

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047401.D
 Acq On : 09 Mar 2022 13:15
 Operator : SY/MD
 Sample : VSTD0.513
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5013

Quant Time: Mar 10 00:29:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	182310	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	173726	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	96449	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	5144	0.251	ug/L	0.00
7) Chloroethane-d5	1.919	69	3816	0.242	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	2320	0.315	ug/L	0.00
20) 2-Butanone-d5	4.652	46	8031	1.996	ug/L	0.00
24) Chloroform-d	5.070	84	8115	0.249	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	4142	0.250	ug/L	0.00
32) Benzene-d6	5.729	84	17063	0.314	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	5283	0.311	ug/L	0.00
41) Toluene-d8	7.903	98	16807	0.348	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	1968	0.304	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	8544	2.845	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	4317	0.300	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	6616	0.370	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	7104	0.447	ug/L	99
3) Chloromethane	1.523	50	7194	0.378	ug/L	96
5) Vinyl chloride	1.607	62	6942	0.364	ug/L	97
6) Bromomethane	1.861	94	4030	0.380	ug/L	94
8) Chloroethane	1.938	64	4187	0.370	ug/L	98
9) Trichlorofluoromethane	2.144	101	8952	0.370	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	5613	0.391	ug/L	98
12) 1,1-Dichloroethene	2.588	96	5570	0.435	ug/L	95
14) Carbon disulfide	2.800	76	16807	0.416	ug/L	99
15) Methyl Acetate	2.957	43	2561	0.478	ug/L #	84
17) Methyl tert-butyl Ether	3.369	73	14046	0.480	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	5837	0.429	ug/L	99
19) 1,1-Dichloroethane	3.877	63	10033	0.406	ug/L	96
21) 2-Butanone	4.726	43	12242	3.386	ug/L	95
22) cis-1,2-Dichloroethene	4.674	96	6541	0.459	ug/L	96
23) Bromochloromethane	4.983	128	2846	0.410	ug/L	98
27) 1,2-Dichloroethane	5.797	62	6859	0.421	ug/L #	94
29) 1,1,1-Trichloroethane	5.324	97	8968	0.460	ug/L	98
30) Cyclohexane	5.395	56	8578	0.529	ug/L	99
31) Carbon tetrachloride	5.523	117	7768	0.460	ug/L	94
33) Benzene	5.777	78	23734	0.494	ug/L	100
34) Trichloroethene	6.546	95	6356	0.513	ug/L	95
35) Methylcyclohexane	6.764	83	9950	0.568	ug/L	98
37) 1,2-Dichloropropane	6.793	63	5873	0.466	ug/L #	96
38) Bromodichloromethane	7.108	83	8069	0.488	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	8255	0.486	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	38880	5.544	ug/L	97
42) Toluene	7.970	91	25742	0.521	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	7777	0.517	ug/L	89
45) 1,1,2-Trichloroethane	8.404	97	4584	0.481	ug/L	94
47) Tetrachloroethene	8.555	164	5429	0.558	ug/L	92
48) 2-Hexanone	8.690	43	27401	5.204	ug/L	97

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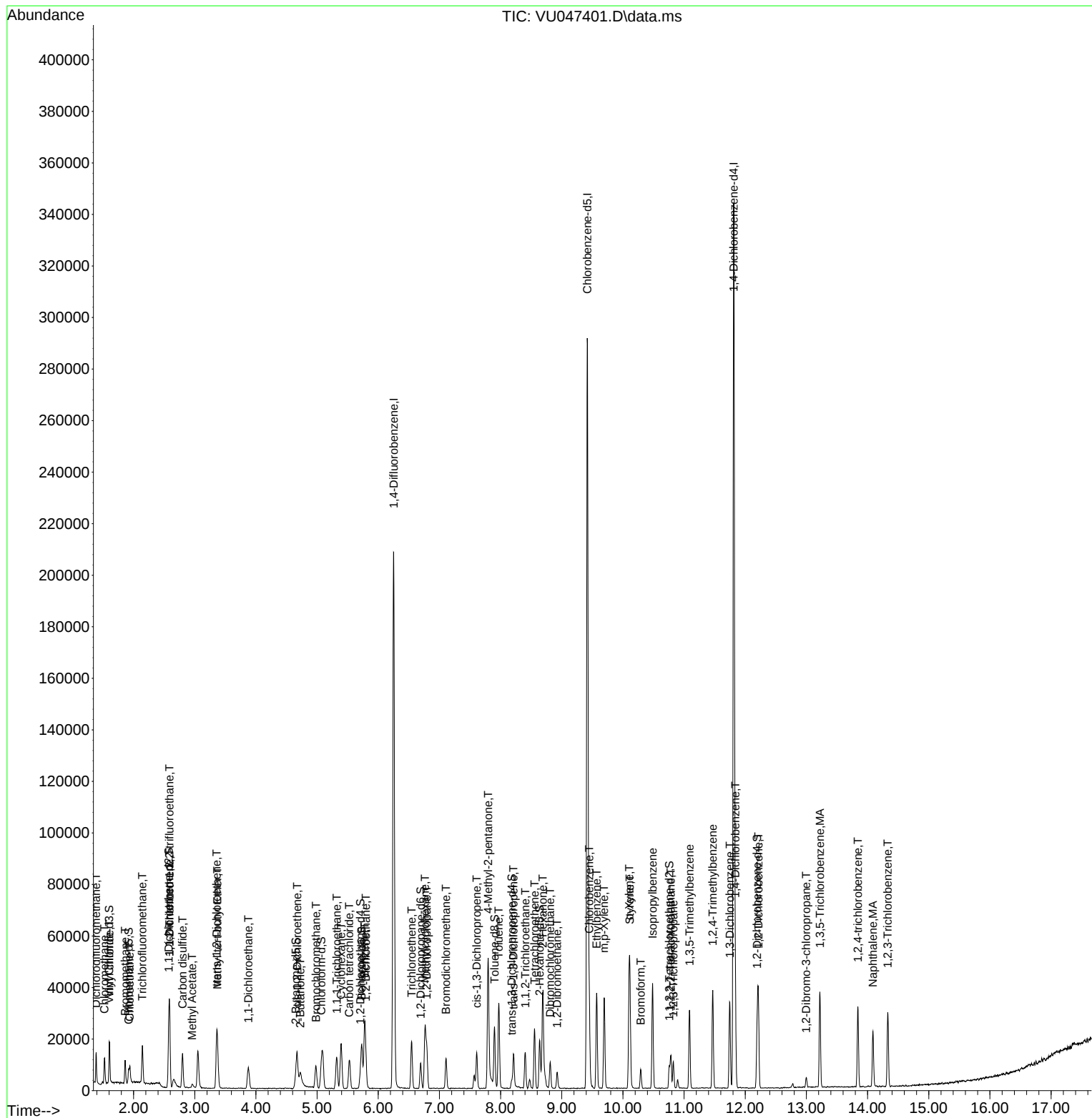
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	8.813	129	5441	0.481	ug/L	94
50) 1,2-Dibromoethane	8.925	107	4858	0.539	ug/L	97
51) Chlorobenzene	9.449	112	17187	0.521	ug/L	98
52) Ethylbenzene	9.571	91	27337	0.535	ug/L	99
53) m,p-Xylene	9.694	106	10549	0.533	ug/L	95
54) o-Xylene	10.102	106	10077	0.546	ug/L	96
55) Styrene	10.115	104	16369	0.507	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	6072	0.487	ug/L	98
59) Bromoform	10.292	173	3462	0.541	ug/L #	98
60) Isopropylbenzene	10.484	105	27177	0.562	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	4531	0.507	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	17177	0.471	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	21670	0.557	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	15056	0.581	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	15459	0.583	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	14409	0.577	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.996	75	1023	0.533	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	12016	0.599	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	10392	0.620	ug/L	97
71) Naphthalene	14.089	128	18581	0.636	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	9726	0.619	ug/L	99

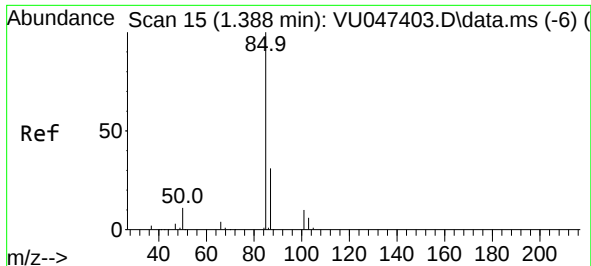
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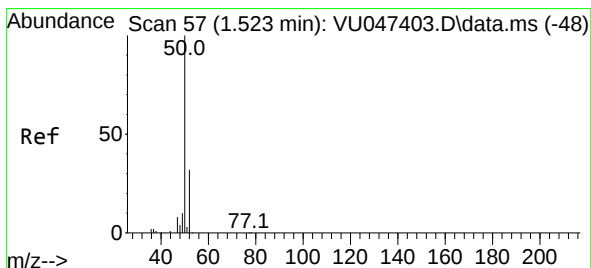
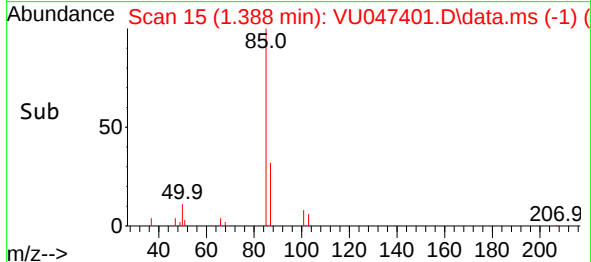
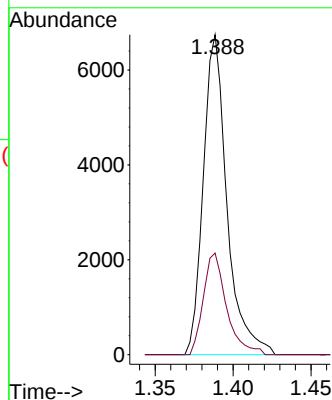
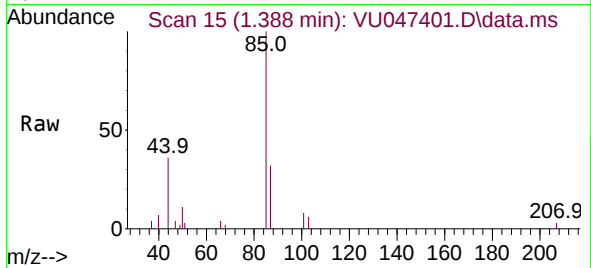




#2
Dichlorodifluoromethane
Concen: 0.447 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

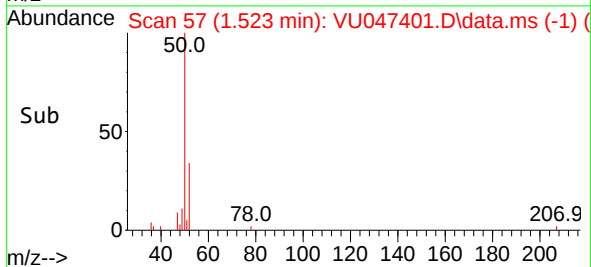
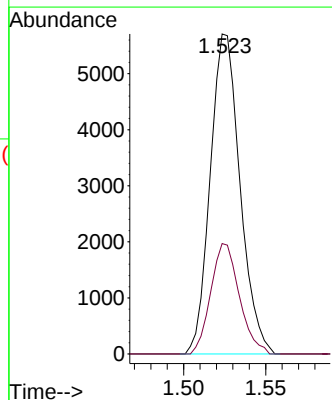
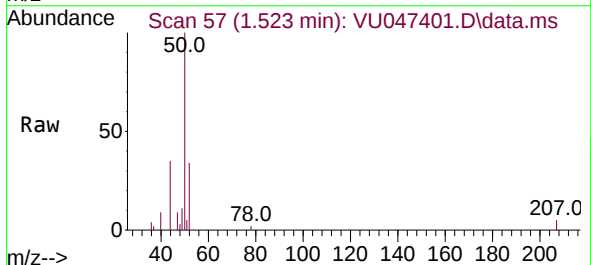
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MSVOA_U
ClientSampleId :
VSTD0.5013

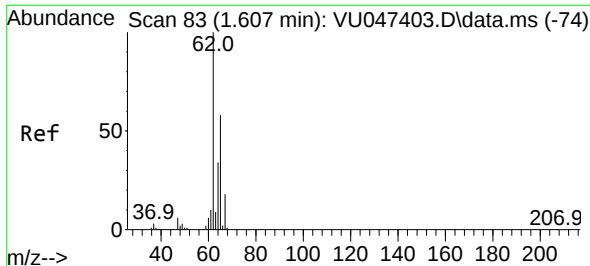
Tgt Ion: 85 Resp: 7104
Ion Ratio Lower Upper
85 100
87 31.2 25.6 38.4



#3
Chloromethane
Concen: 0.378 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion: 50 Resp: 7194
Ion Ratio Lower Upper
50 100
52 34.5 22.5 41.9

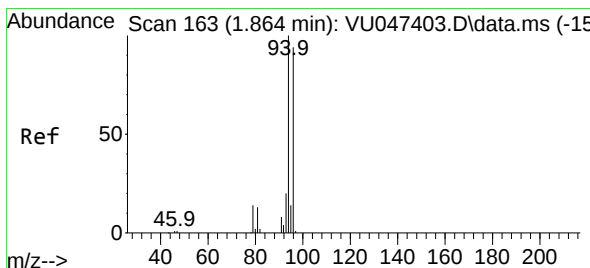
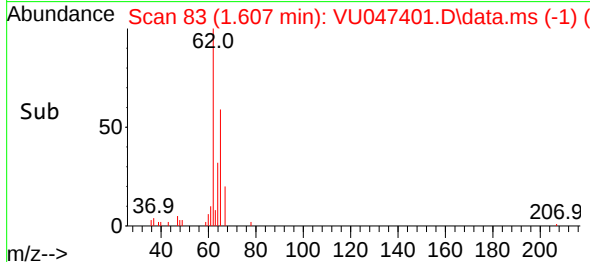
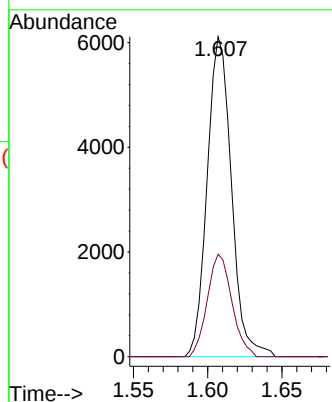
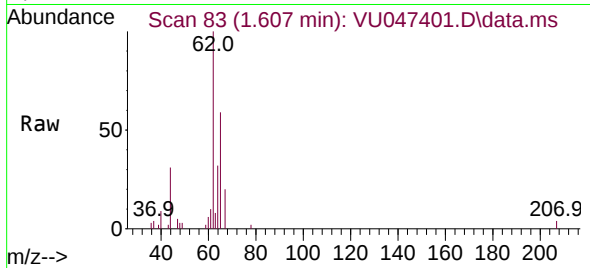




#5
 Vinyl chloride
 Concen: 0.364 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047401.D
 Acq: 09 Mar 2022 13:15

