

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047330.D
 Acq On : 04 Mar 2022 14:54
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV012

Quant Time: Mar 04 23:13:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 14:58:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	206072	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	197292	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	110972	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	70970	4.852	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.919	69	60579	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.575	65	30722	4.974	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.655	46	225611	46.986	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.980%
24) Chloroform-d	5.070	84	133636	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.706	65	74471	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.732	84	275601	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.694	67	85458	4.938	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.899	98	263811	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.182	79	37866	4.979	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.639	63	208157	48.093	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85993	4.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	112503	5.173	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	76606	5.896	ug/L	100
3) Chloromethane	1.523	50	75664	5.266	ug/L	99
5) Vinyl chloride	1.607	62	76066	5.566	ug/L	99
6) Bromomethane	1.864	94	41051	5.547	ug/L	96
8) Chloroethane	1.938	64	43811	5.543	ug/L	100
9) Trichlorofluoromethane	2.144	101	99520	5.859	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	58590	5.909	ug/L	91
12) 1,1-Dichloroethene	2.584	96	57102	5.653	ug/L	94
13) Acetone	2.681	43	101993	52.622	ug/L	68
14) Carbon disulfide	2.800	76	185664	5.703	ug/L	99
15) Methyl Acetate	2.970	43	25364	5.711	ug/L #	89
16) Methylene chloride	3.054	84	62999	5.358	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	150037	5.547	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	60802	5.543	ug/L	92
19) 1,1-Dichloroethane	3.877	63	102052	5.588	ug/L	98
21) 2-Butanone	4.732	43	181169	49.171	ug/L	90
22) cis-1,2-Dichloroethene	4.671	96	66338	5.555	ug/L	96
23) Bromochloromethane	4.980	128	33313	5.586	ug/L #	84
25) Chloroform	5.092	83	109221	5.466	ug/L	98

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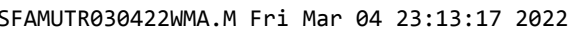
Instrument :
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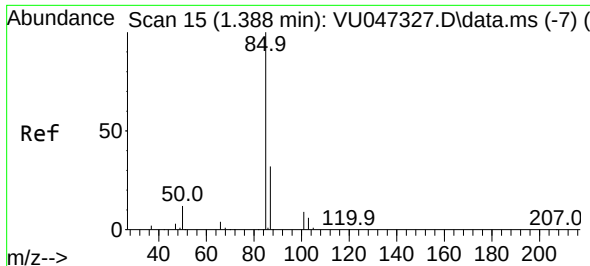
Quant Time: Mar 04 23:13:08 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 14:58:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	76482	5.683	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	96095	5.800	ug/L	97
30) Cyclohexane	5.395	56	96195	5.934	ug/L	96
31) Carbon tetrachloride	5.530	117	82581	5.773	ug/L	100
33) Benzene	5.777	78	248449	5.580	ug/L	100
34) Trichloroethene	6.546	95	66459	5.679	ug/L	94
35) Methylcyclohexane	6.768	83	109136	6.082	ug/L	95
37) 1,2-Dichloropropane	6.793	63	62418	5.653	ug/L	99
38) Bromodichloromethane	7.108	83	79979	5.519	ug/L #	97
39) cis-1,3-Dichloropropene	7.610	75	97614	5.568	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	449365	53.952	ug/L	97
42) Toluene	7.973	91	274648	5.691	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	87923	5.659	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	52934	5.544	ug/L	97
47) Tetrachloroethene	8.555	164	58063	5.824	ug/L	93
48) 2-Hexanone	8.690	43	337983	54.405	ug/L	98
49) Dibromochloromethane	8.812	129	62571	5.568	ug/L	98
50) 1,2-Dibromoethane	8.928	107	54138	5.551	ug/L #	98
51) Chlorobenzene	9.449	112	182708	5.622	ug/L	94
52) Ethylbenzene	9.571	91	297834	5.769	ug/L	98
53) m,p-Xylene	9.697	106	117395	5.722	ug/L	99
54) o-Xylene	10.102	106	113883	5.756	ug/L	98
55) Styrene	10.115	104	192732	5.746	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	70584	5.341	ug/L	96
59) Bromoform	10.291	173	40187	5.613	ug/L #	97
60) Isopropylbenzene	10.484	105	301389	6.054	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	51116	5.548	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	199980	6.019	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	259816	6.003	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	156492	5.875	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	158566	5.810	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	150658	5.720	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	11944	5.674	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.221	180	134086	6.037	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	122664	6.077	ug/L	98
71) Naphthalene	14.086	128	238096	5.917	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	114118	6.074	ug/L	97

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

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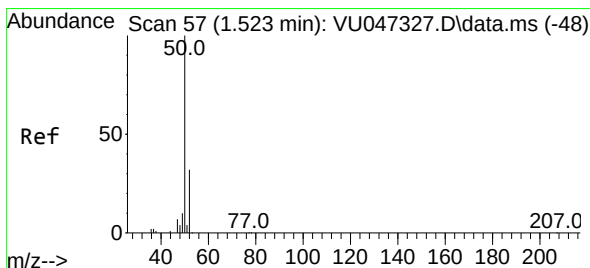
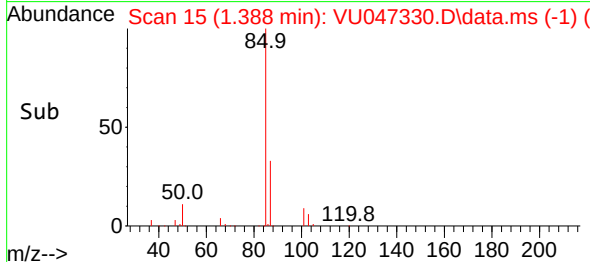
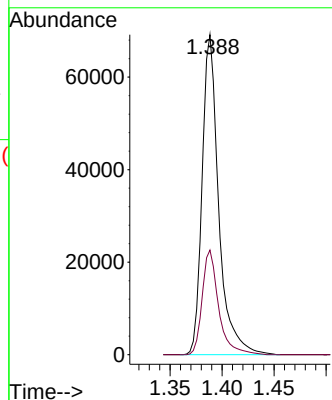
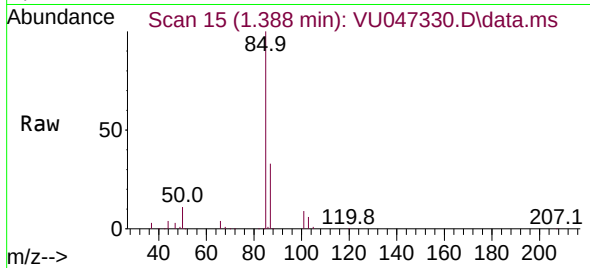




#2
Dichlorodifluoromethane
Concen: 5.896 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

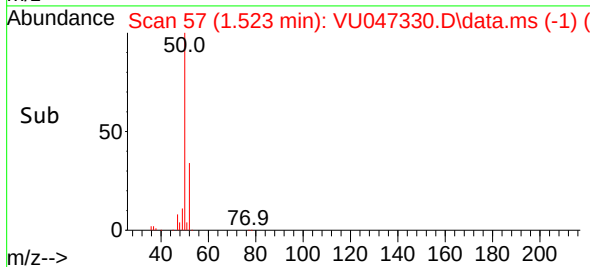
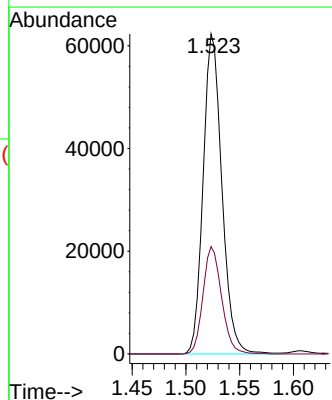
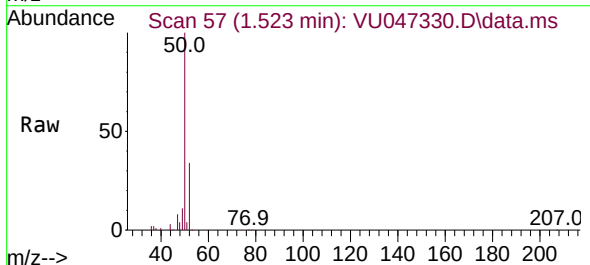
Instrument :
MSVOA_U
ClientSampleId :
VICV012

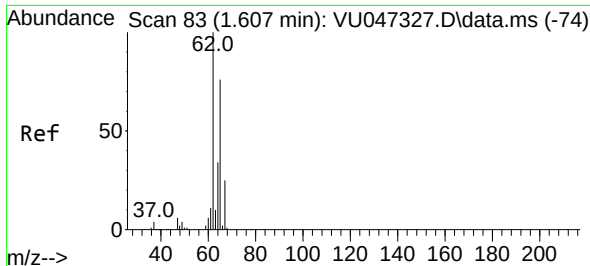
Tgt Ion: 85 Resp: 76606
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.6



#3
Chloromethane
Concen: 5.266 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

Tgt Ion: 50 Resp: 75664
Ion Ratio Lower Upper
50 100
52 33.6 23.0 42.8

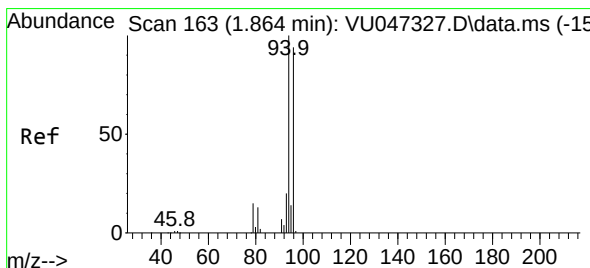
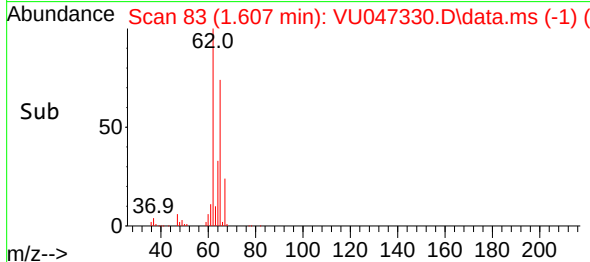
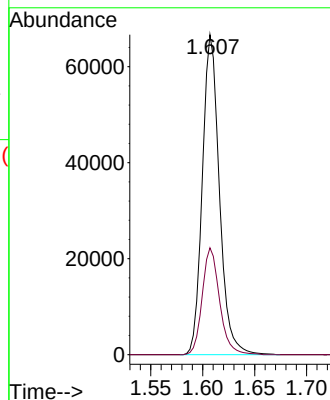
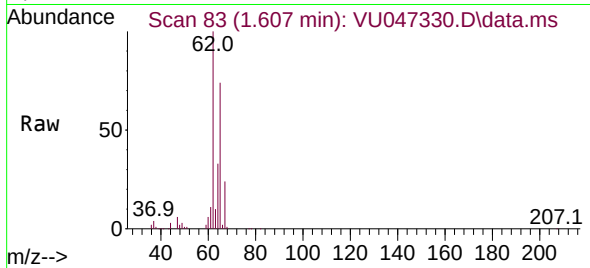




#5
 Vinyl chloride
 Concen: 5.566 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047330.D
 Acq: 04 Mar 2022 14:54

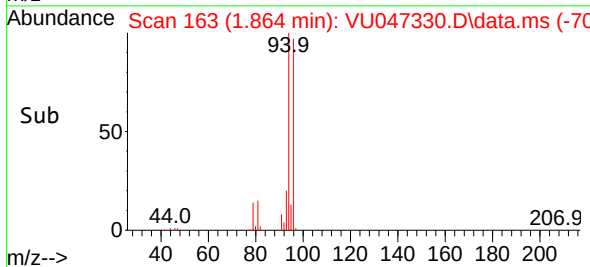
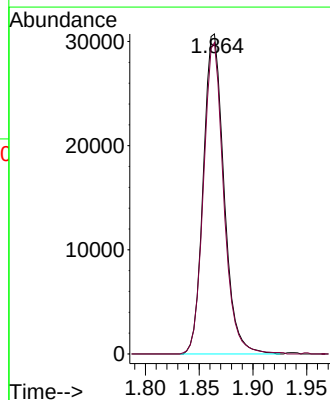
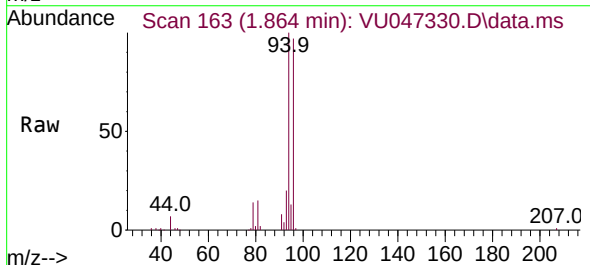
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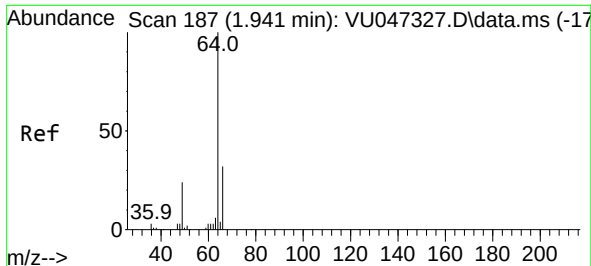
Tgt Ion: 62 Resp: 76066
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.9 42.5



#6
 Bromomethane
 Concen: 5.547 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047330.D
 Acq: 04 Mar 2022 14:54

Tgt Ion: 94 Resp: 41051
 Ion Ratio Lower Upper
 94 100
 96 97.3 65.5 121.6

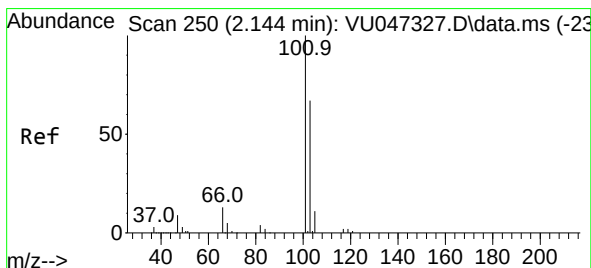
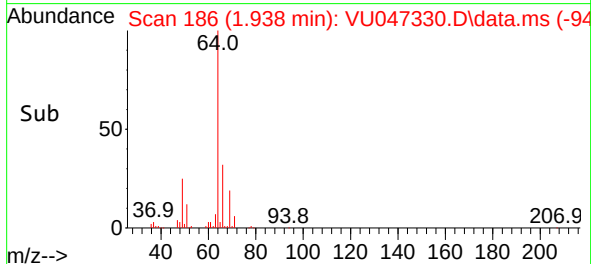
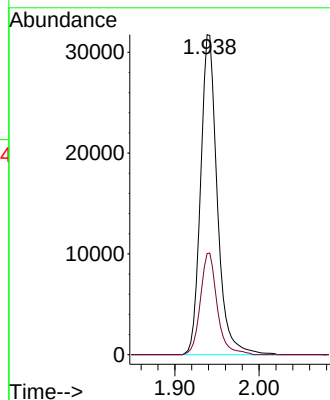
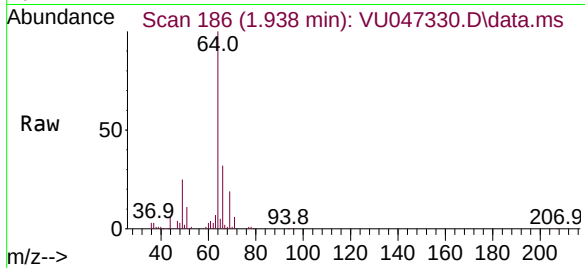




#8
Chloroethane
Concen: 5.543 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

