

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047536.D
 Acq On : 14 Mar 2022 15:19
 Operator : SY/MD
 Sample : VIBLK014
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK014

Quant Time: Mar 15 05:37:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:33:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	151364	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	147446	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76567	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	47233	4.772	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.919	69	44286	4.929	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.572	65	21784	4.693	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.646	46	146539	51.448	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.900%
24) Chloroform-d	5.067	84	103580	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.707	65	57683	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.732	84	209402	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.694	67	67311	4.987	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.899	98	188988	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.182	79	27277	4.807	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.636	63	147169	50.030	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	63718	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	82407	5.151	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	323	0.035	ug/L #	42
5) Vinyl chloride	1.604	62	383	0.041	ug/L #	1
6) Bromomethane	1.864	94	62	0.014	ug/L #	2
9) Trichlorofluoromethane	2.144	101	72	0.006	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	834	0.107	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	751	0.100	ug/L #	1
13) Acetone	2.649	43	159	0.143	ug/L #	40
14) Carbon disulfide	2.800	76	2200	0.097	ug/L #	86
15) Methyl Acetate	2.810	43	40	0.013	ug/L #	48
16) Methylene chloride	3.054	84	7312	0.657	ug/L	97
18) trans-1,2-Dichloroethene	3.347	96	103	0.013	ug/L #	45
19) 1,1-Dichloroethane	3.883	63	40	0.003	ug/L #	50
21) 2-Butanone	4.736	43	699	0.331	ug/L #	50
22) cis-1,2-Dichloroethene	4.671	96	207	0.023	ug/L	96
25) Chloroform	5.099	83	869	0.055	ug/L	93
27) 1,2-Dichloroethane	5.800	62	352	0.035	ug/L #	74
29) 1,1,1-Trichloroethane	5.327	97	40	0.003	ug/L #	24
30) Cyclohexane	5.391	56	20	0.002	ug/L #	1
31) Carbon tetrachloride	5.527	117	44	0.004	ug/L #	1

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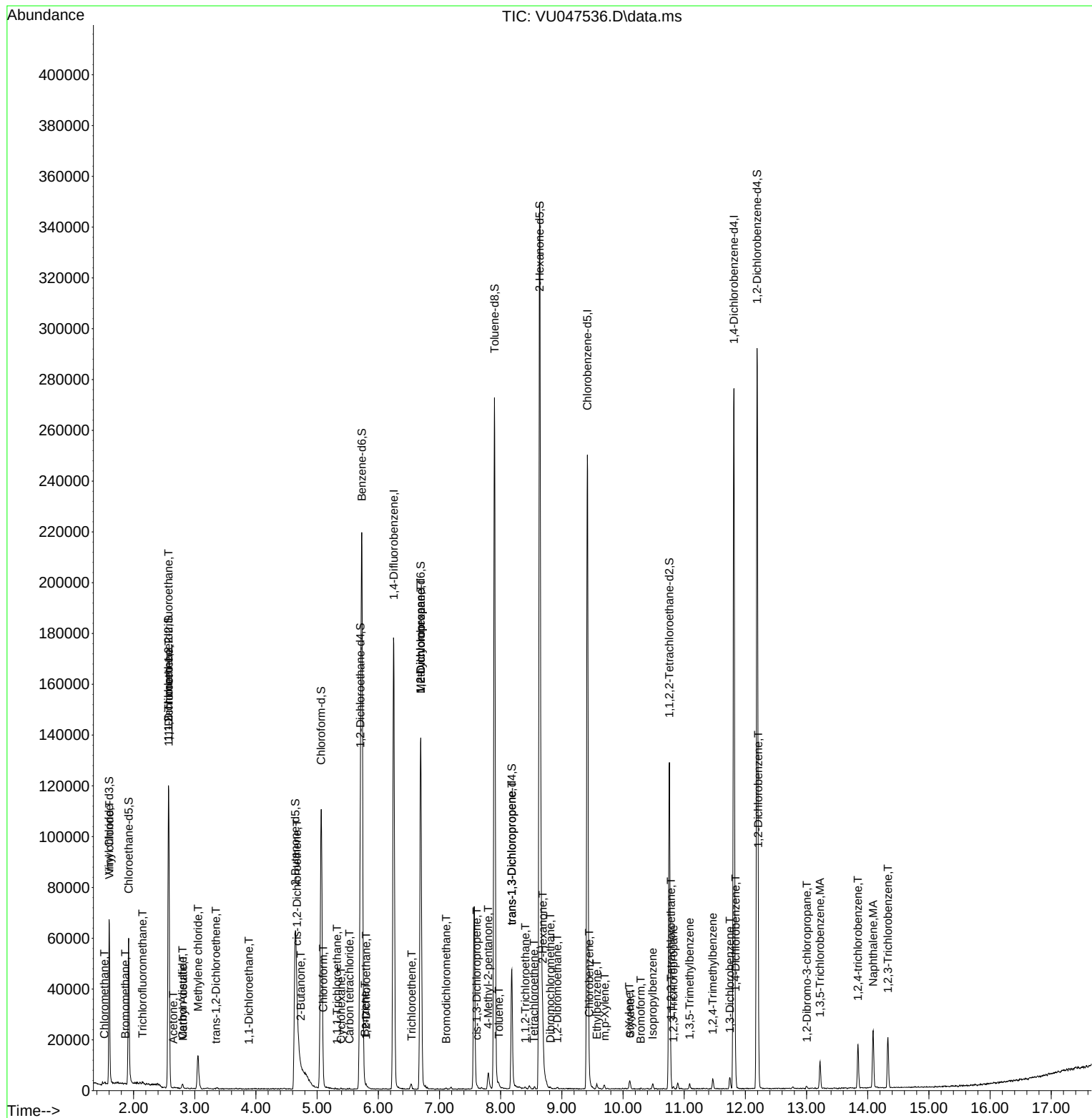
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.781	78	888	0.027	ug/L	100
34) Trichloroethene	6.546	95	257	0.029	ug/L	84
35) Methylcyclohexane	6.694	83	15684	1.234	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	7383	0.865	ug/L #	87
38) Bromodichloromethane	7.108	83	314	0.027	ug/L #	64
39) cis-1,3-Dichloropropene	7.610	75	307	0.023	ug/L #	42
40) 4-Methyl-2-pentanone	7.797	43	5434	0.913	ug/L #	83
42) Toluene	7.970	91	1164	0.032	ug/L	93
44) trans-1,3-Dichloropropene	8.182	75	1582	0.134	ug/L	91
45) 1,1,2-Trichloroethane	8.404	97	334	0.046	ug/L #	76
47) Tetrachloroethene	8.546	164	255	0.034	ug/L #	85
48) 2-Hexanone	8.687	43	10204	2.253	ug/L	98
49) Dibromochloromethane	8.813	129	248	0.028	ug/L	96
50) 1,2-Dibromoethane	8.925	107	252	0.035	ug/L #	71
51) Chlorobenzene	9.449	112	1297	0.053	ug/L #	87
52) Ethylbenzene	9.571	91	1833	0.048	ug/L	99
53) m,p-Xylene	9.700	106	608	0.041	ug/L #	58
54) o-Xylene	10.102	106	573	0.039	ug/L	93
55) Styrene	10.118	104	1299	0.052	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.784	83	854	0.087	ug/L #	92
59) Bromoform	10.288	173	233	0.043	ug/L #	36
60) Isopropylbenzene	10.485	105	1975	0.057	ug/L #	92
61) 1,2,3-Trichloropropane	10.825	75	649	0.101	ug/L #	88
62) 1,3,5-Trimethylbenzene	11.089	105	1489	0.067	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	2750	0.096	ug/L	94
64) 1,3-Dichlorobenzene	11.745	146	2492	0.129	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	2796	0.142	ug/L	93
67) 1,2-Dichlorobenzene	12.211	146	2605	0.137	ug/L #	80
68) 1,2-Dibromo-3-chloropr...	13.005	75	326	0.212	ug/L #	57
69) 1,3,5-Trichlorobenzene	13.221	180	3980	0.244	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	6003	0.418	ug/L	98
71) Naphthalene	14.089	128	19682	0.739	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	6964	0.506	ug/L	99

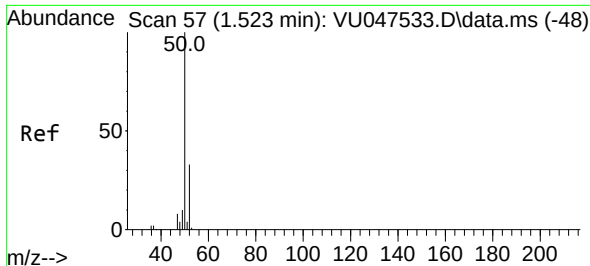
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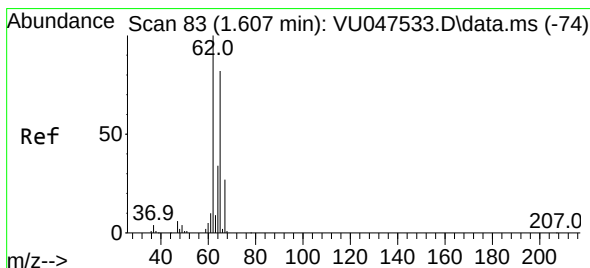
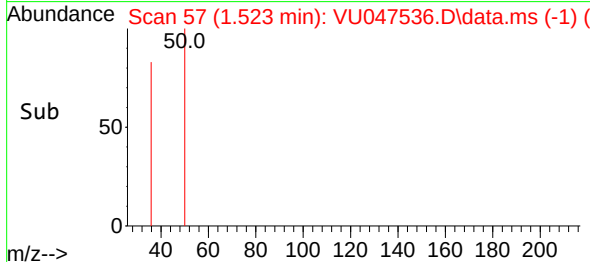
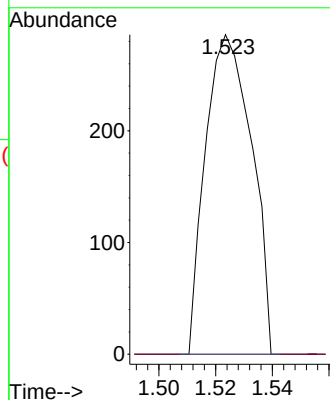
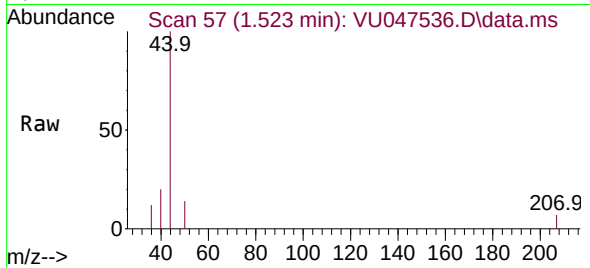




#3
Chloromethane
Concen: 0.035 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

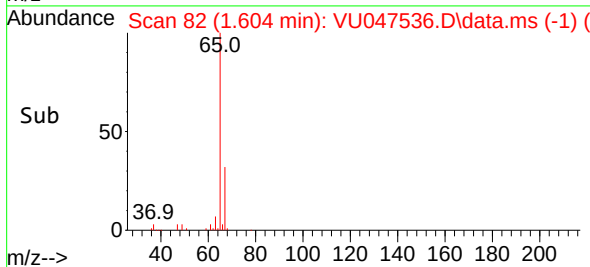
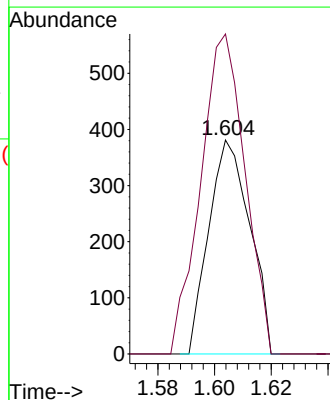
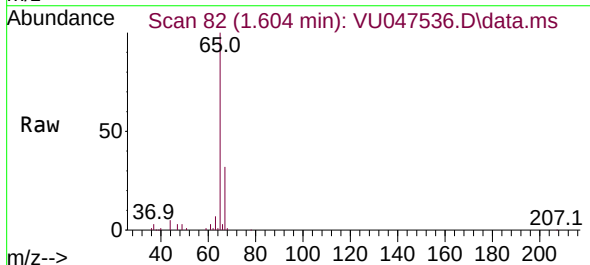
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MSVOA_U
ClientSampleId :
VIBLK014

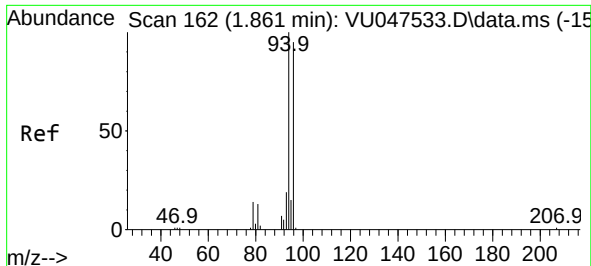
Tgt Ion: 50 Resp: 323
Ion Ratio Lower Upper
50 100
52 0.0 23.2 43.0#



#5
Vinyl chloride
Concen: 0.041 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion: 62 Resp: 383
Ion Ratio Lower Upper
62 100
64 149.6 23.5 43.7#

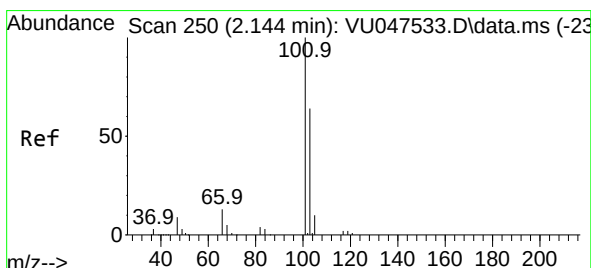
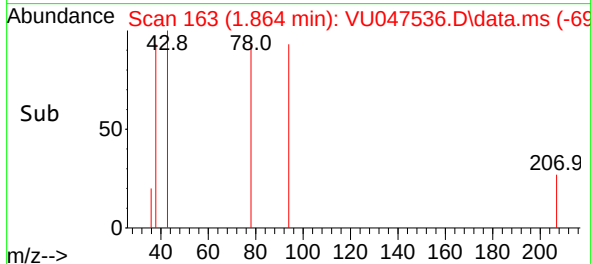
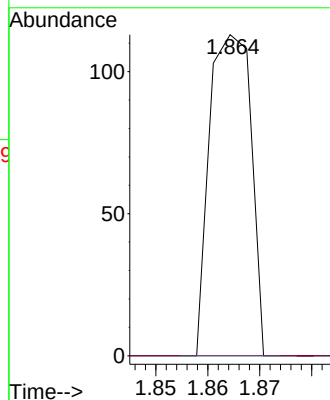
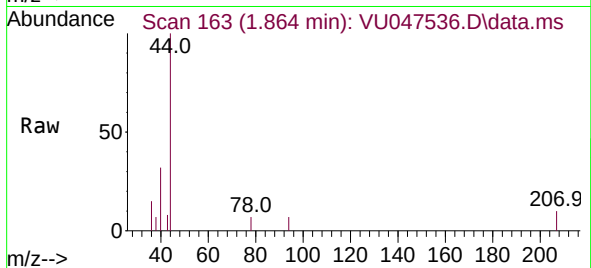




#6
Bromomethane
Concen: 0.014 ug/L
RT: 1.864 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

