

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U020422\
 Data File : U047057.D
 Acq On : 04 Feb 2022 19:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 01:36:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 01:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	97565	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	108546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62858	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	61596	4.921	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.919	69	46894	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.571	65	23615	5.271	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.400%
20) 2-Butanone-d5	4.632	46	130080	51.978	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.960%
24) Chloroform-d	5.067	84	104028	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.706	65	52470	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.732	84	207335	5.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
36) 1,2-Dichloropropane-d6	6.693	67	62798	5.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.899	98	190355	5.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.800%
43) trans-1,3-Dichloroprop...	8.182	79	24705	5.467	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.400%
46) 2-Hexanone-d5	8.636	63	115327	55.096	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	55563	5.488	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	66314	5.182	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	48853	5.493	ug/L	100
3) Chloromethane	1.526	50	55019	5.021	ug/L	98
5) Vinyl chloride	1.607	62	55909	5.069	ug/L	97
6) Bromomethane	1.864	94	30387	4.975	ug/L	97
8) Chloroethane	1.938	64	32346	4.942	ug/L	96
9) Trichlorofluoromethane	2.144	101	70197	5.033	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	40651	4.951	ug/L	97
12) 1,1-Dichloroethene	2.588	96	37956	5.240	ug/L	89
13) Acetone	2.645	43	63302	43.828	ug/L	100
14) Carbon disulfide	2.800	76	114494	5.047	ug/L	98
15) Methyl Acetate	2.961	43	15985	5.330	ug/L	99
16) Methylene chloride	3.051	84	44034	4.808	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	83438	5.237	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	39403	5.210	ug/L	99
19) 1,1-Dichloroethane	3.877	63	73503	5.226	ug/L	97
21) 2-Butanone	4.713	43	104461	50.468	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	42545	5.355	ug/L	96
23) Bromochloromethane	4.980	128	20597	5.374	ug/L	96
25) Chloroform	5.092	83	76990	4.808	ug/L	99

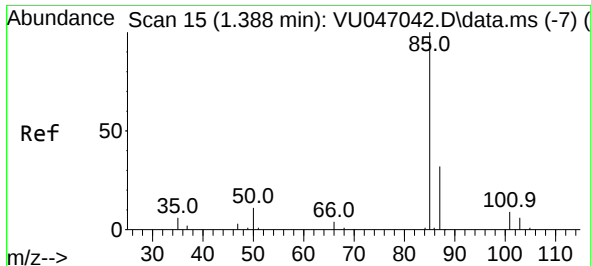
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	47426	5.164	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	65458	5.276	ug/L	98
30) Cyclohexane	5.394	56	52354	5.227	ug/L	98
31) Carbon tetrachloride	5.526	117	55405	5.228	ug/L	96
33) Benzene	5.777	78	168039	5.512	ug/L	100
34) Trichloroethene	6.546	95	41940	5.441	ug/L	95
35) Methylcyclohexane	6.767	83	53131	4.974	ug/L	98
37) 1,2-Dichloropropane	6.793	63	43107	5.347	ug/L	98
38) Bromodichloromethane	7.108	83	53649	5.123	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	56282	5.376	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	238718	55.443	ug/L	99
42) Toluene	7.973	91	180829	5.773	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	51448	5.500	ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	34207	5.704	ug/L	96
47) Tetrachloroethene	8.555	164	38759	6.480	ug/L	96
48) 2-Hexanone	8.687	43	187180	56.454	ug/L	98
49) Dibromochloromethane	8.812	129	37572	5.363	ug/L	95
50) 1,2-Dibromoethane	8.925	107	31283	5.647	ug/L	93
51) Chlorobenzene	9.449	112	111265	5.413	ug/L	97
52) Ethylbenzene	9.574	91	169212	5.375	ug/L	100
53) m,p-Xylene	9.697	106	67794	5.540	ug/L	95
54) o-Xylene	10.102	106	65312	5.741	ug/L	98
55) Styrene	10.118	104	115742	5.782	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	41288	5.291	ug/L	98
59) Bromoform	10.291	173	20674	5.194	ug/L	97
60) Isopropylbenzene	10.488	105	168335	5.430	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	30341	5.174	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	120902	5.082	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	126710	5.246	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	86879	5.245	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	87048	5.087	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	83520	5.225	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	5914	4.887	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	61766	4.967	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	49297	4.867	ug/L	96
71) Naphthalene	14.085	128	85946	4.903	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	49455	5.116	ug/L	98

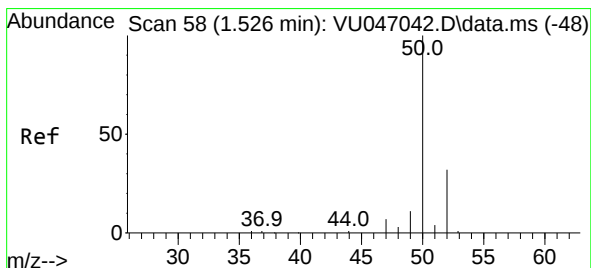
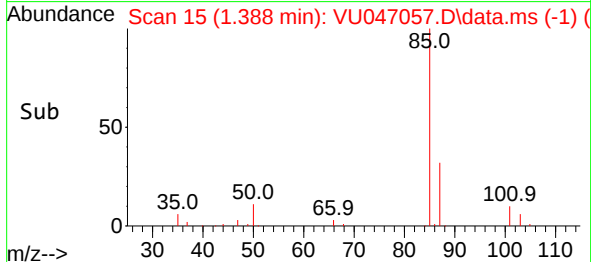
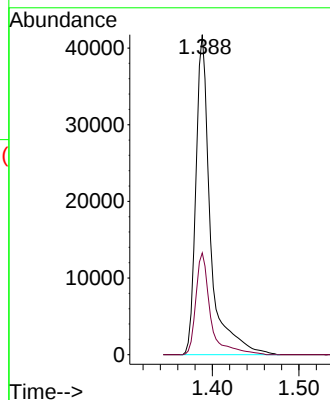
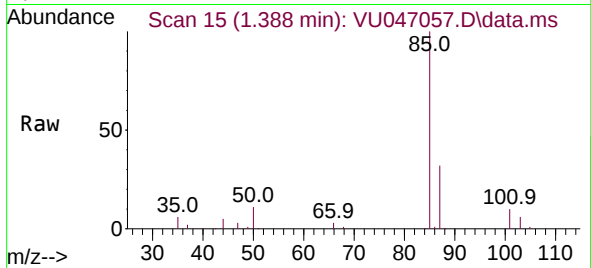
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.493 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU047057.D
 Acq: 04 Feb 2022 19:59

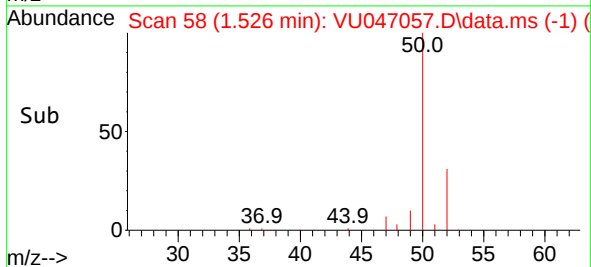
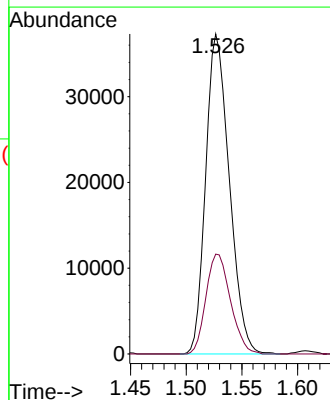
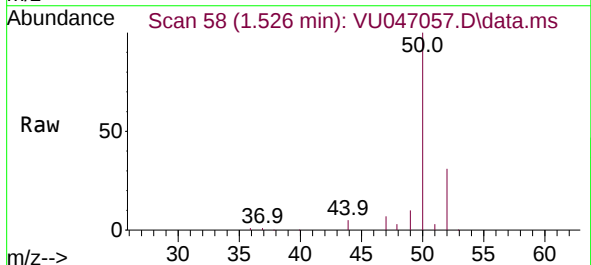
Instrument :
 MSVOA_U
 ClientSampleId :

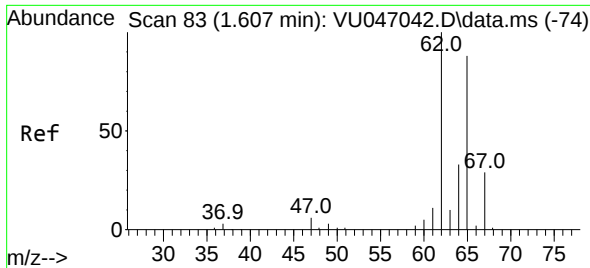
Tgt Ion: 85 Resp: 48853
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.9 38.9



#3
 Chloromethane
 Concen: 5.021 ug/L
 RT: 1.526 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VU047057.D
 Acq: 04 Feb 2022 19:59

Tgt Ion: 50 Resp: 55019
 Ion Ratio Lower Upper
 50 100
 52 31.2 22.7 42.3

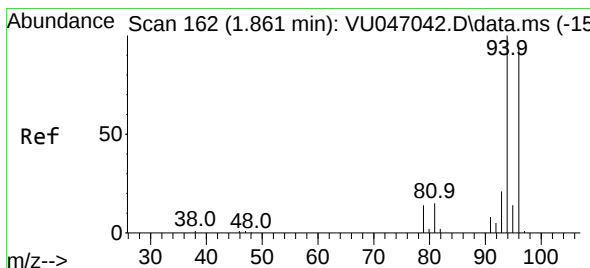
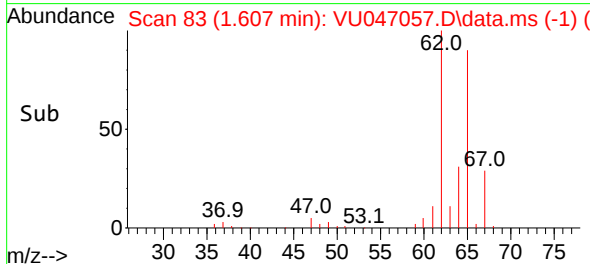
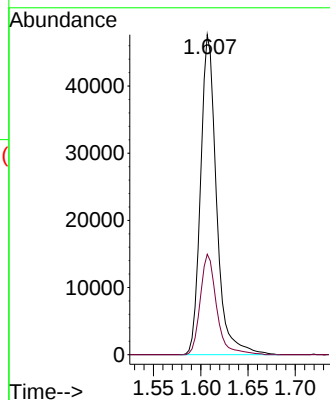
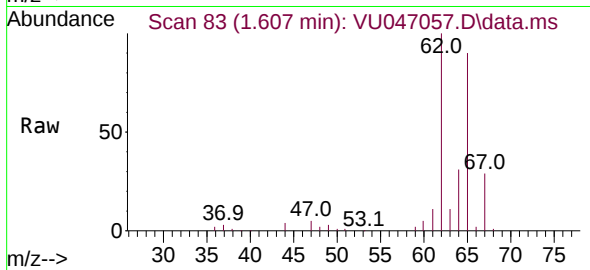




#5
 Vinyl chloride
 Concen: 5.069 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047057.D
 Acq: 04 Feb 2022 19:59

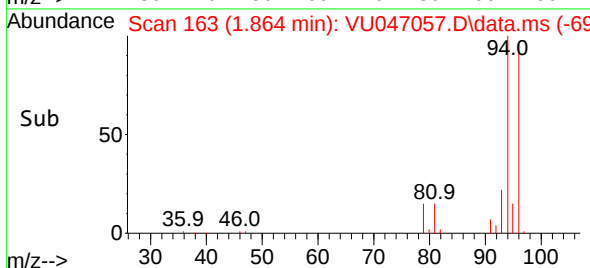
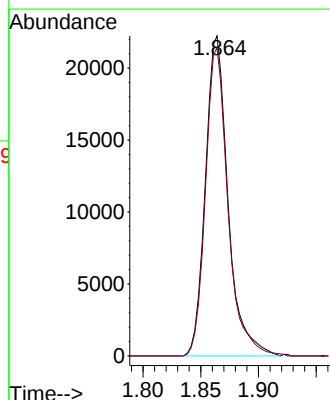
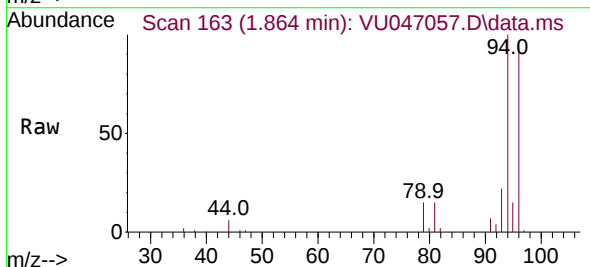
Instrument :
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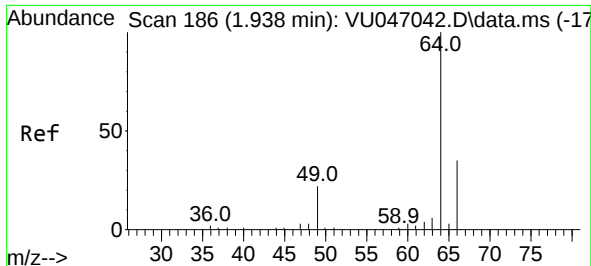
Tgt Ion: 62 Resp: 55909
 Ion Ratio Lower Upper
 62 100
 64 31.4 23.1 42.9



#6
 Bromomethane
 Concen: 4.975 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU047057.D
 Acq: 04 Feb 2022 19:59

Tgt Ion: 94 Resp: 30387
 Ion Ratio Lower Upper
 94 100
 96 96.4 65.6 121.8

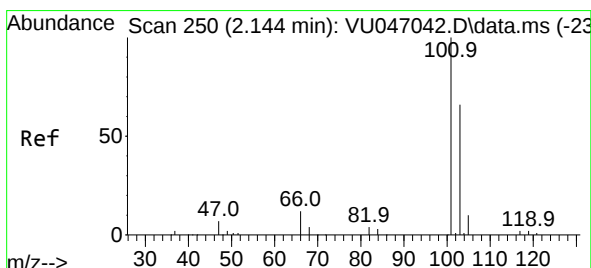
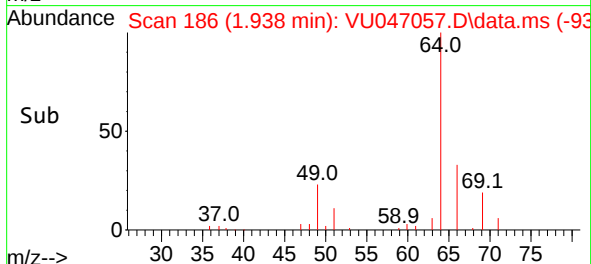
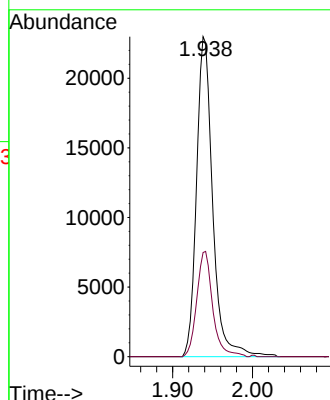
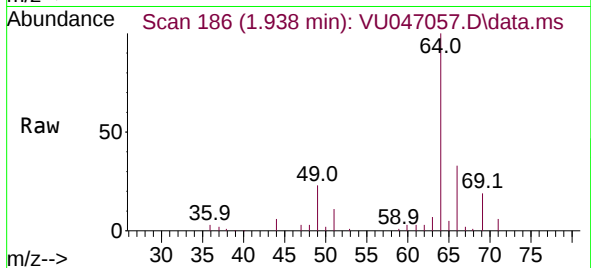




#8
Chloroethane
Concen: 4.942 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

