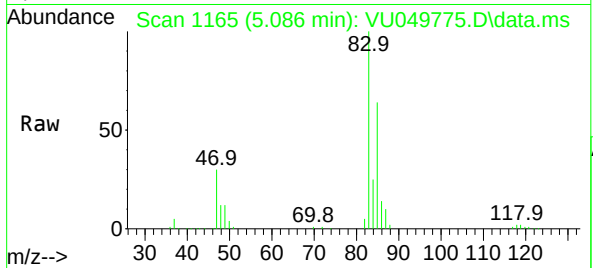




#25
Chloroform
Concen: 52.951 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

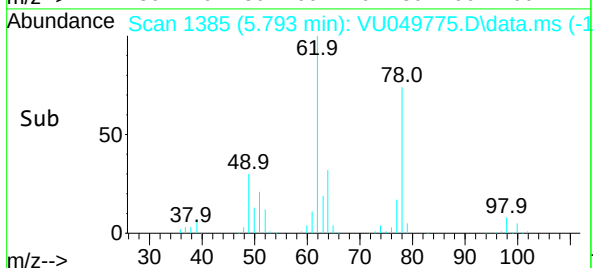
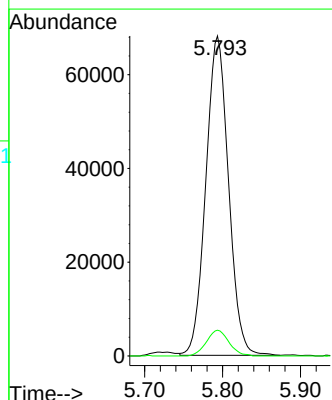
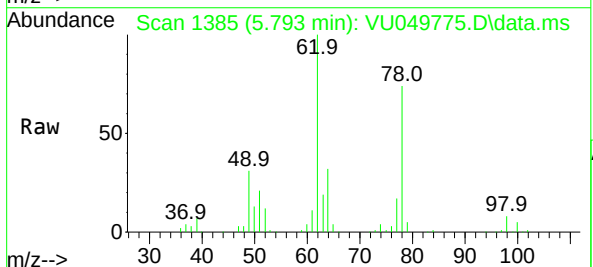
Instrument :
MSVOA_U
ClientSampleId :
VSTD050168

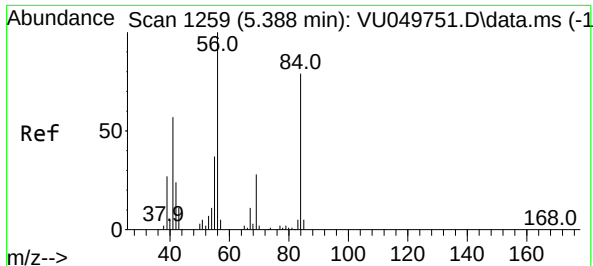
Tgt Ion: 83 Resp: 163719
Ion Ratio Lower Upper
83 100
85 63.7 45.2 84.0



#27
1,2-Dichloroethane
Concen: 52.195 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

Tgt Ion: 62 Resp: 137416
Ion Ratio Lower Upper
62 100
98 8.1 6.7 10.1





#29

Cyclohexane

Concen: 42.875 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTD050168

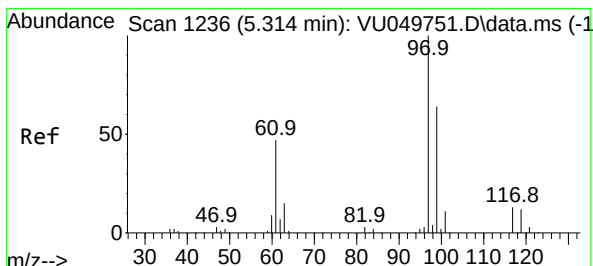
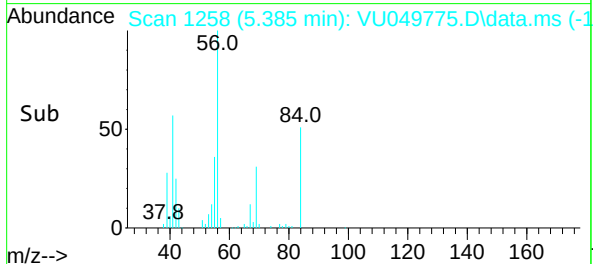
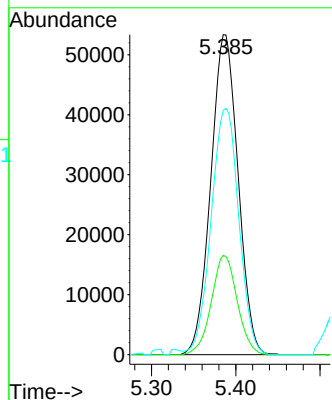
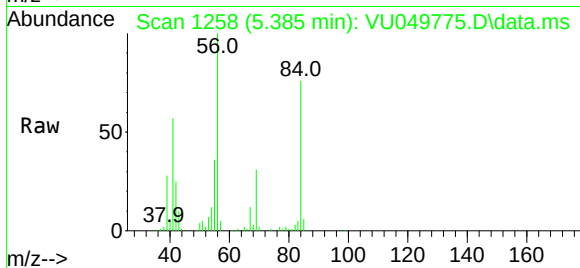
Tgt Ion: 56 Resp: 120102

Ion Ratio Lower Upper

56 100

69 29.4 23.4 35.2

84 78.2 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 50.542 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

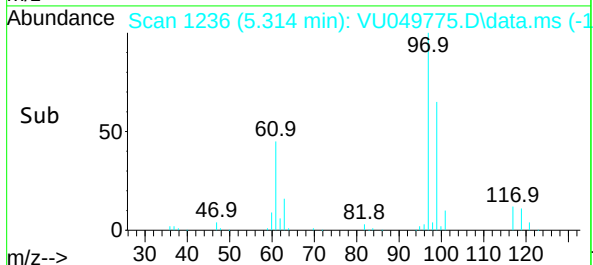
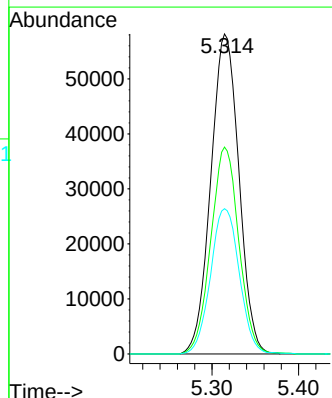
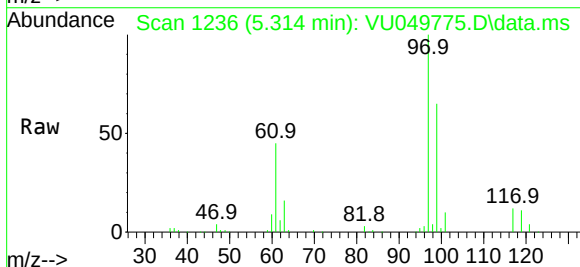
Tgt Ion: 97 Resp: 131315

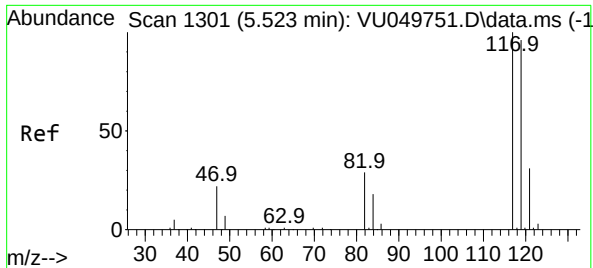
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 46.4 38.2 57.2

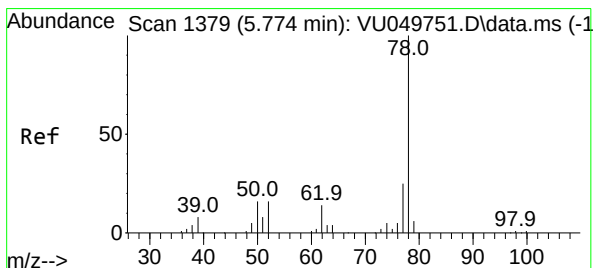
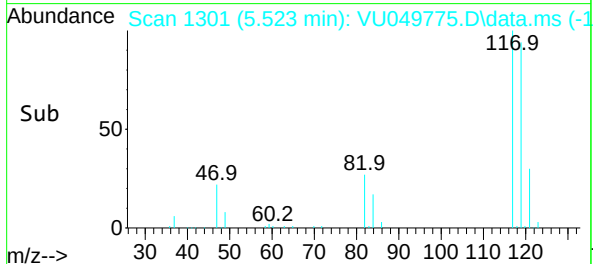
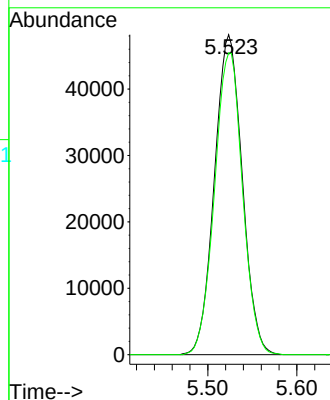
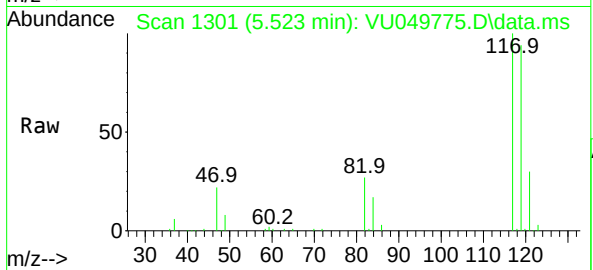




#31
Carbon tetrachloride
Concen: 49.142 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

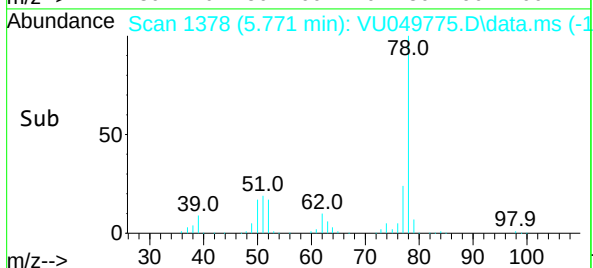
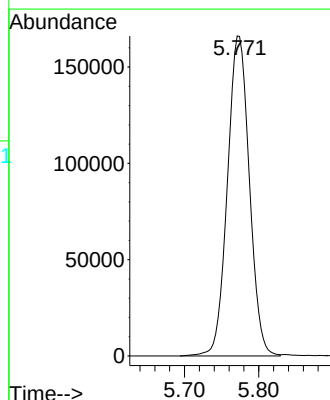
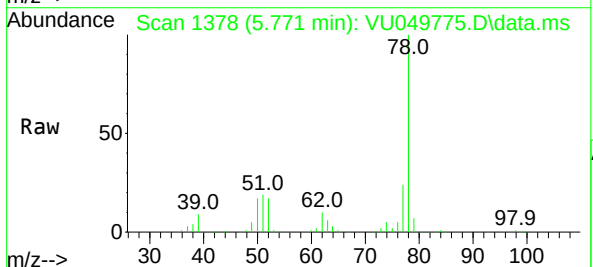
Instrument :
MSVOA_U
ClientSampleId :
VSTD050168

