

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047325.D
 Acq On : 04 Mar 2022 12:41
 Operator : SY/MD
 Sample : VSTD0.507
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5007

Quant Time: Mar 04 14:46:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 14:46:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	193687	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	181931	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	102293	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	6790	0.510	ug/L	0.00
7) Chloroethane-d5	1.919	69	5544	0.501	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	2675	0.488	ug/L	0.00
20) 2-Butanone-d5	4.665	46	19061	4.787	ug/L	0.02
24) Chloroform-d	5.070	84	12293	0.498	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	6987	0.504	ug/L	0.00
32) Benzene-d6	5.732	84	24791	0.499	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	7903	0.505	ug/L	0.00
41) Toluene-d8	7.899	98	22459	0.484	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	3283	0.486	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	18394	4.821	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	7753	0.495	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	9474	0.473	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	4883	0.414	ug/L	95
3) Chloromethane	1.527	50	7148	0.500	ug/L	97
5) Vinyl chloride	1.607	62	6317	0.478	ug/L	99
6) Bromomethane	1.864	94	3643	0.500	ug/L	92
8) Chloroethane	1.941	64	3697	0.482	ug/L	97
9) Trichlorofluoromethane	2.144	101	6717	0.429	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	3797	0.421	ug/L	90
12) 1,1-Dichloroethene	2.588	96	4468	0.466	ug/L	86
14) Carbon disulfide	2.800	76	14633	0.468	ug/L	100
15) Methyl Acetate	2.977	43	1921	0.480	ug/L	94
17) Methyl tert-butyl Ether	3.372	73	13273	0.496	ug/L	96
18) trans-1,2-Dichloroethene	3.363	96	5148	0.483	ug/L	83
19) 1,1-Dichloroethane	3.880	63	8376	0.474	ug/L	98
21) 2-Butanone	4.752	43	13416	4.416	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	5568	0.480	ug/L	90
23) Bromochloromethane	4.980	128	2705	0.472	ug/L	88
27) 1,2-Dichloroethane	5.800	62	6394	0.490	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	6997	0.454	ug/L	96
30) Cyclohexane	5.391	56	6282	0.427	ug/L	98
31) Carbon tetrachloride	5.530	117	5827	0.441	ug/L	98
33) Benzene	5.777	78	20671	0.484	ug/L	100
34) Trichloroethene	6.546	95	5218	0.471	ug/L	94
35) Methylcyclohexane	6.768	83	6363	0.400	ug/L	96
37) 1,2-Dichloropropane	6.797	63	5139	0.483	ug/L #	94
38) Bromodichloromethane	7.108	83	6672	0.481	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	7738	0.467	ug/L	95
40) 4-Methyl-2-pentanone	7.796	43	38532	4.855	ug/L	99
42) Toluene	7.970	91	21918	0.473	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	6595	0.456	ug/L #	51
45) 1,1,2-Trichloroethane	8.401	97	4361	0.477	ug/L	97
47) Tetrachloroethene	8.555	164	4235	0.455	ug/L	83
48) 2-Hexanone	8.690	43	27901	4.757	ug/L	98

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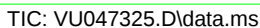
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 14:46:10 2022
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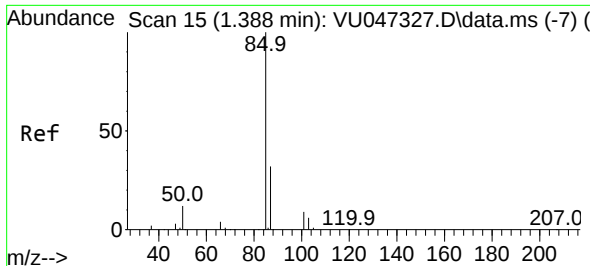
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	8.809	129	4735	0.453	ug/L	92
50) 1,2-Dibromoethane	8.928	107	4301	0.466	ug/L #	98
51) Chlorobenzene	9.446	112	15145	0.484	ug/L	94
52) Ethylbenzene	9.571	91	22620	0.467	ug/L	97
53) m,p-Xylene	9.694	106	9086	0.469	ug/L	93
54) o-Xylene	10.102	106	8654	0.465	ug/L	97
55) Styrene	10.115	104	14150	0.454	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.783	83	5929	0.478	ug/L	95
59) Bromoform	10.295	173	2998	0.407	ug/L	99
60) Isopropylbenzene	10.484	105	20990	0.402	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	4220	0.459	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	13959	0.404	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	18400	0.411	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	12206	0.457	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	12823	0.469	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	12239	0.463	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.992	75	913	0.429	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.221	180	9872	0.435	ug/L	94
70) 1,2,4-trichlorobenzene	13.841	180	9514	0.469	ug/L	95
71) Naphthalene	14.086	128	18461	0.456	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	8638	0.453	ug/L	96

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

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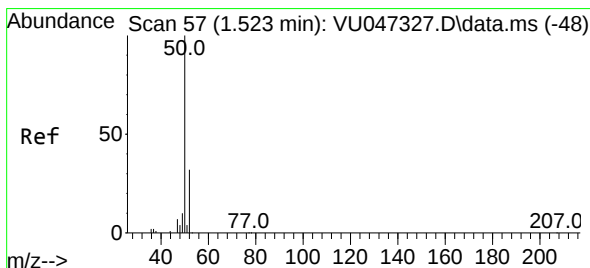
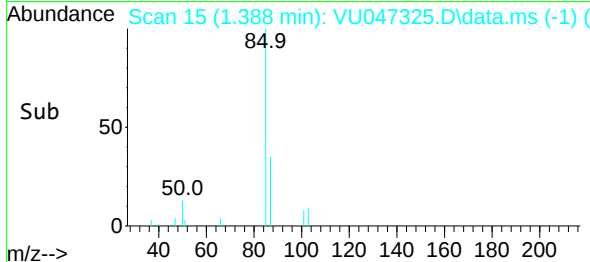
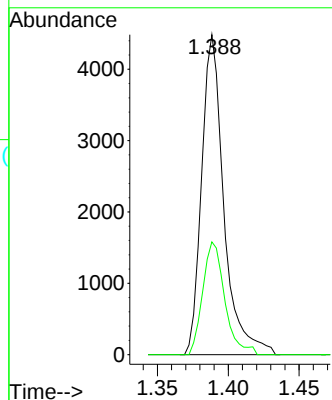
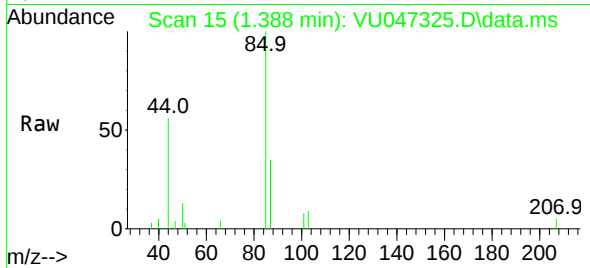




#2
Dichlorodifluoromethane
Concen: 0.414 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

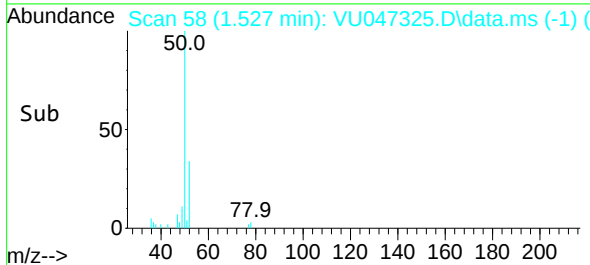
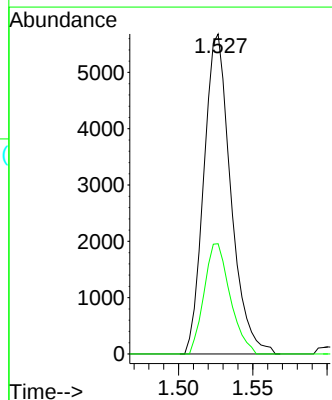
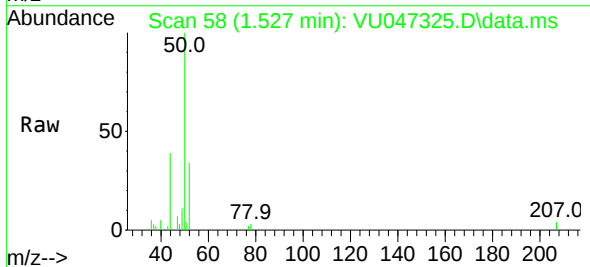
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

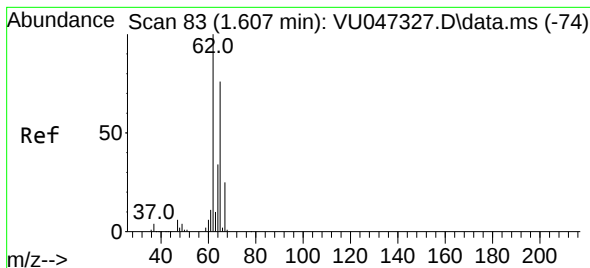
Tgt Ion: 85 Resp: 4883
Ion Ratio Lower Upper
85 100
87 35.0 25.8 38.6



#3
Chloromethane
Concen: 0.500 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion: 50 Resp: 7148
Ion Ratio Lower Upper
50 100
52 34.5 23.0 42.8





#5

Vinyl chloride

Concen: 0.478 ug/L

RT: 1.607 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU047325.D

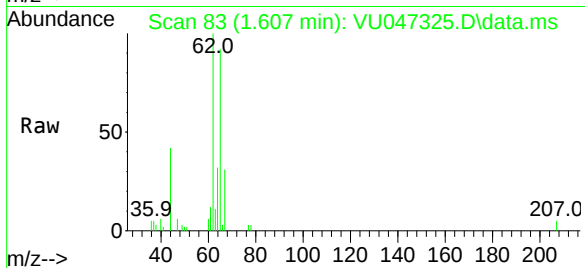
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Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5007

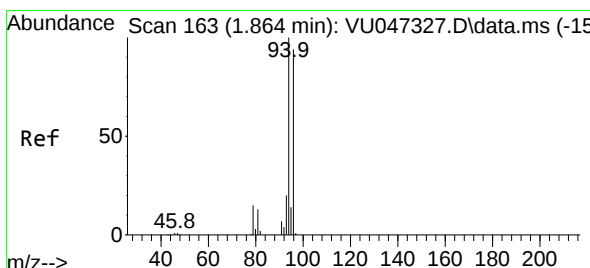
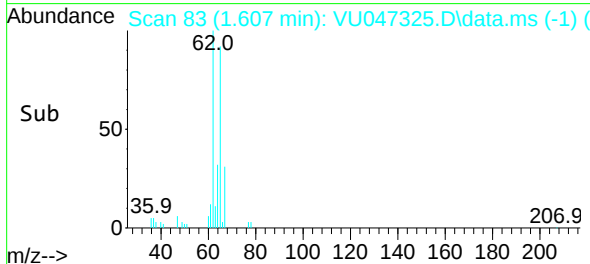
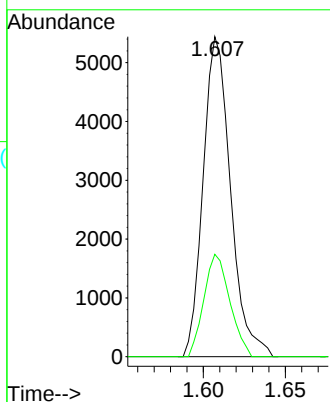


Tgt Ion: 62 Resp: 6317

Ion Ratio Lower Upper

62 100

64 32.0 22.9 42.5



#6

Bromomethane

Concen: 0.500 ug/L

RT: 1.864 min Scan# 163

Delta R.T. -0.000 min

Lab File: VU047325.D

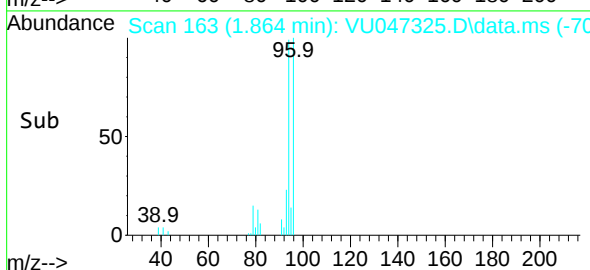
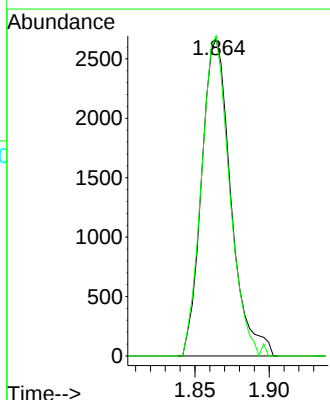
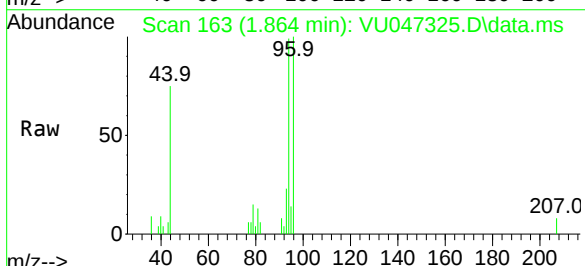
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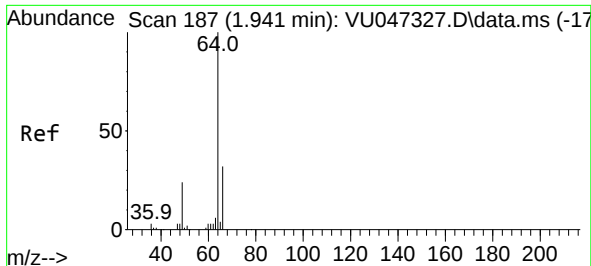
Tgt Ion: 94 Resp: 3643

Ion Ratio Lower Upper

94 100

96 100.9 65.5 121.6

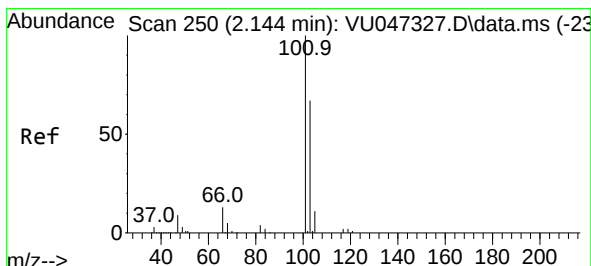
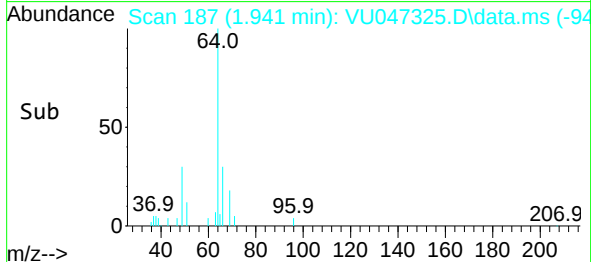
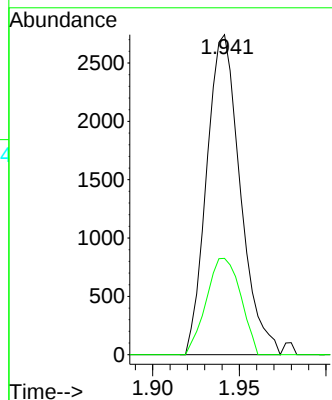
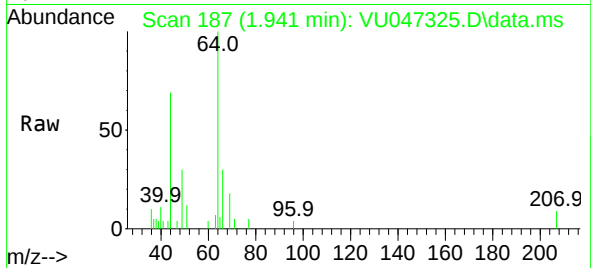