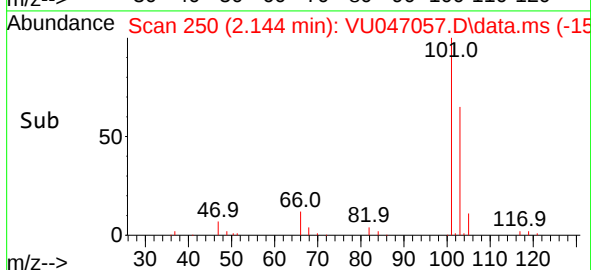
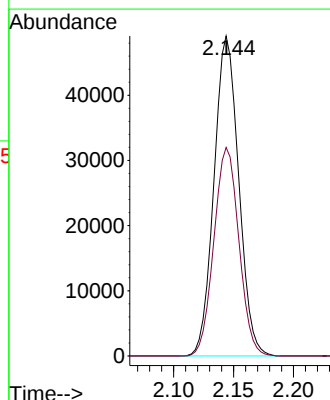
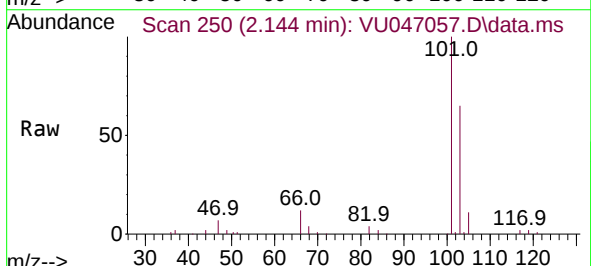
Instrument :
MSVOA_U
ClientSampleId :

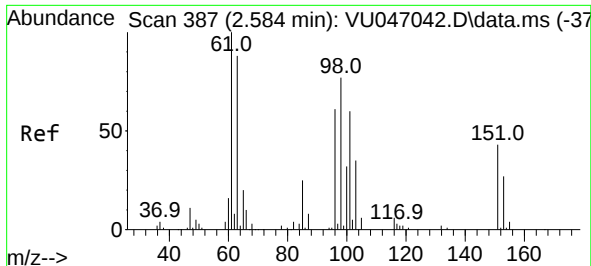
Tgt Ion: 64 Resp: 32346
Ion Ratio Lower Upper
64 100
66 32.5 24.4 45.4



#9
Trichlorofluoromethane
Concen: 5.033 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

Tgt Ion:101 Resp: 70197
Ion Ratio Lower Upper
101 100
103 65.9 51.7 77.5





#10

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

Concen: 4.951 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.003 min

Lab File: VU047057.D

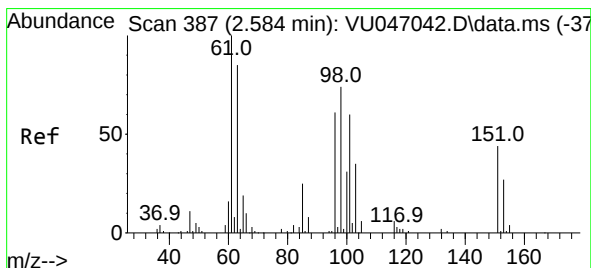
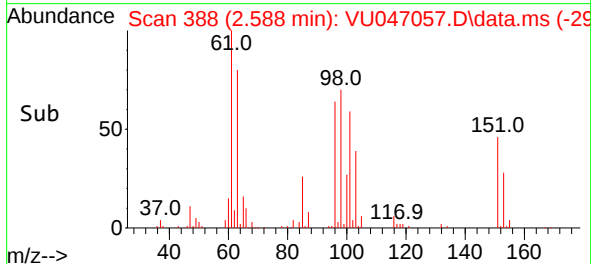
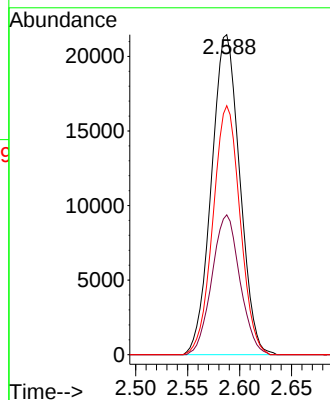
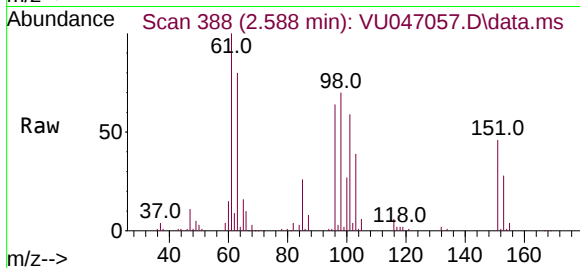
Acq: 04 Feb 2022 19:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	40651
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.8	50.6
151	74.7	57.2	85.8



#12

1,1-Dichloroethene

Concen: 5.240 ug/L

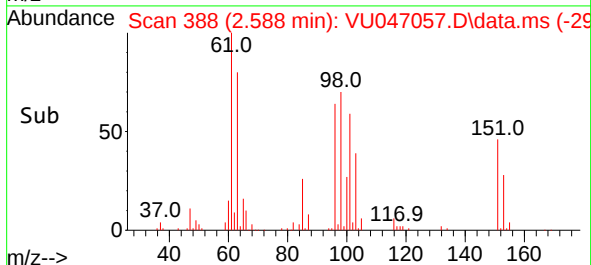
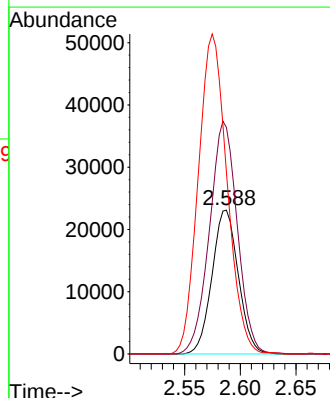
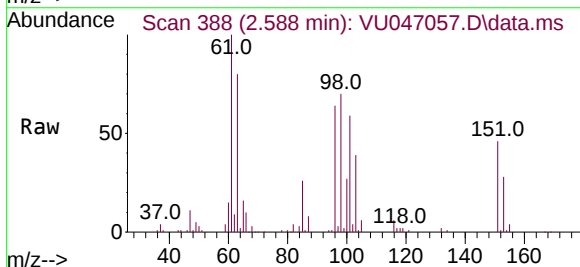
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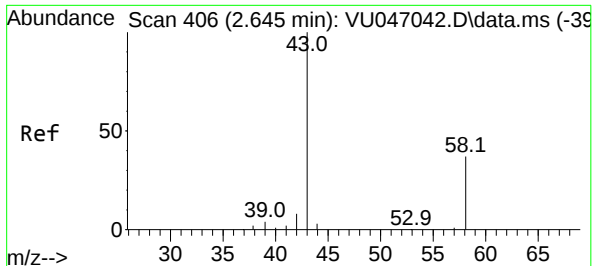
Delta R.T. 0.003 min

Lab File: VU047057.D

Acq: 04 Feb 2022 19:59

Tgt Ion:	96	Resp:	37956
Ion Ratio	Lower	Upper	
96	100		
61	157.4	115.5	214.5
63	126.1	103.6	192.4





#13

Acetone

Concen: 43.828 ug/L

RT: 2.645 min Scan# 406

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

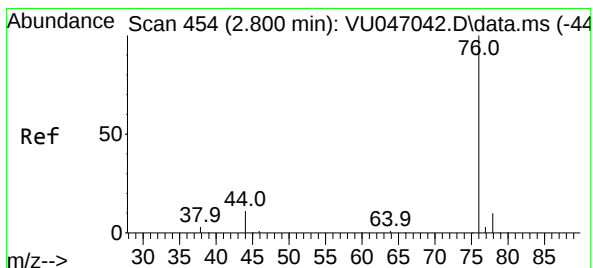
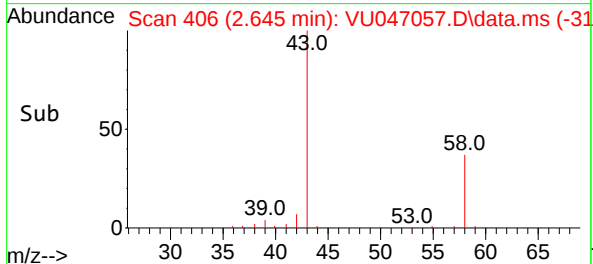
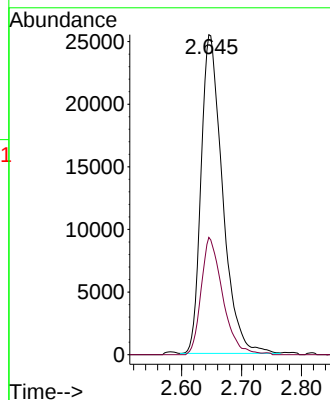
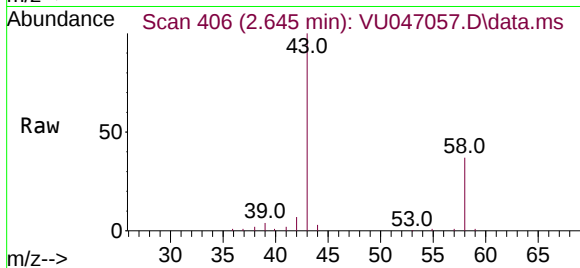
ClientSampleId :

Tgt Ion: 43 Resp: 63302

Ion Ratio Lower Upper

43 100

58 36.7 0.0 74.0



#14

Carbon disulfide

Concen: 5.047 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047057.D

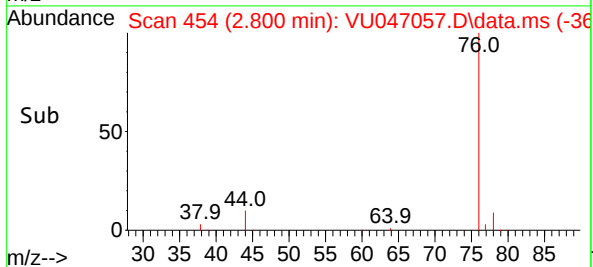
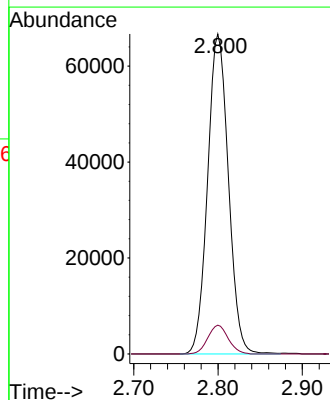
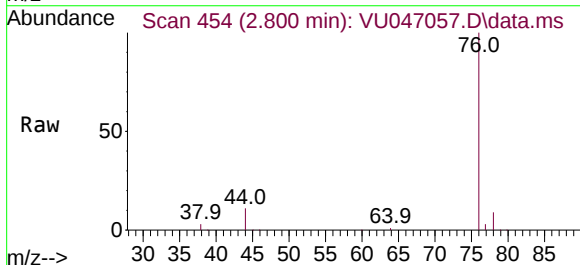
Acq: 04 Feb 2022 19:59

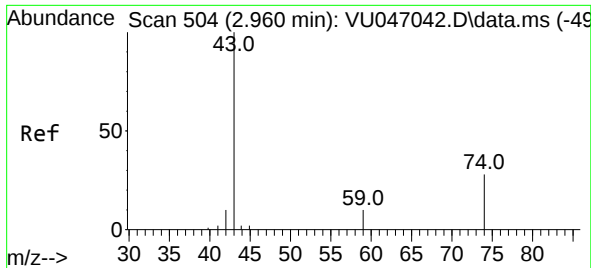
Tgt Ion: 76 Resp: 114494

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.6

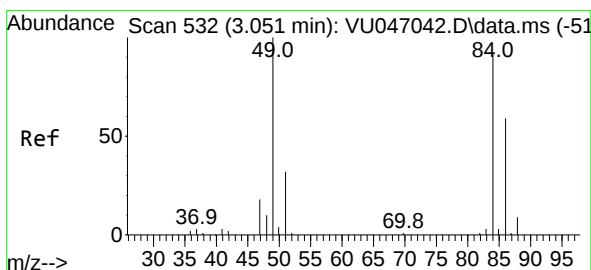
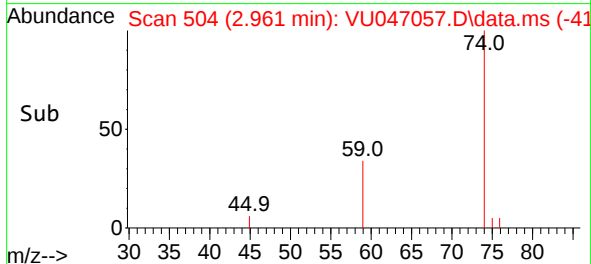
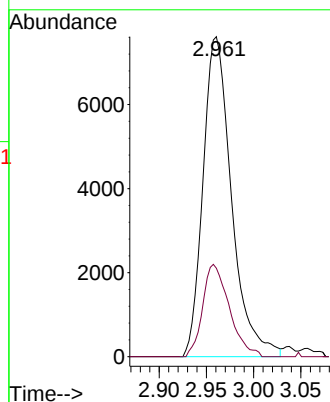
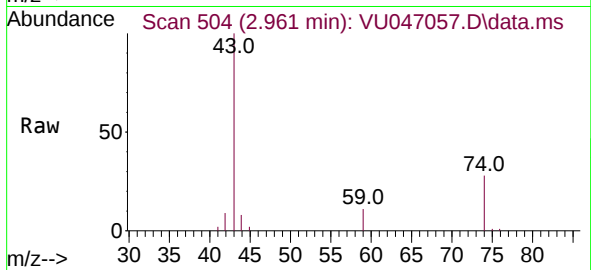




#15
Methyl Acetate
Concen: 5.330 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

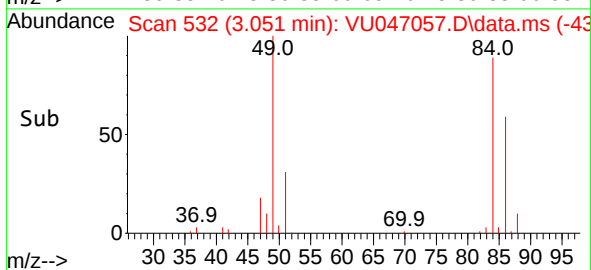
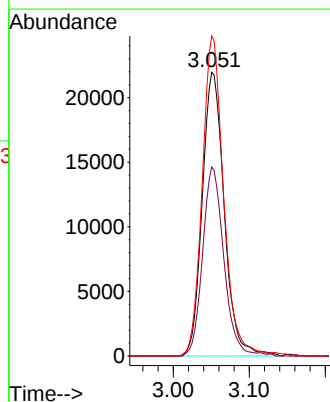
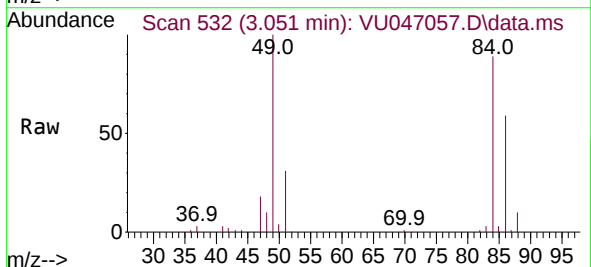
Instrument :
MSVOA_U
ClientSampleId :

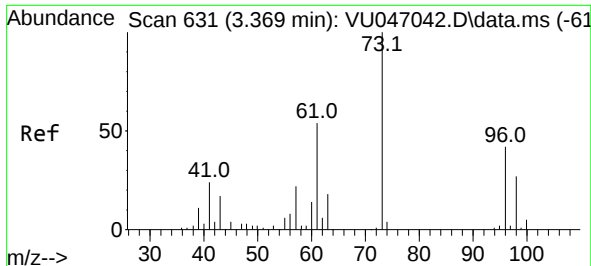
Tgt Ion: 43 Resp: 15985
Ion Ratio Lower Upper
43 100
74 26.9 21.0 31.4



#16
Methylene chloride
Concen: 4.808 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

Tgt Ion: 84 Resp: 44034
Ion Ratio Lower Upper
84 100
86 66.6 45.1 83.7
49 112.8 76.4 141.8

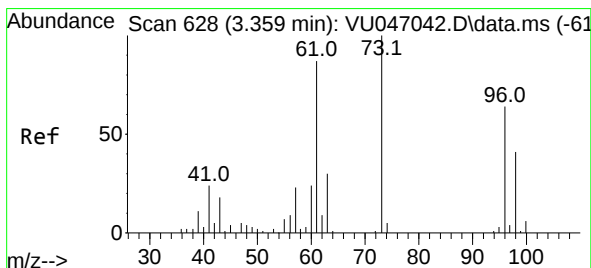
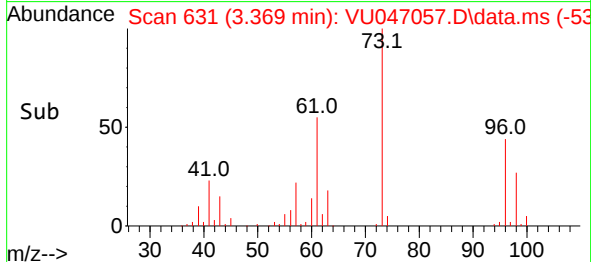
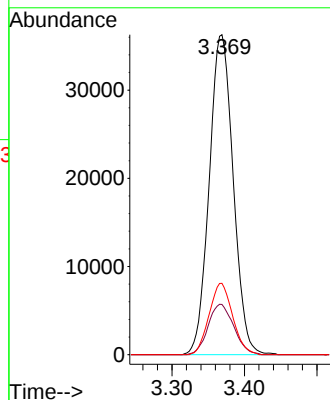
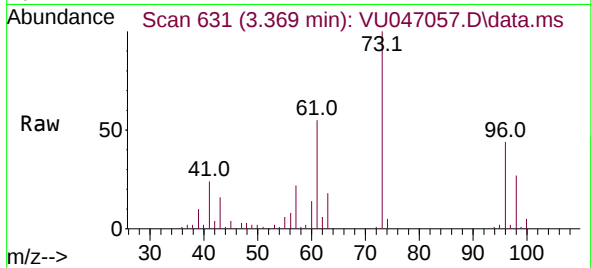