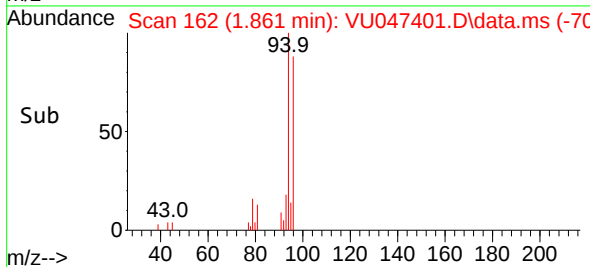
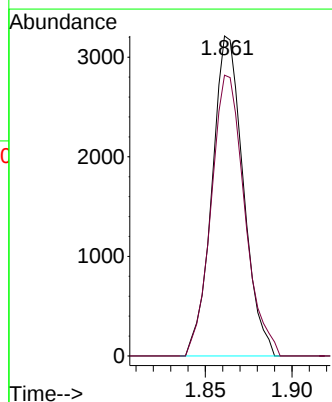
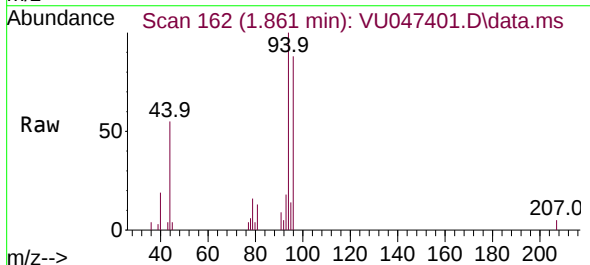
Instrument :
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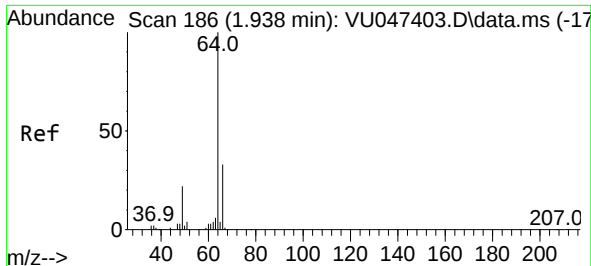
Tgt Ion: 62 Resp: 6942
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.7 43.9



#6
 Bromomethane
 Concen: 0.380 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047401.D
 Acq: 09 Mar 2022 13:15

Tgt Ion: 94 Resp: 4030
 Ion Ratio Lower Upper
 94 100
 96 87.7 65.6 121.8

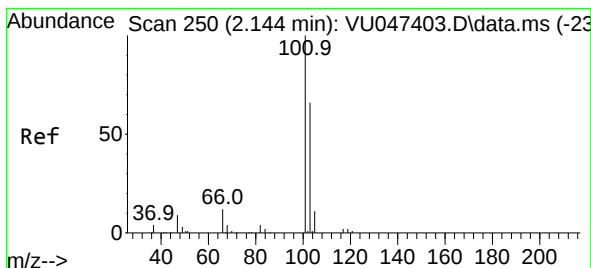
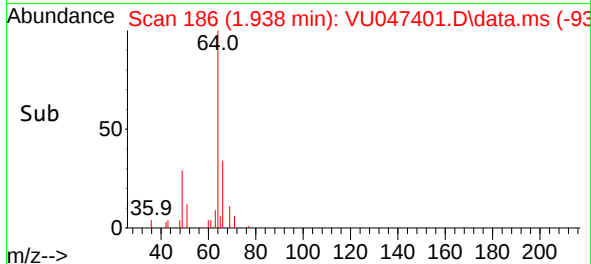
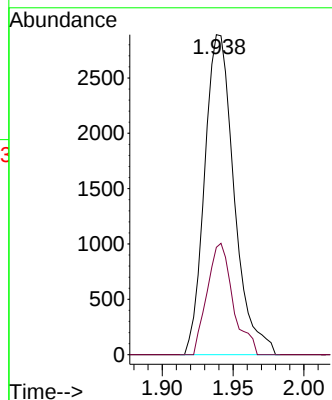
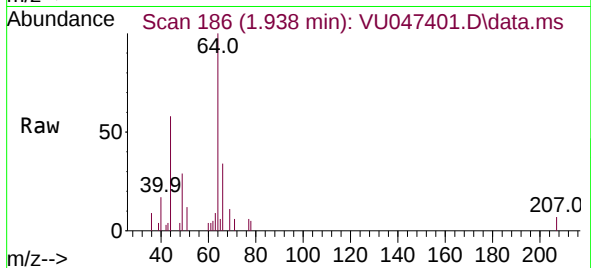




#8
Chloroethane
Concen: 0.370 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

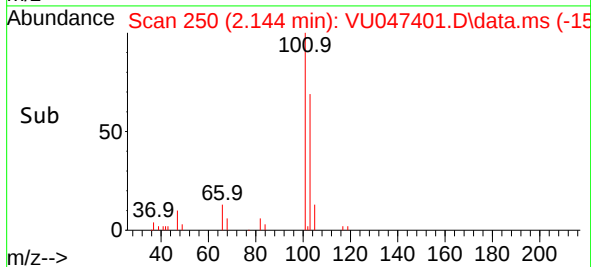
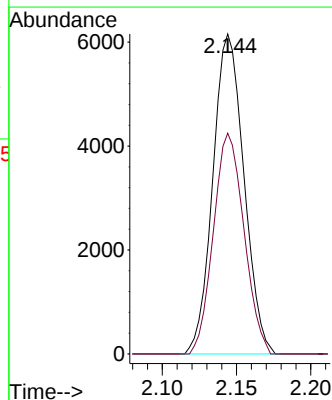
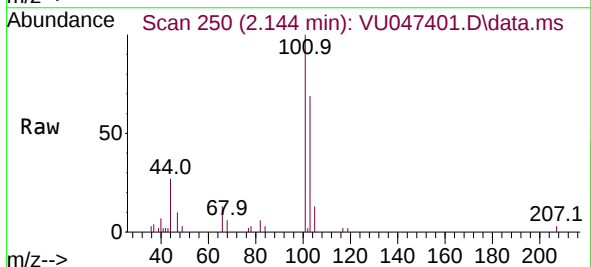
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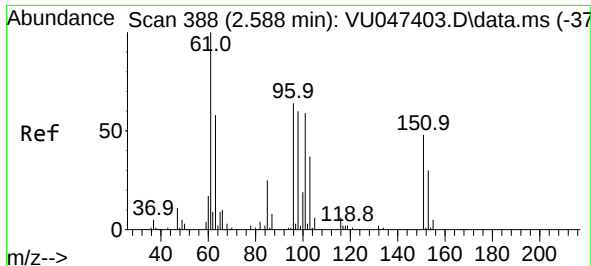
Tgt Ion: 64 Resp: 4187
Ion Ratio Lower Upper
64 100
66 33.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 0.370 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion: 101 Resp: 8952
Ion Ratio Lower Upper
101 100
103 67.9 51.8 77.8

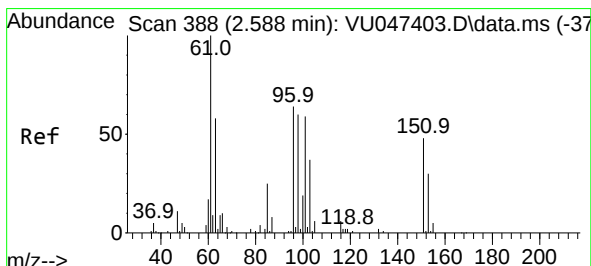
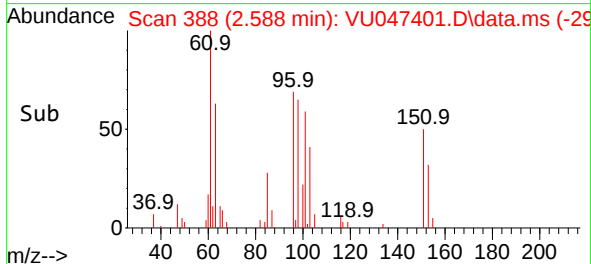
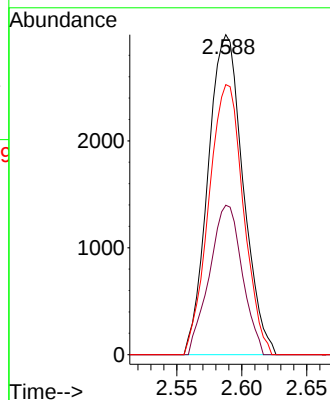
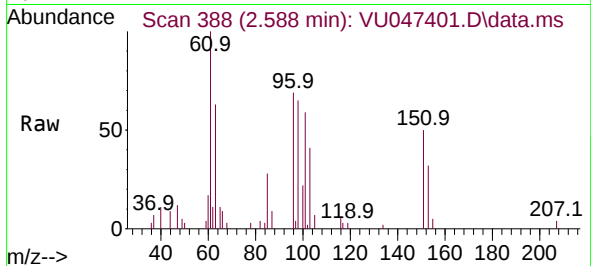




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.391 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047401.D
 Acq: 09 Mar 2022 13:15

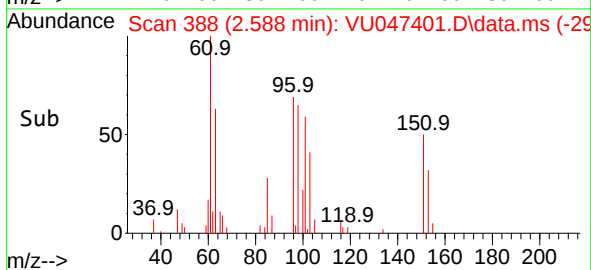
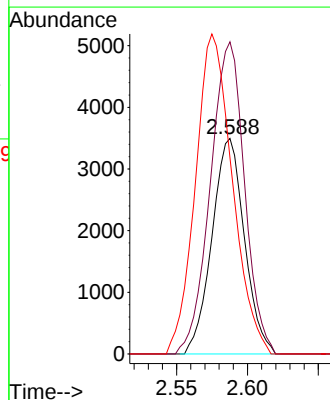
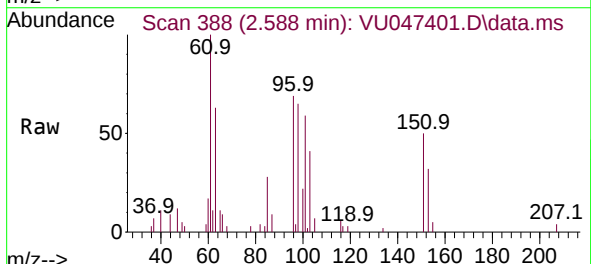
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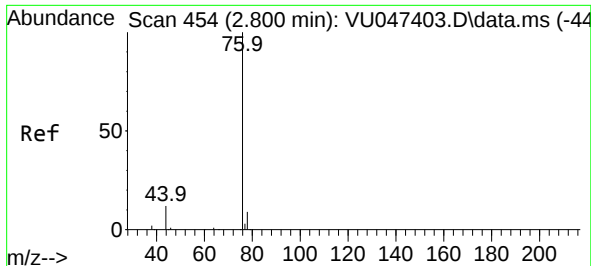
Tgt Ion:101 Resp: 5613
 Ion Ratio Lower Upper
 101 100
 85 43.5 33.8 50.6
 151 83.3 64.8 97.2



#12
 1,1-Dichloroethene
 Concen: 0.435 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047401.D
 Acq: 09 Mar 2022 13:15

Tgt Ion: 96 Resp: 5570
 Ion Ratio Lower Upper
 96 100
 61 144.9 108.8 202.0
 63 91.1 64.0 119.0

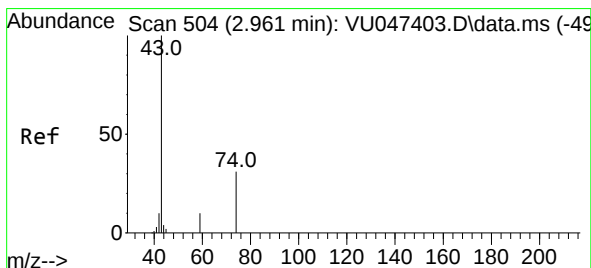
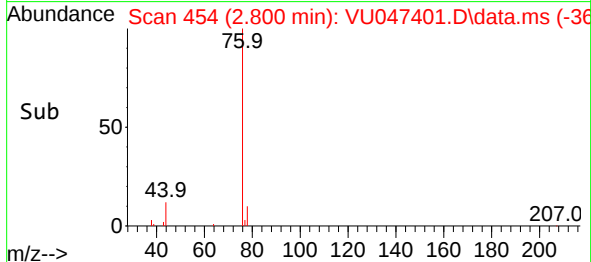
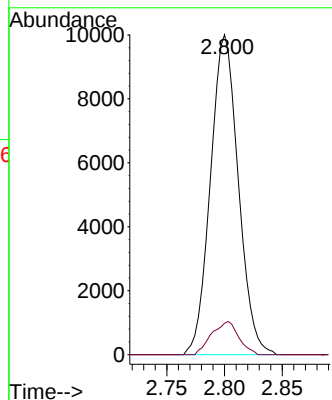
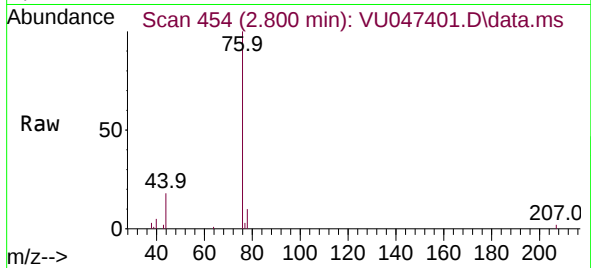




#14
Carbon disulfide
Concen: 0.416 ug/L
RT: 2.800 min Scan# 414
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

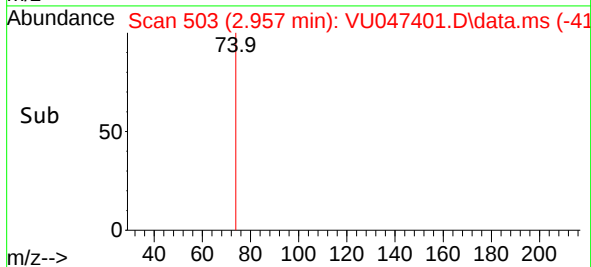
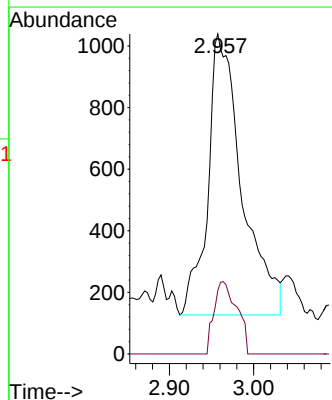
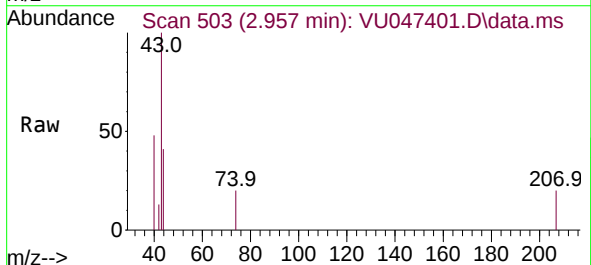
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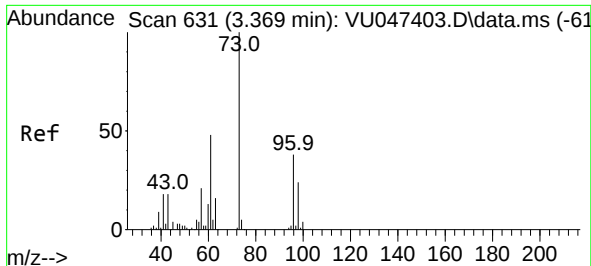
Tgt Ion: 76 Resp: 16807
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2



#15
Methyl Acetate
Concen: 0.478 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion: 43 Resp: 2561
Ion Ratio Lower Upper
43 100
74 17.3 20.2 30.2#





