

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030222\
 Data File : VU047303.D
 Acq On : 02 Mar 2022 19:58
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 02 23:59:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 02 23:54:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	134183	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	137742	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	83363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	48789	4.305	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.919	69	39022	4.345	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.572	65	20676	4.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.649	46	140985	52.049	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.100%
24) Chloroform-d	5.067	84	89914	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.706	65	47228	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.729	84	176397	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.694	67	55443	4.527	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.899	98	167287	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.182	79	24243	4.367	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.636	63	129773	44.397	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	54422	4.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	71954	4.811	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	43860	3.865	ug/L	100
3) Chloromethane	1.527	50	56877	4.621	ug/L	99
5) Vinyl chloride	1.607	62	56269	4.526	ug/L	100
6) Bromomethane	1.861	94	25990	3.556	ug/L	99
8) Chloroethane	1.938	64	34753	4.847	ug/L	96
9) Trichlorofluoromethane	2.144	101	69702	4.600	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36093	3.949	ug/L	93
12) 1,1-Dichloroethene	2.584	96	42641	4.829	ug/L	85
13) Acetone	2.668	43	83839	61.826	ug/L	94
14) Carbon disulfide	2.800	76	119229	4.048	ug/L	99
15) Methyl Acetate	2.964	43	20069	4.781	ug/L	95
16) Methylene chloride	3.051	84	52611	5.348	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	127342	5.277	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	45469	4.765	ug/L	93
19) 1,1-Dichloroethane	3.877	63	86276	5.172	ug/L	99
21) 2-Butanone	4.726	43	147857	58.060	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	54049	5.204	ug/L	95
23) Bromochloromethane	4.980	128	27034	5.552	ug/L	88
25) Chloroform	5.092	83	93772	5.369	ug/L	96

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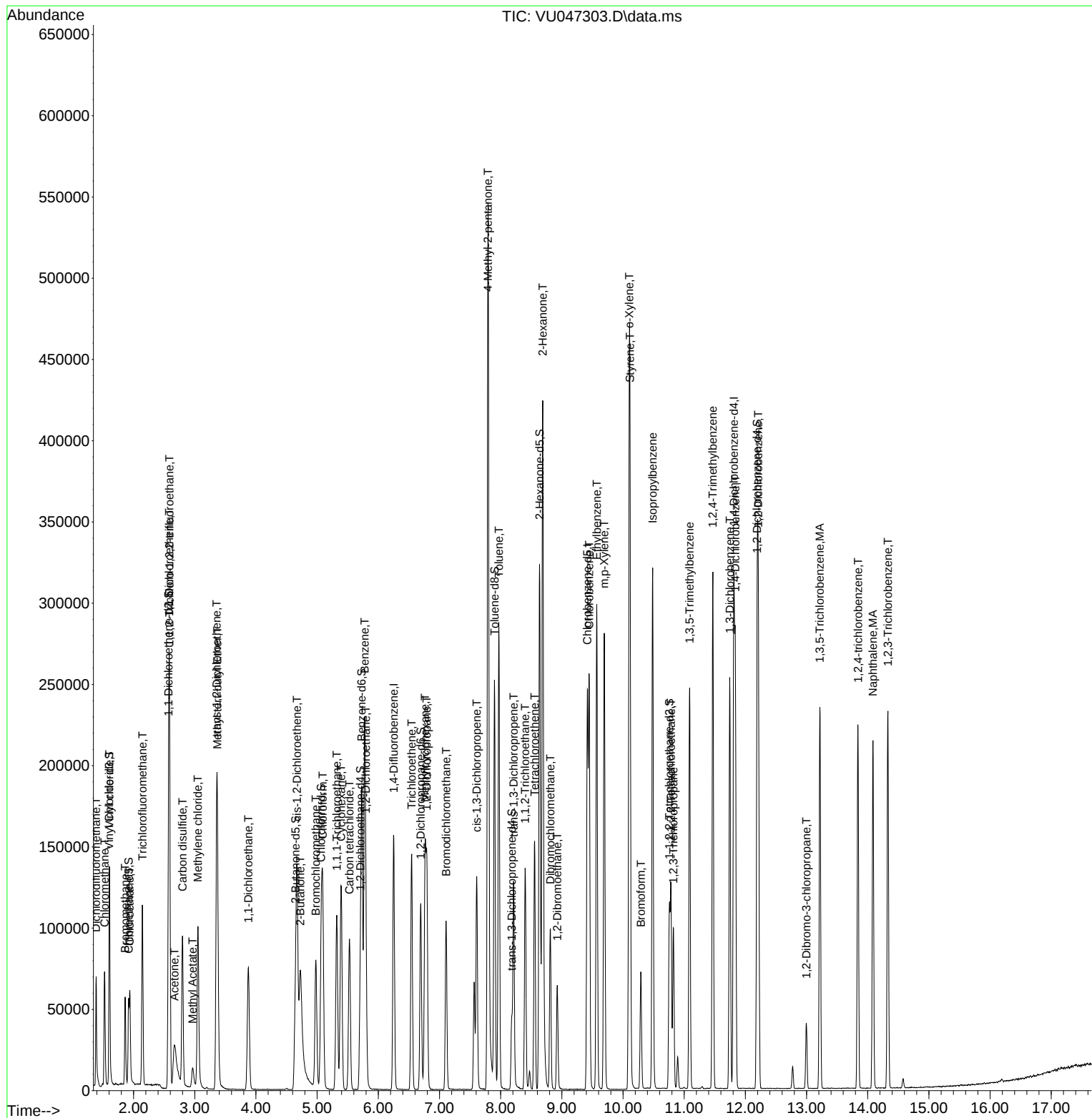
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	63143	5.408	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	77573	5.201	ug/L	98
30) Cyclohexane	5.391	56	64691	3.974	ug/L	97
31) Carbon tetrachloride	5.530	117	64182	4.942	ug/L	98
33) Benzene	5.777	78	202333	5.170	ug/L	100
34) Trichloroethene	6.546	95	49752	4.766	ug/L	94
35) Methylcyclohexane	6.764	83	60884	3.456	ug/L	94
37) 1,2-Dichloropropane	6.793	63	51475	5.088	ug/L	100
38) Bromodichloromethane	7.108	83	67717	5.239	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	76733	4.877	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	371759	51.498	ug/L	98
42) Toluene	7.970	91	210058	4.822	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	69108	4.876	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	43602	5.550	ug/L	97
47) Tetrachloroethene	8.555	164	35107	4.144	ug/L	92
48) 2-Hexanone	8.687	43	272448	50.761	ug/L	99
49) Dibromochloromethane	8.812	129	51550	5.447	ug/L	99
50) 1,2-Dibromoethane	8.925	107	43107	5.440	ug/L #	98
51) Chlorobenzene	9.446	112	138214	4.914	ug/L	96
52) Ethylbenzene	9.571	91	214307	4.489	ug/L	99
53) m,p-Xylene	9.693	106	81894	4.369	ug/L	100
54) o-Xylene	10.102	106	84533	4.631	ug/L	96
55) Styrene	10.115	104	145703	4.771	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	58808	5.656	ug/L	97
59) Bromoform	10.291	173	32907	5.420	ug/L #	97
60) Isopropylbenzene	10.484	105	213178	4.358	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	41440	5.206	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	135255	4.142	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	176159	4.190	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	106078	4.497	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	107137	4.489	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	110392	4.913	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	9762	5.309	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.217	180	77189	3.960	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	73337	4.042	ug/L	98
71) Naphthalene	14.086	128	170942	4.565	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	75507	4.425	ug/L	96

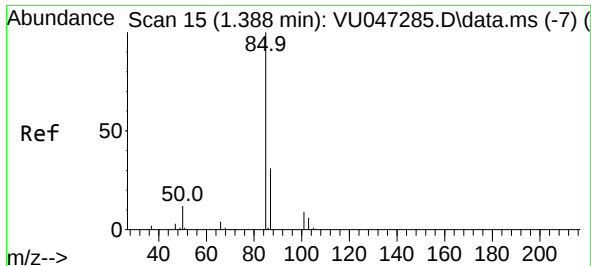
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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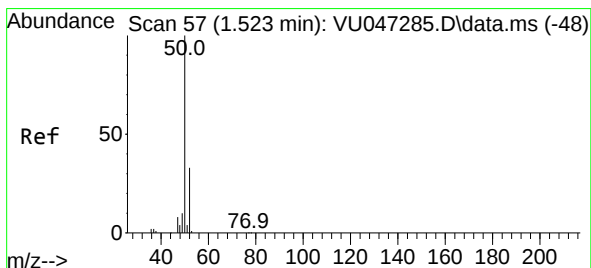
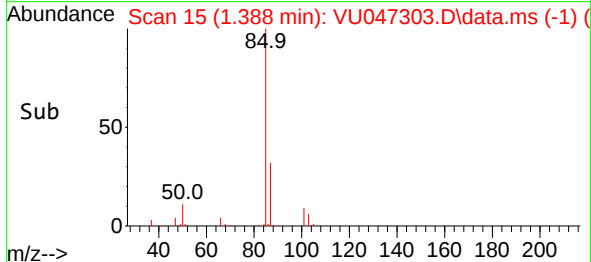
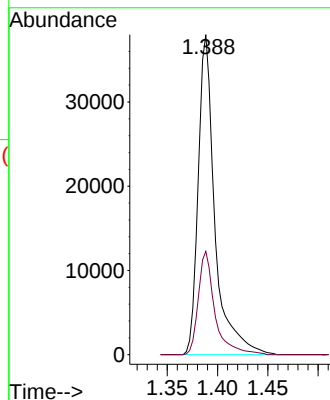
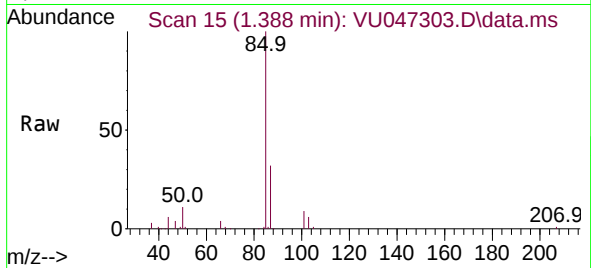




#2
Dichlorodifluoromethane
Concen: 3.865 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

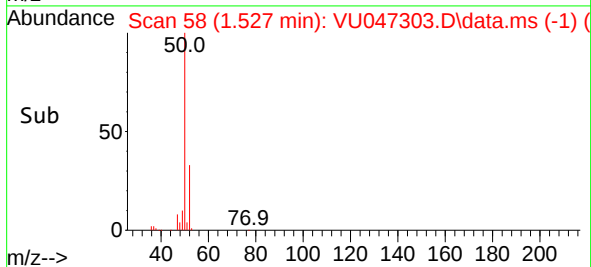
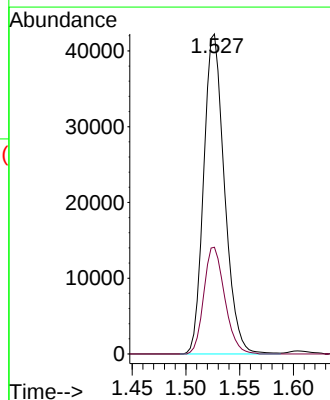
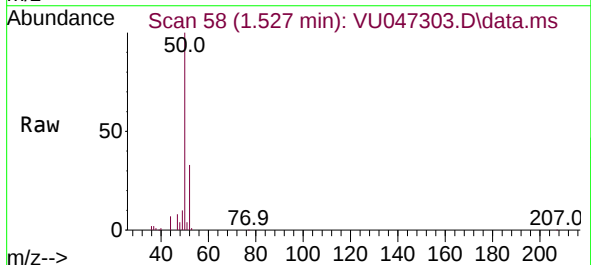
Instrument :
MSVOA_U
ClientSampleId :

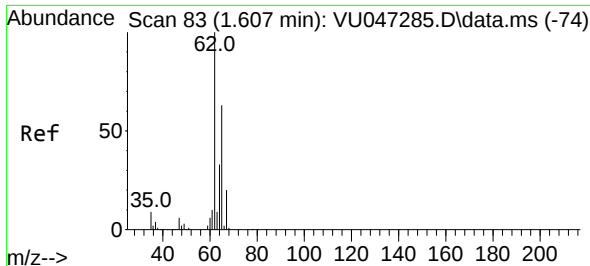
Tgt Ion: 85 Resp: 43860
Ion Ratio Lower Upper
85 100
87 32.1 25.8 38.6



#3
Chloromethane
Concen: 4.621 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

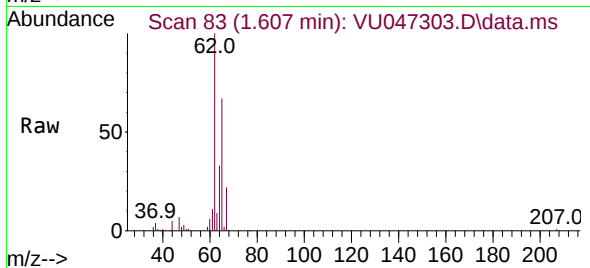
Tgt Ion: 50 Resp: 56877
Ion Ratio Lower Upper
50 100
52 33.4 23.0 42.8



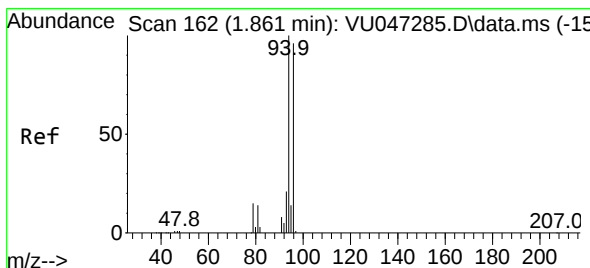
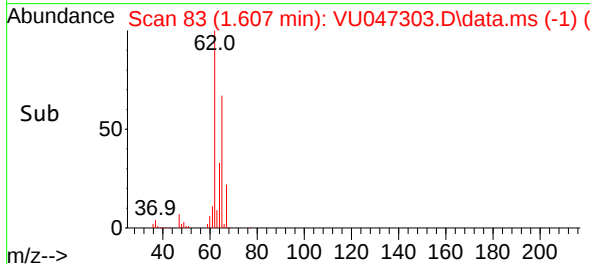
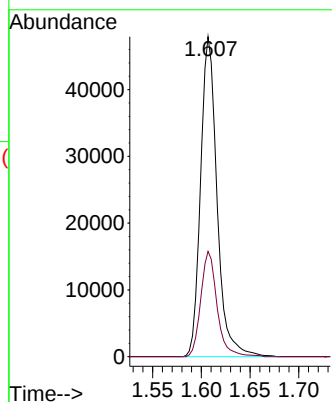


#5
 Vinyl chloride
 Concen: 4.526 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047303.D
 Acq: 02 Mar 2022 19:58

Instrument :
 MSVOA_U
 ClientSampleId :

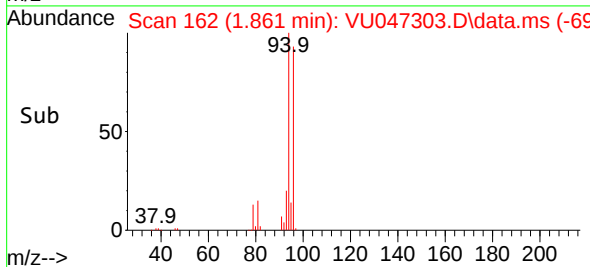
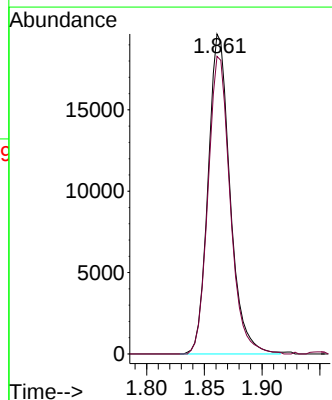
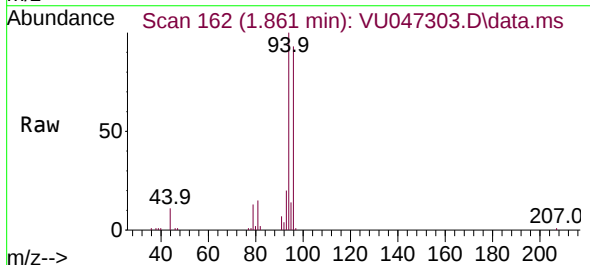