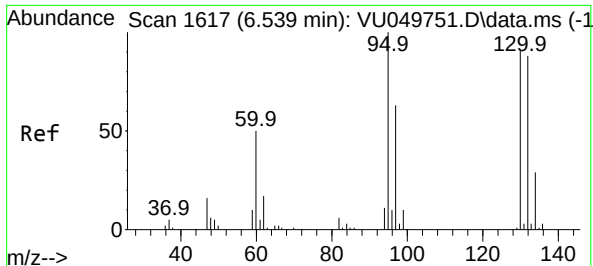
Tgt Ion:117 Resp: 104426
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8



#33
Benzene
Concen: 50.624 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

Tgt Ion: 78 Resp: 341500





#34

Trichloroethene

Concen: 48.182 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTD050168

Tgt Ion: 95 Resp: 78566

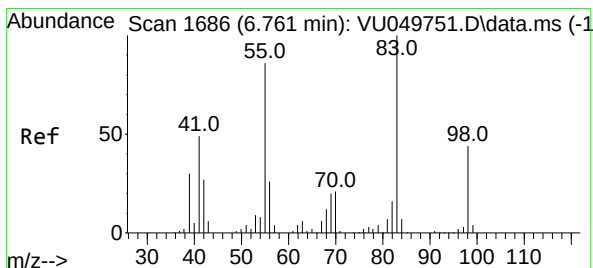
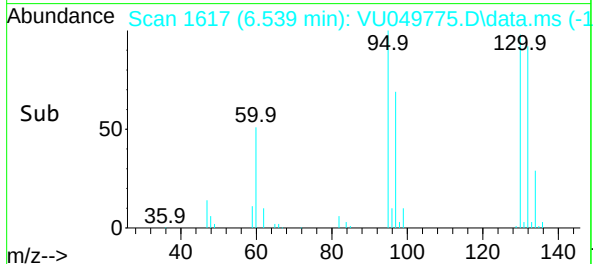
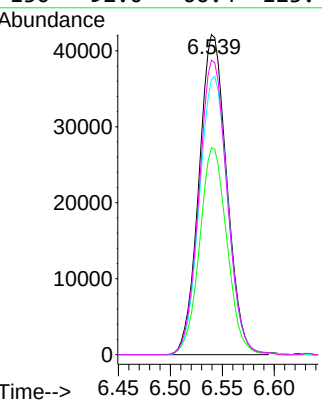
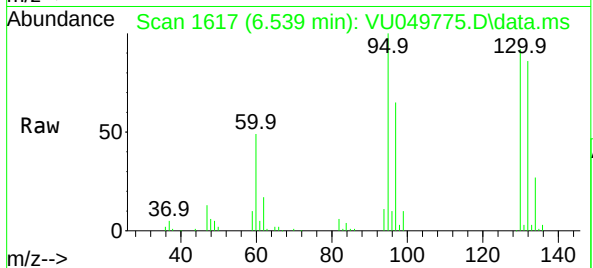
Ion Ratio Lower Upper

95 100

97 64.6 46.9 87.1

132 86.0 62.7 116.5

130 92.0 66.4 123.4



#35

Methylcyclohexane

Concen: 43.172 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

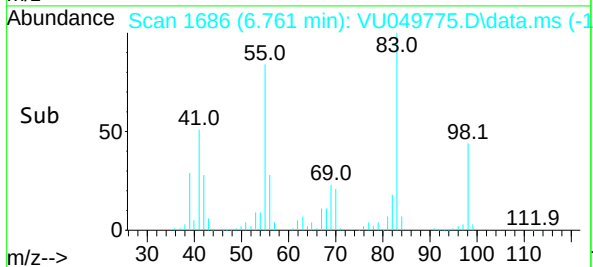
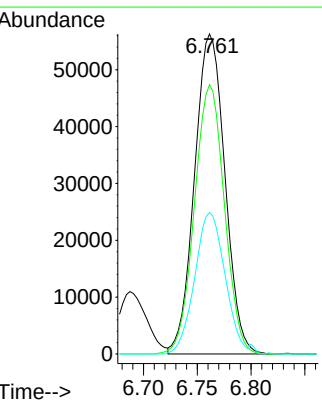
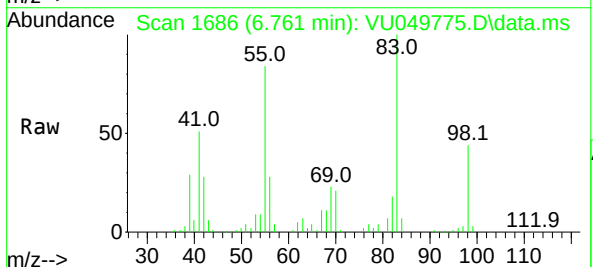
Tgt Ion: 83 Resp: 110622

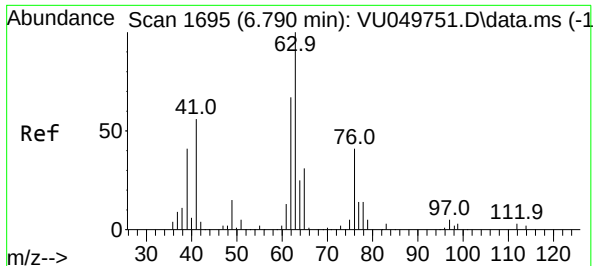
Ion Ratio Lower Upper

83 100

55 83.0 66.0 99.0

98 43.9 34.6 51.8





#37

1,2-Dichloropropane

Concen: 51.835 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

Instrument :

MSVOA_U

ClientSampleId :

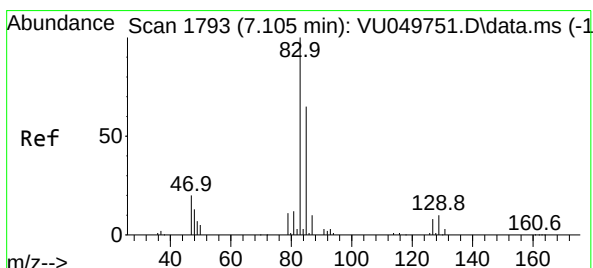
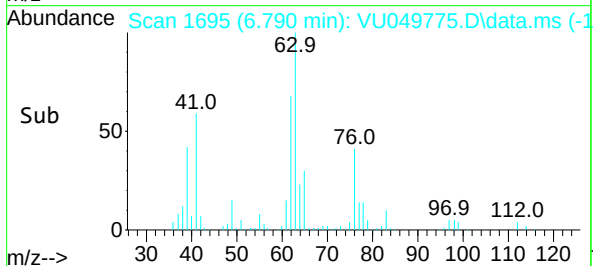
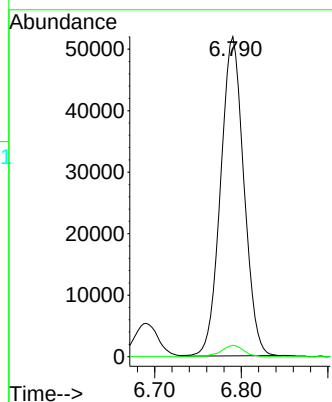
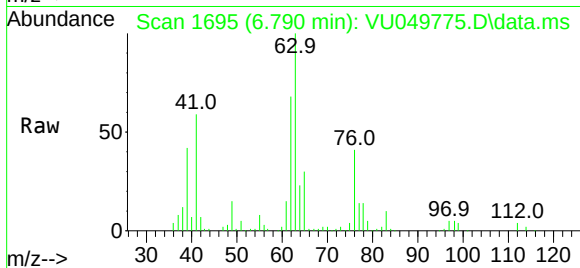
VSTD050168

Tgt Ion: 63 Resp: 96920

Ion Ratio Lower Upper

63 100

112 3.4 2.8 4.2



#38

Bromodichloromethane

Concen: 50.576 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

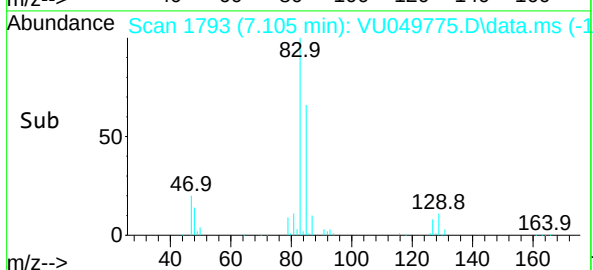
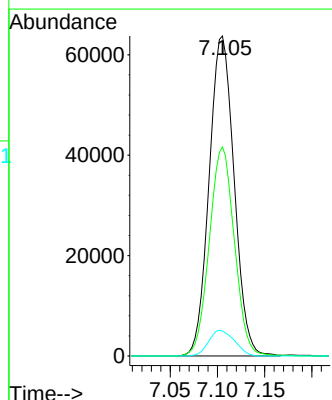
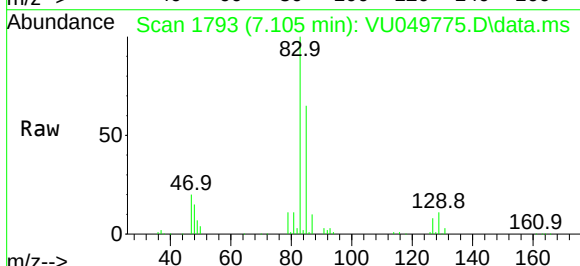
Tgt Ion: 83 Resp: 117246

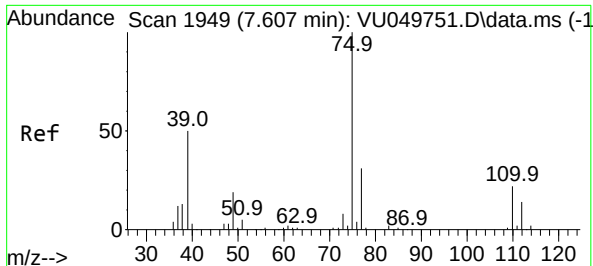
Ion Ratio Lower Upper

83 100

85 65.4 45.4 84.2

127 7.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 49.923 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