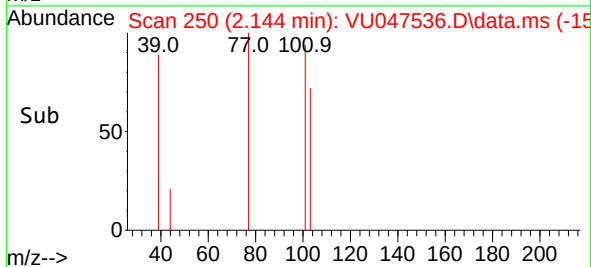
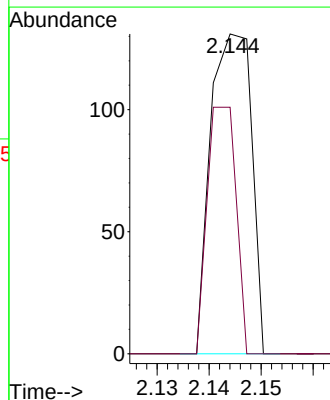
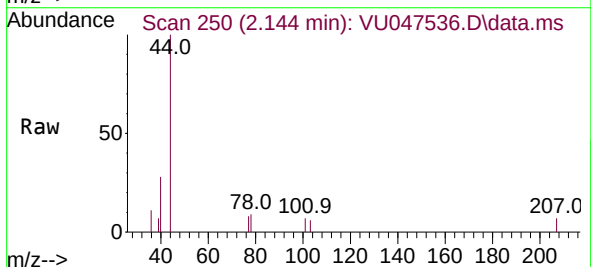
Instrument :
MSVOA_U
ClientSampleId :
VIBLK014

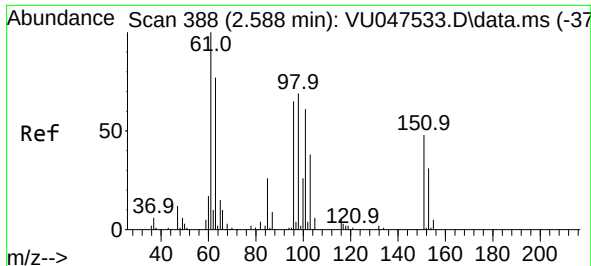
Tgt Ion: 94 Resp: 62
Ion Ratio Lower Upper
94 100
96 0.0 66.5 123.5#



#9
Trichlorofluoromethane
Concen: 0.006 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion:101 Resp: 72
Ion Ratio Lower Upper
101 100
103 54.2 51.4 77.2





#10

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

Concen: 0.107 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU047536.D

Acq: 14 Mar 2022 15:19

Instrument :

MSVOA_U

ClientSampleId :

VIBLK014

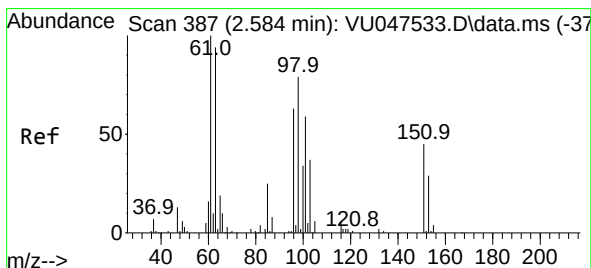
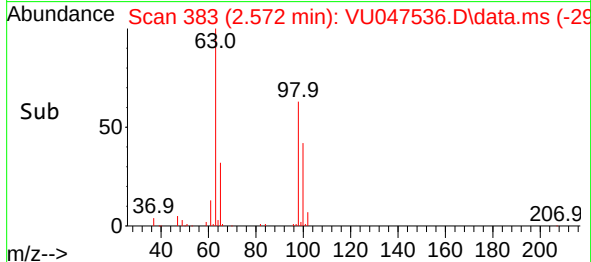
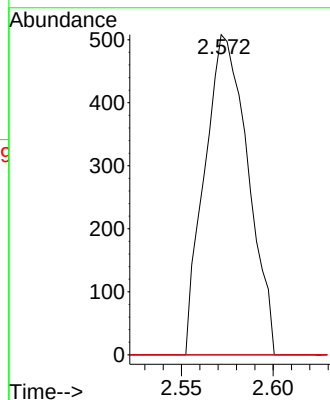
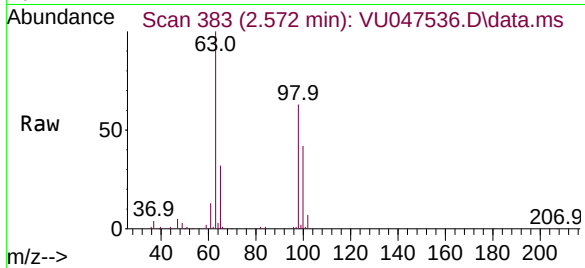
Tgt Ion:101 Resp: 834

Ion Ratio Lower Upper

101 100

85 0.0 34.0 51.0#

151 0.0 63.8 95.6#



#12

1,1-Dichloroethene

Concen: 0.100 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.009 min

Lab File: VU047536.D

Acq: 14 Mar 2022 15:19

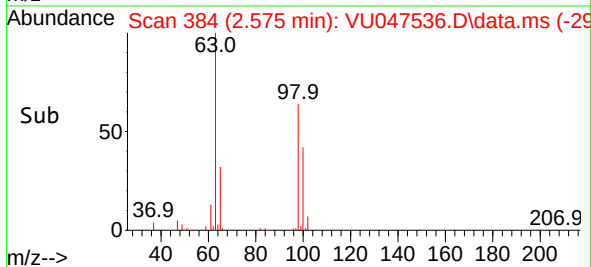
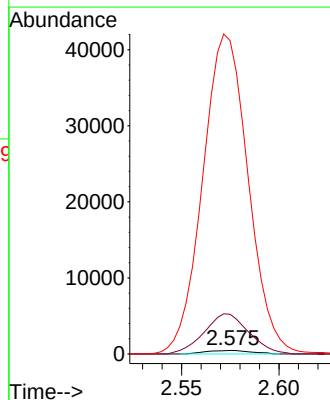
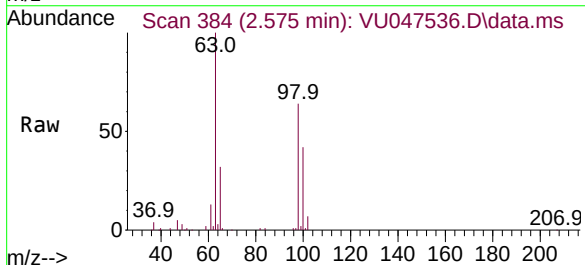
Tgt Ion: 96 Resp: 751

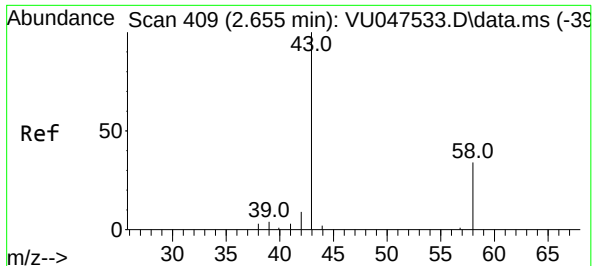
Ion Ratio Lower Upper

96 100

61 1119.1 111.4 207.0#

63 8839.5 106.6 198.0#





#13

Acetone

Concen: 0.143 ug/L

RT: 2.649 min Scan# 409

Delta R.T. -0.006 min

Lab File: VU047536.D

Acq: 14 Mar 2022 15:19

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MSVOA_U

ClientSampleId :

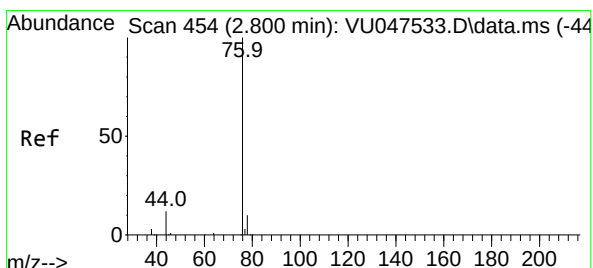
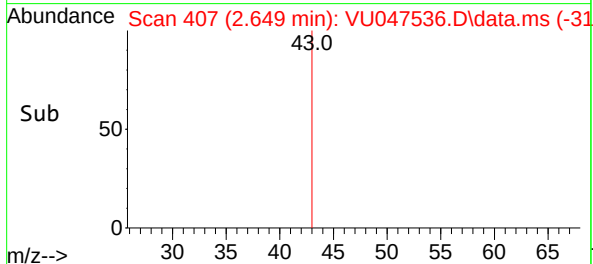
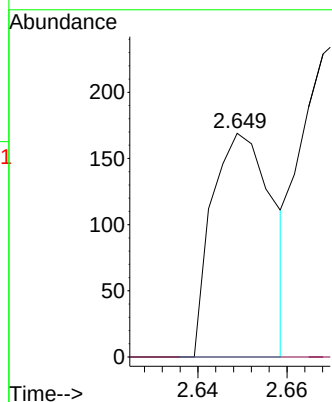
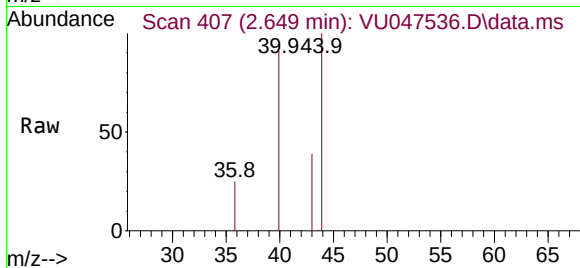
VIBLK014

Tgt Ion: 43 Resp: 159

Ion Ratio Lower Upper

43 100

58 0.0 0.0 69.4



#14

Carbon disulfide

Concen: 0.097 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047536.D

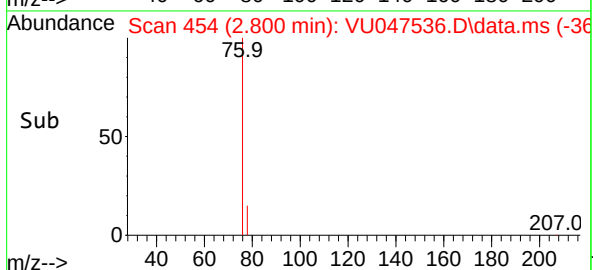
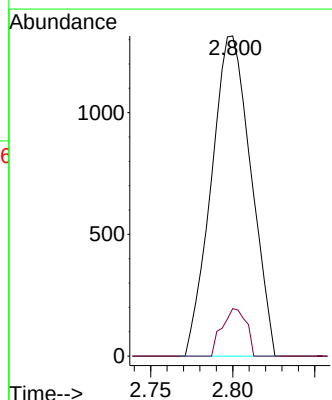
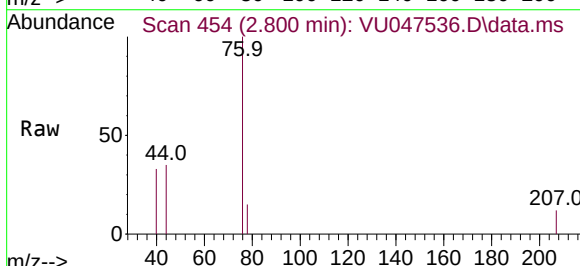
Acq: 14 Mar 2022 15:19

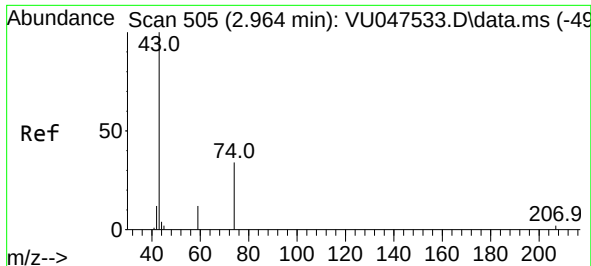
Tgt Ion: 76 Resp: 2200

Ion Ratio Lower Upper

76 100

78 14.8 7.7 11.5#

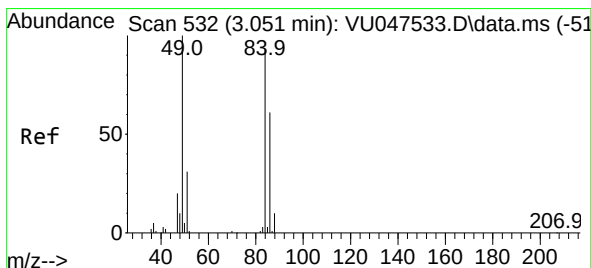
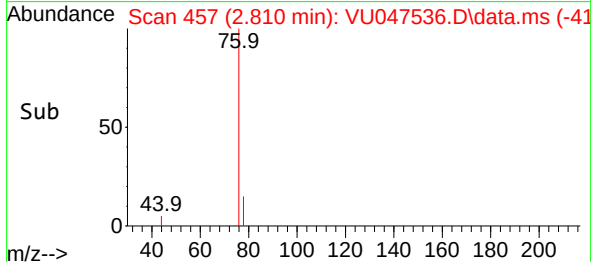
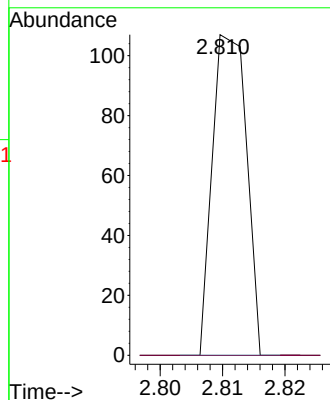
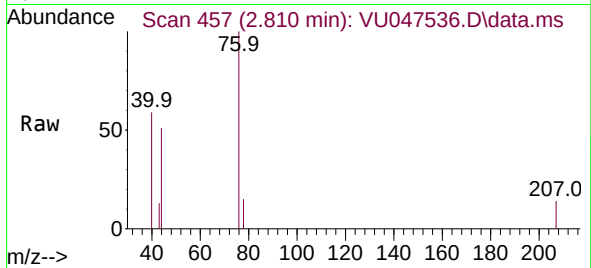




#15
Methyl Acetate
Concen: 0.013 ug/L
RT: 2.810 min Scan# 41
Delta R.T. -0.154 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

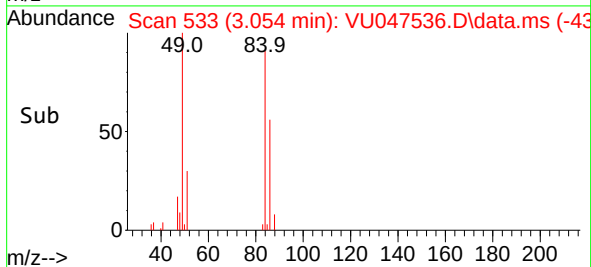
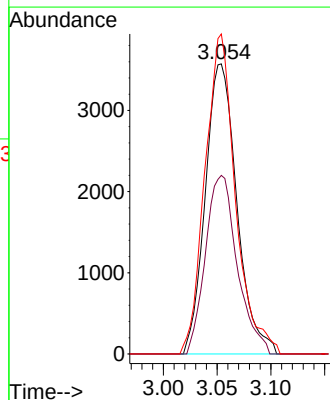
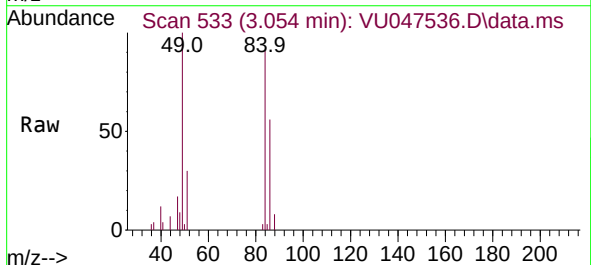
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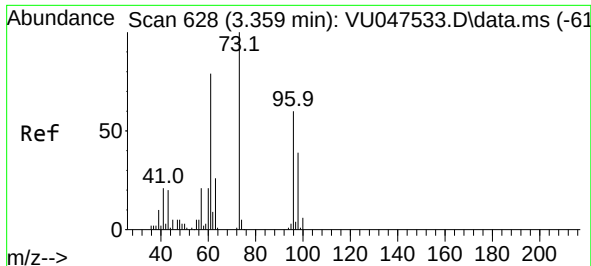
Tgt Ion: 43 Resp: 40
Ion Ratio Lower Upper
43 100
74 0.0 21.8 32.6#



#16
Methylene chloride
Concen: 0.657 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion: 84 Resp: 7312
Ion Ratio Lower Upper
84 100
86 61.6 45.4 84.4
49 110.3 75.0 139.4

