

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
 Data File : VU046837.D
 Acq On : 26 Jan 2022 11:03
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005172

Quant Time: Jan 26 14:51:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 24 00:23:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	106216	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	113920	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	64634	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	40430	4.492	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.919	69	33541	4.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.575	65	17599	4.916	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	4.652	46	114647	42.998	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.000%
24) Chloroform-d	5.070	84	78988	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.710	65	44091	5.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.732	84	152433	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.694	67	46840	4.659	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.899	98	139104	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.182	79	18861	4.272	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.639	63	112853	43.171	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46096	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	50810	4.192	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	55388	5.544	ug/L	99
3) Chloromethane	1.527	50	45295	5.505	ug/L	100
5) Vinyl chloride	1.610	62	45765	5.343	ug/L	99
6) Bromomethane	1.864	94	28324	5.285	ug/L	98
8) Chloroethane	1.941	64	25581	5.188	ug/L	98
9) Trichlorofluoromethane	2.147	101	57725	5.530	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	32331	5.209	ug/L	98
12) 1,1-Dichloroethene	2.588	96	30635	5.165	ug/L	90
13) Acetone	2.671	43	65988	45.503	ug/L	86
14) Carbon disulfide	2.803	76	97393	5.000	ug/L	98
15) Methyl Acetate	2.967	43	13066	4.125	ug/L	92
16) Methylene chloride	3.054	84	34617	4.833	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	76226	4.581	ug/L	97
18) trans-1,2-Dichloroethene	3.363	96	31350	4.880	ug/L	92
19) 1,1-Dichloroethane	3.880	63	55452	5.142	ug/L	99
21) 2-Butanone	4.732	43	96803	41.506	ug/L	95
22) cis-1,2-Dichloroethene	4.674	96	32902	4.855	ug/L	98
23) Bromochloromethane	4.983	128	16036	4.810	ug/L	92
25) Chloroform	5.096	83	62704	3.663	ug/L	97

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 Acq On : 26 Jan 2022 11:03
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005172

Quant Time: Jan 26 14:51:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

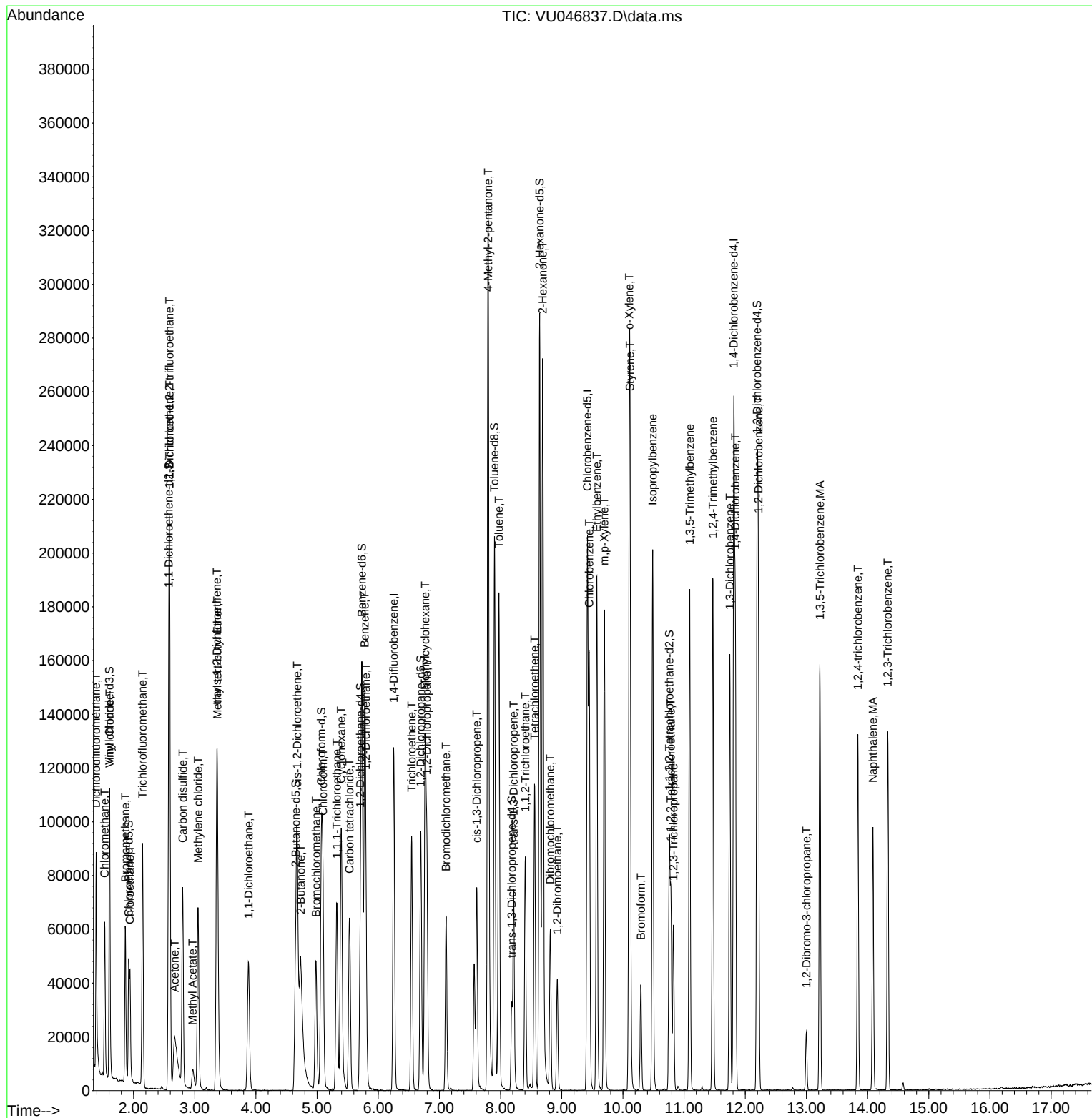
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	41821	5.535	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	52356	5.103	ug/L	98
30) Cyclohexane	5.395	56	46480	4.466	ug/L	95
31) Carbon tetrachloride	5.530	117	45807	5.203	ug/L	98
33) Benzene	5.780	78	130756	4.875	ug/L	100
34) Trichloroethene	6.546	95	32238	4.629	ug/L	98
35) Methylcyclohexane	6.768	83	49707	4.261	ug/L	97
37) 1,2-Dichloropropane	6.793	63	32569	4.950	ug/L	99
38) Bromodichloromethane	7.108	83	42524	4.491	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	46056	4.486	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	215331	44.641	ug/L	95
42) Toluene	7.973	91	139356	4.347	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	43109	4.713	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	27234	4.865	ug/L	99
47) Tetrachloroethene	8.555	164	25358	4.477	ug/L	92
48) 2-Hexanone	8.690	43	174306	47.874	ug/L	97
49) Dibromochloromethane	8.813	129	31187	4.723	ug/L	97
50) 1,2-Dibromoethane	8.928	107	25753	4.539	ug/L	99
51) Chlorobenzene	9.449	112	84421	4.534	ug/L	99
52) Ethylbenzene	9.575	91	138436	4.542	ug/L	99
53) m,p-Xylene	9.697	106	53365	4.392	ug/L	97
54) o-Xylene	10.105	106	50926	4.324	ug/L	93
55) Styrene	10.118	104	89147	4.627	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.784	83	35128	4.666	ug/L	96
59) Bromoform	10.295	173	17521	4.402	ug/L	97
60) Isopropylbenzene	10.488	105	135127	4.488	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	25835	4.717	ug/L	96
62) 1,3,5-Trimethylbenzene	11.092	105	105884	4.285	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	109665	4.312	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	66371	4.410	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	68439	4.519	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	65811	4.521	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	5765	5.072	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	49563	4.177	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	39763	4.009	ug/L	98
71) Naphthalene	14.089	128	79335	3.928	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	41196	4.397	ug/L	98

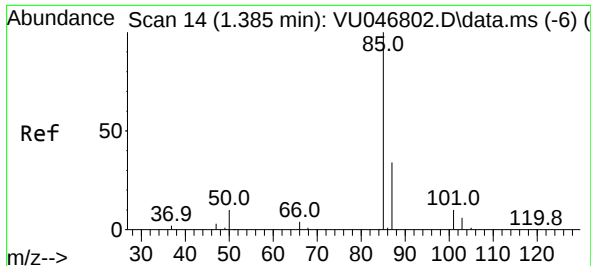
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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005172

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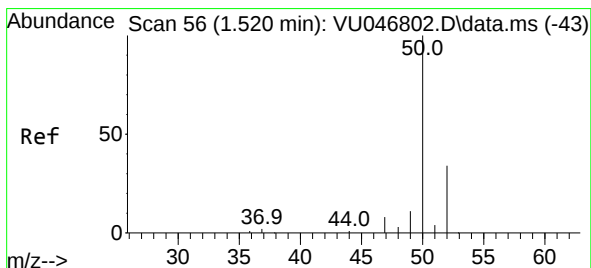
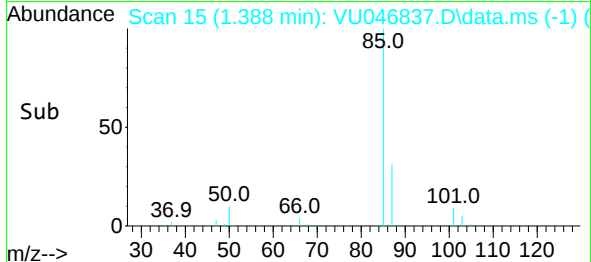
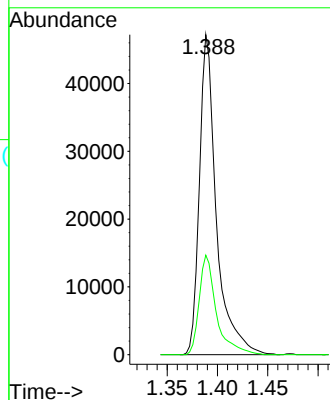
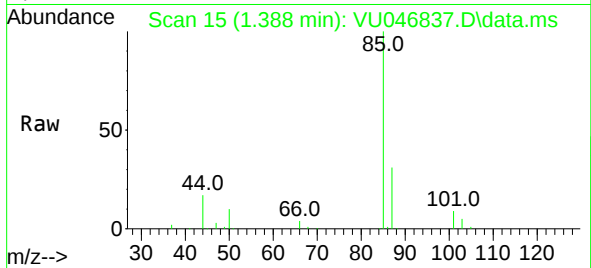




