

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031522\
 Data File : VU047583.D
 Acq On : 15 Mar 2022 17:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 16 06:48:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 06:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	131075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	129240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	72228	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	32175	3.753	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.919	69	33775	4.341	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.571	65	14268	3.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	4.642	46	137222	55.634	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.260%
24) Chloroform-d	5.067	84	84974	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.706	65	47258	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.729	84	153323	4.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.690	67	51291	4.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.899	98	140358	3.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.182	79	21149	4.252	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.636	63	126258	48.968	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.940%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	54780	4.636	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	63808	4.228	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	44234	5.485	ug/L	99
3) Chloromethane	1.523	50	40230	5.086	ug/L	100
5) Vinyl chloride	1.607	62	44203	5.419	ug/L	99
6) Bromomethane	1.861	94	15866	4.134	ug/L	97
8) Chloroethane	1.938	64	29185	5.920	ug/L	99
9) Trichlorofluoromethane	2.144	101	63481	5.936	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	38290	5.672	ug/L	97
12) 1,1-Dichloroethene	2.584	96	35860	5.492	ug/L	82
13) Acetone	2.658	43	60820	63.242	ug/L	93
14) Carbon disulfide	2.800	76	101289	5.156	ug/L	99
15) Methyl Acetate	2.964	43	15899	5.989	ug/L	97
16) Methylene chloride	3.054	84	43516	4.517	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	88853	5.303	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	37310	5.315	ug/L	97
19) 1,1-Dichloroethane	3.877	63	66840	5.413	ug/L	99
21) 2-Butanone	4.719	43	109662	59.934	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	42502	5.457	ug/L	98
23) Bromochloromethane	4.980	128	22058	5.581	ug/L	97
25) Chloroform	5.092	83	73969	5.449	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031522\
 Data File : VU047583.D
 Acq On : 15 Mar 2022 17:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

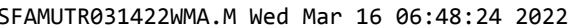
Instrument :
 MSVOA_U
 ClientSampleId :

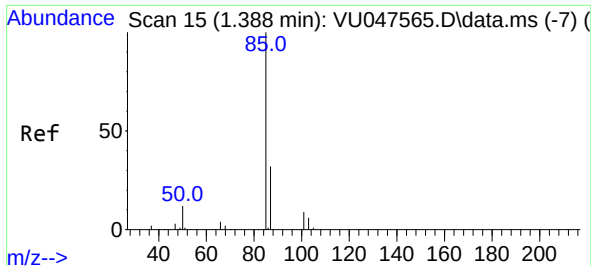
Quant Time: Mar 16 06:48:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 06:43:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	46036	5.302	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	63388	5.515	ug/L	99
30) Cyclohexane	5.395	56	50890	5.128	ug/L	98
31) Carbon tetrachloride	5.530	117	56075	5.547	ug/L	100
33) Benzene	5.777	78	156478	5.359	ug/L	100
34) Trichloroethene	6.546	95	41785	5.400	ug/L	97
35) Methylcyclohexane	6.764	83	58619	5.264	ug/L	99
37) 1,2-Dichloropropane	6.793	63	40178	5.369	ug/L	99
38) Bromodichloromethane	7.108	83	56066	5.441	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	57837	4.974	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	257479	49.361	ug/L	99
42) Toluene	7.970	91	172459	5.448	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	52331	5.045	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	33957	5.293	ug/L	98
47) Tetrachloroethene	8.555	164	36360	5.509	ug/L	99
48) 2-Hexanone	8.687	43	196471	49.490	ug/L	98
49) Dibromochloromethane	8.809	129	43103	5.454	ug/L	100
50) 1,2-Dibromoethane	8.925	107	34158	5.384	ug/L	97
51) Chlorobenzene	9.446	112	116258	5.377	ug/L	100
52) Ethylbenzene	9.571	91	174905	5.217	ug/L	99
53) m,p-Xylene	9.693	106	68280	5.267	ug/L	97
54) o-Xylene	10.102	106	68769	5.370	ug/L	95
55) Styrene	10.115	104	117917	5.361	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	45198	5.255	ug/L	99
59) Bromoform	10.291	173	28617	5.616	ug/L	98
60) Isopropylbenzene	10.484	105	176375	5.405	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	30771	5.079	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	109582	5.260	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	143330	5.300	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	97967	5.384	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	97930	5.268	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	94879	5.273	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	7517	5.172	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	81333	5.287	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	68825	5.086	ug/L	98
71) Naphthalene	14.085	128	106241	4.230	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	62566	4.818	ug/L	98

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

Quant Time: Mar 16 06:48:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Mar 16 06:43:54 2022
Response via : Initial Calibration

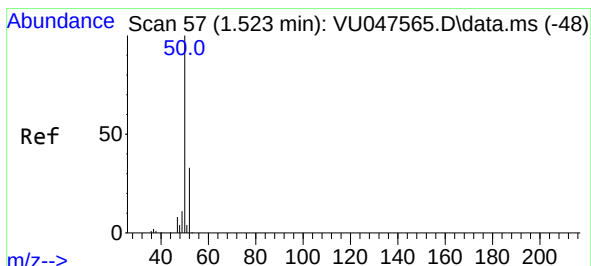
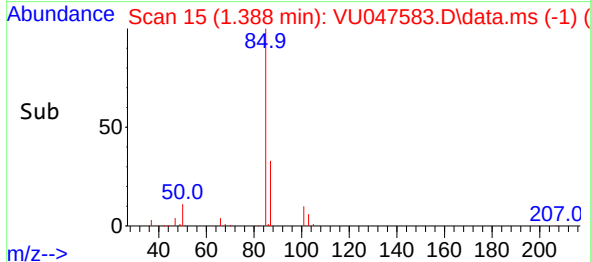
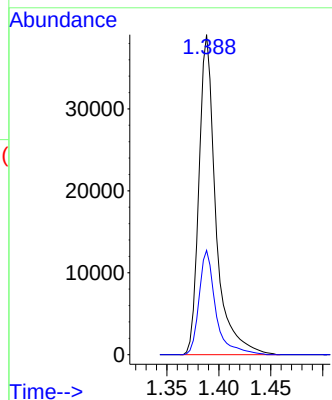
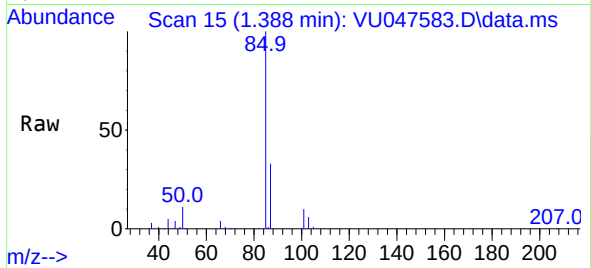




#2
Dichlorodifluoromethane
Concen: 5.485 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

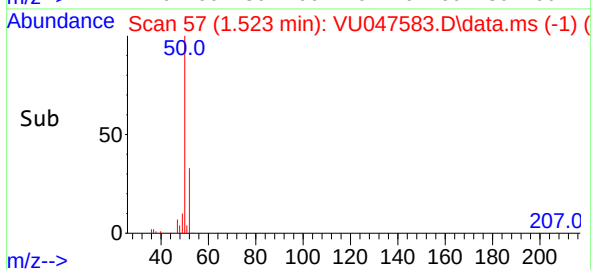
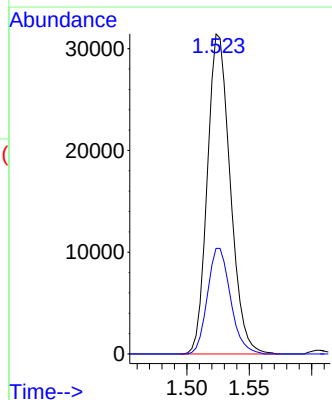
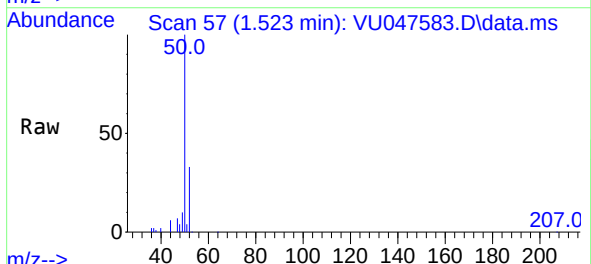
Instrument :
MSVOA_U
ClientSampleId :

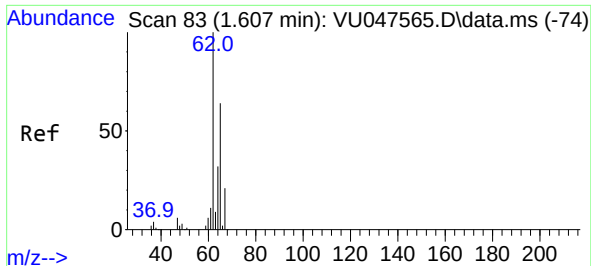
Tgt Ion: 85 Resp: 44234
Ion Ratio Lower Upper
85 100
87 32.2 26.2 39.4



#3
Chloromethane
Concen: 5.086 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Tgt Ion: 50 Resp: 40230
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.0

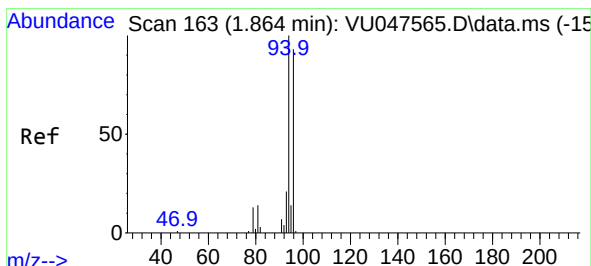
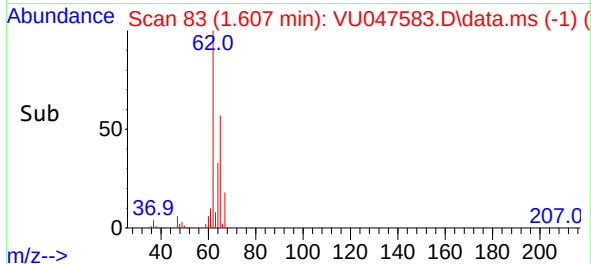
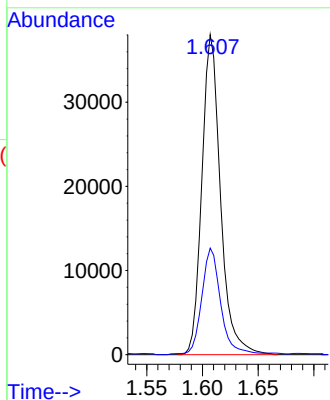
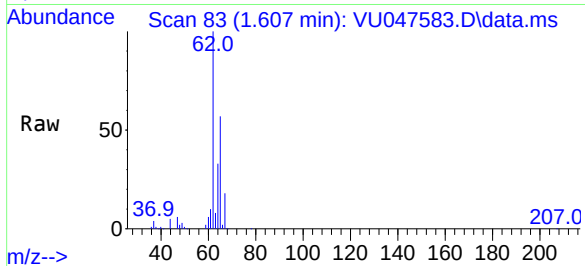




#5
 Vinyl chloride
 Concen: 5.419 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047583.D
 Acq: 15 Mar 2022 17:30

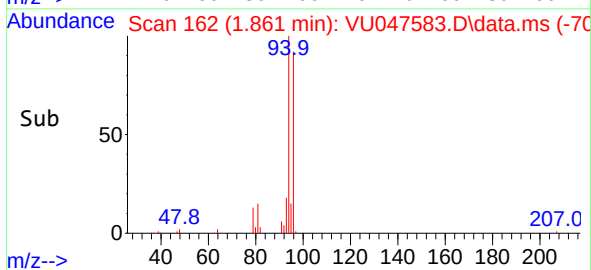
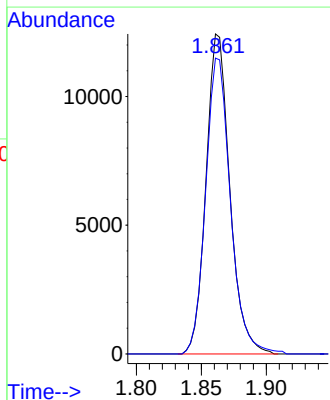
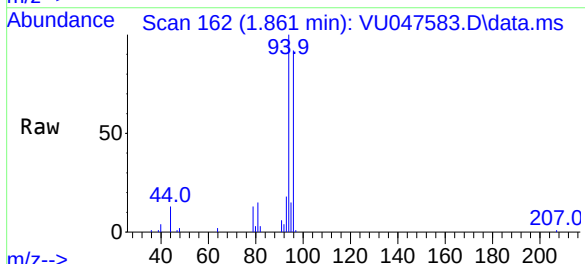
Instrument :
 MSVOA_U
 ClientSampleId :

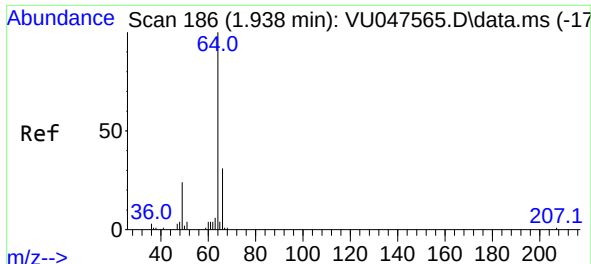
Tgt Ion: 62 Resp: 44203
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.5 43.7



#6
 Bromomethane
 Concen: 4.134 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047583.D
 Acq: 15 Mar 2022 17:30

Tgt Ion: 94 Resp: 15866
 Ion Ratio Lower Upper
 94 100
 96 92.5 66.5 123.5

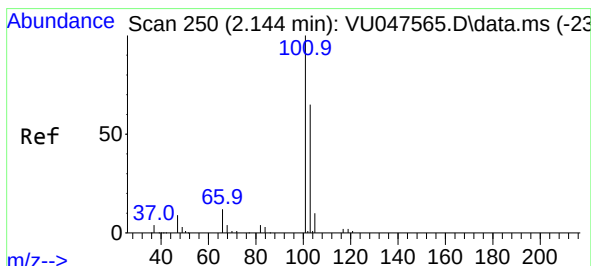
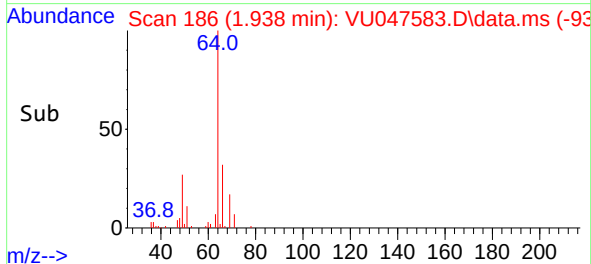
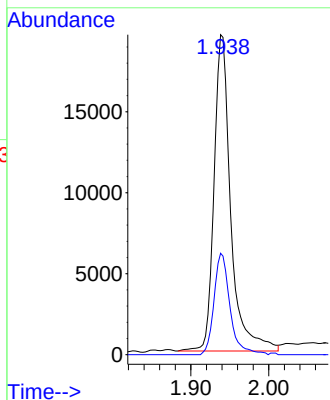
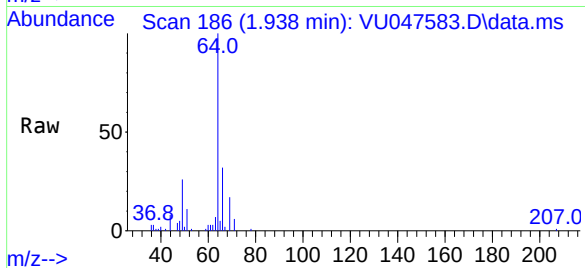




#8
Chloroethane
Concen: 5.920 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