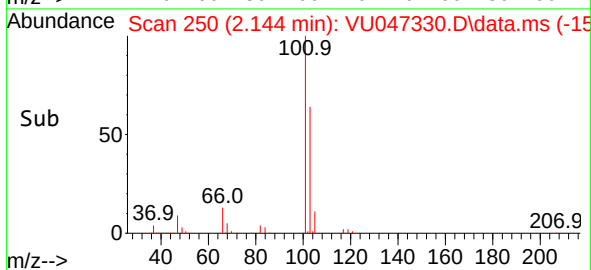
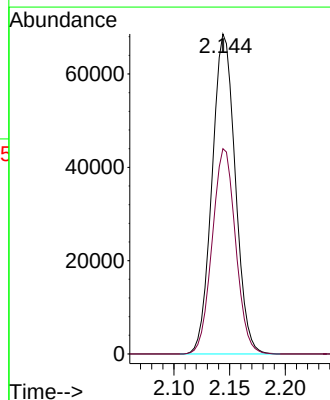
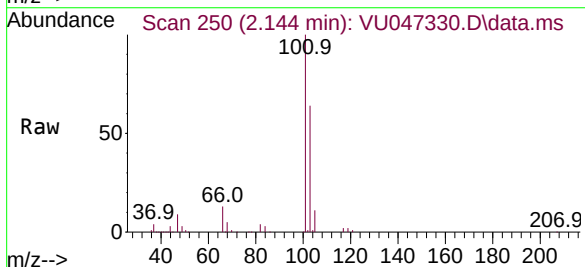
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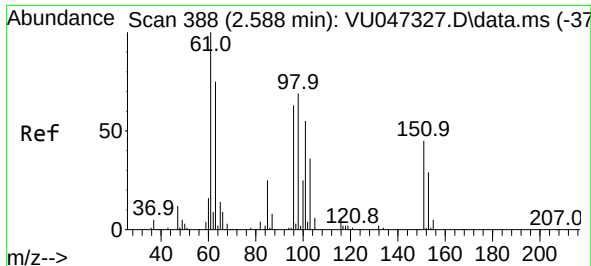
Tgt Ion: 64 Resp: 43811
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.859 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

Tgt Ion: 101 Resp: 99520
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

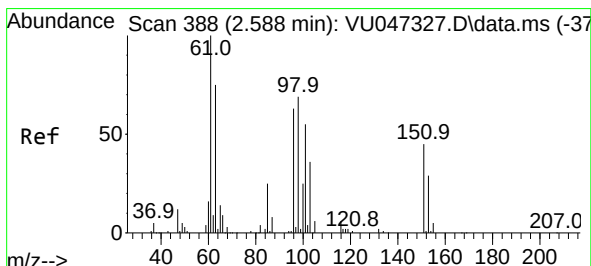
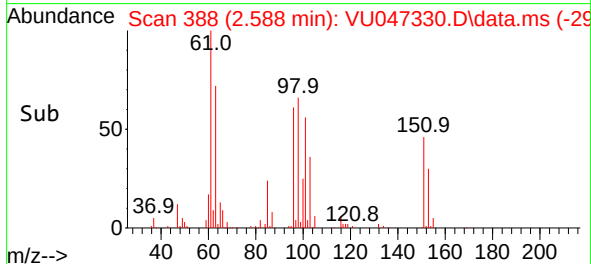
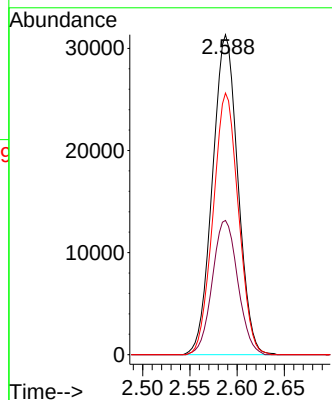
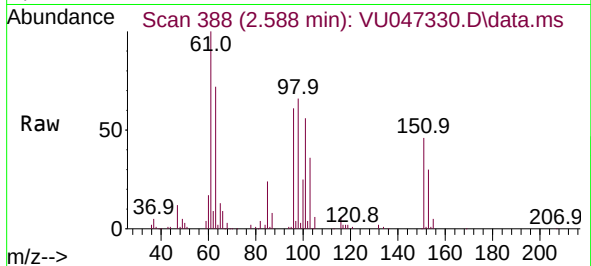




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.909 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

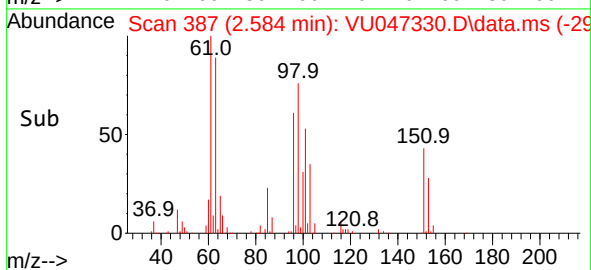
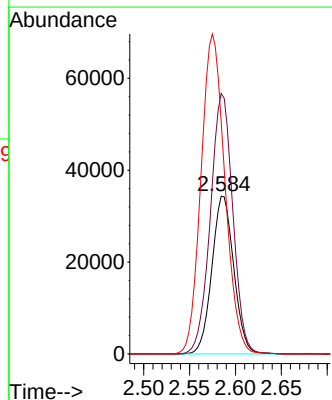
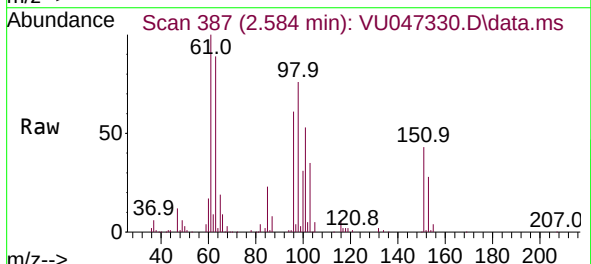
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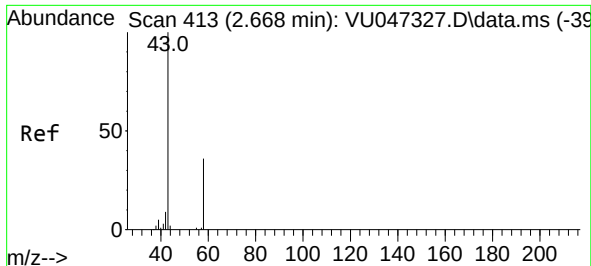
Tgt Ion:101 Resp: 58590
Ion Ratio Lower Upper
101 100
85 42.1 34.6 51.8
151 81.3 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.653 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

Tgt Ion: 96 Resp: 57102
Ion Ratio Lower Upper
96 100
61 165.1 124.7 231.5
63 147.4 105.2 195.4





#13

Acetone

Concen: 52.622 ug/L

RT: 2.681 min Scan# 413

Delta R.T. 0.013 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

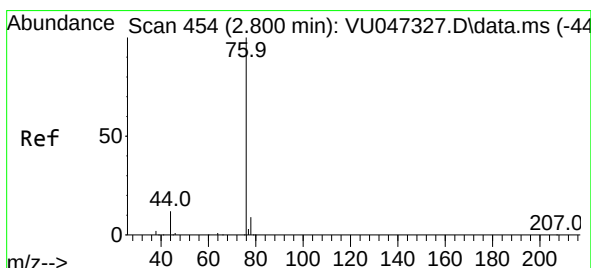
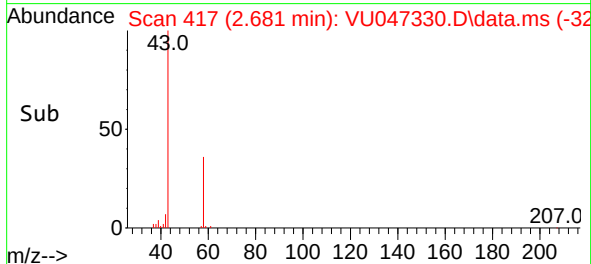
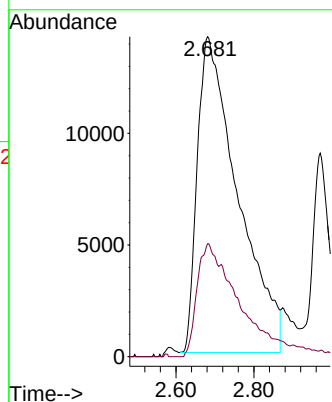
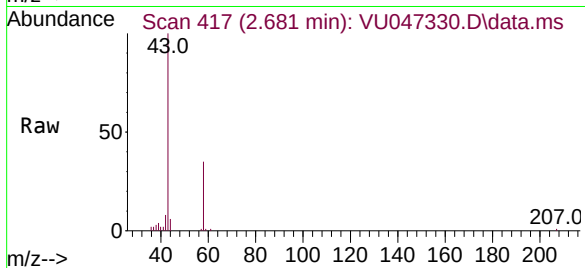
VICV012

Tgt Ion: 43 Resp: 101993

Ion Ratio Lower Upper

43 100

58 17.3 0.0 71.6



#14

Carbon disulfide

Concen: 5.703 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047330.D

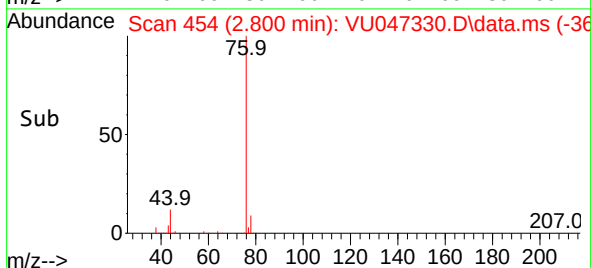
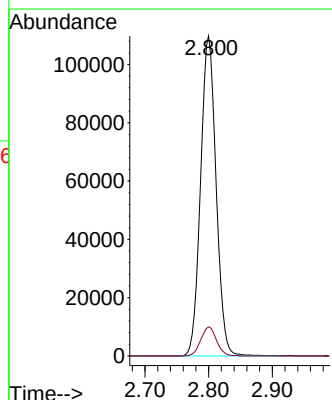
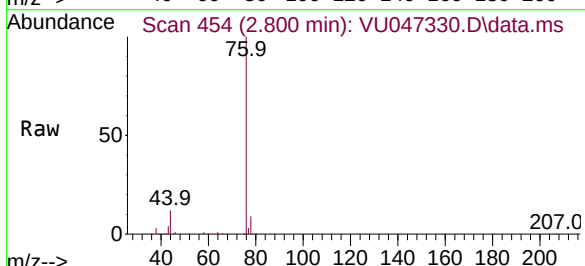
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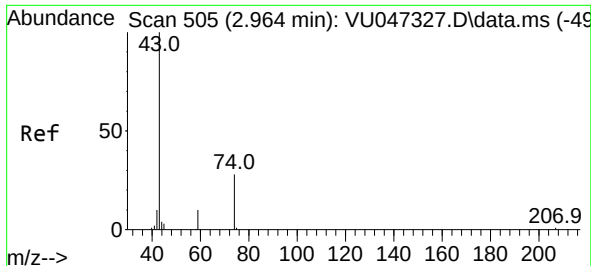
Tgt Ion: 76 Resp: 185664

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

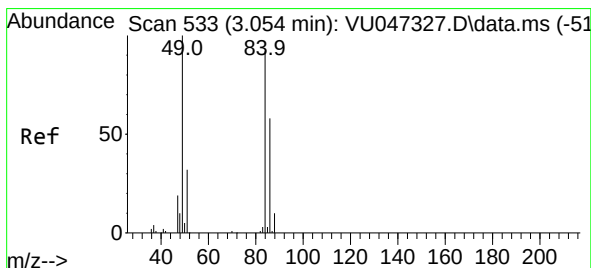
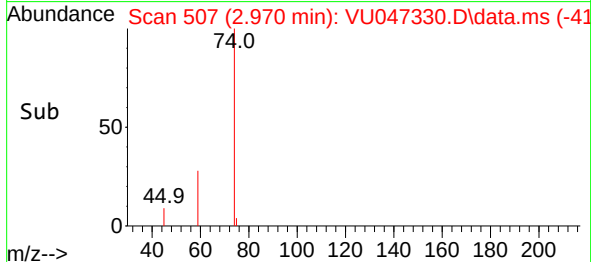
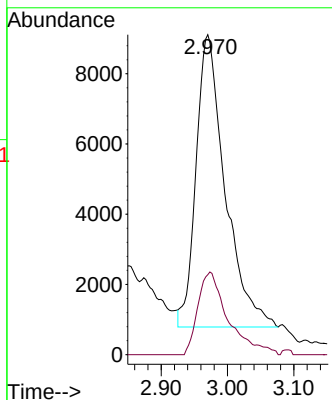
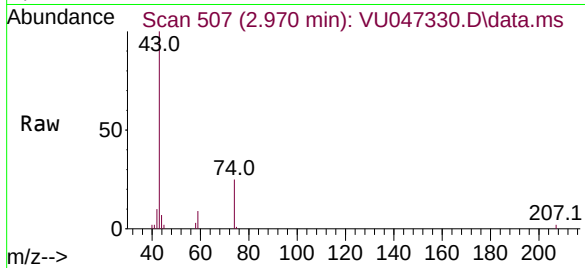




#15
Methyl Acetate
Concen: 5.711 ug/L
RT: 2.970 min Scan# 505
Delta R.T. 0.006 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

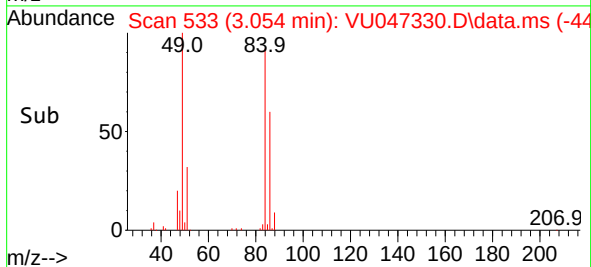
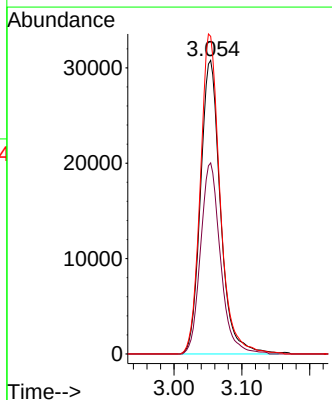
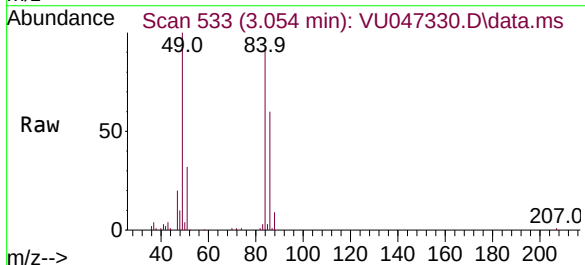
Instrument :
MSVOA_U
ClientSampleId :
VICV012

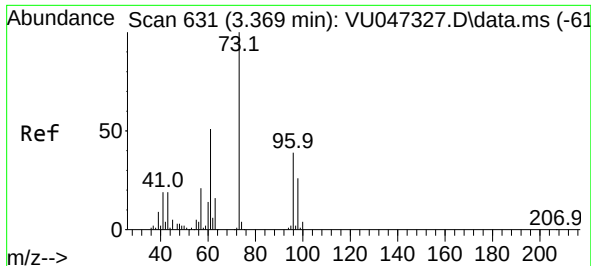
Tgt Ion: 43 Resp: 25364
Ion Ratio Lower Upper
43 100
74 29.5 19.1 28.7#



#16
Methylene chloride
Concen: 5.358 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

Tgt Ion: 84 Resp: 62999
Ion Ratio Lower Upper
84 100
86 65.1 45.8 85.0
49 108.2 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.547 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