#17

Methyl tert-butyl Ether

Concen: 0.480 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047401.D

Acq: 09 Mar 2022 13:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5013

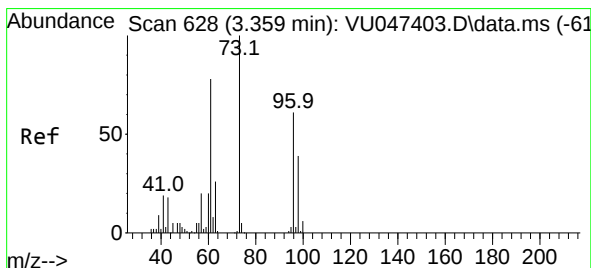
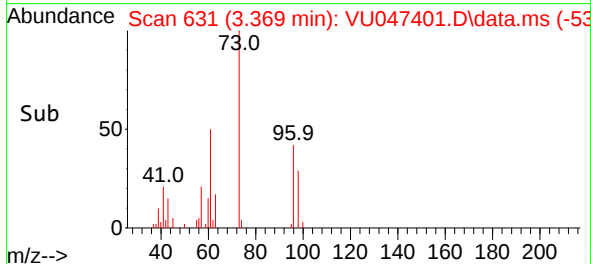
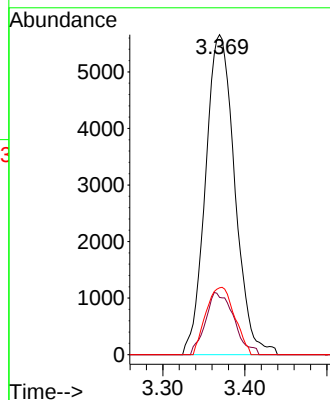
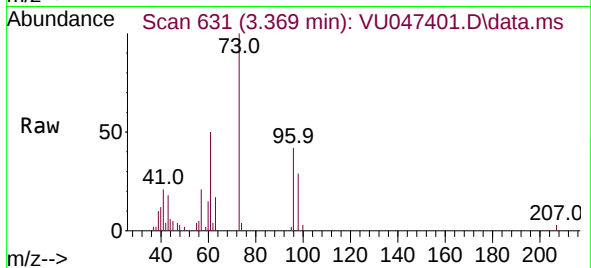
Tgt Ion: 73 Resp: 14046

Ion Ratio Lower Upper

73 100

43 18.8 14.6 22.0

57 20.5 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 0.429 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047401.D

Acq: 09 Mar 2022 13:15

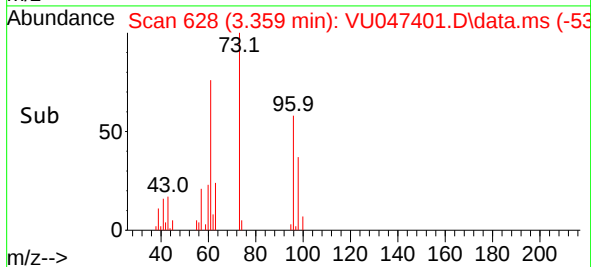
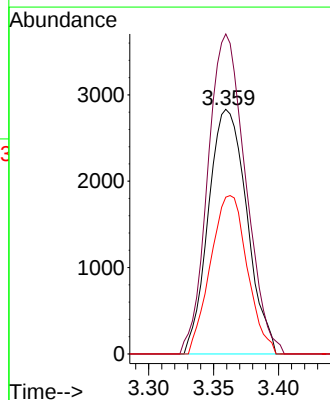
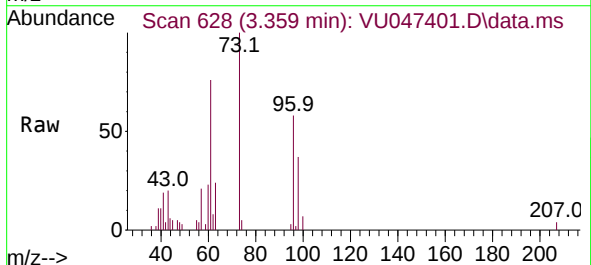
Tgt Ion: 96 Resp: 5837

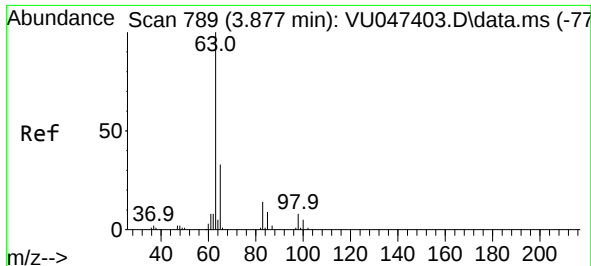
Ion Ratio Lower Upper

96 100

61 130.8 90.4 167.8

98 64.1 45.0 83.6





#19

1,1-Dichloroethane

Concen: 0.406 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU047401.D

Acq: 09 Mar 2022 13:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5013

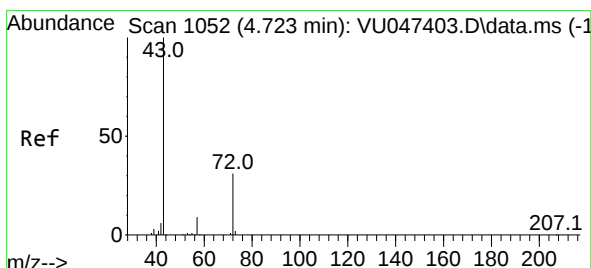
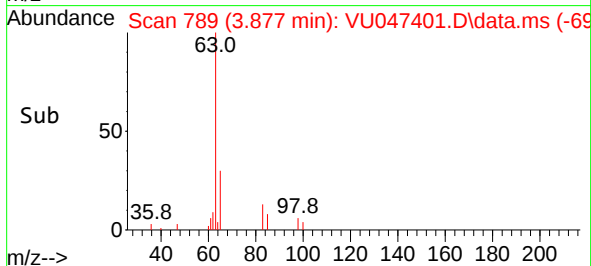
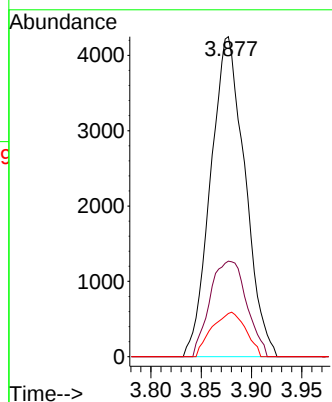
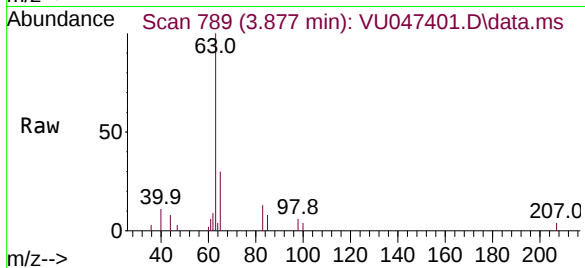
Tgt Ion: 63 Resp: 10033

Ion Ratio Lower Upper

63 100

65 29.9 22.8 42.4

83 13.5 9.9 18.3



#21

2-Butanone

Concen: 3.386 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.003 min

Lab File: VU047401.D

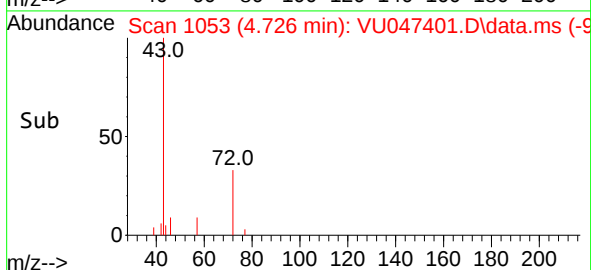
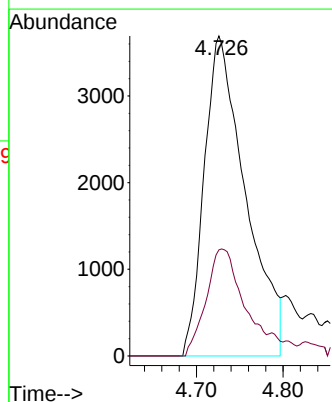
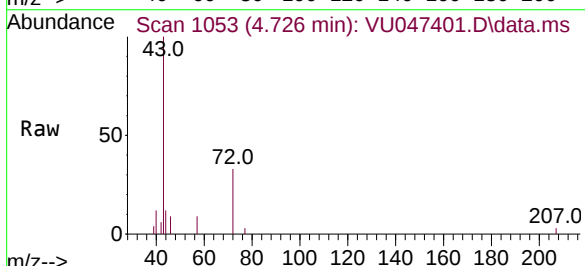
Acq: 09 Mar 2022 13:15

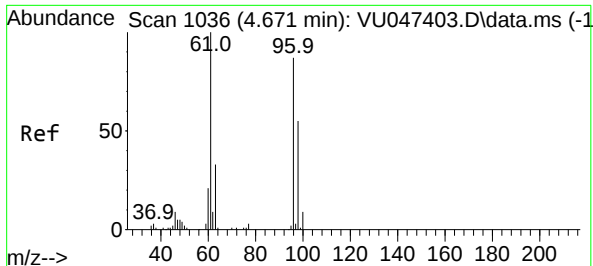
Tgt Ion: 43 Resp: 12242

Ion Ratio Lower Upper

43 100

72 31.9 14.7 44.1





#22

cis-1,2-Dichloroethene

Concen: 0.459 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU047401.D

Acq: 09 Mar 2022 13:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5013

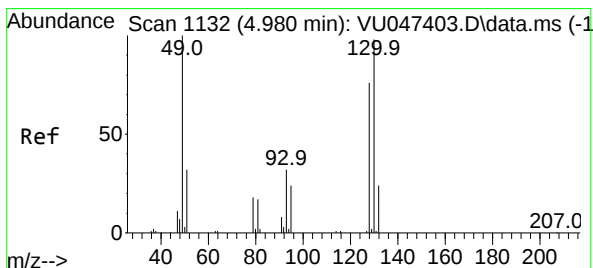
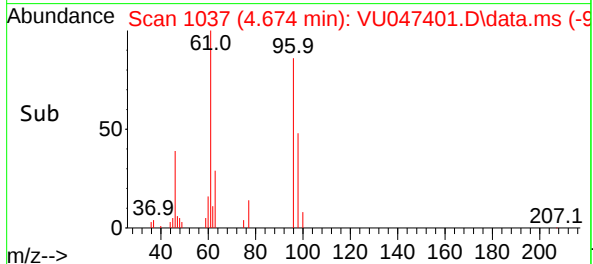
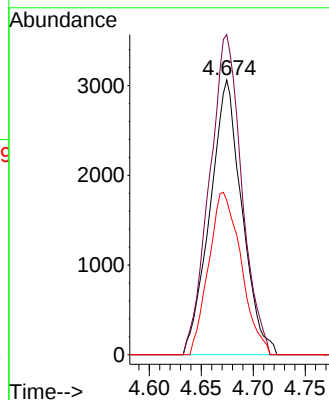
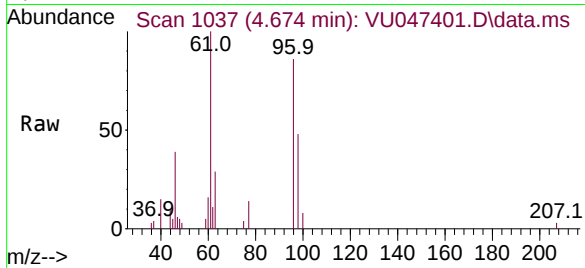
Tgt Ion: 96 Resp: 6541

Ion Ratio Lower Upper

96 100

61 116.5 80.8 150.0

98 56.2 44.7 83.1



#23

Bromochloromethane

Concen: 0.410 ug/L

RT: 4.983 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU047401.D

Acq: 09 Mar 2022 13:15

Tgt Ion: 128 Resp: 2846

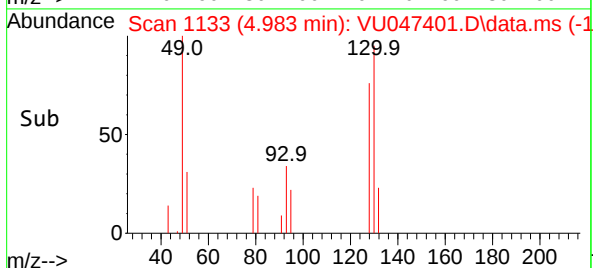
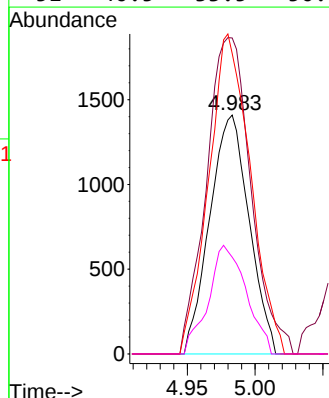
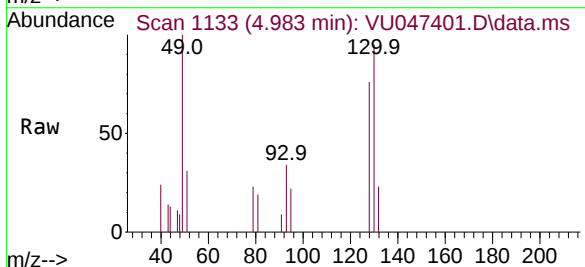
Ion Ratio Lower Upper

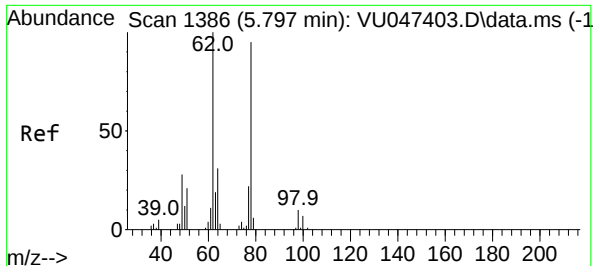
128 100

49 132.3 91.6 170.2

130 125.8 89.6 166.4

51 40.5 33.5 50.3

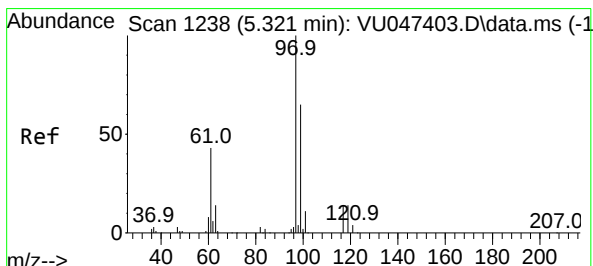
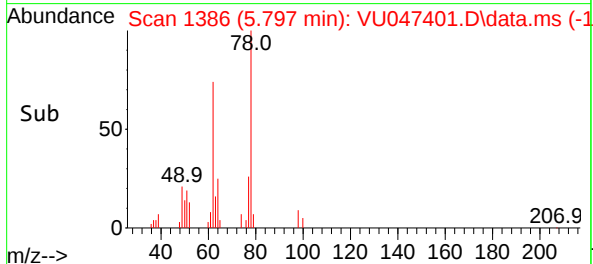
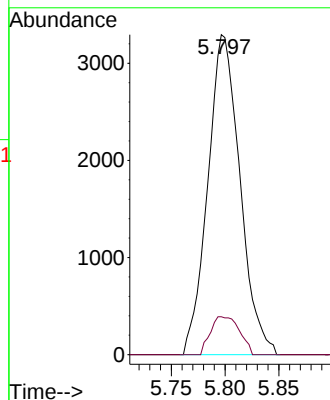
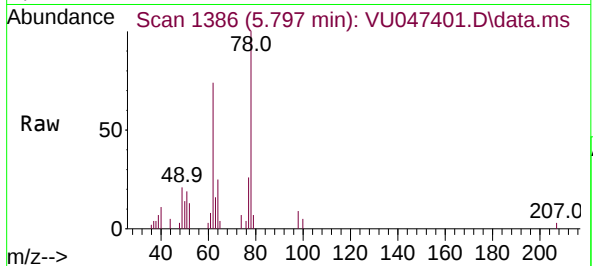




#27
1,2-Dichloroethane
Concen: 0.421 ug/L
RT: 5.797 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

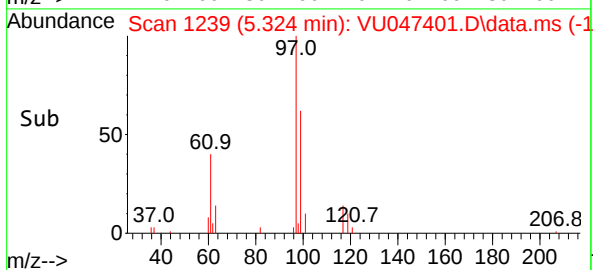
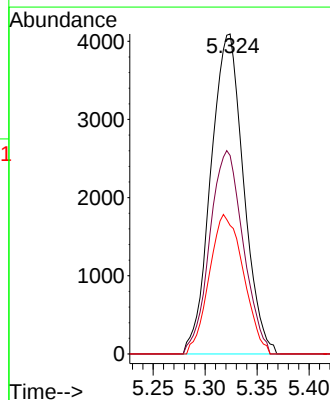
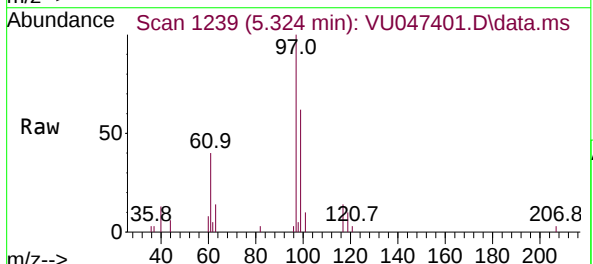
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5013

