

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
 Data File : VU046857.D
 Acq On : 26 Jan 2022 20:18
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005173

Quant Time: Jan 27 00:16:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 27 00:12:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94954	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	100566	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52455	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	38072	4.732	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.919	69	33518	5.287	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.571	65	15848	4.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%
20) 2-Butanone-d5	4.652	46	121137	50.820	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.640%
24) Chloroform-d	5.070	84	77236	5.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
26) 1,2-Dichloroethane-d4	5.706	65	42397	5.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.732	84	148664	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.693	67	45683	5.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.899	98	129184	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.179	79	17874	4.586	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.635	63	111695	48.402	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43889	4.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	45974	4.674	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	47524	5.321	ug/L	98
3) Chloromethane	1.526	50	47203	6.418	ug/L	98
5) Vinyl chloride	1.607	62	46364	6.054	ug/L	98
6) Bromomethane	1.864	94	28522	5.953	ug/L	96
8) Chloroethane	1.941	64	26934	6.110	ug/L	96
9) Trichlorofluoromethane	2.144	101	53907	5.777	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	28077	5.060	ug/L	97
12) 1,1-Dichloroethene	2.587	96	29926	5.644	ug/L	82
13) Acetone	2.681	43	54930	42.370	ug/L	65
14) Carbon disulfide	2.800	76	92534	5.314	ug/L	100
15) Methyl Acetate	2.967	43	13919	4.915	ug/L #	71
16) Methylene chloride	3.054	84	36195	5.653	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	81240	5.461	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	30919	5.384	ug/L	95
19) 1,1-Dichloroethane	3.877	63	57536	5.968	ug/L	97
21) 2-Butanone	4.732	43	98688	47.333	ug/L	95
22) cis-1,2-Dichloroethene	4.674	96	34529	5.700	ug/L	96
23) Bromochloromethane	4.980	128	16970	5.694	ug/L	92
25) Chloroform	5.092	83	63984	4.181	ug/L	97

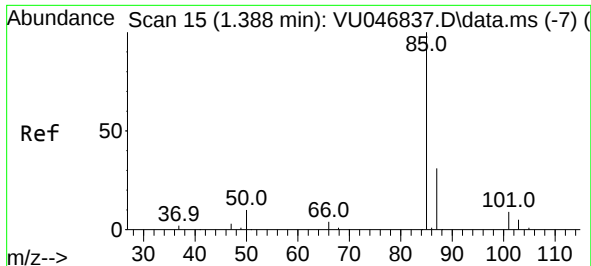
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	41807	6.190	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	50219	5.544	ug/L	99
30) Cyclohexane	5.394	56	40876	4.449	ug/L	96
31) Carbon tetrachloride	5.529	117	41668	5.361	ug/L	98
33) Benzene	5.777	78	132572	5.599	ug/L	100
34) Trichloroethene	6.542	95	31029	5.047	ug/L	98
35) Methylcyclohexane	6.767	83	42367	4.114	ug/L	99
37) 1,2-Dichloropropane	6.793	63	34233	5.894	ug/L	98
38) Bromodichloromethane	7.108	83	43012	5.145	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	46289	5.108	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	224904	52.817	ug/L	96
42) Toluene	7.970	91	134029	4.736	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	42978	5.323	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	27278	5.520	ug/L	96
47) Tetrachloroethene	8.555	164	23168	4.634	ug/L	94
48) 2-Hexanone	8.687	43	174566	54.312	ug/L	97
49) Dibromochloromethane	8.812	129	30762	5.277	ug/L	99
50) 1,2-Dibromoethane	8.925	107	27251	5.441	ug/L	98
51) Chlorobenzene	9.449	112	81792	4.976	ug/L	97
52) Ethylbenzene	9.571	91	127626	4.743	ug/L	99
53) m,p-Xylene	9.697	106	50585	4.716	ug/L	95
54) o-Xylene	10.102	106	48886	4.702	ug/L	99
55) Styrene	10.115	104	84792	4.985	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	35605	5.358	ug/L	98
59) Bromoform	10.295	173	17363	5.375	ug/L	97
60) Isopropylbenzene	10.488	105	123123	5.039	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	26544	5.972	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	95199	4.747	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	99233	4.808	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	61397	5.027	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	61117	4.972	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	61151	5.176	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5949	6.448	ug/L	96
69) 1,3,5-Trichlorobenzene	13.220	180	44038	4.573	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	36821	4.574	ug/L	98
71) Naphthalene	14.085	128	75280	4.593	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	38509	5.064	ug/L	98

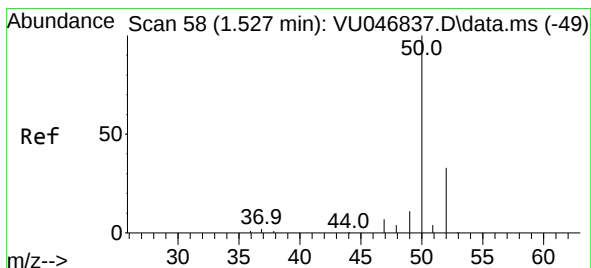
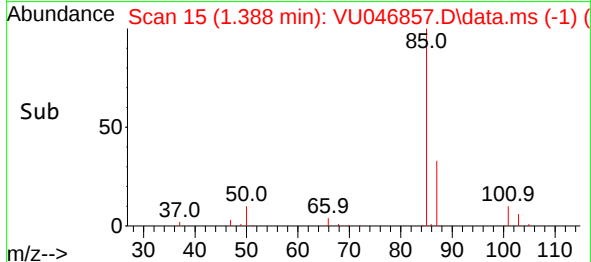
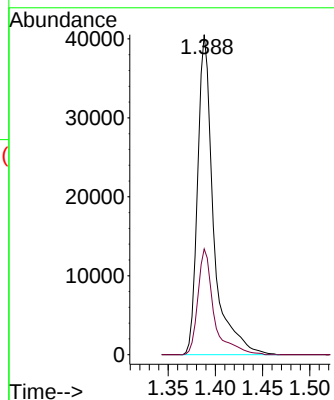
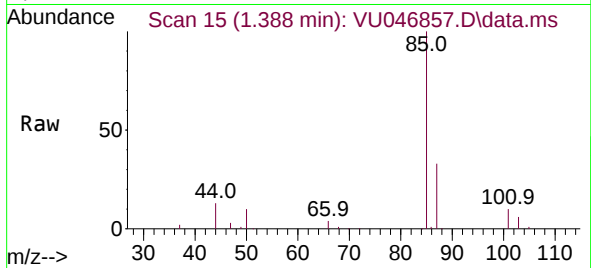
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.321 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU046857.D
 Acq: 26 Jan 2022 20:18

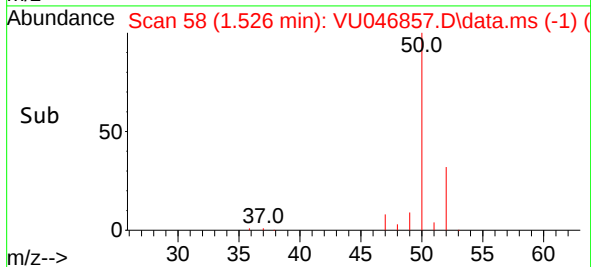
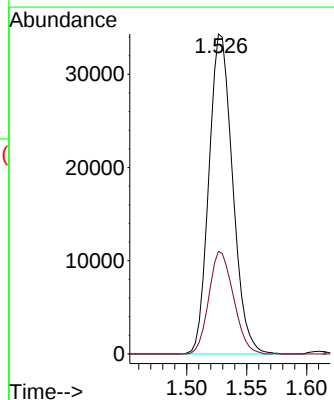
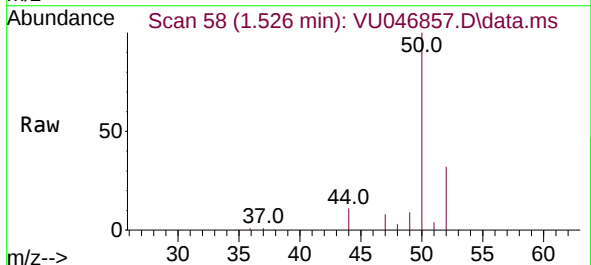
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005173

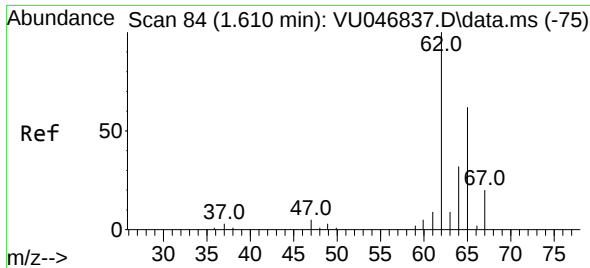
Tgt Ion: 85 Resp: 47524
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.8 38.6



#3
 Chloromethane
 Concen: 6.418 ug/L
 RT: 1.526 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: VU046857.D
 Acq: 26 Jan 2022 20:18

Tgt Ion: 50 Resp: 47203
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.0 42.8

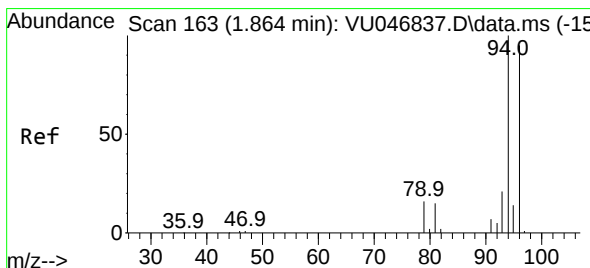
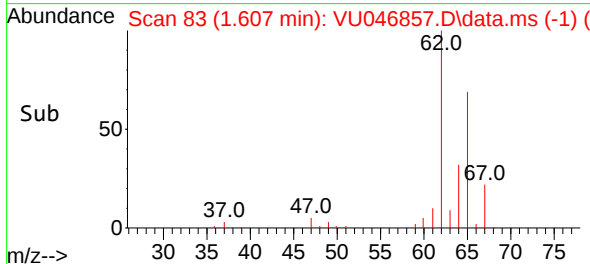
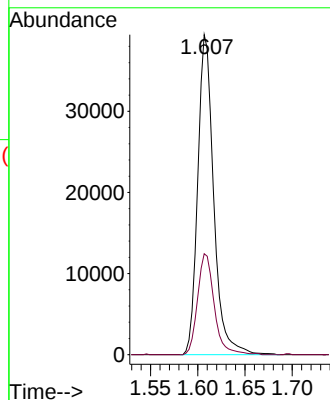
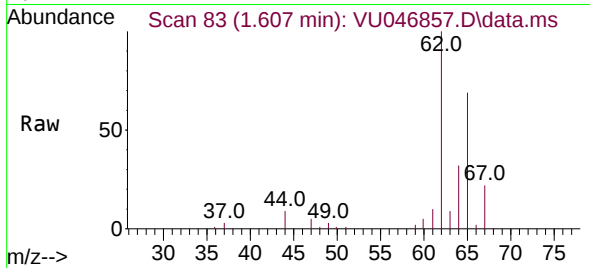




#5
 Vinyl chloride
 Concen: 6.054 ug/L
 RT: 1.607 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VU046857.D
 Acq: 26 Jan 2022 20:18

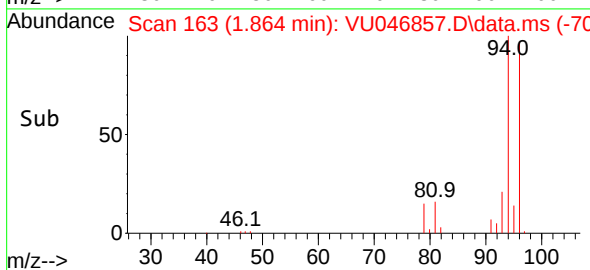
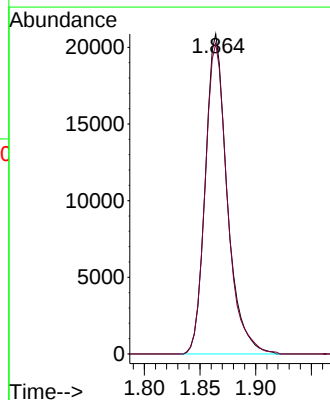
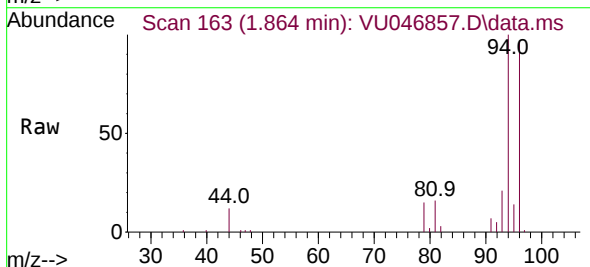
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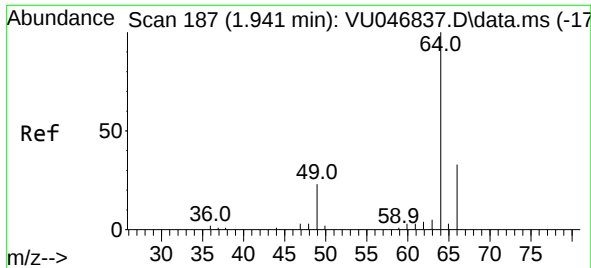
Tgt Ion: 62 Resp: 46364
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.9 42.5



#6
 Bromomethane
 Concen: 5.953 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU046857.D
 Acq: 26 Jan 2022 20:18

Tgt Ion: 94 Resp: 28522
 Ion Ratio Lower Upper
 94 100
 96 97.0 65.5 121.6

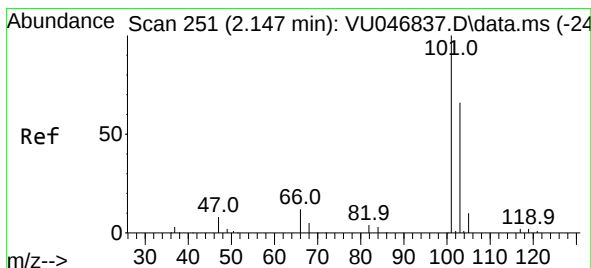
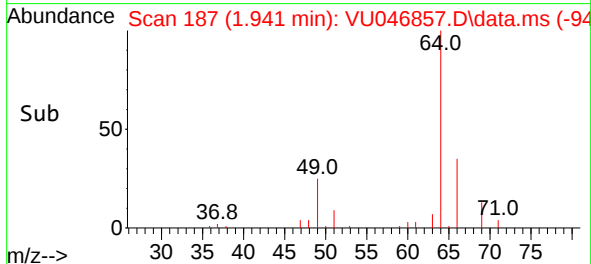
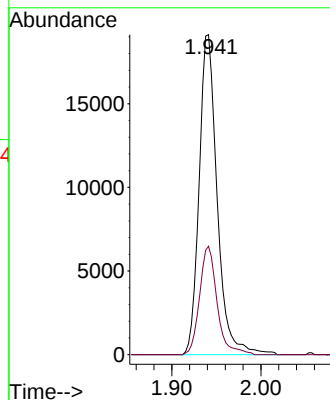
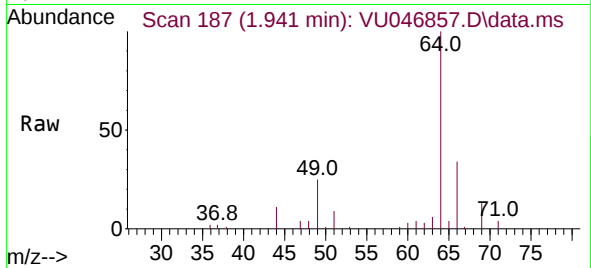




#8
Chloroethane
Concen: 6.110 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

