

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071822\New folder\
 Data File : VU049751.D
 Acq On : 18 Jul 2022 10:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050167

Quant Time: Jul 18 17:57:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	187536	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	179450	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90286	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	62690	39.619	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.240%
7) Chloroethane-d5	1.900	69	50468	44.124	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.240%
11) 1,1-Dichloroethene-d2	2.565	63	121248	43.381	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.760%
21) 2-Butanone-d5	4.620	46	164498	121.780	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.780%
24) Chloroform-d	5.063	84	147206	52.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.060%
26) 1,2-Dichloroethane-d4	5.700	65	100997	53.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.500%
32) Benzene-d6	5.726	84	255692	46.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.690	67	95026	51.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.640%
41) Toluene-d8	7.896	98	216576	45.618	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.240%
43) trans-1,3-Dichloroprop...	8.179	79	40404	52.297	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.600%
47) 2-Hexanone-d5	8.632	63	92798	112.503	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.500%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	147454	57.470	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.940%
66) 1,2-Dichlorobenzene-d4	12.192	152	85346	50.136	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	105434	46.901	ug/L	100
3) Chloromethane	1.520	50	119924	48.608	ug/L	98
5) Vinyl chloride	1.601	62	103799	46.559	ug/L	100
6) Bromomethane	1.838	94	48679	47.258	ug/L	98
8) Chloroethane	1.922	64	59942	48.536	ug/L	99
9) Trichlorofluoromethane	2.131	101	133499	48.488	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	69880	48.369	ug/L	98
12) 1,1-Dichloroethene	2.575	96	64338	47.984	ug/L	94
13) Acetone	2.626	43	122441	95.380	ug/L	99
14) Carbon disulfide	2.787	76	193946	42.894	ug/L	99
15) Methyl Acetate	2.948	43	120422	57.741	ug/L	99
16) Methylene chloride	3.041	84	88954	52.683	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	71550	48.780	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	270660	53.873	ug/L	100
19) 1,1-Dichloroethane	3.867	63	162372	53.172	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	85007	51.567	ug/L	99
22) 2-Butanone	4.700	43	188372	109.601	ug/L	100
23) Bromochloromethane	4.973	128	44529	54.136	ug/L	97
25) Chloroform	5.086	83	164835	53.831	ug/L	97

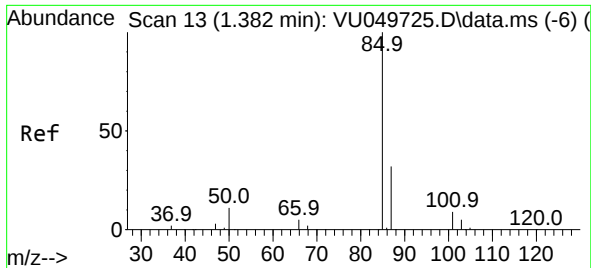
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 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	137307	52.661	ug/L	99
29) Cyclohexane	5.388	56	129323	46.170	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	135465	52.143	ug/L	99
31) Carbon tetrachloride	5.523	117	112223	52.815	ug/L	100
33) Benzene	5.774	78	346955	51.437	ug/L	100
34) Trichloroethene	6.539	95	82023	50.306	ug/L	96
35) Methylcyclohexane	6.761	83	123072	48.034	ug/L	98
37) 1,2-Dichloropropane	6.790	63	100129	53.556	ug/L	99
38) Bromodichloromethane	7.105	83	125458	54.123	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	140043	55.540	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	333190	110.084	ug/L	100
42) Toluene	7.967	91	352105	52.523	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	130635	55.178	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	88386	54.162	ug/L	99
46) Tetrachloroethene	8.552	164	56097	49.606	ug/L	98
48) 2-Hexanone	8.684	43	270233	111.727	ug/L	99
49) Dibromochloromethane	8.809	129	91672	55.852	ug/L	97
50) 1,2-Dibromoethane	8.922	107	89920	55.470	ug/L	98
51) Chlorobenzene	9.446	112	211596	52.121	ug/L	99
52) Ethylbenzene	9.568	91	364476	51.521	ug/L	99
53) m,p-Xylene	9.693	106	134389	52.243	ug/L	100
54) o-Xylene	10.099	106	136248	52.602	ug/L	96
55) Styrene	10.111	104	231043	54.051	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	159009	54.433	ug/L	99
59) Bromoform	10.288	173	67160	55.460	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	128395	53.390	ug/L	99
61) Isopropylbenzene	10.484	105	346384	51.380	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	298733	52.533	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	294311	52.097	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	150401	51.106	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	152065	51.439	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	157425	51.443	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	40330	57.234	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	106273	51.534	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	91441	48.319	ug/L	97
71) Naphthalene	14.086	128	339225	50.143	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	100490	51.263	ug/L	99

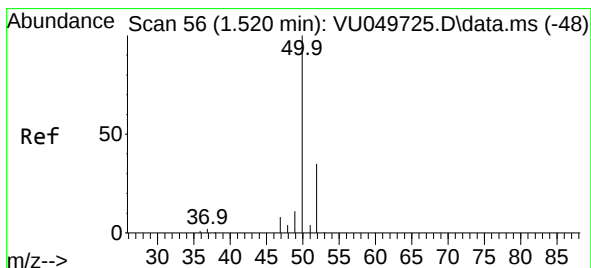
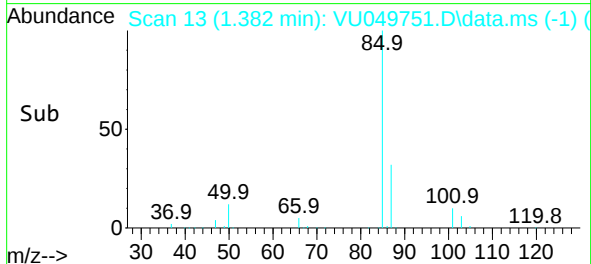
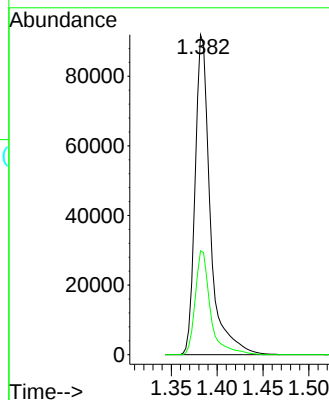
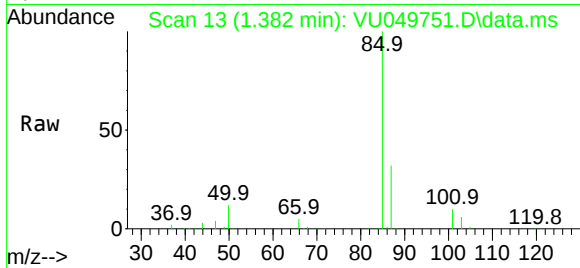
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#2
Dichlorodifluoromethane
Concen: 46.901 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

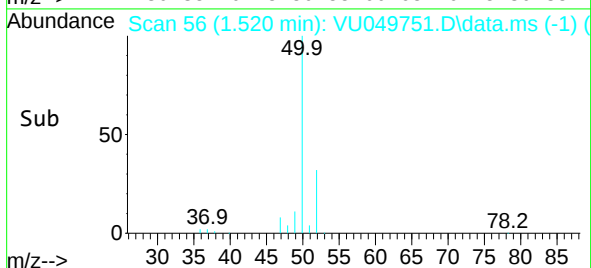
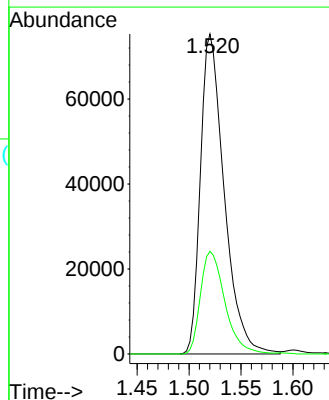
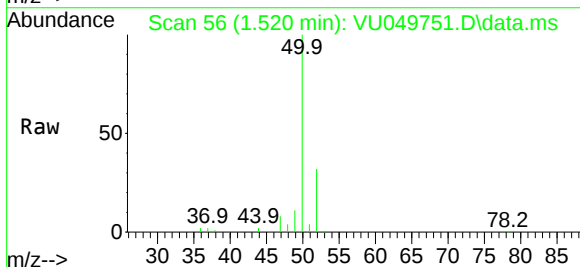
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MSVOA_U
ClientSampleId :
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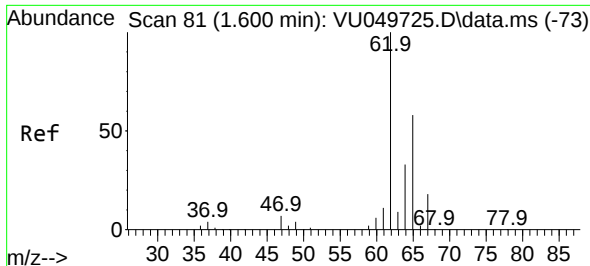
Tgt Ion: 85 Resp: 105434
Ion Ratio Lower Upper
85 100
87 32.6 26.3 39.5



#3
Chloromethane
Concen: 48.608 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

Tgt Ion: 50 Resp: 119924
Ion Ratio Lower Upper
50 100
52 32.0 23.2 43.0

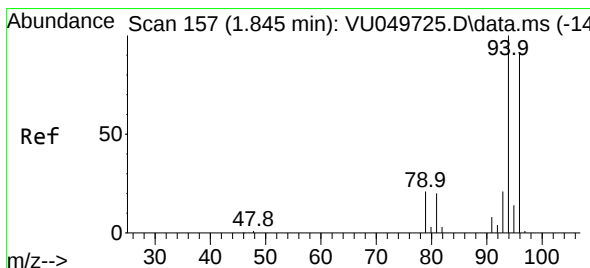
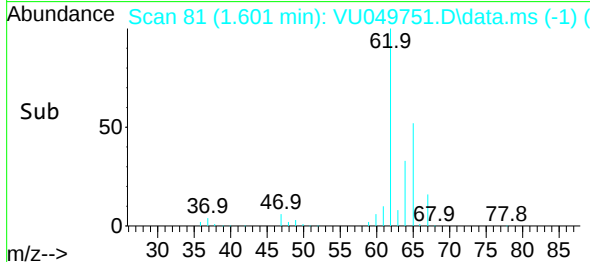
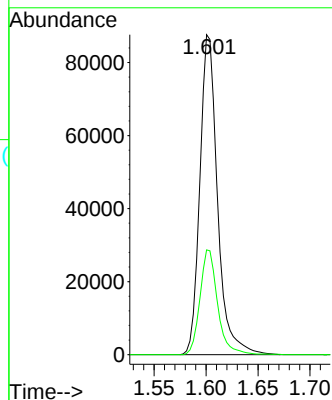
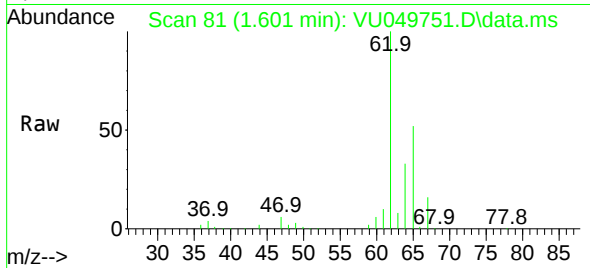




#5
 Vinyl chloride
 Concen: 46.559 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049751.D
 Acq: 18 Jul 2022 10:23

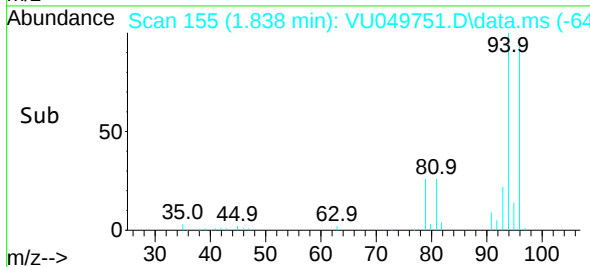
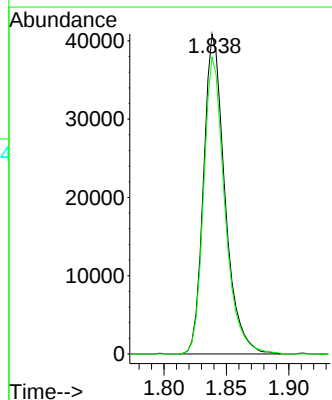
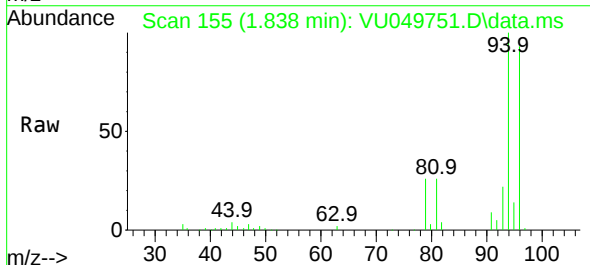
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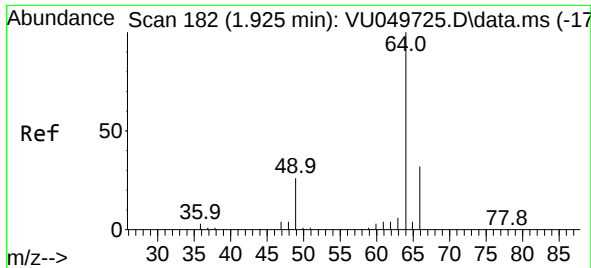
Tgt Ion: 62 Resp: 103799
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.6



#6
 Bromomethane
 Concen: 47.258 ug/L
 RT: 1.838 min Scan# 155
 Delta R.T. -0.006 min
 Lab File: VU049751.D
 Acq: 18 Jul 2022 10:23

Tgt Ion: 94 Resp: 48679
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.1 122.7

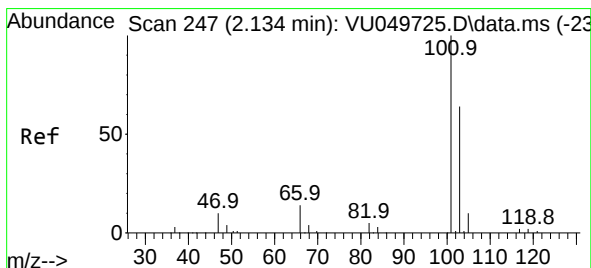
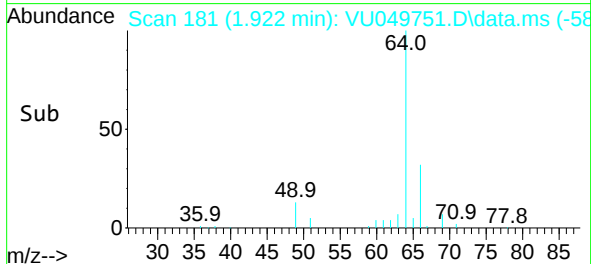
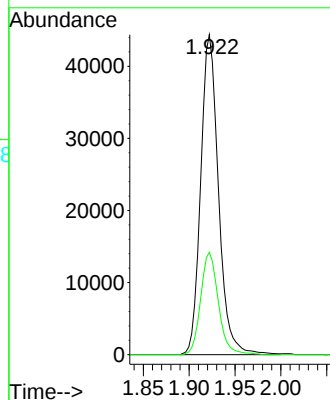
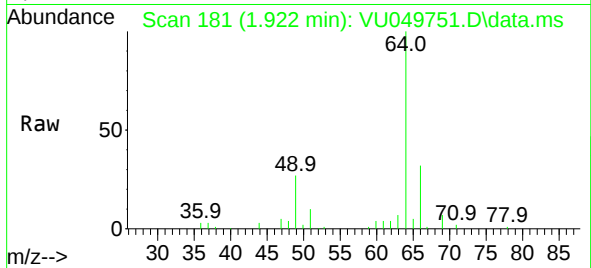




#8
Chloroethane
Concen: 48.536 ug/L
RT: 1.922 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

