

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047538.D
 Acq On : 14 Mar 2022 16:27
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV025

Quant Time: Mar 15 05:38:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:33:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	150920	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	146050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	82608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	49208	4.986	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.919	69	45161	5.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.571	65	21951	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.639	46	132867	46.785	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.580%
24) Chloroform-d	5.070	84	105494	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.706	65	56261	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.732	84	210485	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.693	67	65728	4.916	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.899	98	197310	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.182	79	27882	4.960	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.635	63	145227	49.842	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	64262	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	83496	4.837	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	49257	5.305	ug/L	99
3) Chloromethane	1.523	50	46817	5.141	ug/L	99
5) Vinyl chloride	1.607	62	48682	5.184	ug/L	99
6) Bromomethane	1.864	94	22914	5.186	ug/L	98
8) Chloroethane	1.938	64	28976	5.105	ug/L	100
9) Trichlorofluoromethane	2.144	101	64547	5.242	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	41657	5.359	ug/L	99
12) 1,1-Dichloroethene	2.587	96	38213	5.083	ug/L	84
13) Acetone	2.655	43	49363	44.579	ug/L	95
14) Carbon disulfide	2.800	76	113594	5.022	ug/L	98
15) Methyl Acetate	2.960	43	14880	4.868	ug/L	99
16) Methylene chloride	3.054	84	47019	4.239	ug/L	100
17) Methyl tert-butyl Ether	3.369	73	97629	5.061	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	40581	5.021	ug/L	97
19) 1,1-Dichloroethane	3.877	63	72392	5.092	ug/L	99
21) 2-Butanone	4.722	43	90434	42.926	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	45647	5.090	ug/L	100
23) Bromochloromethane	4.980	128	23030	5.061	ug/L	96
25) Chloroform	5.092	83	78318	5.011	ug/L	100

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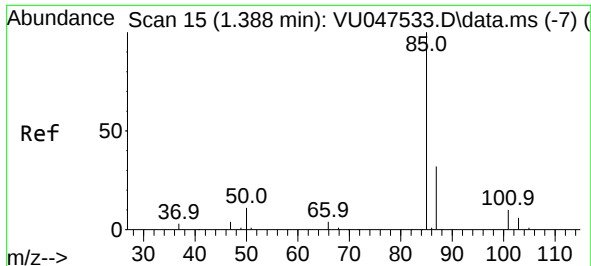
Quant Time: Mar 15 05:38:09 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	49690	4.970	ug/L	99
29) 1,1,1-Trichloroethane	5.320	97	66660	5.132	ug/L	99
30) Cyclohexane	5.394	56	59746	5.327	ug/L	99
31) Carbon tetrachloride	5.529	117	59306	5.191	ug/L	100
33) Benzene	5.777	78	170682	5.172	ug/L	100
34) Trichloroethene	6.546	95	45102	5.158	ug/L	97
35) Methylcyclohexane	6.767	83	67897	5.395	ug/L	99
37) 1,2-Dichloropropane	6.793	63	43992	5.202	ug/L	99
38) Bromodichloromethane	7.108	83	58173	4.996	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	65616	4.993	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	294406	49.944	ug/L	100
42) Toluene	7.973	91	186284	5.207	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	60801	5.186	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	36813	5.078	ug/L	99
47) Tetrachloroethene	8.555	164	38398	5.148	ug/L	97
48) 2-Hexanone	8.687	43	223309	49.776	ug/L	99
49) Dibromochloromethane	8.812	129	46628	5.221	ug/L	100
50) 1,2-Dibromoethane	8.928	107	36226	5.053	ug/L	99
51) Chlorobenzene	9.449	112	126617	5.182	ug/L	100
52) Ethylbenzene	9.571	91	197474	5.212	ug/L	99
53) m,p-Xylene	9.697	106	77879	5.316	ug/L	96
54) o-Xylene	10.102	106	75502	5.217	ug/L	97
55) Styrene	10.115	104	131572	5.294	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	48243	4.963	ug/L	99
59) Bromoform	10.295	173	29992	5.146	ug/L	98
60) Isopropylbenzene	10.484	105	197871	5.302	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	34451	4.972	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	126508	5.309	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	163257	5.278	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	107848	5.182	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	107890	5.074	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	103613	5.035	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	7963	4.791	ug/L	96
69) 1,3,5-Trichlorobenzene	13.220	180	89785	5.103	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	77845	5.030	ug/L	98
71) Naphthalene	14.089	128	129552	4.510	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	70464	4.744	ug/L	100

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

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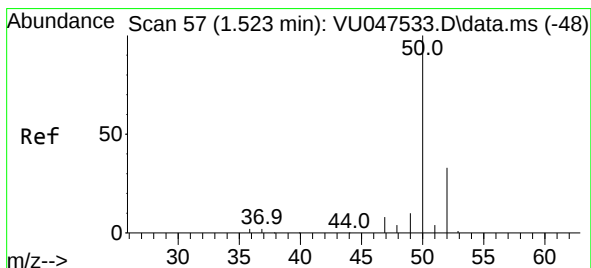
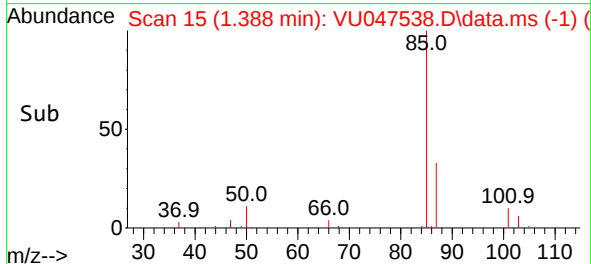
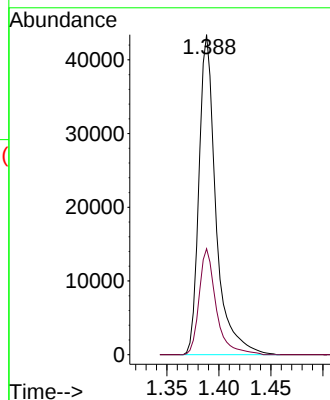
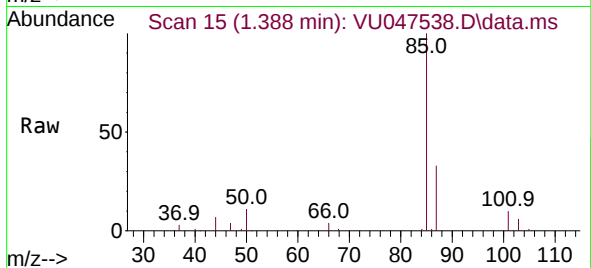




#2
Dichlorodifluoromethane
Concen: 5.305 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

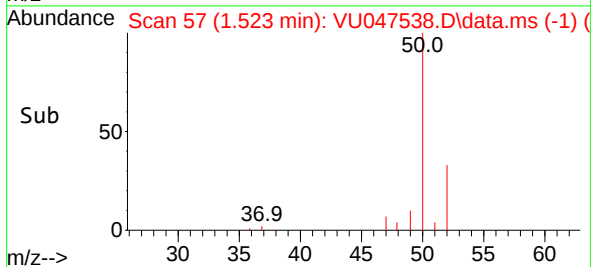
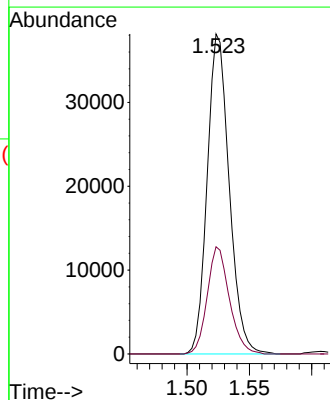
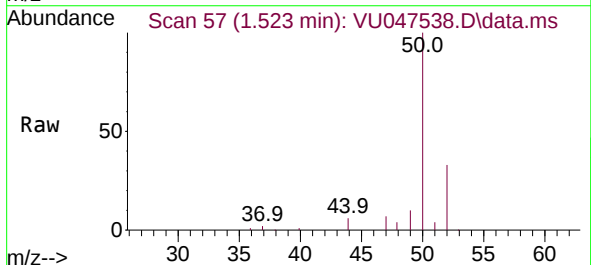
Instrument :
MSVOA_U
ClientSampleId :
VICV025

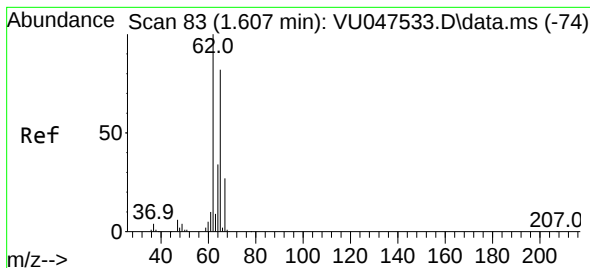
Tgt Ion: 85 Resp: 49257
Ion Ratio Lower Upper
85 100
87 33.2 26.2 39.4



#3
Chloromethane
Concen: 5.141 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

Tgt Ion: 50 Resp: 46817
Ion Ratio Lower Upper
50 100
52 33.5 23.2 43.0





#5

Vinyl chloride

Concen: 5.184 ug/L

RT: 1.607 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

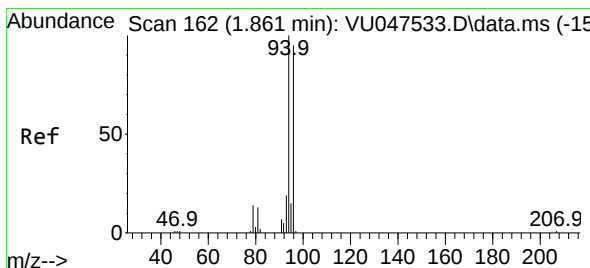
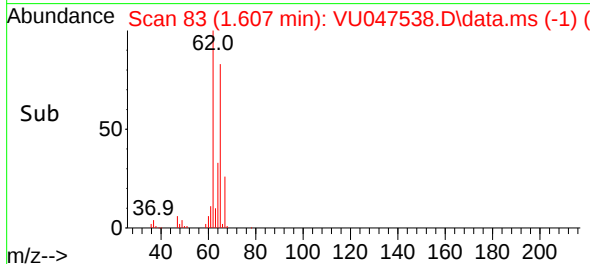
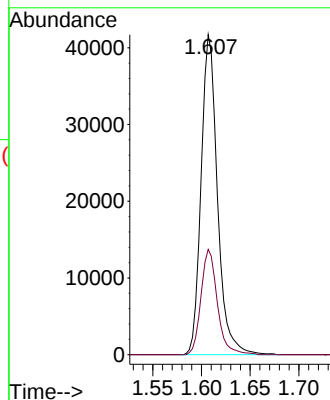
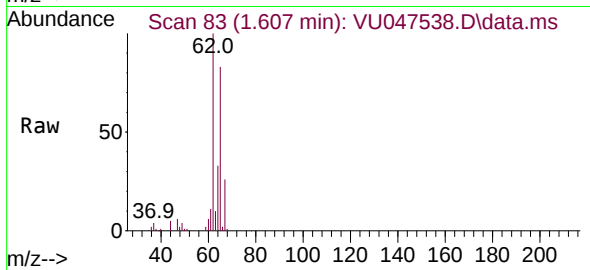
VICV025

Tgt Ion: 62 Resp: 48682

Ion Ratio Lower Upper

62 100

64 32.9 23.5 43.7



#6

Bromomethane

Concen: 5.186 ug/L

RT: 1.864 min Scan# 163

Delta R.T. 0.003 min

Lab File: VU047538.D

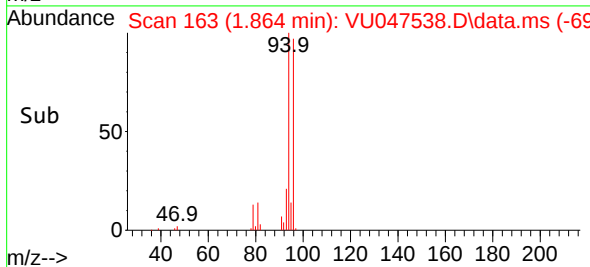
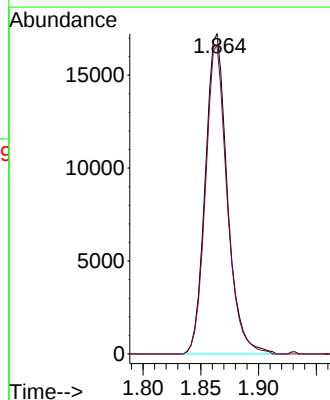
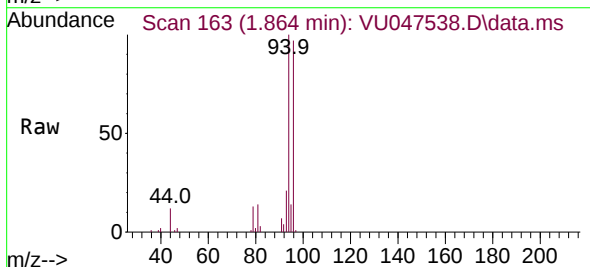
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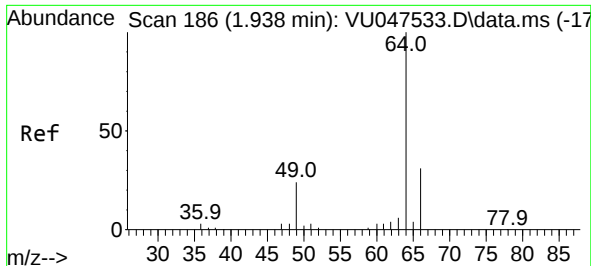
Tgt Ion: 94 Resp: 22914

Ion Ratio Lower Upper

94 100

96 96.5 66.5 123.5

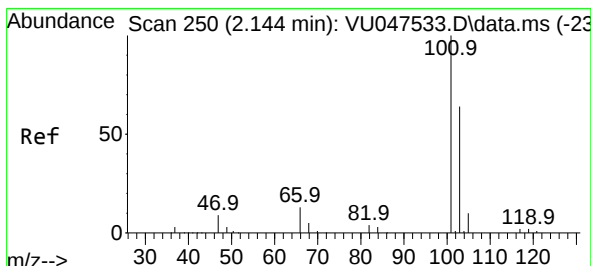
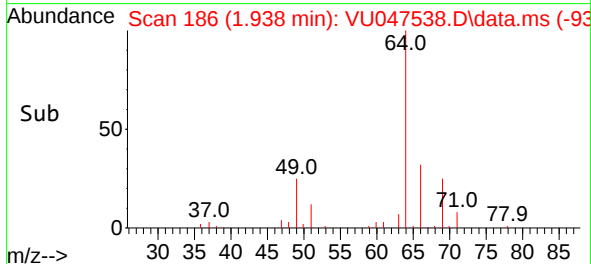
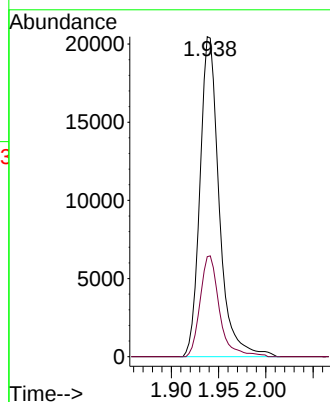
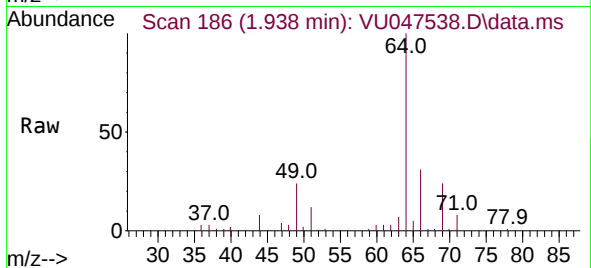




#8
Chloroethane
Concen: 5.105 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