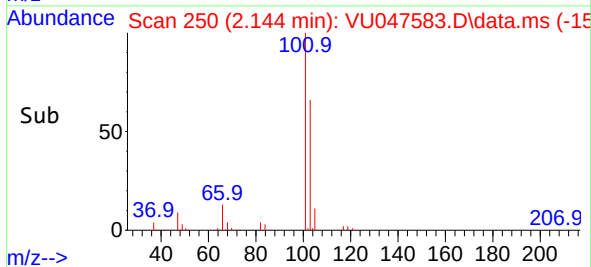
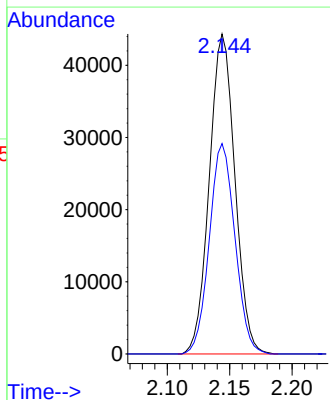
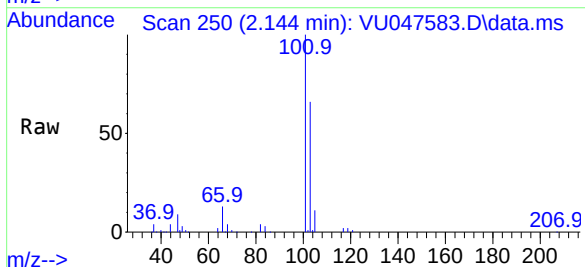
Instrument :
MSVOA_U
ClientSampleId :

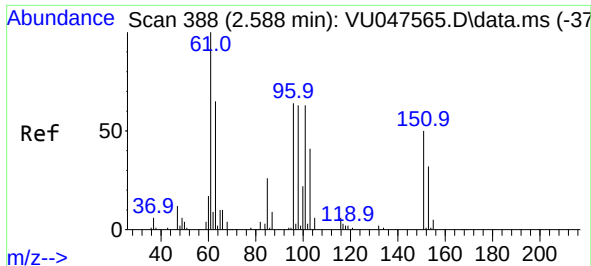
Tgt Ion: 64 Resp: 29185
Ion Ratio Lower Upper
64 100
66 31.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.936 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Tgt Ion: 101 Resp: 63481
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.2

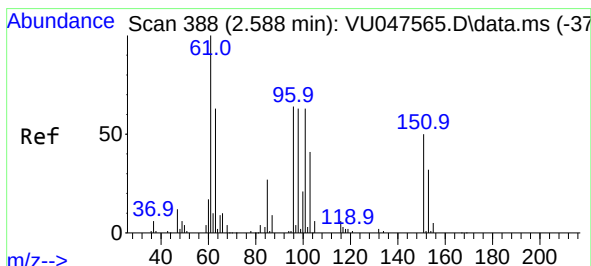
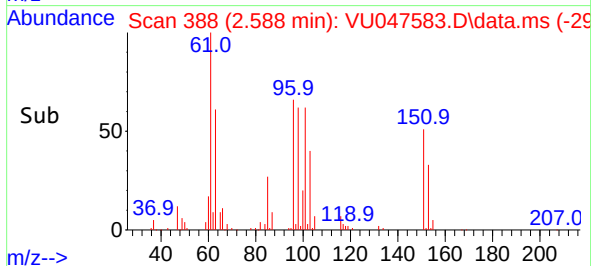
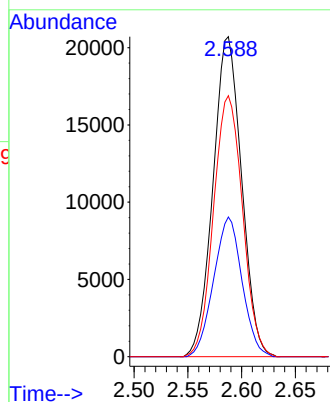
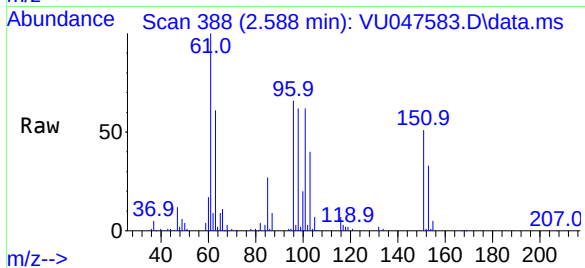




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.672 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

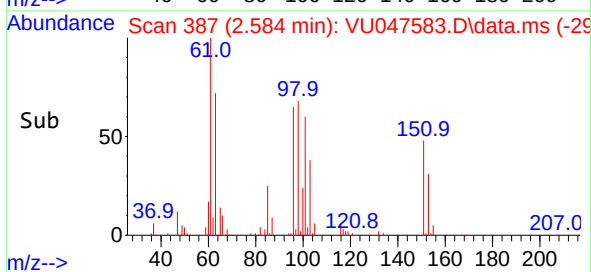
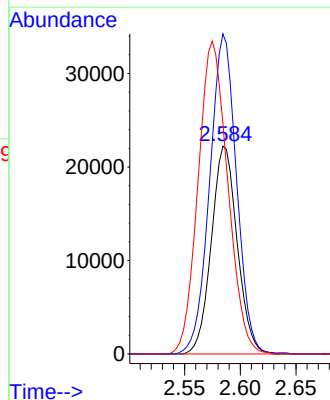
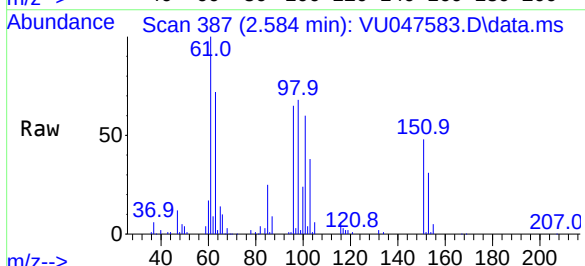
Instrument :
MSVOA_U
ClientSampleId :

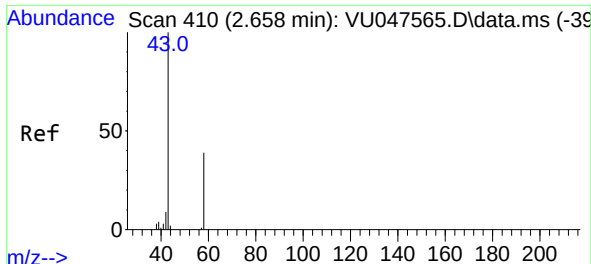
Tgt Ion:101 Resp: 38290
Ion Ratio Lower Upper
101 100
85 43.4 34.0 51.0
151 82.6 63.8 95.6



#12
1,1-Dichloroethene
Concen: 5.492 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

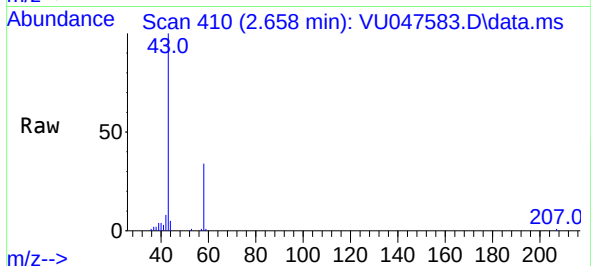
Tgt Ion: 96 Resp: 35860
Ion Ratio Lower Upper
96 100
61 153.9 111.4 207.0
63 110.8 106.6 198.0



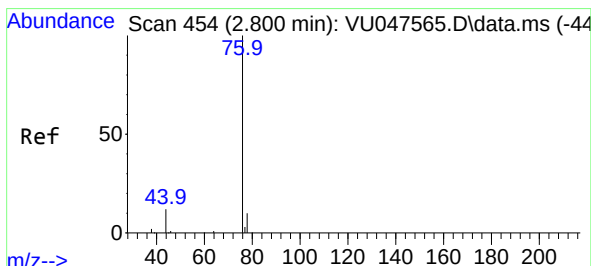
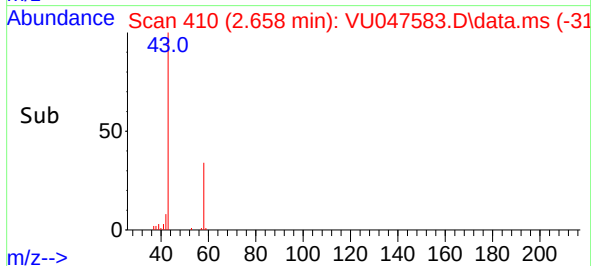
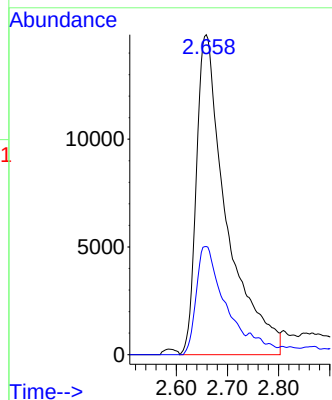


#13
Acetone
Concen: 63.242 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :

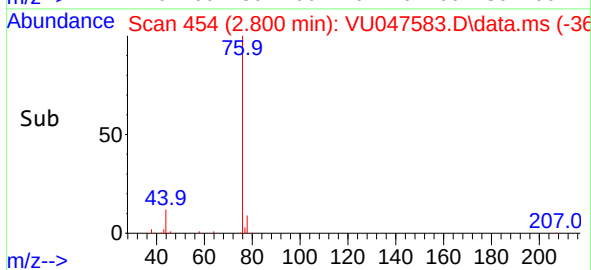
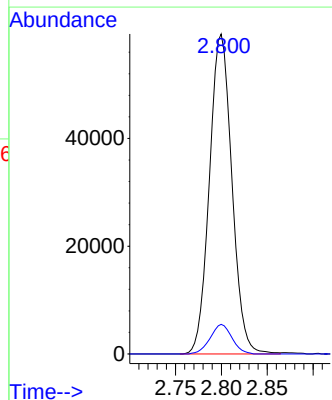
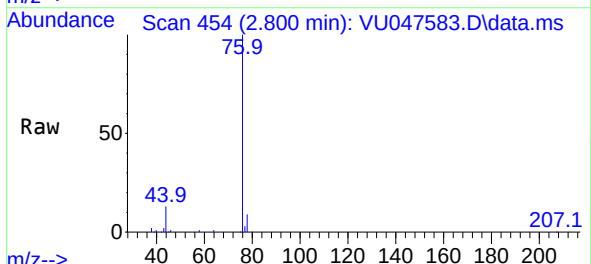


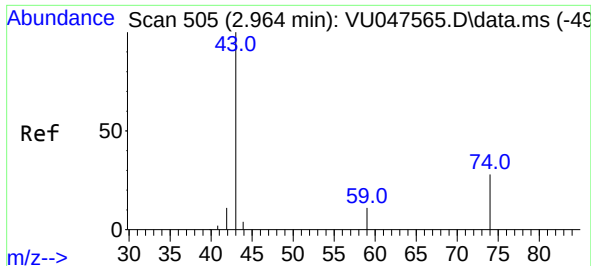
Tgt Ion: 43 Resp: 60820
Ion Ratio Lower Upper
43 100
58 30.5 0.0 69.4



#14
Carbon disulfide
Concen: 5.156 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

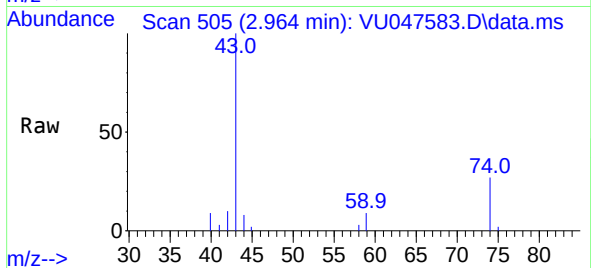
Tgt Ion: 76 Resp: 101289
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5



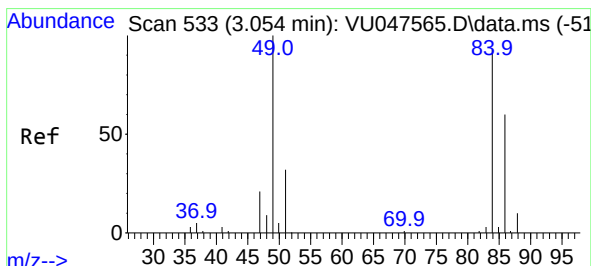
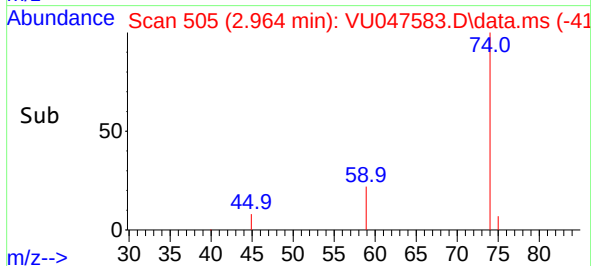
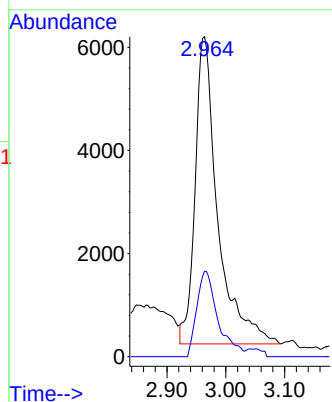


#15
Methyl Acetate
Concen: 5.989 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :

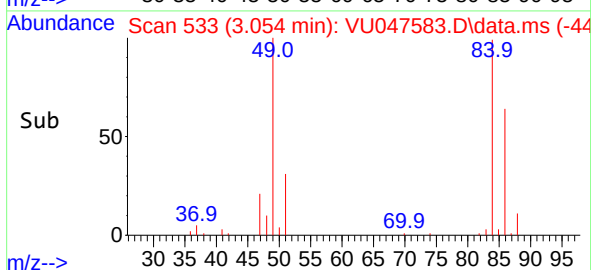
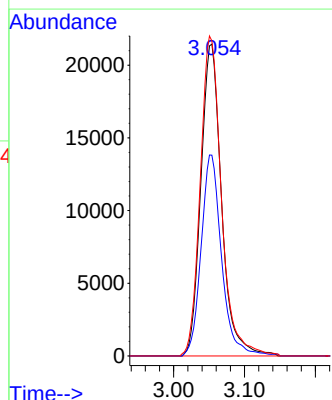
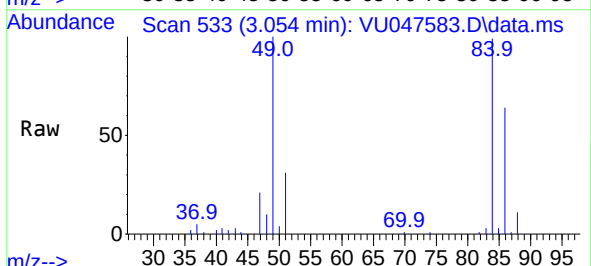


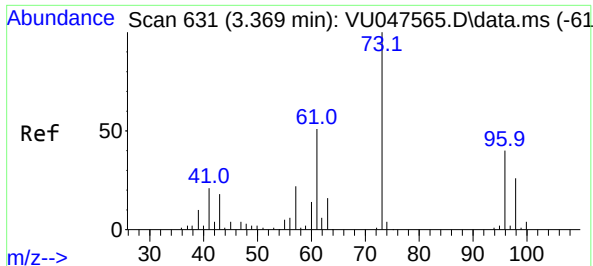
Tgt Ion: 43 Resp: 15899
Ion Ratio Lower Upper
43 100
74 25.9 21.8 32.6



#16
Methylene chloride
Concen: 4.517 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Tgt Ion: 84 Resp: 43516
Ion Ratio Lower Upper
84 100
86 64.4 45.4 84.4
49 101.0 75.0 139.4

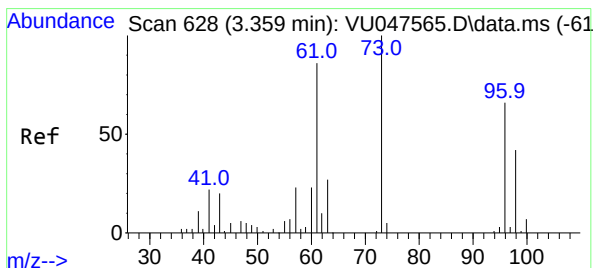
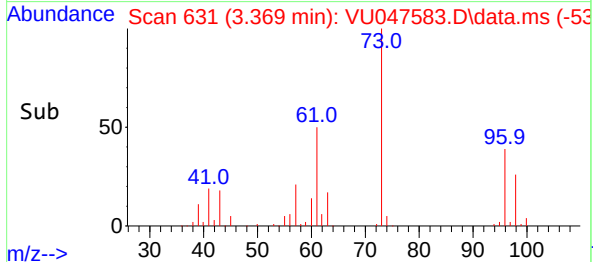
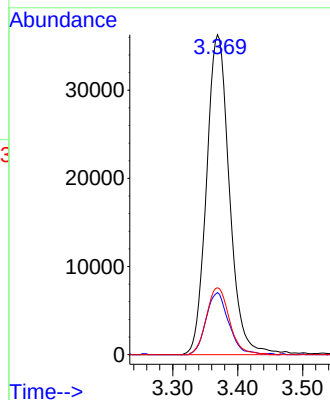
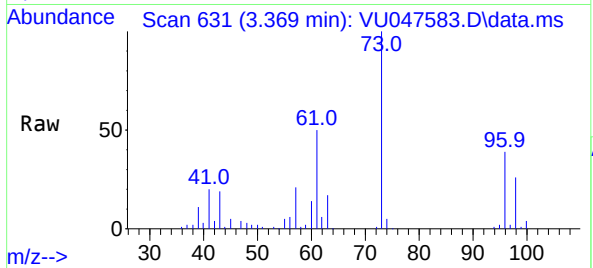