Instrument :

MSVOA_U

ClientSampleId :

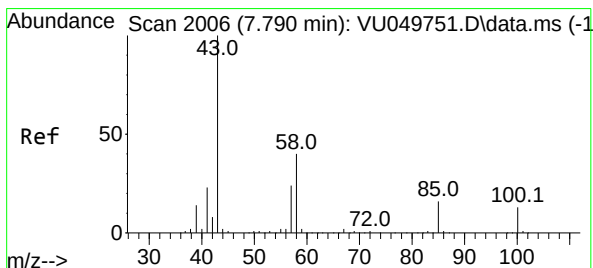
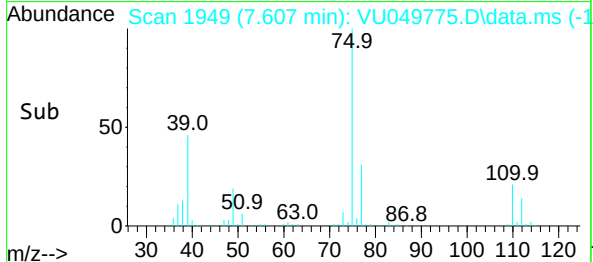
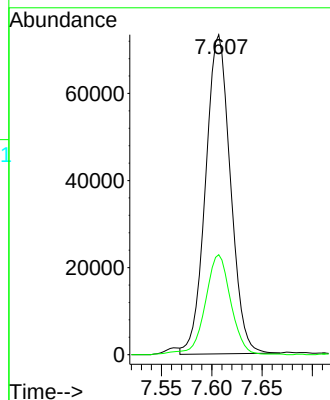
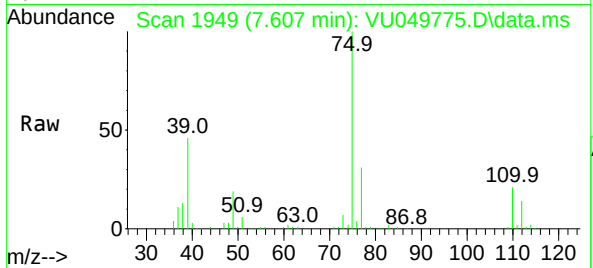
VSTD050168

Tgt Ion: 75 Resp: 125890

Ion Ratio Lower Upper

75 100

77 31.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 113.169 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

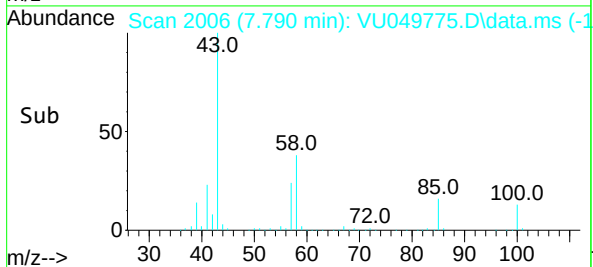
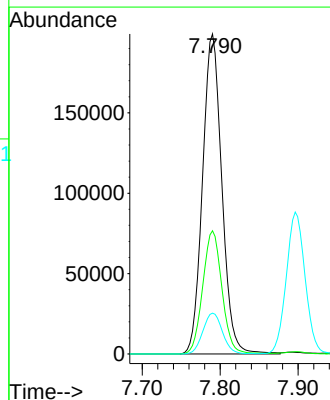
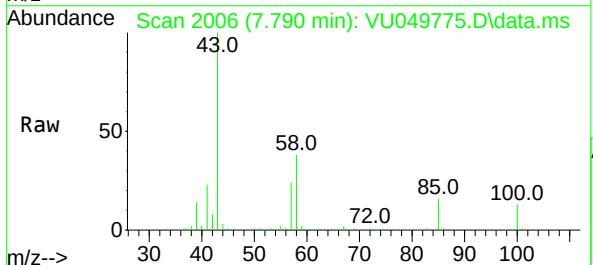
Tgt Ion: 43 Resp: 342552

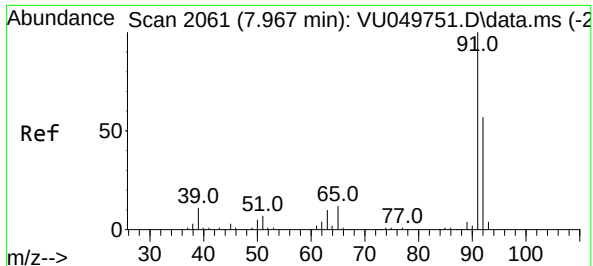
Ion Ratio Lower Upper

43 100

58 38.3 31.4 47.0

100 12.9 10.3 15.5

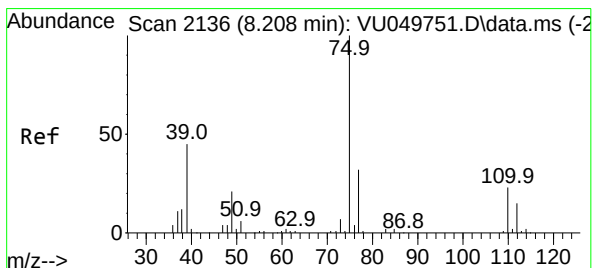
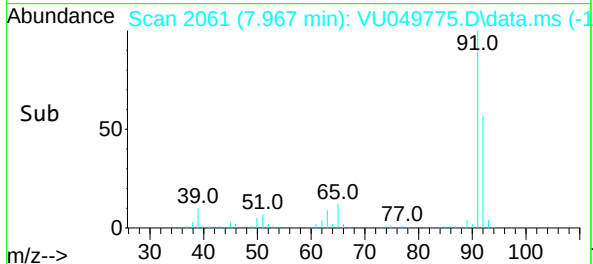
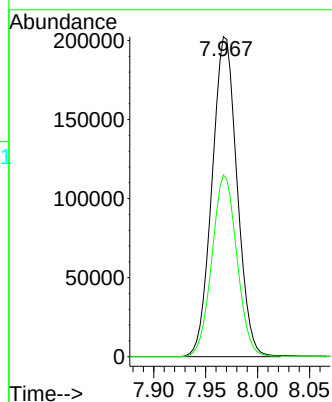
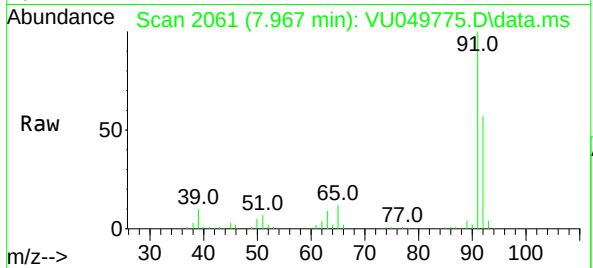




#42
Toluene
Concen: 50.608 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

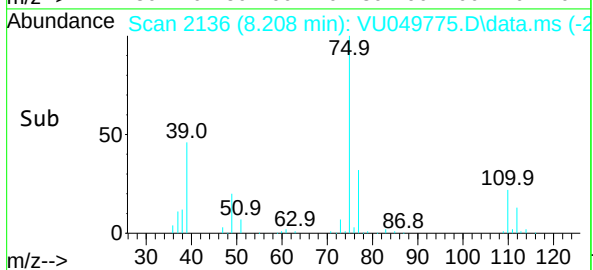
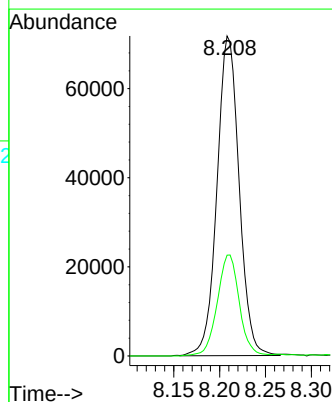
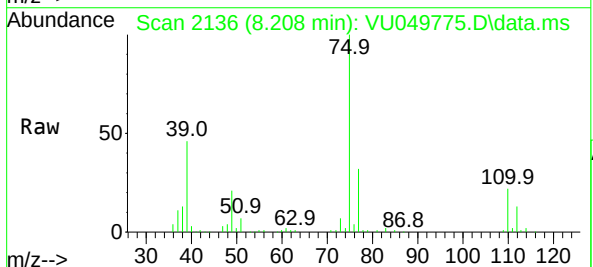
Instrument :
MSVOA_U
ClientSampleId :
VSTD050168

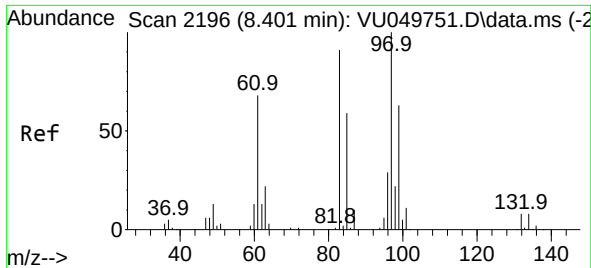
Tgt Ion: 91 Resp: 339294
Ion Ratio Lower Upper
91 100
92 56.8 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 50.831 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

Tgt Ion: 75 Resp: 120354
Ion Ratio Lower Upper
75 100
77 31.5 22.5 41.9

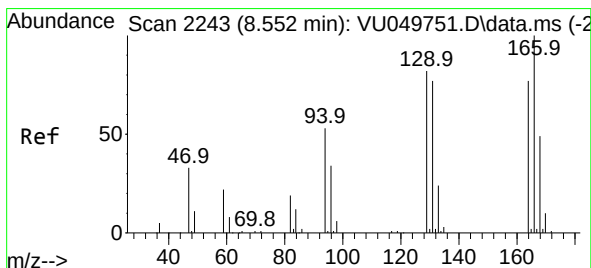
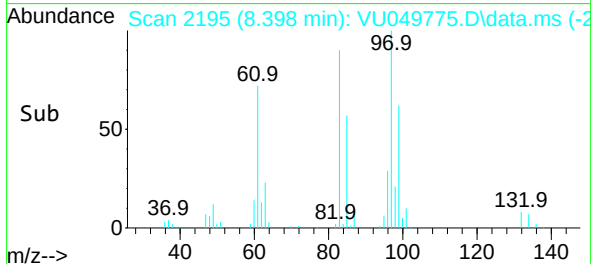
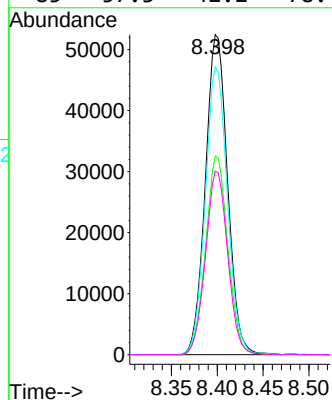
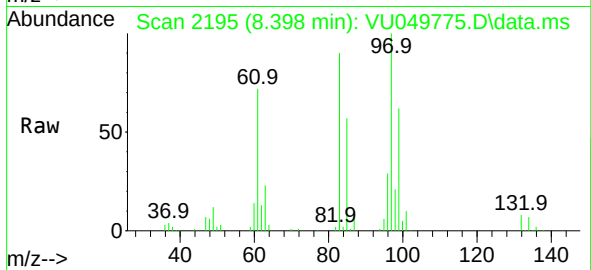