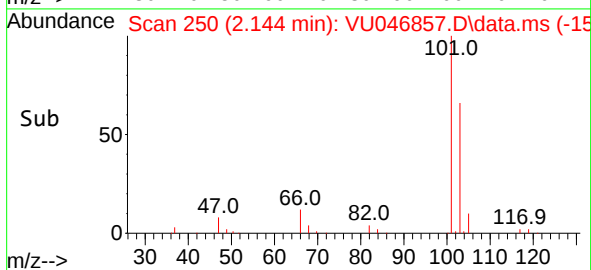
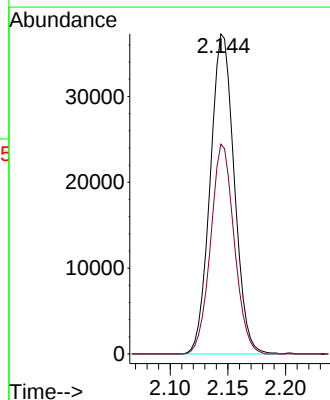
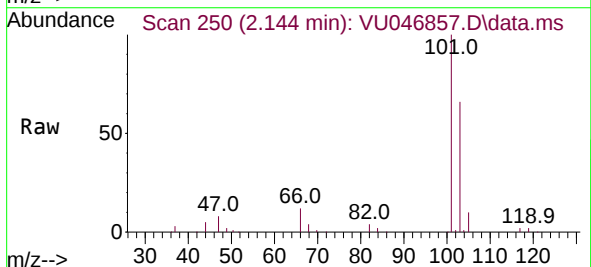
Instrument :
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VSTD005173

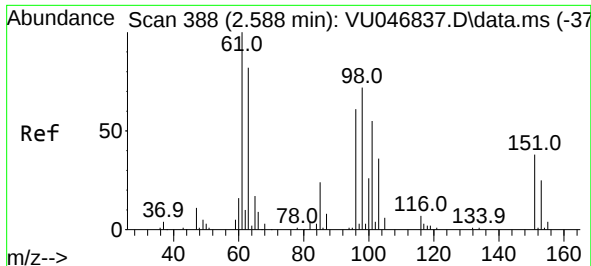
Tgt Ion: 64 Resp: 26934
Ion Ratio Lower Upper
64 100
66 33.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.777 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

Tgt Ion:101 Resp: 53907
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3





#10

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

Concen: 5.060 ug/L

RT: 2.587 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD005173

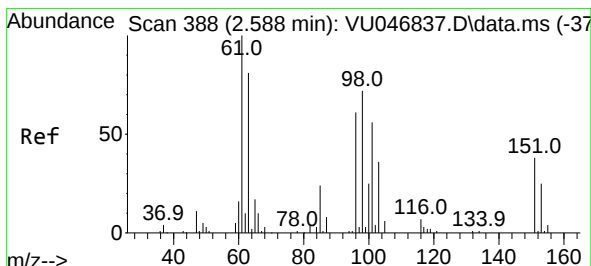
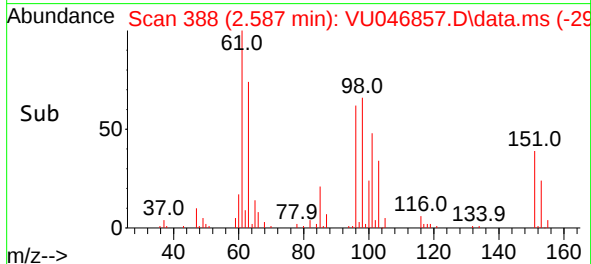
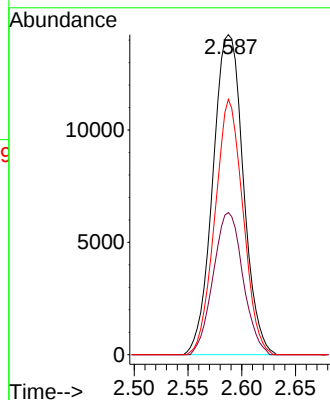
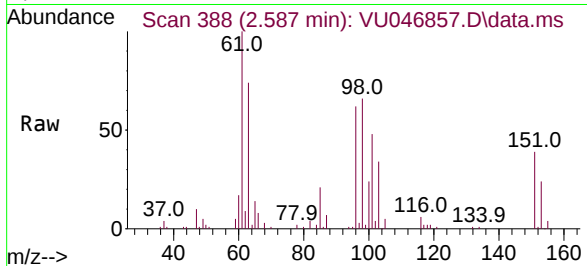
Tgt Ion:101 Resp: 28077

Ion Ratio Lower Upper

101 100

85 43.4 34.6 51.8

151 73.7 56.1 84.1



#12

1,1-Dichloroethene

Concen: 5.644 ug/L

RT: 2.587 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

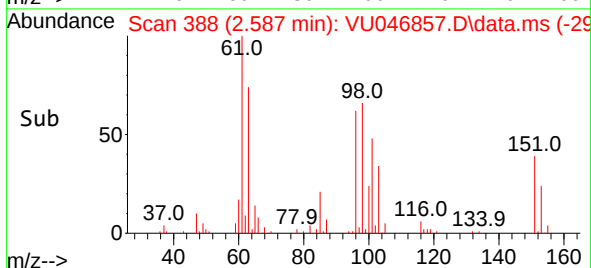
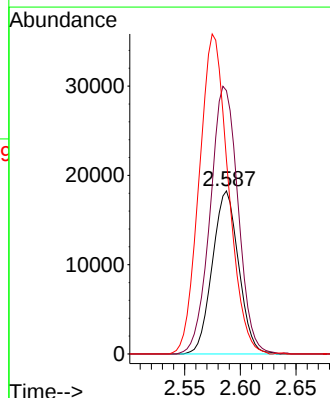
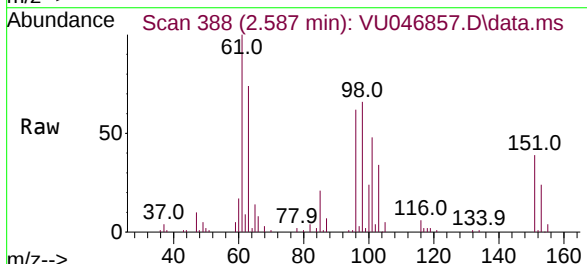
Tgt Ion: 96 Resp: 29926

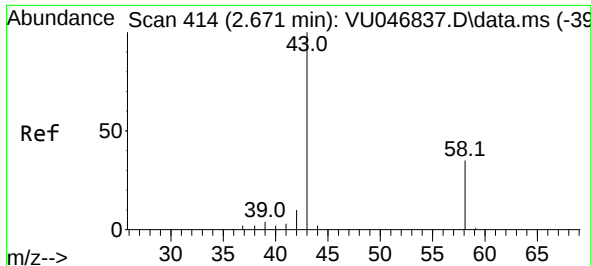
Ion Ratio Lower Upper

96 100

61 161.6 124.7 231.5

63 119.1 105.2 195.4





#13

Acetone

Concen: 42.370 ug/L

RT: 2.681 min Scan# 41

Delta R.T. 0.009 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

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MSVOA_U

ClientSampleId :

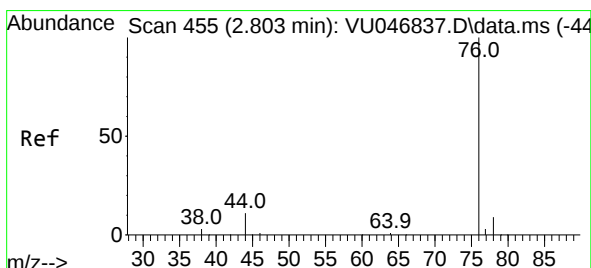
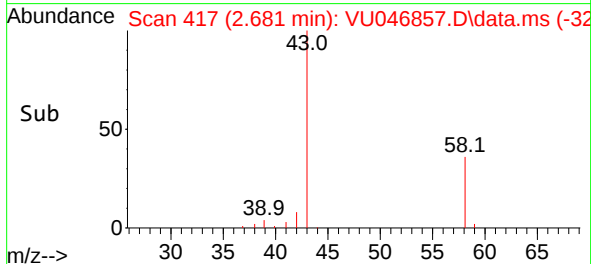
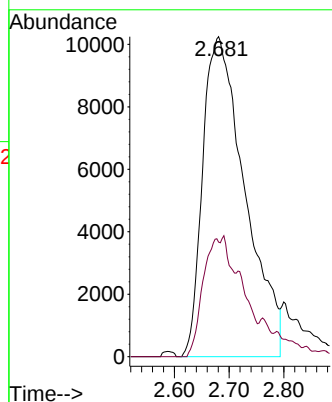
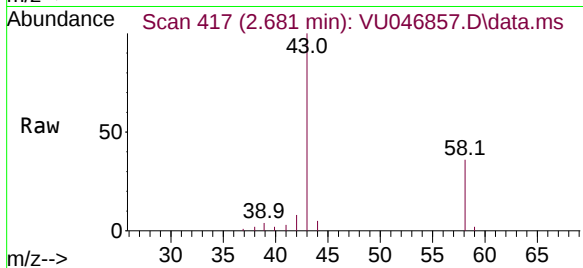
VSTD005173

Tgt Ion: 43 Resp: 54930

Ion Ratio Lower Upper

43 100

58 15.3 0.0 71.6



#14

Carbon disulfide

Concen: 5.314 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.003 min

Lab File: VU046857.D

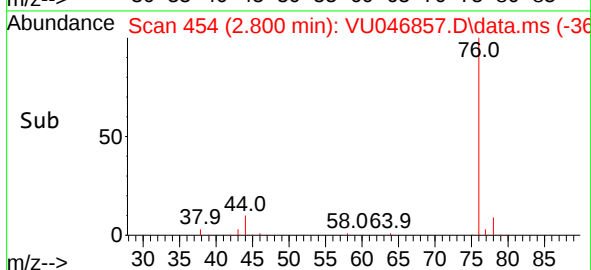
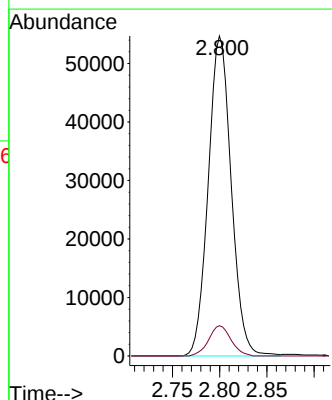
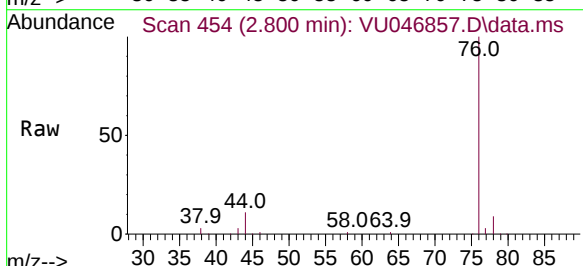
Acq: 26 Jan 2022 20:18

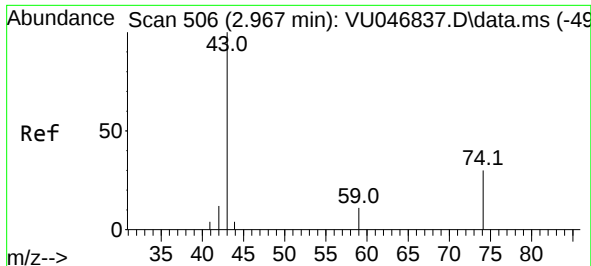
Tgt Ion: 76 Resp: 92534

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

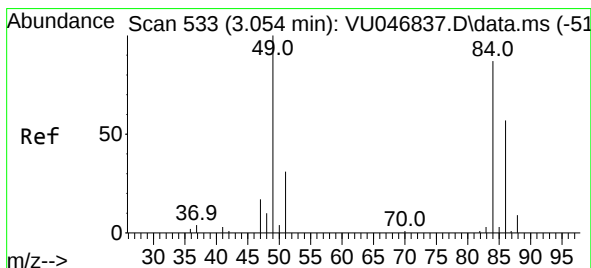
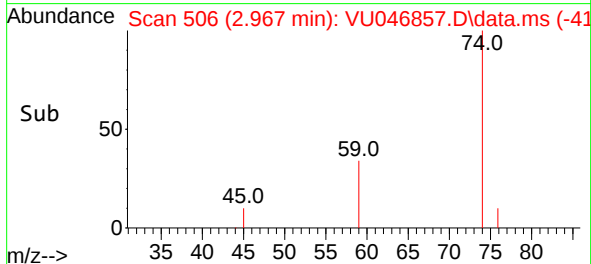
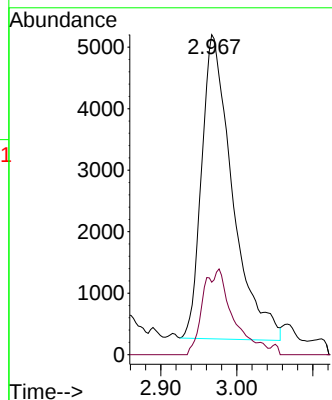
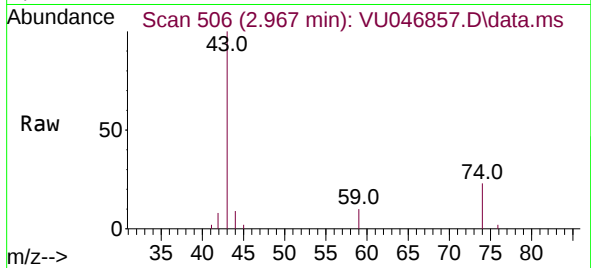




#15
Methyl Acetate
Concen: 4.915 ug/L
RT: 2.967 min Scan# 506
Delta R.T. -0.000 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

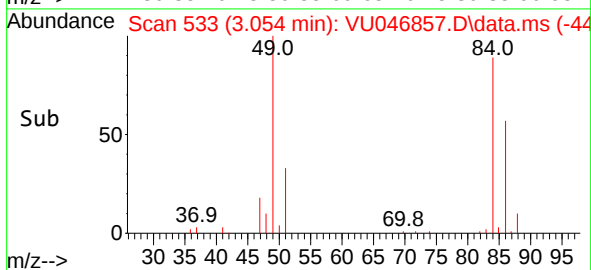
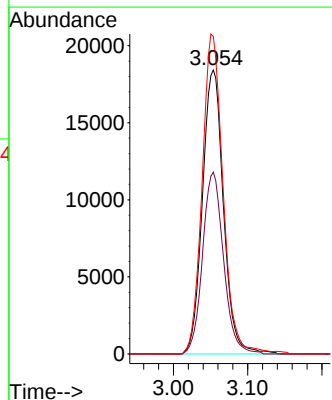
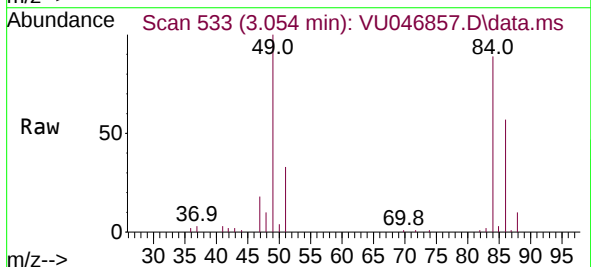
Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

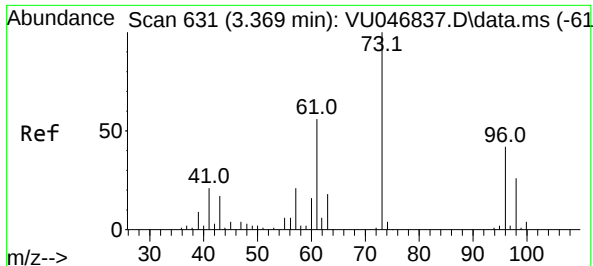
Tgt Ion: 43 Resp: 13919
Ion Ratio Lower Upper
43 100
74 9.7 19.1 28.7#



#16
Methylene chloride
Concen: 5.653 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

Tgt Ion: 84 Resp: 36195
Ion Ratio Lower Upper
84 100
86 64.1 45.8 85.0
49 111.8 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.461 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD005173