#17
Methyl tert-butyl Ether
Concen: 5.303 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

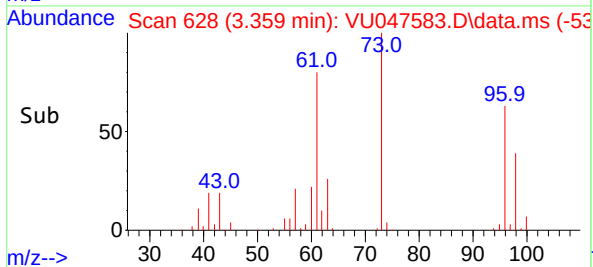
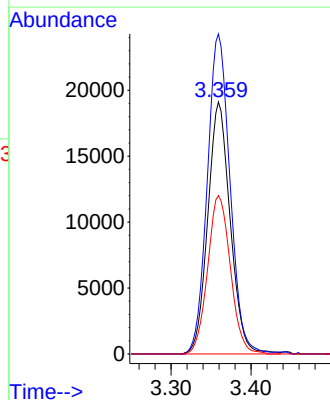
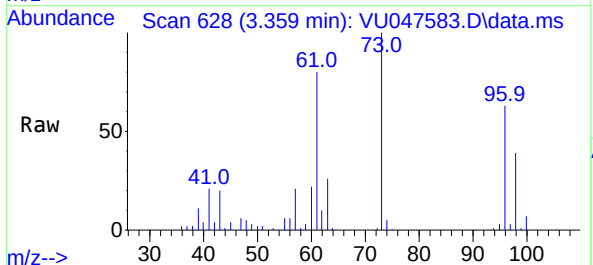
Instrument :
MSVOA_U
ClientSampleId :

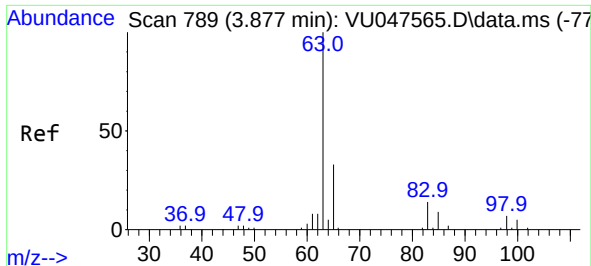
Tgt Ion: 73 Resp: 88853
Ion Ratio Lower Upper
73 100
43 19.3 15.2 22.8
57 21.1 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.315 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

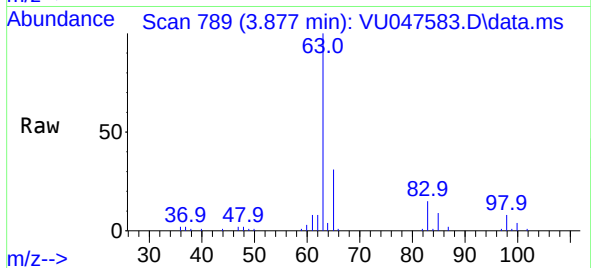
Tgt Ion: 96 Resp: 37310
Ion Ratio Lower Upper
96 100
61 126.9 91.7 170.3
98 62.9 45.1 83.7



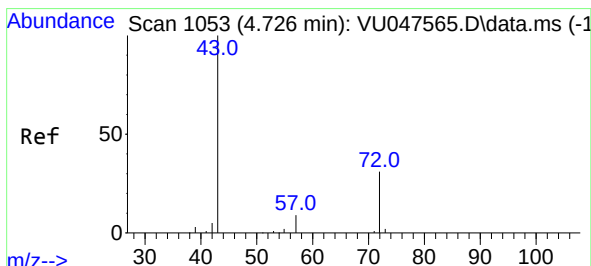
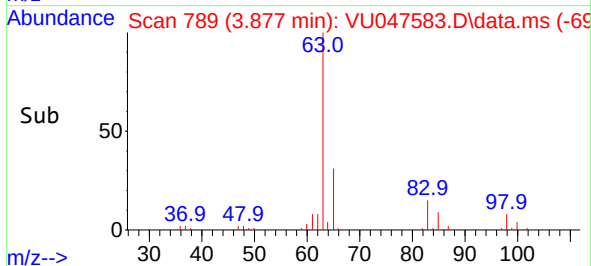
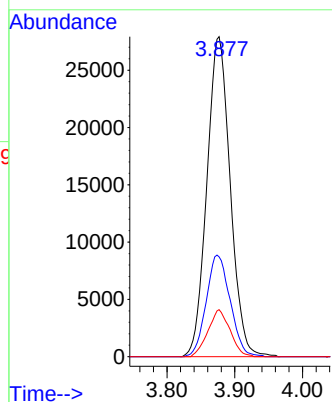


#19
1,1-Dichloroethane
Concen: 5.413 ug/L
RT: 3.877 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :

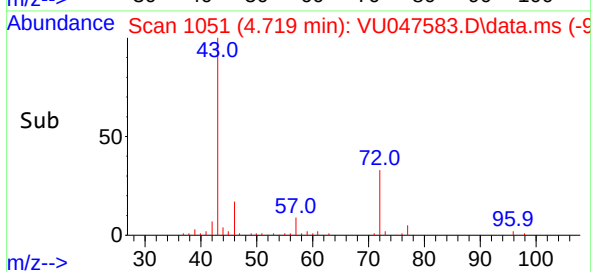
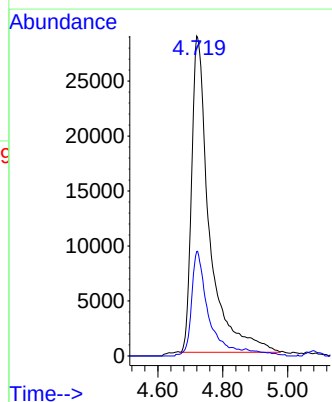
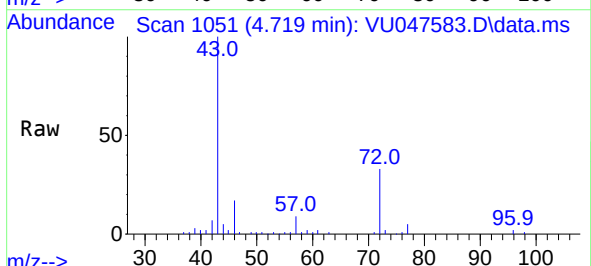


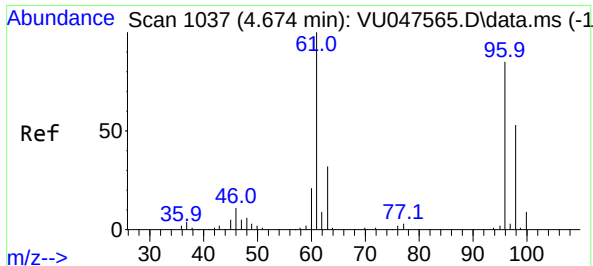
Tgt Ion: 63 Resp: 66840
Ion Ratio Lower Upper
63 100
65 31.2 21.8 40.6
83 14.7 10.8 20.0



#21
2-Butanone
Concen: 59.934 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. -0.007 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Tgt Ion: 43 Resp: 109662
Ion Ratio Lower Upper
43 100
72 29.6 14.9 44.7





#22

cis-1,2-Dichloroethene

Concen: 5.457 ug/L

RT: 4.671 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VU047583.D

Acq: 15 Mar 2022 17:30

Instrument :

MSVOA_U

ClientSampleId :

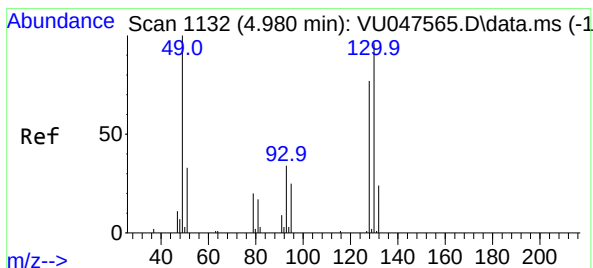
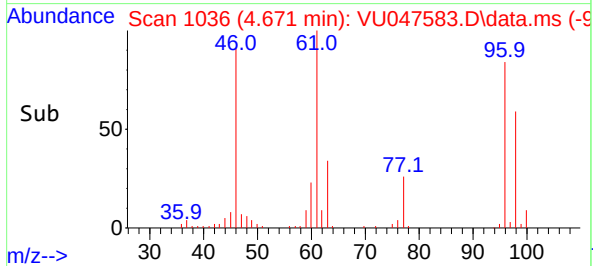
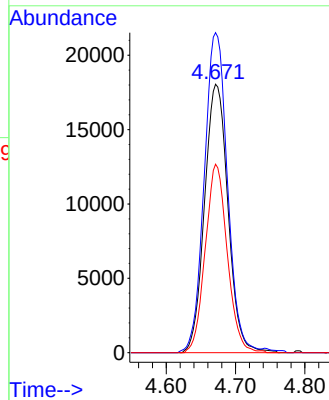
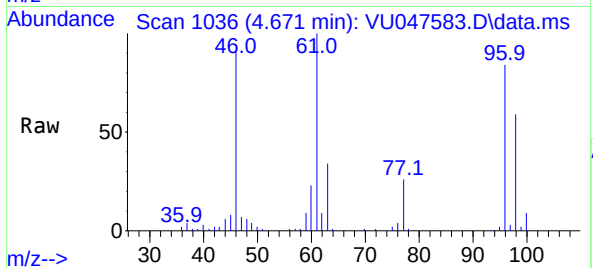
Tgt Ion: 96 Resp: 42502

Ion Ratio Lower Upper

96 100

61 119.2 83.9 155.7

98 70.2 46.4 86.2



#23

Bromochloromethane

Concen: 5.581 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU047583.D

Acq: 15 Mar 2022 17:30

Tgt Ion:128 Resp: 22058

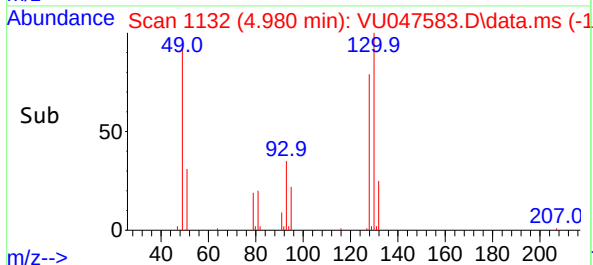
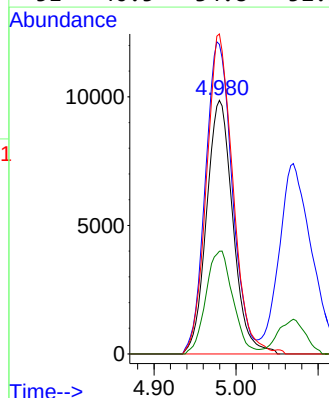
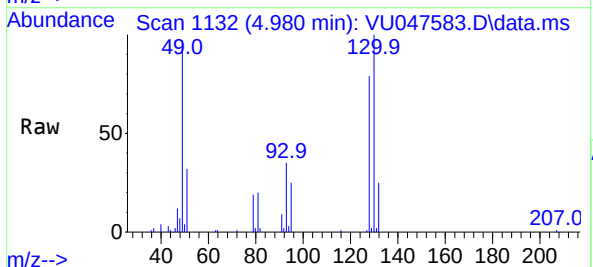
Ion Ratio Lower Upper

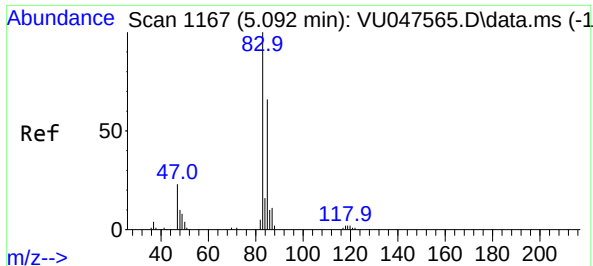
128 100

49 122.1 89.6 166.4

130 126.2 87.3 162.1

51 40.5 34.8 52.2





#25

Chloroform

Concen: 5.449 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047583.D

Acq: 15 Mar 2022 17:30

Instrument :

MSVOA_U

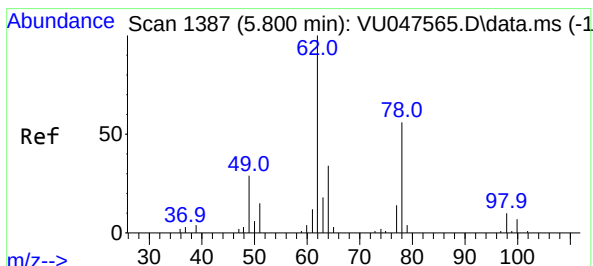
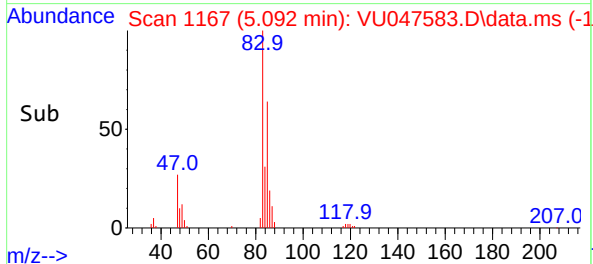
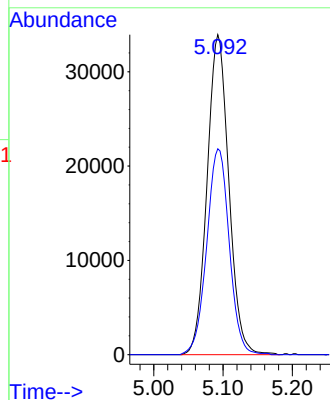
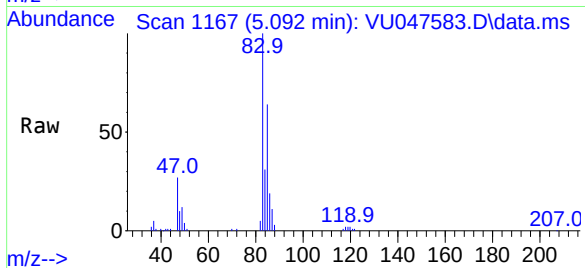
ClientSampleId :

Tgt Ion: 83 Resp: 73969

Ion Ratio Lower Upper

83 100

85 64.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.302 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047583.D

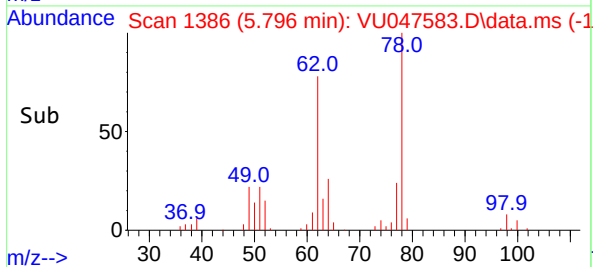
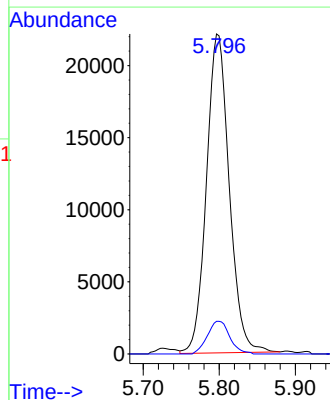
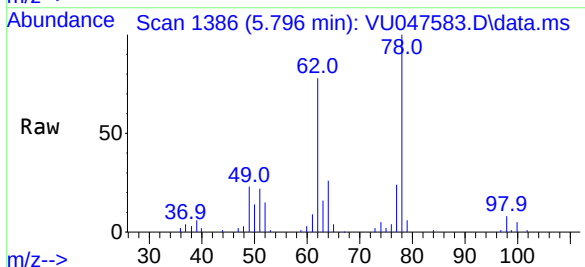
Acq: 15 Mar 2022 17:30