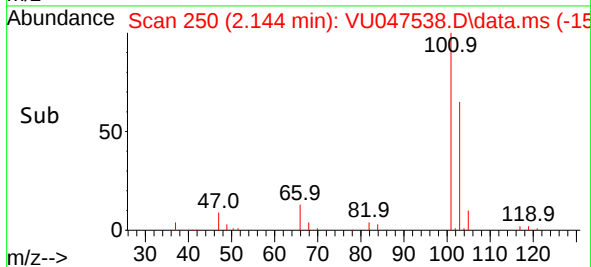
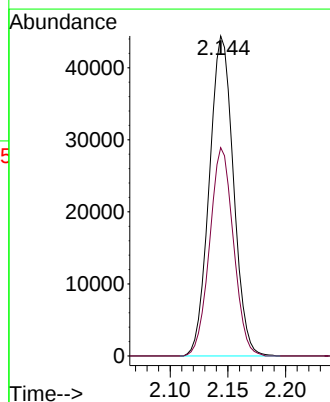
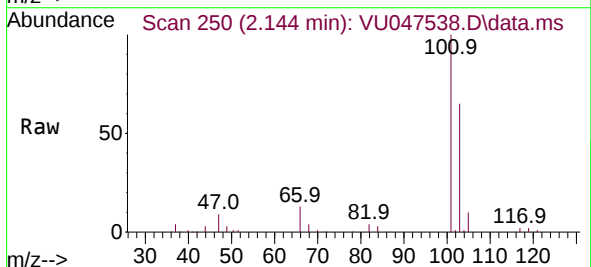
Instrument :
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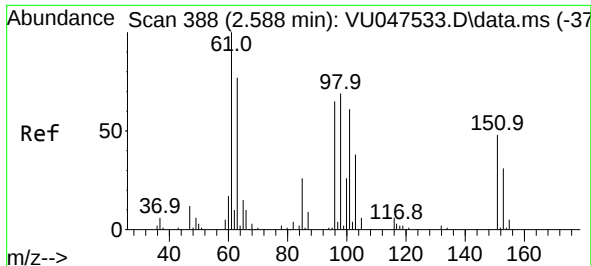
Tgt Ion: 64 Resp: 28976
Ion Ratio Lower Upper
64 100
66 31.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.242 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

Tgt Ion:101 Resp: 64547
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

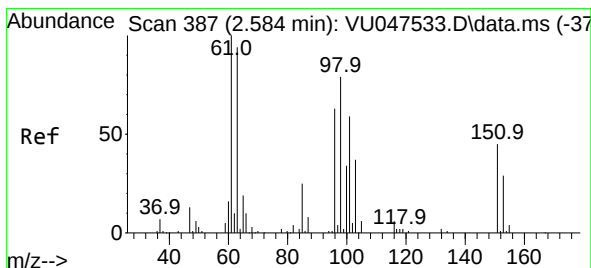
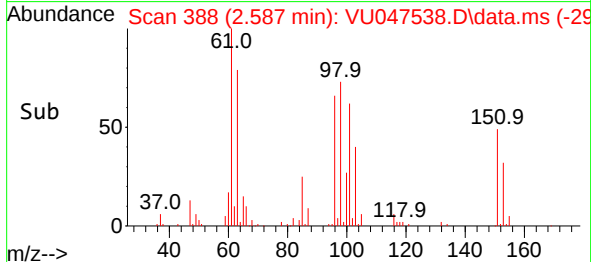
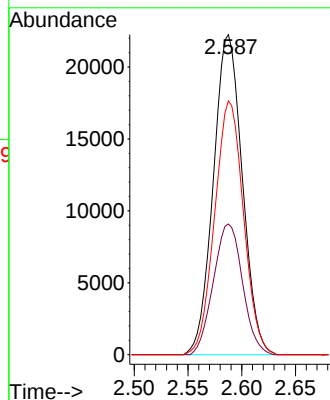
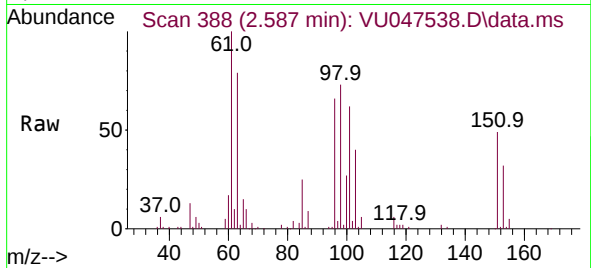




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.359 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047538.D
 Acq: 14 Mar 2022 16:27

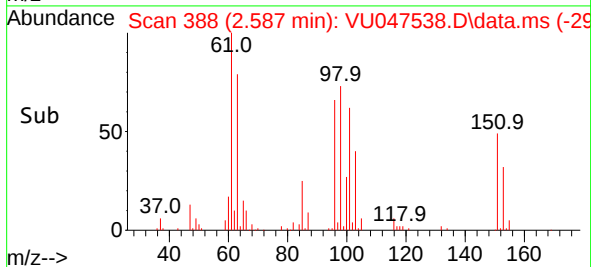
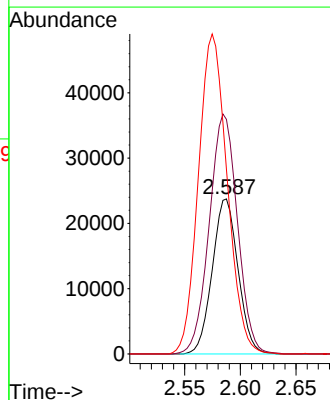
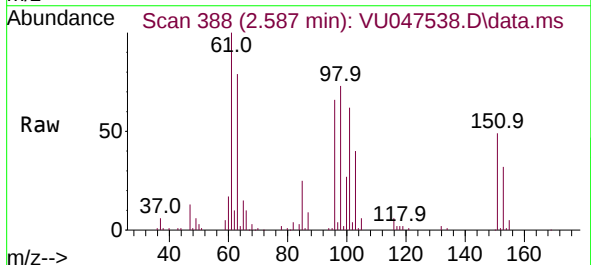
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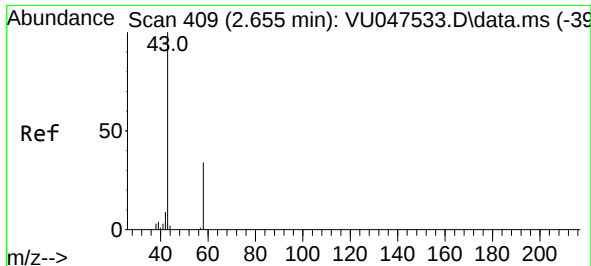
Tgt Ion:101 Resp: 41657
 Ion Ratio Lower Upper
 101 100
 85 41.1 34.0 51.0
 151 79.0 63.8 95.6



#12
 1,1-Dichloroethene
 Concen: 5.083 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU047538.D
 Acq: 14 Mar 2022 16:27

Tgt Ion: 96 Resp: 38213
 Ion Ratio Lower Upper
 96 100
 61 151.2 111.4 207.0
 63 119.0 106.6 198.0





#13

Acetone

Concen: 44.579 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.000 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

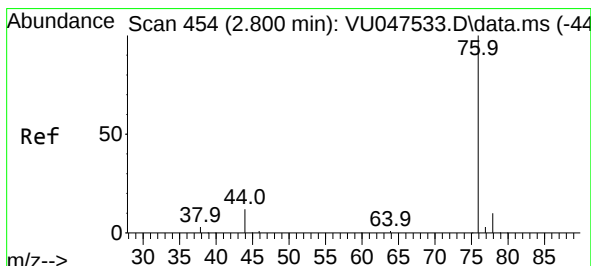
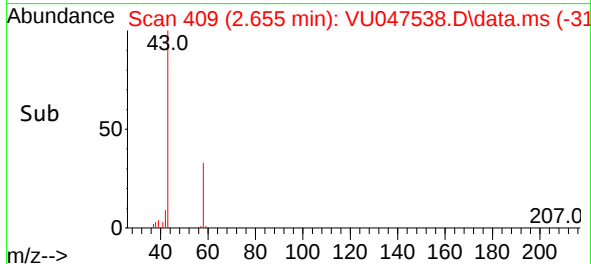
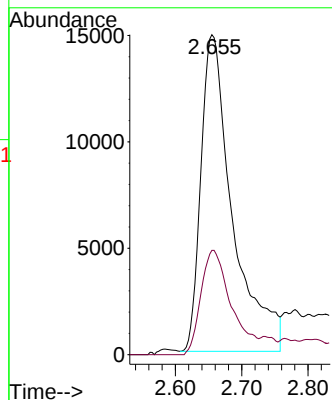
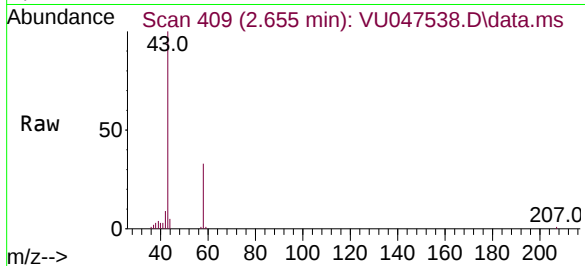
VICV025

Tgt Ion: 43 Resp: 49363

Ion Ratio Lower Upper

43 100

58 31.7 0.0 69.4



#14

Carbon disulfide

Concen: 5.022 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047538.D

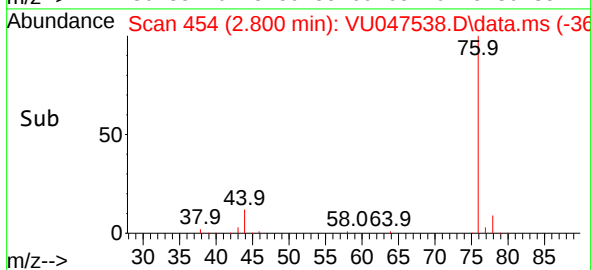
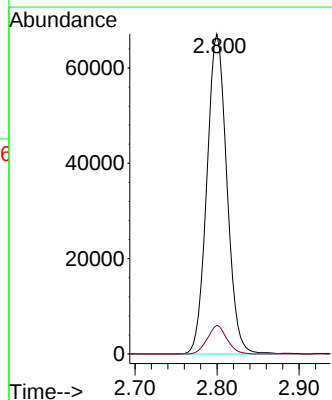
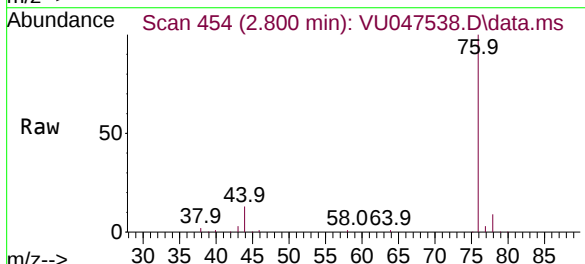
Acq: 14 Mar 2022 16:27

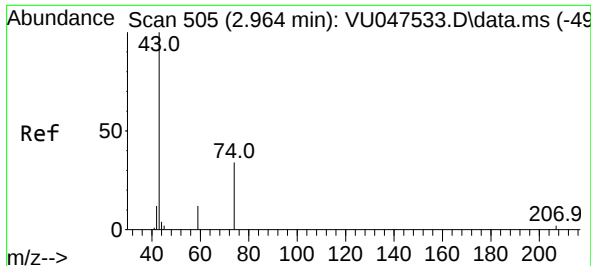
Tgt Ion: 76 Resp: 113594

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

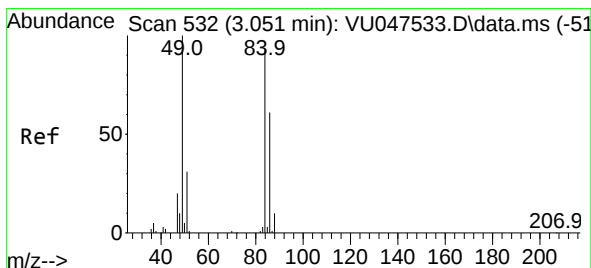
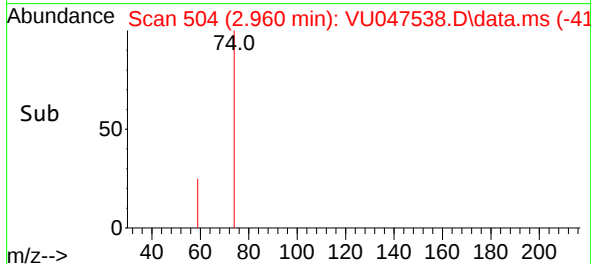
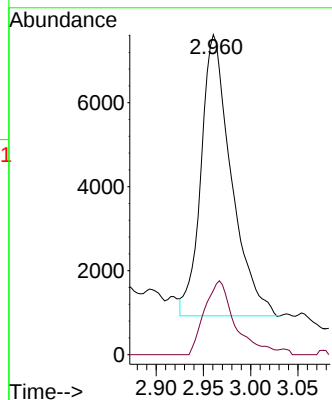
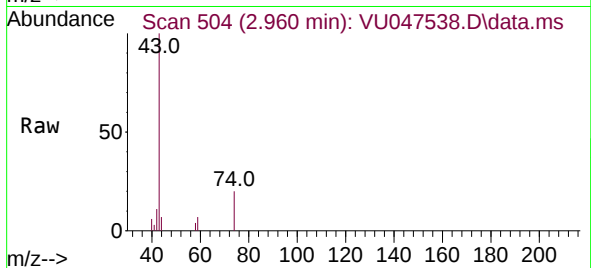




#15
Methyl Acetate
Concen: 4.868 ug/L
RT: 2.960 min Scan# 505
Delta R.T. -0.003 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

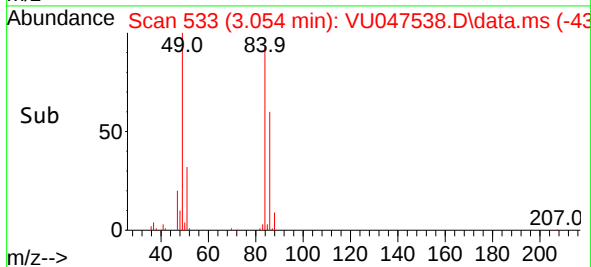
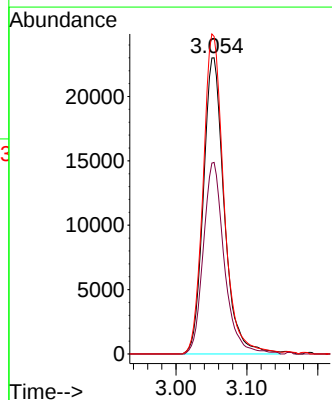
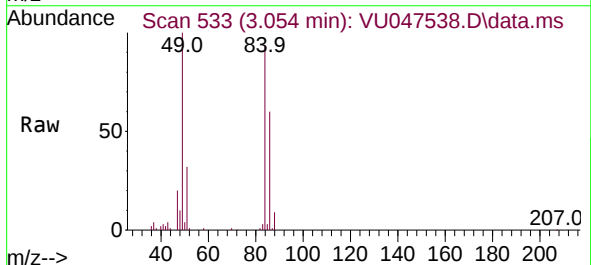
Instrument :
MSVOA_U
ClientSampleId :
VICV025

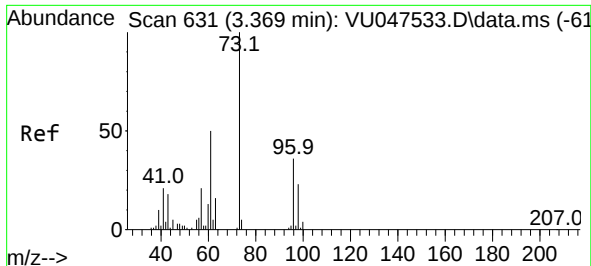
Tgt Ion: 43 Resp: 14880
Ion Ratio Lower Upper
43 100
74 26.6 21.8 32.6



#16
Methylene chloride
Concen: 4.239 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

Tgt Ion: 84 Resp: 47019
Ion Ratio Lower Upper
84 100
86 64.7 45.4 84.4
49 107.2 75.0 139.4





