

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031722\
 Data File : VU047601.D
 Acq On : 17 Mar 2022 10:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 18 01:23:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 00:50:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	132894	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	132411	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74493	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59579	6.855	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	137.200%#
7) Chloroethane-d5	1.919	69	43279	5.487	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.800%
11) 1,1-Dichloroethene-d2	2.572	65	23634	5.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.000%
20) 2-Butanone-d5	4.645	46	122527	48.997	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.000%
24) Chloroform-d	5.070	84	94722	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.706	65	50632	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.732	84	189750	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.694	67	57946	4.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.903	98	186134	5.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	8.182	79	26281	5.157	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.639	63	121487	45.989	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	55505	4.585	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	77241	4.962	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	41754	5.107	ug/L	100
3) Chloromethane	1.523	50	39910	4.977	ug/L	100
5) Vinyl chloride	1.607	62	41799	5.055	ug/L	99
6) Bromomethane	1.864	94	20565	5.286	ug/L	96
8) Chloroethane	1.938	64	25713	5.145	ug/L	96
9) Trichlorofluoromethane	2.144	101	62045	5.723	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37816	5.525	ug/L	98
12) 1,1-Dichloroethene	2.584	96	34938	5.277	ug/L	95
13) Acetone	2.658	43	54872	56.276	ug/L	91
14) Carbon disulfide	2.800	76	95393	4.789	ug/L	100
15) Methyl Acetate	2.964	43	14641	5.439	ug/L	94
16) Methylene chloride	3.051	84	40567	4.154	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	85427	5.029	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	36003	5.059	ug/L	97
19) 1,1-Dichloroethane	3.877	63	64742	5.171	ug/L	99
21) 2-Butanone	4.726	43	97731	52.682	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	40583	5.139	ug/L	96
23) Bromochloromethane	4.980	128	20347	5.078	ug/L	91
25) Chloroform	5.092	83	71376	5.186	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031722\
 Data File : VU047601.D
 Acq On : 17 Mar 2022 10:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 18 01:23:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 00:50:30 2022
 Response via : Initial Calibration

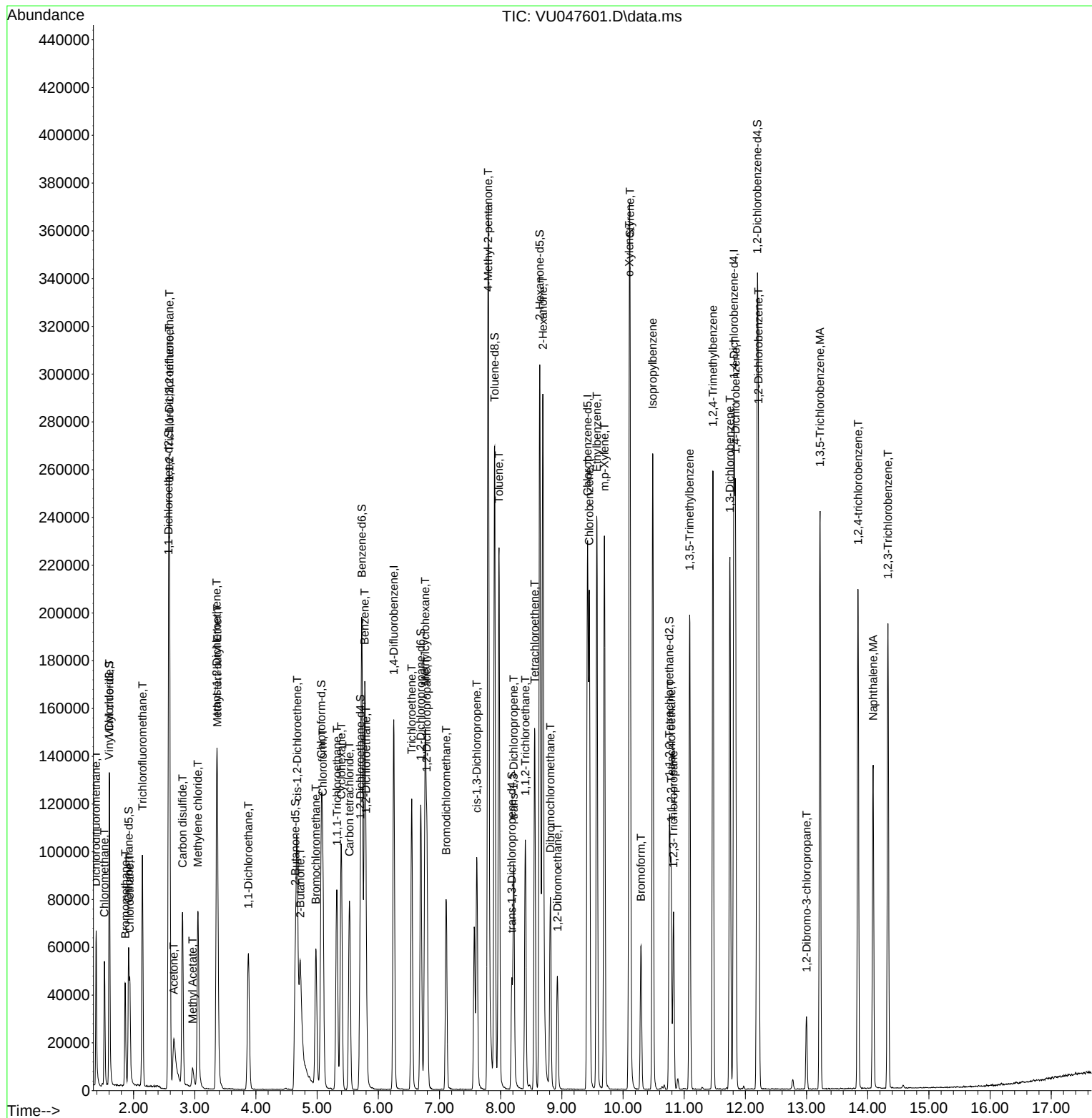
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	44710	5.079	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	60713	5.156	ug/L	100
30) Cyclohexane	5.395	56	48852	4.804	ug/L	99
31) Carbon tetrachloride	5.530	117	54402	5.252	ug/L	100
33) Benzene	5.777	78	152717	5.105	ug/L	100
34) Trichloroethene	6.546	95	40221	5.073	ug/L	96
35) Methylcyclohexane	6.768	83	57324	5.024	ug/L	99
37) 1,2-Dichloropropane	6.793	63	38172	4.979	ug/L	99
38) Bromodichloromethane	7.108	83	53823	5.098	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	58647	4.922	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	253228	47.383	ug/L	99
42) Toluene	7.973	91	171818	5.297	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	53725	5.055	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	33863	5.152	ug/L	95
47) Tetrachloroethene	8.555	164	34884	5.159	ug/L	98
48) 2-Hexanone	8.690	43	192551	47.341	ug/L	99
49) Dibromochloromethane	8.812	129	42337	5.229	ug/L	99
50) 1,2-Dibromoethane	8.928	107	32669	5.026	ug/L	95
51) Chlorobenzene	9.449	112	113425	5.120	ug/L	99
52) Ethylbenzene	9.571	91	172744	5.029	ug/L	99
53) m,p-Xylene	9.697	106	67598	5.090	ug/L	99
54) o-Xylene	10.102	106	65819	5.017	ug/L	97
55) Styrene	10.115	104	115556	5.128	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	44022	4.996	ug/L	99
59) Bromoform	10.295	173	27916	5.312	ug/L	98
60) Isopropylbenzene	10.484	105	173086	5.143	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	30079	4.814	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	107229	4.991	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	141948	5.089	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	97780	5.210	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	98656	5.146	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	94444	5.089	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	7594	5.066	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	81348	5.127	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	68456	4.905	ug/L	99
71) Naphthalene	14.089	128	111734	4.313	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	64290	4.800	ug/L	99

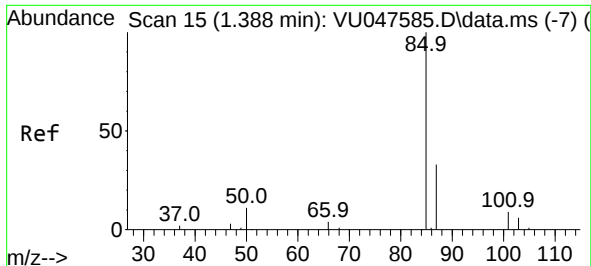
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031722\
 Data File : VU047601.D
 Acq On : 17 Mar 2022 10:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 18 01:23:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 00:50:30 2022
 Response via : Initial Calibration

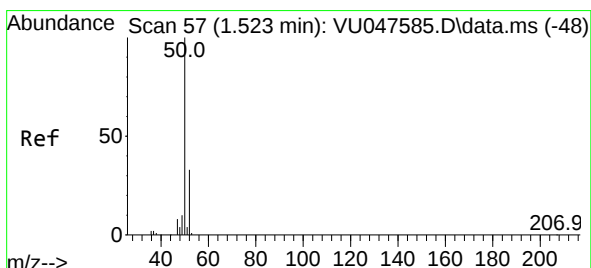
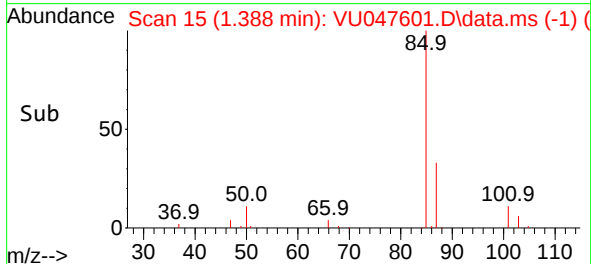
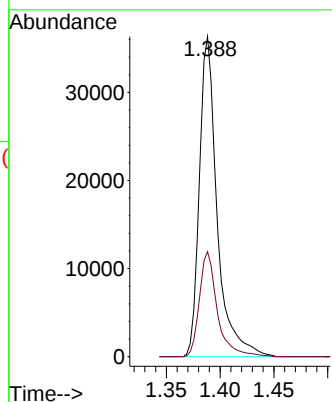
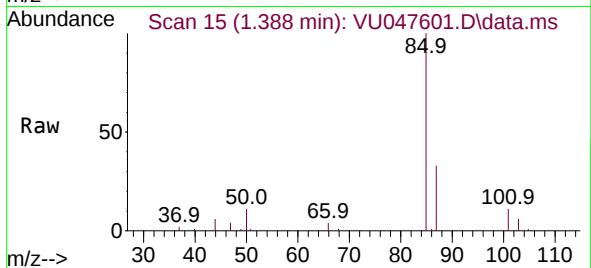




#2
 Dichlorodifluoromethane
 Concen: 5.107 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU047601.D
 Acq: 17 Mar 2022 10:31

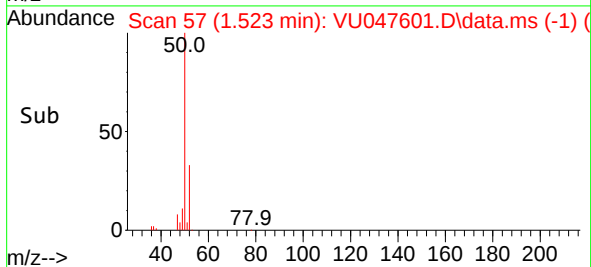
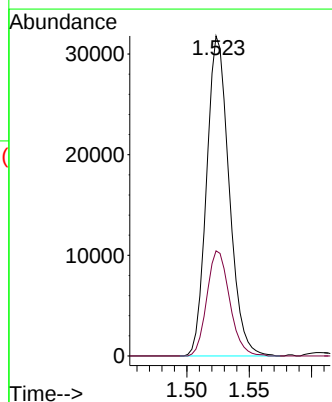
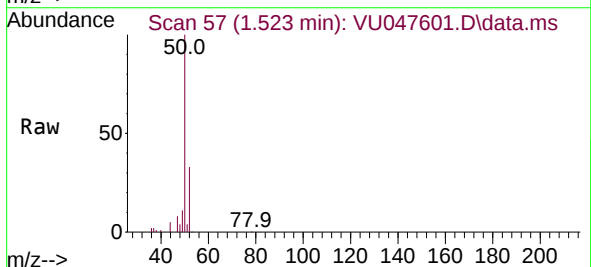
Instrument :
 MSVOA_U
 ClientSampleId :

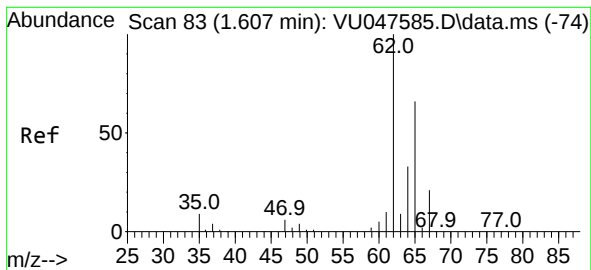
Tgt Ion: 85 Resp: 41754
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.2 39.4



#3
 Chloromethane
 Concen: 4.977 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU047601.D
 Acq: 17 Mar 2022 10:31

Tgt Ion: 50 Resp: 39910
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.2 43.0





#5

Vinyl chloride

Concen: 5.055 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU047601.D

Acq: 17 Mar 2022 10:31

Instrument :

MSVOA_U

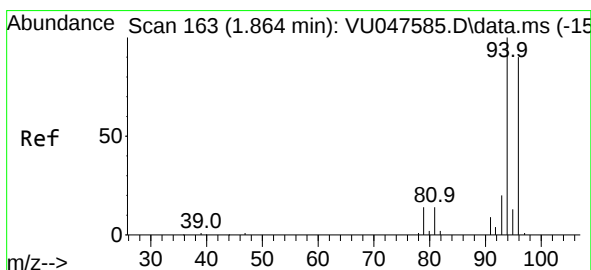
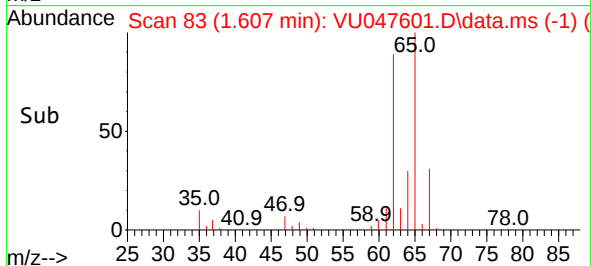
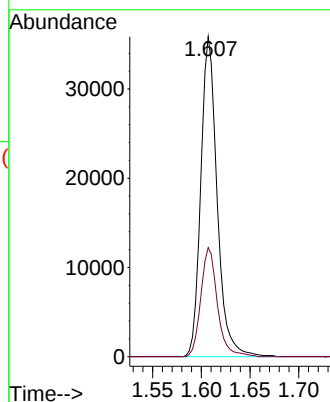
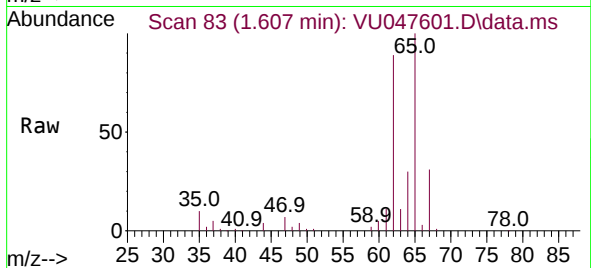
ClientSampleId :

Tgt Ion: 62 Resp: 41799

Ion Ratio Lower Upper

62 100

64 34.1 23.5 43.7



#6

Bromomethane

Concen: 5.286 ug/L

RT: 1.864 min Scan# 163

Delta R.T. 0.000 min

Lab File: VU047601.D

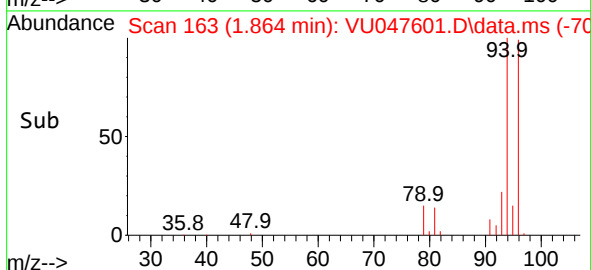
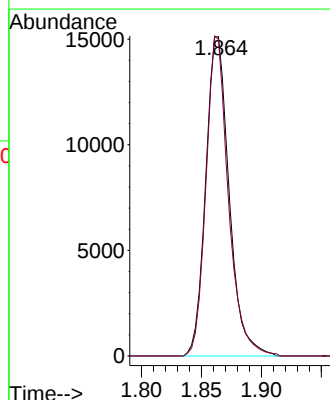
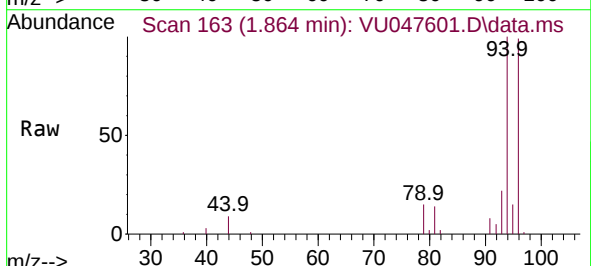
Acq: 17 Mar 2022 10:31

