

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
 Data File : VU046734.D
 Acq On : 12 Jan 2022 11:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

Quant Time: Jan 12 13:00:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	75584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	76664	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44352	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21361	3.588	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.919	69	18879	4.027	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.575	65	9802	3.904	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.665	46	101910	59.013	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.020%
24) Chloroform-d	5.070	84	52345	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.706	65	30748	4.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.732	84	94858	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.693	67	29891	4.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.902	98	88040	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.182	79	14704	4.951	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.639	63	100321	57.531	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36884	5.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	36554	4.474	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	49357	4.268	ug/L	100
3) Chloromethane	1.523	50	36150	3.629	ug/L	98
5) Vinyl chloride	1.607	62	39259	4.003	ug/L	97
6) Bromomethane	1.864	94	24108	4.084	ug/L	98
8) Chloroethane	1.941	64	24329	4.226	ug/L	97
9) Trichlorofluoromethane	2.147	101	64294	5.013	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36512	5.592	ug/L	95
12) 1,1-Dichloroethene	2.588	96	30845	4.639	ug/L #	70
13) Acetone	2.694	43	87068	53.776	ug/L	89
14) Carbon disulfide	2.800	76	67468	3.107	ug/L	98
15) Methyl Acetate	2.970	43	18085	5.530	ug/L #	87
16) Methylene chloride	3.054	84	47730	5.900	ug/L	90
17) Methyl tert-butyl Ether	3.369	73	106019	5.466	ug/L	97
18) trans-1,2-Dichloroethene	3.362	96	32595	4.595	ug/L	94
19) 1,1-Dichloroethane	3.877	63	64630	4.946	ug/L	99
21) 2-Butanone	4.739	43	152973	62.274	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	39383	5.080	ug/L	96
23) Bromochloromethane	4.983	128	20107	5.211	ug/L	86
25) Chloroform	5.095	83	75100	5.320	ug/L	97

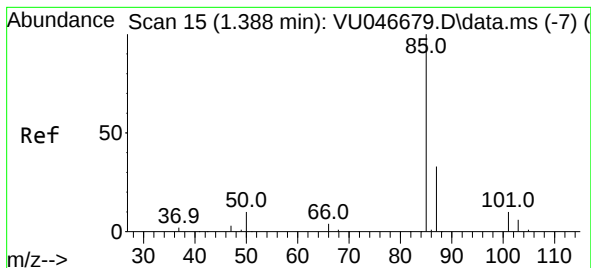
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
 Data File : VU046734.D
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD005146

Quant Time: Jan 12 13:00:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	50604	5.022	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	65315	5.152	ug/L	98
30) Cyclohexane	5.394	56	46286	4.414	ug/L	95
31) Carbon tetrachloride	5.530	117	54742	5.146	ug/L	98
33) Benzene	5.777	78	146587	4.812	ug/L	100
34) Trichloroethene	6.546	95	38738	4.824	ug/L	98
35) Methylcyclohexane	6.767	83	53493	4.725	ug/L	96
37) 1,2-Dichloropropane	6.793	63	40189	5.172	ug/L	98
38) Bromodichloromethane	7.108	83	56921	5.293	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	59946	5.097	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	335527	57.527	ug/L #	94
42) Toluene	7.973	91	162622	5.201	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	57746	5.298	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	37892	5.655	ug/L	96
47) Tetrachloroethene	8.555	164	29960	5.273	ug/L	94
48) 2-Hexanone	8.690	43	255312	58.614	ug/L #	95
49) Dibromochloromethane	8.812	129	44320	5.734	ug/L	96
50) 1,2-Dibromoethane	8.928	107	35511	5.490	ug/L #	96
51) Chlorobenzene	9.449	112	106274	5.318	ug/L	99
52) Ethylbenzene	9.571	91	177101	5.472	ug/L	100
53) m,p-Xylene	9.697	106	69868	5.635	ug/L	98
54) o-Xylene	10.102	106	68410	5.742	ug/L	97
55) Styrene	10.118	104	120963	5.854	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	52260	5.968	ug/L	92
59) Bromoform	10.295	173	27799	5.425	ug/L	98
60) Isopropylbenzene	10.488	105	185474	5.423	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	37570	5.100	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	151257	5.317	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	158440	5.531	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	92429	5.559	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	92973	5.462	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	91754	5.502	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	8757	5.136	ug/L	83
69) 1,3,5-Trichlorobenzene	13.221	180	73678	5.855	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	62839	5.896	ug/L	98
71) Naphthalene	14.089	128	134037	5.663	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	62452	5.919	ug/L	99

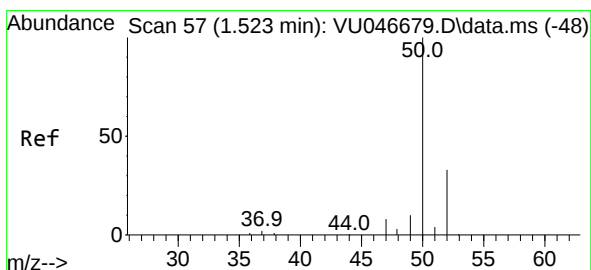
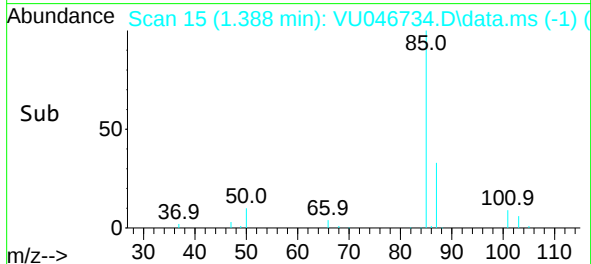
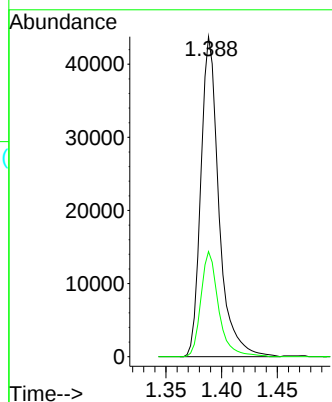
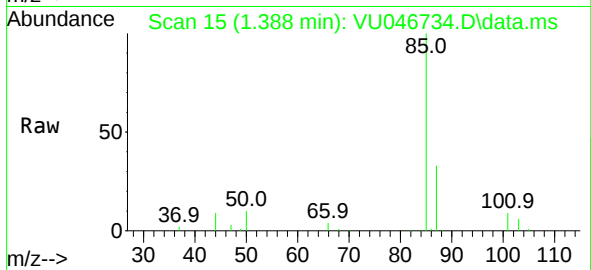
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#2
Dichlorodifluoromethane
Concen: 4.268 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.010 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

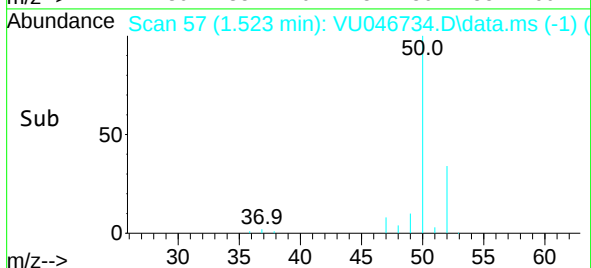
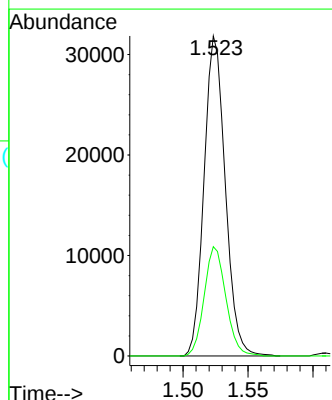
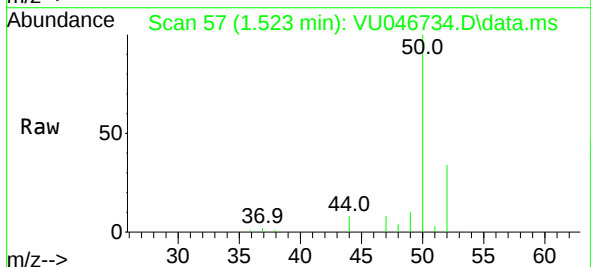
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MSVOA_U
ClientSampleId :
VSTD005146

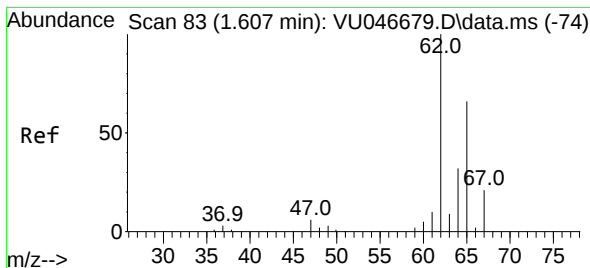
Tgt Ion: 85 Resp: 49357
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6



#3
Chloromethane
Concen: 3.629 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.006 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion: 50 Resp: 36150
Ion Ratio Lower Upper
50 100
52 34.2 23.0 42.8





#5

Vinyl chloride

Concen: 4.003 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.006 min

Lab File: VU046734.D

Acq: 12 Jan 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

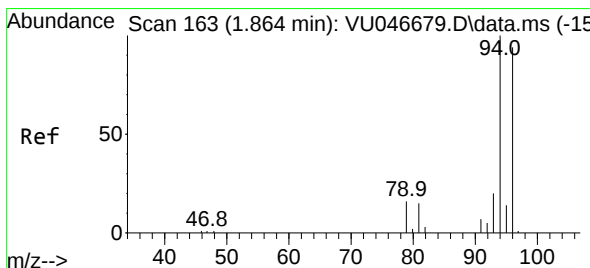
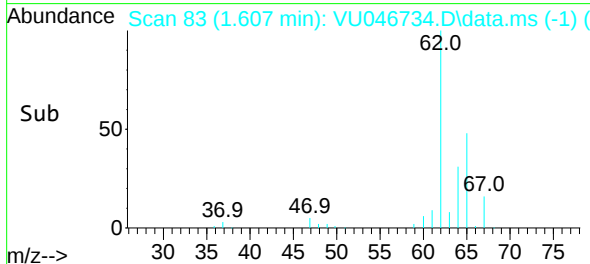
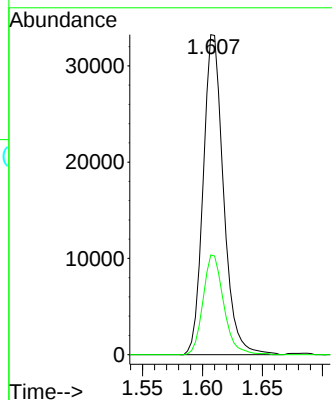
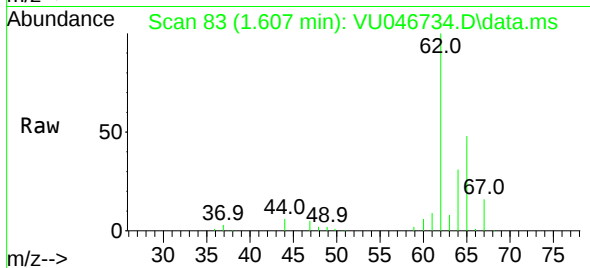
VSTD005146

Tgt Ion: 62 Resp: 39259

Ion Ratio Lower Upper

62 100

64 31.1 22.9 42.5



#6

Bromomethane

Concen: 4.084 ug/L

RT: 1.864 min Scan# 163

Delta R.T. 0.006 min

Lab File: VU046734.D

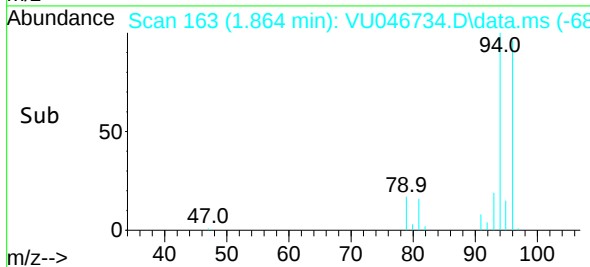
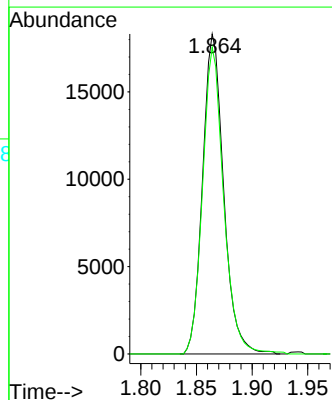
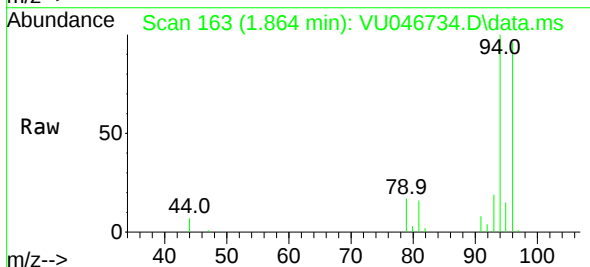
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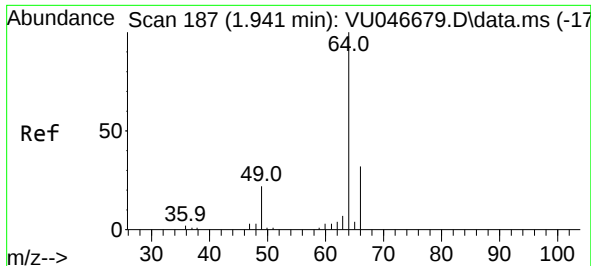
Tgt Ion: 94 Resp: 24108

Ion Ratio Lower Upper

94 100

96 95.8 65.5 121.6

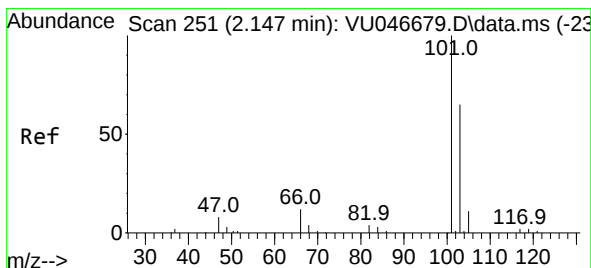
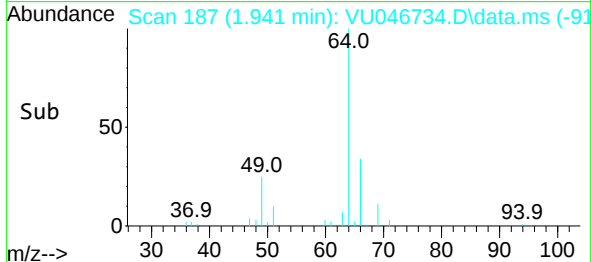
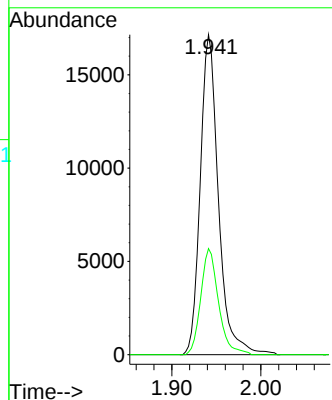
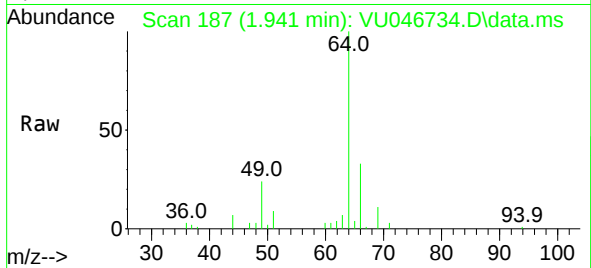




#8
Chloroethane
Concen: 4.226 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.010 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