#17
Methyl tert-butyl Ether
Concen: 5.237 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

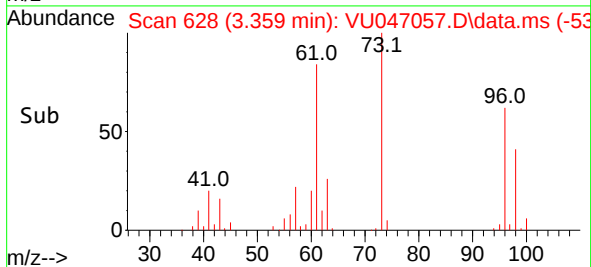
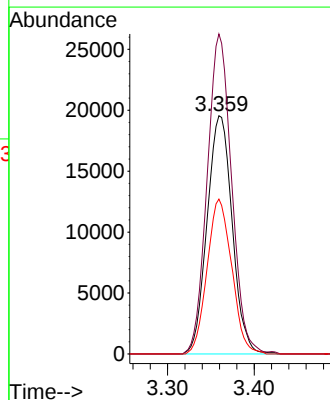
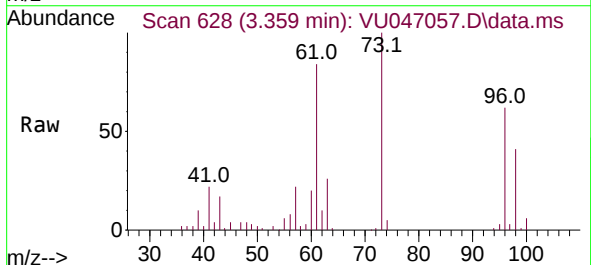
Instrument :
MSVOA_U
ClientSampleId :

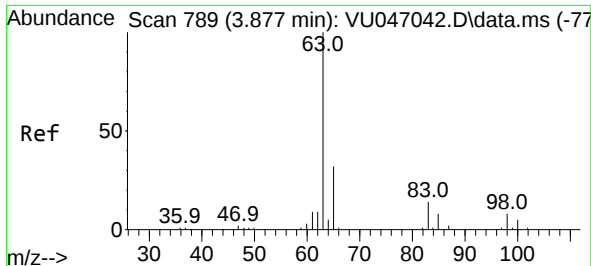
Tgt Ion: 73 Resp: 83438
Ion Ratio Lower Upper
73 100
43 16.8 13.9 20.9
57 21.9 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.210 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

Tgt Ion: 96 Resp: 39403
Ion Ratio Lower Upper
96 100
61 134.3 95.1 176.7
98 65.0 44.8 83.2





#19

1,1-Dichloroethane

Concen: 5.226 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU047057.D

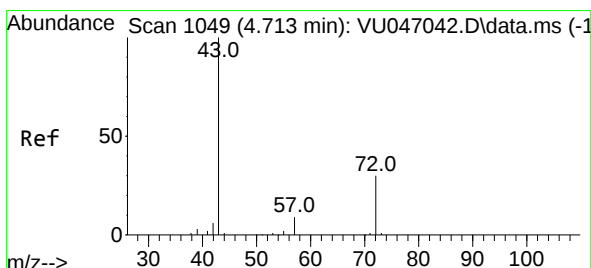
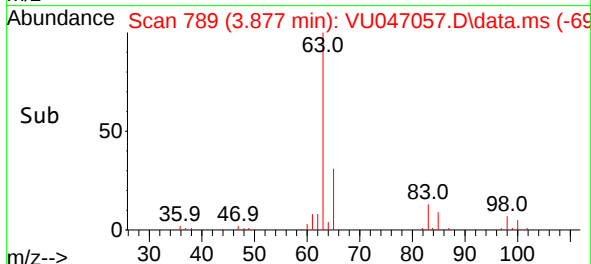
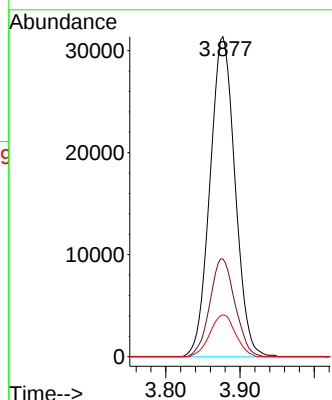
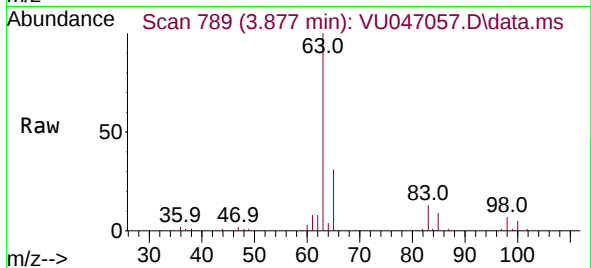
Acq: 04 Feb 2022 19:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	73503
Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.7	42.1
83	13.1	9.7	17.9



#21

2-Butanone

Concen: 50.468 ug/L

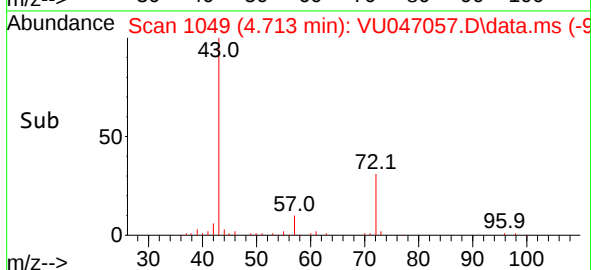
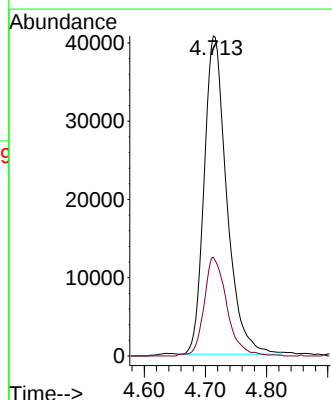
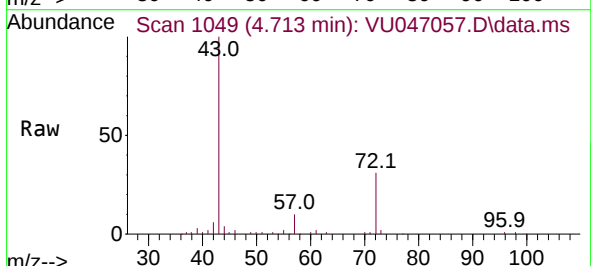
RT: 4.713 min Scan# 1049

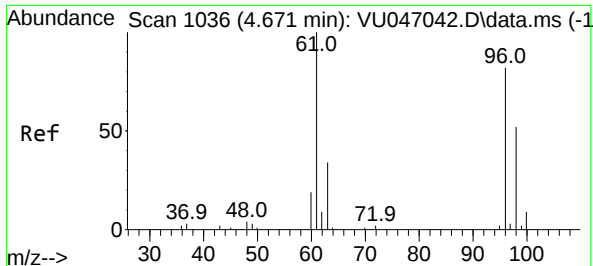
Delta R.T. 0.000 min

Lab File: VU047057.D

Acq: 04 Feb 2022 19:59

Tgt Ion:	43	Resp:	104461
Ion	Ratio	Lower	Upper
43	100		
72	31.2	15.0	45.0

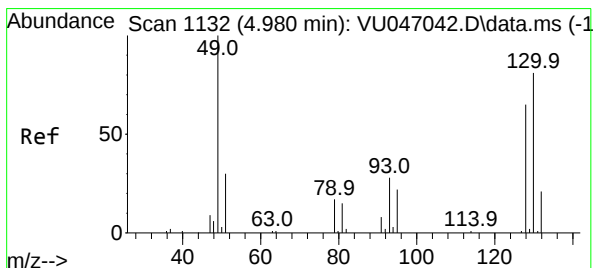
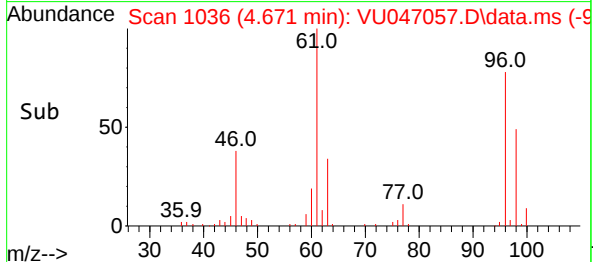
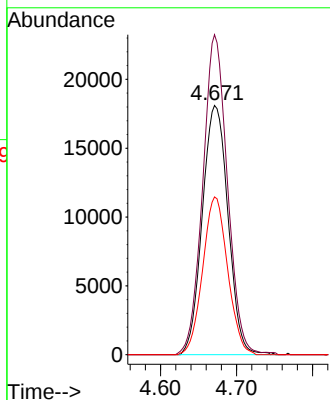
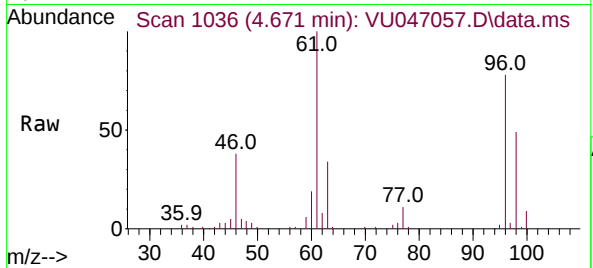




#22
 cis-1,2-Dichloroethene
 Concen: 5.355 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047057.D
 Acq: 04 Feb 2022 19:59

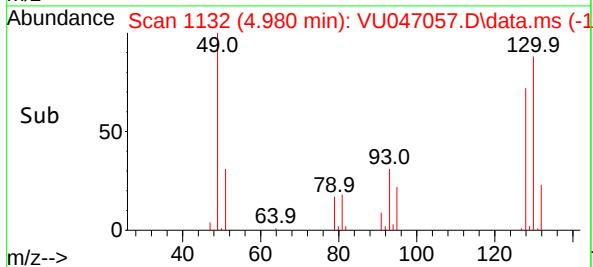
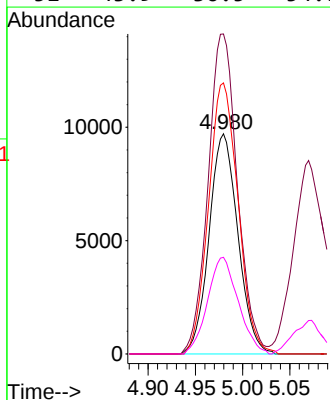
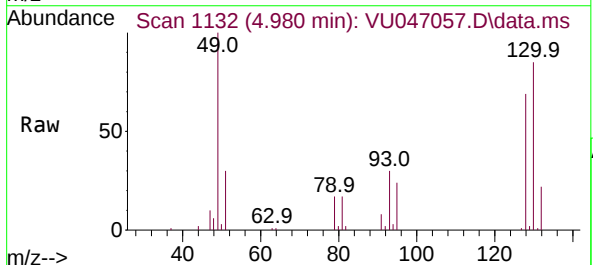
Instrument :
 MSVOA_U
 ClientSampleId :

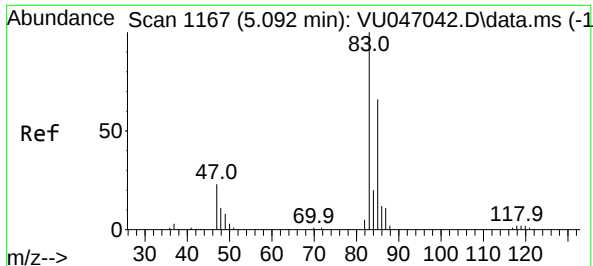
Tgt Ion: 96 Resp: 42545
 Ion Ratio Lower Upper
 96 100
 61 128.4 85.6 159.0
 98 63.3 44.7 83.1



#23
 Bromochloromethane
 Concen: 5.374 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU047057.D
 Acq: 04 Feb 2022 19:59

Tgt Ion: 128 Resp: 20597
 Ion Ratio Lower Upper
 128 100
 49 145.3 107.4 199.6
 130 123.1 87.3 162.1
 51 43.9 36.5 54.7





#25

Chloroform

Concen: 4.808 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047057.D

Acq: 04 Feb 2022 19:59

Instrument :

MSVOA_U

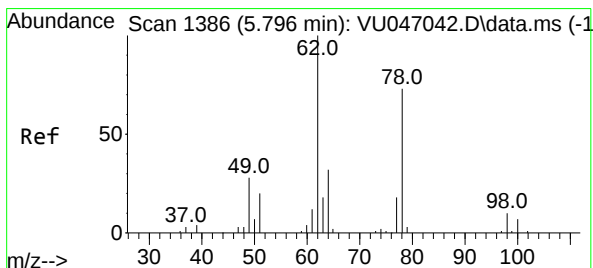
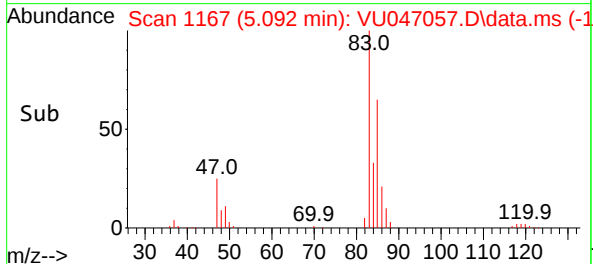
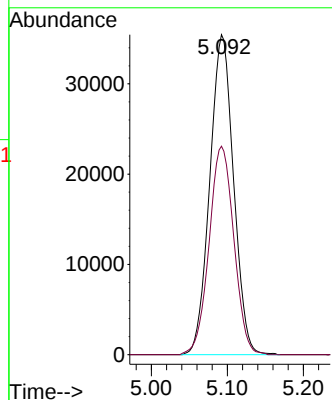
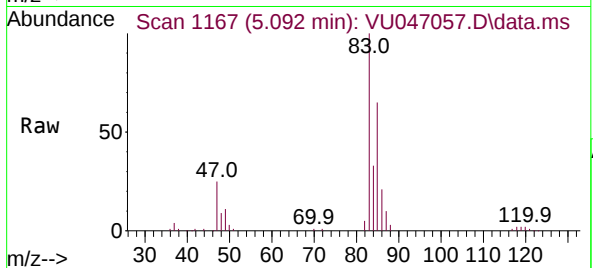
ClientSampleId :

Tgt Ion: 83 Resp: 76990

Ion Ratio Lower Upper

83 100

85 65.2 46.2 85.8



#27

1,2-Dichloroethane

Concen: 5.164 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU047057.D

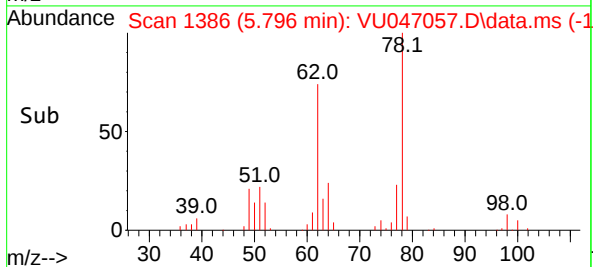
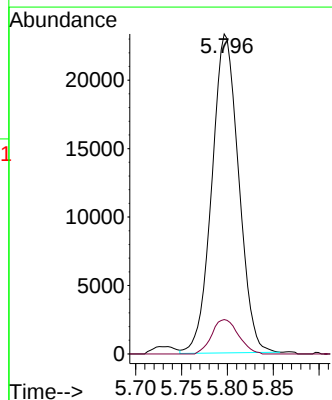
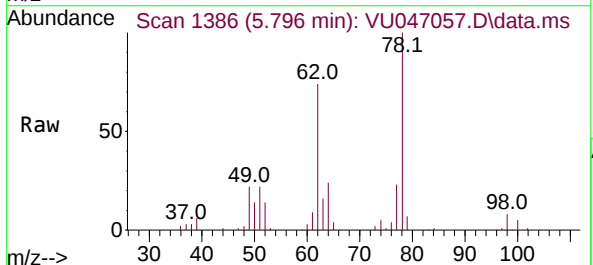
Acq: 04 Feb 2022 19:59