#2
Dichlorodifluoromethane
Concen: 5.544 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

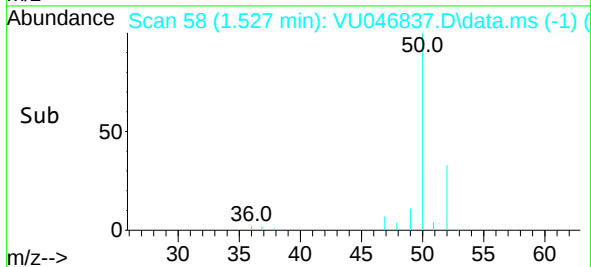
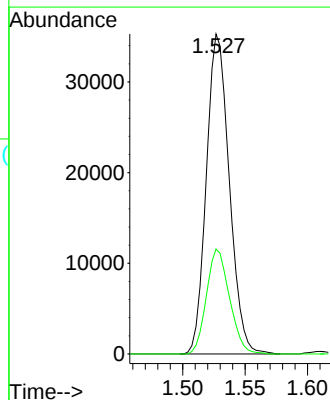
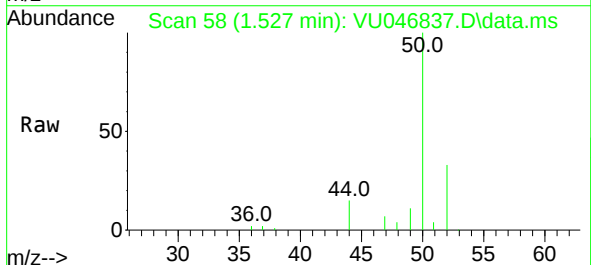
Instrument :
MSVOA_U
ClientSampleId :
VSTD005172

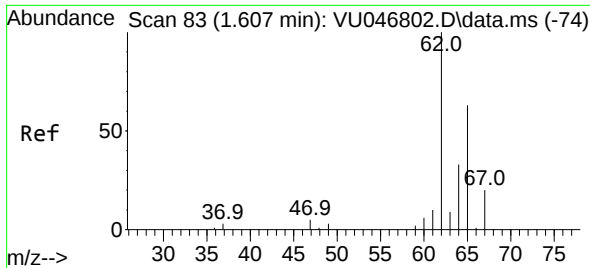
Tgt Ion: 85 Resp: 55388
Ion Ratio Lower Upper
85 100
87 31.6 25.8 38.6



#3
Chloromethane
Concen: 5.505 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

Tgt Ion: 50 Resp: 45295
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.8

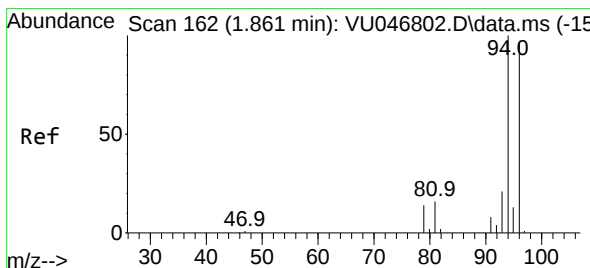
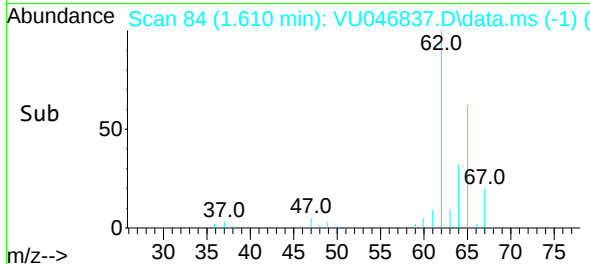
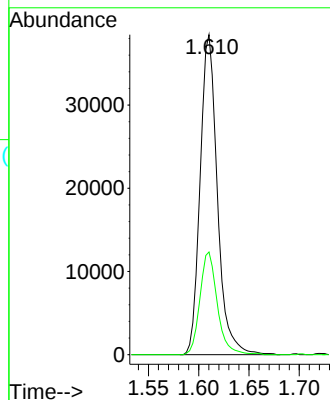
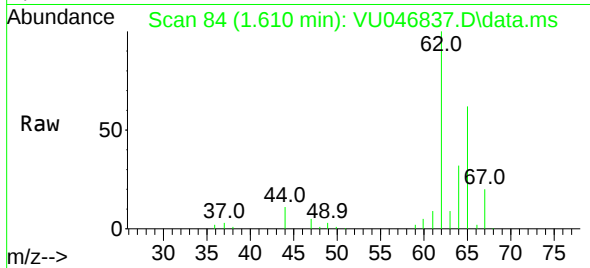




#5
 Vinyl chloride
 Concen: 5.343 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU046837.D
 Acq: 26 Jan 2022 11:03

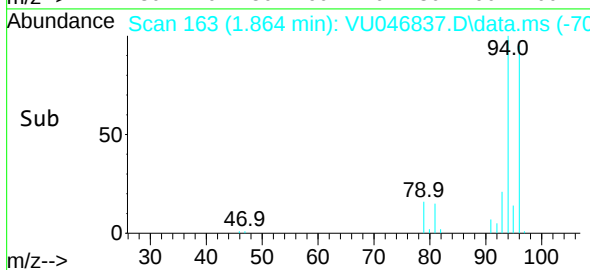
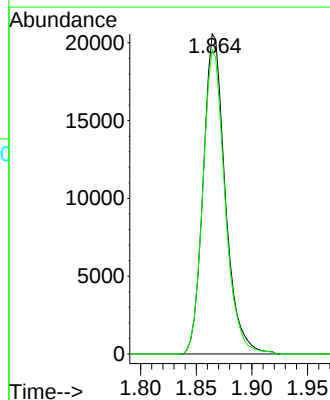
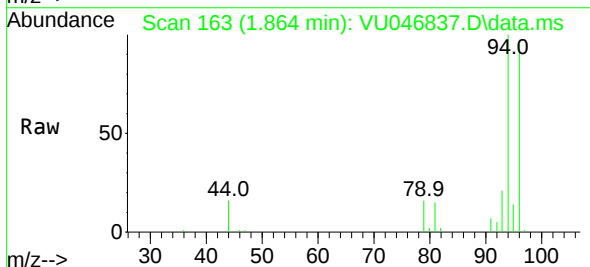
Instrument :
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 ClientSampleId :
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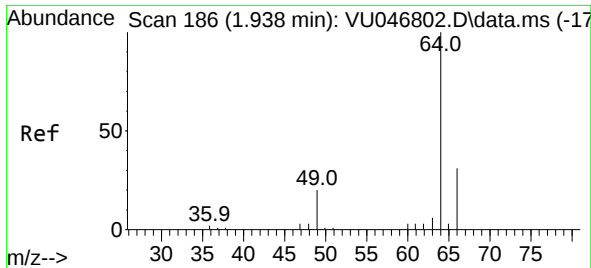
Tgt Ion: 62 Resp: 45765
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.9 42.5



#6
 Bromomethane
 Concen: 5.285 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046837.D
 Acq: 26 Jan 2022 11:03

Tgt Ion: 94 Resp: 28324
 Ion Ratio Lower Upper
 94 100
 96 95.1 65.5 121.6

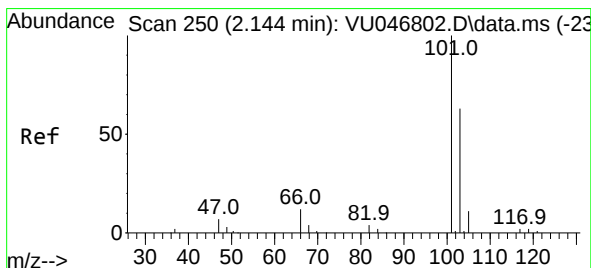
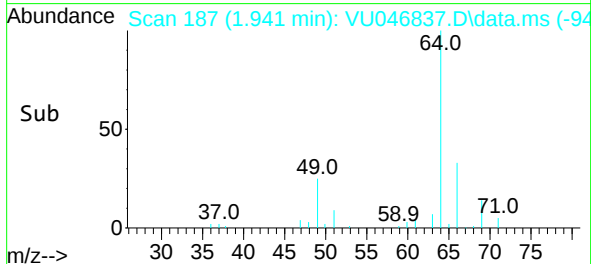
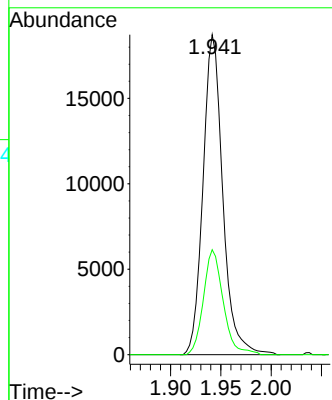
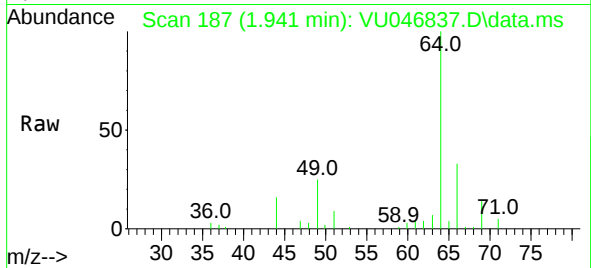




#8
Chloroethane
Concen: 5.188 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