#45
1,1,2-Trichloroethane
Concen: 54.113 ug/L
RT: 8.398 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

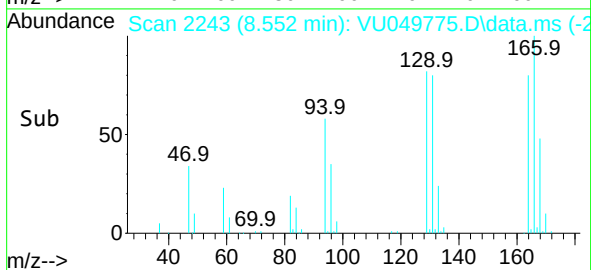
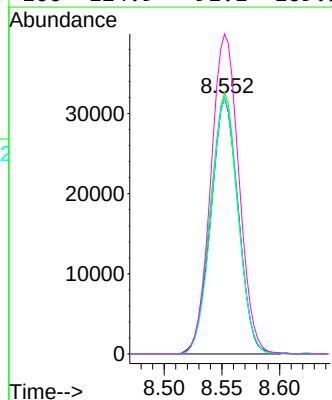
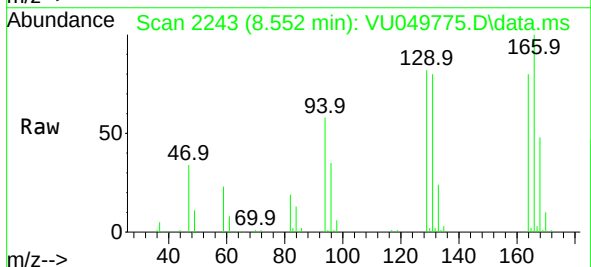
Instrument :
MSVOA_U
ClientSampleId :
VSTD050168

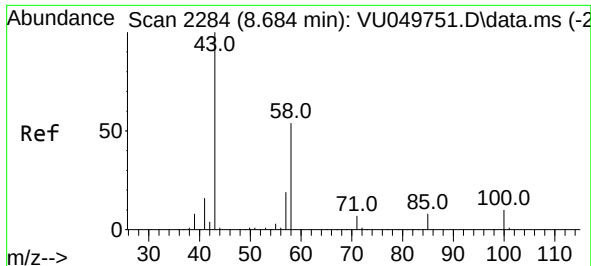
Tgt Ion: 97	Resp: 88314
Ion Ratio	Lower Upper
97 100	
99 62.1	44.3 82.3
83 89.9	64.0 118.8
85 57.3	42.2 78.4



#46
Tetrachloroethene
Concen: 46.617 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

Tgt	Ion:164	Resp:	52721
Ion	Ratio	Lower	Upper
164	100		
129	102.0	72.0	133.8
131	99.9	69.0	128.1
166	124.9	91.1	169.3

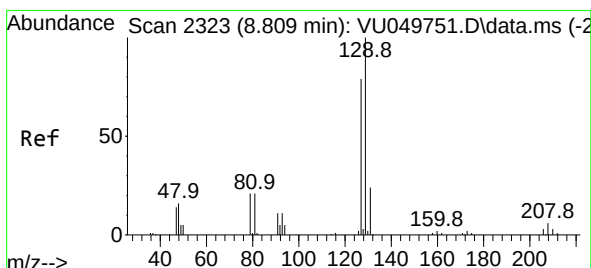
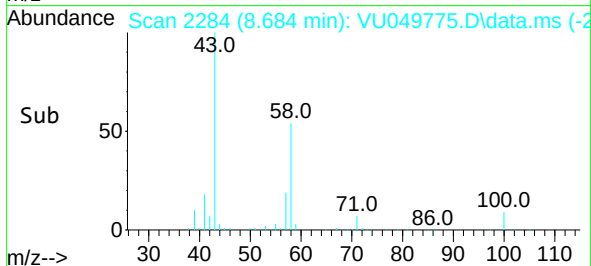
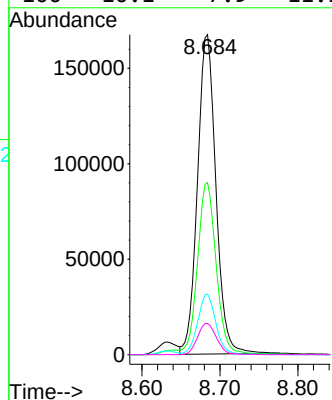
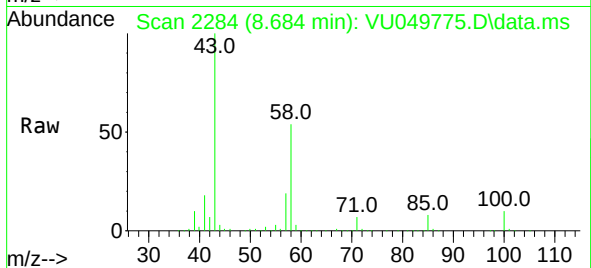




#48
2-Hexanone
Concen: 113.581 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

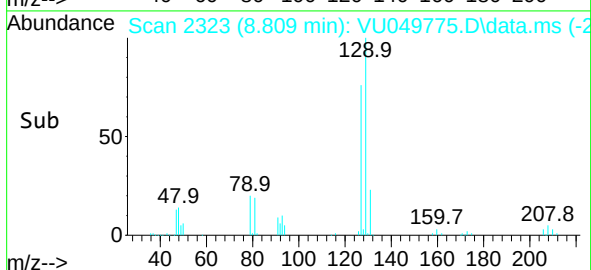
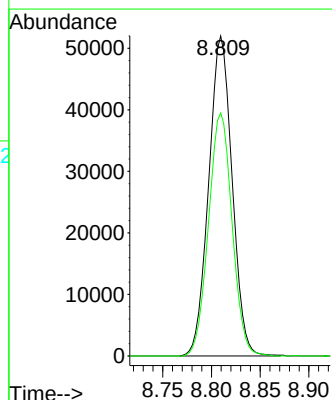
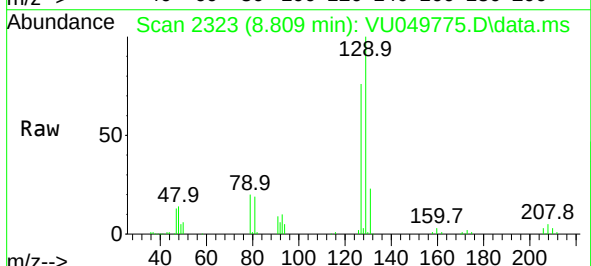
Instrument :
MSVOA_U
ClientSampleId :
VSTD050168

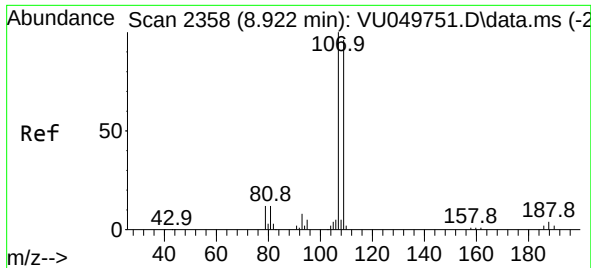
Tgt Ion:	43	Resp:	274737
Ion	Ratio	Lower	Upper
43	100		
58	54.6	42.6	64.0
57	18.7	15.0	22.6
100	10.1	7.9	11.9



#49
Dibromochloromethane
Concen: 52.974 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

Tgt Ion:	129	Resp:	86955
Ion	Ratio	Lower	Upper
129	100		
127	76.0	56.9	105.7

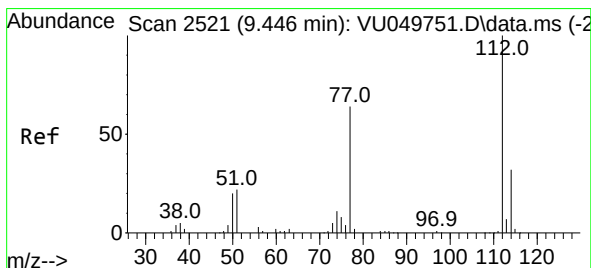
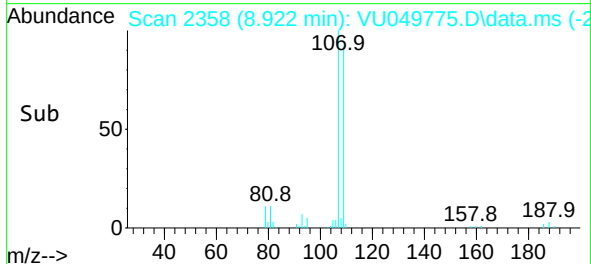
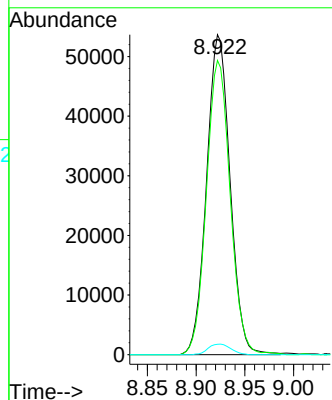
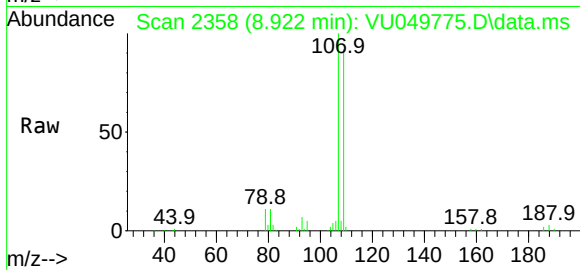




#50
1,2-Dibromoethane
Concen: 55.650 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