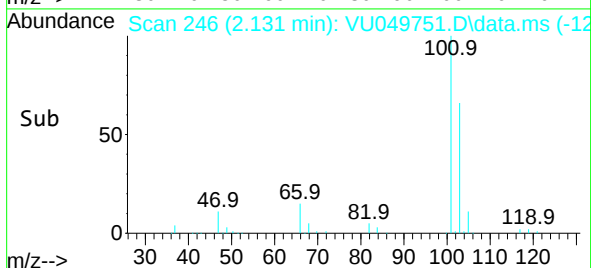
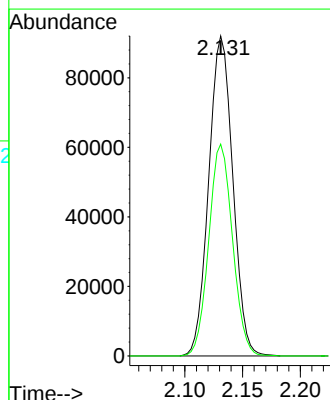
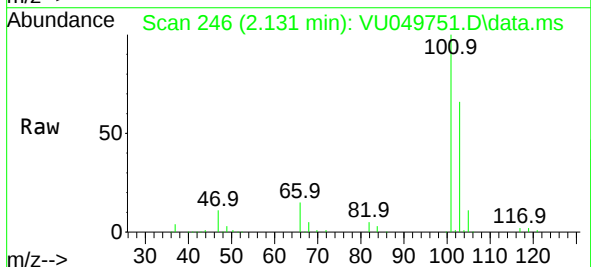
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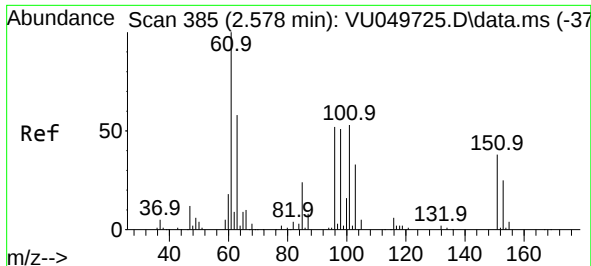
Tgt Ion: 64 Resp: 59942
Ion Ratio Lower Upper
64 100
66 32.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 48.488 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

Tgt Ion:101 Resp: 133499
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

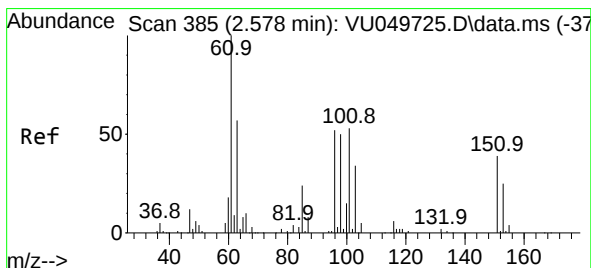
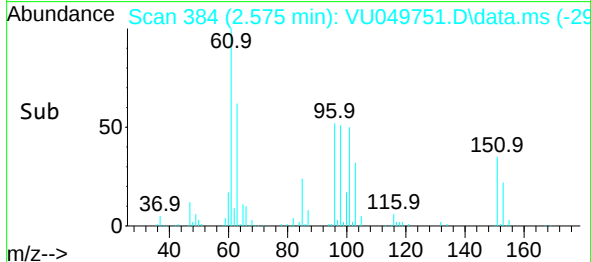
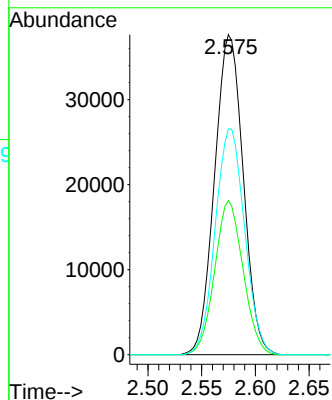
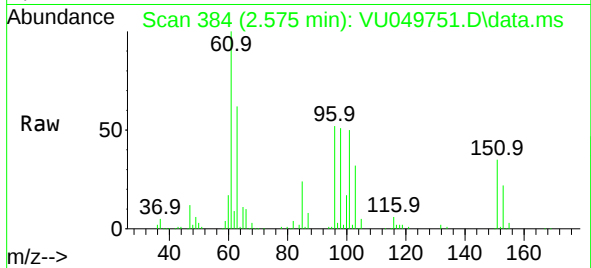




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.369 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049751.D
 Acq: 18 Jul 2022 10:23

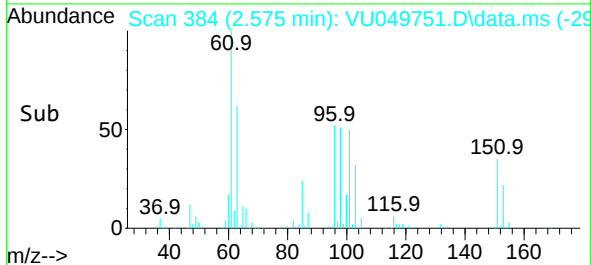
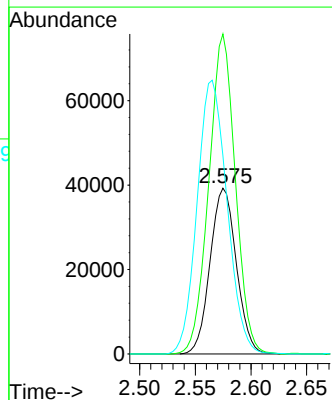
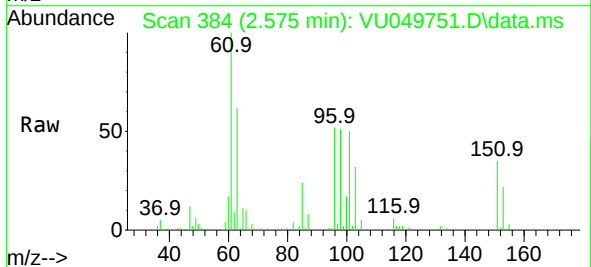
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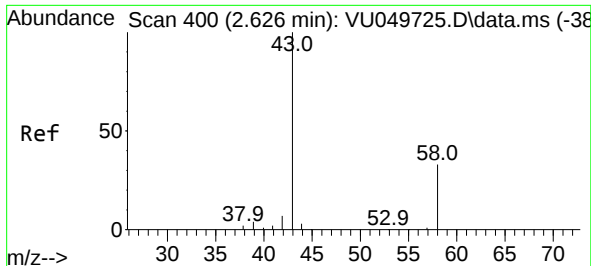
Tgt Ion:101 Resp: 69880
 Ion Ratio Lower Upper
 101 100
 85 47.7 37.3 55.9
 151 72.6 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 47.984 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049751.D
 Acq: 18 Jul 2022 10:23

Tgt Ion: 96 Resp: 64338
 Ion Ratio Lower Upper
 96 100
 61 193.0 129.6 240.6
 63 119.6 79.0 146.6





#13

Acetone

Concen: 95.380 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

Instrument :

MSVOA_U

ClientSampleId :

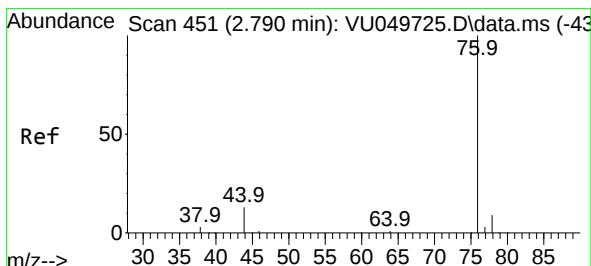
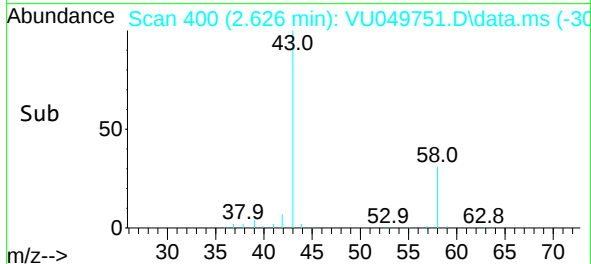
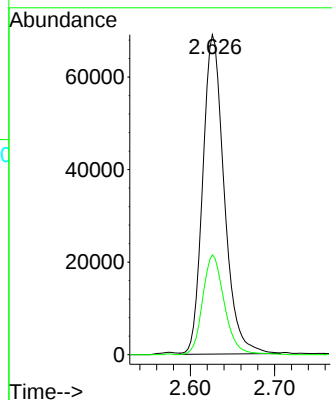
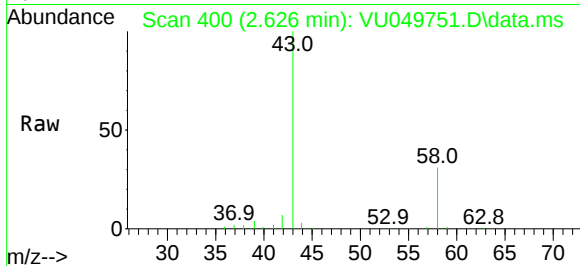
VSTD050167

Tgt Ion: 43 Resp: 122441

Ion Ratio Lower Upper

43 100

58 31.5 0.0 61.4



#14

Carbon disulfide

Concen: 42.894 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU049751.D

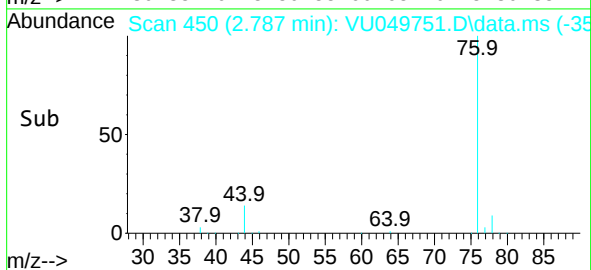
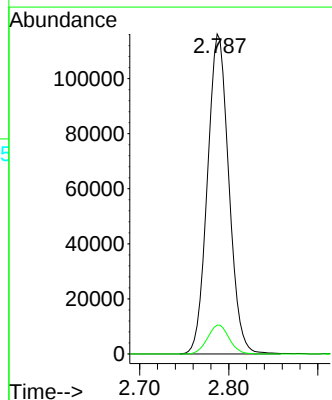
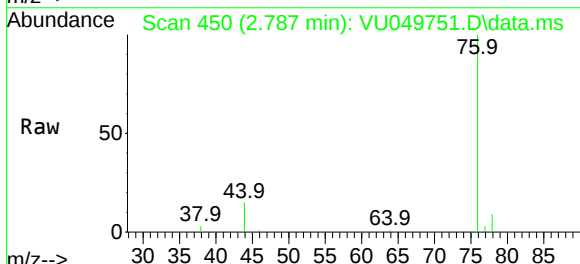
Acq: 18 Jul 2022 10:23

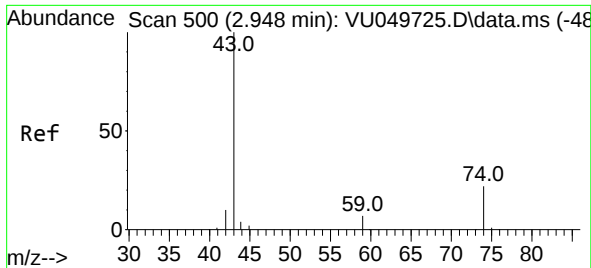
Tgt Ion: 76 Resp: 193946

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4

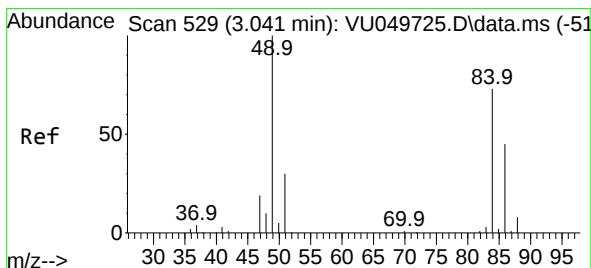
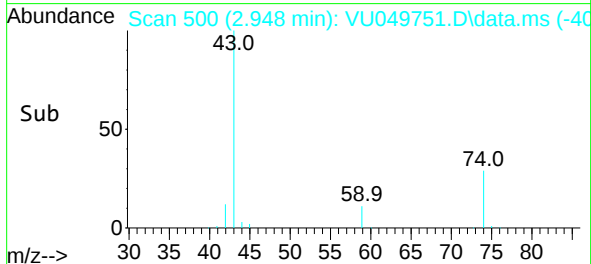
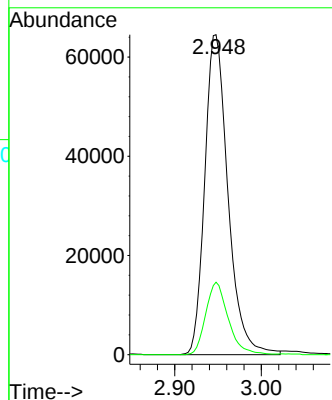
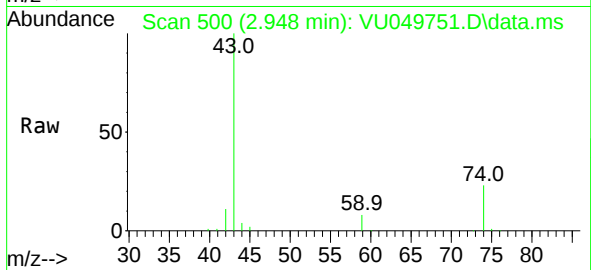




#15
Methyl Acetate
Concen: 57.741 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

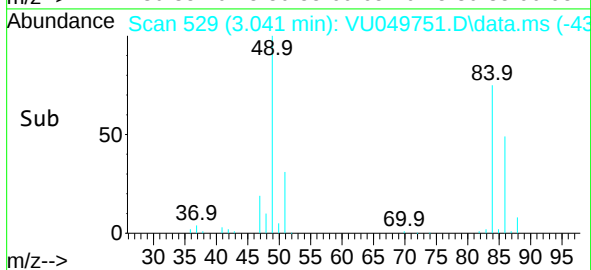
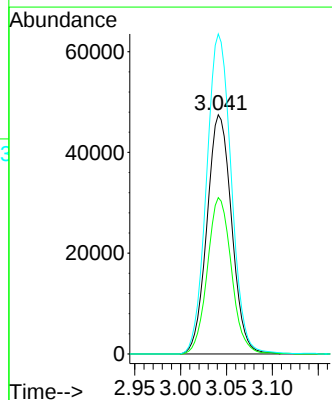
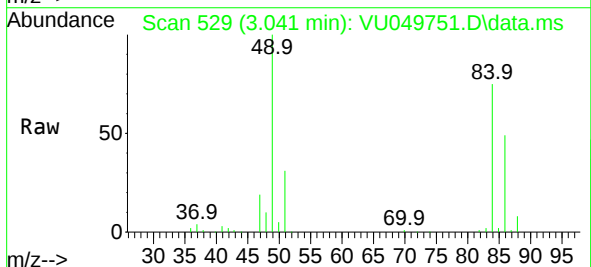
Instrument :
MSVOA_U
ClientSampleId :
VSTD050167

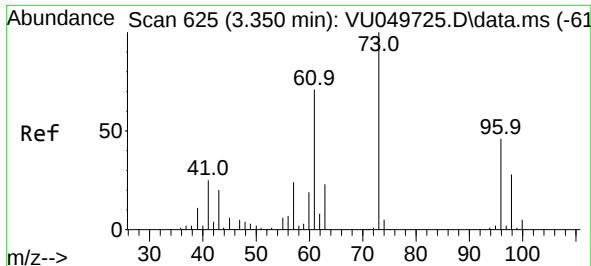
Tgt Ion: 43 Resp: 120422
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0



#16
Methylene chloride
Concen: 52.683 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

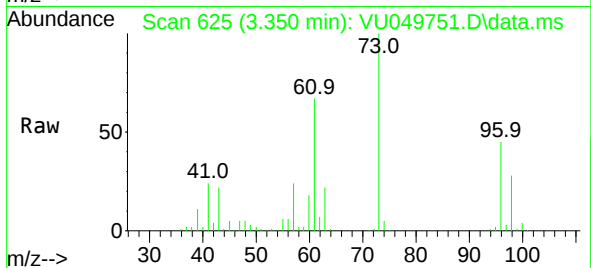
Tgt Ion: 84 Resp: 88954
Ion Ratio Lower Upper
84 100
86 65.4 45.6 84.6
49 133.8 94.4 175.4