#17

Methyl tert-butyl Ether

Concen: 5.061 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

VICV025

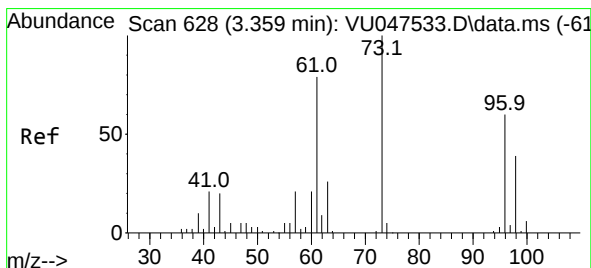
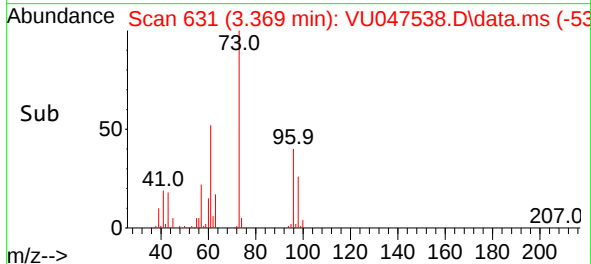
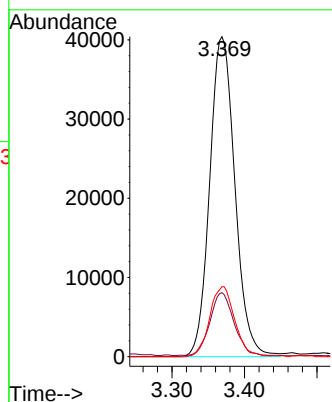
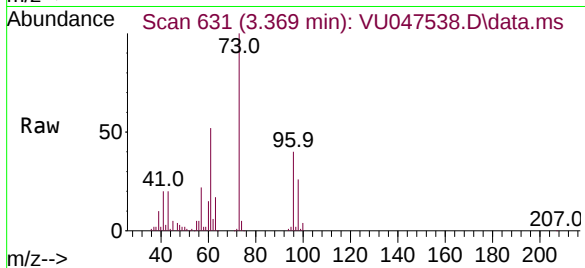
Tgt Ion: 73 Resp: 97629

Ion Ratio Lower Upper

73 100

43 18.6 15.2 22.8

57 21.7 17.2 25.8



#18

trans-1,2-Dichloroethene

Concen: 5.021 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

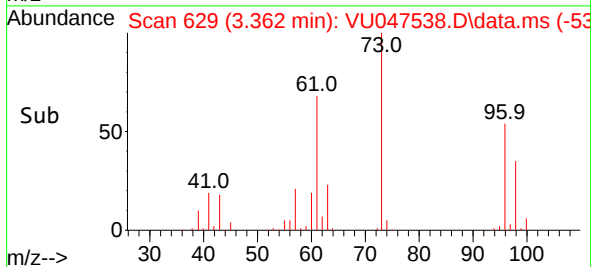
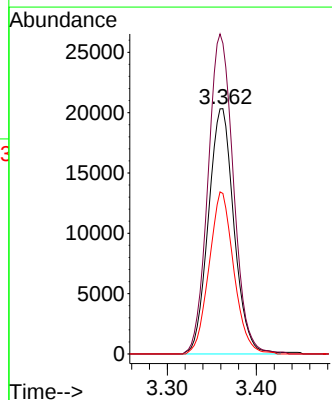
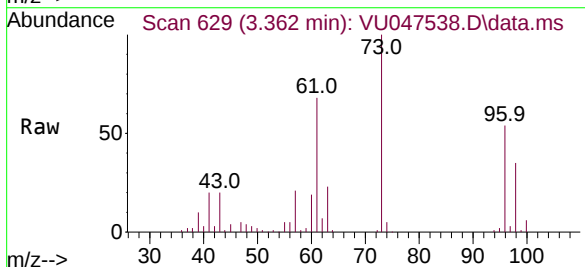
Tgt Ion: 96 Resp: 40581

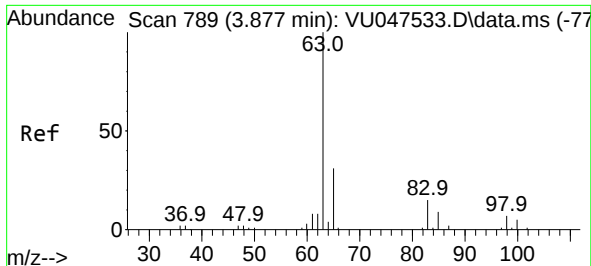
Ion Ratio Lower Upper

96 100

61 126.6 91.7 170.3

98 65.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.092 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

VICV025

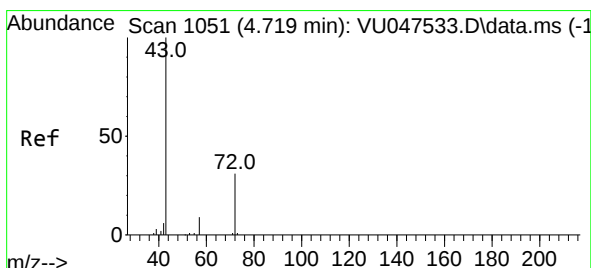
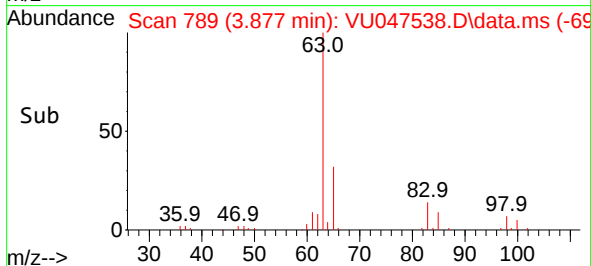
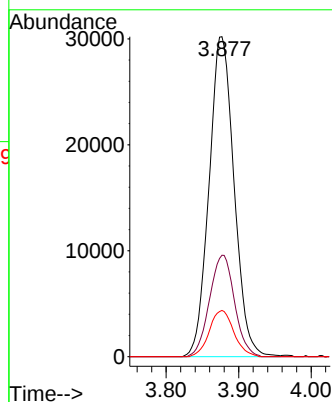
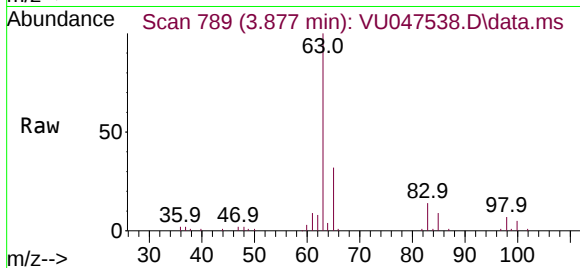
Tgt Ion: 63 Resp: 72392

Ion Ratio Lower Upper

63 100

65 31.7 21.8 40.6

83 14.4 10.8 20.0



#21

2-Butanone

Concen: 42.926 ug/L

RT: 4.722 min Scan# 1052

Delta R.T. 0.003 min

Lab File: VU047538.D

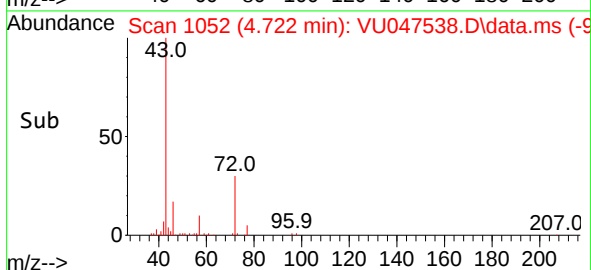
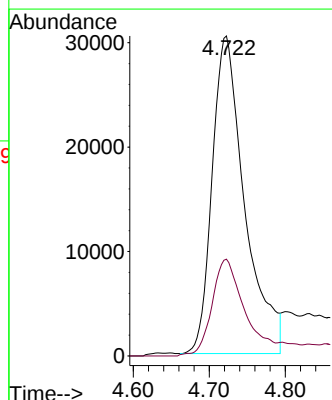
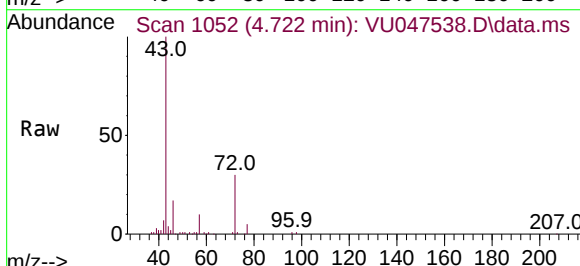
Acq: 14 Mar 2022 16:27

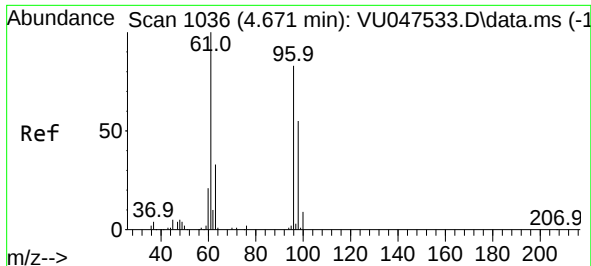
Tgt Ion: 43 Resp: 90434

Ion Ratio Lower Upper

43 100

72 30.8 14.9 44.7

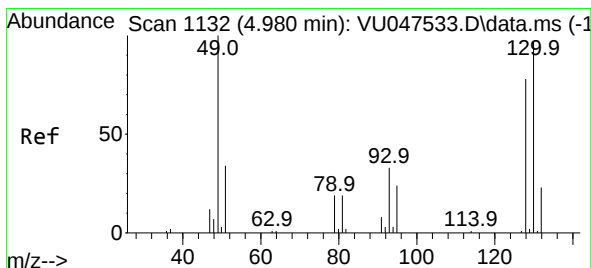
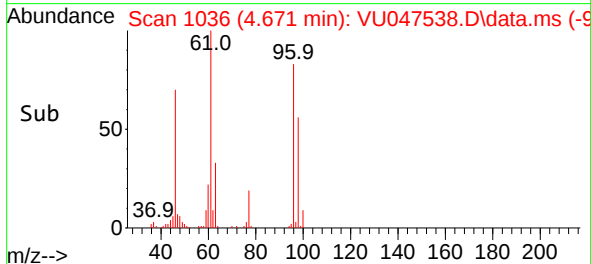
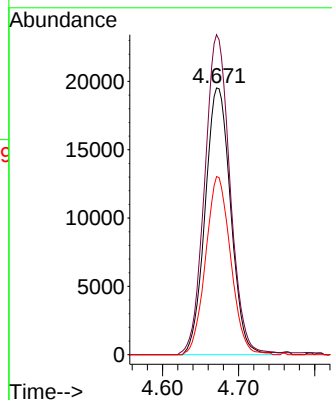
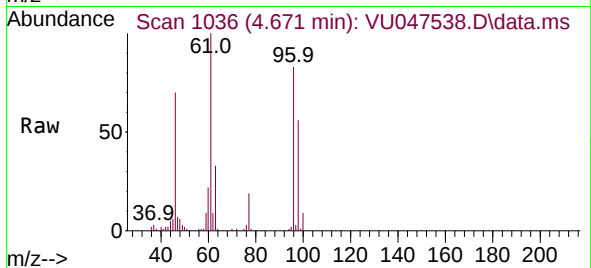




#22
cis-1,2-Dichloroethene
Concen: 5.090 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

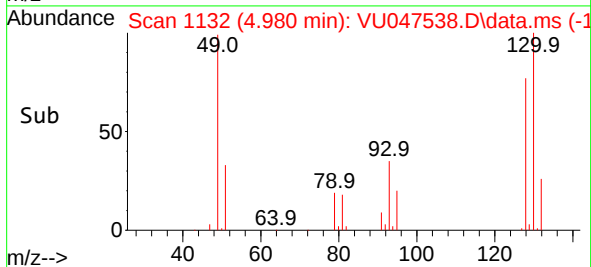
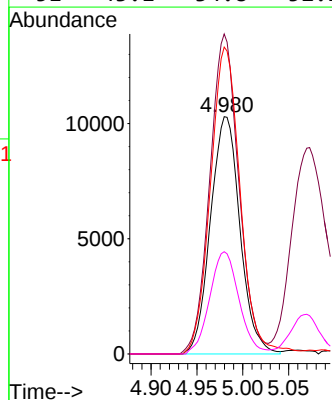
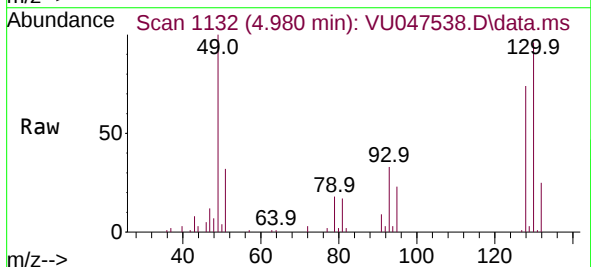
Instrument :
MSVOA_U
ClientSampleId :
VICV025

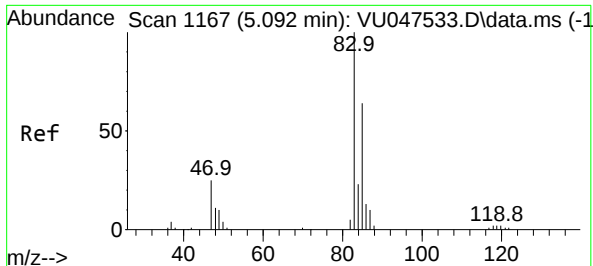
Tgt Ion: 96 Resp: 45647
Ion Ratio Lower Upper
96 100
61 120.0 83.9 155.7
98 66.8 46.4 86.2



#23
Bromochloromethane
Concen: 5.061 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

Tgt Ion: 128 Resp: 23030
Ion Ratio Lower Upper
128 100
49 134.9 89.6 166.4
130 129.3 87.3 162.1
51 43.1 34.8 52.2





#25

Chloroform

Concen: 5.011 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

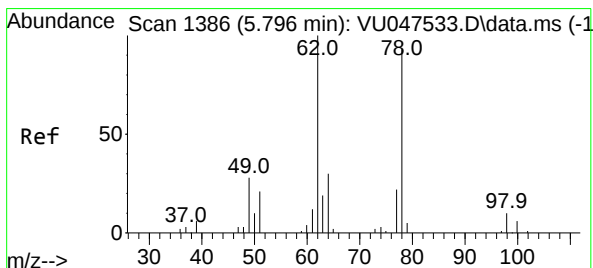
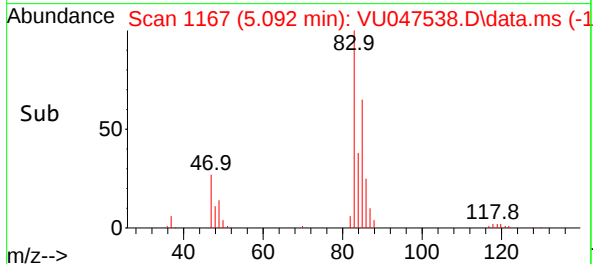
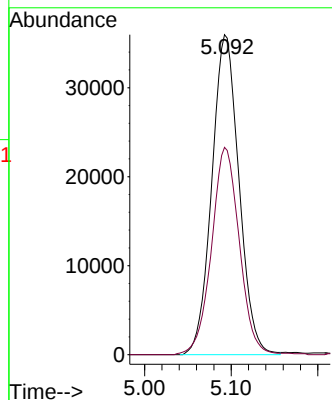
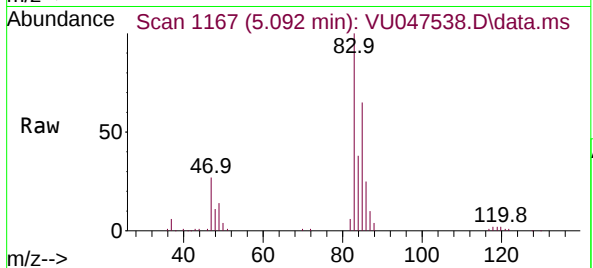
VICV025

Tgt Ion: 83 Resp: 78318

Ion Ratio Lower Upper

83 100

85 64.8 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.970 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU047538.D

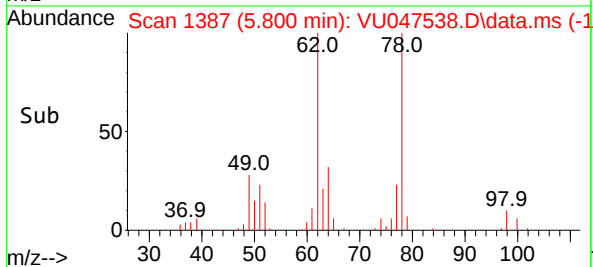
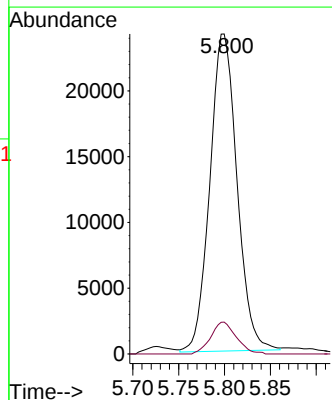
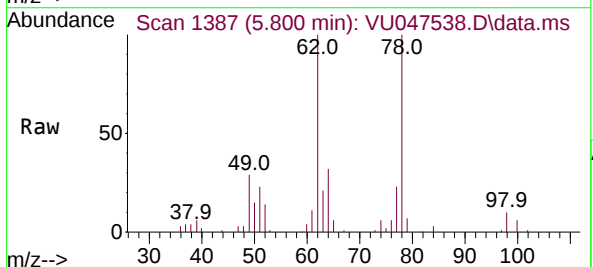
Acq: 14 Mar 2022 16:27