VICV012

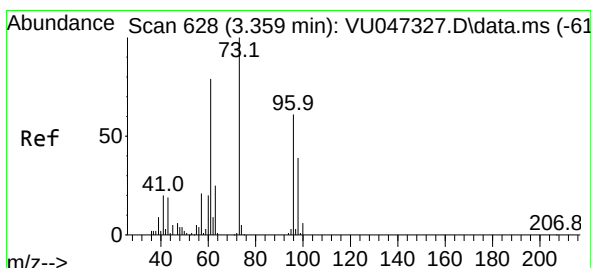
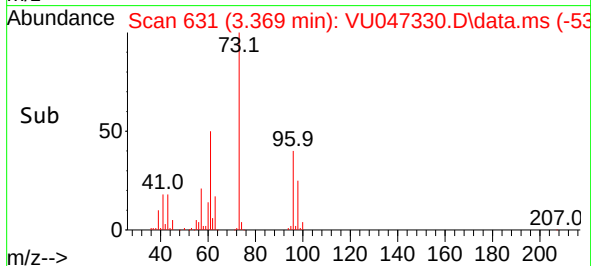
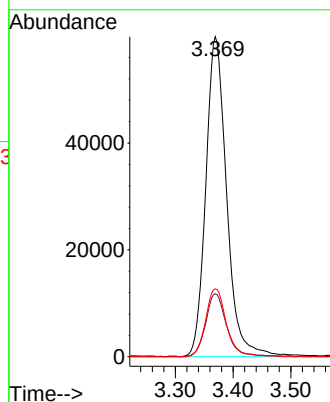
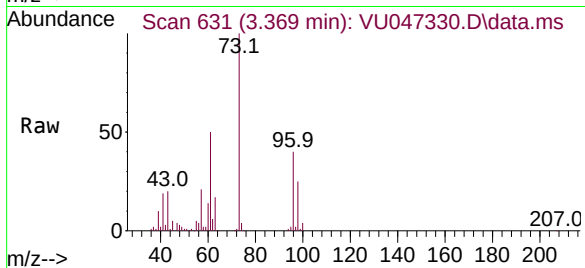
Tgt Ion: 73 Resp: 150037

Ion Ratio Lower Upper

73 100

43 19.5 14.8 22.2

57 21.1 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.543 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

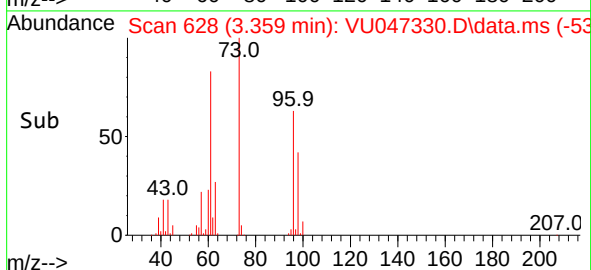
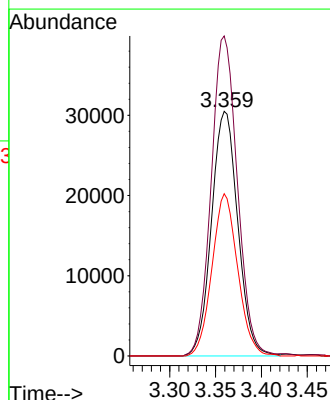
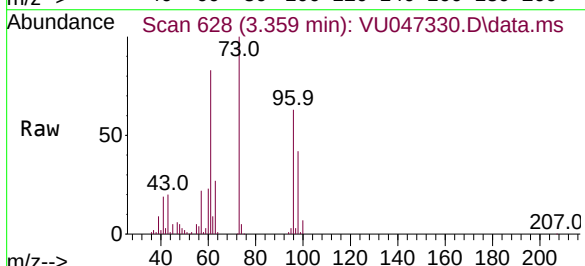
Tgt Ion: 96 Resp: 60802

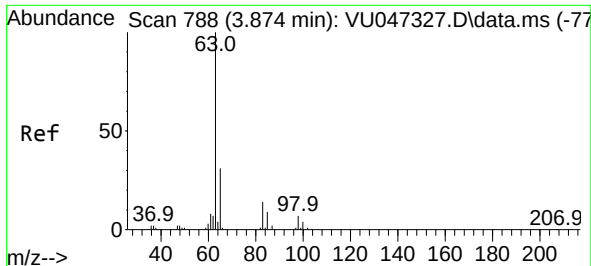
Ion Ratio Lower Upper

96 100

61 130.8 100.8 187.2

98 66.3 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.588 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.003 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

VICV012

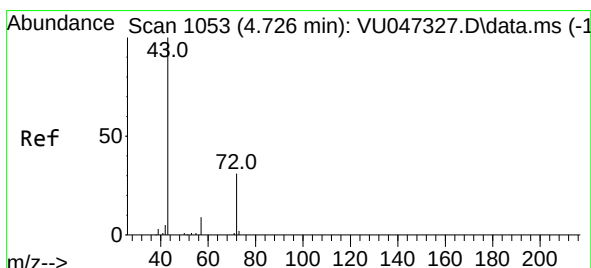
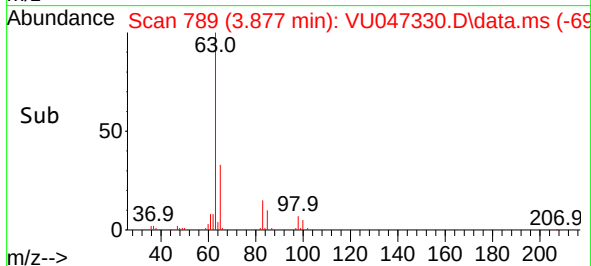
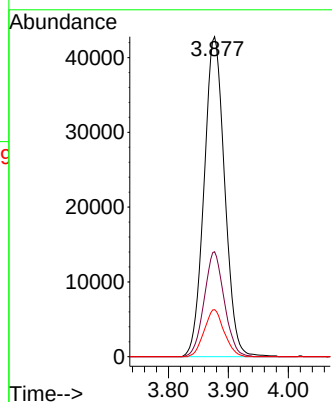
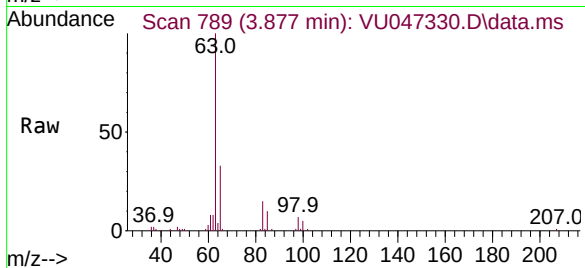
Tgt Ion: 63 Resp: 102052

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.5

83 14.7 9.6 17.8



#21

2-Butanone

Concen: 49.171 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VU047330.D

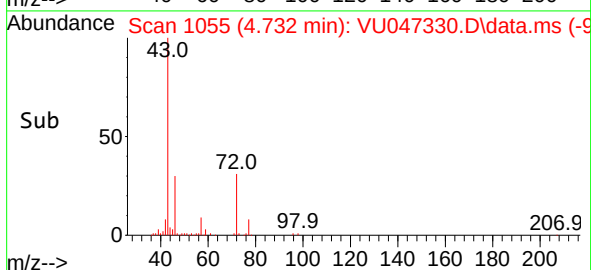
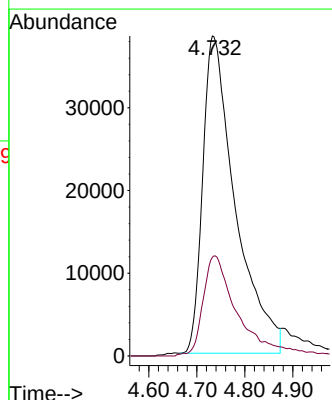
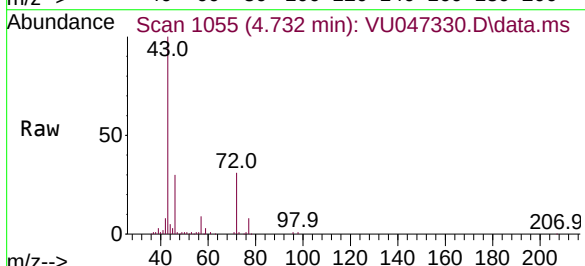
Acq: 04 Mar 2022 14:54

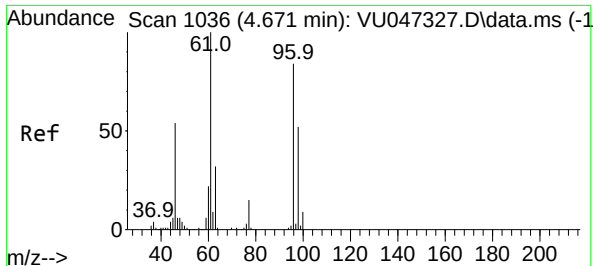
Tgt Ion: 43 Resp: 181169

Ion Ratio Lower Upper

43 100

72 33.3 14.1 42.3



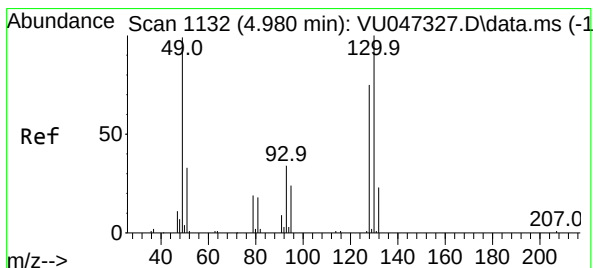
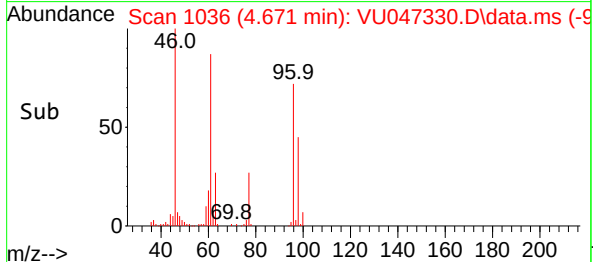
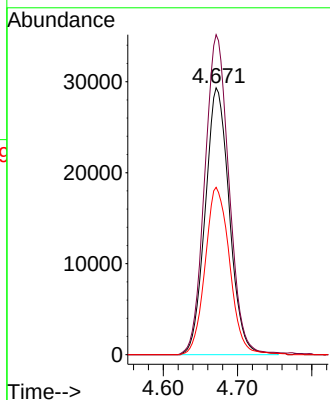
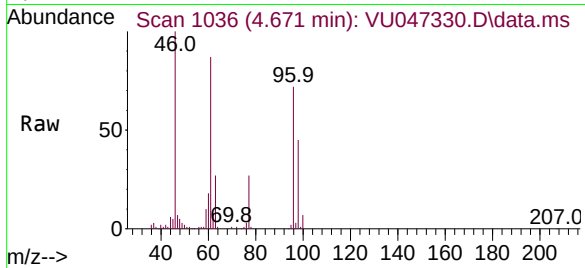


#22
 cis-1,2-Dichloroethene
 Concen: 5.555 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047330.D
 Acq: 04 Mar 2022 14:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV012

Tgt Ion: 96 Resp: 66338

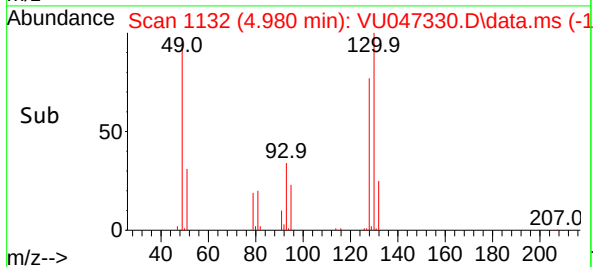
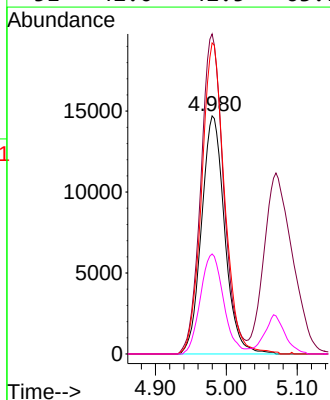
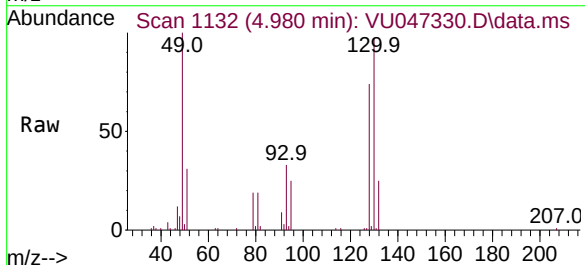
Ion	Ratio	Lower	Upper
96	100		
61	119.9	88.5	164.3
98	62.7	44.4	82.5

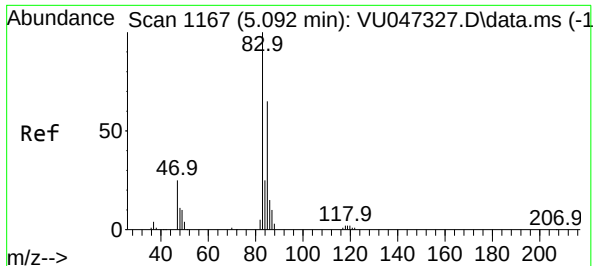


#23
 Bromochloromethane
 Concen: 5.586 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU047330.D
 Acq: 04 Mar 2022 14:54

Tgt Ion: 128 Resp: 33313

Ion	Ratio	Lower	Upper
128	100		
49	134.4	117.0	217.2
130	130.7	88.2	163.8
51	42.0	42.5	63.7#





#25

Chloroform

Concen: 5.466 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

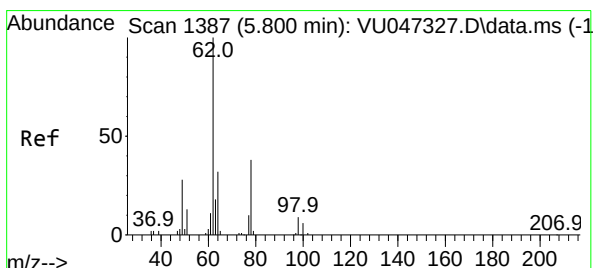
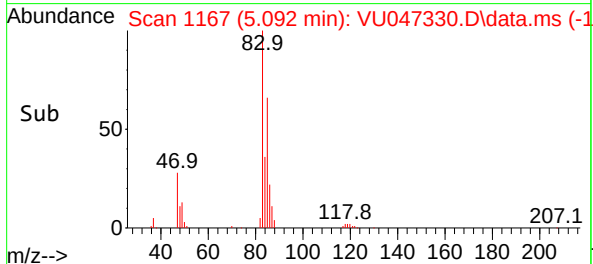
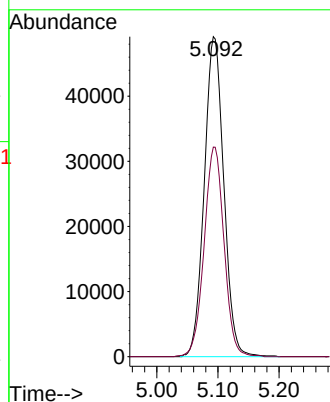
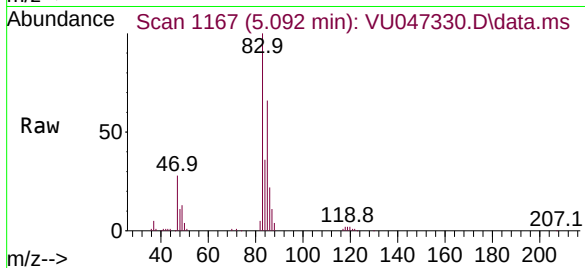
VICV012

Tgt Ion: 83 Resp: 109221

Ion Ratio Lower Upper

83 100

85 65.5 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.683 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU047330.D

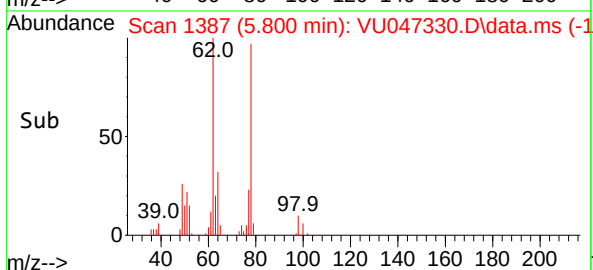
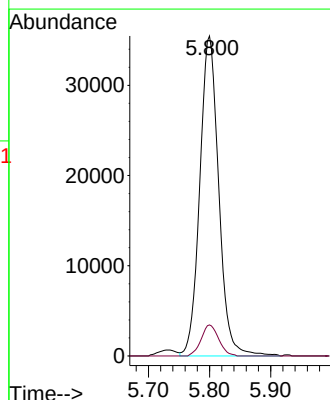
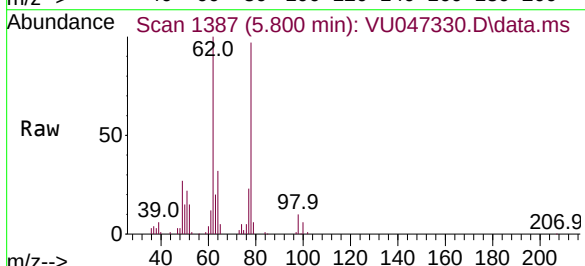
Acq: 04 Mar 2022 14:54