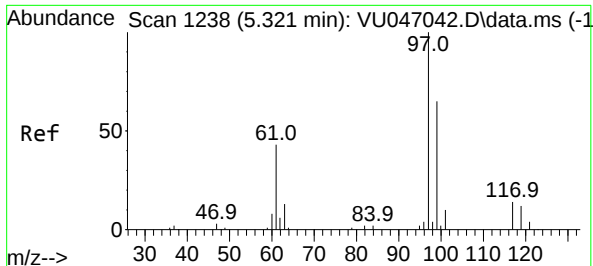
Tgt Ion: 62 Resp: 47426

Ion Ratio Lower Upper

62 100

98 10.7 8.0 12.0





#29

1,1,1-Trichloroethane

Concen: 5.276 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047057.D

Acq: 04 Feb 2022 19:59

Instrument :

MSVOA_U

ClientSampleId :

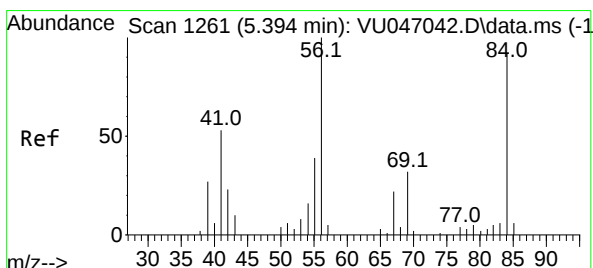
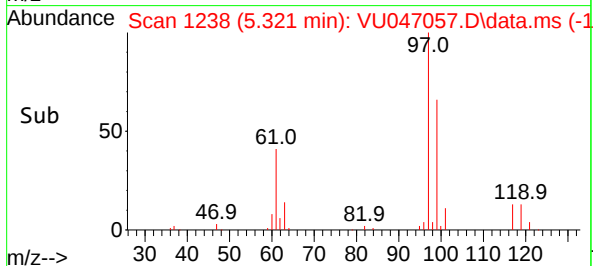
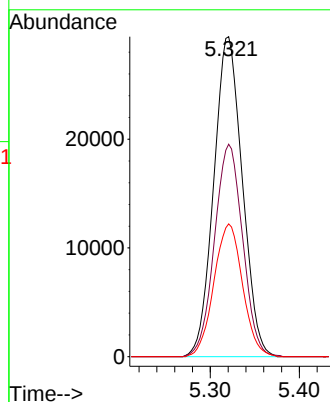
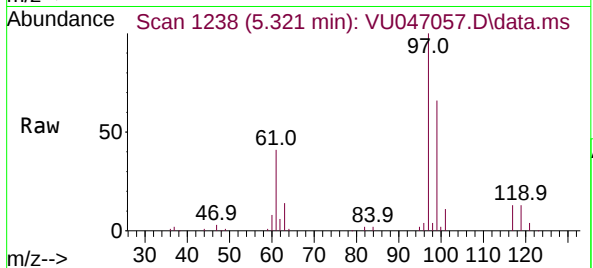
Tgt Ion: 97 Resp: 65458

Ion Ratio Lower Upper

97 100

99 65.6 51.5 77.3

61 41.7 34.6 52.0



#30

Cyclohexane

Concen: 5.227 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047057.D

Acq: 04 Feb 2022 19:59

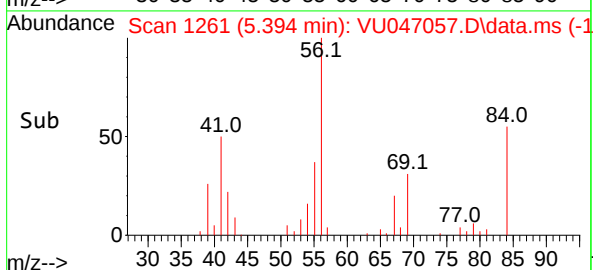
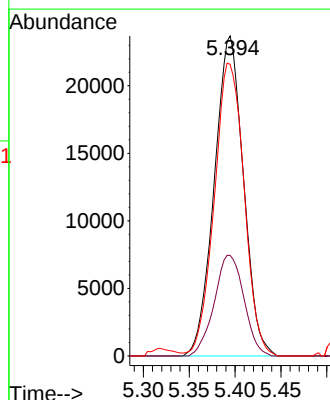
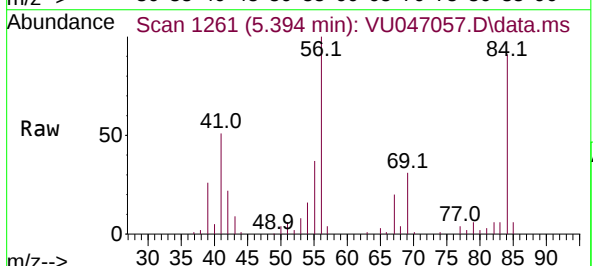
Tgt Ion: 56 Resp: 52354

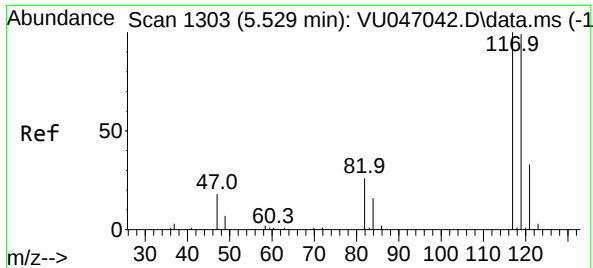
Ion Ratio Lower Upper

56 100

69 32.0 24.7 37.1

84 93.6 73.0 109.6

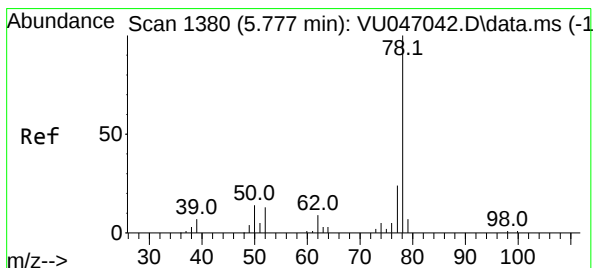
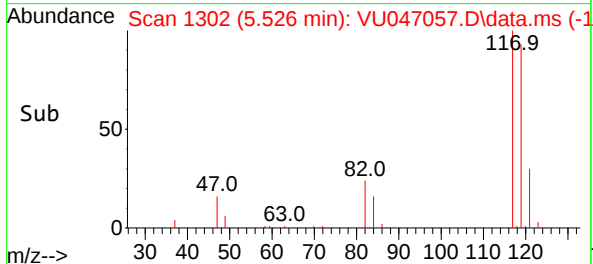
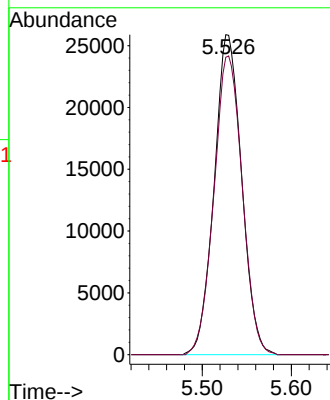
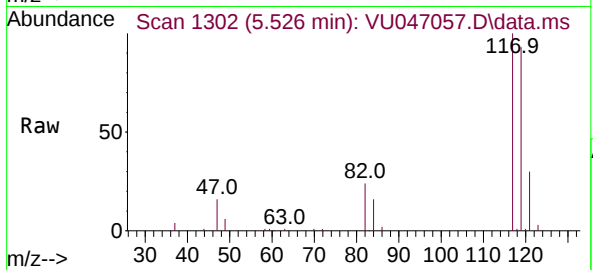




#31
Carbon tetrachloride
Concen: 5.228 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

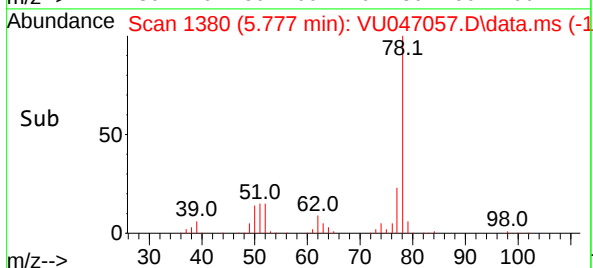
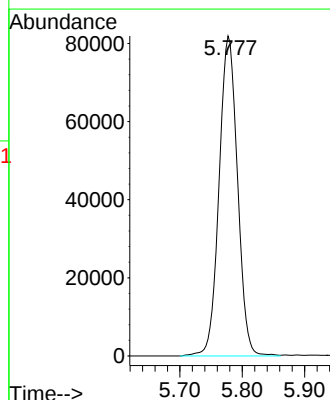
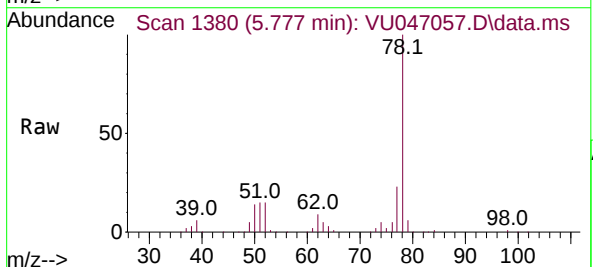
Instrument :
MSVOA_U
ClientSampleId :

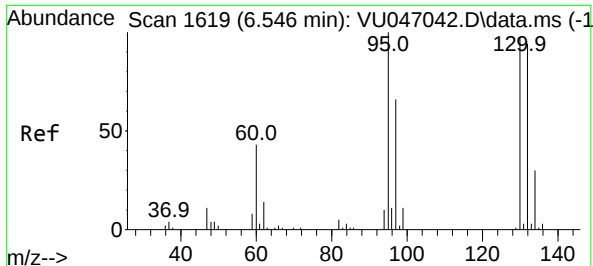
Tgt Ion:117 Resp: 55405
Ion Ratio Lower Upper
117 100
119 96.3 79.8 119.8



#33
Benzene
Concen: 5.512 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

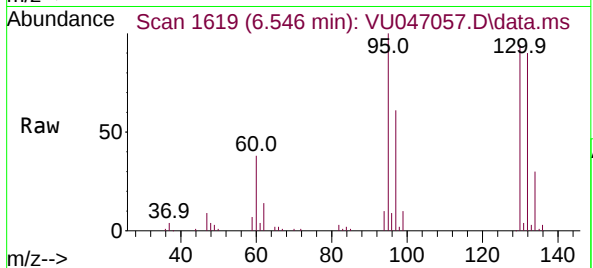
Tgt Ion: 78 Resp: 168039





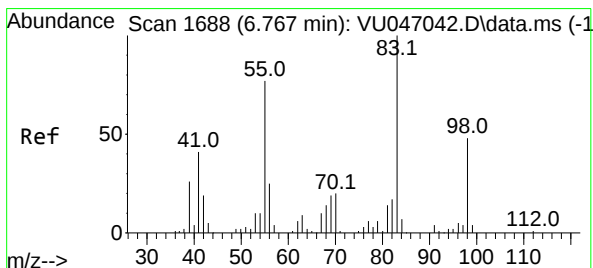
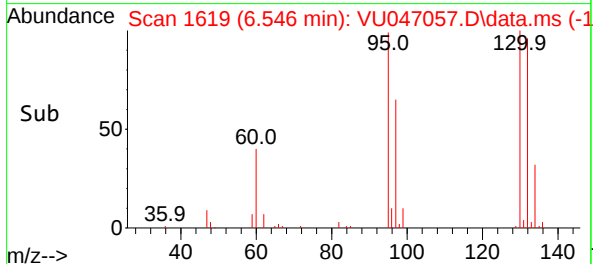
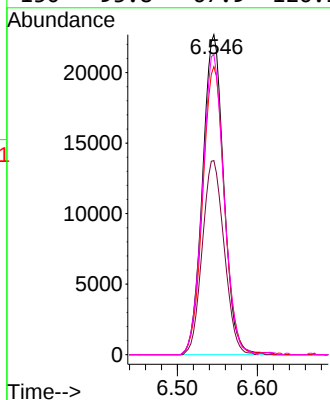
#34
Trichloroethene
Concen: 5.441 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 41940

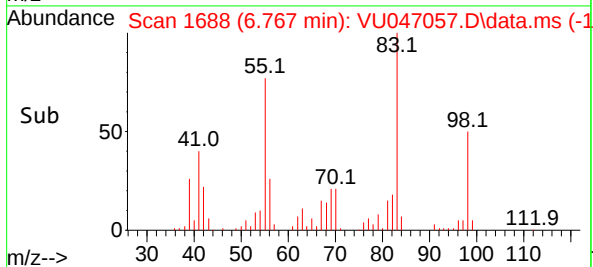
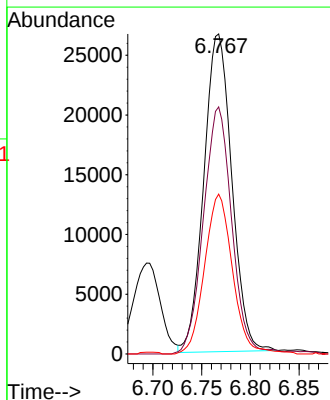
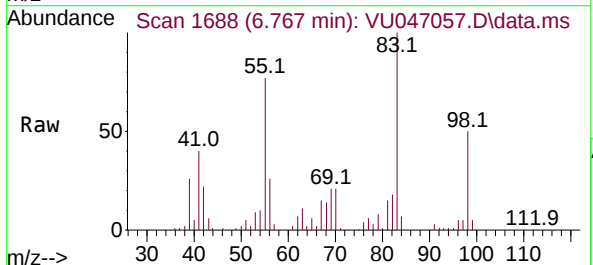
Ion	Ratio	Lower	Upper
95	100		
97	60.6	46.1	85.5
132	90.0	65.9	122.5
130	93.8	67.9	126.1

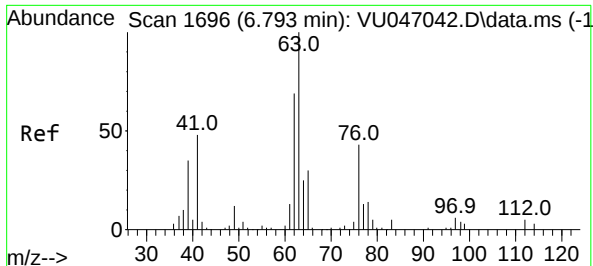


#35
Methylcyclohexane
Concen: 4.974 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

Tgt Ion: 83 Resp: 53131

Ion	Ratio	Lower	Upper
83	100		
55	78.8	61.2	91.8
98	50.3	39.3	58.9





#37

1,2-Dichloropropane

Concen: 5.347 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047057.D

Acq: 04 Feb 2022 19:59

Instrument :

MSVOA_U

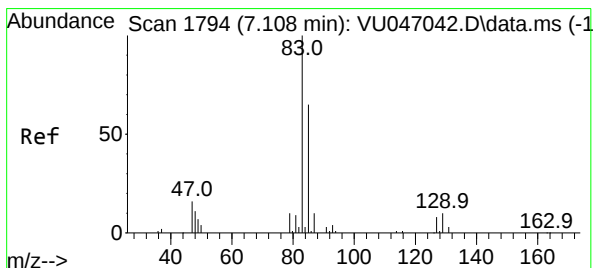
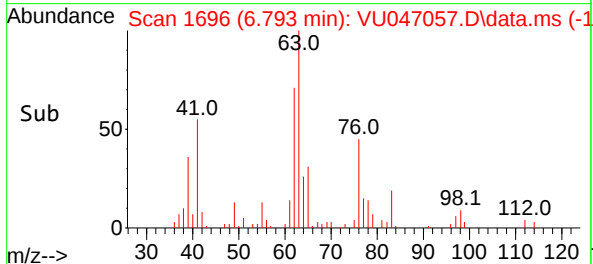
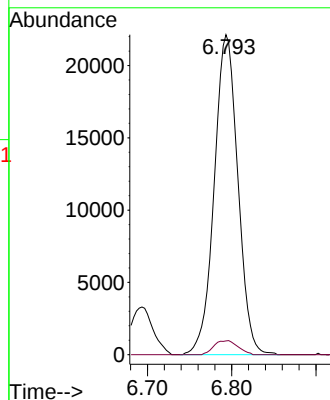
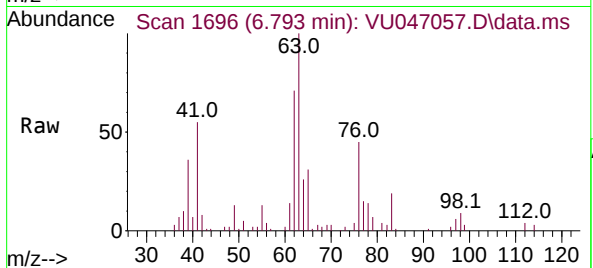
ClientSampleId :

