

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046906.D
 Acq On : 28 Jan 2022 20:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005177

Quant Time: Jan 29 00:44:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 00:38:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101002	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	113324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58678	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33397	3.902	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.919	69	32372	4.801	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.571	65	15222	4.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.642	46	115756	45.655	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.300%
24) Chloroform-d	5.066	84	80114	5.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	5.706	65	42809	5.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.729	84	149375	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.693	67	48732	4.873	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.899	98	131434	4.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.182	79	17770	4.046	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.635	63	114446	44.011	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	48084	4.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	47280	4.297	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	52775	5.555	ug/L	98
3) Chloromethane	1.526	50	51778	6.618	ug/L	98
5) Vinyl chloride	1.607	62	50222	6.166	ug/L	99
6) Bromomethane	1.864	94	29749	5.837	ug/L	97
8) Chloroethane	1.938	64	30357	6.475	ug/L	99
9) Trichlorofluoromethane	2.144	101	62510	6.298	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	33774	5.723	ug/L	98
12) 1,1-Dichloroethene	2.584	96	33860	6.004	ug/L	85
13) Acetone	2.658	43	51474	37.327	ug/L	98
14) Carbon disulfide	2.800	76	103906	5.610	ug/L	100
15) Methyl Acetate	2.964	43	16508	5.480	ug/L	99
16) Methylene chloride	3.050	84	38875	5.708	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	76029	4.805	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	34044	5.573	ug/L	94
19) 1,1-Dichloroethane	3.877	63	63946	6.236	ug/L	98
21) 2-Butanone	4.722	43	88570	39.936	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	35749	5.548	ug/L	99
23) Bromochloromethane	4.980	128	16961	5.350	ug/L	98
25) Chloroform	5.092	83	68658	4.218	ug/L	94

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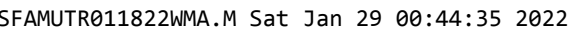
Instrument :
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 ClientSampleId :
 VSTD005177

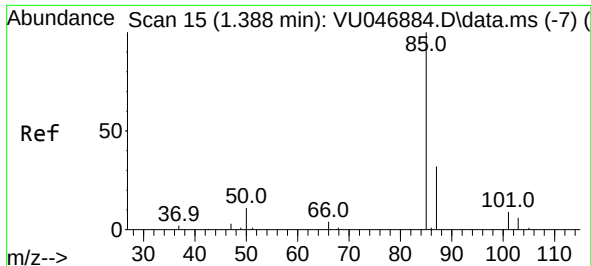
Quant Time: Jan 29 00:44:28 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	43503	6.055	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	56604	5.546	ug/L	99
30) Cyclohexane	5.394	56	49477	4.779	ug/L	100
31) Carbon tetrachloride	5.526	117	48607	5.550	ug/L	98
33) Benzene	5.777	78	146826	5.503	ug/L	100
34) Trichloroethene	6.546	95	36483	5.267	ug/L	97
35) Methylcyclohexane	6.767	83	50578	4.359	ug/L	96
37) 1,2-Dichloropropane	6.793	63	37473	5.725	ug/L	99
38) Bromodichloromethane	7.108	83	46316	4.917	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	48672	4.766	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	233964	48.759	ug/L	98
42) Toluene	7.970	91	153010	4.798	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	43941	4.830	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	29409	5.281	ug/L	95
47) Tetrachloroethene	8.555	164	26400	4.686	ug/L	95
48) 2-Hexanone	8.687	43	182140	50.289	ug/L	98
49) Dibromochloromethane	8.812	129	32439	4.939	ug/L	98
50) 1,2-Dibromoethane	8.925	107	27375	4.850	ug/L #	100
51) Chlorobenzene	9.449	112	93919	5.071	ug/L	98
52) Ethylbenzene	9.571	91	142847	4.711	ug/L	98
53) m,p-Xylene	9.697	106	57322	4.743	ug/L	98
54) o-Xylene	10.102	106	53800	4.592	ug/L	91
55) Styrene	10.118	104	94219	4.916	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	37676	5.031	ug/L	97
59) Bromoform	10.295	173	17931	4.962	ug/L	98
60) Isopropylbenzene	10.487	105	141221	5.166	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	27265	5.484	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	105308	4.694	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	107726	4.666	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	68400	5.007	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	68522	4.983	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	66547	5.036	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5653	5.478	ug/L	96
69) 1,3,5-Trichlorobenzene	13.220	180	46940	4.358	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	37131	4.123	ug/L	98
71) Naphthalene	14.089	128	72868	3.974	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	37917	4.458	ug/L	97

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

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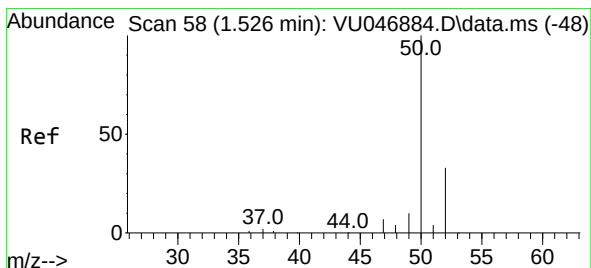
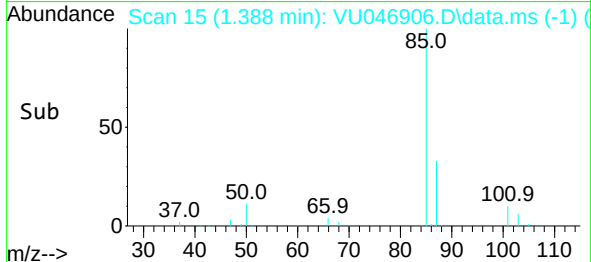
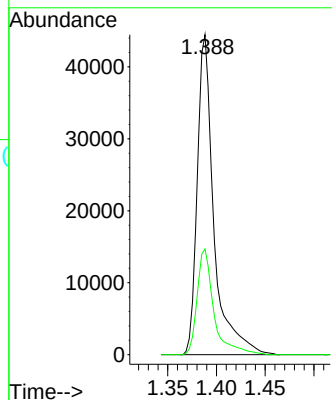
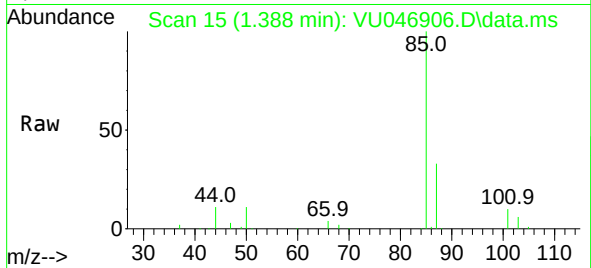




#2
 Dichlorodifluoromethane
 Concen: 5.555 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU046906.D
 Acq: 28 Jan 2022 20:40

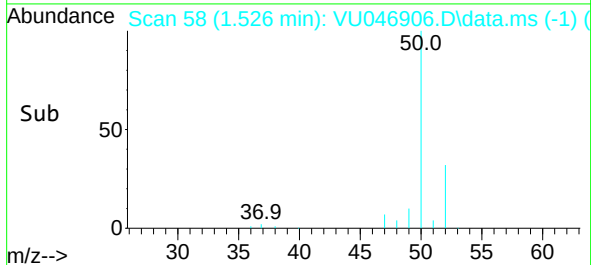
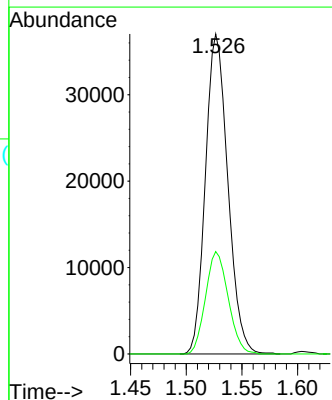
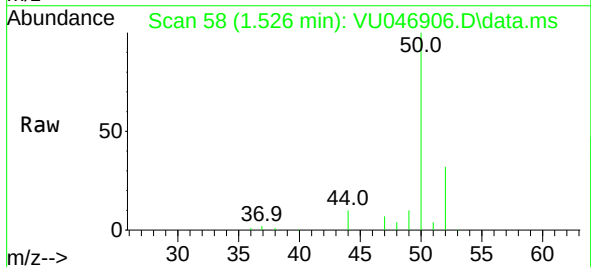
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005177

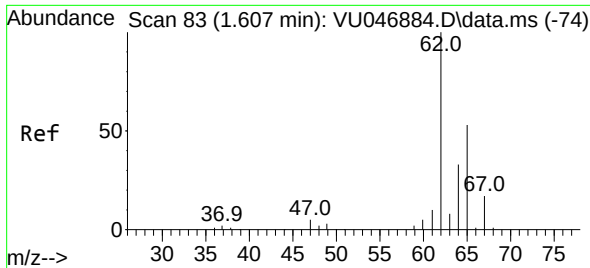
Tgt Ion: 85 Resp: 52775
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.8 38.6



#3
 Chloromethane
 Concen: 6.618 ug/L
 RT: 1.526 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: VU046906.D
 Acq: 28 Jan 2022 20:40

Tgt Ion: 50 Resp: 51778
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.0 42.8

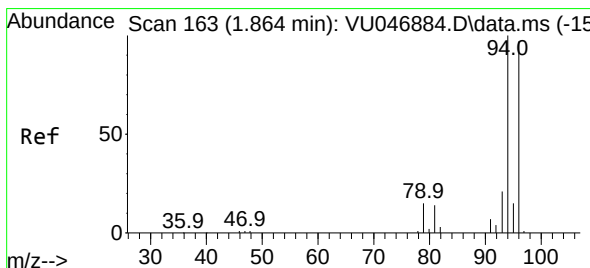
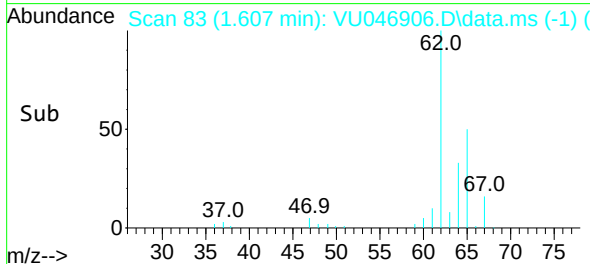
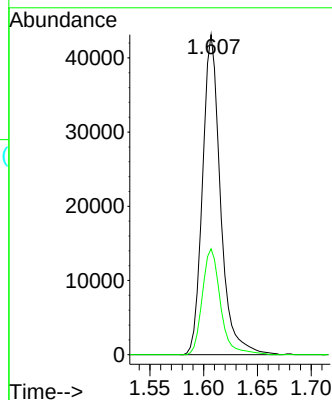
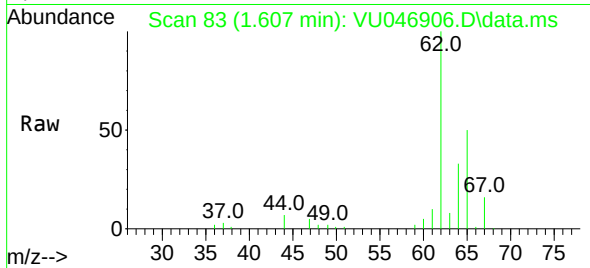




#5
 Vinyl chloride
 Concen: 6.166 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU046906.D
 Acq: 28 Jan 2022 20:40

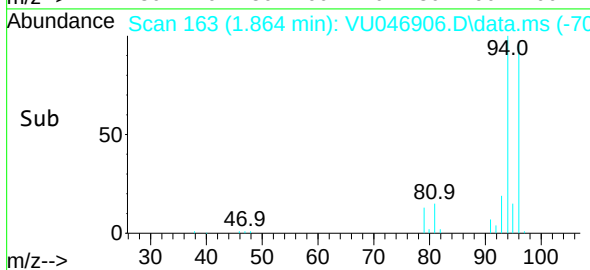
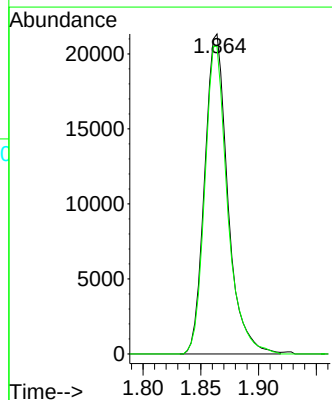
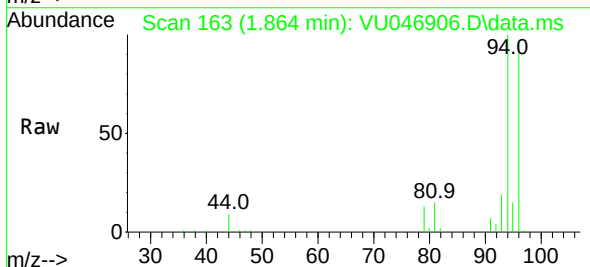
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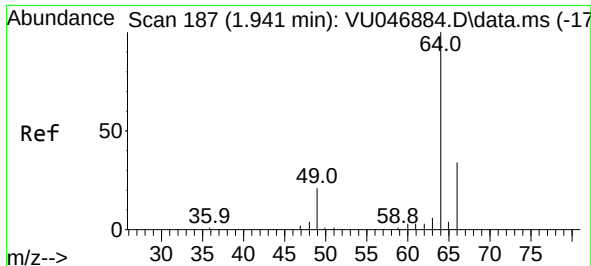
Tgt Ion: 62 Resp: 50222
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 5.837 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU046906.D
 Acq: 28 Jan 2022 20:40

Tgt Ion: 94 Resp: 29749
 Ion Ratio Lower Upper
 94 100
 96 96.1 65.5 121.6

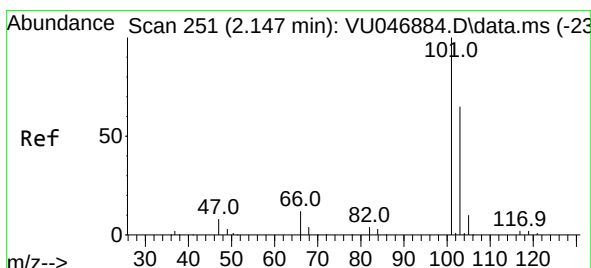
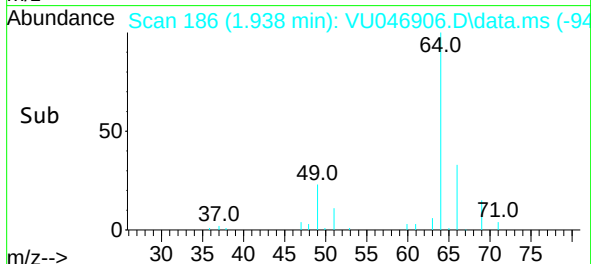
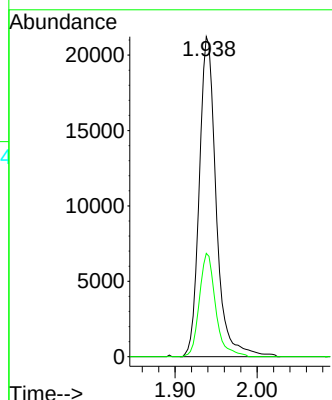
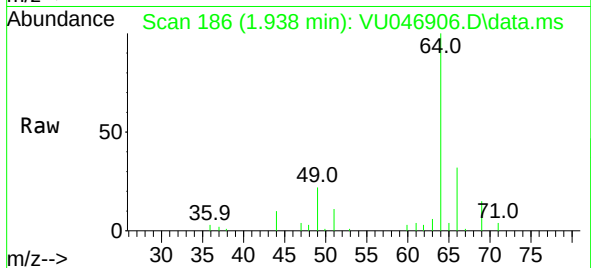




#8
Chloroethane
Concen: 6.475 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