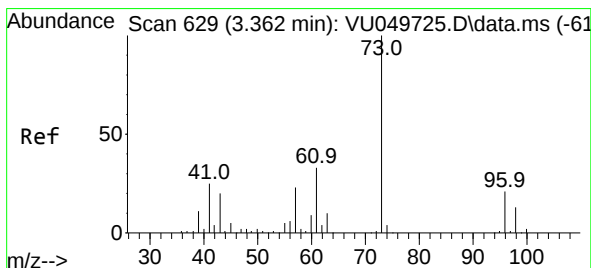
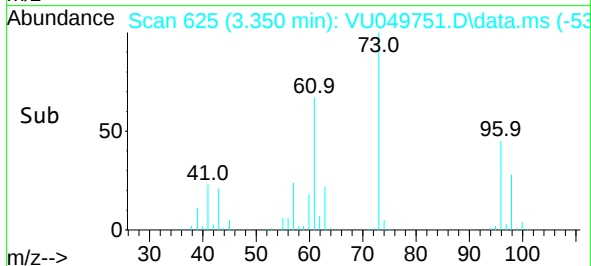
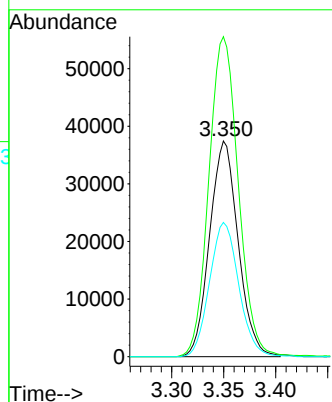
#17
 trans-1,2-Dichloroethene
 Concen: 48.780 ug/L
 RT: 3.350 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VU049751.D
 Acq: 18 Jul 2022 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050167



Tgt Ion: 96 Resp: 71550

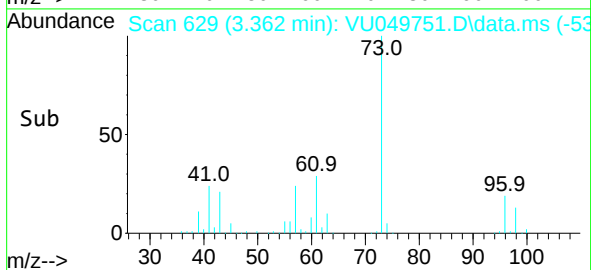
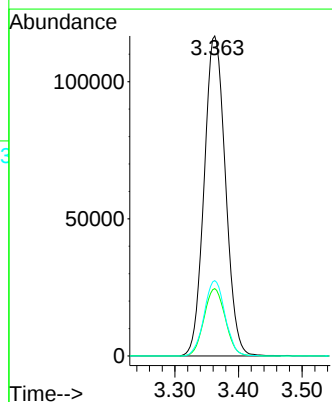
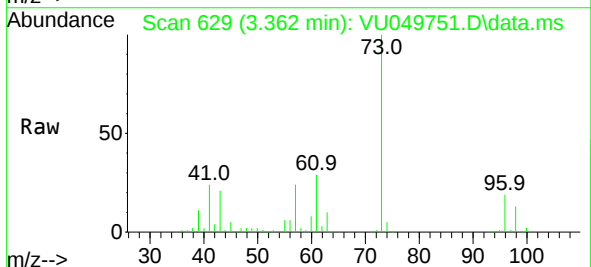
Ion	Ratio	Lower	Upper
96	100		
61	148.4	107.6	199.8
98	62.3	44.6	82.8

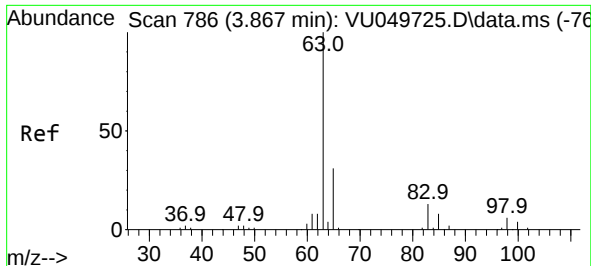


#18
 Methyl tert-butyl Ether
 Concen: 53.873 ug/L
 RT: 3.362 min Scan# 629
 Delta R.T. 0.000 min
 Lab File: VU049751.D
 Acq: 18 Jul 2022 10:23

Tgt Ion: 73 Resp: 270660

Ion	Ratio	Lower	Upper
73	100		
43	21.1	17.0	25.4
57	23.2	18.5	27.7

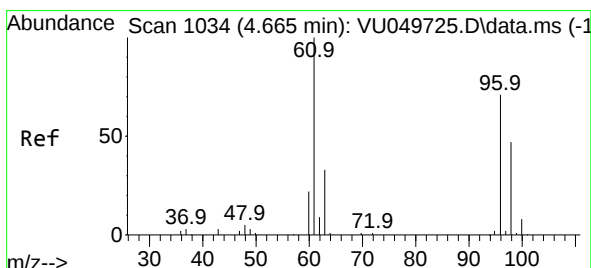
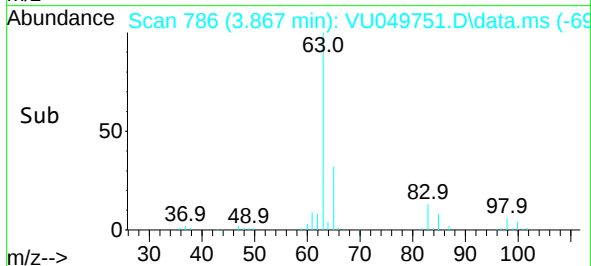
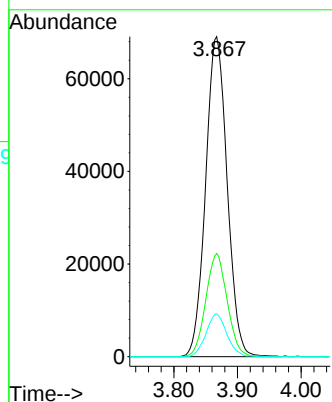
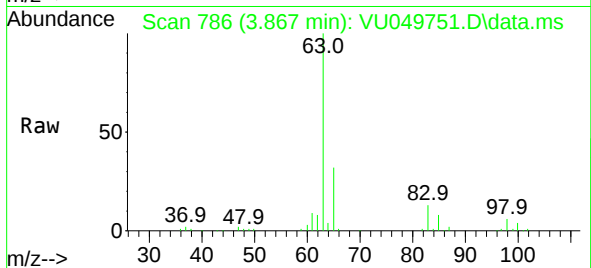




#19
1,1-Dichloroethane
Concen: 53.172 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

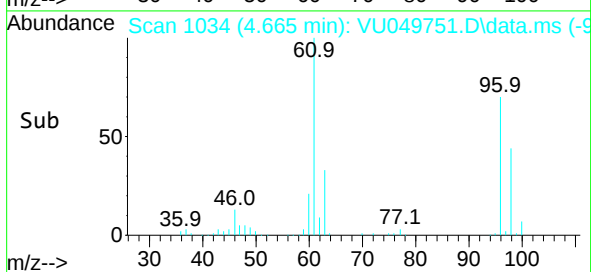
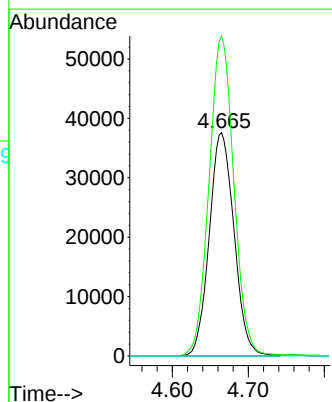
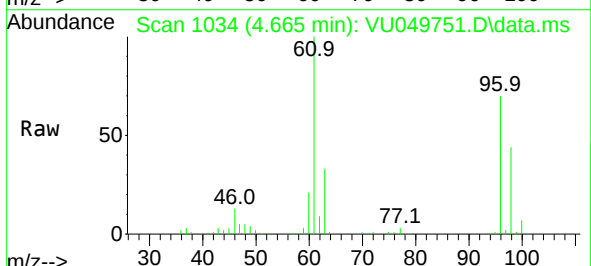
Instrument :
MSVOA_U
ClientSampleId :
VSTD050167

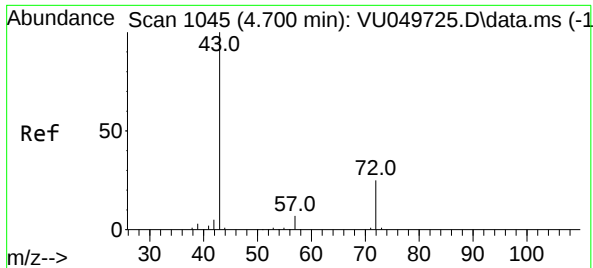
Tgt Ion: 63 Resp: 162372
Ion Ratio Lower Upper
63 100
65 32.3 22.6 42.0
83 13.4 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 51.567 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

Tgt Ion: 96 Resp: 85007
Ion Ratio Lower Upper
96 100
61 143.2 101.1 187.7
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 109.601 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

Instrument :

MSVOA_U

ClientSampleId :

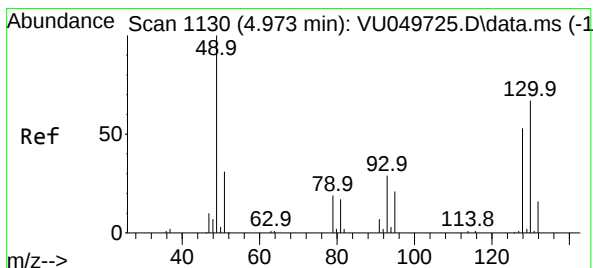
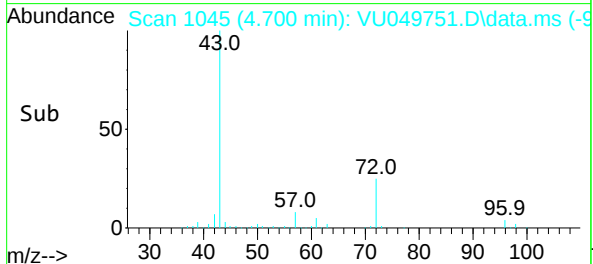
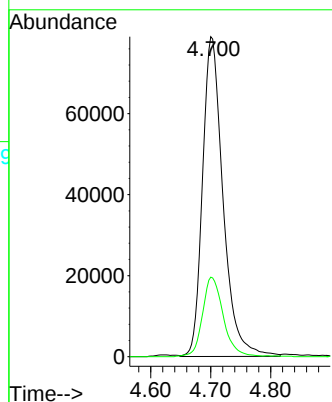
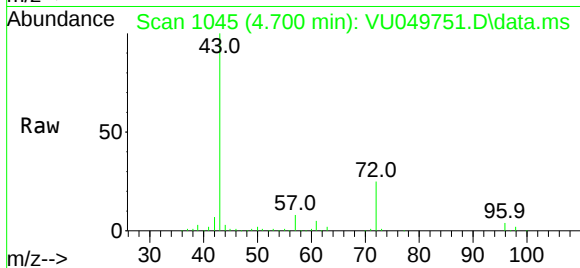
VSTD050167

Tgt Ion: 43 Resp: 188372

Ion Ratio Lower Upper

43 100

72 25.2 12.7 38.0



#23

Bromochloromethane

Concen: 54.136 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

Tgt Ion:128 Resp: 44529

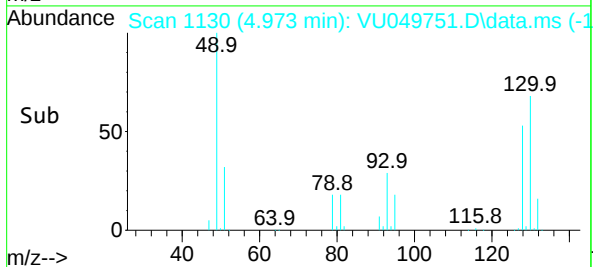
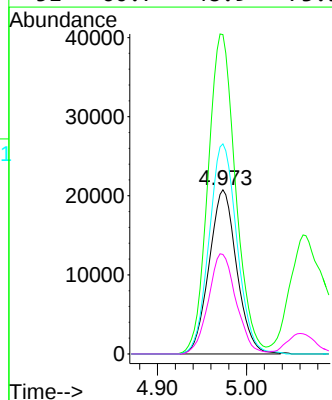
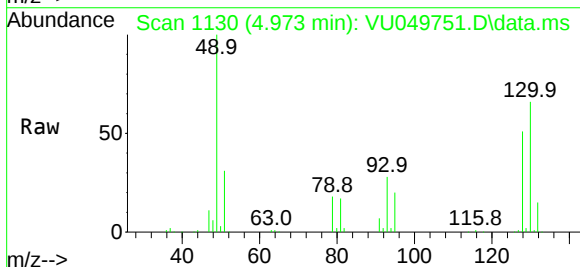
Ion Ratio Lower Upper

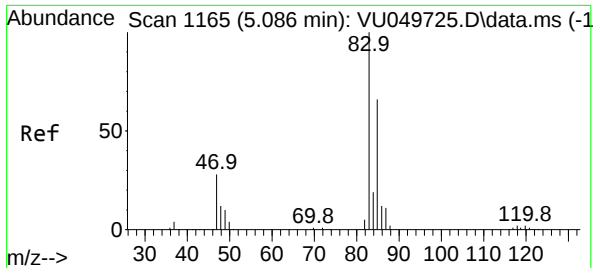
128 100

49 194.6 140.9 261.7

130 128.0 90.0 167.2

51 60.7 48.9 73.3

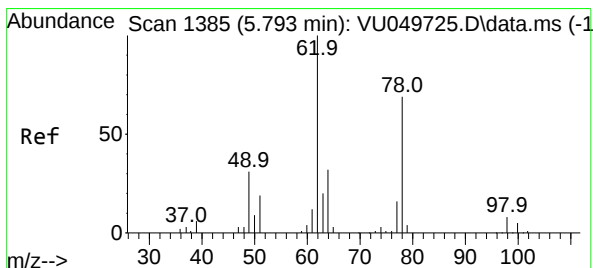
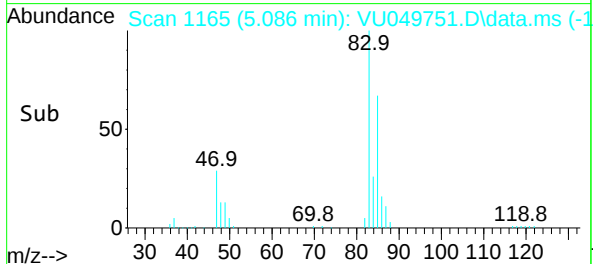
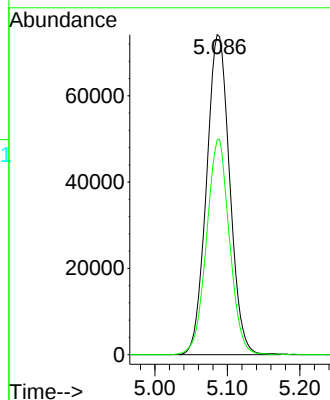
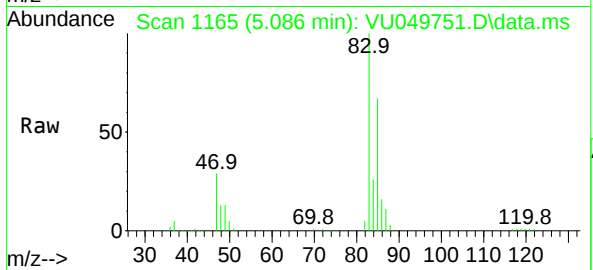




#25
Chloroform
Concen: 53.831 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

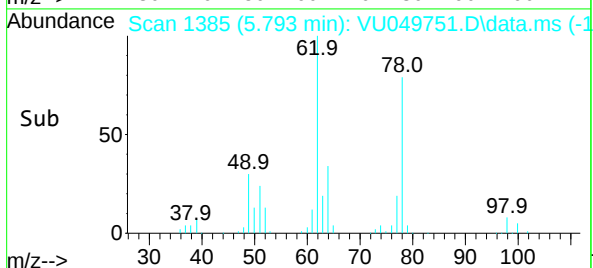
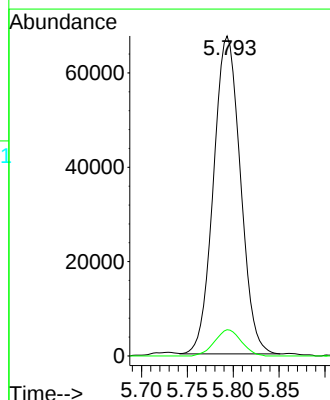
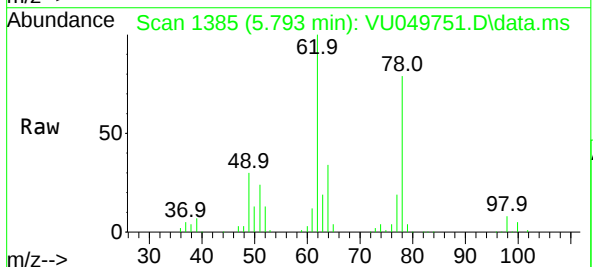
Instrument :
MSVOA_U
ClientSampleId :
VSTD050167