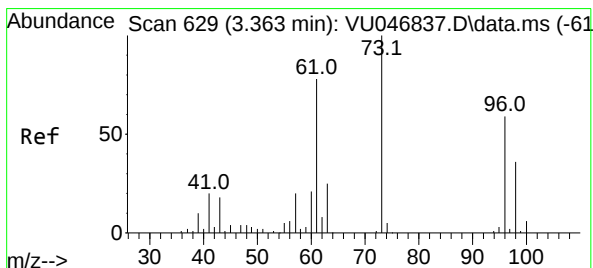
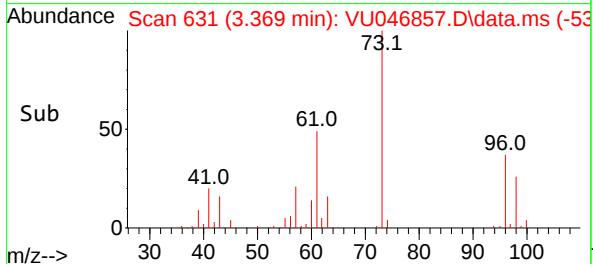
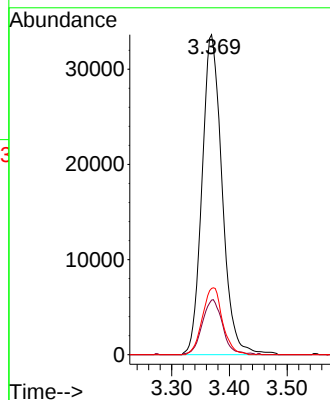
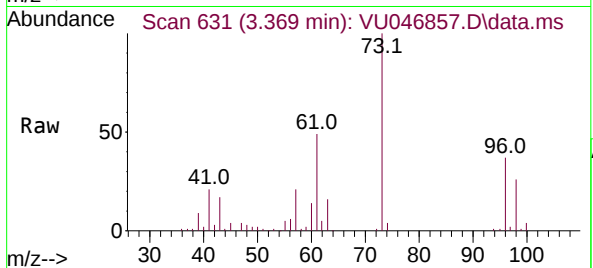
Tgt Ion: 73 Resp: 81240

Ion Ratio Lower Upper

73 100

43 17.3 14.8 22.2

57 20.9 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.384 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

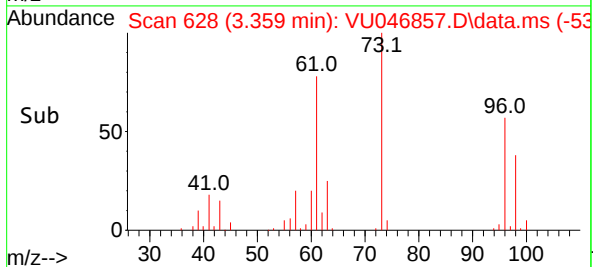
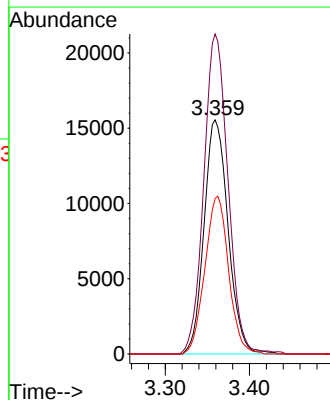
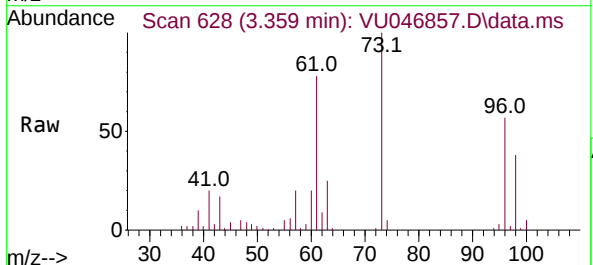
Tgt Ion: 96 Resp: 30919

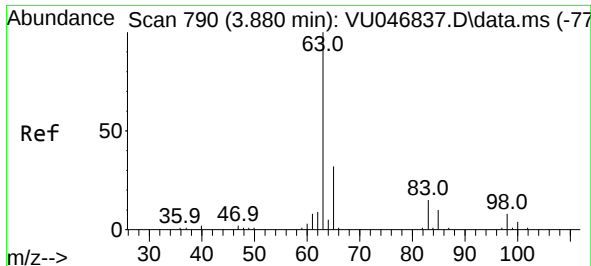
Ion Ratio Lower Upper

96 100

61 136.7 100.8 187.2

98 66.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.968 ug/L

RT: 3.877 min Scan# 790

Delta R.T. -0.003 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD005173

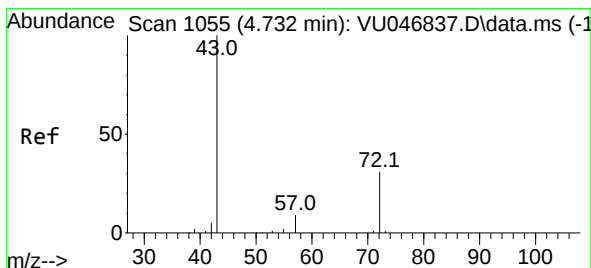
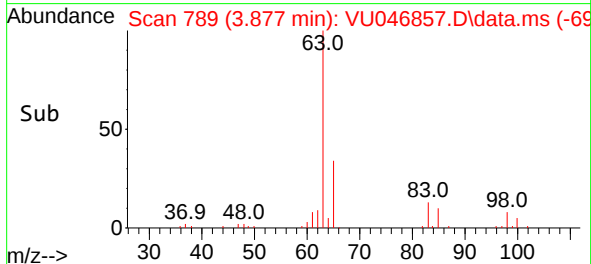
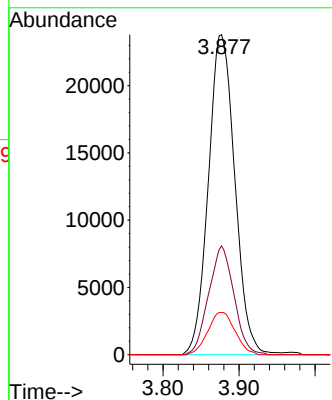
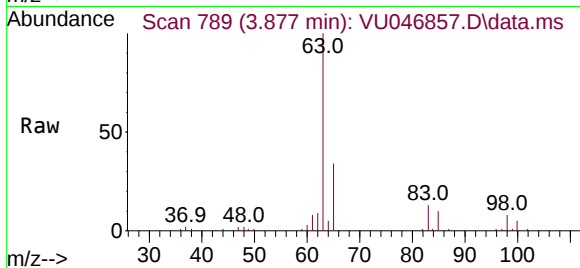
Tgt Ion: 63 Resp: 57536

Ion Ratio Lower Upper

63 100

65 34.0 22.3 41.5

83 13.2 9.6 17.8



#21

2-Butanone

Concen: 47.333 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VU046857.D

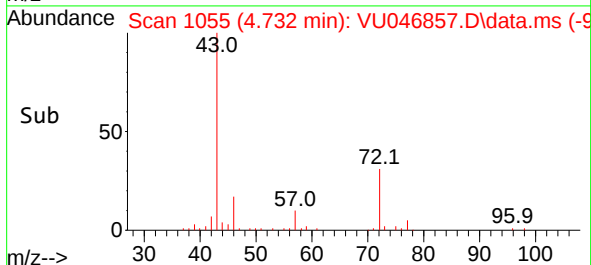
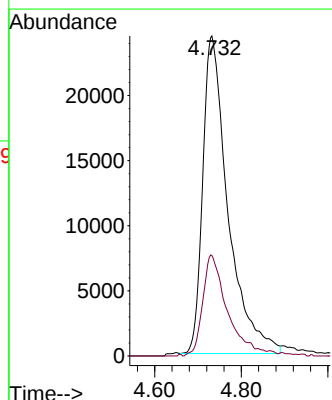
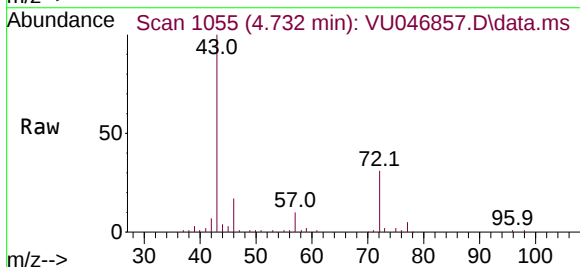
Acq: 26 Jan 2022 20:18

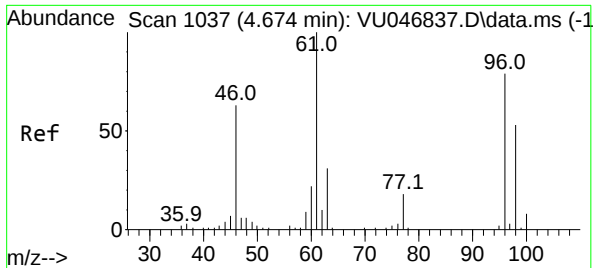
Tgt Ion: 43 Resp: 98688

Ion Ratio Lower Upper

43 100

72 30.8 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 5.700 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD005173

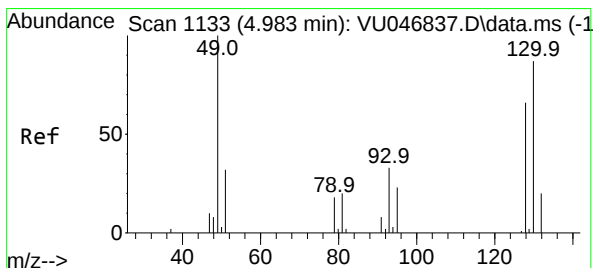
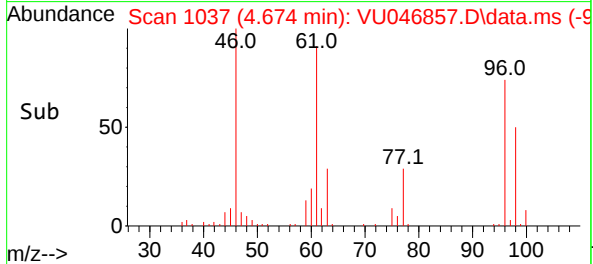
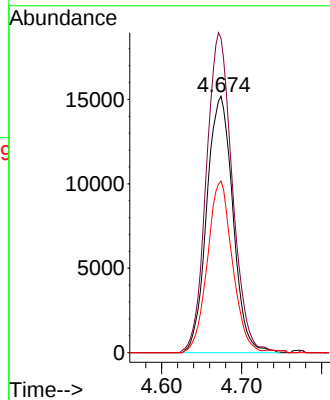
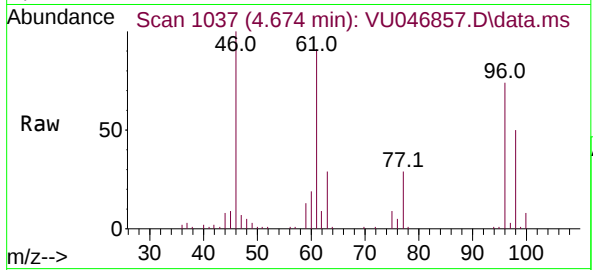
Tgt Ion: 96 Resp: 34529

Ion Ratio Lower Upper

96 100

61 122.7 88.5 164.3

98 66.9 44.4 82.5



#23

Bromochloromethane

Concen: 5.694 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

Tgt Ion: 128 Resp: 16970

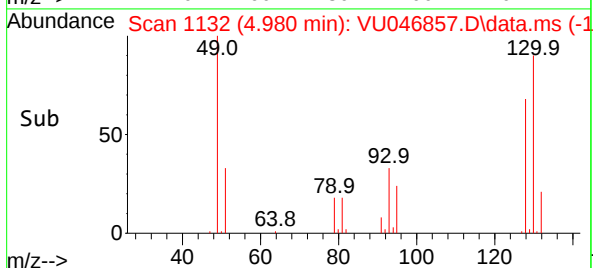
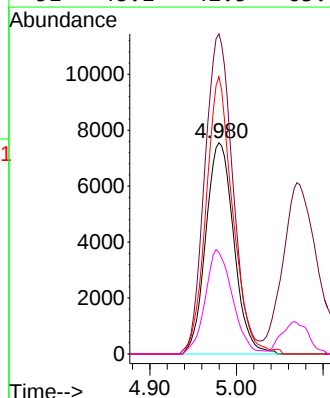
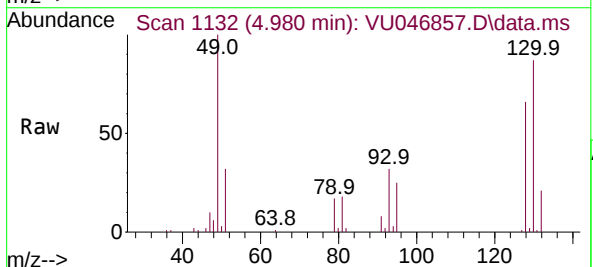
Ion Ratio Lower Upper

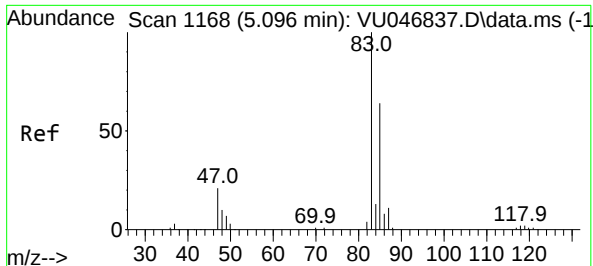
128 100

49 151.5 117.0 217.2

130 131.3 88.2 163.8

51 48.1 42.5 63.7





#25

Chloroform

Concen: 4.181 ug/L

RT: 5.092 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :

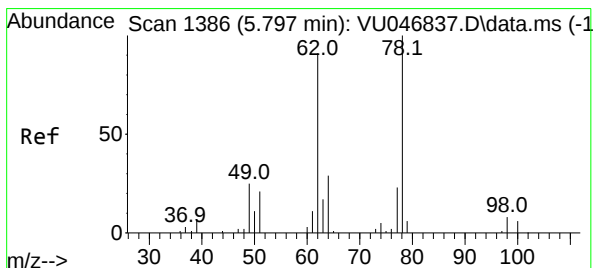
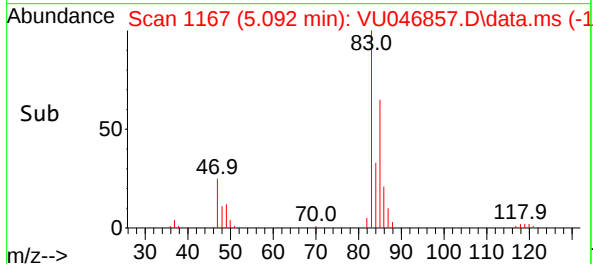
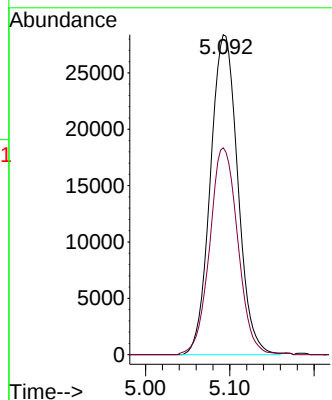
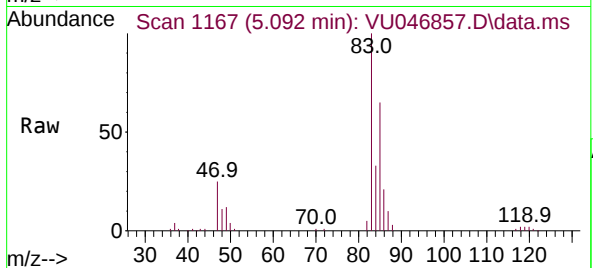
VSTD005173

Tgt Ion: 83 Resp: 63984

Ion Ratio Lower Upper

83 100

85 64.7 46.9 87.1



#27

1,2-Dichloroethane

Concen: 6.190 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU046857.D

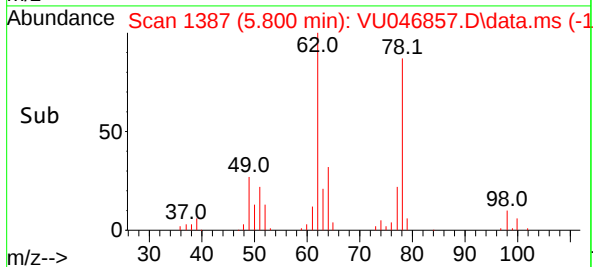
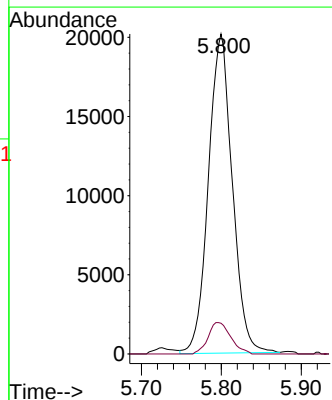
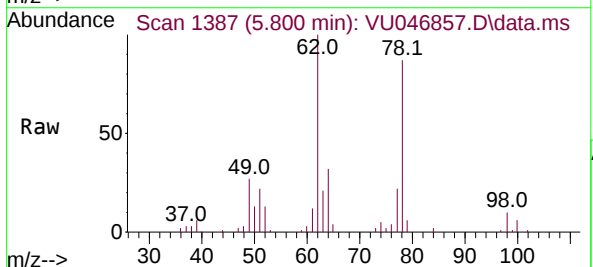
Acq: 26 Jan 2022 20:18