Tgt Ion: 63 Resp: 43107

Ion Ratio Lower Upper

63 100

112 4.5 4.0 6.0



#38

Bromodichloromethane

Concen: 5.123 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047057.D

Acq: 04 Feb 2022 19:59

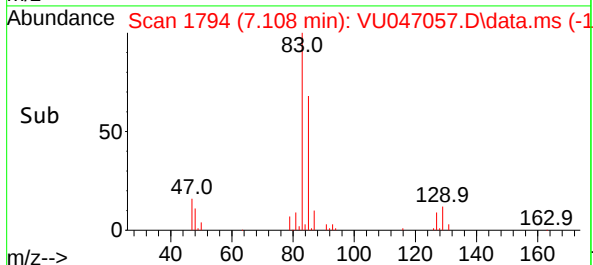
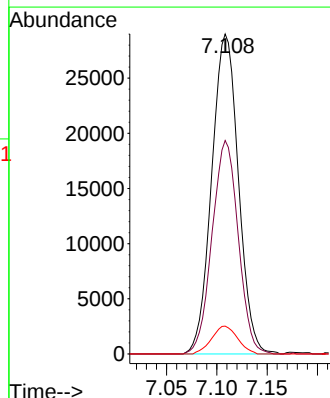
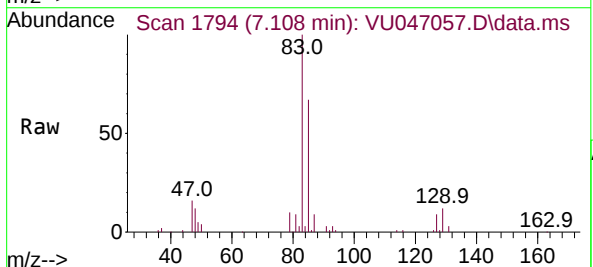
Tgt Ion: 83 Resp: 53649

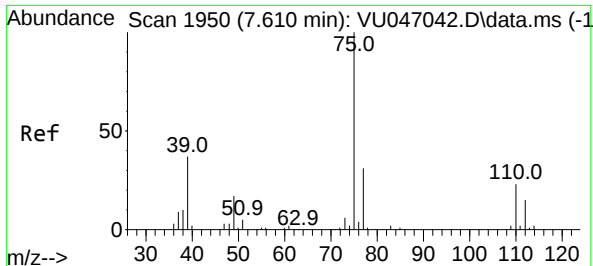
Ion Ratio Lower Upper

83 100

85 66.7 45.3 84.1

127 8.7 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 5.376 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047057.D

Acq: 04 Feb 2022 19:59

Instrument :

MSVOA_U

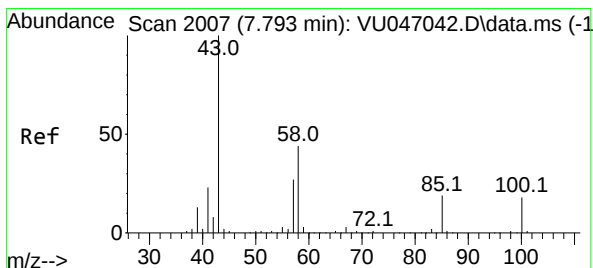
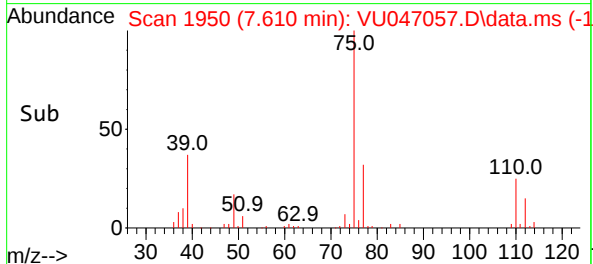
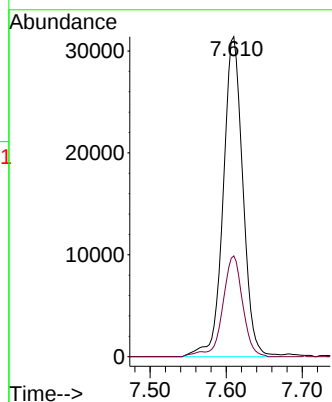
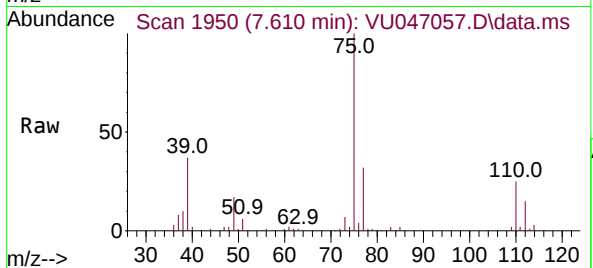
ClientSampleId :

Tgt Ion: 75 Resp: 56282

Ion Ratio Lower Upper

75 100

77 31.5 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 55.443 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047057.D

Acq: 04 Feb 2022 19:59

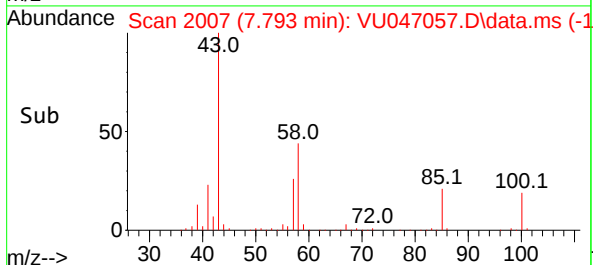
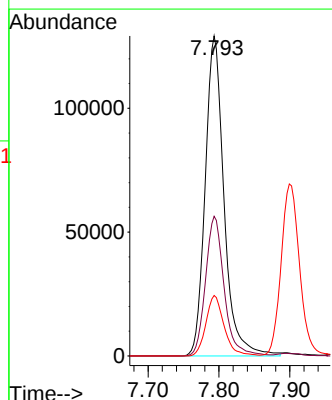
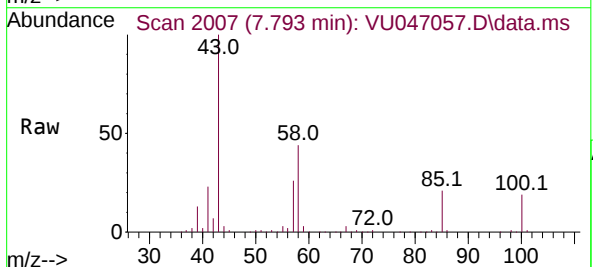
Tgt Ion: 43 Resp: 238718

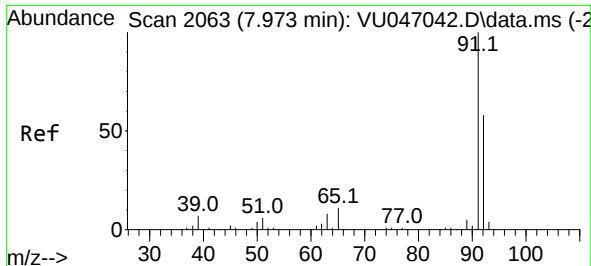
Ion Ratio Lower Upper

43 100

58 43.2 34.0 51.0

100 18.3 14.1 21.1





#42

Toluene

Concen: 5.773 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU047057.D

Acq: 04 Feb 2022 19:59

Instrument :

MSVOA_U

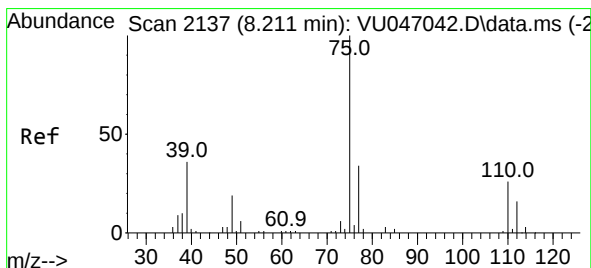
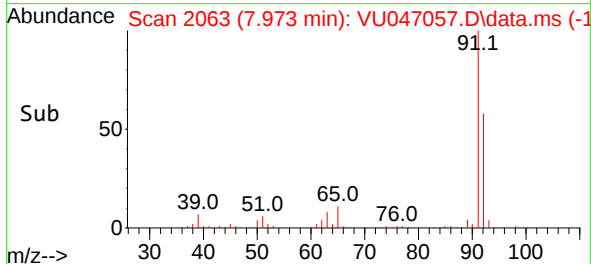
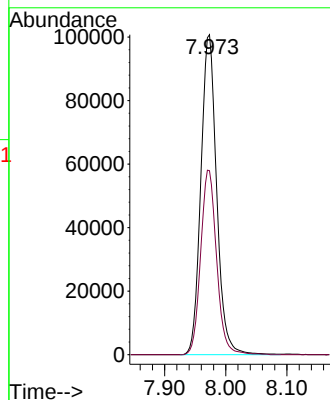
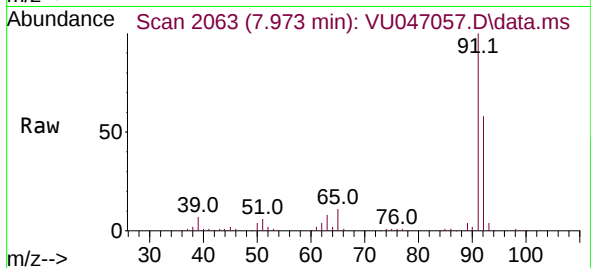
ClientSampleId :

Tgt Ion: 91 Resp: 180829

Ion Ratio Lower Upper

91 100

92 57.5 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.500 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047057.D

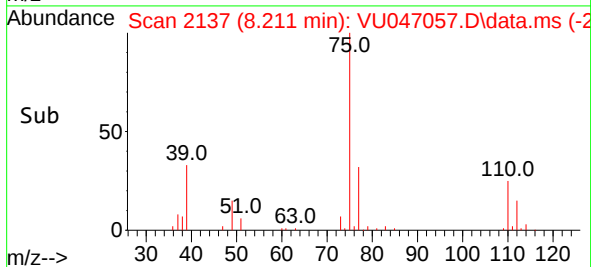
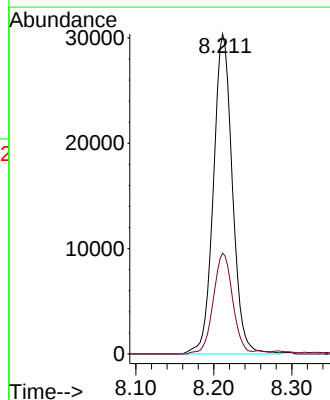
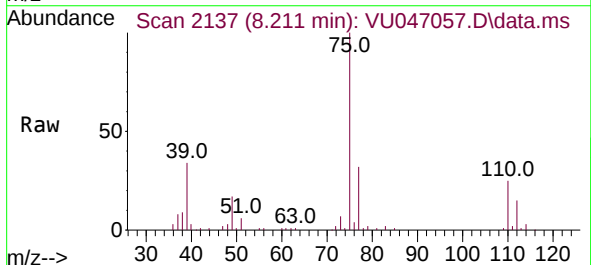
Acq: 04 Feb 2022 19:59

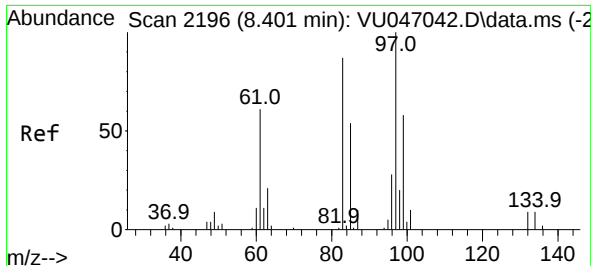
Tgt Ion: 75 Resp: 51448

Ion Ratio Lower Upper

75 100

77 31.5 23.7 43.9





#45

1,1,2-Trichloroethane

Concen: 5.704 ug/L

RT: 8.404 min Scan# 2196

Delta R.T. 0.003 min

Lab File: VU047057.D

Acq: 04 Feb 2022 19:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 34207

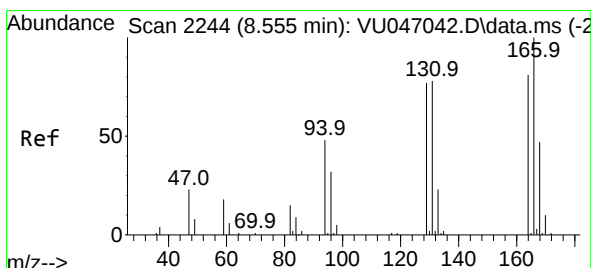
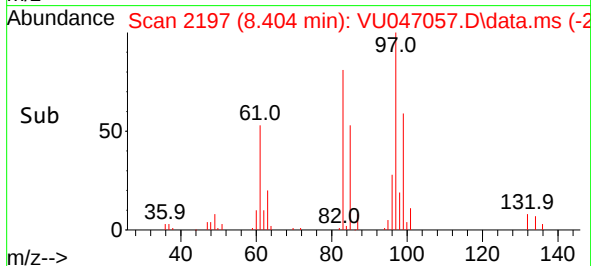
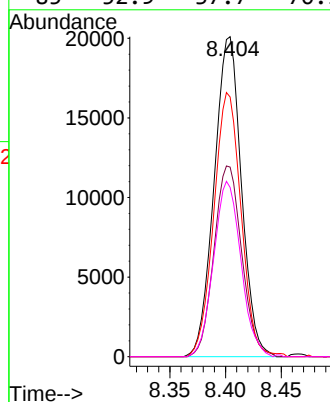
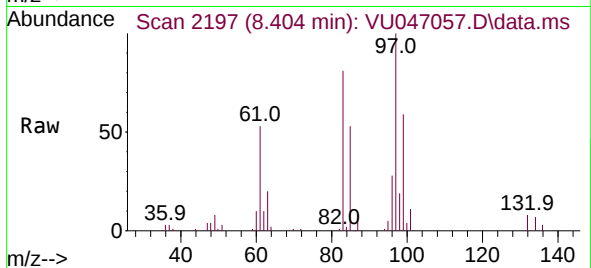
Ion Ratio Lower Upper

97 100

99 59.2 40.4 75.0

83 81.1 60.6 112.6

85 52.9 37.7 70.1



#47

Tetrachloroethene

Concen: 6.480 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU047057.D

Acq: 04 Feb 2022 19:59

Tgt Ion:164 Resp: 38759

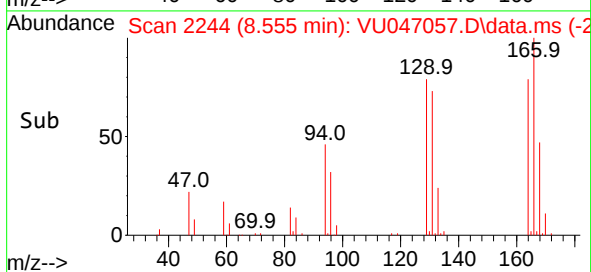
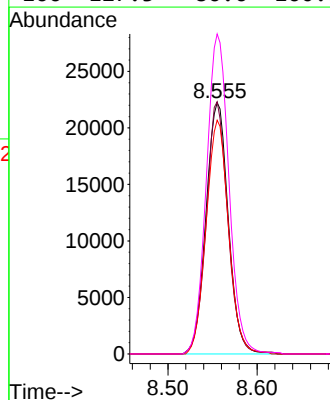
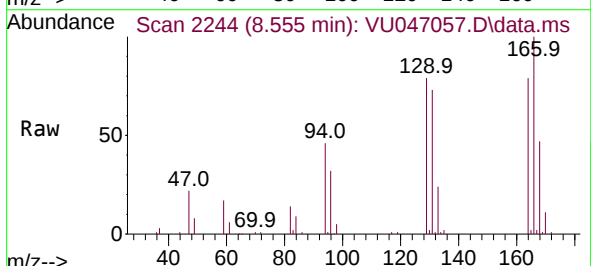
Ion Ratio Lower Upper