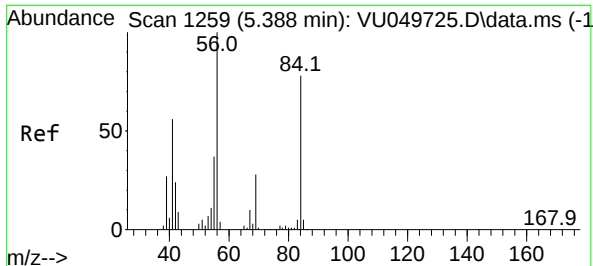
Tgt Ion: 83 Resp: 164835
Ion Ratio Lower Upper
83 100
85 67.2 45.2 84.0



#27
1,2-Dichloroethane
Concen: 52.661 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

Tgt Ion: 62 Resp: 137307
Ion Ratio Lower Upper
62 100
98 8.2 6.7 10.1





#29

Cyclohexane

Concen: 46.170 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD050167

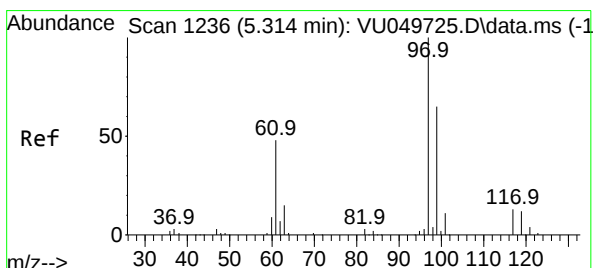
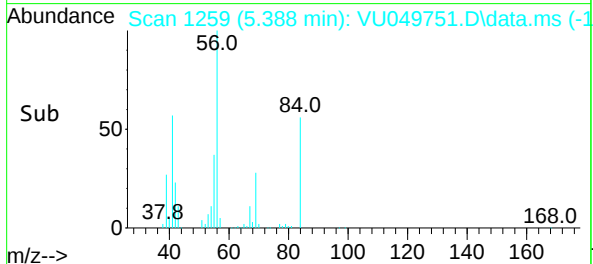
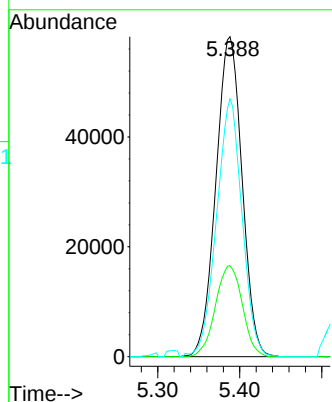
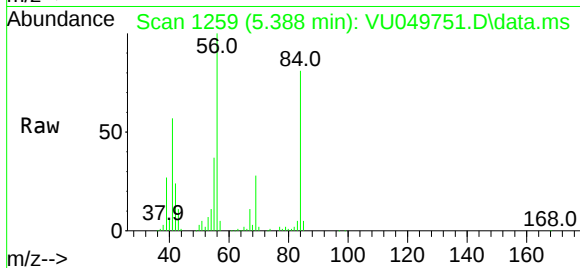
Tgt Ion: 56 Resp: 129323

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.2

84 78.4 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 52.143 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

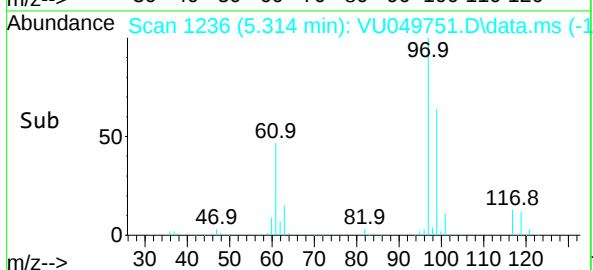
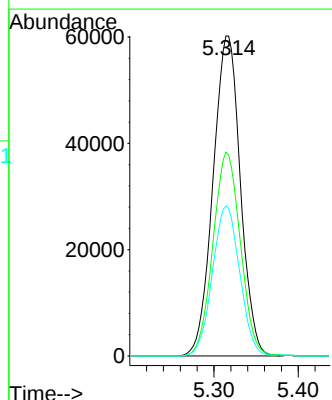
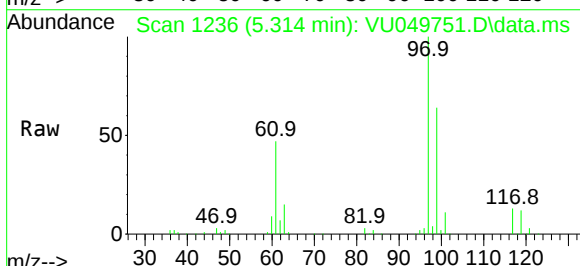
Tgt Ion: 97 Resp: 135465

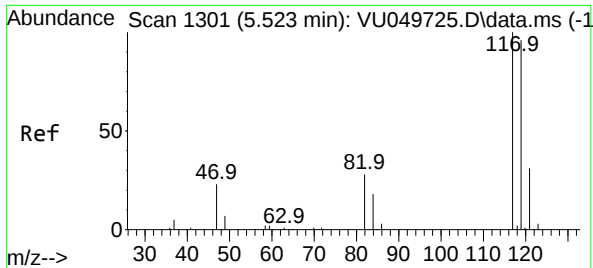
Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

61 46.8 38.2 57.2

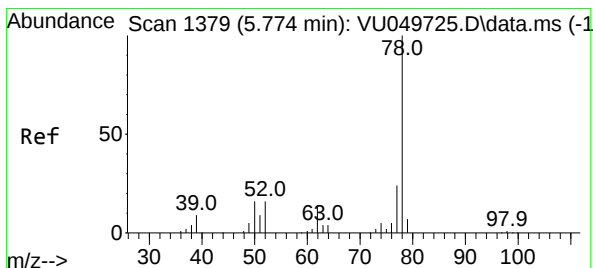
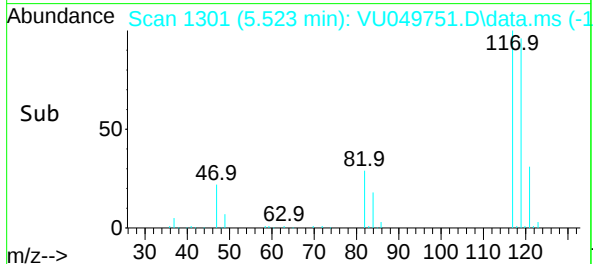
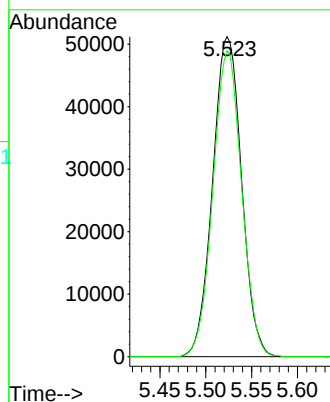
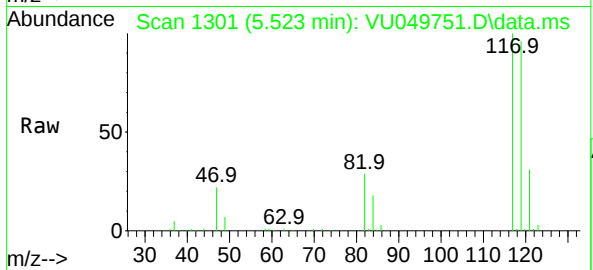




#31
Carbon tetrachloride
Concen: 52.815 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

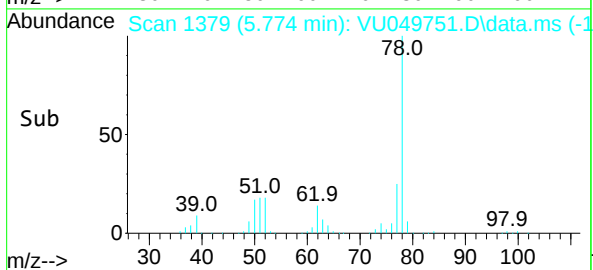
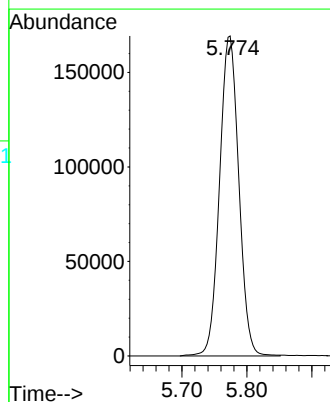
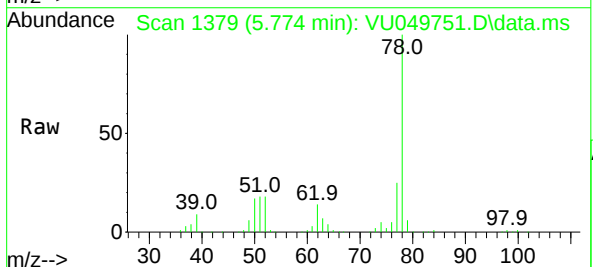
Instrument :
MSVOA_U
ClientSampleId :
VSTD050167

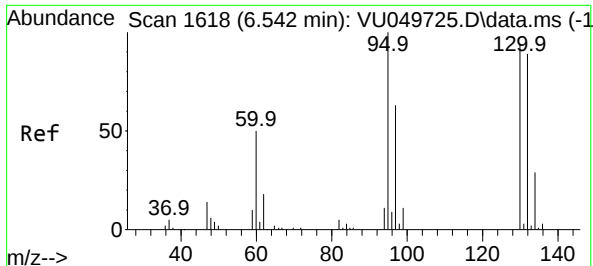
Tgt Ion:117 Resp: 112223
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.8



#33
Benzene
Concen: 51.437 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

Tgt Ion: 78 Resp: 346955

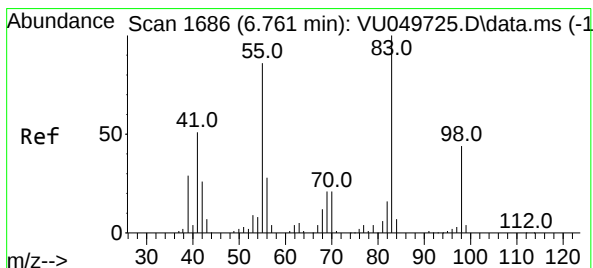
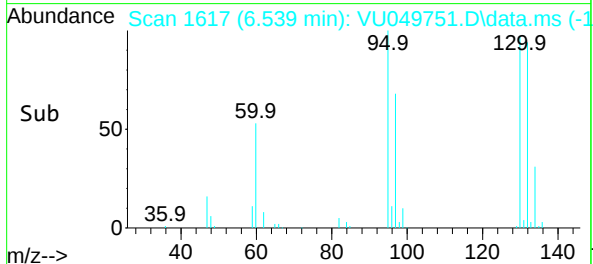
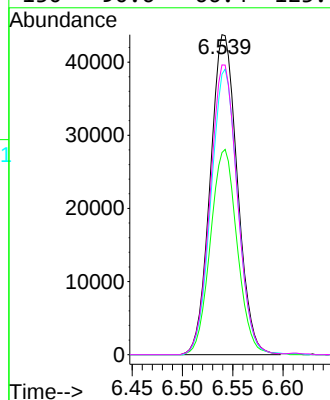
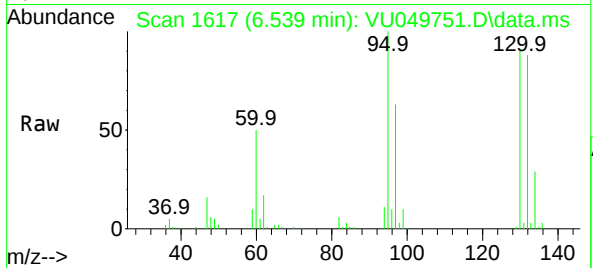




#34
Trichloroethene
Concen: 50.306 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

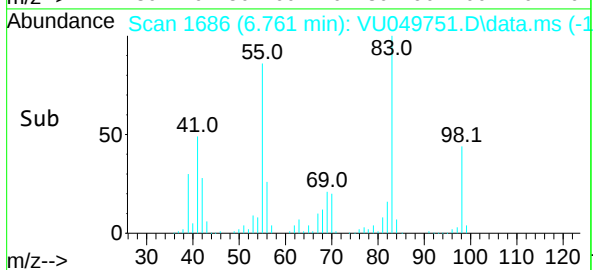
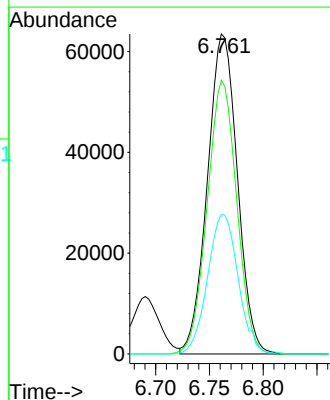
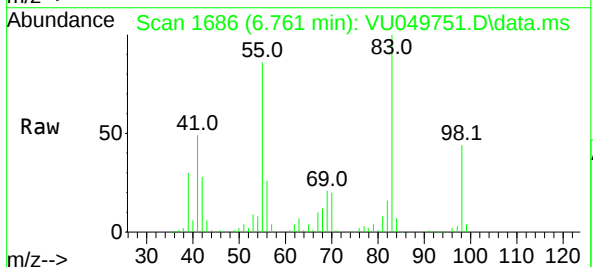
Instrument :
MSVOA_U
ClientSampleId :
VSTD050167

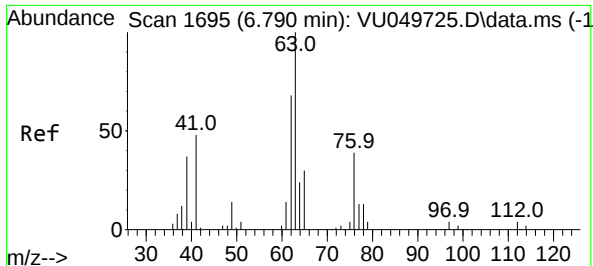
Tgt Ion: 95 Resp: 82023
Ion Ratio Lower Upper
95 100
97 63.2 46.9 87.1
132 87.6 62.7 116.5
130 90.6 66.4 123.4



#35
Methylcyclohexane
Concen: 48.034 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

Tgt Ion: 83 Resp: 123072
Ion Ratio Lower Upper
83 100
55 84.3 66.0 99.0
98 44.4 34.6 51.8

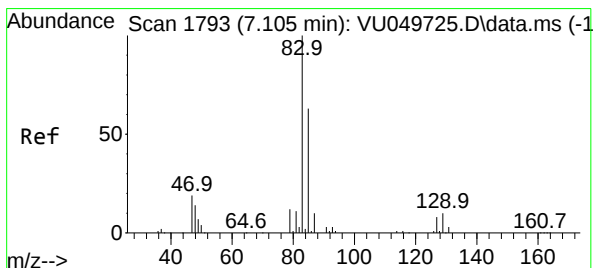
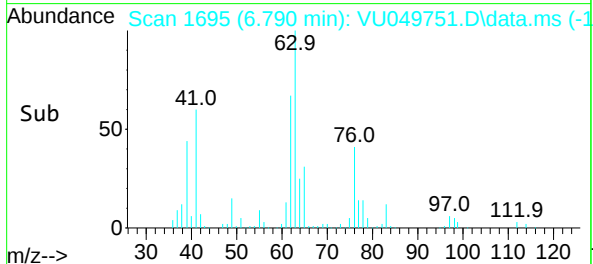
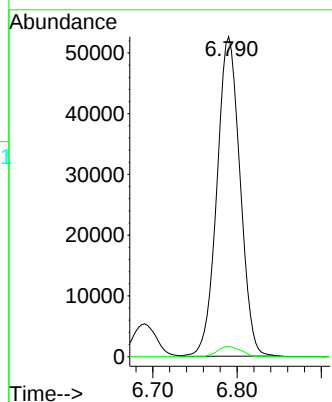
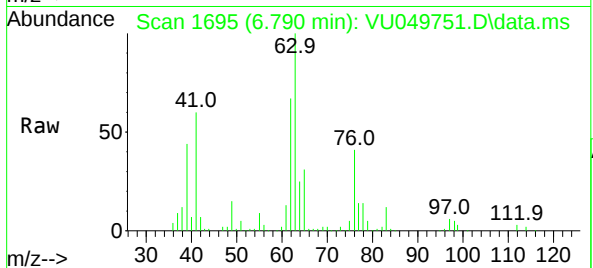