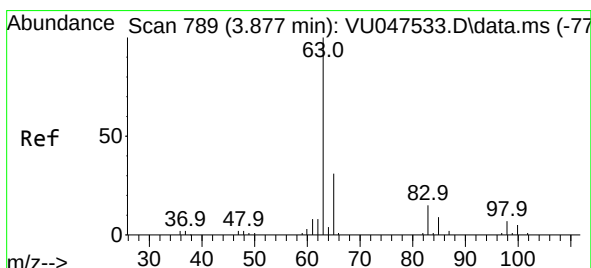
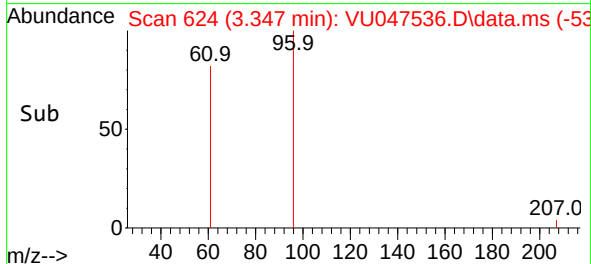
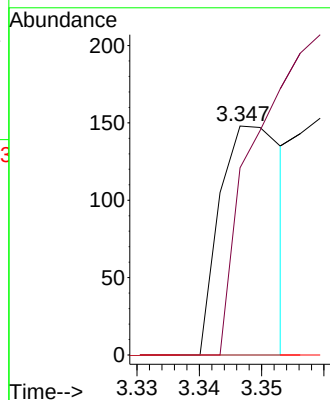
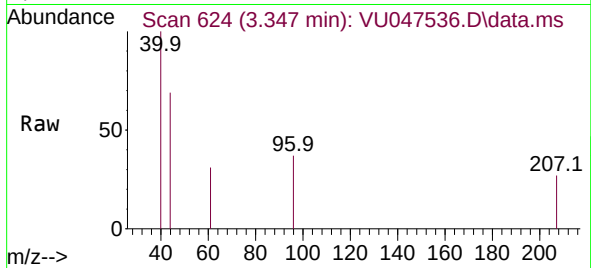




#18
trans-1,2-Dichloroethene
Concen: 0.013 ug/L
RT: 3.347 min Scan# 61
Delta R.T. -0.013 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

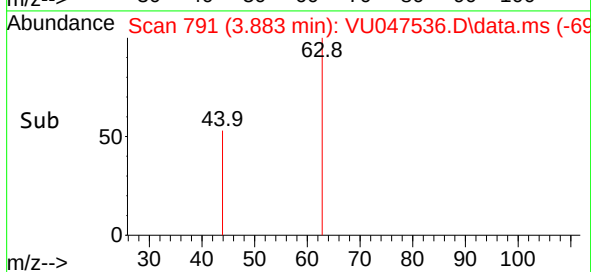
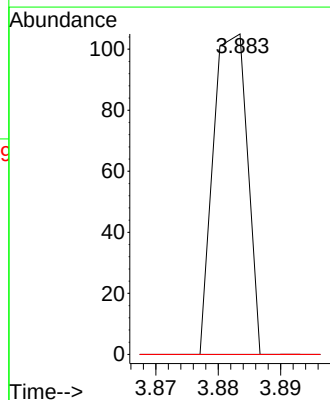
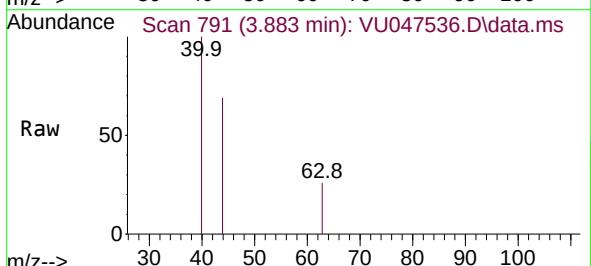
Instrument :
MSVOA_U
ClientSampleId :
VIBLK014

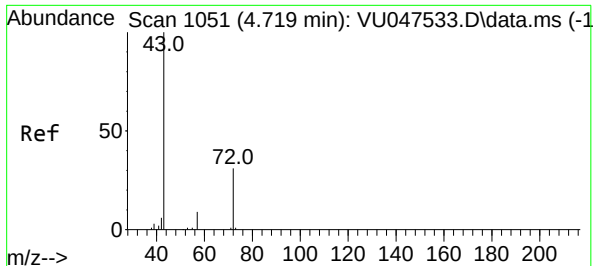
Tgt Ion: 96 Resp: 103
Ion Ratio Lower Upper
96 100
61 81.8 91.7 170.3#
98 0.0 45.1 83.7#



#19
1,1-Dichloroethane
Concen: 0.003 ug/L
RT: 3.883 min Scan# 791
Delta R.T. 0.007 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion: 63 Resp: 40
Ion Ratio Lower Upper
63 100
65 0.0 21.8 40.6#
83 0.0 10.8 20.0#

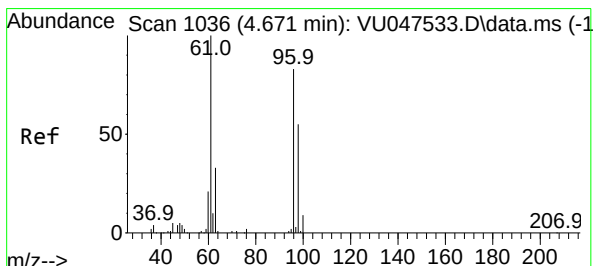
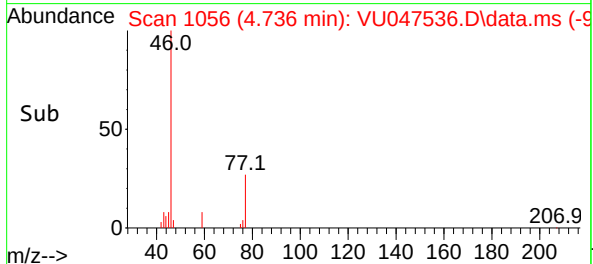
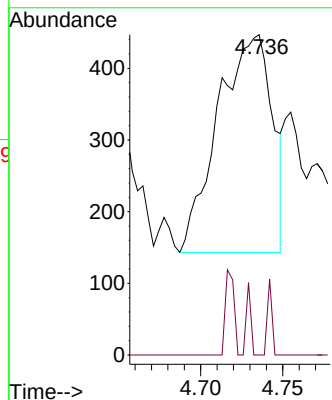
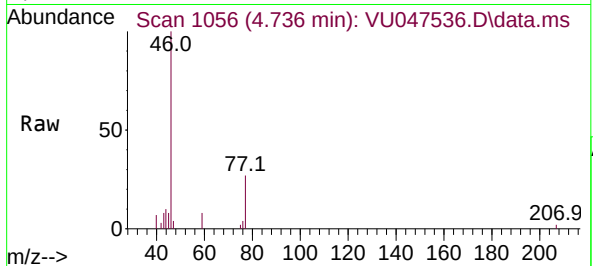




#21
2-Butanone
Concen: 0.331 ug/L
RT: 4.736 min Scan# 1056
Delta R.T. 0.016 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

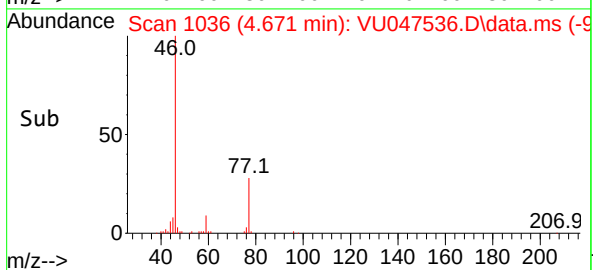
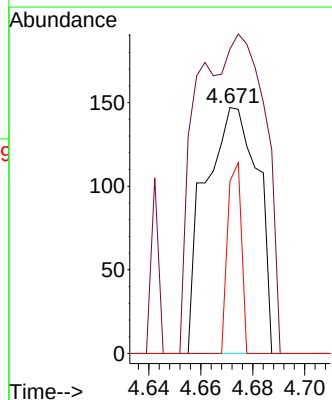
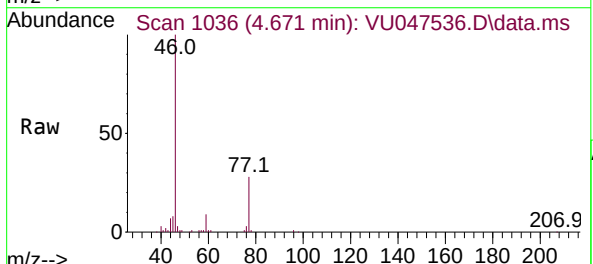
Instrument :
MSVOA_U
ClientSampleId :
VIBLK014

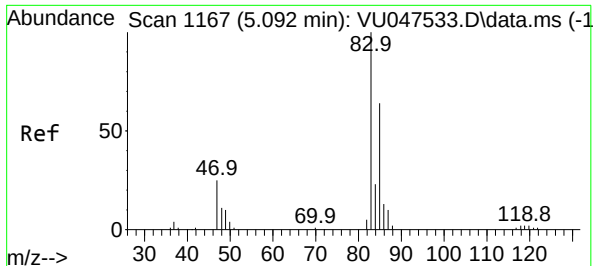
Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
72 2.9 14.9 44.7#



#22
cis-1,2-Dichloroethene
Concen: 0.023 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion: 96 Resp: 207
Ion Ratio Lower Upper
96 100
61 123.8 83.9 155.7
98 70.1 46.4 86.2





#25

Chloroform

Concen: 0.055 ug/L

RT: 5.099 min Scan# 1167

Delta R.T. 0.007 min

Lab File: VU047536.D

Acq: 14 Mar 2022 15:19

Instrument :

MSVOA_U

ClientSampleId :

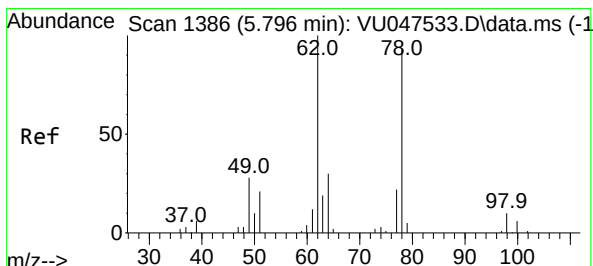
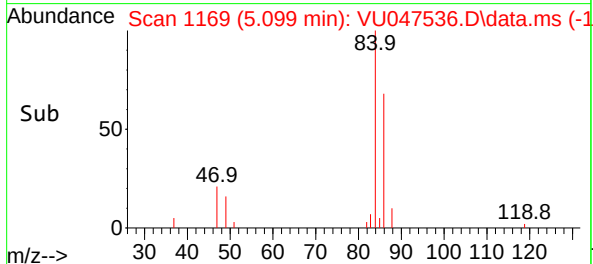
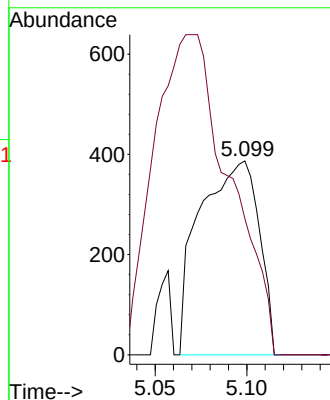
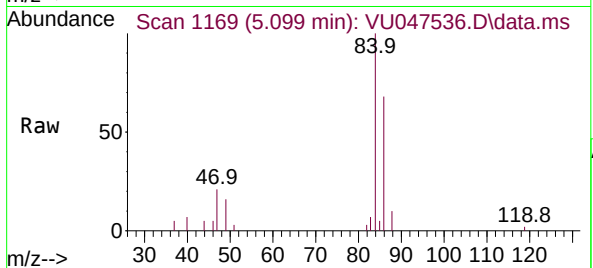
VIBLK014

Tgt Ion: 83 Resp: 869

Ion Ratio Lower Upper

83 100

85 70.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.035 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU047536.D

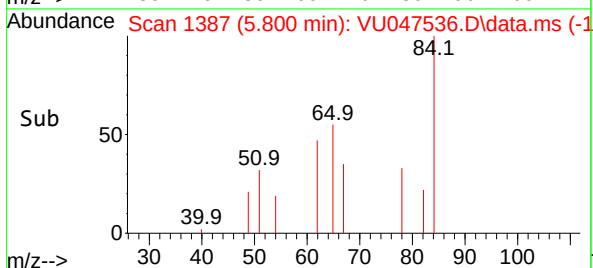
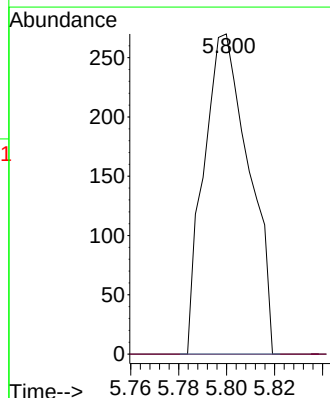
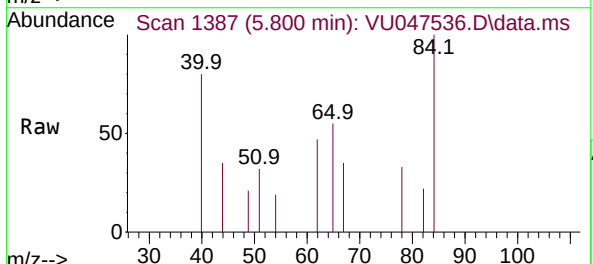
Acq: 14 Mar 2022 15:19

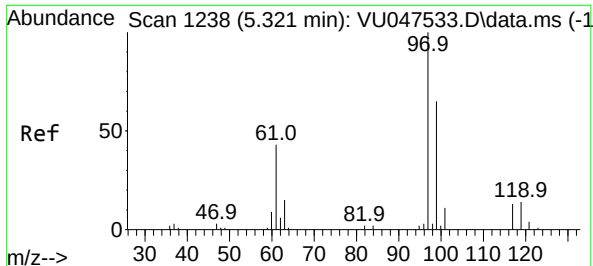
Tgt Ion: 62 Resp: 352

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#

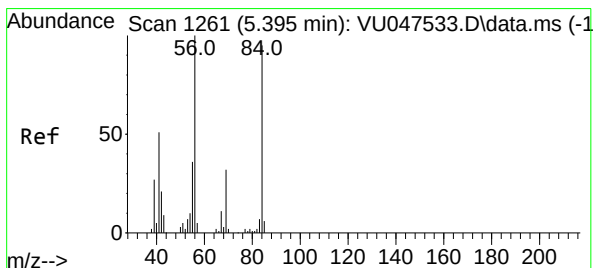
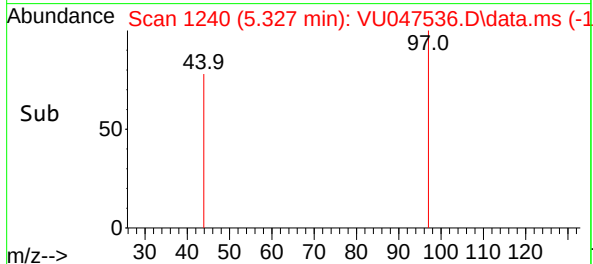
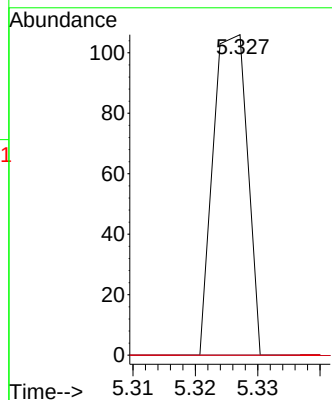
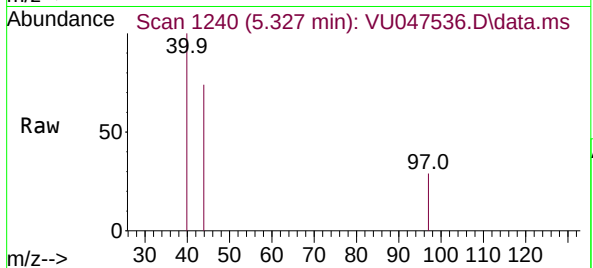