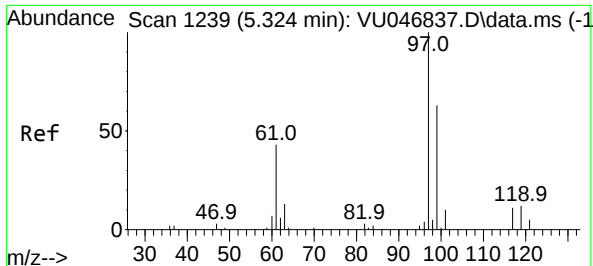
Tgt Ion: 62 Resp: 41807

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.544 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD005173

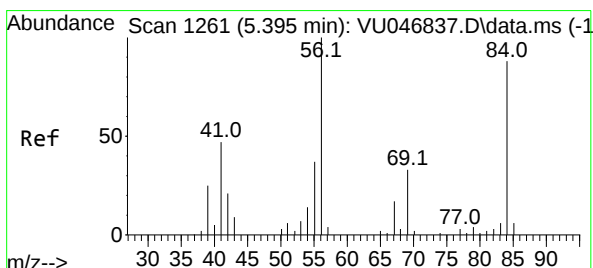
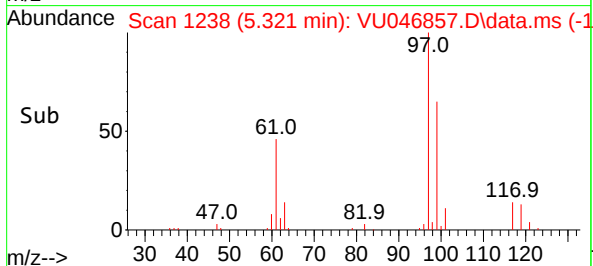
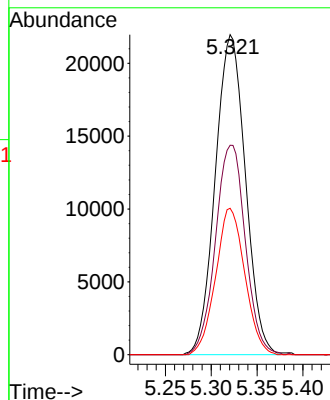
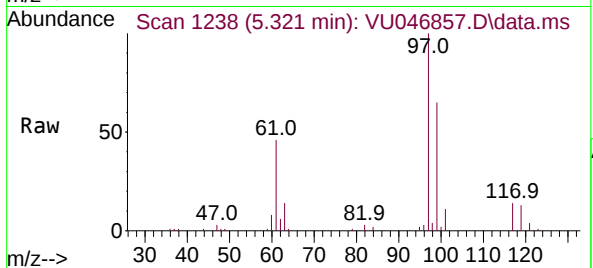
Tgt Ion: 97 Resp: 50219

Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

61 44.2 36.1 54.1



#30

Cyclohexane

Concen: 4.449 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

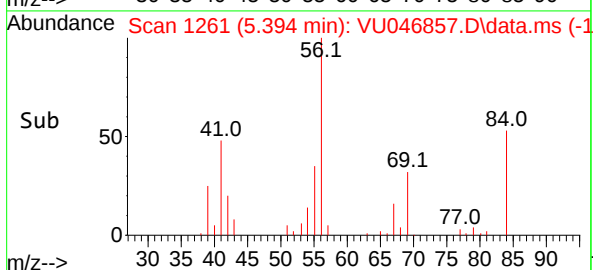
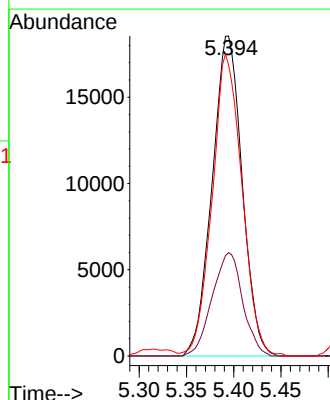
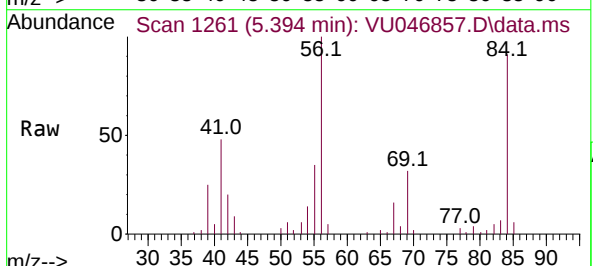
Tgt Ion: 56 Resp: 40876

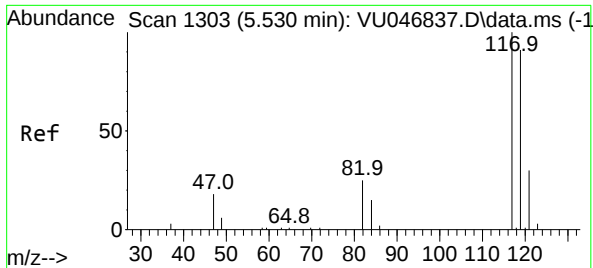
Ion Ratio Lower Upper

56 100

69 32.9 24.7 37.1

84 93.7 71.8 107.6

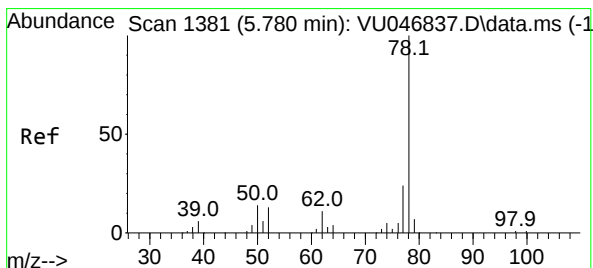
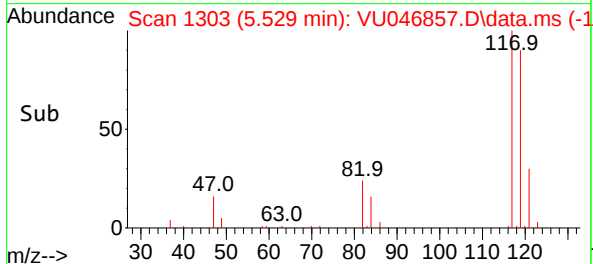
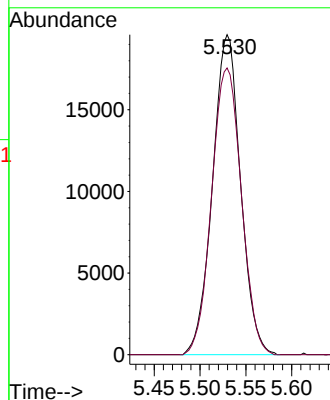
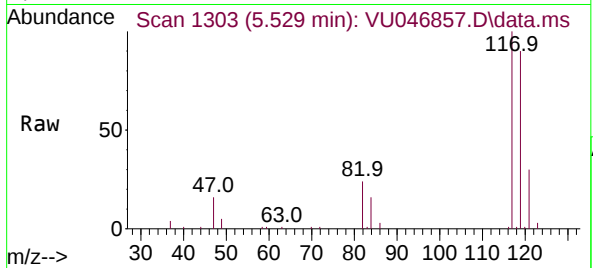




#31
Carbon tetrachloride
Concen: 5.361 ug/L
RT: 5.529 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

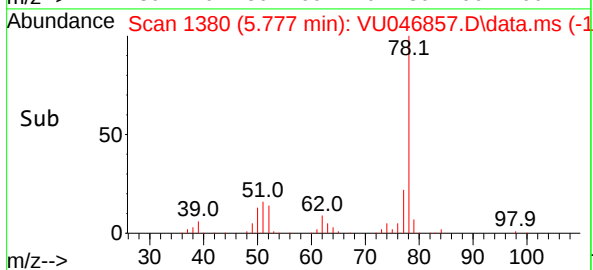
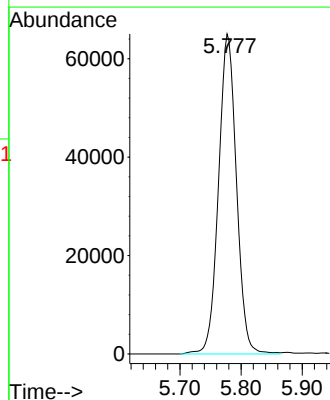
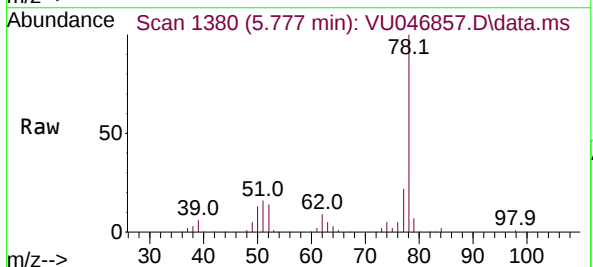
Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

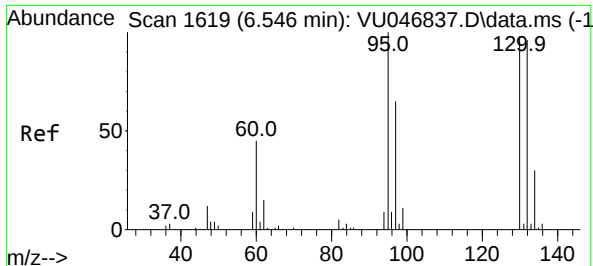
Tgt Ion:117 Resp: 41668
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3



#33
Benzene
Concen: 5.599 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

Tgt Ion: 78 Resp: 132572



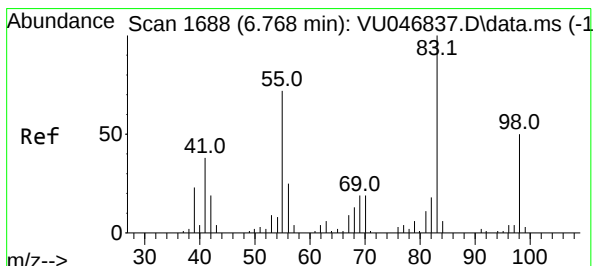
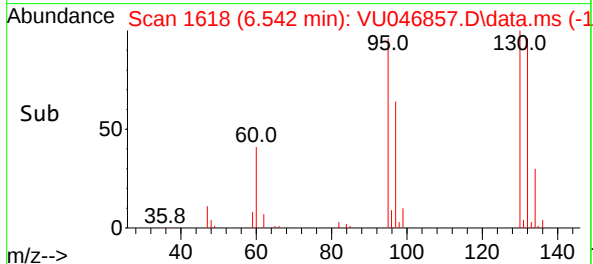
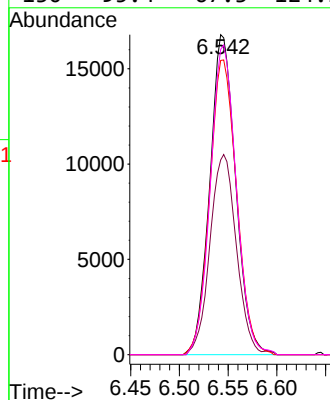
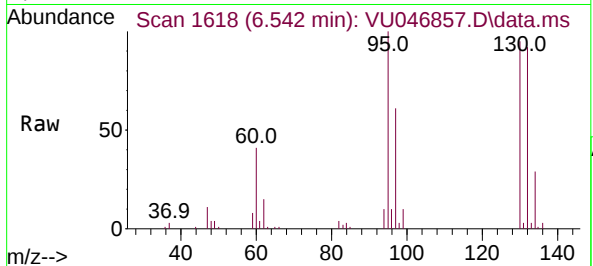


#34
Trichloroethene
Concen: 5.047 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

Tgt Ion: 95 Resp: 31029

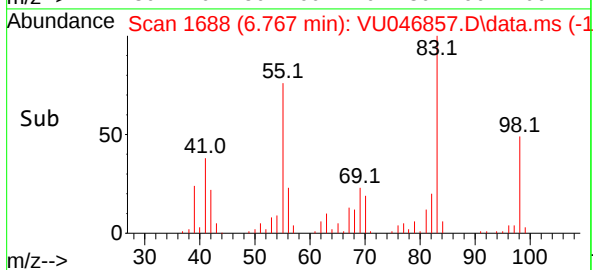
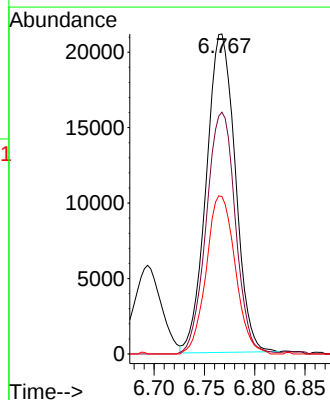
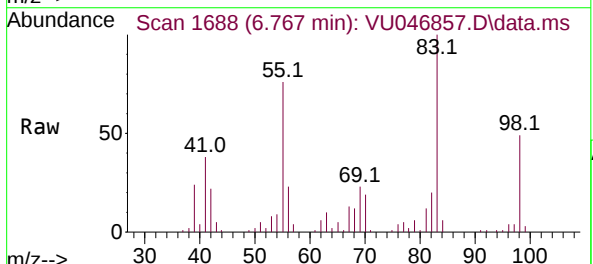
Ion	Ratio	Lower	Upper
95	100		
97	60.9	46.5	86.5
132	92.0	65.1	120.9
130	95.4	67.3	124.9

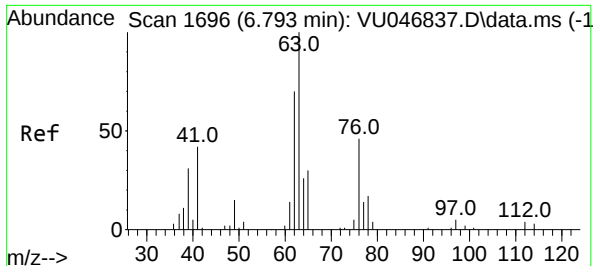


#35
Methylcyclohexane
Concen: 4.114 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

Tgt Ion: 83 Resp: 42367

Ion	Ratio	Lower	Upper
83	100		
55	76.3	61.9	92.9
98	49.6	39.0	58.6





#37

1,2-Dichloropropane

Concen: 5.894 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :

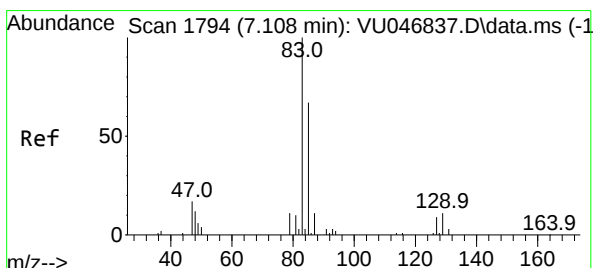
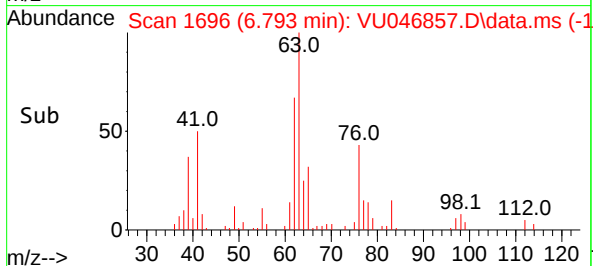
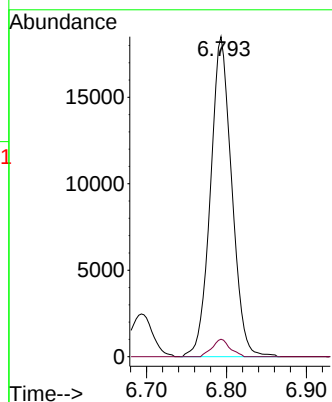
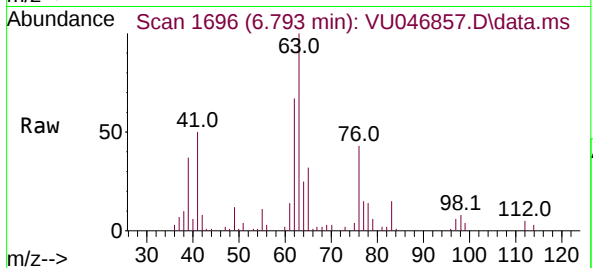
VSTD005173