#37
1,2-Dichloropropane
Concen: 53.556 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

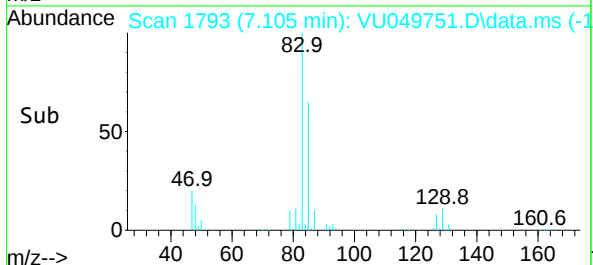
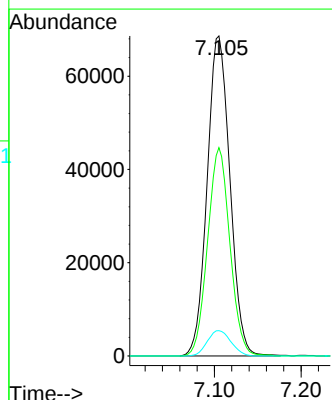
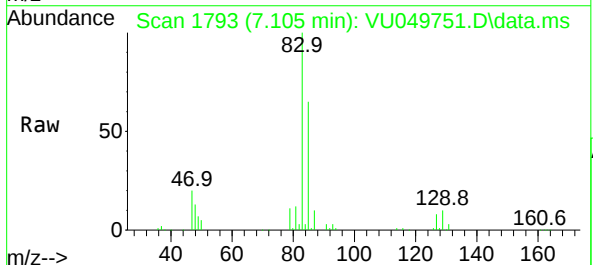
Instrument :
MSVOA_U
ClientSampleId :
VSTD050167

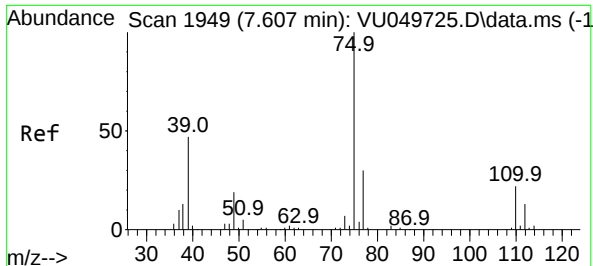
Tgt Ion: 63 Resp: 100129
Ion Ratio Lower Upper
63 100
112 3.2 2.8 4.2



#38
Bromodichloromethane
Concen: 54.123 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

Tgt Ion: 83 Resp: 125458
Ion Ratio Lower Upper
83 100
85 65.1 45.4 84.2
127 7.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 55.540 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

Instrument :

MSVOA_U

ClientSampleId :

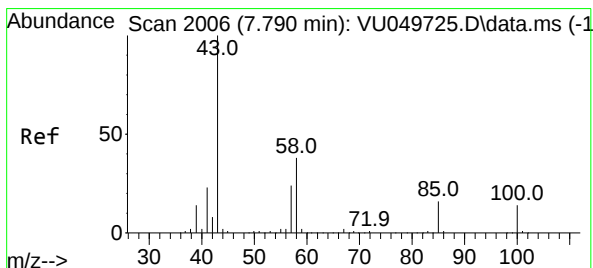
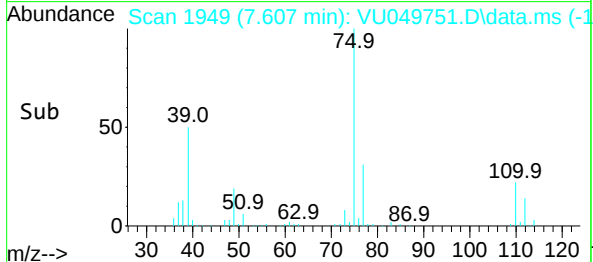
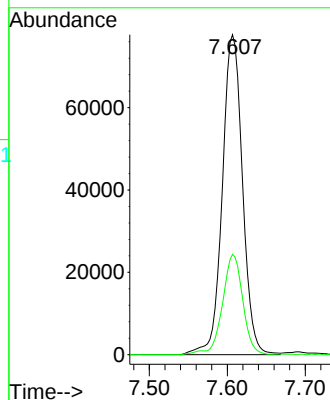
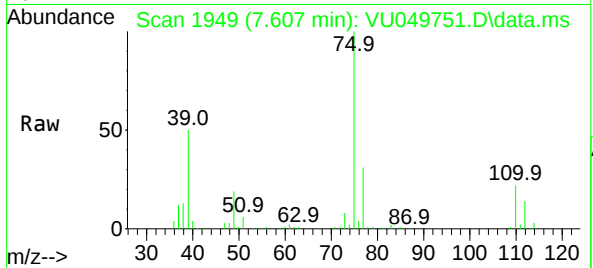
VSTD050167

Tgt Ion: 75 Resp: 140043

Ion Ratio Lower Upper

75 100

77 31.4 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 110.084 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

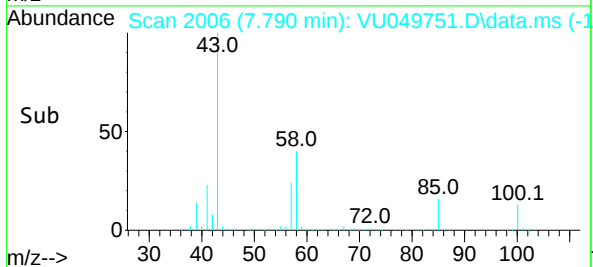
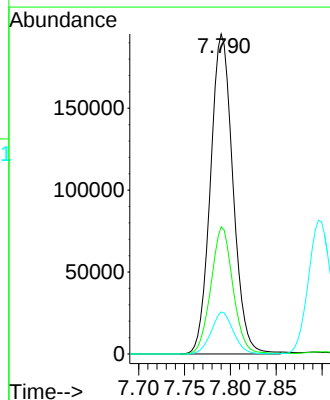
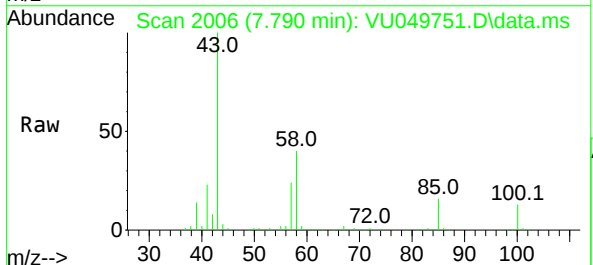
Tgt Ion: 43 Resp: 333190

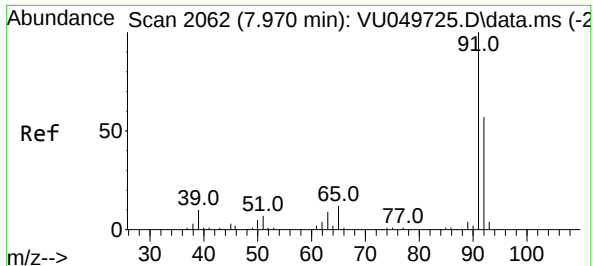
Ion Ratio Lower Upper

43 100

58 38.9 31.4 47.0

100 12.9 10.3 15.5





#42

Toluene

Concen: 52.523 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

Instrument :

MSVOA_U

ClientSampleId :

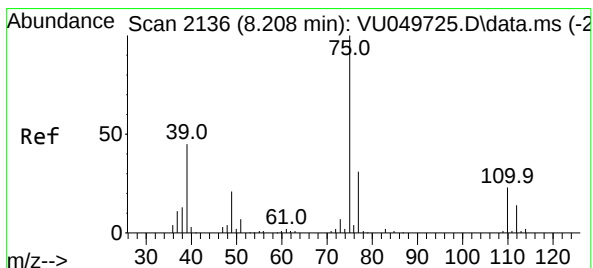
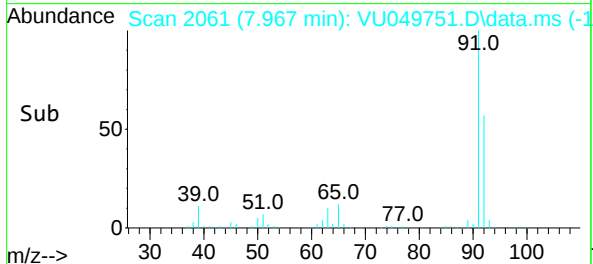
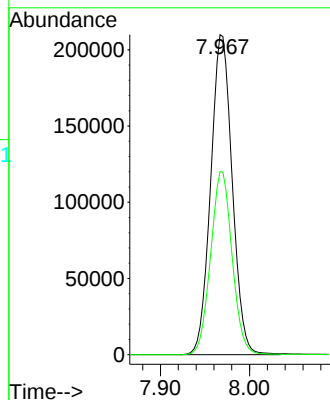
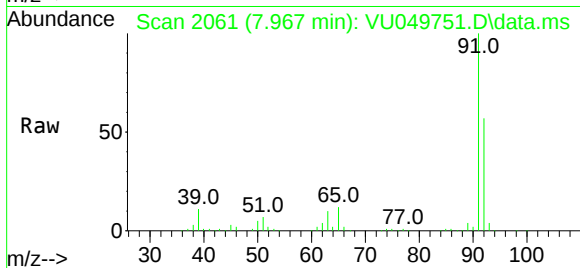
VSTD050167

Tgt Ion: 91 Resp: 352105

Ion Ratio Lower Upper

91 100

92 57.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 55.178 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU049751.D

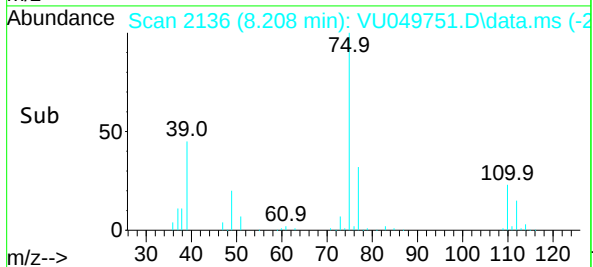
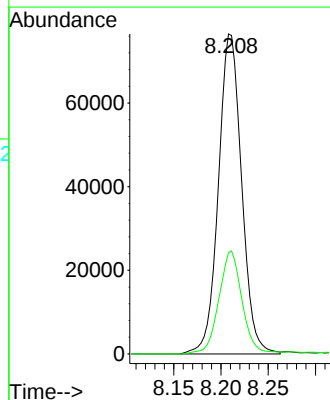
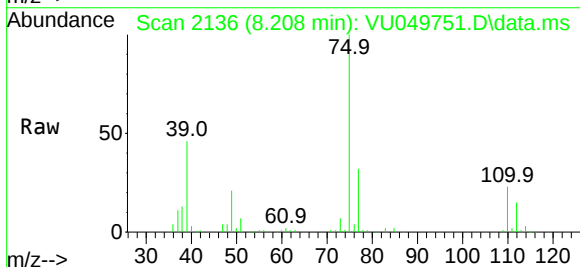
Acq: 18 Jul 2022 10:23

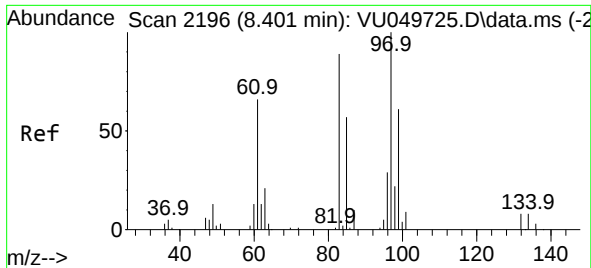
Tgt Ion: 75 Resp: 130635

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.9

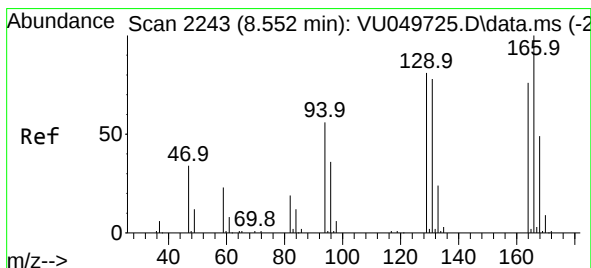
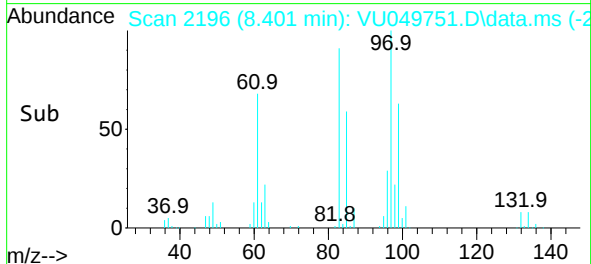
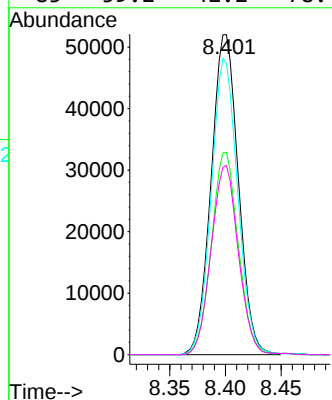
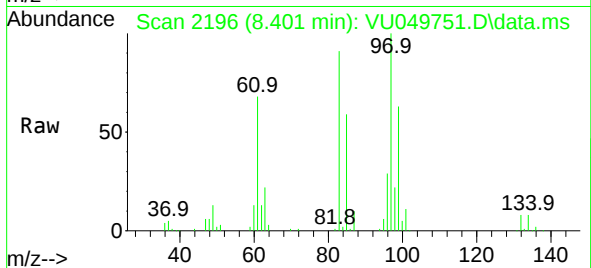




#45
1,1,2-Trichloroethane
Concen: 54.162 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

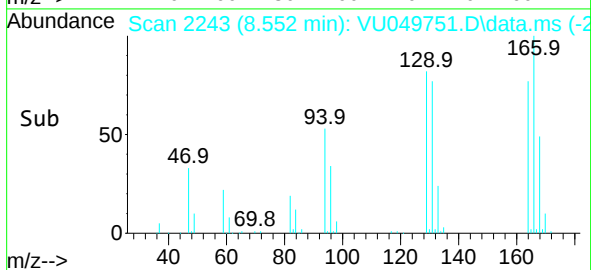
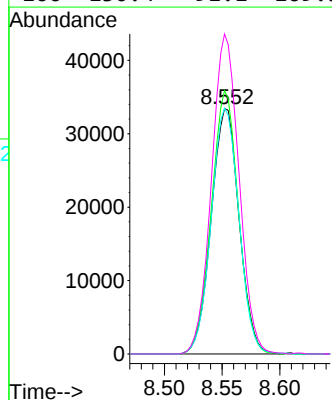
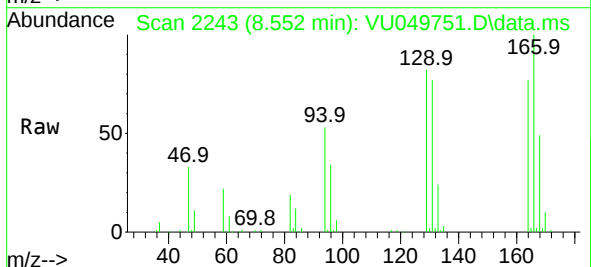
Instrument :
MSVOA_U
ClientSampleId :
VSTD050167