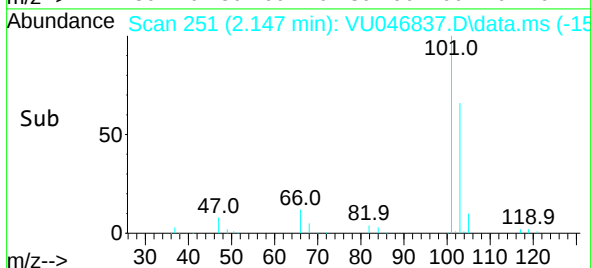
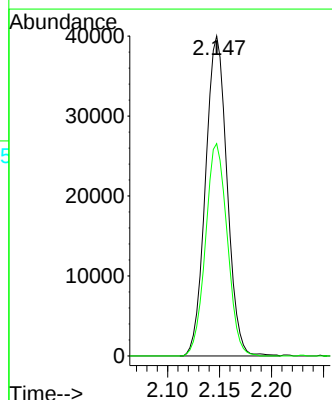
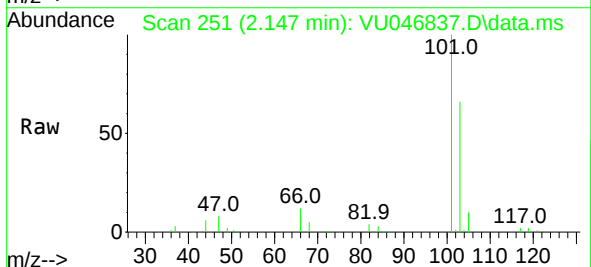
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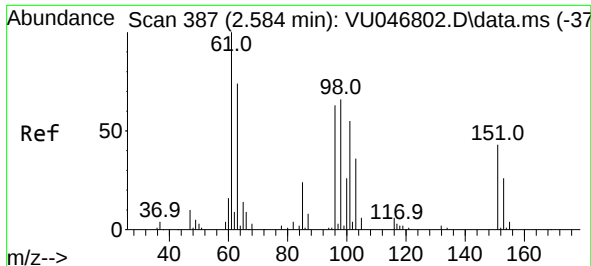
Tgt Ion: 64 Resp: 25581
Ion Ratio Lower Upper
64 100
66 32.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.530 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

Tgt Ion:101 Resp: 57725
Ion Ratio Lower Upper
101 100
103 66.9 51.5 77.3

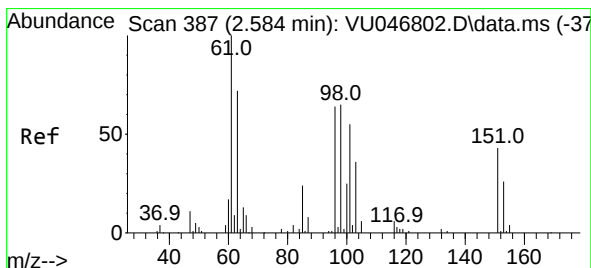
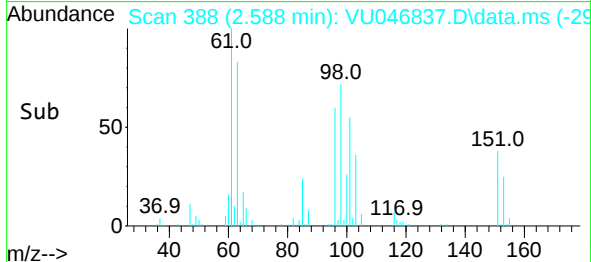
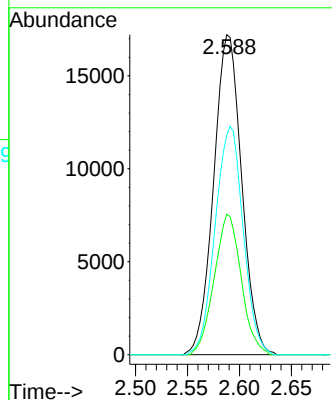
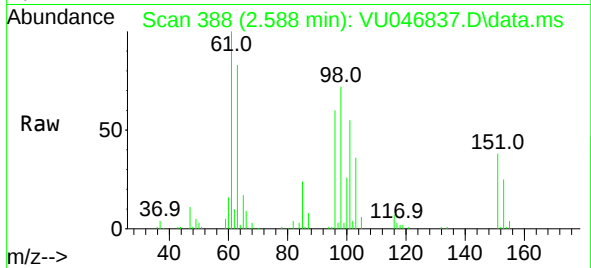




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.209 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

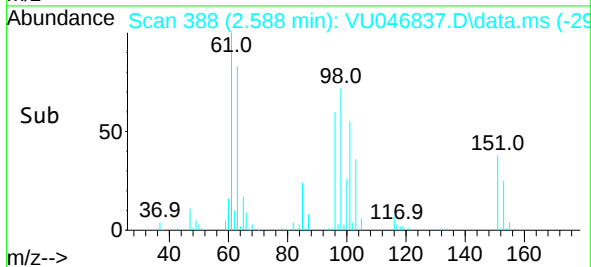
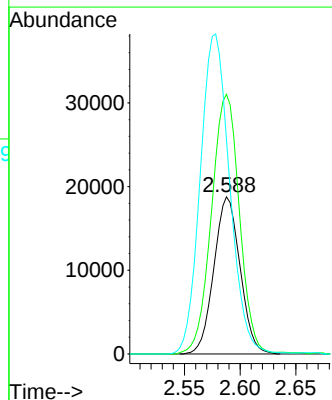
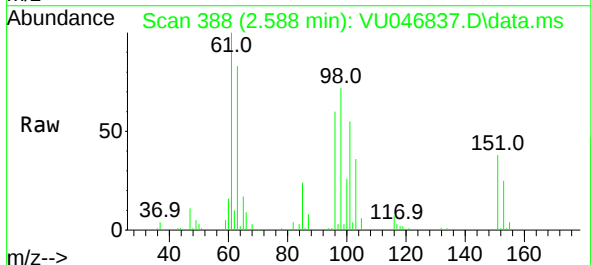
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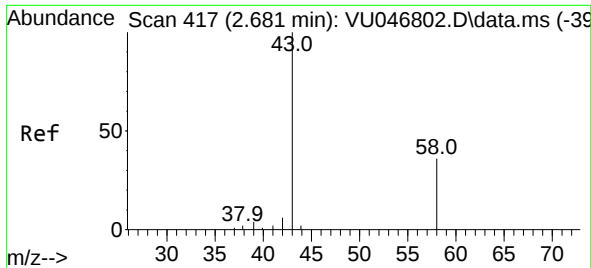
Tgt Ion:101 Resp: 32331
Ion Ratio Lower Upper
101 100
85 42.2 34.6 51.8
151 71.4 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.165 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

Tgt Ion: 96 Resp: 30635
Ion Ratio Lower Upper
96 100
61 165.3 124.7 231.5
63 136.7 105.2 195.4





#13

Acetone

Concen: 45.503 ug/L

RT: 2.671 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU046837.D

Acq: 26 Jan 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

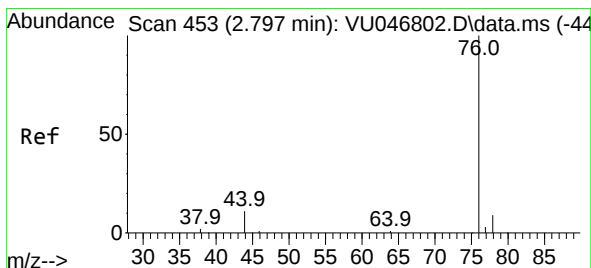
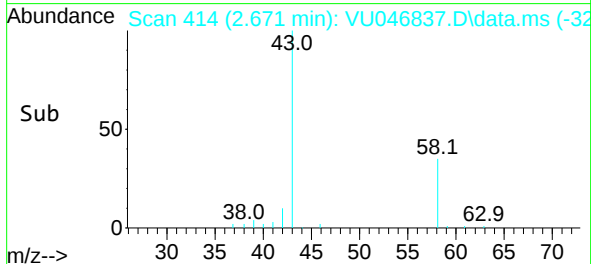
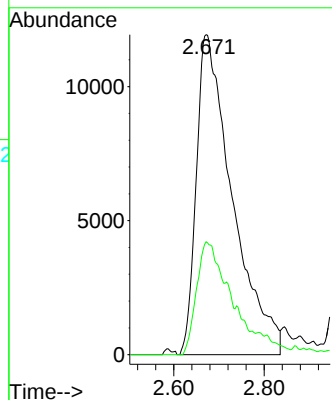
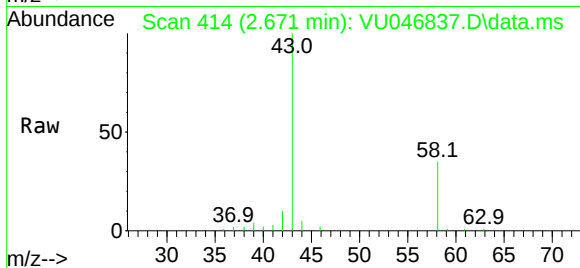
VSTD005172