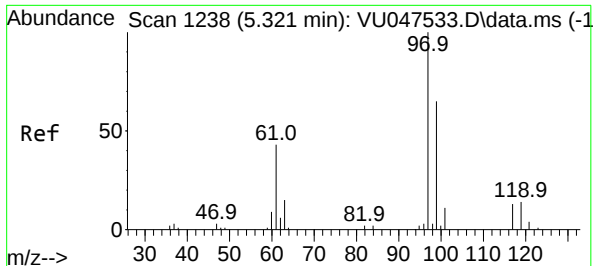
Tgt Ion: 62 Resp: 49690

Ion Ratio Lower Upper

62 100

98 10.0 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.132 ug/L

RT: 5.320 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

VICV025

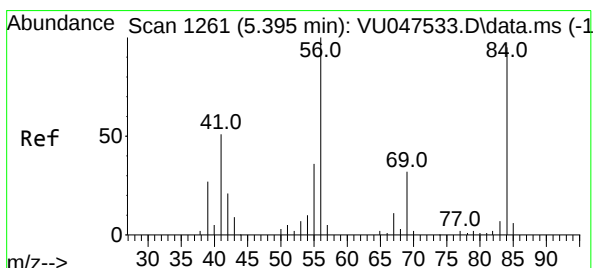
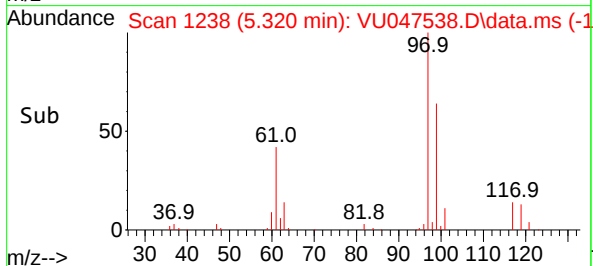
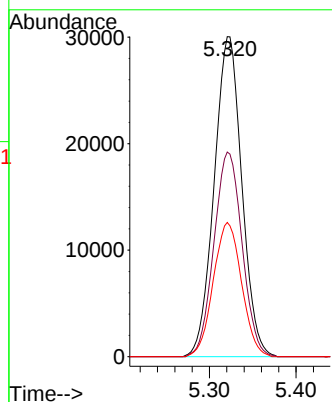
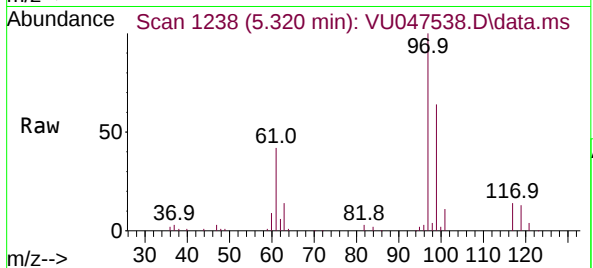
Tgt Ion: 97 Resp: 66660

Ion Ratio Lower Upper

97 100

99 65.0 51.2 76.8

61 42.9 35.0 52.4



#30

Cyclohexane

Concen: 5.327 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

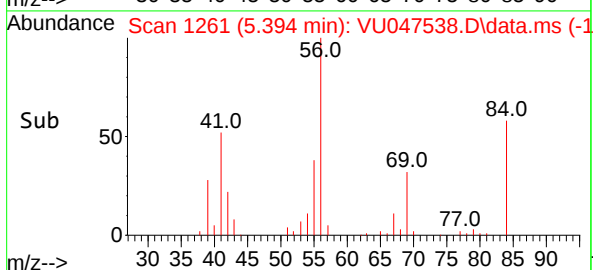
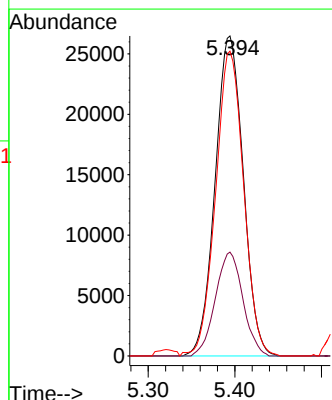
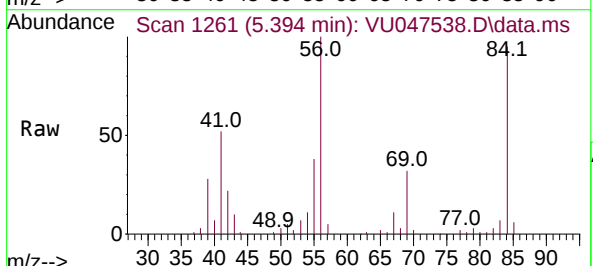
Tgt Ion: 56 Resp: 59746

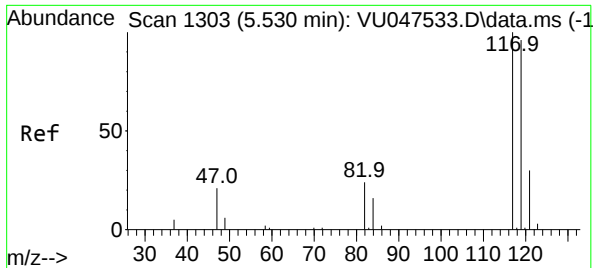
Ion Ratio Lower Upper

56 100

69 31.7 26.0 39.0

84 94.8 76.2 114.4

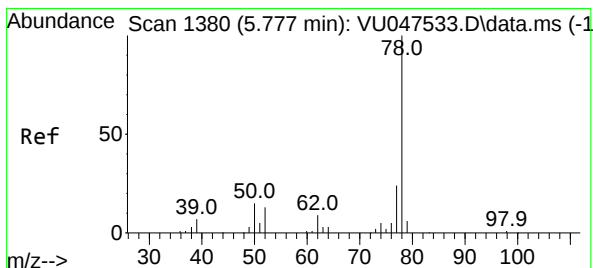
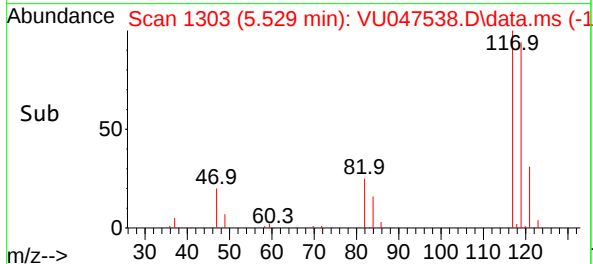
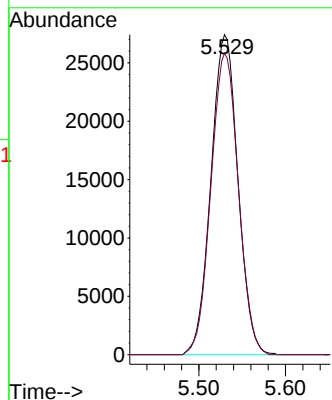
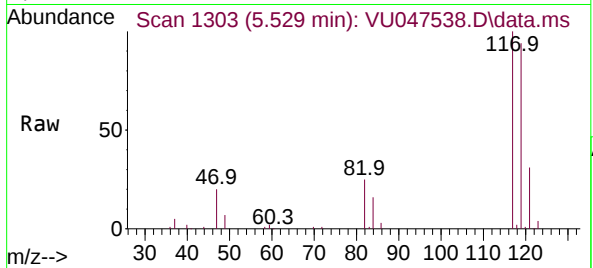




#31
Carbon tetrachloride
Concen: 5.191 ug/L
RT: 5.529 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

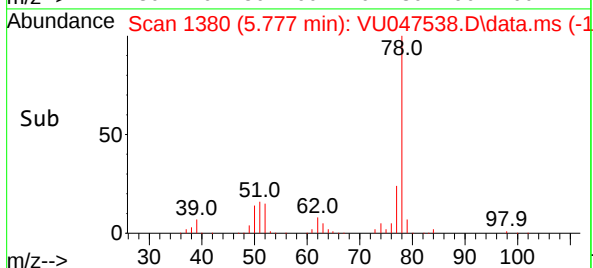
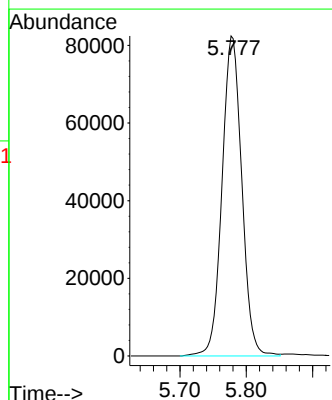
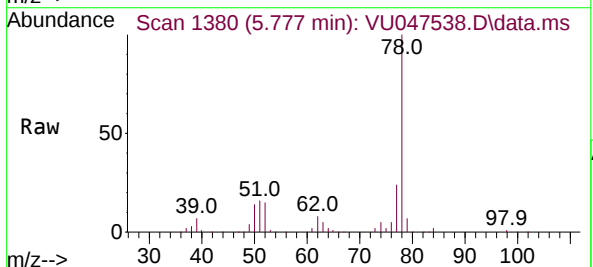
Instrument :
MSVOA_U
ClientSampleId :
VICV025

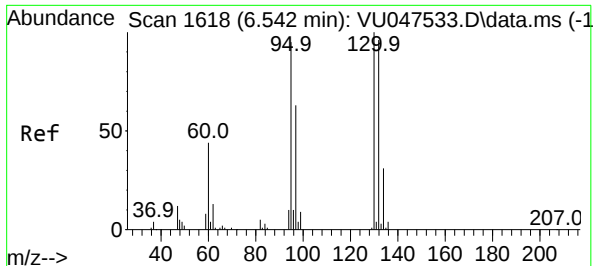
Tgt Ion:117 Resp: 59306
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3



#33
Benzene
Concen: 5.172 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

Tgt Ion: 78 Resp: 170682





#34

Trichloroethene

Concen: 5.158 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

VICV025

Tgt Ion: 95 Resp: 45102

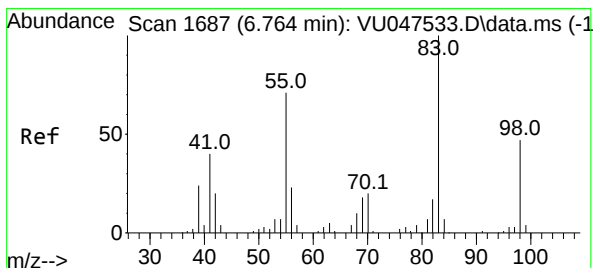
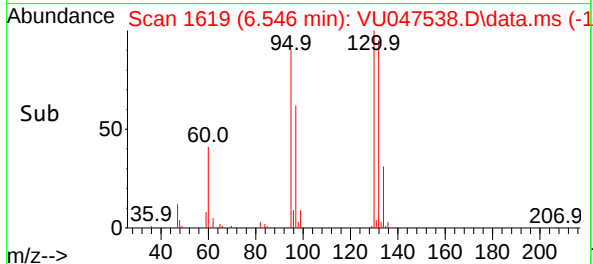
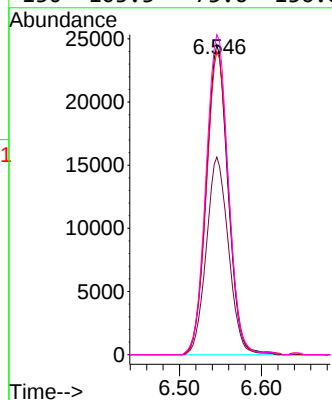
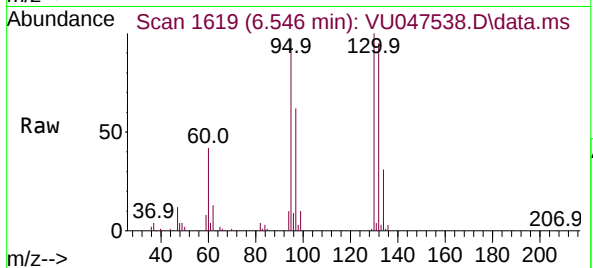
Ion Ratio Lower Upper

95 100

97 63.8 46.3 85.9

132 97.8 70.7 131.3

130 103.3 73.6 136.8



#35

Methylcyclohexane

Concen: 5.395 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. 0.003 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

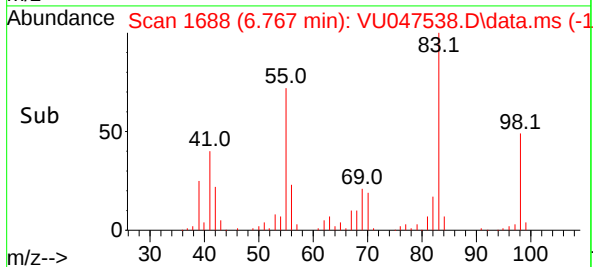
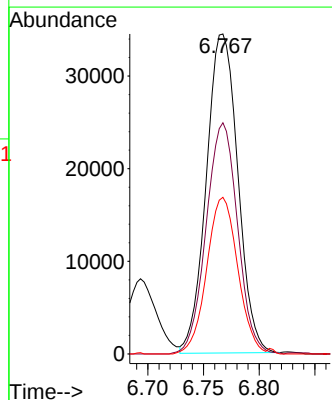
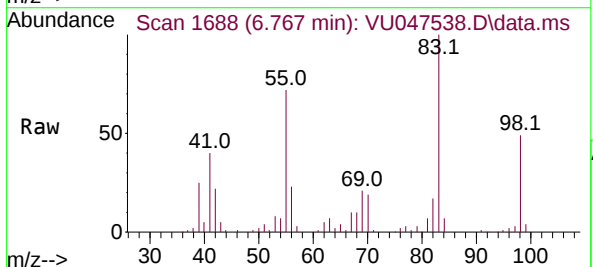
Tgt Ion: 83 Resp: 67897

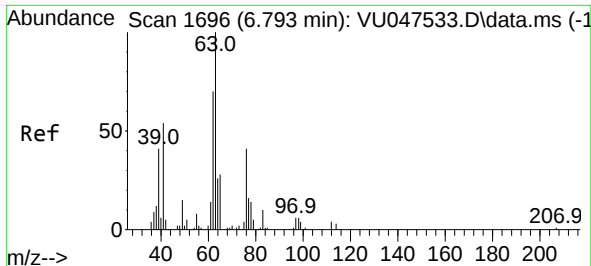
Ion Ratio Lower Upper

83 100

55 72.2 57.3 85.9

98 48.3 37.5 56.3





#37

1,2-Dichloropropane

Concen: 5.202 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

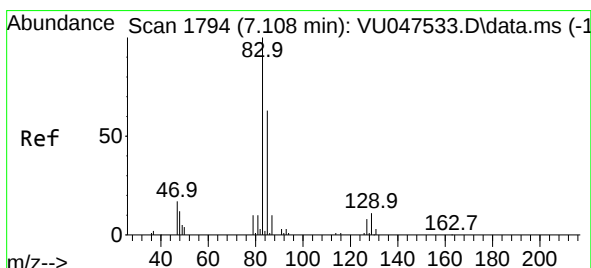
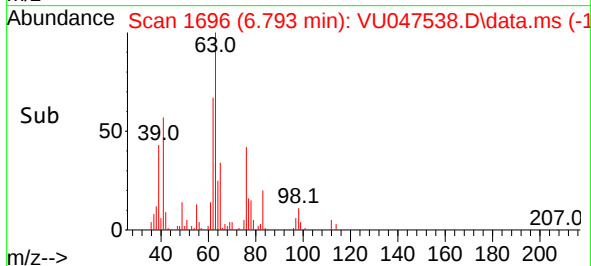
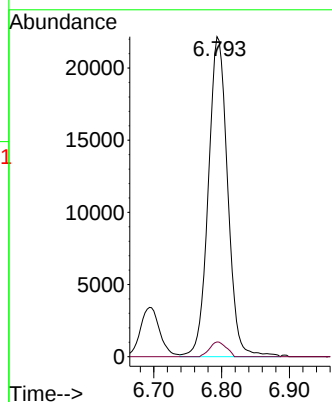
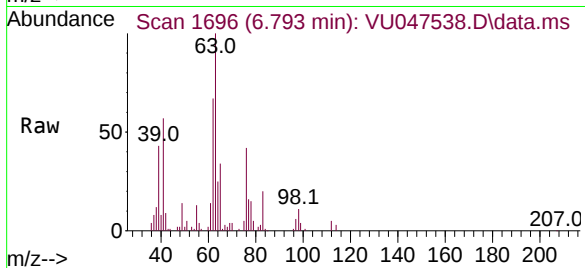
VICV025