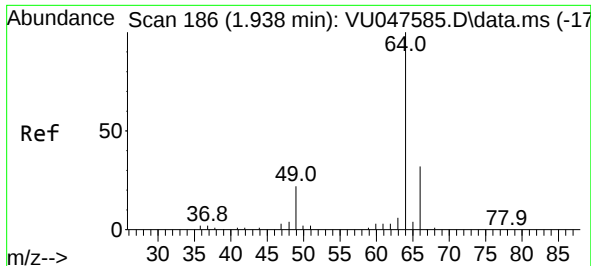
Tgt Ion: 94 Resp: 20565

Ion Ratio Lower Upper

94 100

96 99.1 66.5 123.5

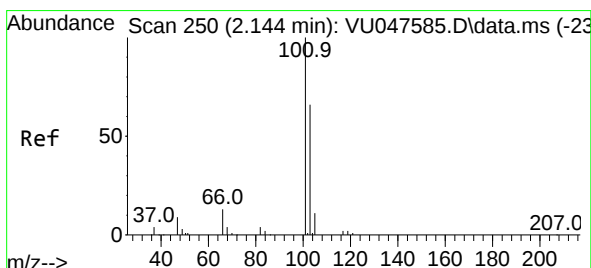
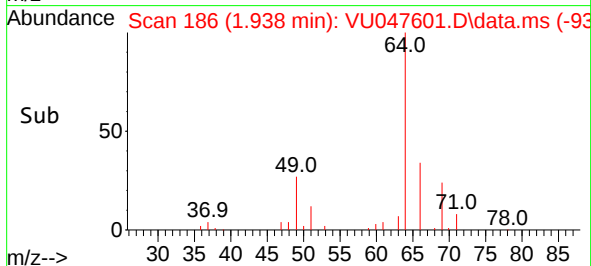
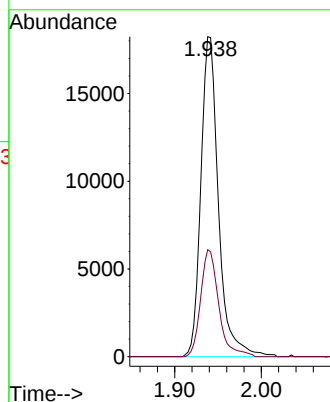
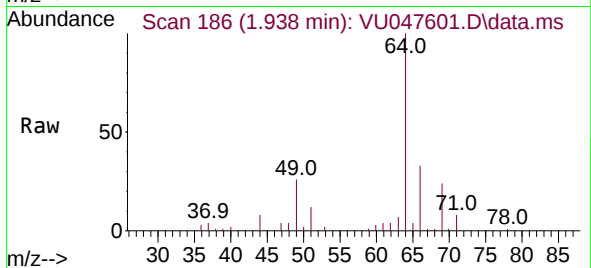




#8
Chloroethane
Concen: 5.145 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

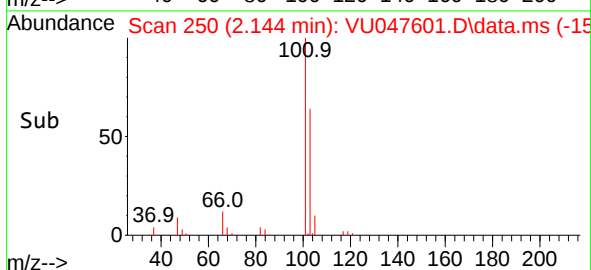
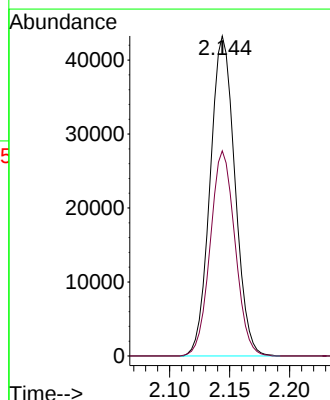
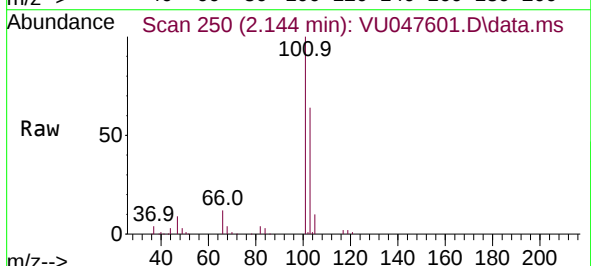
Instrument :
MSVOA_U
ClientSampleId :

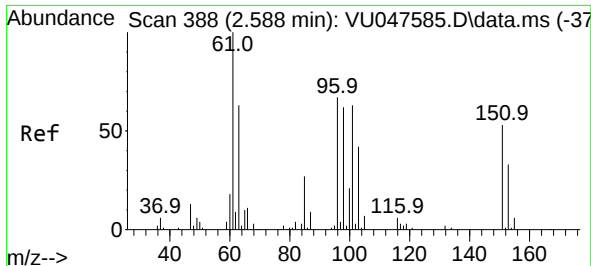
Tgt Ion: 64 Resp: 25713
Ion Ratio Lower Upper
64 100
66 33.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.723 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

Tgt Ion:101 Resp: 62045
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

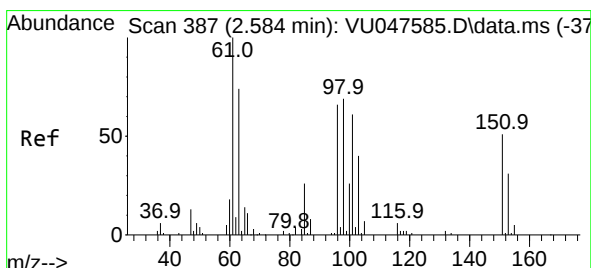
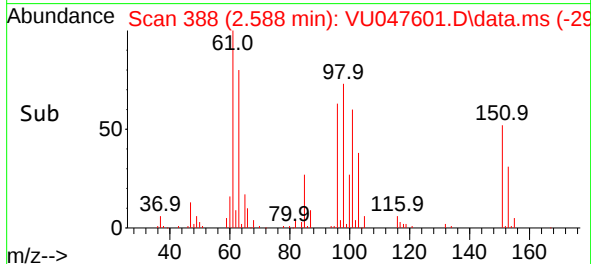
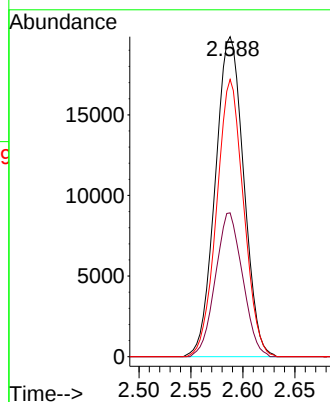
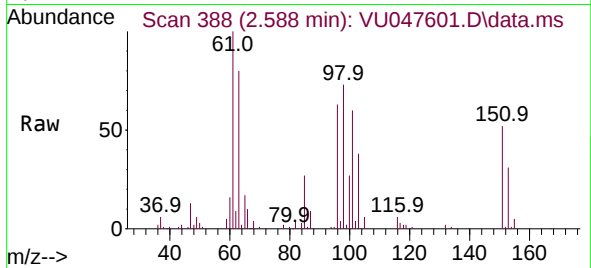




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.525 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047601.D
 Acq: 17 Mar 2022 10:31

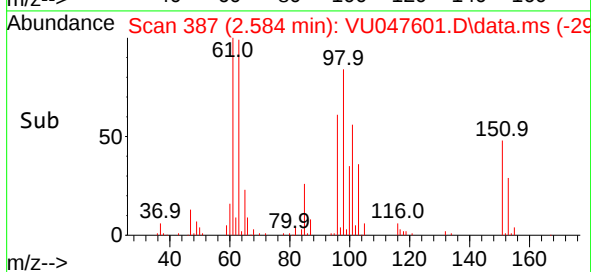
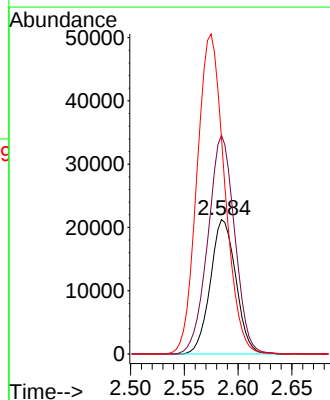
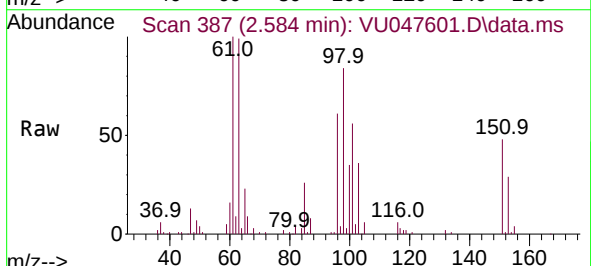
Instrument :
 MSVOA_U
 ClientSampleId :

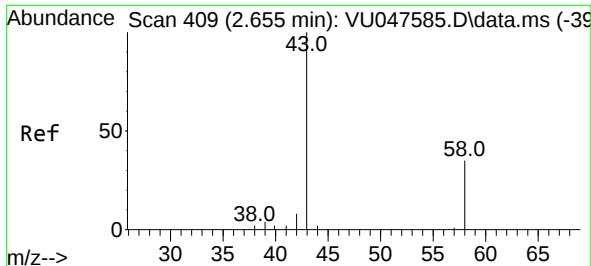
Tgt Ion:101 Resp: 37816
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.0 51.0
 151 82.1 63.8 95.6



#12
 1,1-Dichloroethene
 Concen: 5.277 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047601.D
 Acq: 17 Mar 2022 10:31

Tgt Ion: 96 Resp: 34938
 Ion Ratio Lower Upper
 96 100
 61 162.8 111.4 207.0
 63 161.0 106.6 198.0





#13

Acetone

Concen: 56.276 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.003 min

Lab File: VU047601.D

Acq: 17 Mar 2022 10:31

Instrument :

MSVOA_U

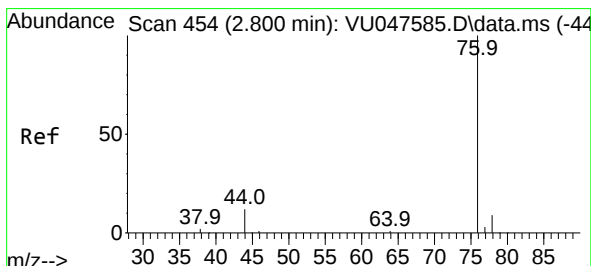
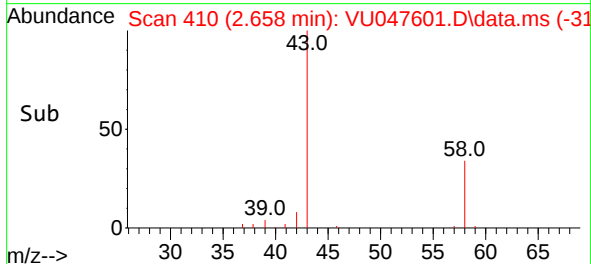
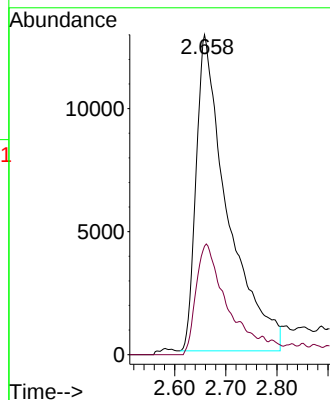
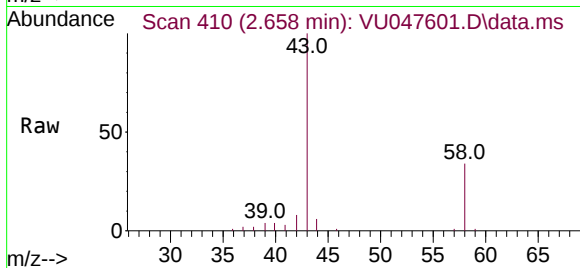
ClientSampleId :

Tgt Ion: 43 Resp: 54872

Ion Ratio Lower Upper

43 100

58 29.2 0.0 69.4



#14

Carbon disulfide

Concen: 4.789 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047601.D

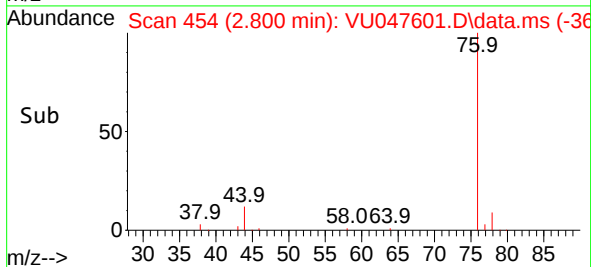
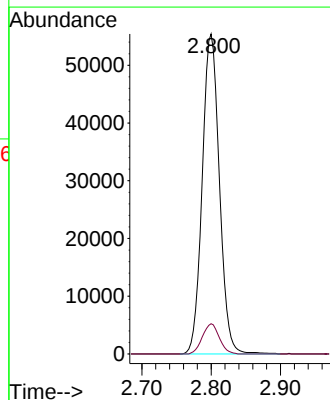
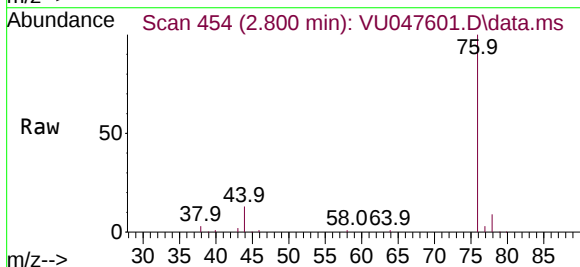
Acq: 17 Mar 2022 10:31

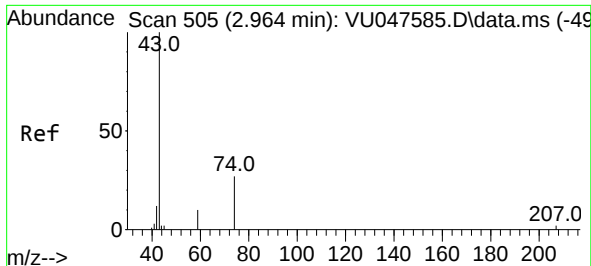
Tgt Ion: 76 Resp: 95393

Ion Ratio Lower Upper

76 100

78 9.5 7.7 11.5

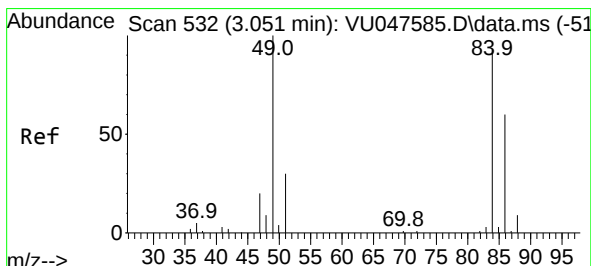
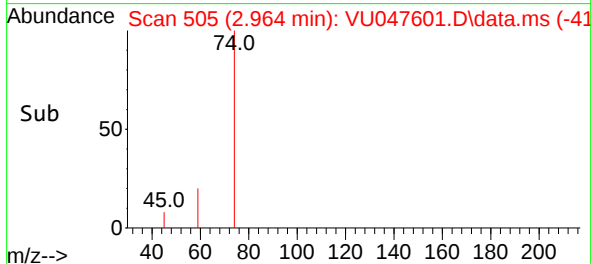
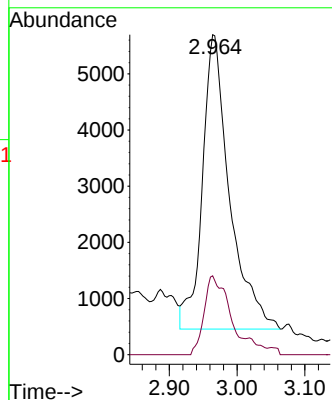
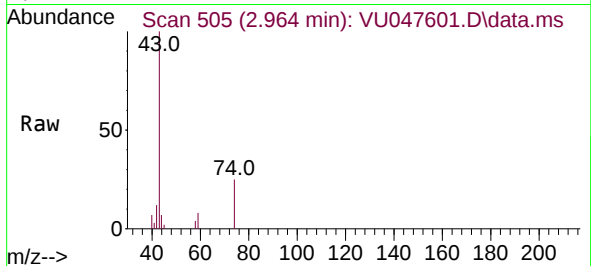




#15
Methyl Acetate
Concen: 5.439 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