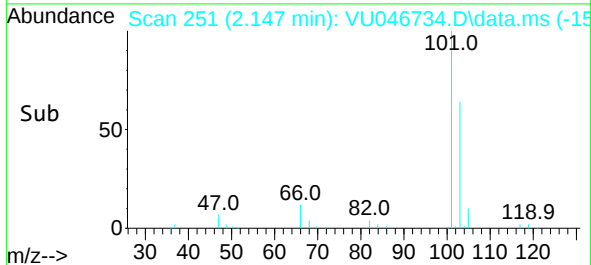
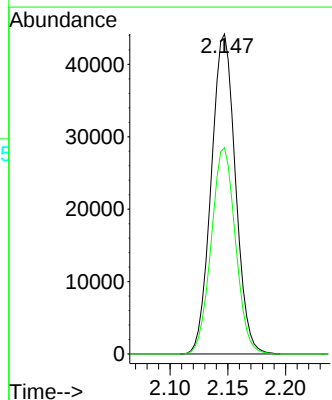
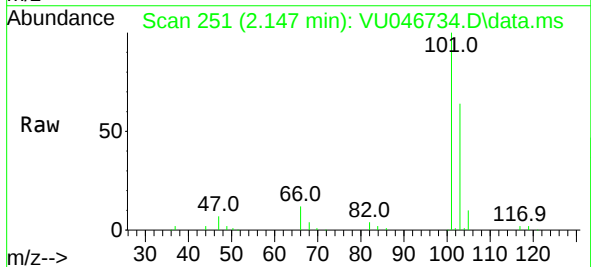
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

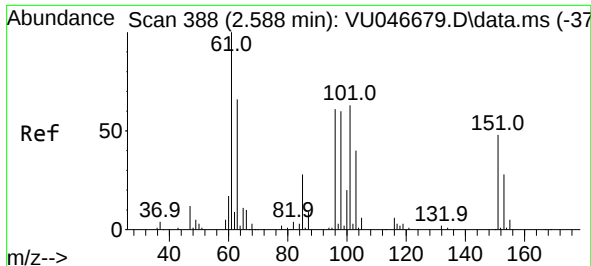
Tgt Ion: 64 Resp: 24329
Ion Ratio Lower Upper
64 100
66 33.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.013 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.010 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion:101 Resp: 64294
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

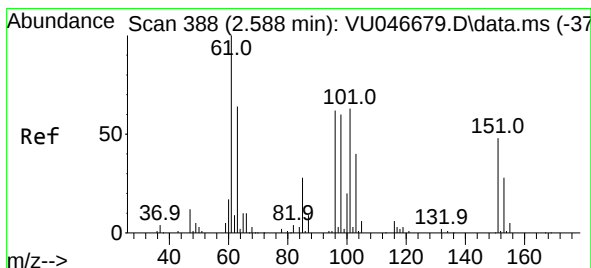
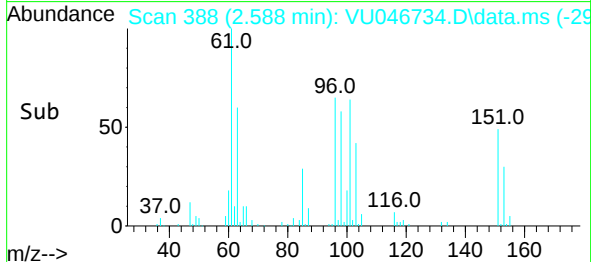
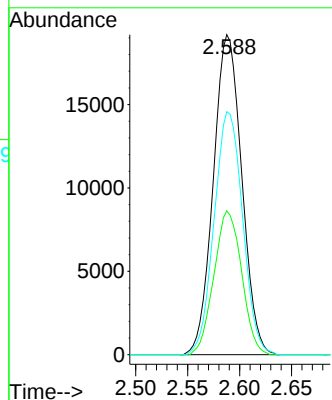
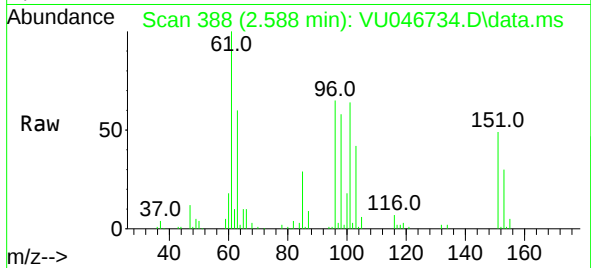




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.592 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.010 min
 Lab File: VU046734.D
 Acq: 12 Jan 2022 11:11

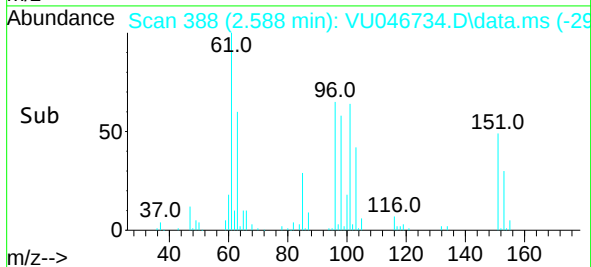
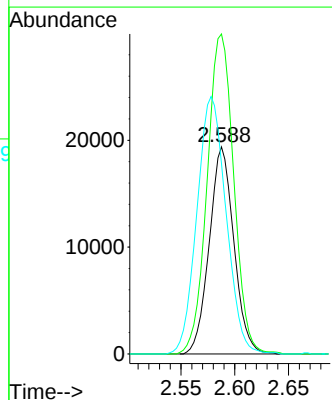
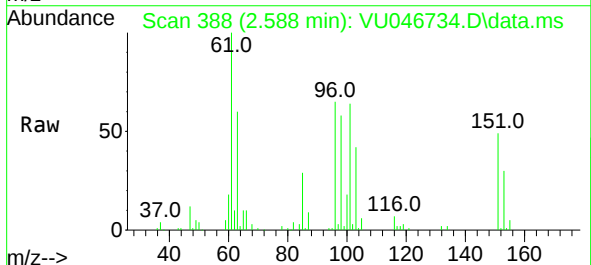
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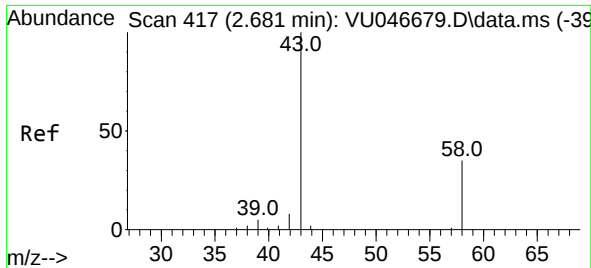
Tgt Ion:101 Resp: 36512
 Ion Ratio Lower Upper
 101 100
 85 43.8 34.6 51.8
 151 76.2 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 4.639 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.010 min
 Lab File: VU046734.D
 Acq: 12 Jan 2022 11:11

Tgt Ion: 96 Resp: 30845
 Ion Ratio Lower Upper
 96 100
 61 154.6 124.7 231.5
 63 92.0 105.2 195.4#





#13

Acetone

Concen: 53.776 ug/L

RT: 2.694 min Scan# 417

Delta R.T. 0.010 min

Lab File: VU046734.D

Acq: 12 Jan 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

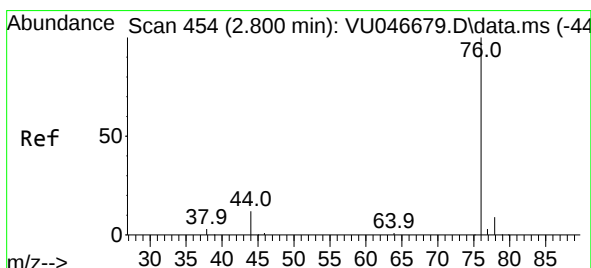
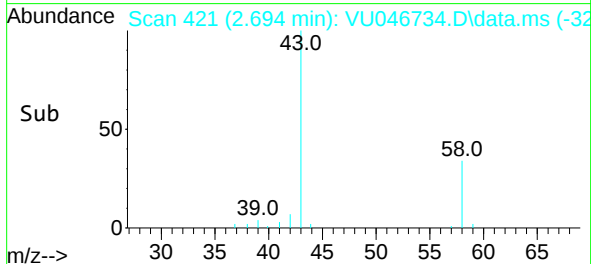
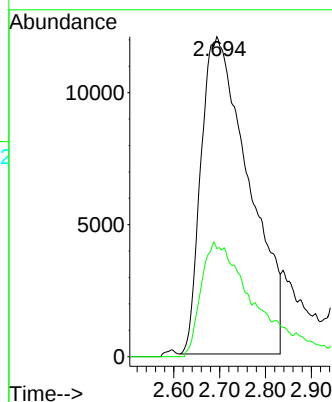
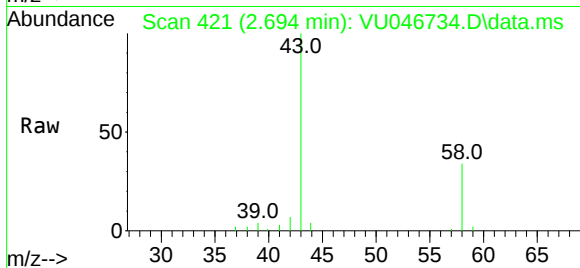
VSTD005146

Tgt Ion: 43 Resp: 87068

Ion Ratio Lower Upper

43 100

58 29.2 0.0 71.6



#14

Carbon disulfide

Concen: 3.107 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.006 min

Lab File: VU046734.D

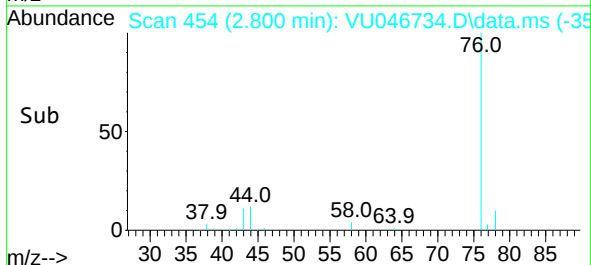
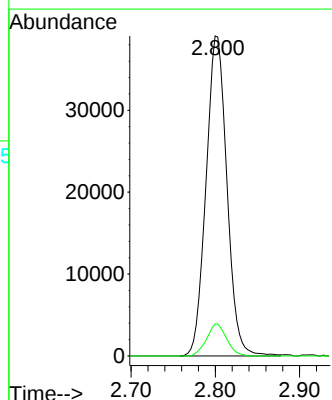
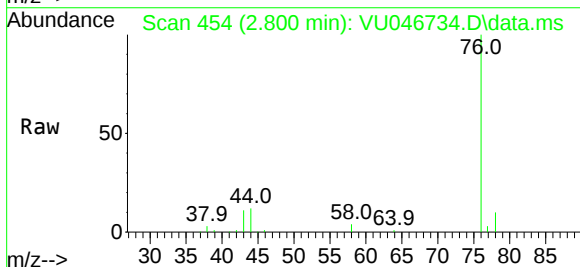
Acq: 12 Jan 2022 11:11

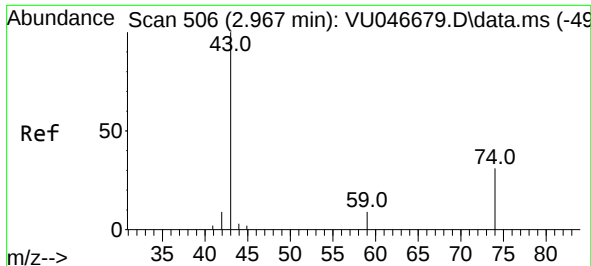
Tgt Ion: 76 Resp: 67468

Ion Ratio Lower Upper

76 100

78 10.0 7.5 11.3

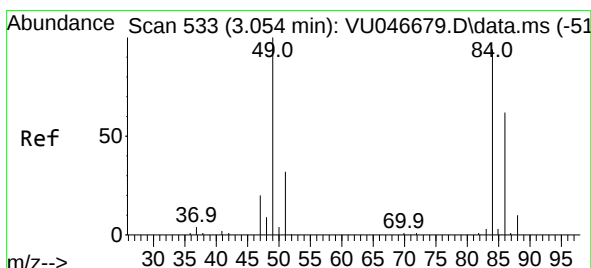
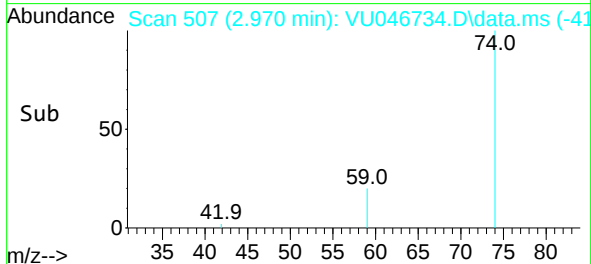
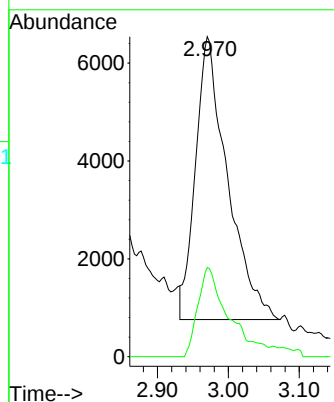
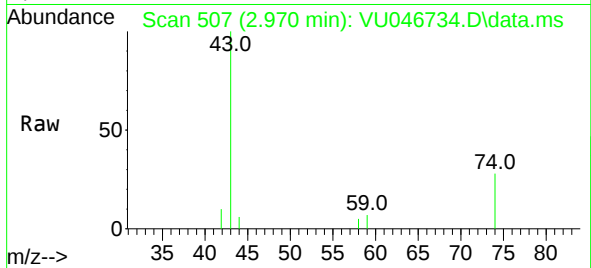




#15
Methyl Acetate
Concen: 5.530 ug/L
RT: 2.970 min Scan# 506
Delta R.T. 0.006 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

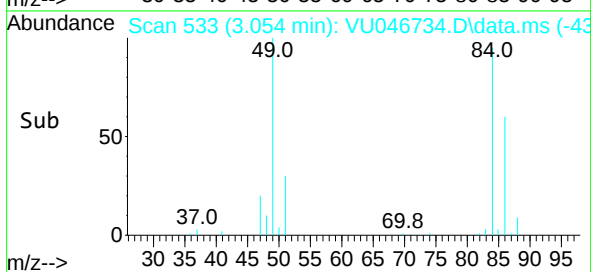
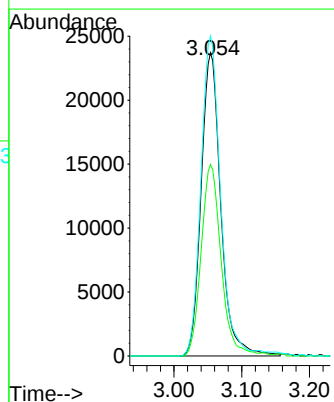
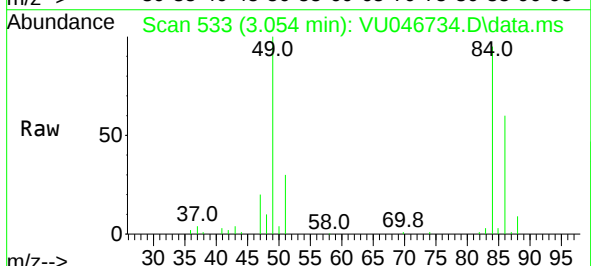
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

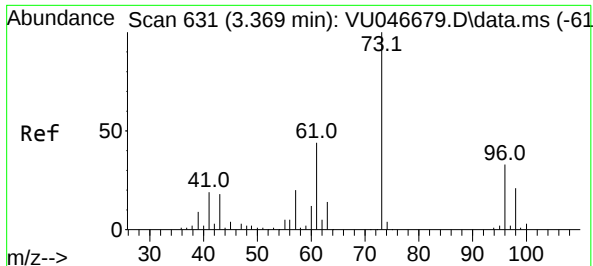
Tgt Ion: 43 Resp: 18085
Ion Ratio Lower Upper
43 100
74 30.4 19.1 28.7#



#16
Methylene chloride
Concen: 5.900 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.010 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion: 84 Resp: 47730
Ion Ratio Lower Upper
84 100
86 63.2 45.8 85.0
49 105.5 84.5 156.9