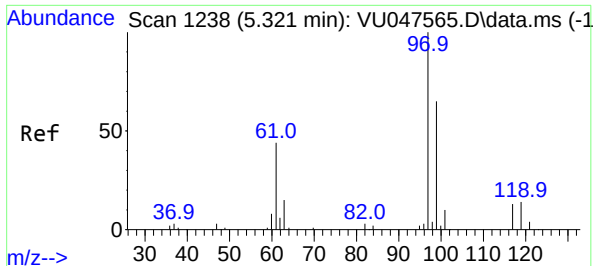
Tgt Ion: 62 Resp: 46036

Ion Ratio Lower Upper

62 100

98 10.2 7.7 11.5



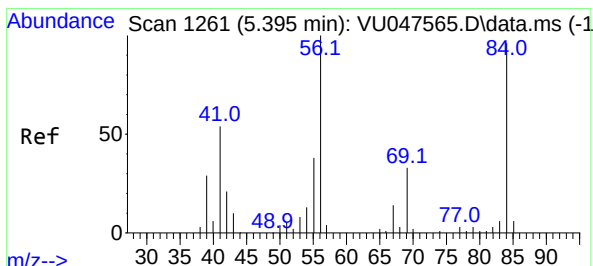
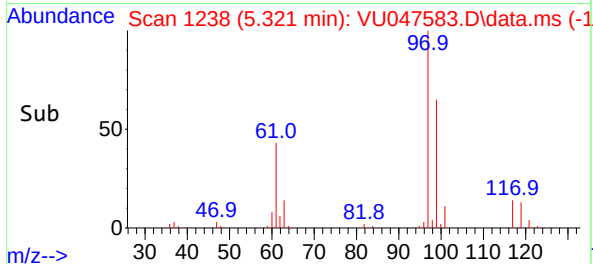
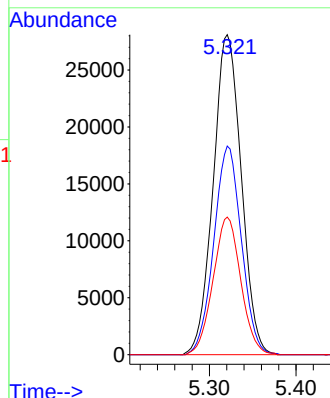
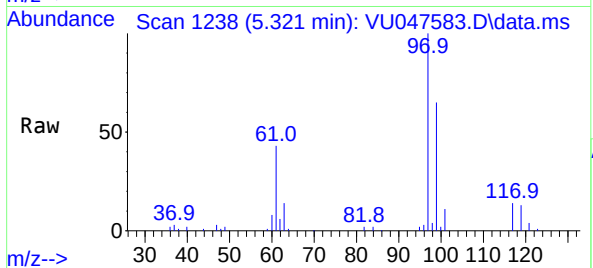


#29
1,1,1-Trichloroethane
Concen: 5.515 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 63388

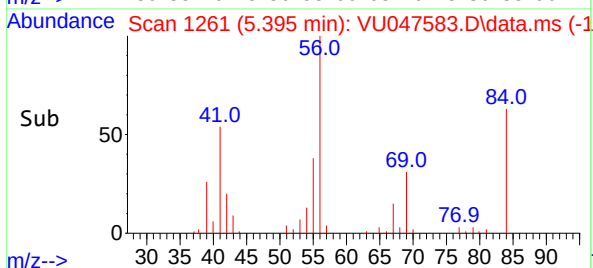
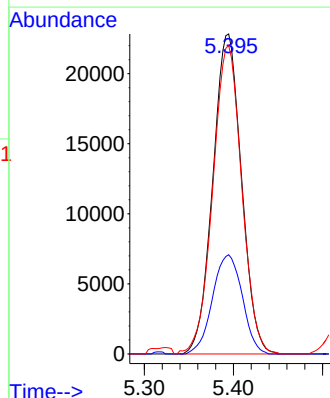
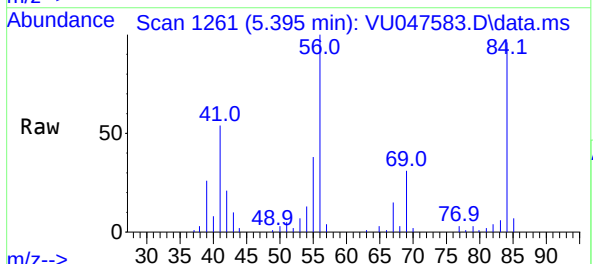
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.2	76.8
61	42.4	35.0	52.4

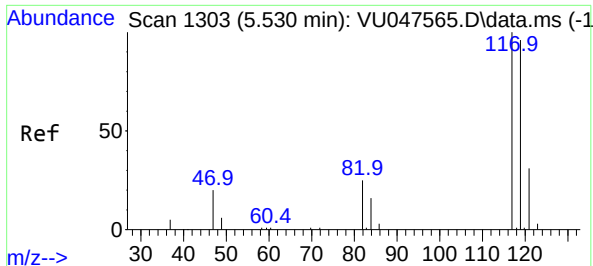


#30
Cyclohexane
Concen: 5.128 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Tgt Ion: 56 Resp: 50890

Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.0	39.0
84	97.3	76.2	114.4

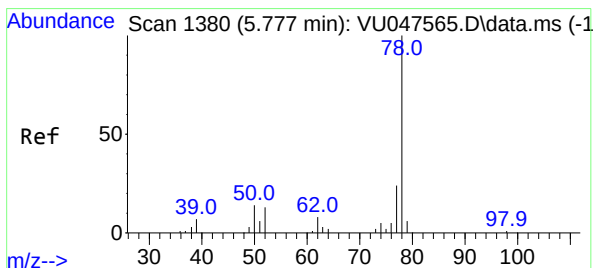
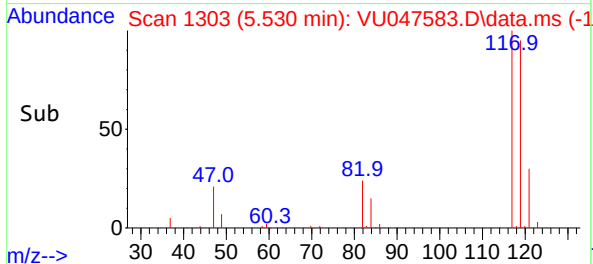
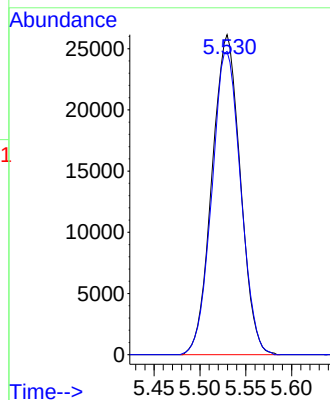
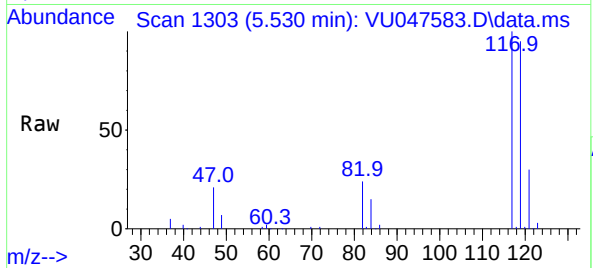




#31
Carbon tetrachloride
Concen: 5.547 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

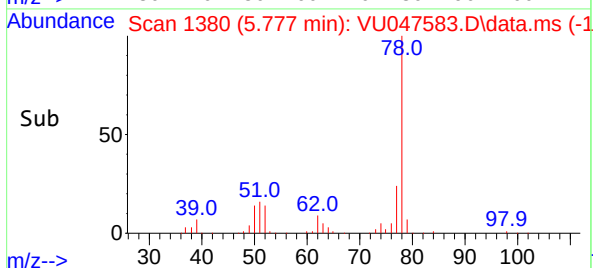
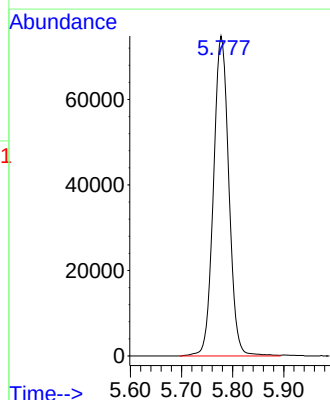
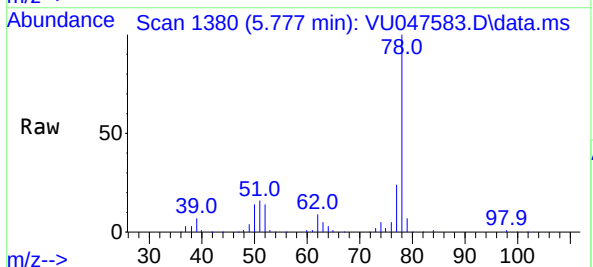
Instrument :
MSVOA_U
ClientSampleId :

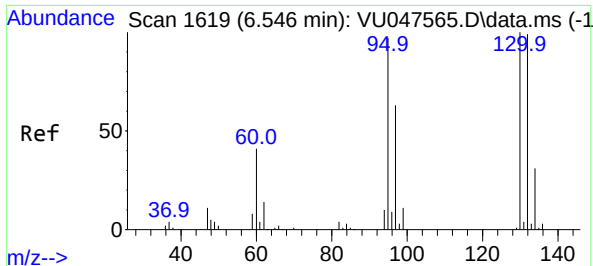
Tgt Ion:117 Resp: 56075
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3



#33
Benzene
Concen: 5.359 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Tgt Ion: 78 Resp: 156478

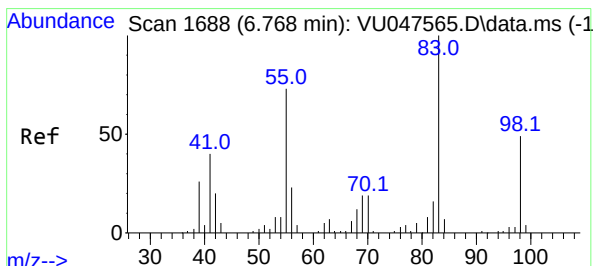
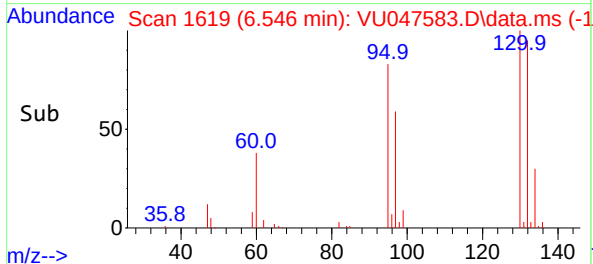
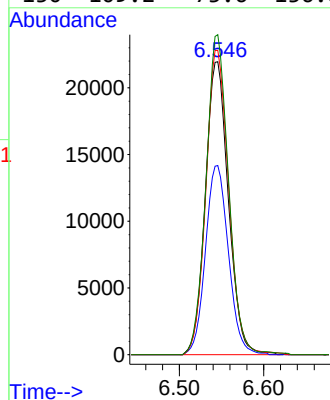
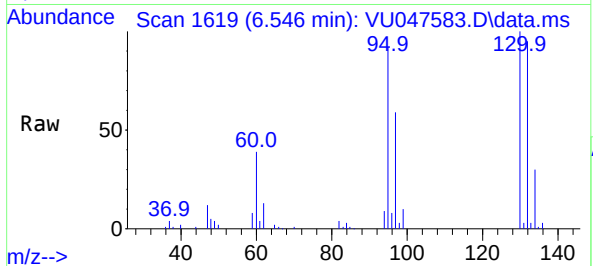




#34
Trichloroethene
Concen: 5.400 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

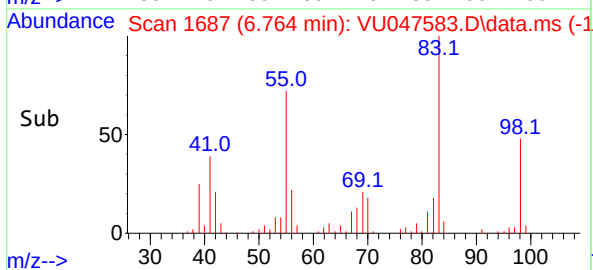
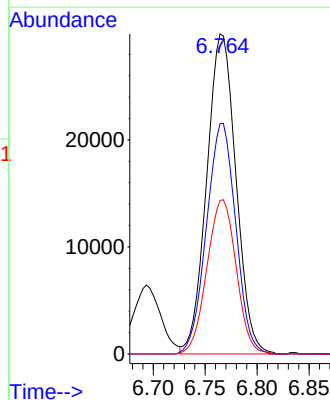
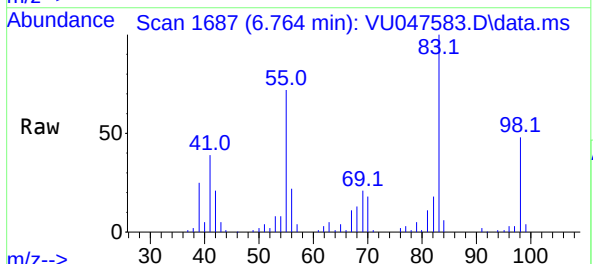
Instrument :
MSVOA_U
ClientSampleId :

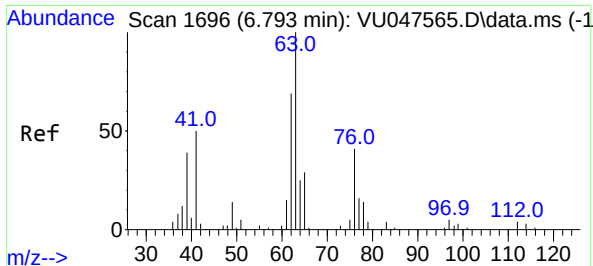
Tgt Ion: 95 Resp: 41785
Ion Ratio Lower Upper
95 100
97 64.6 46.3 85.9
132 103.9 70.7 131.3
130 109.2 73.6 136.8



#35
Methylcyclohexane
Concen: 5.264 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Tgt Ion: 83 Resp: 58619
Ion Ratio Lower Upper
83 100
55 71.9 57.3 85.9
98 48.1 37.5 56.3

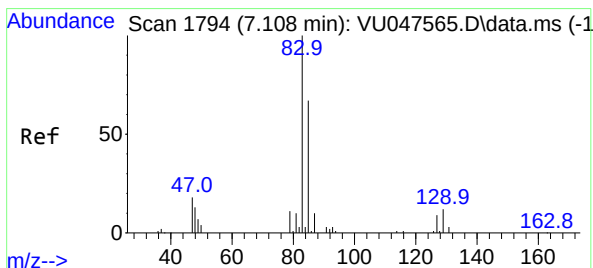
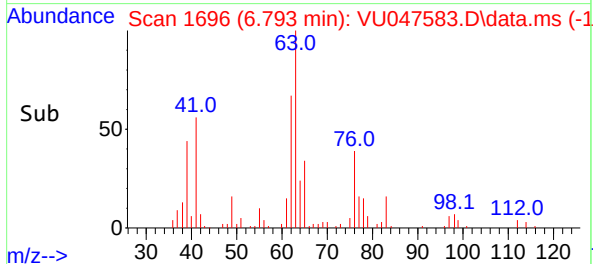
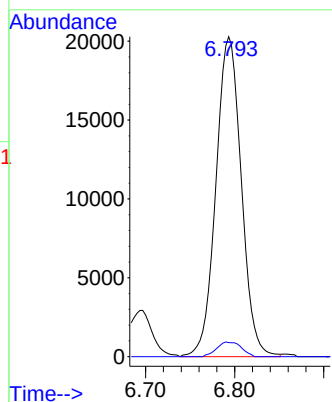
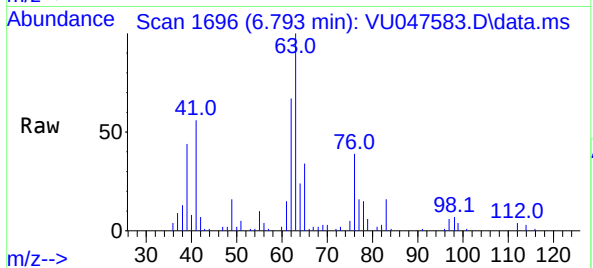