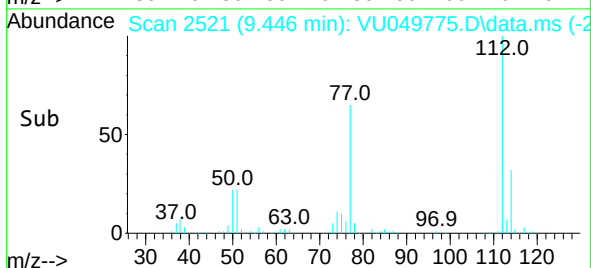
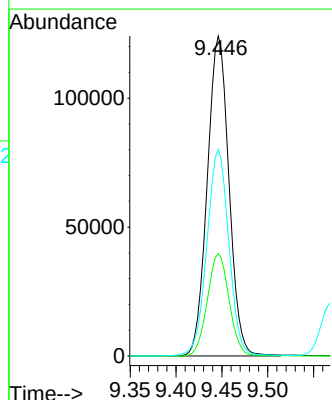
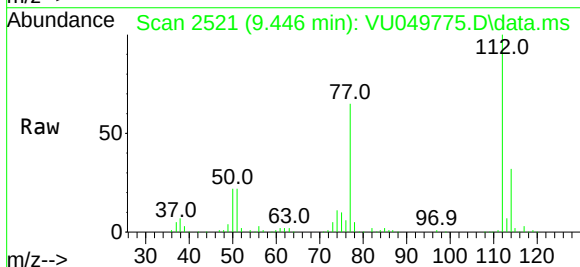
Instrument :
MSVOA_U
ClientSampleId :
VSTD050168

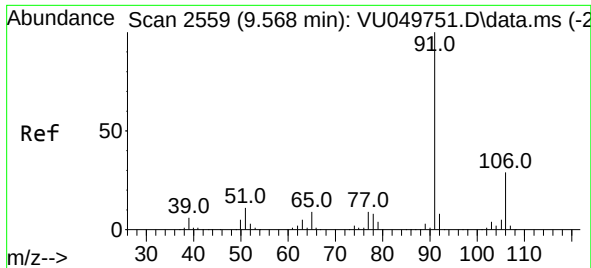
Tgt Ion:107 Resp: 90219
Ion Ratio Lower Upper
107 100
109 92.0 65.7 121.9
188 3.3 2.7 4.1



#51
Chlorobenzene
Concen: 50.334 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

Tgt Ion:112 Resp: 204360
Ion Ratio Lower Upper
112 100
114 32.0 22.1 41.1
77 64.6 51.2 76.8

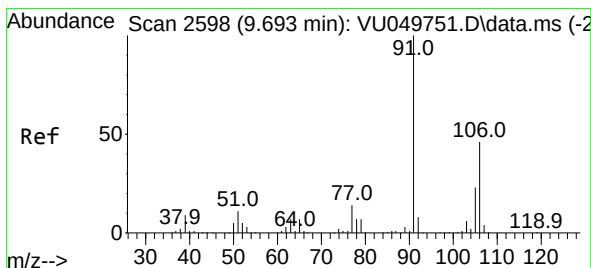
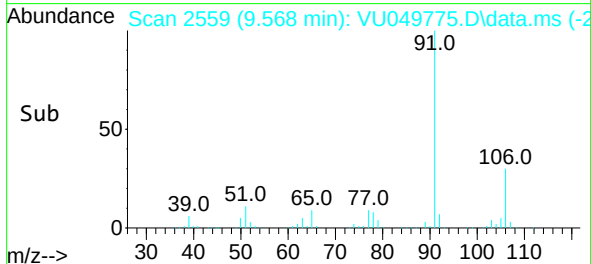
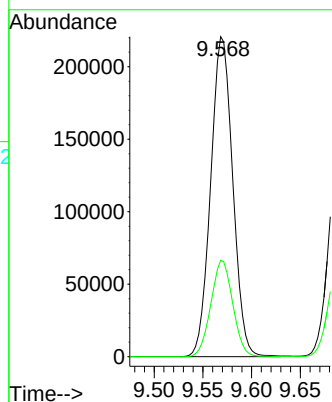
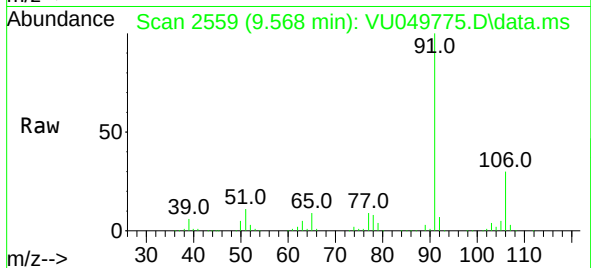




#52
Ethylbenzene
Concen: 49.120 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

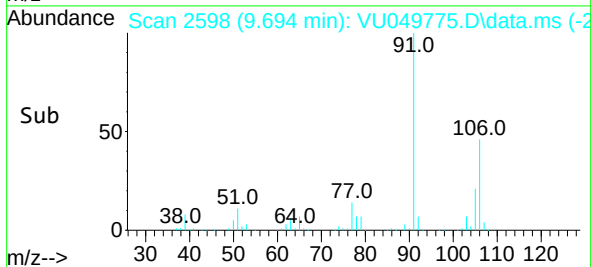
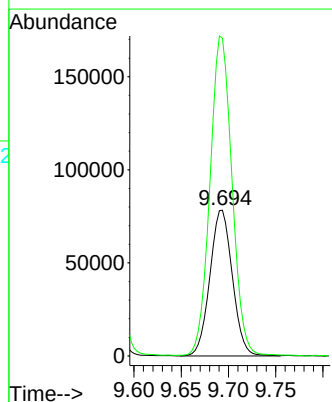
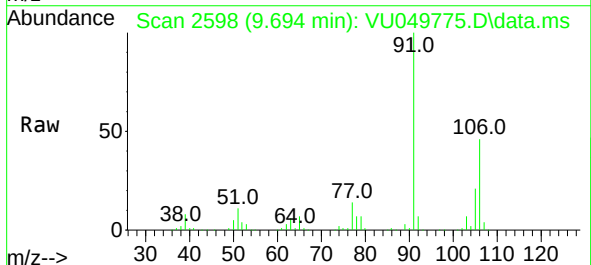
Instrument :
MSVOA_U
ClientSampleId :
VSTD050168

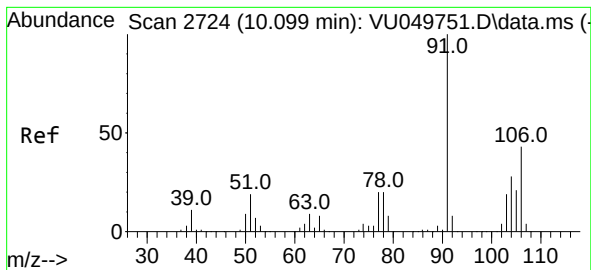
Tgt Ion: 91 Resp: 347520
Ion Ratio Lower Upper
91 100
106 30.1 21.0 39.0



#53
m,p-Xylene
Concen: 50.371 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

Tgt Ion: 106 Resp: 129582
Ion Ratio Lower Upper
106 100
91 218.0 151.7 281.7





#54

o-Xylene

Concen: 50.765 ug/L

RT: 10.099 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

Instrument :

MSVOA_U

ClientSampleId :

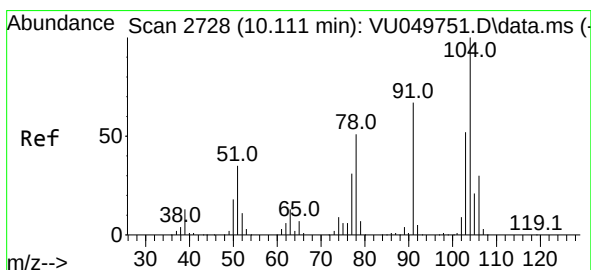
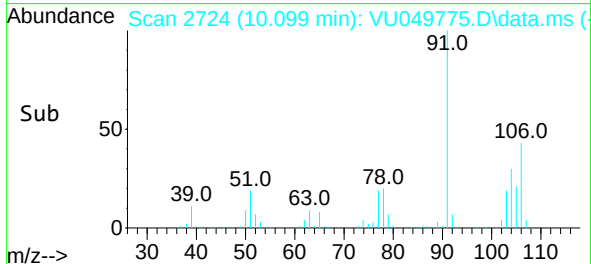
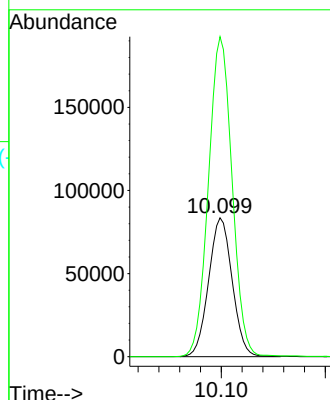
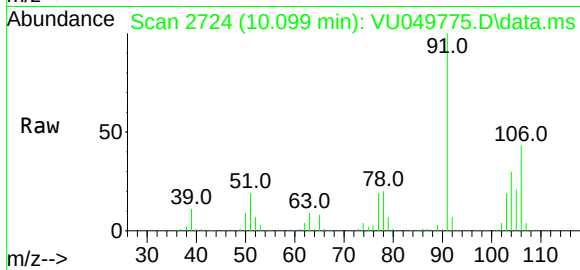
VSTD050168

Tgt Ion:106 Resp: 131499

Ion Ratio Lower Upper

106 100

91 230.5 156.9 291.5



#55

Styrene

Concen: 52.782 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.003 min

Lab File: VU049775.D

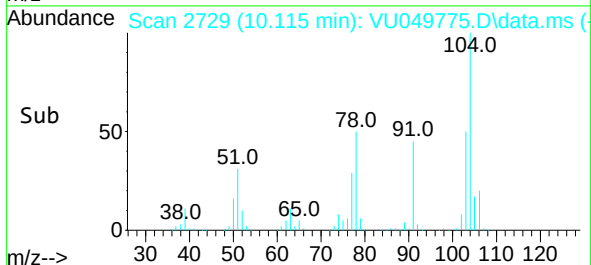
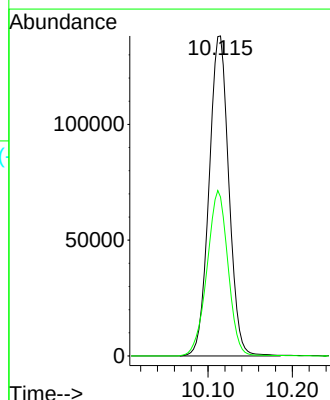
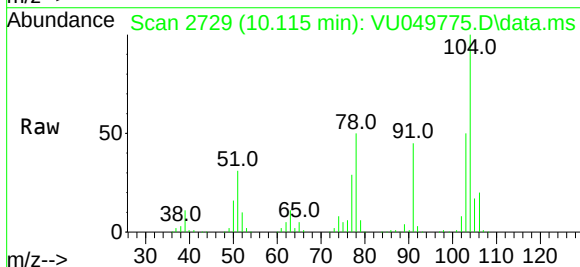
Acq: 18 Jul 2022 21:10