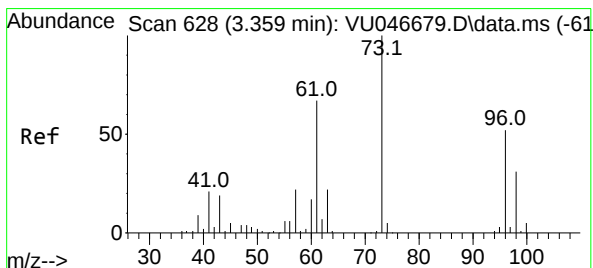
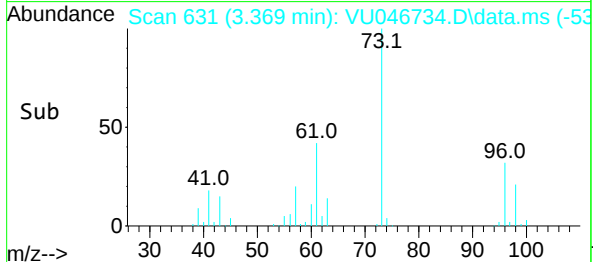
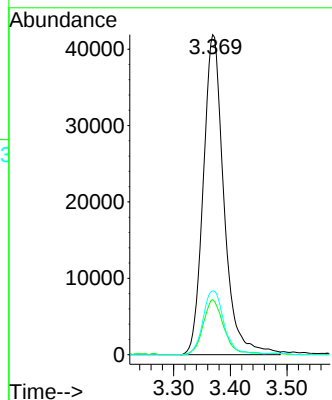
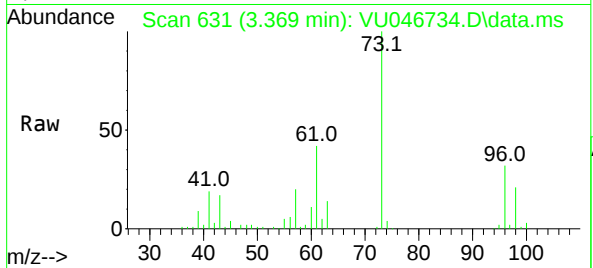




#17
Methyl tert-butyl Ether
Concen: 5.466 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

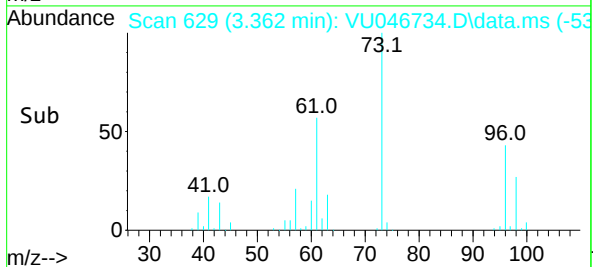
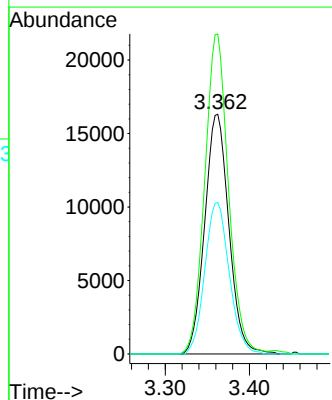
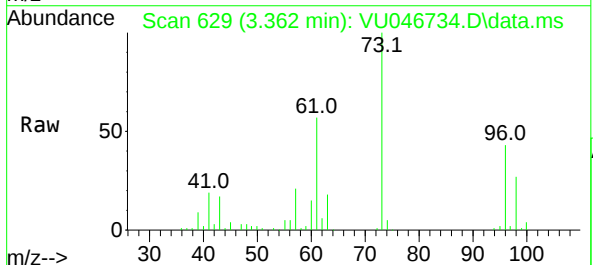
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

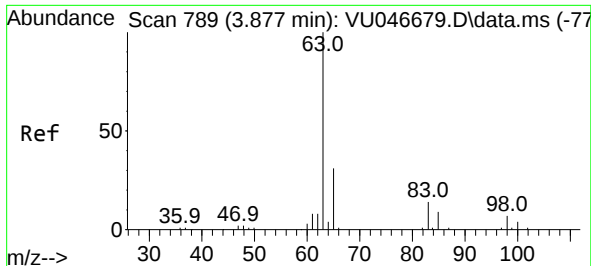
Tgt Ion: 73 Resp: 106019
Ion Ratio Lower Upper
73 100
43 17.3 14.8 22.2
57 20.1 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.595 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.010 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion: 96 Resp: 32595
Ion Ratio Lower Upper
96 100
61 133.5 100.8 187.2
98 63.2 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.946 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.010 min

Lab File: VU046734.D

Acq: 12 Jan 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD005146

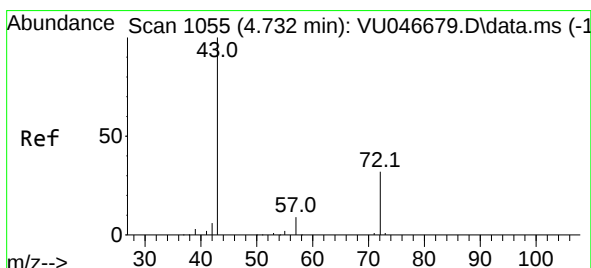
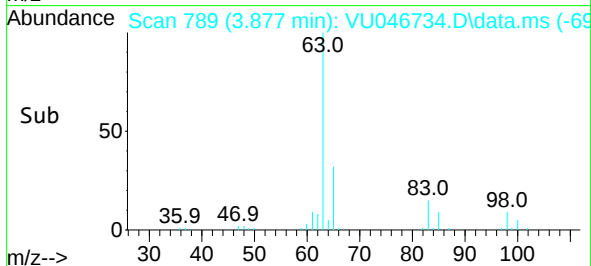
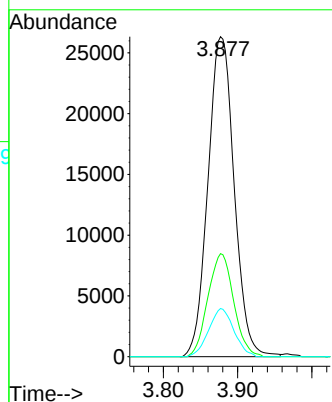
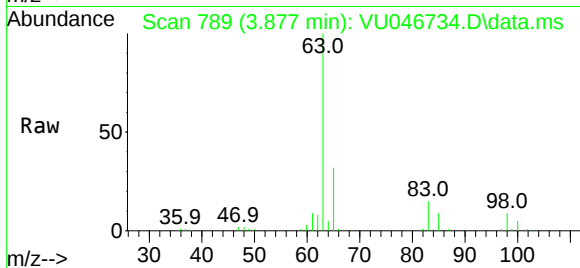
Tgt Ion: 63 Resp: 64630

Ion Ratio Lower Upper

63 100

65 32.2 22.3 41.5

83 15.0 9.6 17.8



#21

2-Butanone

Concen: 62.274 ug/L

RT: 4.739 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VU046734.D

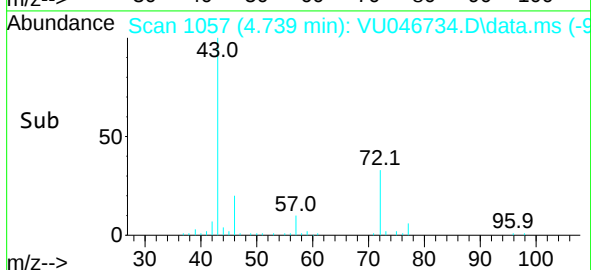
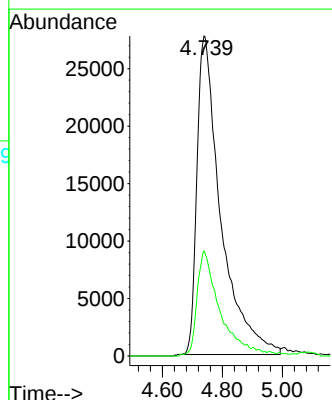
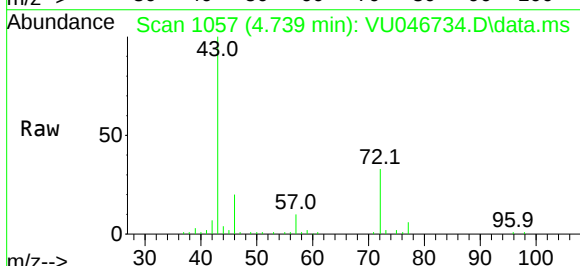
Acq: 12 Jan 2022 11:11

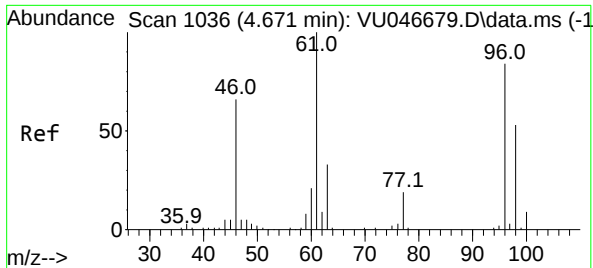
Tgt Ion: 43 Resp: 152973

Ion Ratio Lower Upper

43 100

72 28.8 14.1 42.3

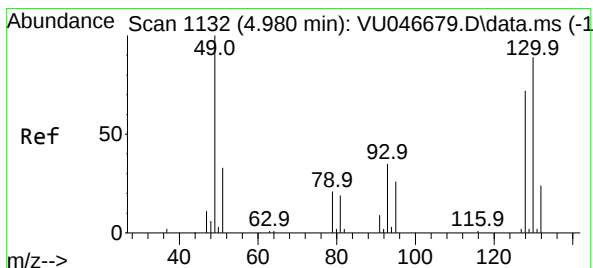
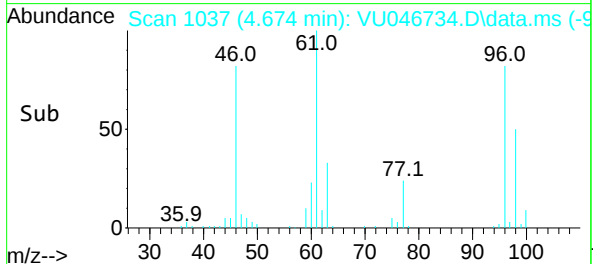
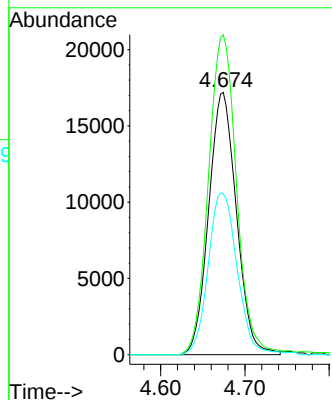
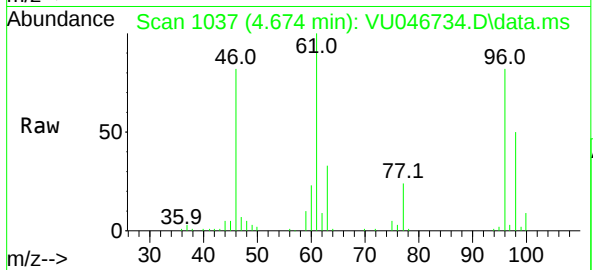




#22
 cis-1,2-Dichloroethene
 Concen: 5.080 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.010 min
 Lab File: VU046734.D
 Acq: 12 Jan 2022 11:11

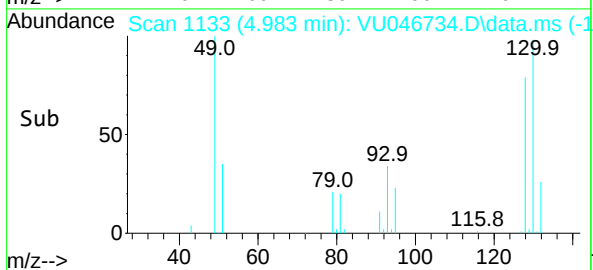
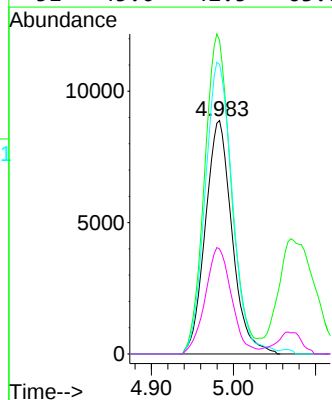
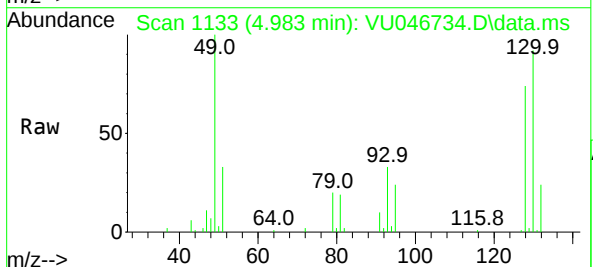
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

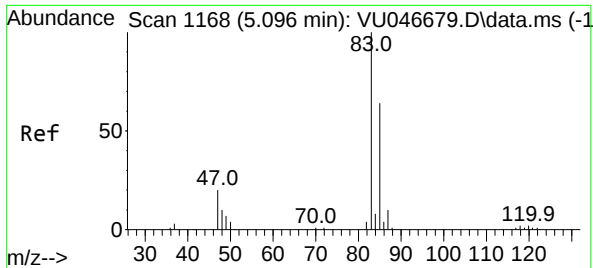
Tgt Ion: 96 Resp: 39383
 Ion Ratio Lower Upper
 96 100
 61 122.0 88.5 164.3
 98 61.3 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.211 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.006 min
 Lab File: VU046734.D
 Acq: 12 Jan 2022 11:11

Tgt Ion: 128 Resp: 20107
 Ion Ratio Lower Upper
 128 100
 49 134.3 117.0 217.2
 130 124.0 88.2 163.8
 51 45.0 42.5 63.7

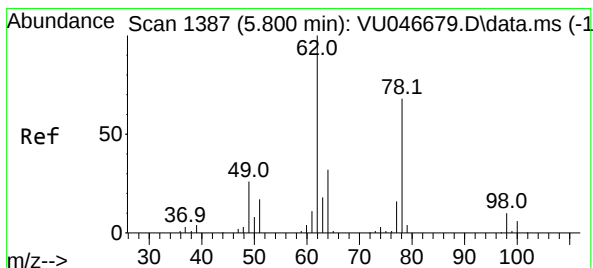
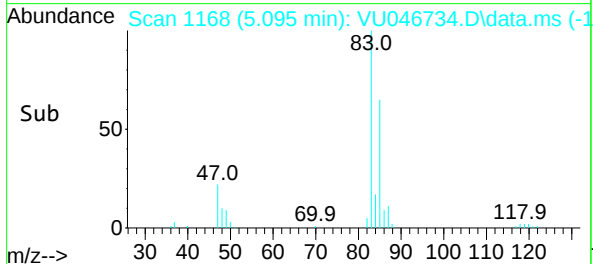
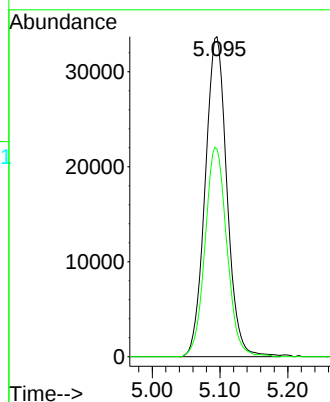
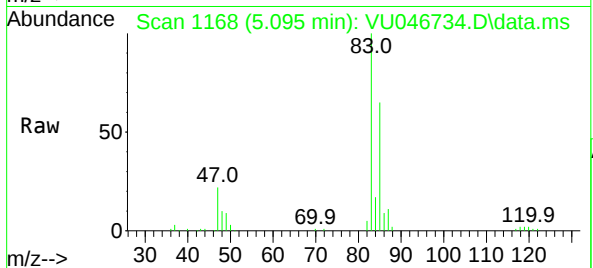




#25
Chloroform
Concen: 5.320 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. 0.010 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