#37
1,2-Dichloropropane
Concen: 5.369 ug/L
RT: 6.793 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

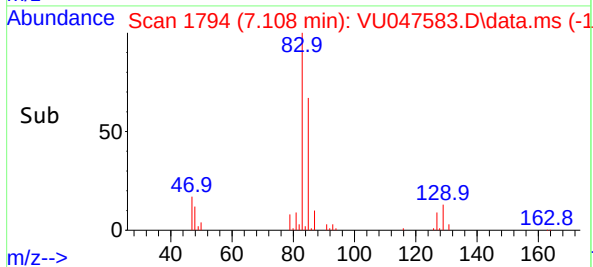
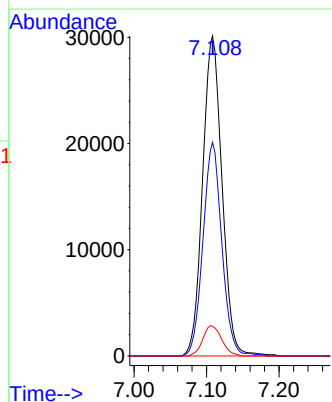
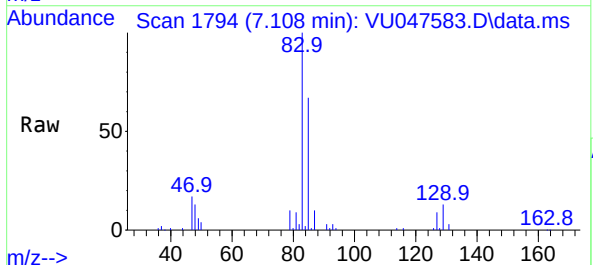
Instrument :
MSVOA_U
ClientSampleId :

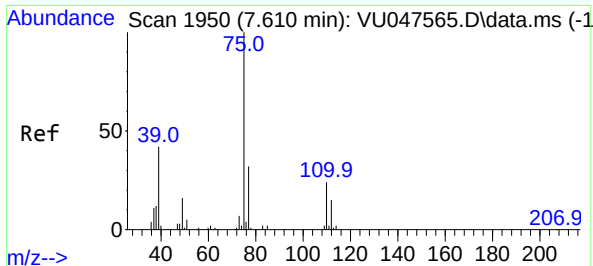
Tgt Ion: 63 Resp: 40178
Ion Ratio Lower Upper
63 100
112 4.4 3.4 5.0



#38
Bromodichloromethane
Concen: 5.441 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Tgt Ion: 83 Resp: 56066
Ion Ratio Lower Upper
83 100
85 66.7 44.2 82.0
127 9.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 4.974 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047583.D

Acq: 15 Mar 2022 17:30

Instrument :

MSVOA_U

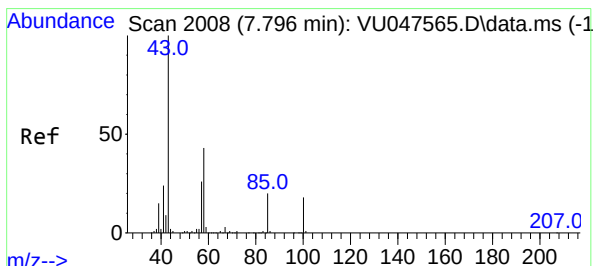
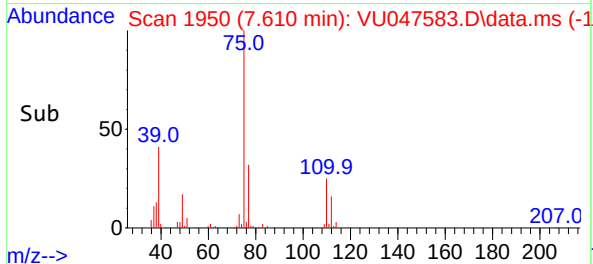
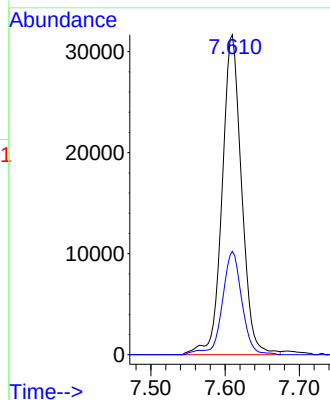
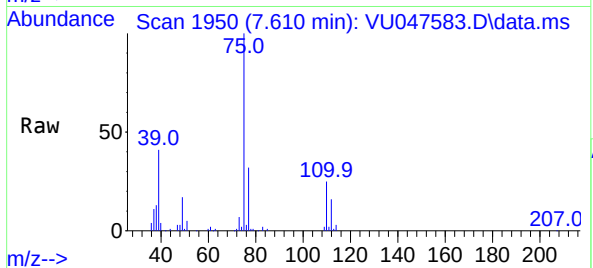
ClientSampleId :

Tgt Ion: 75 Resp: 57837

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 49.361 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047583.D

Acq: 15 Mar 2022 17:30

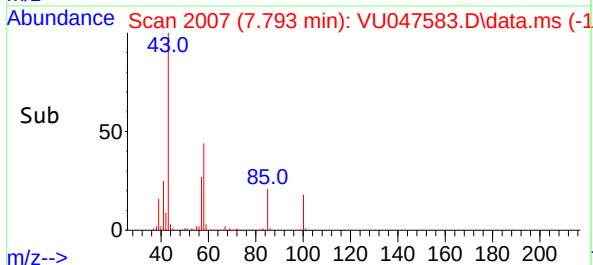
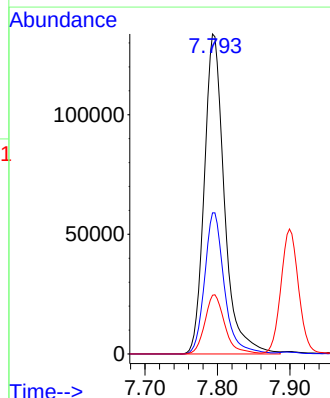
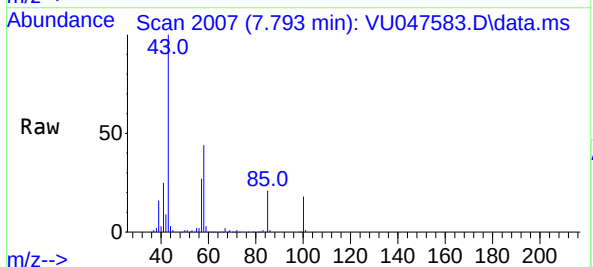
Tgt Ion: 43 Resp: 257479

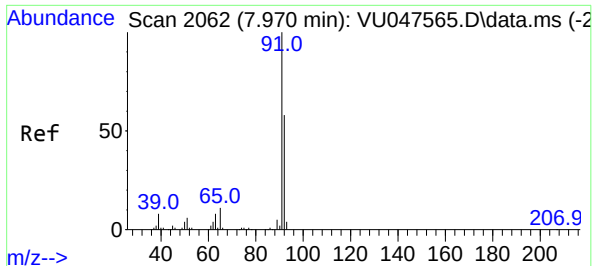
Ion Ratio Lower Upper

43 100

58 43.5 34.5 51.7

100 18.4 13.8 20.6





#42

Toluene

Concen: 5.448 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047583.D

Acq: 15 Mar 2022 17:30

Instrument :

MSVOA_U

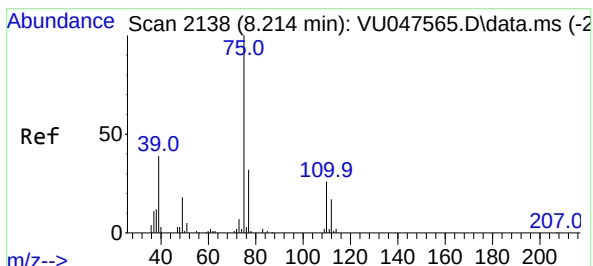
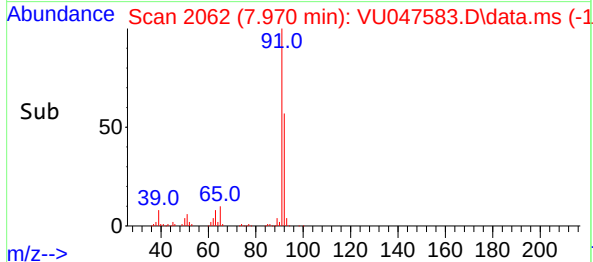
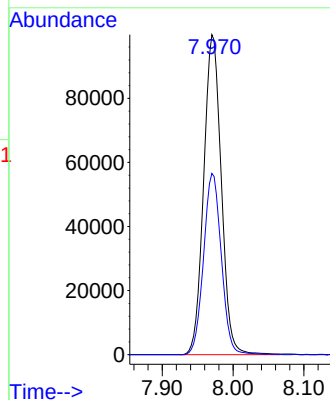
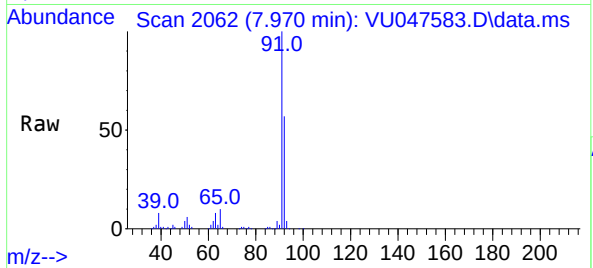
ClientSampleId :

Tgt Ion: 91 Resp: 172459

Ion Ratio Lower Upper

91 100

92 56.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.045 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU047583.D

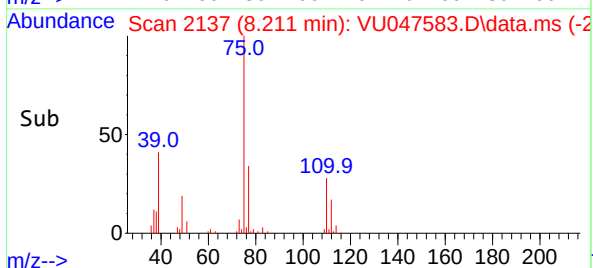
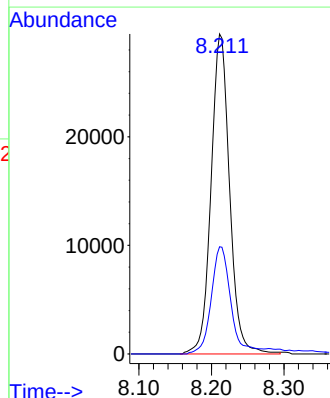
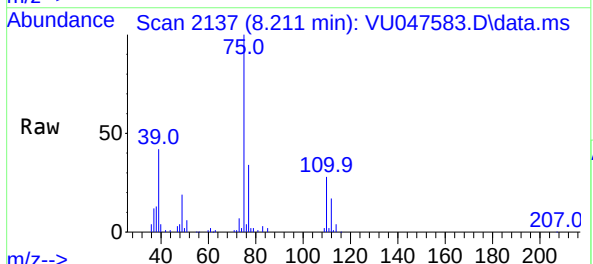
Acq: 15 Mar 2022 17:30

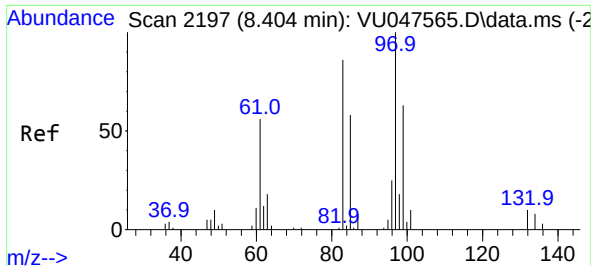
Tgt Ion: 75 Resp: 52331

Ion Ratio Lower Upper

75 100

77 33.5 23.4 43.6



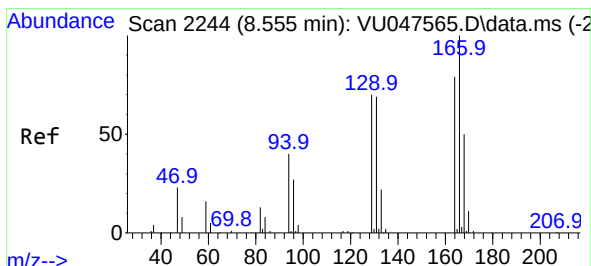
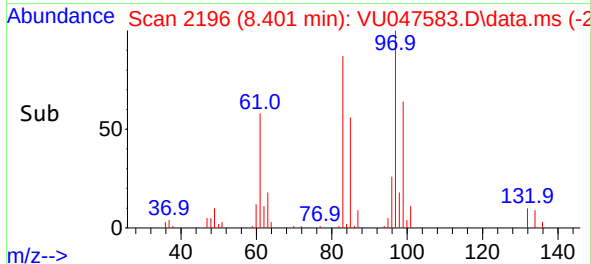
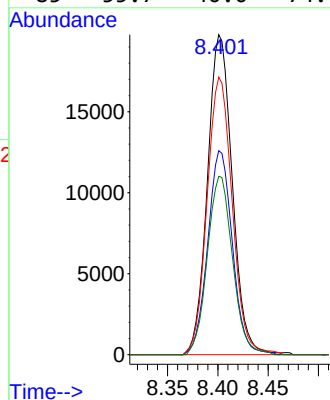
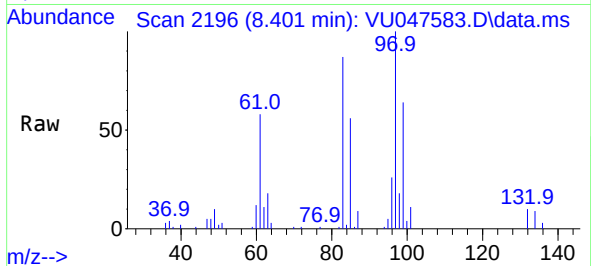


#45
1,1,2-Trichloroethane
Concen: 5.293 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 33957

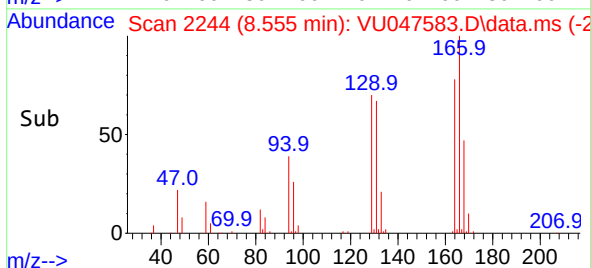
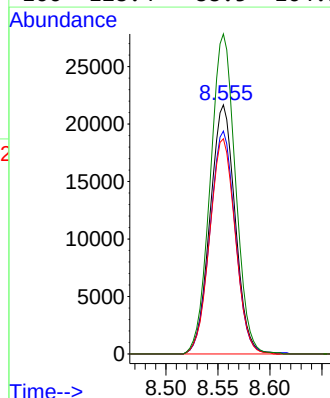
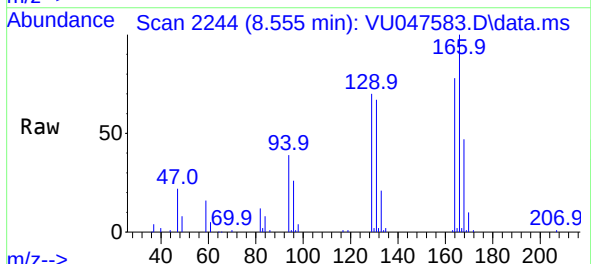
Ion	Ratio	Lower	Upper
97	100		
99	63.7	45.3	84.1
83	86.8	62.2	115.6
85	55.7	40.0	74.4

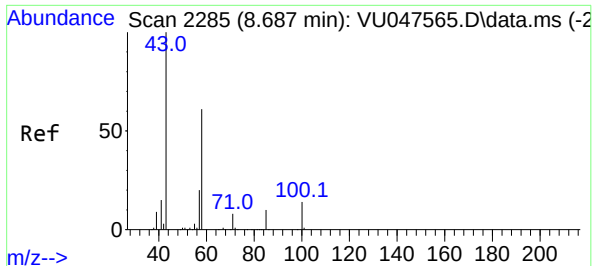


#47
Tetrachloroethene
Concen: 5.509 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Tgt Ion: 164 Resp: 36360