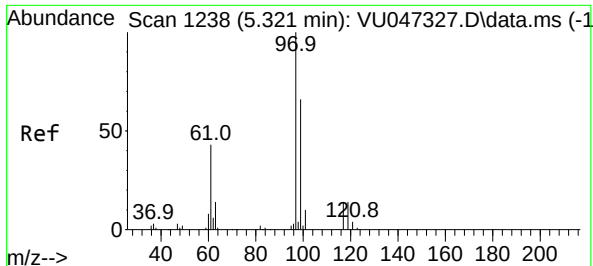
Tgt Ion: 62 Resp: 76482

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.800 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

VICV012

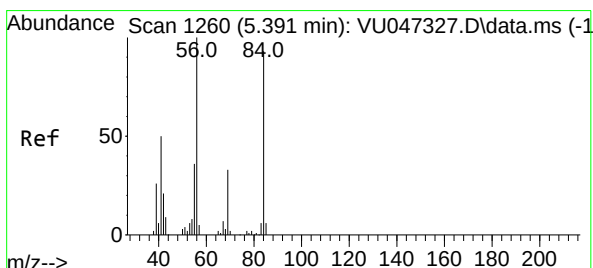
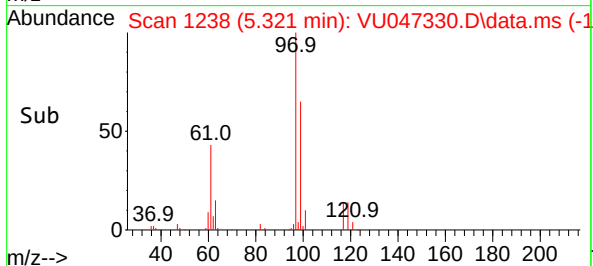
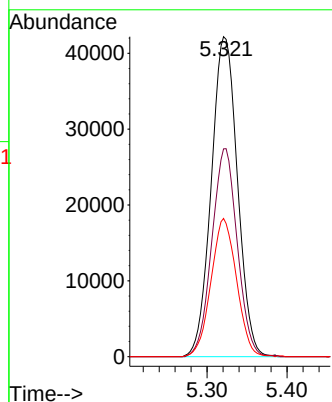
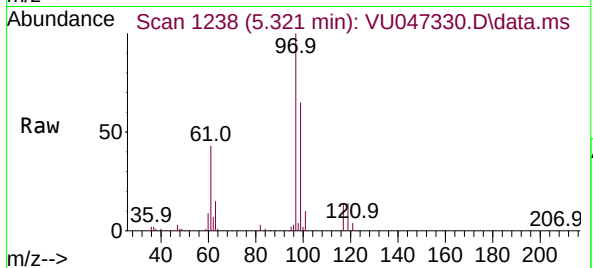
Tgt Ion: 97 Resp: 96095

Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

61 42.1 36.1 54.1



#30

Cyclohexane

Concen: 5.934 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

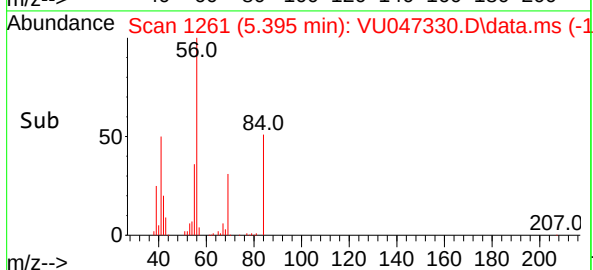
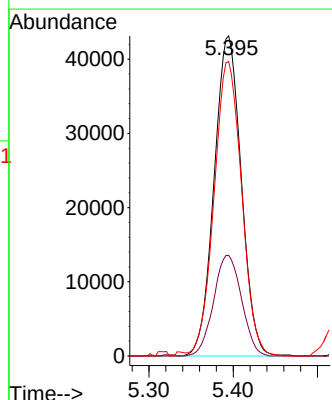
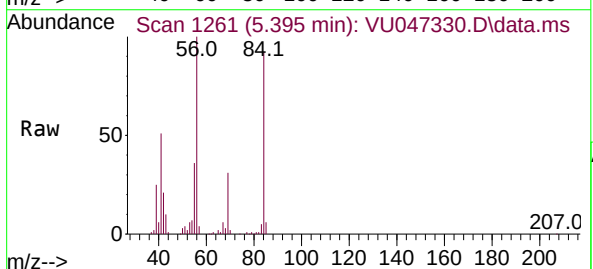
Tgt Ion: 56 Resp: 96195

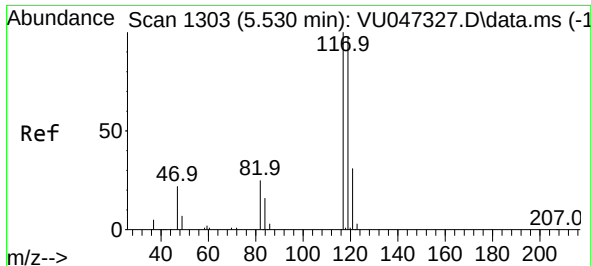
Ion Ratio Lower Upper

56 100

69 32.4 24.7 37.1

84 93.5 71.8 107.6

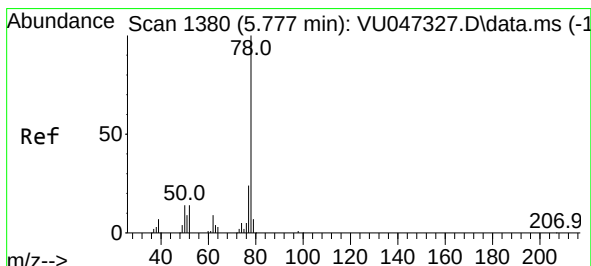
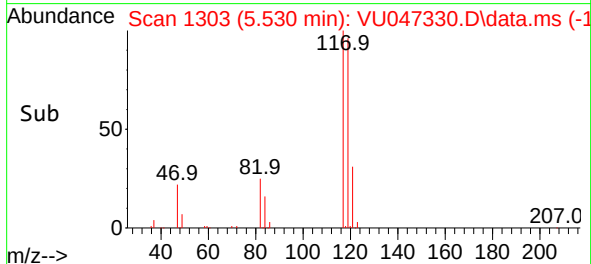
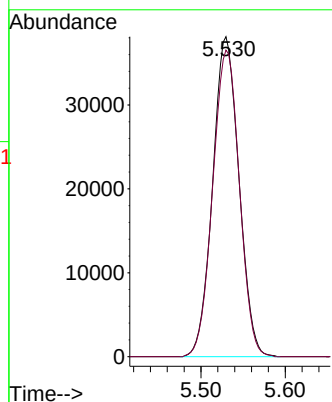
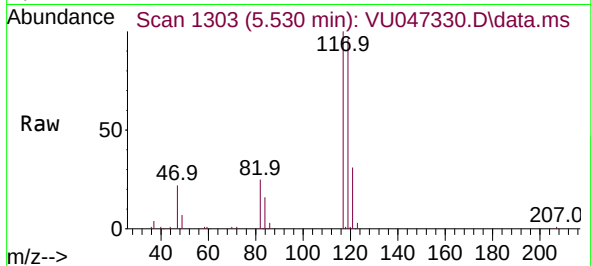




#31
Carbon tetrachloride
Concen: 5.773 ug/L
RT: 5.530 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

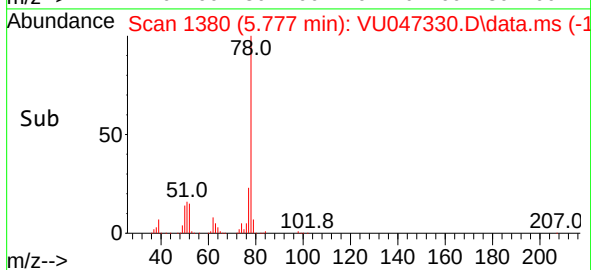
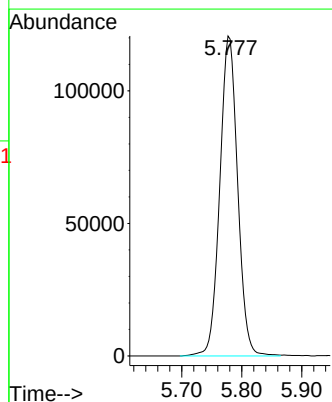
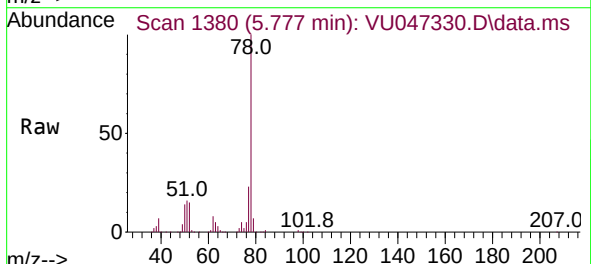
Instrument :
MSVOA_U
ClientSampleId :
VICV012

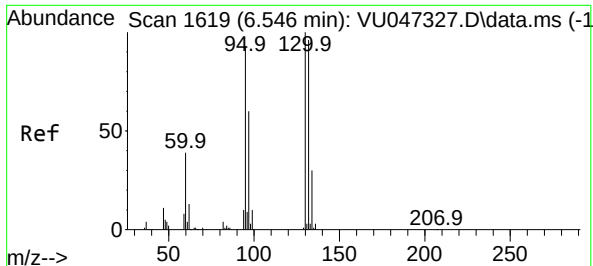
Tgt Ion:117 Resp: 82581
Ion Ratio Lower Upper
117 100
119 97.2 77.5 116.3



#33
Benzene
Concen: 5.580 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

Tgt Ion: 78 Resp: 248449





#34

Trichloroethene

Concen: 5.679 ug/L

RT: 6.546 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

VICV012

Tgt Ion: 95 Resp: 66459

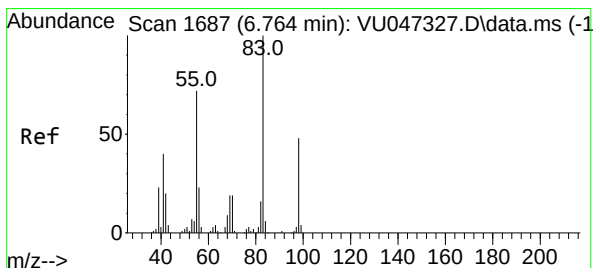
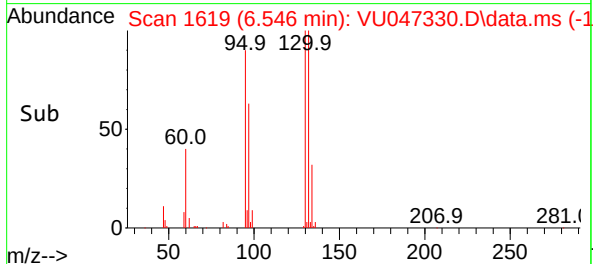
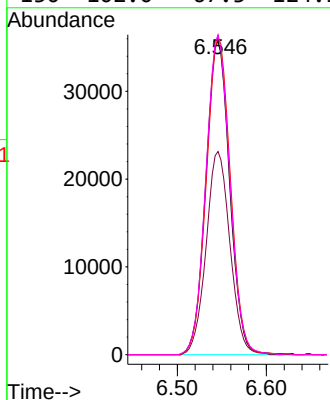
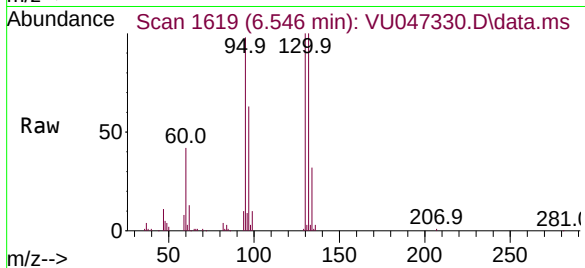
Ion Ratio Lower Upper

95 100

97 64.8 46.5 86.5

132 101.6 65.1 120.9

130 102.0 67.3 124.9



#35

Methylcyclohexane

Concen: 6.082 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.003 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

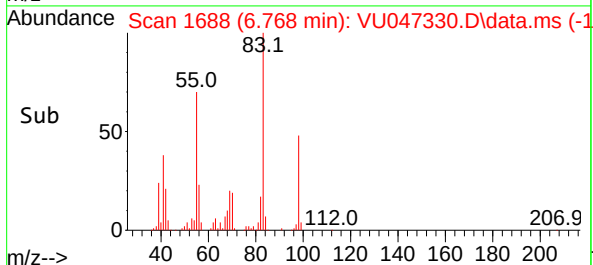
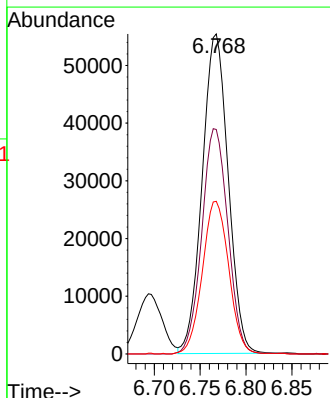
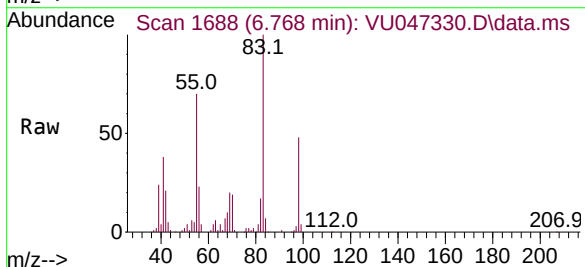
Tgt Ion: 83 Resp: 109136

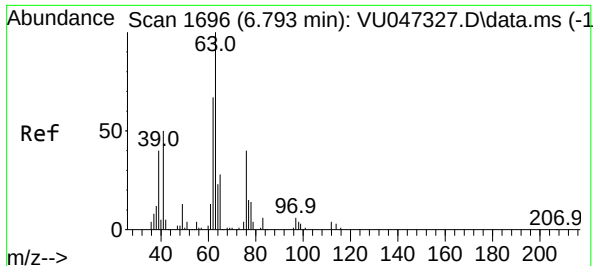
Ion Ratio Lower Upper

83 100

55 70.6 61.9 92.9

98 48.6 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.653 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

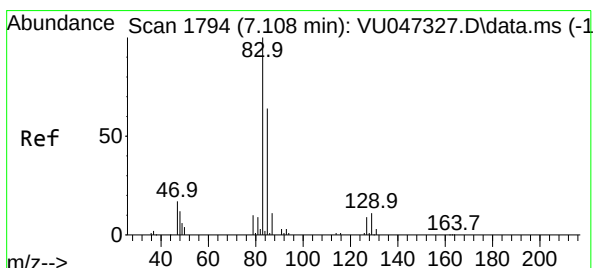
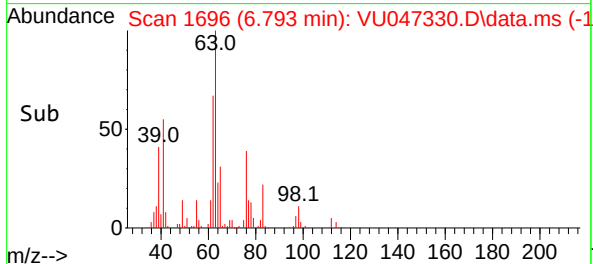
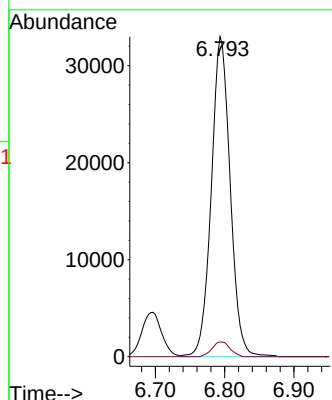
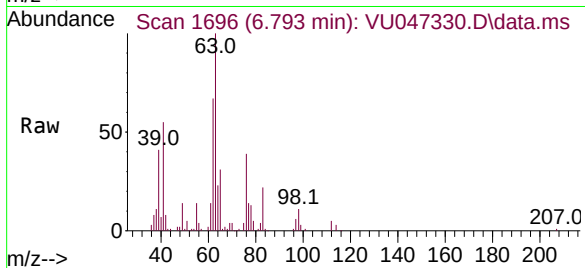
VICV012