#8
Chloroethane
Concen: 0.482 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

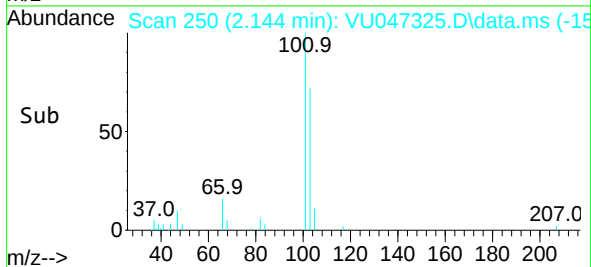
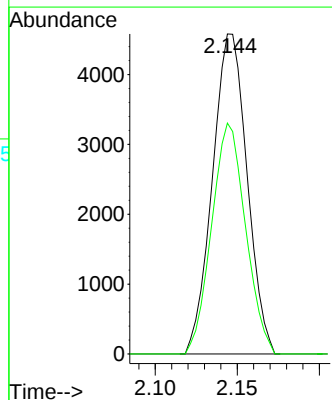
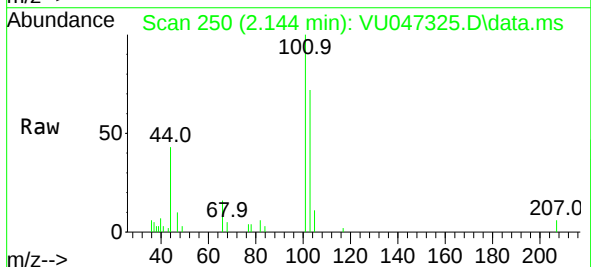
Instrument :
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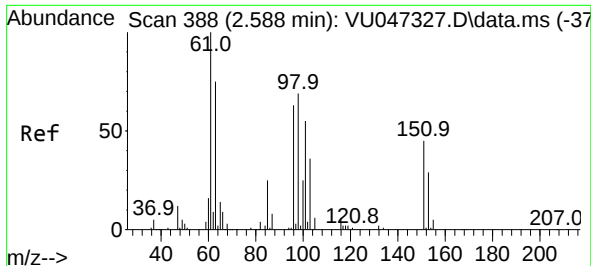
Tgt Ion: 64 Resp: 3697
Ion Ratio Lower Upper
64 100
66 30.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.429 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion: 101 Resp: 6717
Ion Ratio Lower Upper
101 100
103 70.5 51.5 77.3

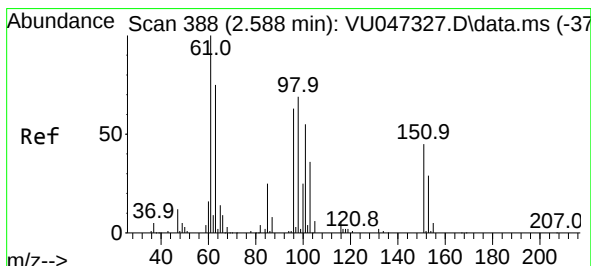
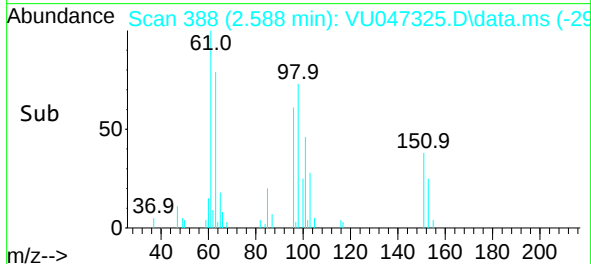
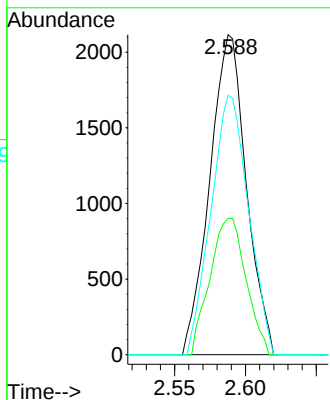
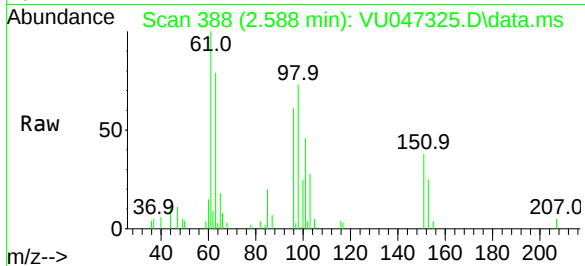




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.421 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047325.D
 Acq: 04 Mar 2022 12:41

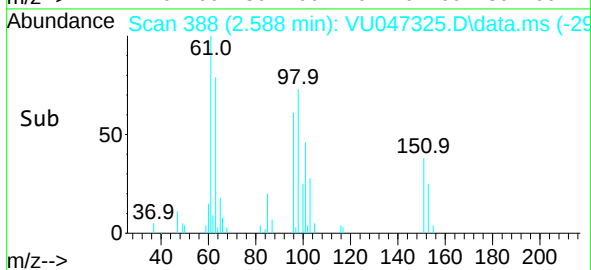
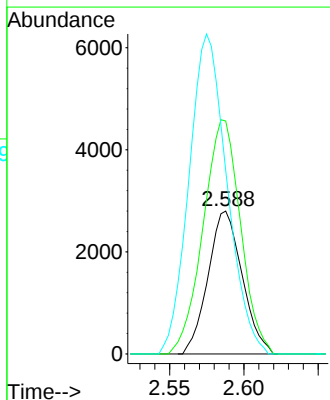
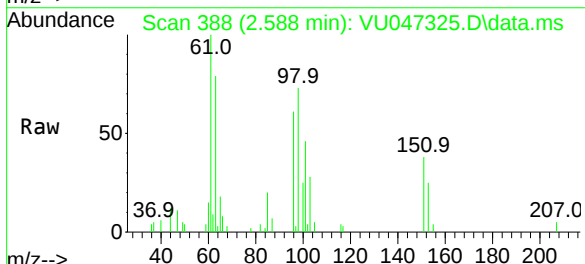
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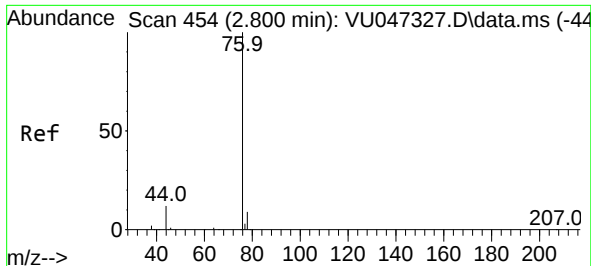
Tgt Ion:101 Resp: 3797
 Ion Ratio Lower Upper
 101 100
 85 42.1 34.6 51.8
 151 83.1 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 0.466 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047325.D
 Acq: 04 Mar 2022 12:41

Tgt Ion: 96 Resp: 4468
 Ion Ratio Lower Upper
 96 100
 61 163.1 124.7 231.5
 63 128.4 105.2 195.4

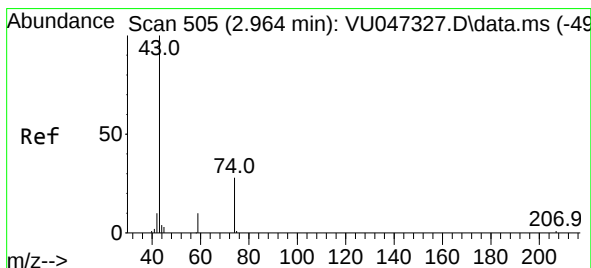
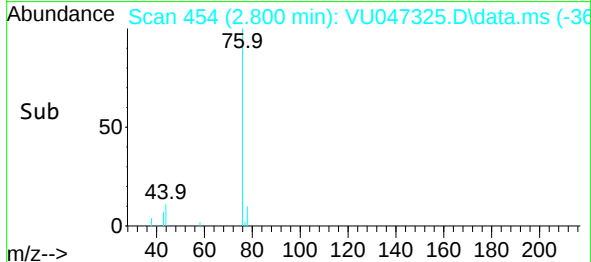
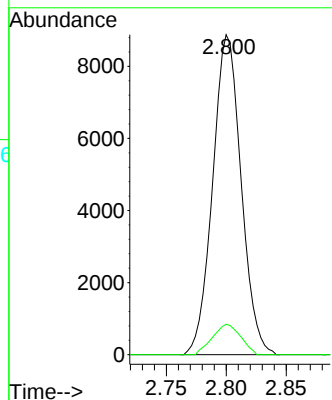
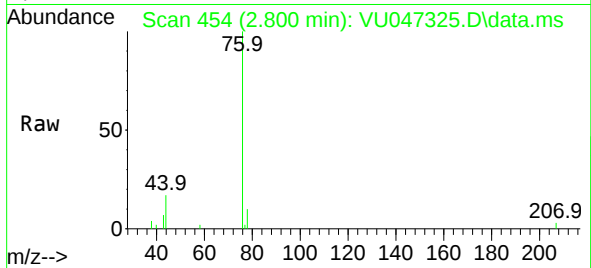




#14
Carbon disulfide
Concen: 0.468 ug/L
RT: 2.800 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

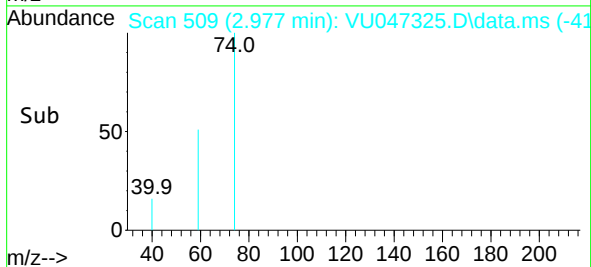
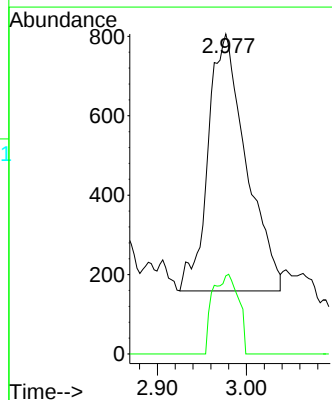
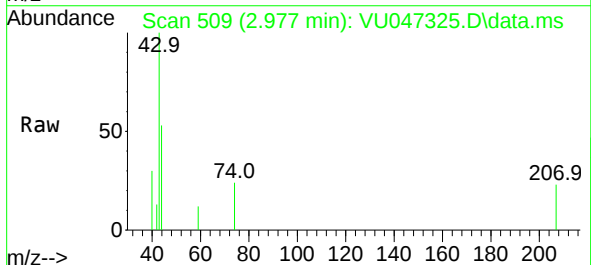
Instrument :
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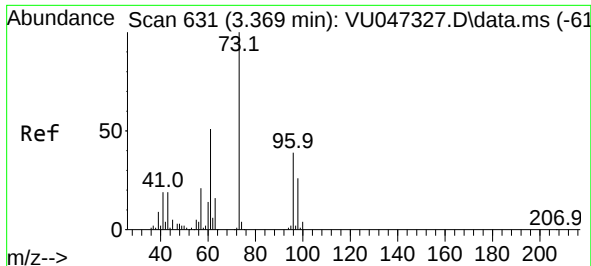
Tgt Ion: 76 Resp: 14633
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#15
Methyl Acetate
Concen: 0.480 ug/L
RT: 2.977 min Scan# 509
Delta R.T. 0.013 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion: 43 Resp: 1921
Ion Ratio Lower Upper
43 100
74 21.0 19.1 28.7





#17

Methyl tert-butyl Ether

Concen: 0.496 ug/L

RT: 3.372 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU047325.D

Acq: 04 Mar 2022 12:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5007

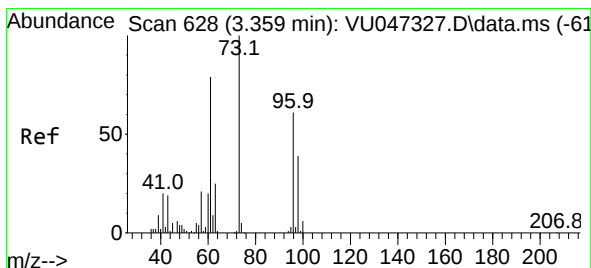
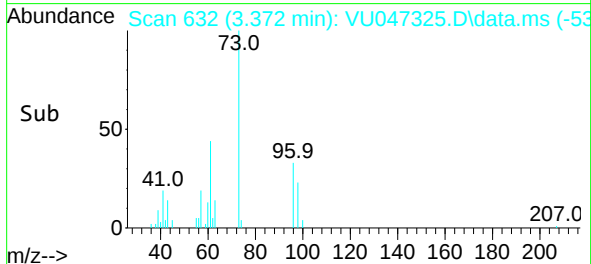
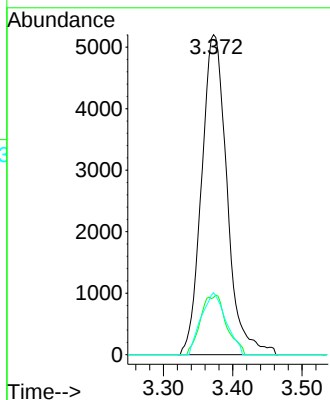
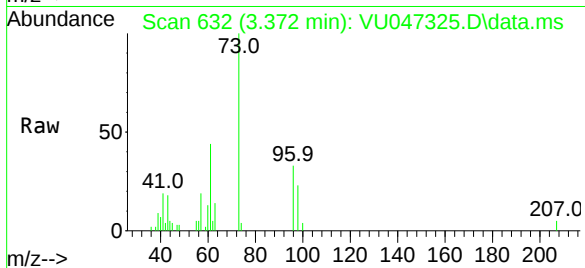
Tgt Ion: 73 Resp: 13273

Ion Ratio Lower Upper

73 100

43 19.0 14.8 22.2

57 18.8 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 0.483 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU047325.D

Acq: 04 Mar 2022 12:41

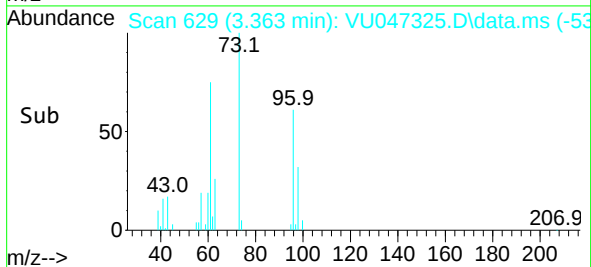
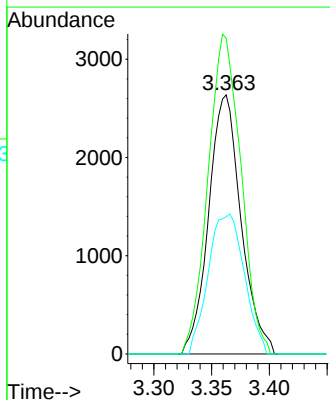
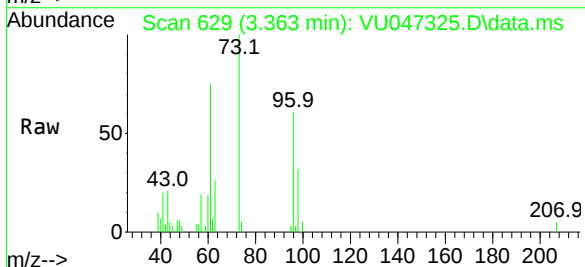
Tgt Ion: 96 Resp: 5148