Tgt Ion: 63 Resp: 43992

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.0



#38

Bromodichloromethane

Concen: 4.996 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

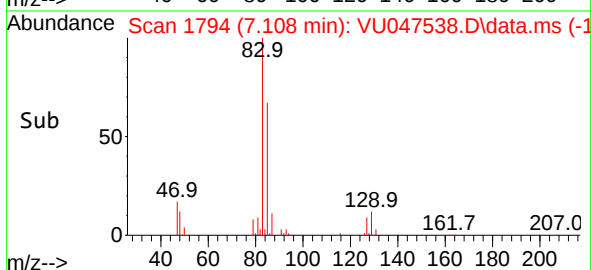
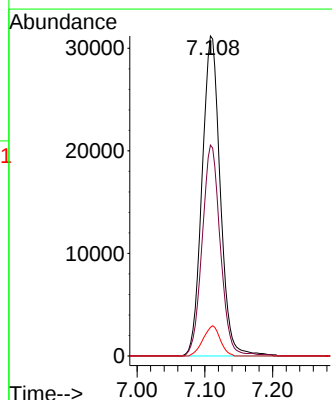
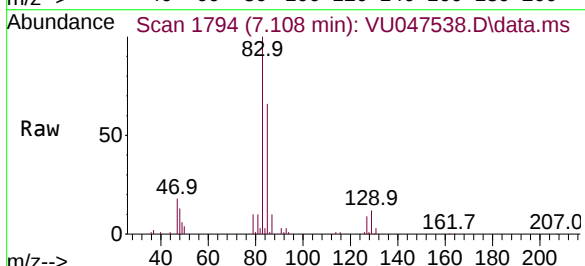
Tgt Ion: 83 Resp: 58173

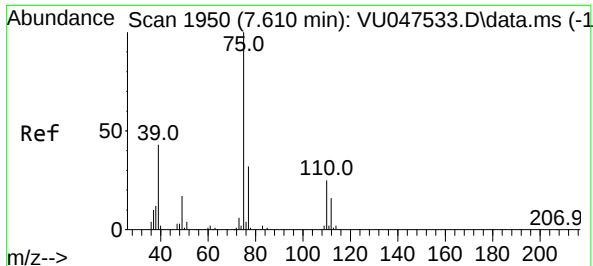
Ion Ratio Lower Upper

83 100

85 65.9 44.2 82.0

127 9.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 4.993 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

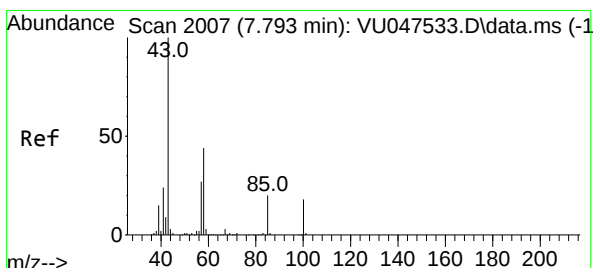
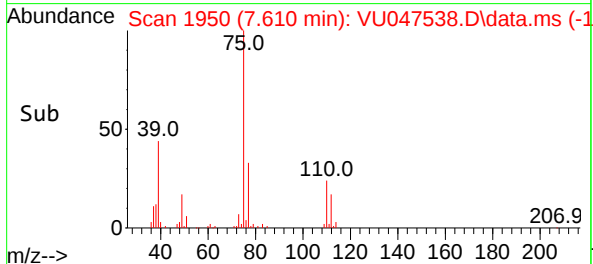
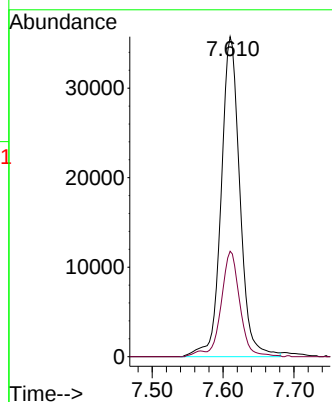
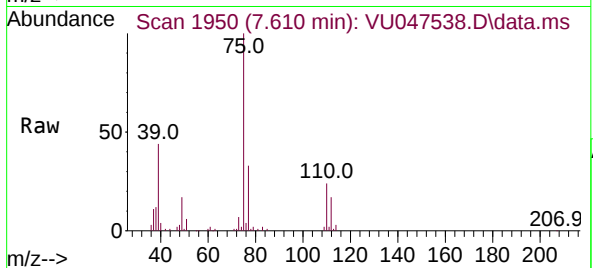
VICV025

Tgt Ion: 75 Resp: 65616

Ion Ratio Lower Upper

75 100

77 32.9 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 49.944 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

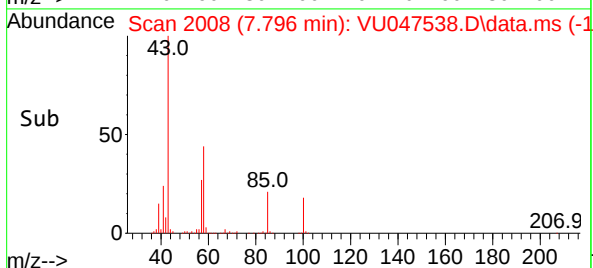
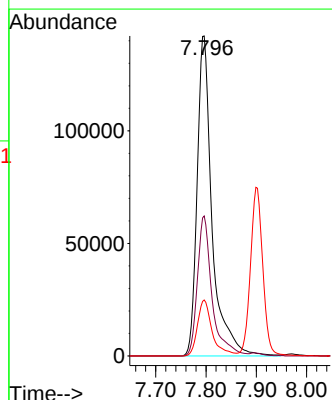
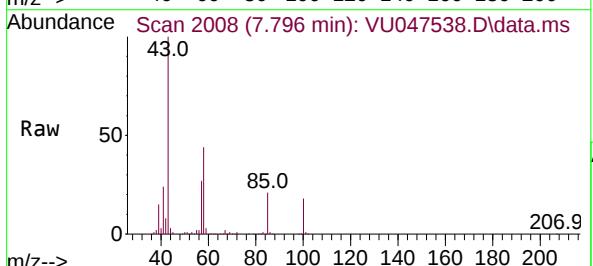
Tgt Ion: 43 Resp: 294406

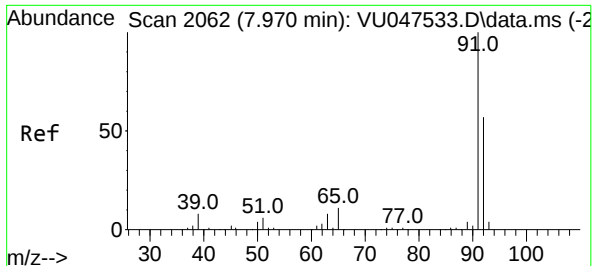
Ion Ratio Lower Upper

43 100

58 42.8 34.5 51.7

100 17.2 13.8 20.6





#42

Toluene

Concen: 5.207 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

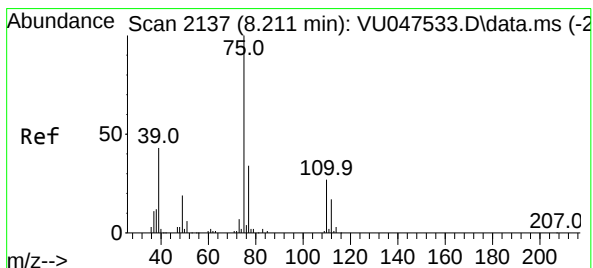
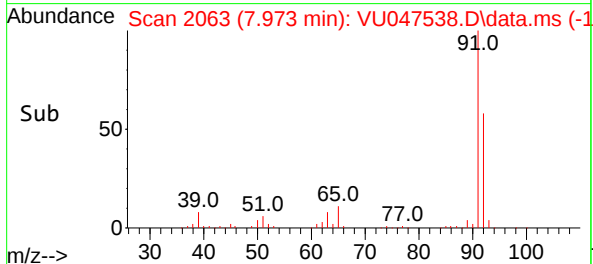
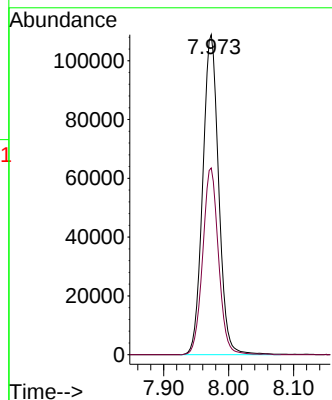
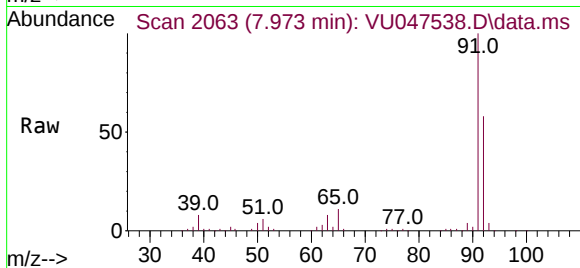
VICV025

Tgt Ion: 91 Resp: 186284

Ion Ratio Lower Upper

91 100

92 58.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.186 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU047538.D

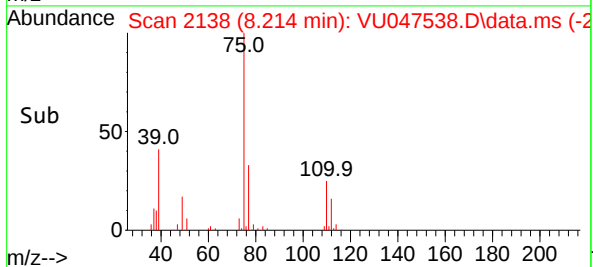
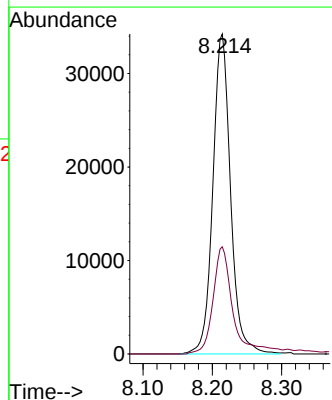
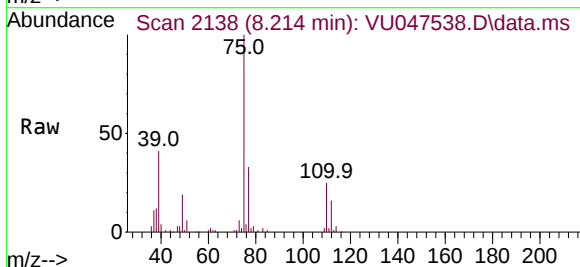
Acq: 14 Mar 2022 16:27

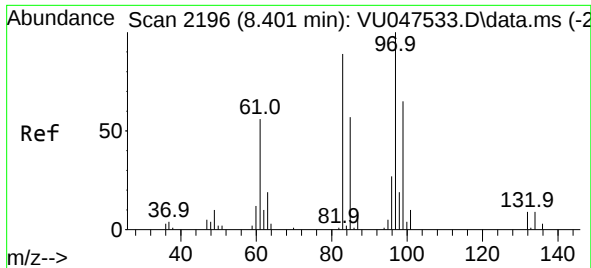
Tgt Ion: 75 Resp: 60801

Ion Ratio Lower Upper

75 100

77 33.5 23.4 43.6

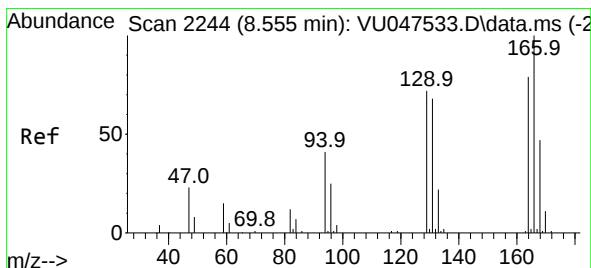
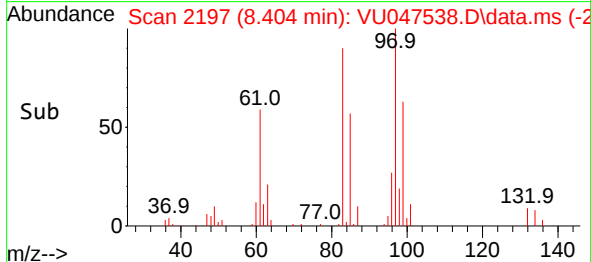
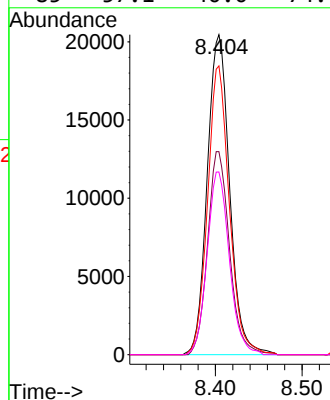
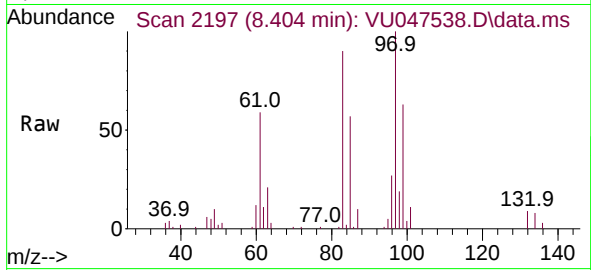




#45
1,1,2-Trichloroethane
Concen: 5.078 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

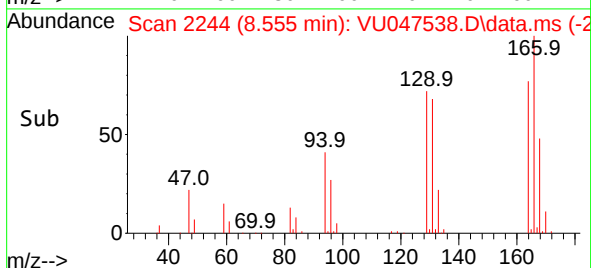
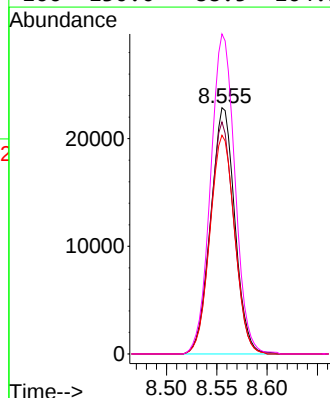
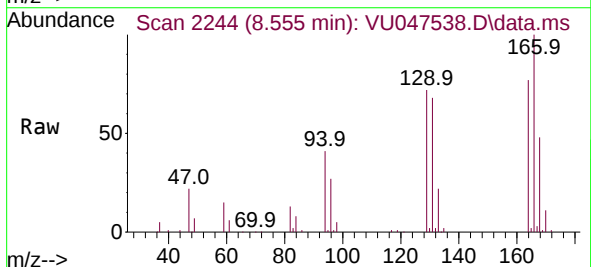
Instrument :
MSVOA_U
ClientSampleId :
VICV025

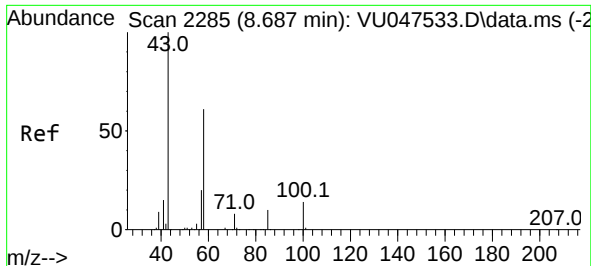
Tgt Ion:	97	Resp:	36813
Ion	Ratio	Lower	Upper
97	100		
99	63.5	45.3	84.1
83	90.3	62.2	115.6
85	57.1	40.0	74.4