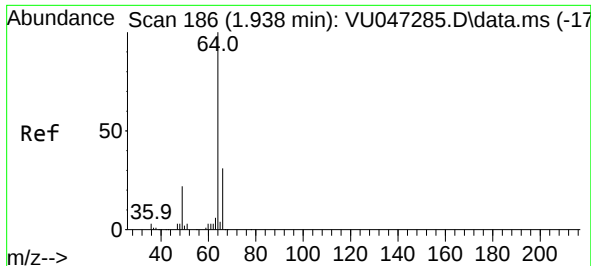
Tgt Ion: 62 Resp: 56269
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.9 42.5



#6
 Bromomethane
 Concen: 3.556 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU047303.D
 Acq: 02 Mar 2022 19:58

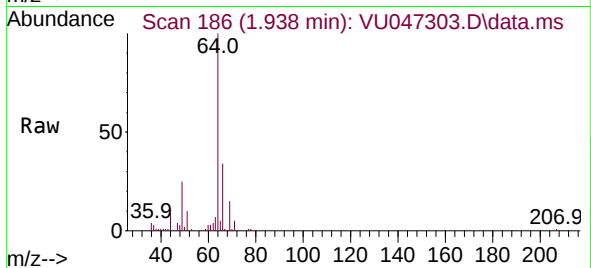
Tgt Ion: 94 Resp: 25990
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.5 121.6



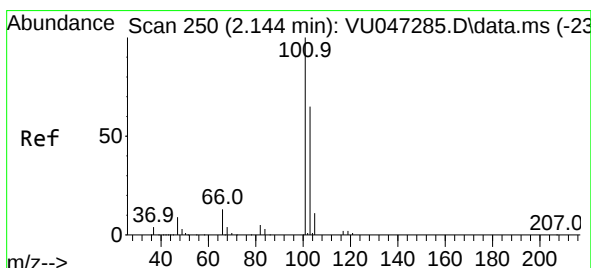
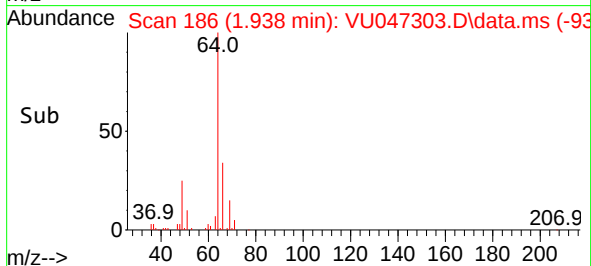
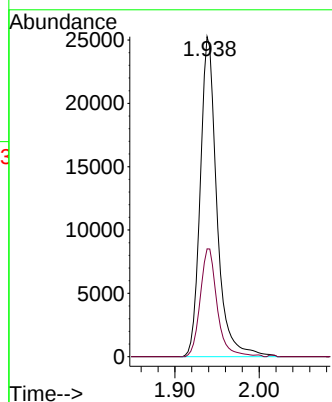


#8
Chloroethane
Concen: 4.847 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

Instrument :
MSVOA_U
ClientSampleId :

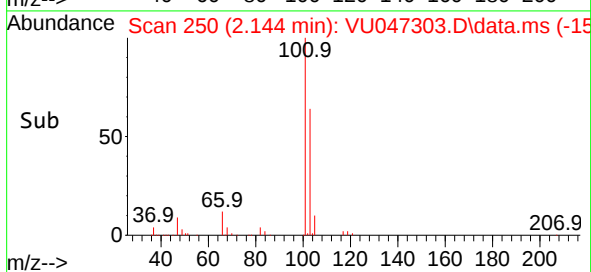
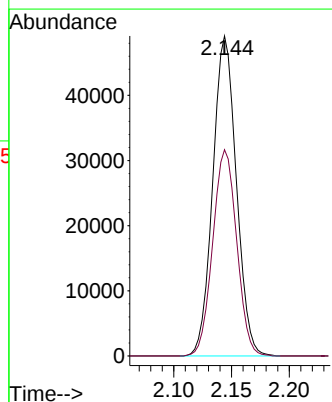
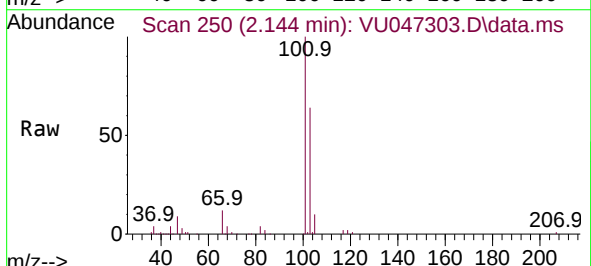


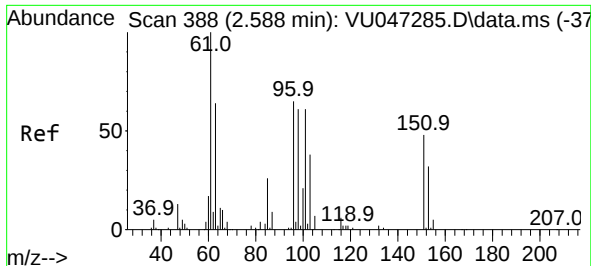
Tgt Ion: 64 Resp: 34753
Ion Ratio Lower Upper
64 100
66 33.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.600 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

Tgt Ion: 101 Resp: 69702
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3





#10

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

Concen: 3.949 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

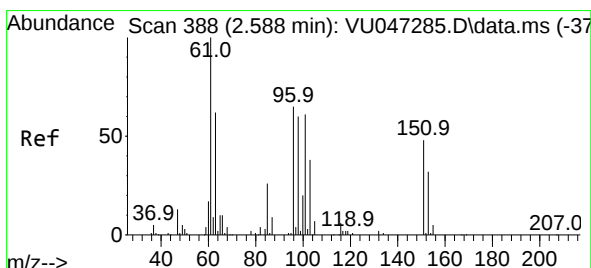
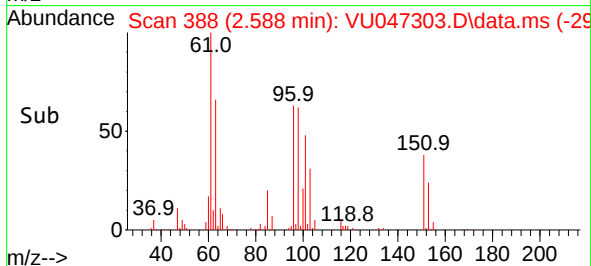
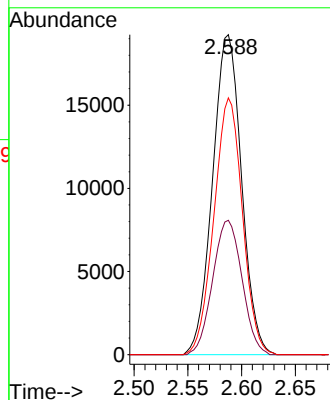
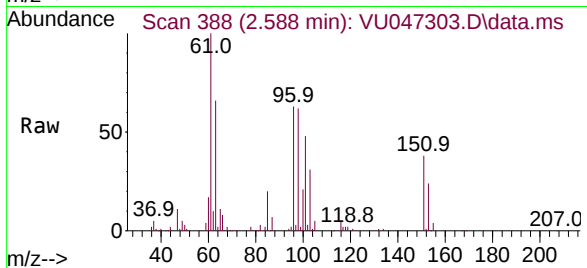
Tgt Ion:101 Resp: 36093

Ion Ratio Lower Upper

101 100

85 42.5 34.6 51.8

151 78.8 56.1 84.1



#12

1,1-Dichloroethene

Concen: 4.829 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

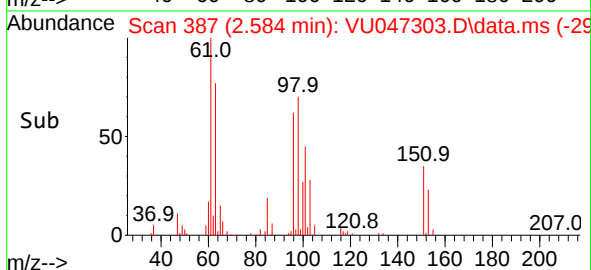
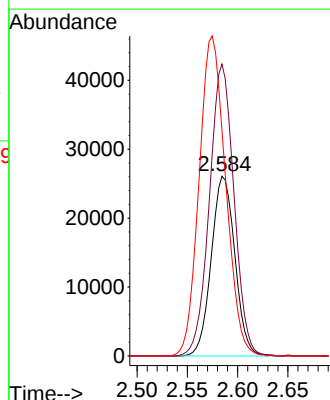
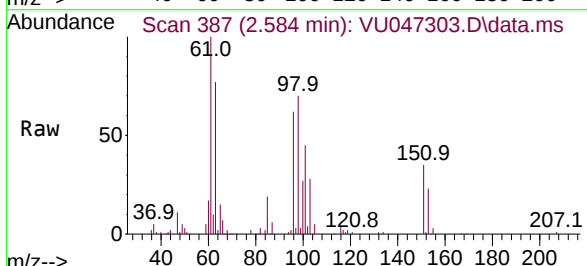
Tgt Ion: 96 Resp: 42641

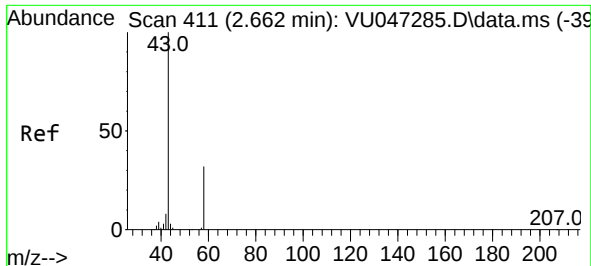
Ion Ratio Lower Upper

96 100

61 162.5 124.7 231.5

63 125.5 105.2 195.4





#13

Acetone

Concen: 61.826 ug/L

RT: 2.668 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU047303.D

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Instrument :

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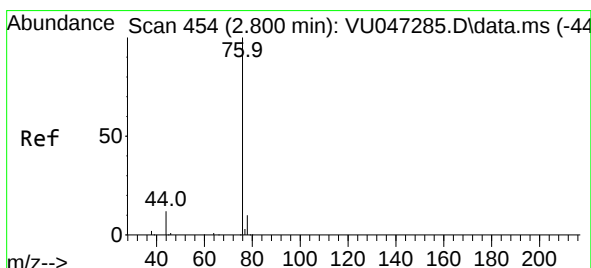
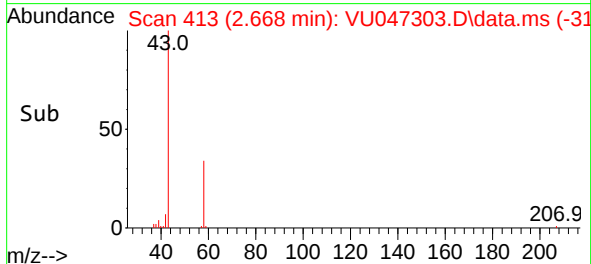
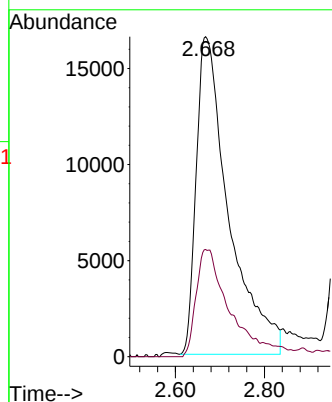
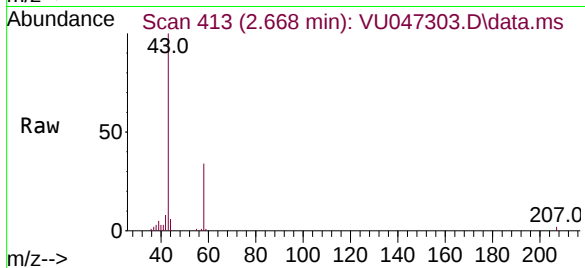
ClientSampleId :

Tgt Ion: 43 Resp: 83839

Ion Ratio Lower Upper

43 100

58 32.5 0.0 71.6



#14

Carbon disulfide

Concen: 4.048 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

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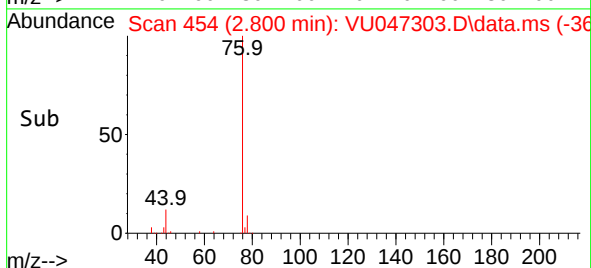
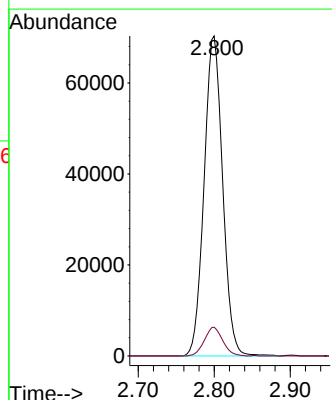
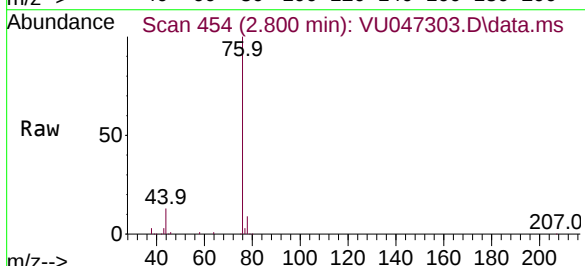
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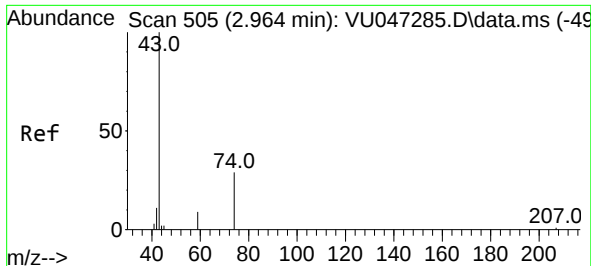
Tgt Ion: 76 Resp: 119229

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

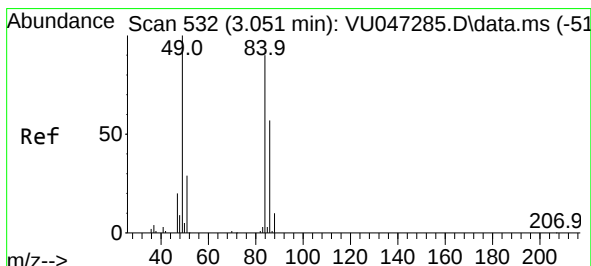
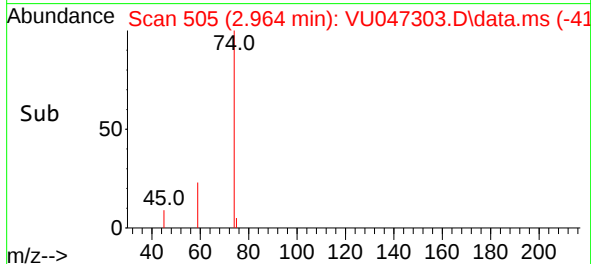
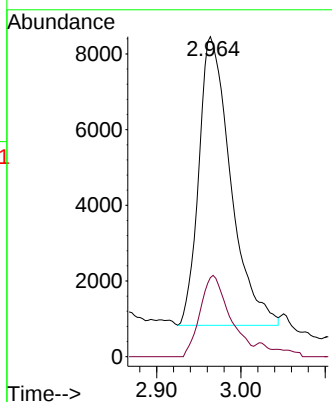
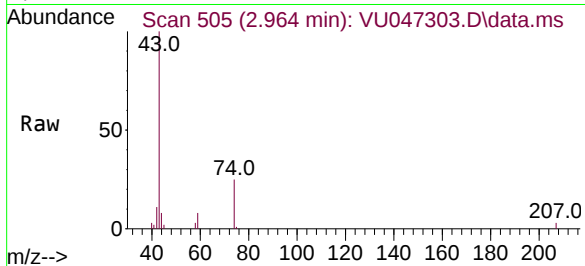




#15
Methyl Acetate
Concen: 4.781 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