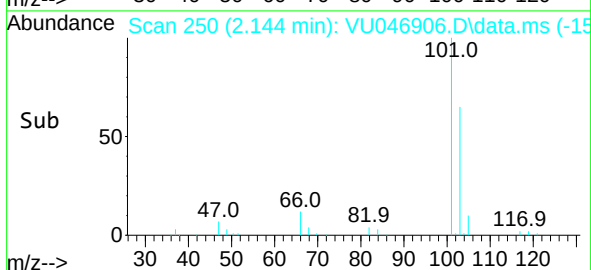
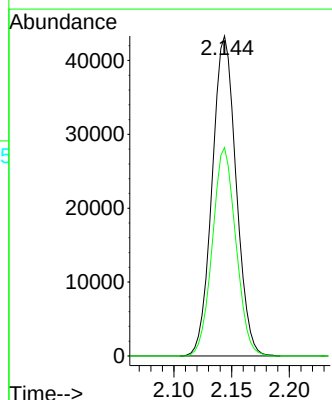
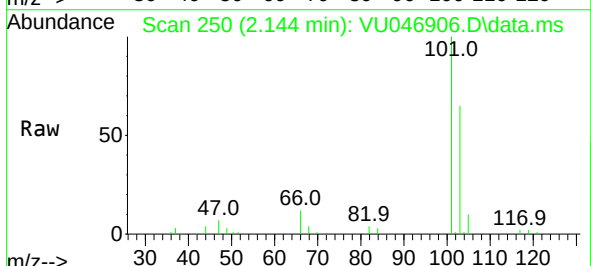
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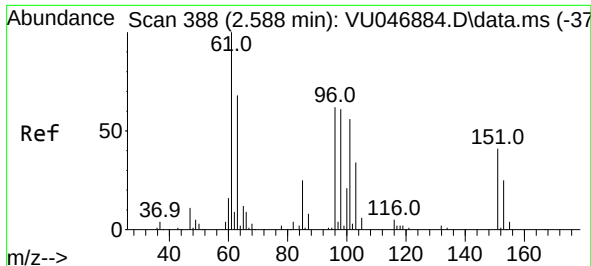
Tgt Ion: 64 Resp: 30357
Ion Ratio Lower Upper
64 100
66 32.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 6.298 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

Tgt Ion:101 Resp: 62510
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3





#10

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

Concen: 5.723 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU046906.D

Acq: 28 Jan 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD005177

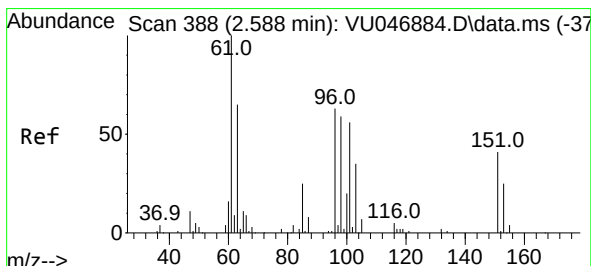
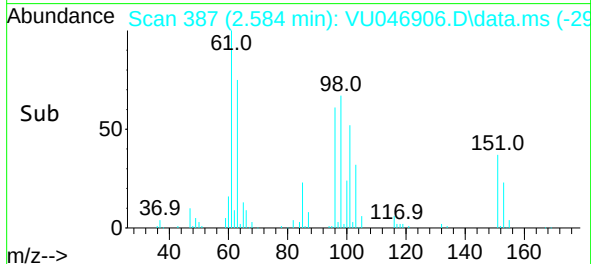
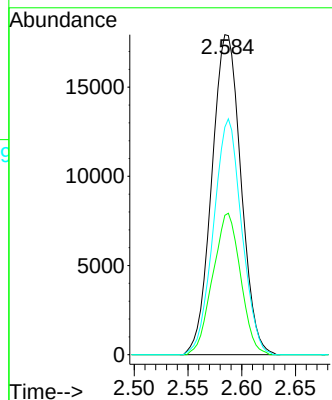
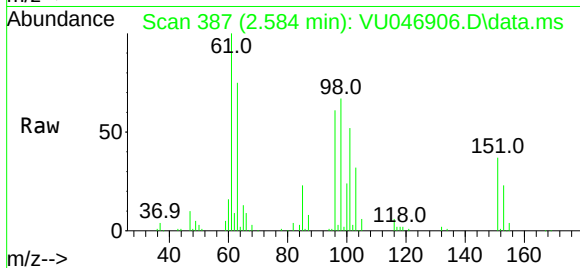
Tgt Ion:101 Resp: 33774

Ion Ratio Lower Upper

101 100

85 42.2 34.6 51.8

151 71.4 56.1 84.1



#12

1,1-Dichloroethene

Concen: 6.004 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU046906.D

Acq: 28 Jan 2022 20:40

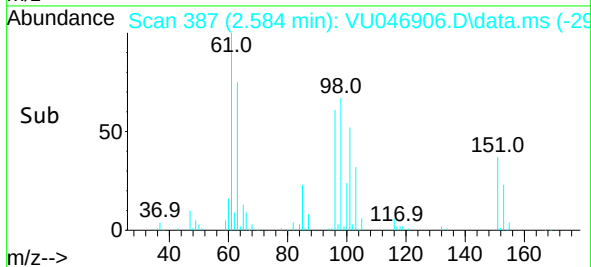
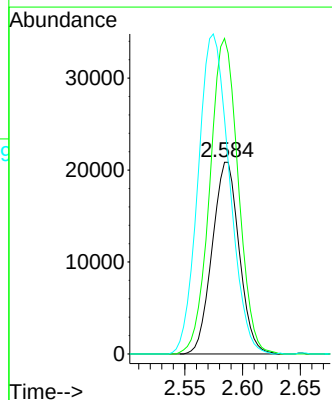
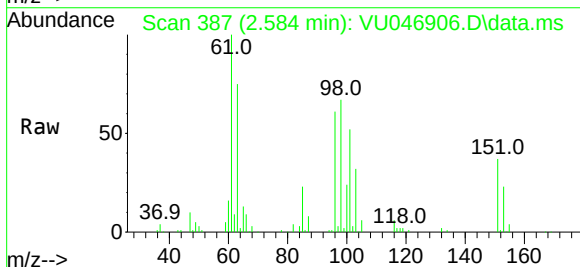
Tgt Ion: 96 Resp: 33860

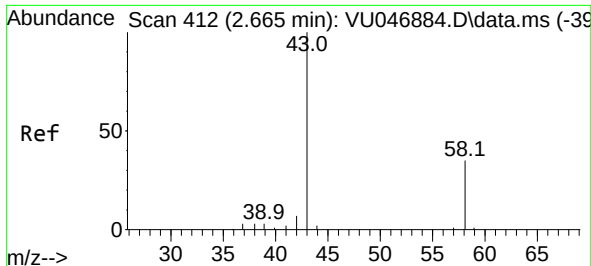
Ion Ratio Lower Upper

96 100

61 164.6 124.7 231.5

63 122.6 105.2 195.4





#13

Acetone

Concen: 37.327 ug/L

RT: 2.658 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU046906.D

Acq: 28 Jan 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

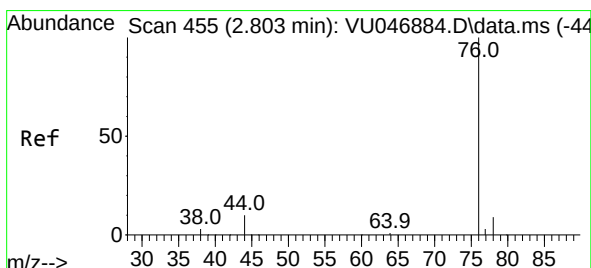
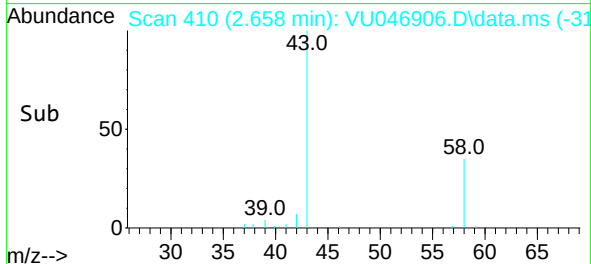
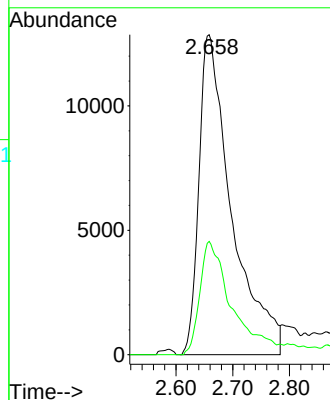
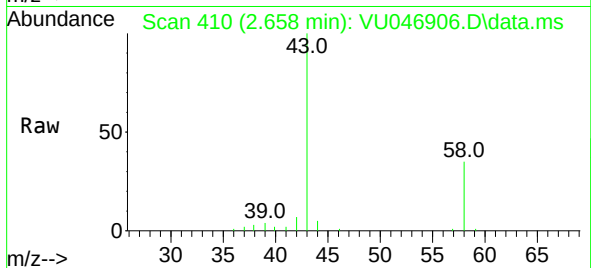
VSTD005177

Tgt Ion: 43 Resp: 51474

Ion Ratio Lower Upper

43 100

58 34.5 0.0 71.6



#14

Carbon disulfide

Concen: 5.610 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.003 min

Lab File: VU046906.D

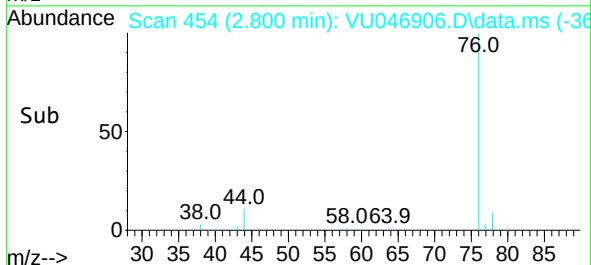
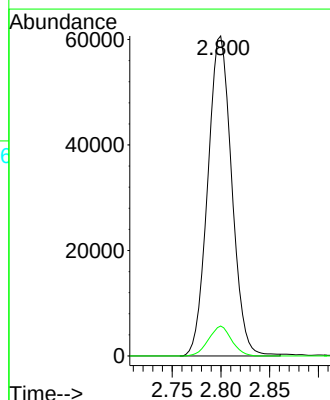
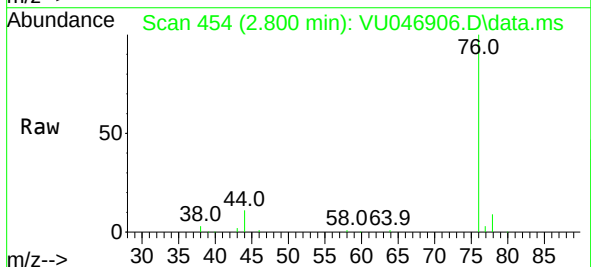
Acq: 28 Jan 2022 20:40

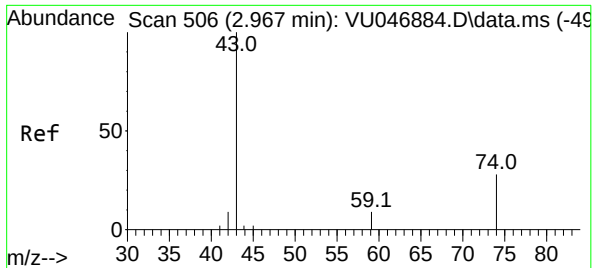
Tgt Ion: 76 Resp: 103906

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

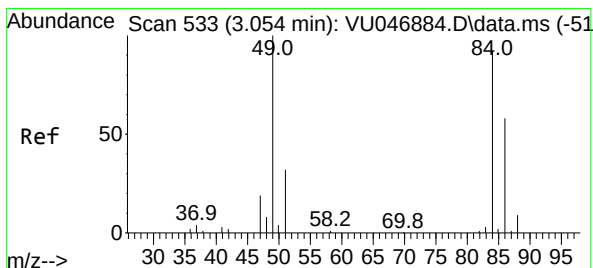
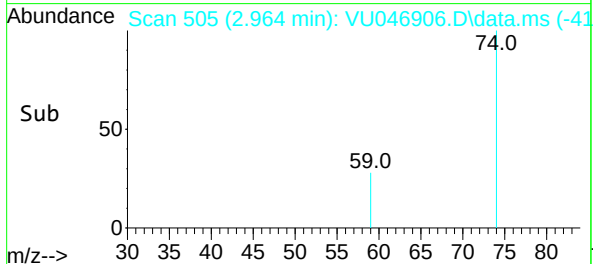
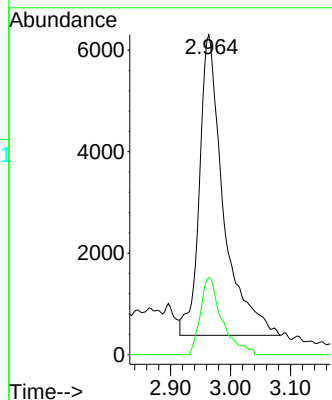
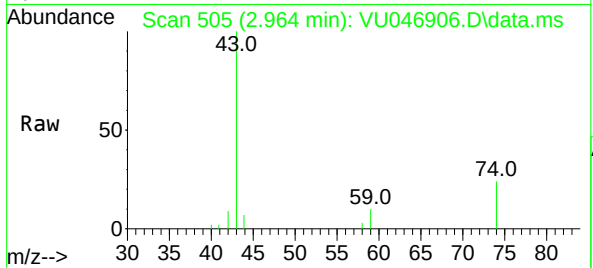




#15
Methyl Acetate
Concen: 5.480 ug/L
RT: 2.964 min Scan# 506
Delta R.T. -0.003 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

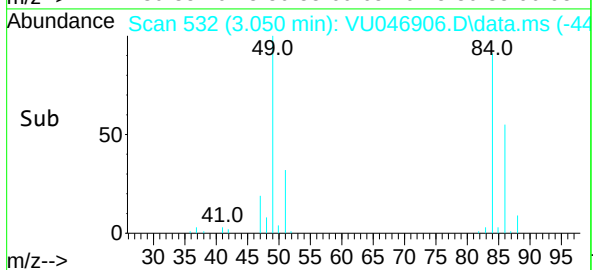
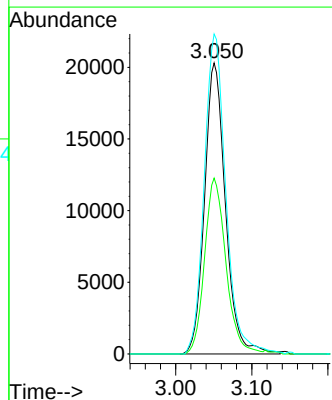
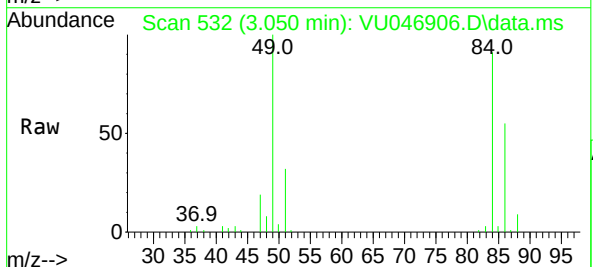
Instrument :
MSVOA_U
ClientSampleId :
VSTD005177

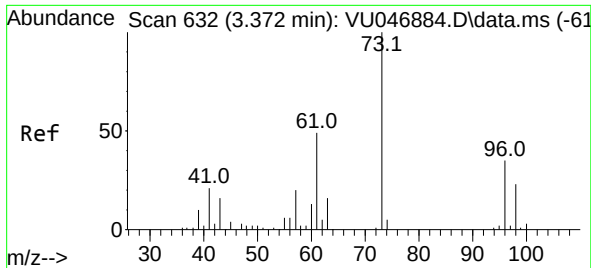
Tgt Ion: 43 Resp: 16508
Ion Ratio Lower Upper
43 100
74 23.2 19.1 28.7



#16
Methylene chloride
Concen: 5.708 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

Tgt Ion: 84 Resp: 38875
Ion Ratio Lower Upper
84 100
86 60.4 45.8 85.0
49 109.9 84.5 156.9