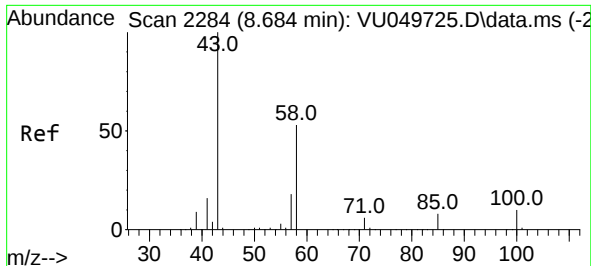
Tgt Ion: 97	Resp: 88386
Ion Ratio	Lower Upper
97 100	
99 63.2	44.3 82.3
83 91.0	64.0 118.8
85 59.2	42.2 78.4



#46
Tetrachloroethene
Concen: 49.606 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

Tgt	Ion:164	Resp:	56097
Ion	Ratio	Lower	Upper
164	100		
129	107.4	72.0	133.8
131	100.2	69.0	128.1
166	130.4	91.1	169.3



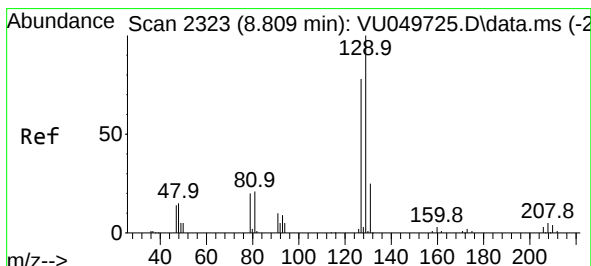
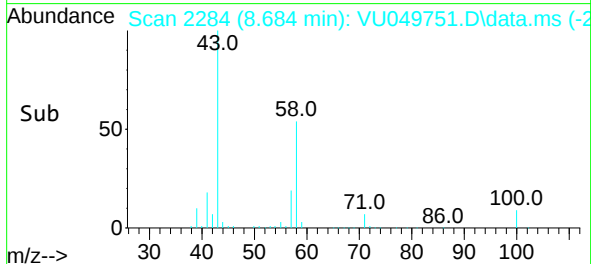
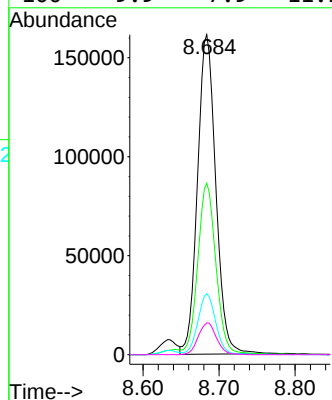
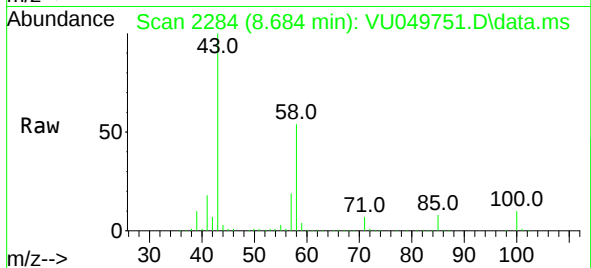


#48
2-Hexanone
Concen: 111.727 ug/L
RT: 8.684 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD050167

Tgt Ion: 43 Resp: 270233

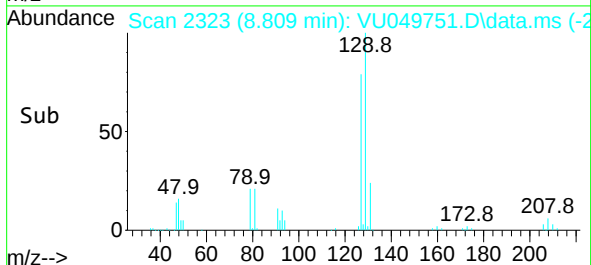
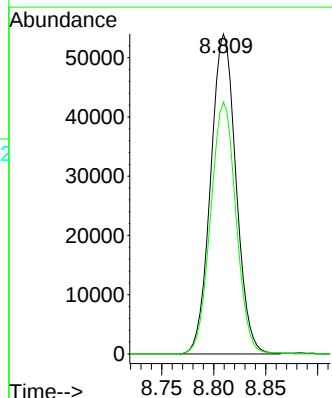
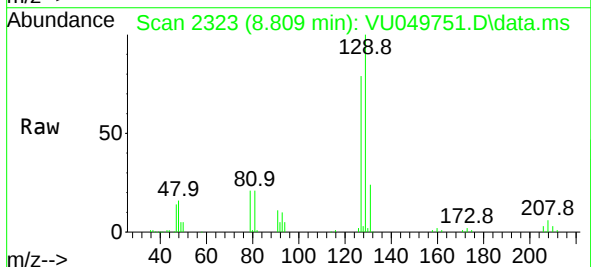
Ion	Ratio	Lower	Upper
43	100		
58	52.4	42.6	64.0
57	18.7	15.0	22.6
100	9.9	7.9	11.9

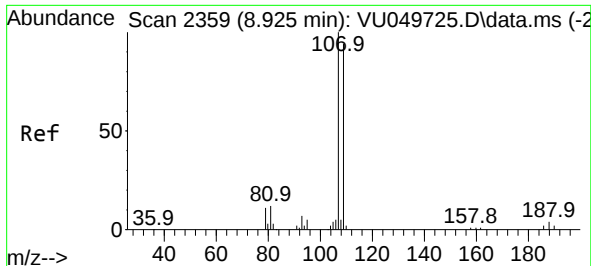


#49
Dibromochloromethane
Concen: 55.852 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

Tgt Ion: 129 Resp: 91672

Ion	Ratio	Lower	Upper
129	100		
127	78.7	56.9	105.7





#50

1,2-Dibromoethane

Concen: 55.470 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD050167

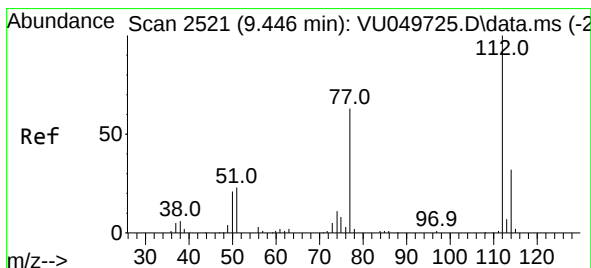
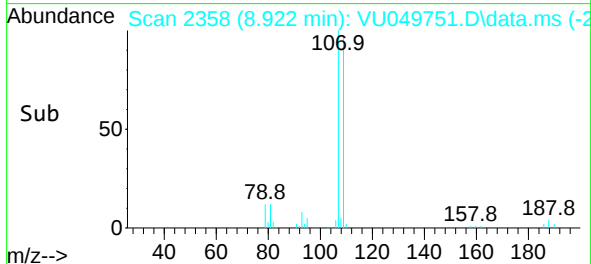
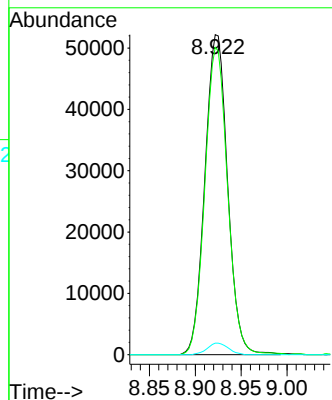
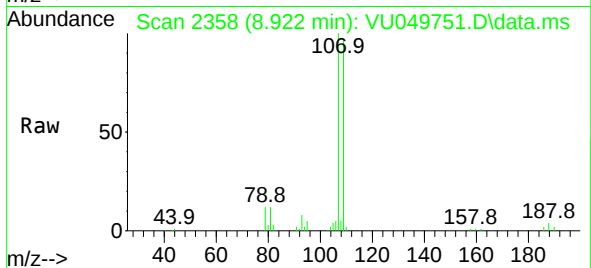
Tgt Ion:107 Resp: 89920

Ion Ratio Lower Upper

107 100

109 96.1 65.7 121.9

188 3.6 2.7 4.1



#51

Chlorobenzene

Concen: 52.121 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

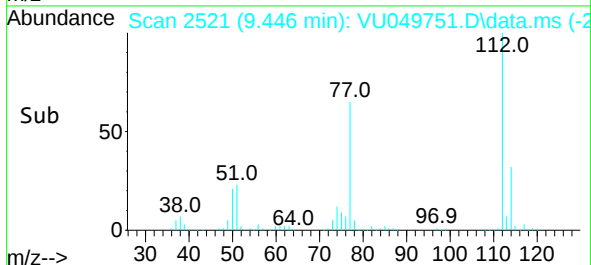
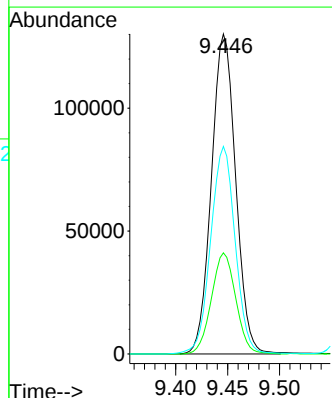
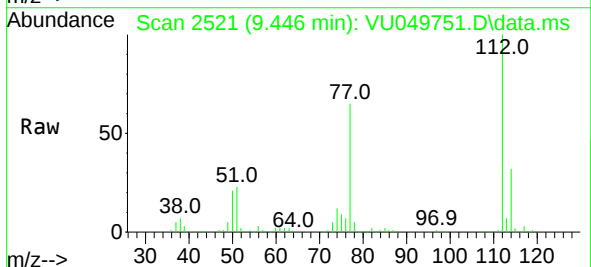
Tgt Ion:112 Resp: 211596

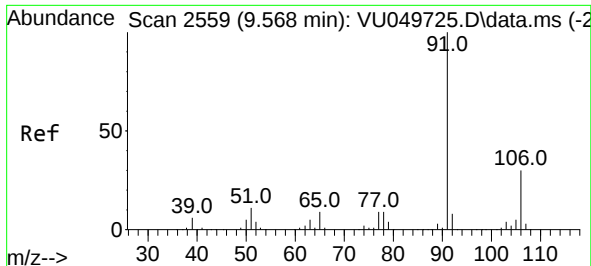
Ion Ratio Lower Upper

112 100

114 31.6 22.1 41.1

77 64.9 51.2 76.8

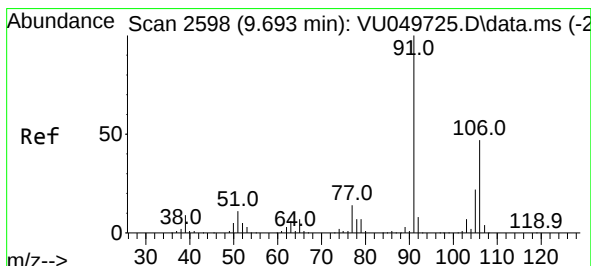
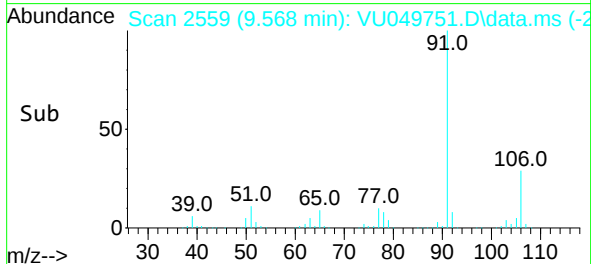
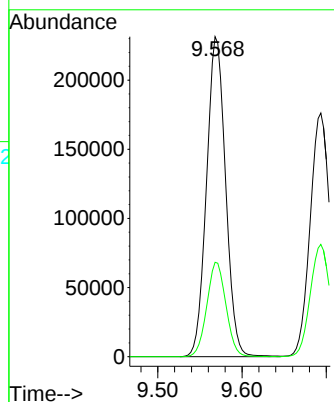
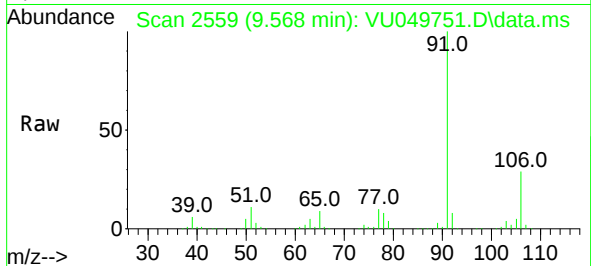




#52
Ethylbenzene
Concen: 51.521 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

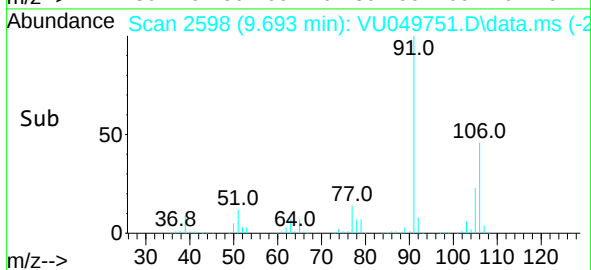
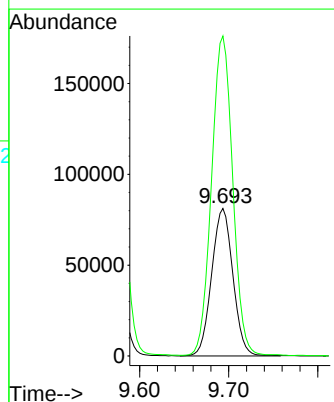
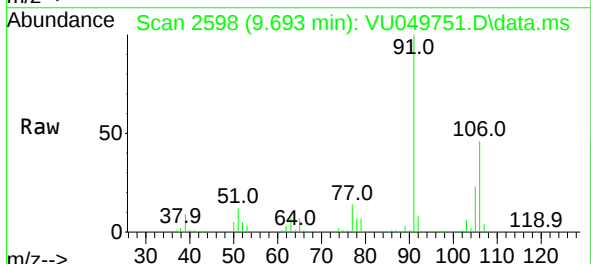
Instrument :
MSVOA_U
ClientSampleId :
VSTD050167

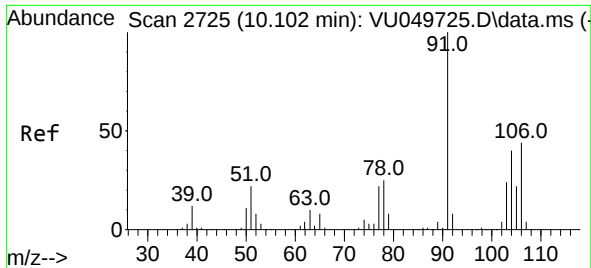
Tgt Ion: 91 Resp: 364476
Ion Ratio Lower Upper
91 100
106 29.5 21.0 39.0



#53
m,p-Xylene
Concen: 52.243 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

Tgt Ion: 106 Resp: 134389
Ion Ratio Lower Upper
106 100
91 216.8 151.7 281.7

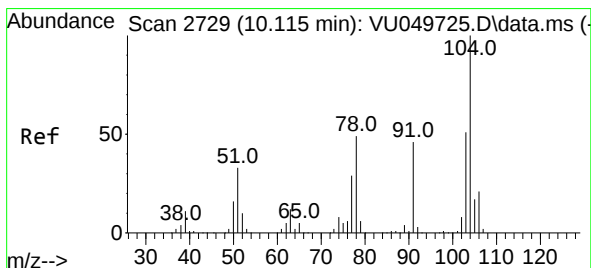
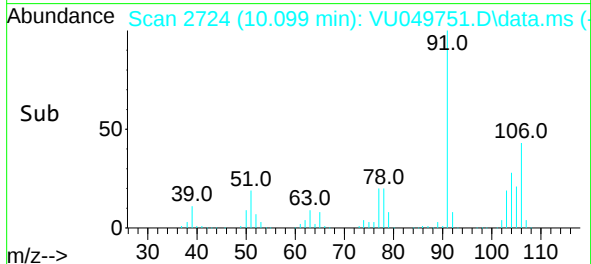
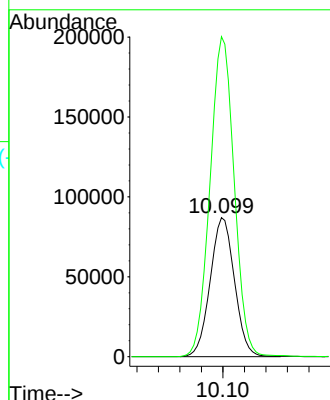
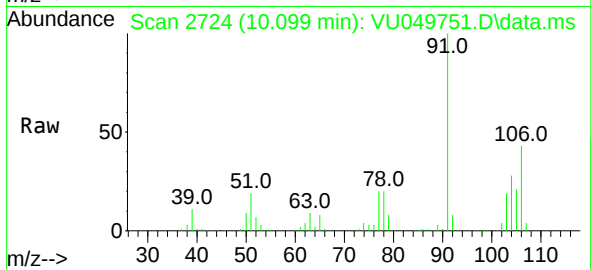