#29
1,1,1-Trichloroethane
Concen: 0.003 ug/L
RT: 5.327 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

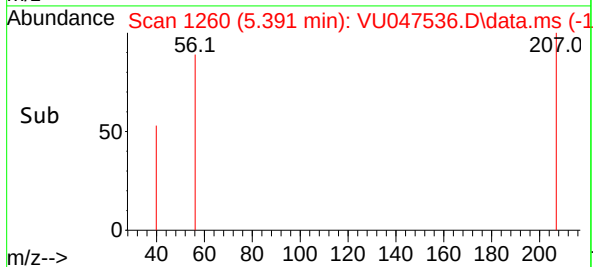
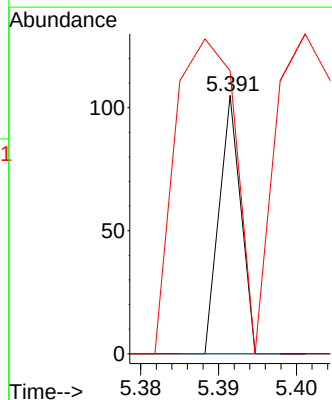
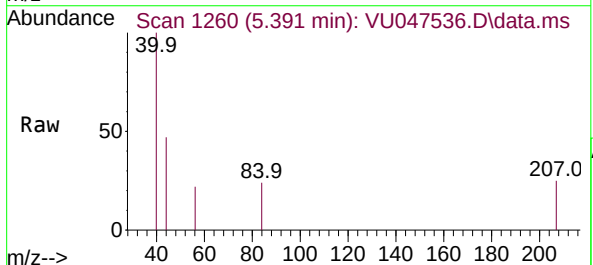
Instrument :
MSVOA_U
ClientSampleId :
VIBLK014

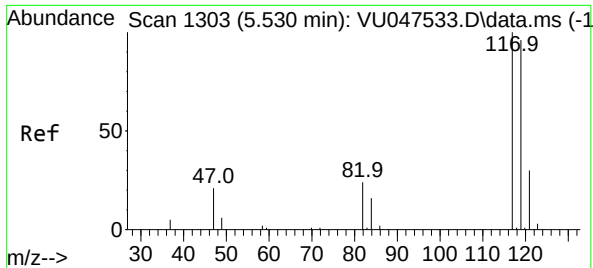
Tgt Ion: 97 Resp: 40
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8#
61 0.0 35.0 52.4#



#30
Cyclohexane
Concen: 0.002 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
69 0.0 26.0 39.0#
84 1725.0 76.2 114.4#

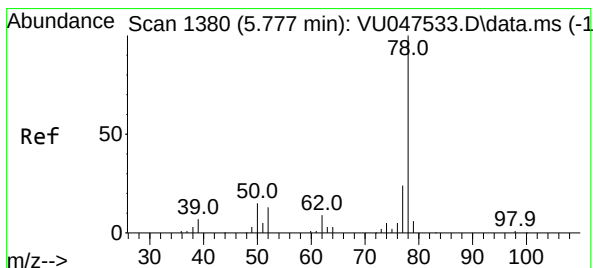
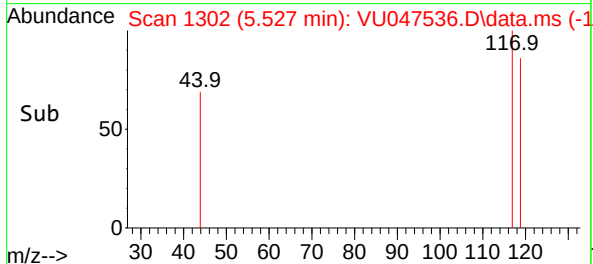
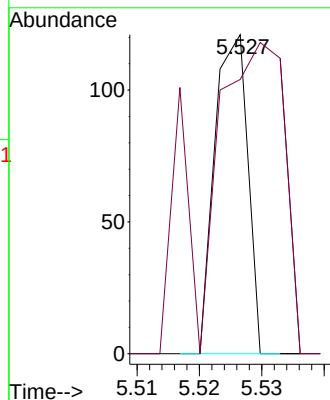
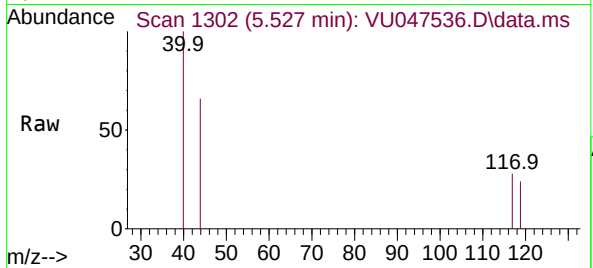




#31
Carbon tetrachloride
Concen: 0.004 ug/L
RT: 5.527 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

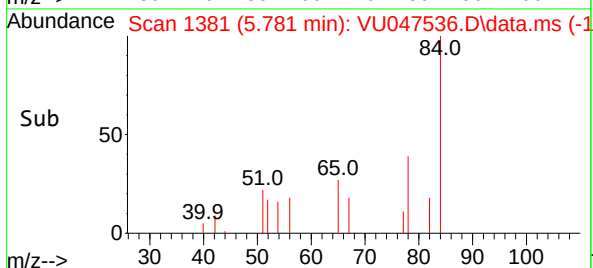
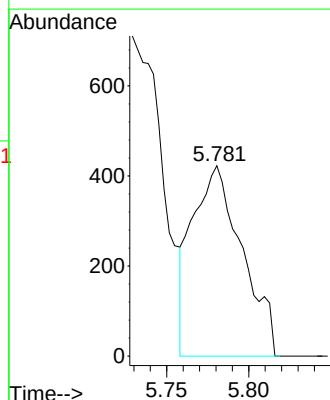
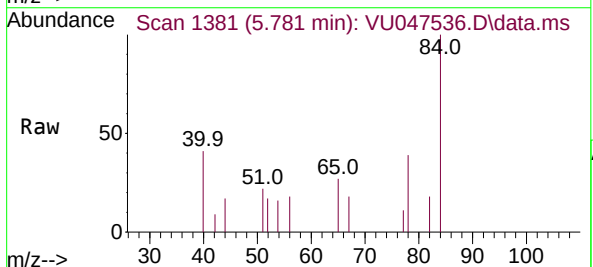
Instrument :
MSVOA_U
ClientSampleId :
VIBLK014

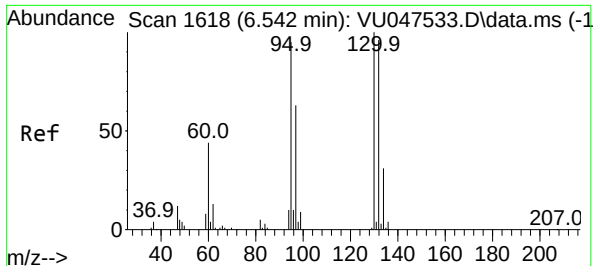
Tgt Ion:117 Resp: 44
Ion Ratio Lower Upper
117 100
119 234.1 76.9 115.3#



#33
Benzene
Concen: 0.027 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion: 78 Resp: 888

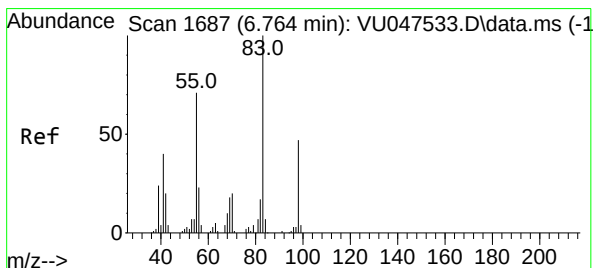
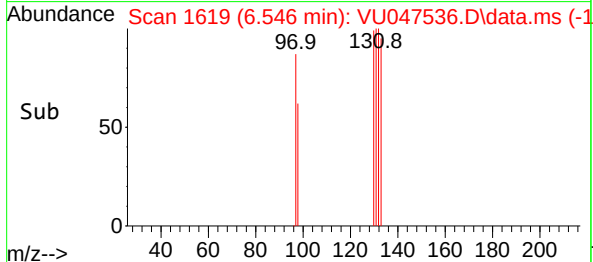
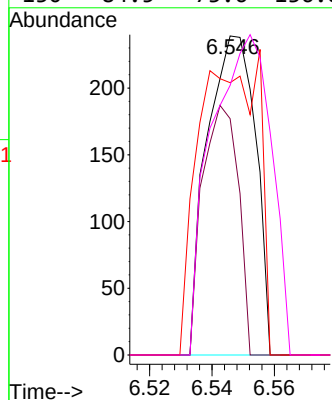
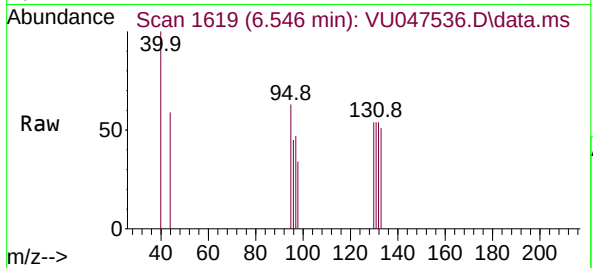




#34
Trichloroethene
Concen: 0.029 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

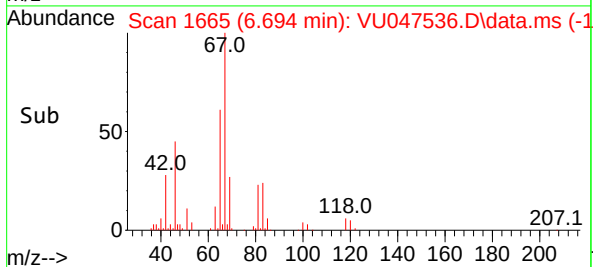
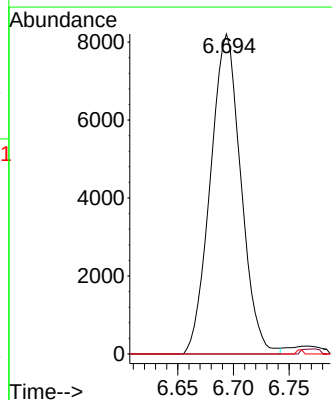
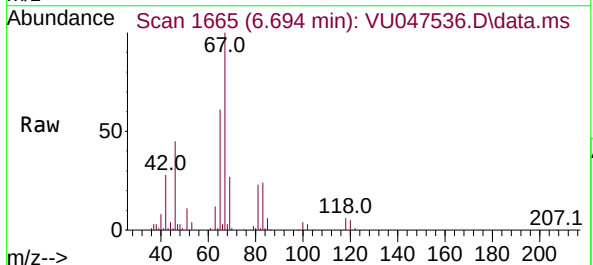
Instrument :
MSVOA_U
ClientSampleId :
VIBLK014

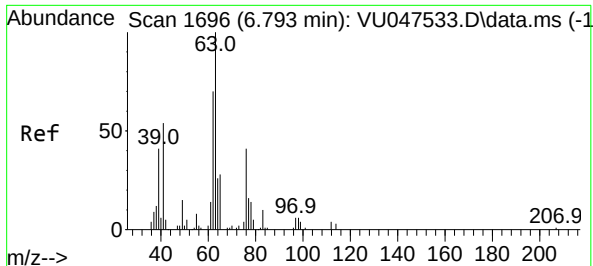
Tgt Ion: 95	Resp: 257
Ion Ratio	Lower Upper
95 100	
97 74.1	46.3 85.9
132 85.4	70.7 131.3
130 84.5	73.6 136.8



#35
Methylcyclohexane
Concen: 1.234 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion: 83	Resp:	15684	
Ion Ratio	Lower	Upper	
83 100			
55 0.9	57.3	85.9#	
98 0.3	37.5	56.3#	

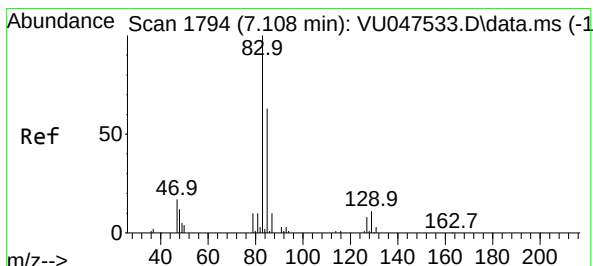
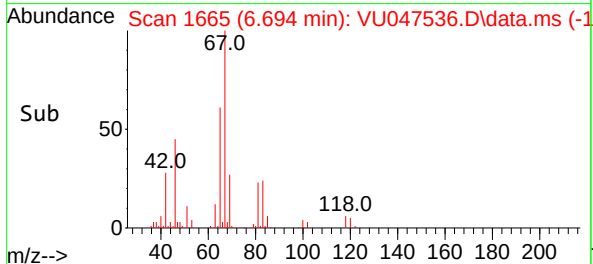
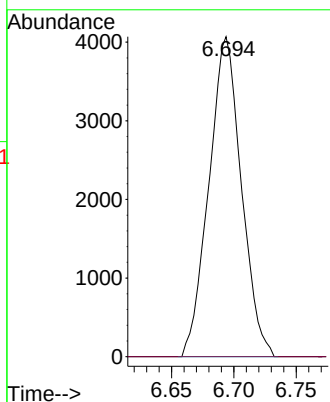
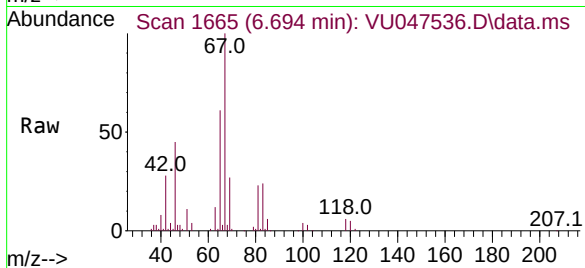




#37
1,2-Dichloropropane
Concen: 0.865 ug/L
RT: 6.694 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

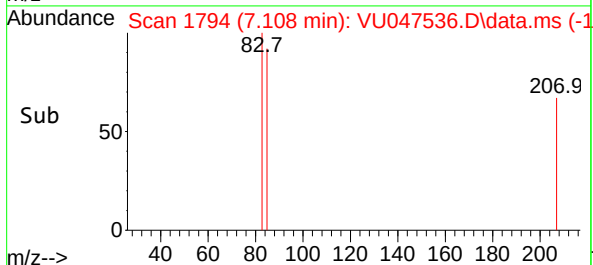
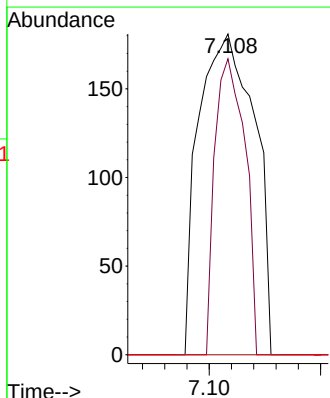
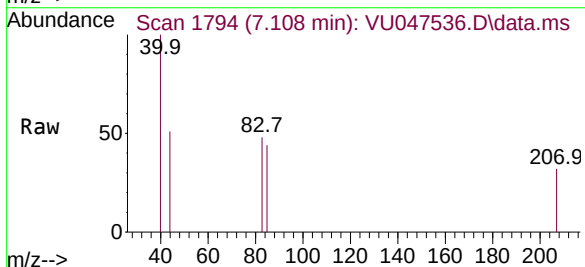
Instrument :
MSVOA_U
ClientSampleId :
VIBLK014