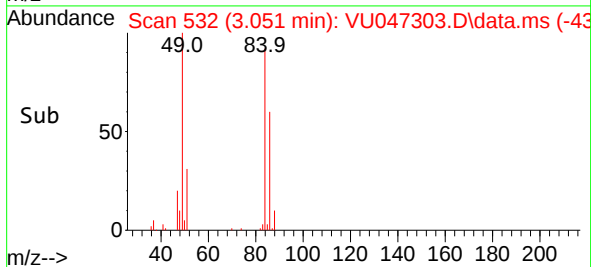
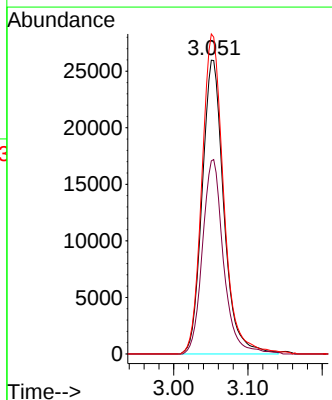
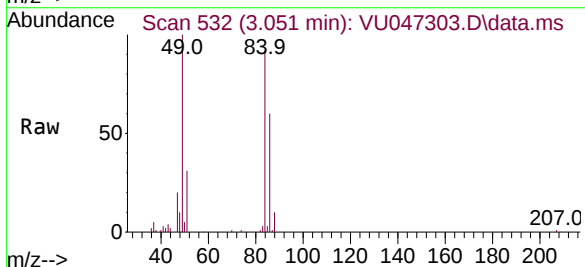
Instrument :
MSVOA_U
ClientSampleId :

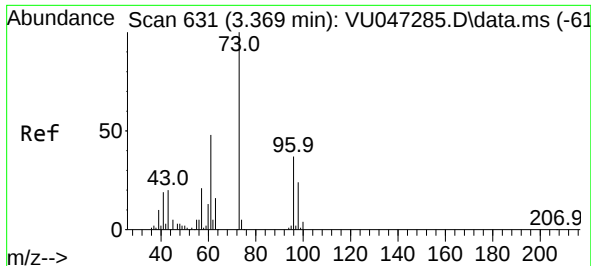
Tgt Ion: 43 Resp: 20069
Ion Ratio Lower Upper
43 100
74 26.3 19.1 28.7



#16
Methylene chloride
Concen: 5.348 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

Tgt Ion: 84 Resp: 52611
Ion Ratio Lower Upper
84 100
86 65.8 45.8 85.0
49 108.9 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.277 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

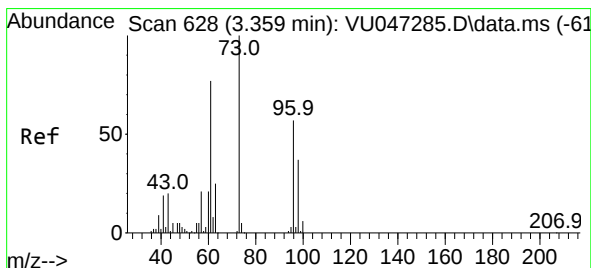
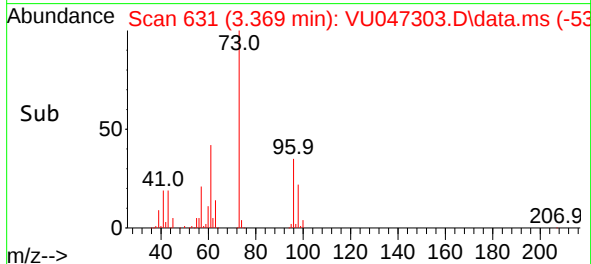
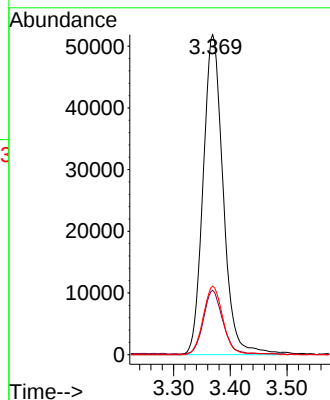
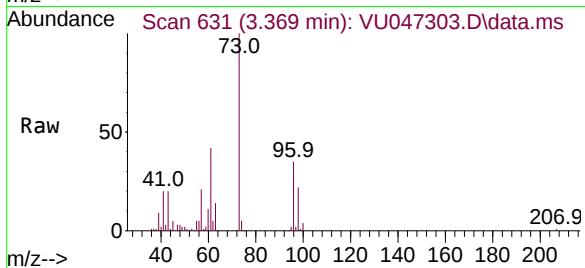
Tgt Ion: 73 Resp: 127342

Ion Ratio Lower Upper

73 100

43 18.9 14.8 22.2

57 20.9 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.765 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

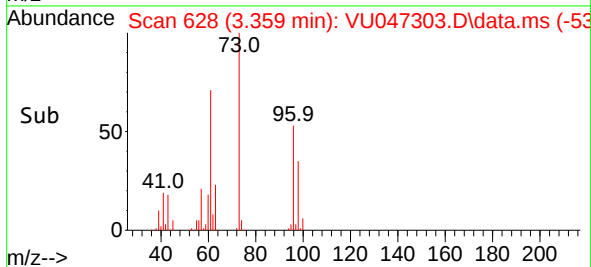
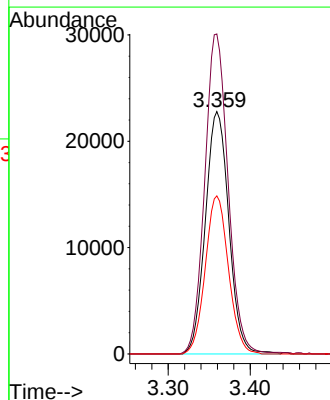
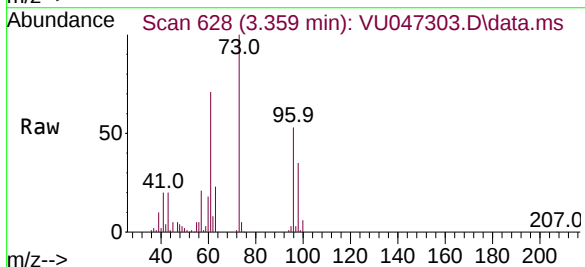
Tgt Ion: 96 Resp: 45469

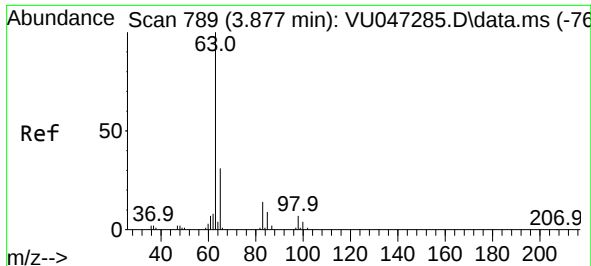
Ion Ratio Lower Upper

96 100

61 132.0 100.8 187.2

98 65.2 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.172 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

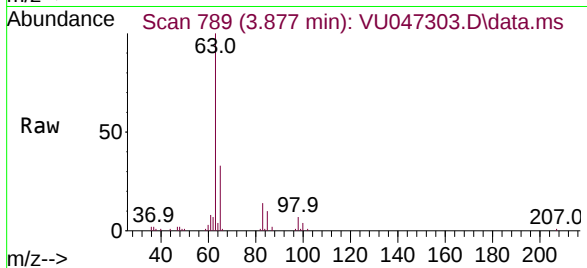
Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :



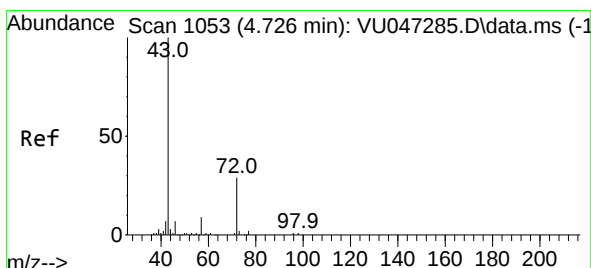
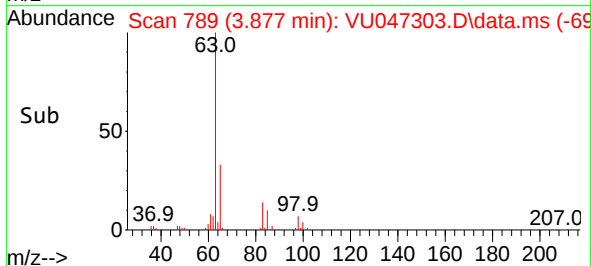
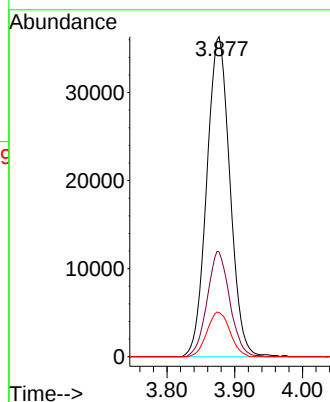
Tgt Ion: 63 Resp: 86276

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.5

83 13.8 9.6 17.8



#21

2-Butanone

Concen: 58.060 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VU047303.D

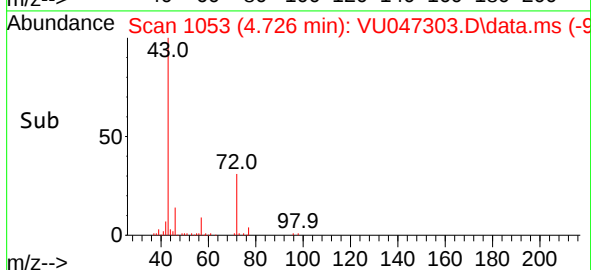
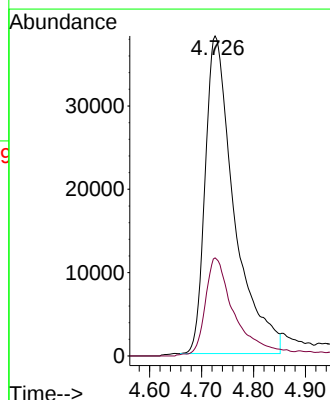
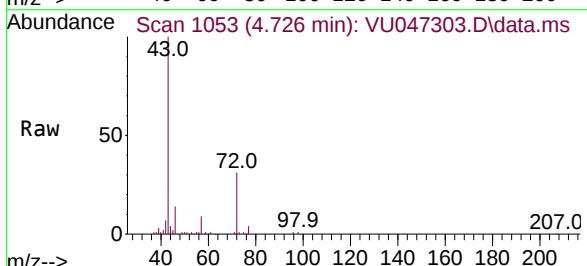
Acq: 02 Mar 2022 19:58

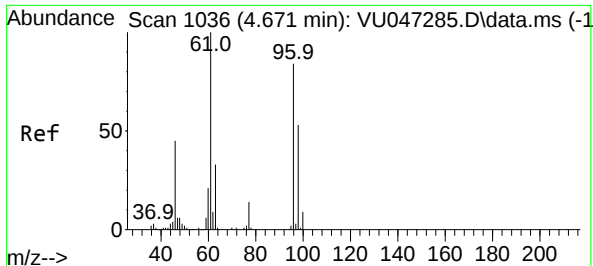
Tgt Ion: 43 Resp: 147857

Ion Ratio Lower Upper

43 100

72 31.6 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 5.204 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

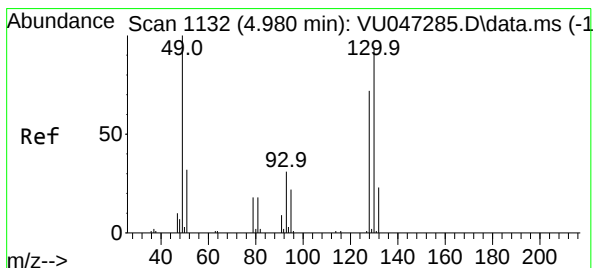
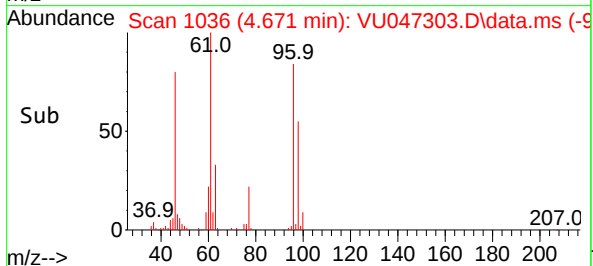
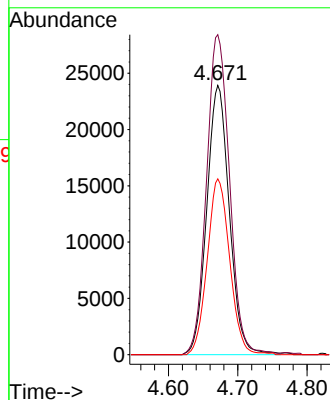
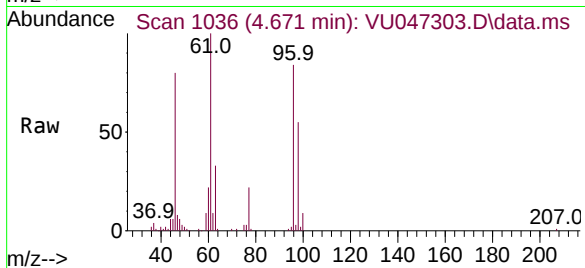
Tgt Ion: 96 Resp: 54049

Ion Ratio Lower Upper

96 100

61 118.8 88.5 164.3

98 65.3 44.4 82.5



#23

Bromochloromethane

Concen: 5.552 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

Tgt Ion: 128 Resp: 27034

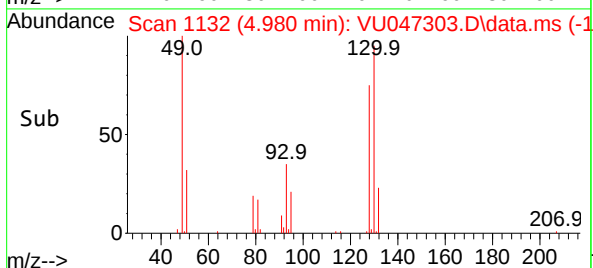
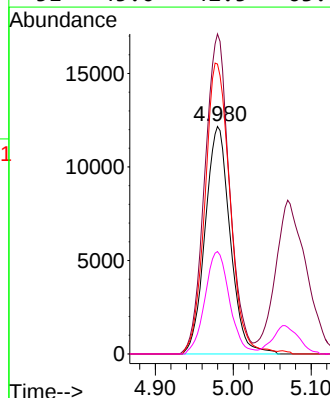
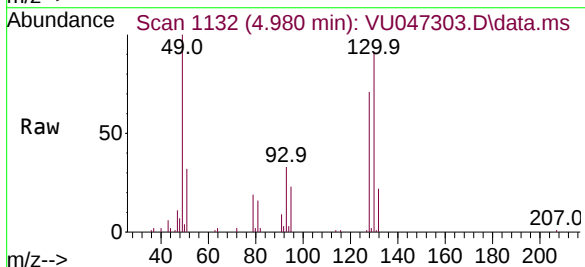
Ion Ratio Lower Upper

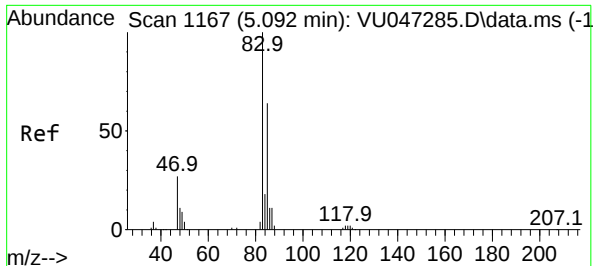
128 100

49 140.6 117.0 217.2

130 127.5 88.2 163.8

51 45.0 42.5 63.7





#25

Chloroform

Concen: 5.369 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

Instrument :

MSVOA_U

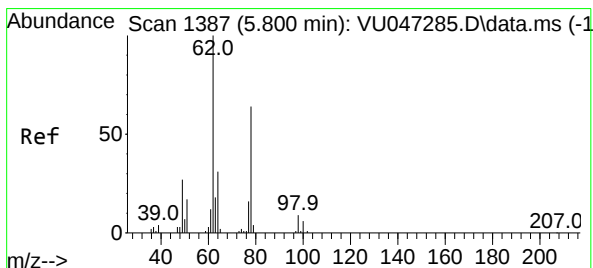
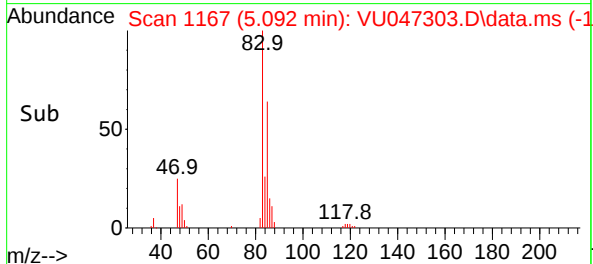
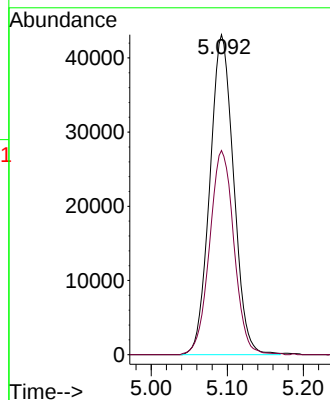
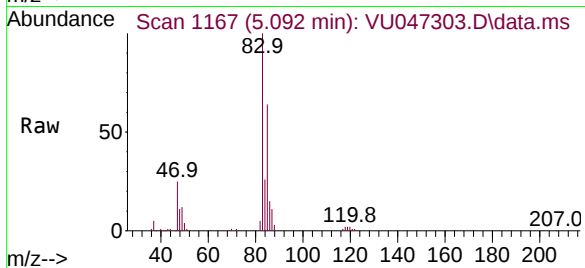
ClientSampleId :