#54
o-Xylene
Concen: 52.602 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

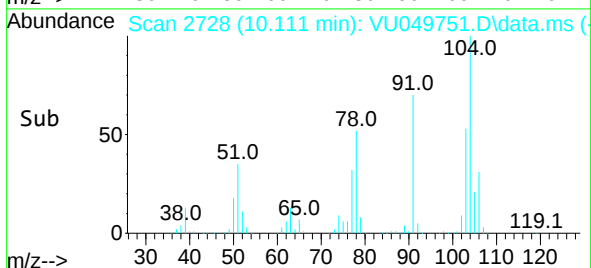
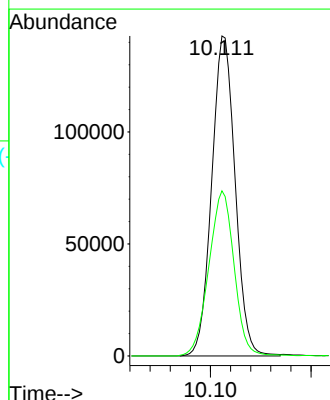
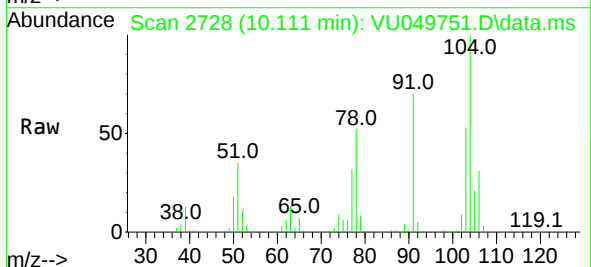
Instrument :
MSVOA_U
ClientSampleId :
VSTD050167

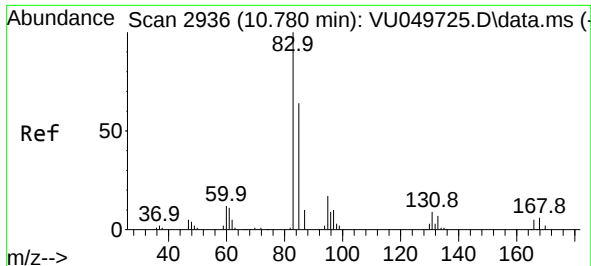
Tgt Ion:106 Resp: 136248
Ion Ratio Lower Upper
106 100
91 230.1 156.9 291.5



#55
Styrene
Concen: 54.051 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

Tgt Ion:104 Resp: 231043
Ion Ratio Lower Upper
104 100
78 51.6 36.1 67.1





#57

1,1,2-Tetrachloroethane

Concen: 54.433 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD050167

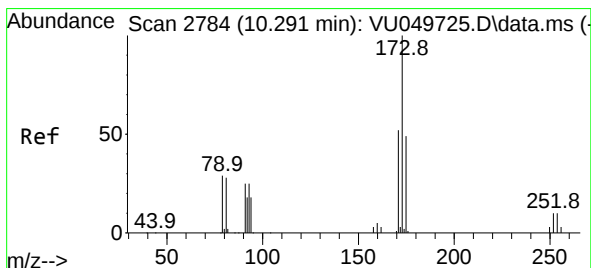
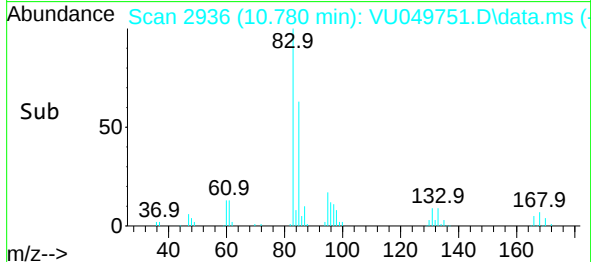
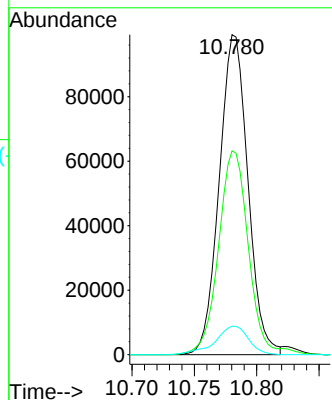
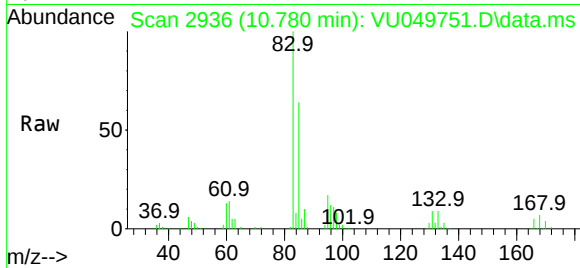
Tgt Ion: 83 Resp: 159009

Ion Ratio Lower Upper

83 100

85 63.7 45.0 83.6

131 8.9 7.0 10.6



#59

Bromoform

Concen: 55.460 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.003 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

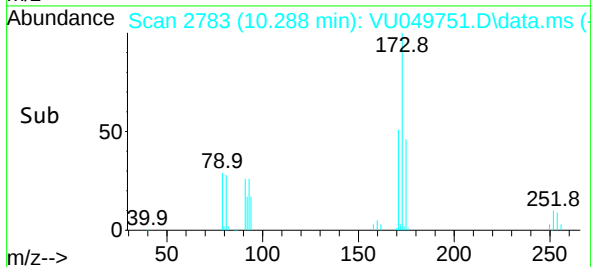
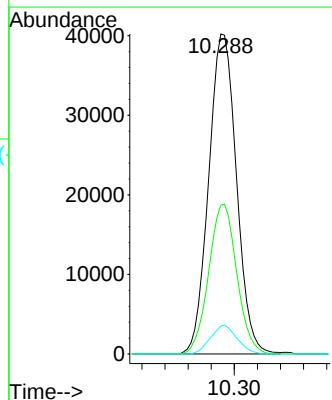
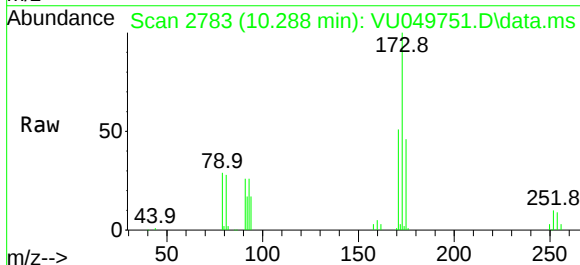
Tgt Ion:173 Resp: 67160

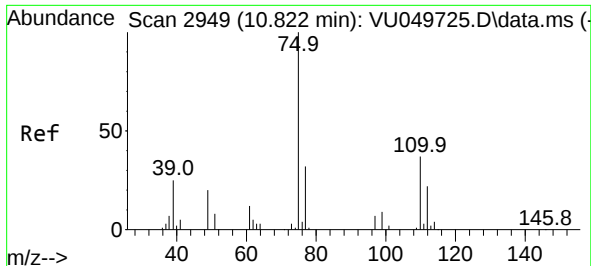
Ion Ratio Lower Upper

173 100

175 47.1 38.6 58.0

254 8.6 7.4 11.0

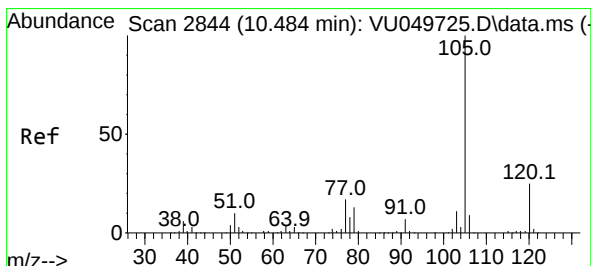
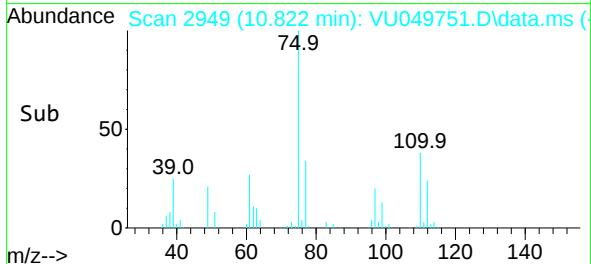
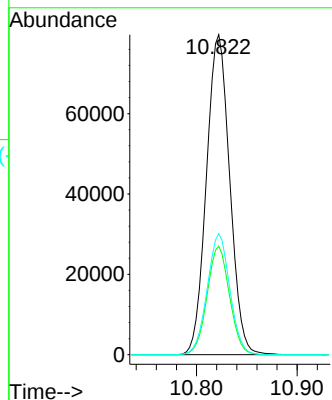
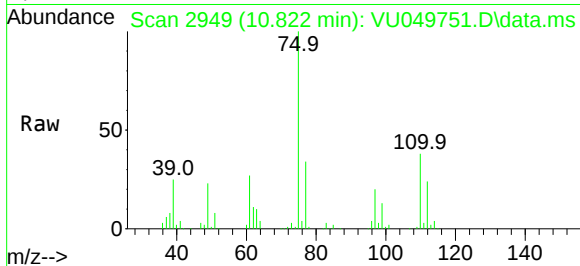




#60
1,2,3-Trichloropropane
Concen: 53.390 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

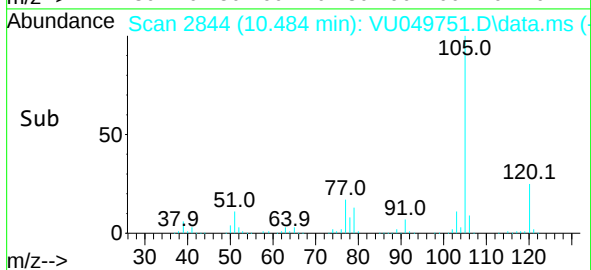
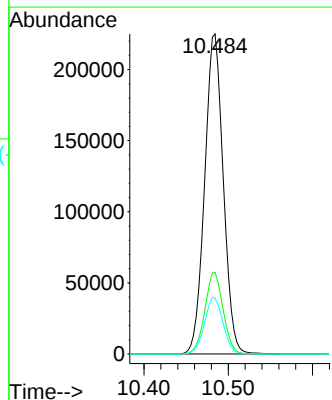
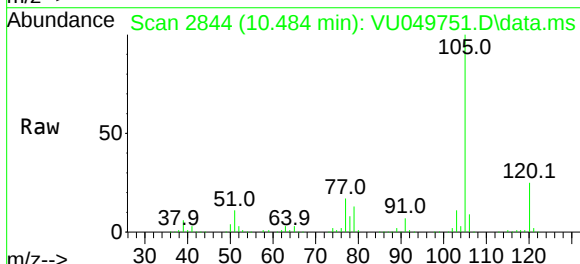
Instrument :
MSVOA_U
ClientSampleId :
VSTD050167

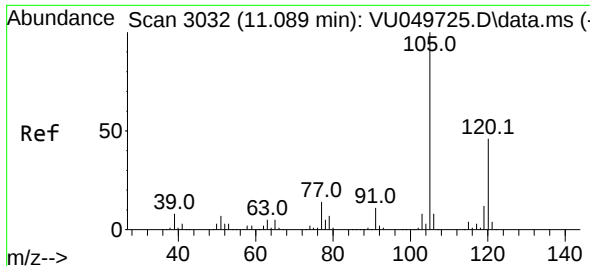
Tgt Ion: 75 Resp: 128395
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3
110 36.7 28.9 43.3



#61
Isopropylbenzene
Concen: 51.380 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

Tgt Ion: 105 Resp: 346384
Ion Ratio Lower Upper
105 100
120 25.0 19.9 29.9
77 17.6 13.8 20.8





#62

1,3,5-Trimethylbenzene

Concen: 52.533 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

Instrument :

MSVOA_U

ClientSampleId :

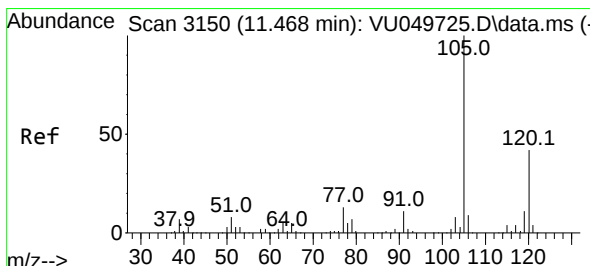
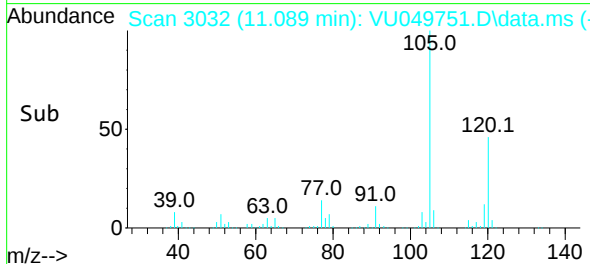
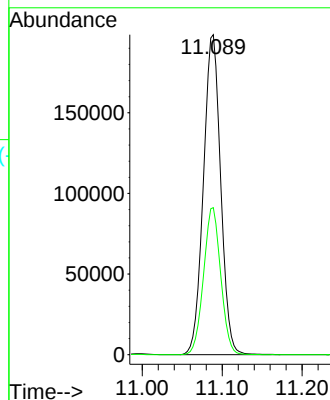
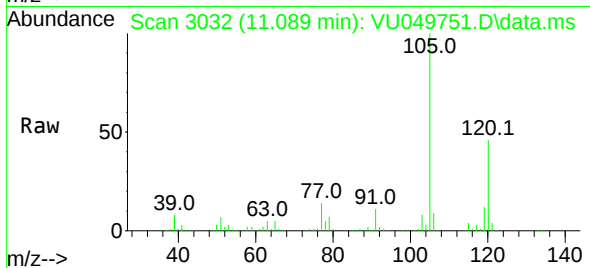
VSTD050167

Tgt Ion:105 Resp: 298733

Ion Ratio Lower Upper

105 100

120 45.6 36.8 55.2



#63

1,2,4-Trimethylbenzene

Concen: 52.097 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049751.D

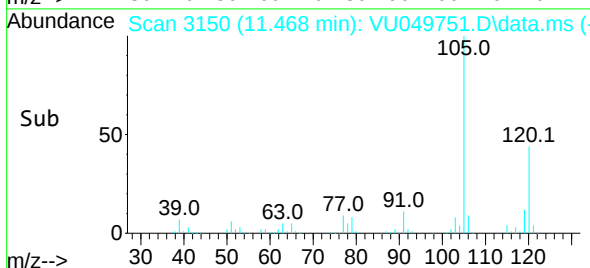
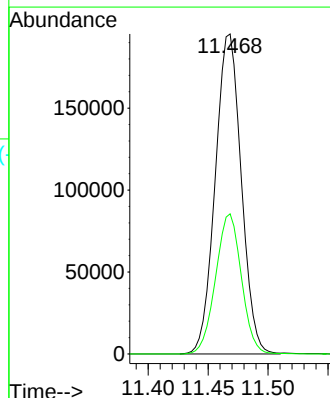
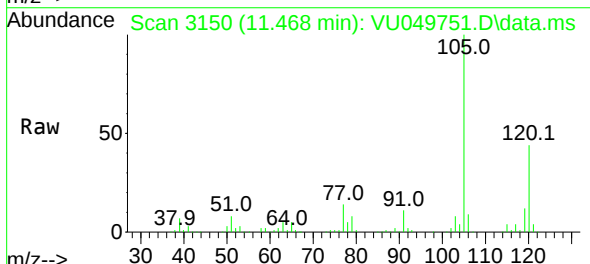
Acq: 18 Jul 2022 10:23