Tgt Ion: 63 Resp: 34233

Ion Ratio Lower Upper

63 100

112 4.5 3.2 4.8



#38

Bromodichloromethane

Concen: 5.145 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

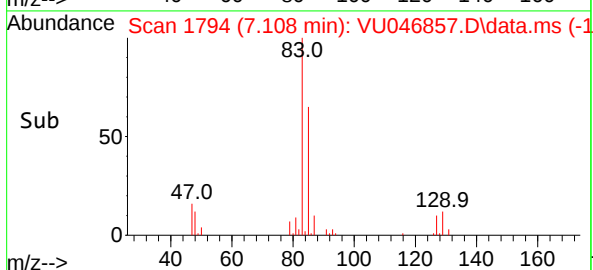
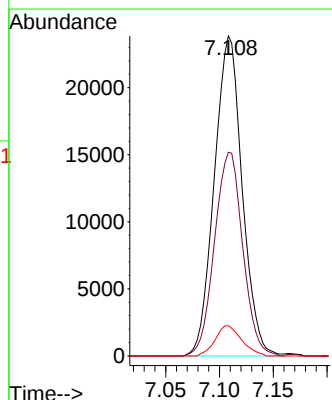
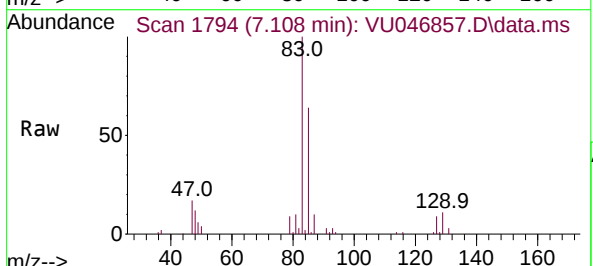
Tgt Ion: 83 Resp: 43012

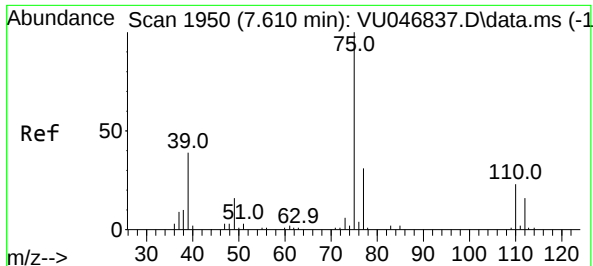
Ion Ratio Lower Upper

83 100

85 63.6 44.0 81.8

127 9.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.108 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :

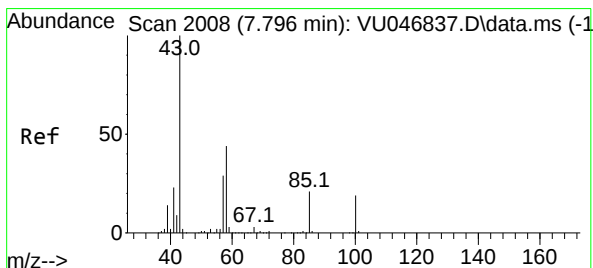
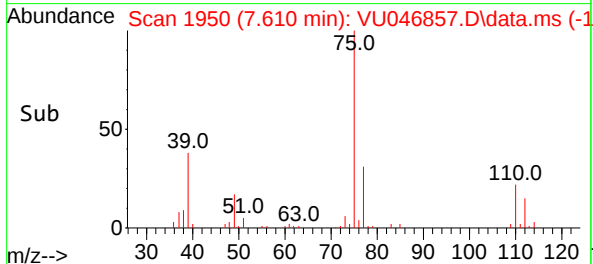
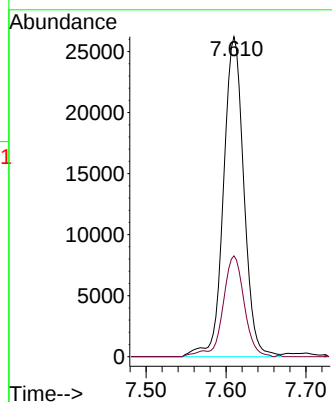
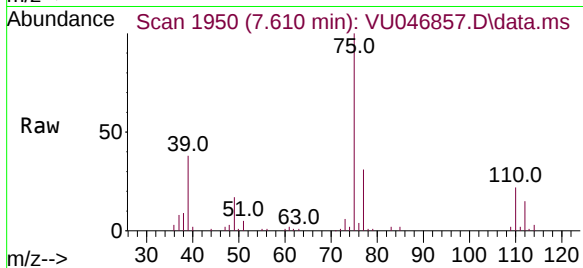
VSTD005173

Tgt Ion: 75 Resp: 46289

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 52.817 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

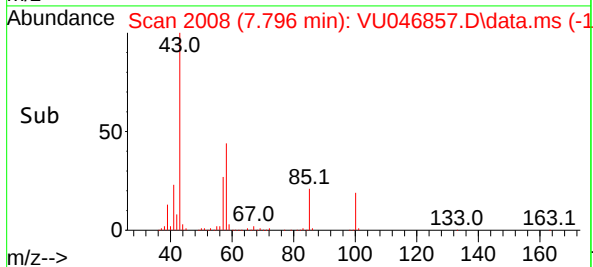
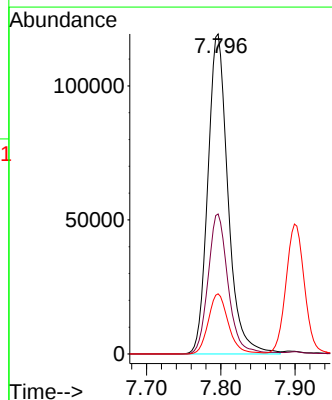
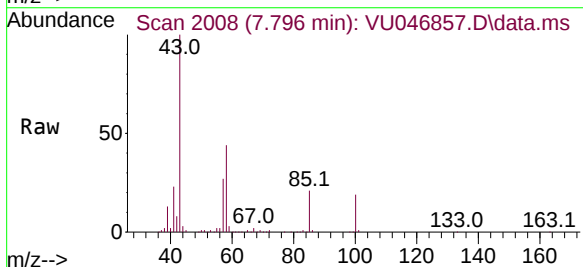
Tgt Ion: 43 Resp: 224904

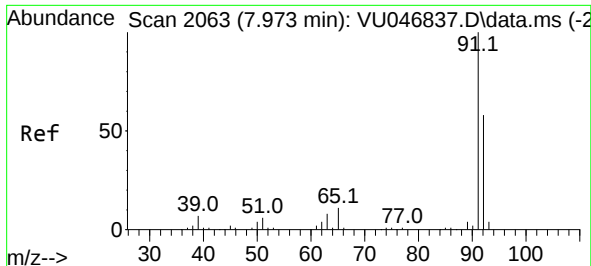
Ion Ratio Lower Upper

43 100

58 43.7 33.1 49.7

100 18.8 13.2 19.8





#42

Toluene

Concen: 4.736 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :

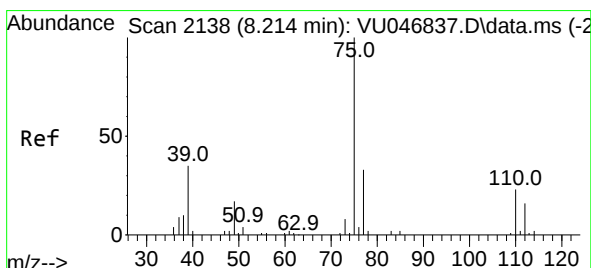
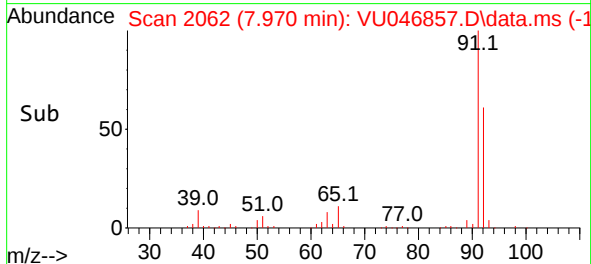
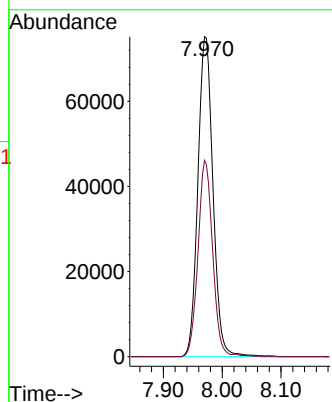
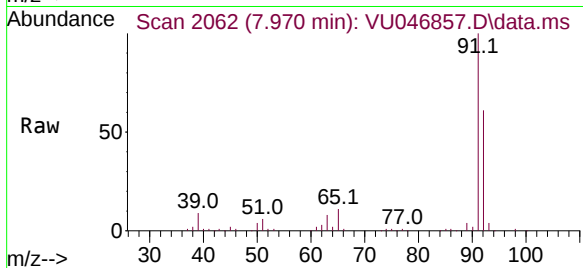
VSTD005173

Tgt Ion: 91 Resp: 134029

Ion Ratio Lower Upper

91 100

92 61.3 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.323 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046857.D

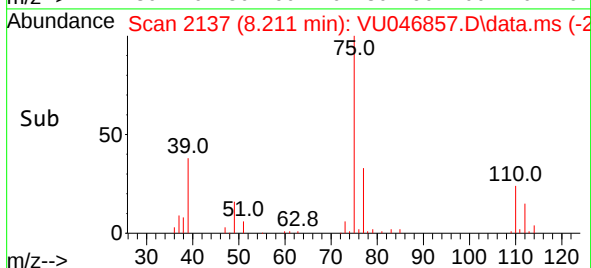
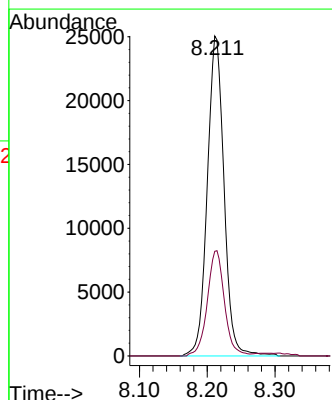
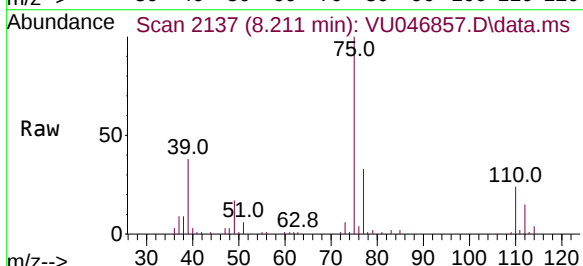
Acq: 26 Jan 2022 20:18

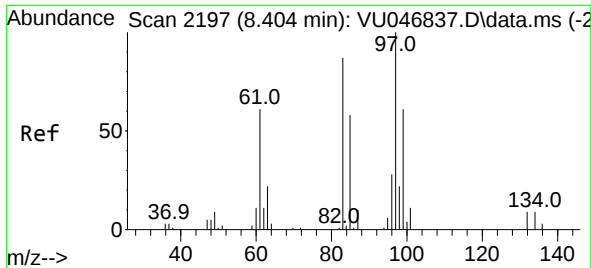
Tgt Ion: 75 Resp: 42978

Ion Ratio Lower Upper

75 100

77 32.7 22.7 42.3

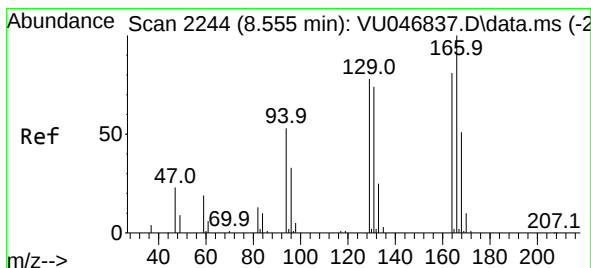
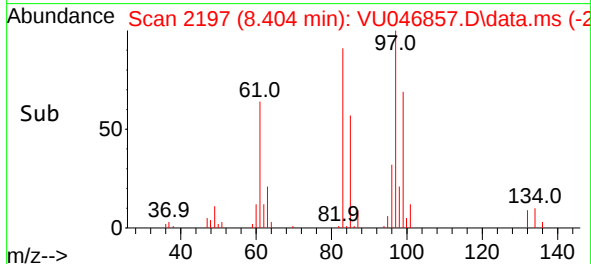
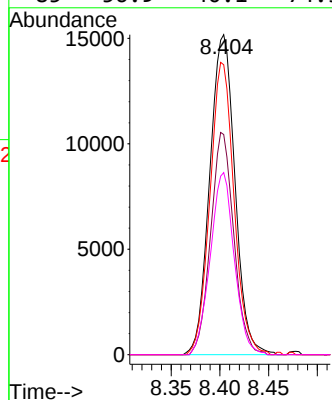
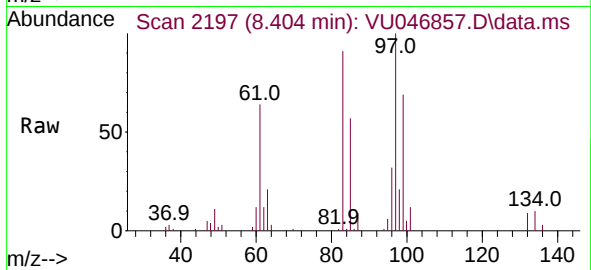




#45
1,1,2-Trichloroethane
Concen: 5.520 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

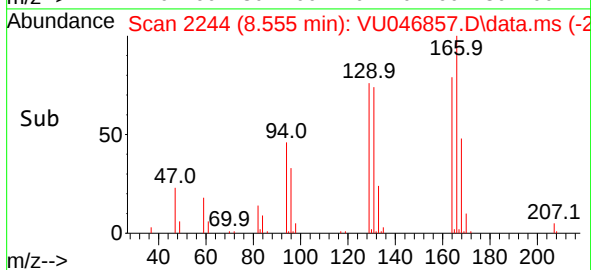
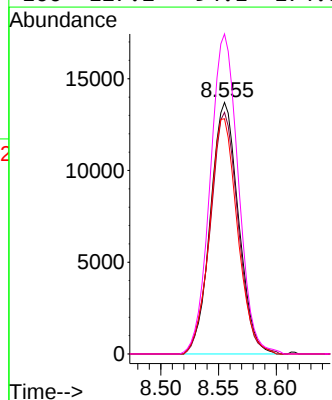
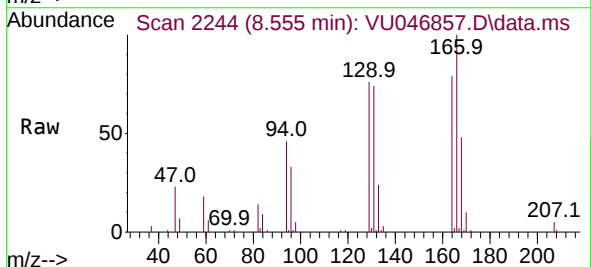
Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