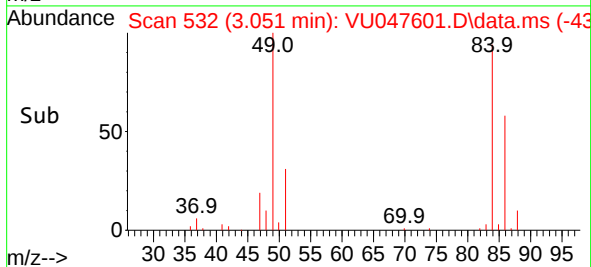
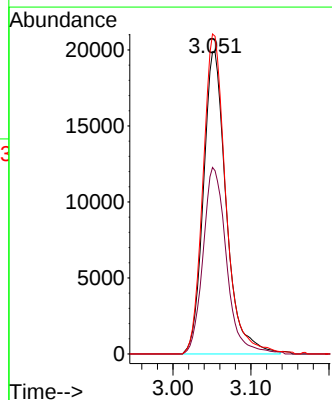
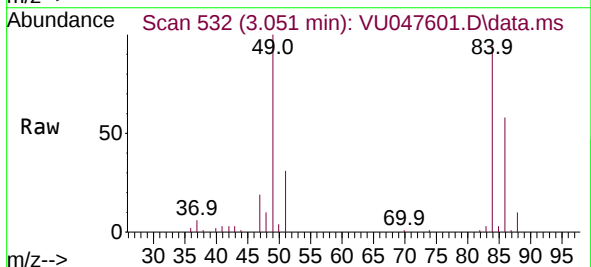
Instrument :
MSVOA_U
ClientSampleId :

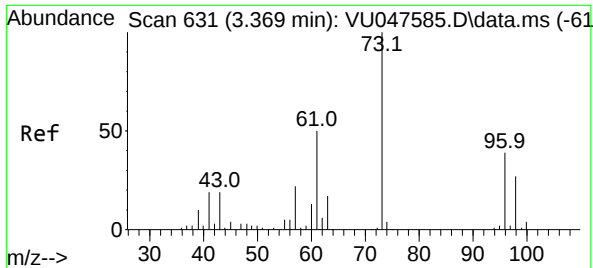
Tgt Ion: 43 Resp: 14641
Ion Ratio Lower Upper
43 100
74 24.3 21.8 32.6



#16
Methylene chloride
Concen: 4.154 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

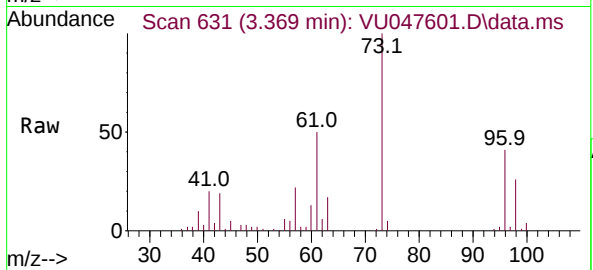
Tgt Ion: 84 Resp: 40567
Ion Ratio Lower Upper
84 100
86 61.8 45.4 84.4
49 105.9 75.0 139.4



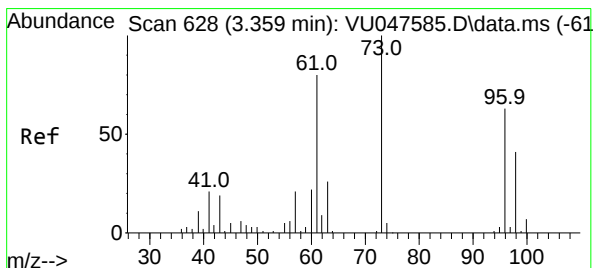
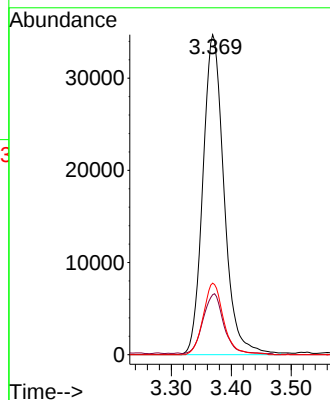
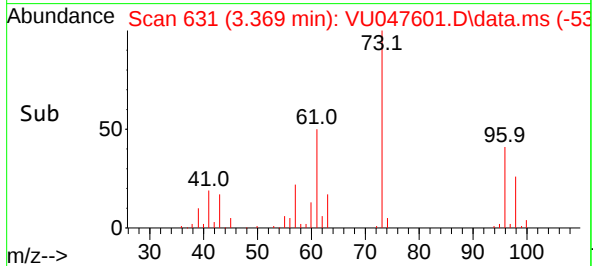


#17
Methyl tert-butyl Ether
Concen: 5.029 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

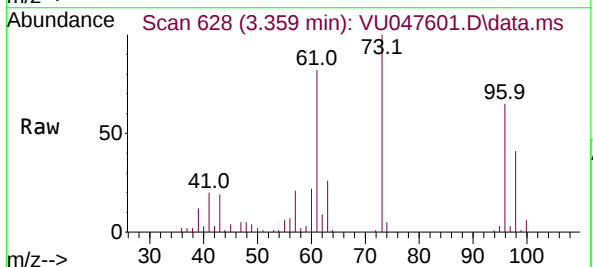
Instrument :
MSVOA_U
ClientSampleId :



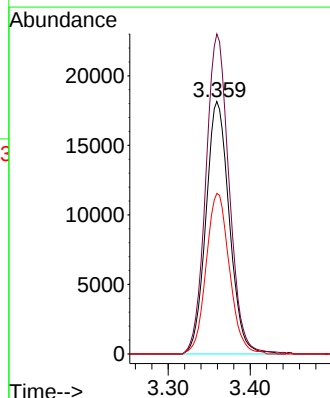
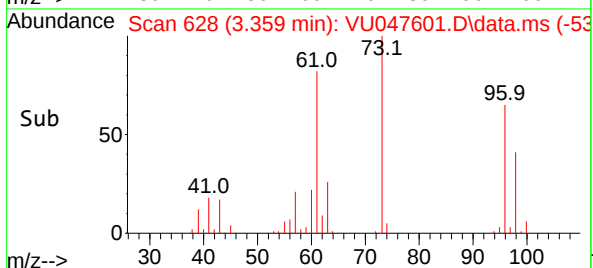
Tgt Ion: 73 Resp: 85427
Ion Ratio Lower Upper
73 100
43 18.2 15.2 22.8
57 21.5 17.2 25.8

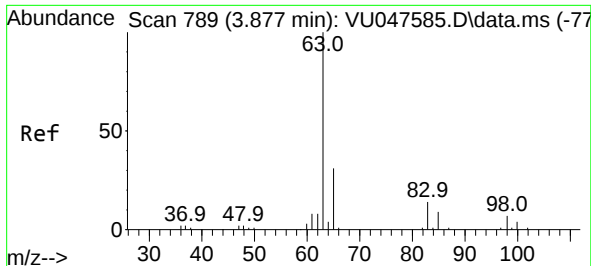


#18
trans-1,2-Dichloroethene
Concen: 5.059 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31



Tgt Ion: 96 Resp: 36003
Ion Ratio Lower Upper
96 100
61 126.8 91.7 170.3
98 63.6 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.171 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU047601.D

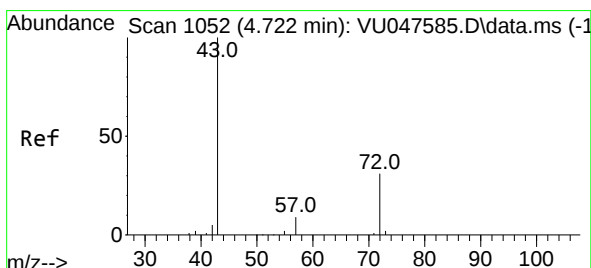
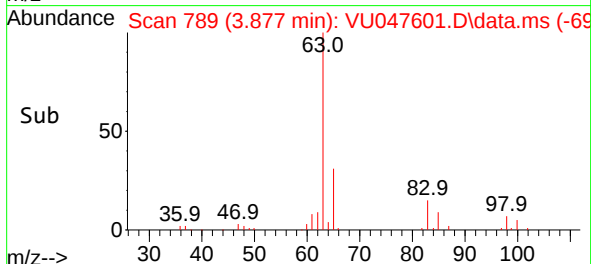
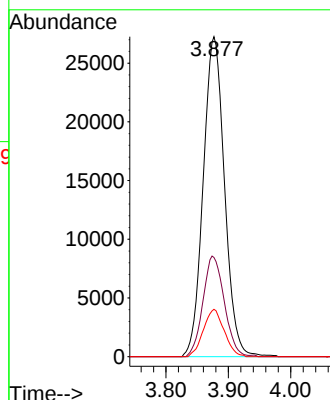
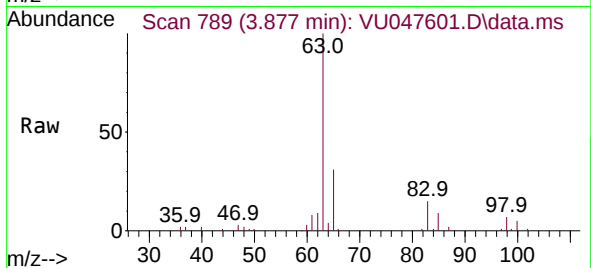
Acq: 17 Mar 2022 10:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	64742
Ion Ratio	Lower	Upper	
63	100		
65	31.0	21.8	40.6
83	14.8	10.8	20.0



#21

2-Butanone

Concen: 52.682 ug/L

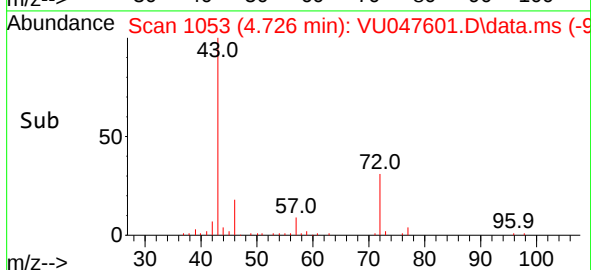
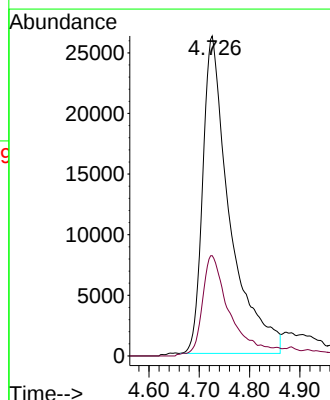
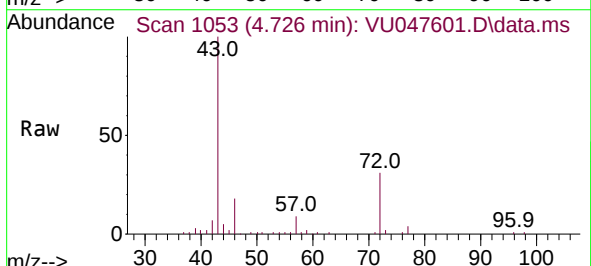
RT: 4.726 min Scan# 1053

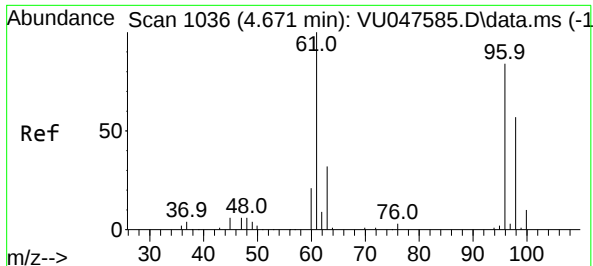
Delta R.T. 0.003 min

Lab File: VU047601.D

Acq: 17 Mar 2022 10:31

Tgt Ion:	43	Resp:	97731
Ion Ratio	Lower	Upper	
43	100		
72	31.9	14.9	44.7





#22

cis-1,2-Dichloroethene

Concen: 5.139 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU047601.D

Acq: 17 Mar 2022 10:31

Instrument :

MSVOA_U

ClientSampleId :

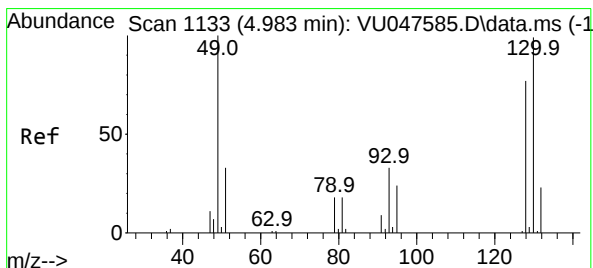
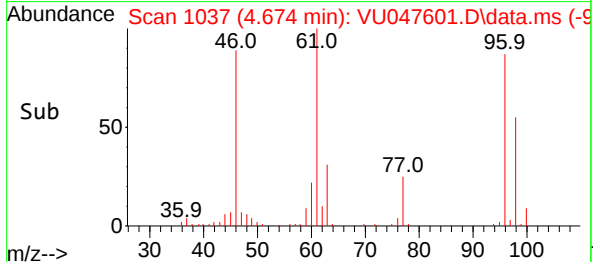
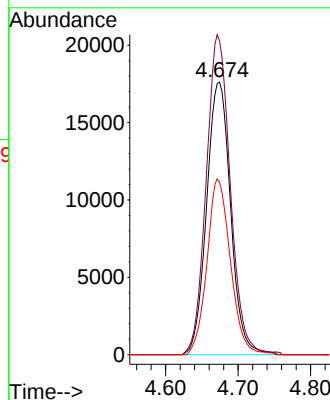
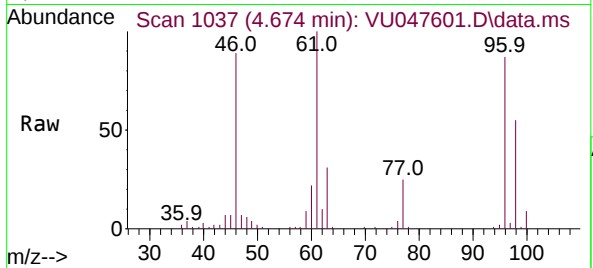
Tgt Ion: 96 Resp: 40583

Ion Ratio Lower Upper

96 100

61 115.1 83.9 155.7

98 63.2 46.4 86.2



#23

Bromochloromethane

Concen: 5.078 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VU047601.D

Acq: 17 Mar 2022 10:31

Tgt Ion: 128 Resp: 20347

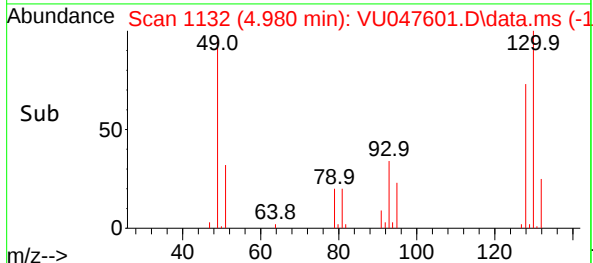
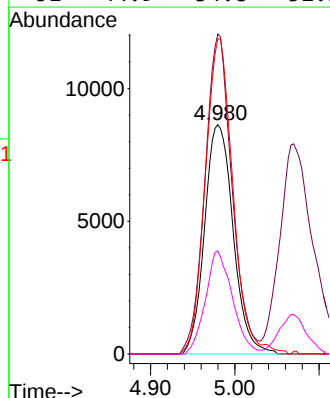
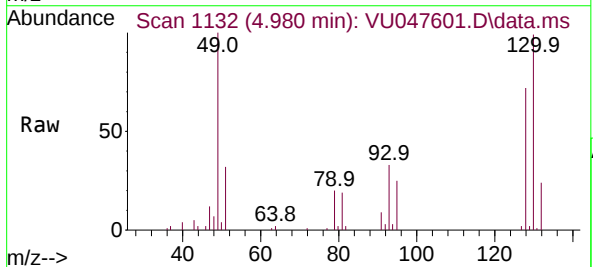
Ion Ratio Lower Upper

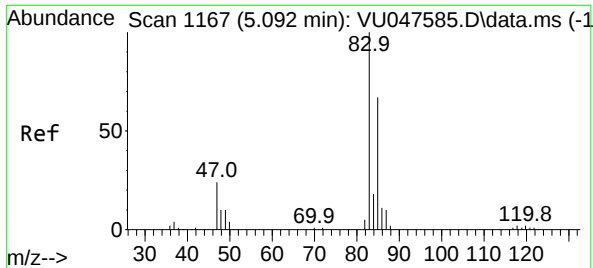
128 100

49 139.5 89.6 166.4

130 137.4 87.3 162.1

51 44.9 34.8 52.2





#25

Chloroform

Concen: 5.186 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047601.D

Acq: 17 Mar 2022 10:31

Instrument :