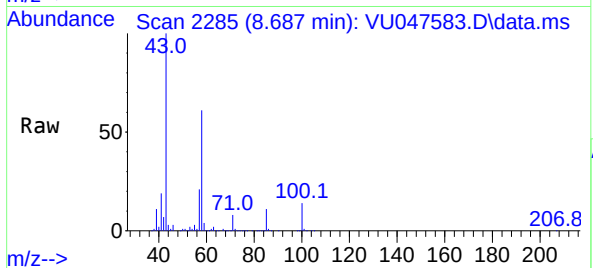
Ion	Ratio	Lower	Upper
164	100		
129	89.4	63.5	117.9
131	86.3	60.5	112.5
166	128.4	88.5	164.3



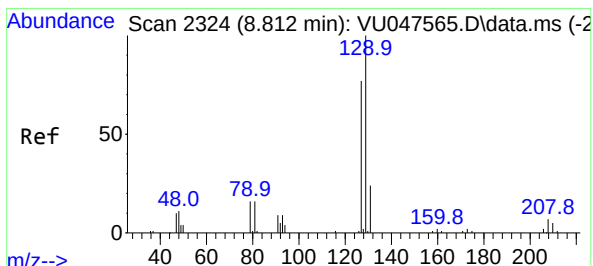
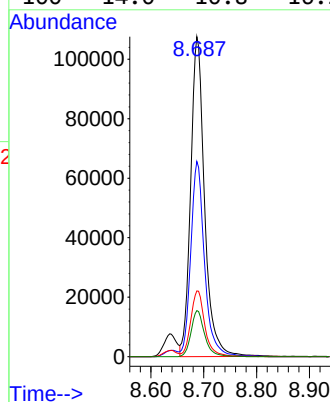
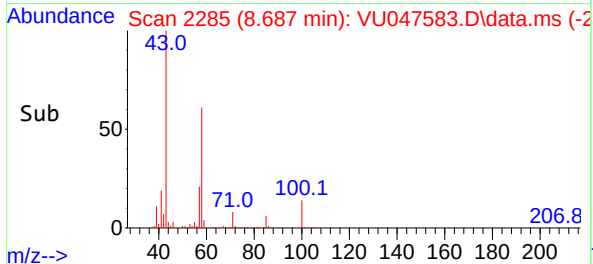


#48
2-Hexanone
Concen: 49.490 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :

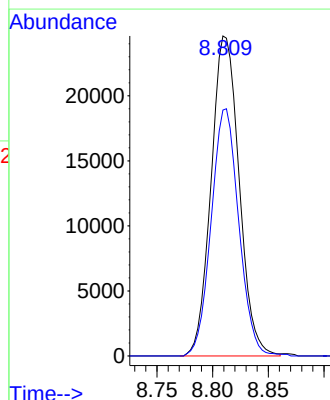
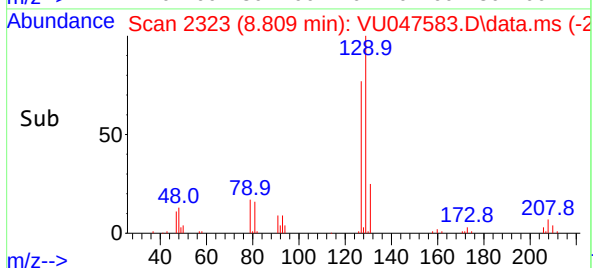
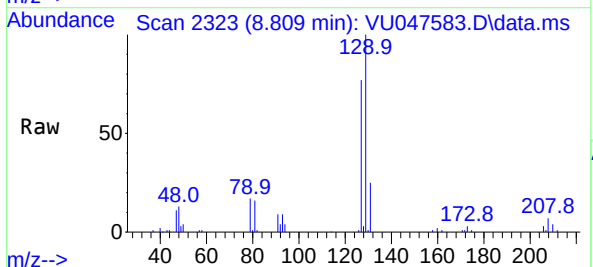


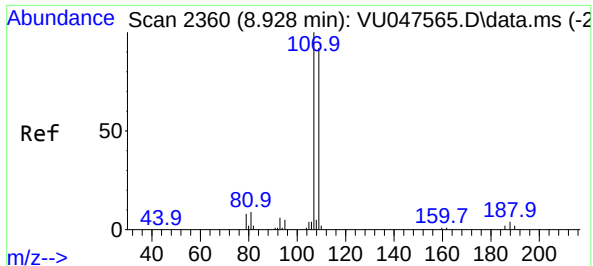
Tgt Ion: 43 Resp: 196471
Ion Ratio Lower Upper
43 100
58 60.8 47.5 71.3
57 20.7 16.0 24.0
100 14.0 10.8 16.2



#49
Dibromochloromethane
Concen: 5.454 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Tgt Ion: 129 Resp: 43103
Ion Ratio Lower Upper
129 100
127 76.8 53.6 99.6

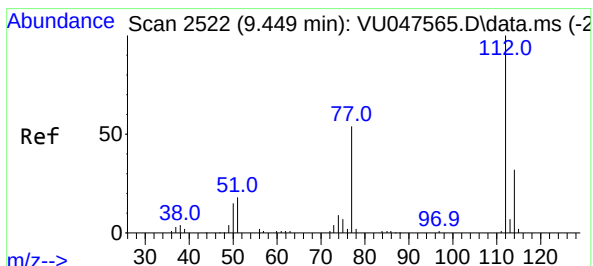
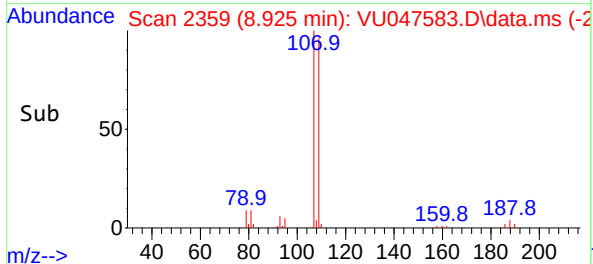
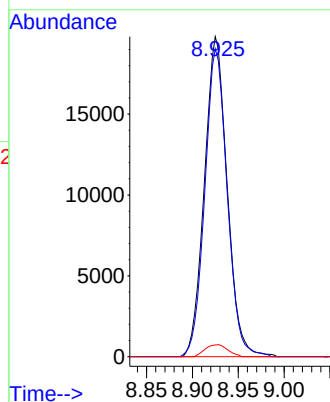
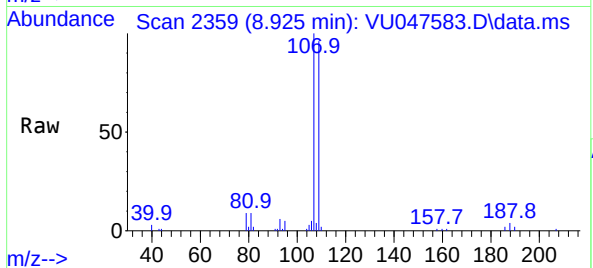




#50
1,2-Dibromoethane
Concen: 5.384 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

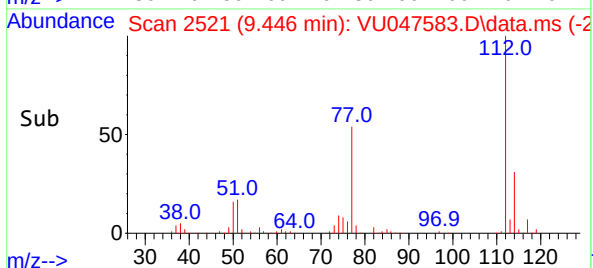
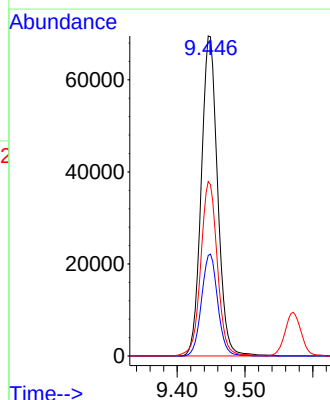
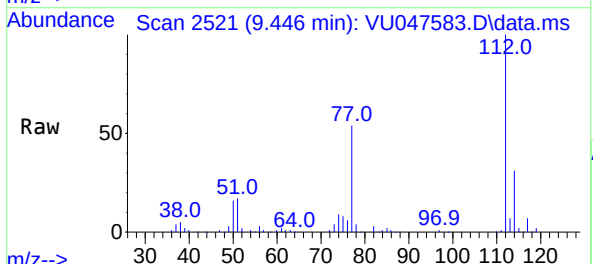
Instrument :
MSVOA_U
ClientSampleId :

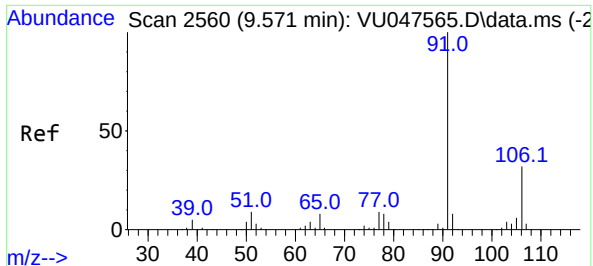
Tgt Ion:107 Resp: 34158
Ion Ratio Lower Upper
107 100
109 96.2 65.3 121.3
188 3.7 3.2 4.8



#51
Chlorobenzene
Concen: 5.377 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Tgt Ion:112 Resp: 116258
Ion Ratio Lower Upper
112 100
114 31.4 22.0 40.8
77 54.5 43.7 65.5

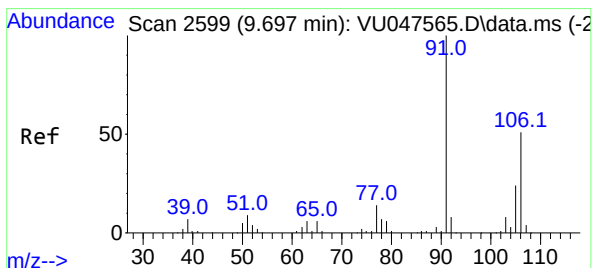
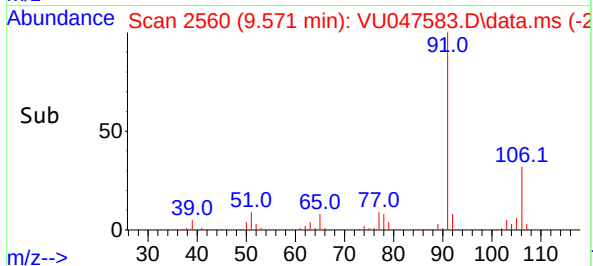
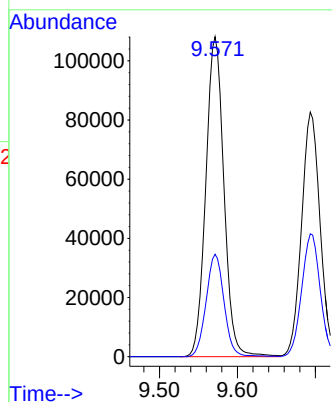
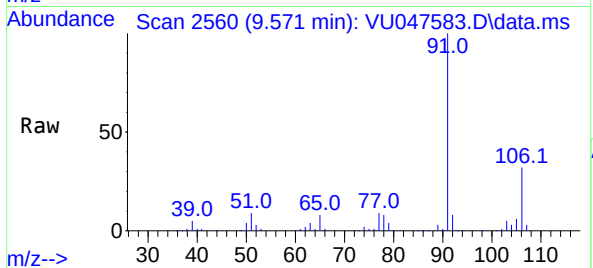




#52
Ethylbenzene
Concen: 5.217 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

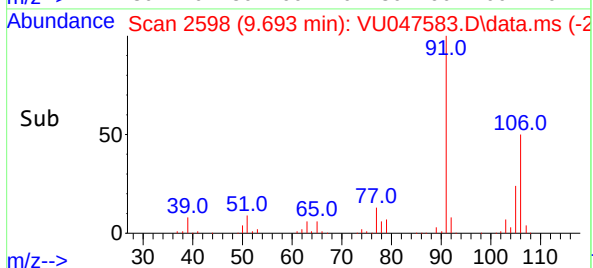
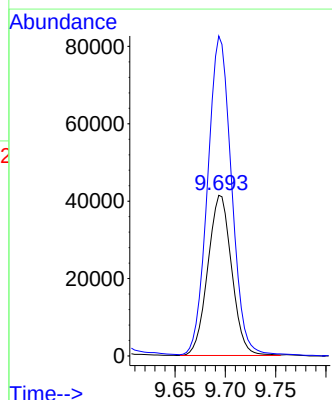
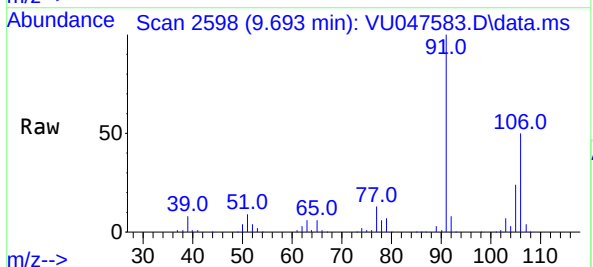
Instrument :
MSVOA_U
ClientSampleId :

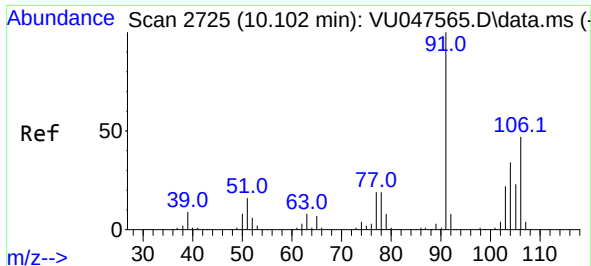
Tgt Ion: 91 Resp: 174905
Ion Ratio Lower Upper
91 100
106 32.0 22.2 41.2



#53
m,p-Xylene
Concen: 5.267 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Tgt Ion: 106 Resp: 68280
Ion Ratio Lower Upper
106 100
91 199.2 136.6 253.8

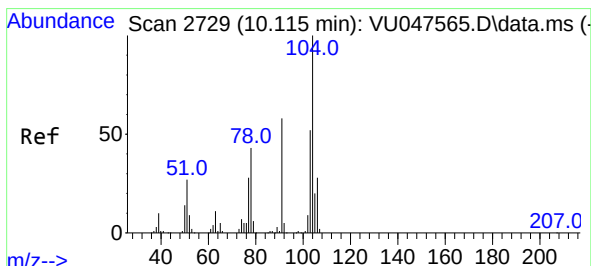
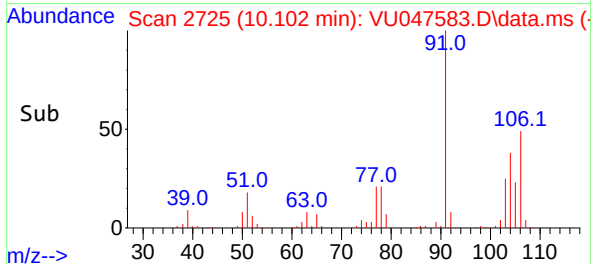
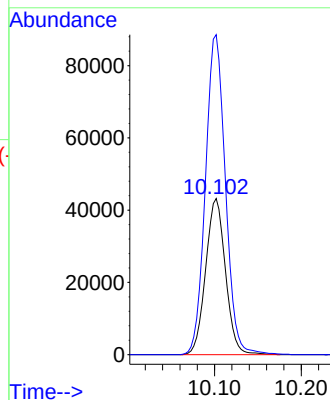
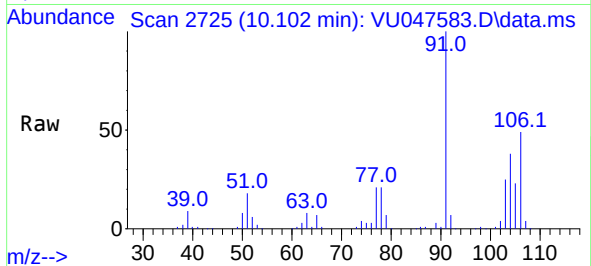