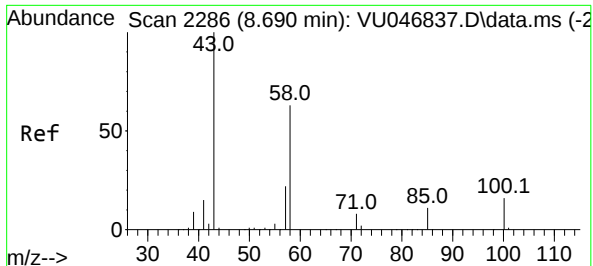
Tgt Ion:	97	Resp:	27278
Ion	Ratio	Lower	Upper
97	100		
99	68.8	42.3	78.5
83	90.6	62.0	115.2
85	56.9	40.1	74.5



#47
Tetrachloroethene
Concen: 4.634 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

Tgt Ion:	164	Resp:	23168
Ion	Ratio	Lower	Upper
164	100		
129	96.0	71.8	133.4
131	93.5	68.5	127.3
166	127.2	94.1	174.8

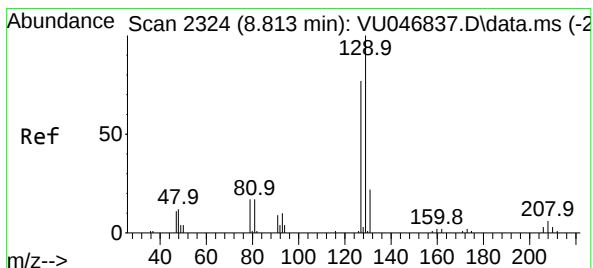
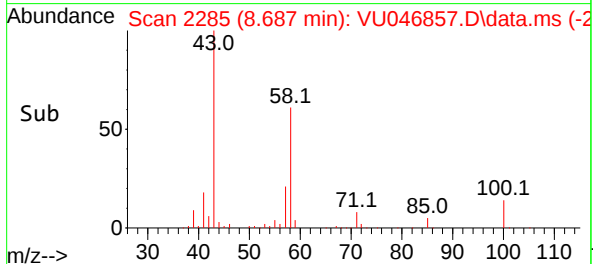
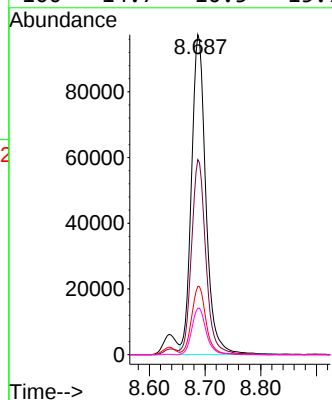
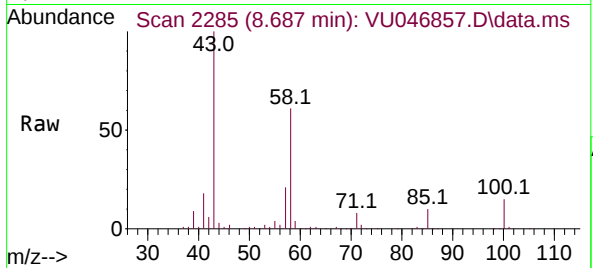




#48
2-Hexanone
Concen: 54.312 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

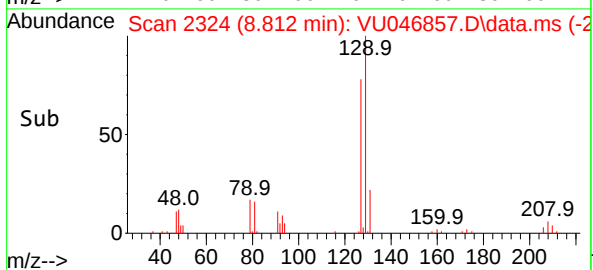
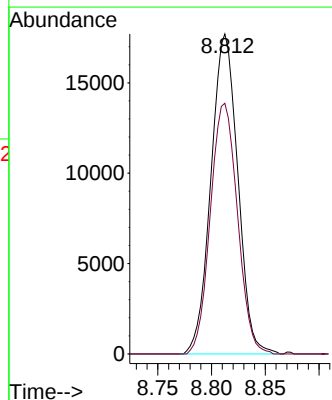
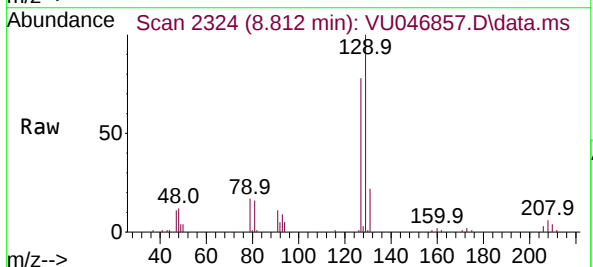
Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

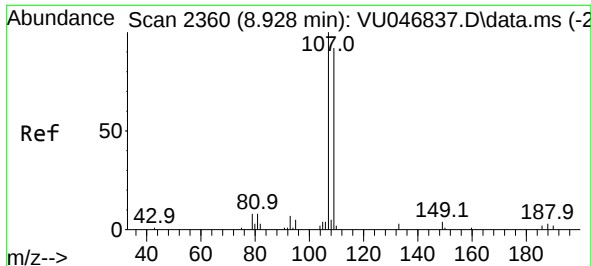
Tgt Ion: 43 Resp: 174566
Ion Ratio Lower Upper
43 100
58 61.0 46.7 70.1
57 21.1 16.3 24.5
100 14.7 10.5 15.7



#49
Dibromochloromethane
Concen: 5.277 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

Tgt Ion: 129 Resp: 30762
Ion Ratio Lower Upper
129 100
127 78.4 55.4 102.8

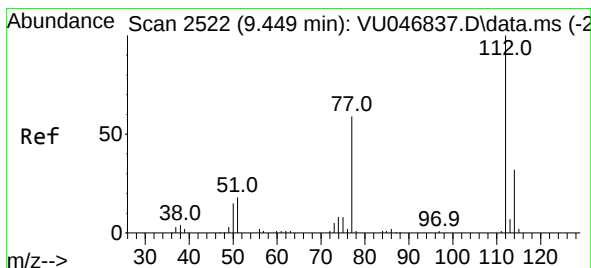
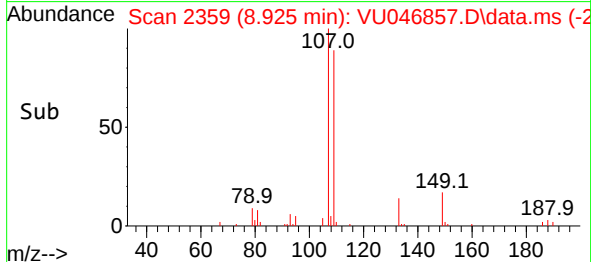
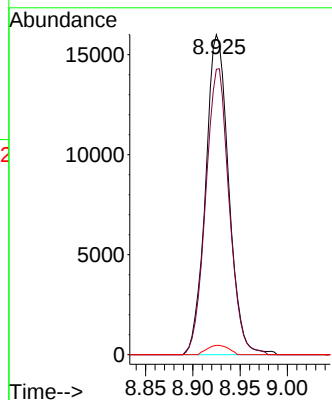
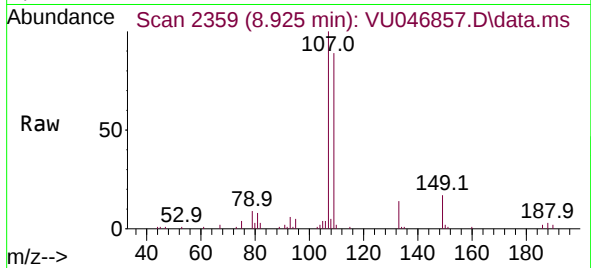




#50
1,2-Dibromoethane
Concen: 5.441 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

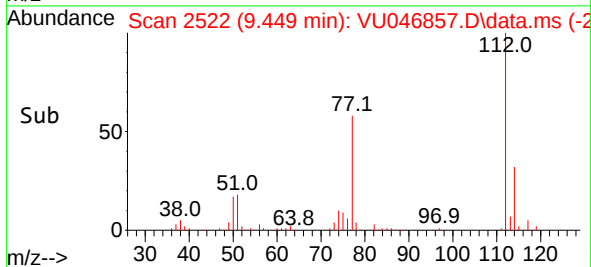
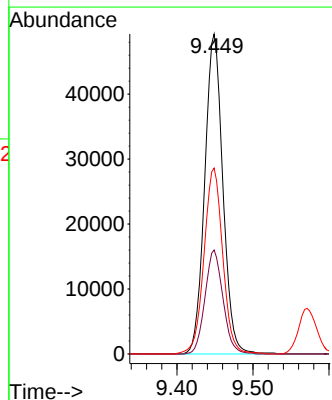
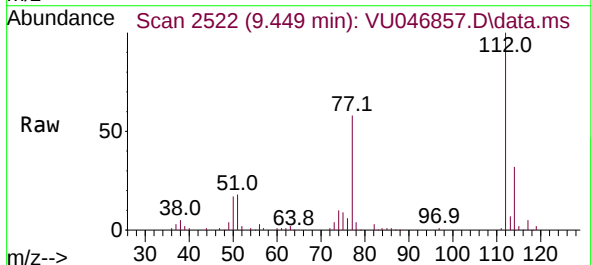
Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

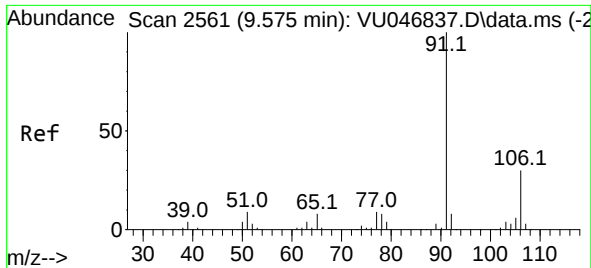
Tgt Ion:107 Resp: 27251
Ion Ratio Lower Upper
107 100
109 89.2 64.0 119.0
188 2.9 2.4 3.6



#51
Chlorobenzene
Concen: 4.976 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

Tgt Ion:112 Resp: 81792
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 58.1 48.3 72.5

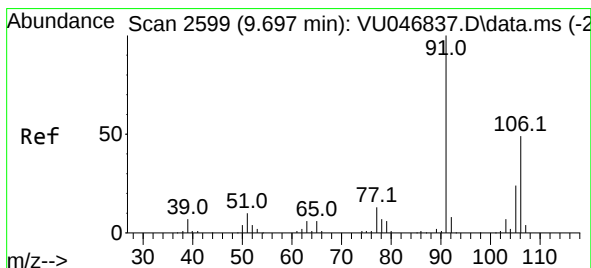
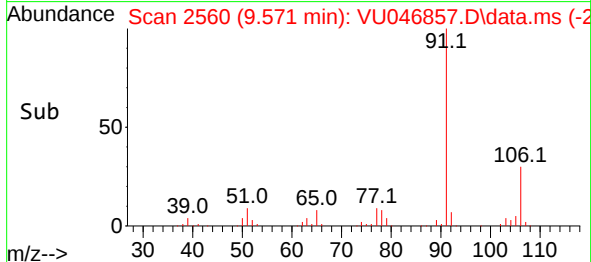
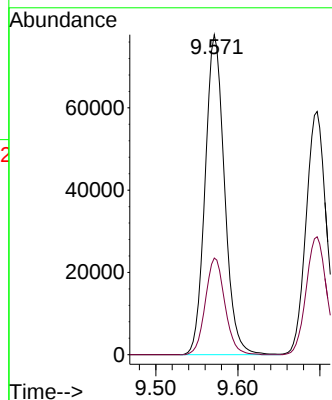
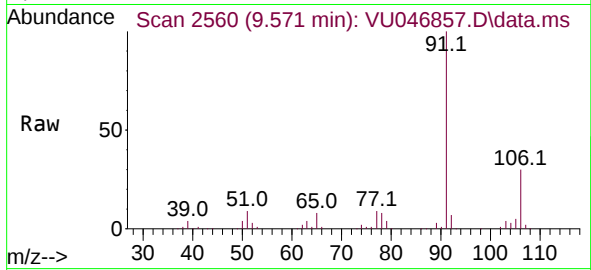




#52
Ethylbenzene
Concen: 4.743 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

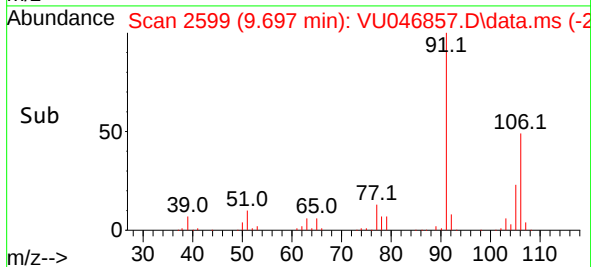
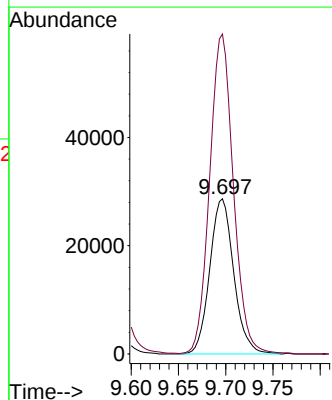
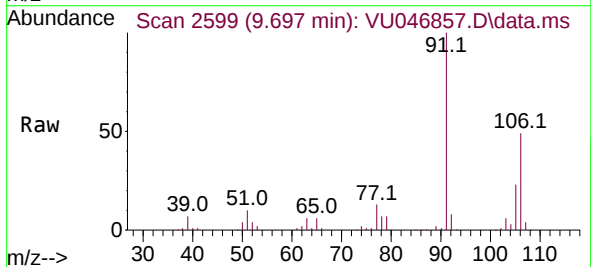
Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

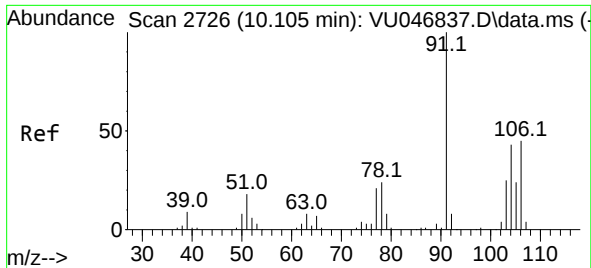
Tgt Ion: 91 Resp: 127626
Ion Ratio Lower Upper
91 100
106 30.2 21.5 39.9



#53
m,p-Xylene
Concen: 4.716 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

Tgt Ion:106 Resp: 50585
Ion Ratio Lower Upper
106 100
91 206.1 139.4 259.0

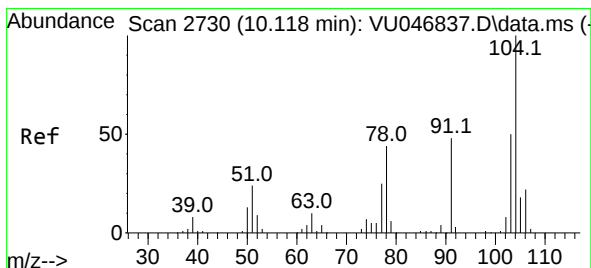
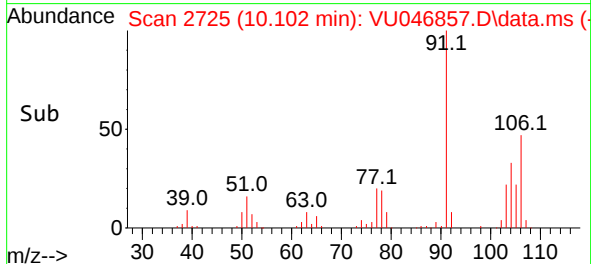
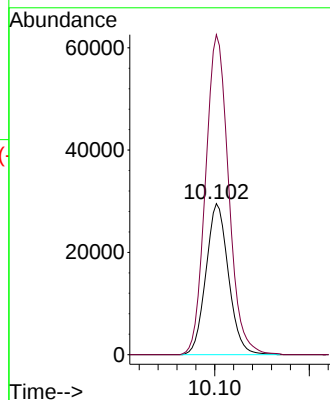
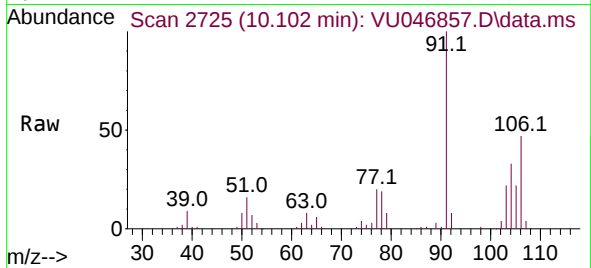