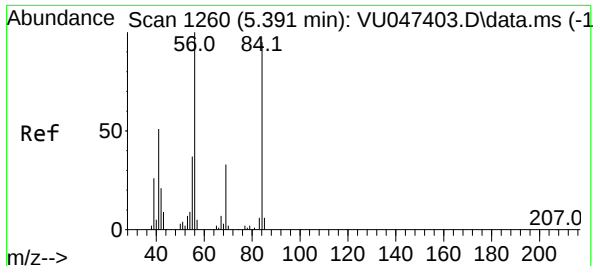
Tgt Ion: 62 Resp: 6859
Ion Ratio Lower Upper
62 100
98 11.9 7.8 11.8#



#29
1,1,1-Trichloroethane
Concen: 0.460 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.003 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion: 97 Resp: 8968
Ion Ratio Lower Upper
97 100
99 64.9 52.1 78.1
61 45.5 33.8 50.6

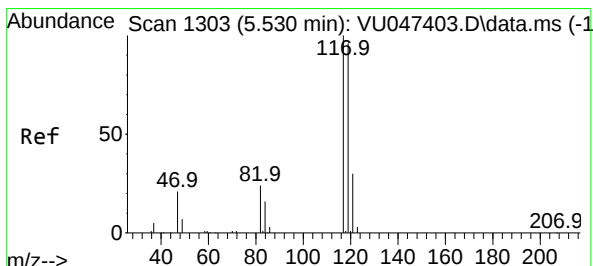
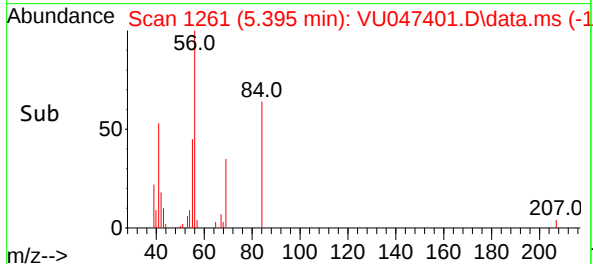
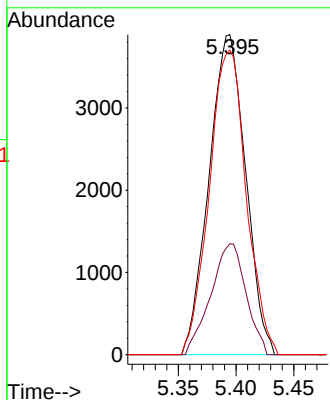
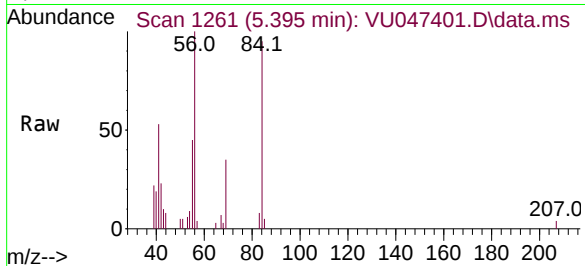




#30
Cyclohexane
Concen: 0.529 ug/L
RT: 5.395 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

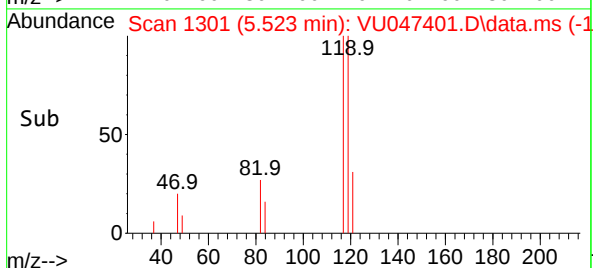
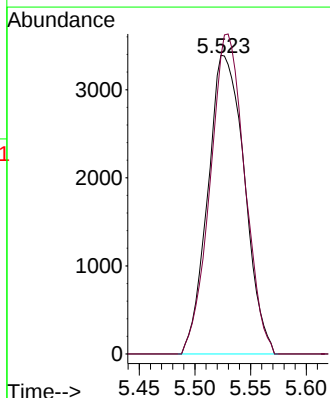
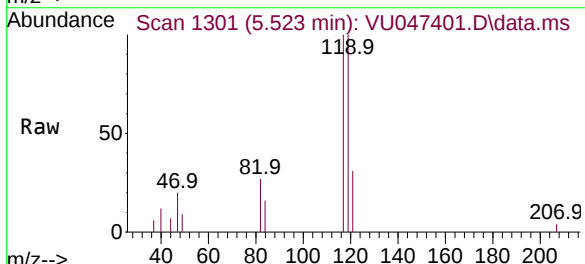
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5013

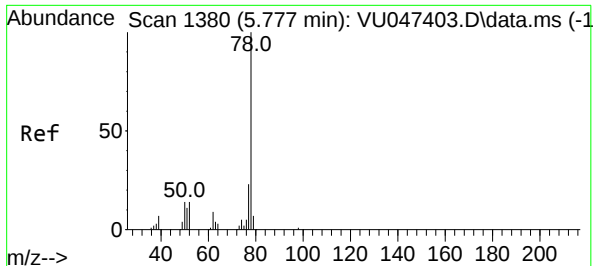
Tgt Ion: 56 Resp: 8578
Ion Ratio Lower Upper
56 100
69 33.4 26.0 39.0
84 96.0 76.3 114.5



#31
Carbon tetrachloride
Concen: 0.460 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.006 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion: 117 Resp: 7768
Ion Ratio Lower Upper
117 100
119 100.9 75.8 113.8

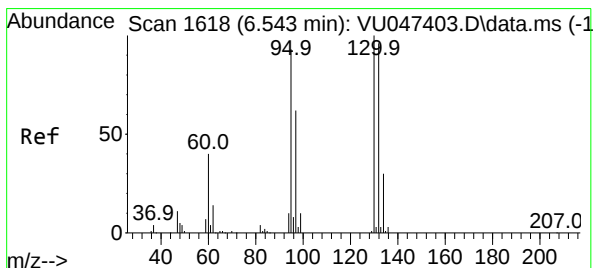
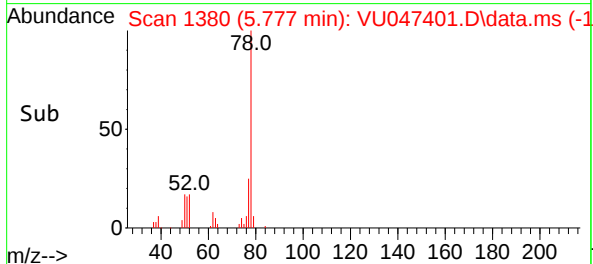
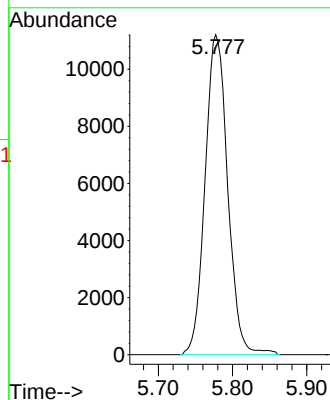
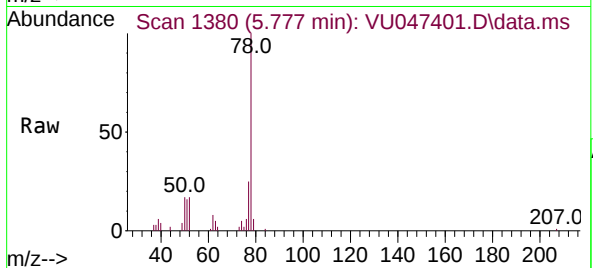




#33
Benzene
Concen: 0.494 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5013

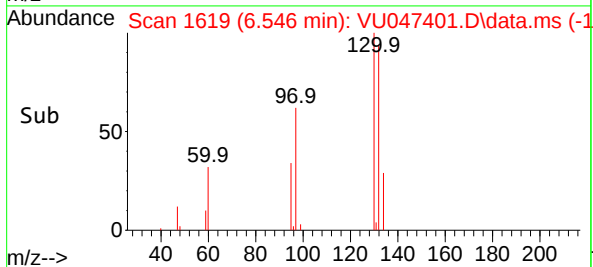
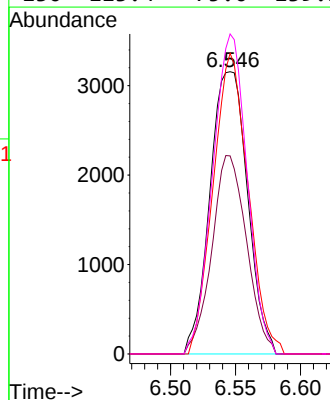
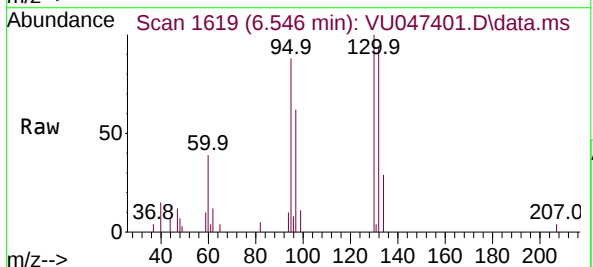
Tgt Ion: 78 Resp: 23734

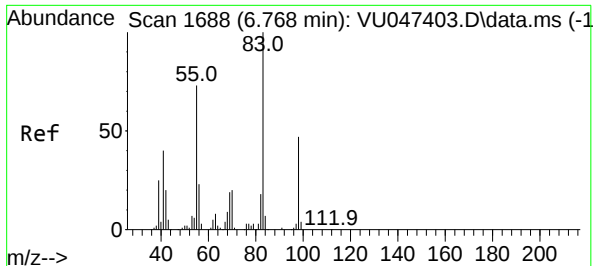


#34
Trichloroethene
Concen: 0.513 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion: 95 Resp: 6356

Ion	Ratio	Lower	Upper
95	100		
97	70.2	46.3	85.9
132	106.5	71.7	133.1
130	113.4	75.0	139.2

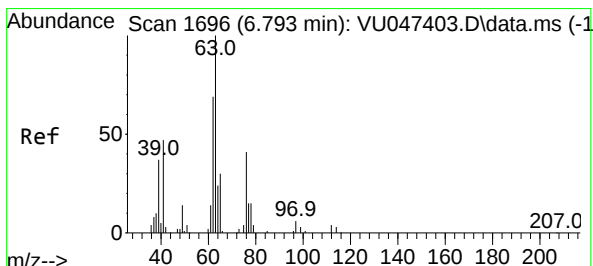
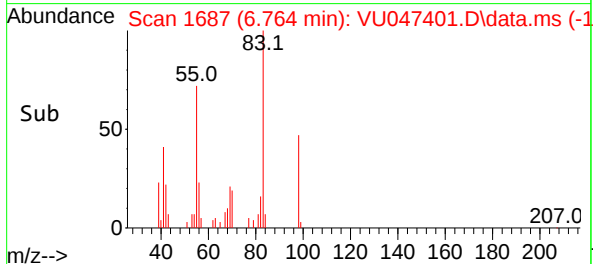
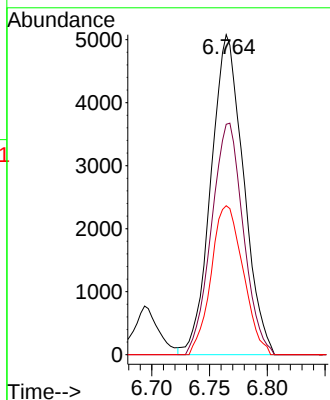
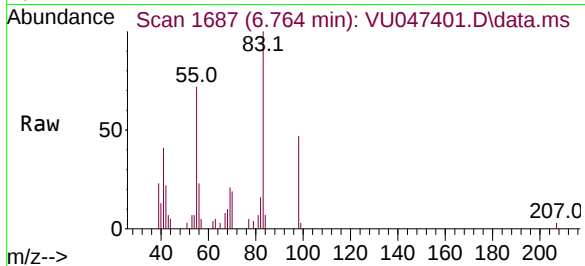




#35
Methylcyclohexane
Concen: 0.568 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

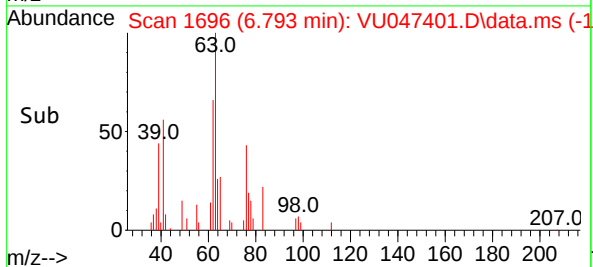
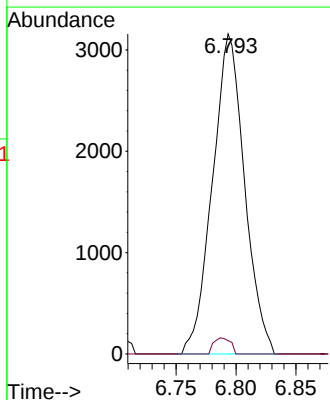
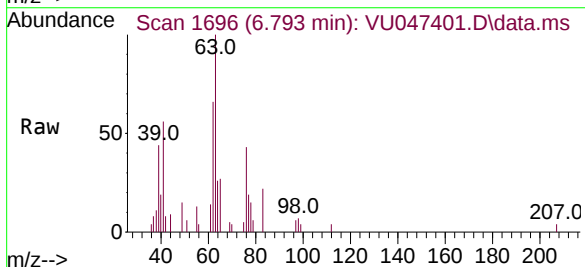
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5013

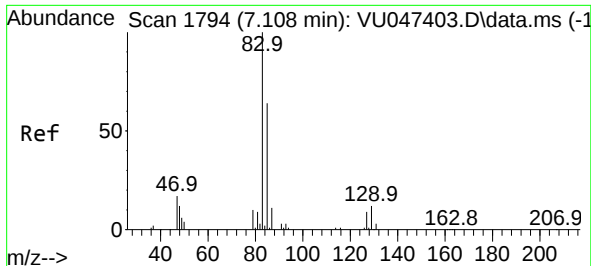
Tgt Ion:	83	Resp:	9950
Ion	Ratio	Lower	Upper
83	100		
55	70.9	57.8	86.8
98	45.8	38.0	57.0



#37
1,2-Dichloropropane
Concen: 0.466 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion:	63	Resp:	5873
Ion	Ratio	Lower	Upper
63	100		
112	2.6	3.3	4.9