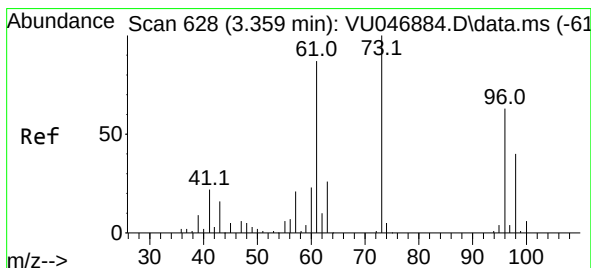
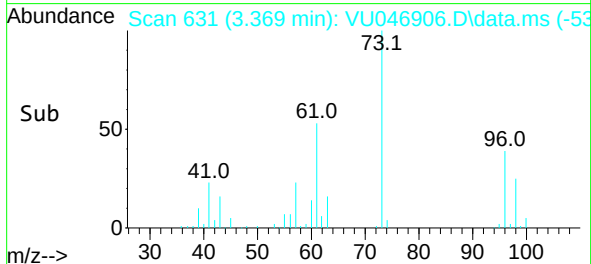
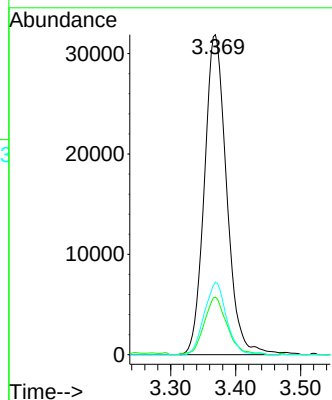
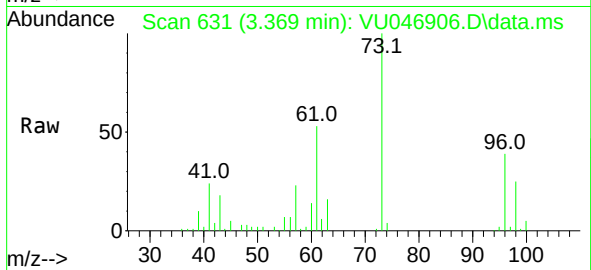




#17
Methyl tert-butyl Ether
Concen: 4.805 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

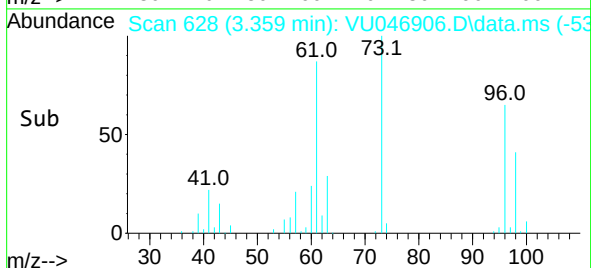
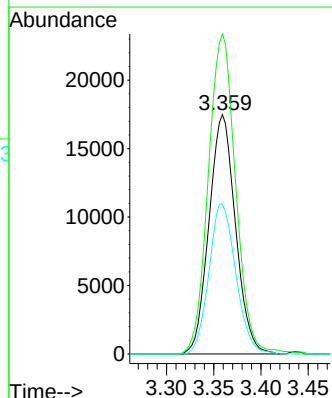
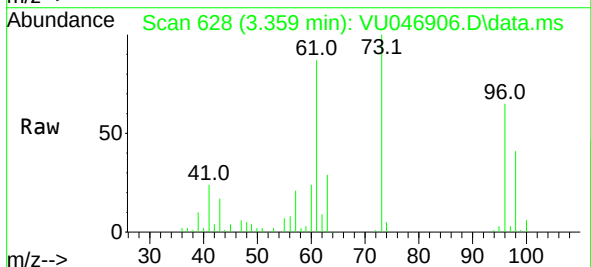
Instrument :
MSVOA_U
ClientSampleId :
VSTD005177

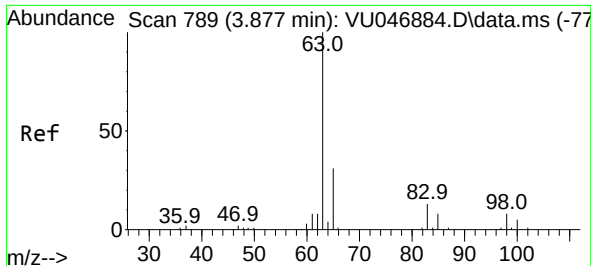
Tgt Ion: 73 Resp: 76029
Ion Ratio Lower Upper
73 100
43 18.6 14.8 22.2
57 22.4 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.573 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

Tgt Ion: 96 Resp: 34044
Ion Ratio Lower Upper
96 100
61 133.7 100.8 187.2
98 62.6 45.1 83.7





#19

1,1-Dichloroethane

Concen: 6.236 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU046906.D

Acq: 28 Jan 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD005177

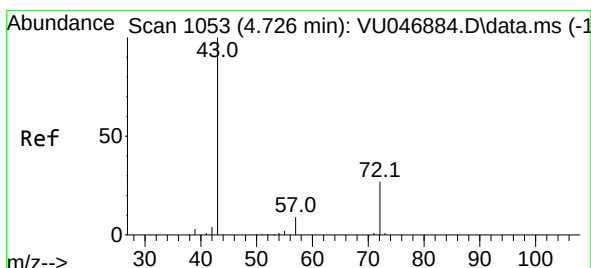
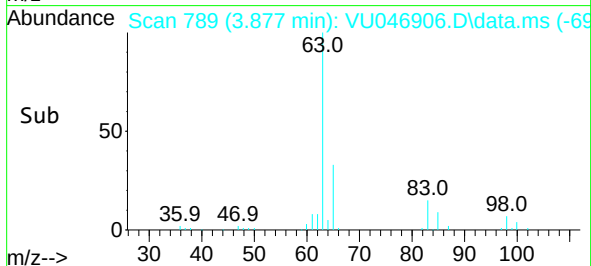
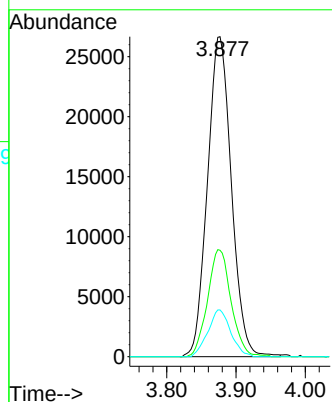
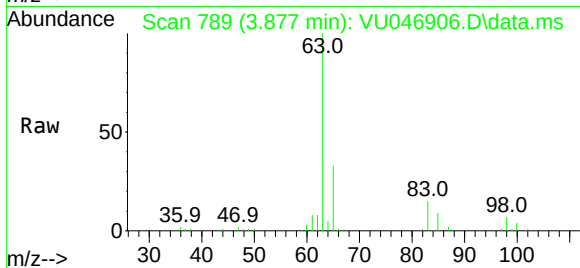
Tgt Ion: 63 Resp: 63946

Ion Ratio Lower Upper

63 100

65 33.3 22.3 41.5

83 14.6 9.6 17.8



#21

2-Butanone

Concen: 39.936 ug/L

RT: 4.722 min Scan# 1052

Delta R.T. -0.003 min

Lab File: VU046906.D

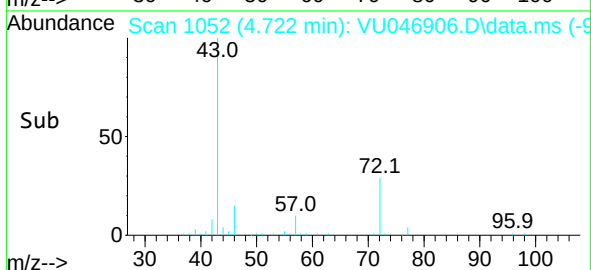
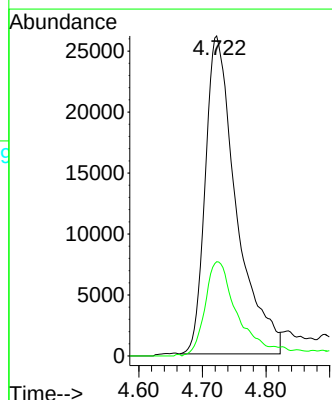
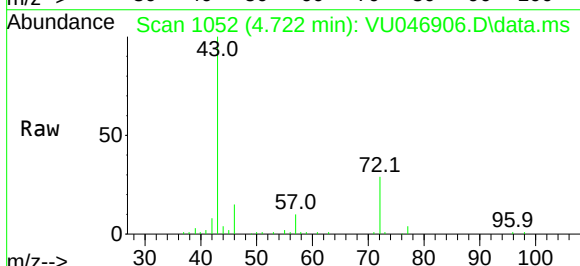
Acq: 28 Jan 2022 20:40

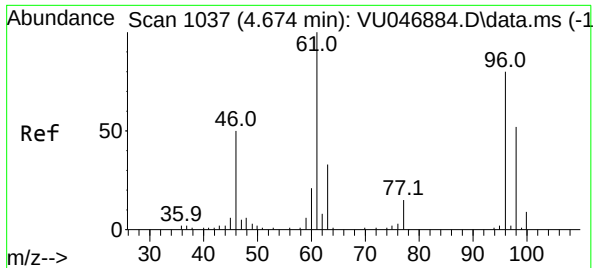
Tgt Ion: 43 Resp: 88570

Ion Ratio Lower Upper

43 100

72 29.9 14.1 42.3

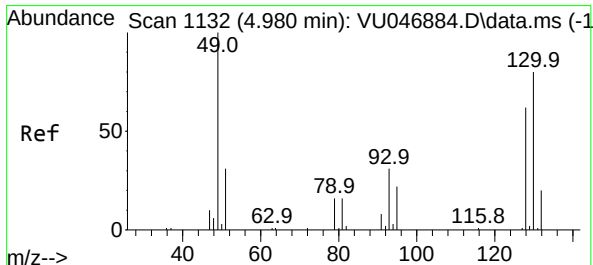
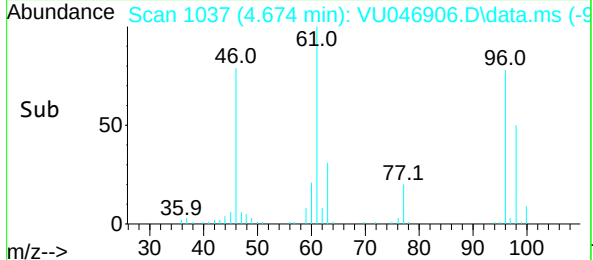
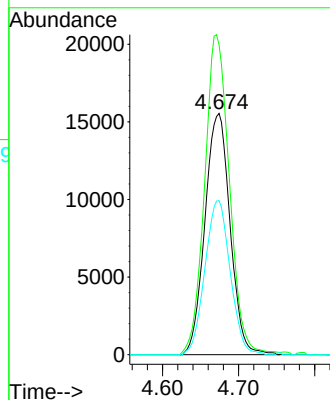
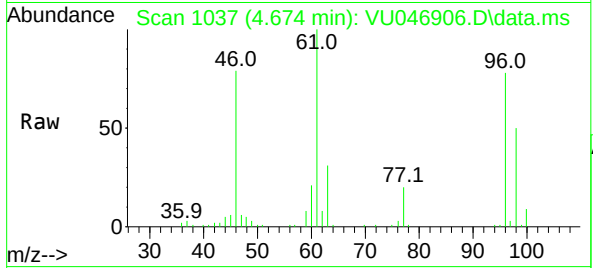




#22
cis-1,2-Dichloroethene
Concen: 5.548 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

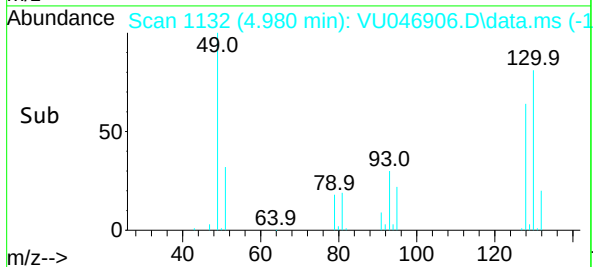
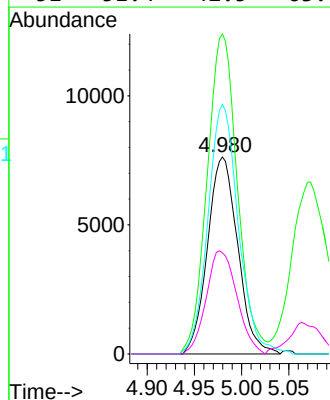
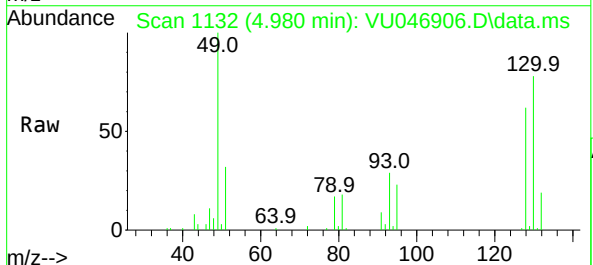
Instrument :
MSVOA_U
ClientSampleId :
VSTD005177

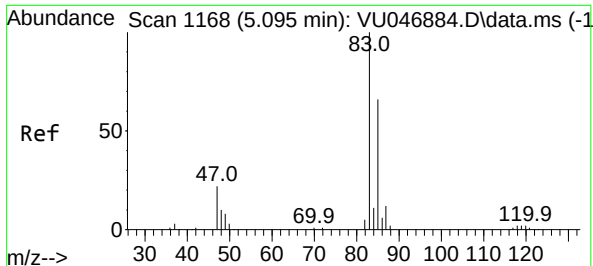
Tgt Ion: 96	Resp:	35749	
Ion	Ratio	Lower	Upper
96	100		
61	128.5	88.5	164.3
98	63.9	44.4	82.5



#23
Bromochloromethane
Concen: 5.350 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

Tgt	Ion:128	Resp:	16961
Ion	Ratio	Lower	Upper
128	100		
49	162.4	117.0	217.2
130	126.7	88.2	163.8
51	51.4	42.5	63.7





#25

Chloroform

Concen: 4.218 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU046906.D

Acq: 28 Jan 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

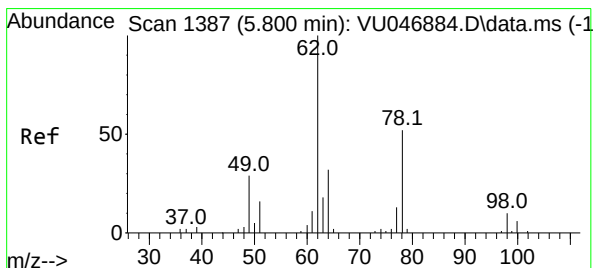
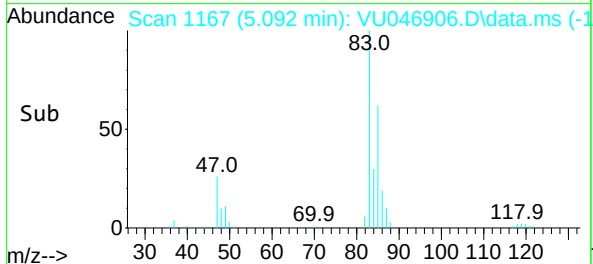
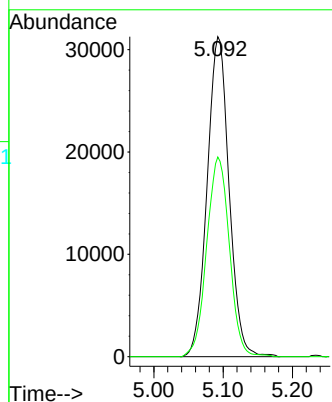
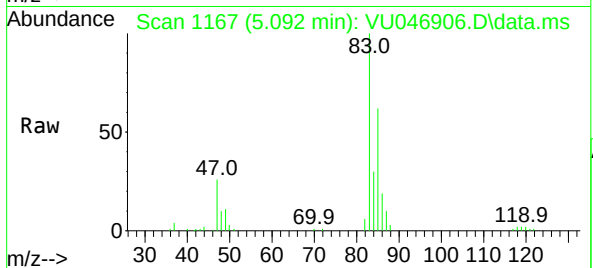
VSTD005177

Tgt Ion: 83 Resp: 68658

Ion Ratio Lower Upper

83 100

85 62.4 46.9 87.1



#27

1,2-Dichloroethane

Concen: 6.055 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046906.D

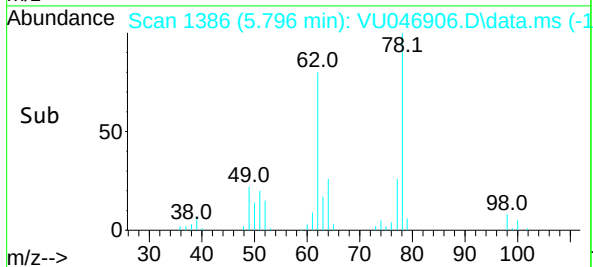
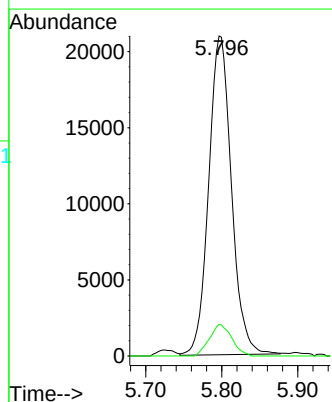
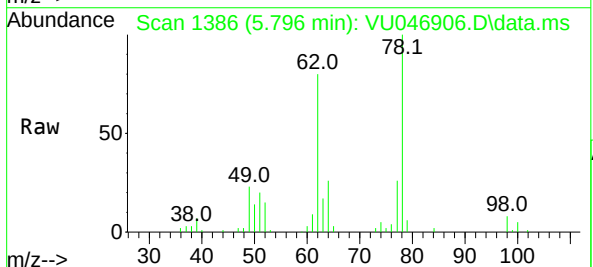
Acq: 28 Jan 2022 20:40