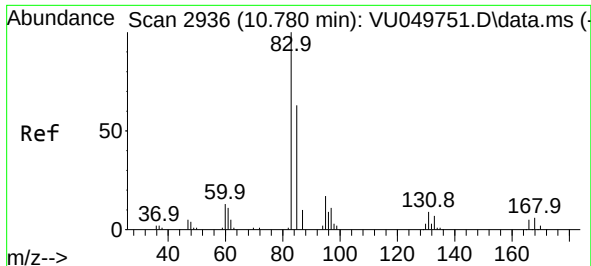
Tgt Ion:104 Resp: 225638

Ion Ratio Lower Upper

104 100

78 49.7 36.1 67.1





#57

1,1,2,2-Tetrachloroethane

Concen: 54.623 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTD050168

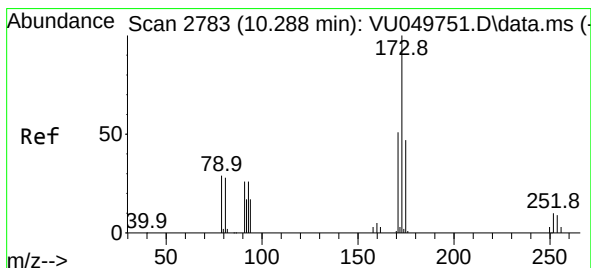
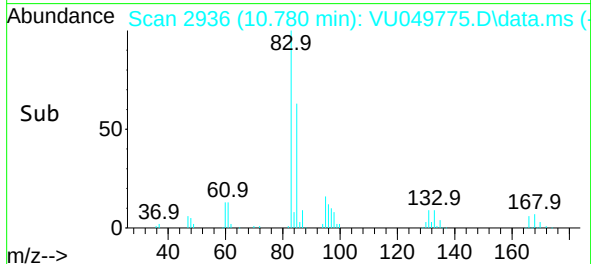
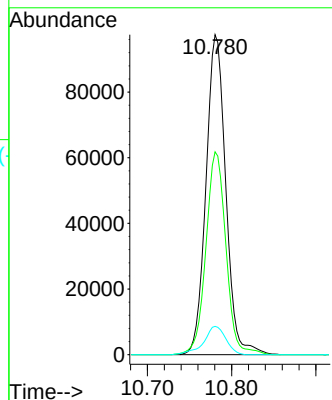
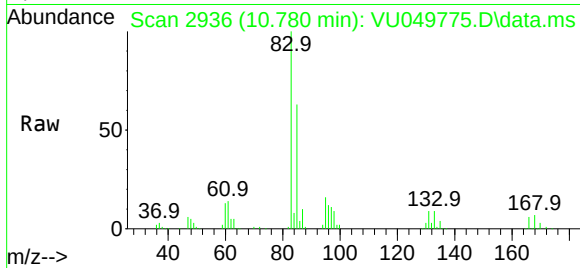
Tgt Ion: 83 Resp: 159577

Ion Ratio Lower Upper

83 100

85 63.4 45.0 83.6

131 8.8 7.0 10.6



#59

Bromoform

Concen: 52.076 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

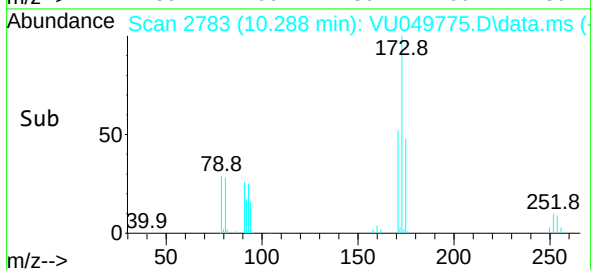
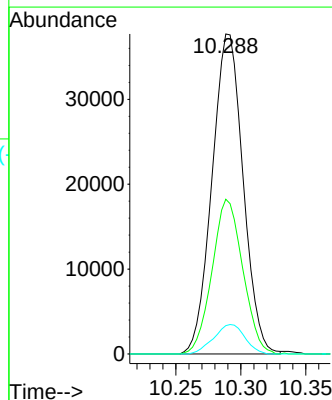
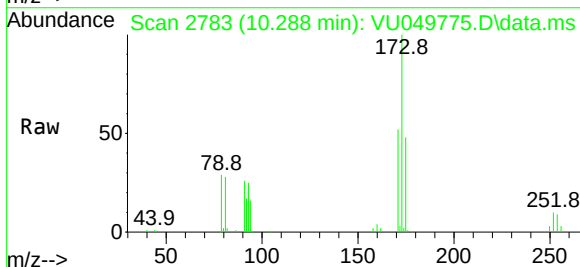
Tgt Ion: 173 Resp: 62562

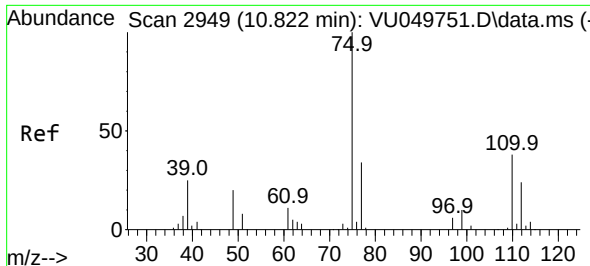
Ion Ratio Lower Upper

173 100

175 47.8 38.6 58.0

254 9.2 7.4 11.0

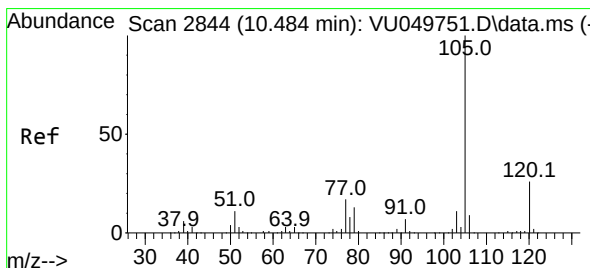
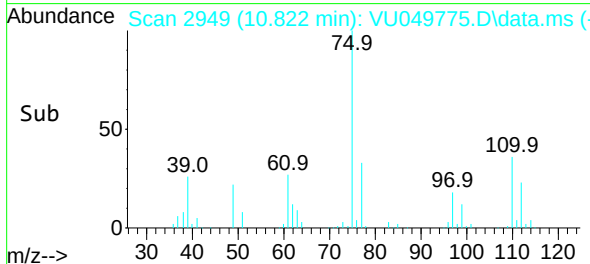
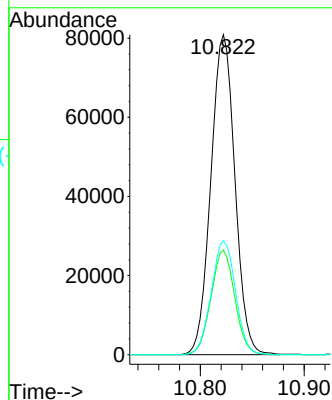
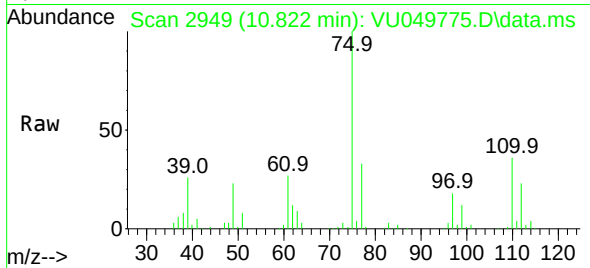




#60
1,2,3-Trichloropropane
Concen: 54.597 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

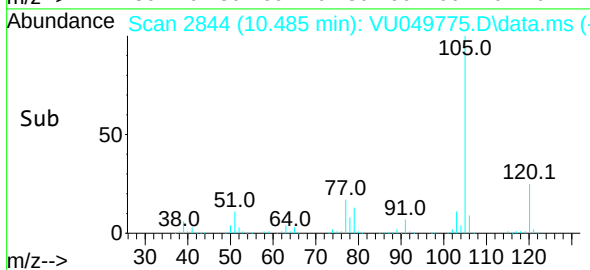
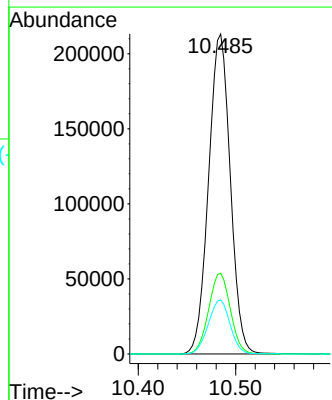
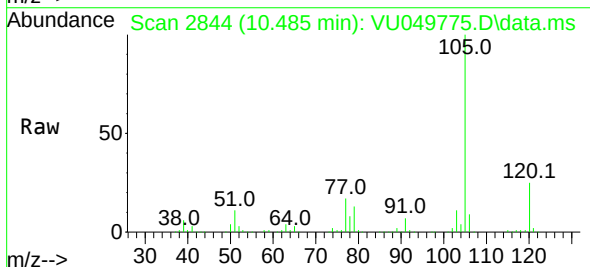
Instrument :
MSVOA_U
ClientSampleId :
VSTD050168

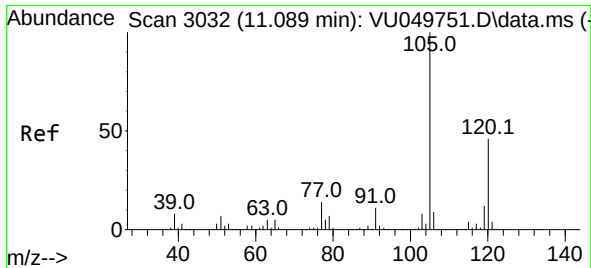
Tgt Ion: 75 Resp: 130256
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3
110 35.9 28.9 43.3



#61
Isopropylbenzene
Concen: 49.243 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049775.D
Acq: 18 Jul 2022 21:10

Tgt Ion: 105 Resp: 329343
Ion Ratio Lower Upper
105 100
120 25.3 19.9 29.9
77 17.0 13.8 20.8