#47
Tetrachloroethene
Concen: 5.148 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

Tgt Ion:	164	Resp:	38398
Ion	Ratio	Lower	Upper
164	100		
129	94.2	63.5	117.9
131	88.8	60.5	112.5
166	130.0	88.5	164.3



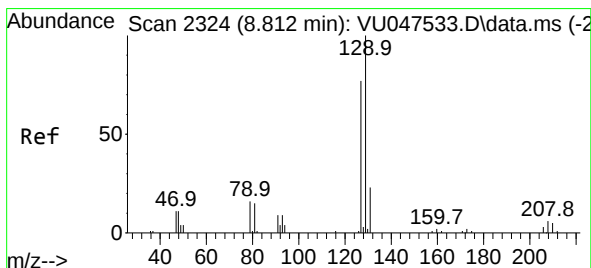
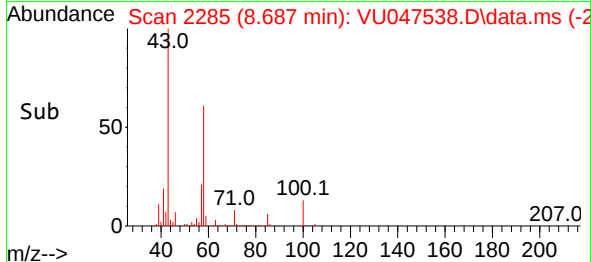
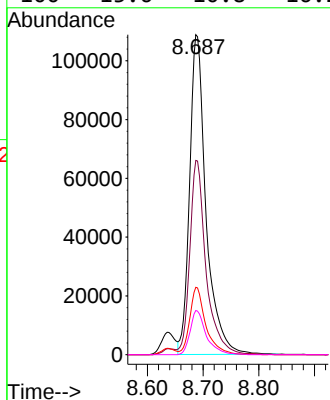
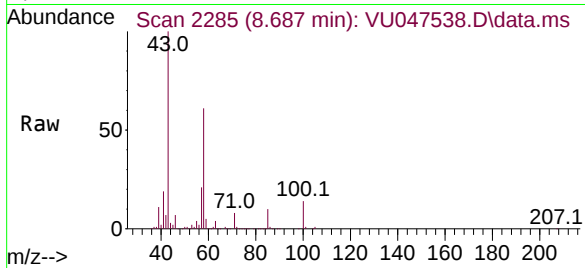


#48
2-Hexanone
Concen: 49.776 ug/L
RT: 8.687 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :
VICV025

Tgt Ion: 43 Resp: 223309

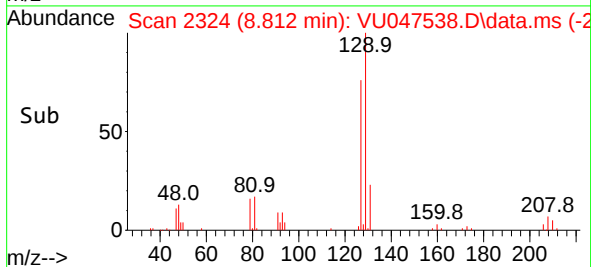
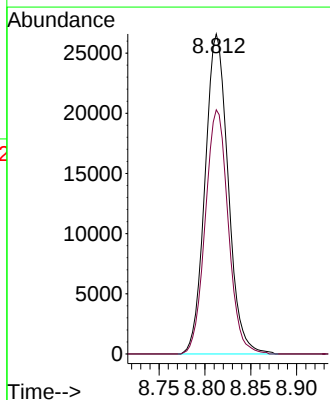
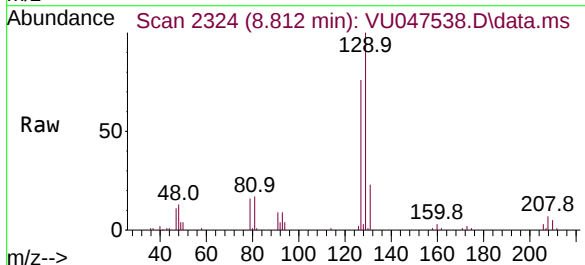
Ion	Ratio	Lower	Upper
43	100		
58	60.1	47.5	71.3
57	20.4	16.0	24.0
100	13.6	10.8	16.2

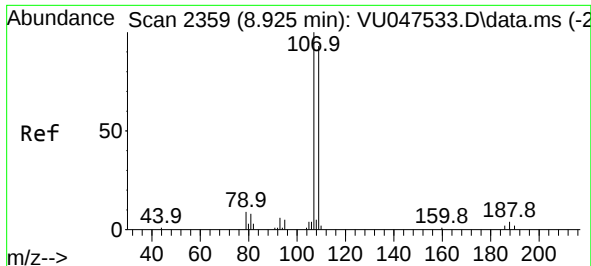


#49
Dibromochloromethane
Concen: 5.221 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

Tgt Ion: 129 Resp: 46628

Ion	Ratio	Lower	Upper
129	100		
127	76.3	53.6	99.6





#50

1,2-Dibromoethane

Concen: 5.053 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

VICV025

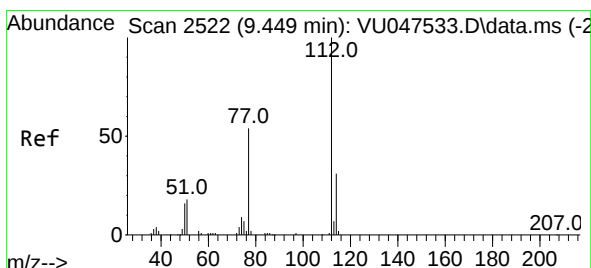
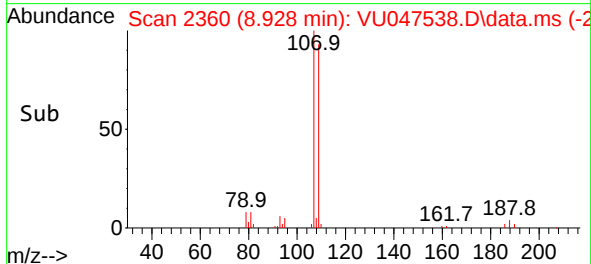
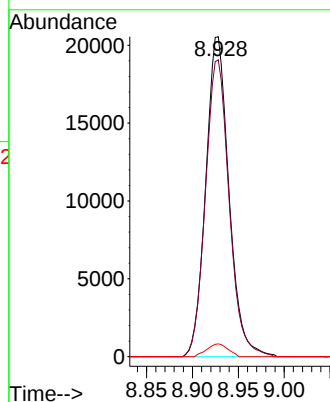
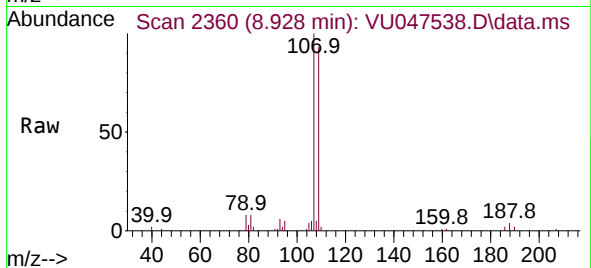
Tgt Ion:107 Resp: 36226

Ion Ratio Lower Upper

107 100

109 92.8 65.3 121.3

188 4.0 3.2 4.8



#51

Chlorobenzene

Concen: 5.182 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

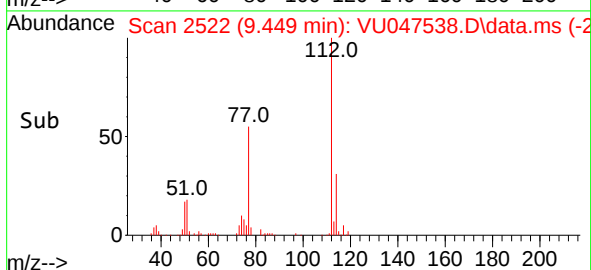
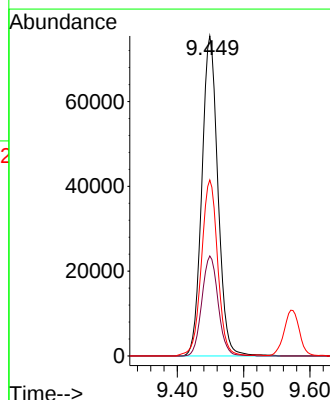
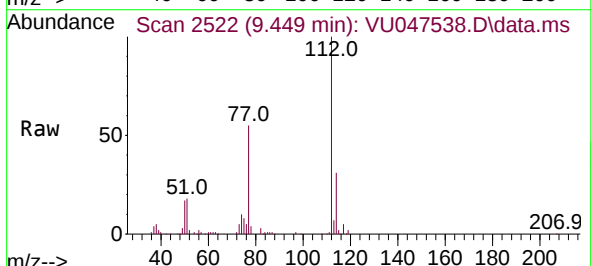
Tgt Ion:112 Resp: 126617

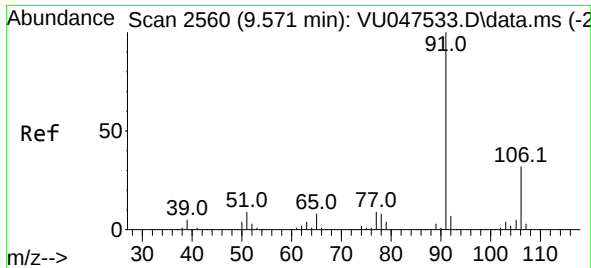
Ion Ratio Lower Upper

112 100

114 31.3 22.0 40.8

77 55.0 43.7 65.5

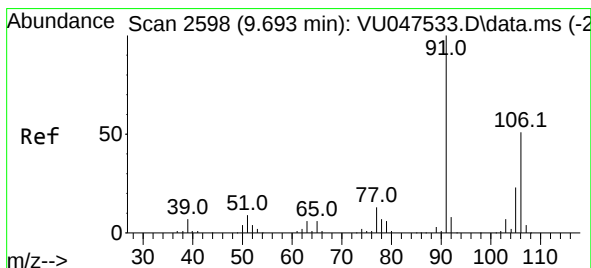
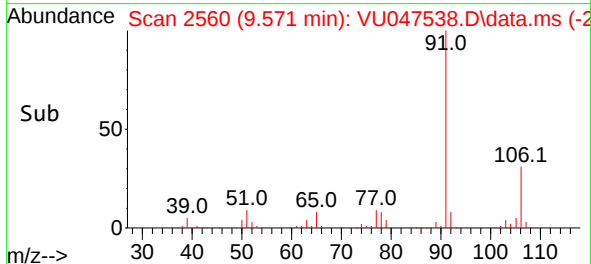
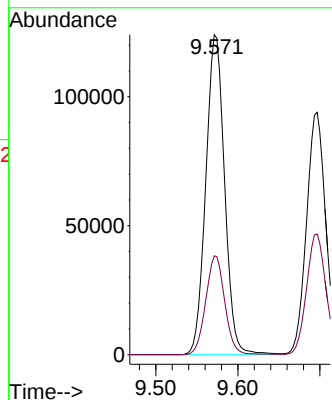
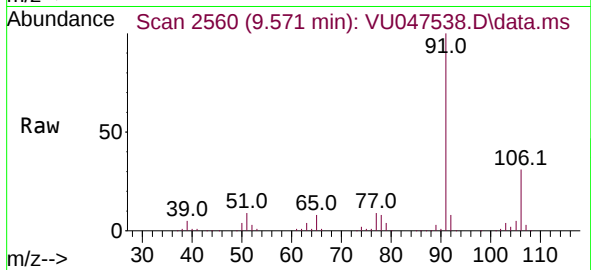




#52
Ethylbenzene
Concen: 5.212 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

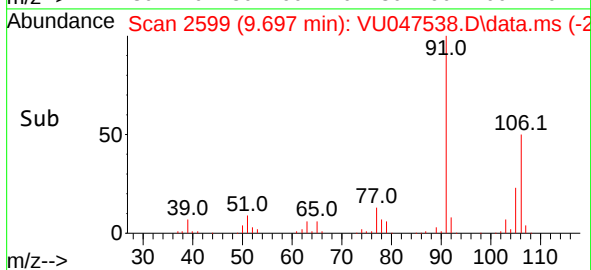
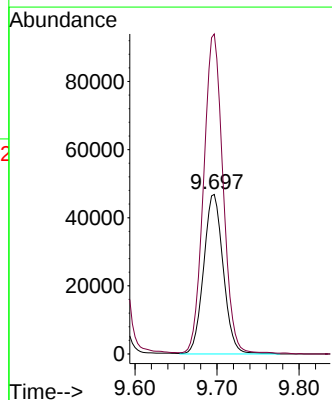
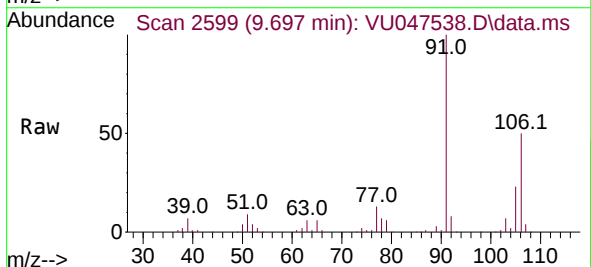
Instrument :
MSVOA_U
ClientSampleId :
VICV025

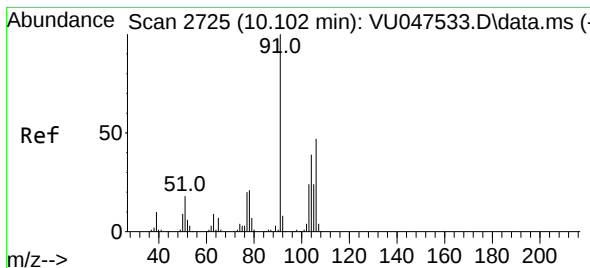
Tgt Ion: 91 Resp: 197474
Ion Ratio Lower Upper
91 100
106 30.9 22.2 41.2



#53
m,p-Xylene
Concen: 5.316 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

Tgt Ion: 106 Resp: 77879
Ion Ratio Lower Upper
106 100
91 200.5 136.6 253.8





#54

o-Xylene

Concen: 5.217 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

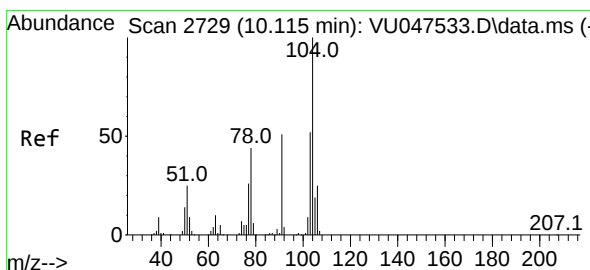
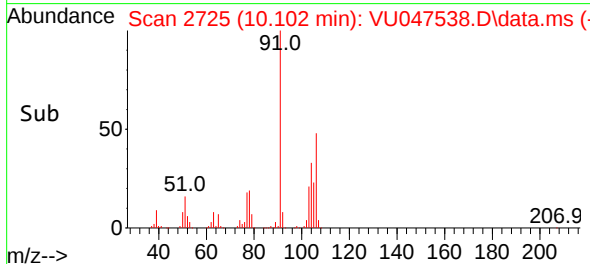
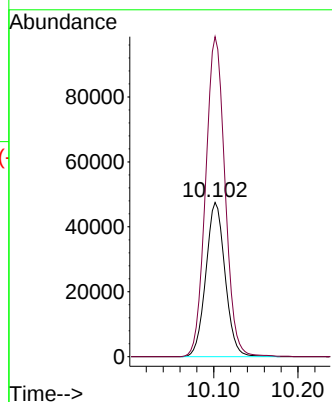
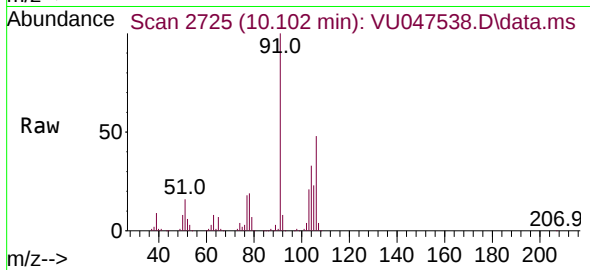
VICV025