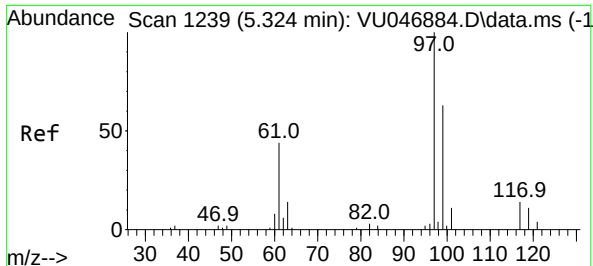
Tgt Ion: 62 Resp: 43503

Ion Ratio Lower Upper

62 100

98 9.9 7.8 11.8

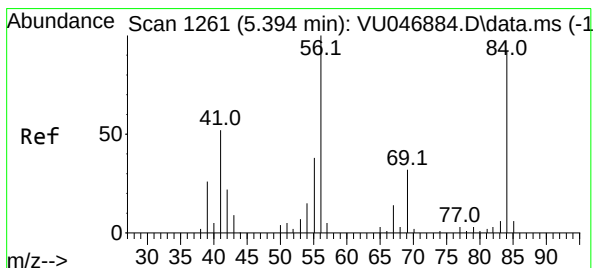
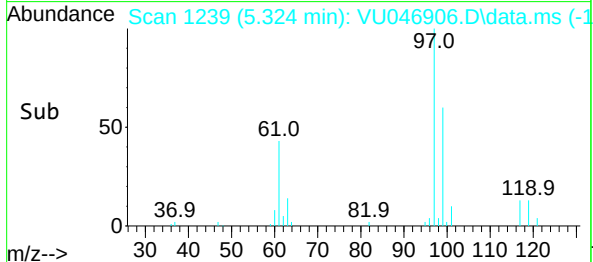
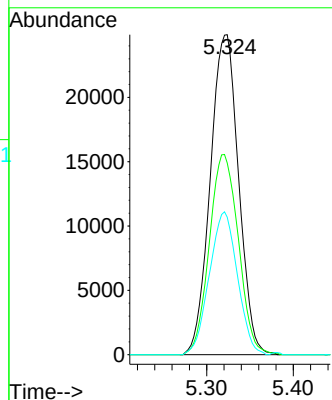
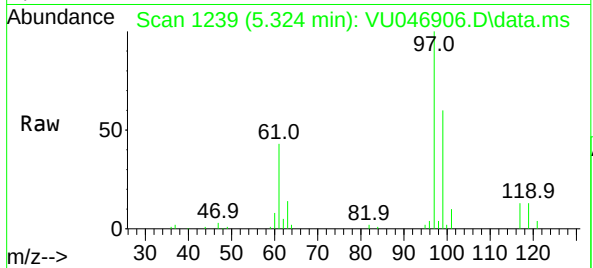




#29
1,1,1-Trichloroethane
Concen: 5.546 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

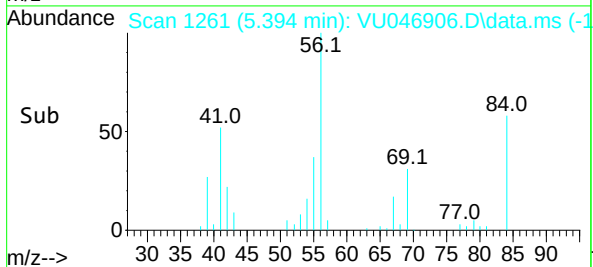
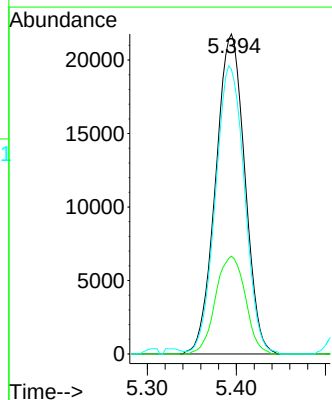
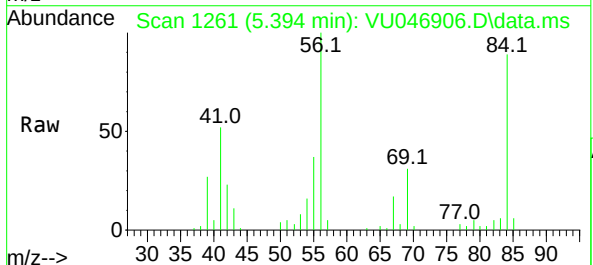
Instrument :
MSVOA_U
ClientSampleId :
VSTD005177

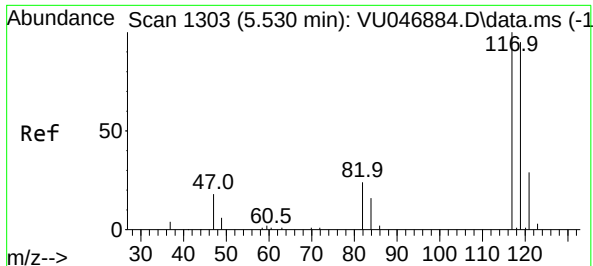
Tgt Ion:	97	Resp:	56604
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	44.2	36.1	54.1



#30
Cyclohexane
Concen: 4.779 ug/L
RT: 5.394 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

Tgt Ion:	56	Resp:	49477
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.7	37.1
84	90.1	71.8	107.6

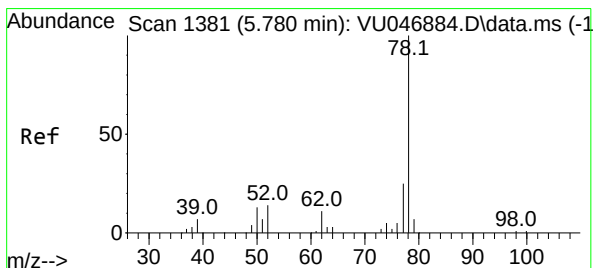
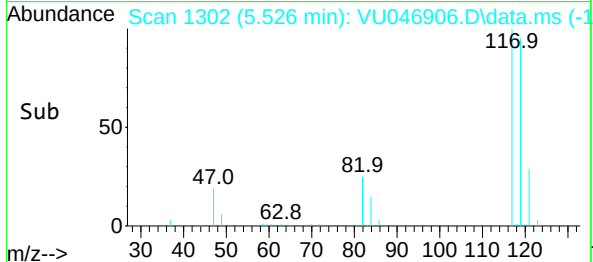
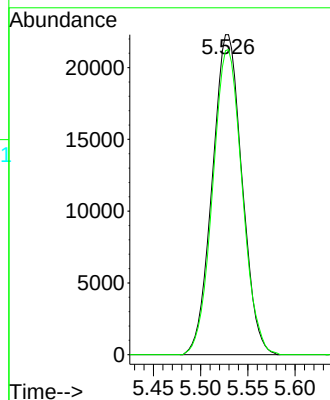
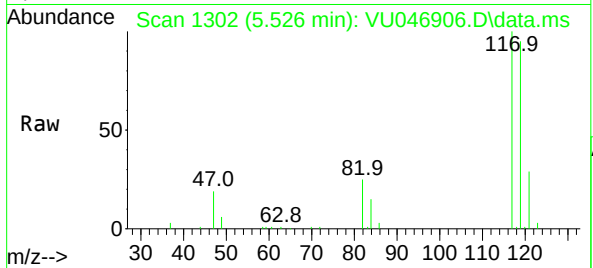




#31
Carbon tetrachloride
Concen: 5.550 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

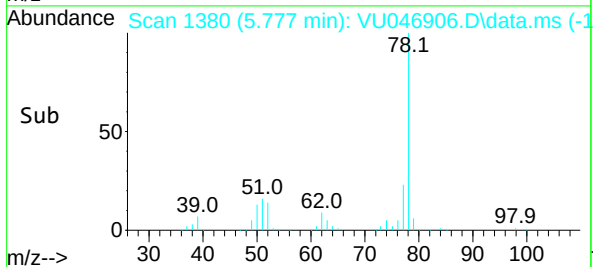
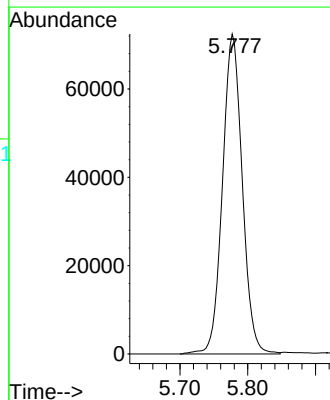
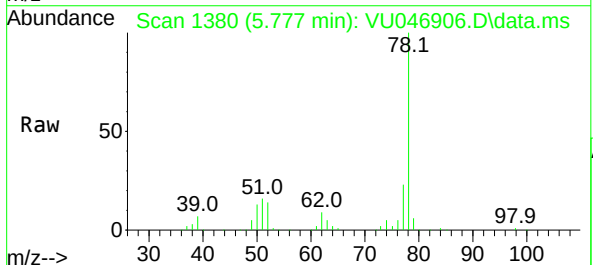
Instrument :
MSVOA_U
ClientSampleId :
VSTD005177

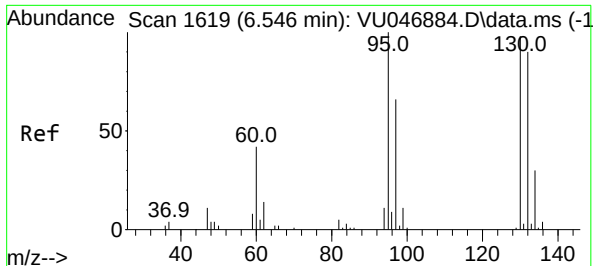
Tgt Ion:117 Resp: 48607
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3



#33
Benzene
Concen: 5.503 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

Tgt Ion: 78 Resp: 146826

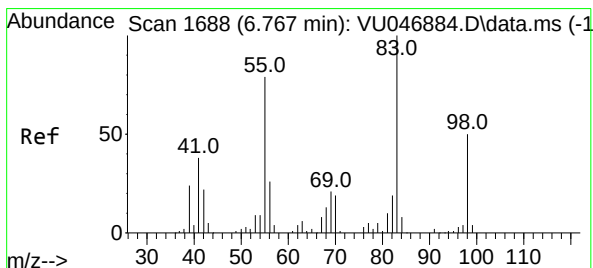
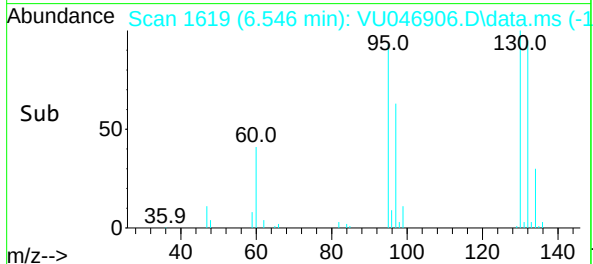
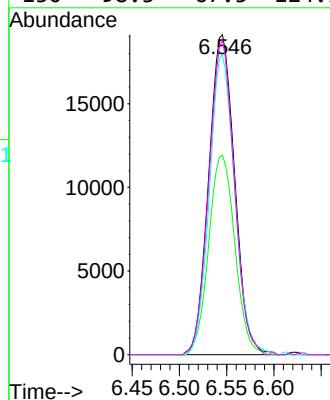
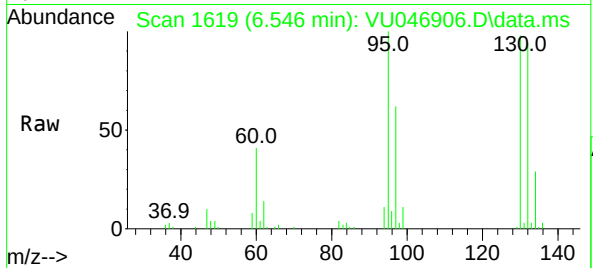




#34
Trichloroethene
Concen: 5.267 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

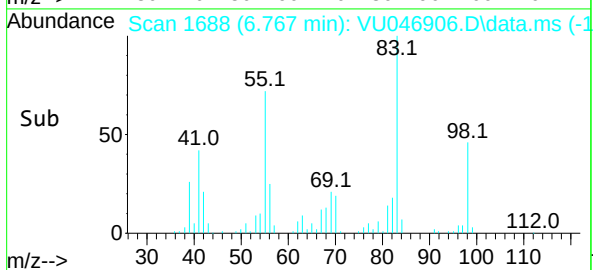
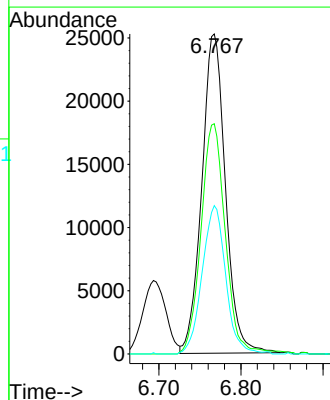
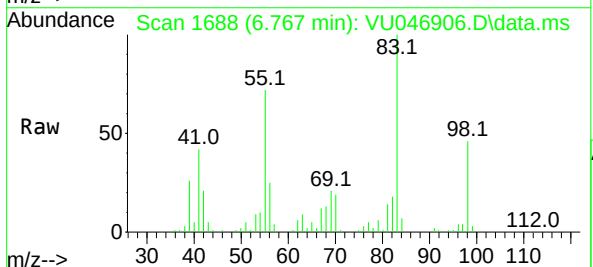
Instrument :
MSVOA_U
ClientSampleId :
VSTD005177

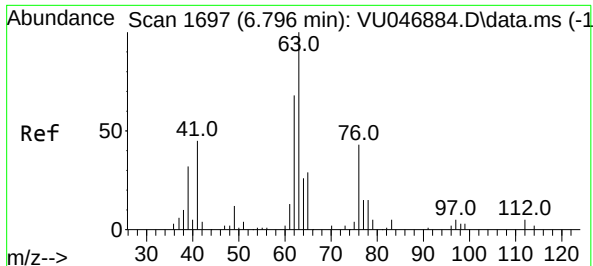
Tgt Ion: 95 Resp: 36483
Ion Ratio Lower Upper
95 100
97 62.3 46.5 86.5
132 93.8 65.1 120.9
130 98.3 67.3 124.9



#35
Methylcyclohexane
Concen: 4.359 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

Tgt Ion: 83 Resp: 50578
Ion Ratio Lower Upper
83 100
55 73.8 61.9 92.9
98 46.2 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.725 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046906.D

Acq: 28 Jan 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

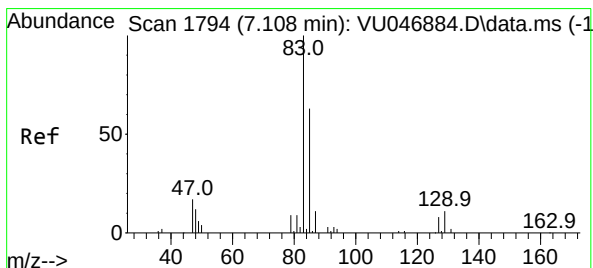
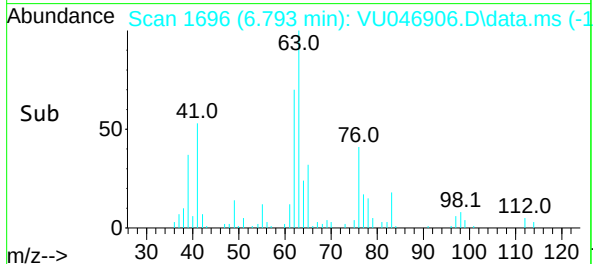
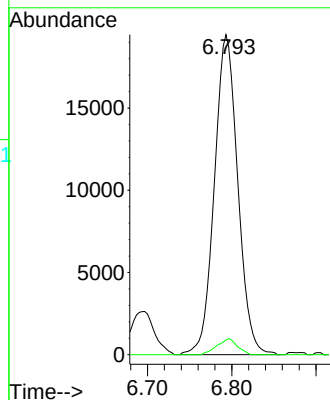
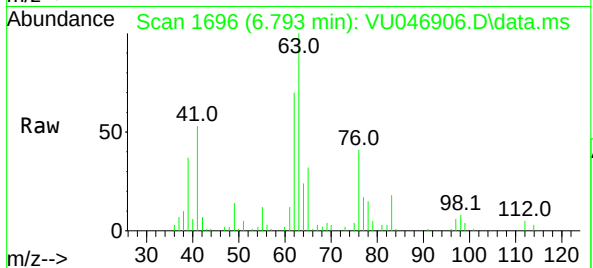
VSTD005177