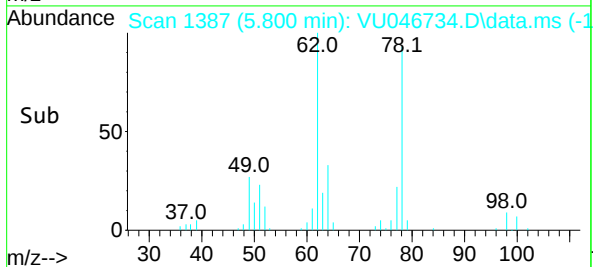
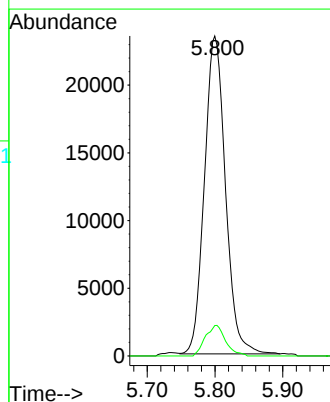
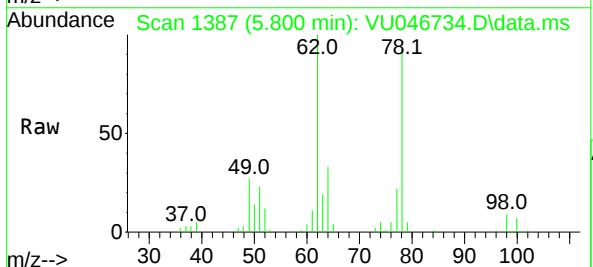
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

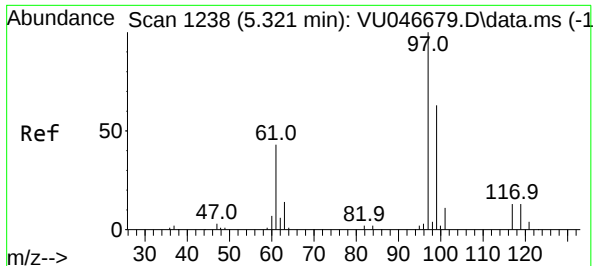
Tgt Ion: 83 Resp: 75100
Ion Ratio Lower Upper
83 100
85 64.9 46.9 87.1



#27
1,2-Dichloroethane
Concen: 5.022 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion: 62 Resp: 50604
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.152 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046734.D

Acq: 12 Jan 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD005146

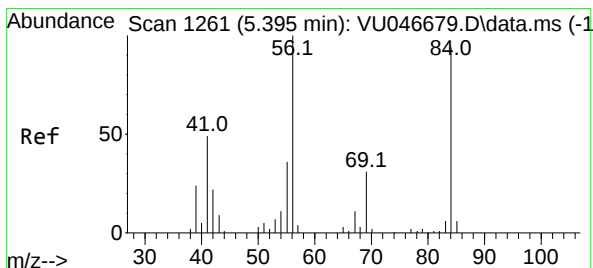
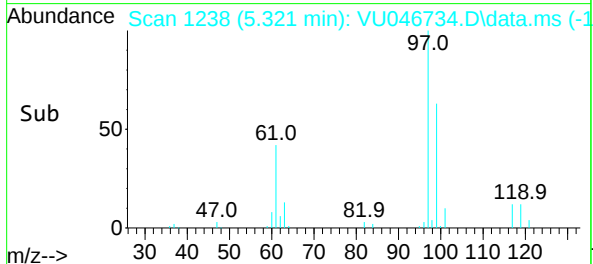
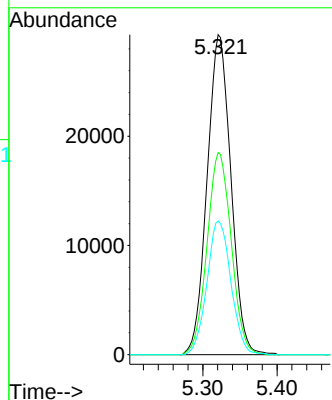
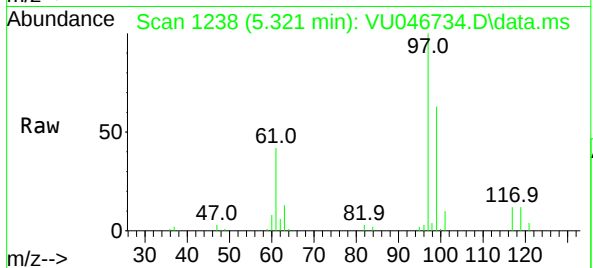
Tgt Ion: 97 Resp: 65315

Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

61 42.0 36.1 54.1



#30

Cyclohexane

Concen: 4.414 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. 0.006 min

Lab File: VU046734.D

Acq: 12 Jan 2022 11:11

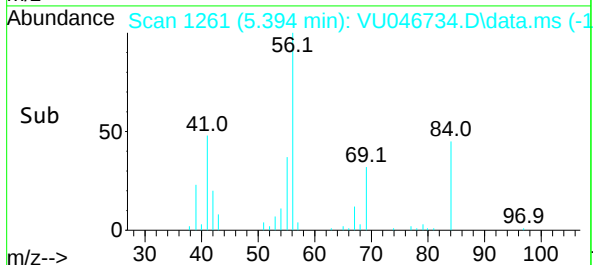
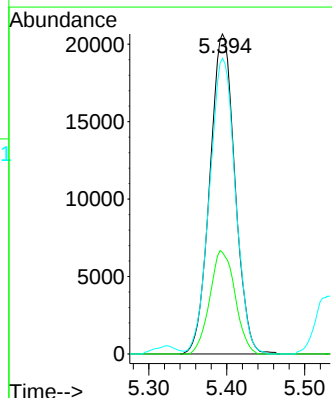
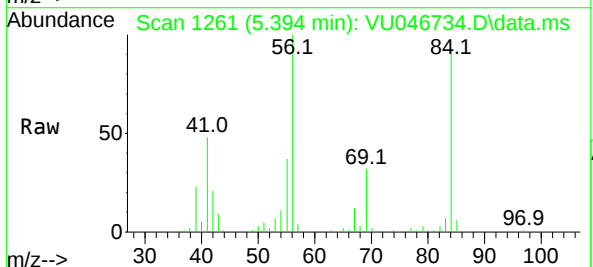
Tgt Ion: 56 Resp: 46286

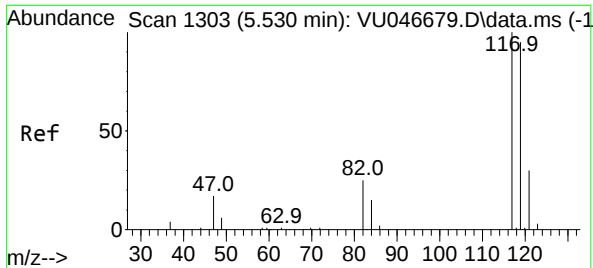
Ion Ratio Lower Upper

56 100

69 32.4 24.7 37.1

84 95.2 71.8 107.6

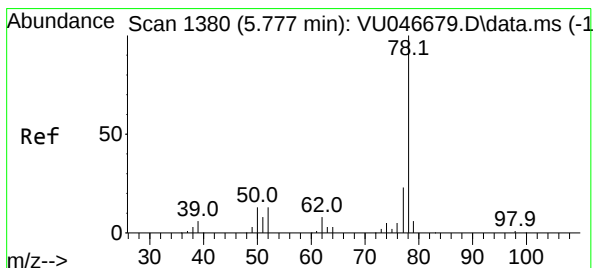
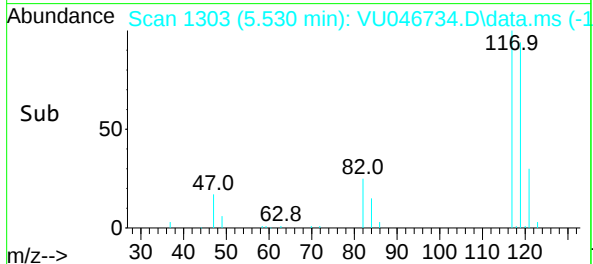
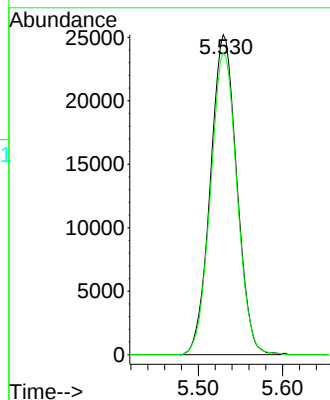
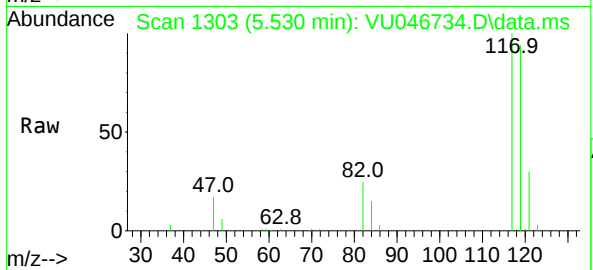




#31
Carbon tetrachloride
Concen: 5.146 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

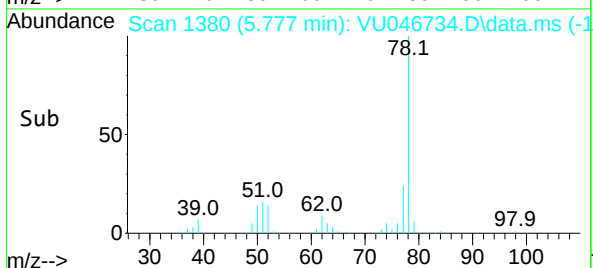
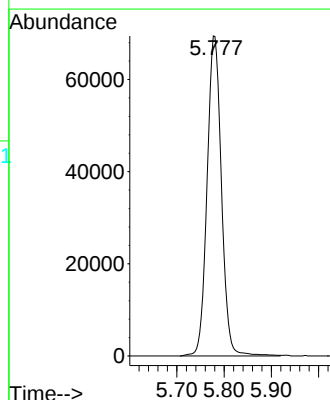
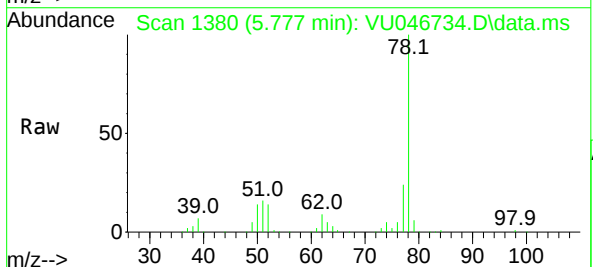
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

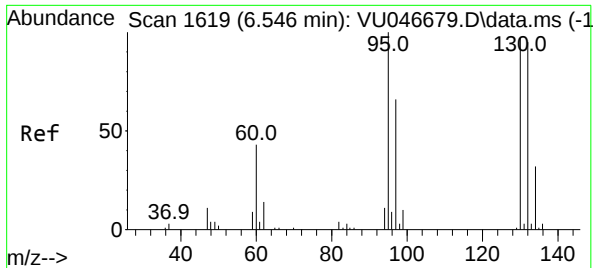
Tgt Ion:117 Resp: 54742
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3



#33
Benzene
Concen: 4.812 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion: 78 Resp: 146587



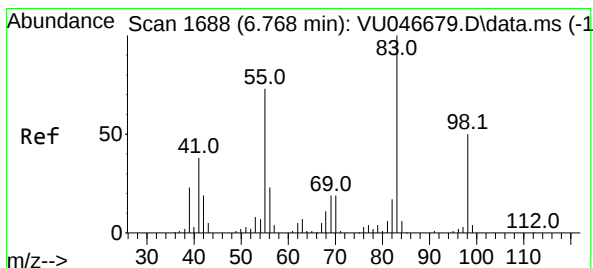
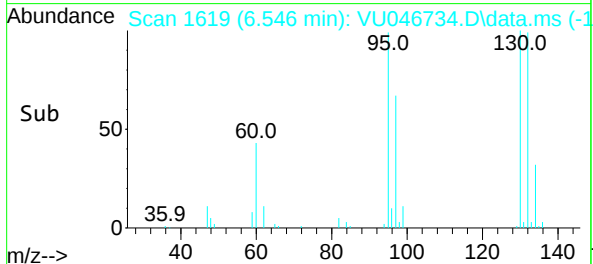
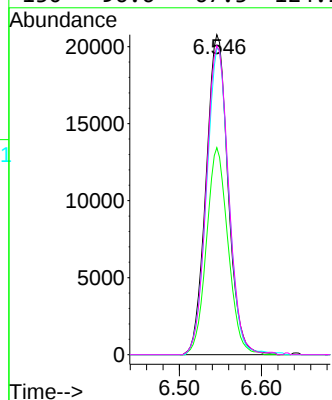
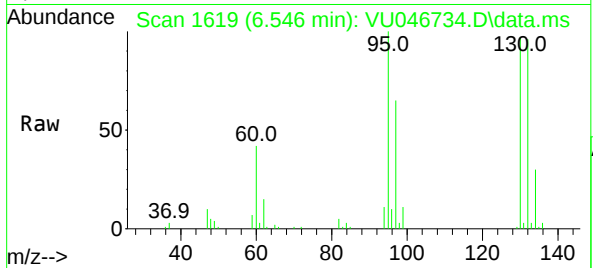


#34
Trichloroethene
Concen: 4.824 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

Tgt Ion: 95 Resp: 38738

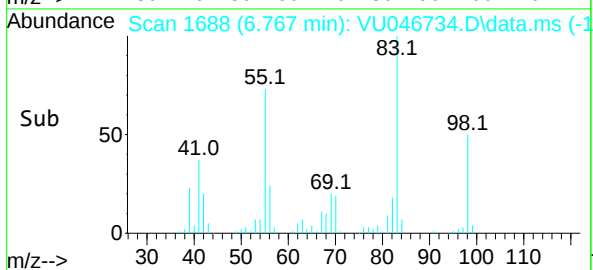
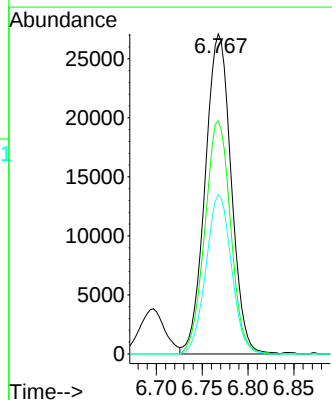
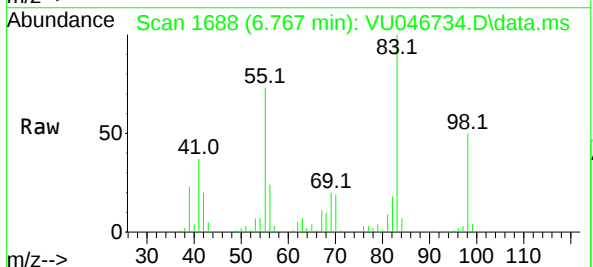
Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.5	86.5
132	95.8	65.1	120.9
130	96.6	67.3	124.9

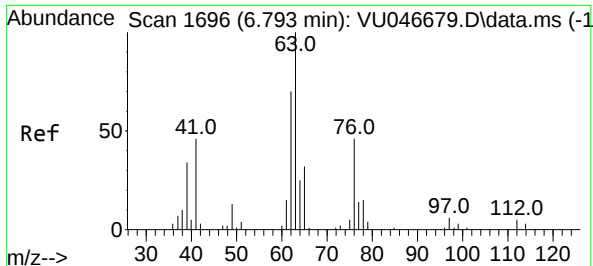


#35
Methylcyclohexane
Concen: 4.725 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion: 83 Resp: 53493

Ion	Ratio	Lower	Upper
83	100		
55	71.8	61.9	92.9
98	48.8	39.0	58.6

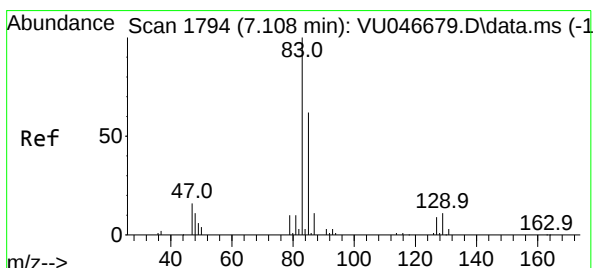
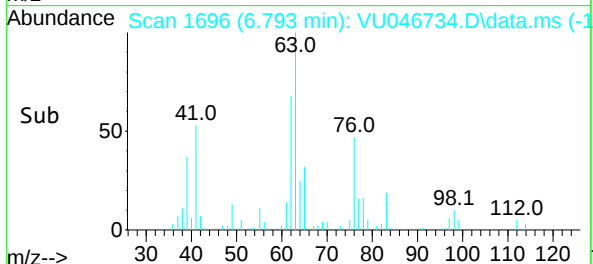
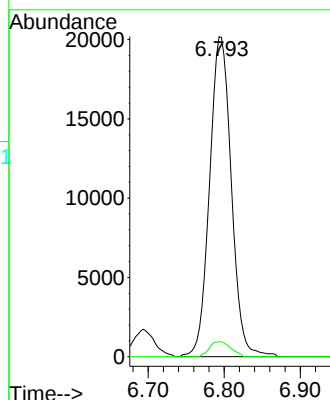
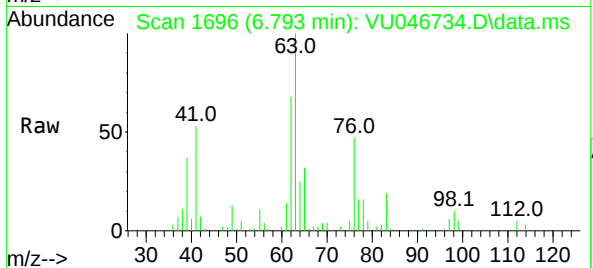