MSVOA_U

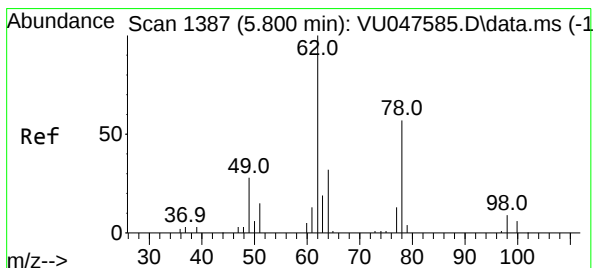
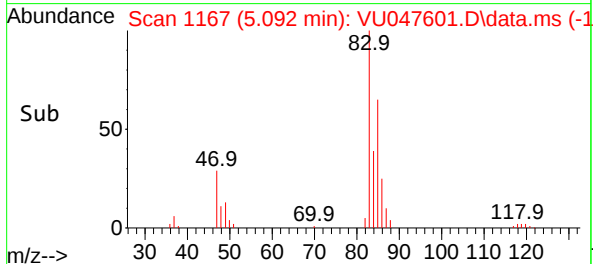
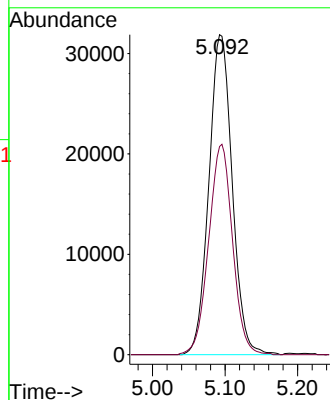
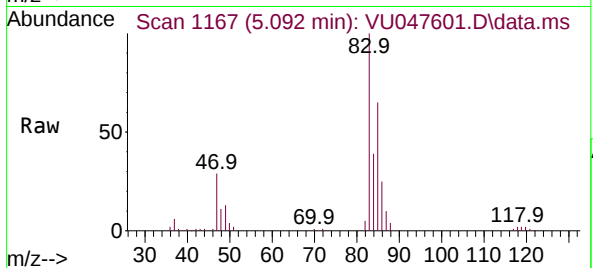
ClientSampleId :

Tgt Ion: 83 Resp: 71376

Ion Ratio Lower Upper

83 100

85 65.0 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.079 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU047601.D

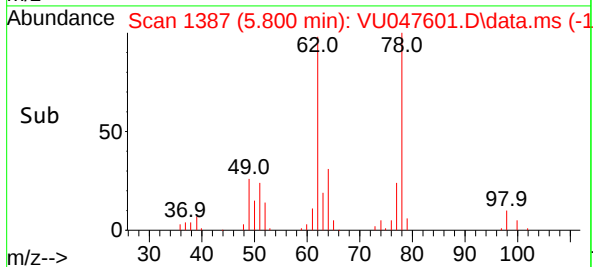
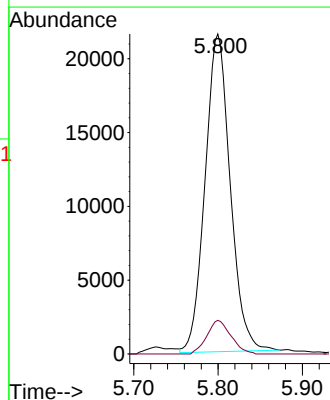
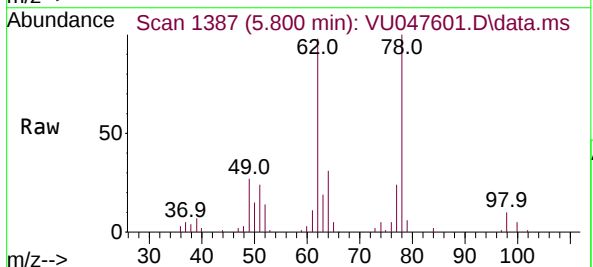
Acq: 17 Mar 2022 10:31

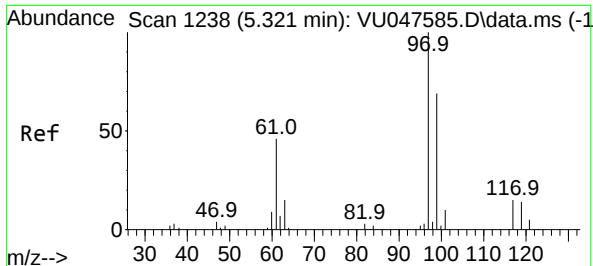
Tgt Ion: 62 Resp: 44710

Ion Ratio Lower Upper

62 100

98 10.5 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.156 ug/L

RT: 5.324 min Scan# 1238

Delta R.T. 0.003 min

Lab File: VU047601.D

Acq: 17 Mar 2022 10:31

Instrument :

MSVOA_U

ClientSampleId :

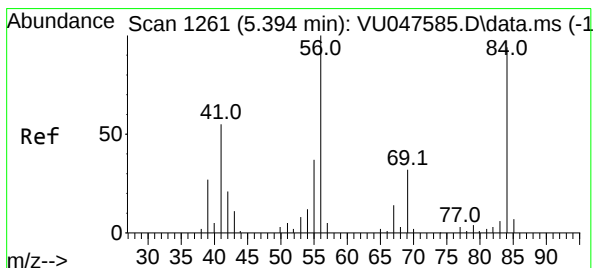
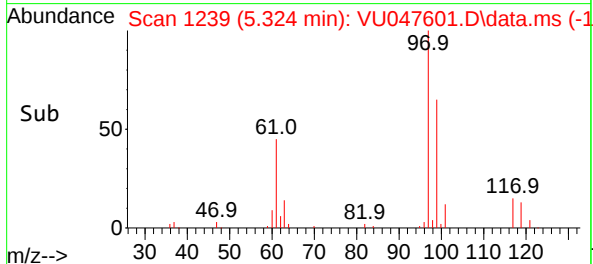
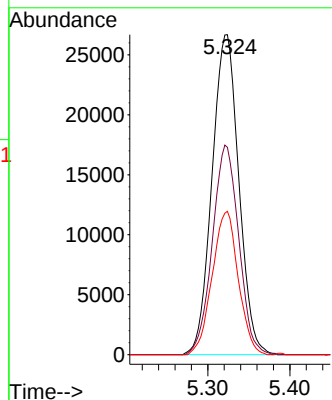
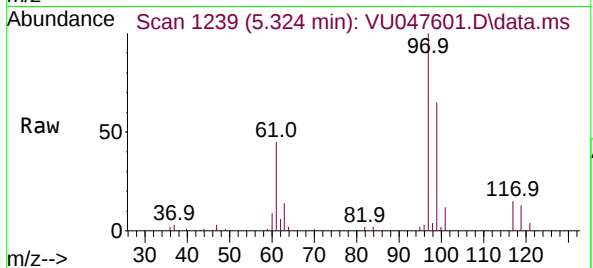
Tgt Ion: 97 Resp: 60713

Ion Ratio Lower Upper

97 100

99 64.4 51.2 76.8

61 43.5 35.0 52.4



#30

Cyclohexane

Concen: 4.804 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047601.D

Acq: 17 Mar 2022 10:31

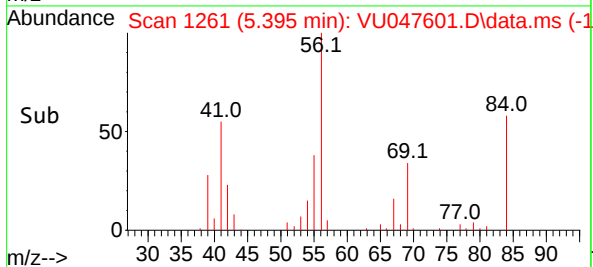
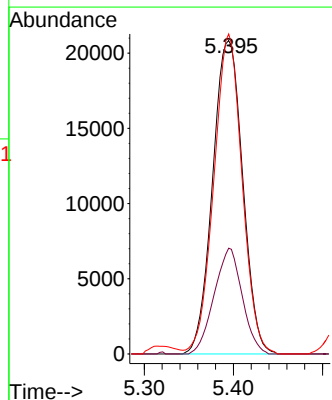
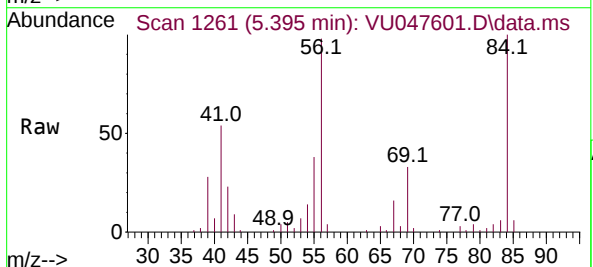
Tgt Ion: 56 Resp: 48852

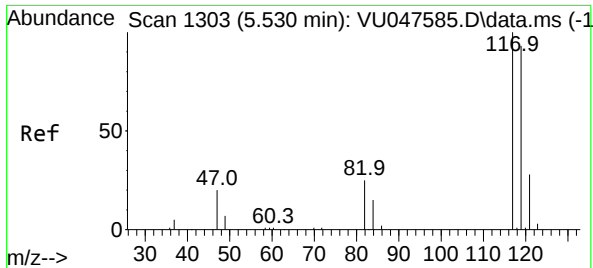
Ion Ratio Lower Upper

56 100

69 31.5 26.0 39.0

84 96.1 76.2 114.4

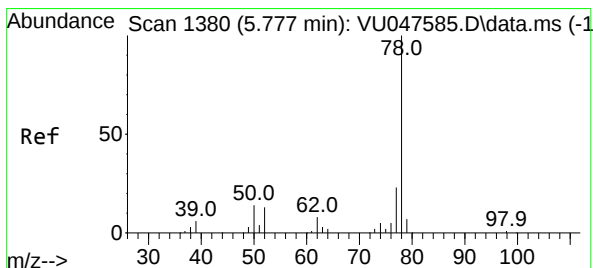
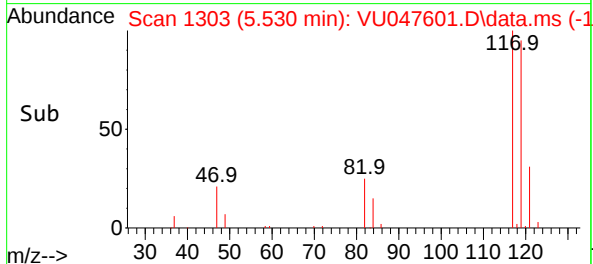
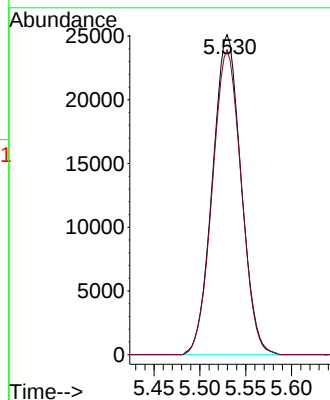
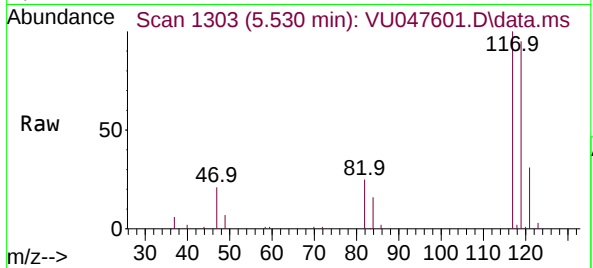




#31
Carbon tetrachloride
Concen: 5.252 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

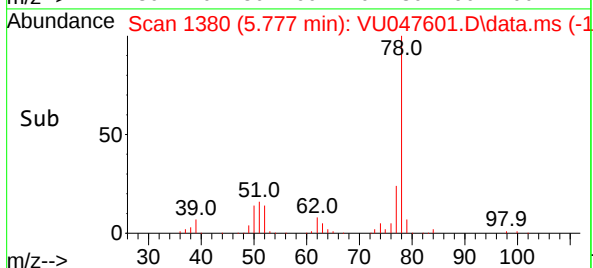
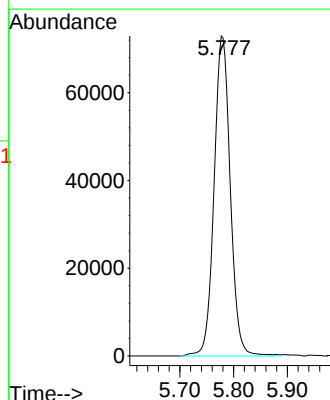
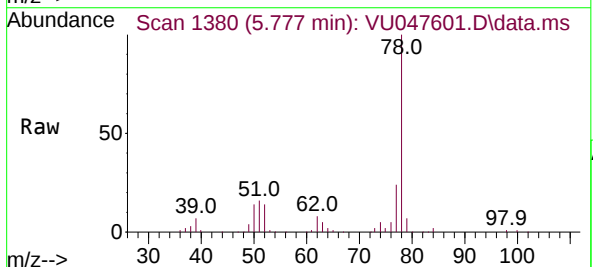
Instrument :
MSVOA_U
ClientSampleId :

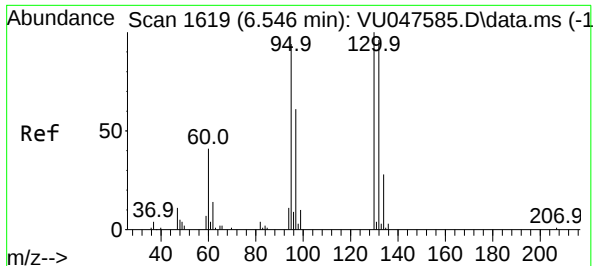
Tgt Ion:117 Resp: 54402
Ion Ratio Lower Upper
117 100
119 96.2 76.9 115.3



#33
Benzene
Concen: 5.105 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

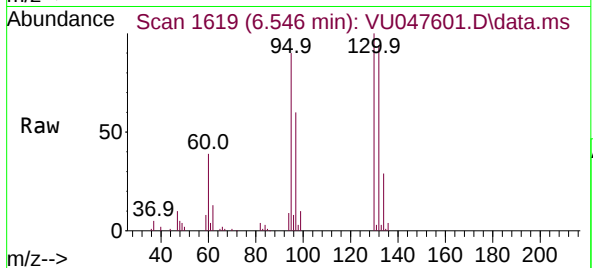
Tgt Ion: 78 Resp: 152717



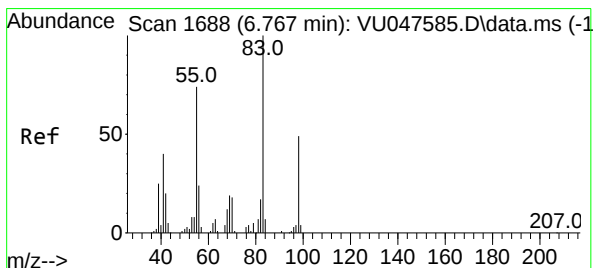
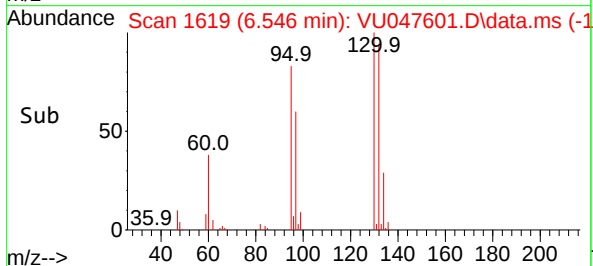
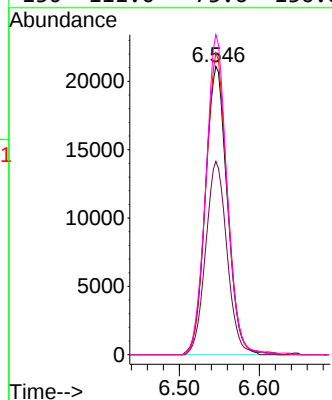


#34
Trichloroethene
Concen: 5.073 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

Instrument :
MSVOA_U
ClientSampleId :

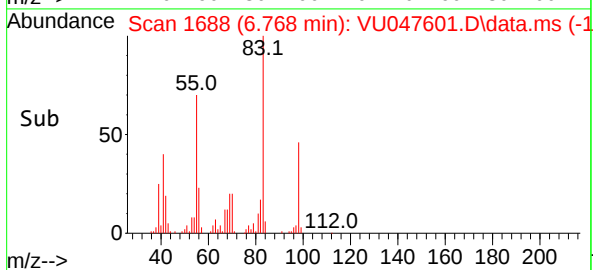
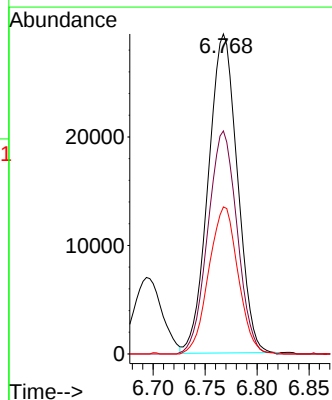
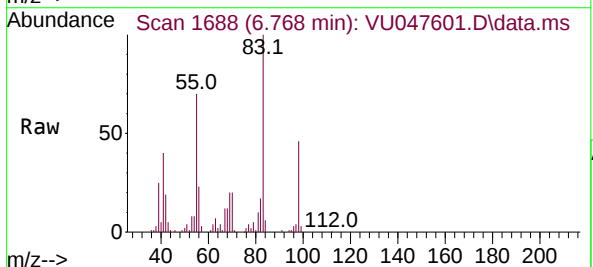