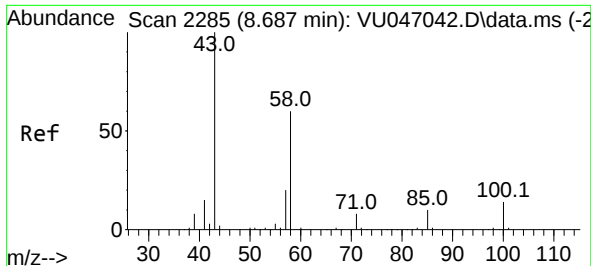
164 100

129 100.3 66.5 123.5

131 93.0 67.5 125.4

166 127.3 86.6 160.8

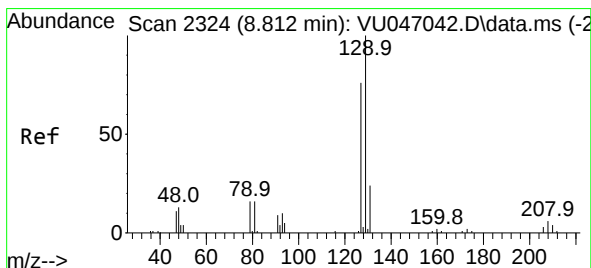
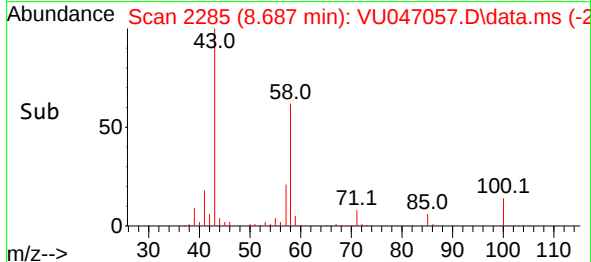
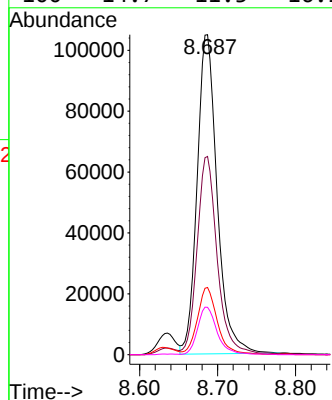
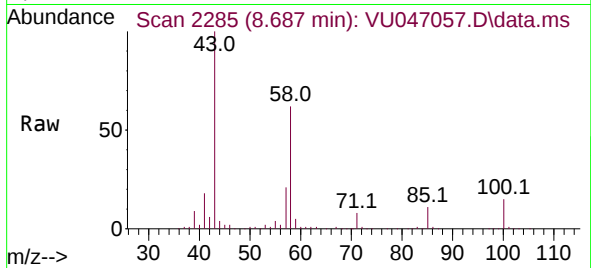




#48
2-Hexanone
Concen: 56.454 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

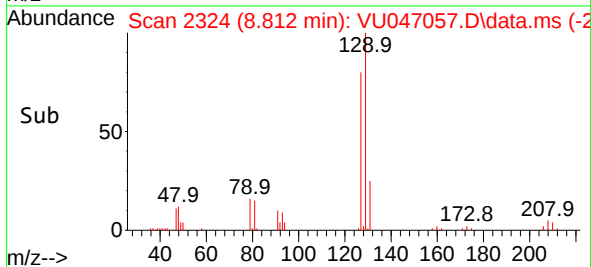
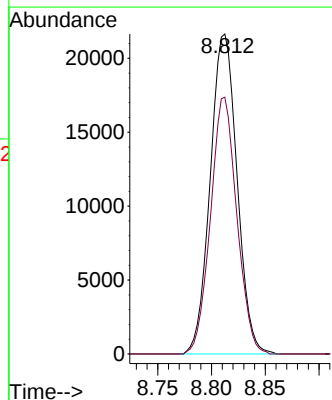
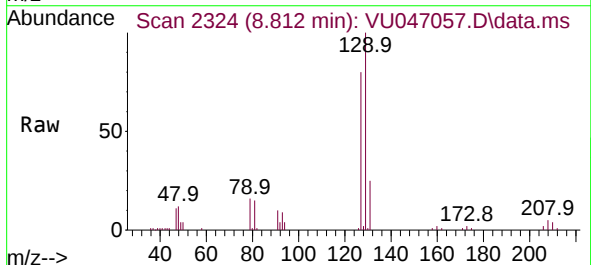
Instrument :
MSVOA_U
ClientSampleId :

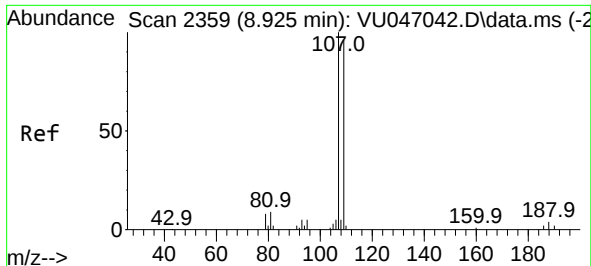
Tgt Ion: 43	Resp: 187180
Ion Ratio	Lower Upper
43 100	
58 61.2	47.8 71.6
57 20.8	16.2 24.4
100 14.7	11.3 16.9



#49
Dibromochloromethane
Concen: 5.363 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

Tgt Ion:129	Resp:	37572	
Ion	Ratio	Lower	Upper
129	100		
127	80.2	53.4	99.2

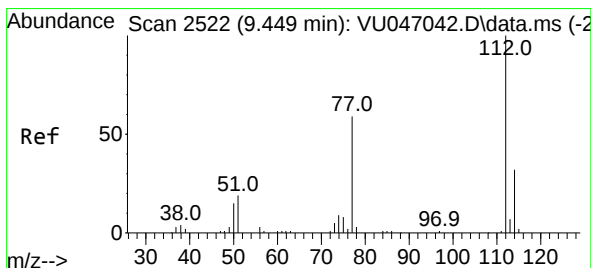
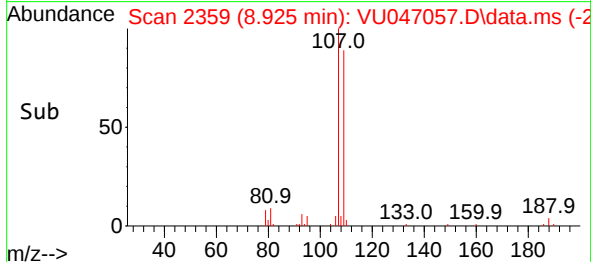
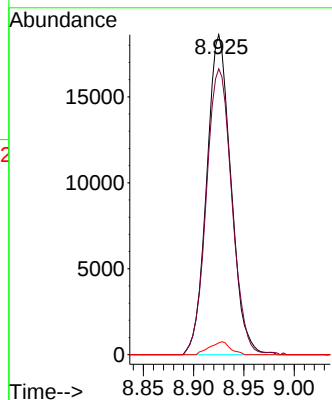
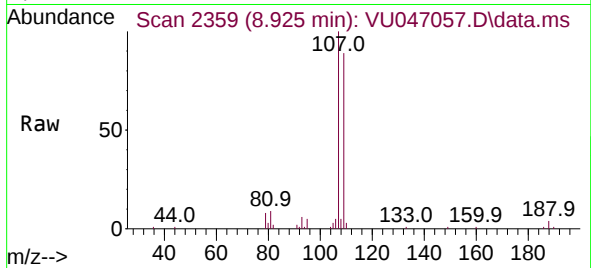




#50
1,2-Dibromoethane
Concen: 5.647 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

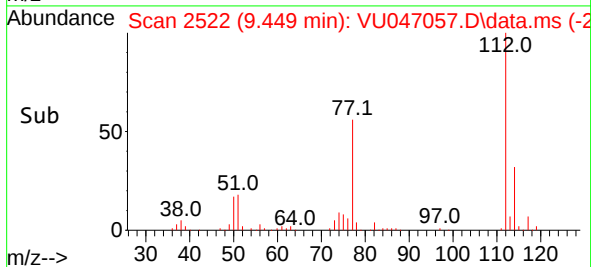
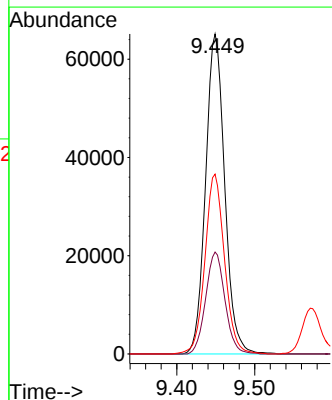
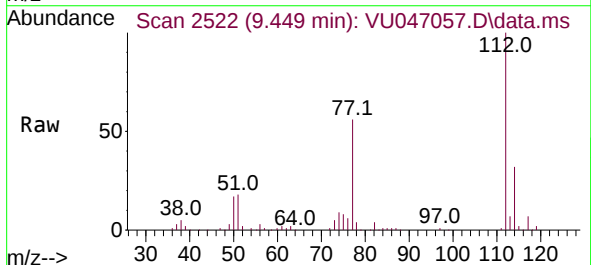
Instrument :
MSVOA_U
ClientSampleId :

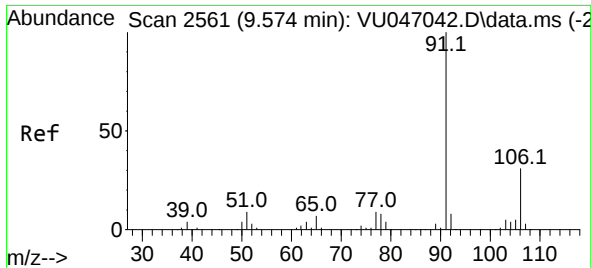
Tgt Ion:107 Resp: 31283
Ion Ratio Lower Upper
107 100
109 89.3 67.4 125.2
188 3.7 3.0 4.6



#51
Chlorobenzene
Concen: 5.413 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

Tgt Ion:112 Resp: 111265
Ion Ratio Lower Upper
112 100
114 31.9 22.6 42.0
77 56.2 47.3 70.9

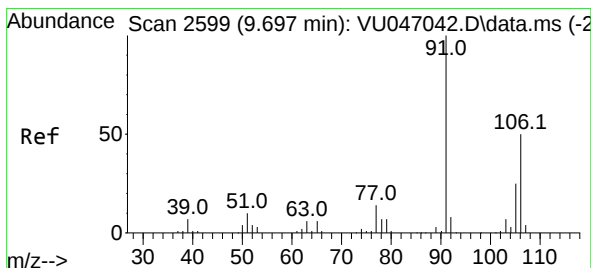
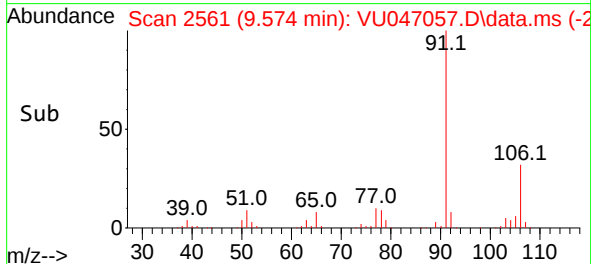
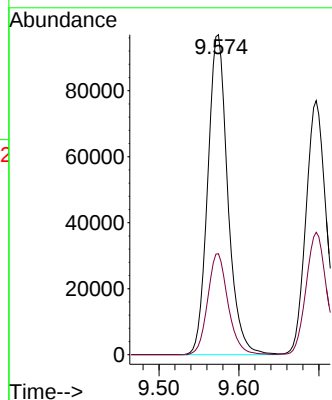
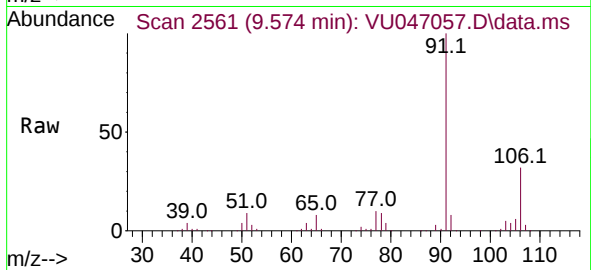




#52
Ethylbenzene
Concen: 5.375 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

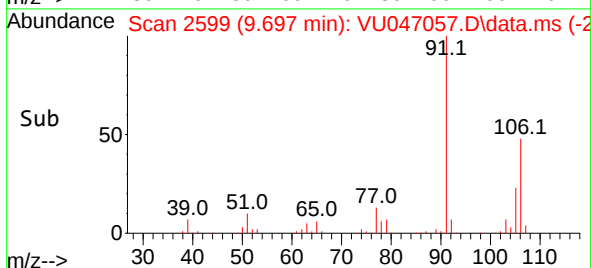
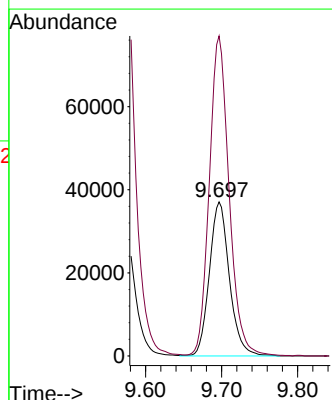
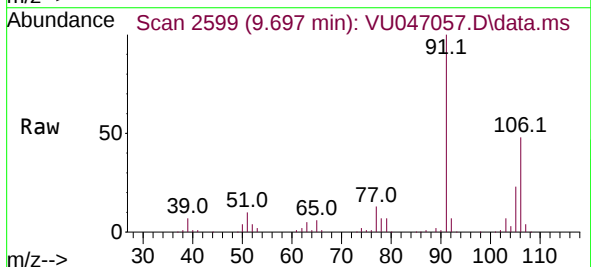
Instrument :
MSVOA_U
ClientSampleId :

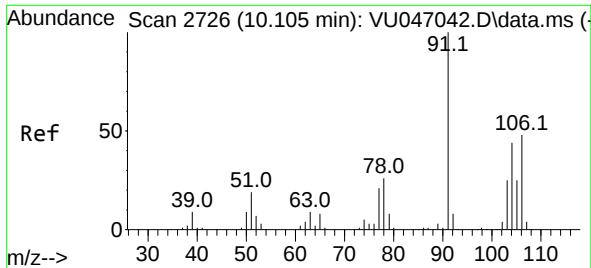
Tgt Ion: 91 Resp: 169212
Ion Ratio Lower Upper
91 100
106 31.5 22.0 40.8



#53
m,p-Xylene
Concen: 5.540 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

Tgt Ion: 106 Resp: 67794
Ion Ratio Lower Upper
106 100
91 207.7 140.3 260.5

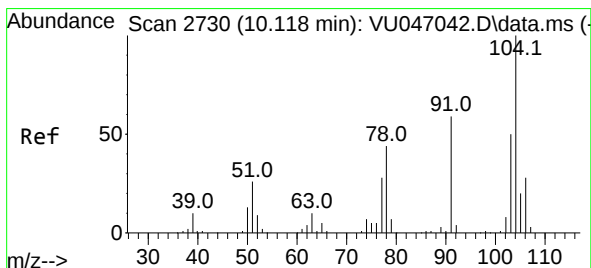
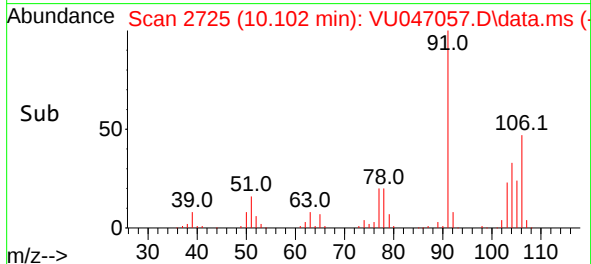
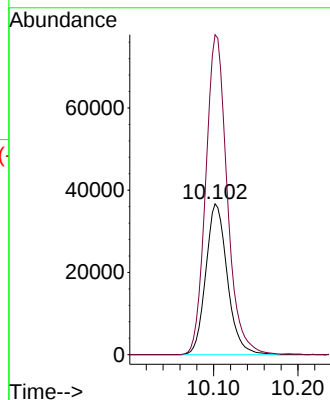
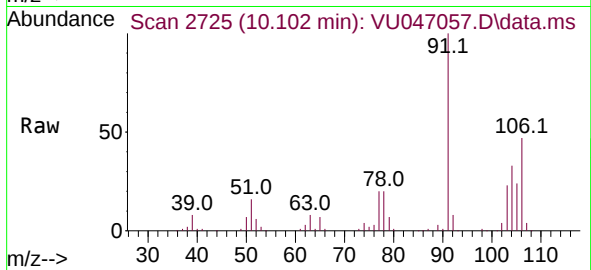