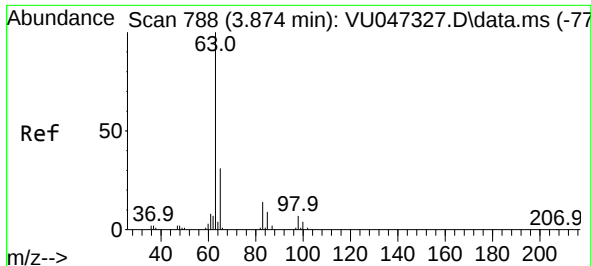
Ion Ratio Lower Upper

96 100

61 121.8 100.8 187.2

98 53.0 45.1 83.7

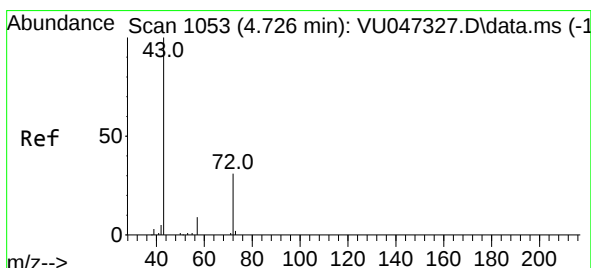
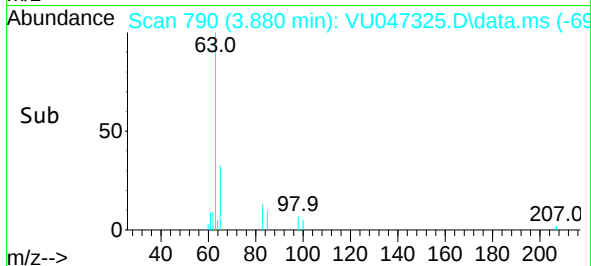
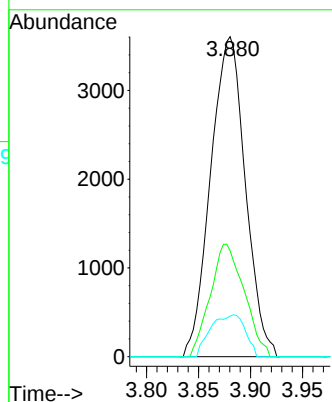
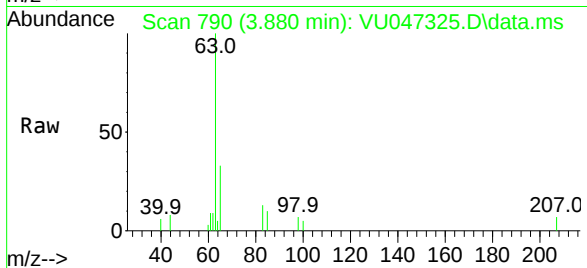




#19
1,1-Dichloroethane
Concen: 0.474 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.006 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

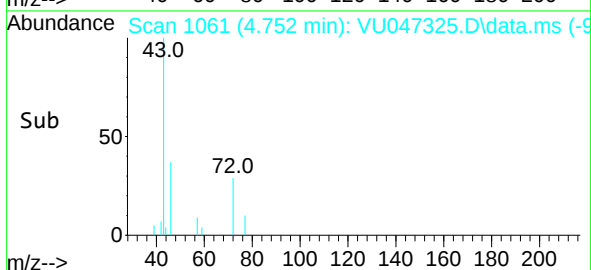
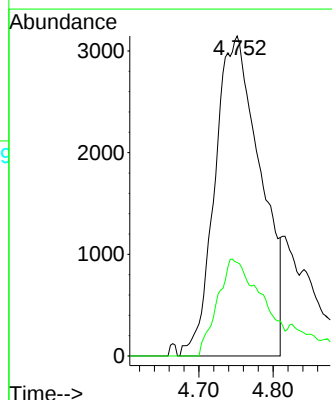
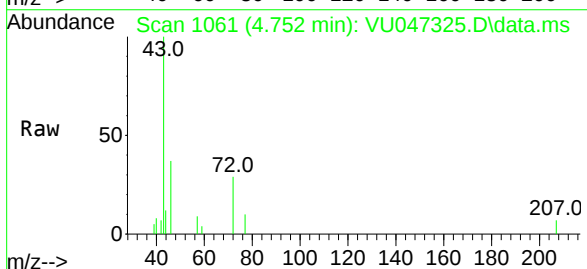
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

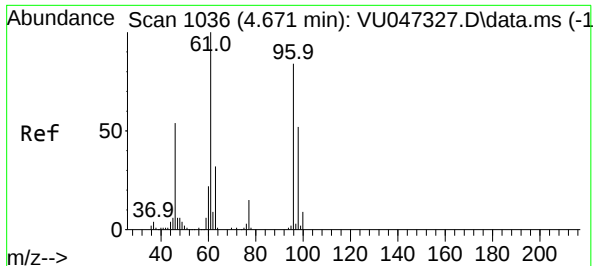
Tgt Ion: 63	Resp:	8376
Ion	Ratio	Lower Upper
63	100	
65	33.1	22.3 41.5
83	12.7	9.6 17.8



#21
2-Butanone
Concen: 4.416 ug/L
RT: 4.752 min Scan# 1061
Delta R.T. 0.026 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion: 43	Resp:	13416
Ion	Ratio	Lower Upper
43	100	
72	29.6	14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 0.480 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU047325.D

Acq: 04 Mar 2022 12:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5007

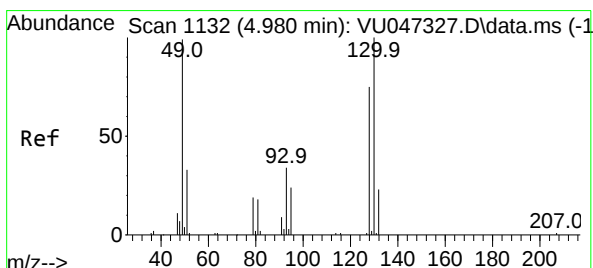
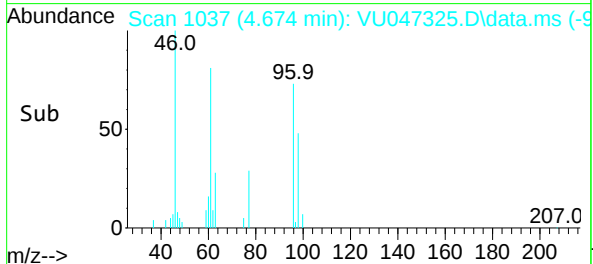
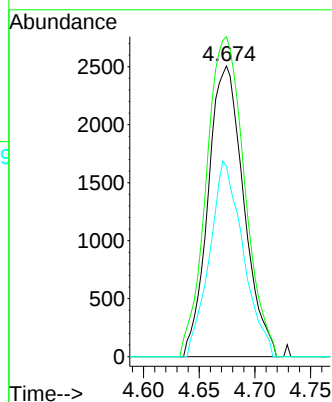
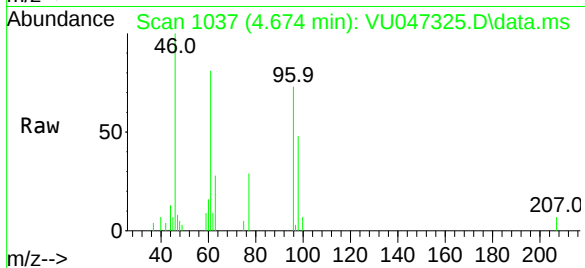
Tgt Ion: 96 Resp: 5568

Ion Ratio Lower Upper

96 100

61 110.1 88.5 164.3

98 65.6 44.4 82.5



#23

Bromochloromethane

Concen: 0.472 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU047325.D

Acq: 04 Mar 2022 12:41

Tgt Ion: 128 Resp: 2705

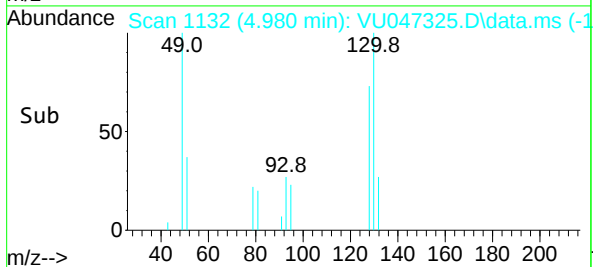
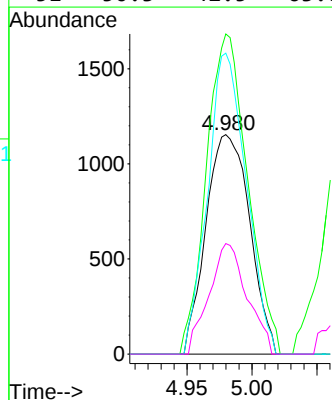
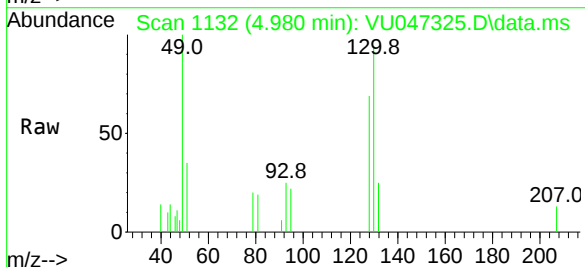
Ion Ratio Lower Upper

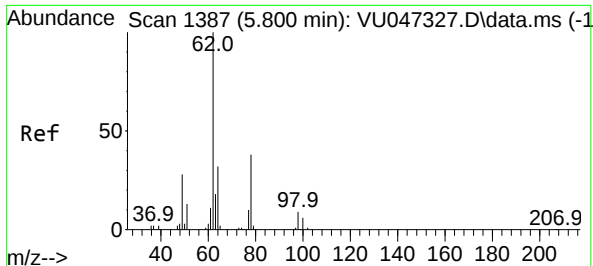
128 100

49 145.8 117.0 217.2

130 137.1 88.2 163.8

51 50.3 42.5 63.7

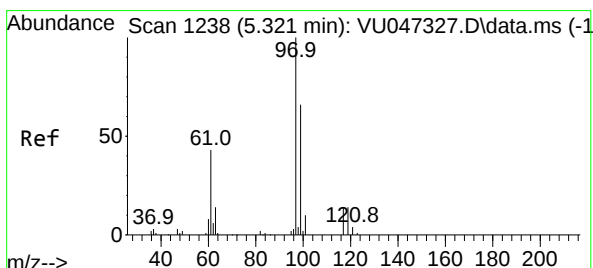
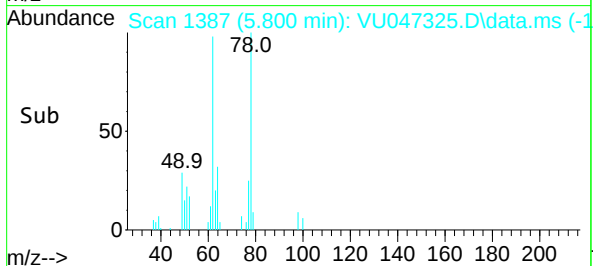
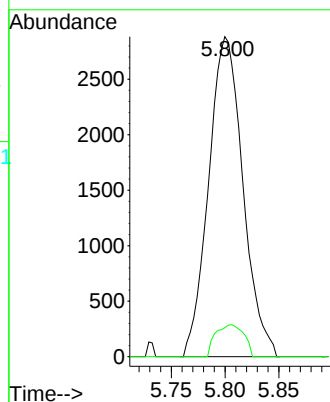
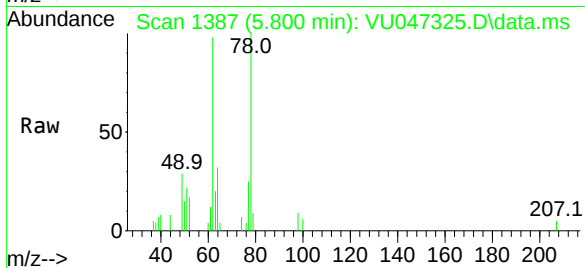




#27
1,2-Dichloroethane
Concen: 0.490 ug/L
RT: 5.800 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

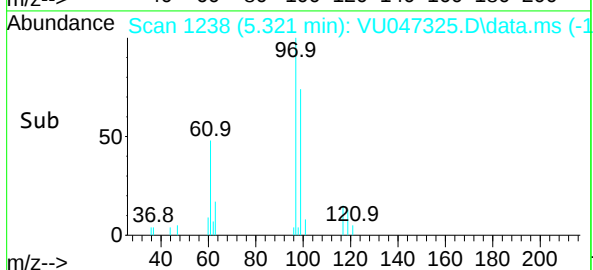
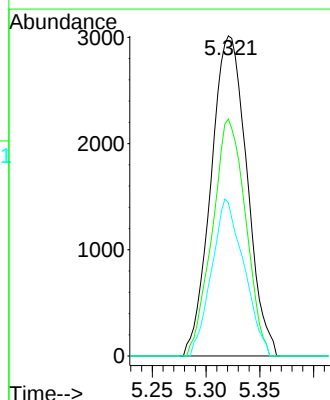
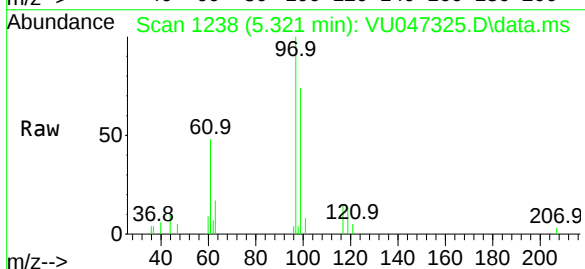
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

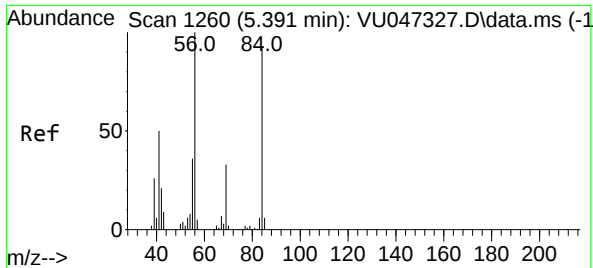
Tgt Ion: 62 Resp: 6394
Ion Ratio Lower Upper
62 100
98 9.1 7.8 11.8



#29
1,1,1-Trichloroethane
Concen: 0.454 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion: 97 Resp: 6997
Ion Ratio Lower Upper
97 100
99 68.5 51.3 76.9
61 44.2 36.1 54.1