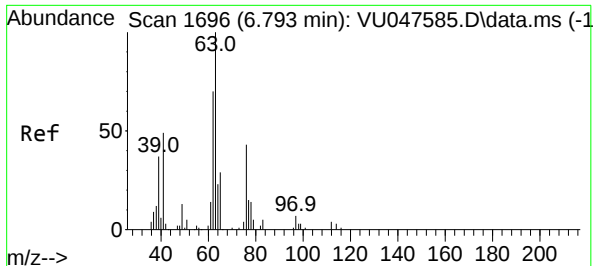
Tgt Ion: 95 Resp: 40221
Ion Ratio Lower Upper
95 100
97 67.1 46.3 85.9
132 104.7 70.7 131.3
130 111.0 73.6 136.8



#35
Methylcyclohexane
Concen: 5.024 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

Tgt Ion: 83 Resp: 57324
Ion Ratio Lower Upper
83 100
55 70.3 57.3 85.9
98 46.4 37.5 56.3





#37

1,2-Dichloropropane

Concen: 4.979 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047601.D

Acq: 17 Mar 2022 10:31

Instrument :

MSVOA_U

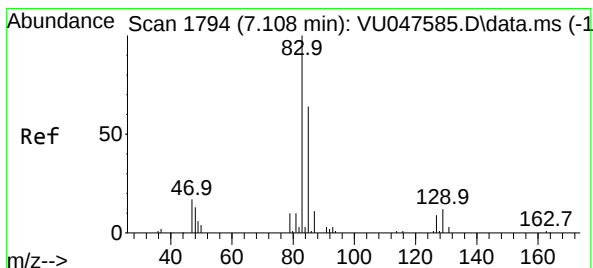
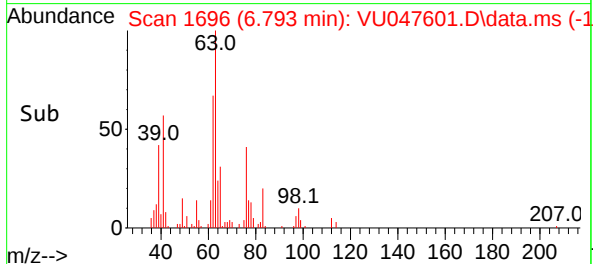
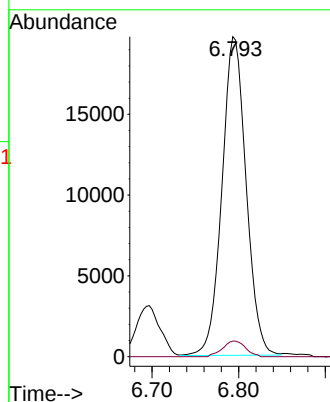
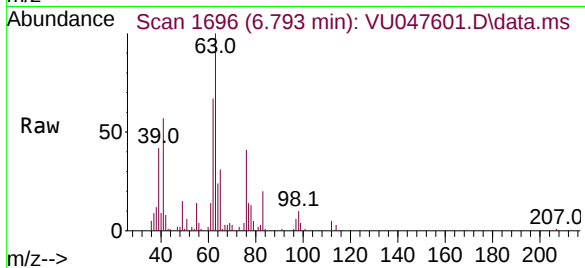
ClientSampleId :

Tgt Ion: 63 Resp: 38172

Ion Ratio Lower Upper

63 100

112 4.7 3.4 5.0



#38

Bromodichloromethane

Concen: 5.098 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047601.D

Acq: 17 Mar 2022 10:31

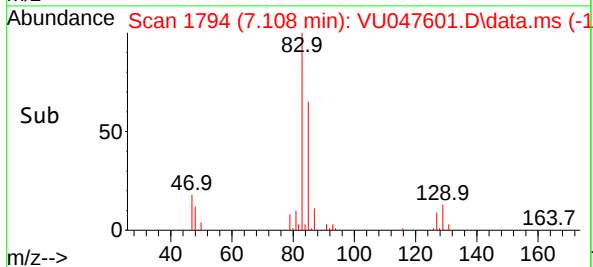
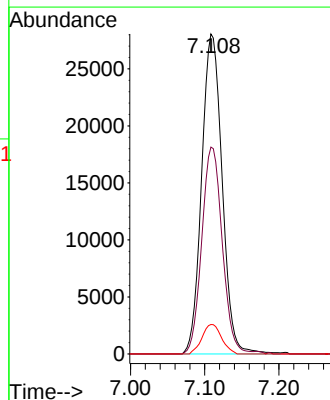
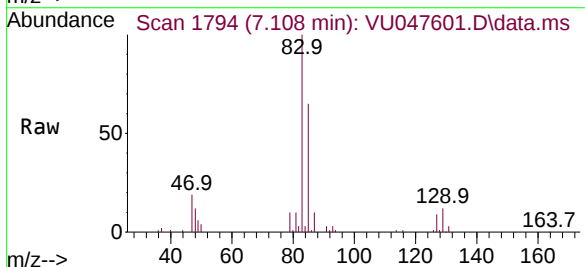
Tgt Ion: 83 Resp: 53823

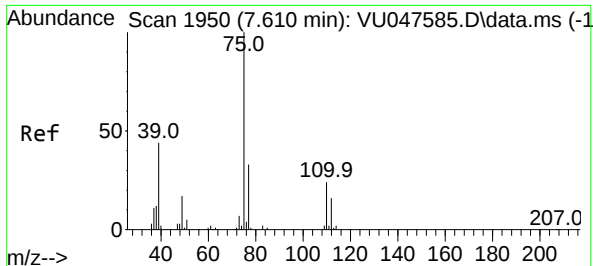
Ion Ratio Lower Upper

83 100

85 64.7 44.2 82.0

127 9.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 4.922 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047601.D

Acq: 17 Mar 2022 10:31

Instrument :

MSVOA_U

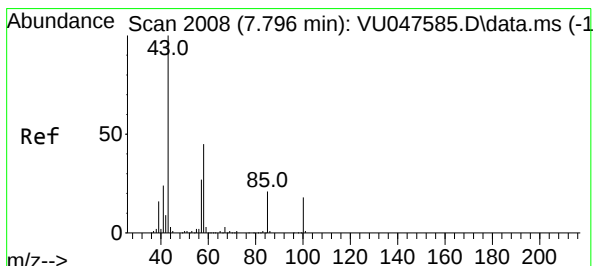
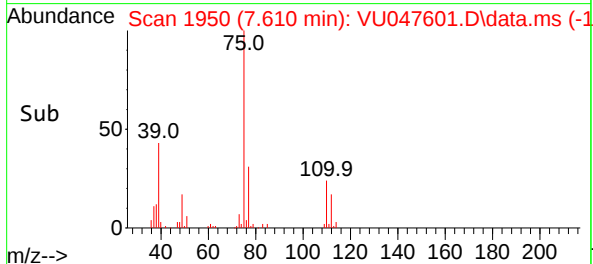
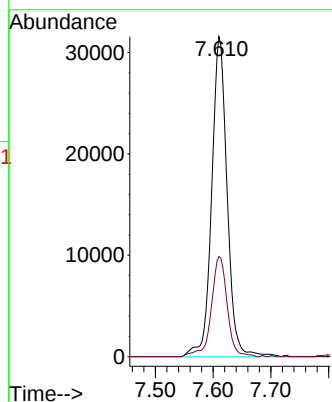
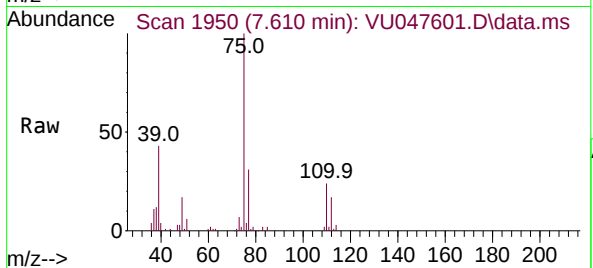
ClientSampleId :

Tgt Ion: 75 Resp: 58647

Ion Ratio Lower Upper

75 100

77 31.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 47.383 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU047601.D

Acq: 17 Mar 2022 10:31

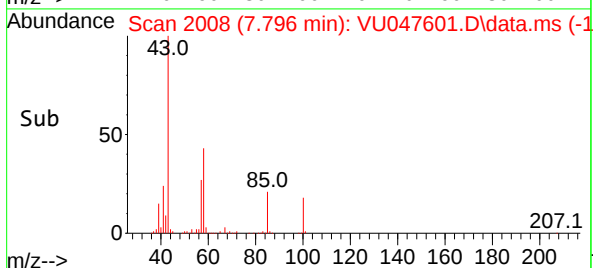
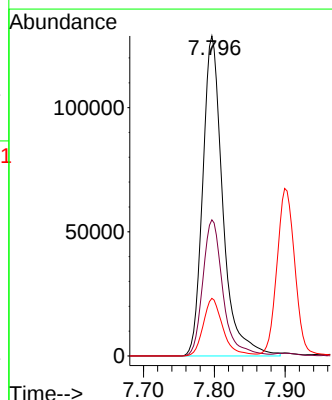
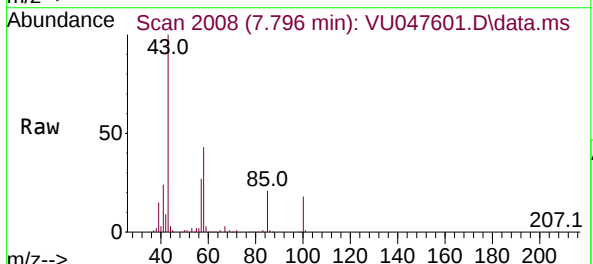
Tgt Ion: 43 Resp: 253228

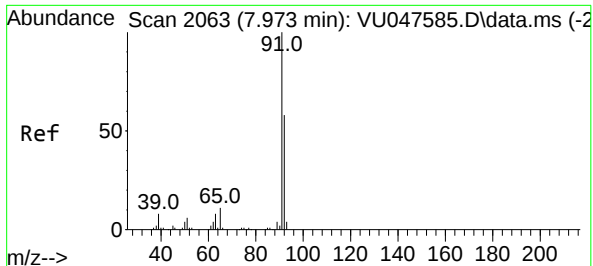
Ion Ratio Lower Upper

43 100

58 42.9 34.5 51.7

100 17.7 13.8 20.6

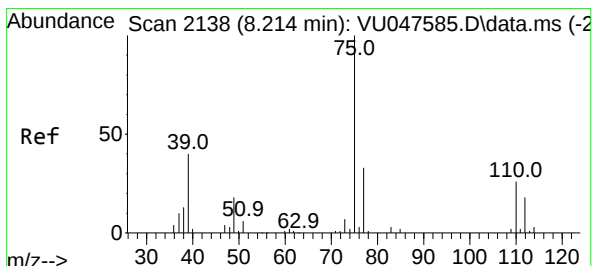
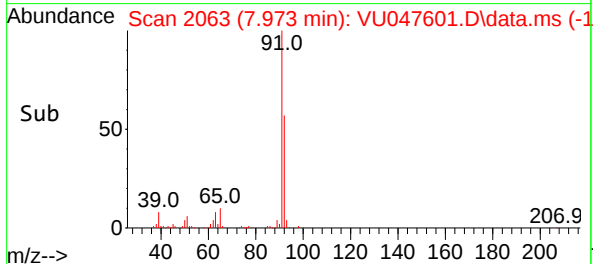
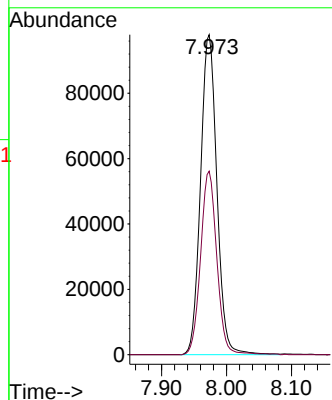
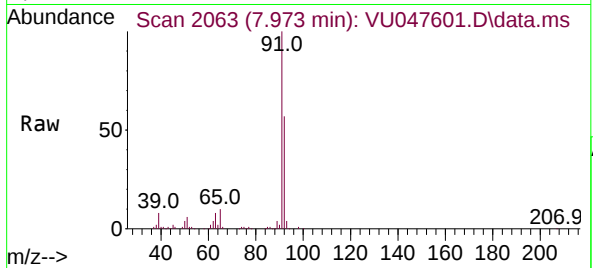




#42
Toluene
Concen: 5.297 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

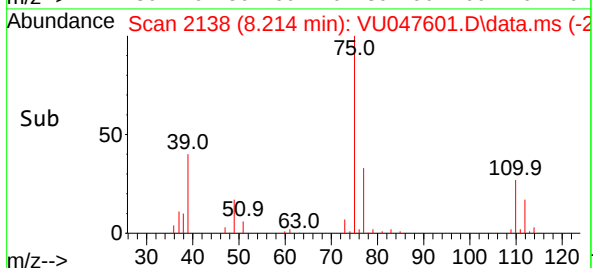
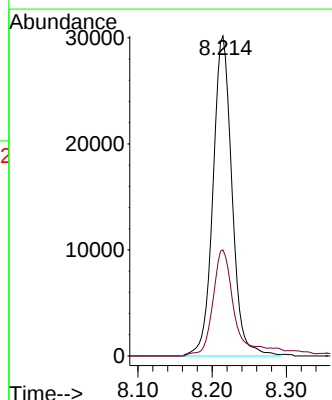
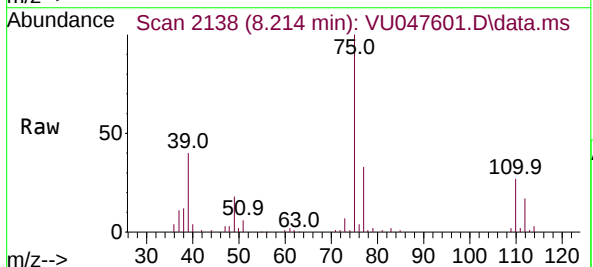
Instrument :
MSVOA_U
ClientSampleId :

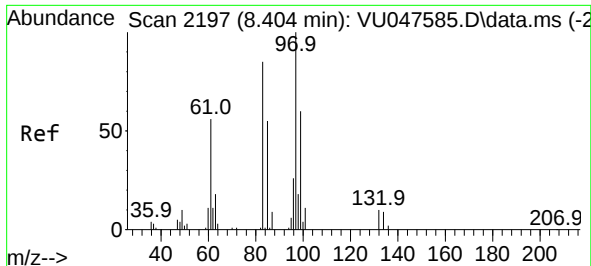
Tgt Ion: 91 Resp: 171818
Ion Ratio Lower Upper
91 100
92 57.4 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 5.055 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

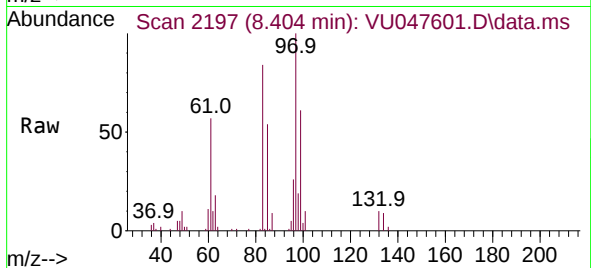
Tgt Ion: 75 Resp: 53725
Ion Ratio Lower Upper
75 100
77 33.1 23.4 43.6



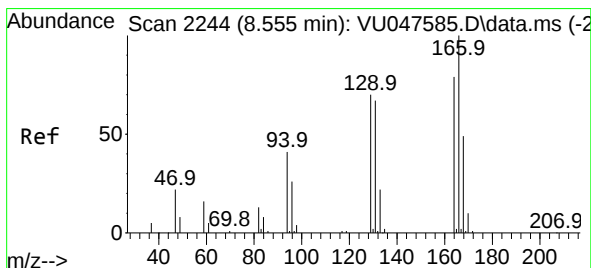
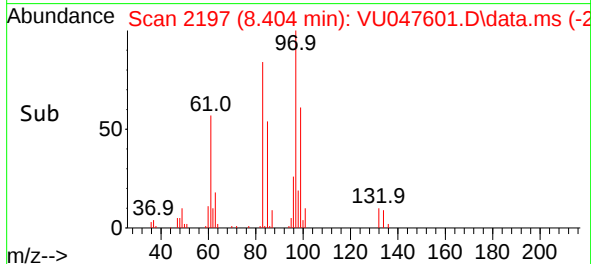
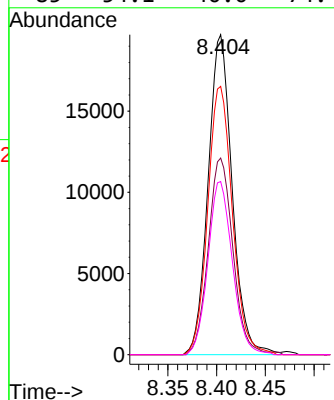


#45
1,1,2-Trichloroethane
Concen: 5.152 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

Instrument :
MSVOA_U
ClientSampleId :