Tgt Ion: 63 Resp: 37473

Ion Ratio Lower Upper

63 100

112 4.3 3.2 4.8



#38

Bromodichloromethane

Concen: 4.917 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046906.D

Acq: 28 Jan 2022 20:40

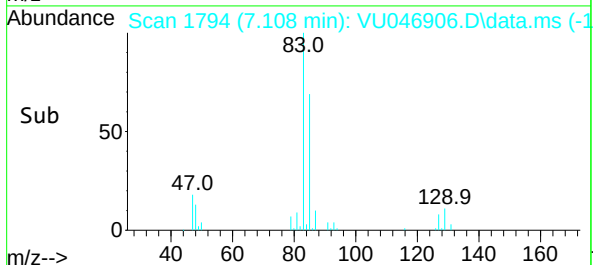
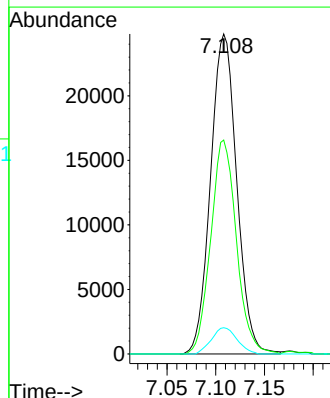
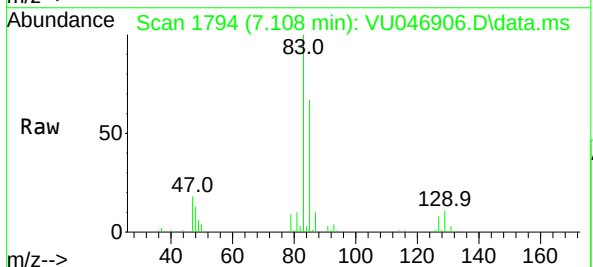
Tgt Ion: 83 Resp: 46316

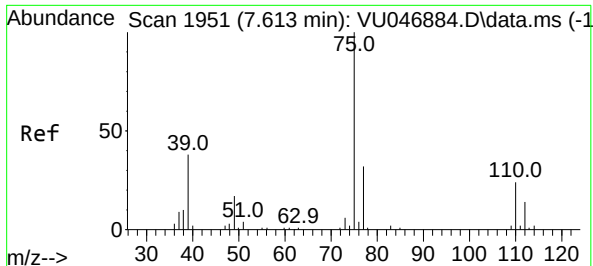
Ion Ratio Lower Upper

83 100

85 66.9 44.0 81.8

127 8.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.766 ug/L

RT: 7.610 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VU046906.D

Acq: 28 Jan 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

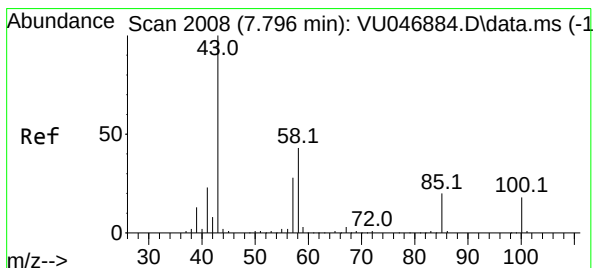
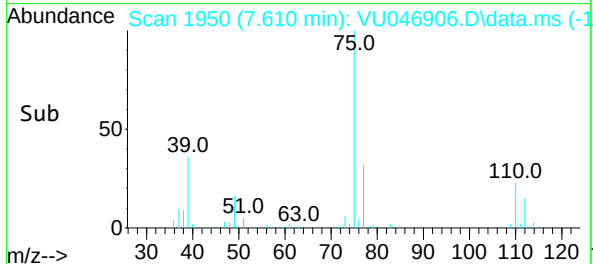
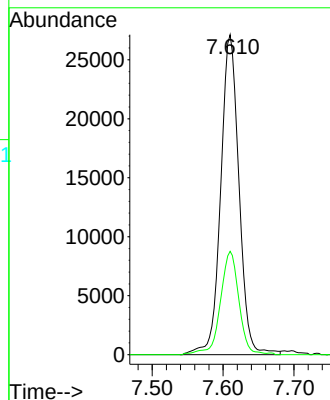
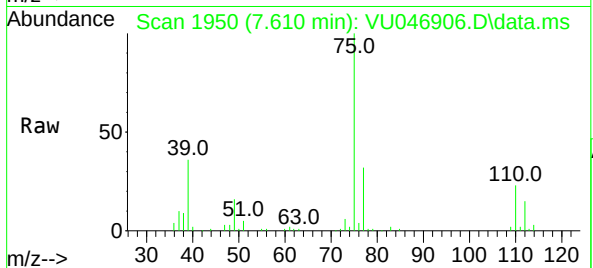
VSTD005177

Tgt Ion: 75 Resp: 48672

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 48.759 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046906.D

Acq: 28 Jan 2022 20:40

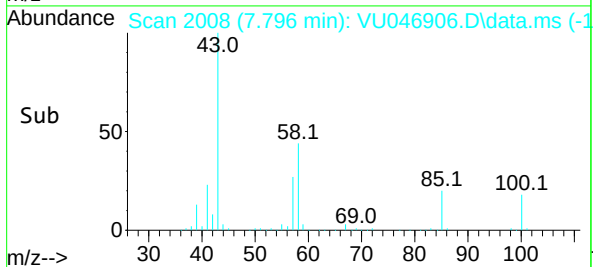
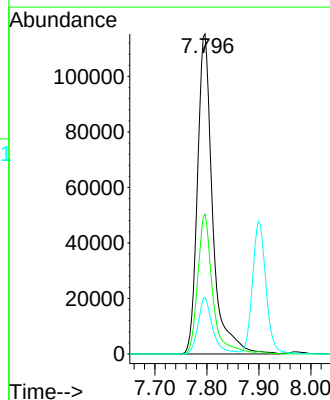
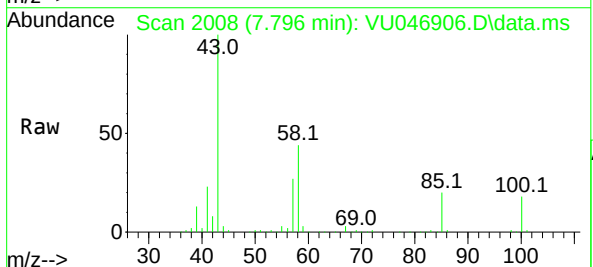
Tgt Ion: 43 Resp: 233964

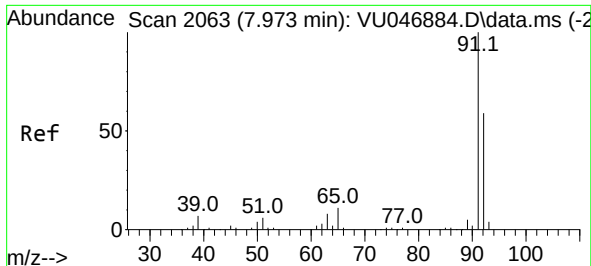
Ion Ratio Lower Upper

43 100

58 42.8 33.1 49.7

100 17.0 13.2 19.8





#42

Toluene

Concen: 4.798 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046906.D

Acq: 28 Jan 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

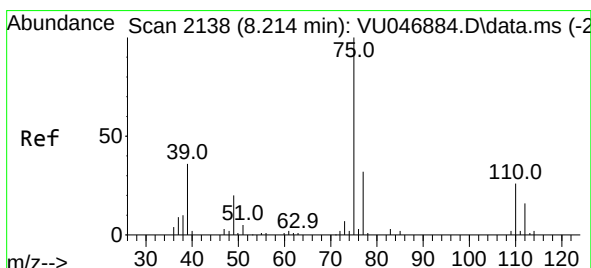
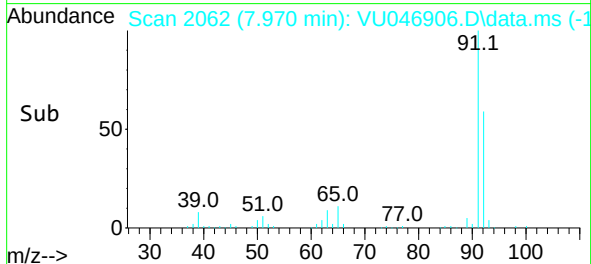
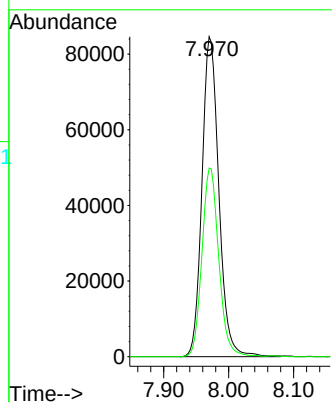
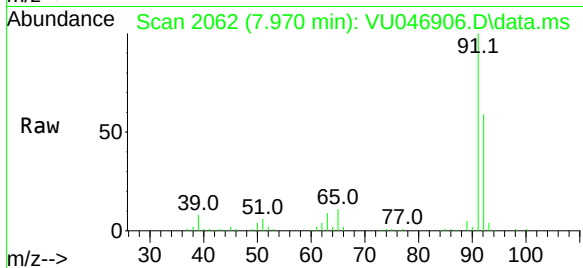
VSTD005177

Tgt Ion: 91 Resp: 153010

Ion Ratio Lower Upper

91 100

92 59.0 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.830 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046906.D

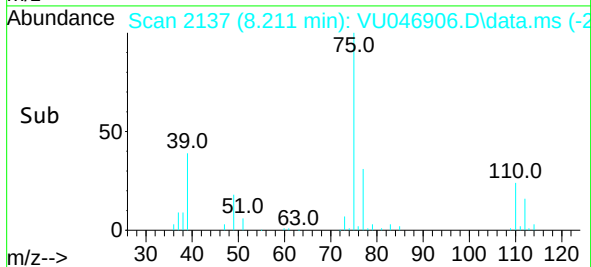
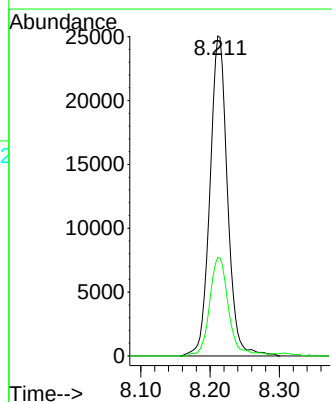
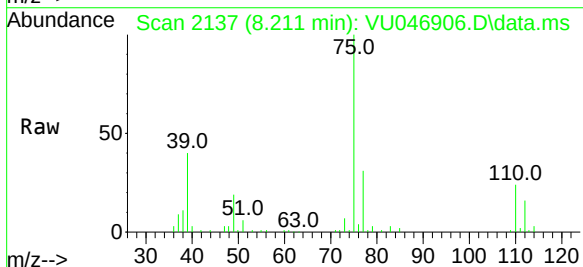
Acq: 28 Jan 2022 20:40

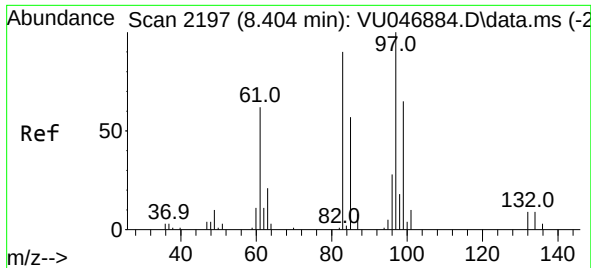
Tgt Ion: 75 Resp: 43941

Ion Ratio Lower Upper

75 100

77 30.7 22.7 42.3

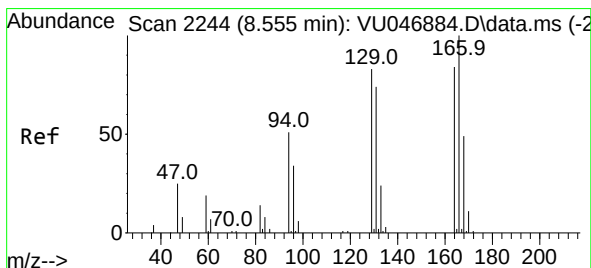
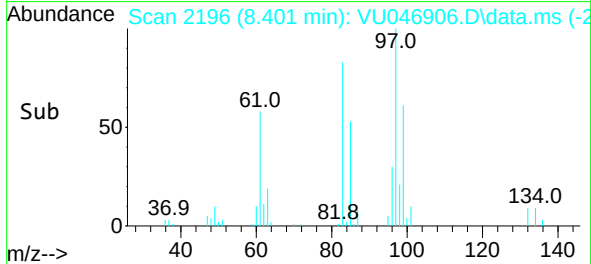
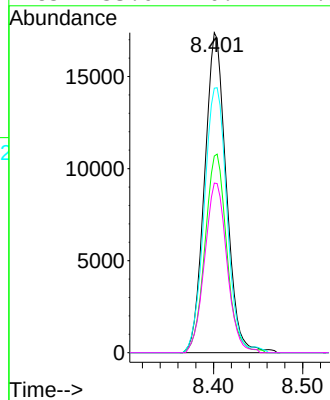
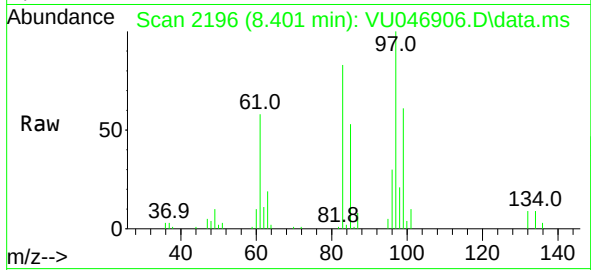




#45
1,1,2-Trichloroethane
Concen: 5.281 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

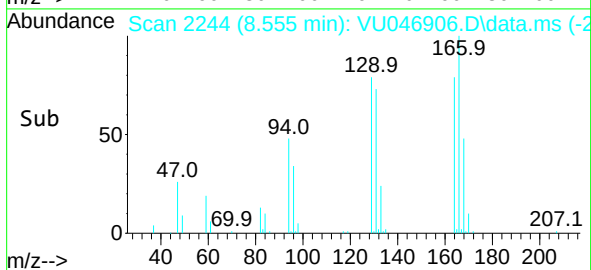
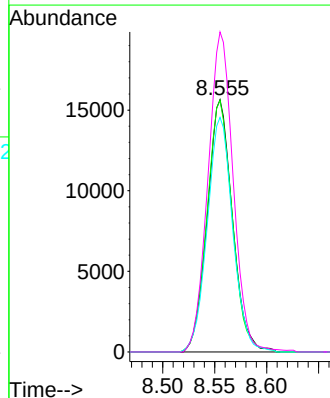
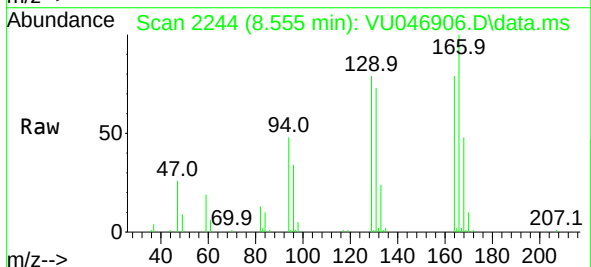
Instrument :
MSVOA_U
ClientSampleId :
VSTD005177

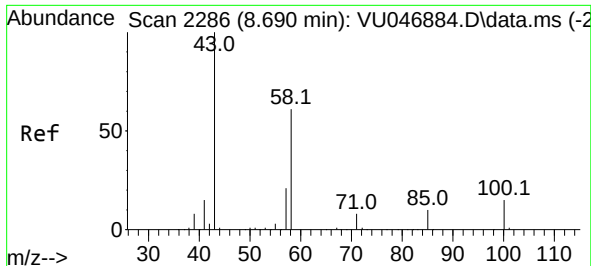
Tgt Ion: 97	Resp:	29409	
Ion	Ratio	Lower	Upper
97	100		
99	61.5	42.3	78.5
83	82.6	62.0	115.2
85	53.0	40.1	74.5