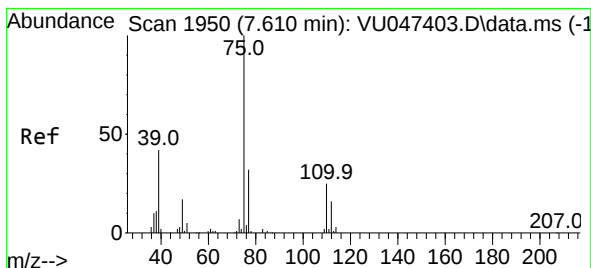
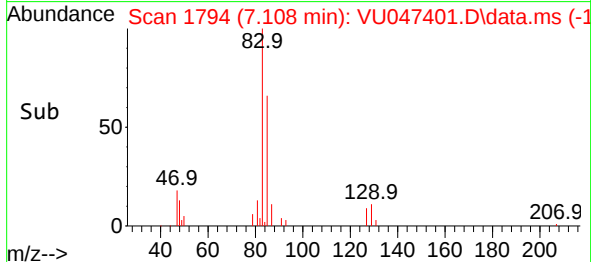
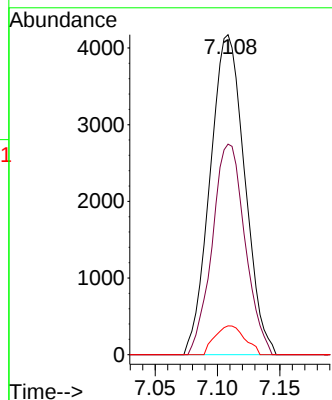
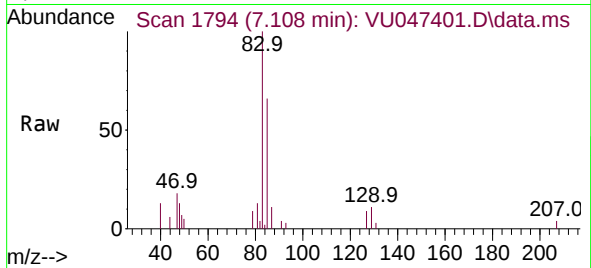




#38
Bromodichloromethane
Concen: 0.488 ug/L
RT: 7.108 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

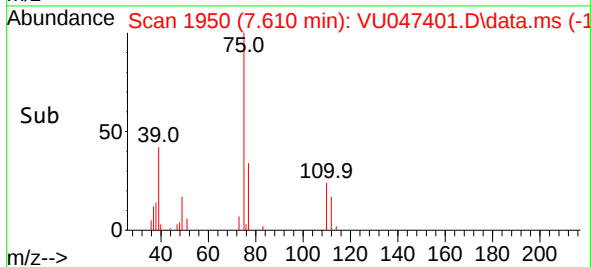
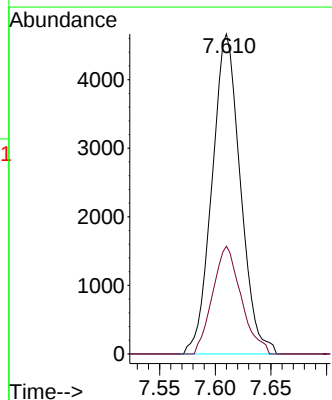
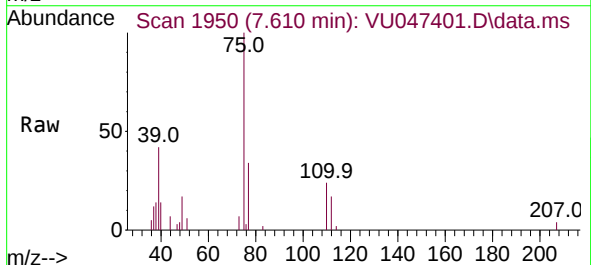
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5013

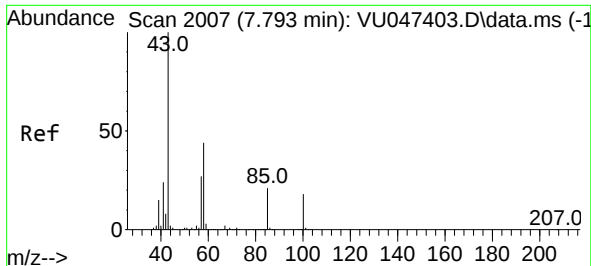
Tgt Ion: 83 Resp: 8069
Ion Ratio Lower Upper
83 100
85 65.8 45.0 83.6
127 9.0 7.4 11.0



#39
cis-1,3-Dichloropropene
Concen: 0.486 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion: 75 Resp: 8255
Ion Ratio Lower Upper
75 100
77 33.7 22.6 42.0





#40

4-Methyl-2-pentanone

Concen: 5.544 ug/L

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047401.D

Acq: 09 Mar 2022 13:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5013

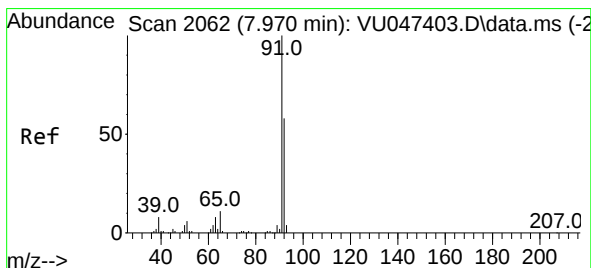
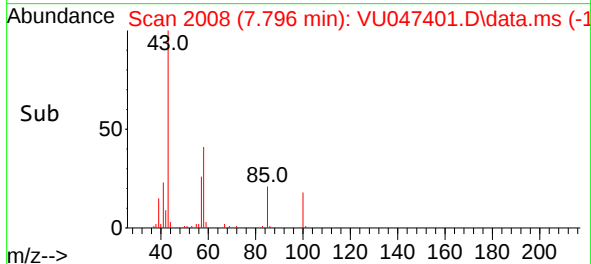
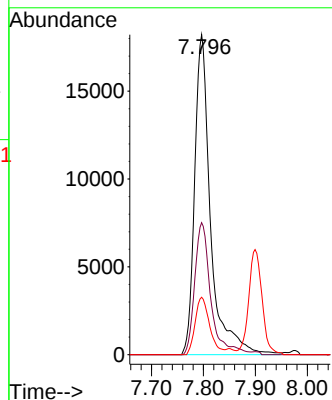
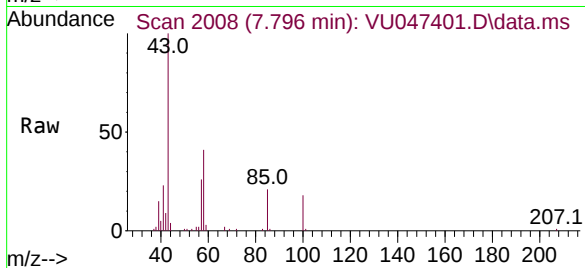
Tgt Ion: 43 Resp: 38880

Ion Ratio Lower Upper

43 100

58 41.7 34.8 52.2

100 16.4 14.2 21.4



#42

Toluene

Concen: 0.521 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047401.D

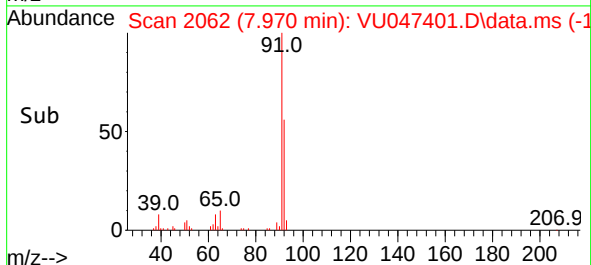
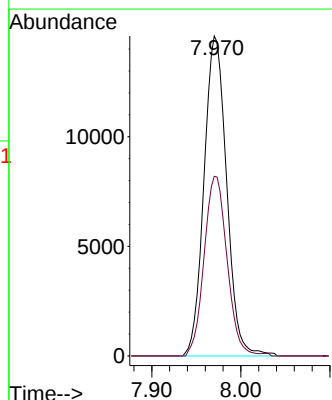
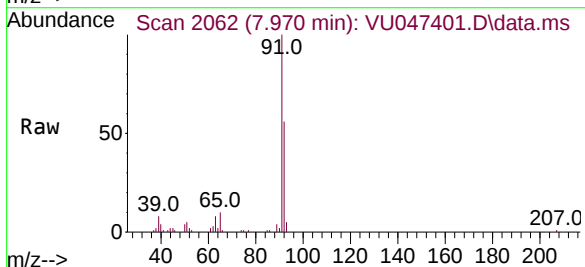
Acq: 09 Mar 2022 13:15

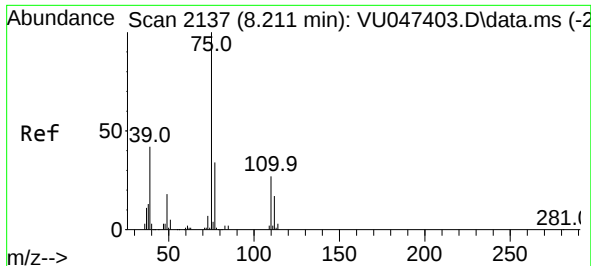
Tgt Ion: 91 Resp: 25742

Ion Ratio Lower Upper

91 100

92 56.2 40.8 75.8

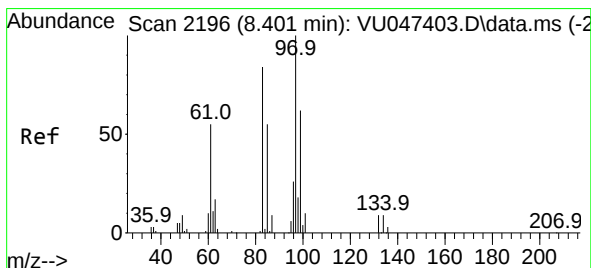
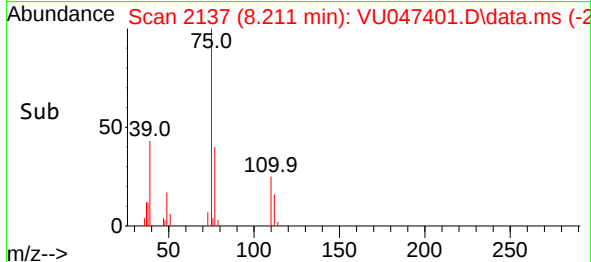
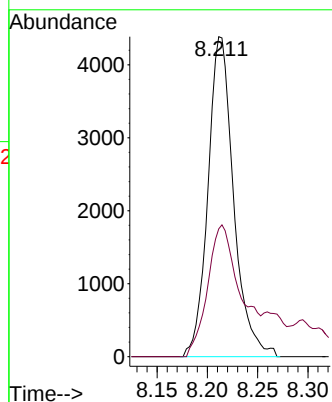
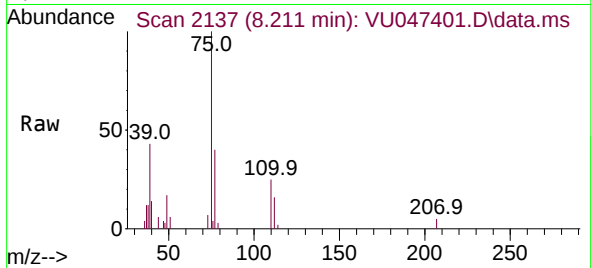




#44
trans-1,3-Dichloropropene
Concen: 0.517 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

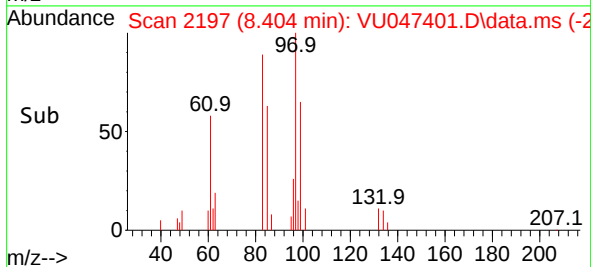
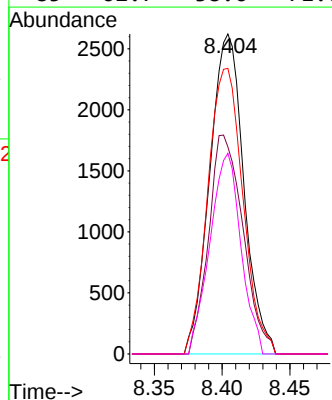
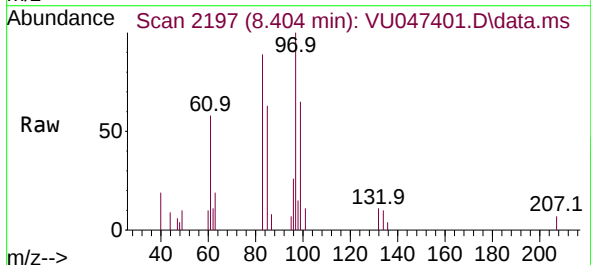
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5013

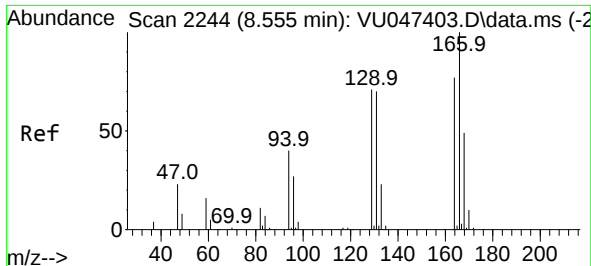
Tgt Ion: 75 Resp: 7777
Ion Ratio Lower Upper
75 100
77 40.0 23.6 43.8



#45
1,1,2-Trichloroethane
Concen: 0.481 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion: 97 Resp: 4584
Ion Ratio Lower Upper
97 100
99 64.7 43.3 80.5
83 89.2 59.1 109.9
85 62.7 38.6 71.6

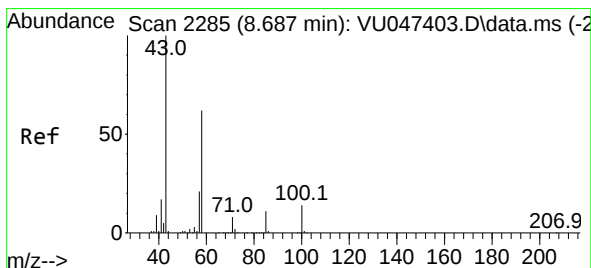
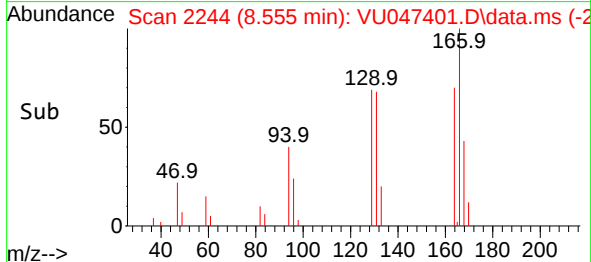
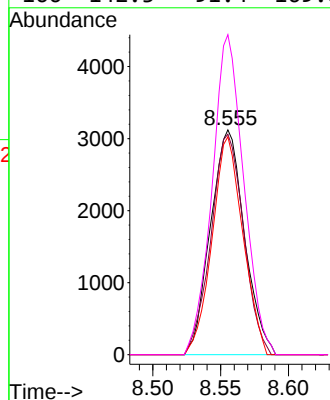
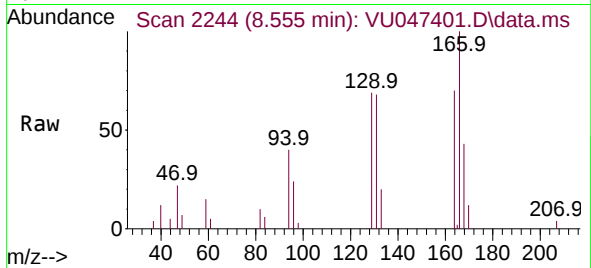




#47
Tetrachloroethene
Concen: 0.558 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

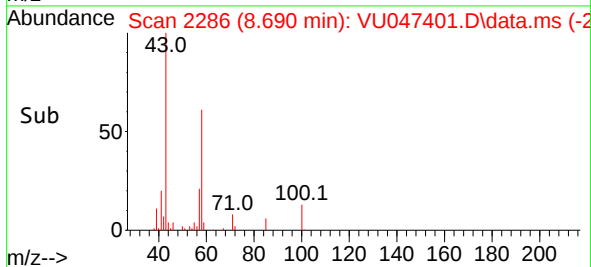
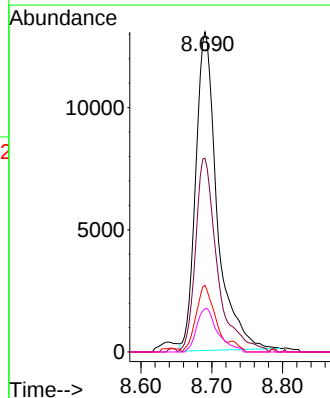
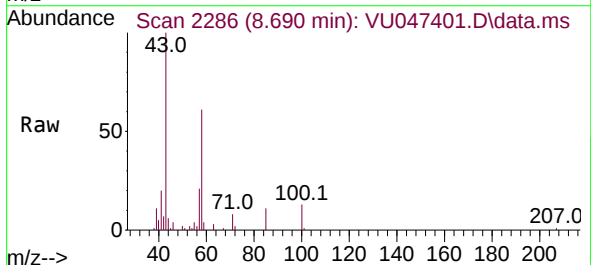
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5013