Tgt Ion: 43 Resp: 65988

Ion Ratio Lower Upper

43 100

58 27.6 0.0 71.6



#14

Carbon disulfide

Concen: 5.000 ug/L

RT: 2.803 min Scan# 455

Delta R.T. 0.003 min

Lab File: VU046837.D

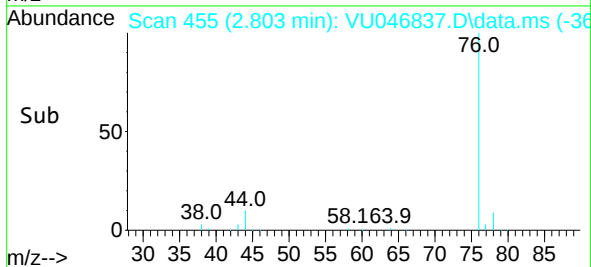
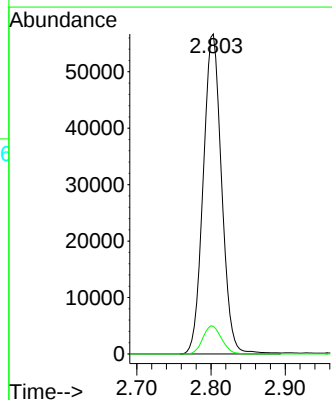
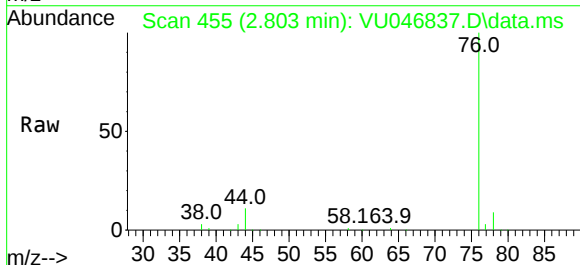
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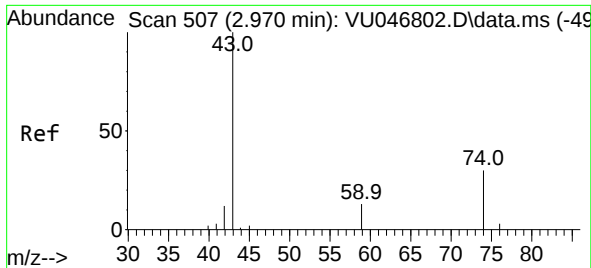
Tgt Ion: 76 Resp: 97393

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

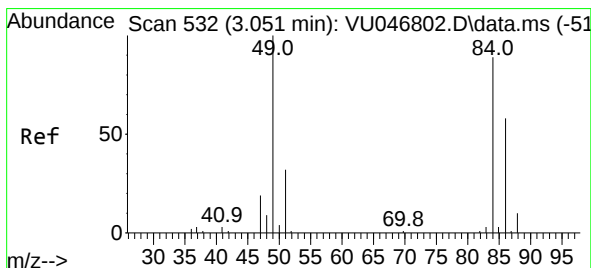
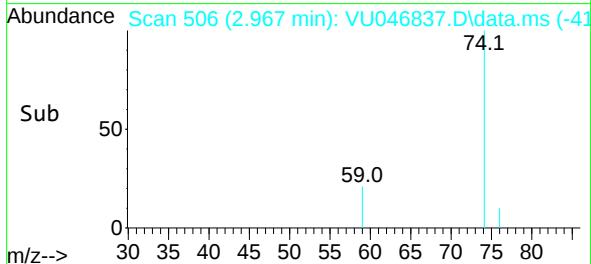
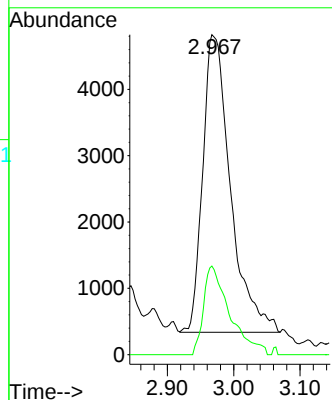
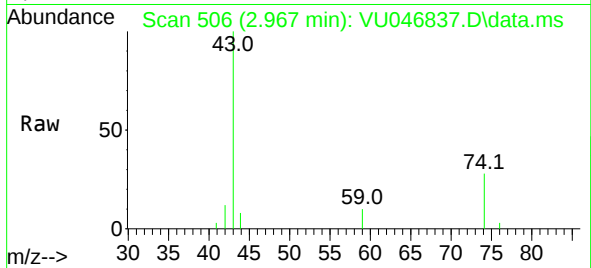




#15
Methyl Acetate
Concen: 4.125 ug/L
RT: 2.967 min Scan# 507
Delta R.T. 0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

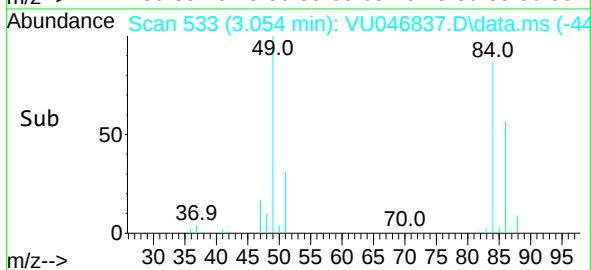
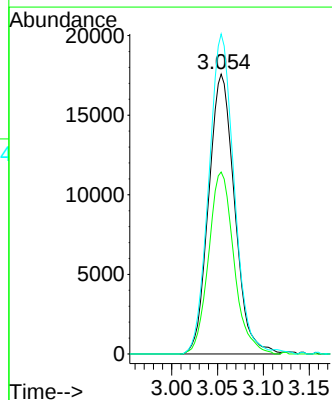
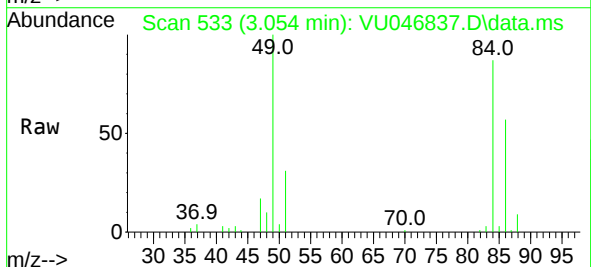
Instrument :
MSVOA_U
ClientSampleId :
VSTD005172

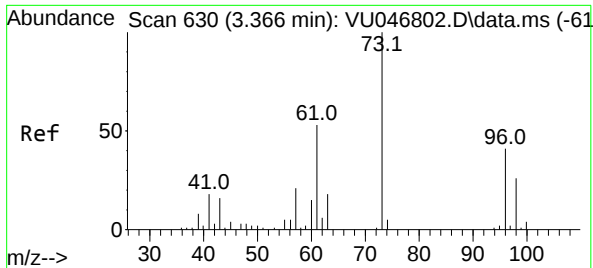
Tgt Ion: 43 Resp: 13066
Ion Ratio Lower Upper
43 100
74 28.0 19.1 28.7



#16
Methylene chloride
Concen: 4.833 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

Tgt Ion: 84 Resp: 34617
Ion Ratio Lower Upper
84 100
86 65.0 45.8 85.0
49 114.3 84.5 156.9

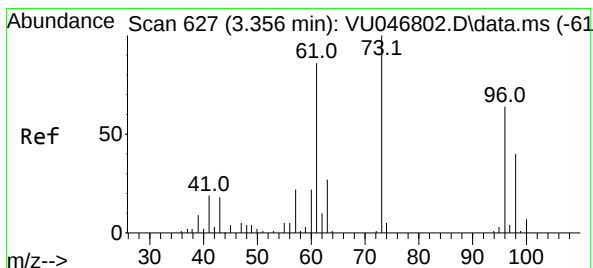
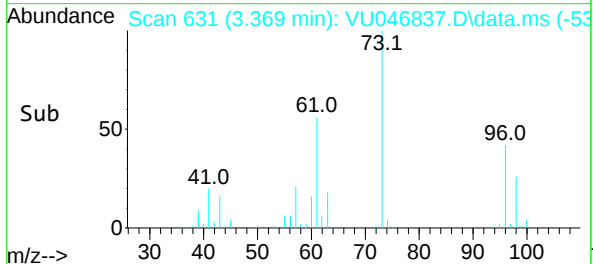
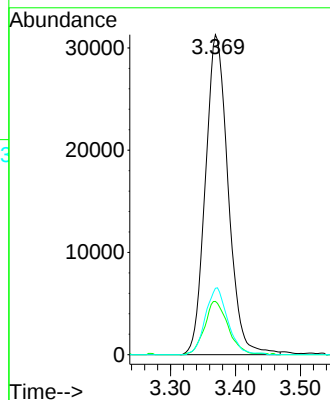
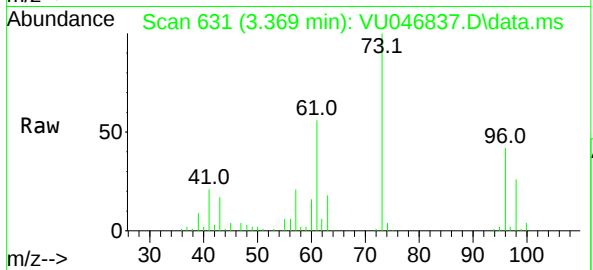




#17
Methyl tert-butyl Ether
Concen: 4.581 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

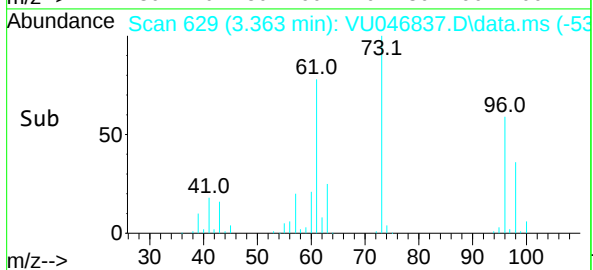
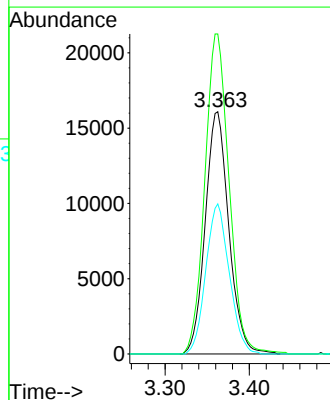
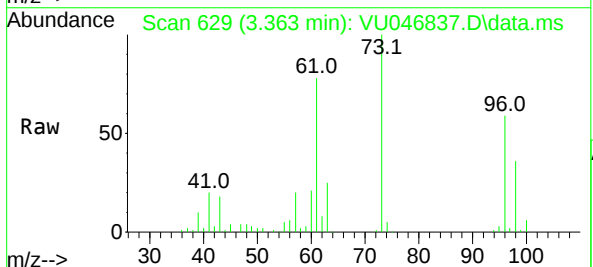
Instrument :
MSVOA_U
ClientSampleId :
VSTD005172