Tgt Ion: 83 Resp: 93772

Ion Ratio Lower Upper

83 100

85 63.8 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.408 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047303.D

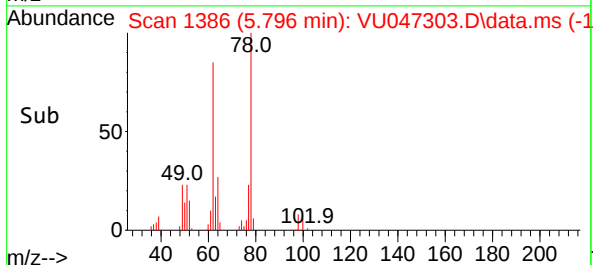
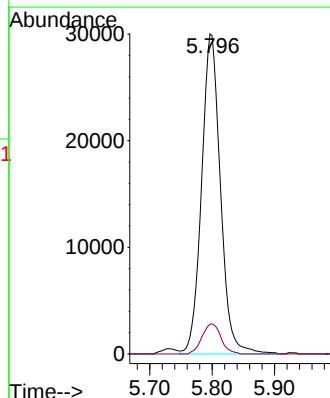
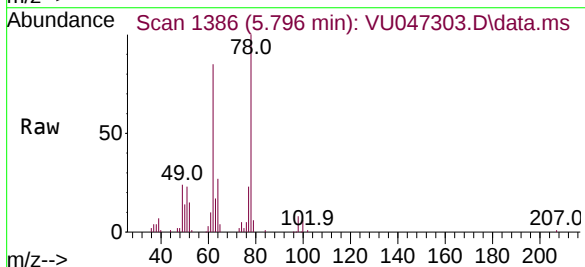
Acq: 02 Mar 2022 19:58

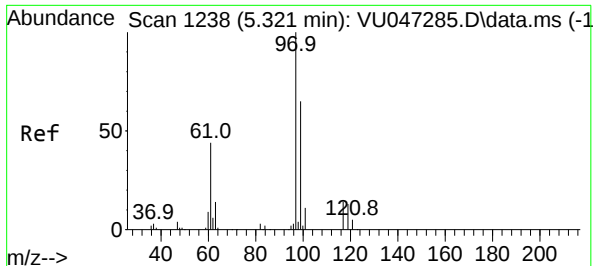
Tgt Ion: 62 Resp: 63143

Ion Ratio Lower Upper

62 100

98 9.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.201 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

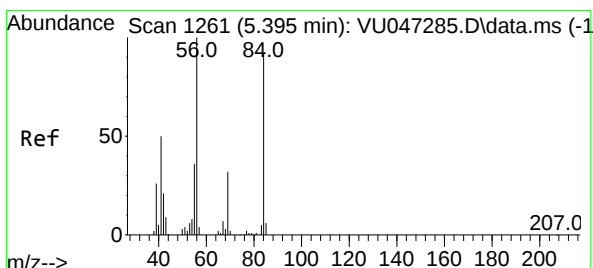
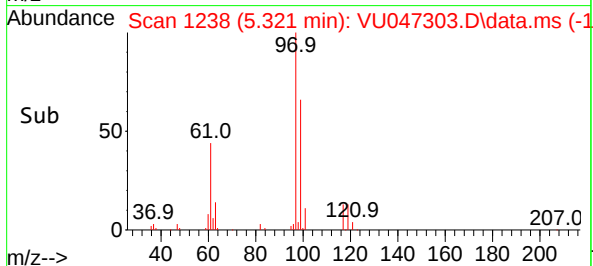
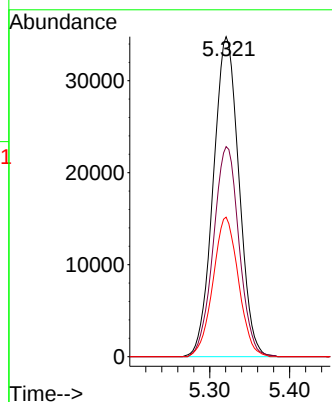
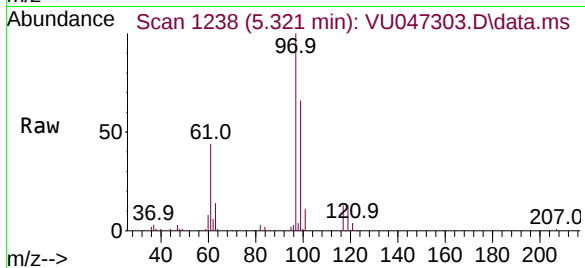
Tgt Ion: 97 Resp: 77573

Ion Ratio Lower Upper

97 100

99 65.6 51.3 76.9

61 43.2 36.1 54.1



#30

Cyclohexane

Concen: 3.974 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

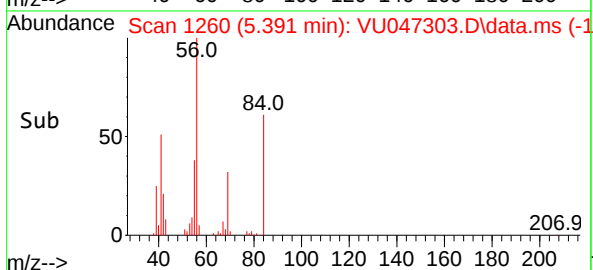
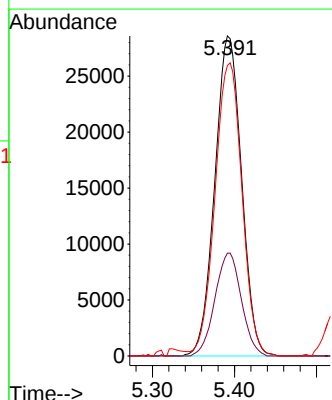
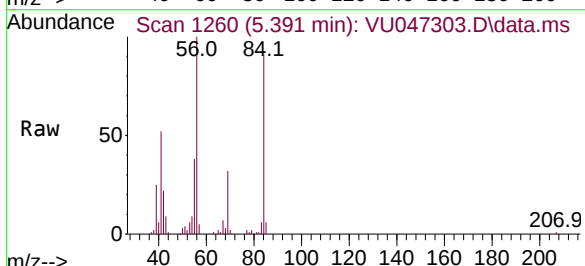
Tgt Ion: 56 Resp: 64691

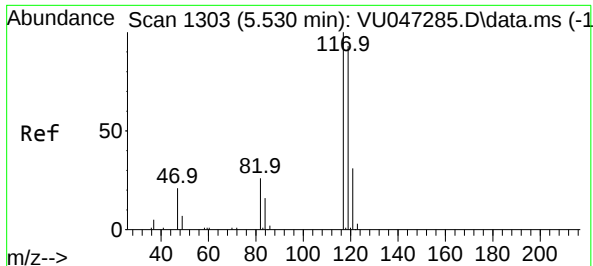
Ion Ratio Lower Upper

56 100

69 31.8 24.7 37.1

84 92.7 71.8 107.6

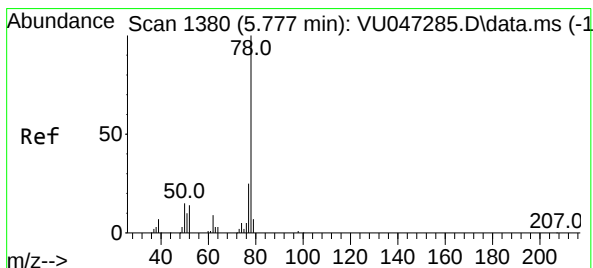
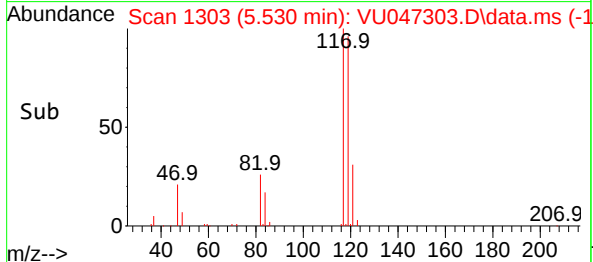
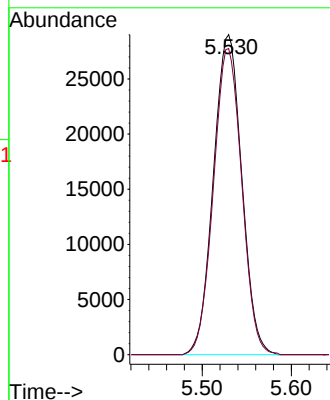
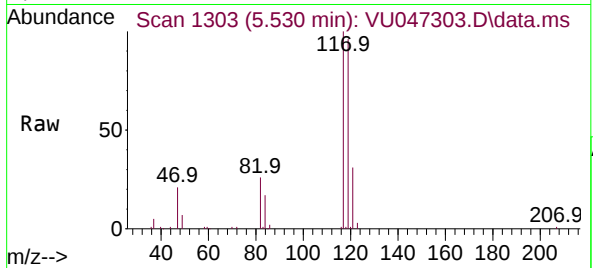




#31
Carbon tetrachloride
Concen: 4.942 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

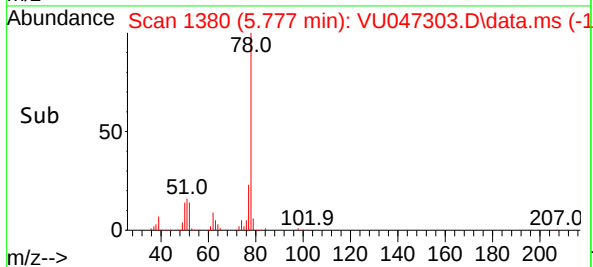
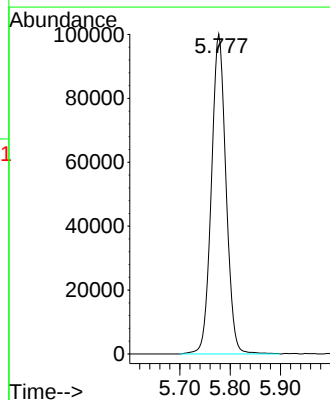
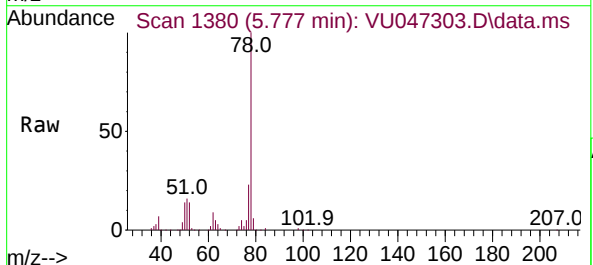
Instrument :
MSVOA_U
ClientSampleId :

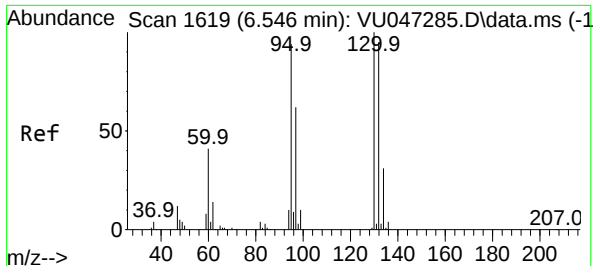
Tgt Ion:117 Resp: 64182
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3



#33
Benzene
Concen: 5.170 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

Tgt Ion: 78 Resp: 202333





#34

Trichloroethene

Concen: 4.766 ug/L

RT: 6.546 min Scan# 1

Delta R.T. -0.000 min

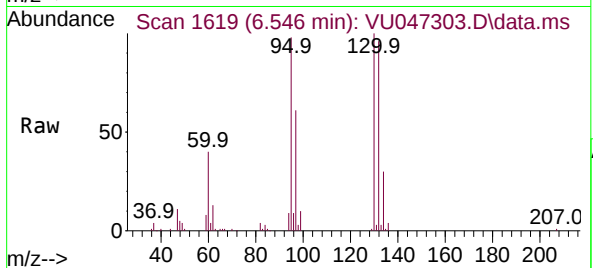
Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 49752

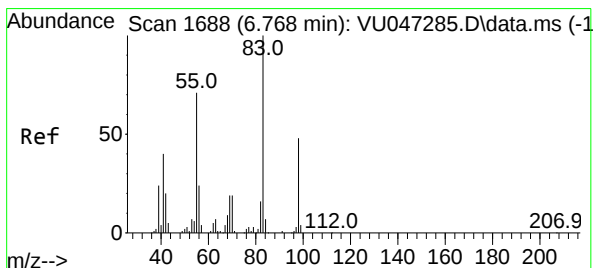
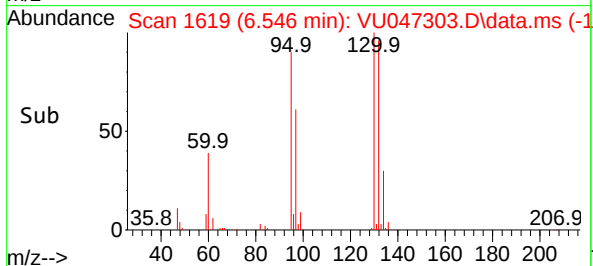
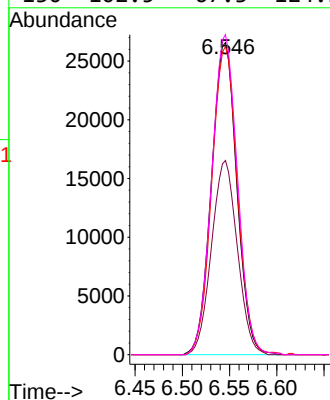
Ion Ratio Lower Upper

95 100

97 62.2 46.5 86.5

132 98.7 65.1 120.9

130 102.5 67.3 124.9



#35

Methylcyclohexane

Concen: 3.456 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

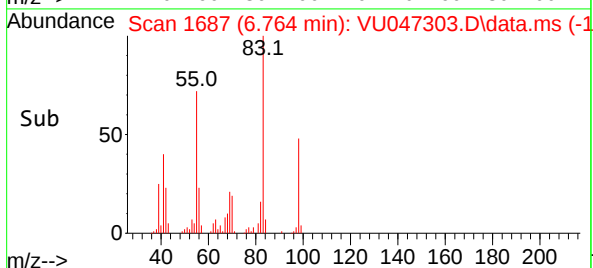
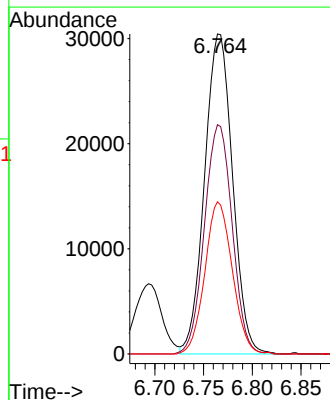
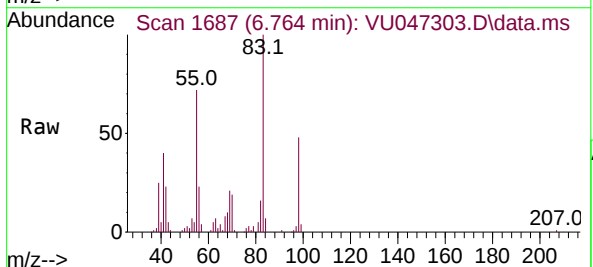
Tgt Ion: 83 Resp: 60884

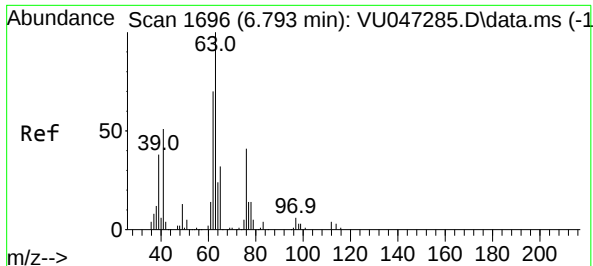
Ion Ratio Lower Upper

83 100

55 71.0 61.9 92.9

98 46.6 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.088 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