#37
1,2-Dichloropropane
Concen: 5.172 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

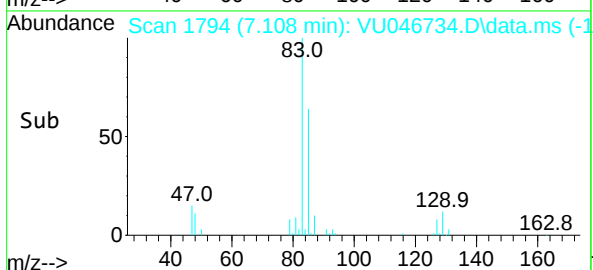
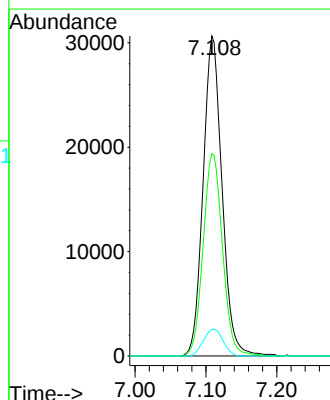
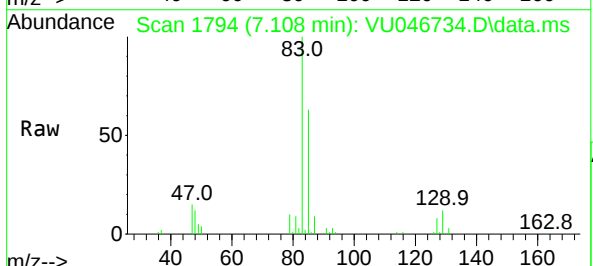
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

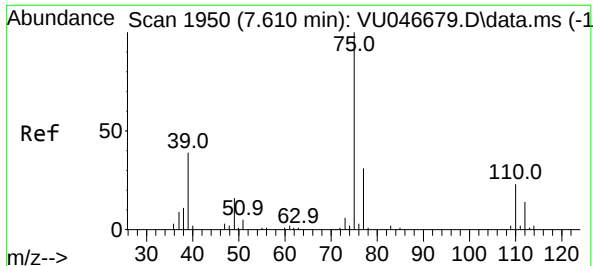
Tgt Ion: 63 Resp: 40189
Ion Ratio Lower Upper
63 100
112 4.6 3.2 4.8



#38
Bromodichloromethane
Concen: 5.293 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion: 83 Resp: 56921
Ion Ratio Lower Upper
83 100
85 63.2 44.0 81.8
127 8.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.097 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VU046734.D

Acq: 12 Jan 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

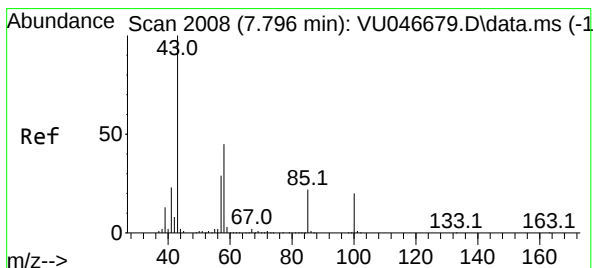
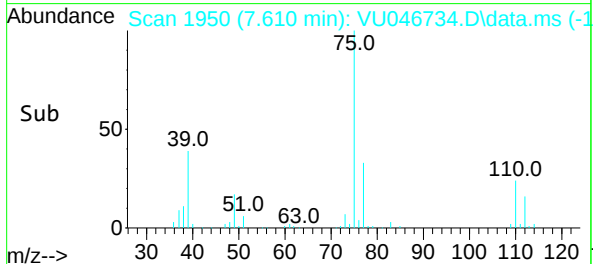
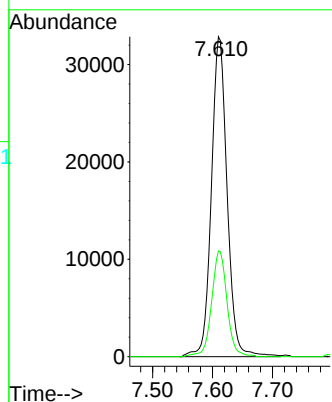
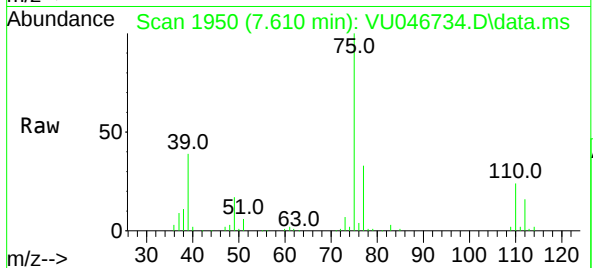
VSTD005146

Tgt Ion: 75 Resp: 59946

Ion Ratio Lower Upper

75 100

77 33.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 57.527 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU046734.D

Acq: 12 Jan 2022 11:11

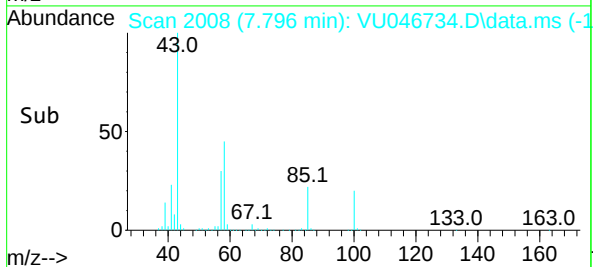
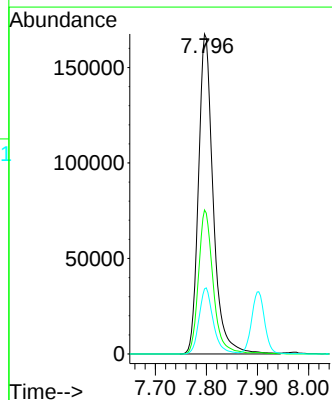
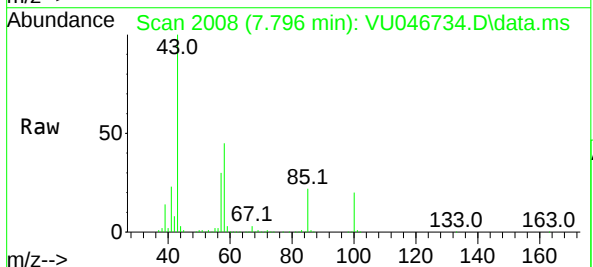
Tgt Ion: 43 Resp: 335527

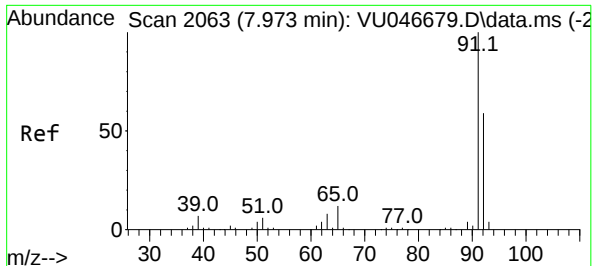
Ion Ratio Lower Upper

43 100

58 44.6 33.1 49.7

100 19.9 13.2 19.8#





#42

Toluene

Concen: 5.201 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU046734.D

Acq: 12 Jan 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

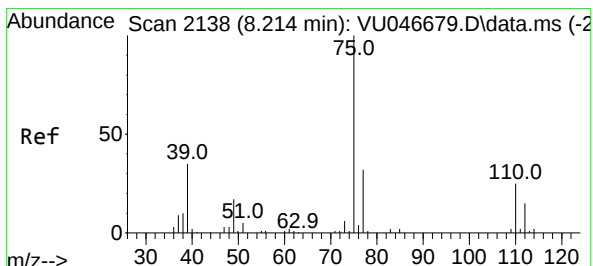
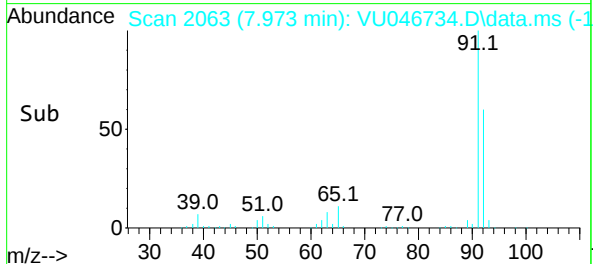
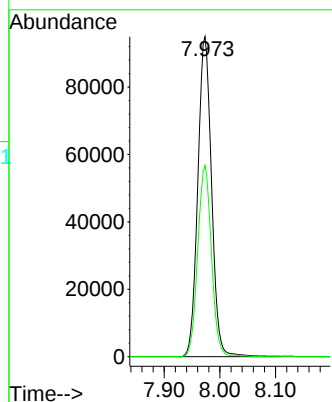
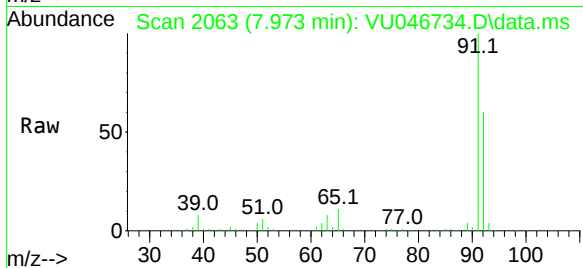
VSTD005146

Tgt Ion: 91 Resp: 162622

Ion Ratio Lower Upper

91 100

92 59.7 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.298 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046734.D

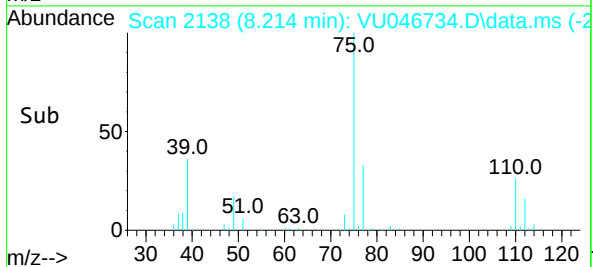
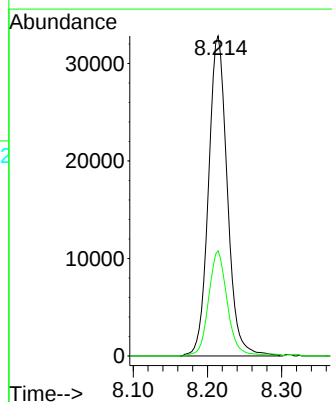
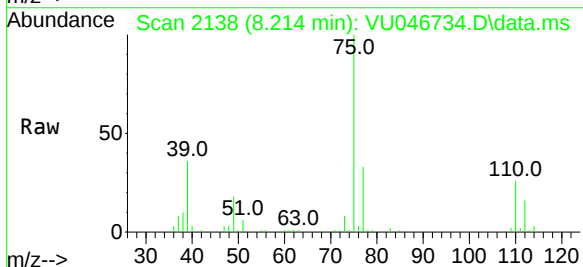
Acq: 12 Jan 2022 11:11

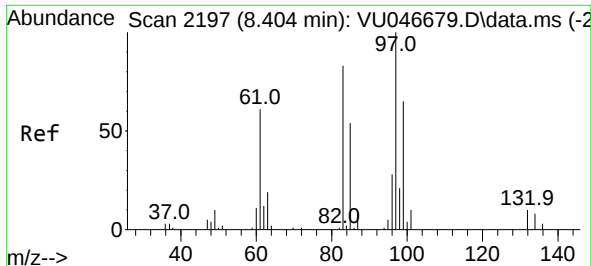
Tgt Ion: 75 Resp: 57746

Ion Ratio Lower Upper

75 100

77 32.8 22.7 42.3

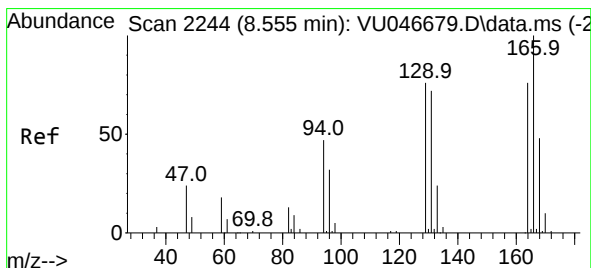
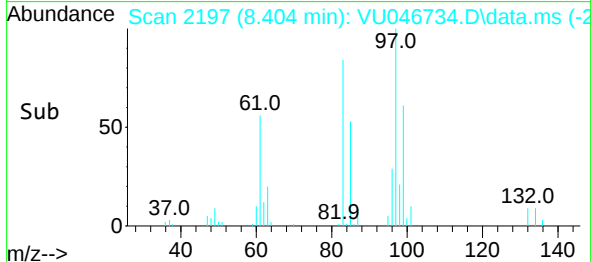
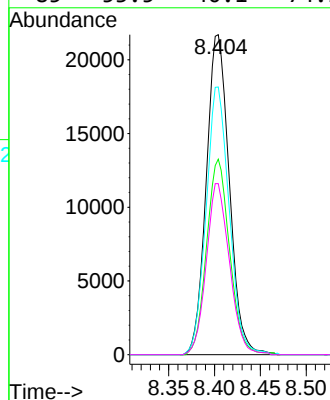
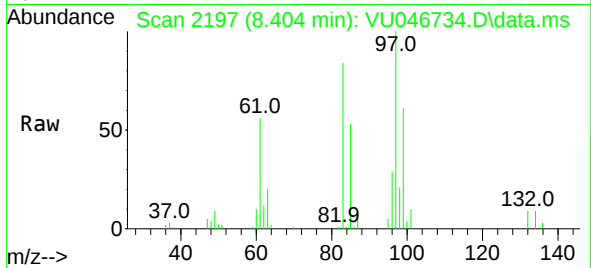




#45
1,1,2-Trichloroethane
Concen: 5.655 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

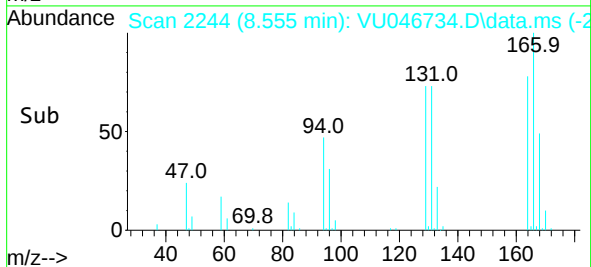
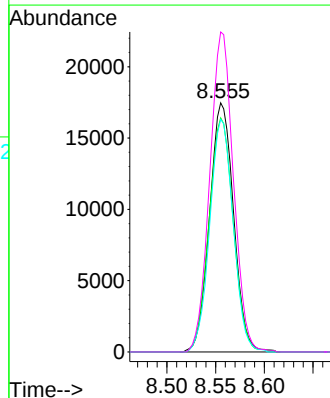
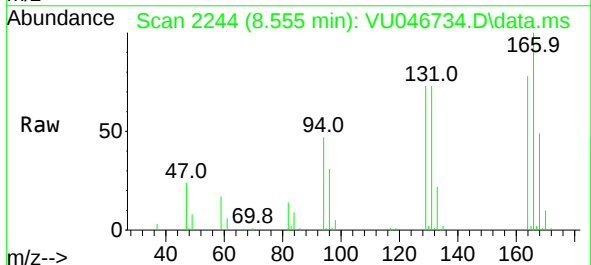
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