Tgt Ion:106 Resp: 75502

Ion Ratio Lower Upper

106 100

91 207.4 148.5 275.9



#55

Styrene

Concen: 5.294 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU047538.D

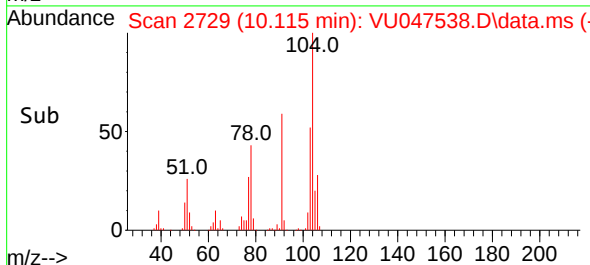
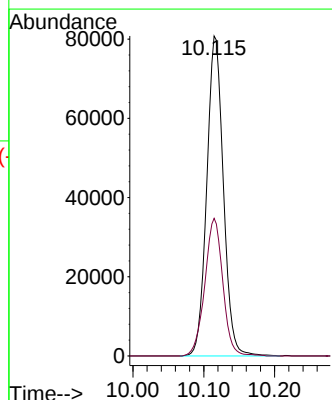
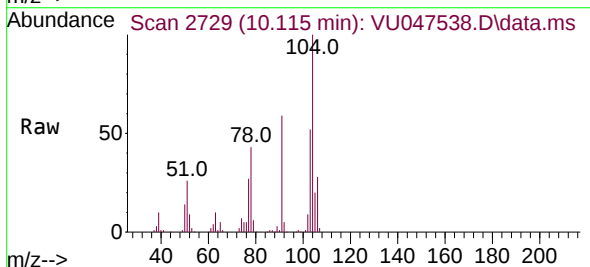
Acq: 14 Mar 2022 16:27

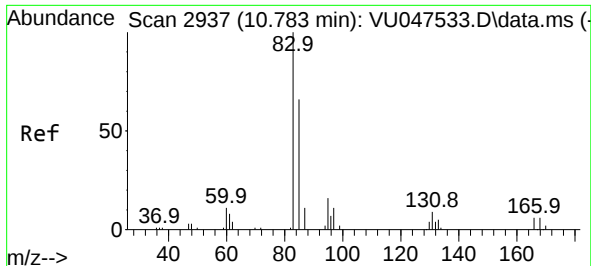
Tgt Ion:104 Resp: 131572

Ion Ratio Lower Upper

104 100

78 43.0 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.963 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

VICV025

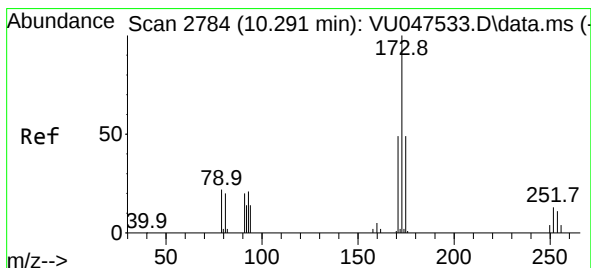
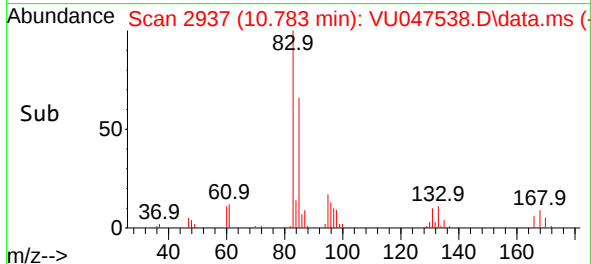
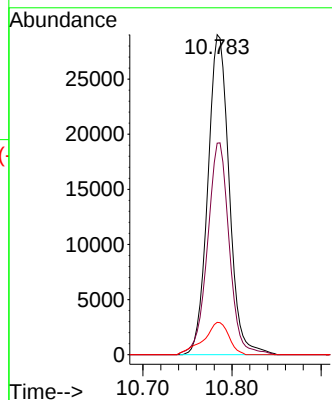
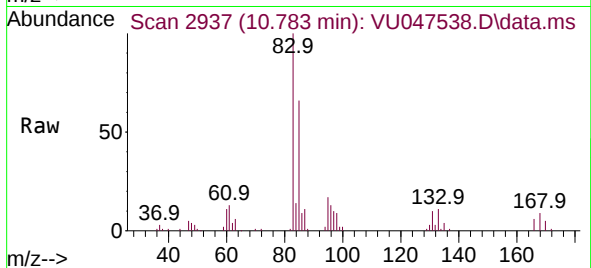
Tgt Ion: 83 Resp: 48243

Ion Ratio Lower Upper

83 100

85 66.1 46.7 86.7

131 10.1 8.0 12.0



#59

Bromoform

Concen: 5.146 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.003 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

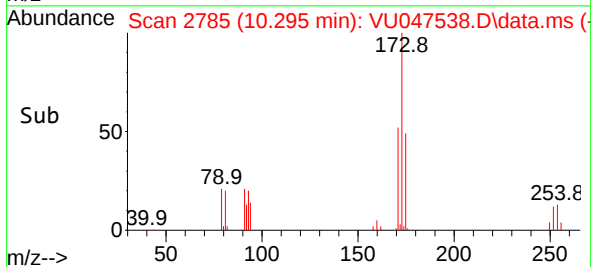
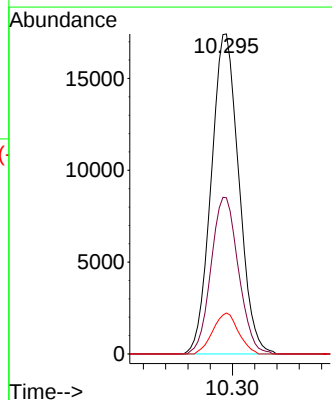
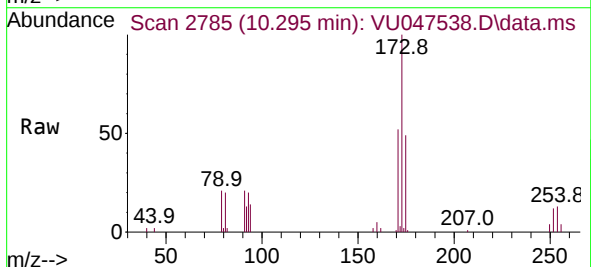
Tgt Ion:173 Resp: 29992

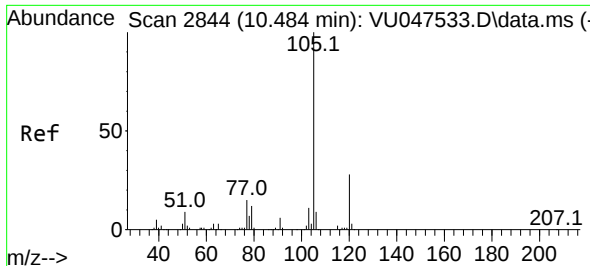
Ion Ratio Lower Upper

173 100

175 48.5 39.7 59.5

254 11.8 9.0 13.6

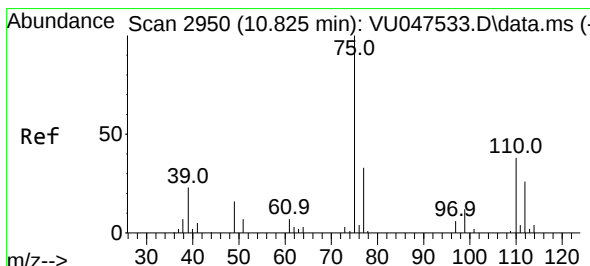
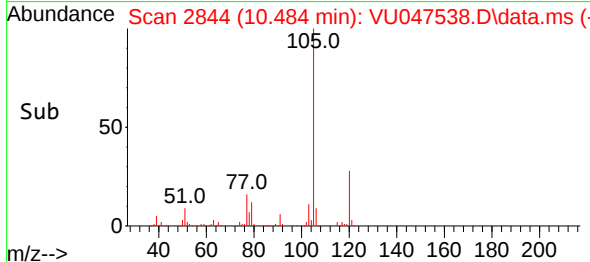
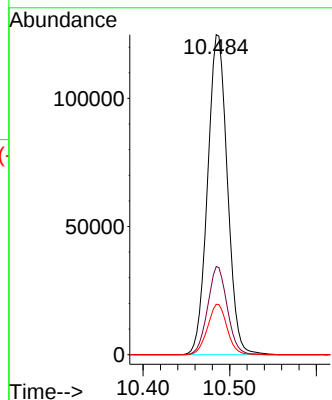
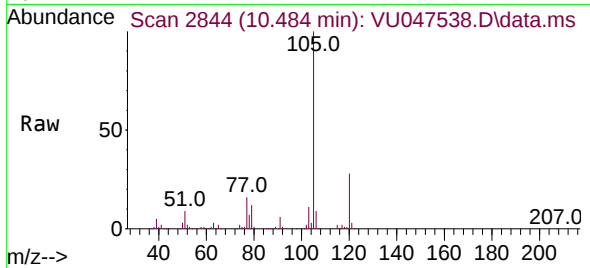




#60
Isopropylbenzene
Concen: 5.302 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

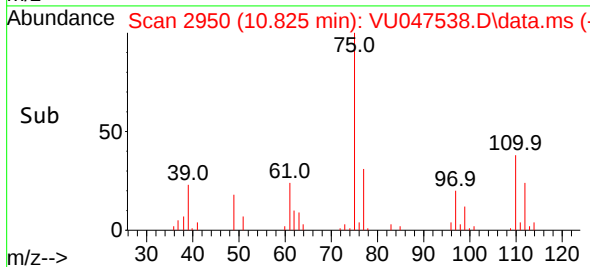
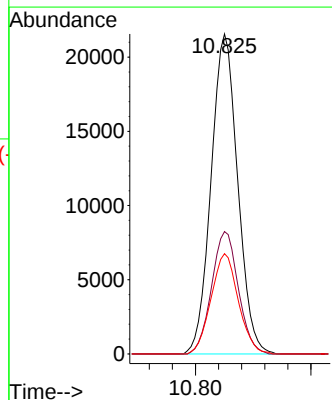
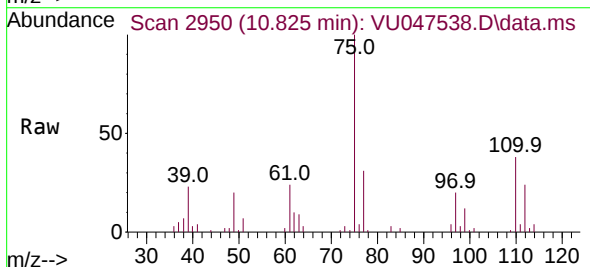
Instrument :
MSVOA_U
ClientSampleId :
VICV025

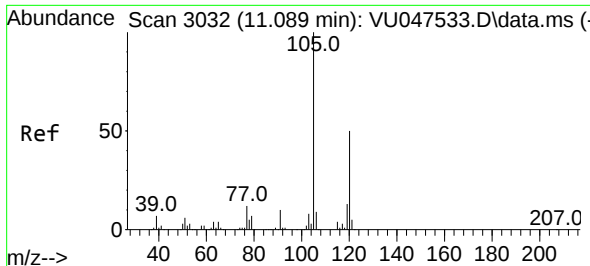
Tgt Ion:105 Resp: 197871
Ion Ratio Lower Upper
105 100
120 27.3 22.2 33.4
77 15.5 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.972 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

Tgt Ion: 75 Resp: 34451
Ion Ratio Lower Upper
75 100
110 38.4 30.2 45.4
77 32.2 26.6 39.8

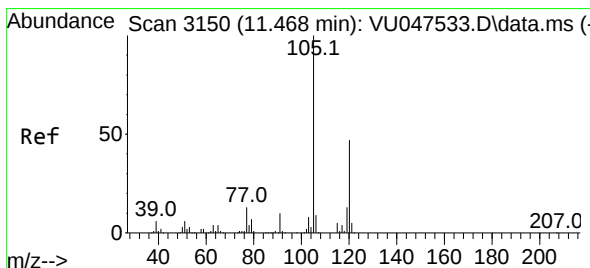
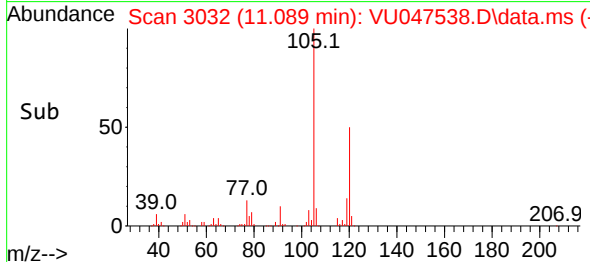
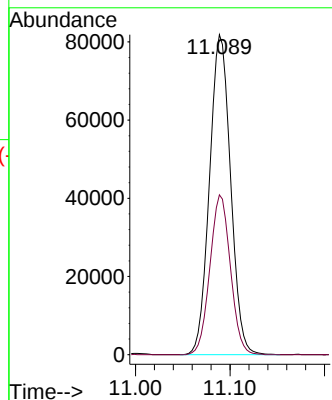
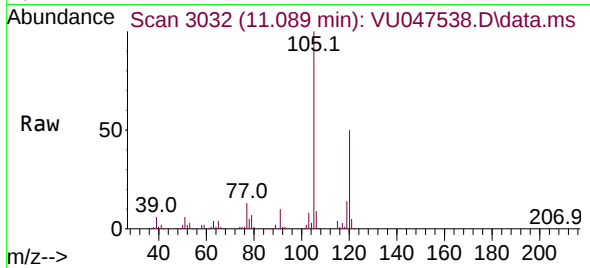




#62
1,3,5-Trimethylbenzene
Concen: 5.309 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

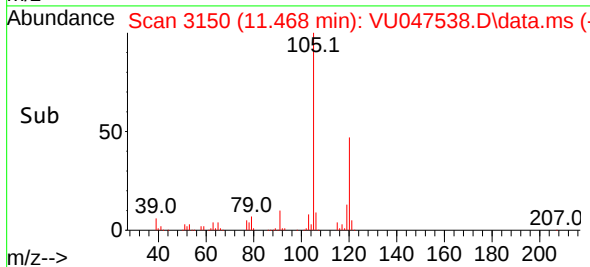
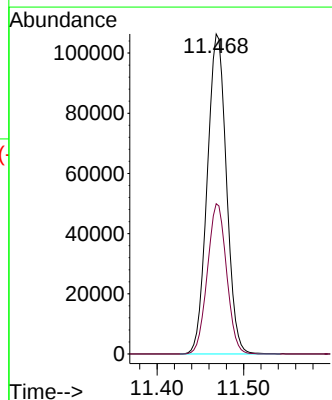
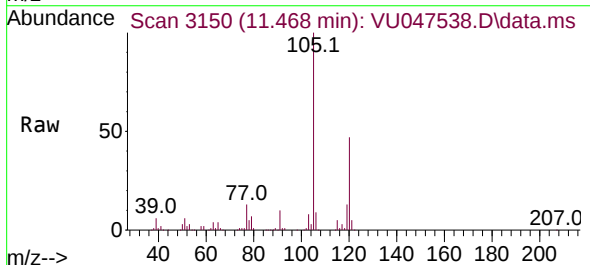
Instrument :
MSVOA_U
ClientSampleId :
VICV025

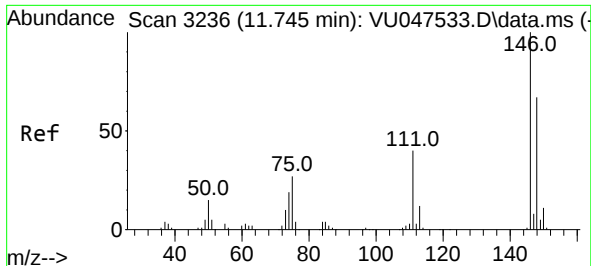
Tgt Ion:105 Resp: 126508
Ion Ratio Lower Upper
105 100
120 48.7 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 5.278 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