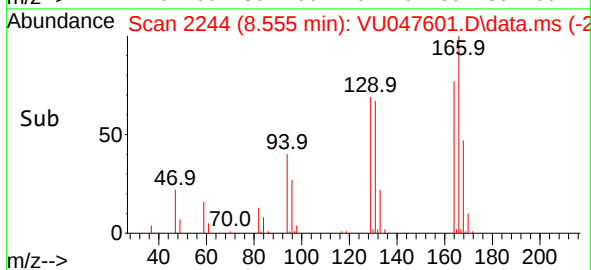
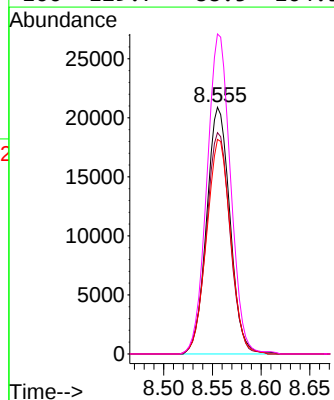
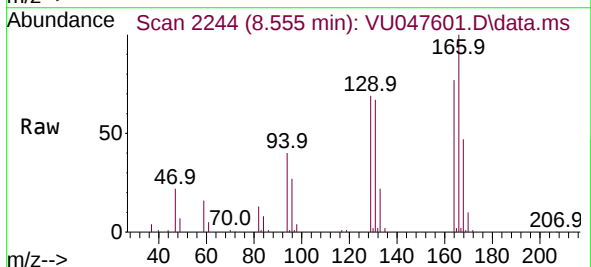


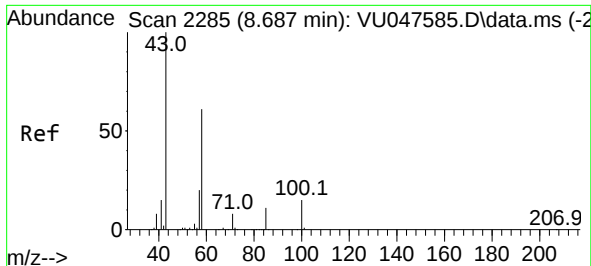
Tgt Ion: 97	Resp: 33863
Ion Ratio	Lower Upper
97 100	
99 61.5	45.3 84.1
83 83.8	62.2 115.6
85 54.1	40.0 74.4



#47
Tetrachloroethene
Concen: 5.159 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

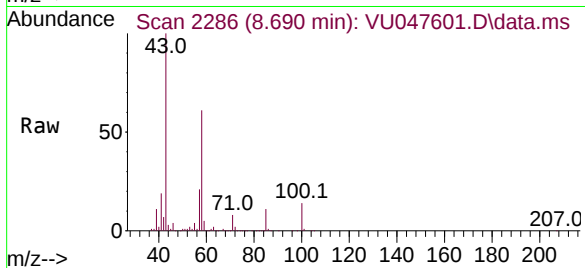
Tgt Ion:164	Resp: 34884
Ion Ratio	Lower Upper
164 100	
129 89.7	63.5 117.9
131 86.9	60.5 112.5
166 129.7	88.5 164.3



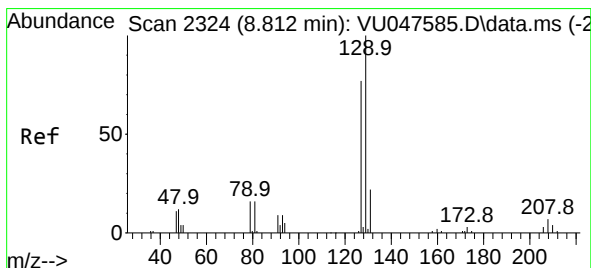
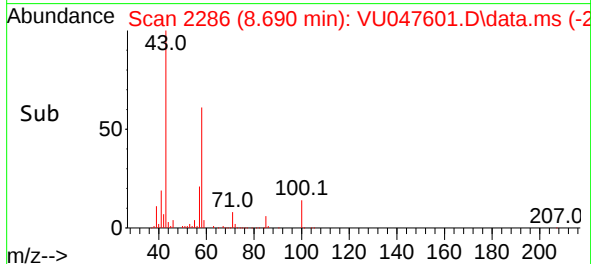
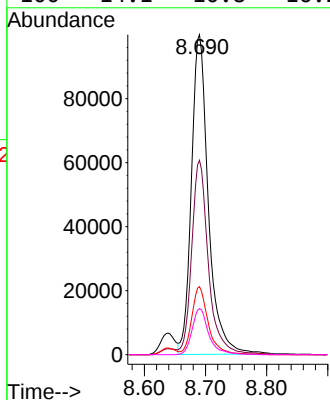


#48
2-Hexanone
Concen: 47.341 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

Instrument :
MSVOA_U
ClientSampleId :

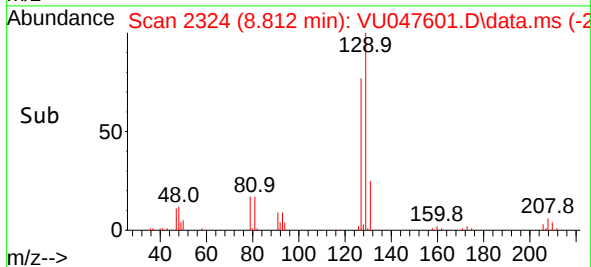
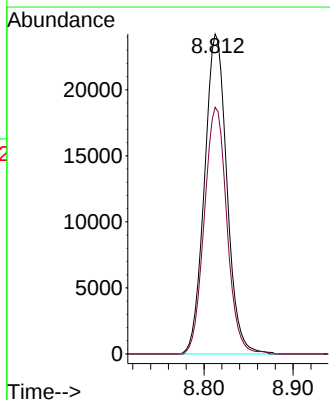
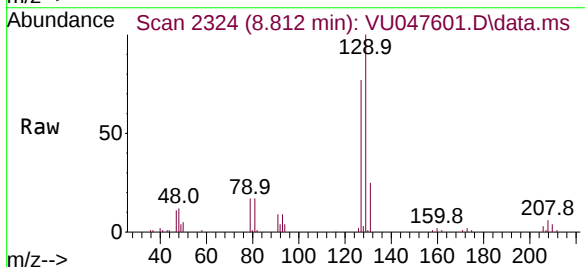


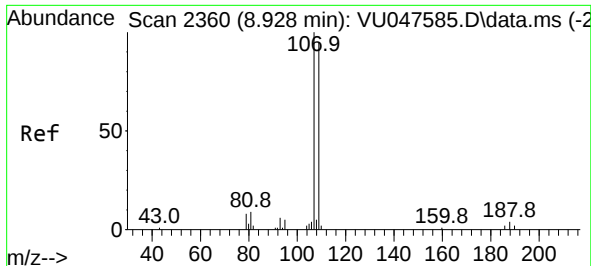
Tgt Ion: 43 Resp: 192551
Ion Ratio Lower Upper
43 100
58 60.1 47.5 71.3
57 20.3 16.0 24.0
100 14.1 10.8 16.2



#49
Dibromochloromethane
Concen: 5.229 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

Tgt Ion: 129 Resp: 42337
Ion Ratio Lower Upper
129 100
127 77.1 53.6 99.6





#50

1,2-Dibromoethane

Concen: 5.026 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047601.D

Acq: 17 Mar 2022 10:31

Instrument :

MSVOA_U

ClientSampleId :

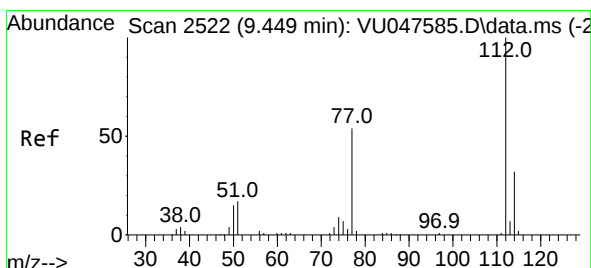
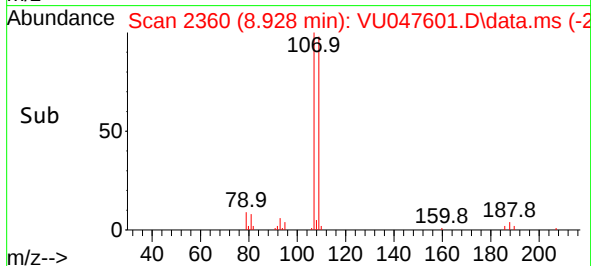
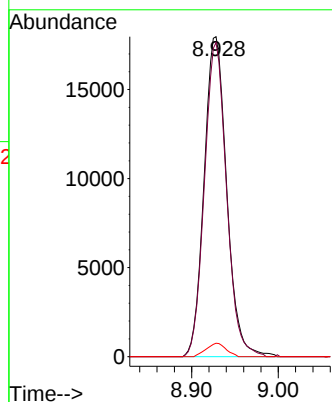
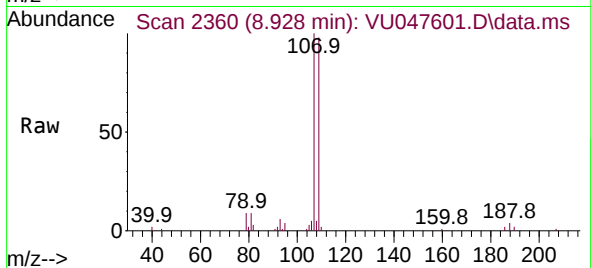
Tgt Ion:107 Resp: 32669

Ion Ratio Lower Upper

107 100

109 98.2 65.3 121.3

188 4.2 3.2 4.8



#51

Chlorobenzene

Concen: 5.120 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047601.D

Acq: 17 Mar 2022 10:31

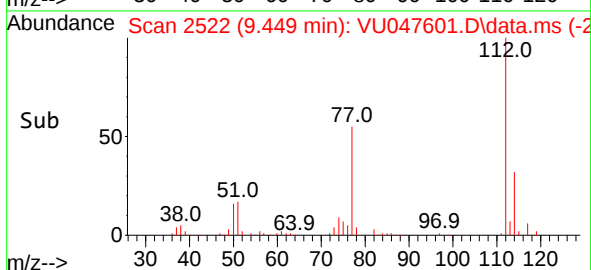
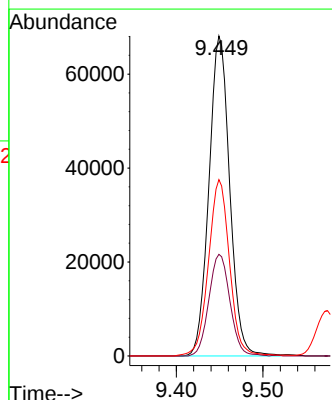
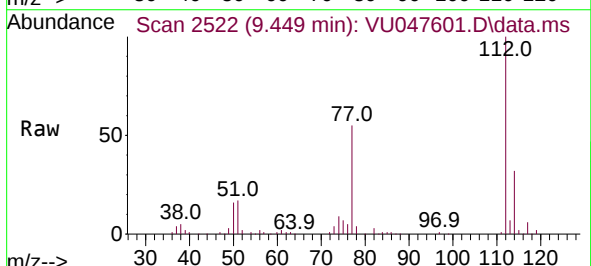
Tgt Ion:112 Resp: 113425

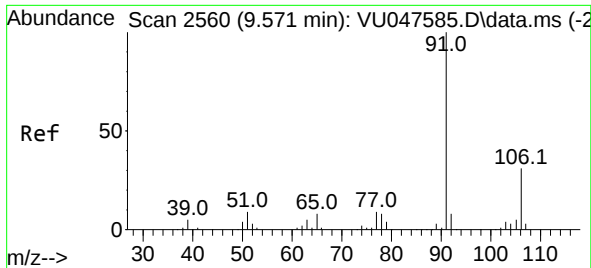
Ion Ratio Lower Upper

112 100

114 31.8 22.0 40.8

77 55.1 43.7 65.5

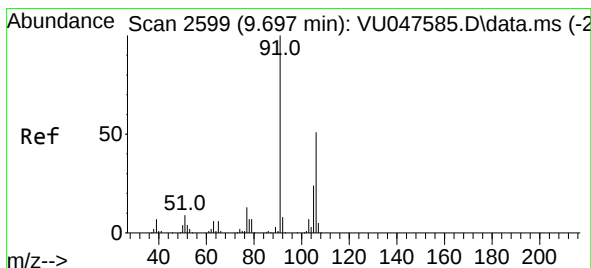
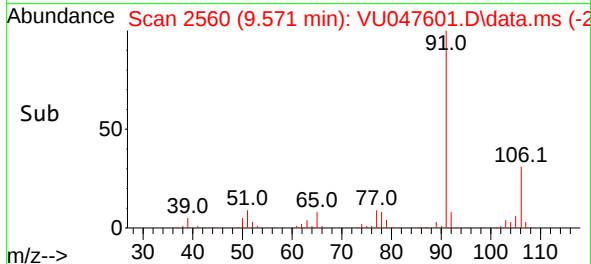
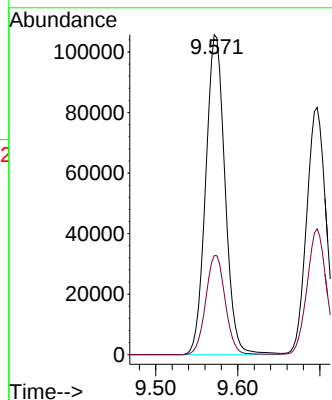
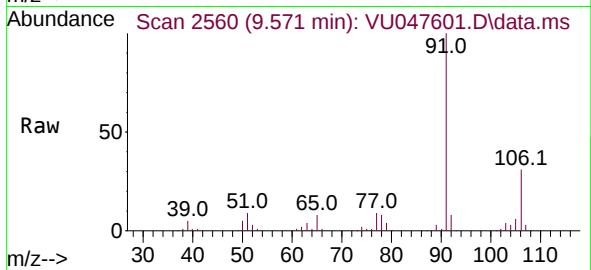




#52
Ethylbenzene
Concen: 5.029 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

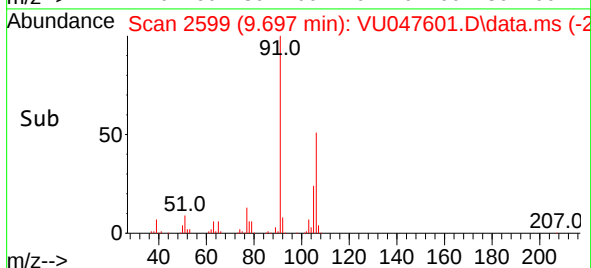
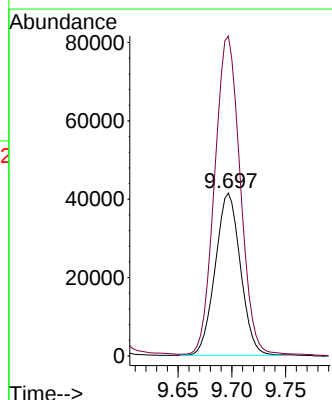
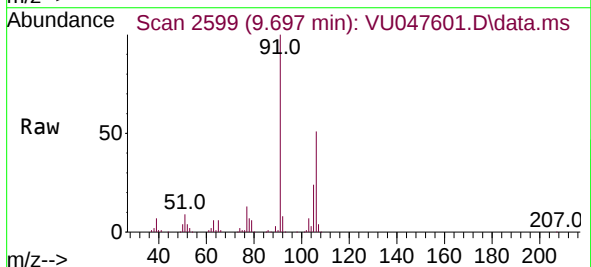
Instrument :
MSVOA_U
ClientSampleId :

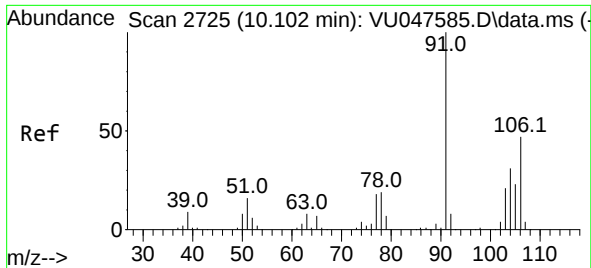
Tgt Ion: 91 Resp: 172744
Ion Ratio Lower Upper
91 100
106 31.0 22.2 41.2



#53
m,p-Xylene
Concen: 5.090 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