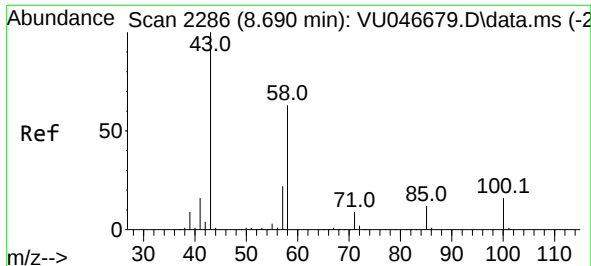
Tgt Ion:	97	Resp:	37892
Ion	Ratio	Lower	Upper
97	100		
99	61.1	42.3	78.5
83	83.6	62.0	115.2
85	53.5	40.1	74.5



#47
Tetrachloroethene
Concen: 5.273 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion:	164	Resp:	29960
Ion	Ratio	Lower	Upper
164	100		
129	94.0	71.8	133.4
131	93.4	68.5	127.3
166	128.4	94.1	174.8



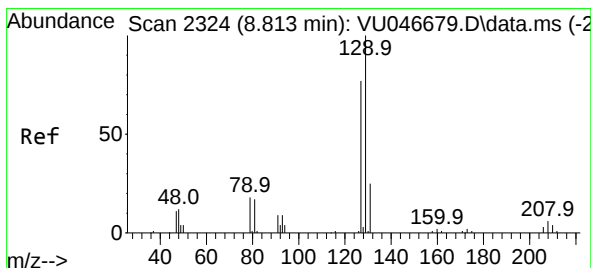
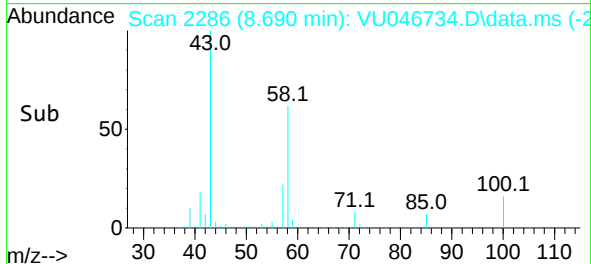
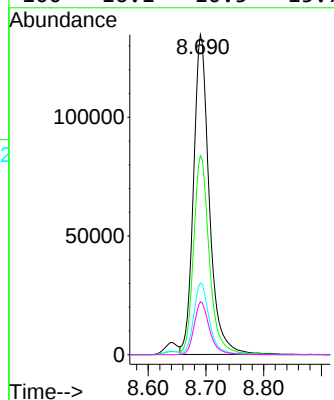
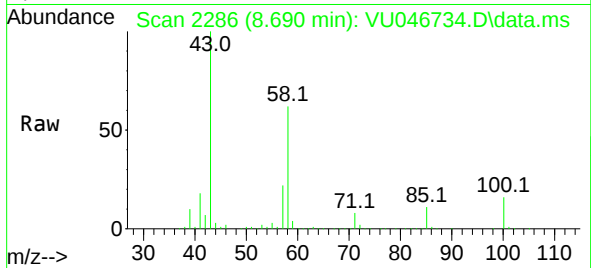


#48
2-Hexanone
Concen: 58.614 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

Tgt Ion: 43 Resp: 255312

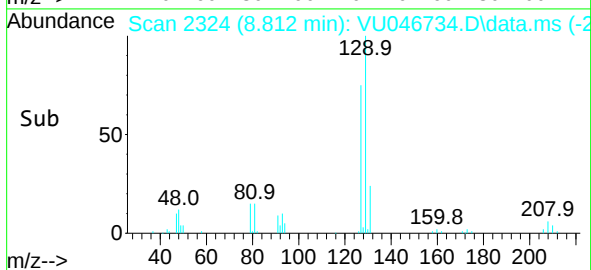
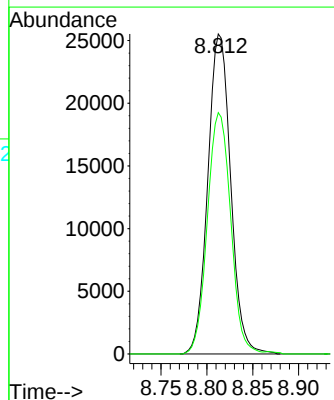
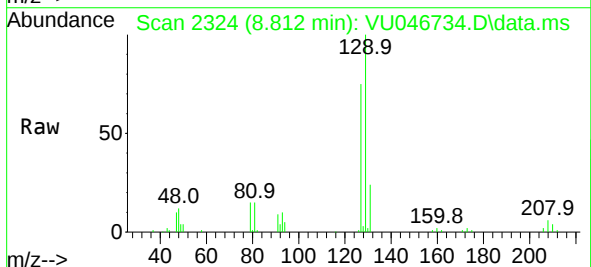
Ion	Ratio	Lower	Upper
43	100		
58	61.3	46.7	70.1
57	22.5	16.3	24.5
100	16.1	10.5	15.7

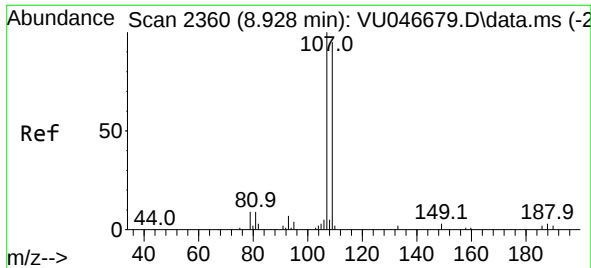


#49
Dibromochloromethane
Concen: 5.734 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion: 129 Resp: 44320

Ion	Ratio	Lower	Upper
129	100		
127	75.4	55.4	102.8

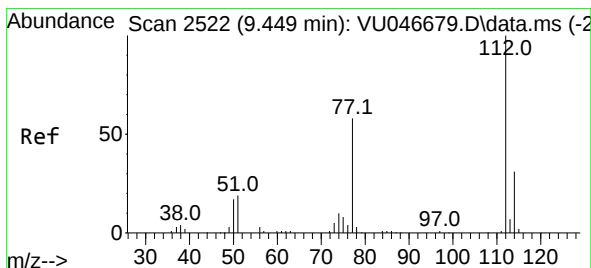
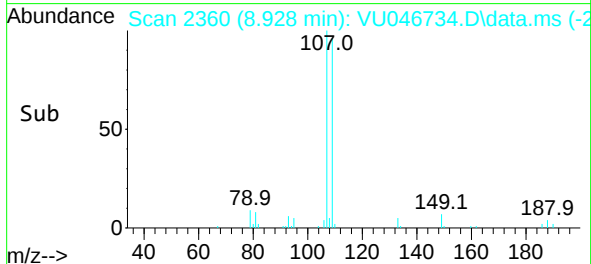
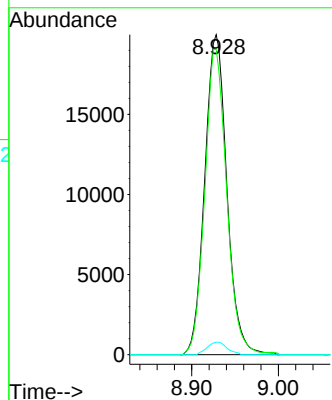
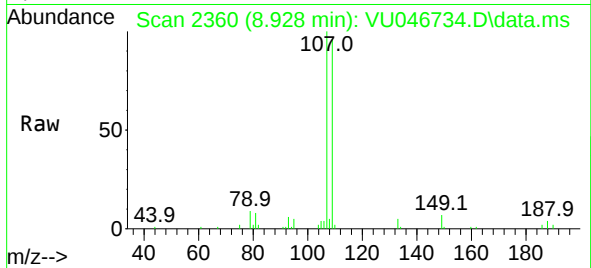




#50
1,2-Dibromoethane
Concen: 5.490 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

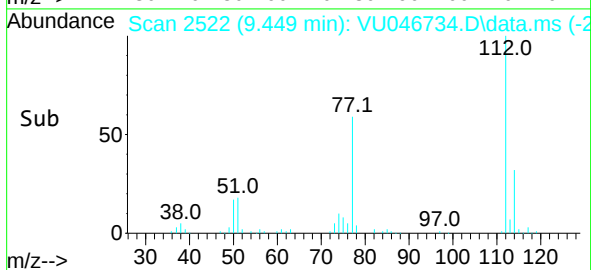
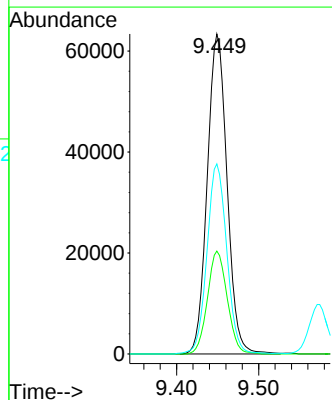
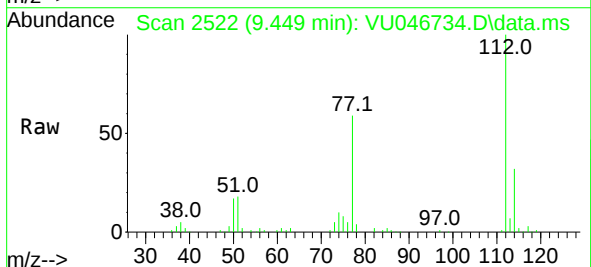
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

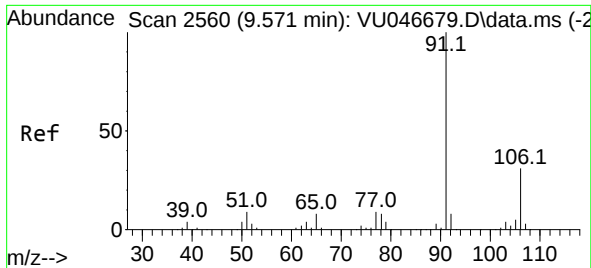
Tgt Ion:107 Resp: 35511
Ion Ratio Lower Upper
107 100
109 95.5 64.0 119.0
188 3.9 2.4 3.6#



#51
Chlorobenzene
Concen: 5.318 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion:112 Resp: 106274
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 59.4 48.3 72.5

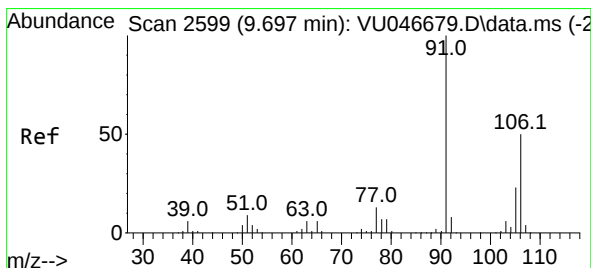
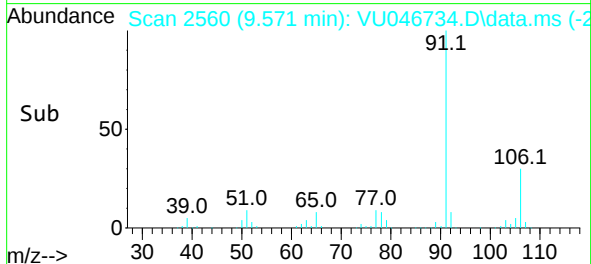
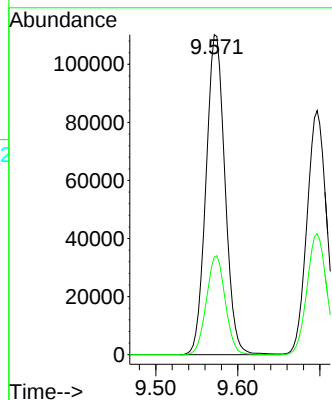
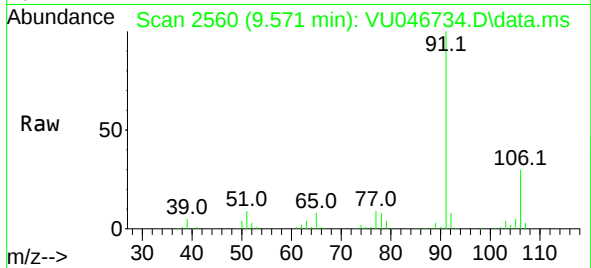




#52
Ethylbenzene
Concen: 5.472 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

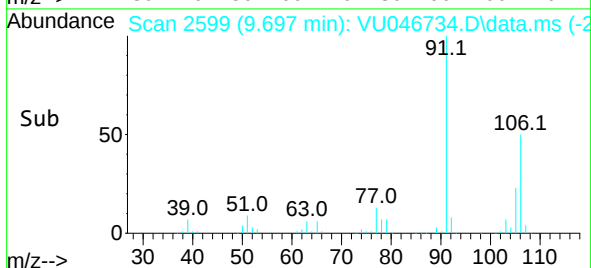
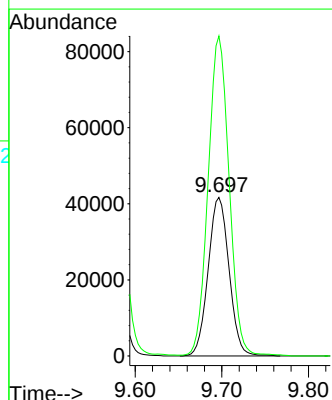
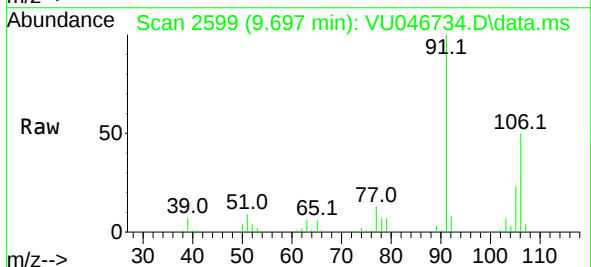
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

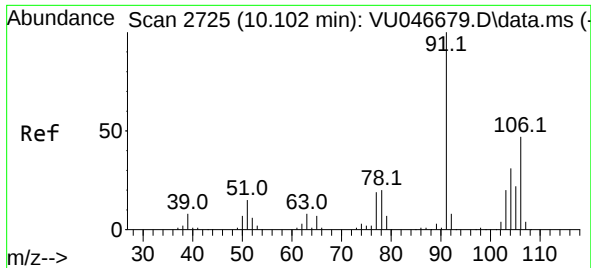
Tgt Ion: 91 Resp: 177101
Ion Ratio Lower Upper
91 100
106 30.5 21.5 39.9



#53
m,p-Xylene
Concen: 5.635 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion: 106 Resp: 69868
Ion Ratio Lower Upper
106 100
91 201.8 139.4 259.0

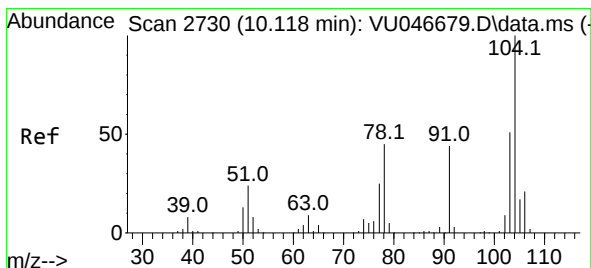
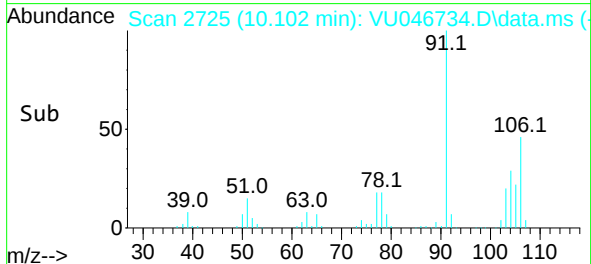
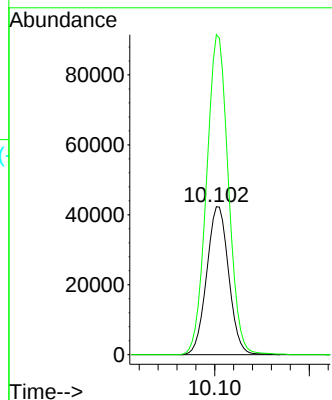
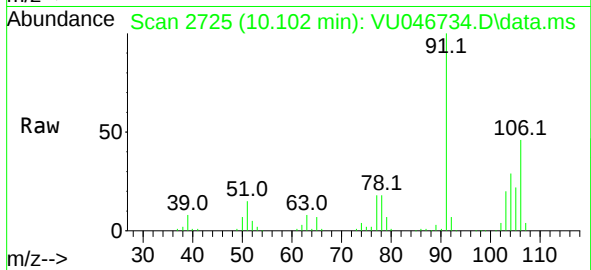