#54
o-Xylene
Concen: 4.702 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

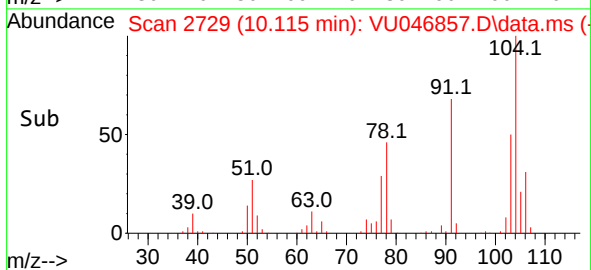
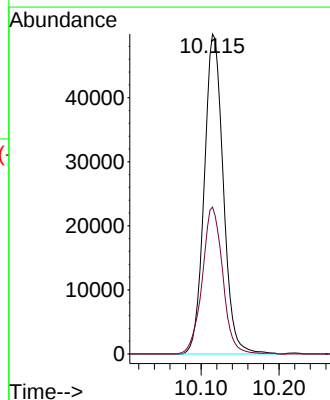
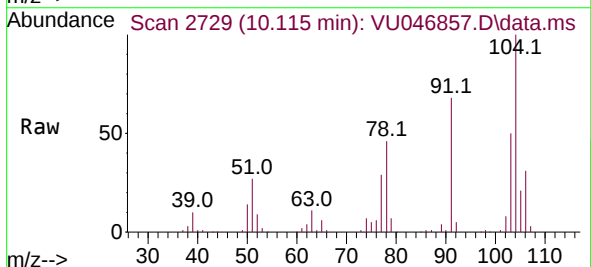
Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

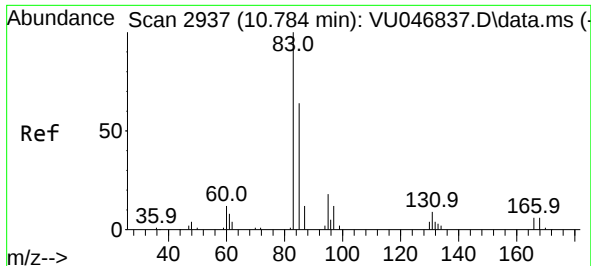
Tgt Ion:106 Resp: 48886
Ion Ratio Lower Upper
106 100
91 211.9 147.5 273.9



#55
Styrene
Concen: 4.985 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

Tgt Ion:104 Resp: 84792
Ion Ratio Lower Upper
104 100
78 45.9 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.358 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD005173

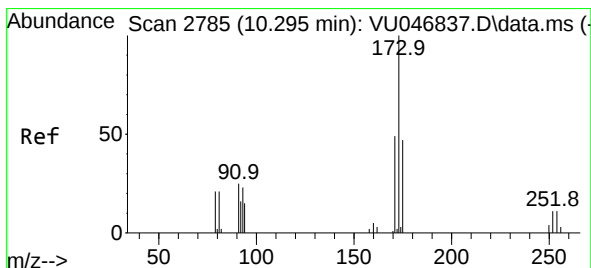
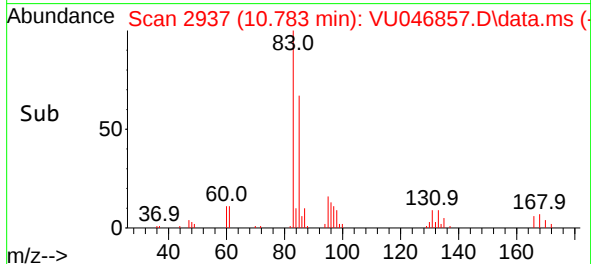
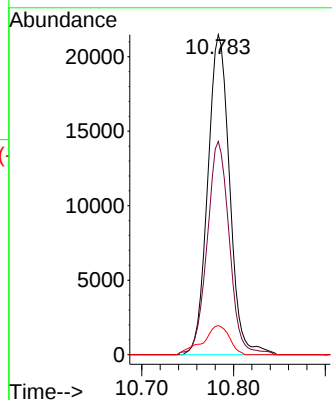
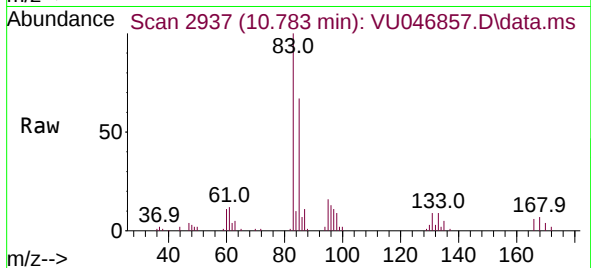
Tgt Ion: 83 Resp: 35605

Ion Ratio Lower Upper

83 100

85 66.6 47.9 89.1

131 9.1 8.1 12.1



#59

Bromoform

Concen: 5.375 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. -0.000 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

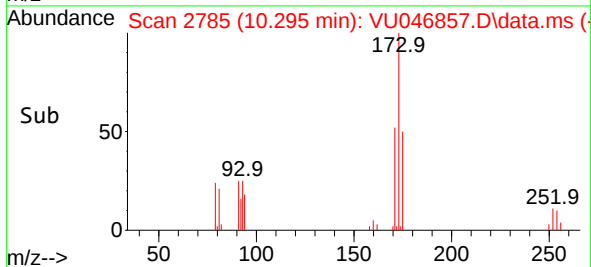
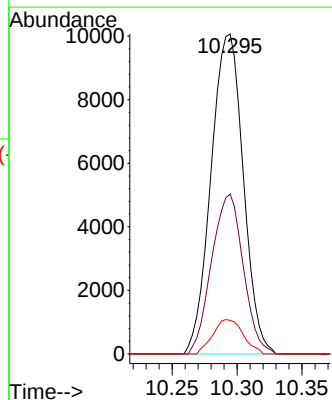
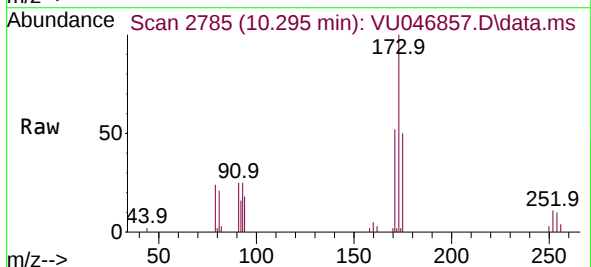
Tgt Ion:173 Resp: 17363

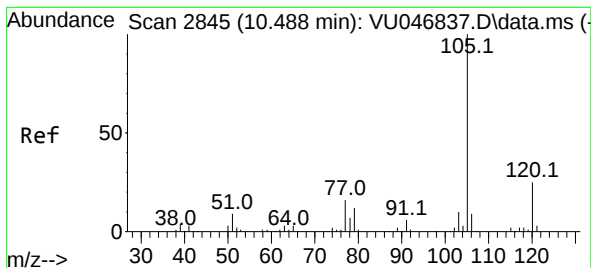
Ion Ratio Lower Upper

173 100

175 49.0 37.8 56.6

254 10.1 7.3 10.9





#60

Isopropylbenzene

Concen: 5.039 ug/L

RT: 10.488 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD005173

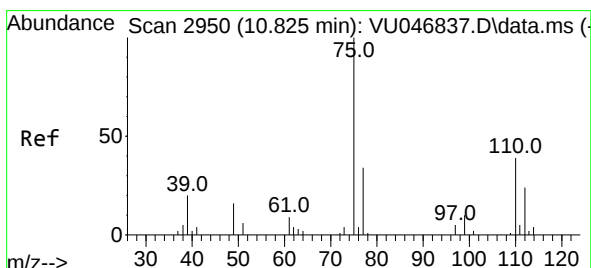
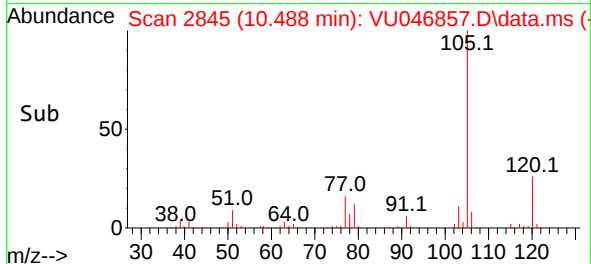
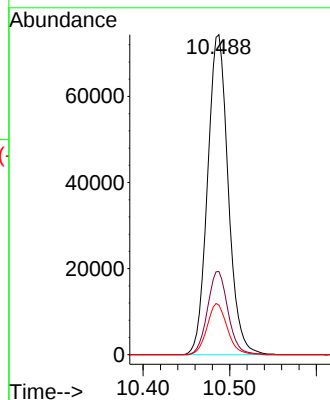
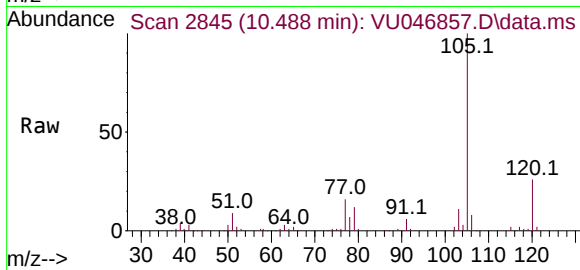
Tgt Ion:105 Resp: 123123

Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.972 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

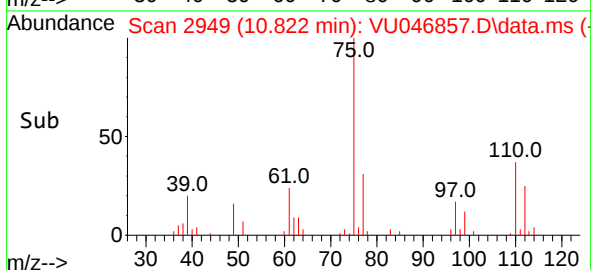
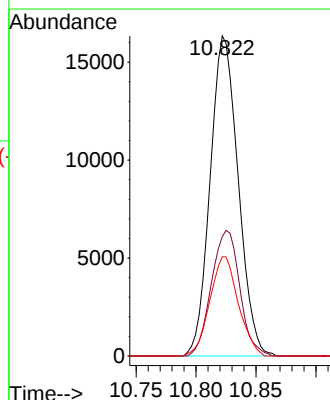
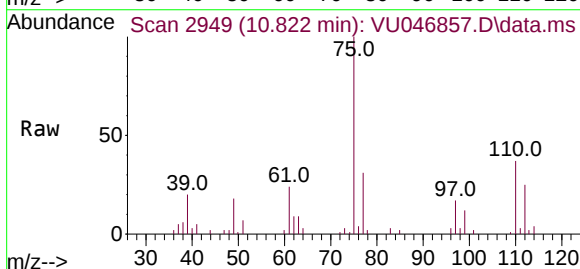
Tgt Ion: 75 Resp: 26544

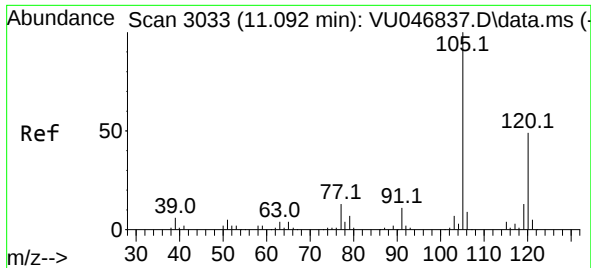
Ion Ratio Lower Upper

75 100

110 39.7 29.9 44.9

77 31.5 25.5 38.3

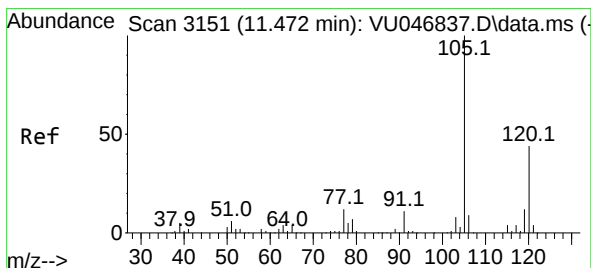
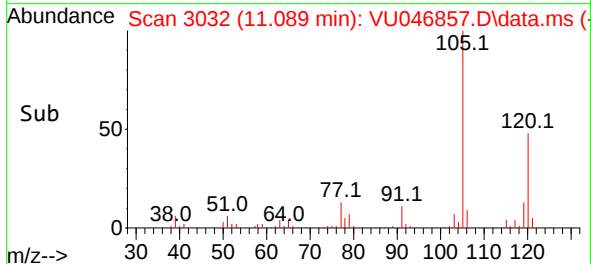
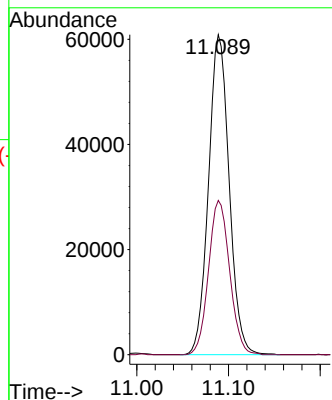
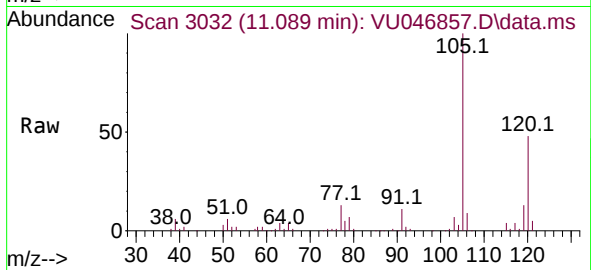




#62
1,3,5-Trimethylbenzene
Concen: 4.747 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

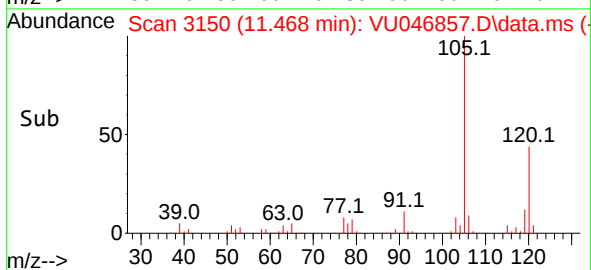
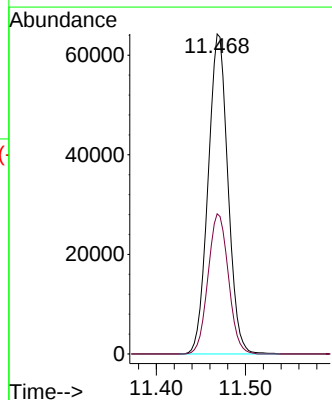
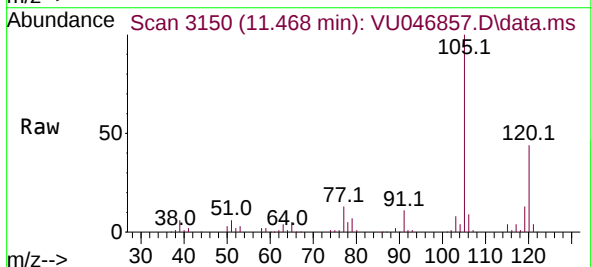
Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

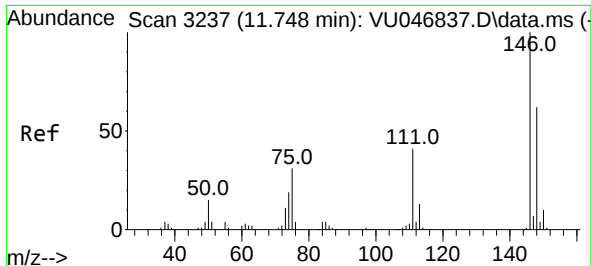
Tgt Ion:105 Resp: 95199
Ion Ratio Lower Upper
105 100
120 49.3 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 4.808 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