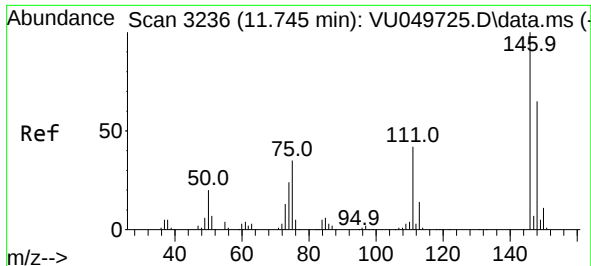
Tgt Ion:105 Resp: 294311

Ion Ratio Lower Upper

105 100

120 43.4 33.9 50.9

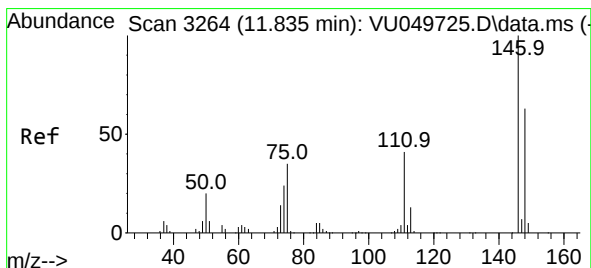
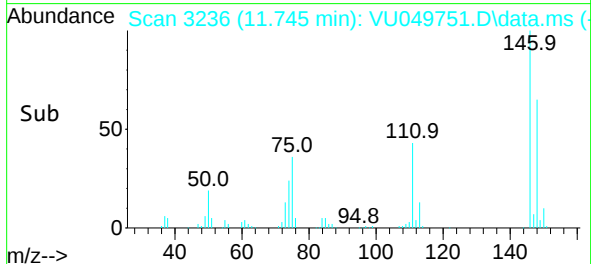
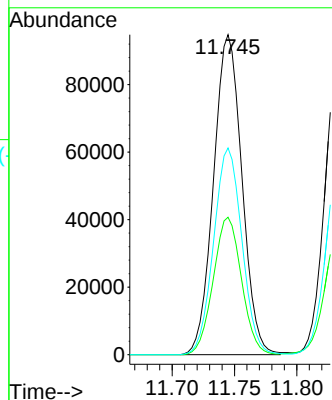
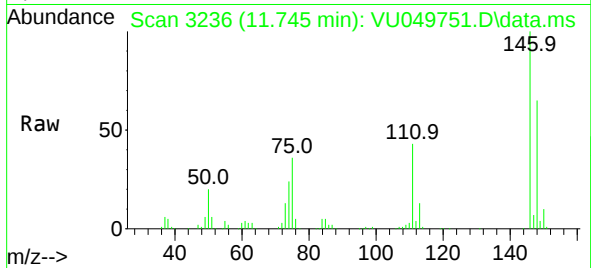




#64
1,3-Dichlorobenzene
Concen: 51.106 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

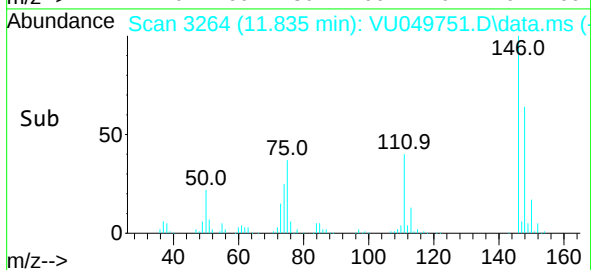
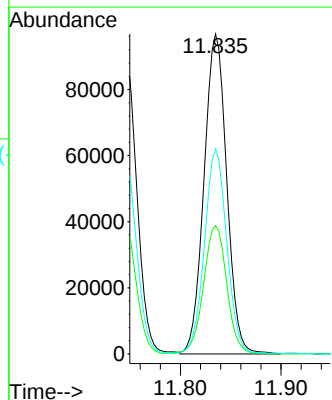
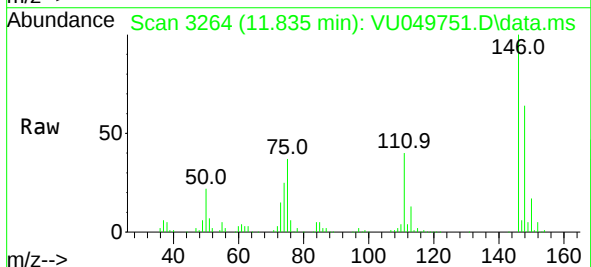
Instrument :
MSVOA_U
ClientSampleId :
VSTD050167

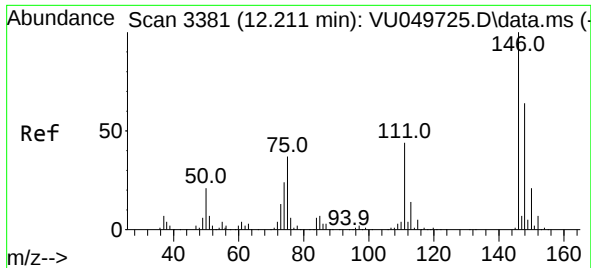
Tgt Ion:146 Resp: 150401
Ion Ratio Lower Upper
146 100
111 43.0 30.0 55.6
148 64.6 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 51.439 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049751.D
Acq: 18 Jul 2022 10:23

Tgt Ion:146 Resp: 152065
Ion Ratio Lower Upper
146 100
111 40.1 29.1 54.1
148 64.1 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 51.443 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD050167

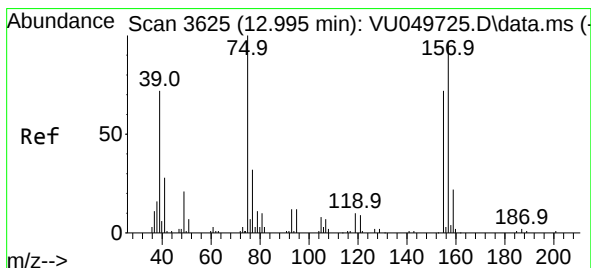
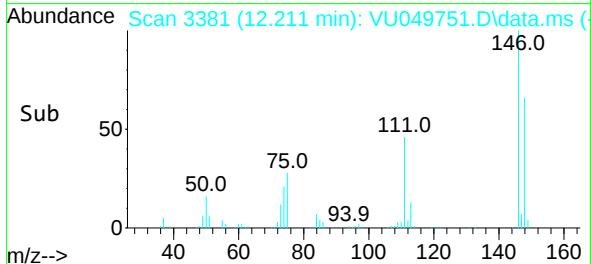
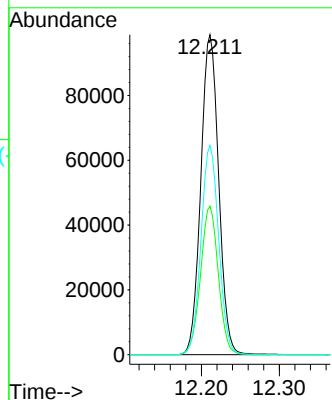
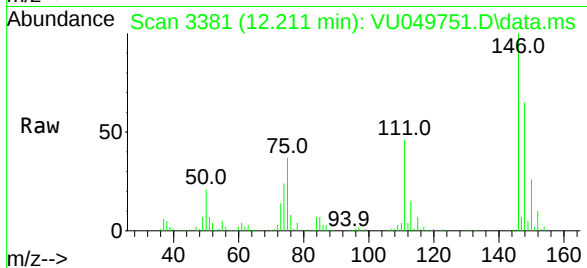
Tgt Ion:146 Resp: 157425

Ion Ratio Lower Upper

146 100

111 46.5 35.8 53.8

148 65.4 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 57.234 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

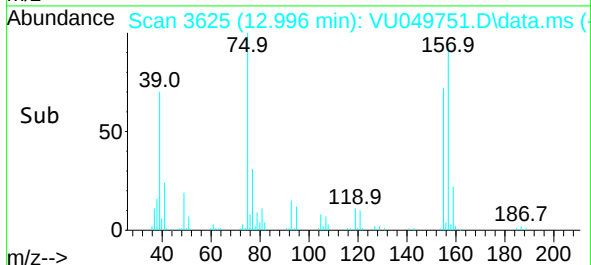
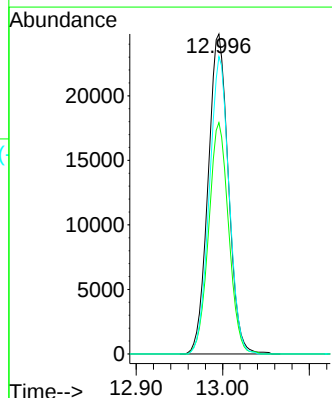
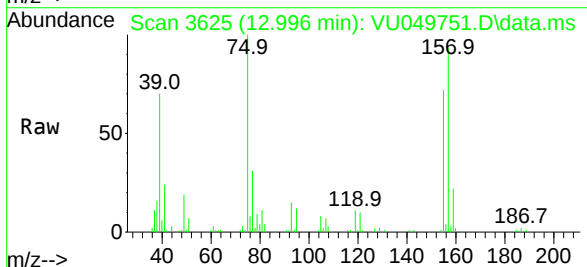
Tgt Ion: 75 Resp: 40330

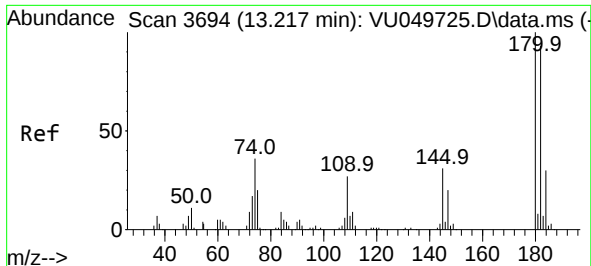
Ion Ratio Lower Upper

75 100

155 72.3 57.7 86.5

157 93.0 75.6 113.4





#69

1,3,5-Trichlorobenzene

Concen: 51.534 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD050167

Tgt Ion:180 Resp: 106273

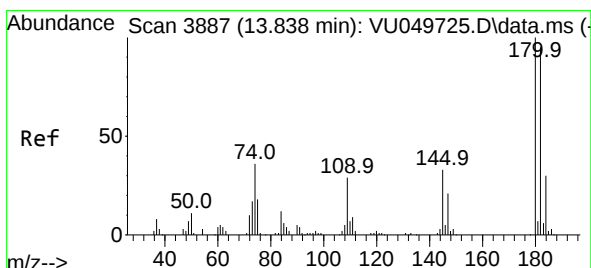
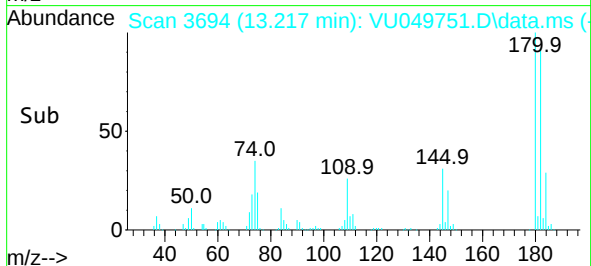
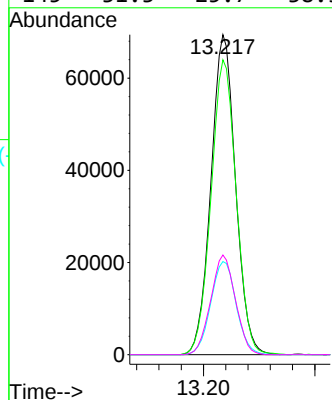
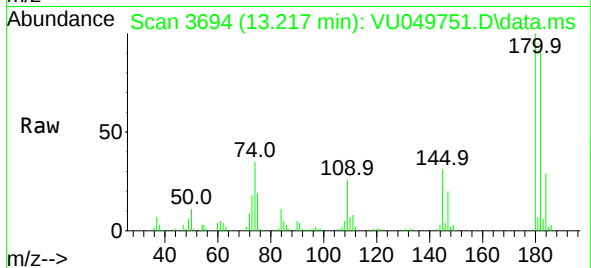
Ion Ratio Lower Upper

180 100

182 94.2 76.0 114.0

184 30.2 24.0 36.0

145 31.3 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 48.319 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

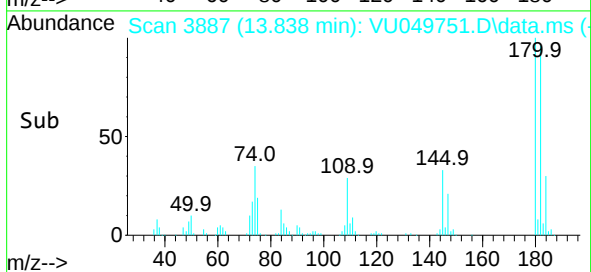
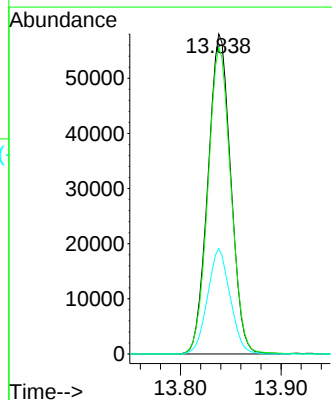
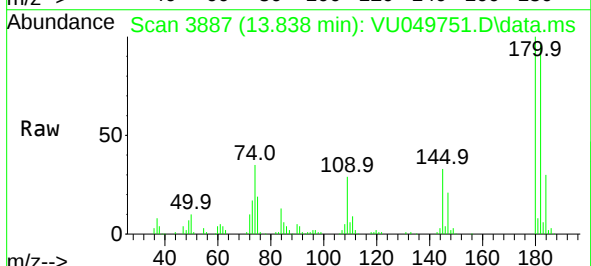
Tgt Ion:180 Resp: 91441

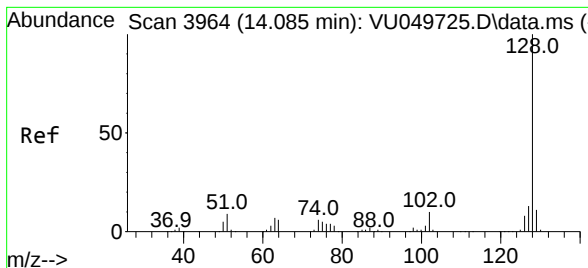
Ion Ratio Lower Upper

180 100

182 96.5 74.8 112.2

145 32.6 24.7 37.1





#71

Naphthalene

Concen: 50.143 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD050167

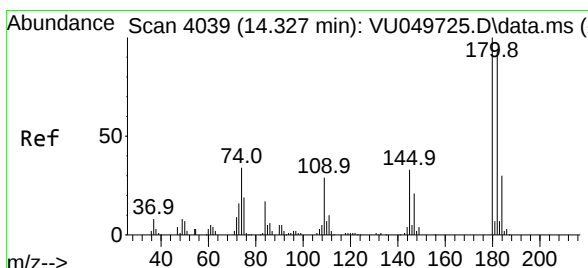
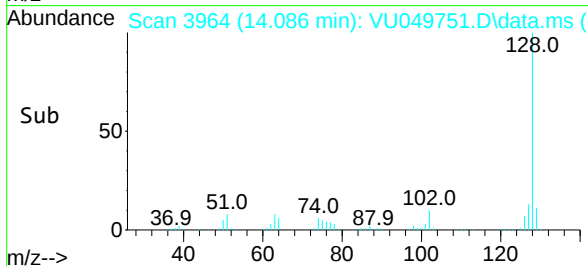
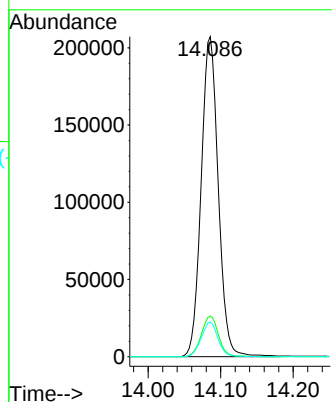
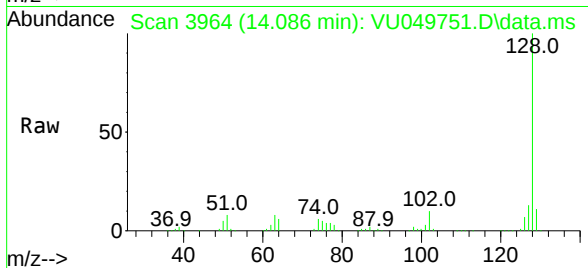
Tgt Ion:128 Resp: 339225

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.6 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 51.263 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. 0.000 min

Lab File: VU049751.D

Acq: 18 Jul 2022 10:23

Tgt Ion:180 Resp: 100490

Ion Ratio Lower Upper

180 100

182 97.0 76.6 115.0

145 34.6 27.1 40.7