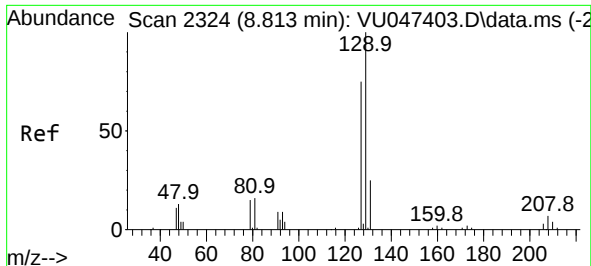
Tgt Ion:164	Resp:	5429	
Ion	Ratio	Lower	Upper
164	100		
129	98.0	64.9	120.5
131	96.9	63.6	118.2
166	142.3	91.4	169.8



#48
2-Hexanone
Concen: 5.204 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion: 43	Resp: 27401
Ion Ratio	Lower Upper
43 100	
58 61.8	47.7 71.5
57 18.4	16.6 25.0
100 13.4	11.2 16.8





#49

Dibromochloromethane

Concen: 0.481 ug/L

RT: 8.813 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047401.D

Acq: 09 Mar 2022 13:15

Instrument :

MSVOA_U

ClientSampleId :

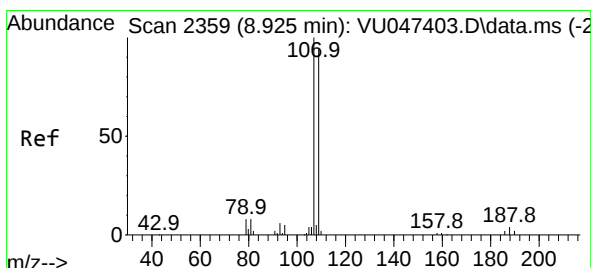
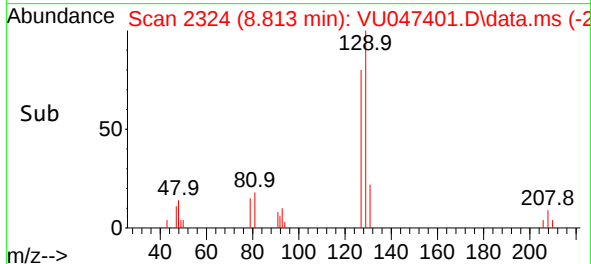
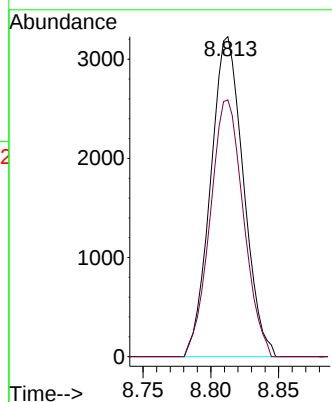
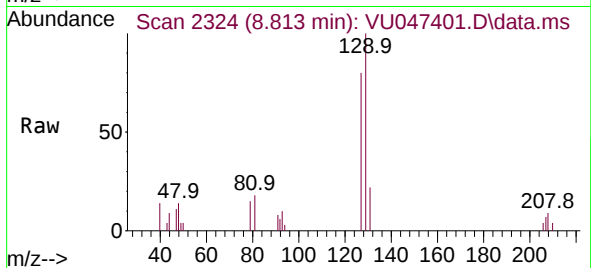
VSTD0.5013

Tgt Ion:129 Resp: 5441

Ion Ratio Lower Upper

129 100

127 80.3 52.6 97.8



#50

1,2-Dibromoethane

Concen: 0.539 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. -0.000 min

Lab File: VU047401.D

Acq: 09 Mar 2022 13:15

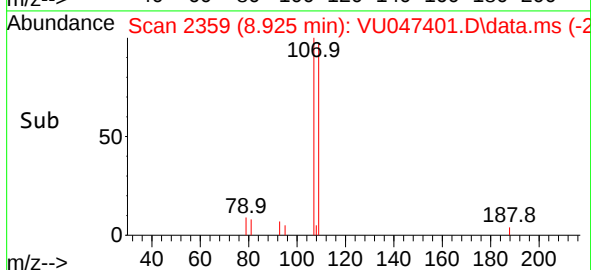
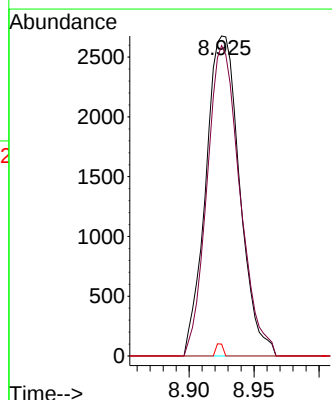
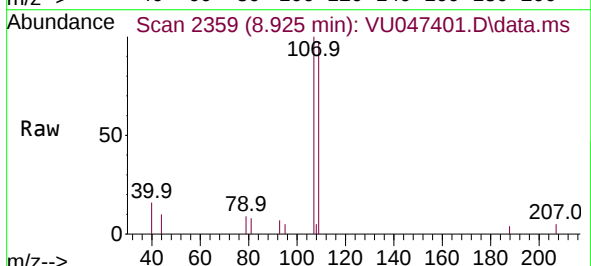
Tgt Ion:107 Resp: 4858

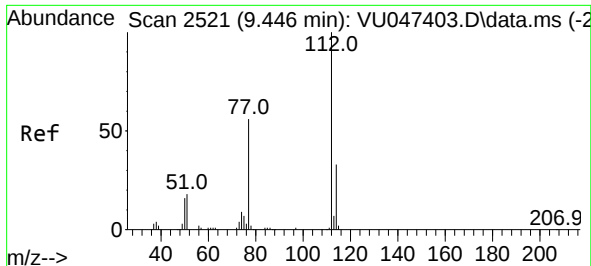
Ion Ratio Lower Upper

107 100

109 97.0 65.8 122.2

188 3.7 3.3 4.9

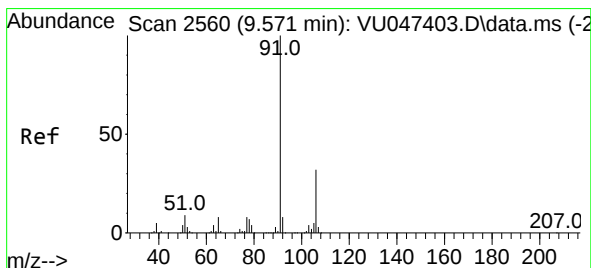
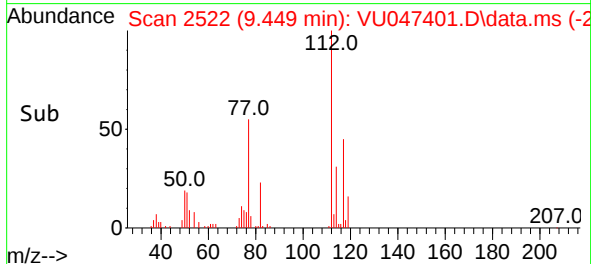
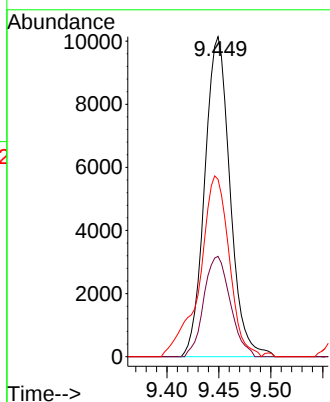
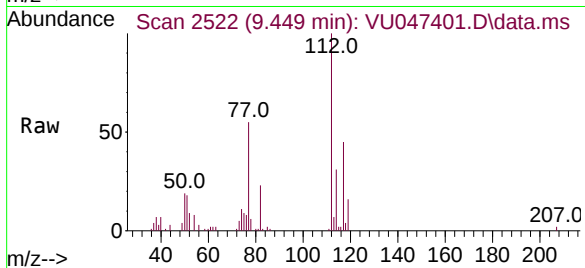




#51
Chlorobenzene
Concen: 0.521 ug/L
RT: 9.449 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

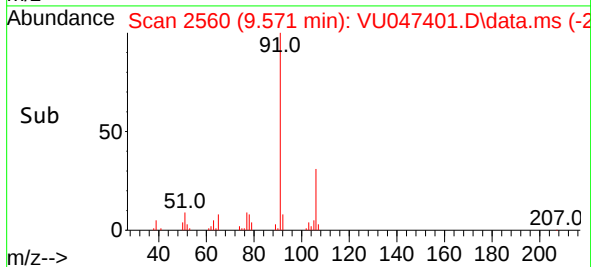
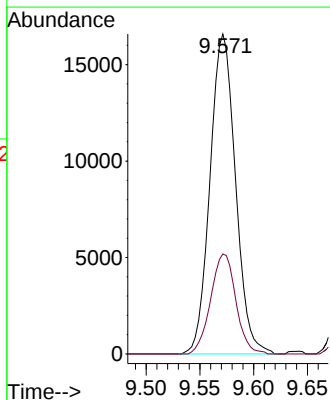
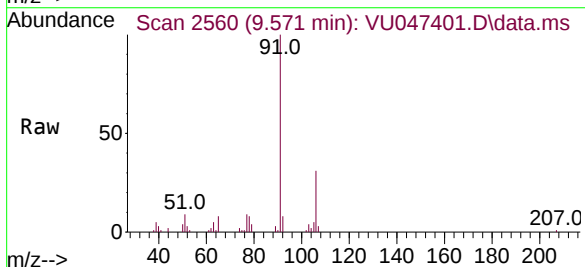
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5013

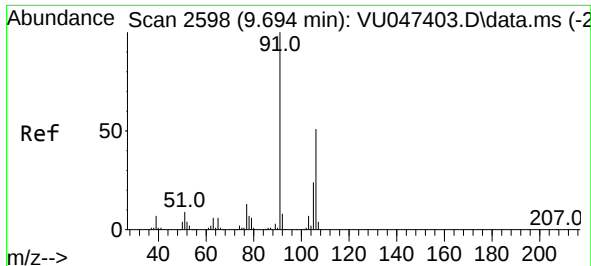
Tgt Ion: 112 Resp: 17187
Ion Ratio Lower Upper
112 100
114 31.3 22.8 42.4
77 55.4 45.0 67.6



#52
Ethylbenzene
Concen: 0.535 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion: 91 Resp: 27337
Ion Ratio Lower Upper
91 100
106 31.3 22.4 41.6

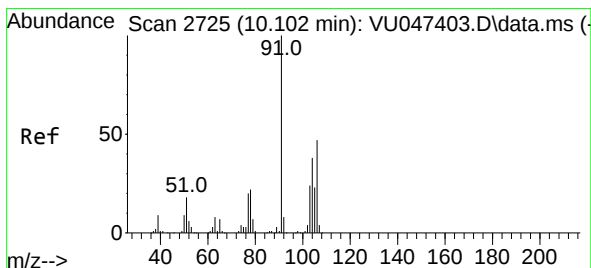
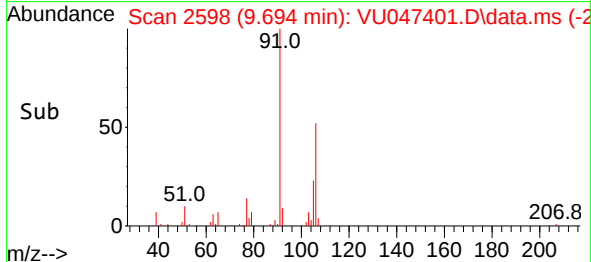
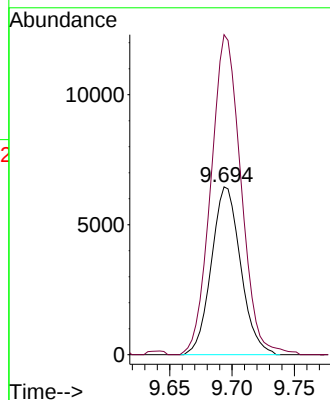
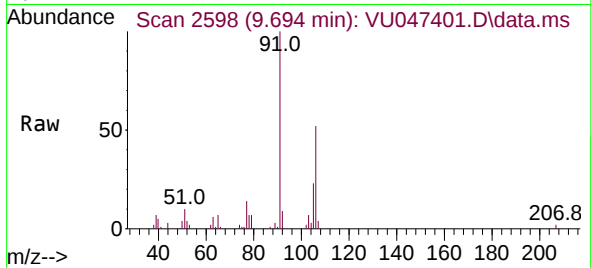




#53
m,p-Xylene
Concen: 0.533 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

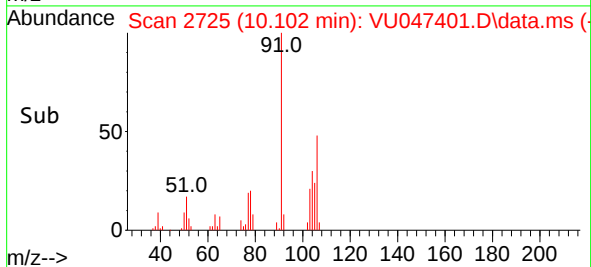
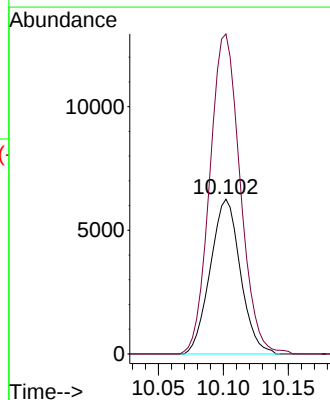
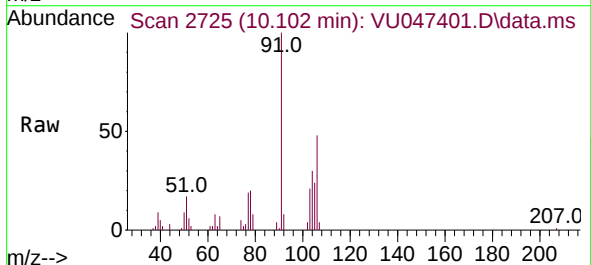
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5013

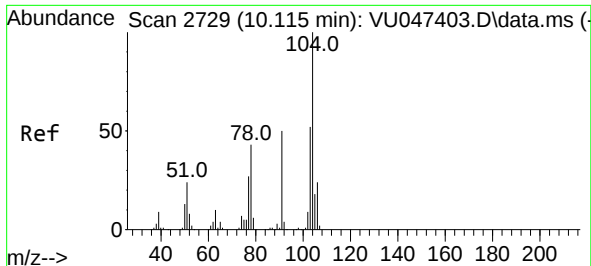
Tgt Ion:106 Resp: 10549
Ion Ratio Lower Upper
106 100
91 190.6 138.8 257.8



#54
o-Xylene
Concen: 0.546 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion:106 Resp: 10077
Ion Ratio Lower Upper
106 100
91 206.8 149.2 277.0