Tgt Ion:105 Resp: 99233
Ion Ratio Lower Upper
105 100
120 44.9 35.8 53.8

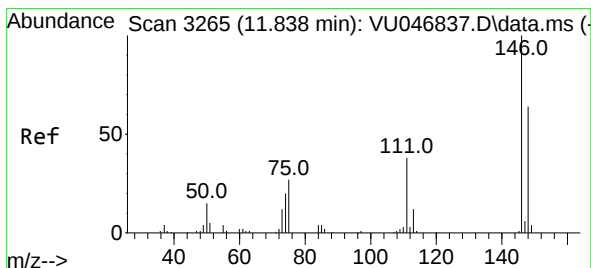
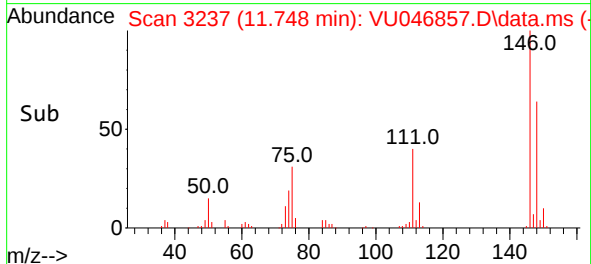
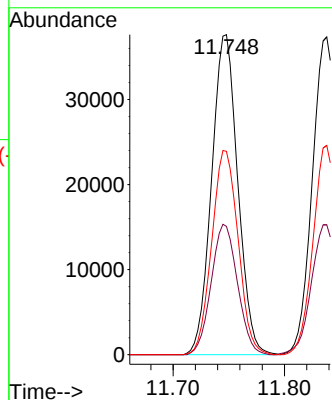
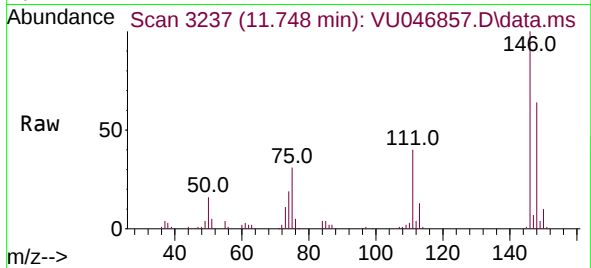




#64
1,3-Dichlorobenzene
Concen: 5.027 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

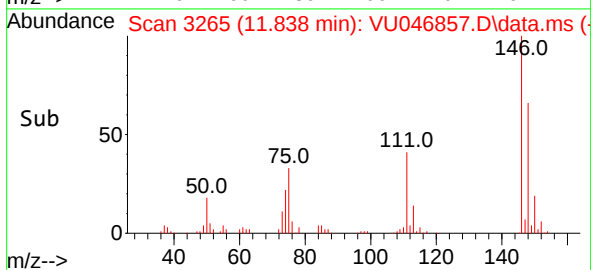
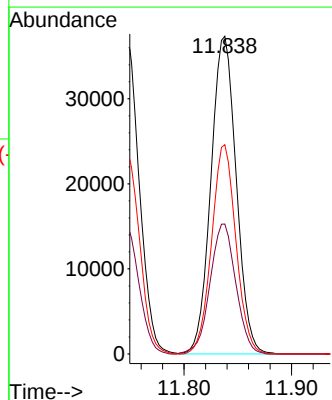
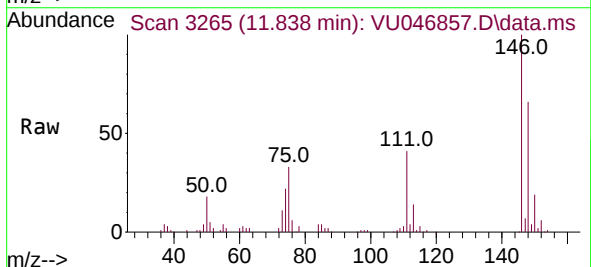
Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

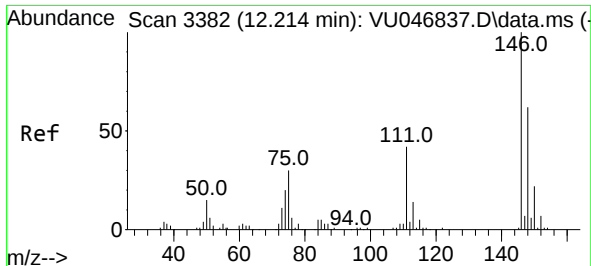
Tgt Ion:146 Resp: 61397
Ion Ratio Lower Upper
146 100
111 40.1 29.9 55.5
148 63.6 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.972 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

Tgt Ion:146 Resp: 61117
Ion Ratio Lower Upper
146 100
111 40.9 28.7 53.3
148 65.9 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.176 ug/L

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD005173

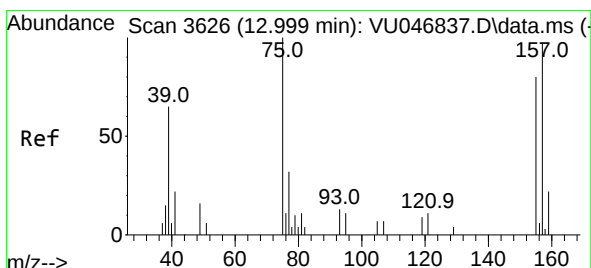
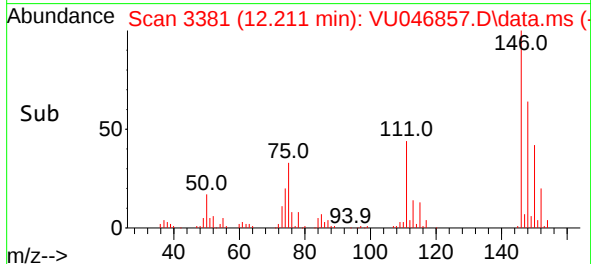
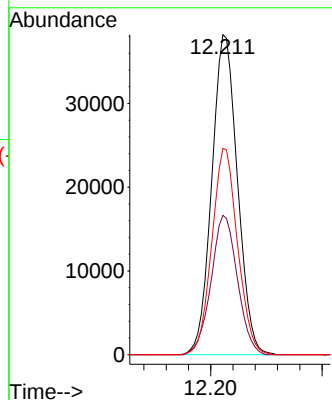
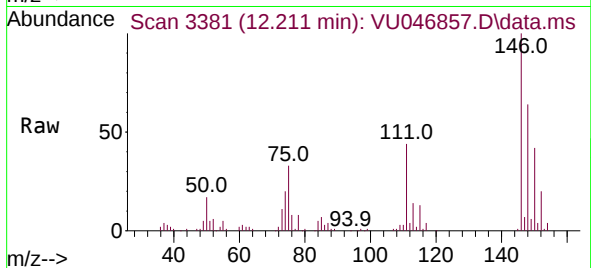
Tgt Ion:146 Resp: 61151

Ion Ratio Lower Upper

146 100

111 43.6 35.4 53.0

148 64.4 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 6.448 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU046857.D

Acq: 26 Jan 2022 20:18

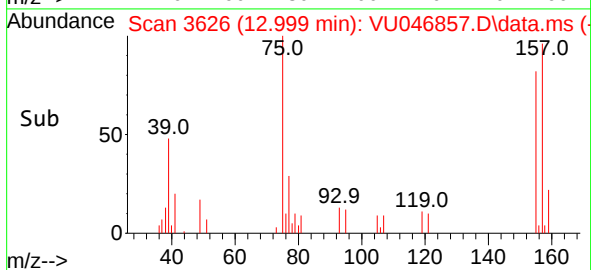
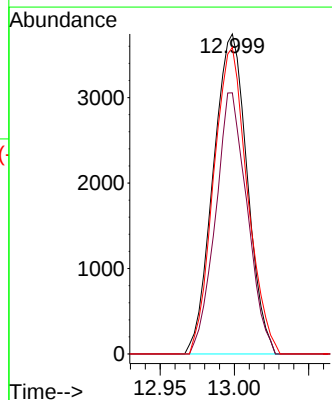
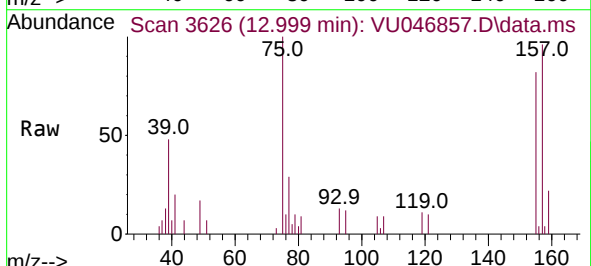
Tgt Ion: 75 Resp: 5949

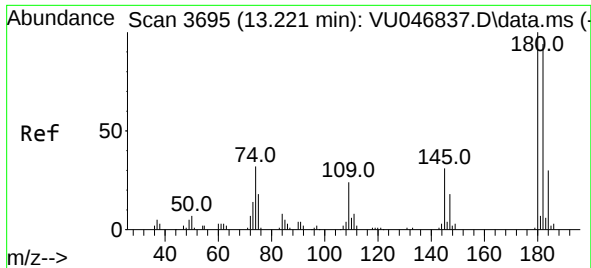
Ion Ratio Lower Upper

75 100

155 81.6 59.2 88.8

157 95.8 76.5 114.7

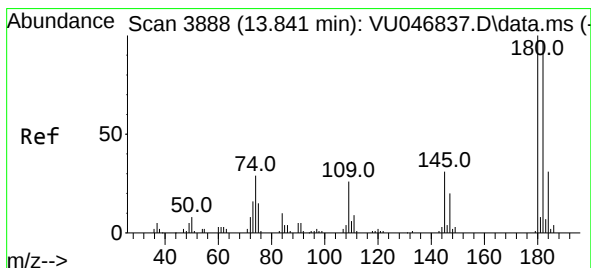
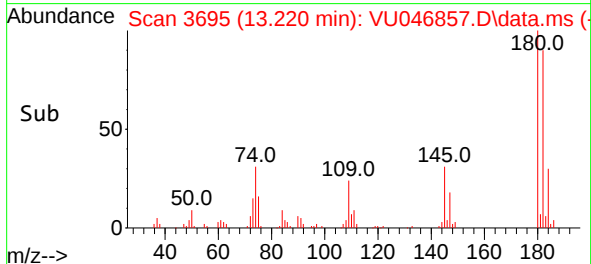
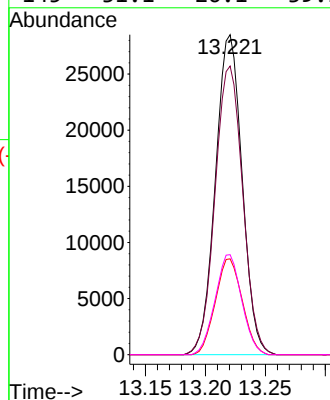
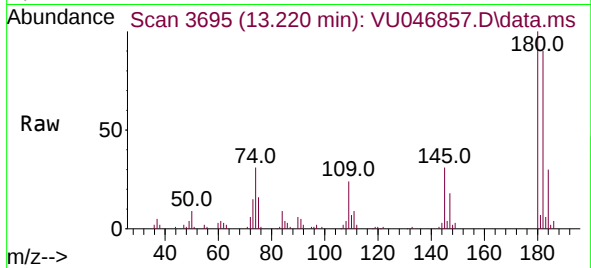




#69
1,3,5-Trichlorobenzene
Concen: 4.573 ug/L
RT: 13.220 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

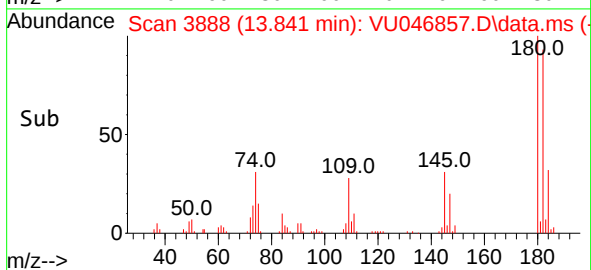
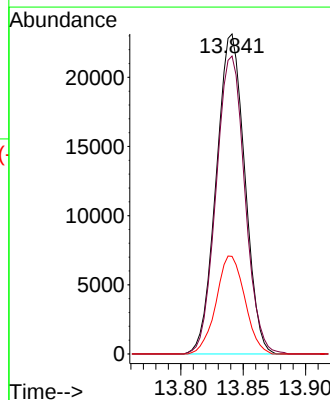
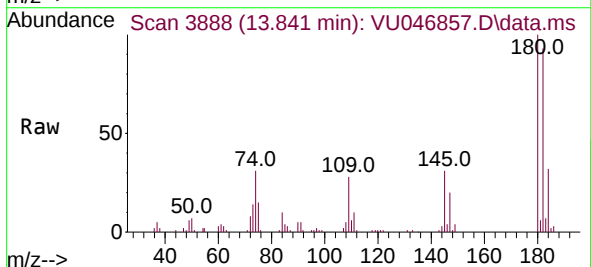
Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

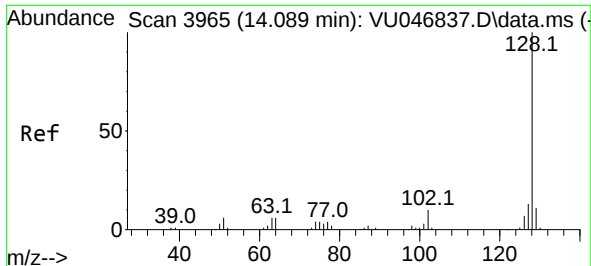
Tgt Ion:180	Resp:	44038
Ion Ratio	Lower	Upper
180	100	
182	93.6	76.1 114.1
184	30.1	25.0 37.4
145	31.1	26.1 39.1



#70
1,2,4-trichlorobenzene
Concen: 4.574 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

Tgt Ion:180	Resp:	36821
Ion Ratio	Lower	Upper
180	100	
182	93.9	76.4 114.6
145	30.8	25.6 38.4

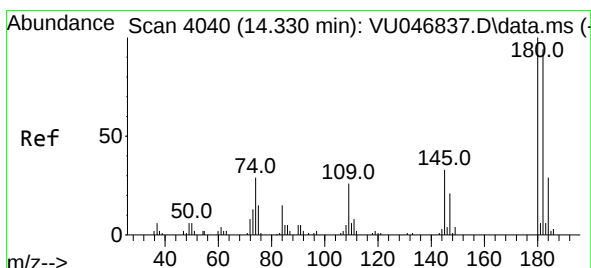
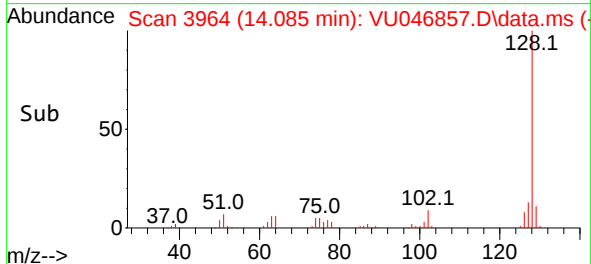
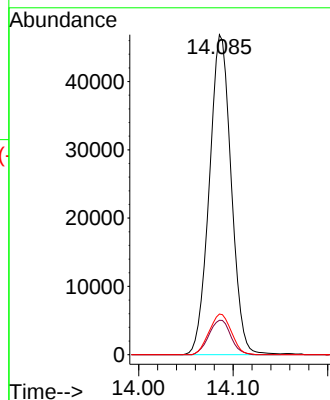
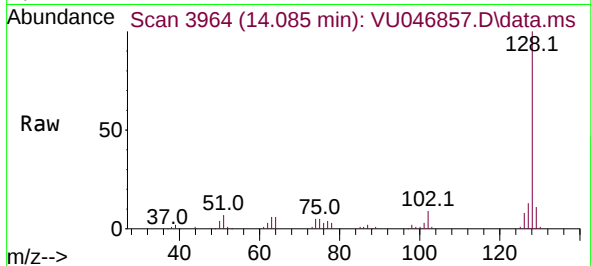




#71
Naphthalene
Concen: 4.593 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

Tgt Ion:128	Resp:	75280
Ion	Ratio	Lower Upper
128	100	
129	10.8	8.4 12.6
127	12.9	10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.064 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046857.D
Acq: 26 Jan 2022 20:18

Tgt Ion:180	Resp:	38509
Ion	Ratio	Lower Upper
180	100	
182	94.2	76.2 114.4
145	32.0	28.4 42.6