#47
Tetrachloroethene
Concen: 4.686 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

Tgt	Ion:164	Resp:	26400
Ion	Ratio	Lower	Upper
164	100		
129	99.7	71.8	133.4
131	92.9	68.5	127.3
166	126.8	94.1	174.8

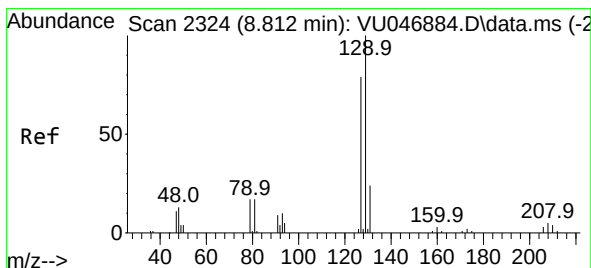
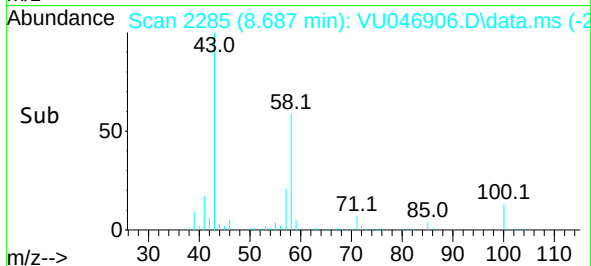
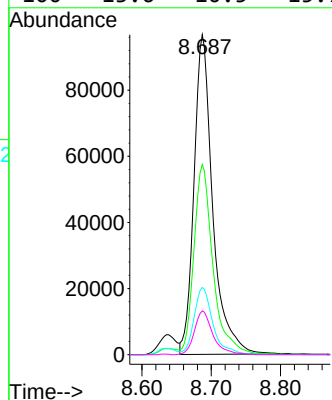
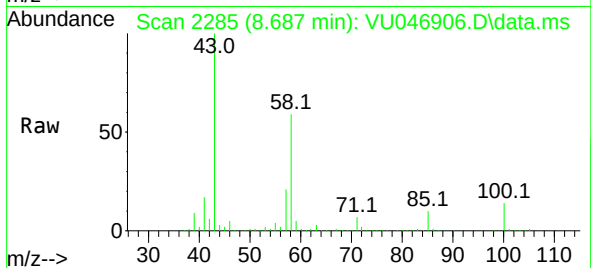




#48
2-Hexanone
Concen: 50.289 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

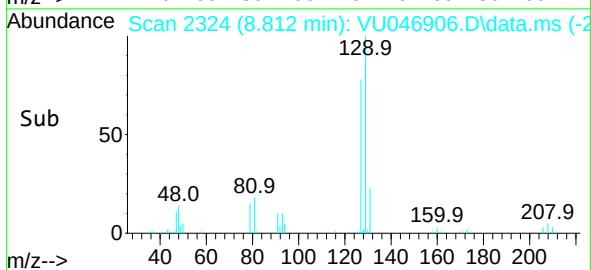
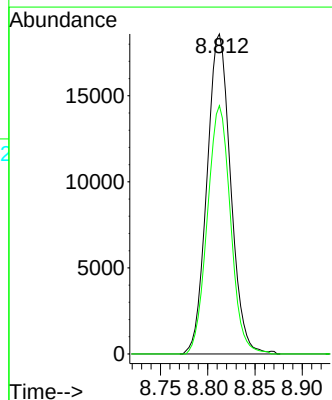
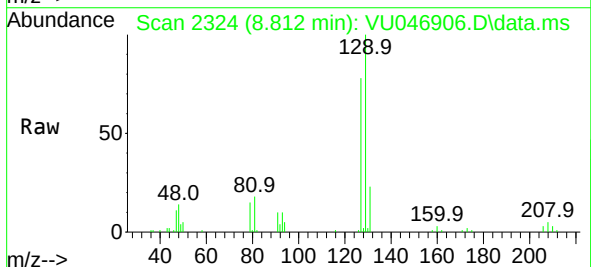
Instrument :
MSVOA_U
ClientSampleId :
VSTD005177

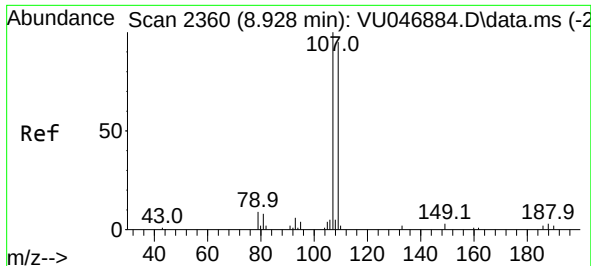
Tgt Ion: 43	Resp: 182140
Ion Ratio	Lower Upper
43 100	
58 60.1	46.7 70.1
57 21.4	16.3 24.5
100 13.6	10.5 15.7



#49
Dibromochloromethane
Concen: 4.939 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

Tgt Ion:129	Resp:	32439	
Ion	Ratio	Lower	Upper
129	100		
127	77.6	55.4	102.8

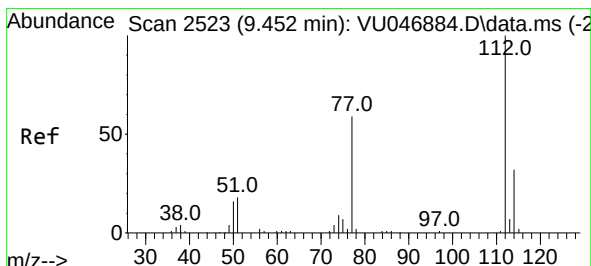
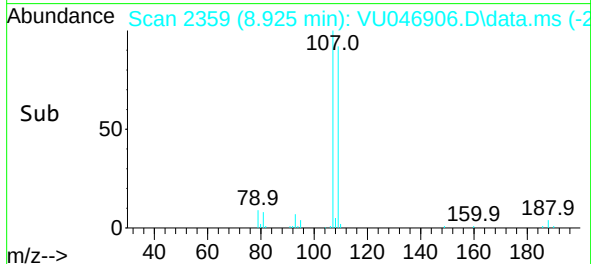
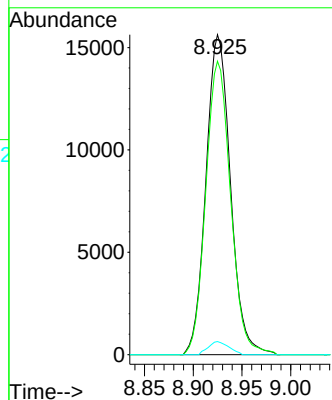
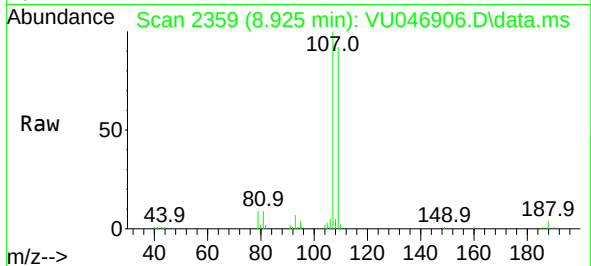




#50
1,2-Dibromoethane
Concen: 4.850 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

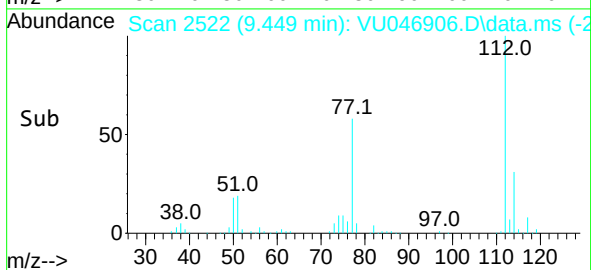
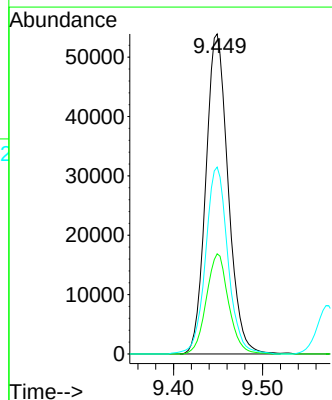
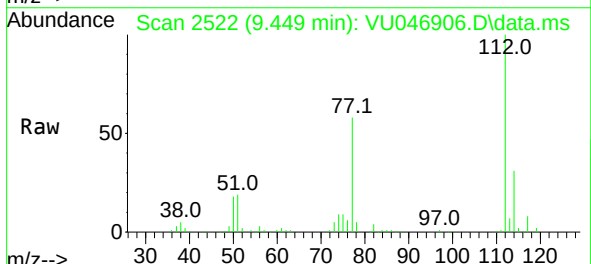
Instrument :
MSVOA_U
ClientSampleId :
VSTD005177

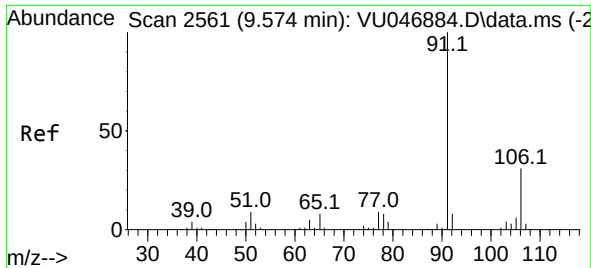
Tgt Ion:107 Resp: 27375
Ion Ratio Lower Upper
107 100
109 91.7 64.0 119.0
188 4.1 2.4 3.6#



#51
Chlorobenzene
Concen: 5.071 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

Tgt Ion:112 Resp: 93919
Ion Ratio Lower Upper
112 100
114 31.3 22.1 41.1
77 58.4 48.3 72.5

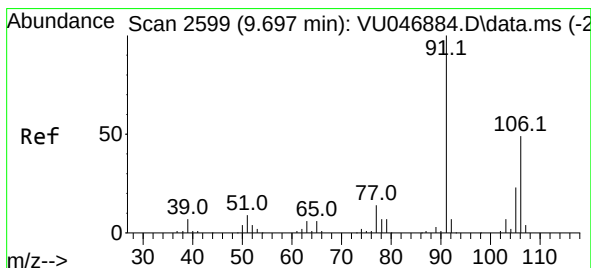
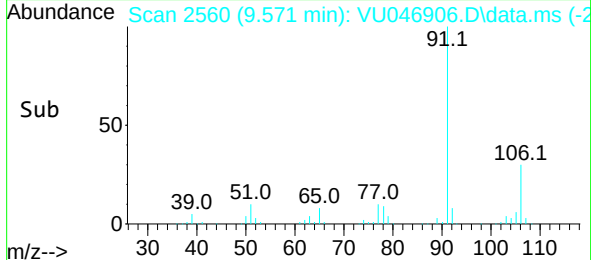
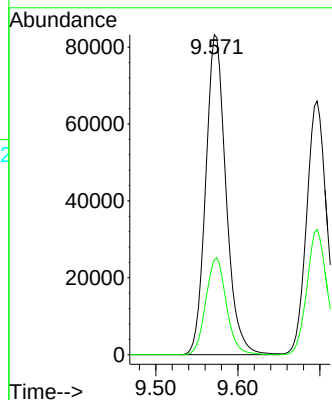
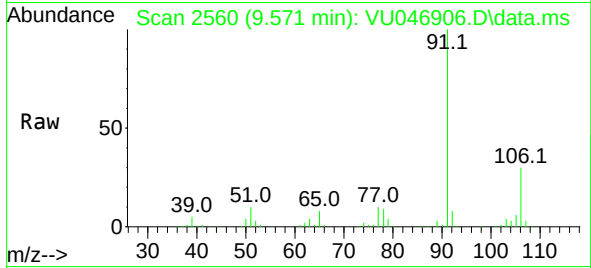




#52
Ethylbenzene
Concen: 4.711 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

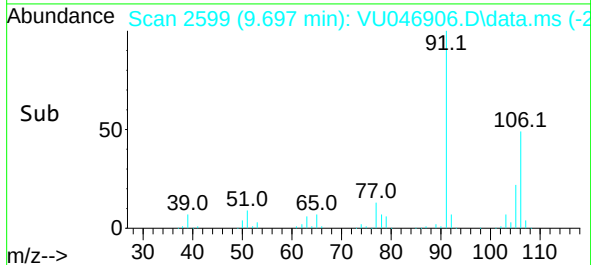
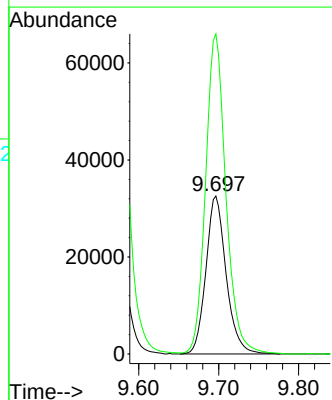
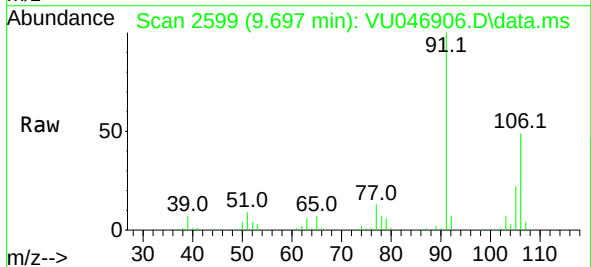
Instrument :
MSVOA_U
ClientSampleId :
VSTD005177

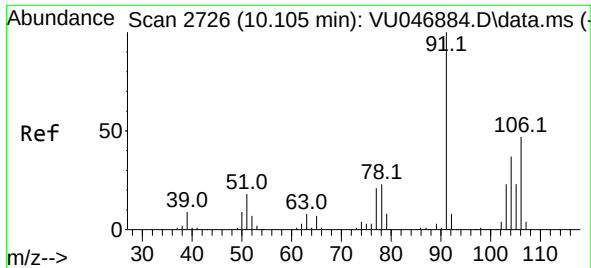
Tgt Ion: 91 Resp: 142847
Ion Ratio Lower Upper
91 100
106 29.7 21.5 39.9



#53
m,p-Xylene
Concen: 4.743 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

Tgt Ion: 106 Resp: 57322
Ion Ratio Lower Upper
106 100
91 202.7 139.4 259.0

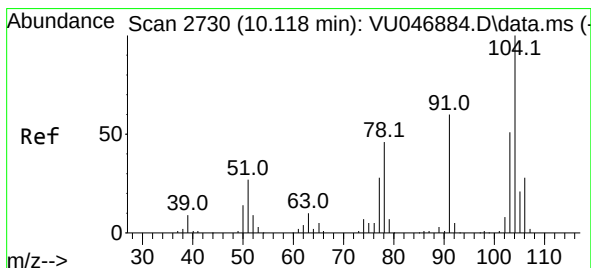
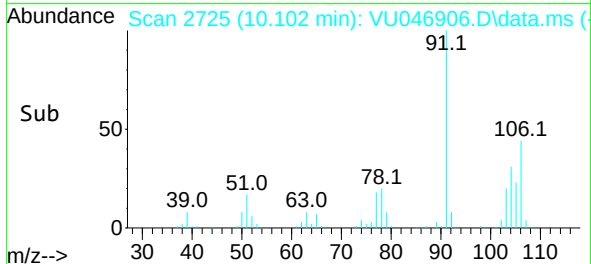
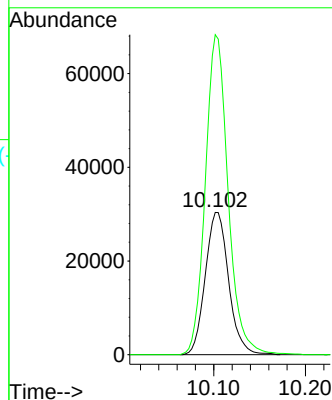
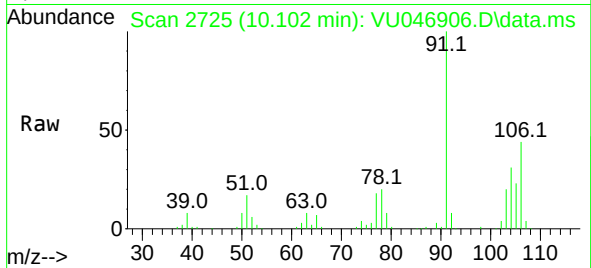