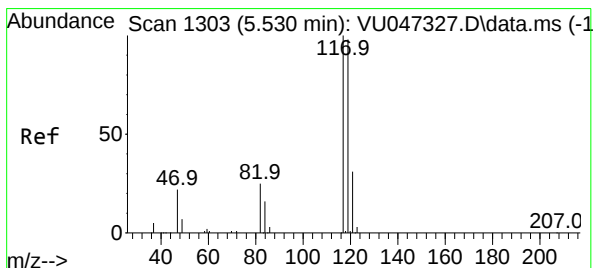
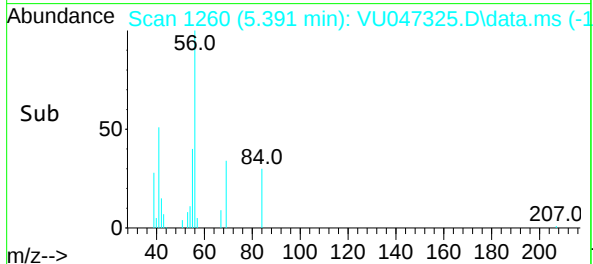
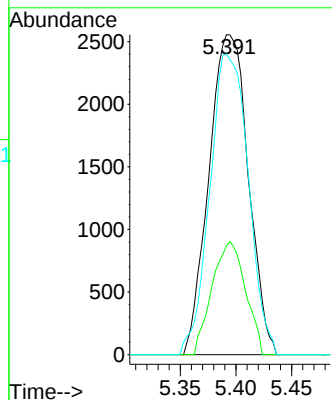
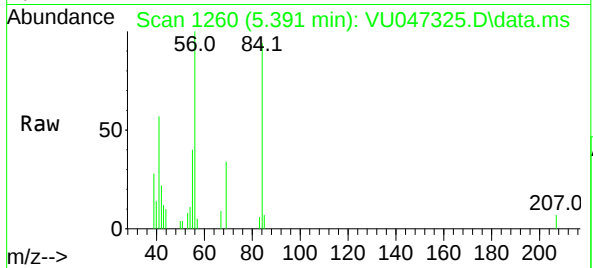




#30
Cyclohexane
Concen: 0.427 ug/L
RT: 5.391 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

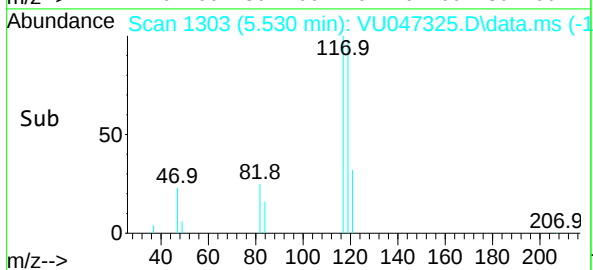
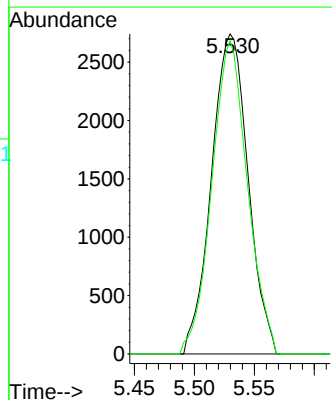
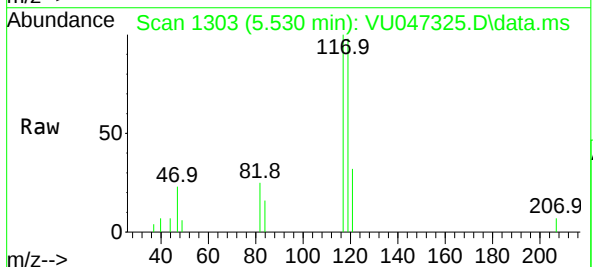
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

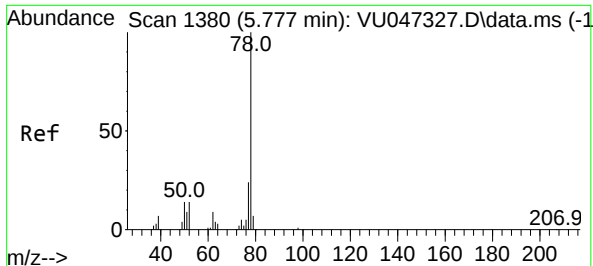
Tgt Ion: 56 Resp: 6282
Ion Ratio Lower Upper
56 100
69 29.9 24.7 37.1
84 91.9 71.8 107.6



#31
Carbon tetrachloride
Concen: 0.441 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion: 117 Resp: 5827
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3

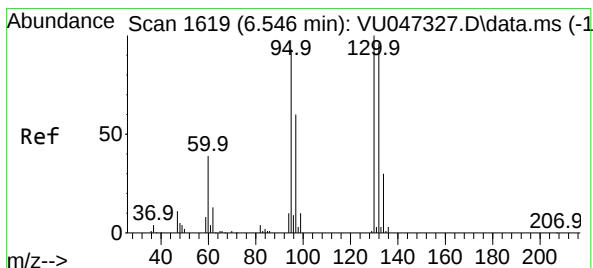
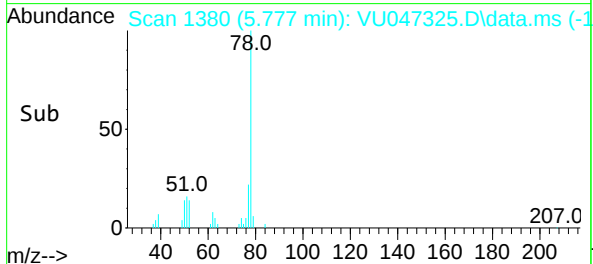
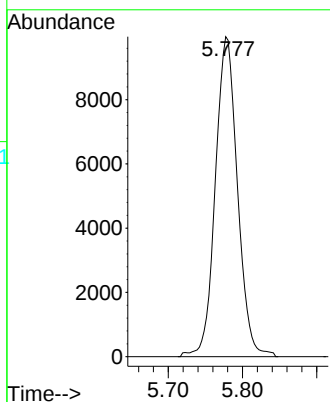
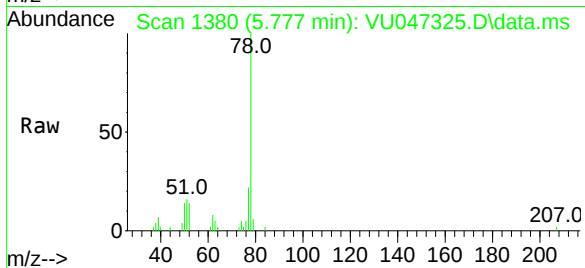




#33
Benzene
Concen: 0.484 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

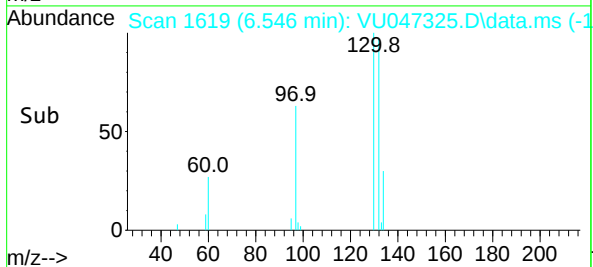
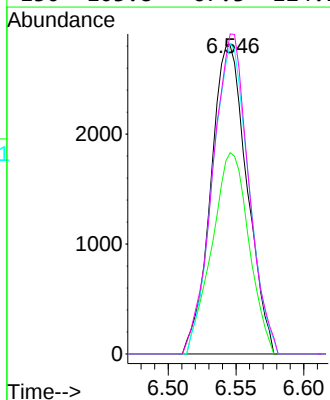
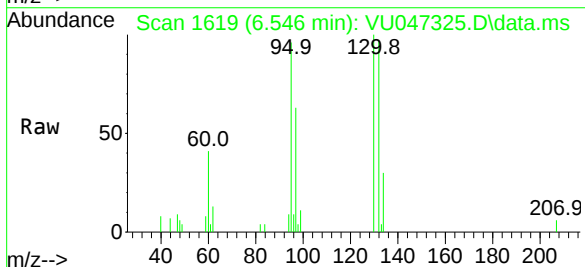
Tgt Ion: 78 Resp: 20671

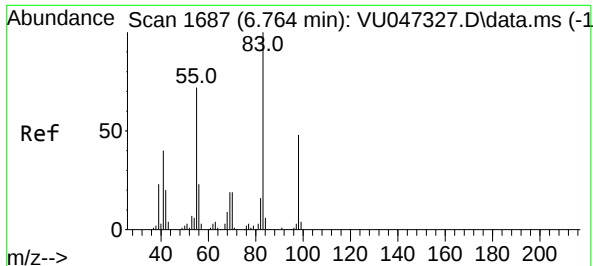


#34
Trichloroethene
Concen: 0.471 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion: 95 Resp: 5218

Ion	Ratio	Lower	Upper
95	100		
97	65.3	46.5	86.5
132	100.7	65.1	120.9
130	103.8	67.3	124.9

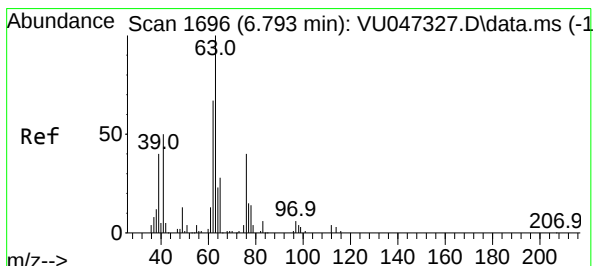
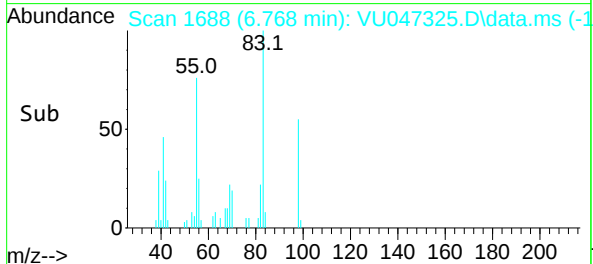
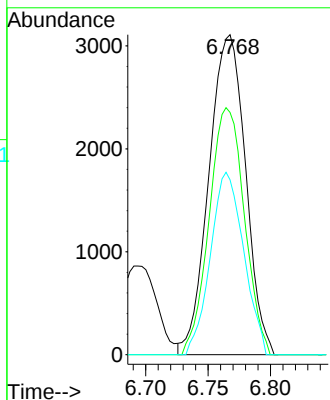
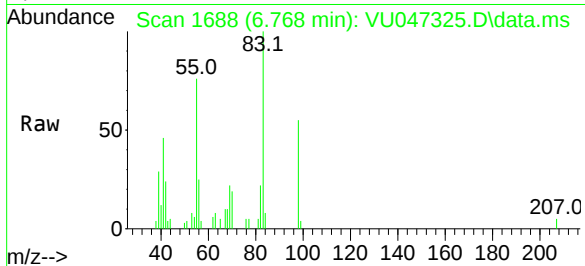




#35
Methylcyclohexane
Concen: 0.400 ug/L
RT: 6.768 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

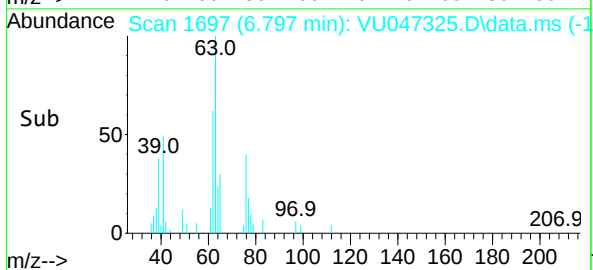
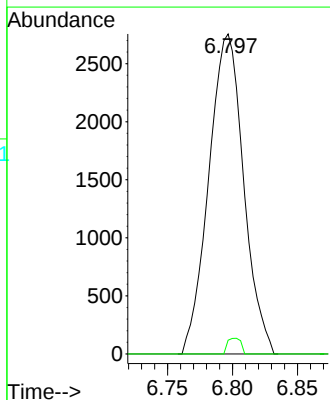
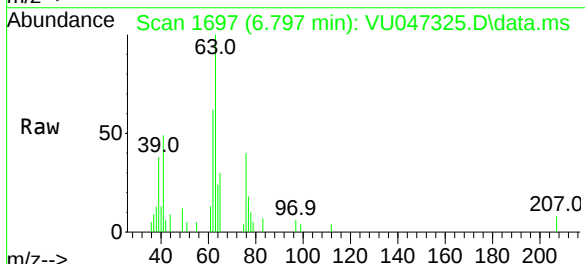
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

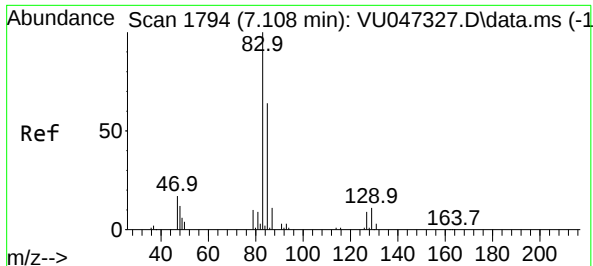
Tgt Ion: 83 Resp: 6363
Ion Ratio Lower Upper
83 100
55 74.4 61.9 92.9
98 51.7 39.0 58.6



#37
1,2-Dichloropropane
Concen: 0.483 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion: 63 Resp: 5139
Ion Ratio Lower Upper
63 100
112 1.9 3.2 4.8#

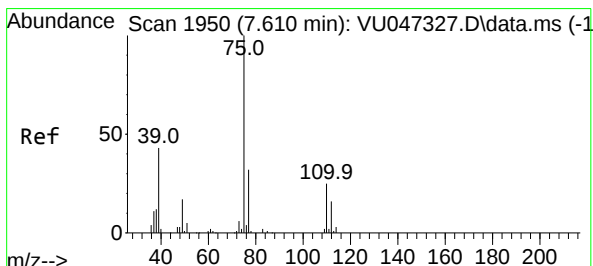
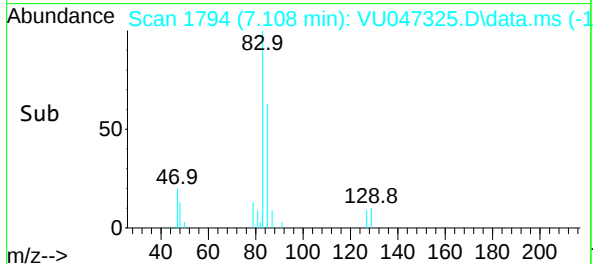
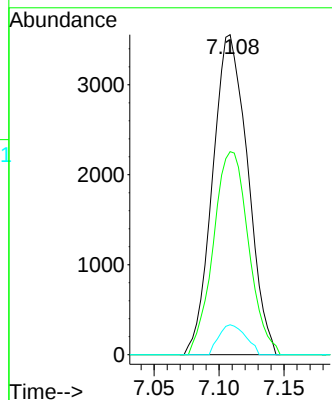
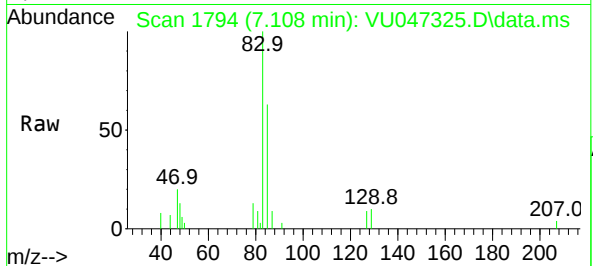




#38
Bromodichloromethane
Concen: 0.481 ug/L
RT: 7.108 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

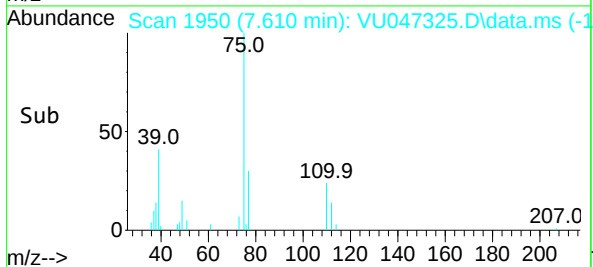
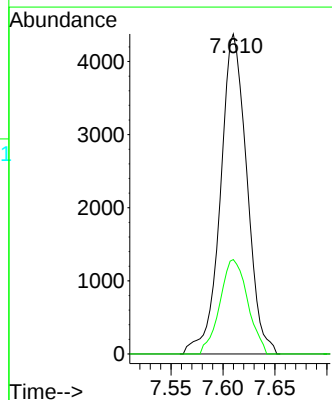
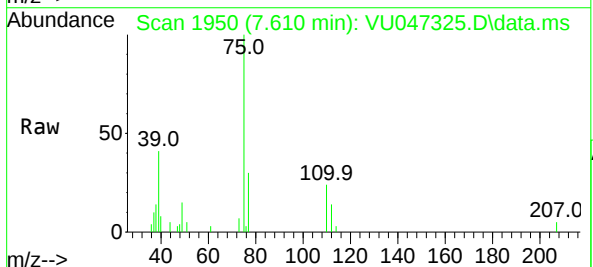
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