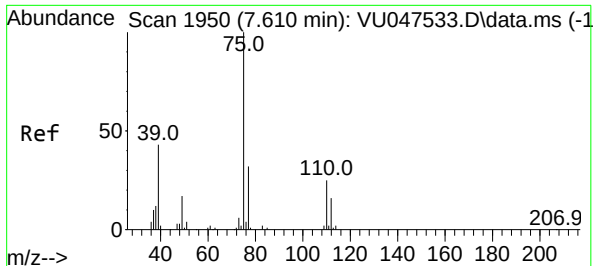
Tgt Ion: 63 Resp: 7383
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.027 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion: 83 Resp: 314
Ion Ratio Lower Upper
83 100
85 92.3 44.2 82.0#
127 0.0 6.4 9.6#





#39

cis-1,3-Dichloropropene

Concen: 0.023 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047536.D

Acq: 14 Mar 2022 15:19

Instrument :

MSVOA_U

ClientSampleId :

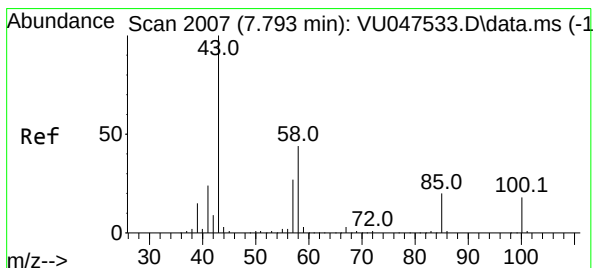
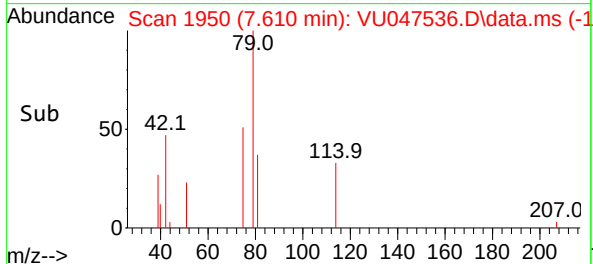
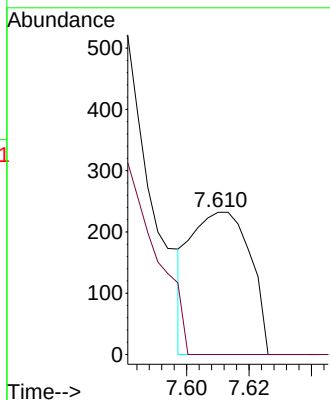
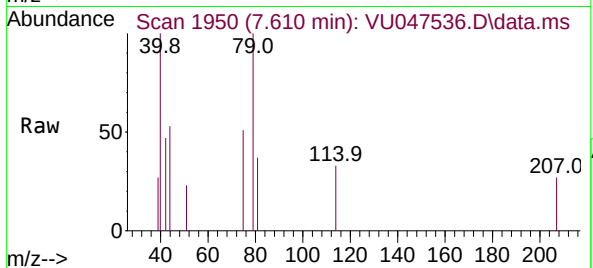
VIBLK014

Tgt Ion: 75 Resp: 307

Ion Ratio Lower Upper

75 100

77 0.0 22.6 42.0#



#40

4-Methyl-2-pentanone

Concen: 0.913 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047536.D

Acq: 14 Mar 2022 15:19

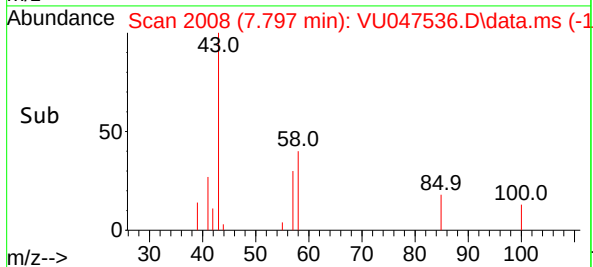
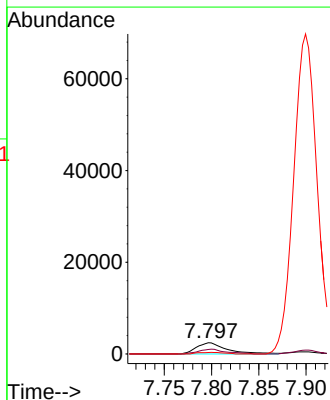
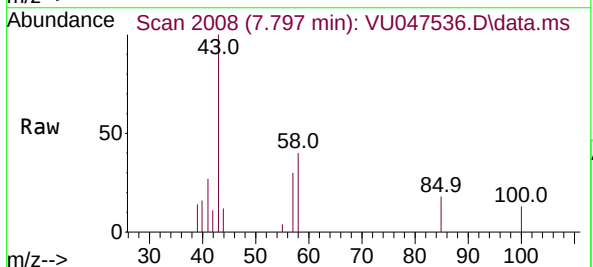
Tgt Ion: 43 Resp: 5434

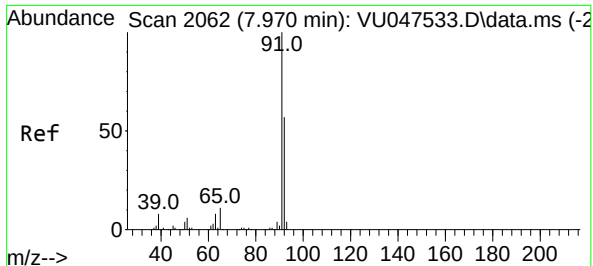
Ion Ratio Lower Upper

43 100

58 38.0 34.5 51.7

100 0.0 13.8 20.6#





#42

Toluene

Concen: 0.032 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047536.D

Acq: 14 Mar 2022 15:19

Instrument :

MSVOA_U

ClientSampleId :

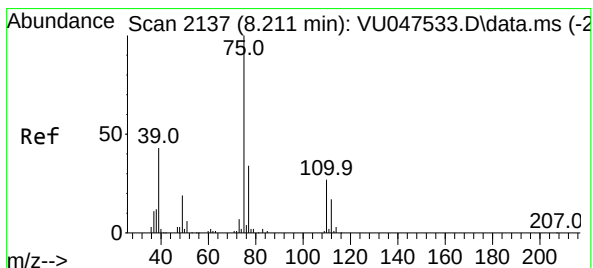
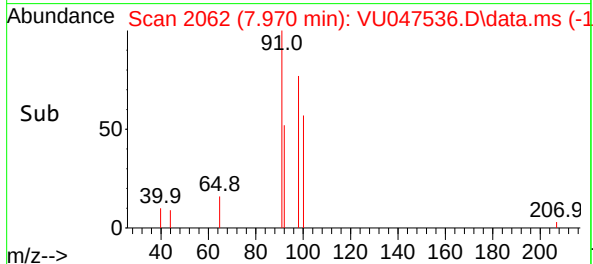
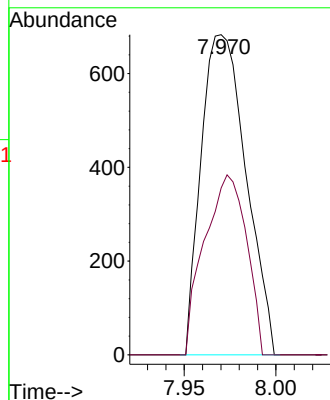
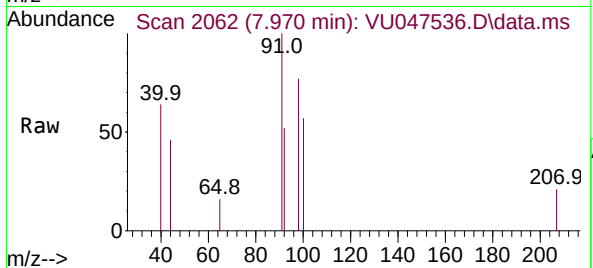
VIBLK014

Tgt Ion: 91 Resp: 1164

Ion Ratio Lower Upper

91 100

92 52.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 0.134 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU047536.D

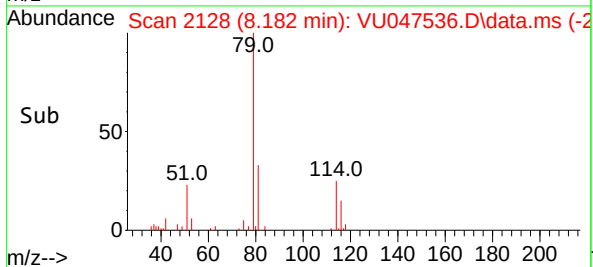
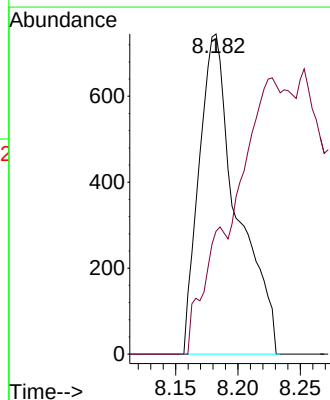
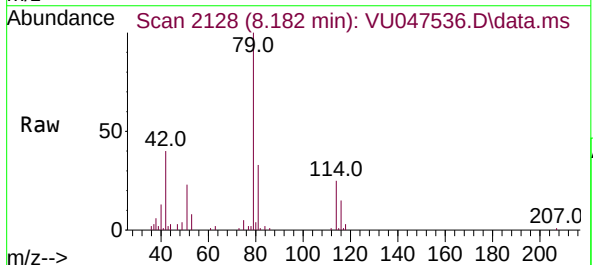
Acq: 14 Mar 2022 15:19

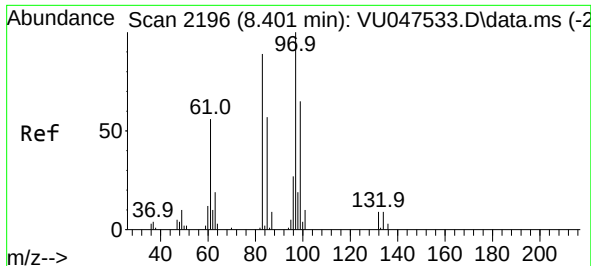
Tgt Ion: 75 Resp: 1582

Ion Ratio Lower Upper

75 100

77 38.4 23.4 43.6

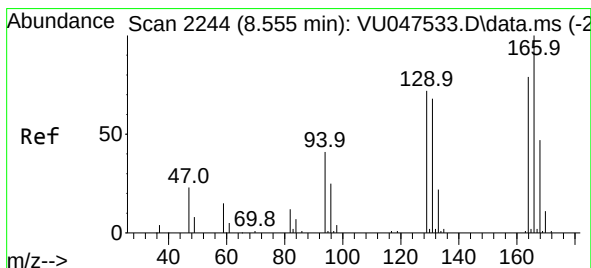
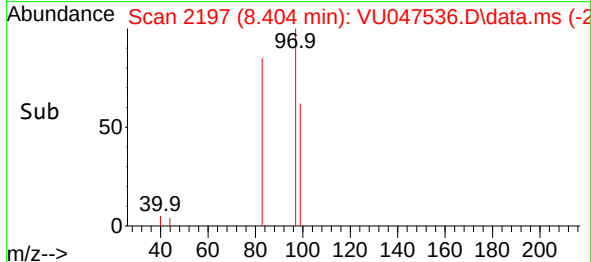
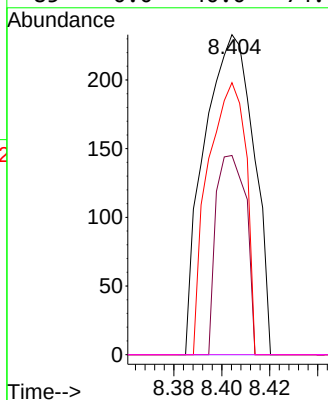
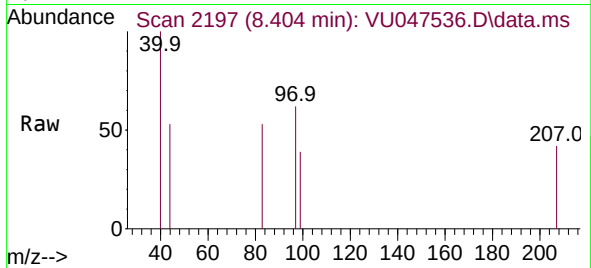




#45
1,1,2-Trichloroethane
Concen: 0.046 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

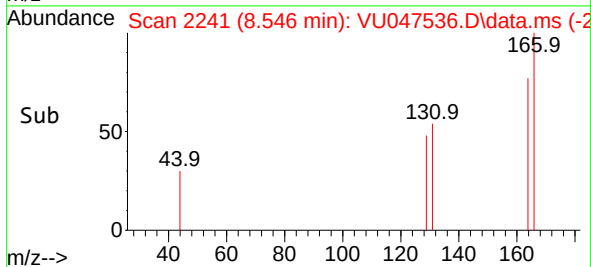
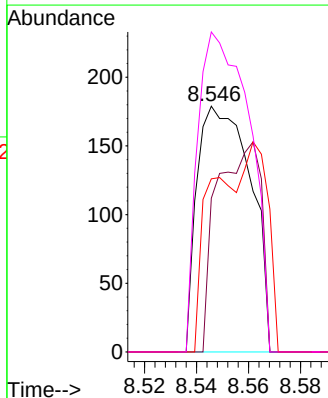
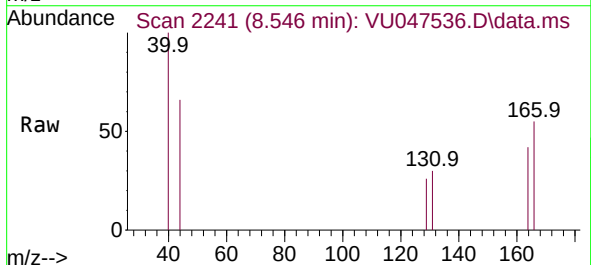
Instrument :
MSVOA_U
ClientSampleId :
VIBLK014

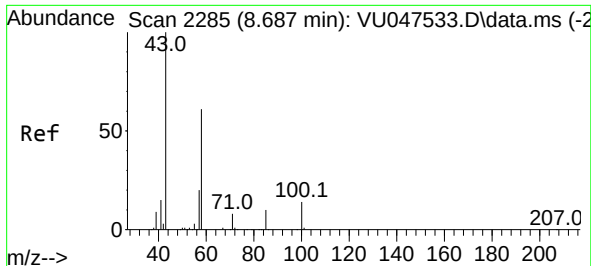
Tgt Ion:	97	Resp:	334
Ion	Ratio	Lower	Upper
97	100		
99	62.2	45.3	84.1
83	85.0	62.2	115.6
85	0.0	40.0	74.4



#47
Tetrachloroethene
Concen: 0.034 ug/L
RT: 8.546 min Scan# 2241
Delta R.T. -0.010 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion:	164	Resp:	255
Ion	Ratio	Lower	Upper
164	100		
129	62.6	63.5	117.9
131	70.4	60.5	112.5
166	130.2	88.5	164.3

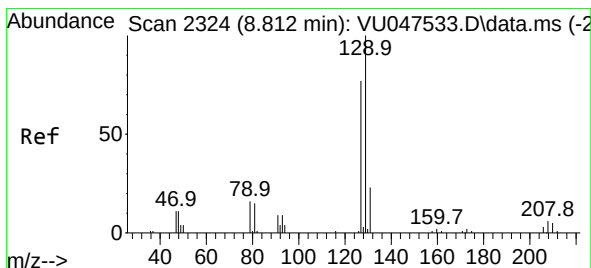
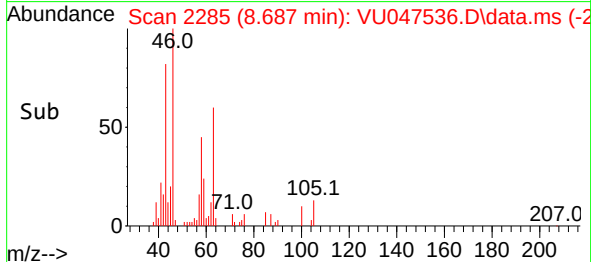
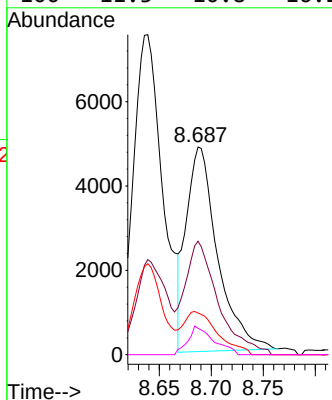
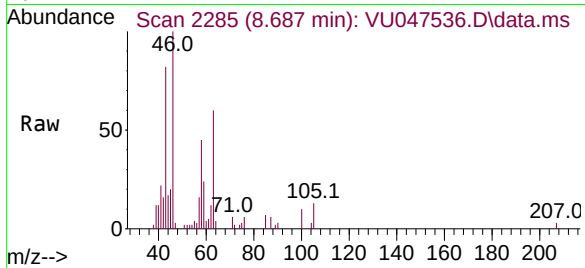