#54
o-Xylene
Concen: 4.592 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

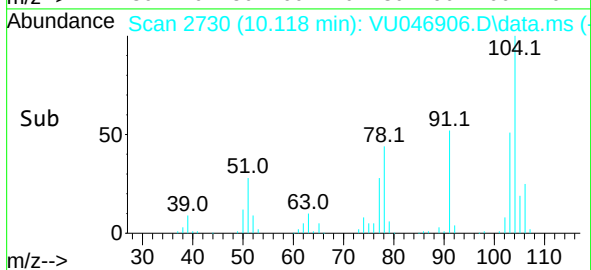
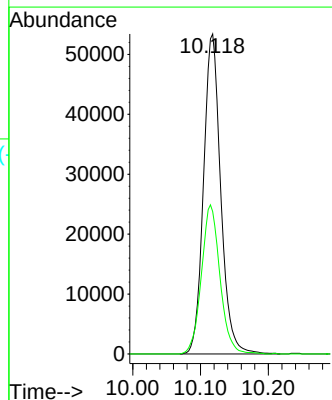
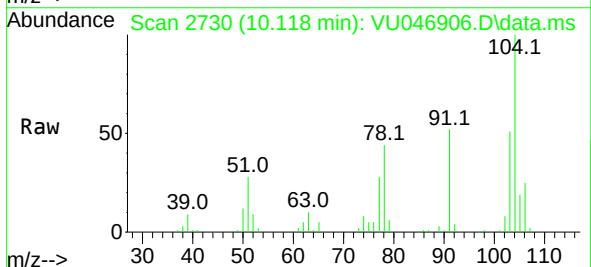
Instrument :
MSVOA_U
ClientSampleId :
VSTD005177

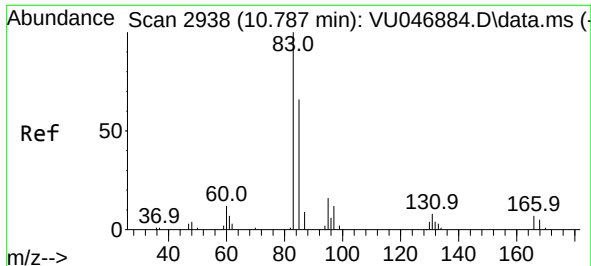
Tgt Ion:106 Resp: 53800
Ion Ratio Lower Upper
106 100
91 224.9 147.5 273.9



#55
Styrene
Concen: 4.916 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

Tgt Ion:104 Resp: 94219
Ion Ratio Lower Upper
104 100
78 44.5 33.0 61.4

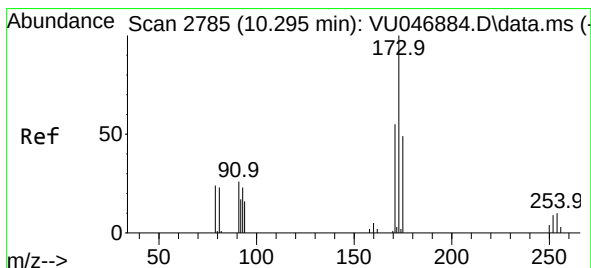
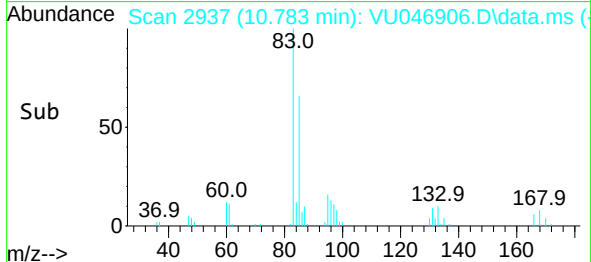
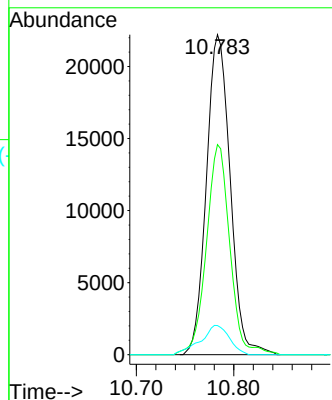
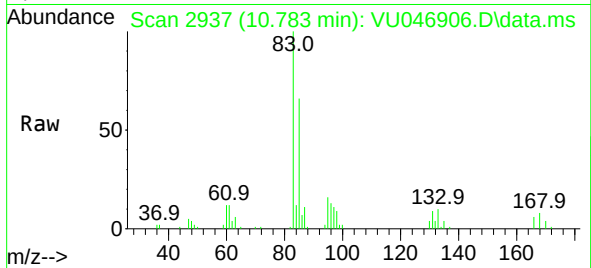




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.031 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.003 min
 Lab File: VU046906.D
 Acq: 28 Jan 2022 20:40

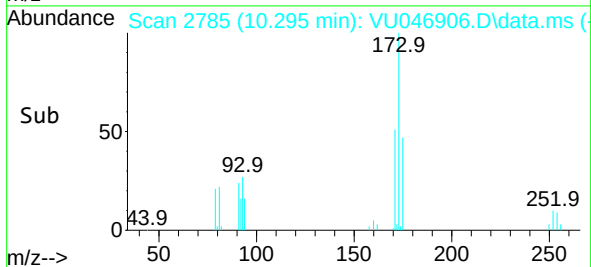
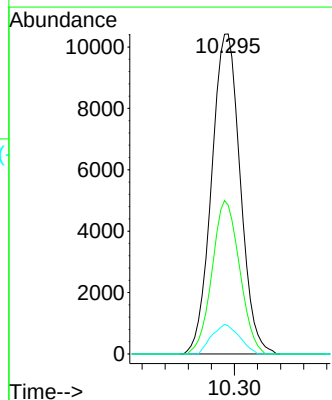
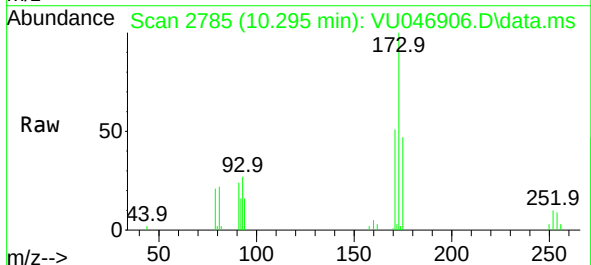
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005177

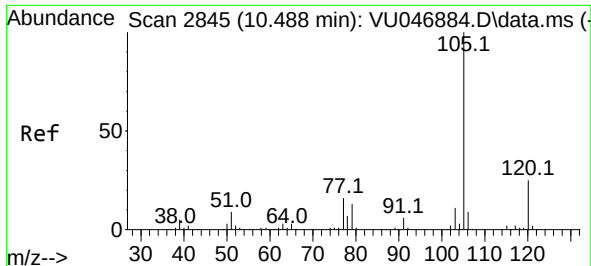
Tgt Ion: 83 Resp: 37676
 Ion Ratio Lower Upper
 83 100
 85 65.7 47.9 89.1
 131 9.1 8.1 12.1



#59
 Bromoform
 Concen: 4.962 ug/L
 RT: 10.295 min Scan# 2785
 Delta R.T. -0.000 min
 Lab File: VU046906.D
 Acq: 28 Jan 2022 20:40

Tgt Ion: 173 Resp: 17931
 Ion Ratio Lower Upper
 173 100
 175 46.0 37.8 56.6
 254 8.8 7.3 10.9

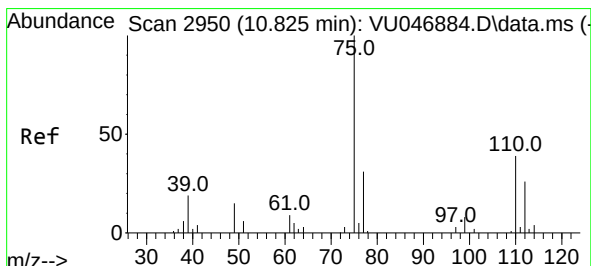
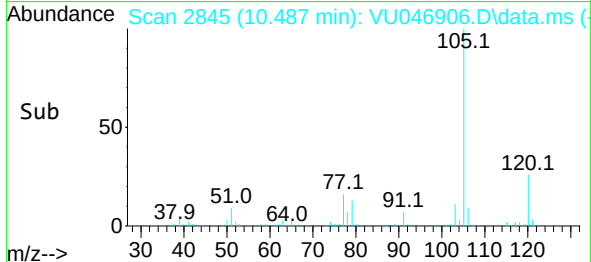
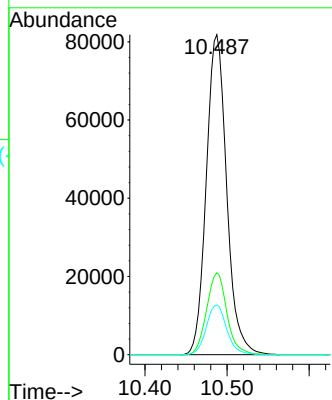
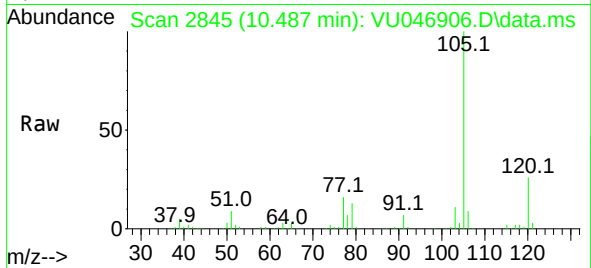




#60
Isopropylbenzene
Concen: 5.166 ug/L
RT: 10.487 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

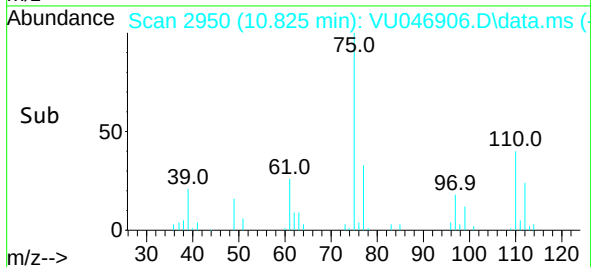
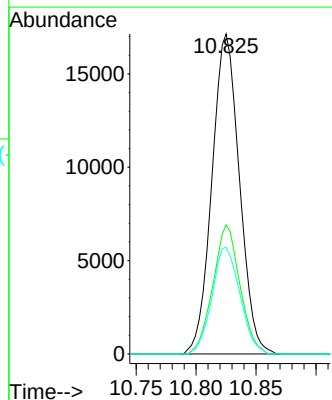
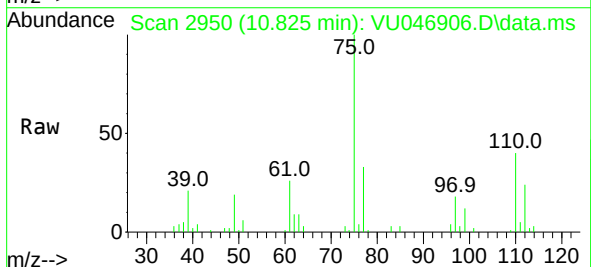
Instrument :
MSVOA_U
ClientSampleId :
VSTD005177

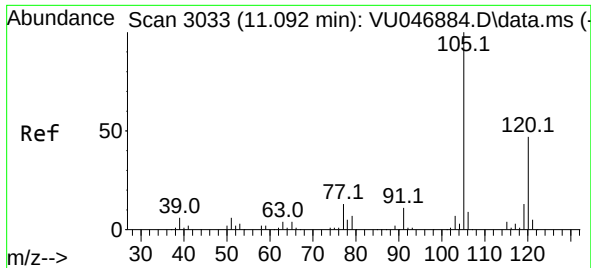
Tgt Ion:105 Resp: 141221
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.484 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

Tgt Ion: 75 Resp: 27265
Ion Ratio Lower Upper
75 100
110 39.5 29.9 44.9
77 34.0 25.5 38.3

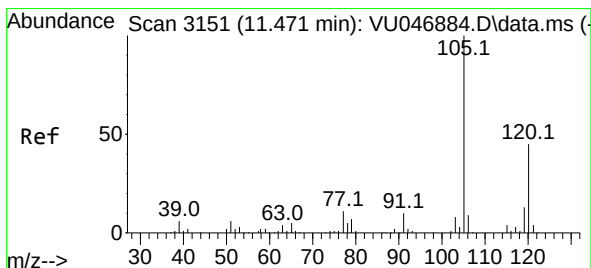
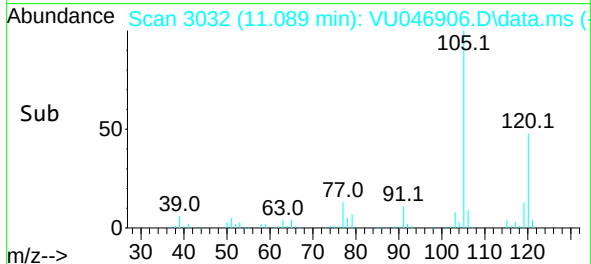
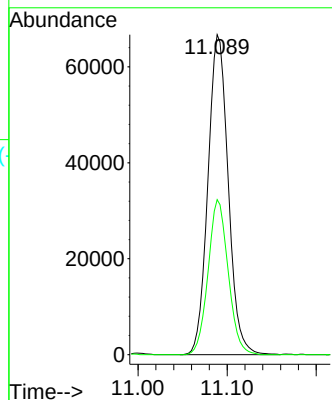
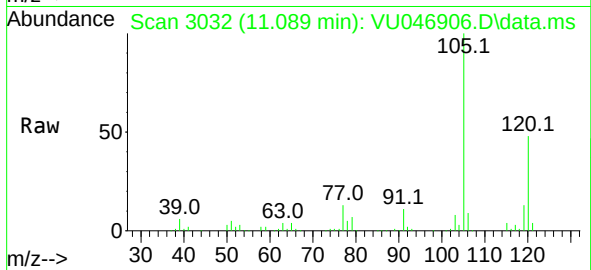




#62
 1,3,5-Trimethylbenzene
 Concen: 4.694 ug/L
 RT: 11.089 min Scan# 3033
 Delta R.T. -0.003 min
 Lab File: VU046906.D
 Acq: 28 Jan 2022 20:40

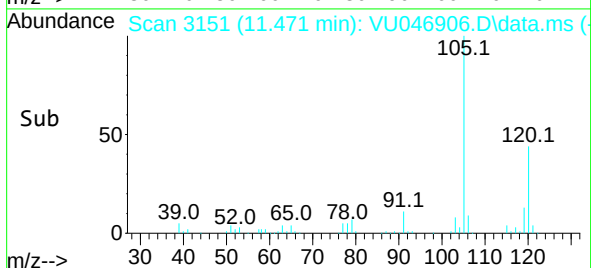
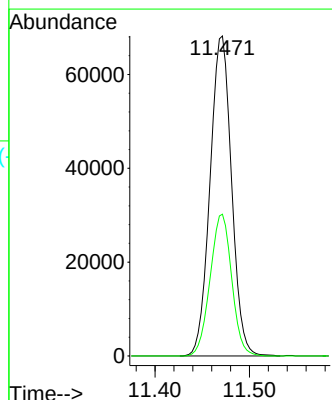
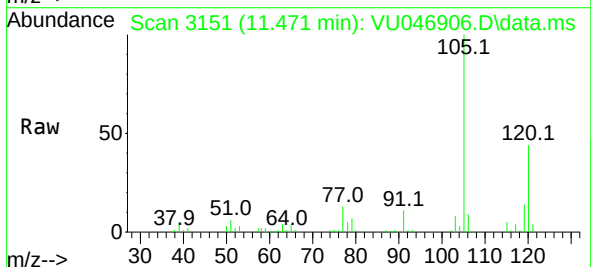
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005177

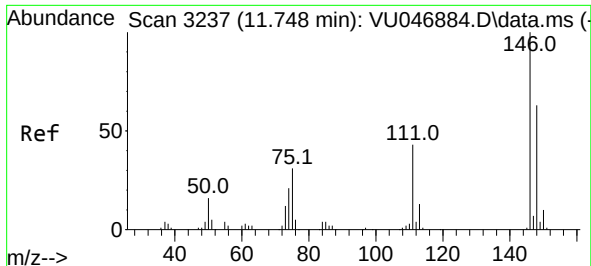
Tgt Ion:105 Resp: 105308
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 4.666 ug/L
 RT: 11.471 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VU046906.D
 Acq: 28 Jan 2022 20:40

Tgt Ion:105 Resp: 107726
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.8 53.8