Tgt Ion: 63 Resp: 62418

Ion Ratio Lower Upper

63 100

112 4.4 3.2 4.8



#38

Bromodichloromethane

Concen: 5.519 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

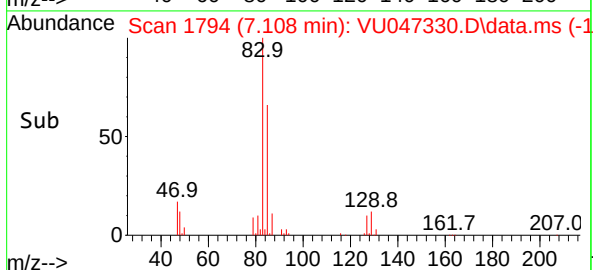
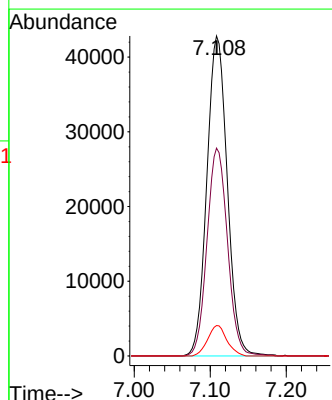
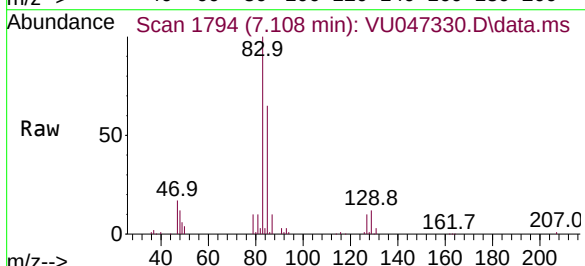
Tgt Ion: 83 Resp: 79979

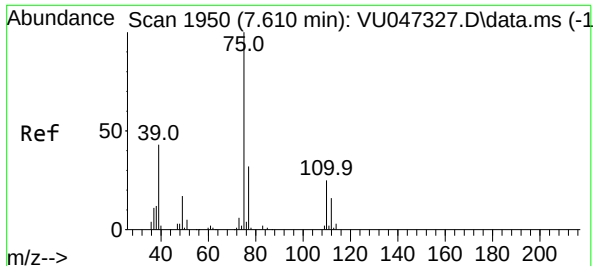
Ion Ratio Lower Upper

83 100

85 65.0 44.0 81.8

127 9.5 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 5.568 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

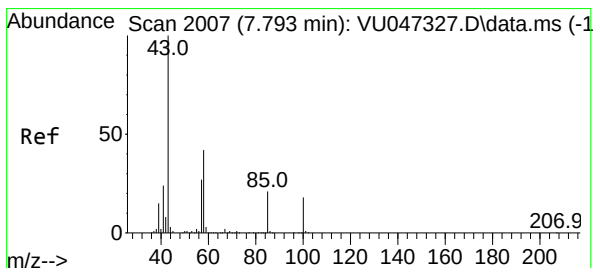
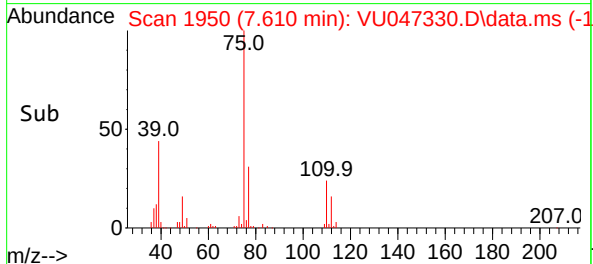
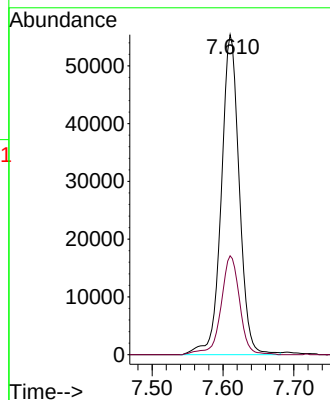
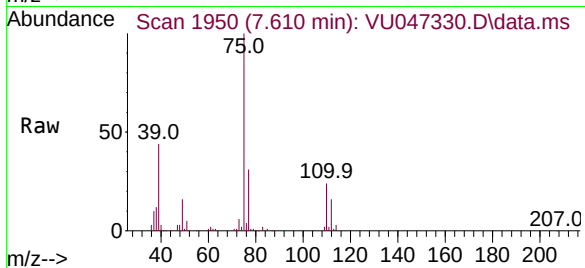
VICV012

Tgt Ion: 75 Resp: 97614

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 53.952 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

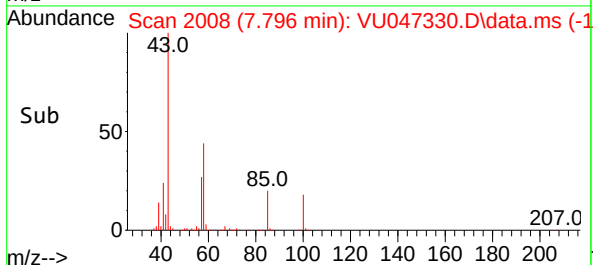
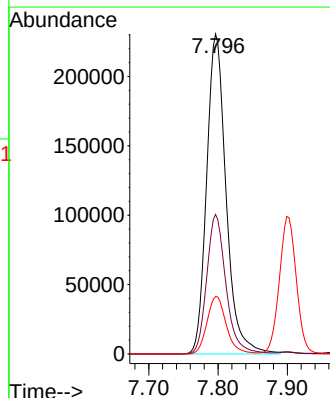
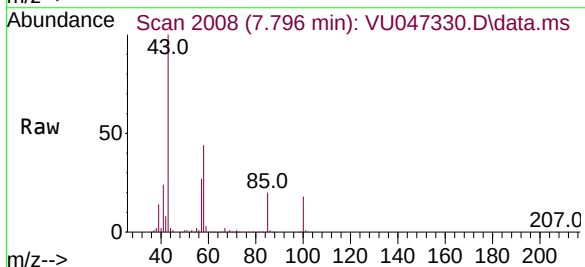
Tgt Ion: 43 Resp: 449365

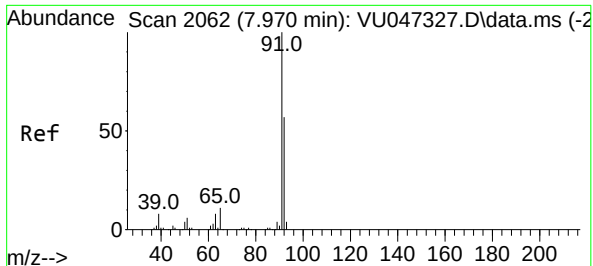
Ion Ratio Lower Upper

43 100

58 43.1 33.1 49.7

100 17.9 13.2 19.8





#42

Toluene

Concen: 5.691 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

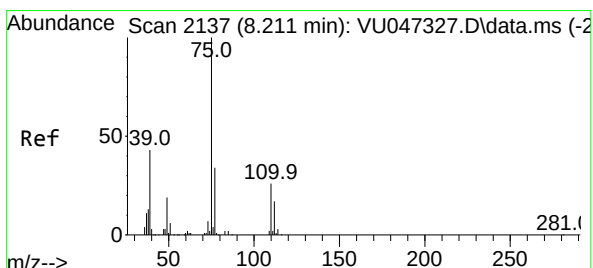
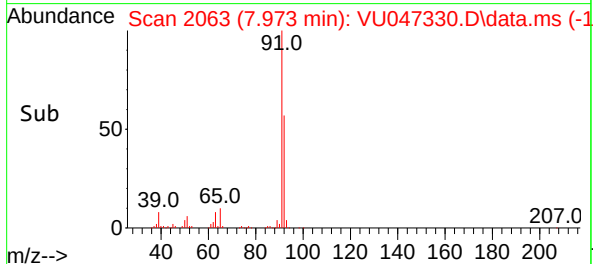
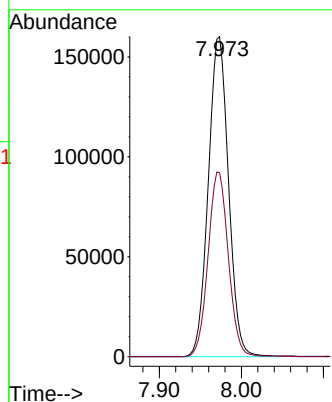
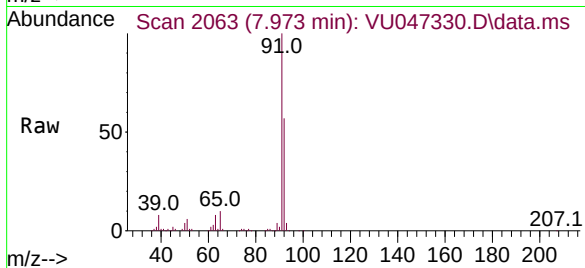
VICV012

Tgt Ion: 91 Resp: 274648

Ion Ratio Lower Upper

91 100

92 57.5 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.659 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047330.D

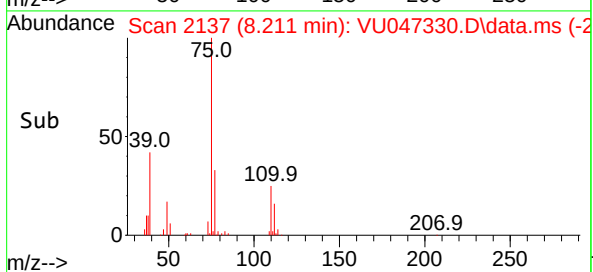
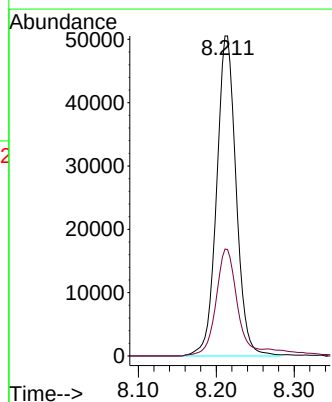
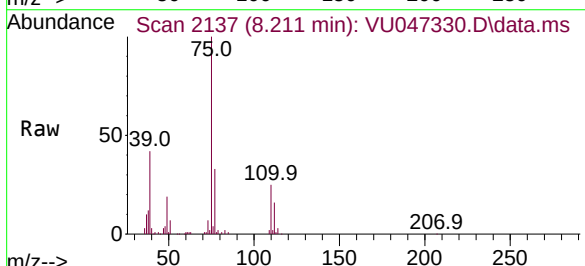
Acq: 04 Mar 2022 14:54

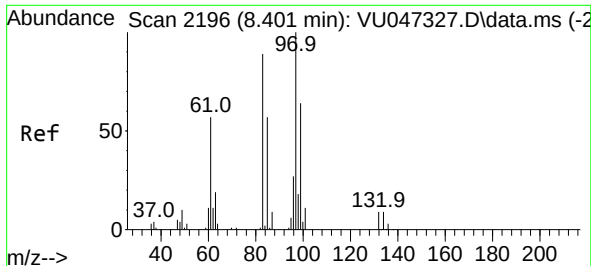
Tgt Ion: 75 Resp: 87923

Ion Ratio Lower Upper

75 100

77 33.4 22.7 42.3

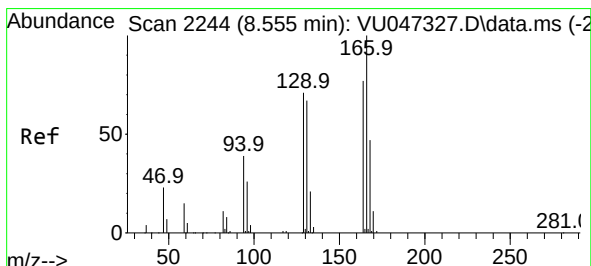
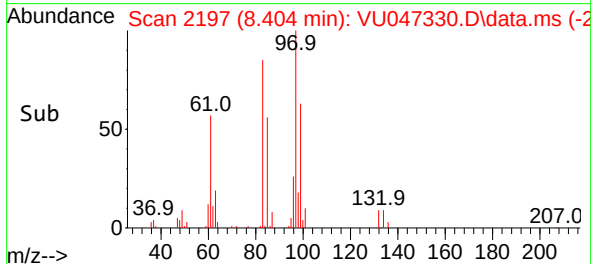
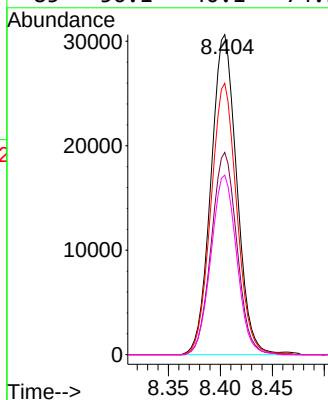
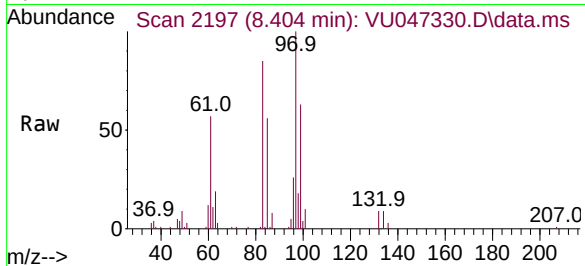




#45
1,1,2-Trichloroethane
Concen: 5.544 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

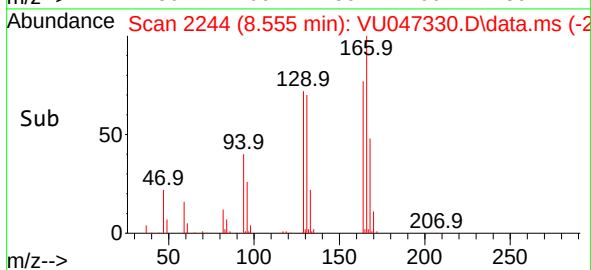
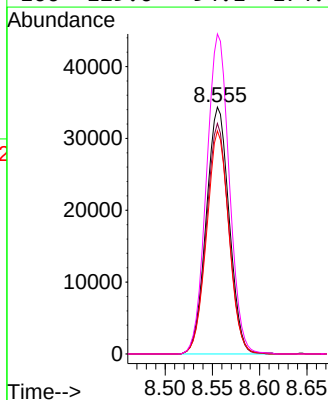
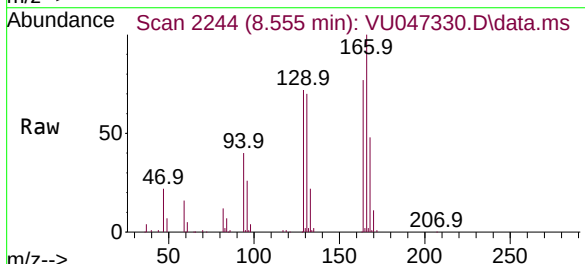
Instrument :
MSVOA_U
ClientSampleId :
VICV012

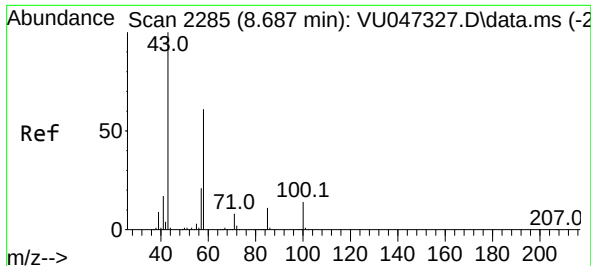
Tgt Ion:	97	Resp:	52934
Ion	Ratio	Lower	Upper
97	100		
99	63.2	42.3	78.5
83	84.8	62.0	115.2
85	56.1	40.1	74.5