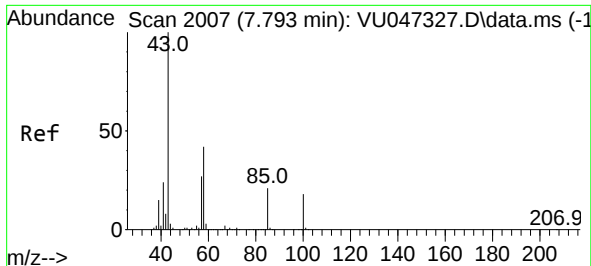
Tgt Ion: 83 Resp: 6672
Ion Ratio Lower Upper
83 100
85 63.5 44.0 81.8
127 9.3 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 0.467 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion: 75 Resp: 7738
Ion Ratio Lower Upper
75 100
77 29.5 22.5 41.9

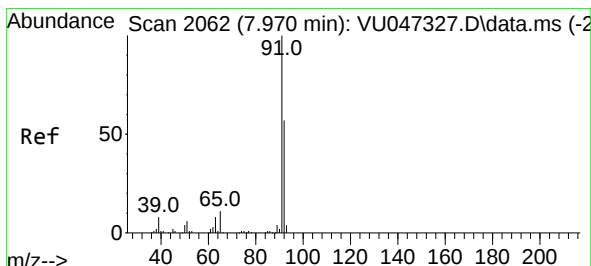
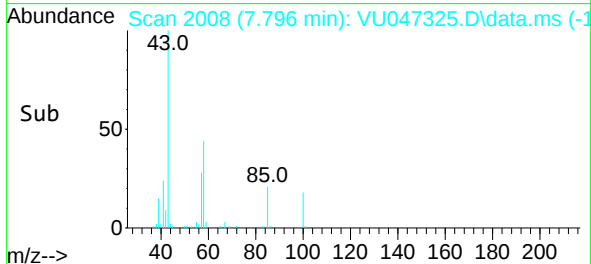
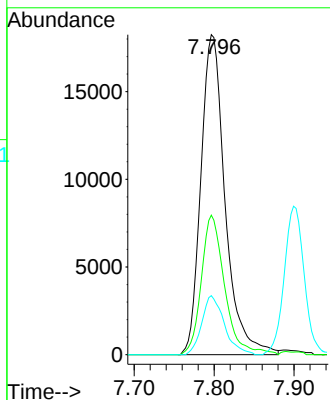
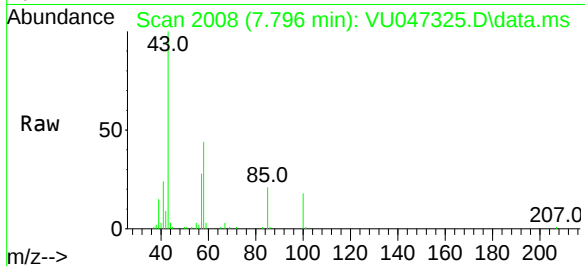




#40
4-Methyl-2-pentanone
Concen: 4.855 ug/L
RT: 7.796 min Scan# 2007
Delta R.T. 0.003 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

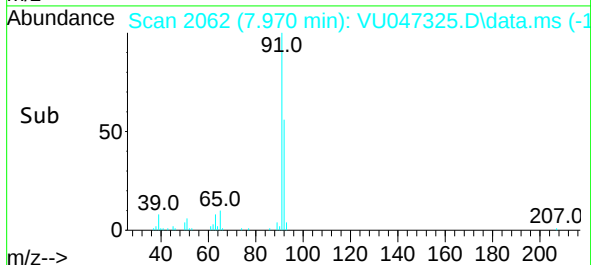
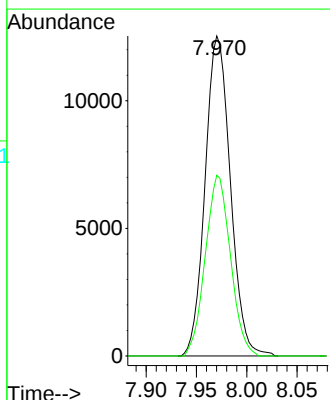
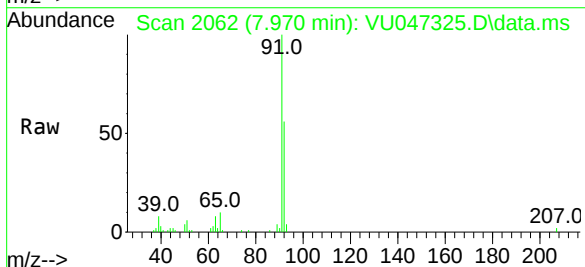
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

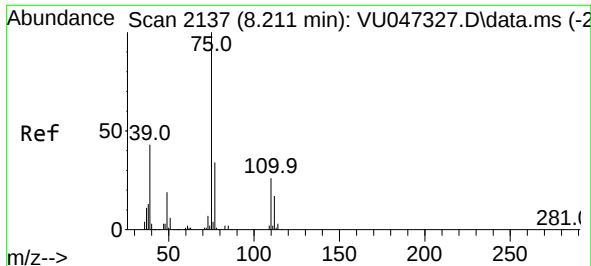
Tgt Ion: 43 Resp: 38532
Ion Ratio Lower Upper
43 100
58 41.9 33.1 49.7
100 17.1 13.2 19.8



#42
Toluene
Concen: 0.473 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion: 91 Resp: 21918
Ion Ratio Lower Upper
91 100
92 56.4 41.3 76.7

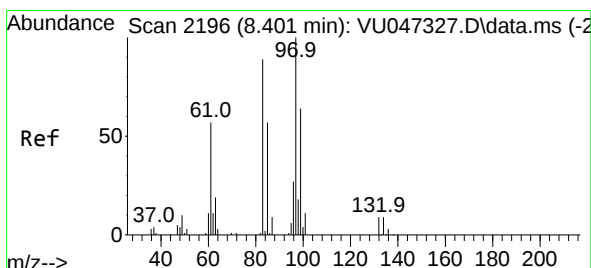
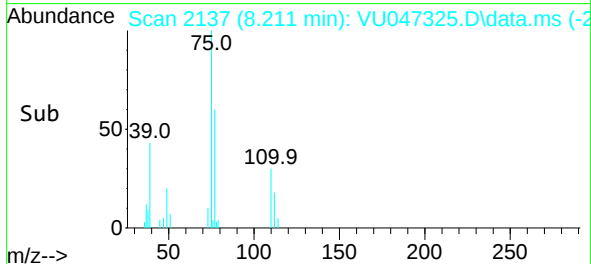
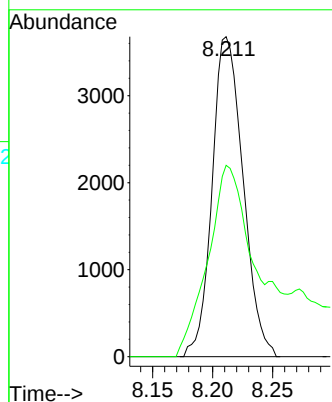
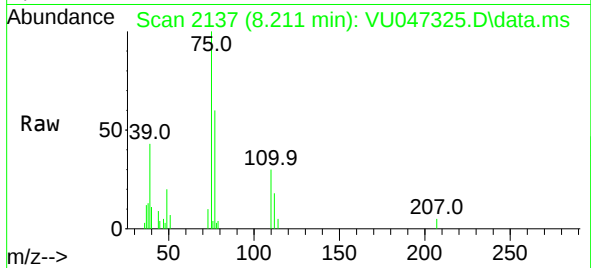




#44
trans-1,3-Dichloropropene
Concen: 0.456 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

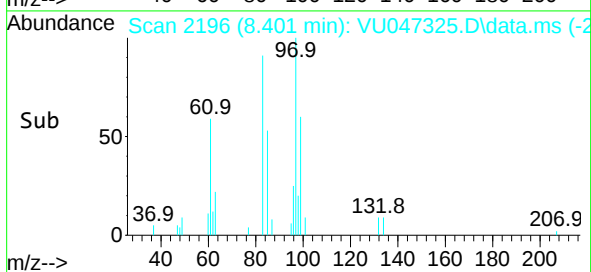
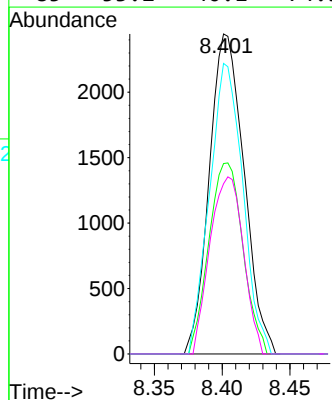
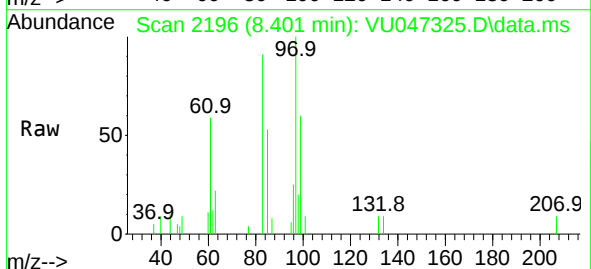
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

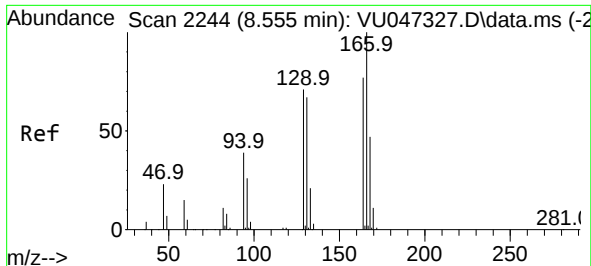
Tgt Ion: 75 Resp: 6595
Ion Ratio Lower Upper
75 100
77 59.8 22.7 42.3#



#45
1,1,2-Trichloroethane
Concen: 0.477 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion: 97 Resp: 4361
Ion Ratio Lower Upper
97 100
99 59.5 42.3 78.5
83 90.8 62.0 115.2
85 53.2 40.1 74.5

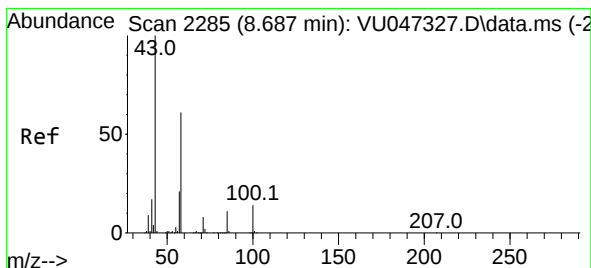
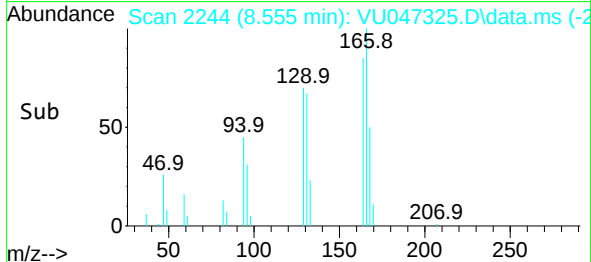
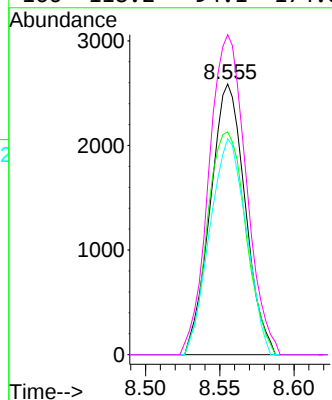
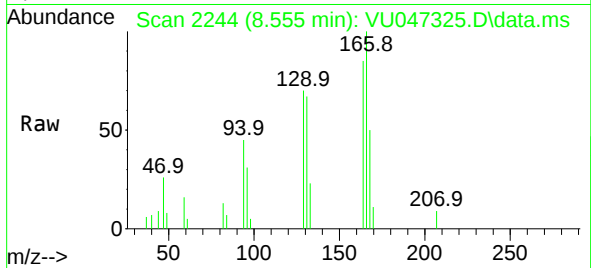




#47
Tetrachloroethene
Concen: 0.455 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

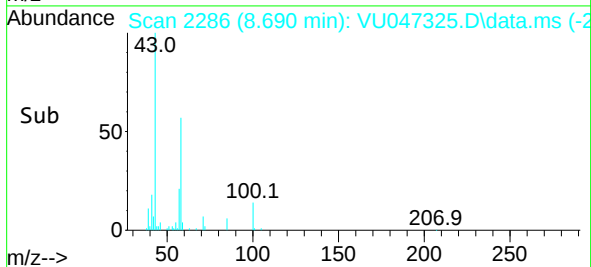
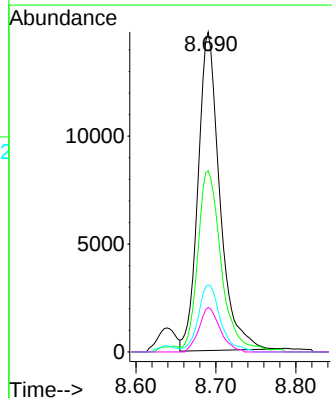
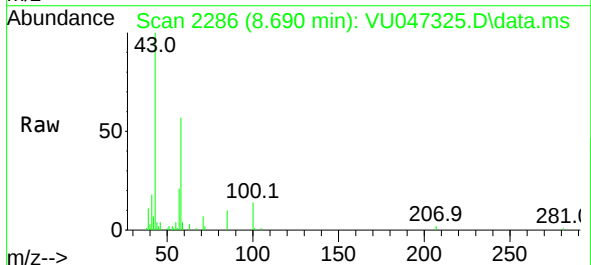
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

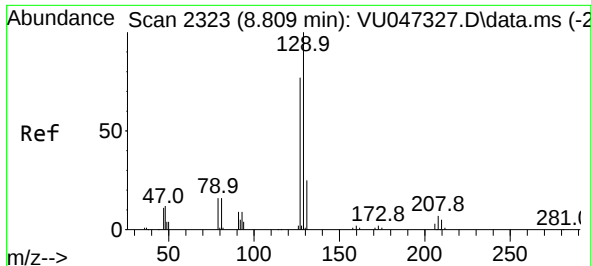
Tgt	Ion:164	Resp:	4235
Ion	Ratio	Lower	Upper
164	100		
129	82.3	71.8	133.4
131	79.7	68.5	127.3
166	118.2	94.1	174.8



#48
2-Hexanone
Concen: 4.757 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion: 43	Resp: 27901
Ion Ratio	Lower Upper
43 100	
58 59.9	46.7 70.1
57 21.7	16.3 24.5
100 13.5	10.5 15.7





#49

Dibromochloromethane

Concen: 0.453 ug/L

RT: 8.809 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047325.D

Acq: 04 Mar 2022 12:41

Instrument :