#54
o-Xylene
Concen: 5.370 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

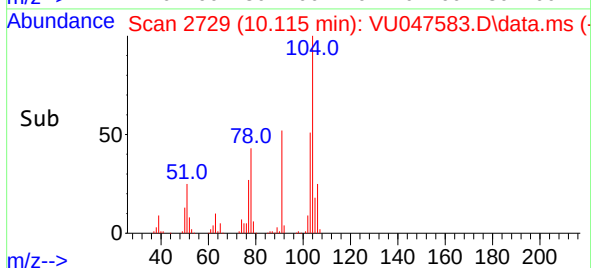
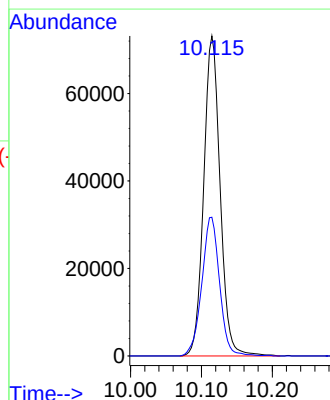
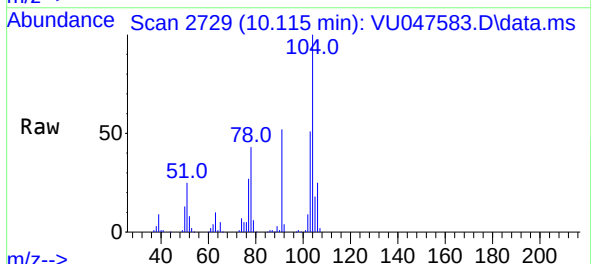
Instrument :
MSVOA_U
ClientSampleId :

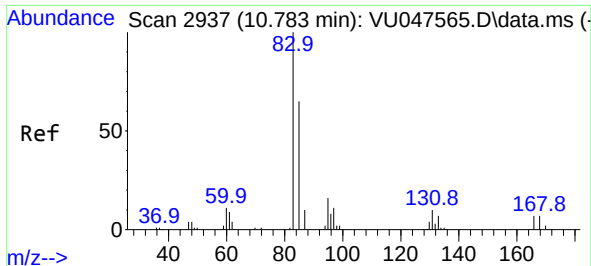
Tgt Ion:106 Resp: 68769
Ion Ratio Lower Upper
106 100
91 204.9 148.5 275.9



#55
Styrene
Concen: 5.361 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Tgt Ion:104 Resp: 117917
Ion Ratio Lower Upper
104 100
78 43.3 31.0 57.6

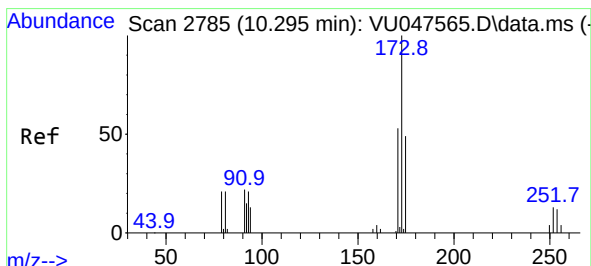
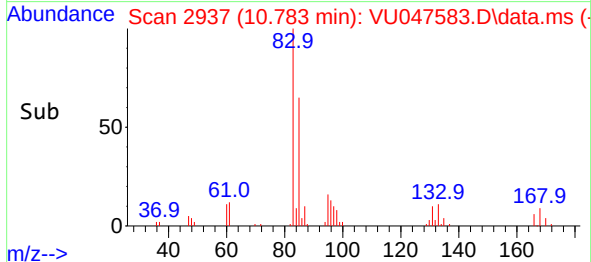
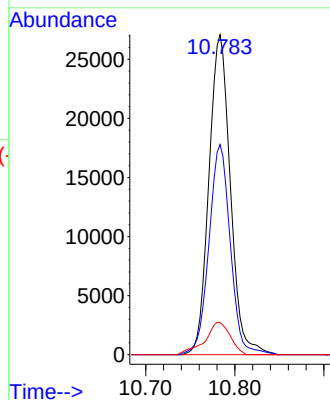
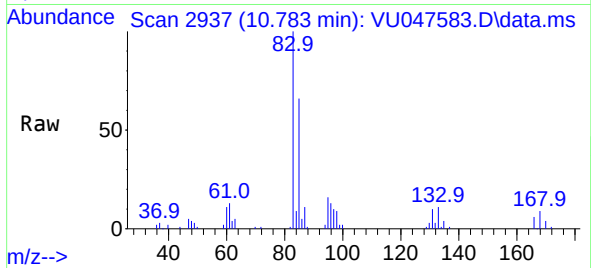




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.255 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VU047583.D
 Acq: 15 Mar 2022 17:30

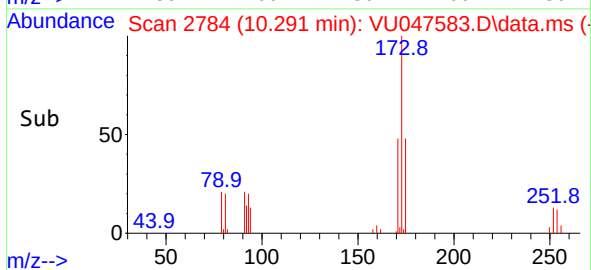
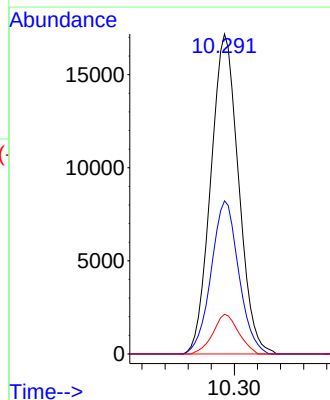
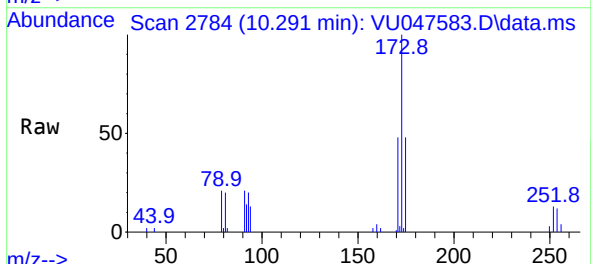
Instrument :
 MSVOA_U
 ClientSampleId :

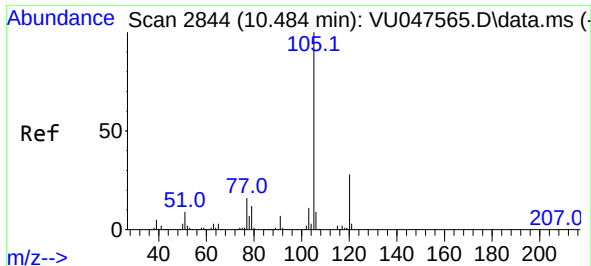
Tgt Ion:	83	Resp:	45198
Ion	Ratio	Lower	Upper
83	100		
85	65.7	46.7	86.7
131	10.0	8.0	12.0



#59
 Bromoform
 Concen: 5.616 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. -0.003 min
 Lab File: VU047583.D
 Acq: 15 Mar 2022 17:30

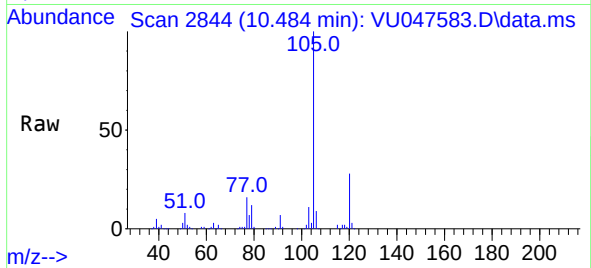
Tgt Ion:	173	Resp:	28617
Ion	Ratio	Lower	Upper
173	100		
175	47.6	39.7	59.5
254	11.5	9.0	13.6



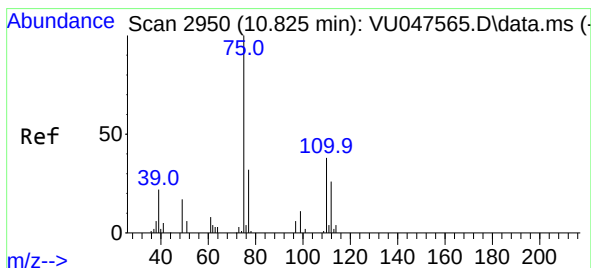
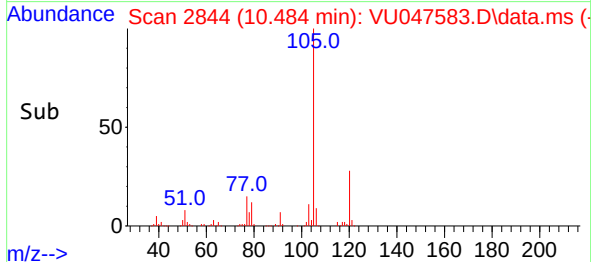
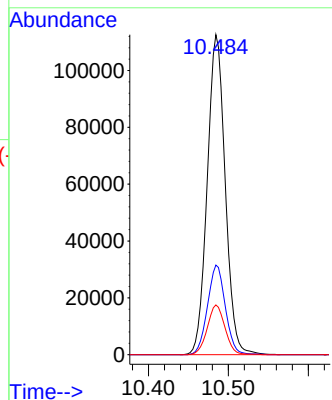


#60
Isopropylbenzene
Concen: 5.405 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :

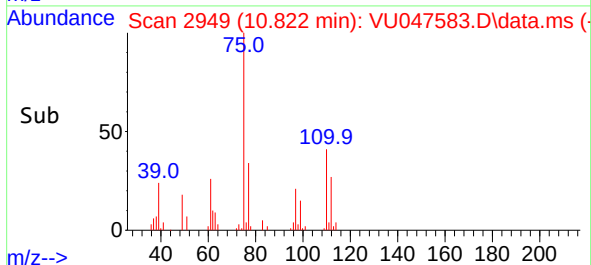
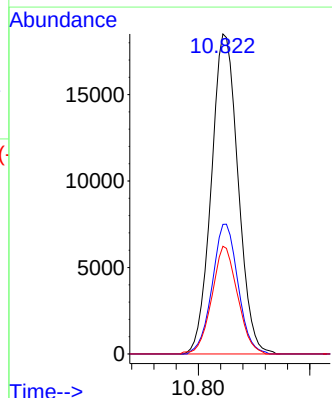
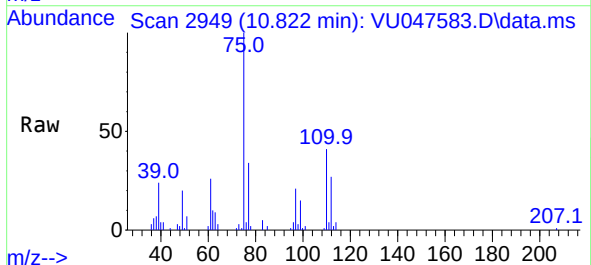


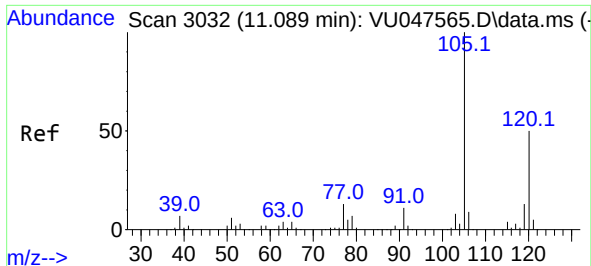
Tgt Ion:105 Resp: 176375
Ion Ratio Lower Upper
105 100
120 27.8 22.2 33.4
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.079 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Tgt Ion: 75 Resp: 30771
Ion Ratio Lower Upper
75 100
110 39.2 30.2 45.4
77 32.5 26.6 39.8





#62

1,3,5-Trimethylbenzene

Concen: 5.260 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047583.D

Acq: 15 Mar 2022 17:30

Instrument :

MSVOA_U

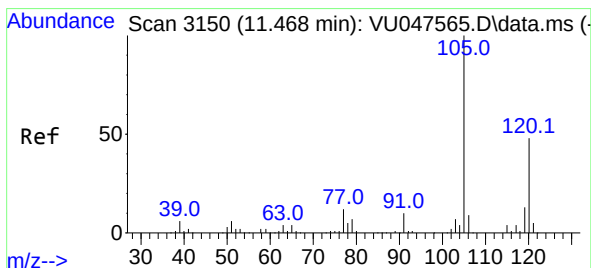
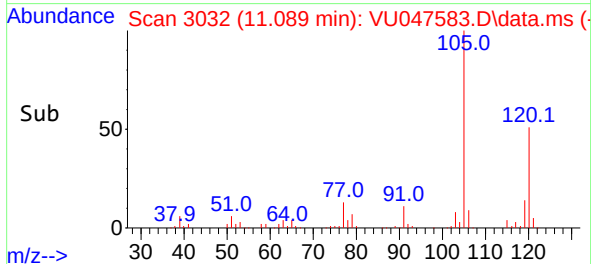
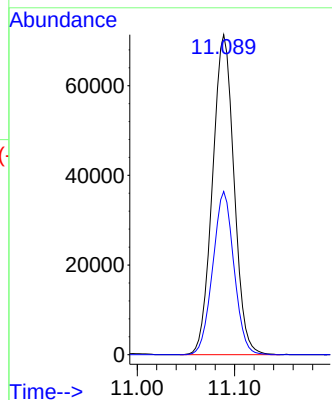
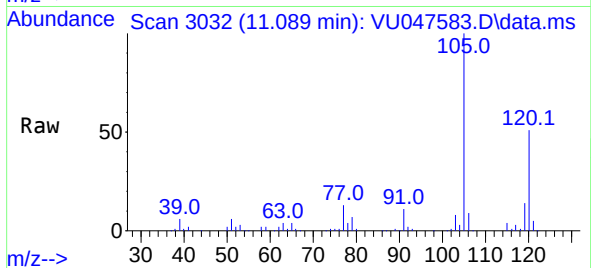
ClientSampleId :

Tgt Ion:105 Resp: 109582

Ion Ratio Lower Upper

105 100

120 50.2 40.2 60.4



#63

1,2,4-Trimethylbenzene

Concen: 5.300 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047583.D

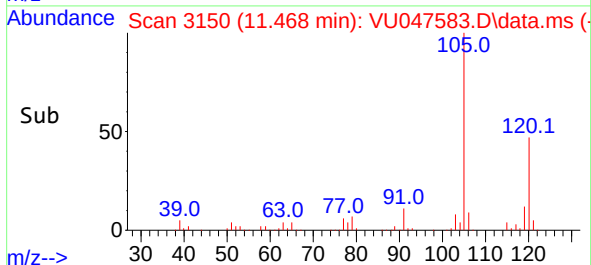
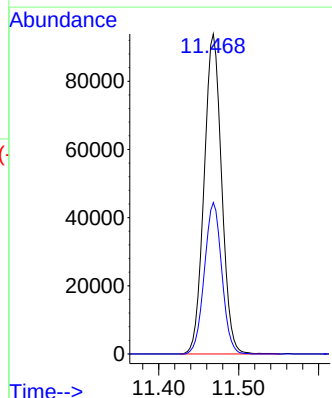
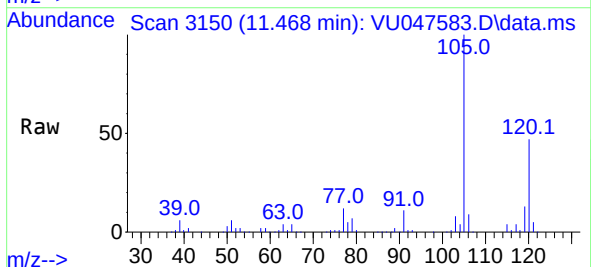
Acq: 15 Mar 2022 17:30