Instrument :

MSVOA_U

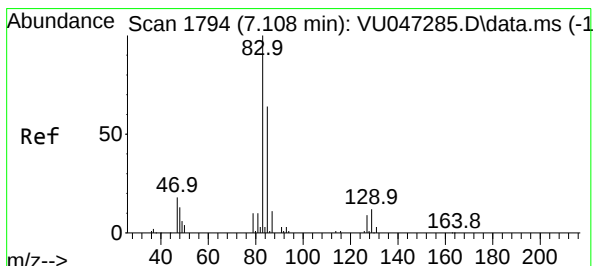
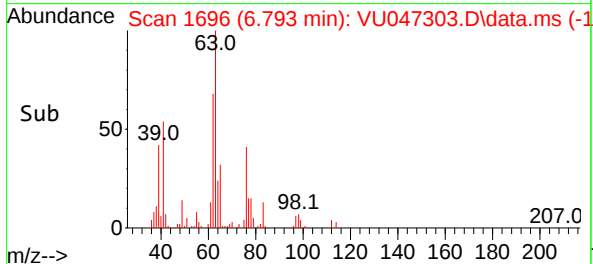
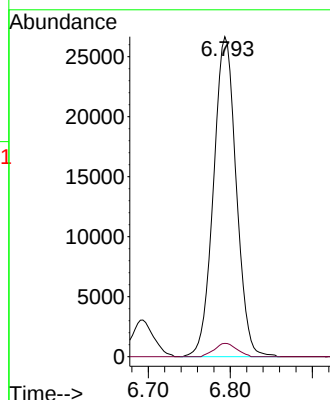
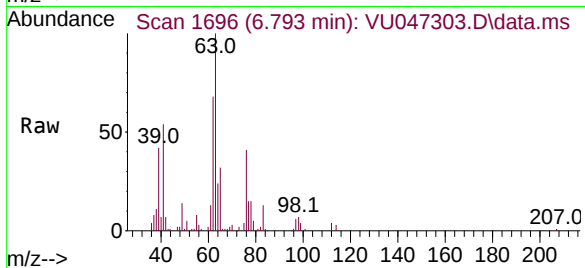
ClientSampleId :

Tgt Ion: 63 Resp: 51475

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 5.239 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

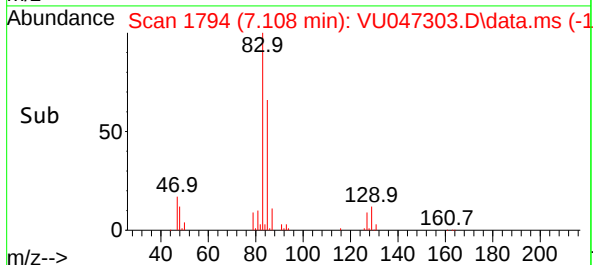
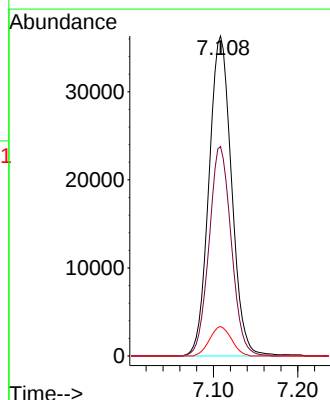
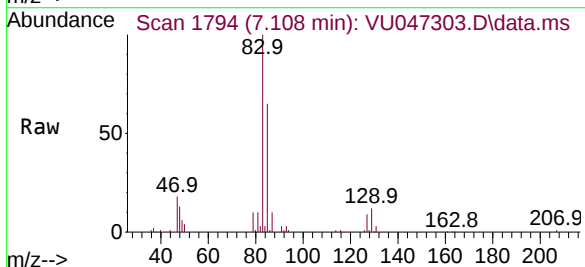
Tgt Ion: 83 Resp: 67717

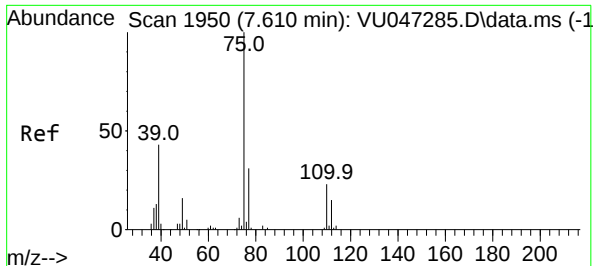
Ion Ratio Lower Upper

83 100

85 65.5 44.0 81.8

127 9.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.877 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

Instrument :

MSVOA_U

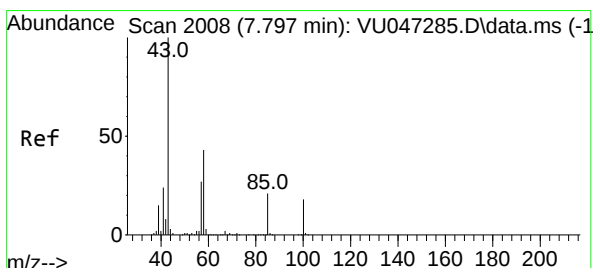
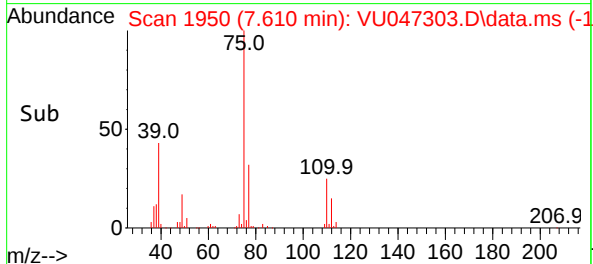
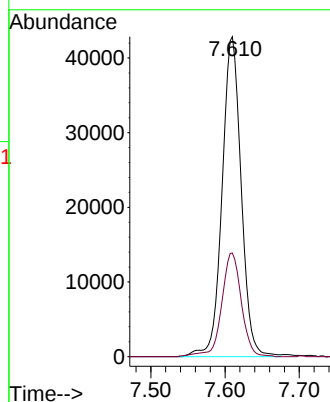
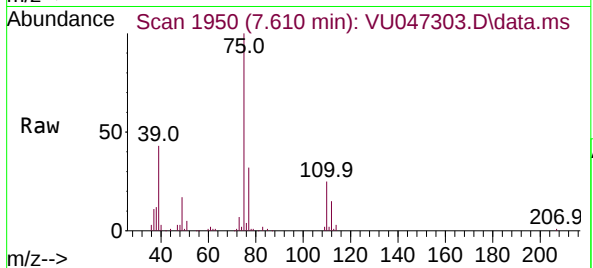
ClientSampleId :

Tgt Ion: 75 Resp: 76733

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 51.498 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

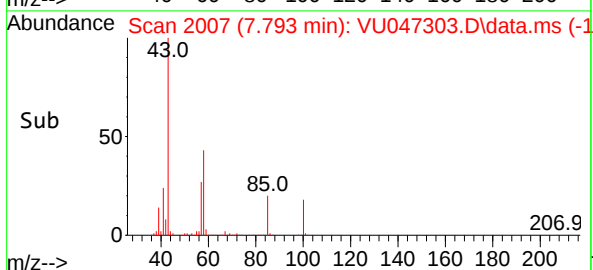
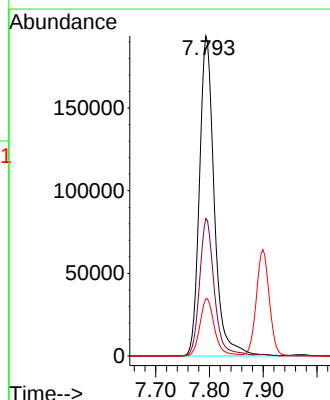
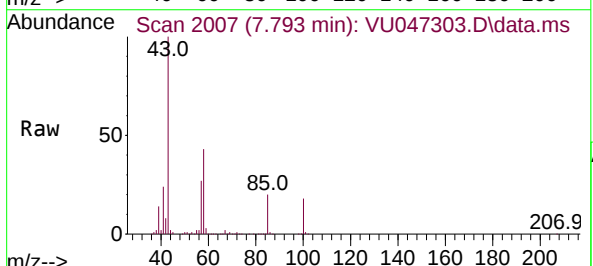
Tgt Ion: 43 Resp: 371759

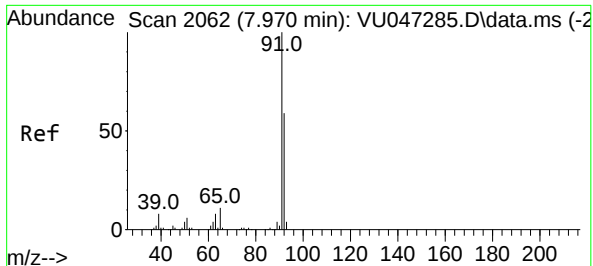
Ion Ratio Lower Upper

43 100

58 42.6 33.1 49.7

100 17.7 13.2 19.8





#42

Toluene

Concen: 4.822 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

Instrument :

MSVOA_U

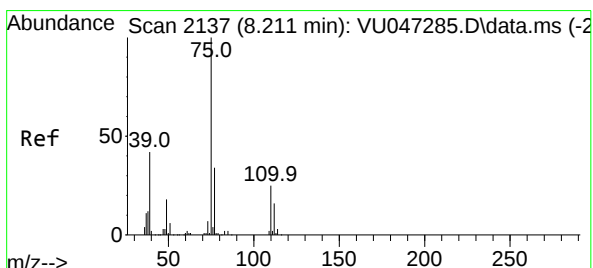
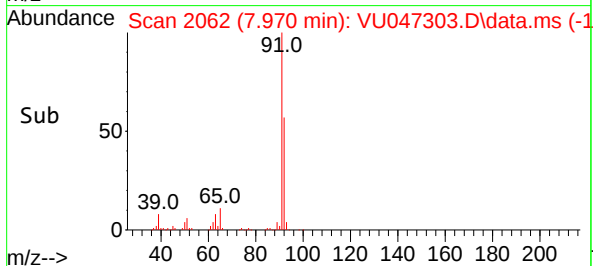
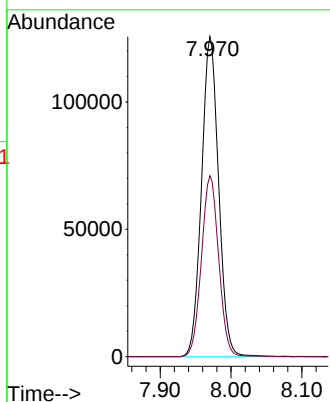
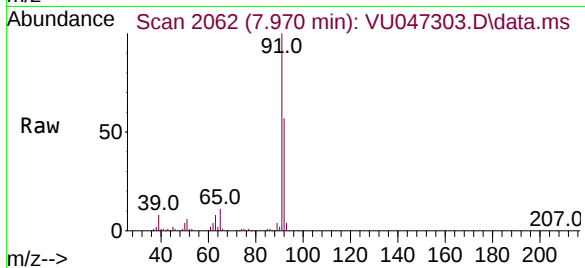
ClientSampleId :

Tgt Ion: 91 Resp: 210058

Ion Ratio Lower Upper

91 100

92 56.5 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.876 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047303.D

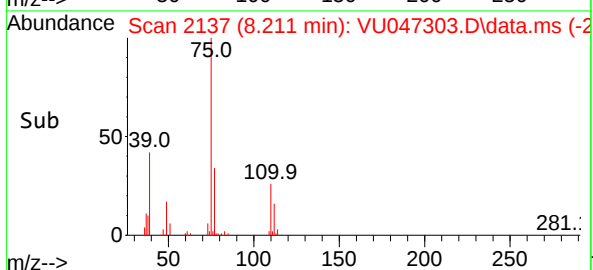
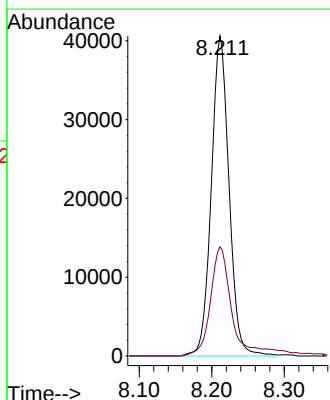
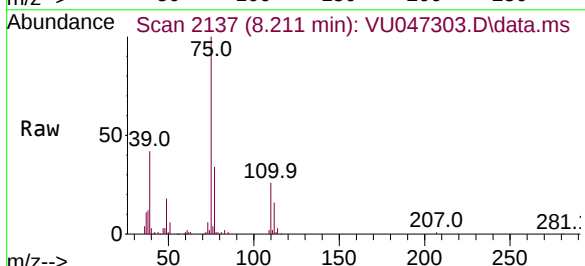
Acq: 02 Mar 2022 19:58

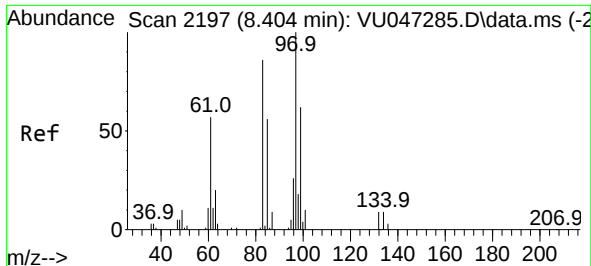
Tgt Ion: 75 Resp: 69108

Ion Ratio Lower Upper

75 100

77 34.1 22.7 42.3



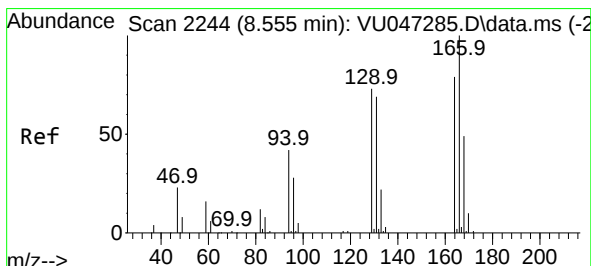
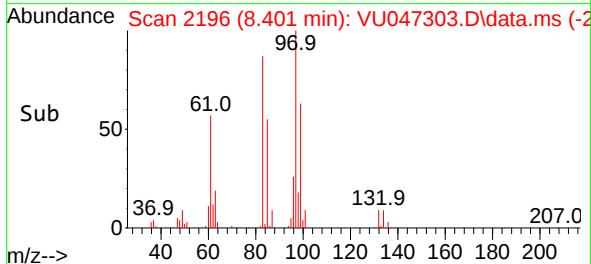
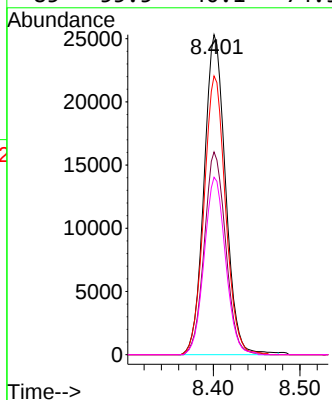
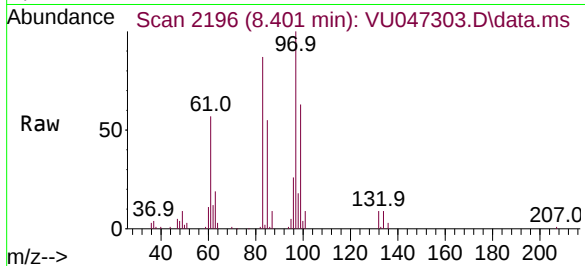


#45
1,1,2-Trichloroethane
Concen: 5.550 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 43602

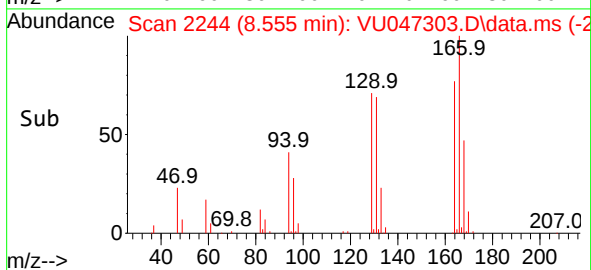
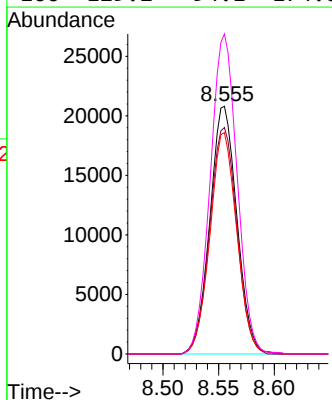
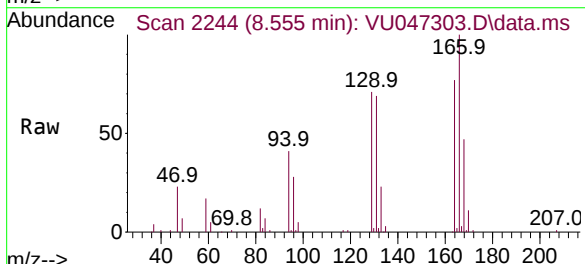
Ion	Ratio	Lower	Upper
97	100		
99	63.4	42.3	78.5
83	87.1	62.0	115.2
85	55.5	40.1	74.5