Tgt Ion: 106 Resp: 67598
Ion Ratio Lower Upper
106 100
91 196.5 136.6 253.8

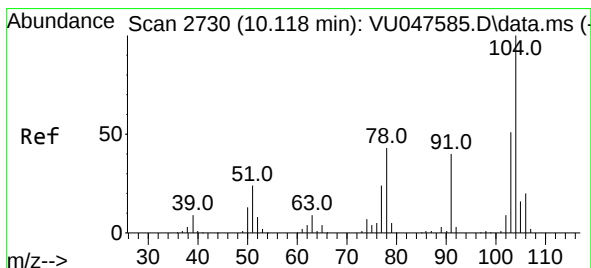
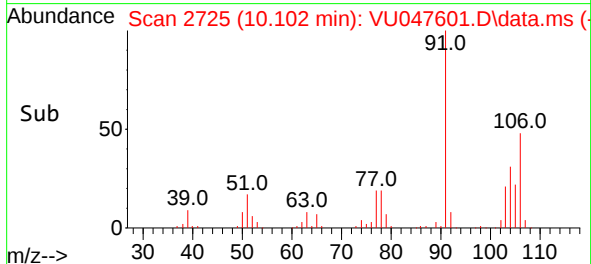
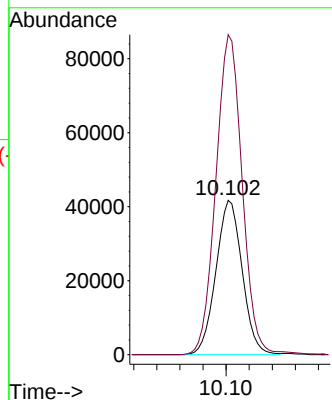
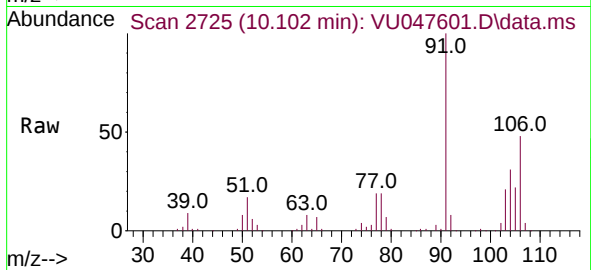




#54
o-Xylene
Concen: 5.017 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

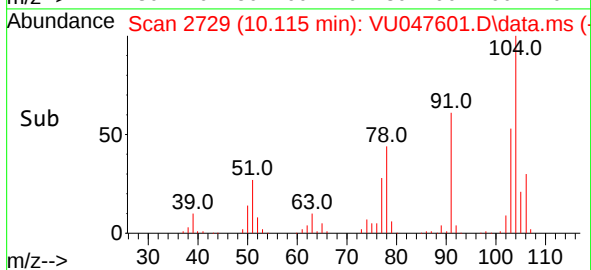
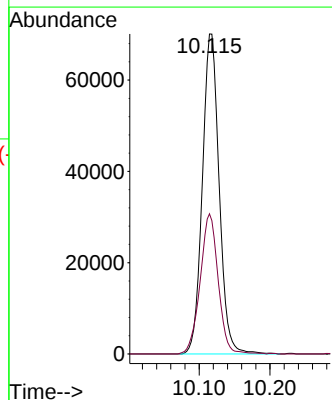
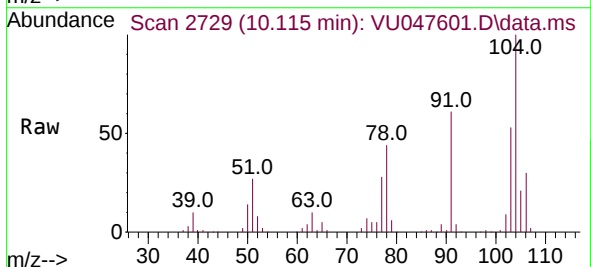
Instrument :
MSVOA_U
ClientSampleId :

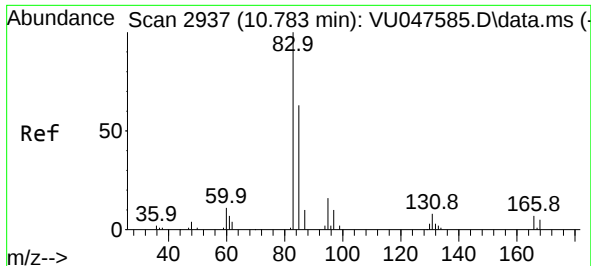
Tgt Ion:106 Resp: 65819
Ion Ratio Lower Upper
106 100
91 207.1 148.5 275.9



#55
Styrene
Concen: 5.128 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

Tgt Ion:104 Resp: 115556
Ion Ratio Lower Upper
104 100
78 43.8 31.0 57.6

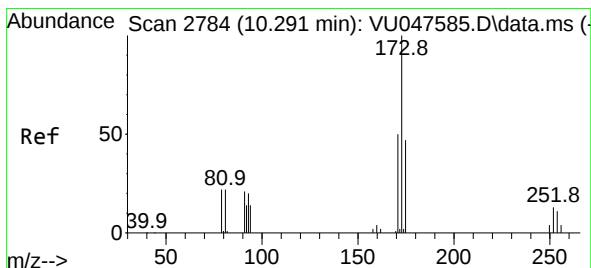
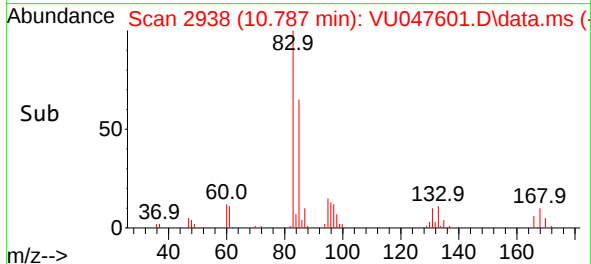
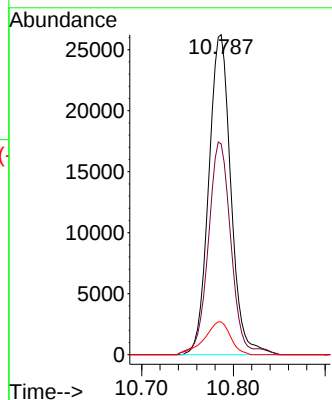
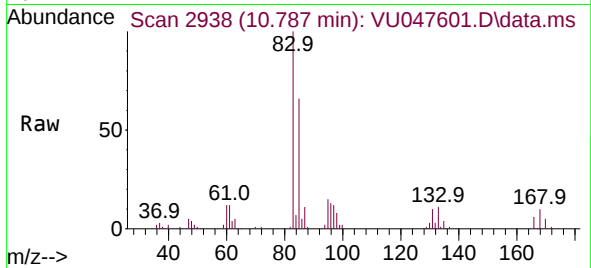




#57
1,1,2,2-Tetrachloroethane
Concen: 4.996 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

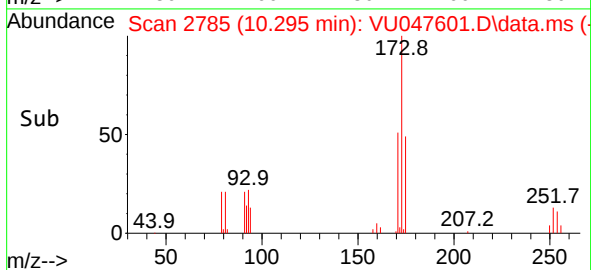
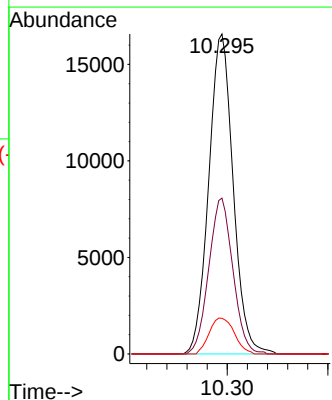
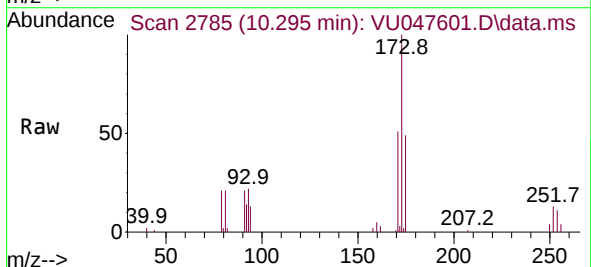
Instrument :
MSVOA_U
ClientSampleId :

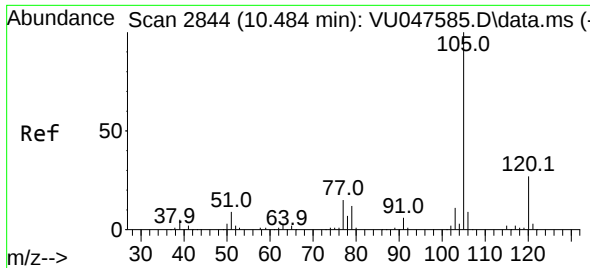
Tgt Ion: 83 Resp: 44022
Ion Ratio Lower Upper
83 100
85 65.8 46.7 86.7
131 10.3 8.0 12.0



#59
Bromoform
Concen: 5.312 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

Tgt Ion:173 Resp: 27916
Ion Ratio Lower Upper
173 100
175 48.0 39.7 59.5
254 11.5 9.0 13.6

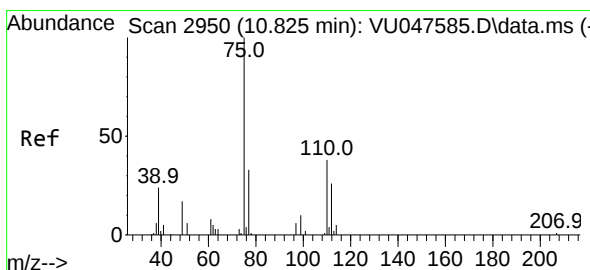
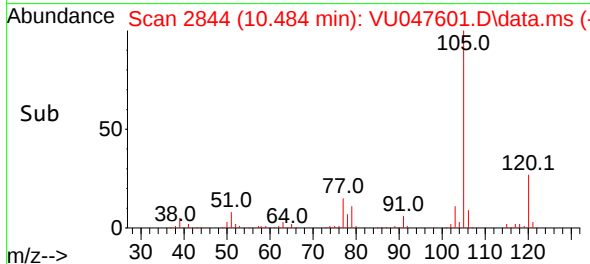
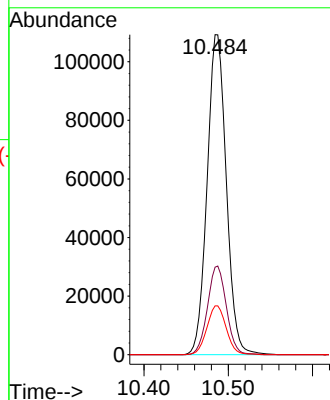
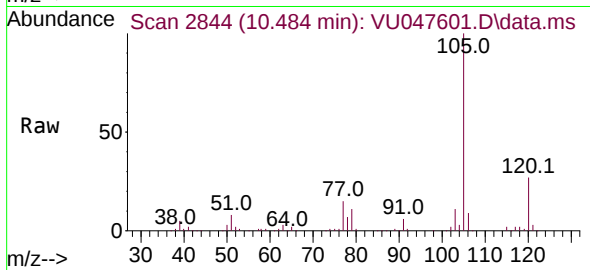




#60
Isopropylbenzene
Concen: 5.143 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

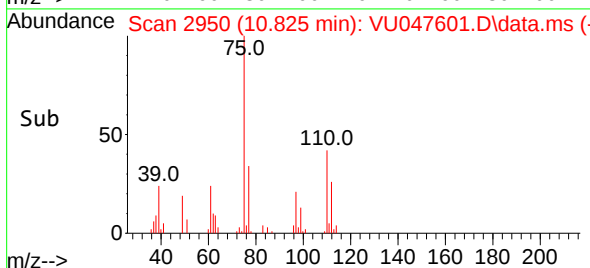
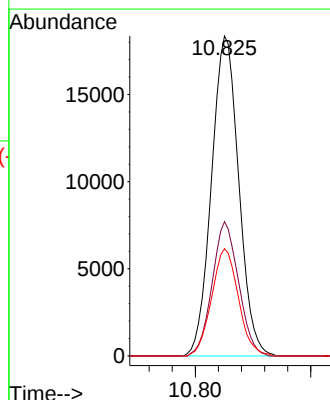
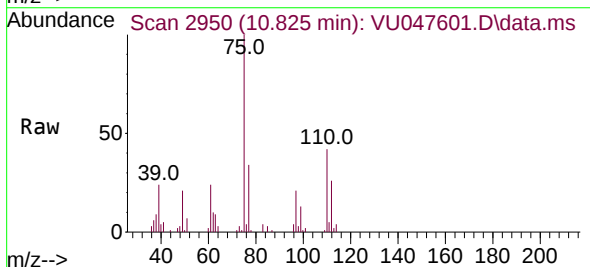
Instrument :
MSVOA_U
ClientSampleId :

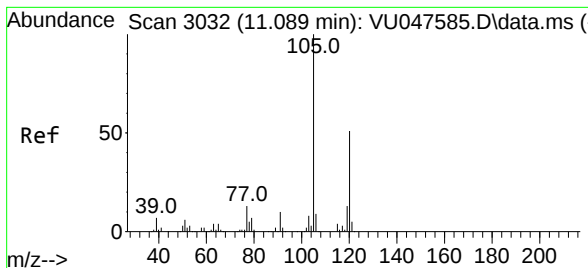
Tgt Ion:105 Resp: 173086
Ion Ratio Lower Upper
105 100
120 27.2 22.2 33.4
77 15.4 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.814 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

Tgt Ion: 75 Resp: 30079
Ion Ratio Lower Upper
75 100
110 40.5 30.2 45.4
77 32.9 26.6 39.8





#62

1,3,5-Trimethylbenzene

Concen: 4.991 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047601.D

Acq: 17 Mar 2022 10:31

Instrument :

MSVOA_U

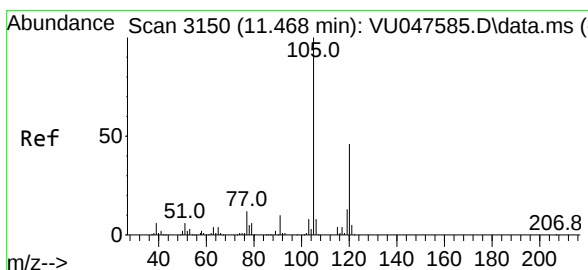
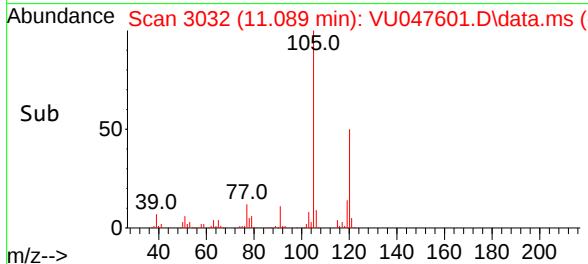
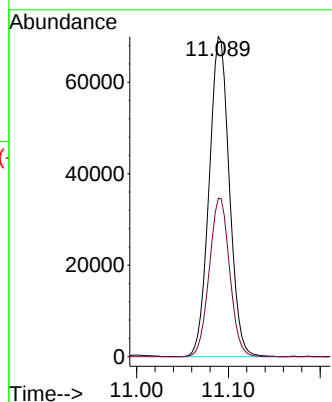
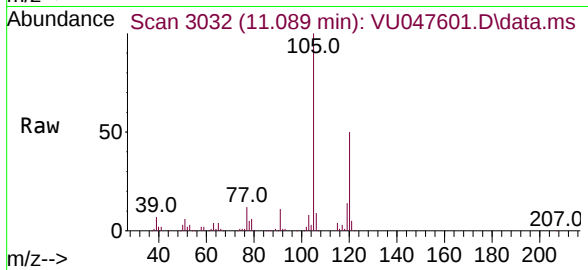
ClientSampleId :

Tgt Ion:105 Resp: 107229

Ion Ratio Lower Upper

105 100

120 49.9 40.2 60.4



#63

1,2,4-Trimethylbenzene

Concen: 5.089 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU047601.D

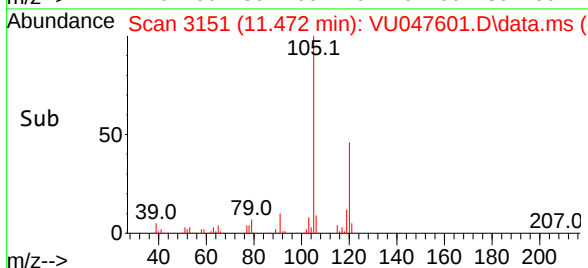
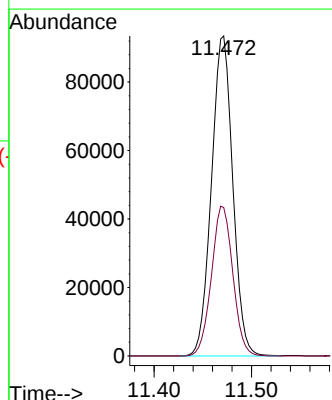
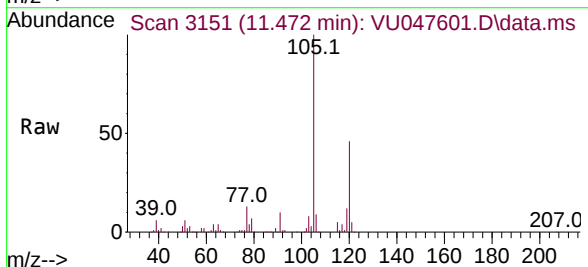
Acq: 17 Mar 2022 10:31