#54
o-Xylene
Concen: 5.742 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

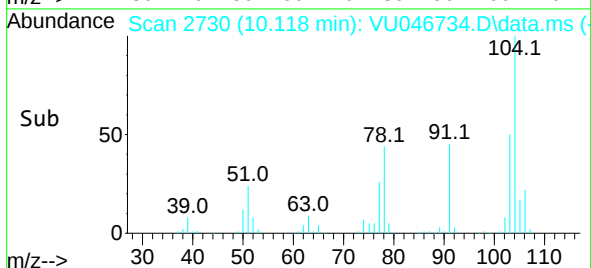
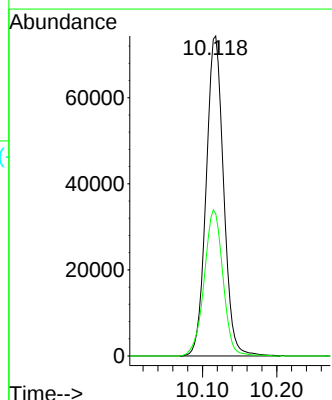
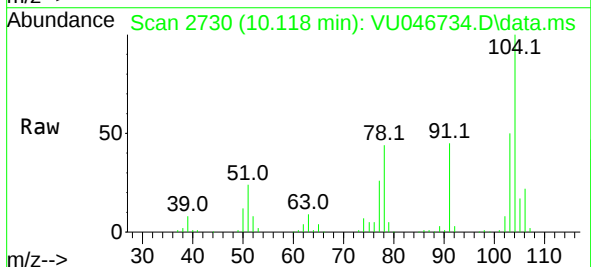
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

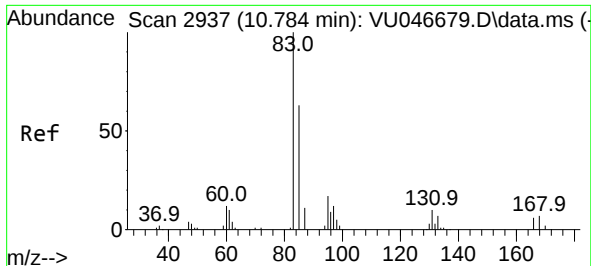
Tgt Ion:106 Resp: 68410
Ion Ratio Lower Upper
106 100
91 216.1 147.5 273.9



#55
Styrene
Concen: 5.854 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion:104 Resp: 120963
Ion Ratio Lower Upper
104 100
78 44.5 33.0 61.4

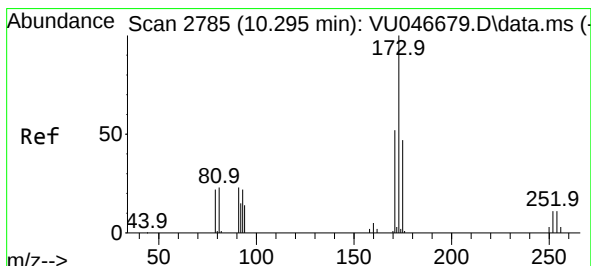
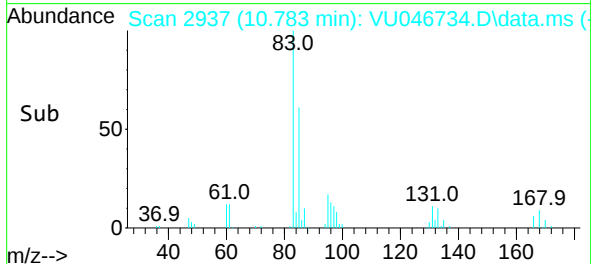
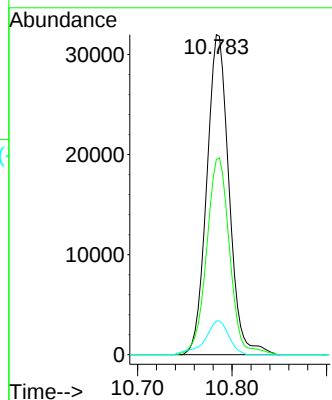
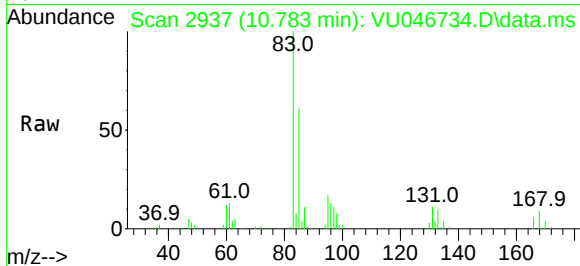




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.968 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VU046734.D
 Acq: 12 Jan 2022 11:11

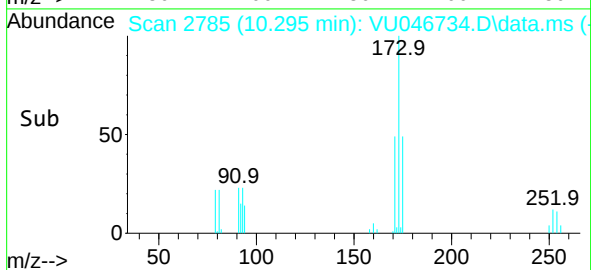
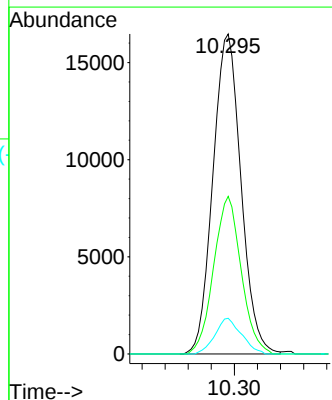
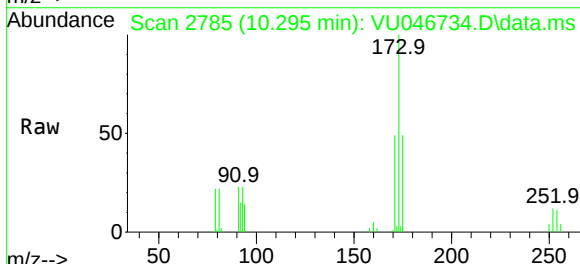
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

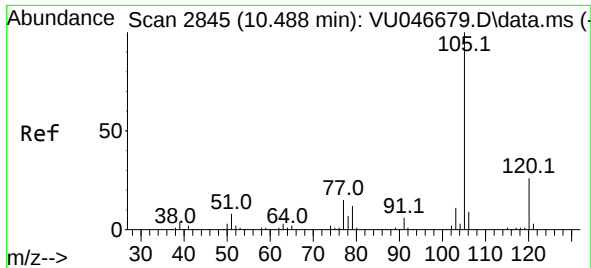
Tgt Ion: 83 Resp: 52260
 Ion Ratio Lower Upper
 83 100
 85 61.0 47.9 89.1
 131 10.5 8.1 12.1



#59
 Bromoform
 Concen: 5.425 ug/L
 RT: 10.295 min Scan# 2785
 Delta R.T. 0.003 min
 Lab File: VU046734.D
 Acq: 12 Jan 2022 11:11

Tgt Ion: 173 Resp: 27799
 Ion Ratio Lower Upper
 173 100
 175 48.2 37.8 56.6
 254 10.5 7.3 10.9

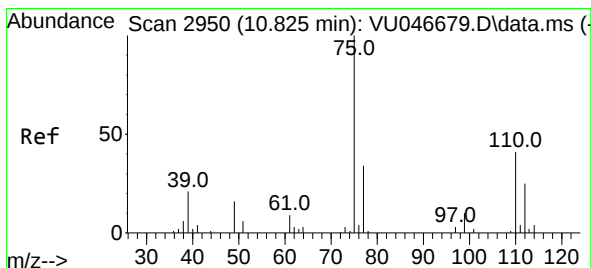
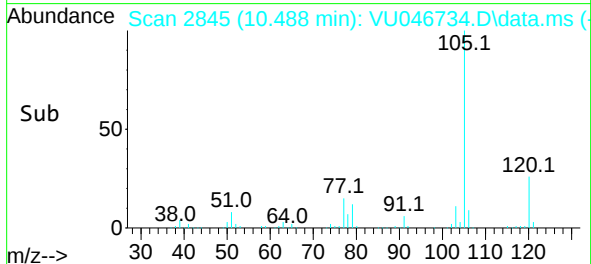
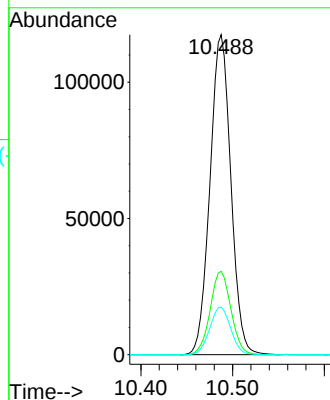
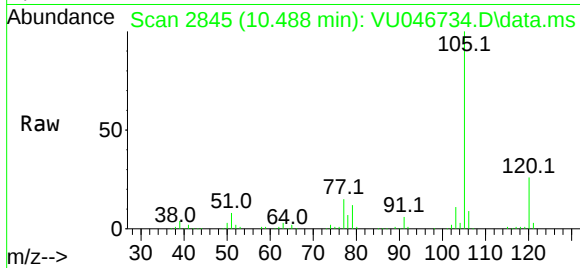




#60
Isopropylbenzene
Concen: 5.423 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

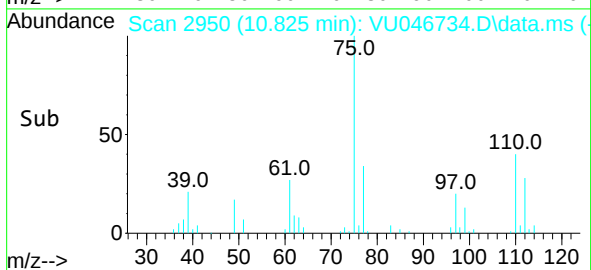
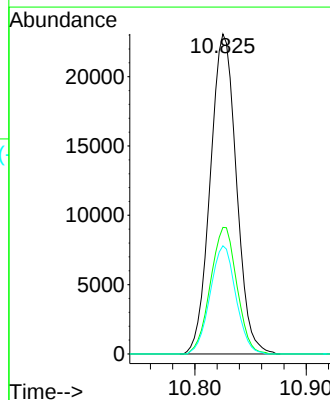
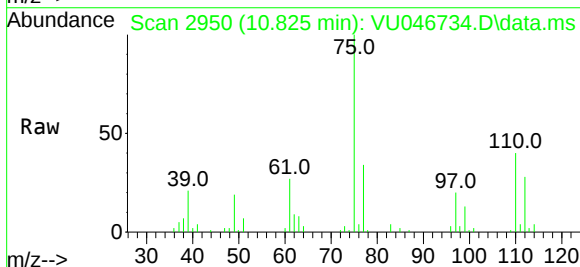
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

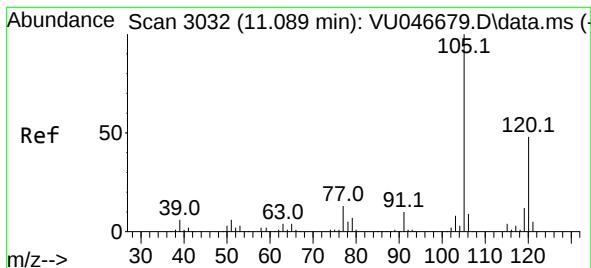
Tgt Ion:105 Resp: 185474
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.100 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion: 75 Resp: 37570
Ion Ratio Lower Upper
75 100
110 40.1 29.9 44.9
77 33.3 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.317 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU046734.D

Acq: 12 Jan 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

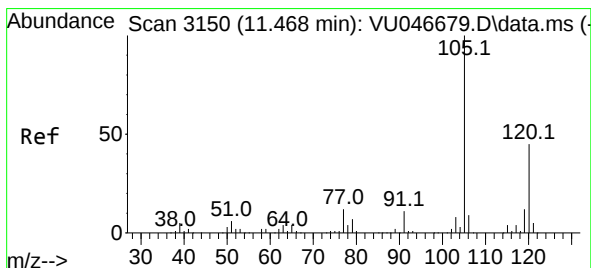
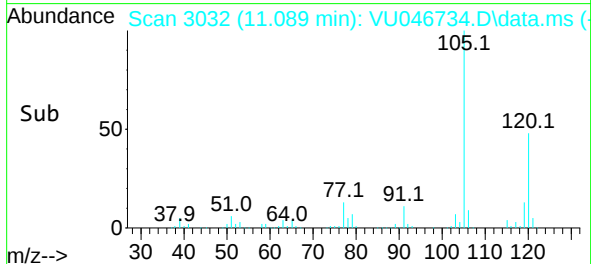
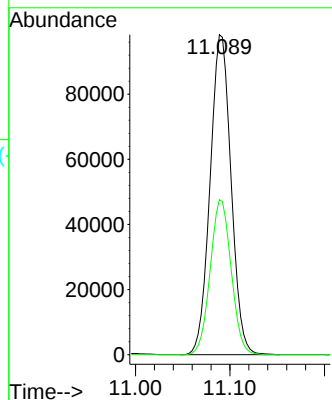
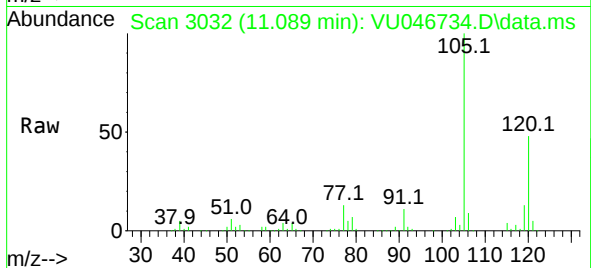
VSTD005146

Tgt Ion:105 Resp: 151257

Ion Ratio Lower Upper

105 100

120 48.4 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.531 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU046734.D

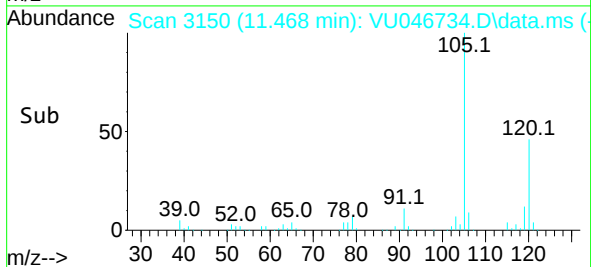
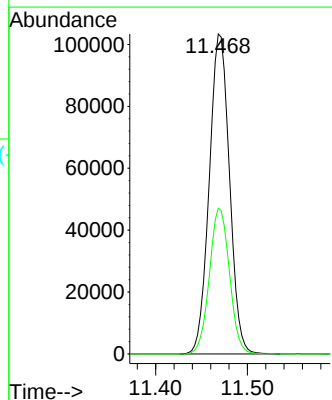
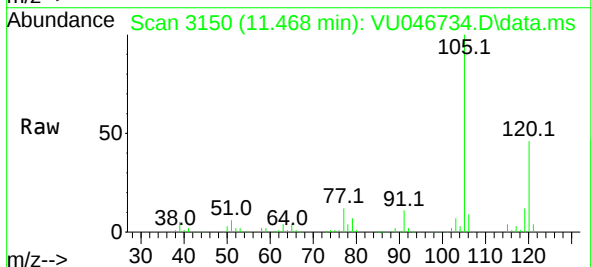
Acq: 12 Jan 2022 11:11