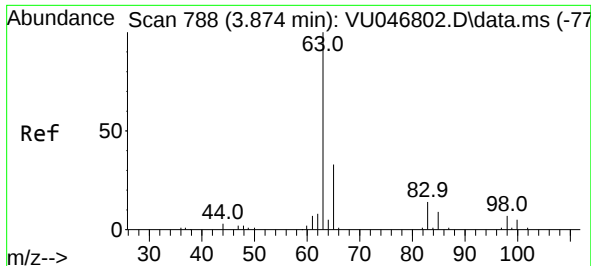
Tgt Ion: 73 Resp: 76226
Ion Ratio Lower Upper
73 100
43 17.1 14.8 22.2
57 20.5 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.880 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

Tgt Ion: 96 Resp: 31350
Ion Ratio Lower Upper
96 100
61 132.1 100.8 187.2
98 61.9 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.142 ug/L

RT: 3.880 min Scan# 79

Delta R.T. 0.003 min

Lab File: VU046837.D

Acq: 26 Jan 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005172

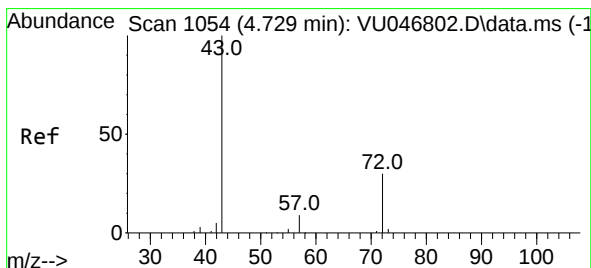
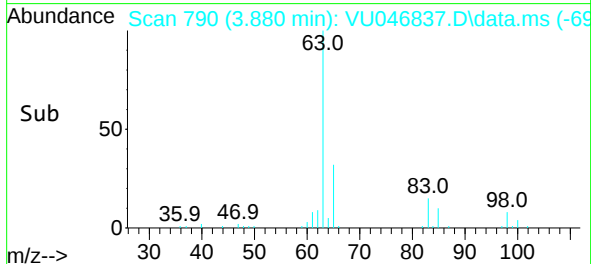
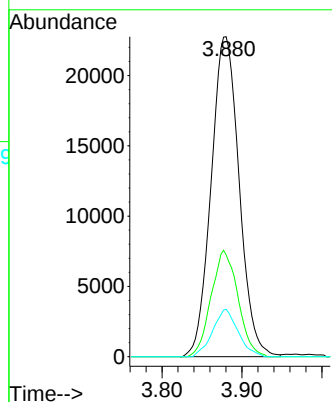
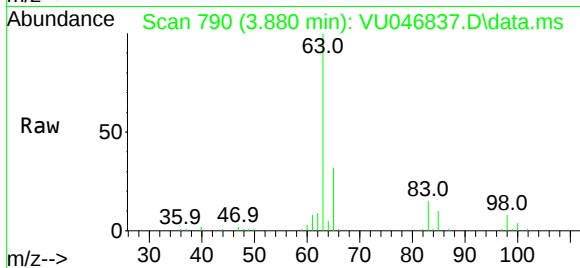
Tgt Ion: 63 Resp: 55452

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 14.8 9.6 17.8



#21

2-Butanone

Concen: 41.506 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. -0.003 min

Lab File: VU046837.D

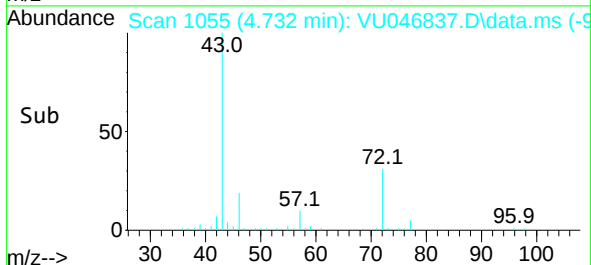
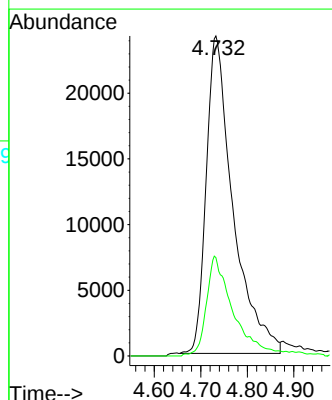
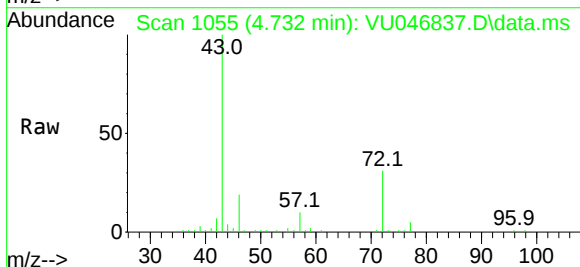
Acq: 26 Jan 2022 11:03

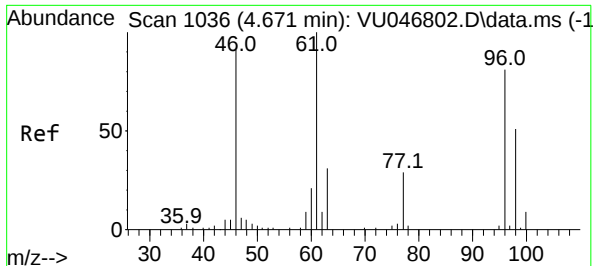
Tgt Ion: 43 Resp: 96803

Ion Ratio Lower Upper

43 100

72 31.1 14.1 42.3

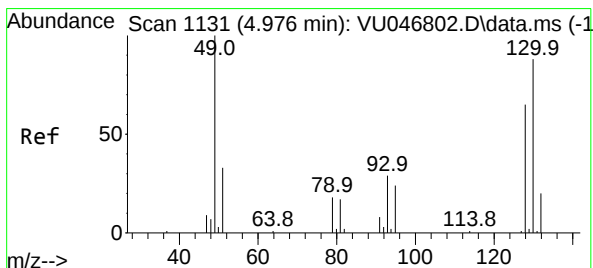
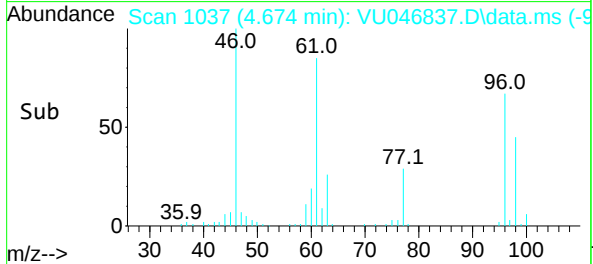
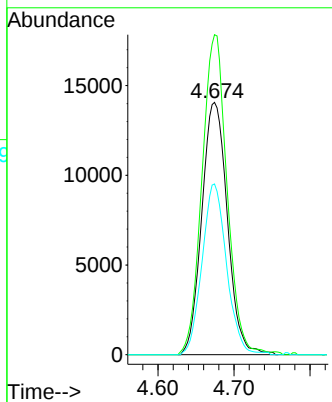
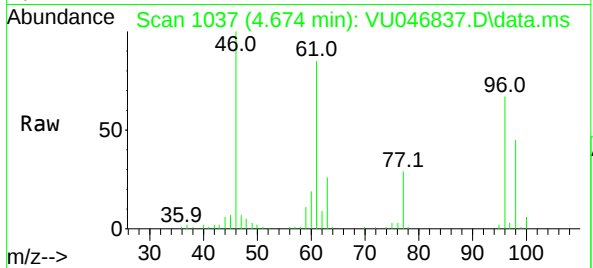




#22
 cis-1,2-Dichloroethene
 Concen: 4.855 ug/L
 RT: 4.674 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU046837.D
 Acq: 26 Jan 2022 11:03

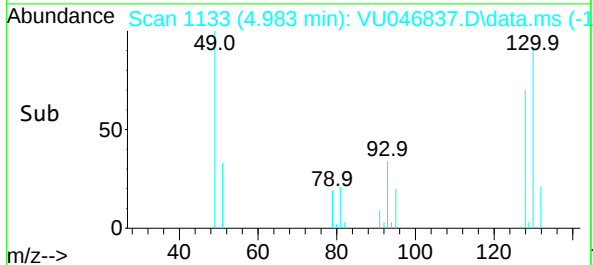
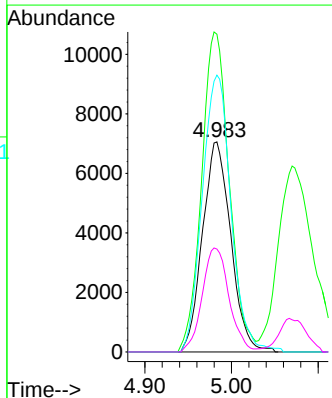
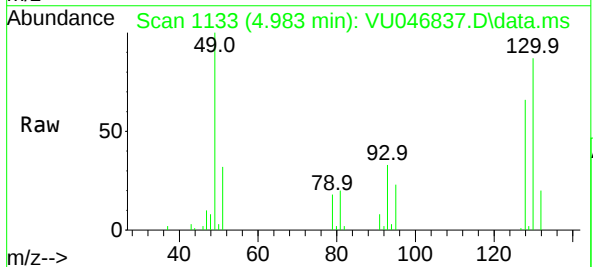
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005172

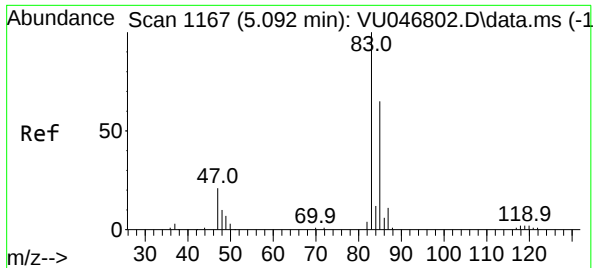
Tgt Ion: 96 Resp: 32902
 Ion Ratio Lower Upper
 96 100
 61 126.8 88.5 164.3
 98 67.7 44.4 82.5