MSVOA_U

ClientSampleId :

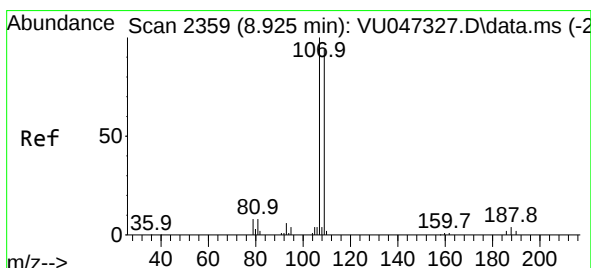
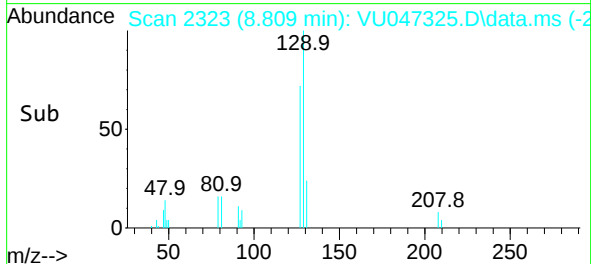
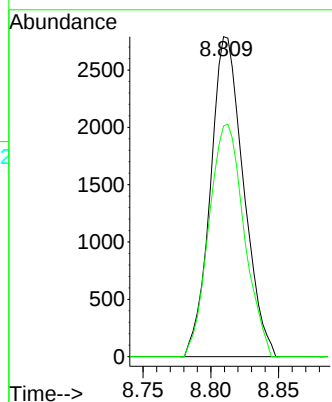
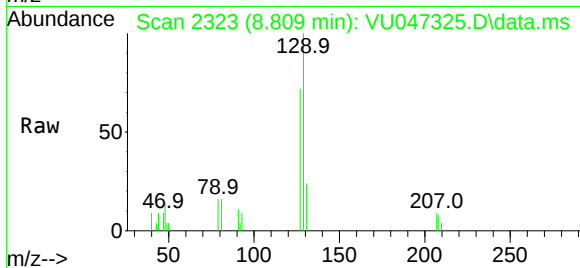
VSTD0.5007

Tgt Ion:129 Resp: 4735

Ion Ratio Lower Upper

129 100

127 72.1 55.4 102.8



#50

1,2-Dibromoethane

Concen: 0.466 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. 0.003 min

Lab File: VU047325.D

Acq: 04 Mar 2022 12:41

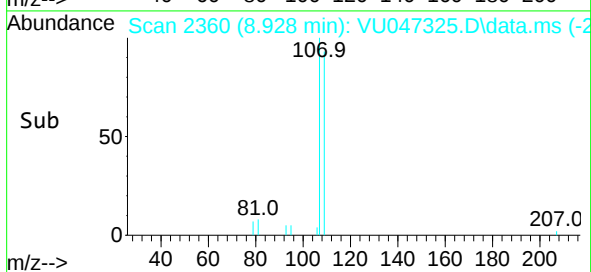
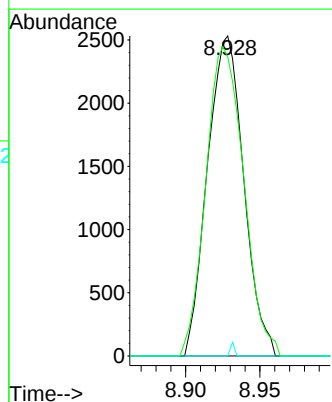
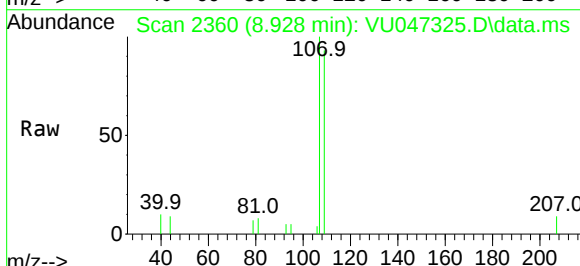
Tgt Ion:107 Resp: 4301

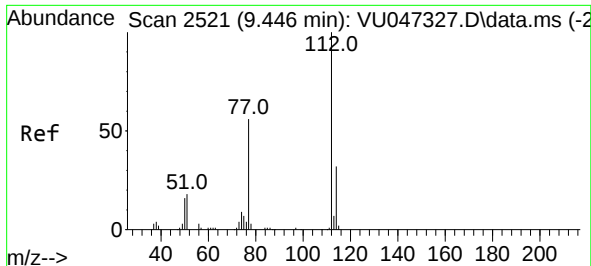
Ion Ratio Lower Upper

107 100

109 93.5 64.0 119.0

188 0.0 2.4 3.6#

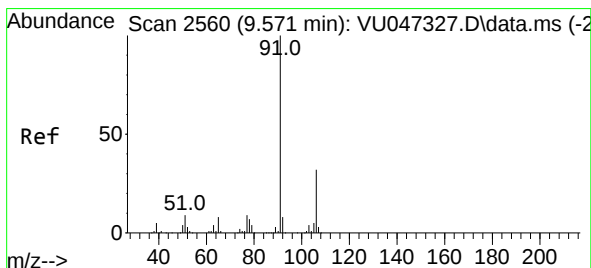
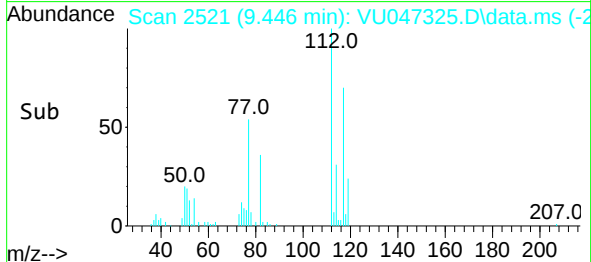
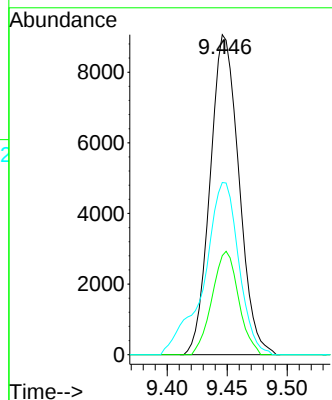
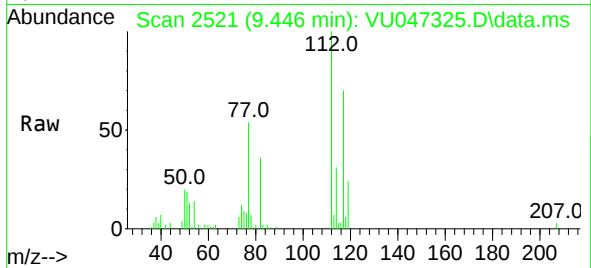




#51
Chlorobenzene
Concen: 0.484 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

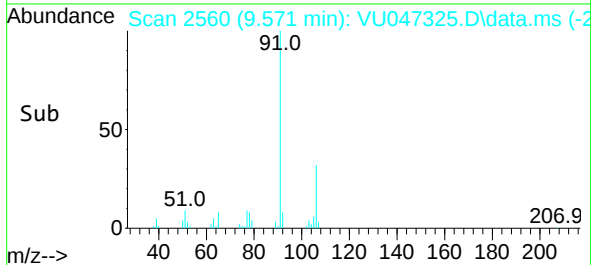
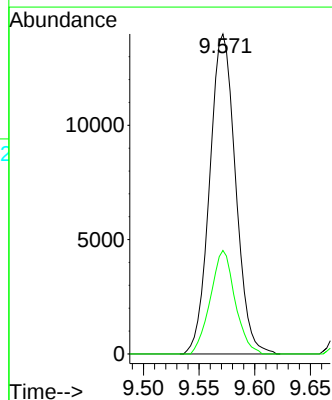
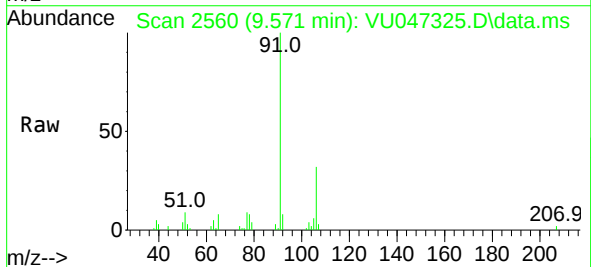
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

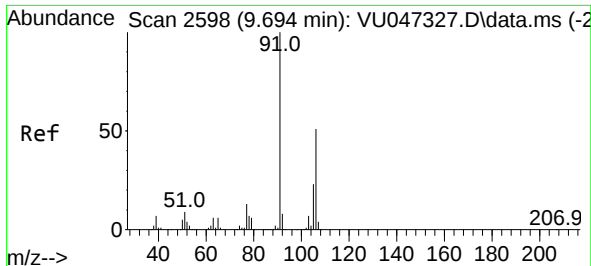
Tgt Ion:112 Resp: 15145
Ion Ratio Lower Upper
112 100
114 30.9 22.1 41.1
77 53.8 48.3 72.5



#52
Ethylbenzene
Concen: 0.467 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion: 91 Resp: 22620
Ion Ratio Lower Upper
91 100
106 32.4 21.5 39.9

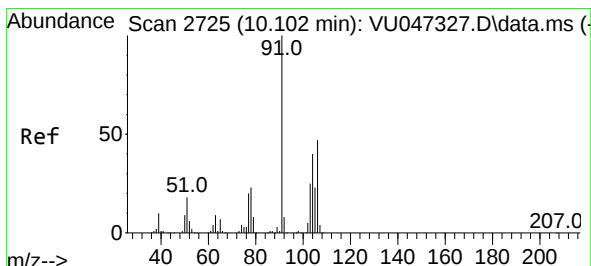
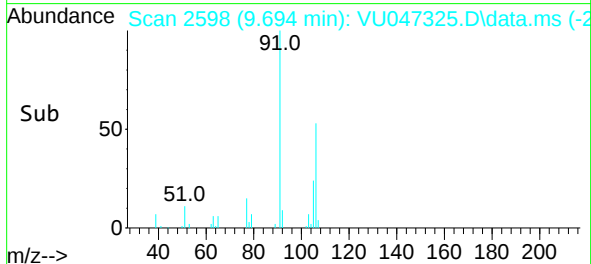
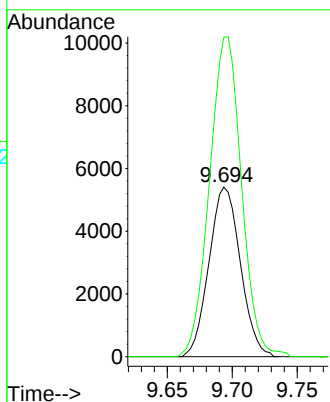
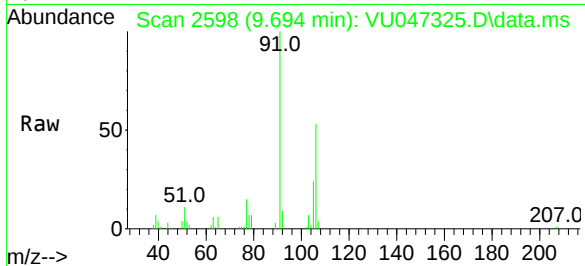




#53
m,p-Xylene
Concen: 0.469 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

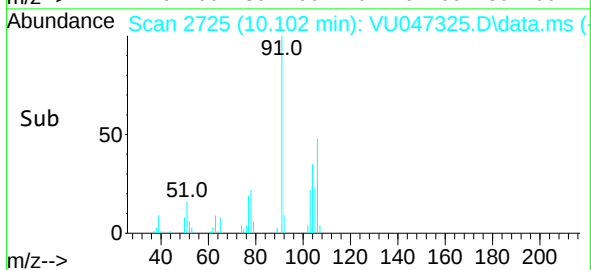
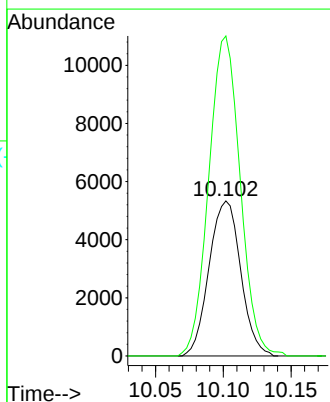
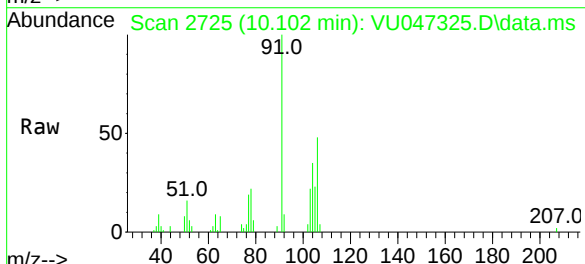
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

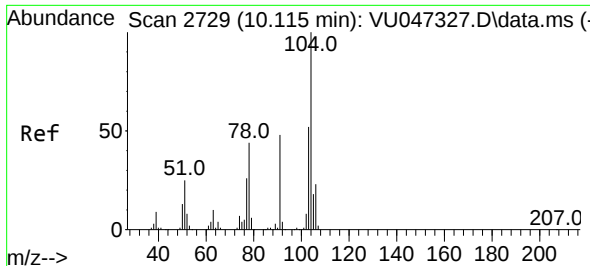
Tgt Ion:106 Resp: 9086
Ion Ratio Lower Upper
106 100
91 188.3 139.4 259.0



#54
o-Xylene
Concen: 0.465 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion:106 Resp: 8654
Ion Ratio Lower Upper
106 100
91 206.5 147.5 273.9

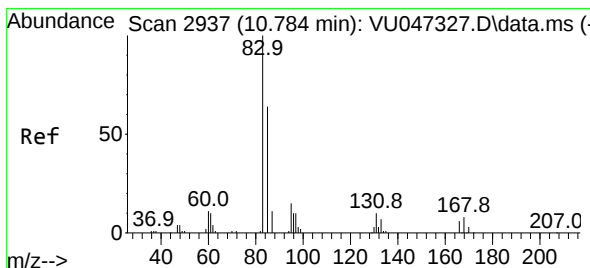
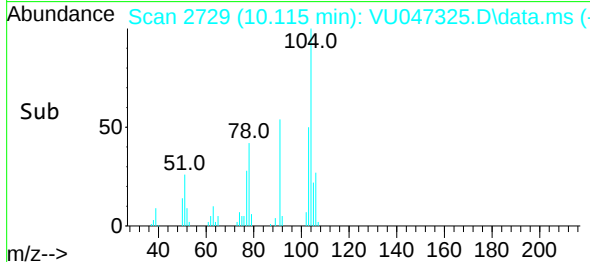
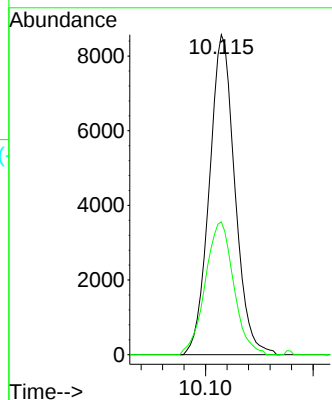
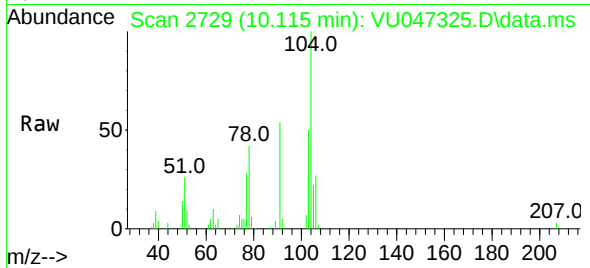