Tgt Ion:105 Resp: 163257
Ion Ratio Lower Upper
105 100
120 46.9 38.2 57.4





#64

1,3-Dichlorobenzene

Concen: 5.182 ug/L

RT: 11.748 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

VICV025

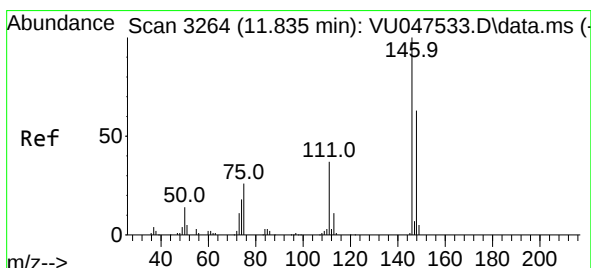
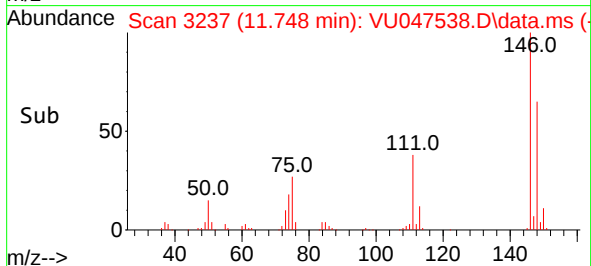
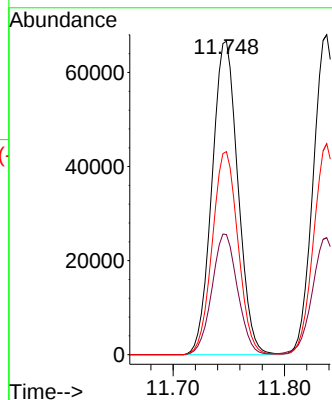
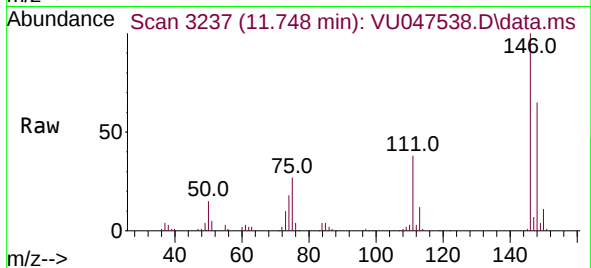
Tgt Ion:146 Resp: 107848

Ion Ratio Lower Upper

146 100

111 38.3 27.7 51.5

148 64.8 46.5 86.5



#65

1,4-Dichlorobenzene

Concen: 5.074 ug/L

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

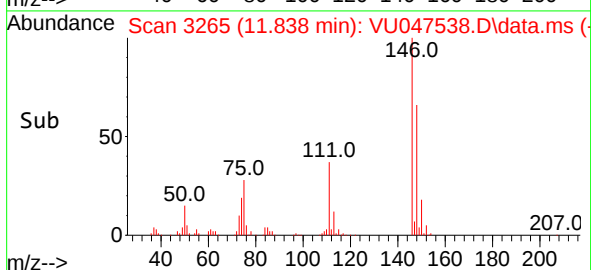
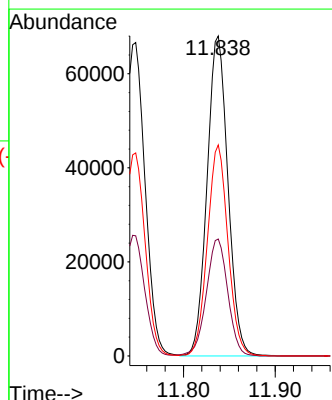
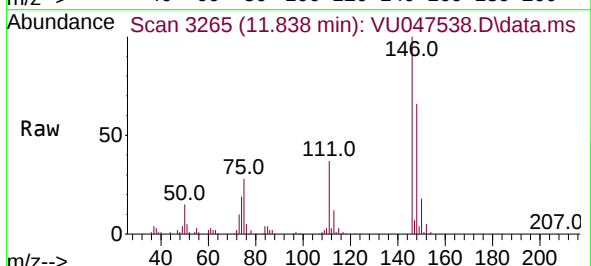
Tgt Ion:146 Resp: 107890

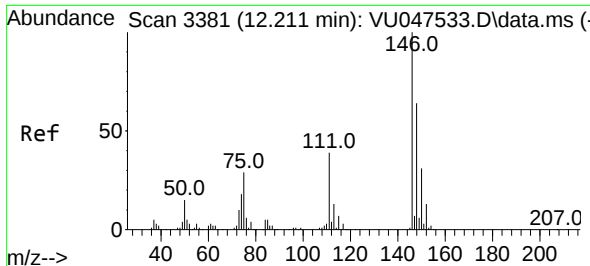
Ion Ratio Lower Upper

146 100

111 36.6 26.2 48.8

148 65.9 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.035 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

VICV025

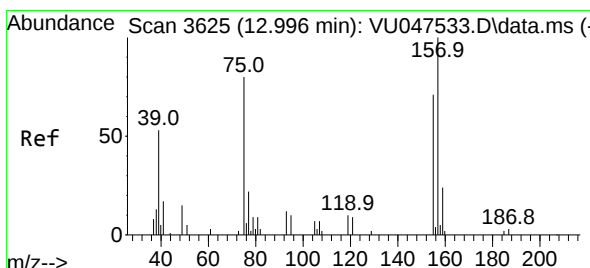
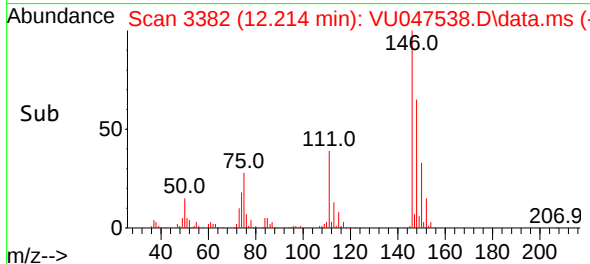
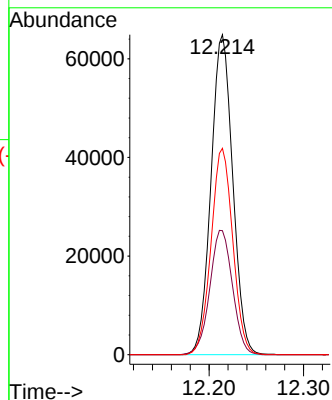
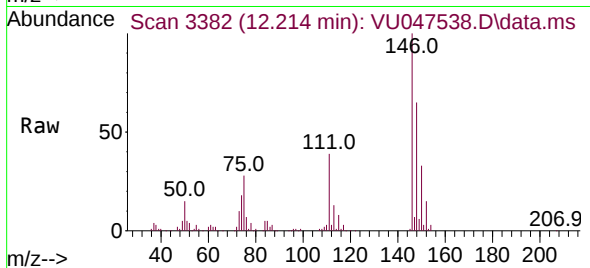
Tgt Ion:146 Resp: 103613

Ion Ratio Lower Upper

146 100

111 38.8 31.4 47.0

148 64.5 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.791 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU047538.D

Acq: 14 Mar 2022 16:27

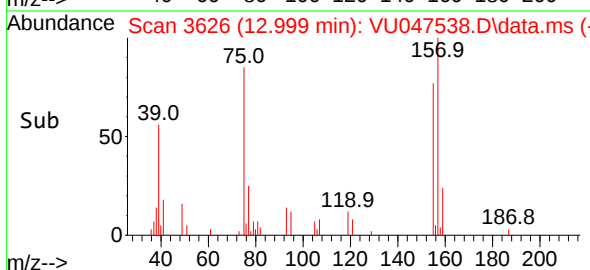
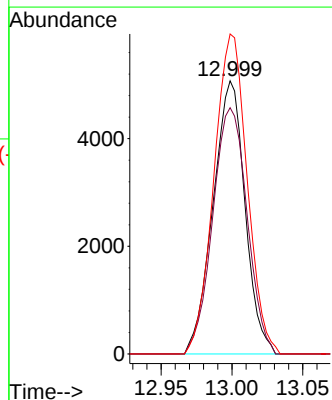
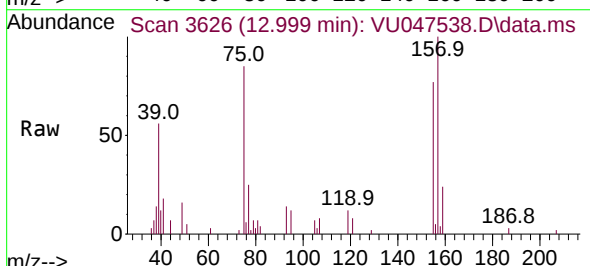
Tgt Ion: 75 Resp: 7963

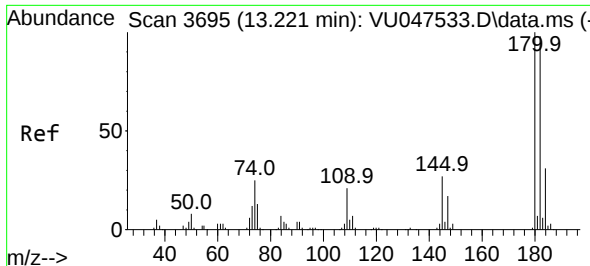
Ion Ratio Lower Upper

75 100

155 90.2 70.8 106.2

157 117.2 99.4 149.2

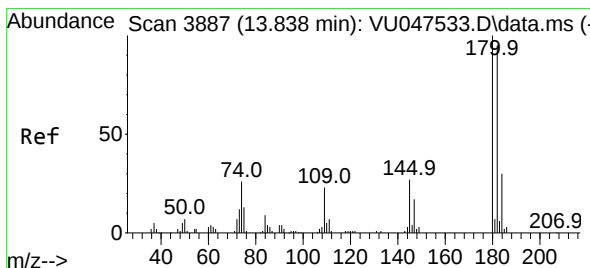
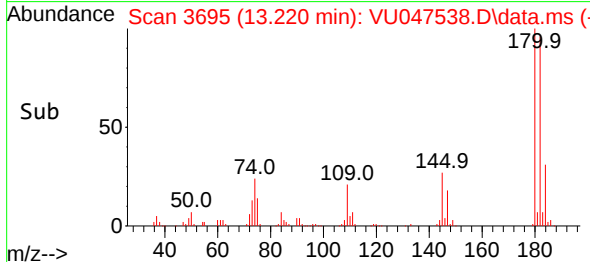
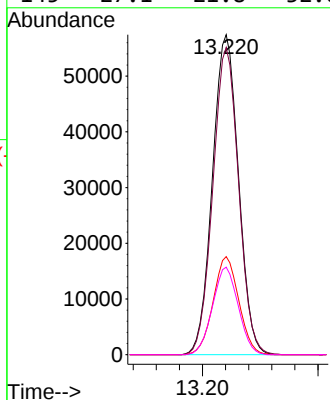
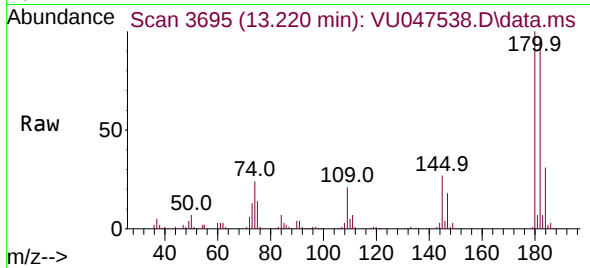




#69
 1,3,5-Trichlorobenzene
 Concen: 5.103 ug/L
 RT: 13.220 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VU047538.D
 Acq: 14 Mar 2022 16:27

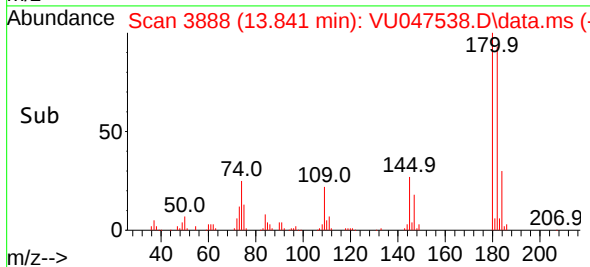
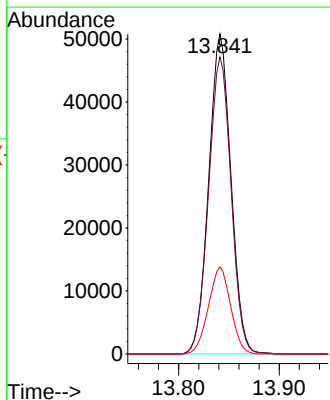
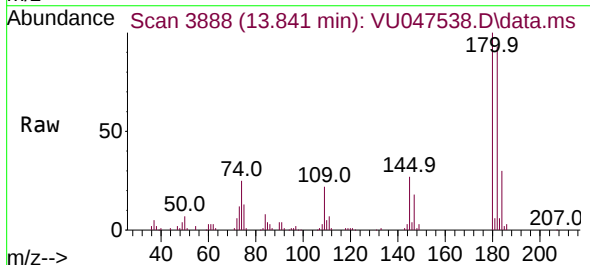
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV025

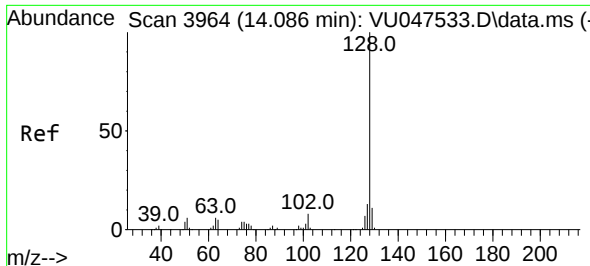
Tgt Ion:180	Resp:	89785
Ion Ratio	Lower	Upper
180	100	
182	95.0	77.3 115.9
184	30.2	24.3 36.5
145	27.1	21.8 32.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.030 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU047538.D
 Acq: 14 Mar 2022 16:27

Tgt Ion:180	Resp:	77845
Ion Ratio	Lower	Upper
180	100	
182	94.0	76.6 114.8
145	27.1	22.5 33.7

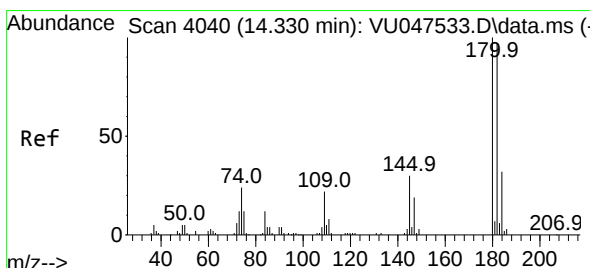
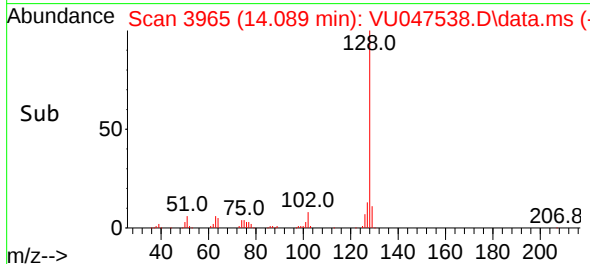
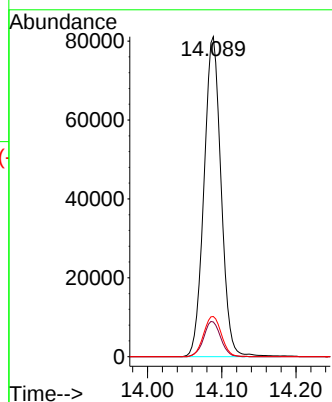
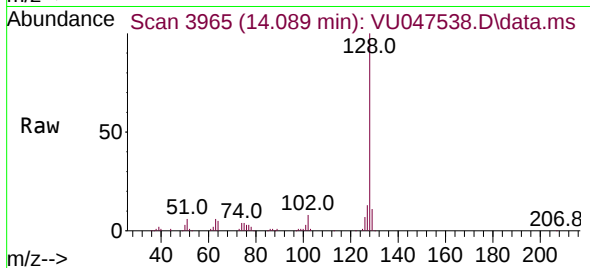




#71
Naphthalene
Concen: 4.510 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :
VICV025

Tgt Ion:128 Resp: 129552
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.744 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047538.D
Acq: 14 Mar 2022 16:27

Tgt Ion:180 Resp: 70464
Ion Ratio Lower Upper
180 100
182 97.4 77.8 116.8
145 29.3 23.7 35.5