#23
 Bromochloromethane
 Concen: 4.810 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.003 min
 Lab File: VU046837.D
 Acq: 26 Jan 2022 11:03

Tgt Ion: 128 Resp: 16036
 Ion Ratio Lower Upper
 128 100
 49 151.3 117.0 217.2
 130 131.7 88.2 163.8
 51 49.0 42.5 63.7

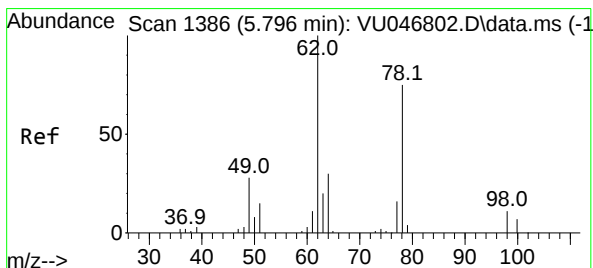
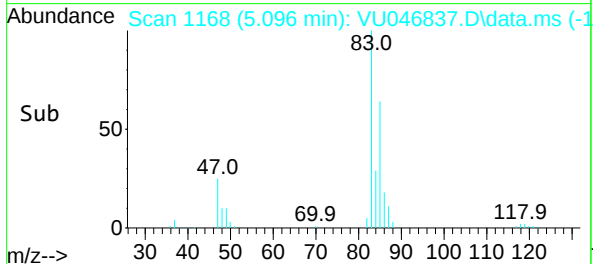
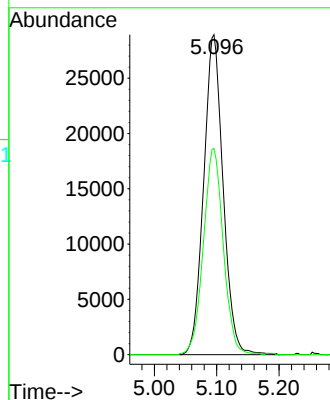
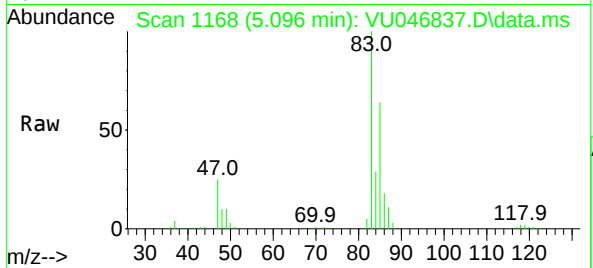




#25
Chloroform
Concen: 3.663 ug/L
RT: 5.096 min Scan# 1167
Delta R.T. 0.003 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

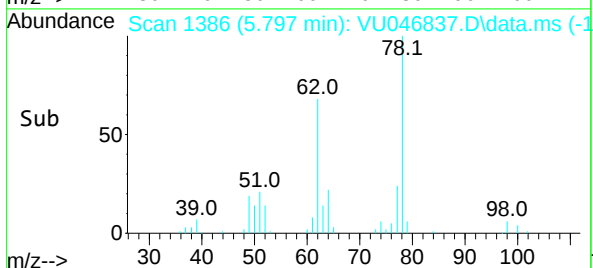
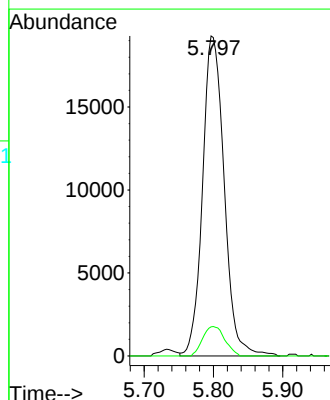
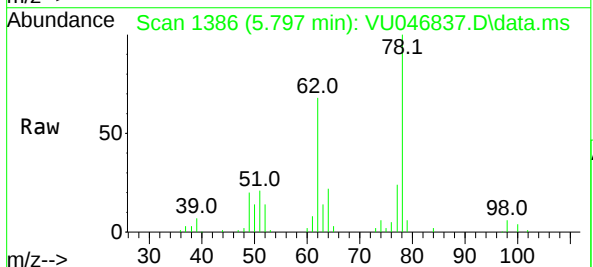
Instrument :
MSVOA_U
ClientSampleId :
VSTD005172

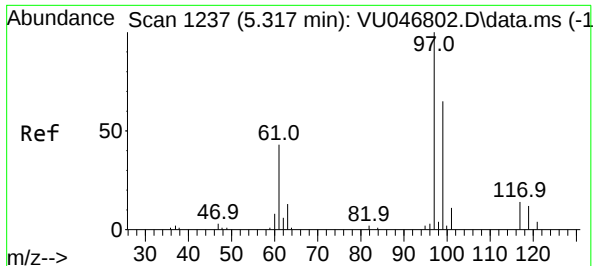
Tgt Ion: 83 Resp: 62704
Ion Ratio Lower Upper
83 100
85 64.5 46.9 87.1



#27
1,2-Dichloroethane
Concen: 5.535 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

Tgt Ion: 62 Resp: 41821
Ion Ratio Lower Upper
62 100
98 9.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.103 ug/L

RT: 5.324 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046837.D

Acq: 26 Jan 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005172

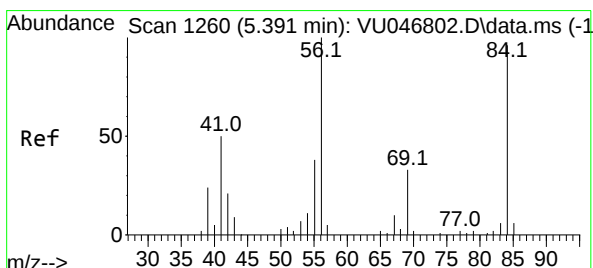
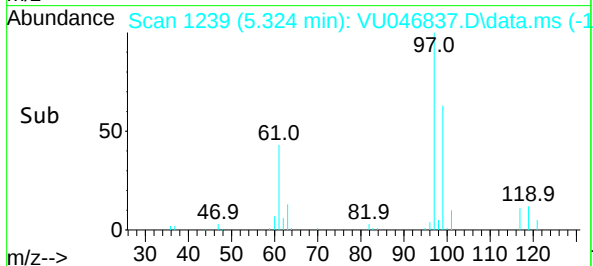
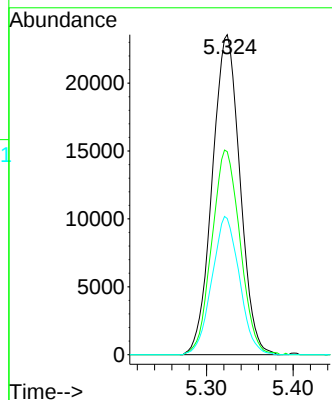
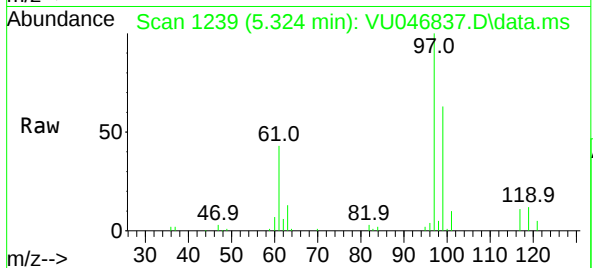
Tgt Ion: 97 Resp: 52356

Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 42.9 36.1 54.1



#30

Cyclohexane

Concen: 4.466 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046837.D

Acq: 26 Jan 2022 11:03

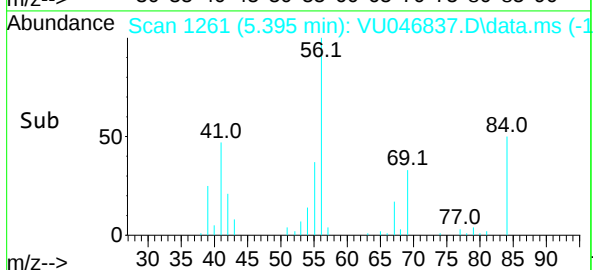
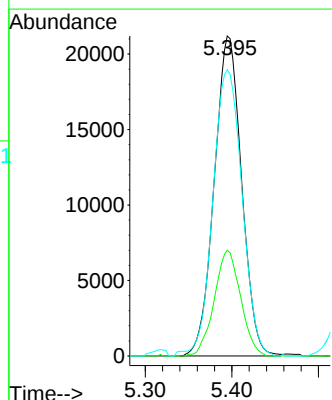
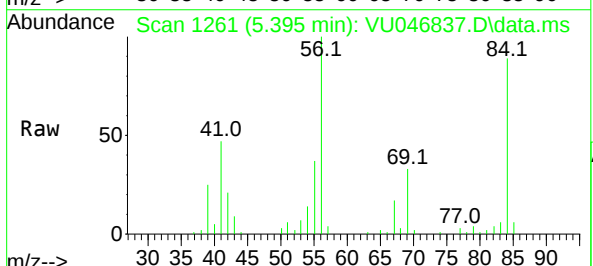
Tgt Ion: 56 Resp: 46480