#54
o-Xylene
Concen: 5.741 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

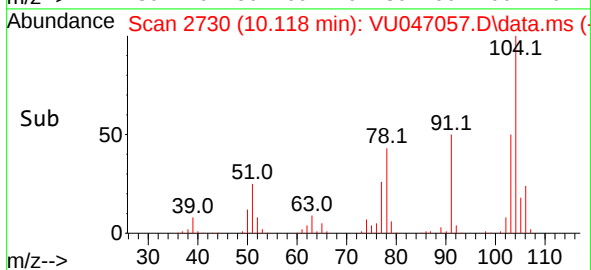
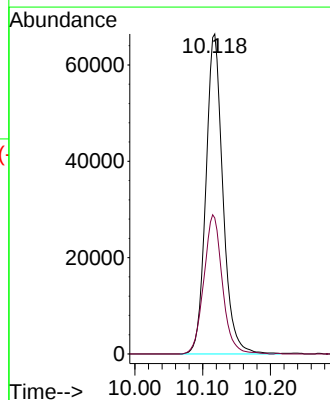
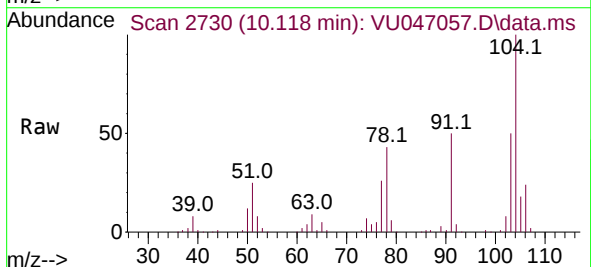
Instrument :
MSVOA_U
ClientSampleId :

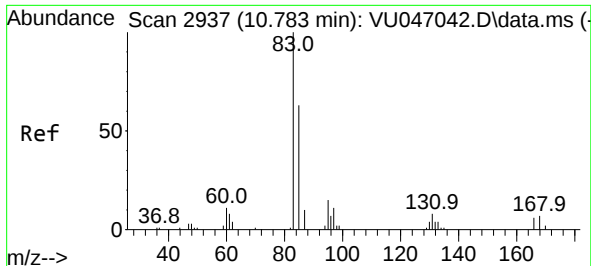
Tgt Ion:106 Resp: 65312
Ion Ratio Lower Upper
106 100
91 212.1 146.5 272.1



#55
Styrene
Concen: 5.782 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

Tgt Ion:104 Resp: 115742
Ion Ratio Lower Upper
104 100
78 42.5 30.7 57.1

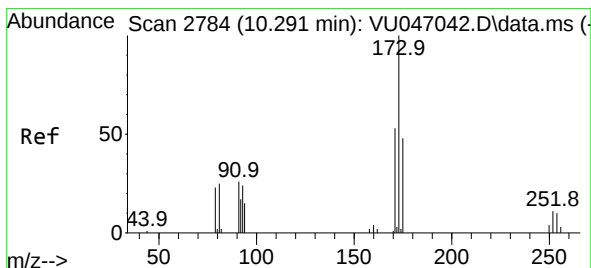
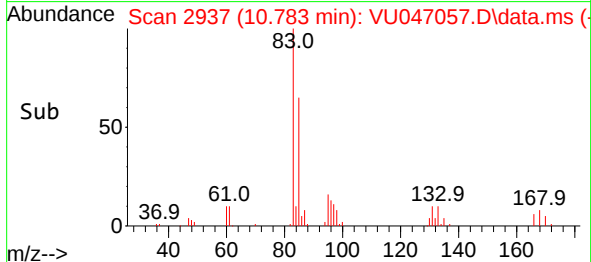
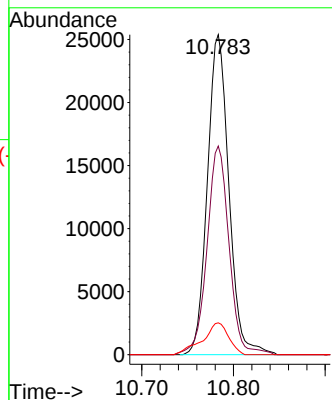
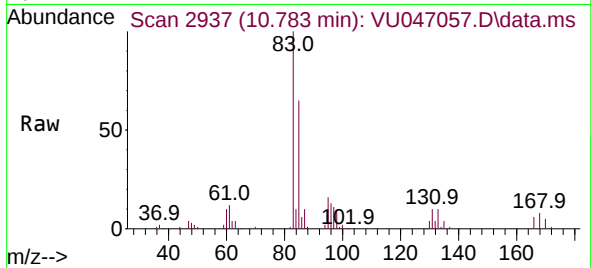




#57
1,1,2,2-Tetrachloroethane
Concen: 5.291 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

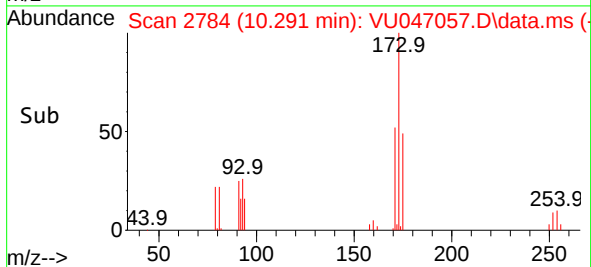
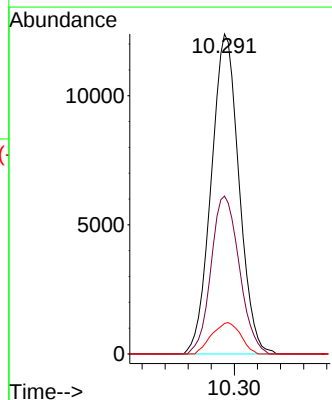
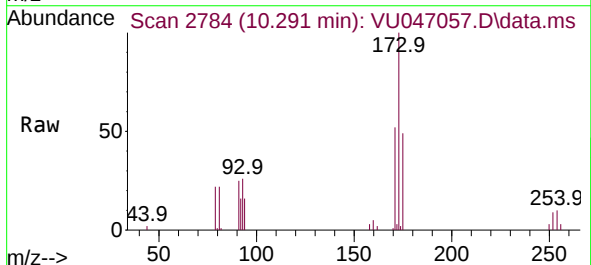
Instrument :
MSVOA_U
ClientSampleId :

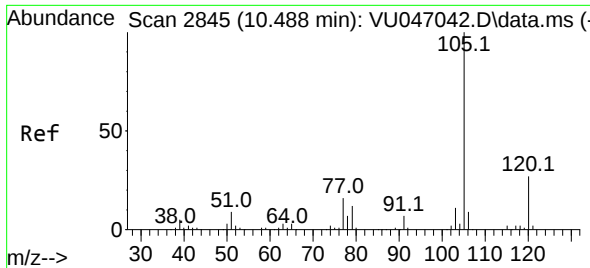
Tgt Ion: 83 Resp: 41288
Ion Ratio Lower Upper
83 100
85 65.2 44.6 82.8
131 9.9 7.4 11.0



#59
Bromoform
Concen: 5.194 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

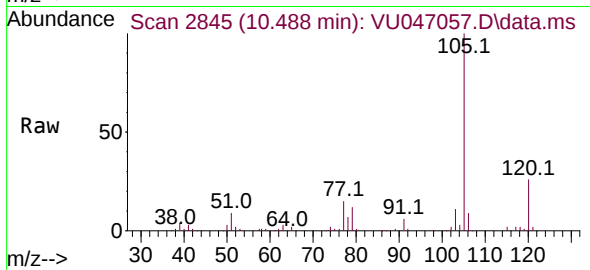
Tgt Ion: 173 Resp: 20674
Ion Ratio Lower Upper
173 100
175 50.2 38.8 58.2
254 10.2 7.2 10.8



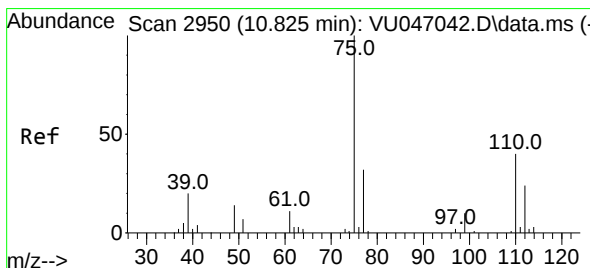
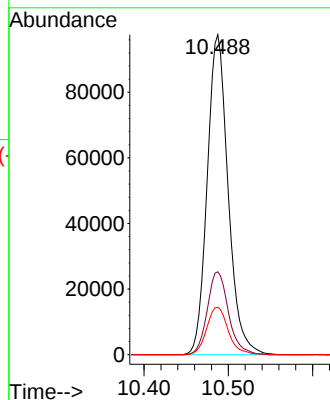
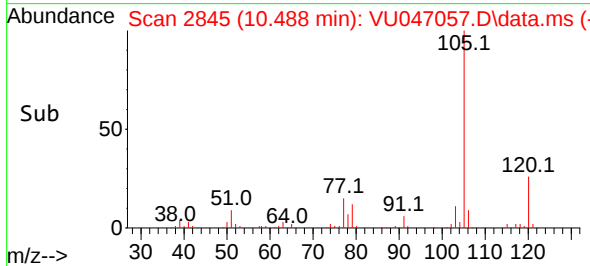


#60
Isopropylbenzene
Concen: 5.430 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

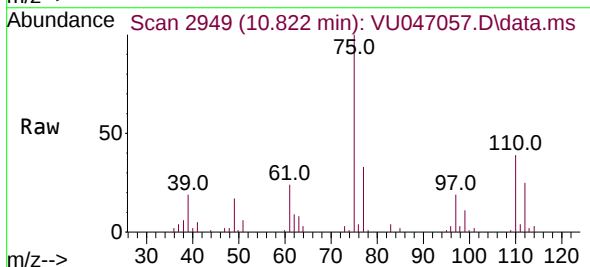
Instrument :
MSVOA_U
ClientSampleId :



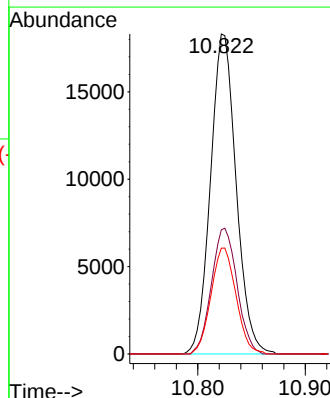
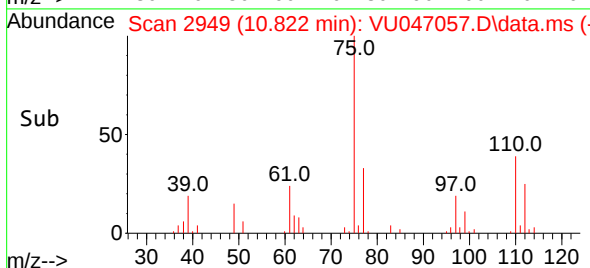
Tgt Ion:105 Resp: 168335
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.3 12.6 19.0

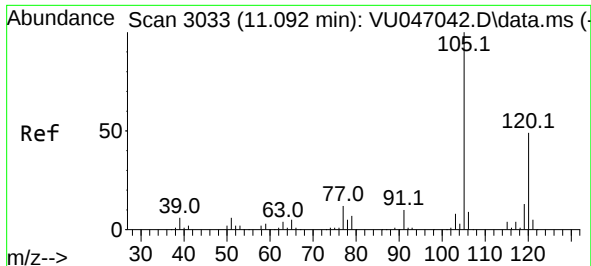


#61
1,2,3-Trichloropropane
Concen: 5.174 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59



Tgt Ion: 75 Resp: 30341
Ion Ratio Lower Upper
75 100
110 39.1 31.7 47.5
77 32.3 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 5.082 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU047057.D

Acq: 04 Feb 2022 19:59

Instrument :

MSVOA_U

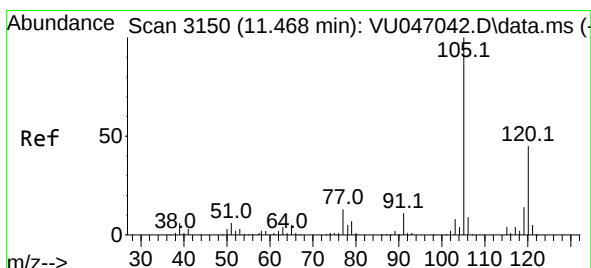
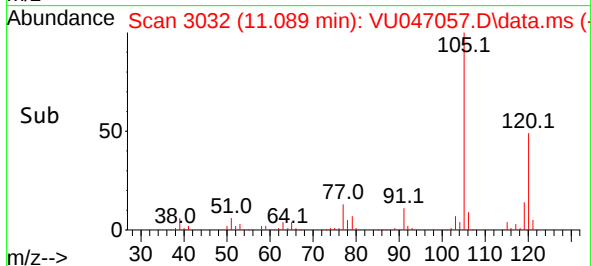
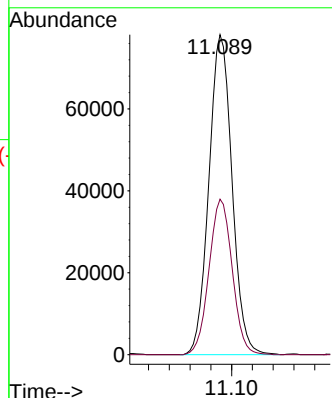
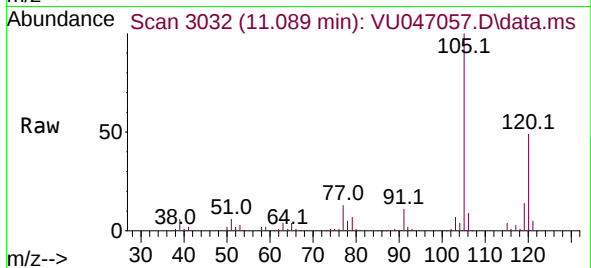
ClientSampleId :

Tgt Ion:105 Resp: 120902

Ion Ratio Lower Upper

105 100

120 48.7 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 5.246 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047057.D

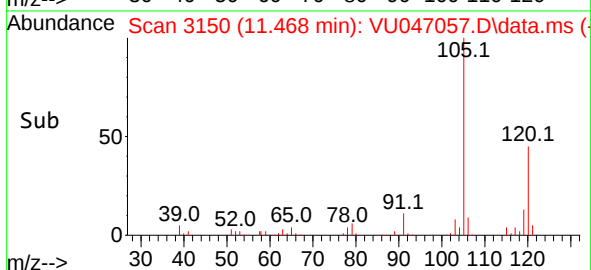
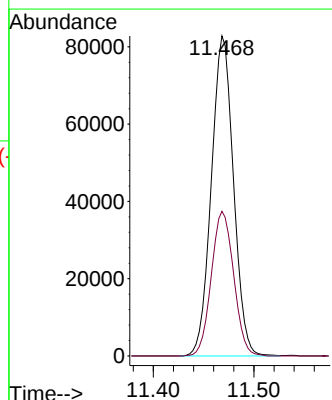
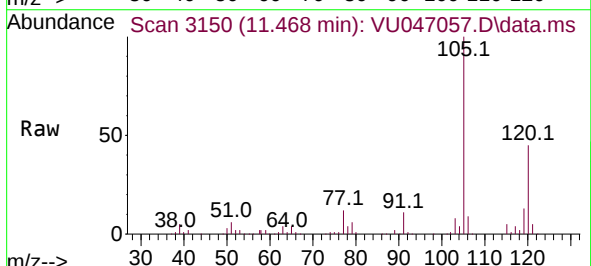
Acq: 04 Feb 2022 19:59