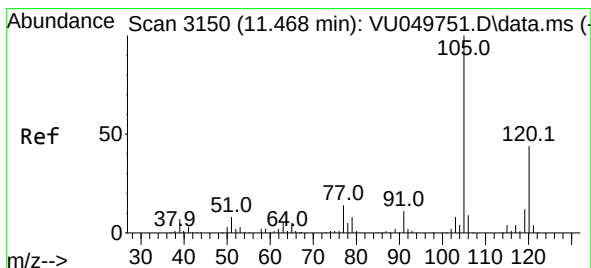
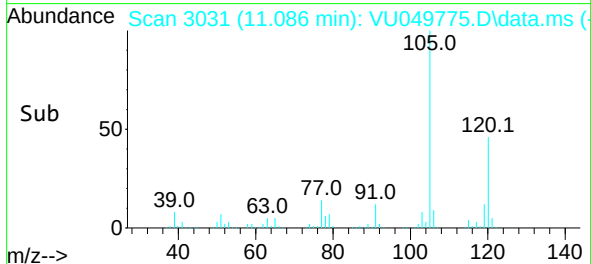
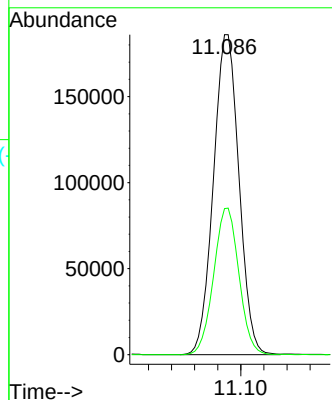
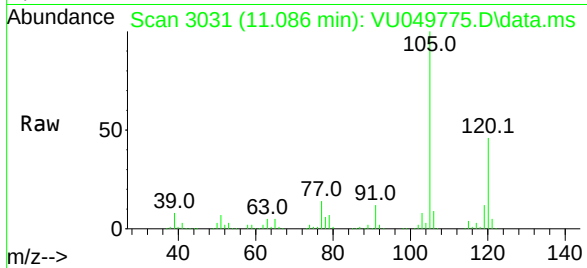




#62
 1,3,5-Trimethylbenzene
 Concen: 50.635 ug/L
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU049775.D
 Acq: 18 Jul 2022 21:10

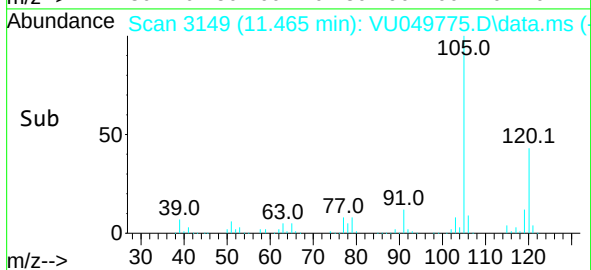
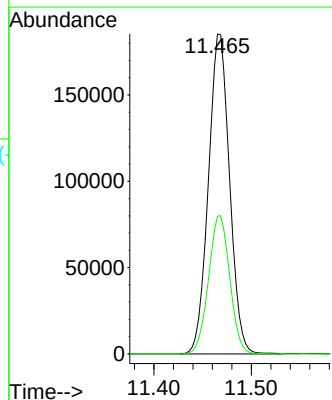
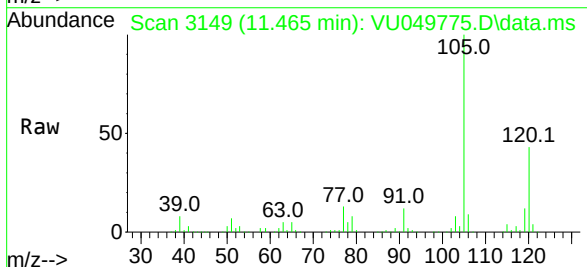
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050168

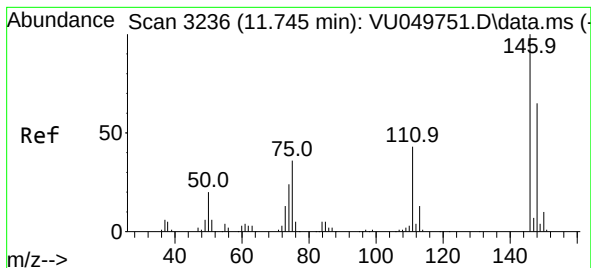
Tgt Ion:105 Resp: 285653
 Ion Ratio Lower Upper
 105 100
 120 45.2 36.8 55.2



#63
 1,2,4-Trimethylbenzene
 Concen: 49.845 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU049775.D
 Acq: 18 Jul 2022 21:10

Tgt Ion:105 Resp: 279355
 Ion Ratio Lower Upper
 105 100
 120 43.4 33.9 50.9





#64

1,3-Dichlorobenzene

Concen: 49.728 ug/L

RT: 11.745 min Scan# 3236

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTD050168

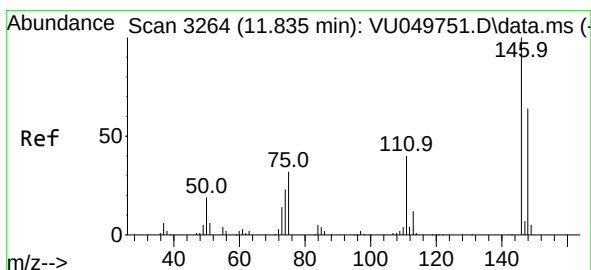
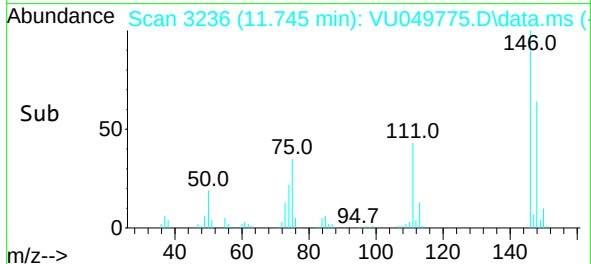
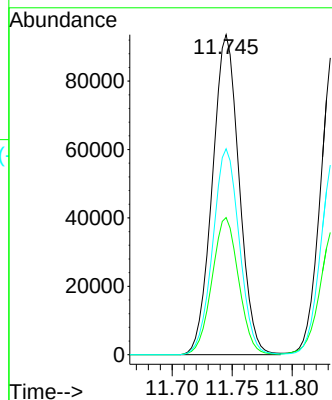
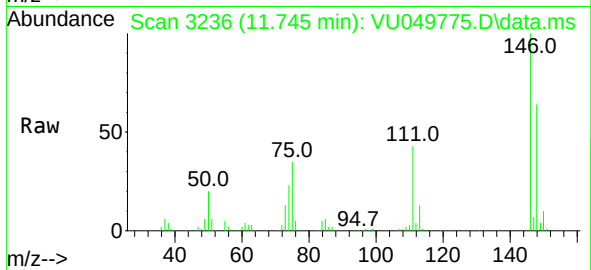
Tgt Ion:146 Resp: 145185

Ion Ratio Lower Upper

146 100

111 42.8 30.0 55.6

148 64.3 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 48.813 ug/L

RT: 11.835 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

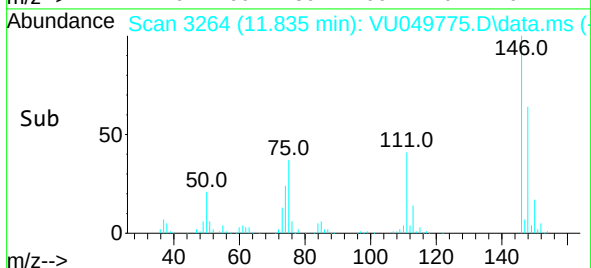
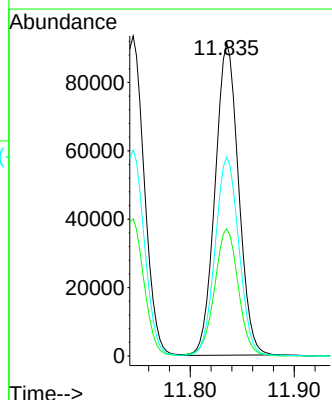
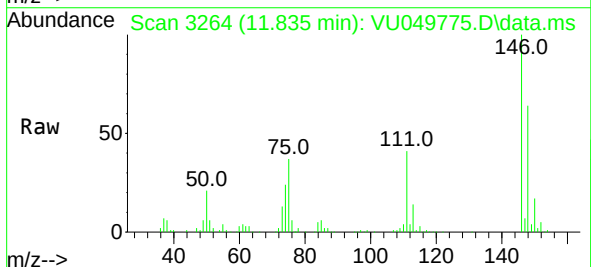
Tgt Ion:146 Resp: 143158

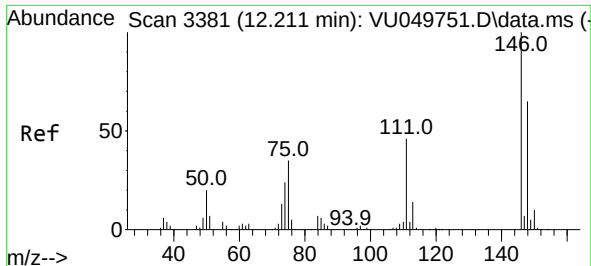
Ion Ratio Lower Upper

146 100

111 40.7 29.1 54.1

148 63.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 51.077 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTD050168

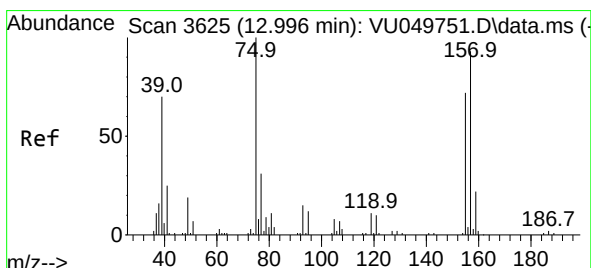
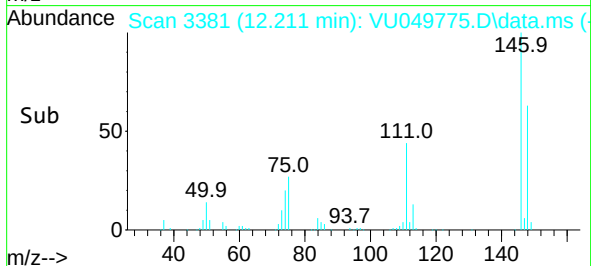
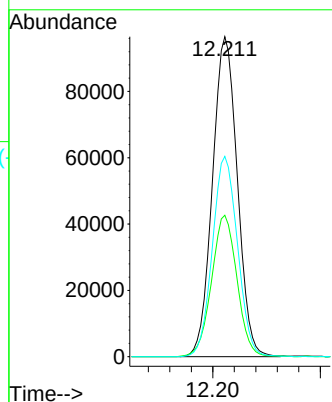
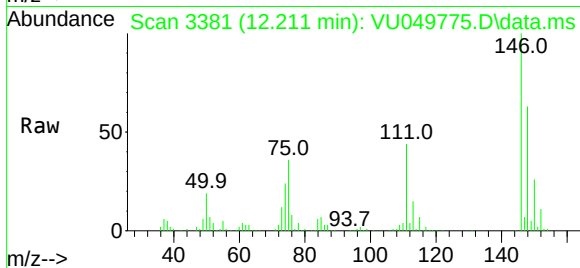
Tgt Ion:146 Resp: 155064