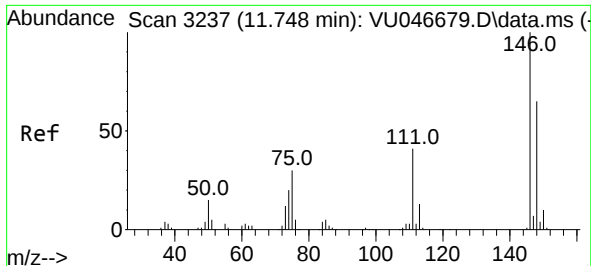
Tgt Ion:105 Resp: 158440

Ion Ratio Lower Upper

105 100

120 45.2 35.8 53.8

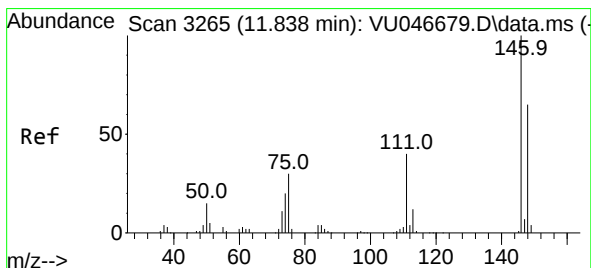
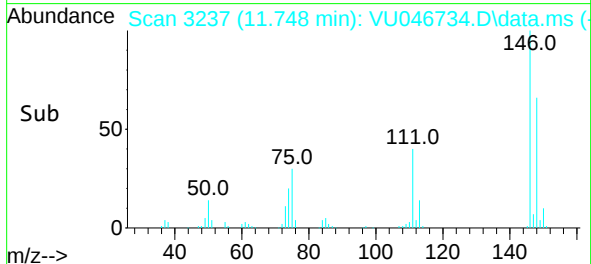
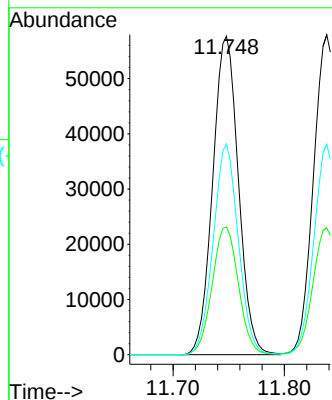
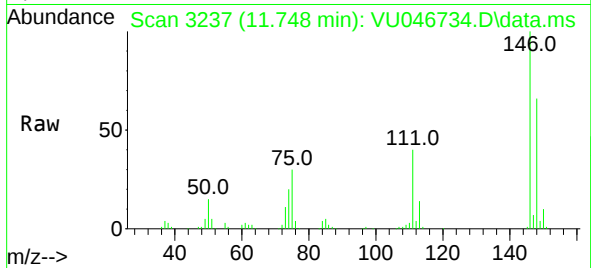




#64
1,3-Dichlorobenzene
Concen: 5.559 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

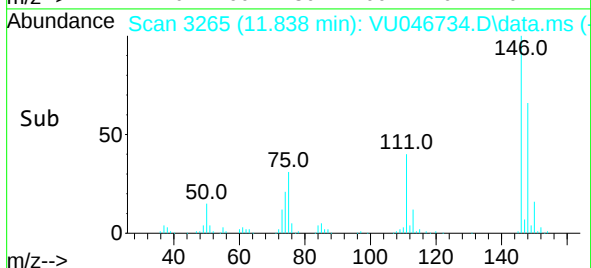
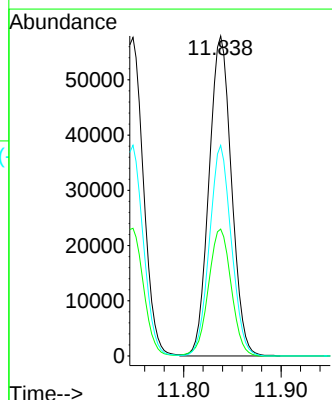
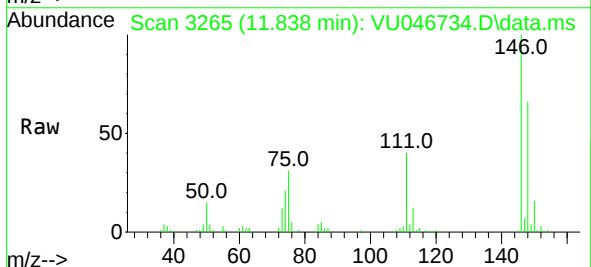
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

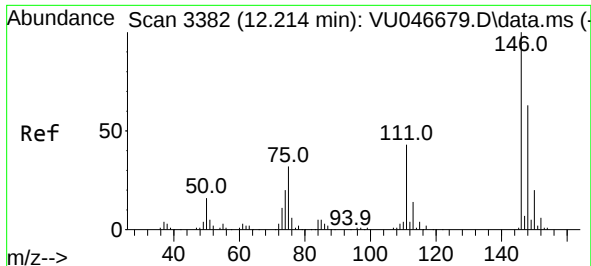
Tgt Ion:146 Resp: 92429
Ion Ratio Lower Upper
146 100
111 40.1 29.9 55.5
148 66.2 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.462 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion:146 Resp: 92973
Ion Ratio Lower Upper
146 100
111 39.7 28.7 53.3
148 65.8 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.502 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU046734.D

Acq: 12 Jan 2022 11:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD005146

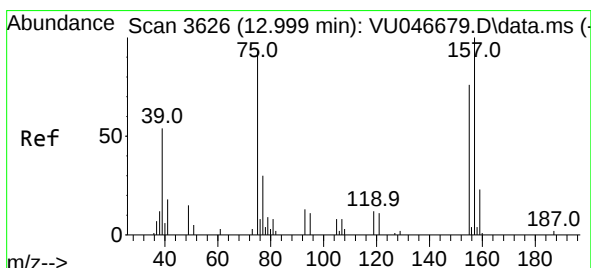
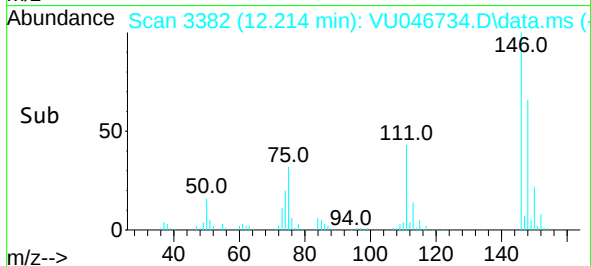
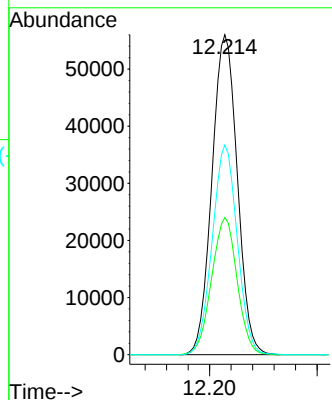
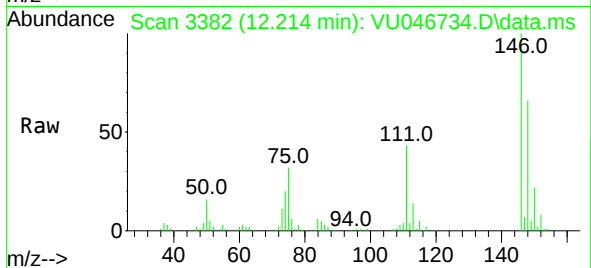
Tgt Ion:146 Resp: 91754

Ion Ratio Lower Upper

146 100

111 42.9 35.4 53.0

148 65.6 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.136 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU046734.D

Acq: 12 Jan 2022 11:11

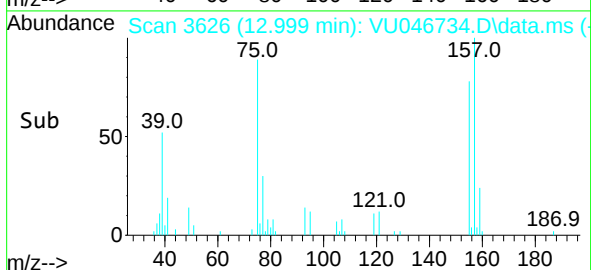
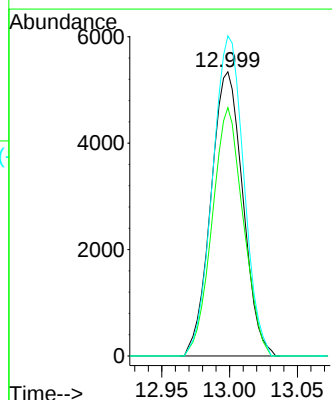
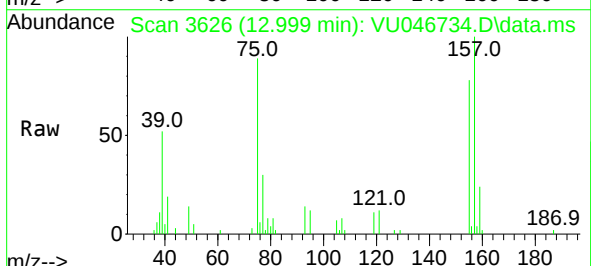
Tgt Ion: 75 Resp: 8757

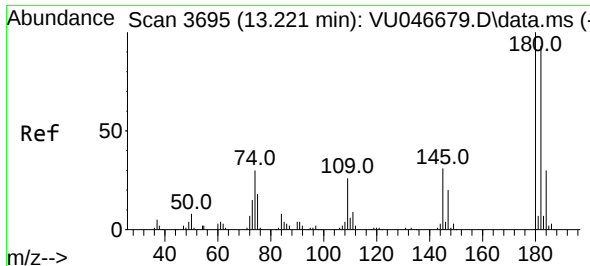
Ion Ratio Lower Upper

75 100

155 87.4 59.2 88.8

157 112.6 76.5 114.7

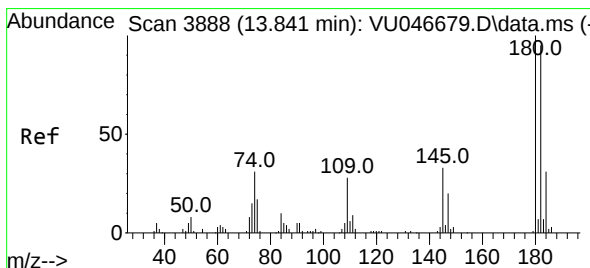
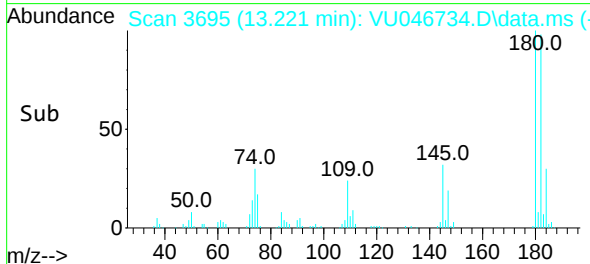
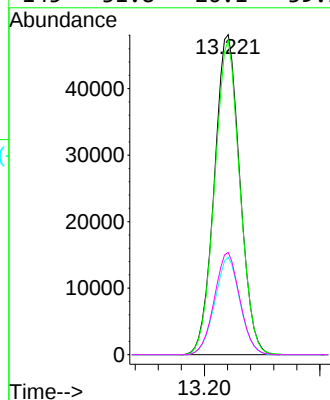
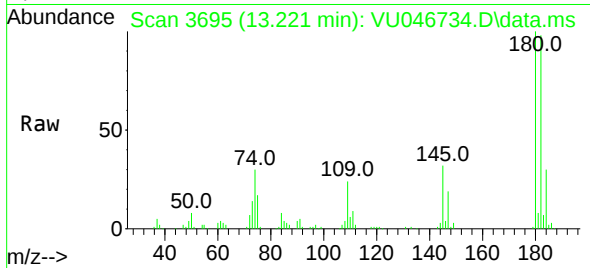




#69
1,3,5-Trichlorobenzene
Concen: 5.855 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

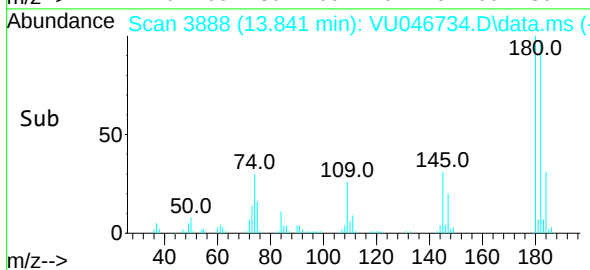
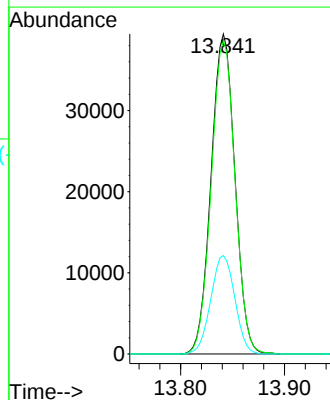
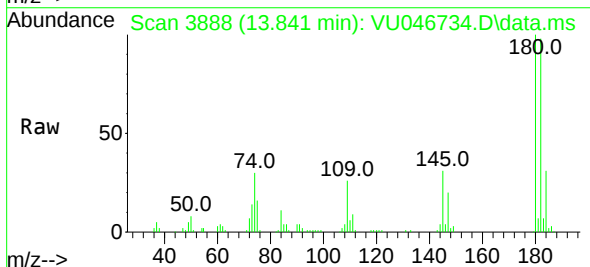
Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

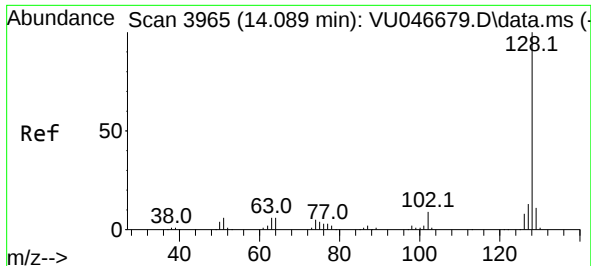
Tgt Ion:	180	Resp:	73678
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.1	114.1
184	30.1	25.0	37.4
145	31.8	26.1	39.1



#70
1,2,4-trichlorobenzene
Concen: 5.896 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion:	180	Resp:	62839
Ion Ratio	Lower	Upper	
180	100		
182	97.4	76.4	114.6
145	31.0	25.6	38.4

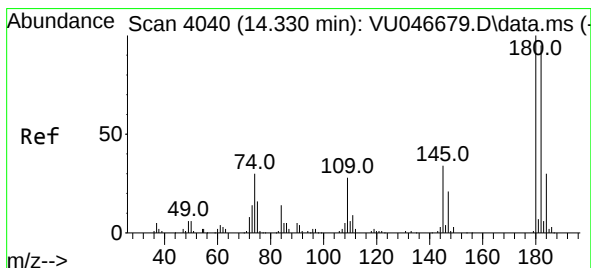
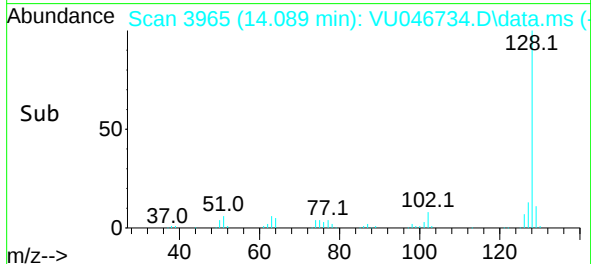
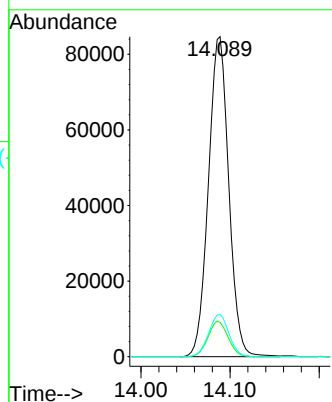
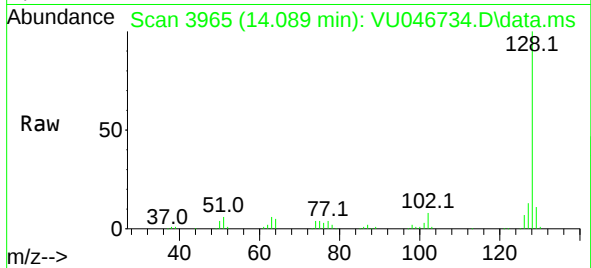




#71
Naphthalene
Concen: 5.663 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

Tgt Ion:128 Resp: 134037
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.919 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046734.D
Acq: 12 Jan 2022 11:11

Tgt Ion:180 Resp: 62452
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.4
145 33.0 28.4 42.6