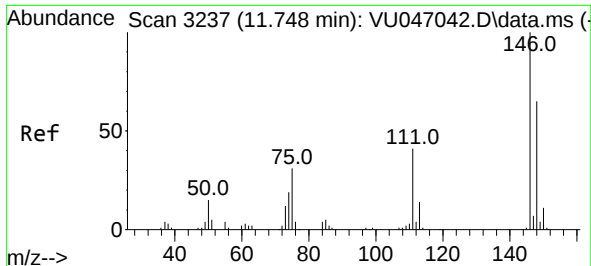
Tgt Ion:105 Resp: 126710

Ion Ratio Lower Upper

105 100

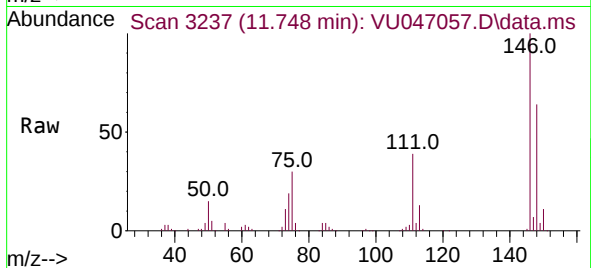
120 45.6 36.1 54.1



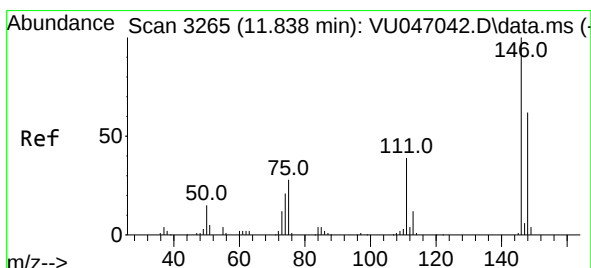
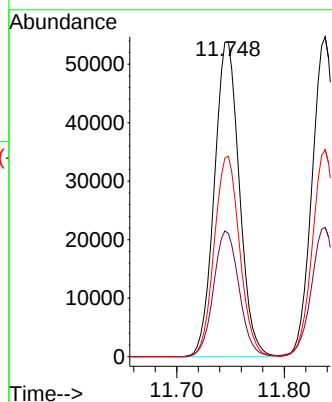
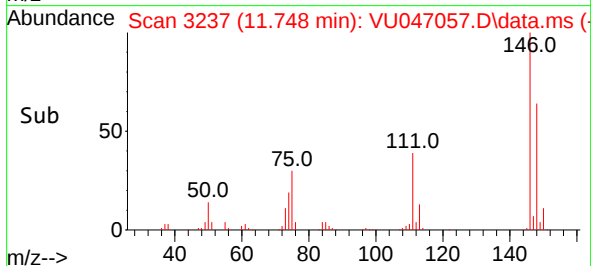


#64
1,3-Dichlorobenzene
Concen: 5.245 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

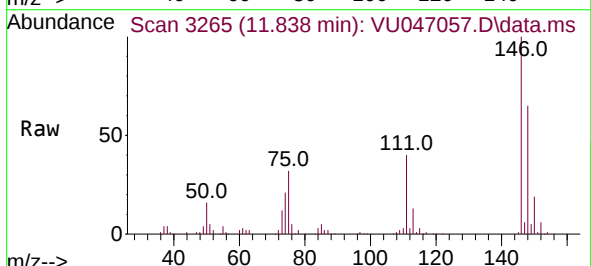
Instrument :
MSVOA_U
ClientSampleId :



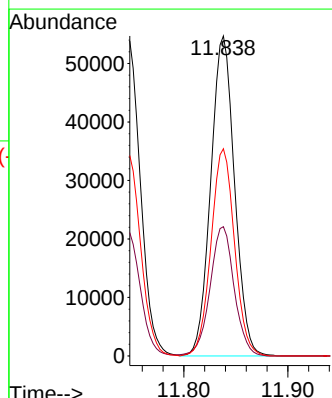
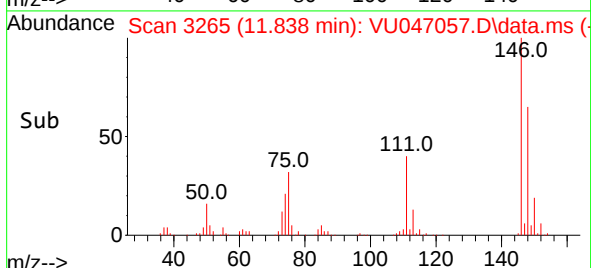
Tgt Ion:146 Resp: 86879
Ion Ratio Lower Upper
146 100
111 39.1 28.6 53.0
148 63.6 45.5 84.5

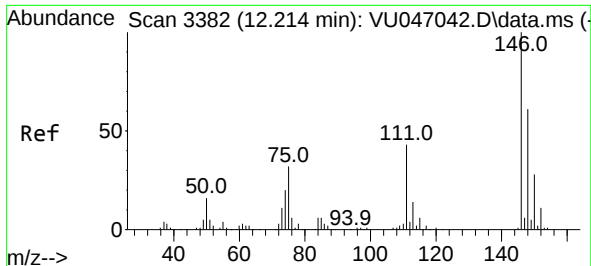


#65
1,4-Dichlorobenzene
Concen: 5.087 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59



Tgt Ion:146 Resp: 87048
Ion Ratio Lower Upper
146 100
111 40.4 27.5 51.1
148 64.8 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 5.225 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047057.D

Acq: 04 Feb 2022 19:59

Instrument :

MSVOA_U

ClientSampleId :

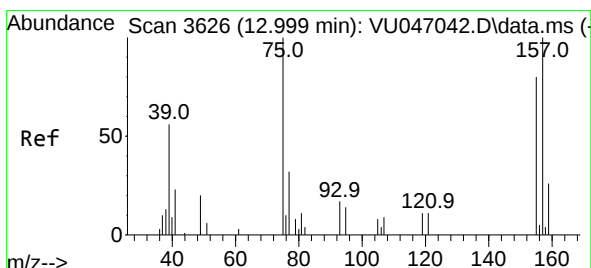
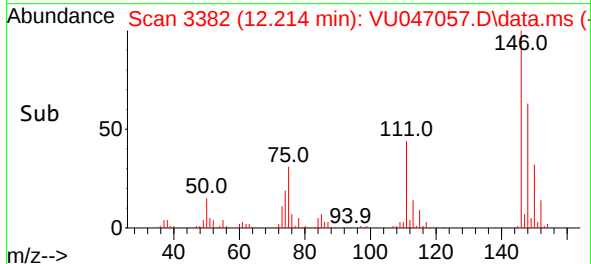
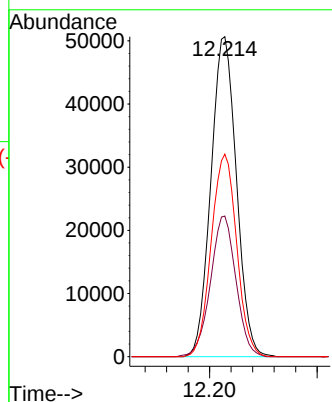
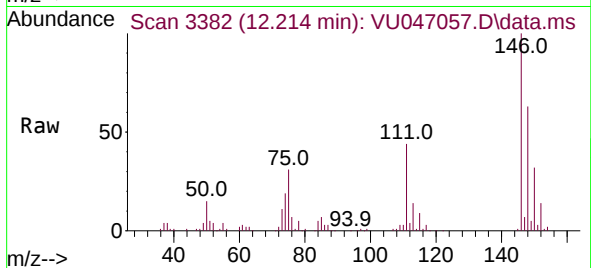
Tgt Ion:146 Resp: 83520

Ion Ratio Lower Upper

146 100

111 43.9 34.1 51.1

148 63.3 49.1 73.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.887 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU047057.D

Acq: 04 Feb 2022 19:59

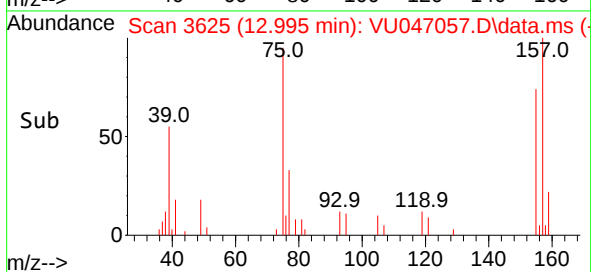
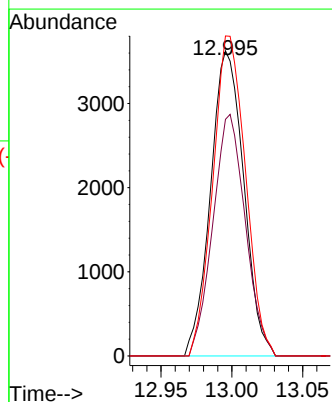
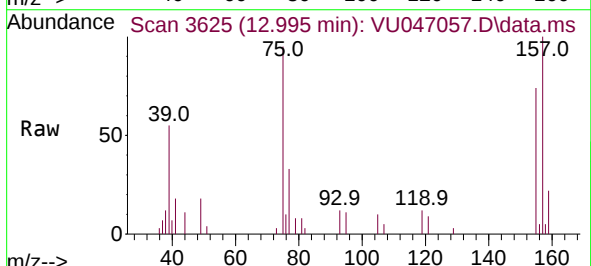
Tgt Ion: 75 Resp: 5914

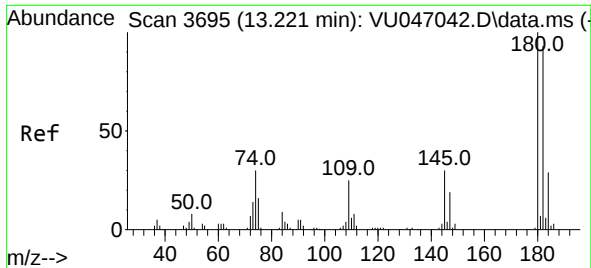
Ion Ratio Lower Upper

75 100

155 77.6 63.9 95.9

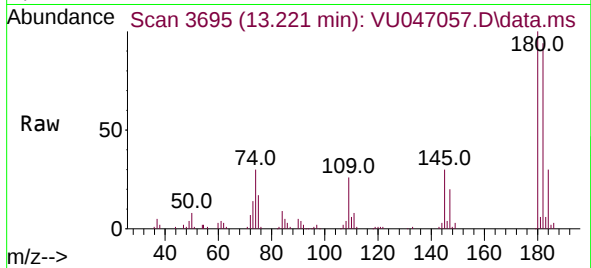
157 104.9 79.9 119.9





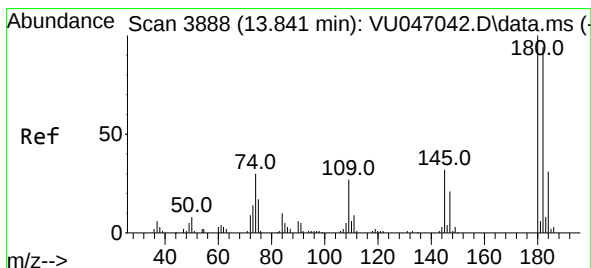
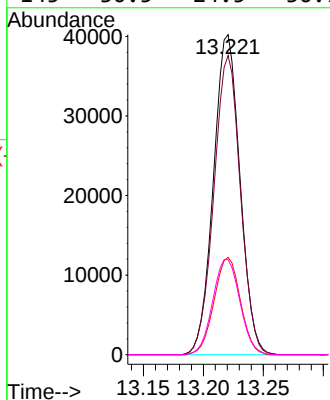
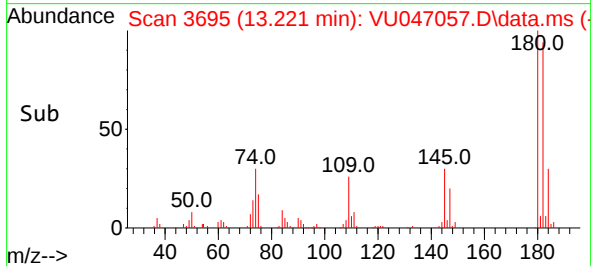
#69
 1,3,5-Trichlorobenzene
 Concen: 4.967 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047057.D
 Acq: 04 Feb 2022 19:59

Instrument :
 MSVOA_U
 ClientSampleId :

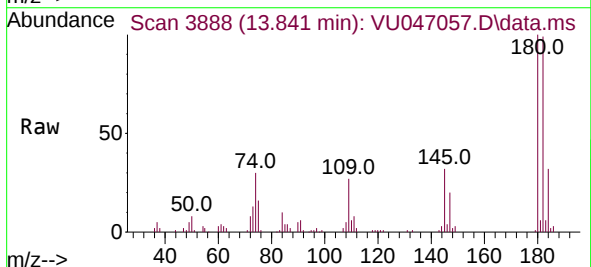


Tgt Ion:180 Resp: 61766

Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.1	112.7
184	30.2	23.3	34.9
145	30.5	24.5	36.7

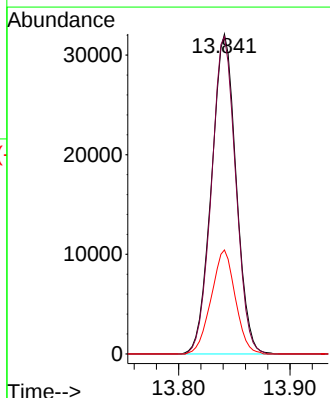
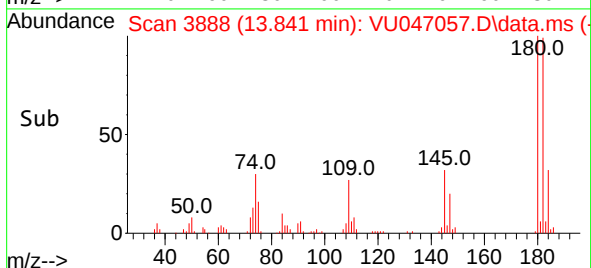


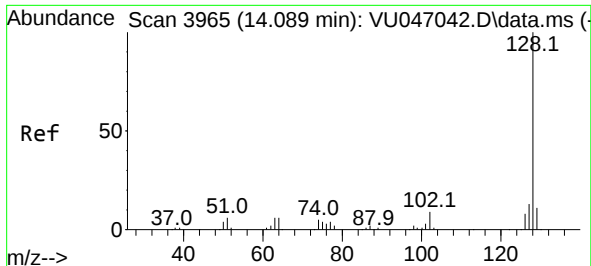
#70
 1,2,4-trichlorobenzene
 Concen: 4.867 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047057.D
 Acq: 04 Feb 2022 19:59



Tgt Ion:180 Resp: 49297

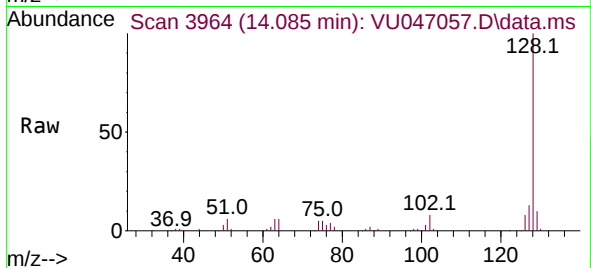
Ion	Ratio	Lower	Upper
180	100		
182	97.4	74.2	111.4
145	31.8	24.6	36.8



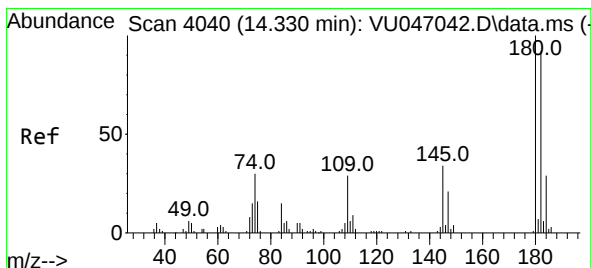
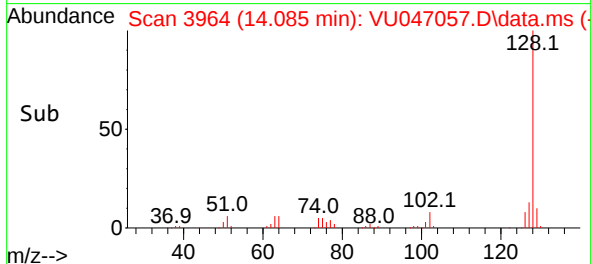
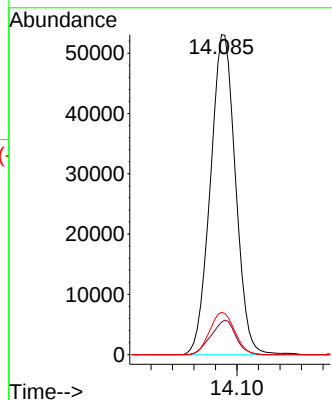


#71
Naphthalene
Concen: 4.903 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 85946
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.1 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.116 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047057.D
Acq: 04 Feb 2022 19:59

Tgt Ion:180 Resp: 49455
Ion Ratio Lower Upper
180 100
182 95.0 74.0 111.0
145 34.8 27.1 40.7