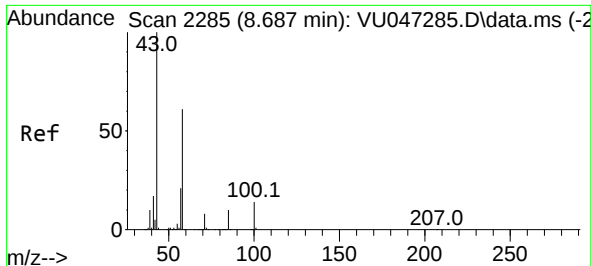


#47
Tetrachloroethene
Concen: 4.144 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

Tgt Ion: 164 Resp: 35107

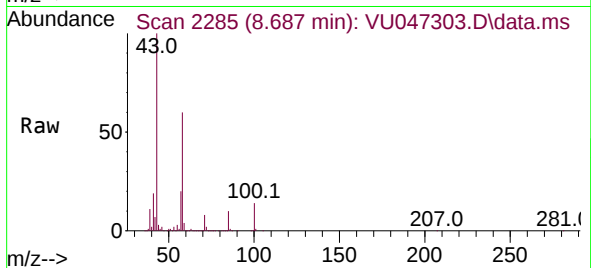
Ion	Ratio	Lower	Upper
164	100		
129	91.4	71.8	133.4
131	89.3	68.5	127.3
166	129.2	94.1	174.8



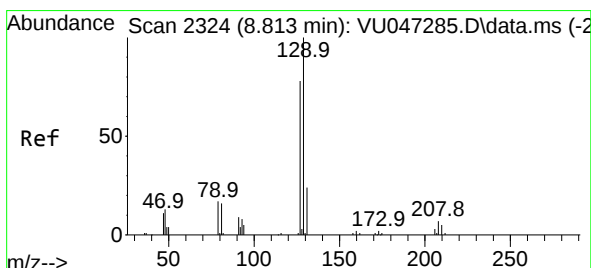
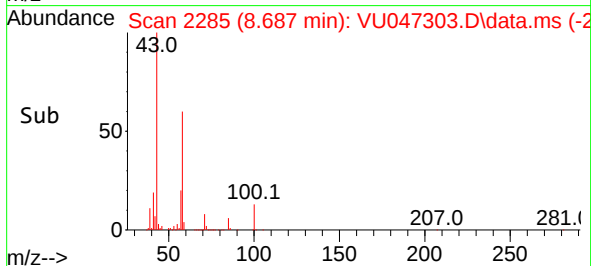
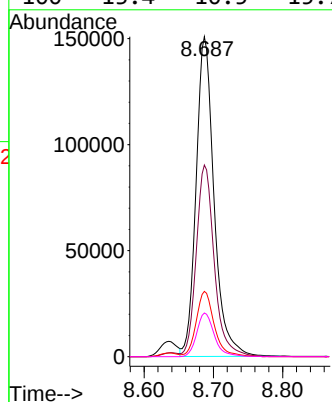


#48
2-Hexanone
Concen: 50.761 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

Instrument :
MSVOA_U
ClientSampleId :

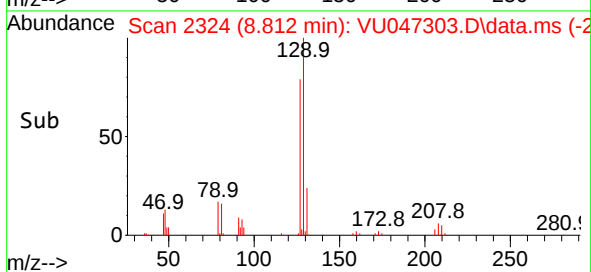
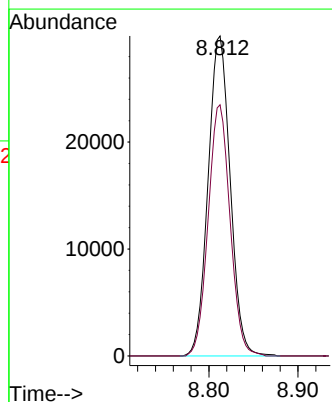
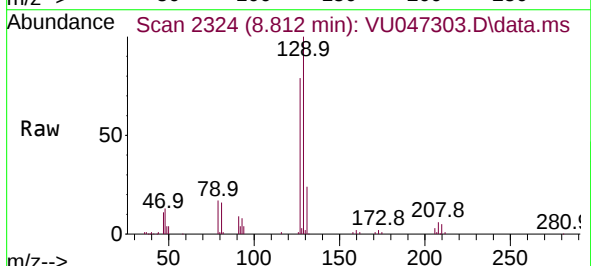


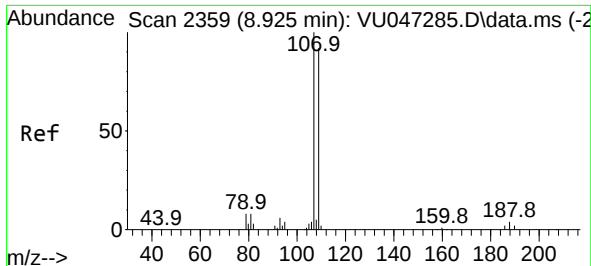
Tgt Ion:	43	Resp:	272448
Ion	Ratio	Lower	Upper
43	100		
58	59.8	46.7	70.1
57	20.6	16.3	24.5
100	13.4	10.5	15.7



#49
Dibromochloromethane
Concen: 5.447 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

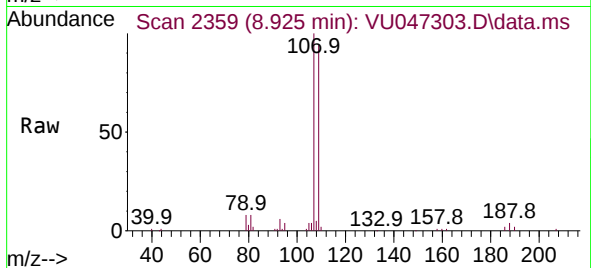
Tgt Ion:	129	Resp:	51550
Ion	Ratio	Lower	Upper
129	100		
127	78.5	55.4	102.8



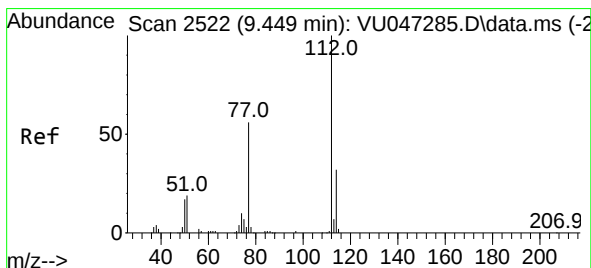
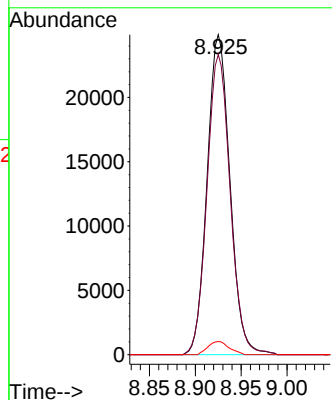
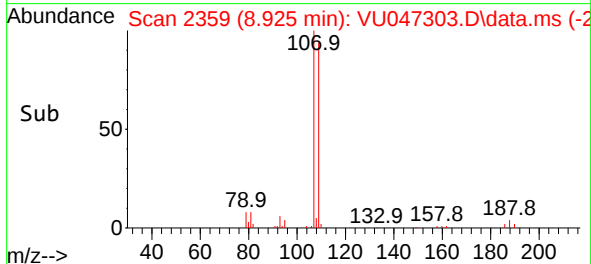


#50
1,2-Dibromoethane
Concen: 5.440 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

Instrument :
MSVOA_U
ClientSampleId :

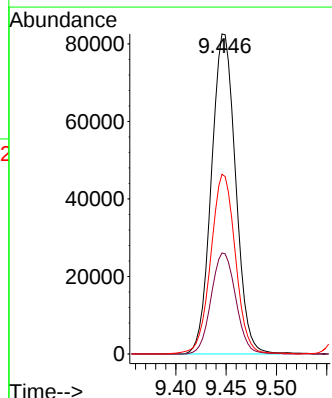
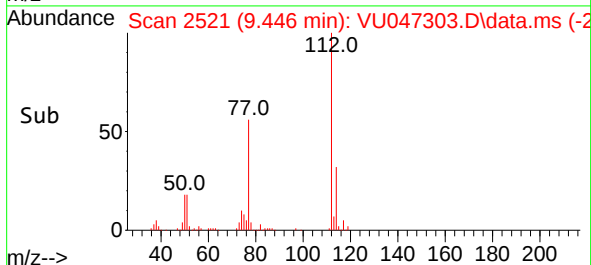
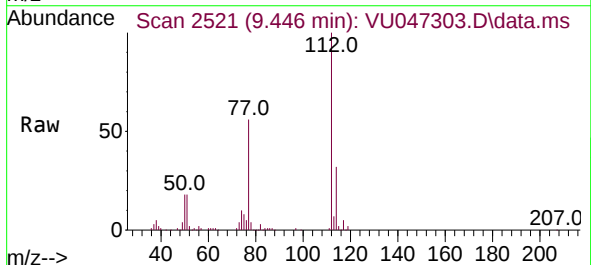


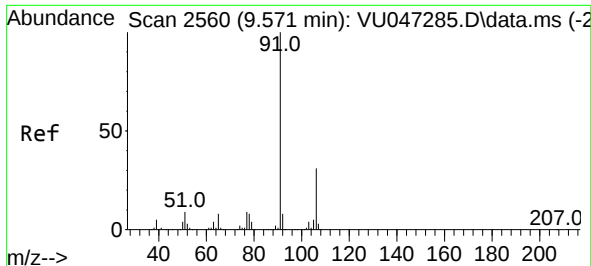
Tgt Ion:107 Resp: 43107
Ion Ratio Lower Upper
107 100
109 93.8 64.0 119.0
188 4.1 2.4 3.6#



#51
Chlorobenzene
Concen: 4.914 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

Tgt Ion:112 Resp: 138214
Ion Ratio Lower Upper
112 100
114 31.5 22.1 41.1
77 56.1 48.3 72.5

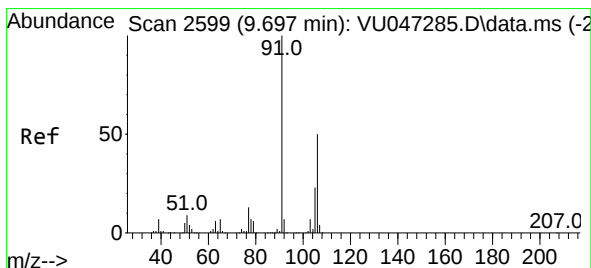
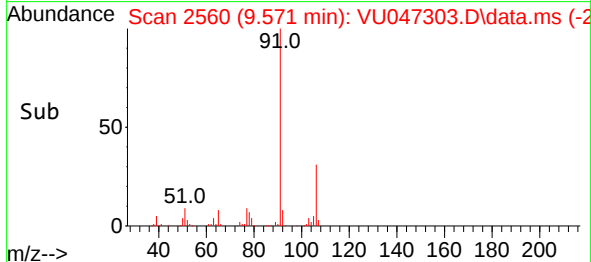
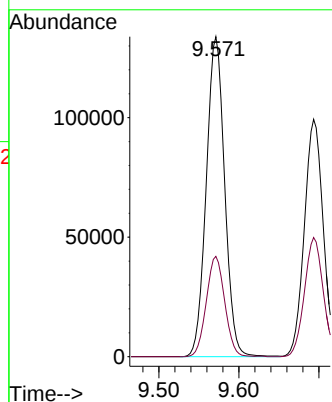
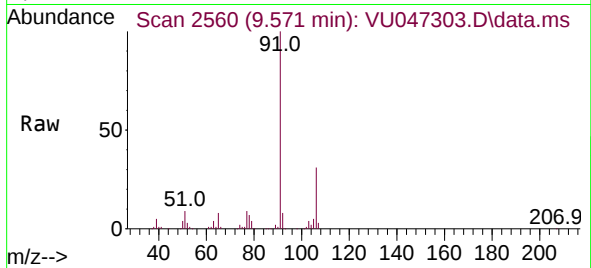




#52
Ethylbenzene
Concen: 4.489 ug/L
RT: 9.571 min Scan# 214307
Delta R.T. -0.000 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

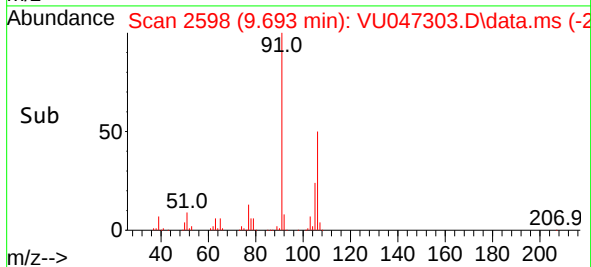
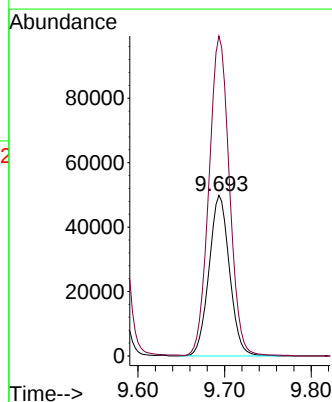
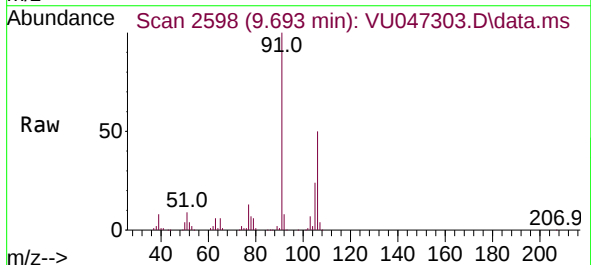
Instrument :
MSVOA_U
ClientSampleId :

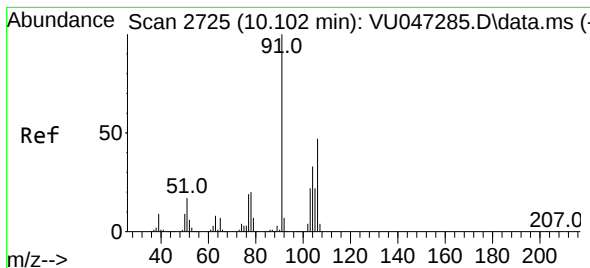
Tgt Ion: 91 Resp: 214307
Ion Ratio Lower Upper
91 100
106 31.4 21.5 39.9



#53
m,p-Xylene
Concen: 4.369 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

Tgt Ion: 106 Resp: 81894
Ion Ratio Lower Upper
106 100
91 199.3 139.4 259.0





#54

o-Xylene

Concen: 4.631 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

Instrument :

MSVOA_U

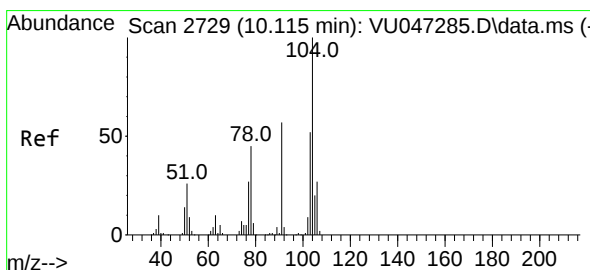
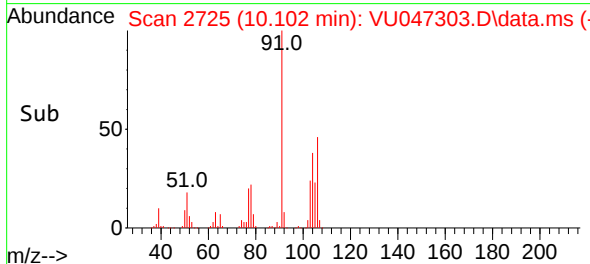
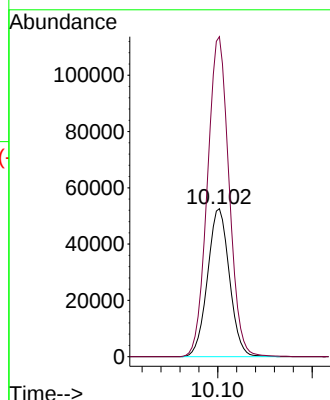
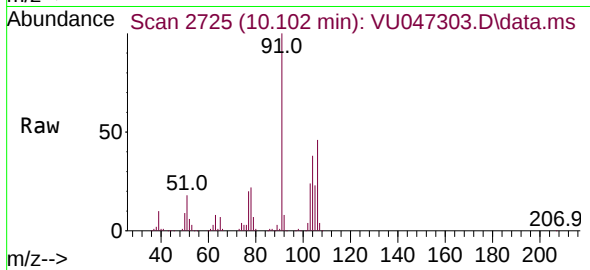
ClientSampleId :