#55
Styrene
Concen: 0.454 ug/L
RT: 10.115 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

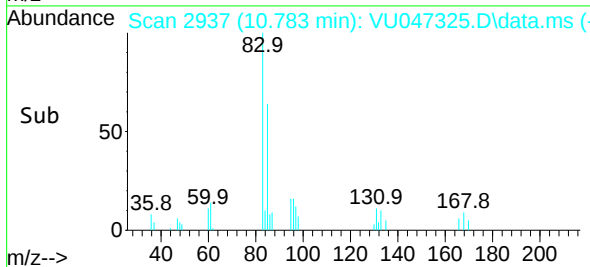
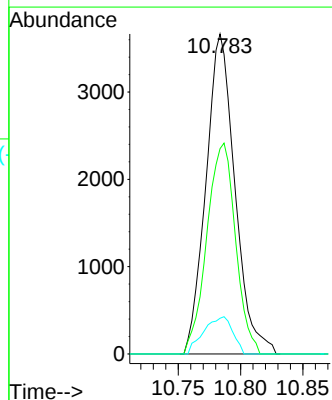
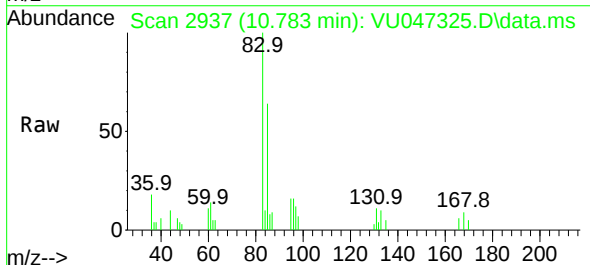
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

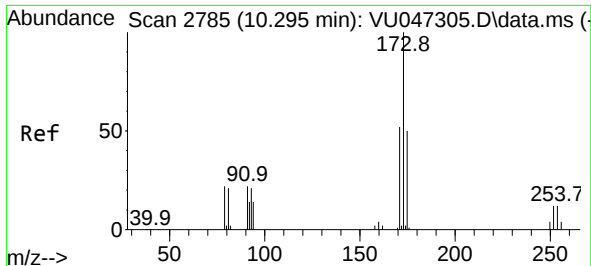
Tgt Ion:104 Resp: 14150
Ion Ratio Lower Upper
104 100
78 41.5 33.0 61.4



#57
1,1,2,2-Tetrachloroethane
Concen: 0.478 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion: 83 Resp: 5929
Ion Ratio Lower Upper
83 100
85 64.1 47.9 89.1
131 11.1 8.1 12.1

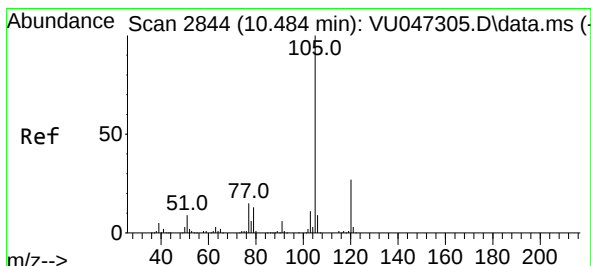
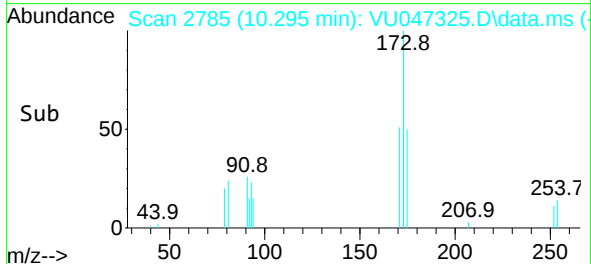
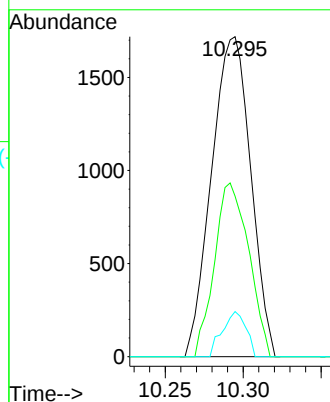
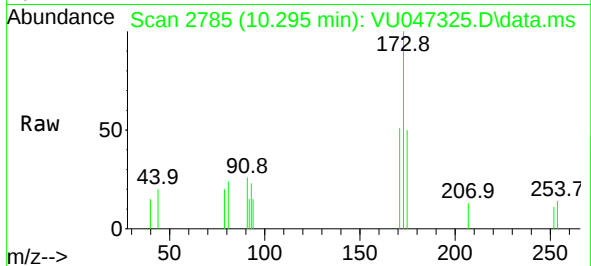




#59
Bromoform
Concen: 0.407 ug/L
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

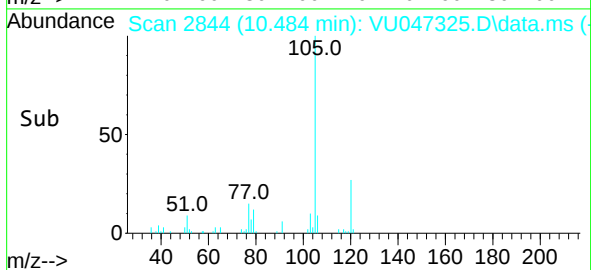
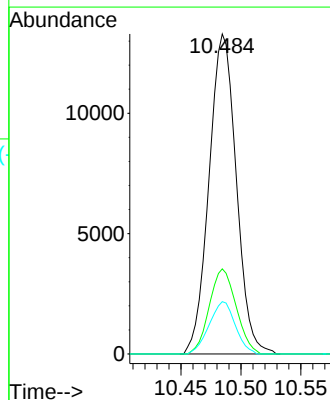
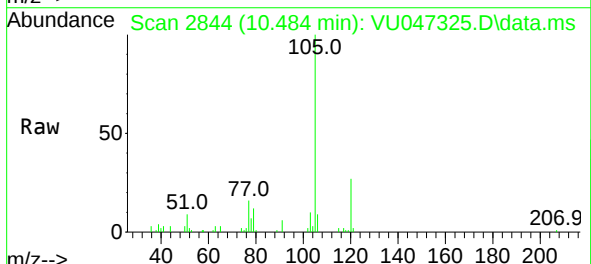
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

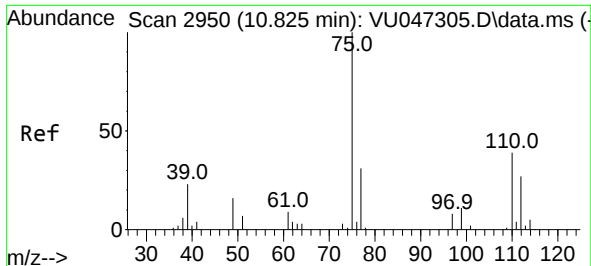
Tgt Ion:	173	Resp:	2998
Ion Ratio	Lower	Upper	
173	100		
175	47.4	37.8	56.6
254	8.5	7.3	10.9



#60
Isopropylbenzene
Concen: 0.402 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion:	105	Resp:	20990
Ion Ratio	Lower	Upper	
105	100		
120	26.1	20.7	31.1
77	15.7	12.6	19.0

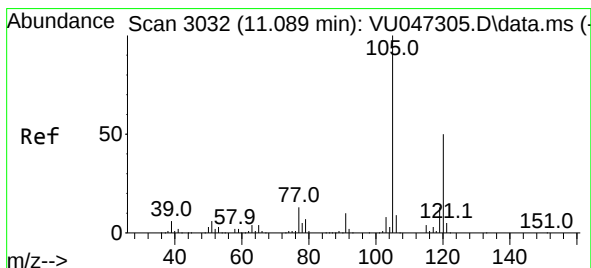
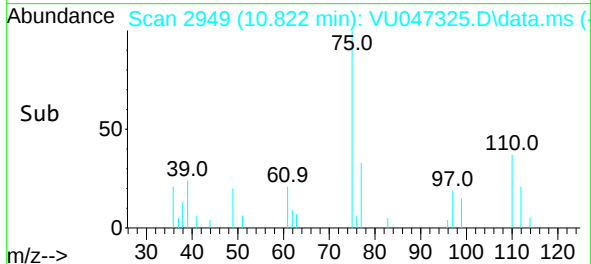
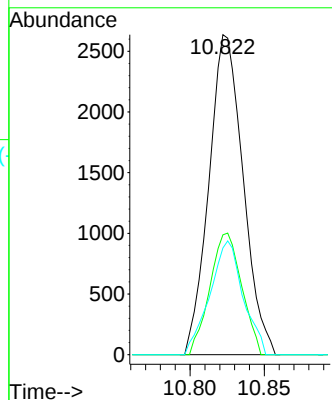
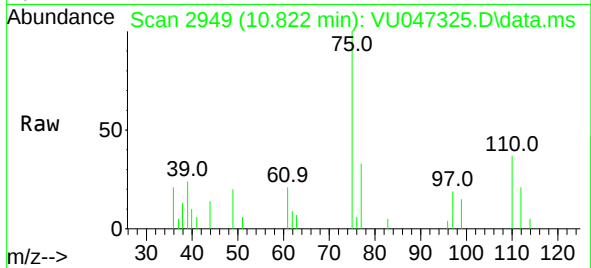




#61
1,2,3-Trichloropropane
Concen: 0.459 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

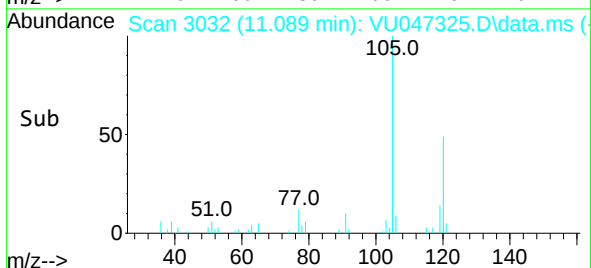
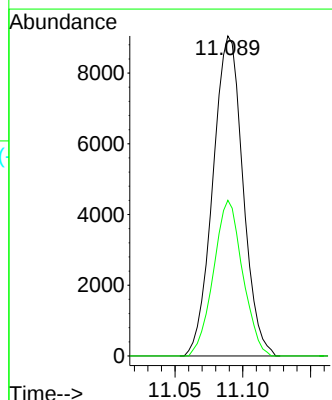
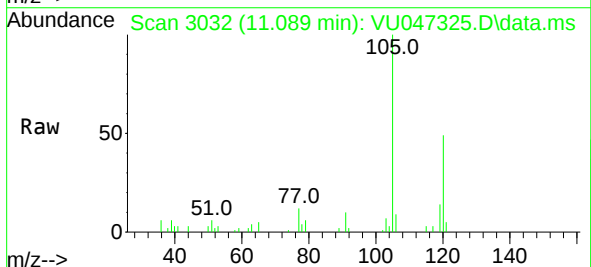
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

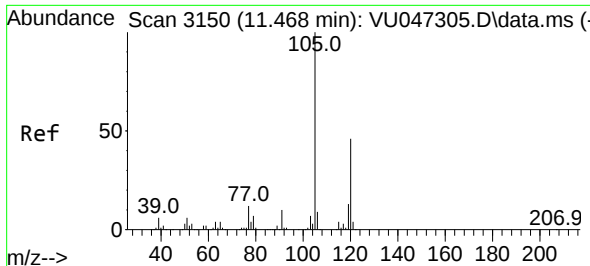
Tgt Ion: 75 Resp: 4220
Ion Ratio Lower Upper
75 100
110 35.3 29.9 44.9
77 34.6 25.5 38.3



#62
1,3,5-Trimethylbenzene
Concen: 0.404 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion: 105 Resp: 13959
Ion Ratio Lower Upper
105 100
120 47.1 38.3 57.5

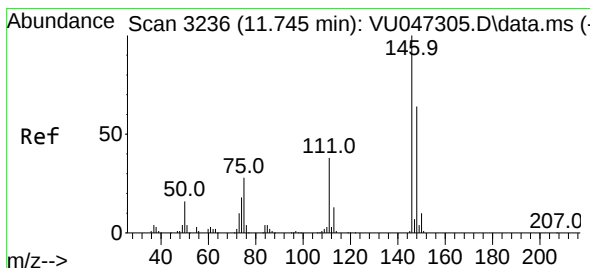
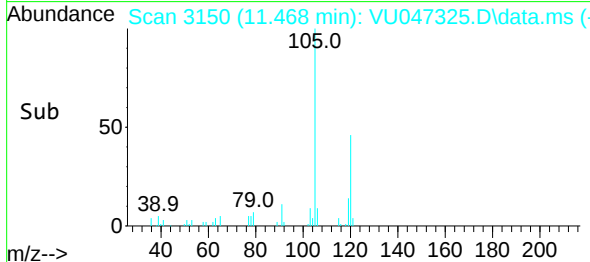
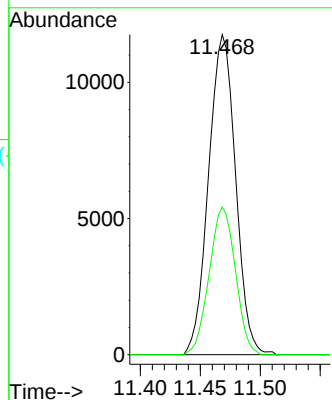
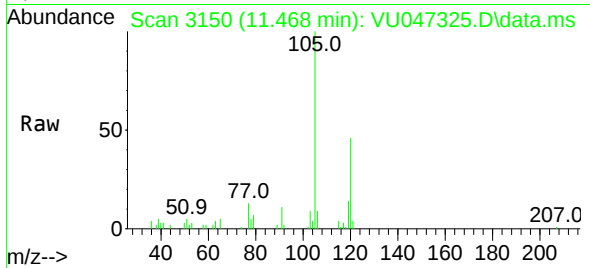




#63
1,2,4-Trimethylbenzene
Concen: 0.411 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

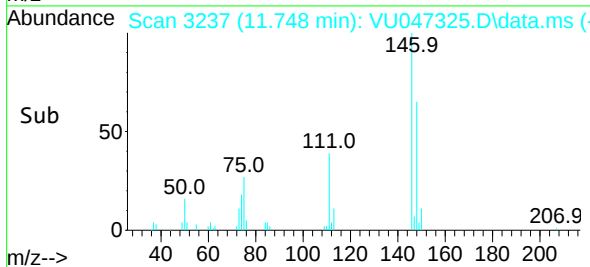
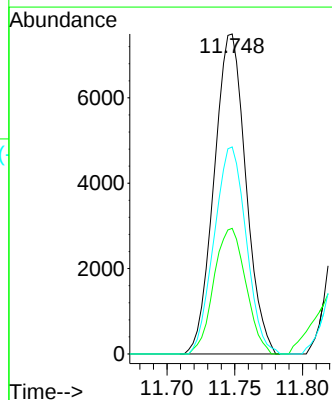
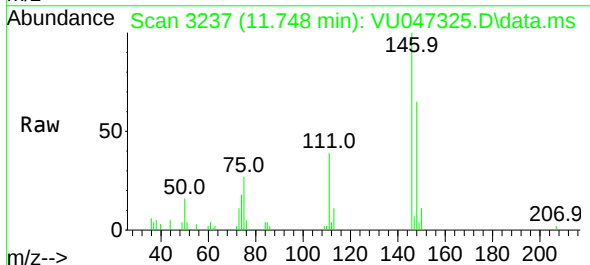
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