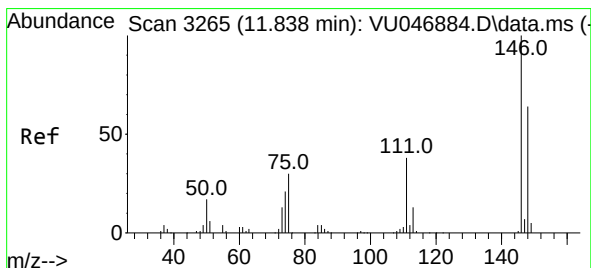
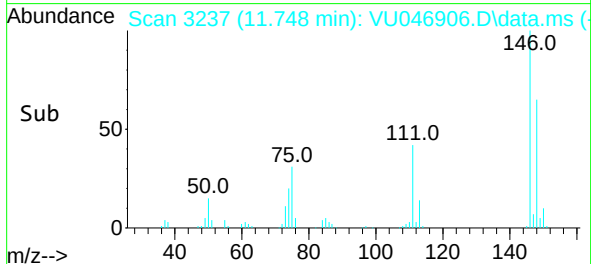
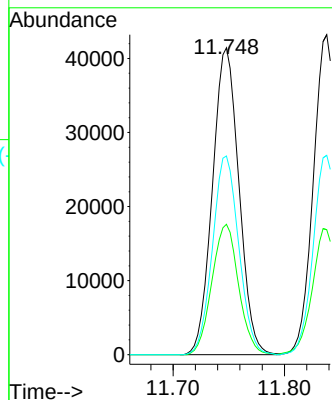
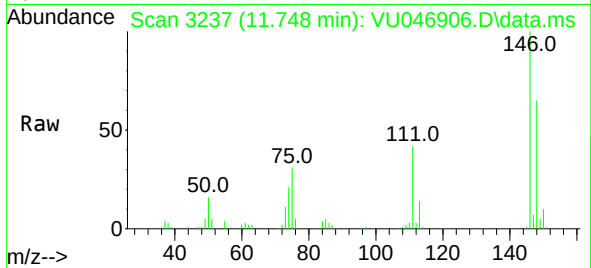




#64
1,3-Dichlorobenzene
Concen: 5.007 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

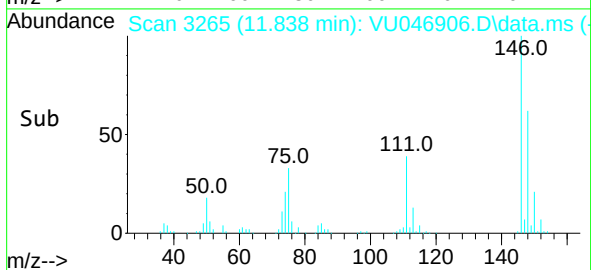
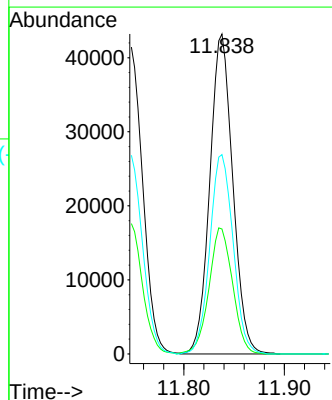
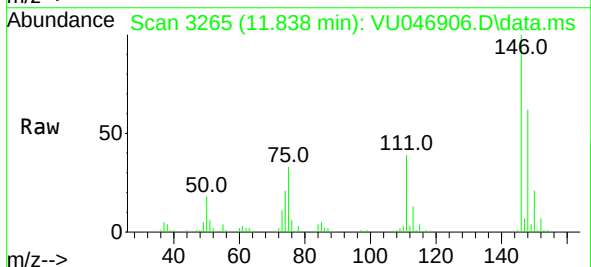
Instrument :
MSVOA_U
ClientSampleId :
VSTD005177

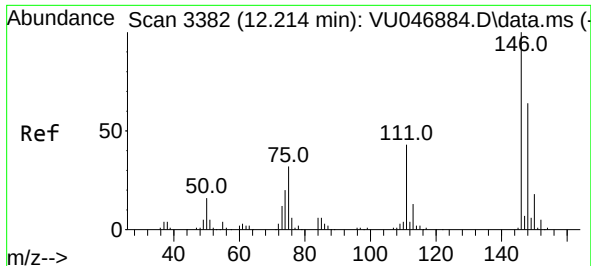
Tgt Ion:146 Resp: 68400
Ion Ratio Lower Upper
146 100
111 42.5 29.9 55.5
148 64.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.983 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046906.D
Acq: 28 Jan 2022 20:40

Tgt Ion:146 Resp: 68522
Ion Ratio Lower Upper
146 100
111 39.0 28.7 53.3
148 62.3 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.036 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046906.D

Acq: 28 Jan 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD005177

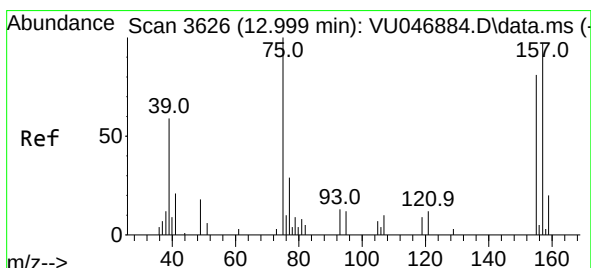
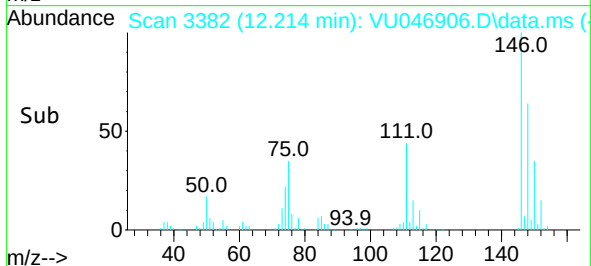
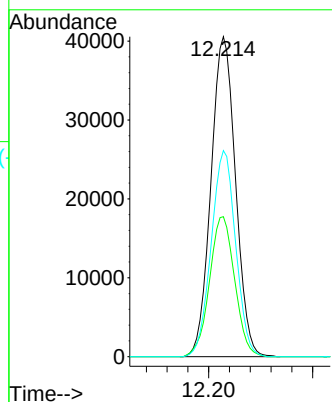
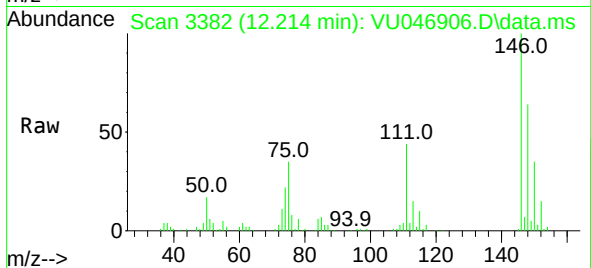
Tgt Ion:146 Resp: 66547

Ion Ratio Lower Upper

146 100

111 43.7 35.4 53.0

148 64.4 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.478 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU046906.D

Acq: 28 Jan 2022 20:40

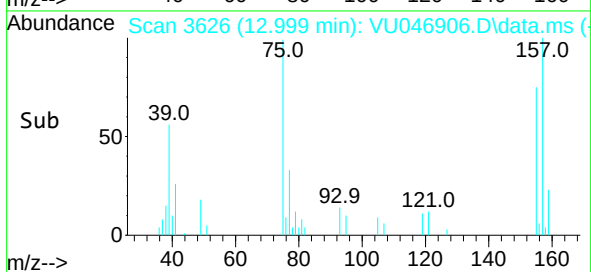
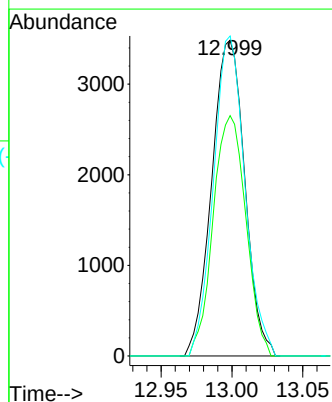
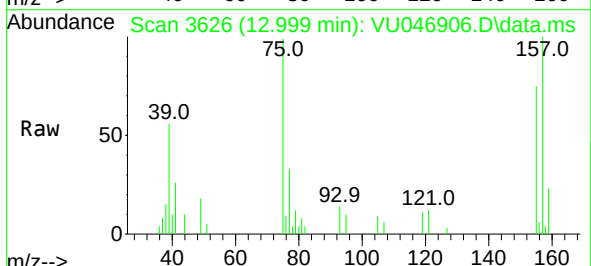
Tgt Ion: 75 Resp: 5653

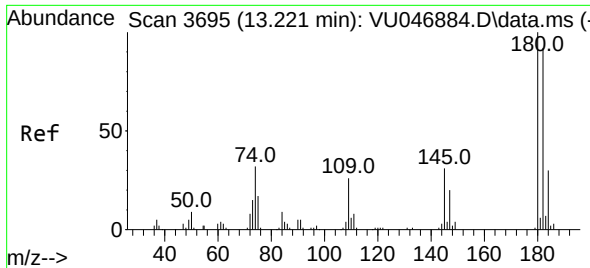
Ion Ratio Lower Upper

75 100

155 76.1 59.2 88.8

157 101.3 76.5 114.7

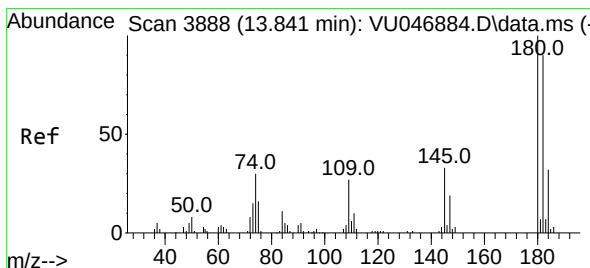
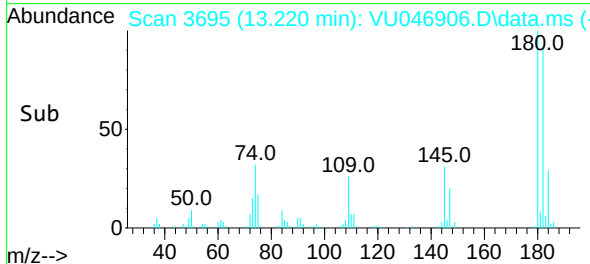
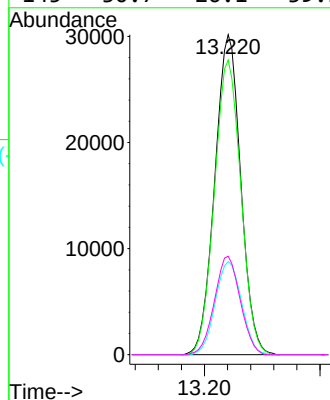
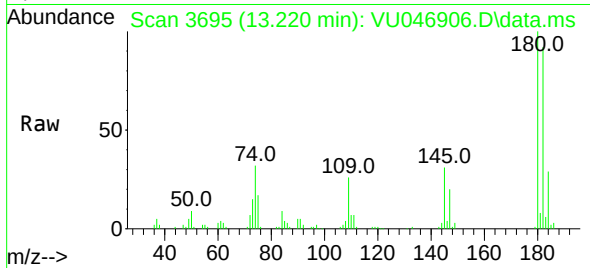




#69
 1,3,5-Trichlorobenzene
 Concen: 4.358 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046906.D
 Acq: 28 Jan 2022 20:40

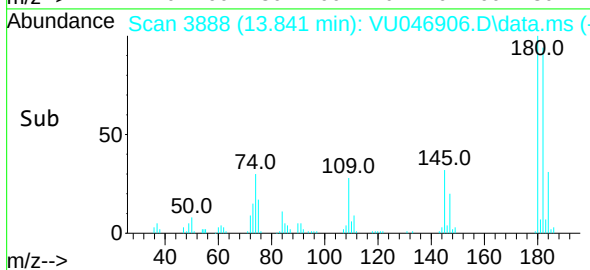
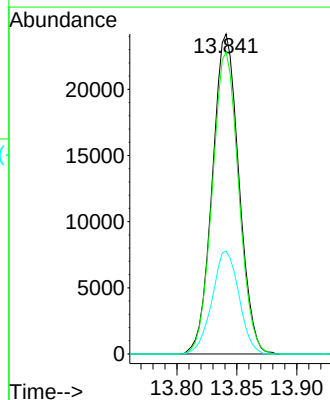
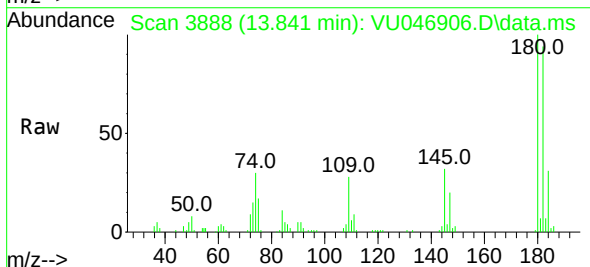
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005177

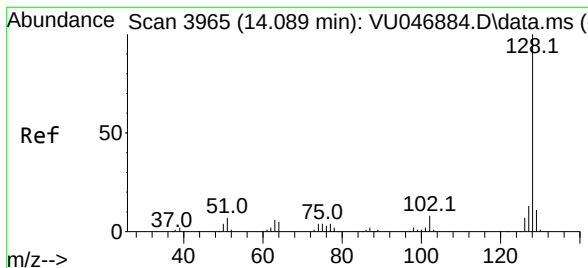
Tgt Ion:180	Resp:	46940
Ion Ratio	Lower	Upper
180	100	
182	94.0	76.1 114.1
184	29.6	25.0 37.4
145	30.7	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.123 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046906.D
 Acq: 28 Jan 2022 20:40

Tgt Ion:180	Resp:	37131
Ion Ratio	Lower	Upper
180	100	
182	93.8	76.4 114.6
145	32.6	25.6 38.4





#71

Naphthalene

Concen: 3.974 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. -0.000 min

Lab File: VU046906.D

Acq: 28 Jan 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD005177

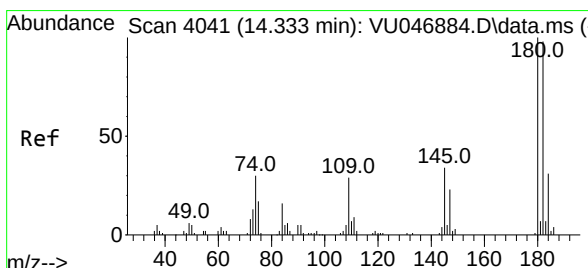
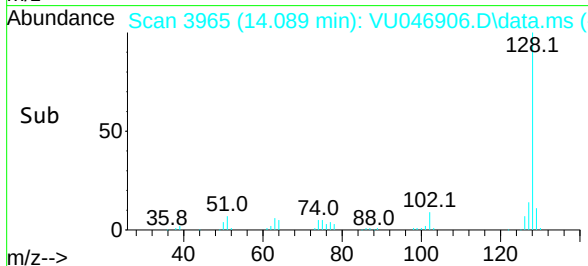
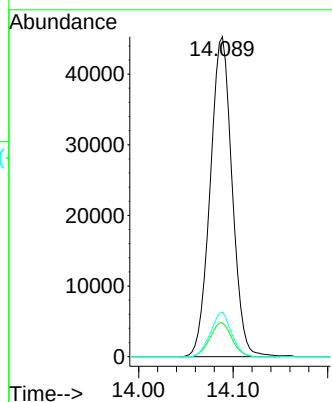
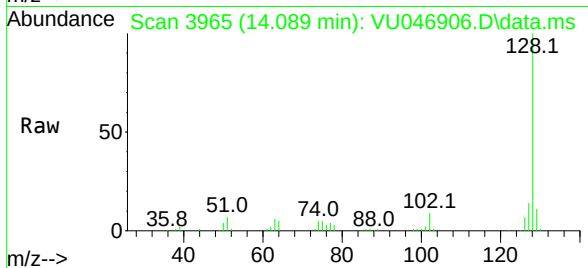
Tgt Ion:128 Resp: 72868

Ion Ratio Lower Upper

128 100

129 10.6 8.4 12.6

127 13.2 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.458 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.003 min

Lab File: VU046906.D

Acq: 28 Jan 2022 20:40

Tgt Ion:180 Resp: 37917

Ion Ratio Lower Upper

180 100

182 99.9 76.2 114.4

145 35.5 28.4 42.6