#48
2-Hexanone
Concen: 2.253 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

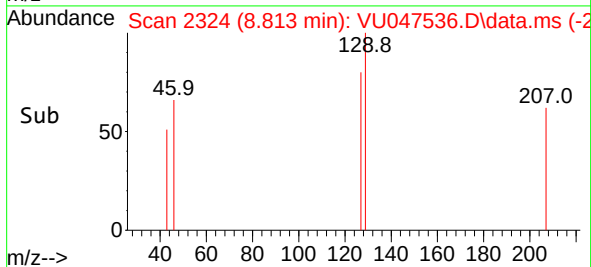
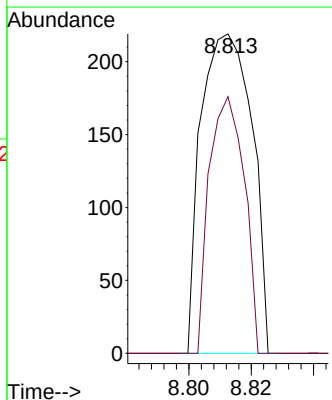
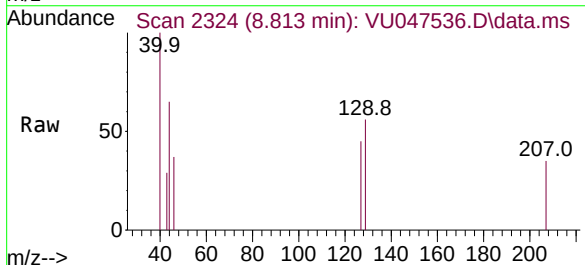
Instrument :
MSVOA_U
ClientSampleId :
VIBLK014

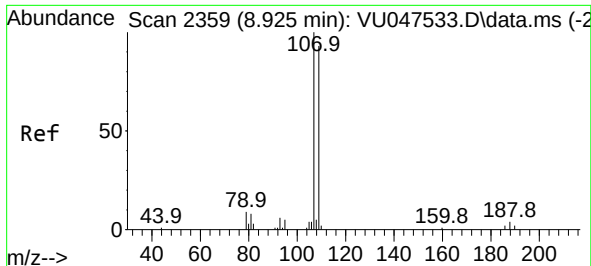
Tgt Ion:	43	Resp:	10204
Ion	Ratio	Lower	Upper
43	100		
58	58.9	47.5	71.3
57	22.6	16.0	24.0
100	11.3	10.8	16.2



#49
Dibromochloromethane
Concen: 0.028 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion:	129	Resp:	248
Ion	Ratio	Lower	Upper
129	100		
127	80.4	53.6	99.6

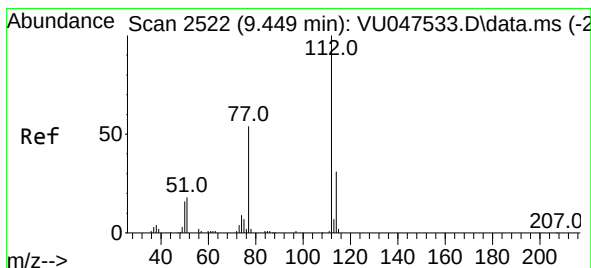
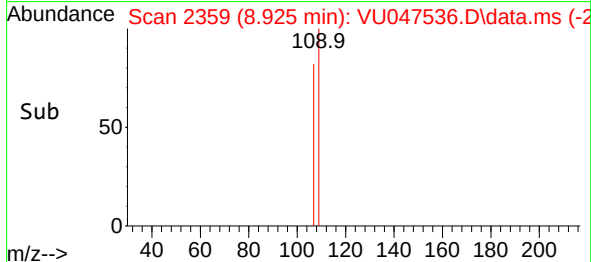
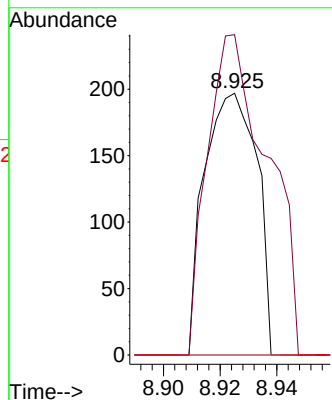
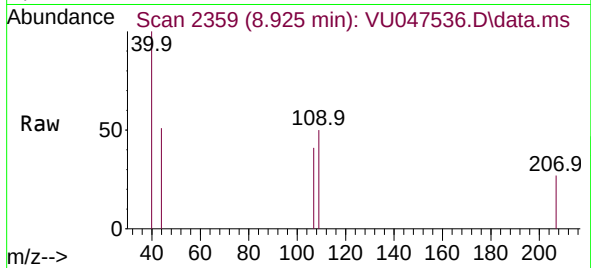




#50
1,2-Dibromoethane
Concen: 0.035 ug/L
RT: 8.925 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

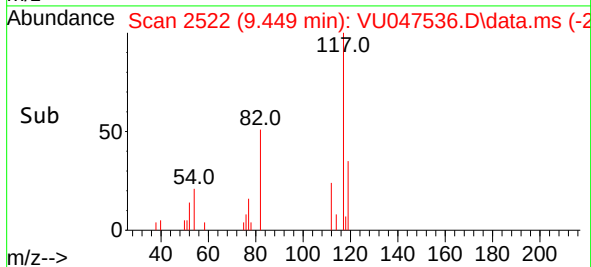
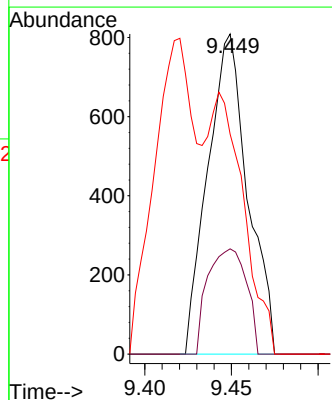
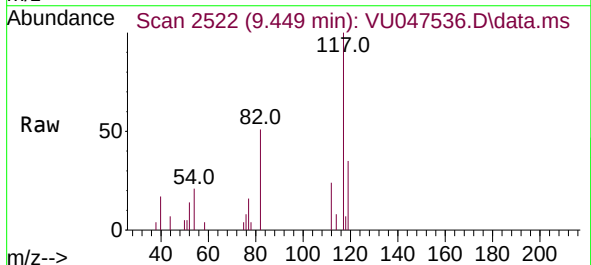
Instrument :
MSVOA_U
ClientSampleId :
VIBLK014

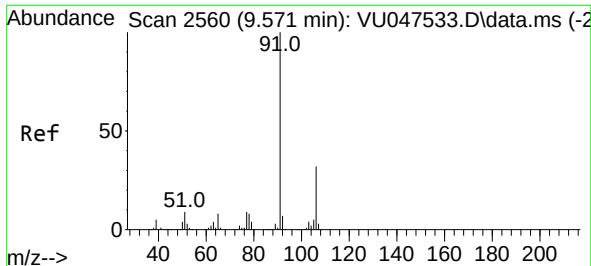
Tgt Ion:107 Resp: 252
Ion Ratio Lower Upper
107 100
109 122.3 65.3 121.3#
188 0.0 3.2 4.8#



#51
Chlorobenzene
Concen: 0.053 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion:112 Resp: 1297
Ion Ratio Lower Upper
112 100
114 32.9 22.0 40.8
77 68.7 43.7 65.5#

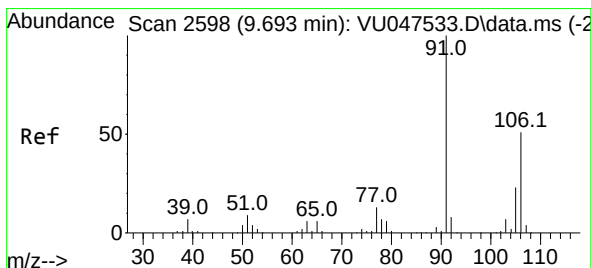
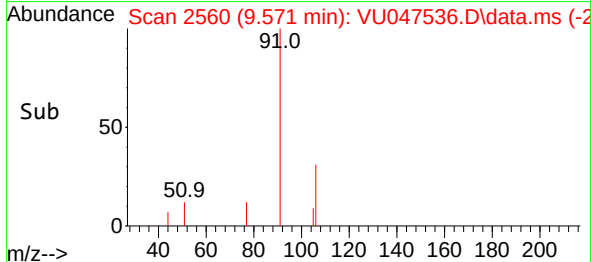
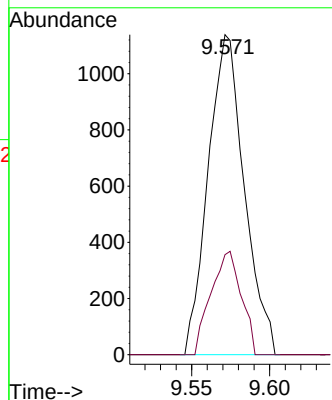
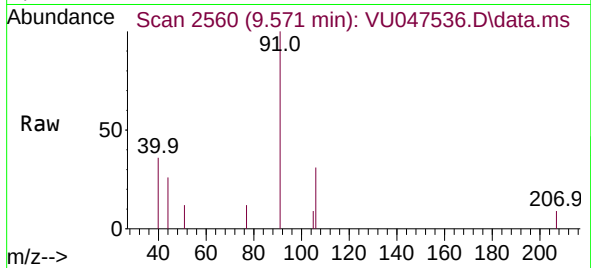




#52
Ethylbenzene
Concen: 0.048 ug/L
RT: 9.571 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

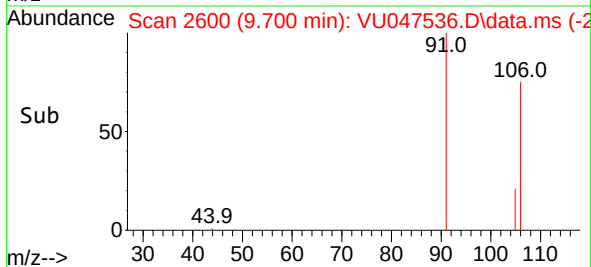
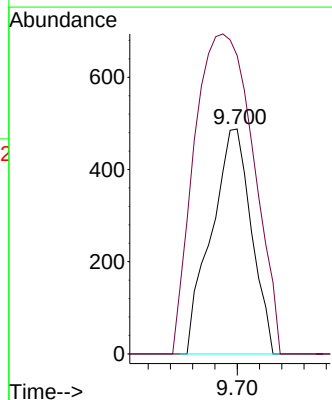
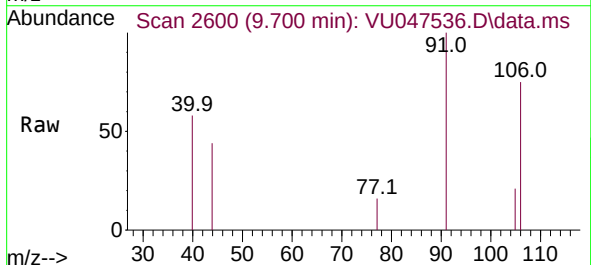
Instrument :
MSVOA_U
ClientSampleId :
VIBLK014

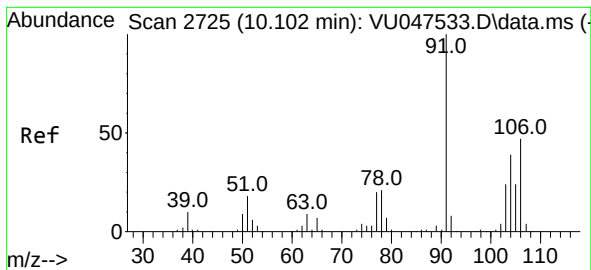
Tgt Ion: 91 Resp: 1833
Ion Ratio Lower Upper
91 100
106 31.3 22.2 41.2



#53
m,p-Xylene
Concen: 0.041 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.007 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion: 106 Resp: 608
Ion Ratio Lower Upper
106 100
91 132.6 136.6 253.8#





#54

o-Xylene

Concen: 0.039 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047536.D

Acq: 14 Mar 2022 15:19

Instrument :

MSVOA_U

ClientSampleId :

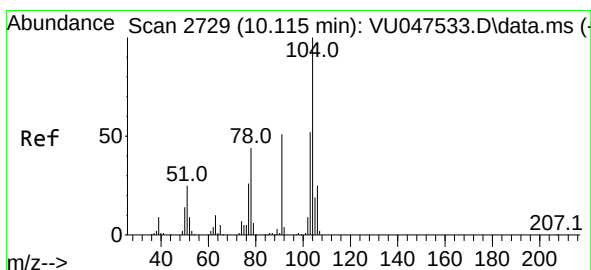
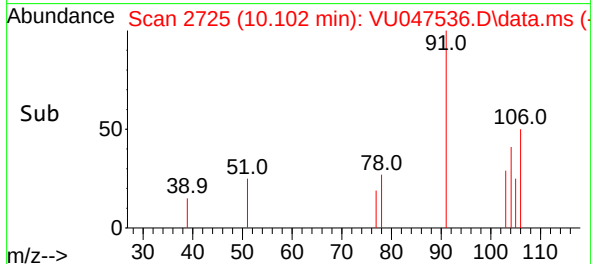
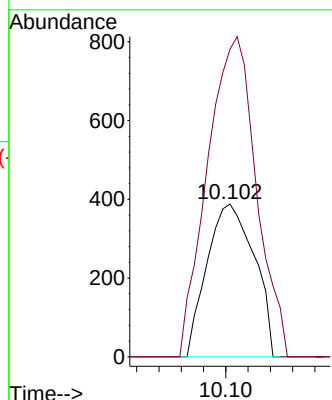
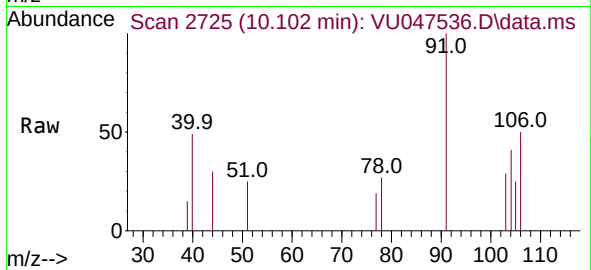
VIBLK014

Tgt Ion:106 Resp: 573

Ion Ratio Lower Upper

106 100

91 201.3 148.5 275.9



#55

Styrene

Concen: 0.052 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.003 min

Lab File: VU047536.D

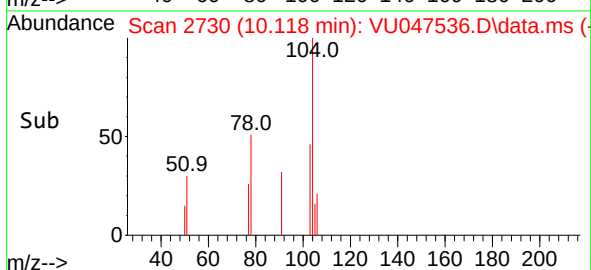
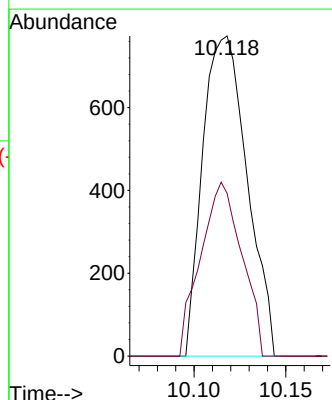
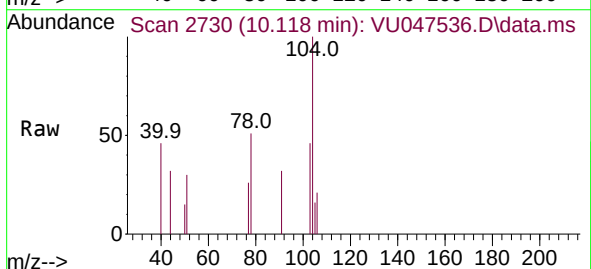
Acq: 14 Mar 2022 15:19