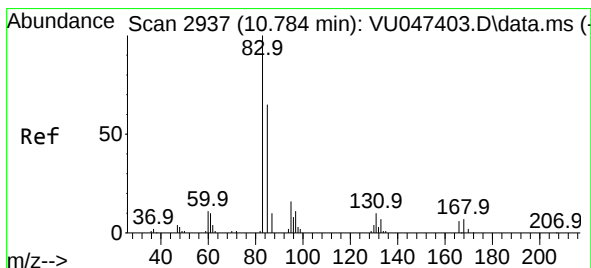
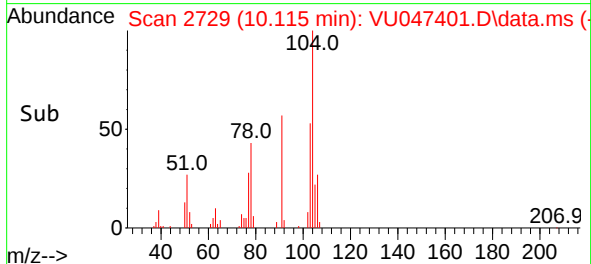
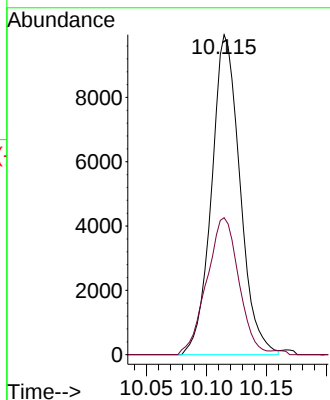
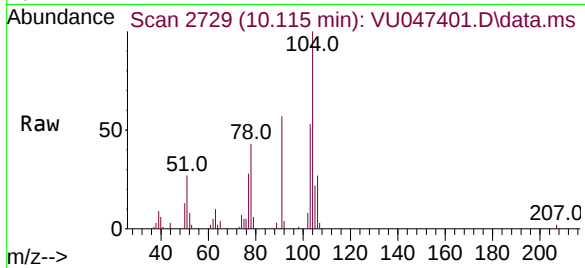




#55
Styrene
Concen: 0.507 ug/L
RT: 10.115 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

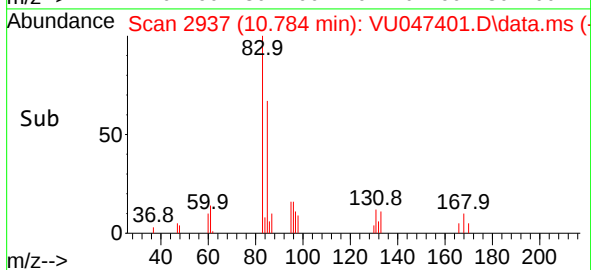
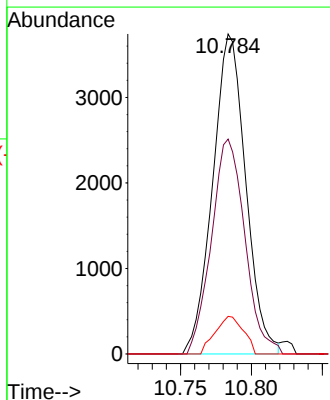
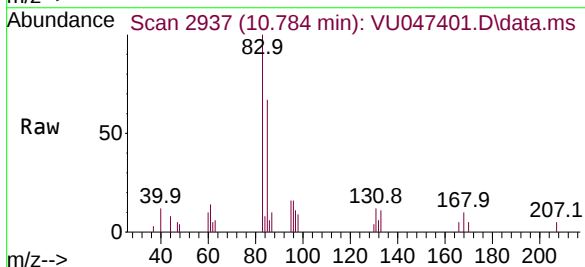
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5013

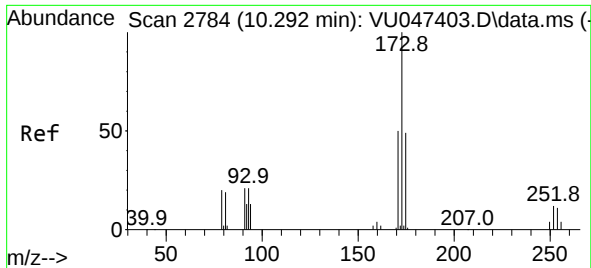
Tgt Ion:104 Resp: 16369
Ion Ratio Lower Upper
104 100
78 42.8 30.4 56.4



#57
1,1,2,2-Tetrachloroethane
Concen: 0.487 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion: 83 Resp: 6072
Ion Ratio Lower Upper
83 100
85 67.2 46.0 85.4
131 11.8 8.2 12.4

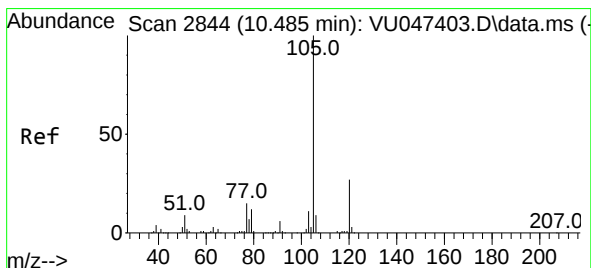
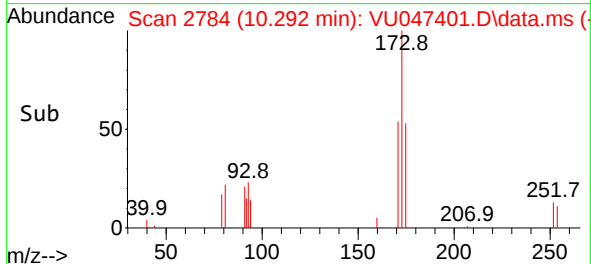
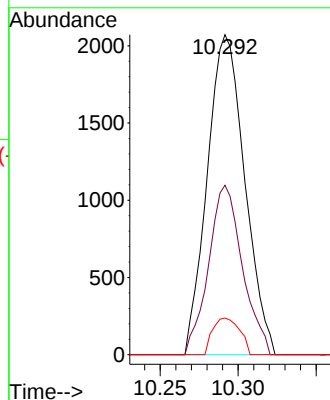
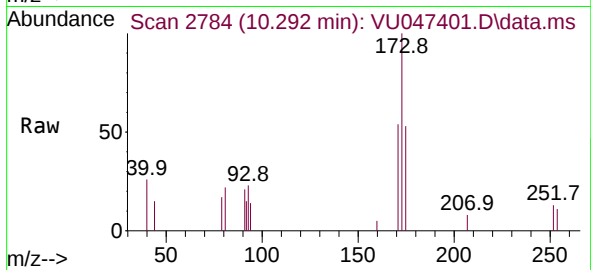




#59
Bromoform
Concen: 0.541 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

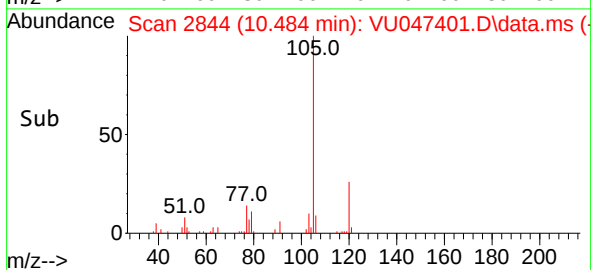
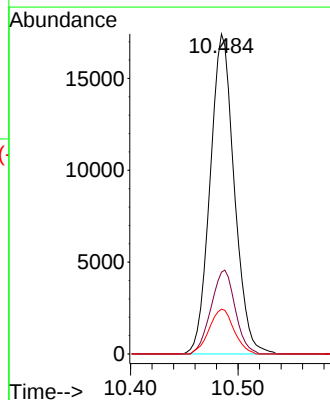
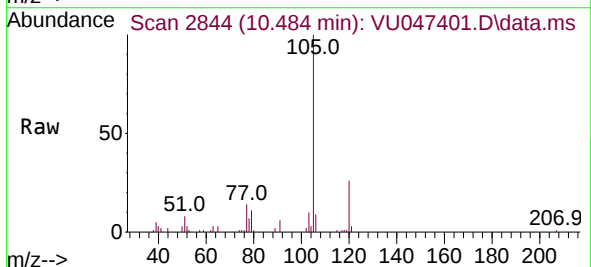
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5013

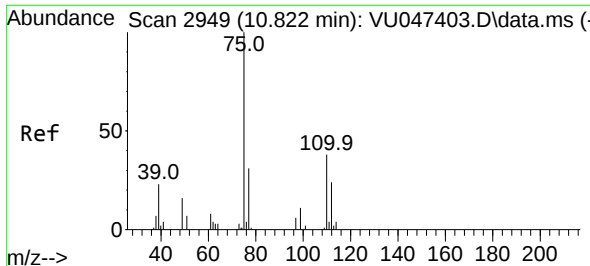
Tgt Ion:173 Resp: 3462
Ion Ratio Lower Upper
173 100
175 47.9 38.7 58.1
254 8.3 9.0 13.4#



#60
Isopropylbenzene
Concen: 0.562 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion:105 Resp: 27177
Ion Ratio Lower Upper
105 100
120 26.2 21.8 32.6
77 14.4 12.2 18.2

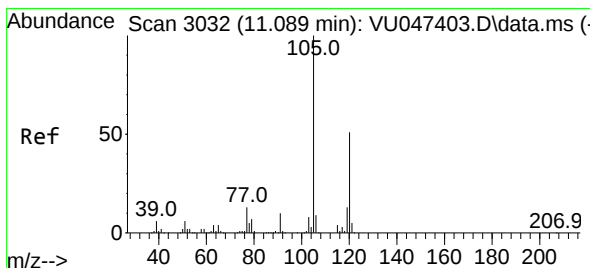
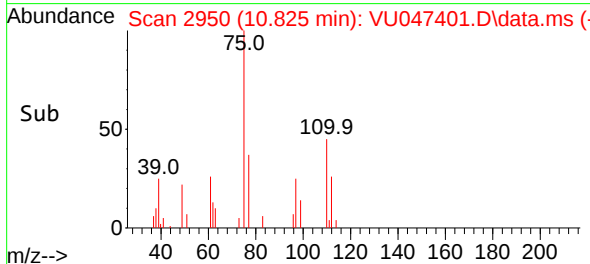
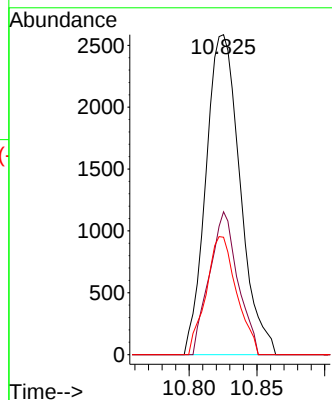
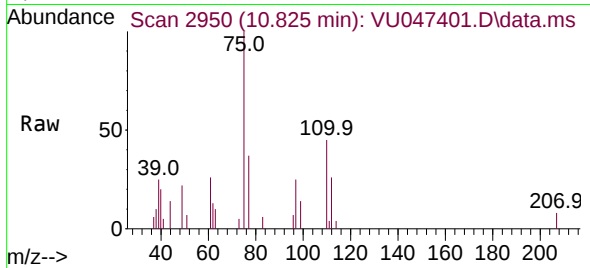




#61
1,2,3-Trichloropropane
Concen: 0.507 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

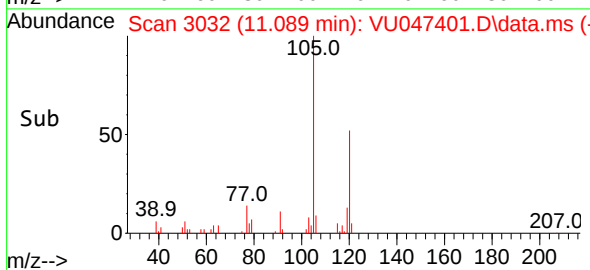
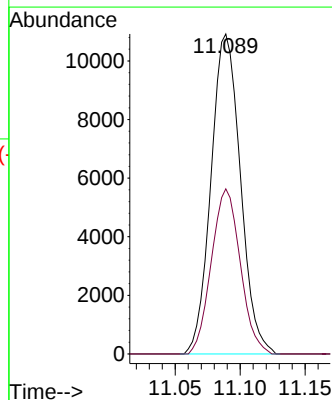
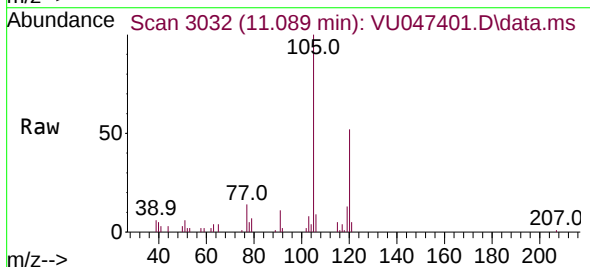
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5013

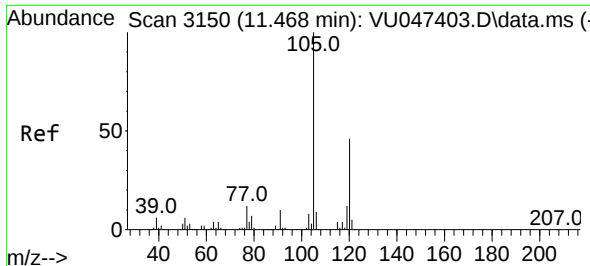
Tgt Ion: 75 Resp: 4531
Ion Ratio Lower Upper
75 100
110 37.1 31.0 46.4
77 32.8 26.2 39.4



#62
1,3,5-Trimethylbenzene
Concen: 0.471 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion: 105 Resp: 17177
Ion Ratio Lower Upper
105 100
120 50.6 40.1 60.1

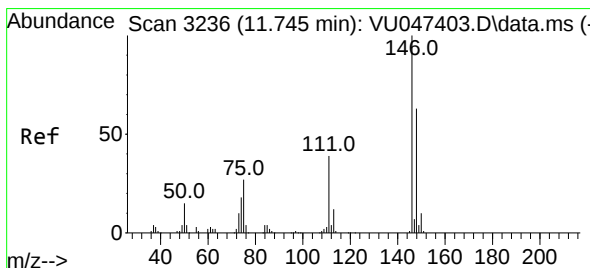
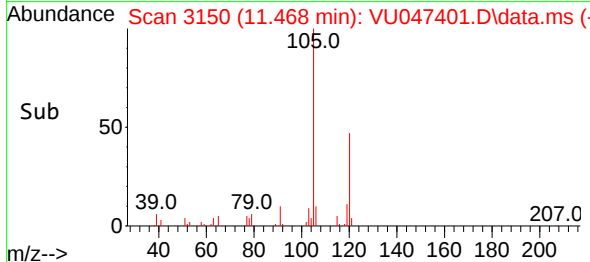
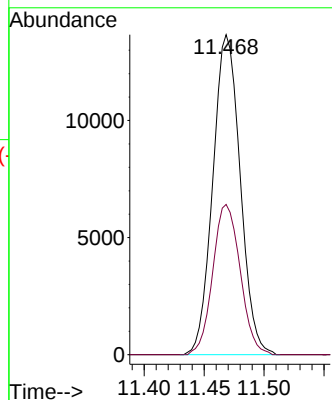
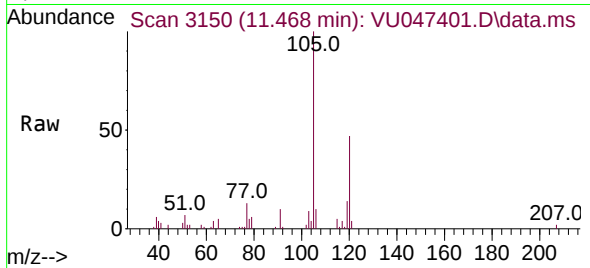




#63
1,2,4-Trimethylbenzene
Concen: 0.557 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

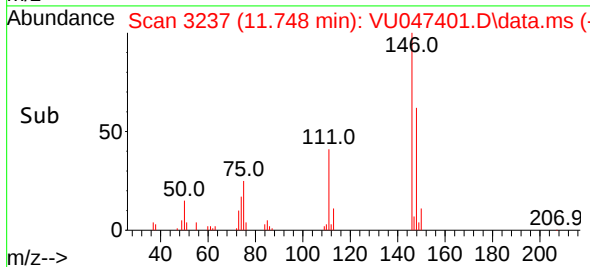
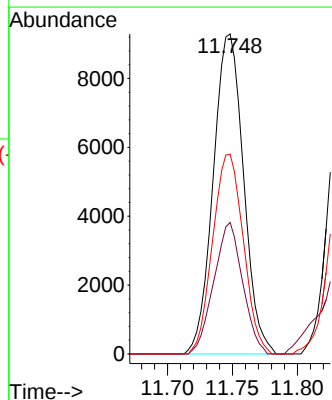
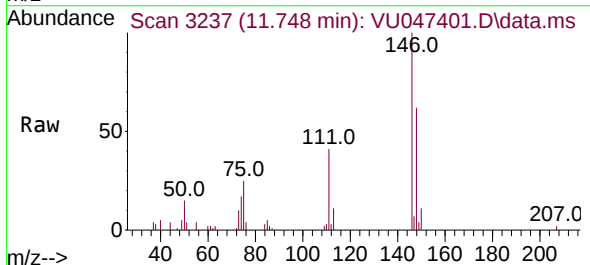
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5013