#47
Tetrachloroethene
Concen: 5.824 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

Tgt Ion:	164	Resp:	58063
Ion	Ratio	Lower	Upper
164	100		
129	93.4	71.8	133.4
131	90.3	68.5	127.3
166	129.6	94.1	174.8

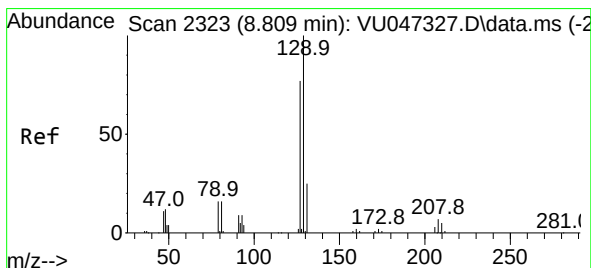
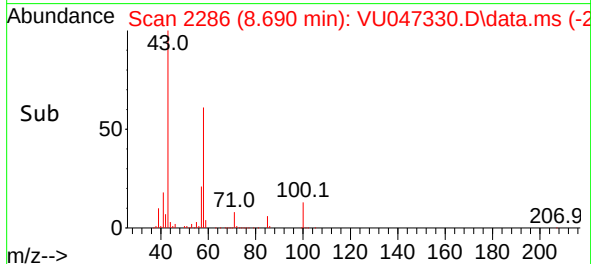
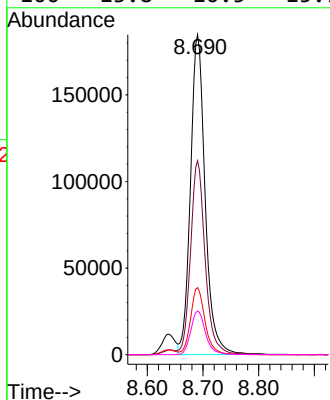
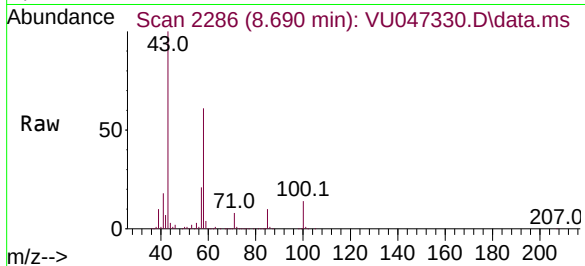




#48
2-Hexanone
Concen: 54.405 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

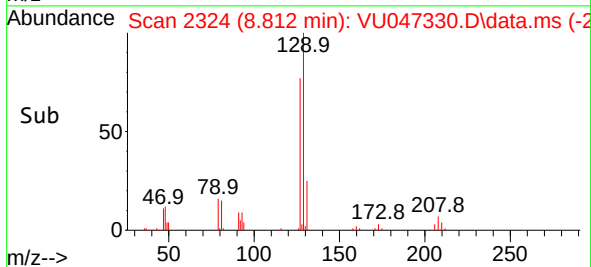
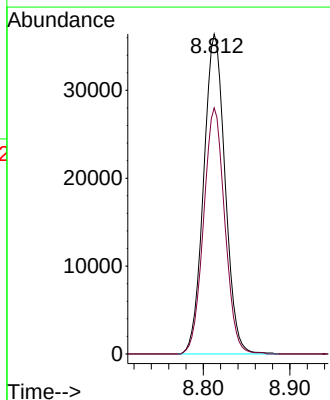
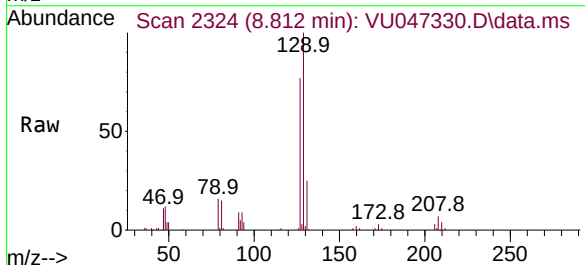
Instrument :
MSVOA_U
ClientSampleId :
VICV012

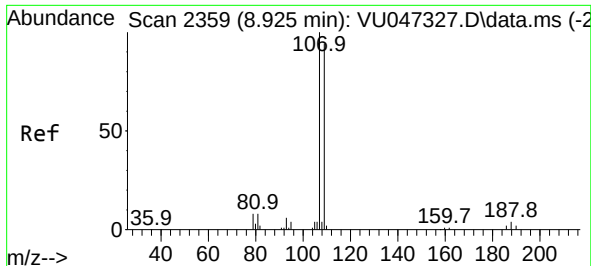
Tgt Ion: 43 Resp: 337983
Ion Ratio Lower Upper
43 100
58 60.5 46.7 70.1
57 20.7 16.3 24.5
100 13.8 10.5 15.7



#49
Dibromochloromethane
Concen: 5.568 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

Tgt Ion: 129 Resp: 62571
Ion Ratio Lower Upper
129 100
127 76.9 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.551 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

VICV012

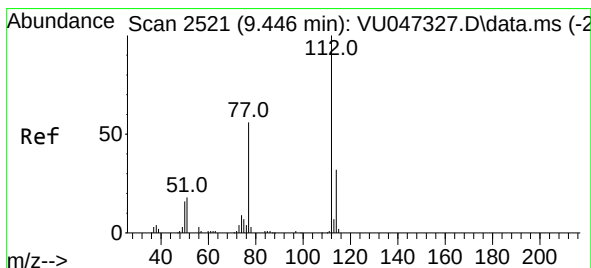
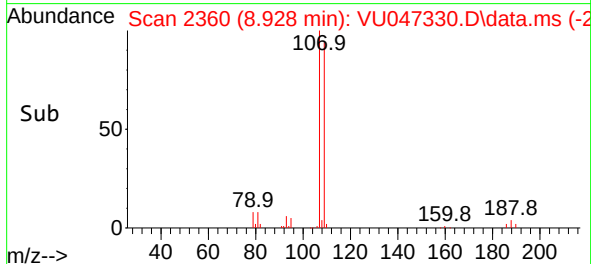
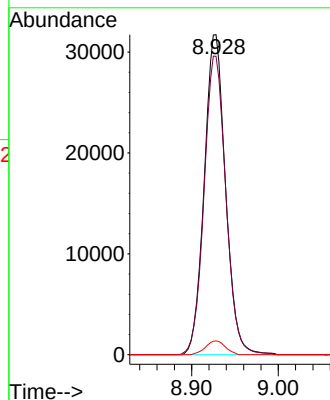
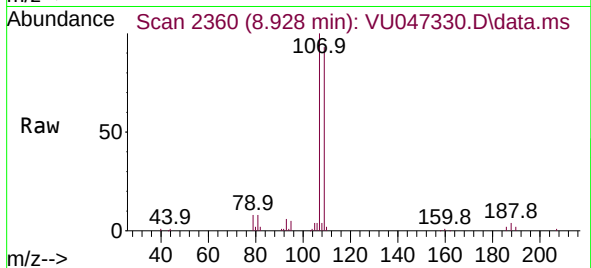
Tgt Ion:107 Resp: 54138

Ion Ratio Lower Upper

107 100

109 93.3 64.0 119.0

188 4.3 2.4 3.6#



#51

Chlorobenzene

Concen: 5.622 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

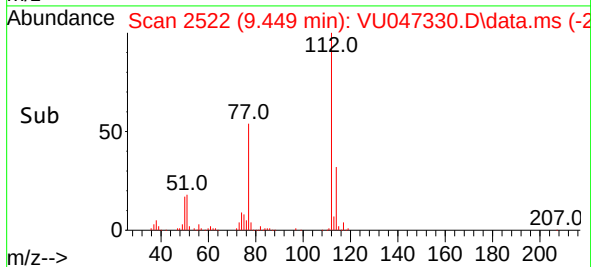
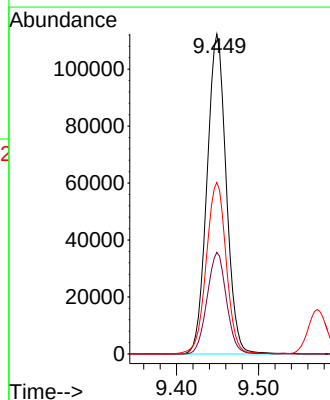
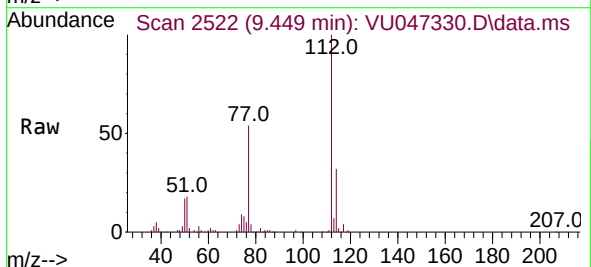
Tgt Ion:112 Resp: 182708

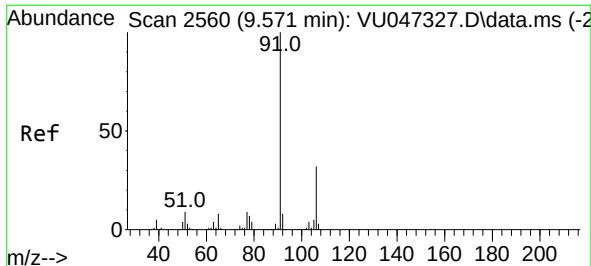
Ion Ratio Lower Upper

112 100

114 31.8 22.1 41.1

77 53.6 48.3 72.5

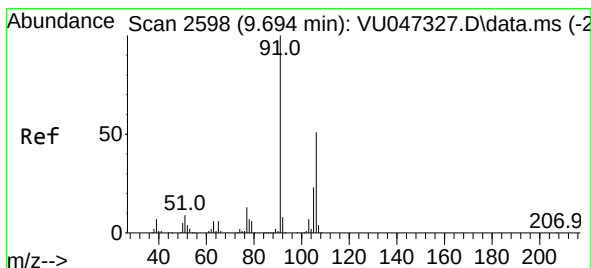
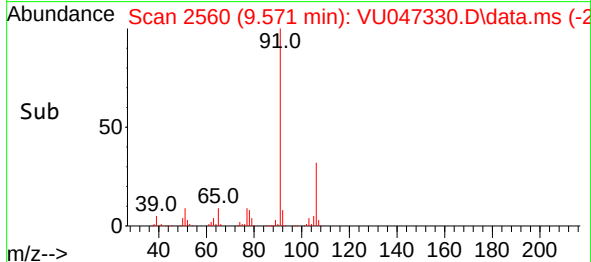
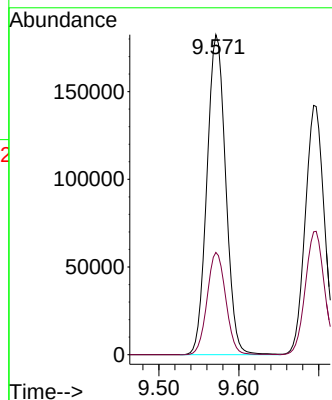
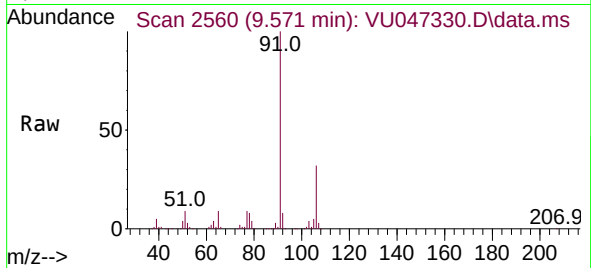




#52
Ethylbenzene
Concen: 5.769 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

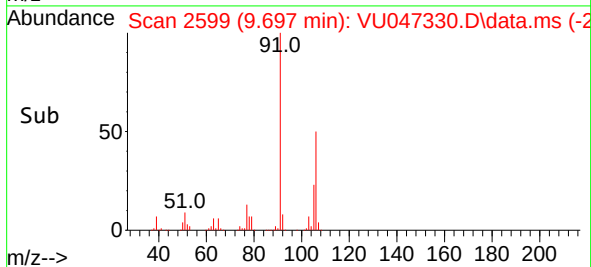
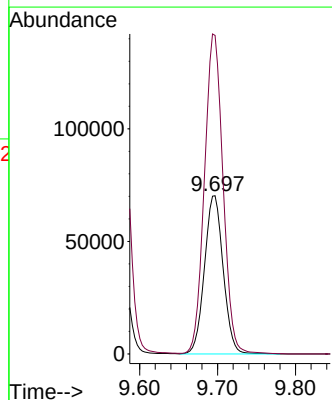
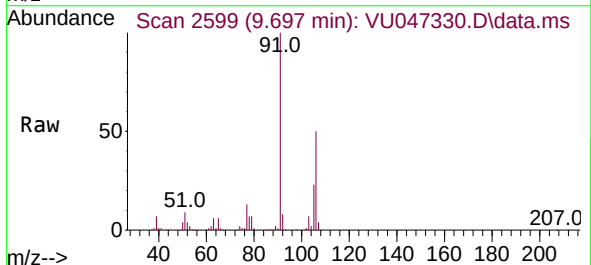
Instrument :
MSVOA_U
ClientSampleId :
VICV012

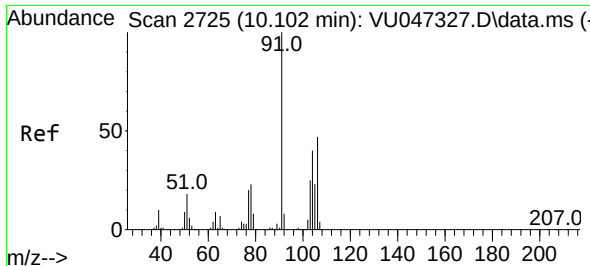
Tgt Ion: 91 Resp: 297834
Ion Ratio Lower Upper
91 100
106 32.0 21.5 39.9



#53
m,p-Xylene
Concen: 5.722 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

Tgt Ion: 106 Resp: 117395
Ion Ratio Lower Upper
106 100
91 201.2 139.4 259.0

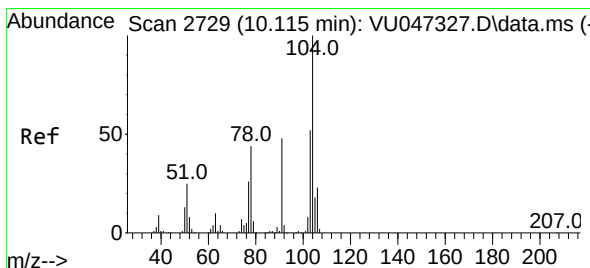
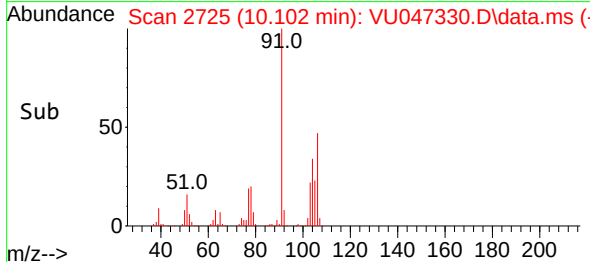
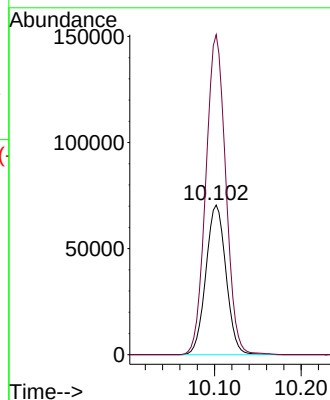
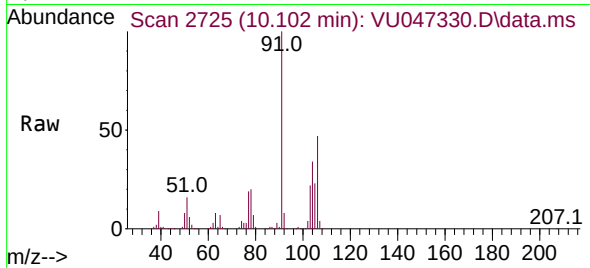