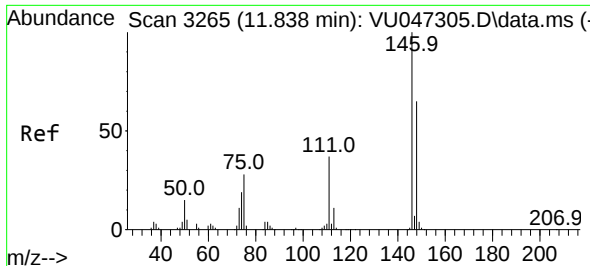
Tgt Ion:105 Resp: 18400
Ion Ratio Lower Upper
105 100
120 44.6 35.8 53.8



#64
1,3-Dichlorobenzene
Concen: 0.457 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion:146 Resp: 12206
Ion Ratio Lower Upper
146 100
111 39.2 29.9 55.5
148 64.7 44.3 82.3

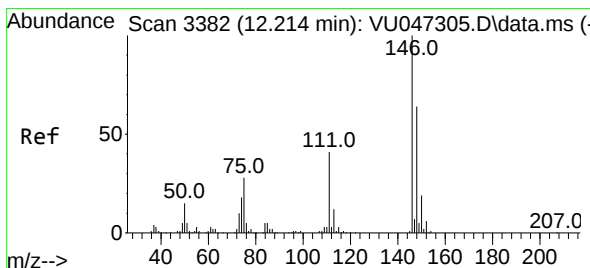
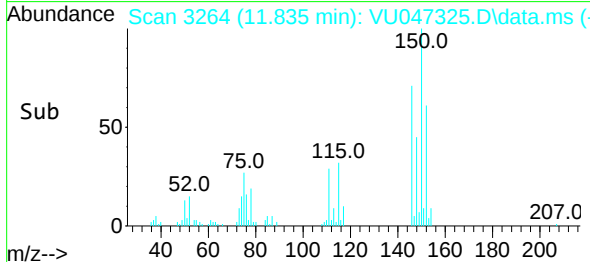
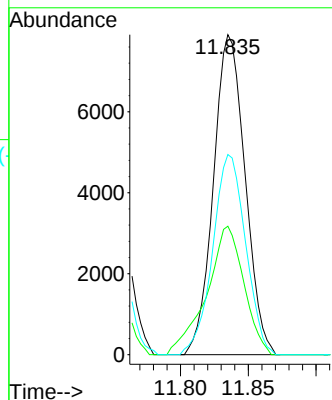
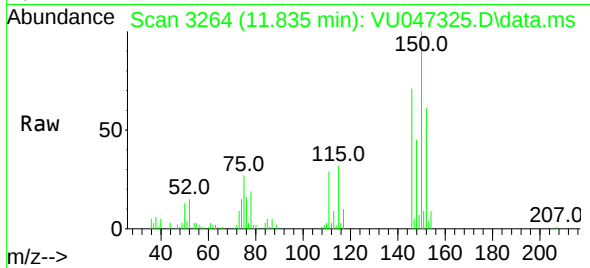




#65
1,4-Dichlorobenzene
Concen: 0.469 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

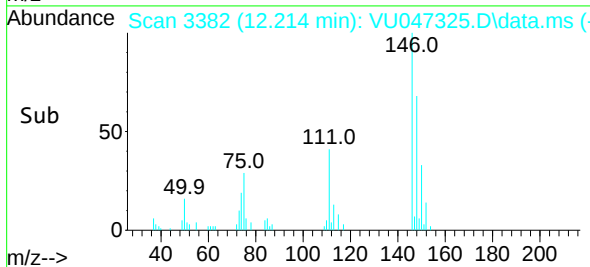
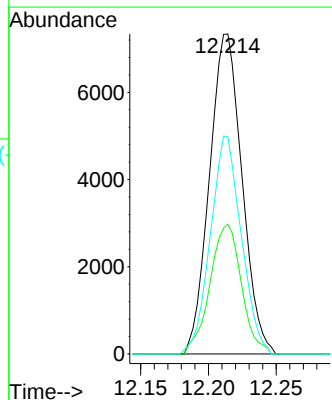
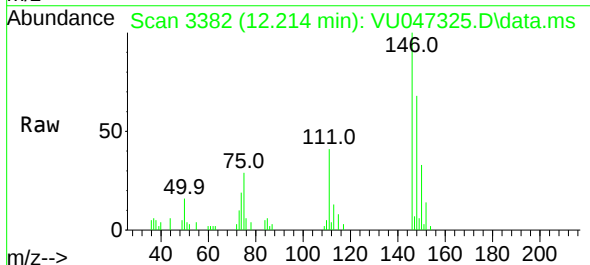
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

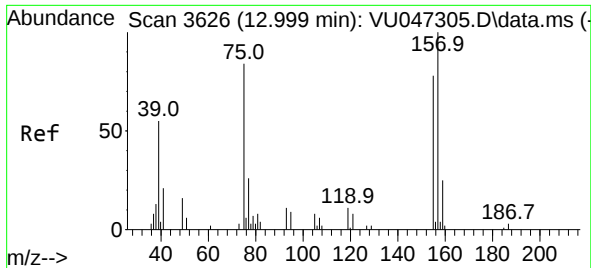
Tgt Ion:146 Resp: 12823
Ion Ratio Lower Upper
146 100
111 40.2 28.7 53.3
148 62.6 45.8 85.0



#67
1,2-Dichlorobenzene
Concen: 0.463 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

Tgt Ion:146 Resp: 12239
Ion Ratio Lower Upper
146 100
111 40.5 35.4 53.0
148 67.9 51.1 76.7

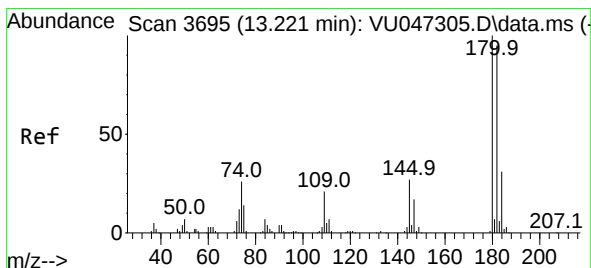
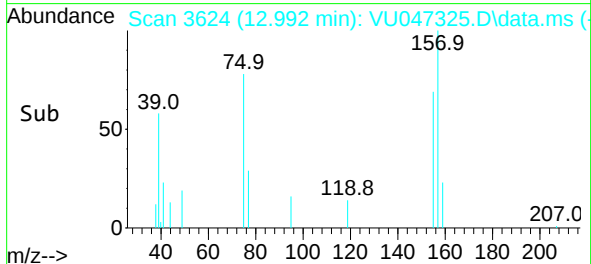
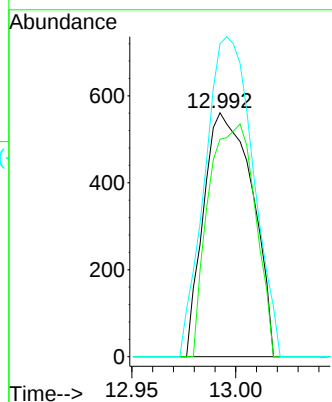
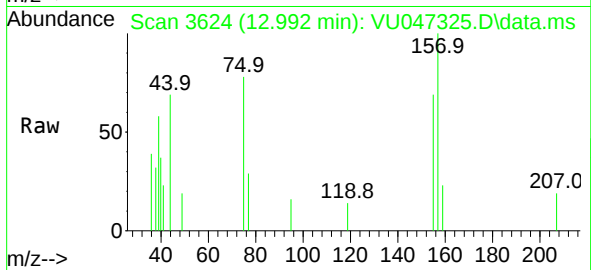




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.429 ug/L
 RT: 12.992 min Scan# 3624
 Delta R.T. -0.003 min
 Lab File: VU047325.D
 Acq: 04 Mar 2022 12:41

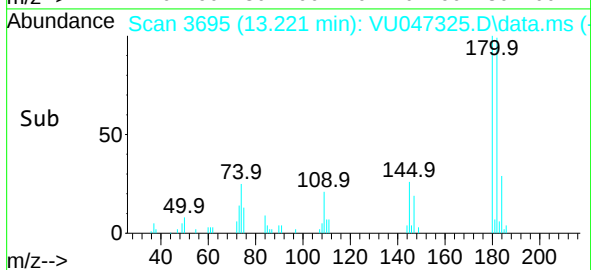
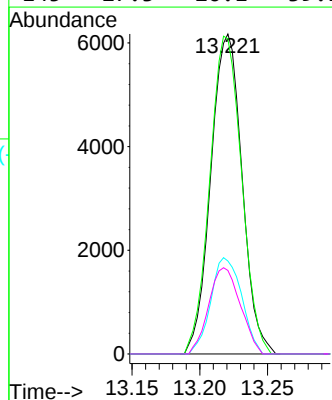
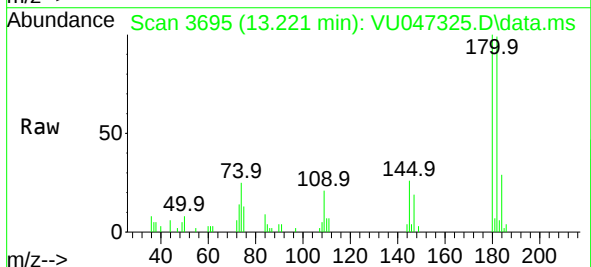
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5007

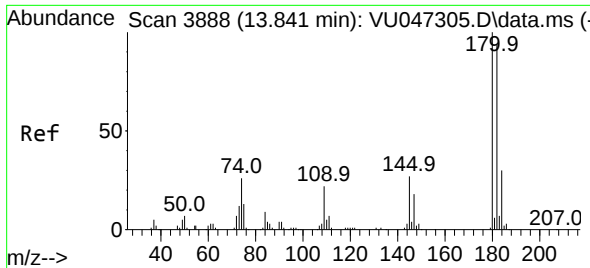
Tgt Ion: 75 Resp: 913
 Ion Ratio Lower Upper
 75 100
 155 89.1 59.2 88.8#
 157 128.3 76.5 114.7#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.435 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU047325.D
 Acq: 04 Mar 2022 12:41

Tgt Ion:180 Resp: 9872
 Ion Ratio Lower Upper
 180 100
 182 100.7 76.1 114.1
 184 29.7 25.0 37.4
 145 27.3 26.1 39.1

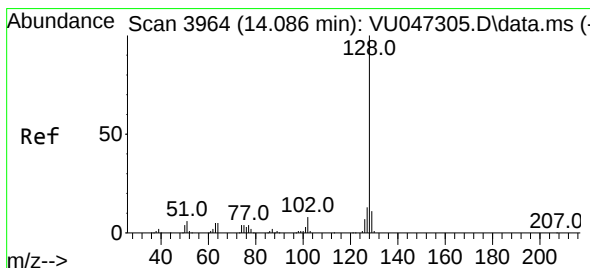
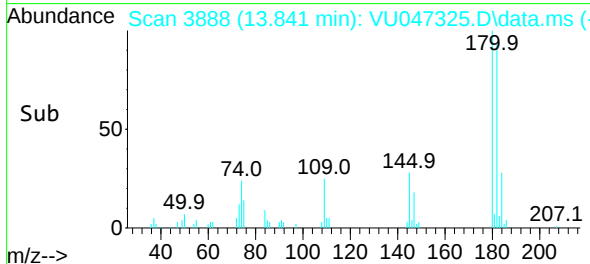
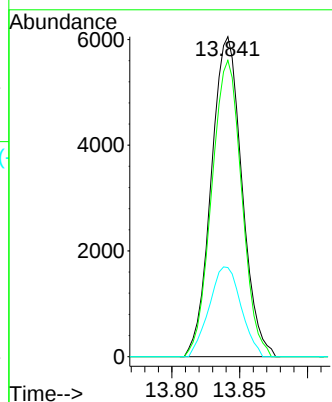
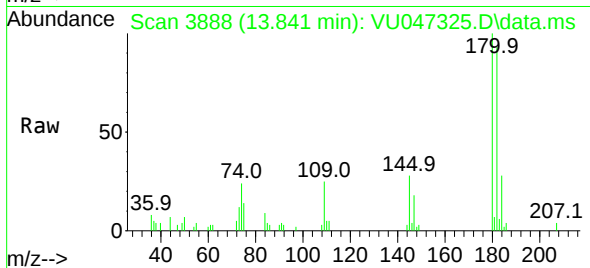




#70
1,2,4-trichlorobenzene
Concen: 0.469 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

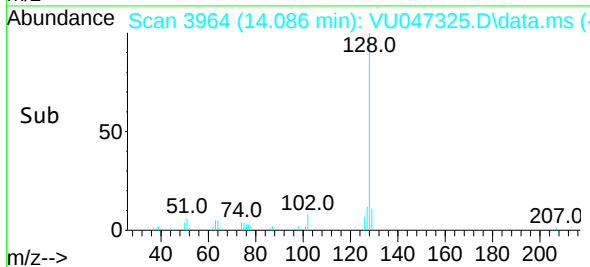
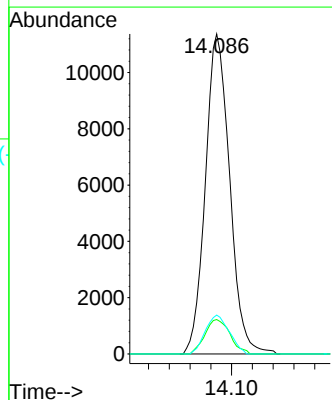
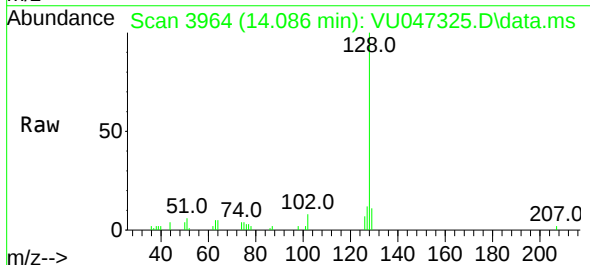
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

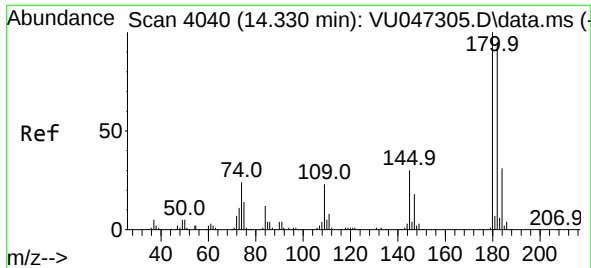
Tgt Ion:	180	Resp:	9514
Ion Ratio	Lower	Upper	
180	100		
182	90.6	76.4	114.6
145	29.2	25.6	38.4



#71
Naphthalene
Concen: 0.456 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047325.D
Acq: 04 Mar 2022 12:41

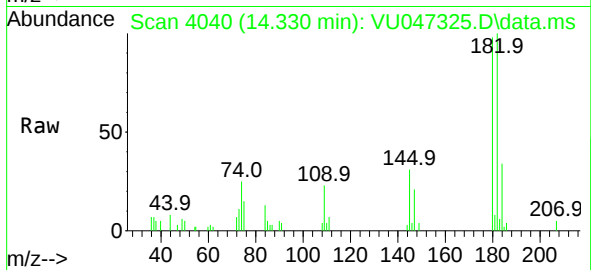
Tgt Ion:	128	Resp:	18461
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.4	12.6
127	12.0	10.2	15.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.453 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. -0.000 min
 Lab File: VU047325.D
 Acq: 04 Mar 2022 12:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5007



Tgt Ion:	180	Resp:	8638
Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.2	114.4
145	29.3	28.4	42.6