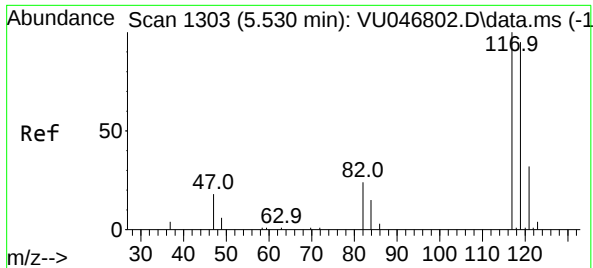
Ion Ratio Lower Upper

56 100

69 31.8 24.7 37.1

84 95.4 71.8 107.6

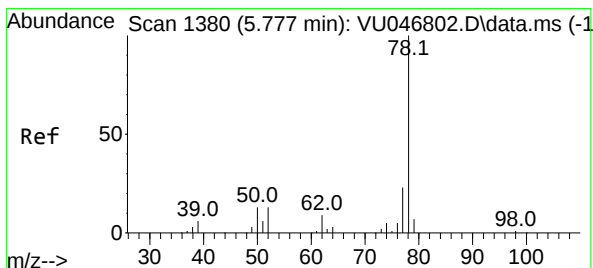
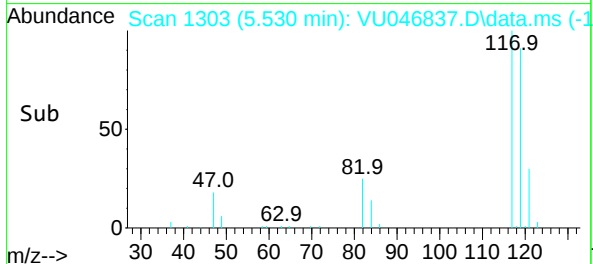
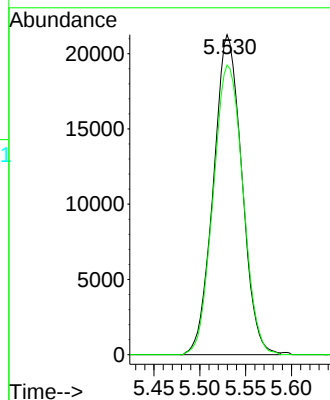
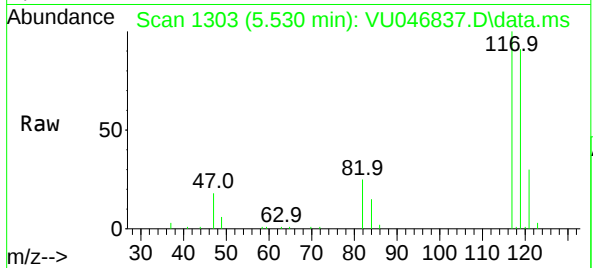




#31
Carbon tetrachloride
Concen: 5.203 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

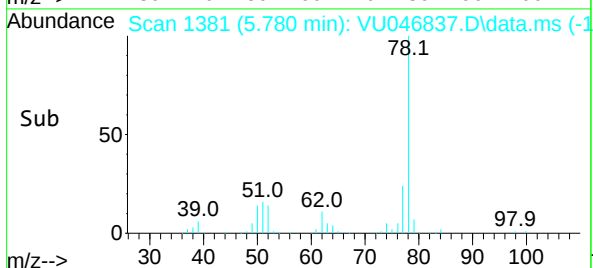
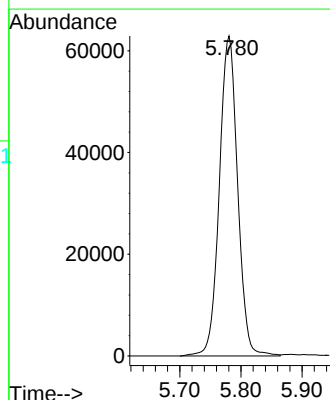
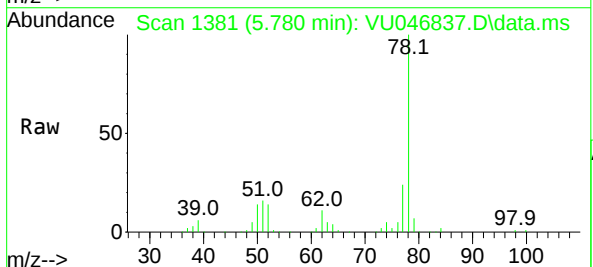
Instrument :
MSVOA_U
ClientSampleId :
VSTD005172

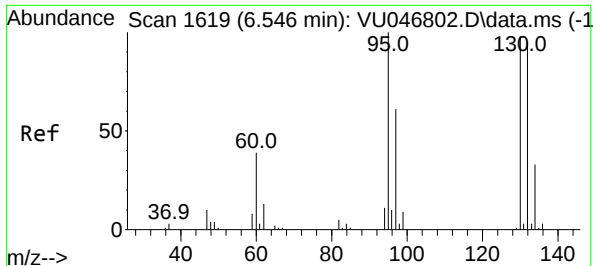
Tgt Ion:117 Resp: 45807
Ion Ratio Lower Upper
117 100
119 94.8 77.5 116.3



#33
Benzene
Concen: 4.875 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

Tgt Ion: 78 Resp: 130756

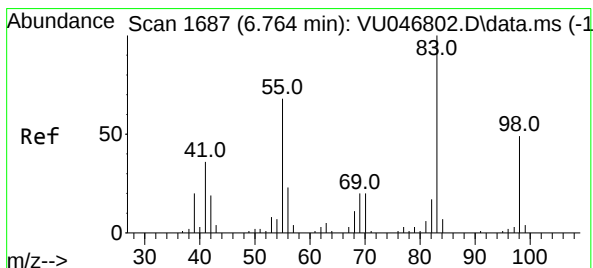
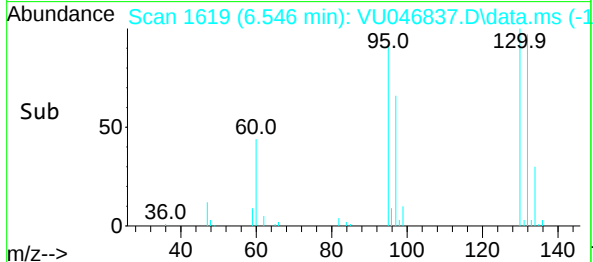
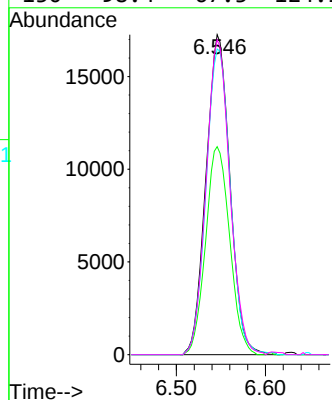
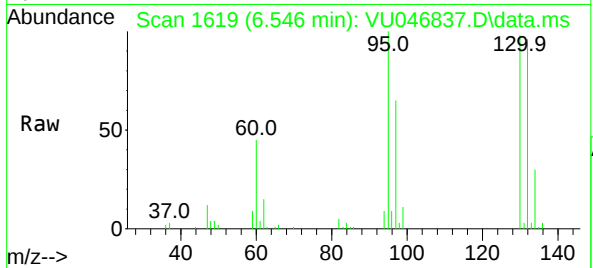




#34
Trichloroethene
Concen: 4.629 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

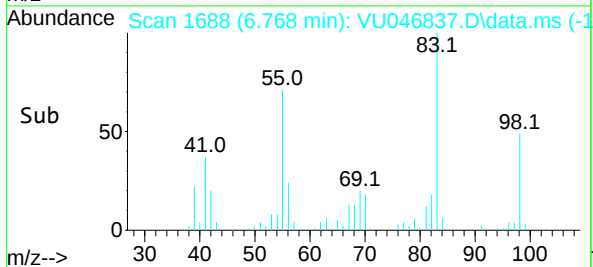
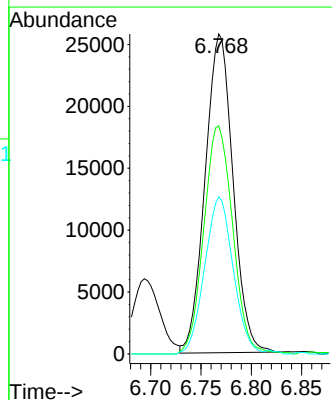
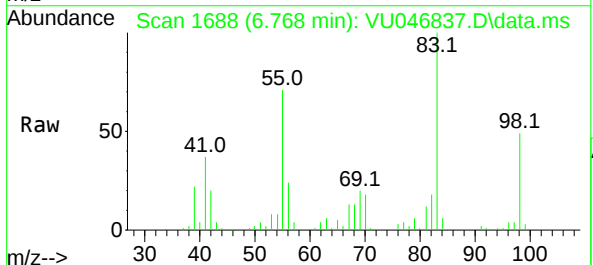
Instrument :
MSVOA_U
ClientSampleId :
VSTD005172

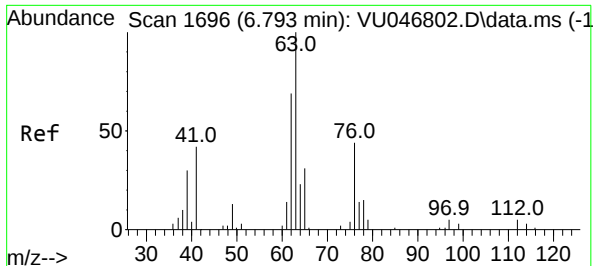
Tgt Ion: 95 Resp: 32238
Ion Ratio Lower Upper
95 100
97 65.0 46.5 86.5
132 95.5 65.1 120.9
130 98.4 67.3 124.9



#35
Methylcyclohexane
Concen: 4.261 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

Tgt Ion: 83 Resp: 49707
Ion Ratio Lower Upper
83 100
55 74.2 61.9 92.9
98 50.4 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.950 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046837.D