#54
o-Xylene
Concen: 5.756 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

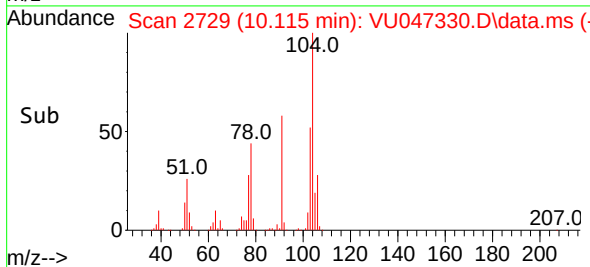
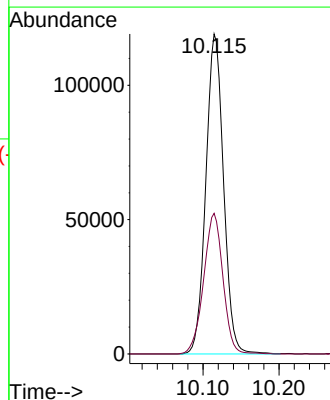
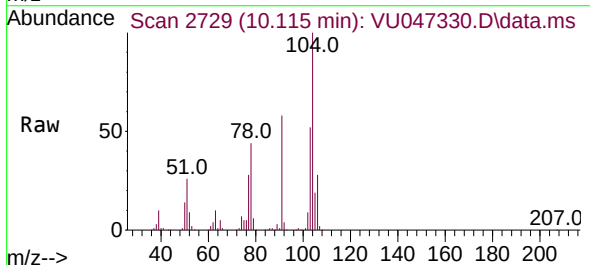
Instrument :
MSVOA_U
ClientSampleId :
VICV012

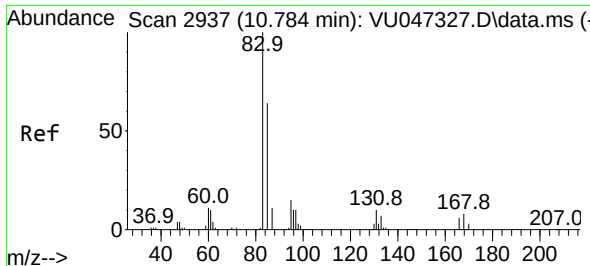
Tgt Ion:106 Resp: 113883
Ion Ratio Lower Upper
106 100
91 213.8 147.5 273.9



#55
Styrene
Concen: 5.746 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

Tgt Ion:104 Resp: 192732
Ion Ratio Lower Upper
104 100
78 44.0 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.341 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

VICV012

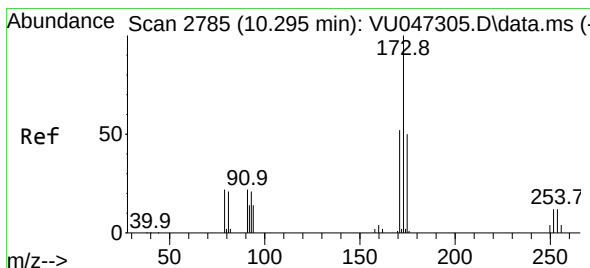
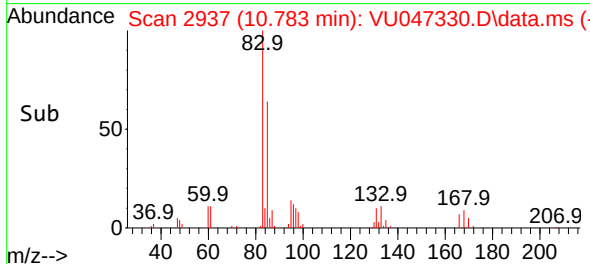
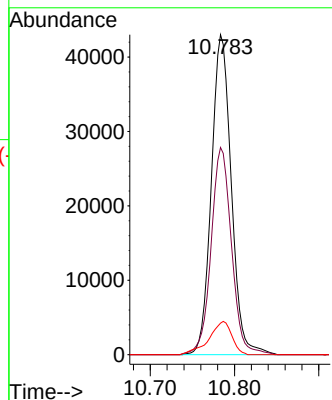
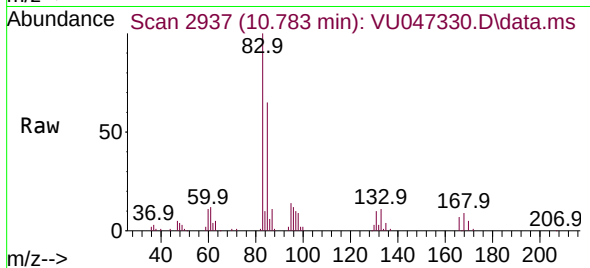
Tgt Ion: 83 Resp: 70584

Ion Ratio Lower Upper

83 100

85 64.7 47.9 89.1

131 9.9 8.1 12.1



#59

Bromoform

Concen: 5.613 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

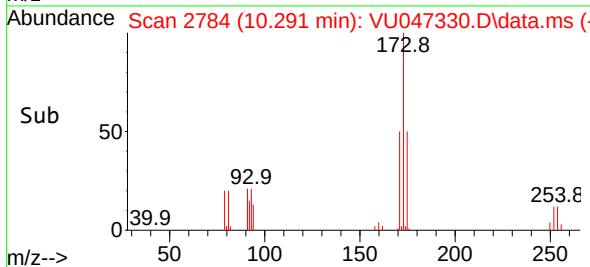
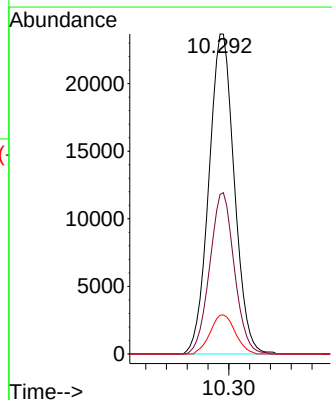
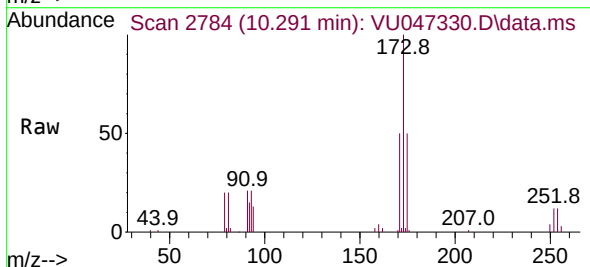
Tgt Ion:173 Resp: 40187

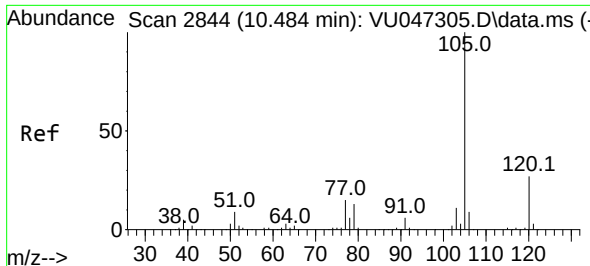
Ion Ratio Lower Upper

173 100

175 48.8 37.8 56.6

254 12.0 7.3 10.9#

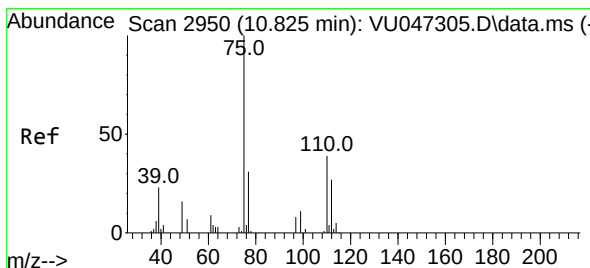
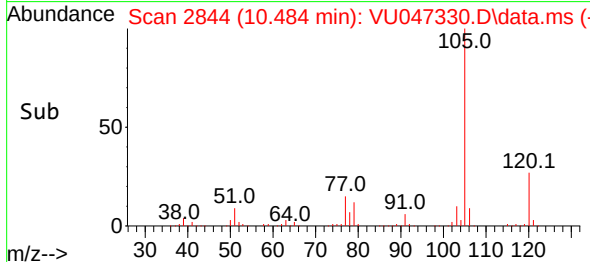
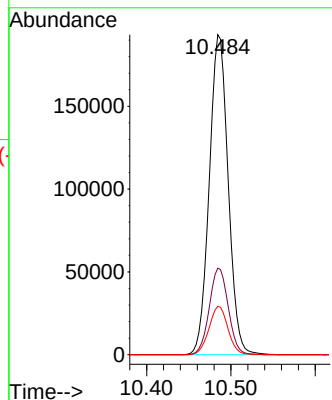
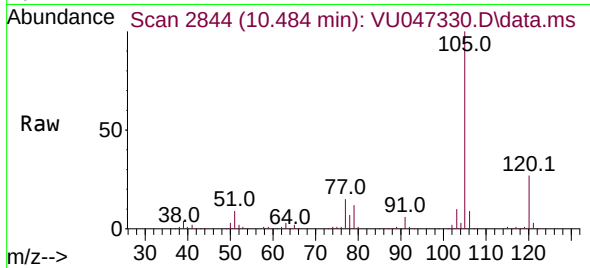




#60
Isopropylbenzene
Concen: 6.054 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

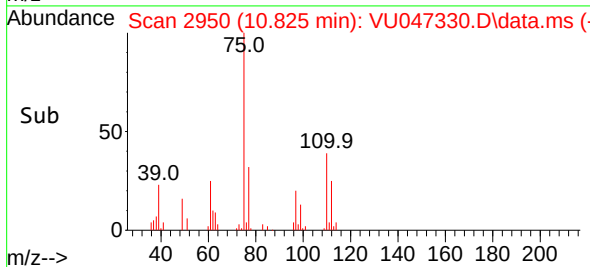
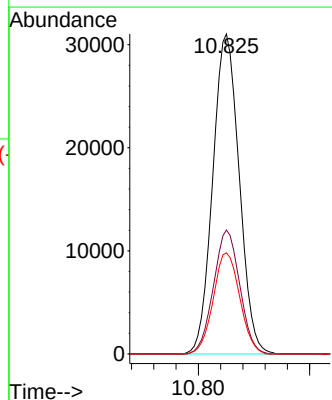
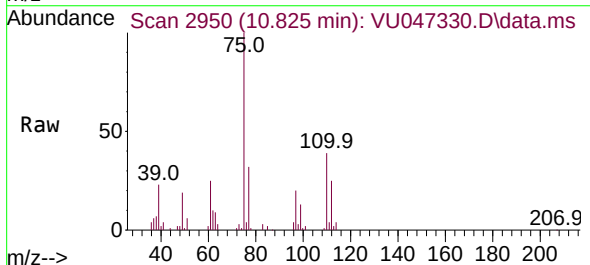
Instrument :
MSVOA_U
ClientSampleId :
VICV012

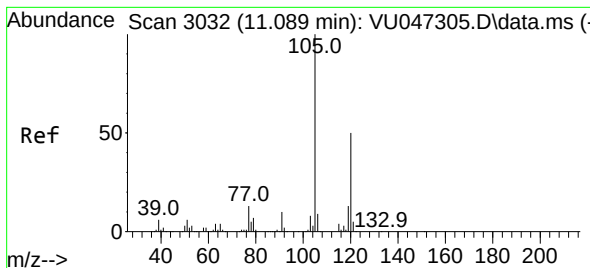
Tgt Ion:105 Resp: 301389
Ion Ratio Lower Upper
105 100
120 27.1 20.7 31.1
77 15.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.548 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

Tgt Ion: 75 Resp: 51116
Ion Ratio Lower Upper
75 100
110 38.5 29.9 44.9
77 31.8 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 6.019 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

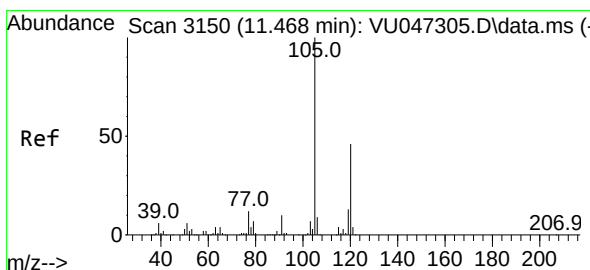
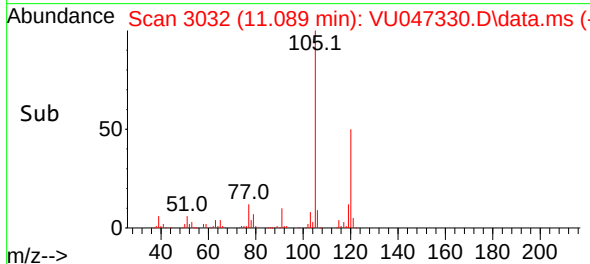
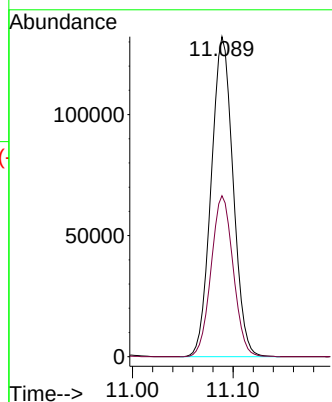
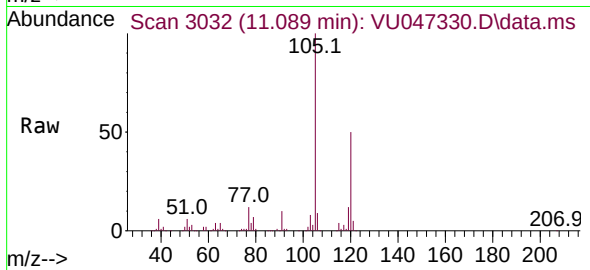
VICV012

Tgt Ion:105 Resp: 199980

Ion Ratio Lower Upper

105 100

120 50.7 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 6.003 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047330.D

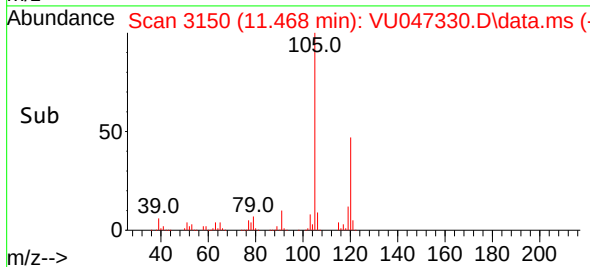
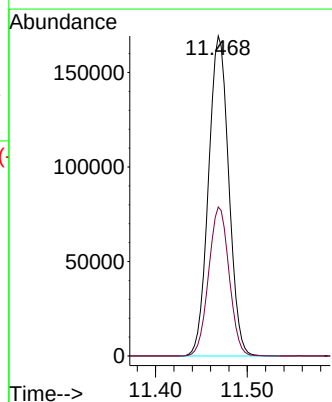
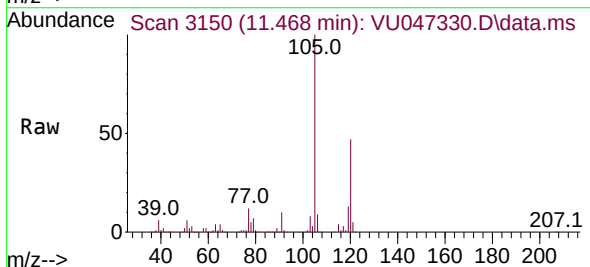
Acq: 04 Mar 2022 14:54