Ion Ratio Lower Upper

146 100

111 44.2 35.8 53.8

148 62.6 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 54.787 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

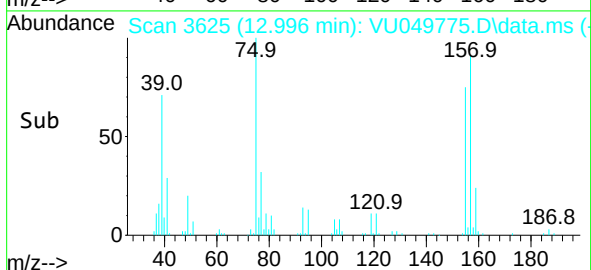
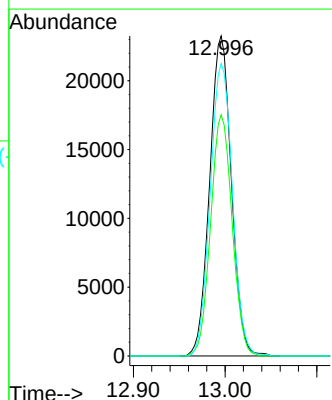
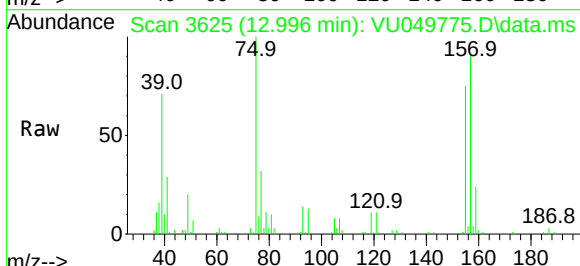
Tgt Ion: 75 Resp: 38300

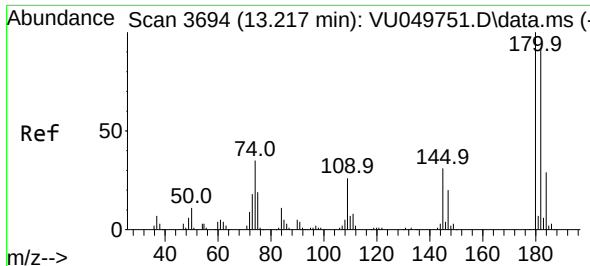
Ion Ratio Lower Upper

75 100

155 75.3 57.7 86.5

157 91.3 75.6 113.4

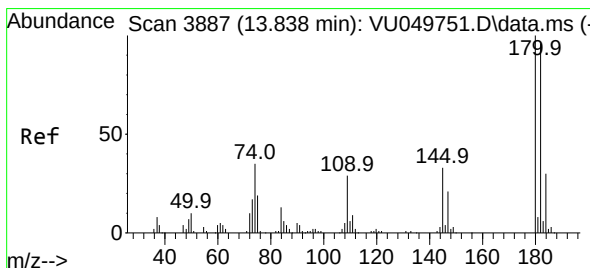
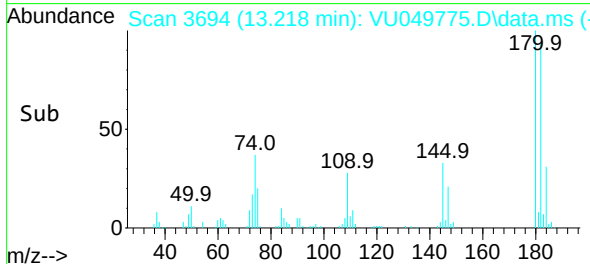
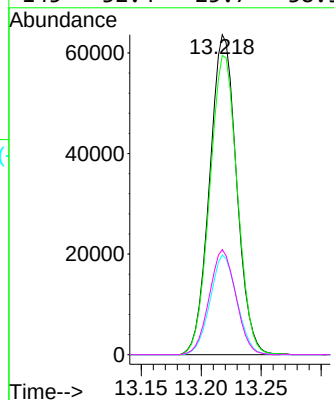
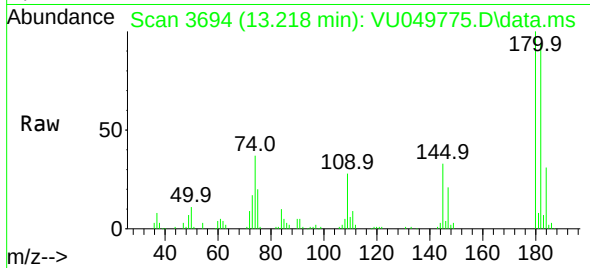




#69
 1,3,5-Trichlorobenzene
 Concen: 48.576 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU049775.D
 Acq: 18 Jul 2022 21:10

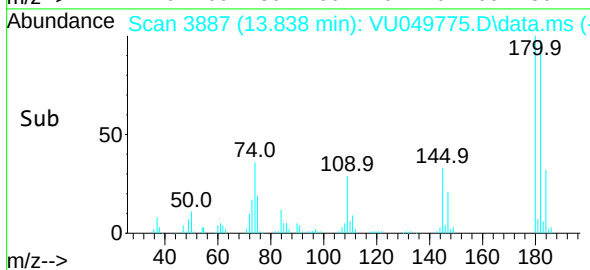
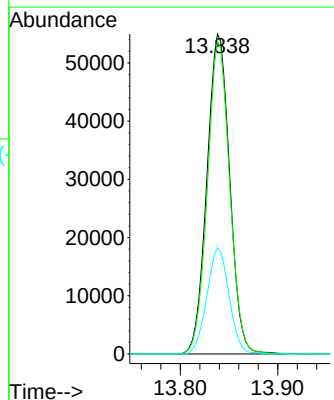
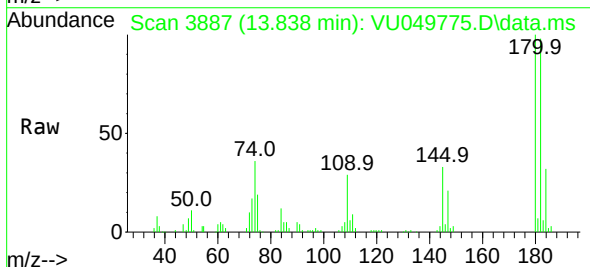
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050168

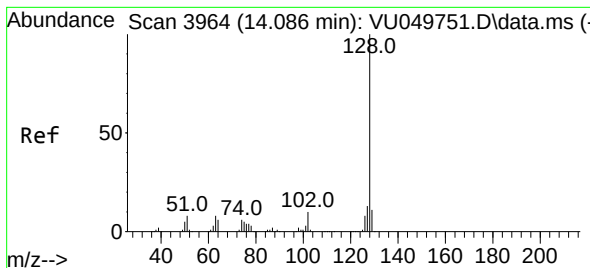
Tgt Ion:180	Resp:	99379
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.0 114.0
184	31.0	24.0 36.0
145	32.4	25.7 38.5



#70
 1,2,4-trichlorobenzene
 Concen: 47.573 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU049775.D
 Acq: 18 Jul 2022 21:10

Tgt Ion:180	Resp:	89314
Ion Ratio	Lower	Upper
180	100	
182	95.2	74.8 112.2
145	32.2	24.7 37.1





#71

Naphthalene

Concen: 50.564 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTD050168

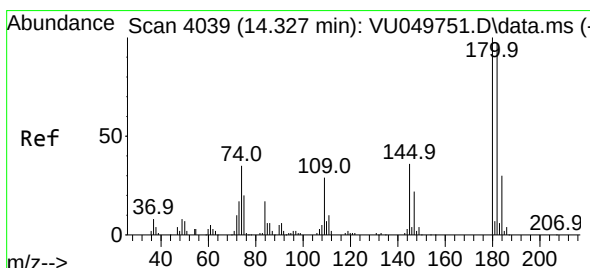
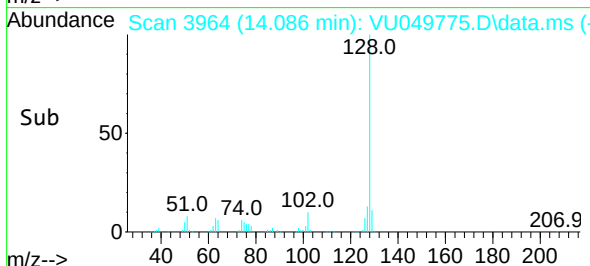
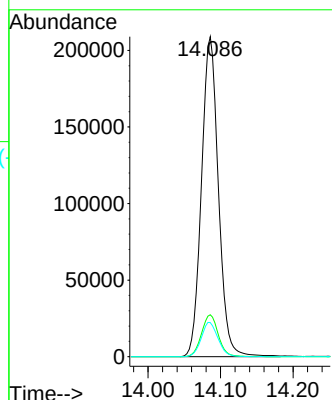
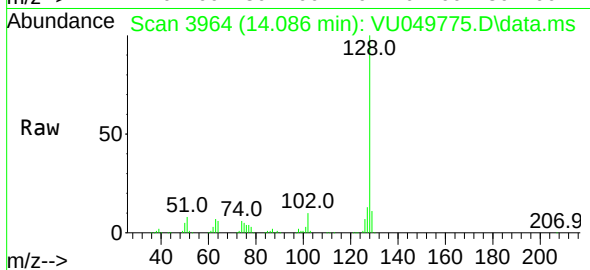
Tgt Ion:128 Resp: 339361

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.6 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 50.422 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU049775.D

Acq: 18 Jul 2022 21:10

Tgt Ion:180 Resp: 98058

Ion Ratio Lower Upper

180 100

182 94.3 76.6 115.0

145 33.0 27.1 40.7