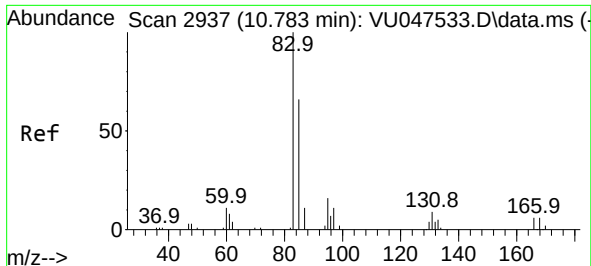
Tgt Ion:104 Resp: 1299

Ion Ratio Lower Upper

104 100

78 50.8 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 0.087 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047536.D

Acq: 14 Mar 2022 15:19

Instrument :

MSVOA_U

ClientSampleId :

VIBLK014

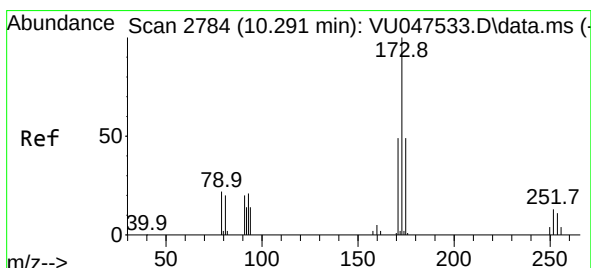
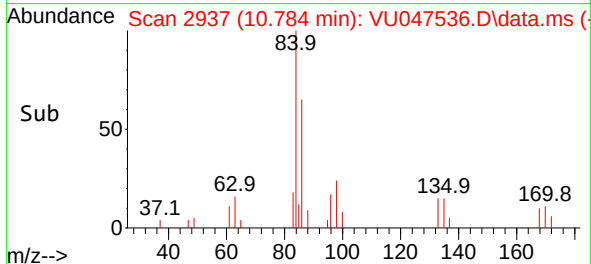
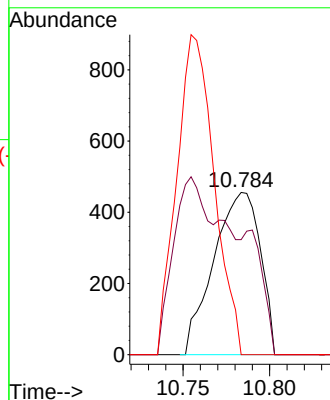
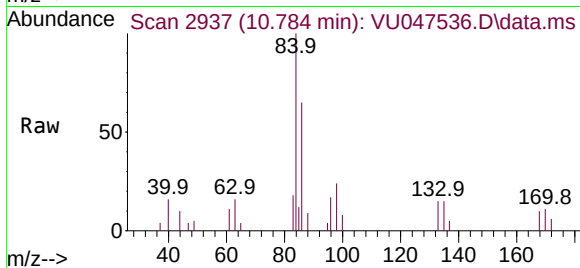
Tgt Ion: 83 Resp: 854

Ion Ratio Lower Upper

83 100

85 70.8 46.7 86.7

131 0.0 8.0 12.0#



#59

Bromoform

Concen: 0.043 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.003 min

Lab File: VU047536.D

Acq: 14 Mar 2022 15:19

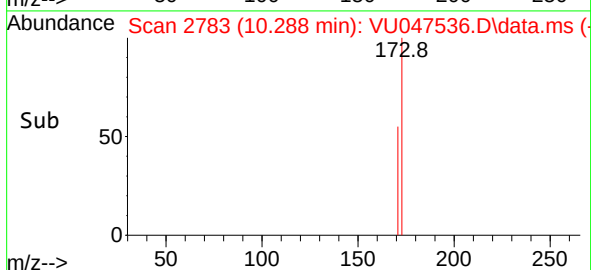
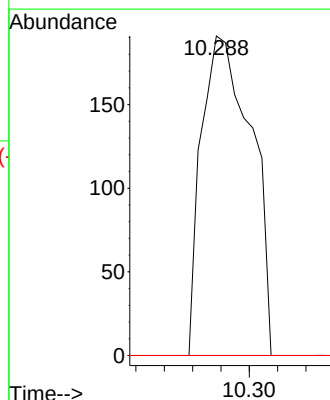
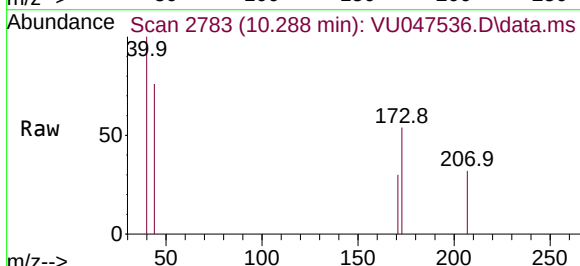
Tgt Ion: 173 Resp: 233

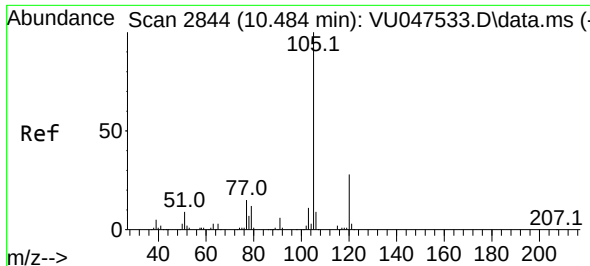
Ion Ratio Lower Upper

173 100

175 0.0 39.7 59.5#

254 0.0 9.0 13.6#

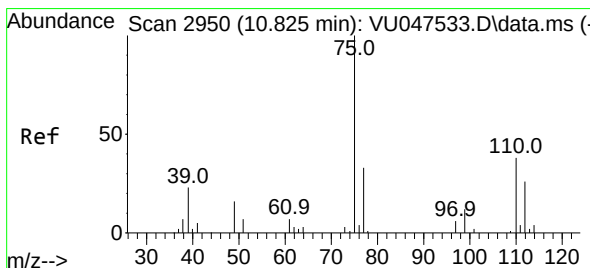
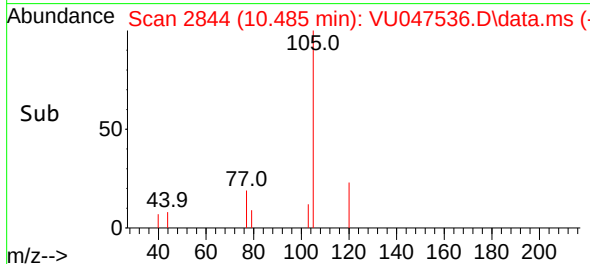
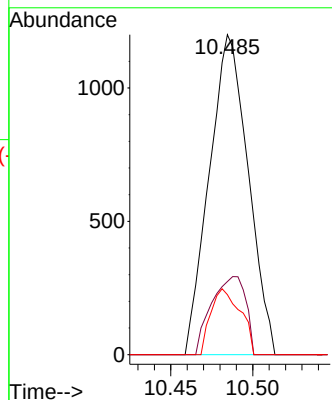
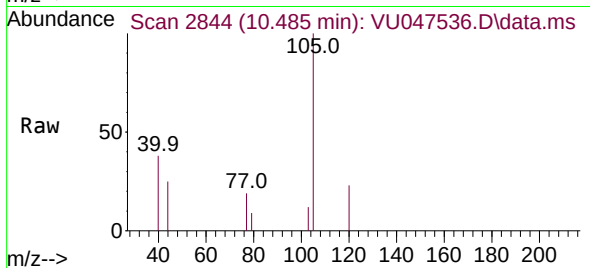




#60
Isopropylbenzene
Concen: 0.057 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

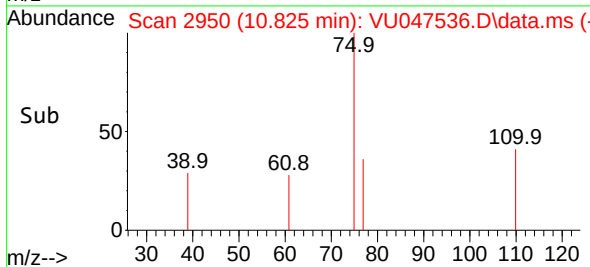
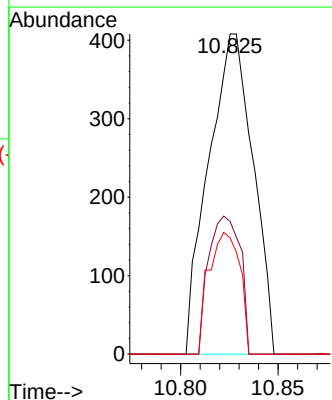
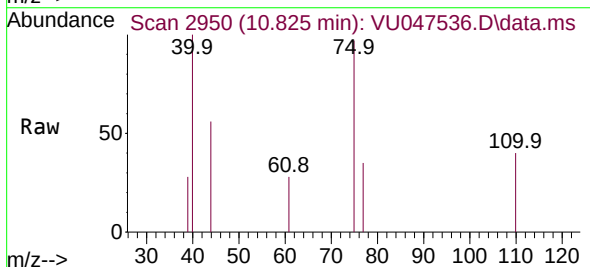
Instrument :
MSVOA_U
ClientSampleId :
VIBLK014

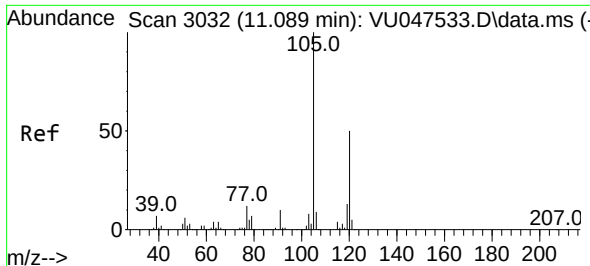
Tgt Ion:105 Resp: 1975
Ion Ratio Lower Upper
105 100
120 21.4 22.2 33.4#
77 15.6 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 0.101 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion: 75 Resp: 649
Ion Ratio Lower Upper
75 100
110 30.7 30.2 45.4
77 26.3 26.6 39.8#

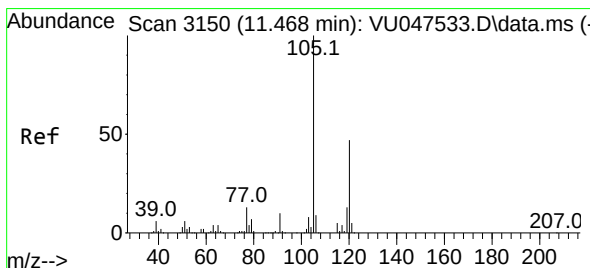
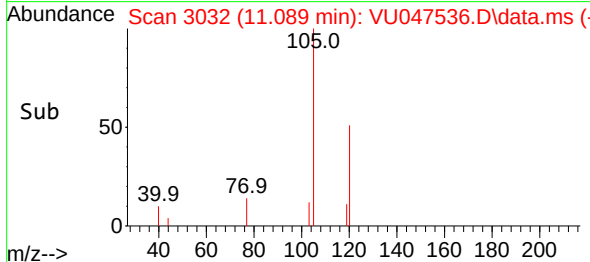
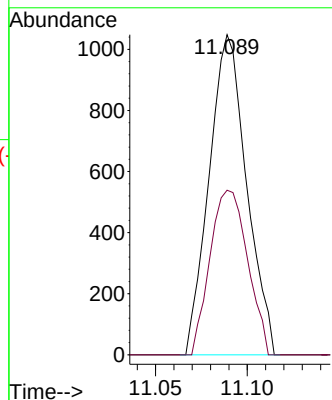
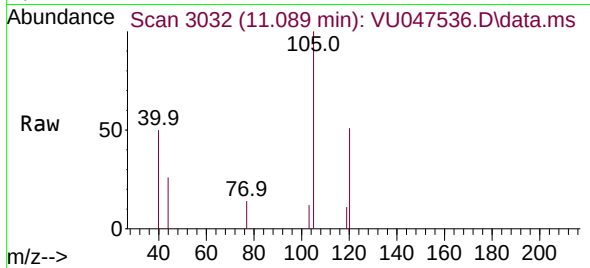




#62
1,3,5-Trimethylbenzene
Concen: 0.067 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

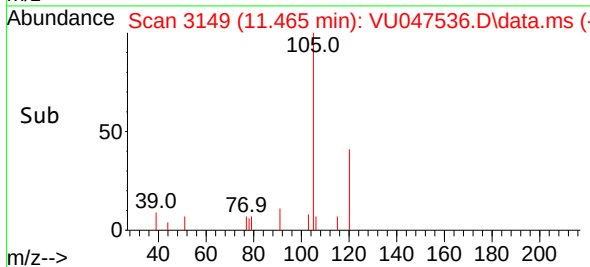
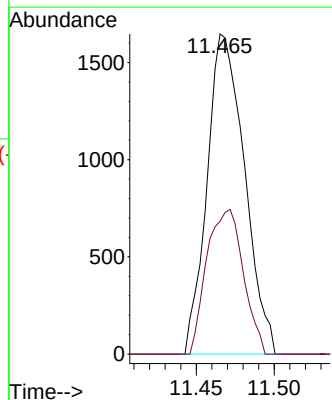
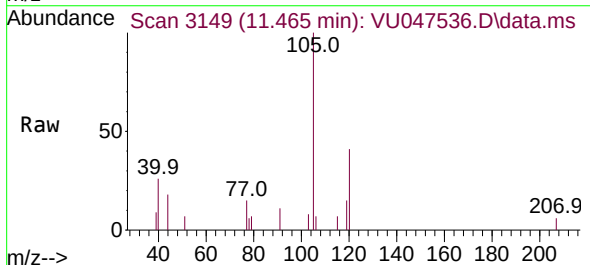
Instrument :
MSVOA_U
ClientSampleId :
VIBLK014

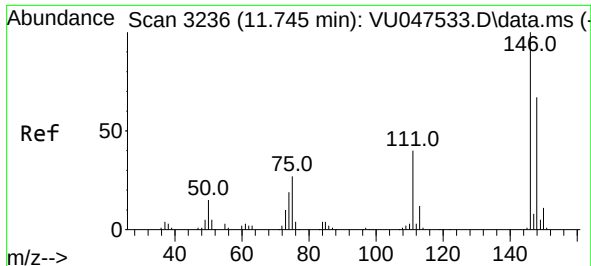
Tgt Ion:105 Resp: 1489
Ion Ratio Lower Upper
105 100
120 51.5 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 0.096 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion:105 Resp: 2750
Ion Ratio Lower Upper
105 100
120 44.1 38.2 57.4