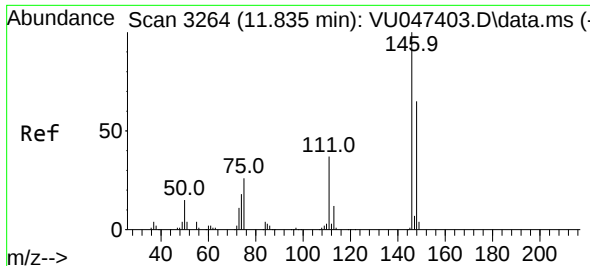
Tgt Ion:105 Resp: 21670
Ion Ratio Lower Upper
105 100
120 47.0 37.2 55.8



#64
1,3-Dichlorobenzene
Concen: 0.581 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion:146 Resp: 15056
Ion Ratio Lower Upper
146 100
111 41.1 27.0 50.2
148 62.5 44.4 82.4

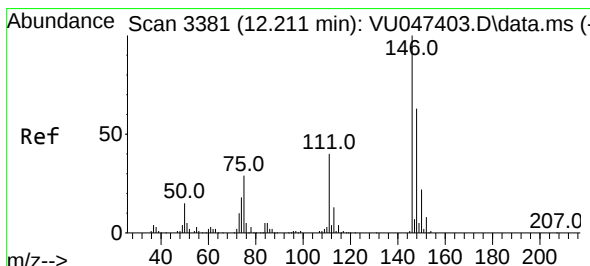
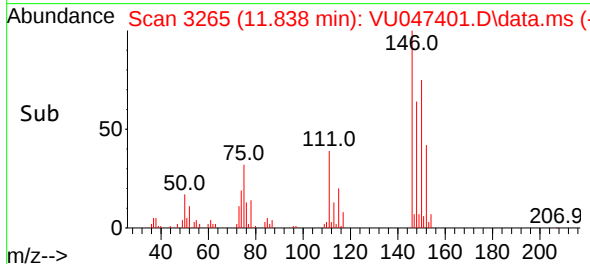
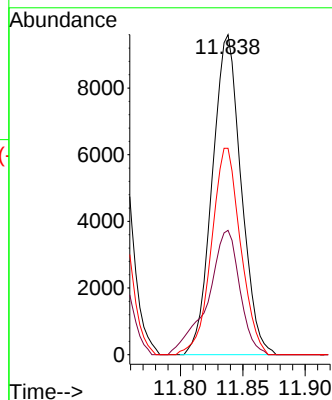
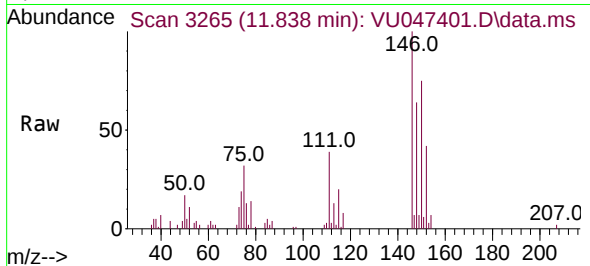




#65
1,4-Dichlorobenzene
Concen: 0.583 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

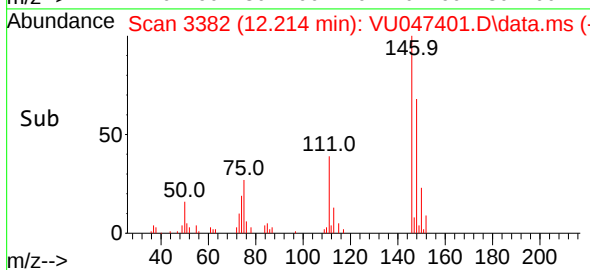
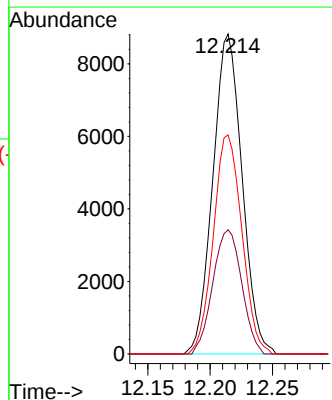
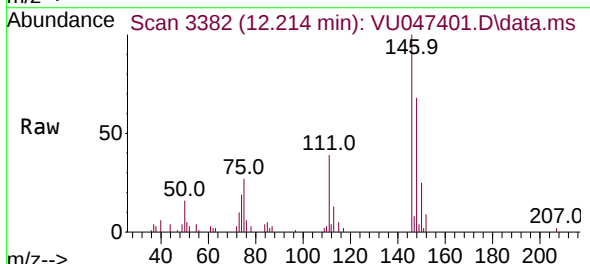
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5013

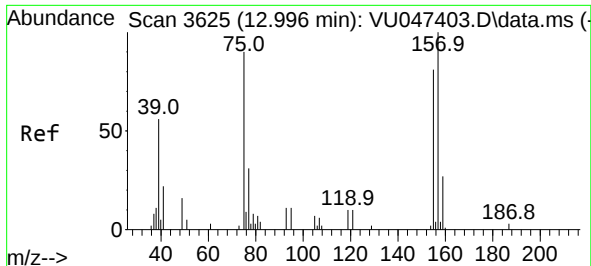
Tgt Ion:146 Resp: 15459
Ion Ratio Lower Upper
146 100
111 38.9 26.1 48.5
148 64.5 45.6 84.6



#67
1,2-Dichlorobenzene
Concen: 0.577 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion:146 Resp: 14409
Ion Ratio Lower Upper
146 100
111 38.8 31.9 47.9
148 68.4 50.5 75.7

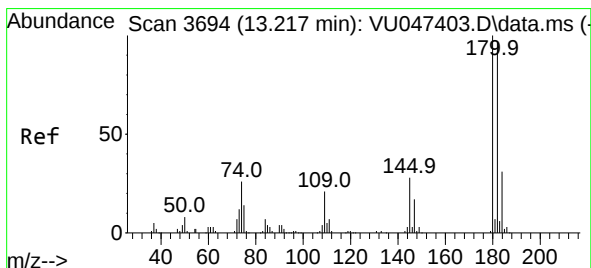
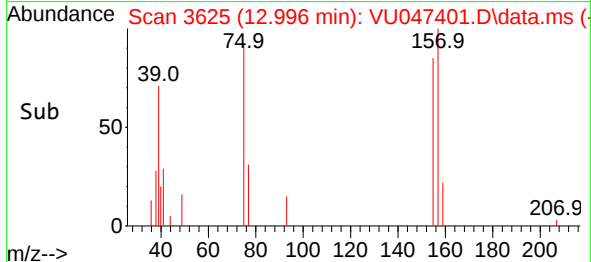
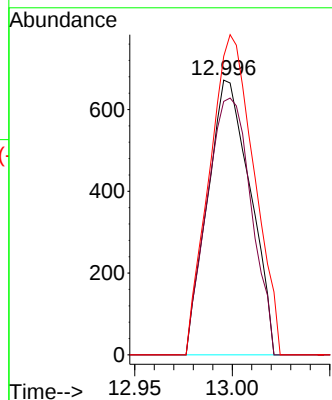
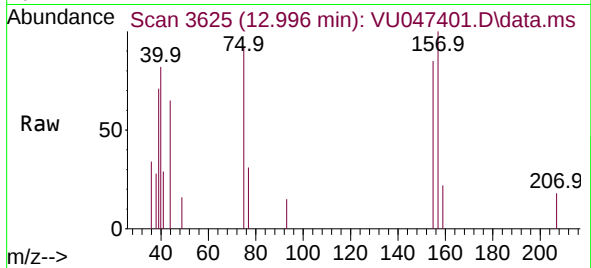




#68
1,2-Dibromo-3-chloropropane
Concen: 0.533 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

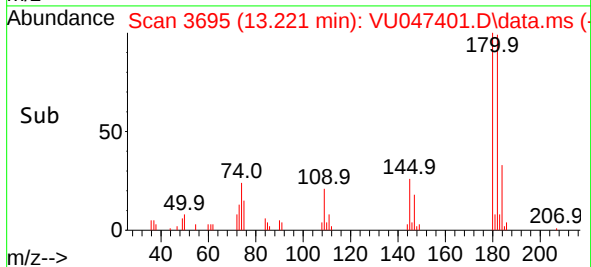
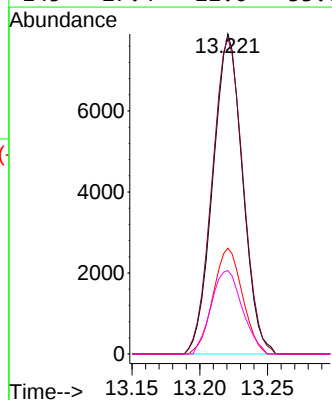
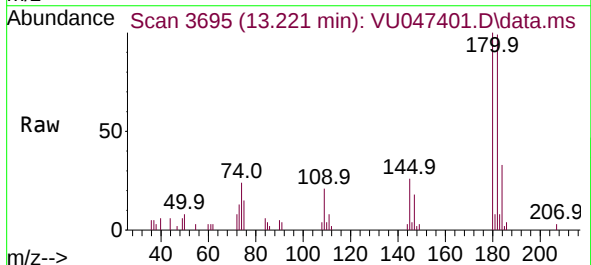
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5013

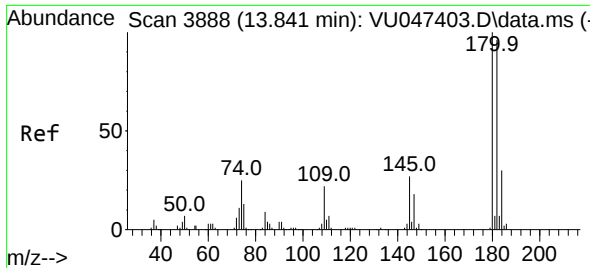
Tgt Ion: 75	Resp: 1023		
Ion Ratio	Lower	Upper	
75 100			
155 92.3	71.3	106.9	
157 108.6	88.6	132.8	



#69
1,3,5-Trichlorobenzene
Concen: 0.599 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.003 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

Tgt Ion:180	Resp: 12016
Ion Ratio	Lower Upper
180 100	
182 102.2	77.1 115.7
184 32.5	25.0 37.4
145 27.4	22.0 33.0

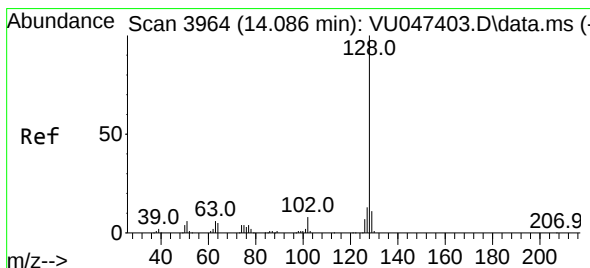
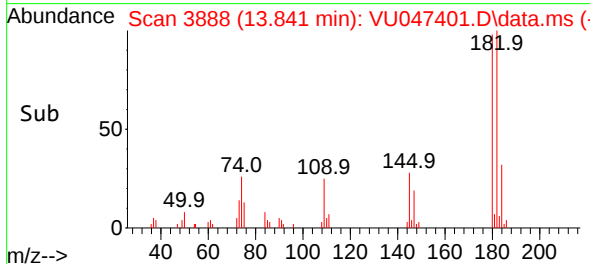
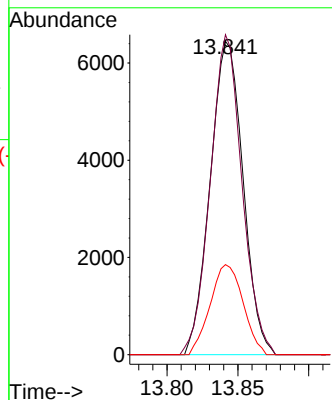
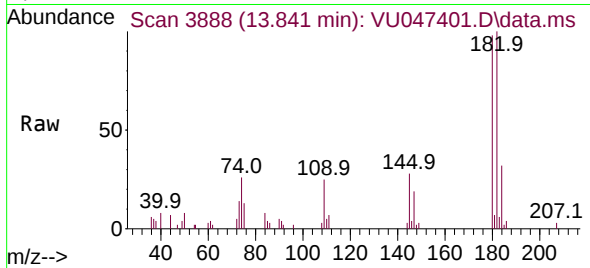




#70
1,2,4-trichlorobenzene
Concen: 0.620 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

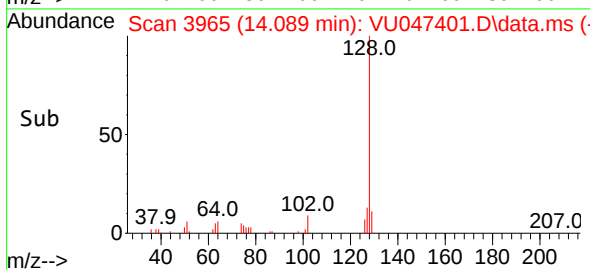
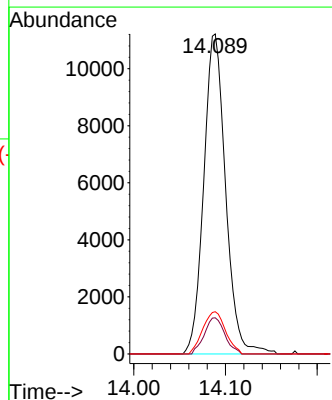
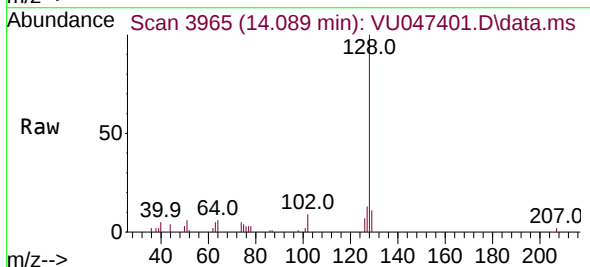
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5013

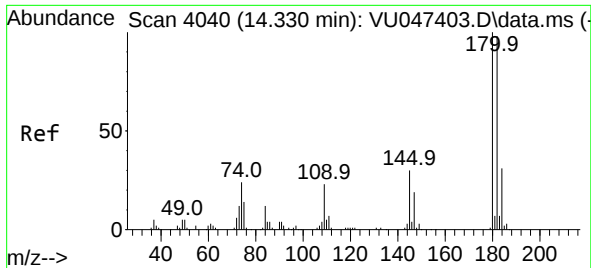
Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	76.6	114.8
145	28.8	22.4	33.6



#71
Naphthalene
Concen: 0.636 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU047401.D
Acq: 09 Mar 2022 13:15

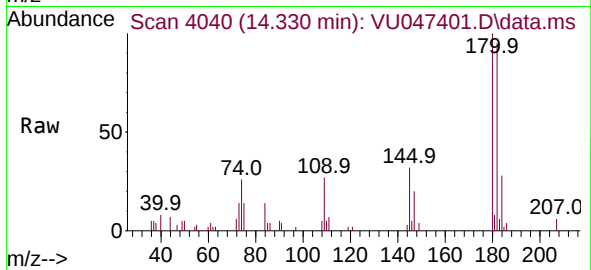
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	13.8	10.2	15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.619 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VU047401.D
 Acq: 09 Mar 2022 13:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5013



Tgt Ion:	180	Resp:	9726
Ion Ratio	Lower	Upper	
180	100		
182	94.8	77.0	115.6
145	29.7	23.4	35.2