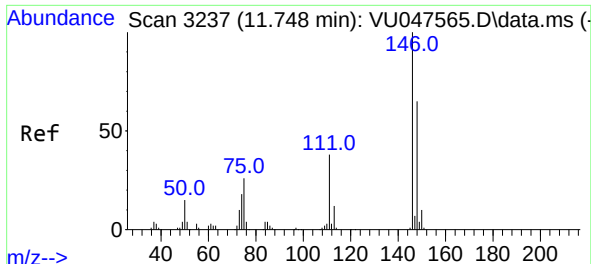
Tgt Ion:105 Resp: 143330

Ion Ratio Lower Upper

105 100

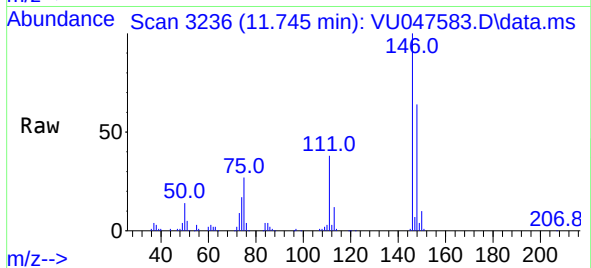
120 47.0 38.2 57.4



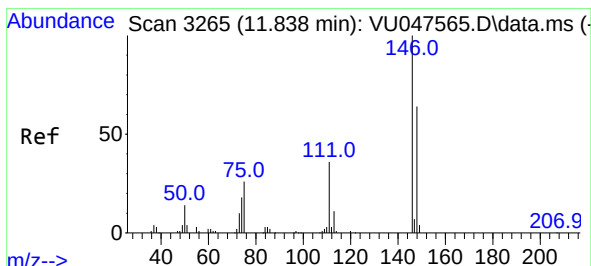
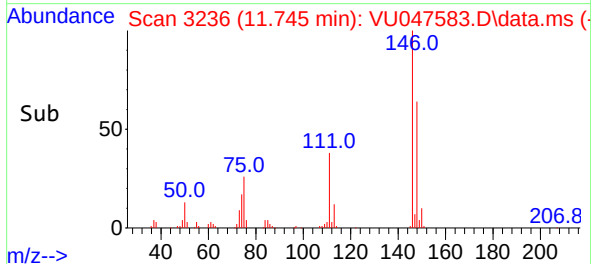
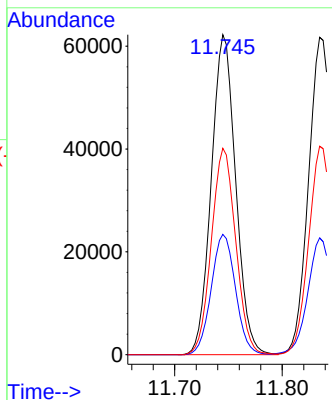


#64
1,3-Dichlorobenzene
Concen: 5.384 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :

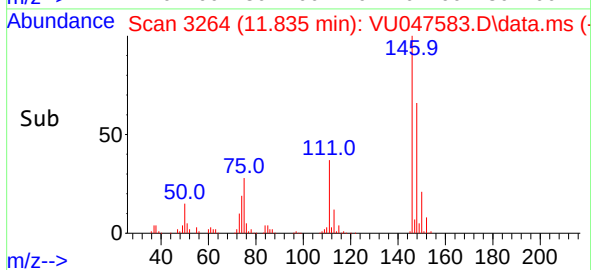
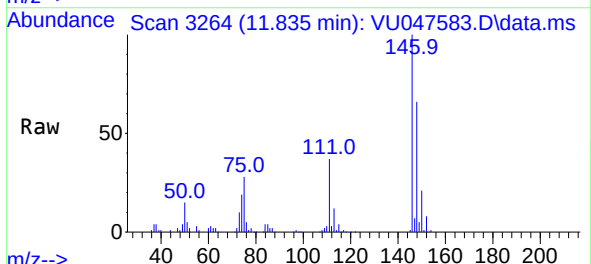
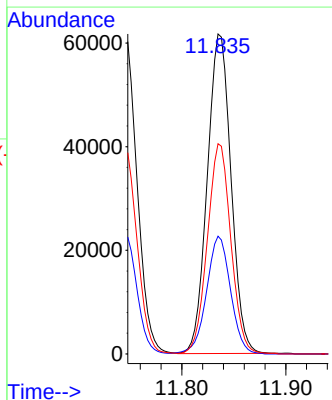


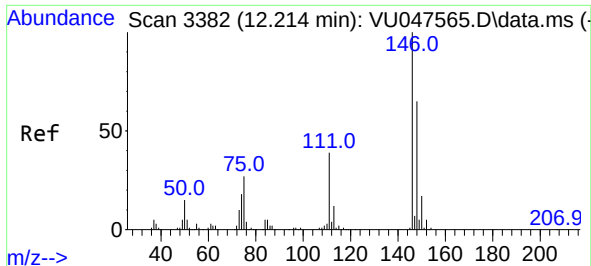
Tgt Ion:146 Resp: 97967
Ion Ratio Lower Upper
146 100
111 37.6 27.7 51.5
148 64.5 46.5 86.5



#65
1,4-Dichlorobenzene
Concen: 5.268 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Tgt Ion:146 Resp: 97930
Ion Ratio Lower Upper
146 100
111 36.8 26.2 48.8
148 65.7 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.273 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047583.D

Acq: 15 Mar 2022 17:30

Instrument :

MSVOA_U

ClientSampleId :

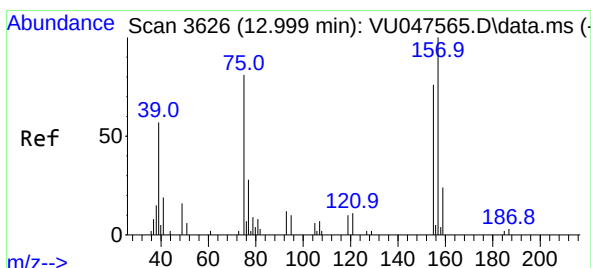
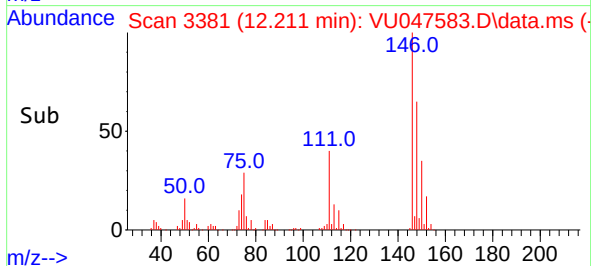
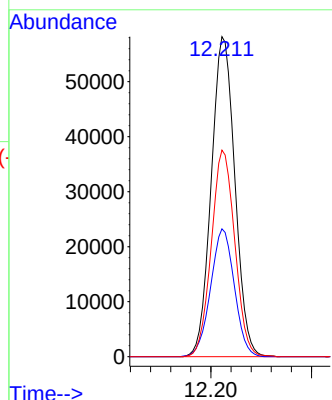
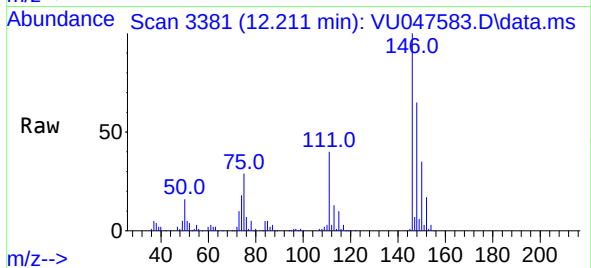
Tgt Ion:146 Resp: 94879

Ion Ratio Lower Upper

146 100

111 39.9 31.4 47.0

148 64.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.172 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU047583.D

Acq: 15 Mar 2022 17:30

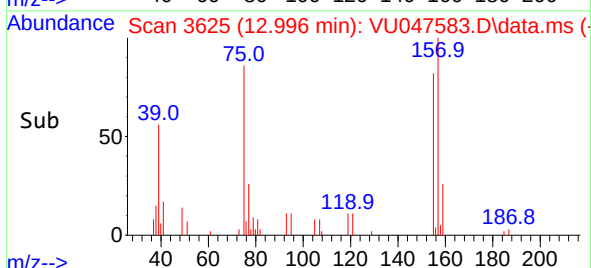
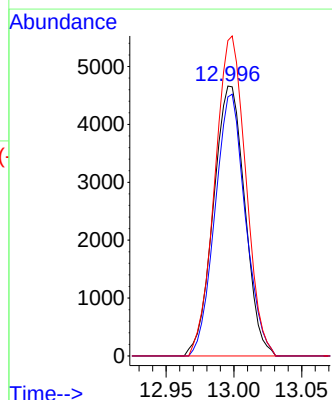
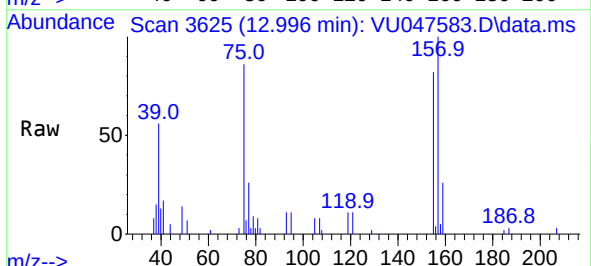
Tgt Ion: 75 Resp: 7517

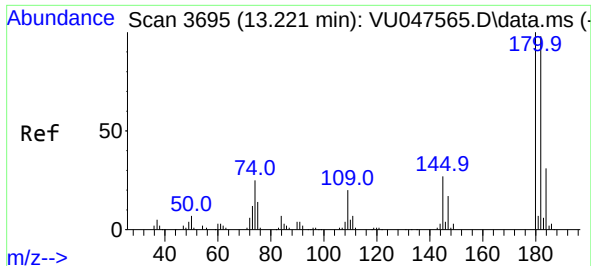
Ion Ratio Lower Upper

75 100

155 95.9 70.8 106.2

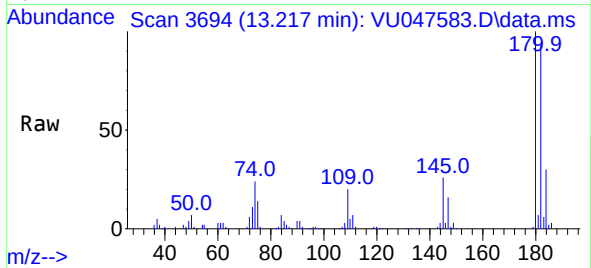
157 116.8 99.4 149.2



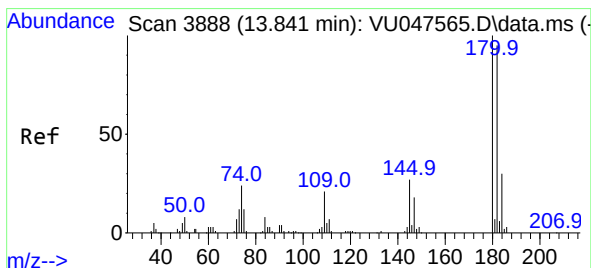
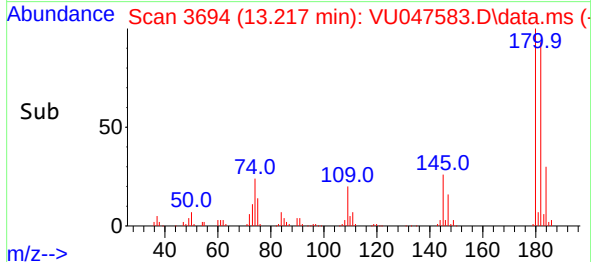
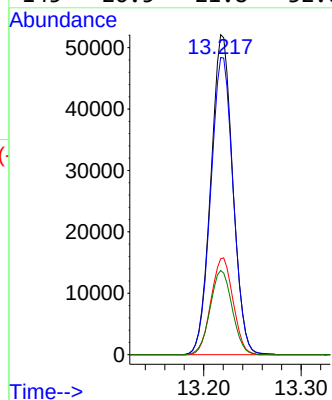


#69
 1,3,5-Trichlorobenzene
 Concen: 5.287 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU047583.D
 Acq: 15 Mar 2022 17:30

Instrument :
 MSVOA_U
 ClientSampleId :

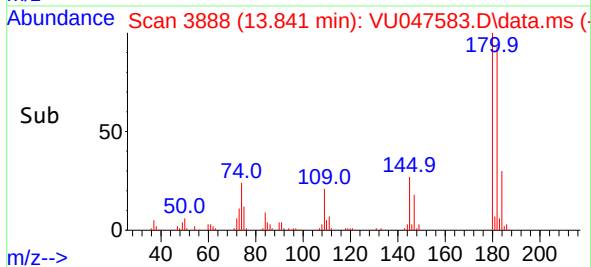
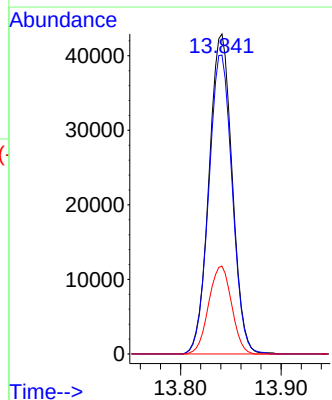
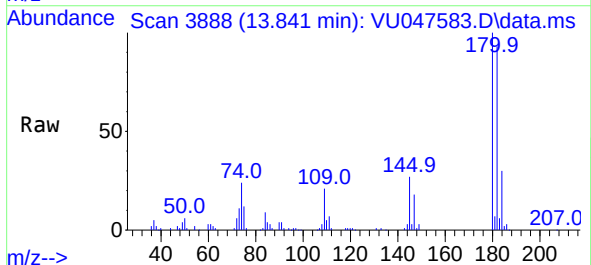


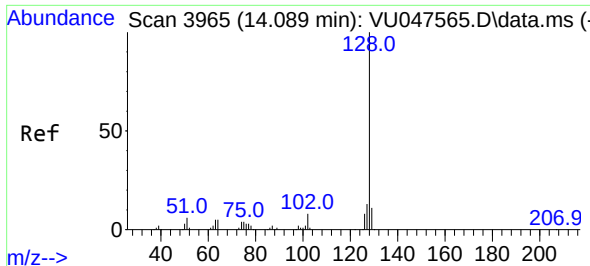
Tgt Ion:180 Resp: 81333
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.3 115.9
 184 30.3 24.3 36.5
 145 26.5 21.8 32.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.086 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047583.D
 Acq: 15 Mar 2022 17:30

Tgt Ion:180 Resp: 68825
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.6 114.8
 145 27.1 22.5 33.7

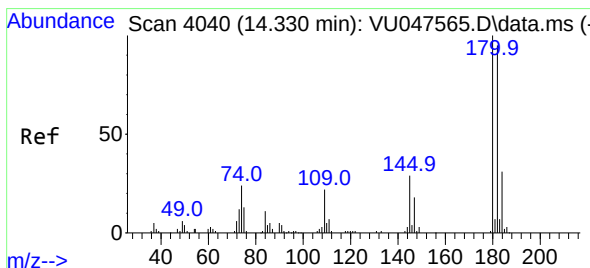
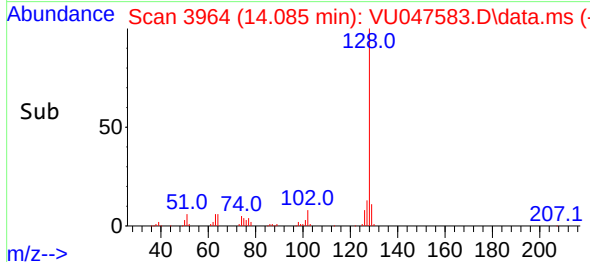
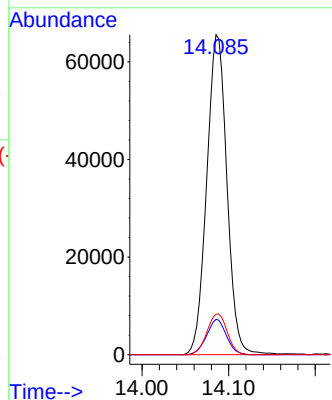
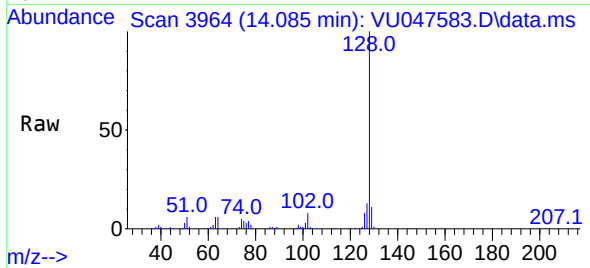




#71
Naphthalene
Concen: 4.230 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 106241
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.818 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047583.D
Acq: 15 Mar 2022 17:30

Tgt Ion:180 Resp: 62566
Ion Ratio Lower Upper
180 100
182 95.4 77.8 116.8
145 28.9 23.7 35.5