Tgt Ion:106 Resp: 84533

Ion Ratio Lower Upper

106 100

91 216.3 147.5 273.9



#55

Styrene

Concen: 4.771 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU047303.D

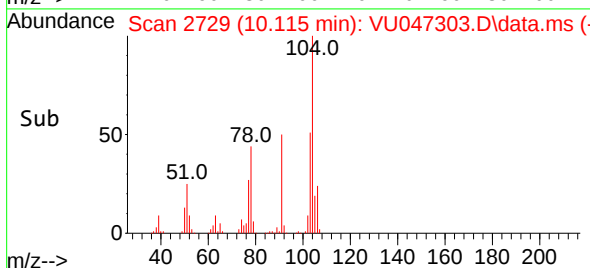
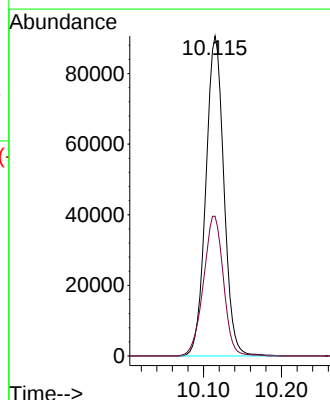
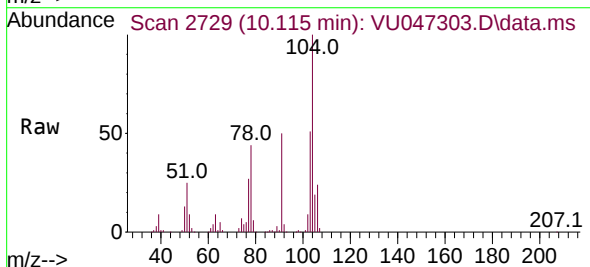
Acq: 02 Mar 2022 19:58

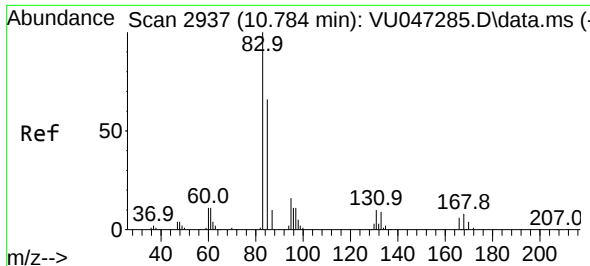
Tgt Ion:104 Resp: 145703

Ion Ratio Lower Upper

104 100

78 43.6 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.656 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047303.D

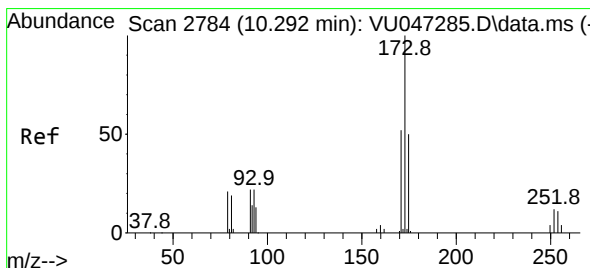
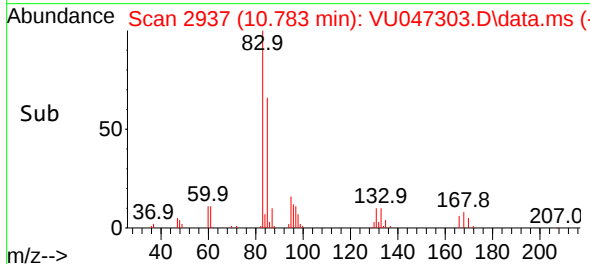
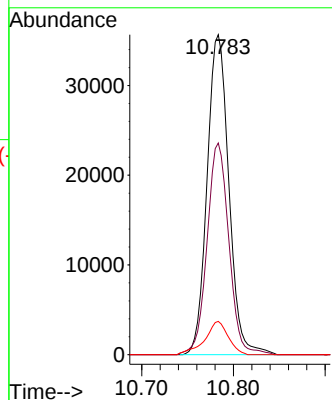
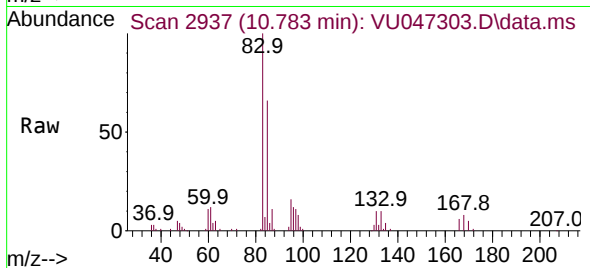
Acq: 02 Mar 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	58808
Ion Ratio	Lower	Upper	
83	100		
85	66.2	47.9	89.1
131	10.4	8.1	12.1



#59

Bromoform

Concen: 5.420 ug/L

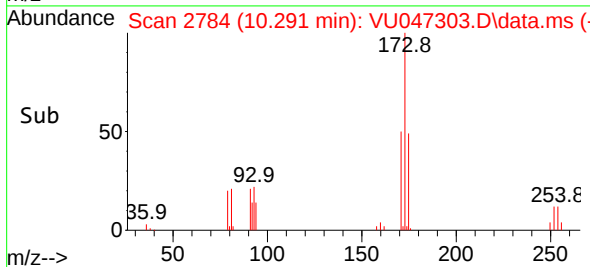
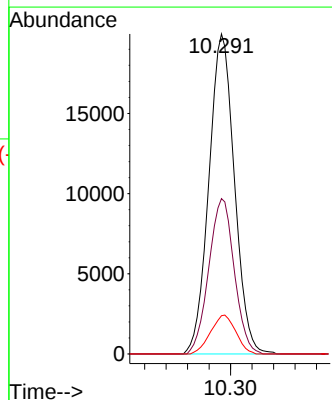
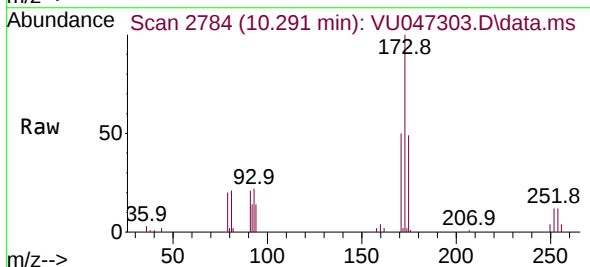
RT: 10.291 min Scan# 2784

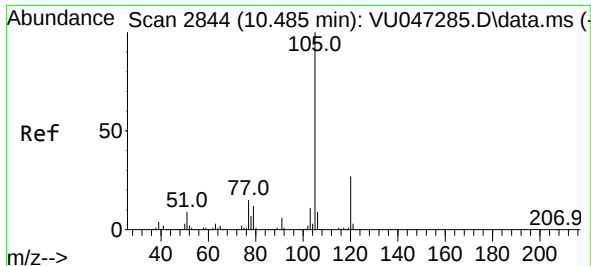
Delta R.T. -0.000 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

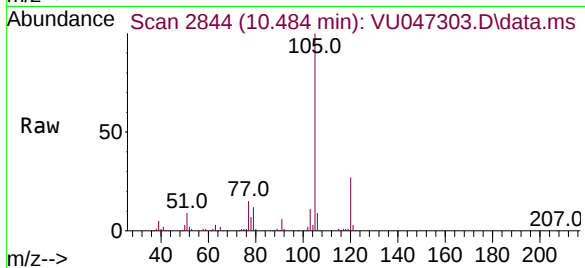
Tgt Ion:	173	Resp:	32907
Ion Ratio	Lower	Upper	
173	100		
175	48.3	37.8	56.6
254	12.0	7.3	10.9



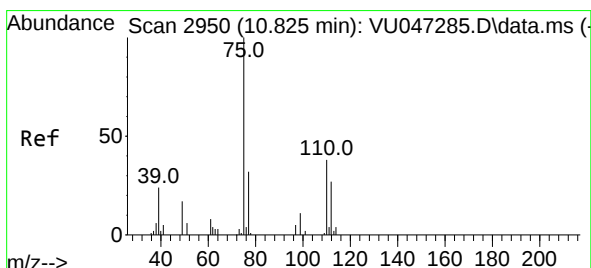
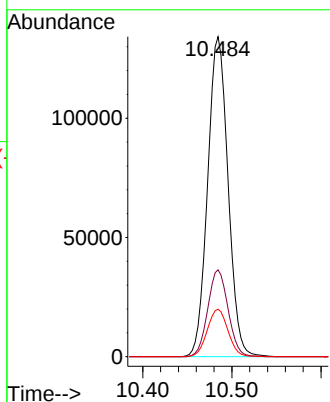
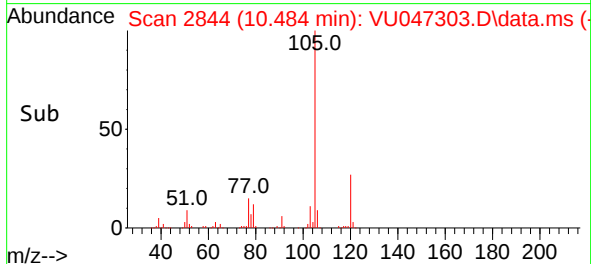


#60
Isopropylbenzene
Concen: 4.358 ug/L
RT: 10.484 min Scan# 213178
Delta R.T. -0.000 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

Instrument :
MSVOA_U
ClientSampleId :

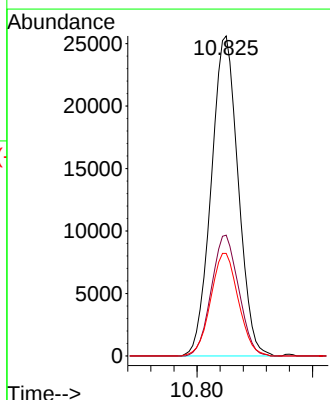
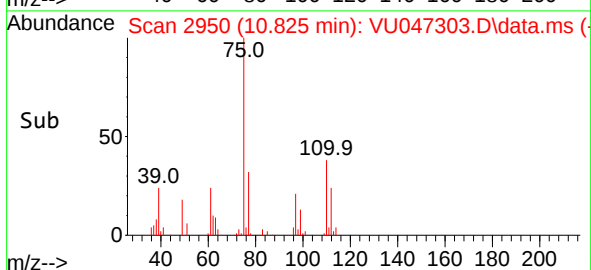
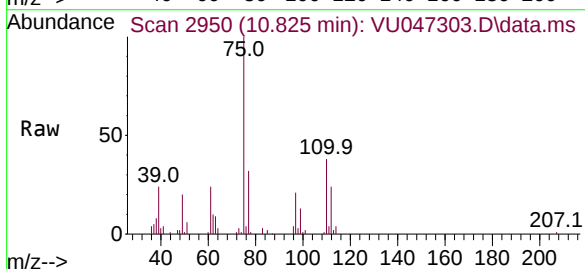


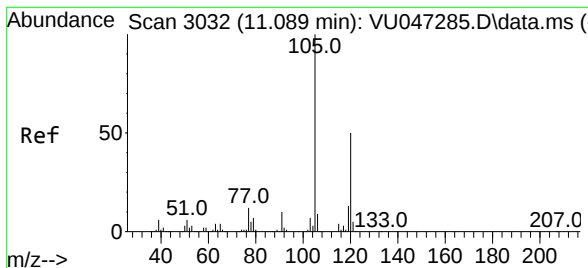
Tgt Ion:105 Resp: 213178
Ion Ratio Lower Upper
105 100
120 27.0 20.7 31.1
77 15.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.206 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

Tgt Ion: 75 Resp: 41440
Ion Ratio Lower Upper
75 100
110 38.1 29.9 44.9
77 33.0 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 4.142 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047303.D

Acq: 02 Mar 2022 19:58

Instrument :

MSVOA_U

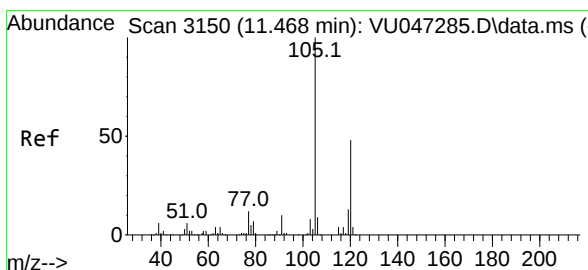
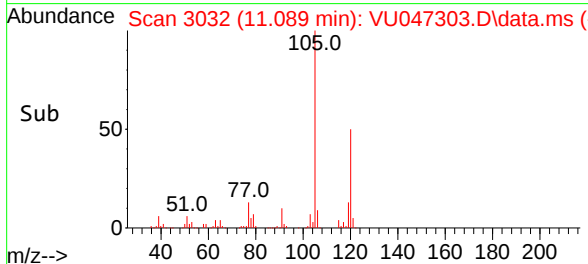
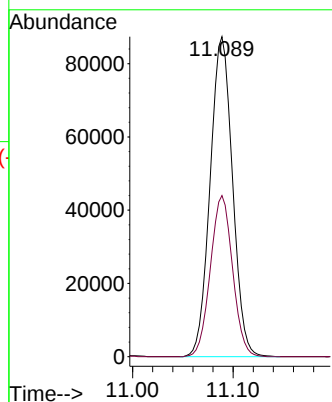
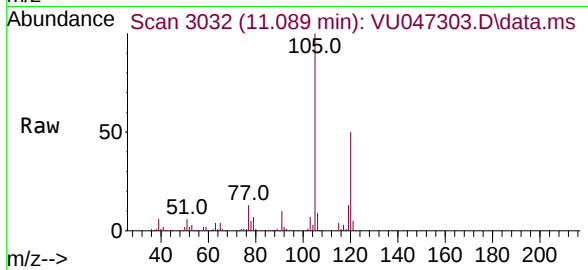
ClientSampleId :

Tgt Ion:105 Resp: 135255

Ion Ratio Lower Upper

105 100

120 49.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 4.190 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047303.D

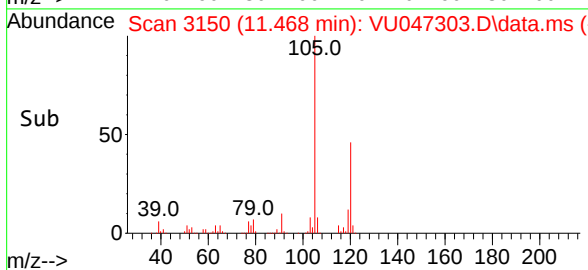
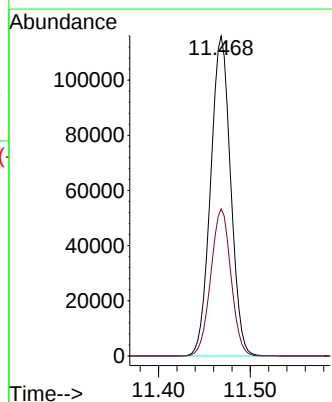
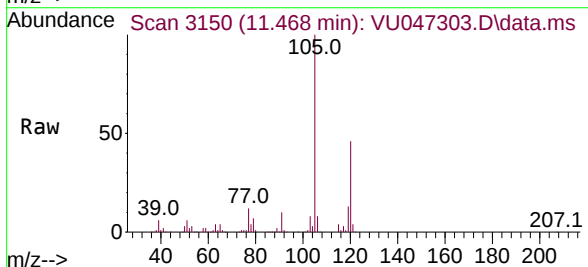
Acq: 02 Mar 2022 19:58