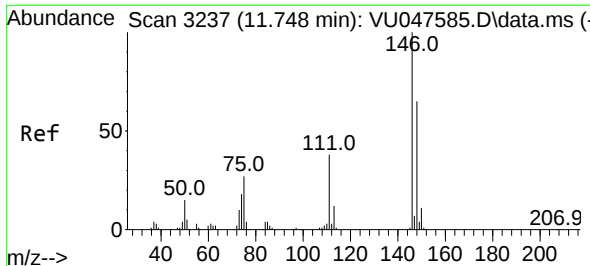
Tgt Ion:105 Resp: 141948

Ion Ratio Lower Upper

105 100

120 46.9 38.2 57.4

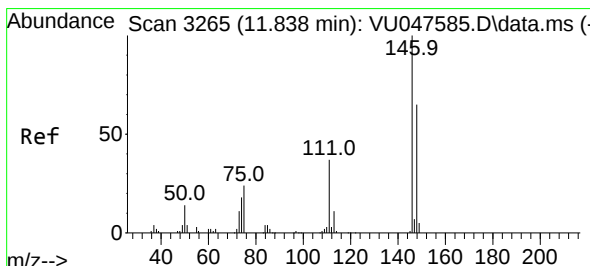
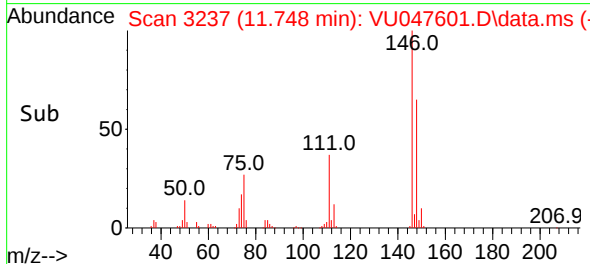
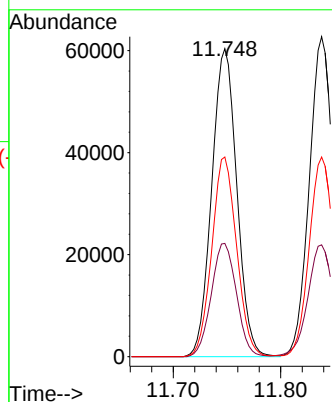
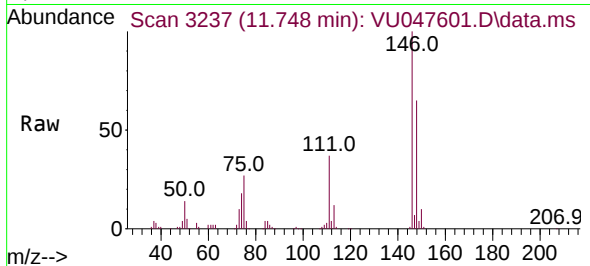




#64
1,3-Dichlorobenzene
Concen: 5.210 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

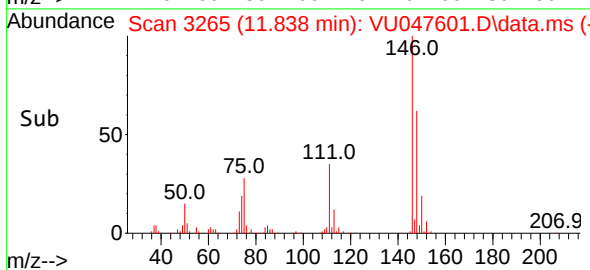
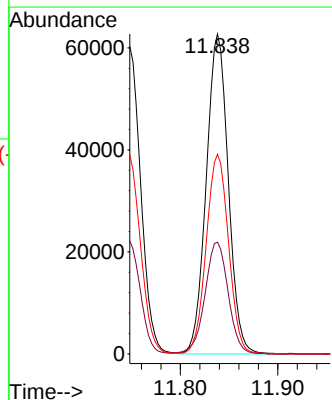
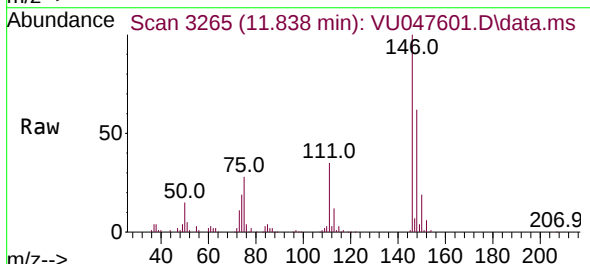
Instrument :
MSVOA_U
ClientSampleId :

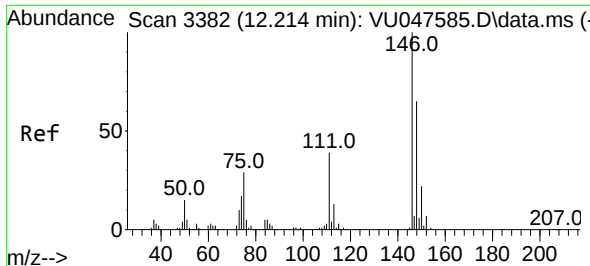
Tgt Ion:146 Resp: 97780
Ion Ratio Lower Upper
146 100
111 36.8 27.7 51.5
148 64.8 46.5 86.5



#65
1,4-Dichlorobenzene
Concen: 5.146 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

Tgt Ion:146 Resp: 98656
Ion Ratio Lower Upper
146 100
111 34.9 26.2 48.8
148 62.4 44.3 82.3

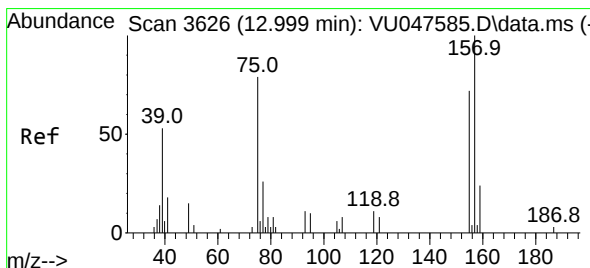
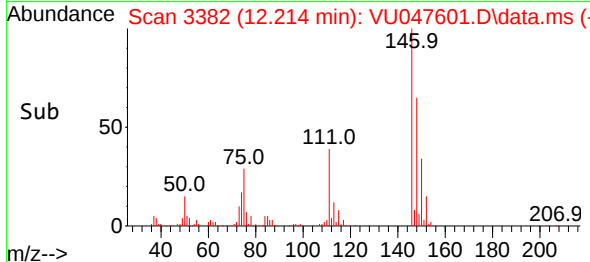
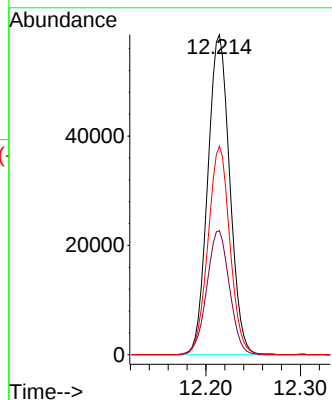
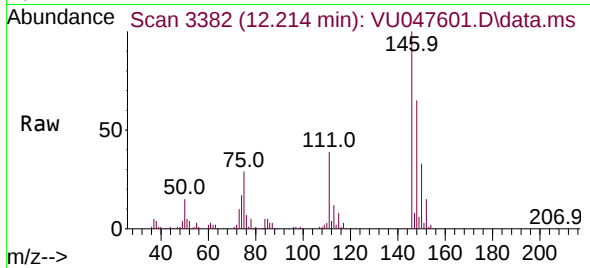




#67
1,2-Dichlorobenzene
Concen: 5.089 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

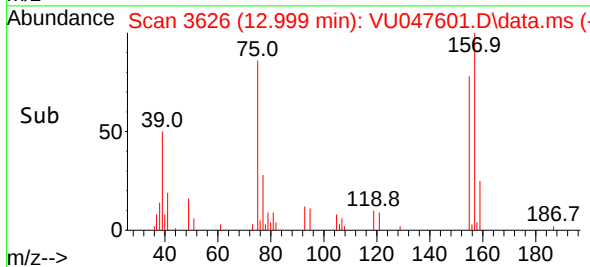
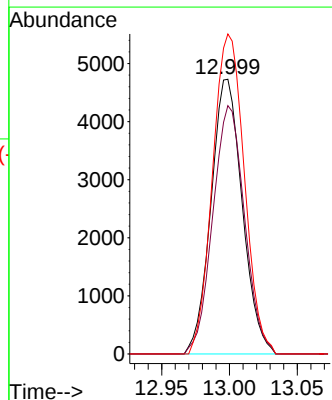
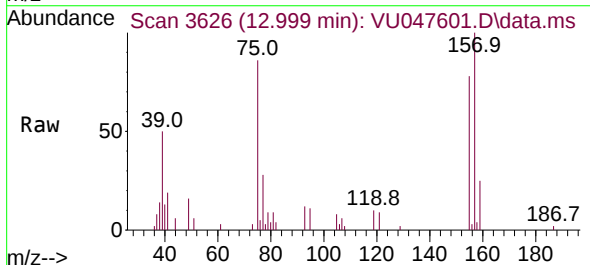
Instrument :
MSVOA_U
ClientSampleId :

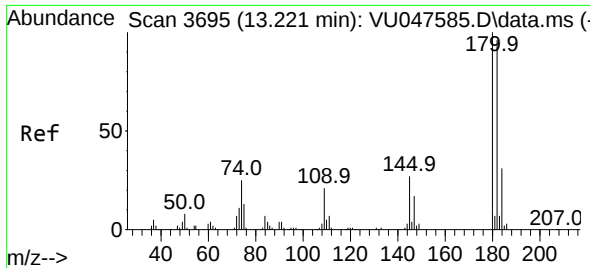
Tgt Ion:146 Resp: 94444
Ion Ratio Lower Upper
146 100
111 38.8 31.4 47.0
148 65.1 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 5.066 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

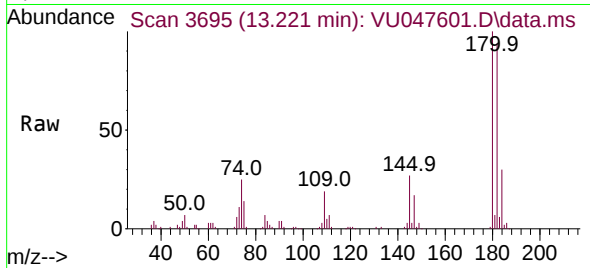
Tgt Ion: 75 Resp: 7594
Ion Ratio Lower Upper
75 100
155 90.4 70.8 106.2
157 116.5 99.4 149.2



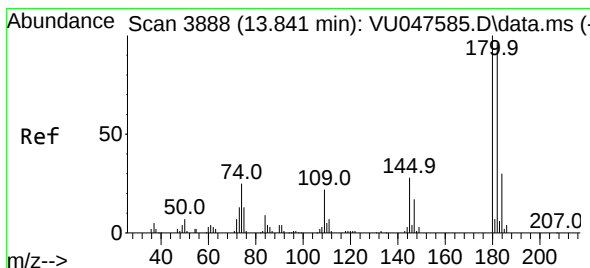
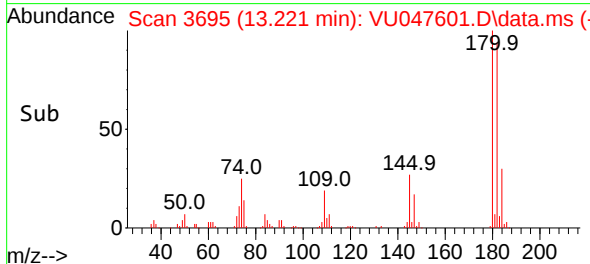
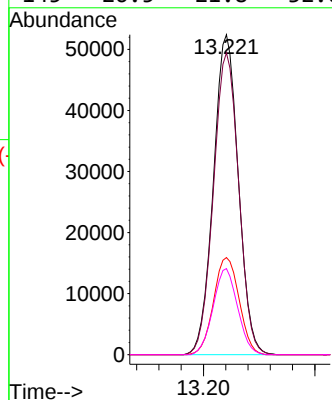


#69
 1,3,5-Trichlorobenzene
 Concen: 5.127 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047601.D
 Acq: 17 Mar 2022 10:31

Instrument :
 MSVOA_U
 ClientSampleId :

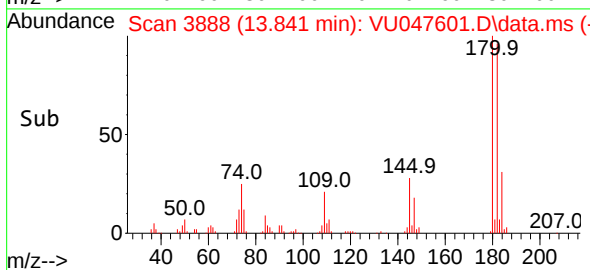
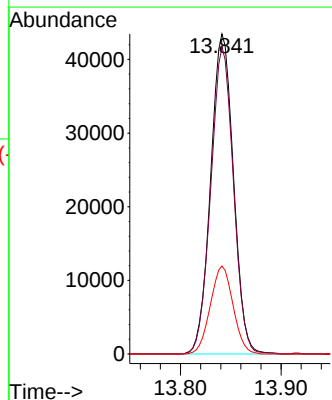
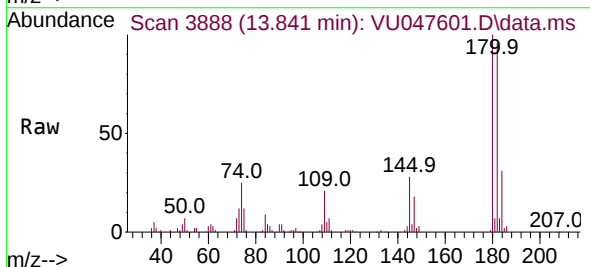


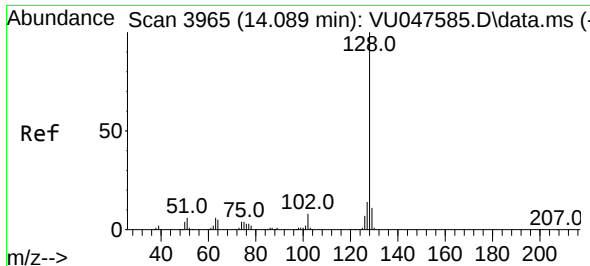
Tgt Ion:180 Resp: 81348
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.3 115.9
 184 31.1 24.3 36.5
 145 26.5 21.8 32.6



#70
 1,2,4-trichlorobenzene
 Concen: 4.905 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047601.D
 Acq: 17 Mar 2022 10:31

Tgt Ion:180 Resp: 68456
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.6 114.8
 145 27.4 22.5 33.7

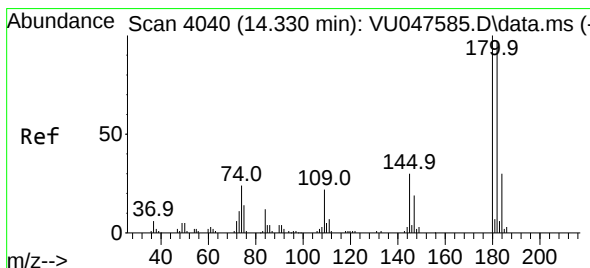
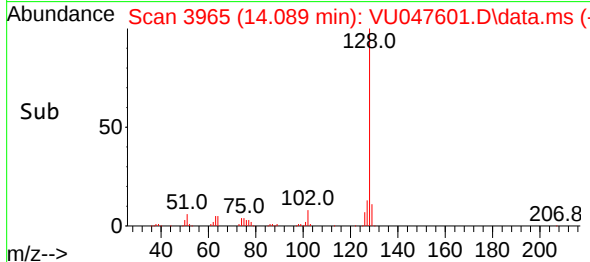
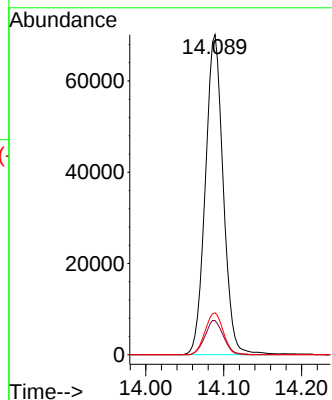
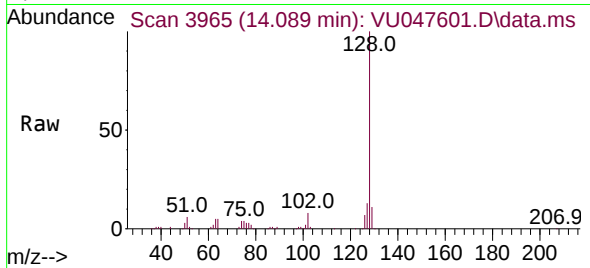




#71
Naphthalene
Concen: 4.313 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 111734
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.800 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047601.D
Acq: 17 Mar 2022 10:31

Tgt Ion:180 Resp: 64290
Ion Ratio Lower Upper
180 100
182 96.5 77.8 116.8
145 29.2 23.7 35.5