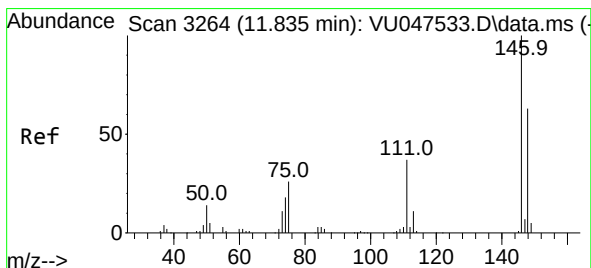
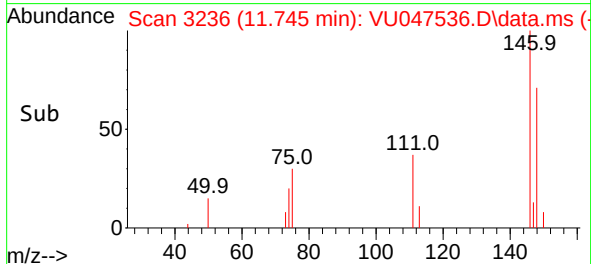
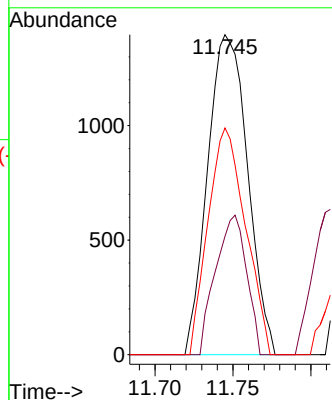
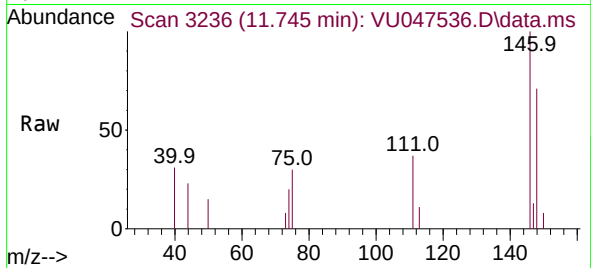




#64
1,3-Dichlorobenzene
Concen: 0.129 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

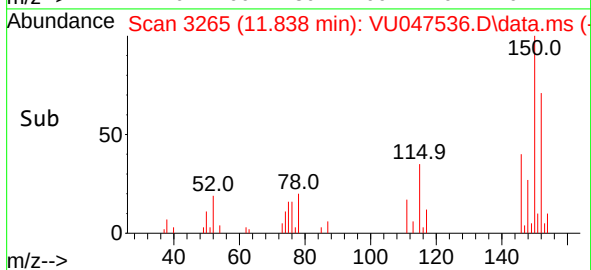
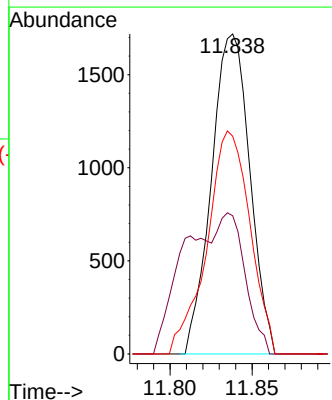
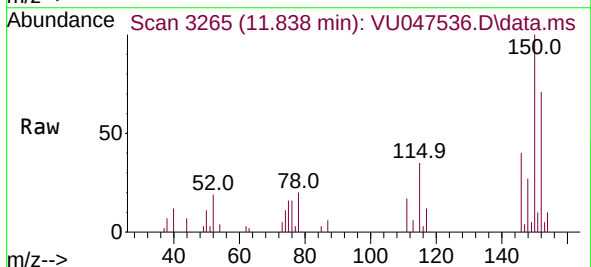
Instrument :
MSVOA_U
ClientSampleId :
VIBLK014

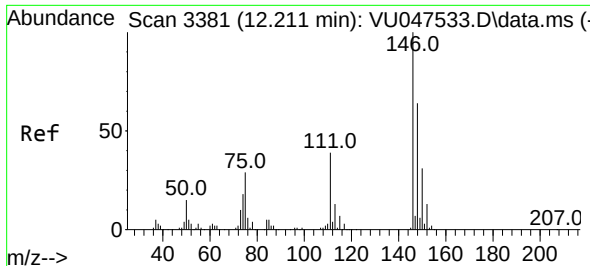
Tgt Ion:146 Resp: 2492
Ion Ratio Lower Upper
146 100
111 37.0 27.7 51.5
148 70.9 46.5 86.5



#65
1,4-Dichlorobenzene
Concen: 0.142 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion:146 Resp: 2796
Ion Ratio Lower Upper
146 100
111 43.2 26.2 48.8
148 68.1 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 0.137 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU047536.D

Acq: 14 Mar 2022 15:19

Instrument :

MSVOA_U

ClientSampleId :

VIBLK014

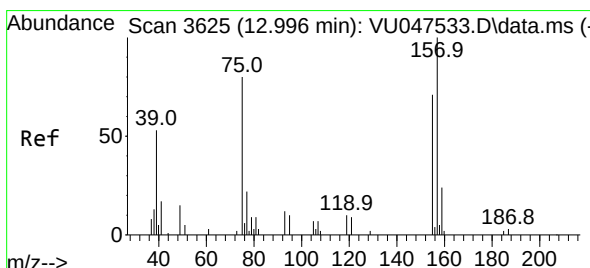
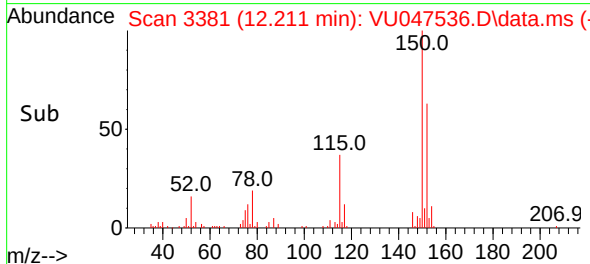
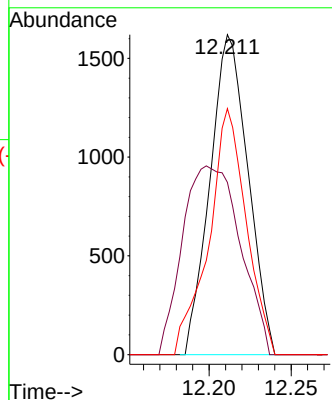
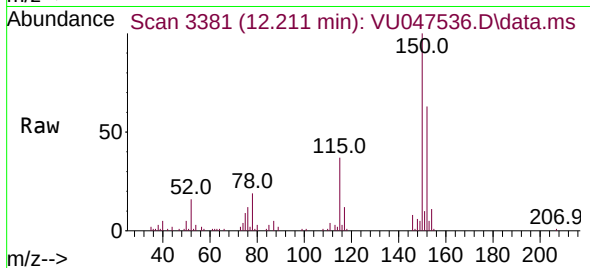
Tgt Ion:146 Resp: 2605

Ion Ratio Lower Upper

146 100

111 53.8 31.4 47.0#

148 76.9 50.9 76.3#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.212 ug/L

RT: 13.005 min Scan# 3628

Delta R.T. 0.010 min

Lab File: VU047536.D

Acq: 14 Mar 2022 15:19

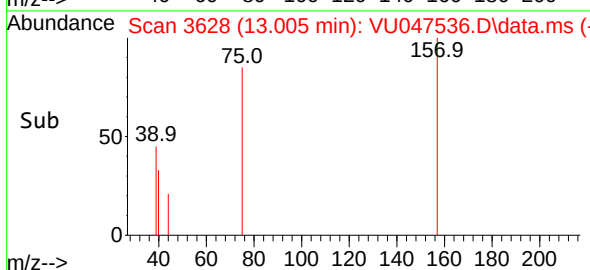
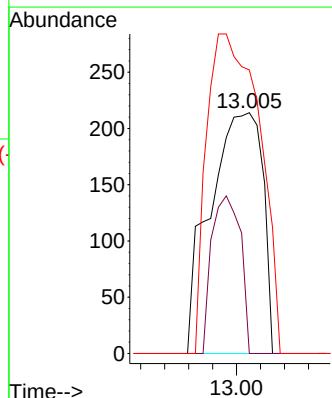
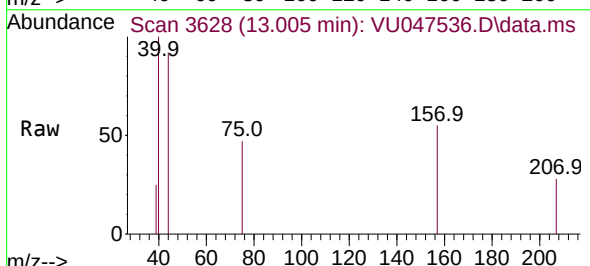
Tgt Ion: 75 Resp: 326

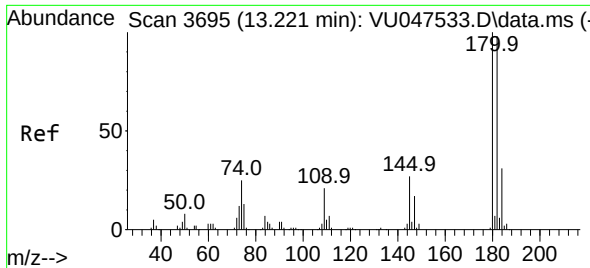
Ion Ratio Lower Upper

75 100

155 0.0 70.8 106.2#

157 117.8 99.4 149.2

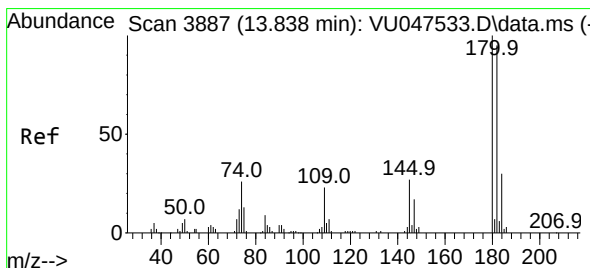
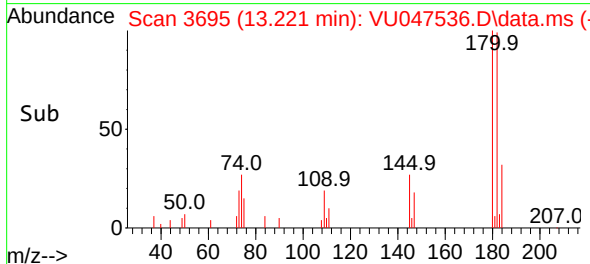
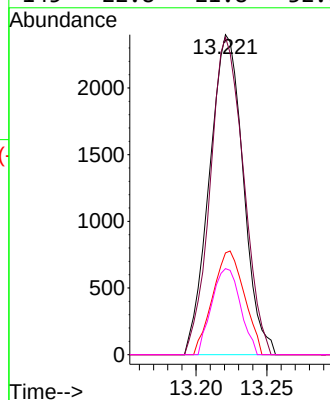
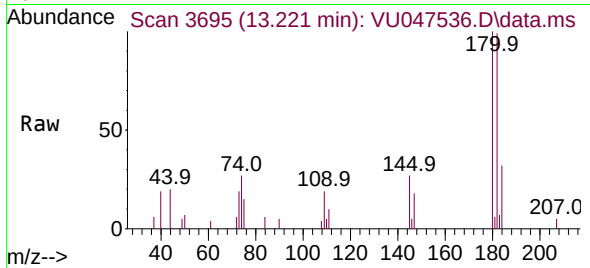




#69
 1,3,5-Trichlorobenzene
 Concen: 0.244 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047536.D
 Acq: 14 Mar 2022 15:19

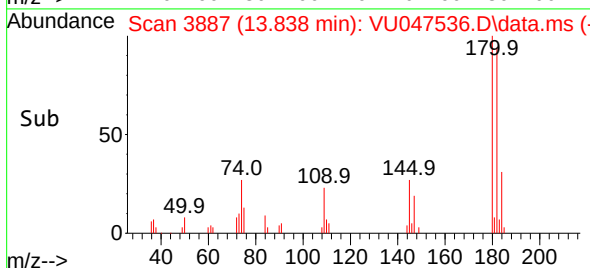
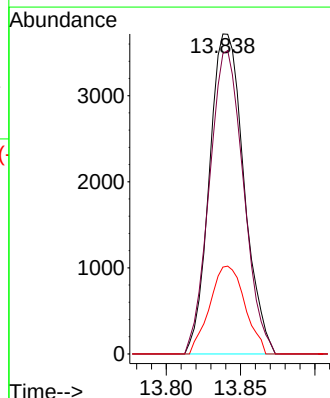
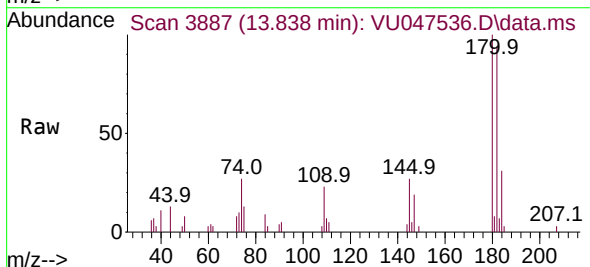
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK014

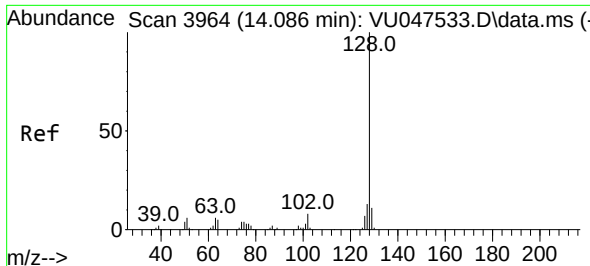
Tgt Ion:	180	Resp:	3980
Ion Ratio	Lower	Upper	
180	100		
182	97.2	77.3	115.9
184	30.1	24.3	36.5
145	22.8	21.8	32.6



#70
 1,2,4-trichlorobenzene
 Concen: 0.418 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU047536.D
 Acq: 14 Mar 2022 15:19

Tgt Ion:	180	Resp:	6003
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.6	114.8
145	27.9	22.5	33.7

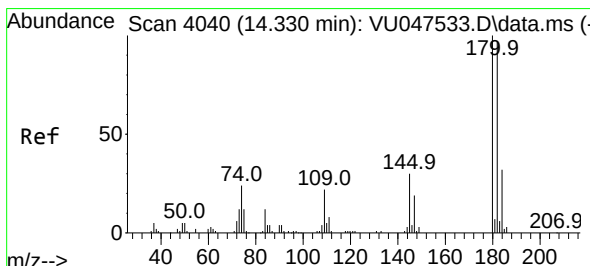
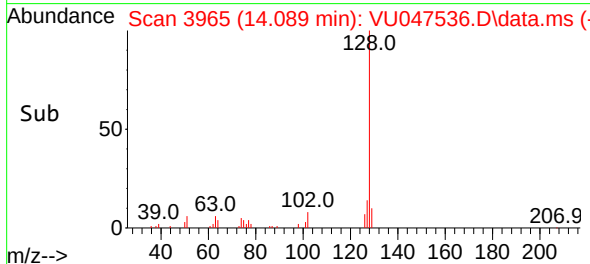
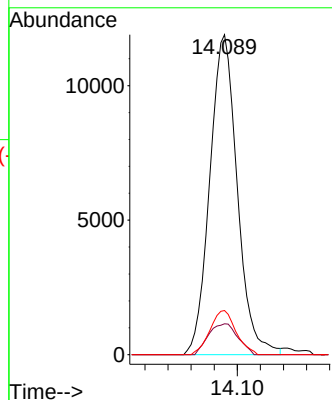
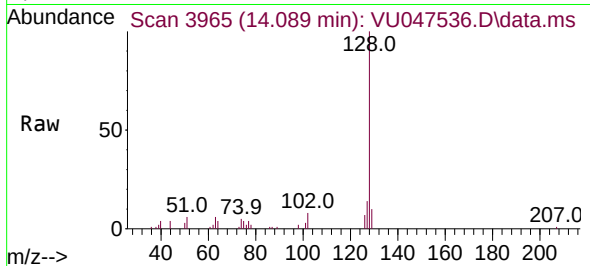




#71
Naphthalene
Concen: 0.739 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Instrument :
MSVOA_U
ClientSampleId :
VIBLK014

Tgt Ion:	128	Resp:	19682
Ion Ratio	Lower	Upper	
128	100		
129	10.3	8.7	13.1
127	13.1	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.506 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion:	180	Resp:	6964
Ion Ratio	Lower	Upper	
180	100		
182	98.8	77.8	116.8
145	29.1	23.7	35.5