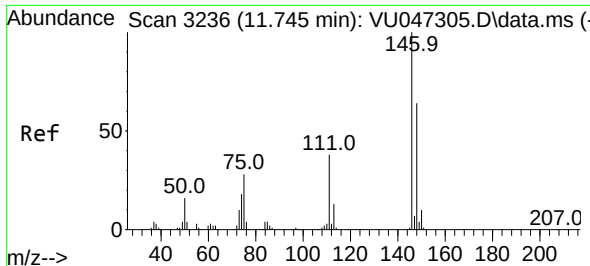
Tgt Ion:105 Resp: 259816

Ion Ratio Lower Upper

105 100

120 47.0 35.8 53.8

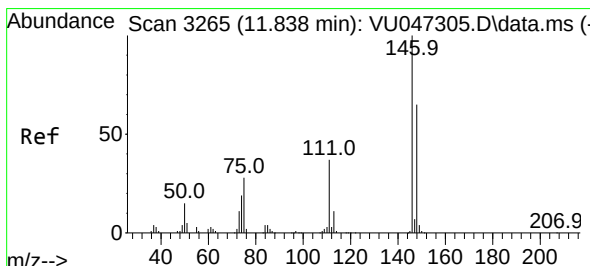
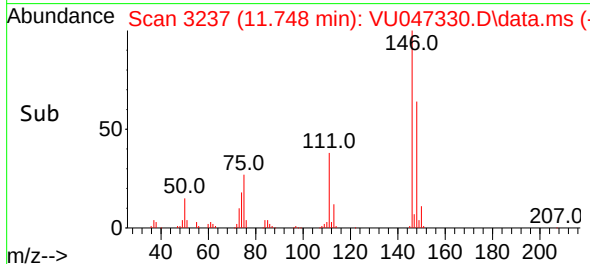
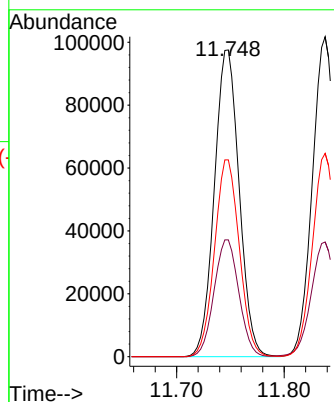
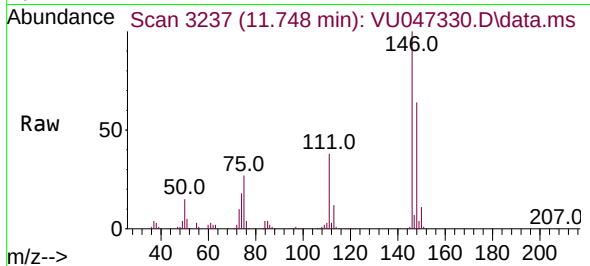




#64
1,3-Dichlorobenzene
Concen: 5.875 ug/L
RT: 11.748 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

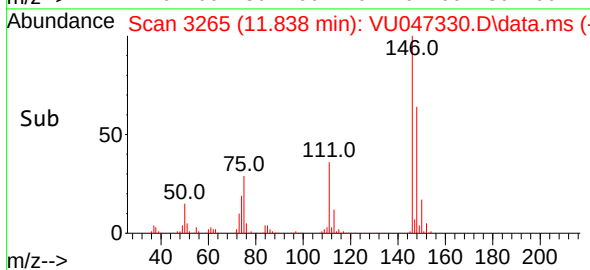
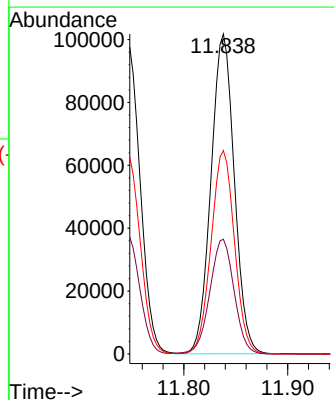
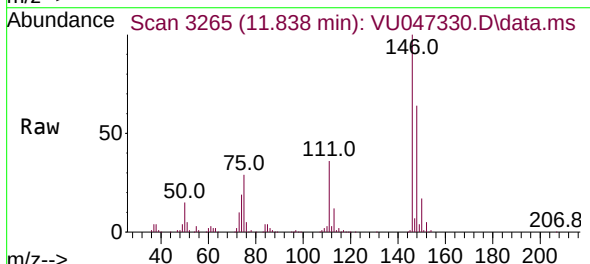
Instrument :
MSVOA_U
ClientSampleId :
VICV012

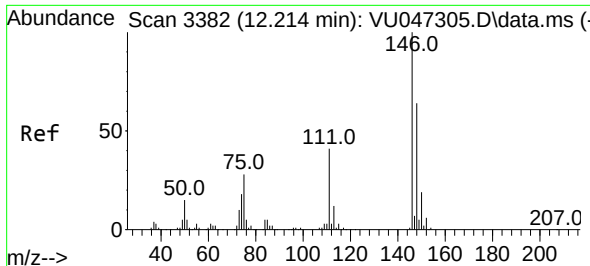
Tgt Ion:146 Resp: 156492
Ion Ratio Lower Upper
146 100
111 38.1 29.9 55.5
148 64.2 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.810 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047330.D
Acq: 04 Mar 2022 14:54

Tgt Ion:146 Resp: 158566
Ion Ratio Lower Upper
146 100
111 35.9 28.7 53.3
148 63.6 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.720 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

VICV012

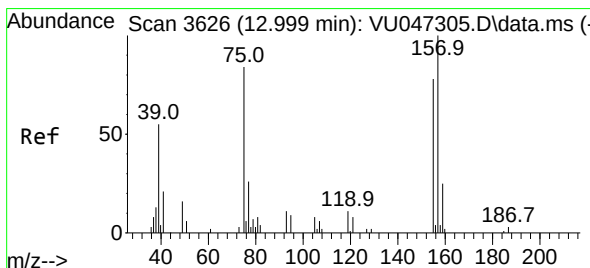
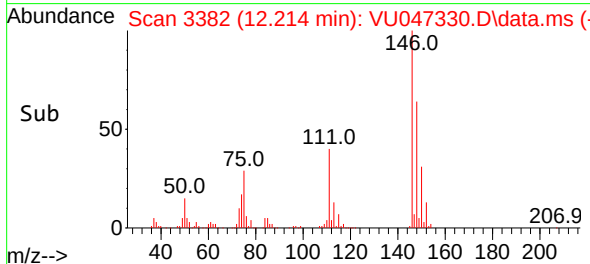
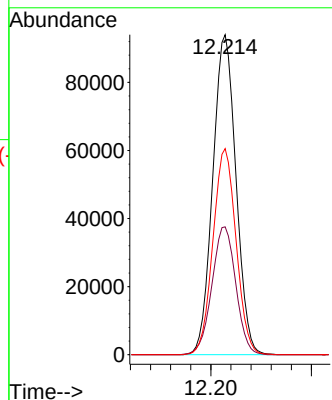
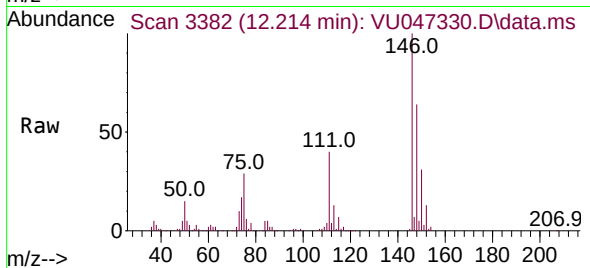
Tgt Ion:146 Resp: 150658

Ion Ratio Lower Upper

146 100

111 39.9 35.4 53.0

148 64.4 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.674 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

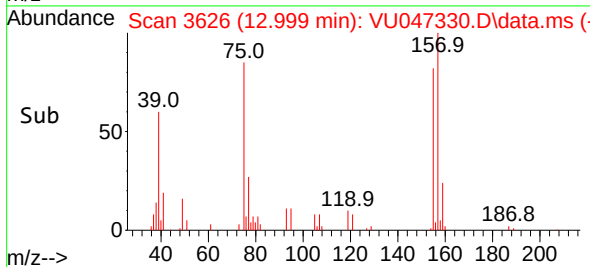
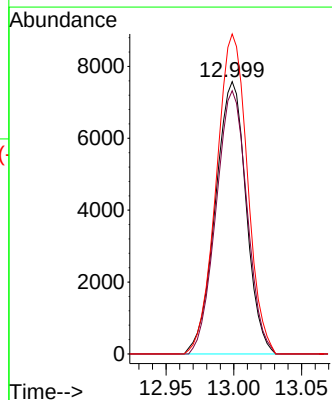
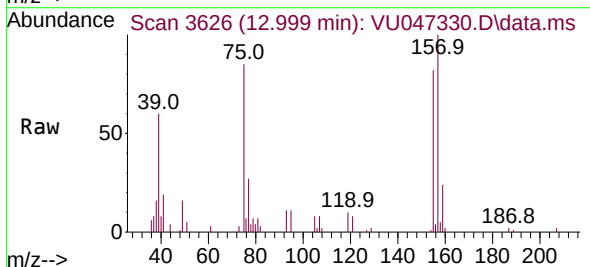
Tgt Ion: 75 Resp: 11944

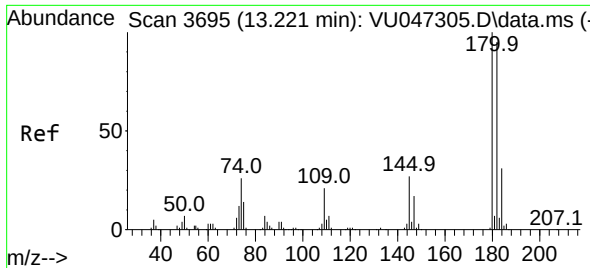
Ion Ratio Lower Upper

75 100

155 96.6 59.2 88.8#

157 117.5 76.5 114.7#



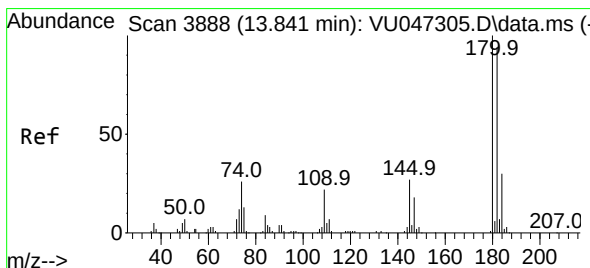
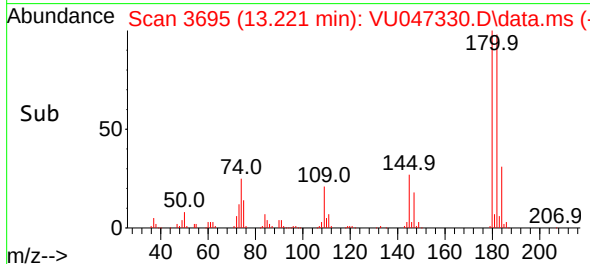
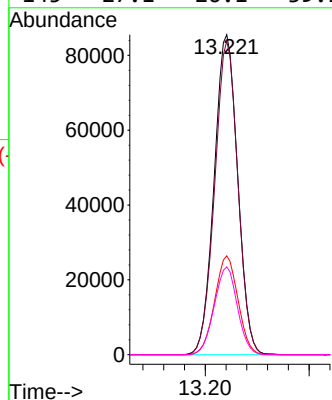
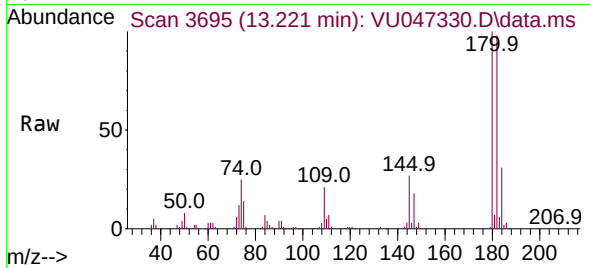


#69
 1,3,5-Trichlorobenzene
 Concen: 6.037 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU047330.D
 Acq: 04 Mar 2022 14:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV012

Tgt Ion:180 Resp: 134086

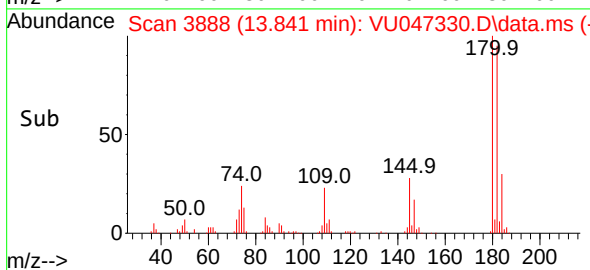
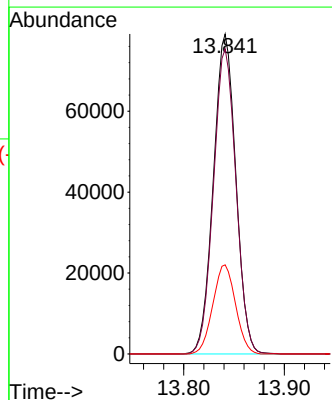
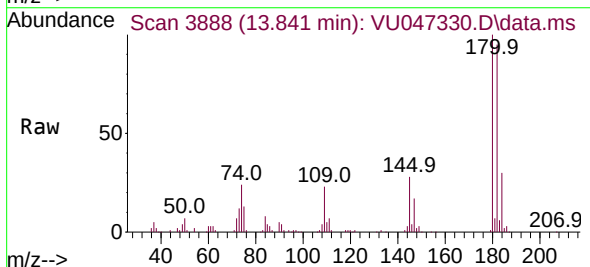
Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.1	114.1
184	30.7	25.0	37.4
145	27.1	26.1	39.1

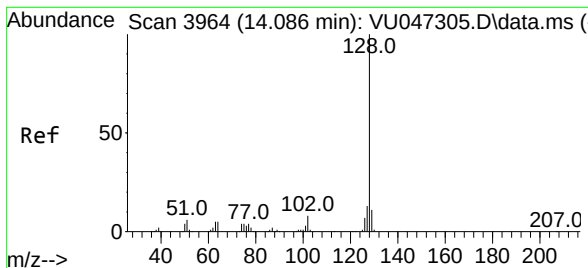


#70
 1,2,4-trichlorobenzene
 Concen: 6.077 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU047330.D
 Acq: 04 Mar 2022 14:54

Tgt Ion:180 Resp: 122664

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.4	114.6
145	28.2	25.6	38.4





#71

Naphthalene

Concen: 5.917 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

VICV012

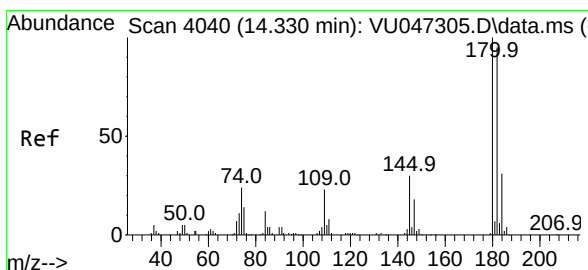
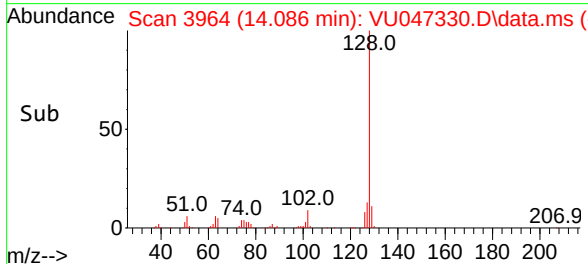
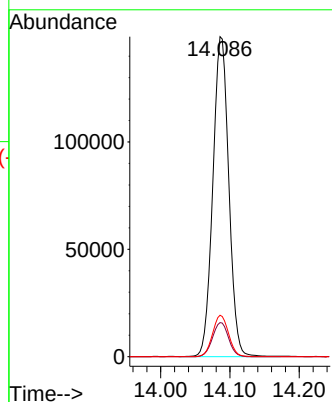
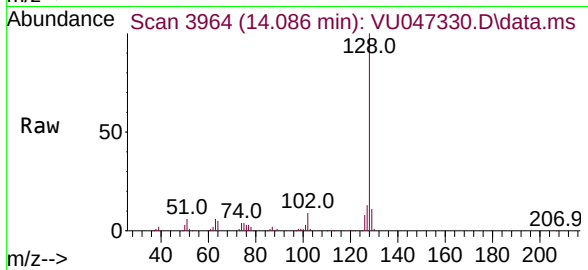
Tgt Ion:128 Resp: 238096

Ion Ratio Lower Upper

128 100

129 10.7 8.4 12.6

127 13.0 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 6.074 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU047330.D

Acq: 04 Mar 2022 14:54

Tgt Ion:180 Resp: 114118

Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.4

145 29.0 28.4 42.6