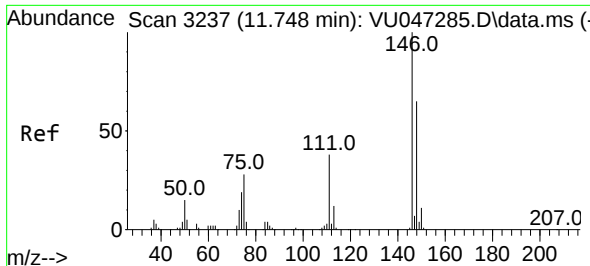
Tgt Ion:105 Resp: 176159

Ion Ratio Lower Upper

105 100

120 46.2 35.8 53.8

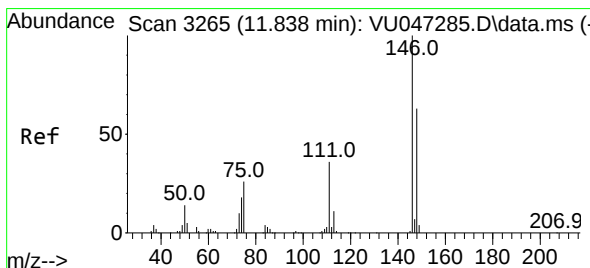
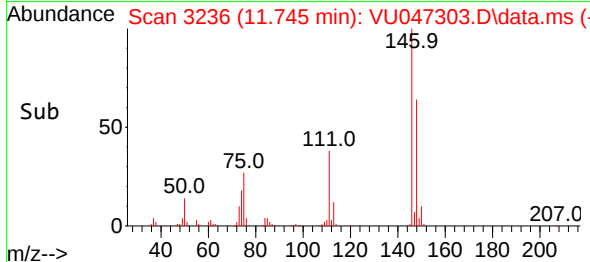
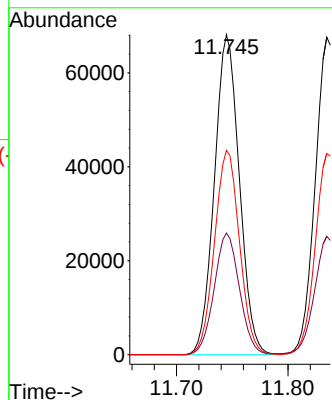
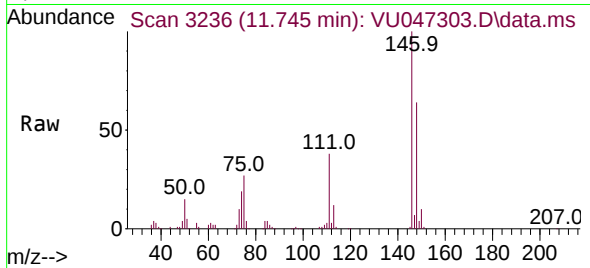




#64
1,3-Dichlorobenzene
Concen: 4.497 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

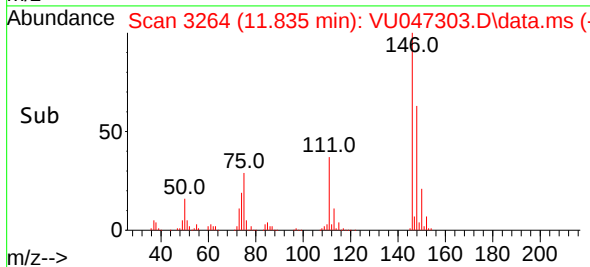
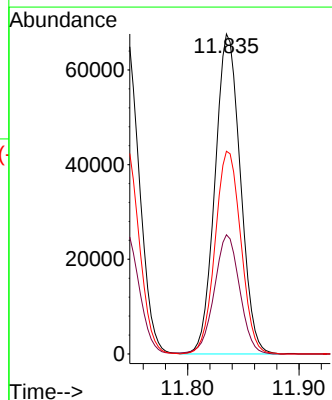
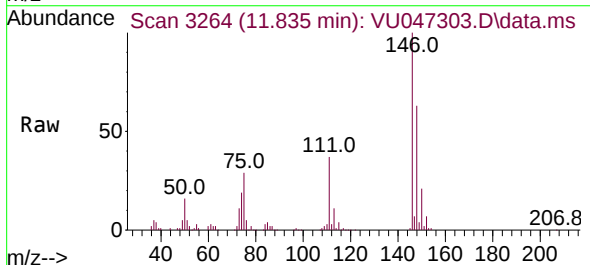
Instrument :
MSVOA_U
ClientSampleId :

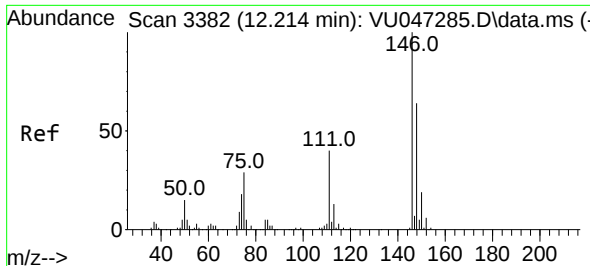
Tgt Ion:146 Resp: 106078
Ion Ratio Lower Upper
146 100
111 38.0 29.9 55.5
148 63.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.489 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

Tgt Ion:146 Resp: 107137
Ion Ratio Lower Upper
146 100
111 37.3 28.7 53.3
148 63.3 45.8 85.0

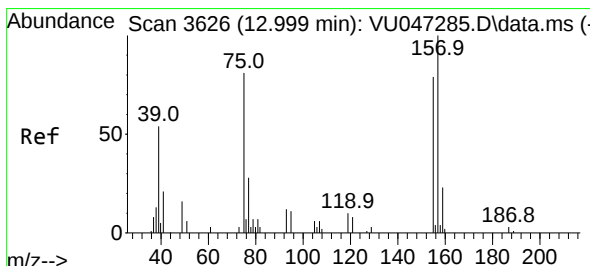
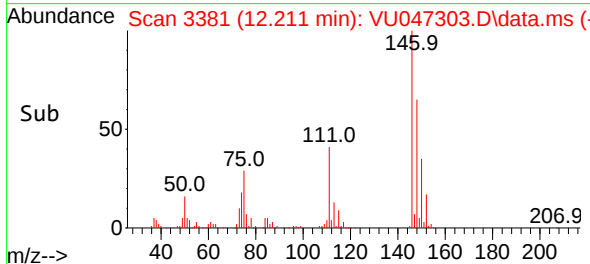
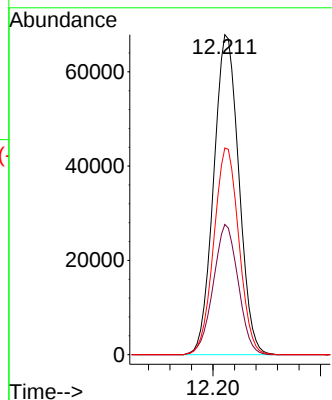
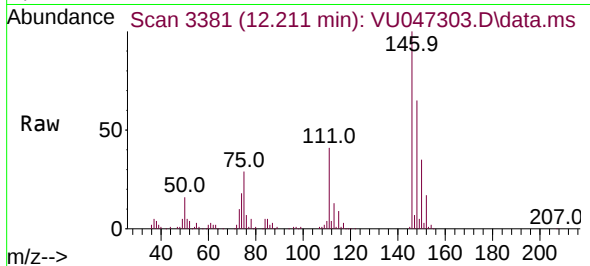




#67
1,2-Dichlorobenzene
Concen: 4.913 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

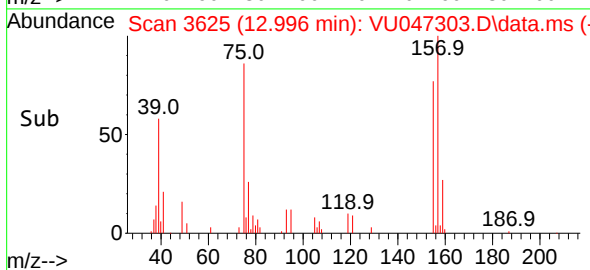
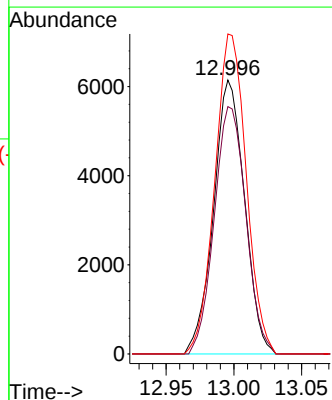
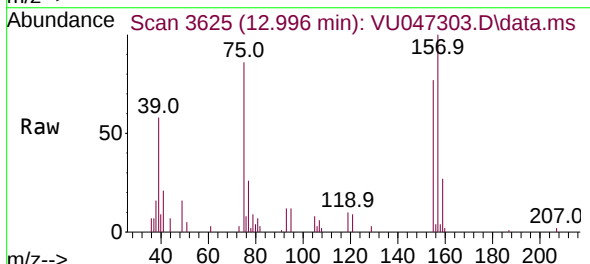
Instrument :
MSVOA_U
ClientSampleId :

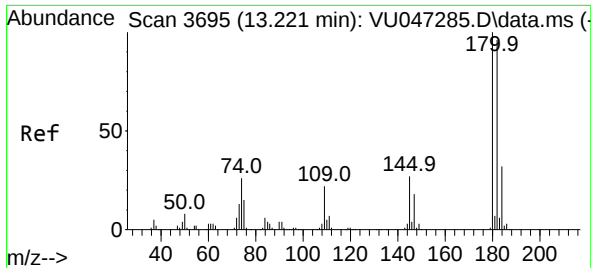
Tgt Ion:146 Resp: 110392
Ion Ratio Lower Upper
146 100
111 40.7 35.4 53.0
148 64.6 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.309 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

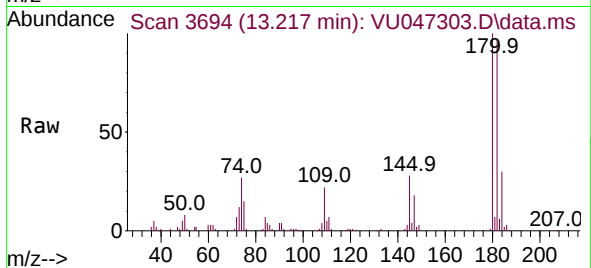
Tgt Ion: 75 Resp: 9762
Ion Ratio Lower Upper
75 100
155 90.3 59.2 88.8#
157 116.8 76.5 114.7#



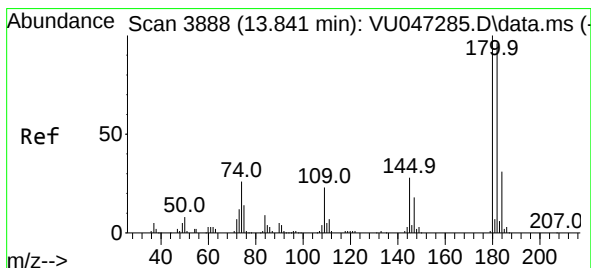
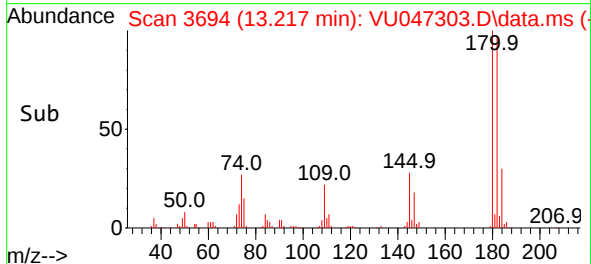
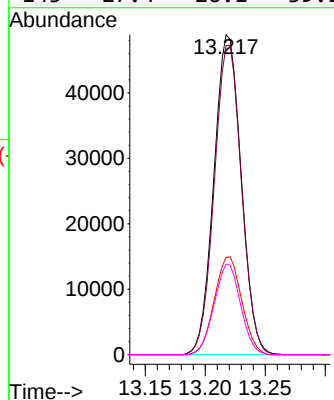


#69
 1,3,5-Trichlorobenzene
 Concen: 3.960 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU047303.D
 Acq: 02 Mar 2022 19:58

Instrument :
 MSVOA_U
 ClientSampleId :

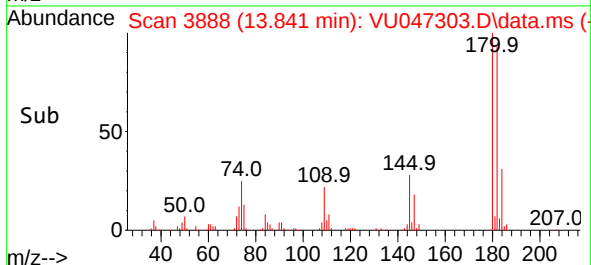
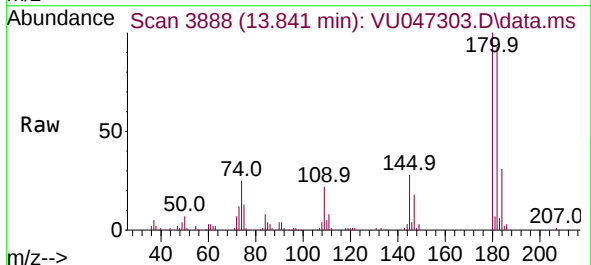
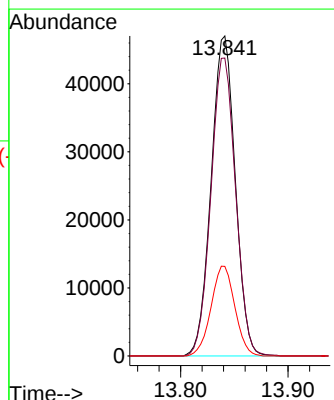


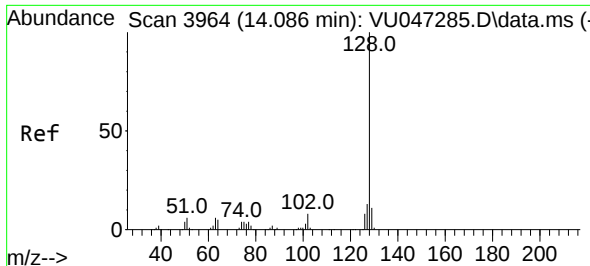
Tgt Ion:180 Resp: 77189
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.1 114.1
 184 30.7 25.0 37.4
 145 27.4 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.042 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047303.D
 Acq: 02 Mar 2022 19:58

Tgt Ion:180 Resp: 73337
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.4 114.6
 145 27.7 25.6 38.4

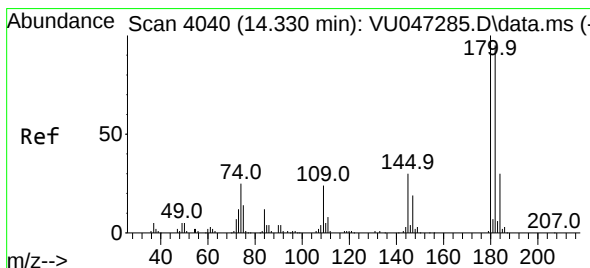
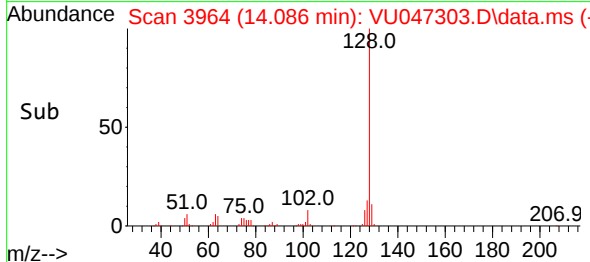
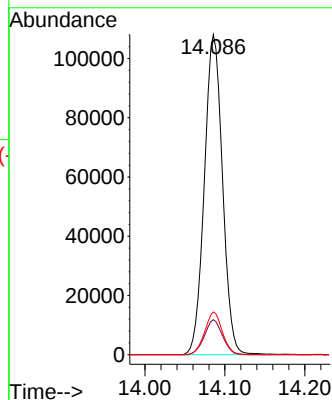
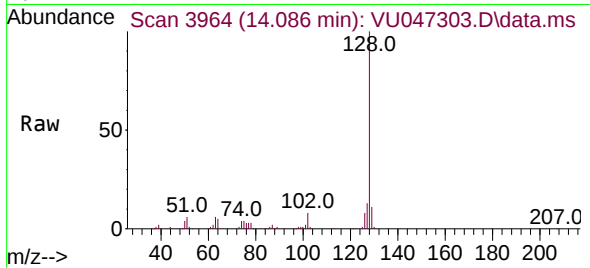




#71
Naphthalene
Concen: 4.565 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 170942
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.425 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047303.D
Acq: 02 Mar 2022 19:58

Tgt Ion:180 Resp: 75507
Ion Ratio Lower Upper
180 100
182 94.3 76.2 114.4
145 29.5 28.4 42.6