Acq: 26 Jan 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

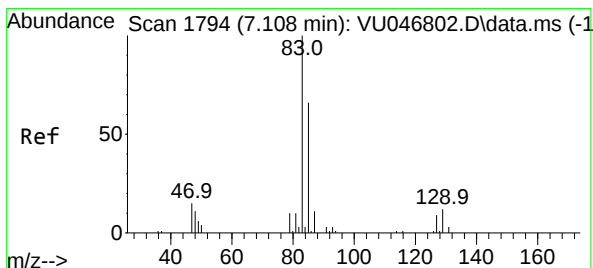
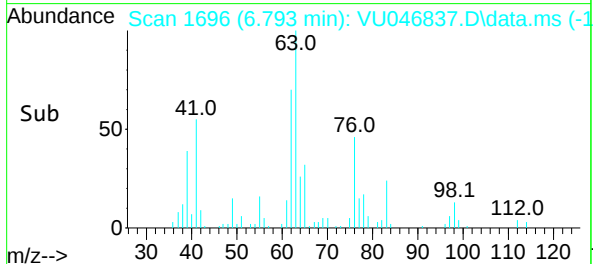
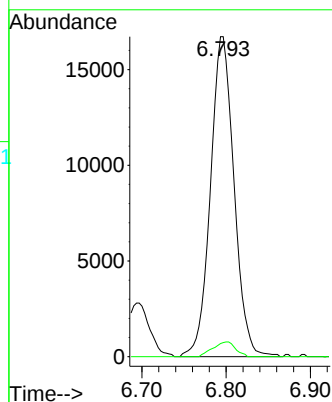
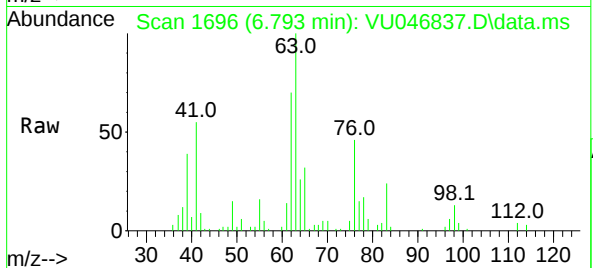
VSTD005172

Tgt Ion: 63 Resp: 32569

Ion Ratio Lower Upper

63 100

112 4.4 3.2 4.8



#38

Bromodichloromethane

Concen: 4.491 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046837.D

Acq: 26 Jan 2022 11:03

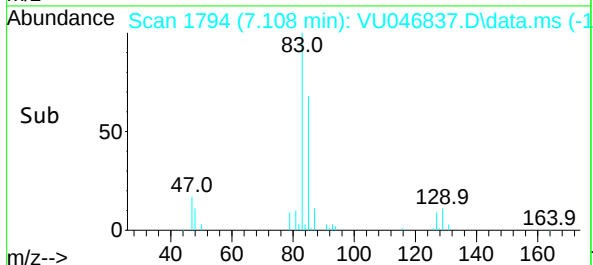
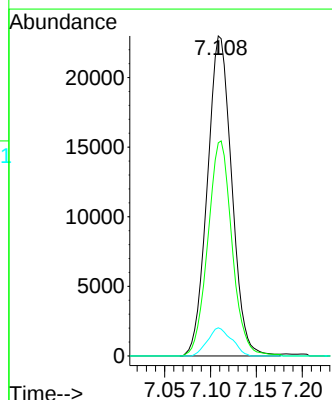
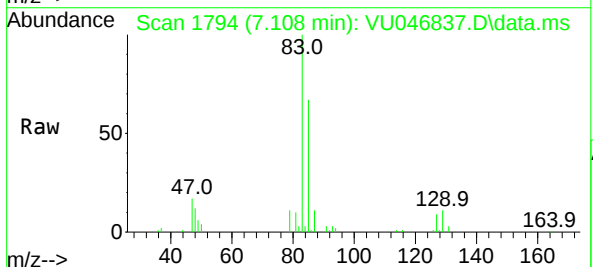
Tgt Ion: 83 Resp: 42524

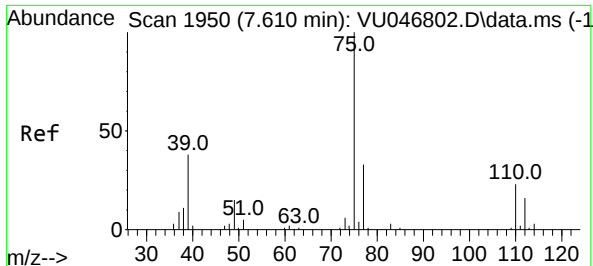
Ion Ratio Lower Upper

83 100

85 66.6 44.0 81.8

127 8.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.486 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046837.D

Acq: 26 Jan 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

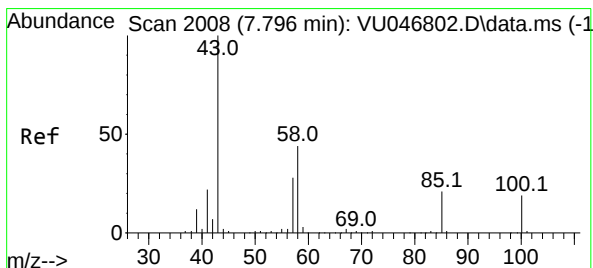
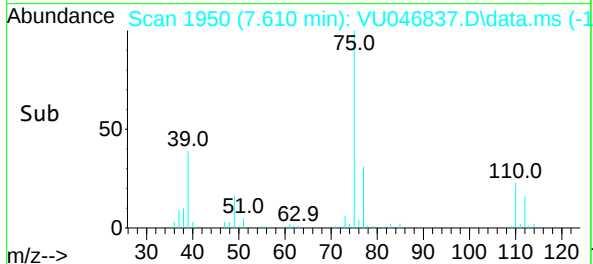
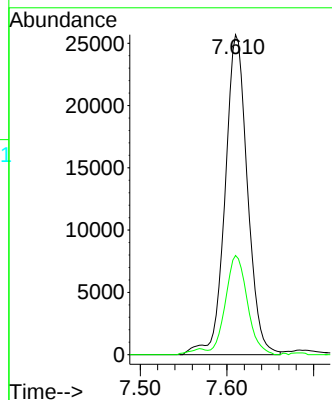
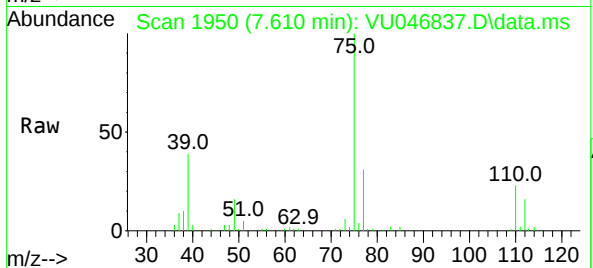
VSTD005172

Tgt Ion: 75 Resp: 46056

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 44.641 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.003 min

Lab File: VU046837.D

Acq: 26 Jan 2022 11:03

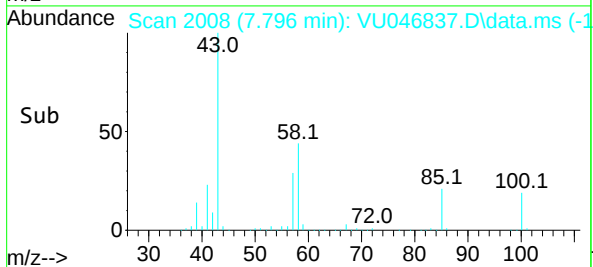
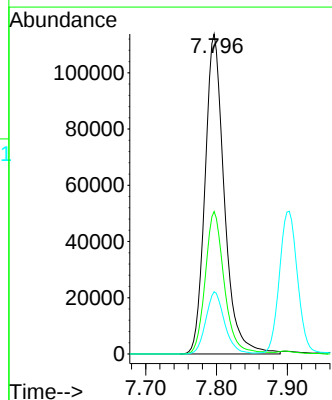
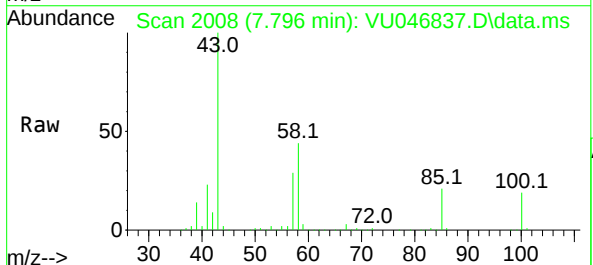
Tgt Ion: 43 Resp: 215331

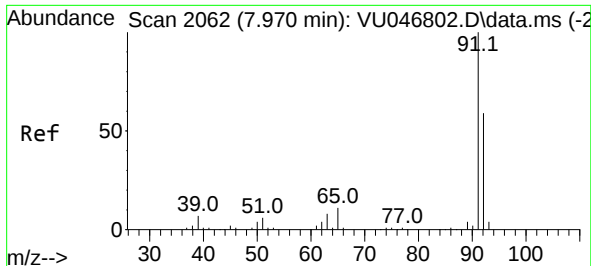
Ion Ratio Lower Upper

43 100

58 44.0 33.1 49.7

100 18.9 13.2 19.8





#42

Toluene

Concen: 4.347 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU046837.D

Acq: 26 Jan 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

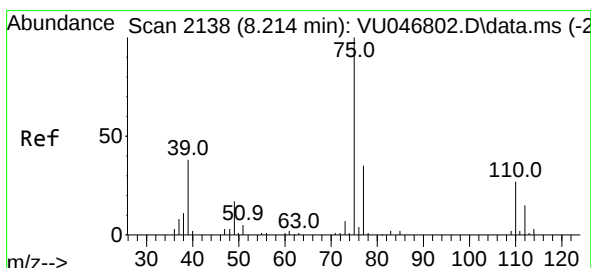
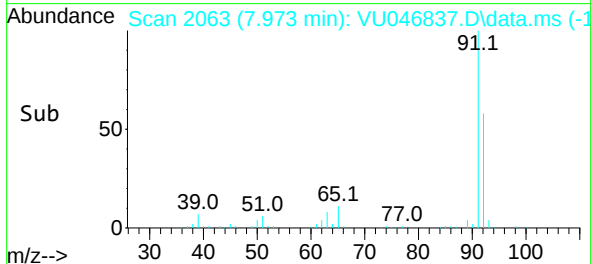
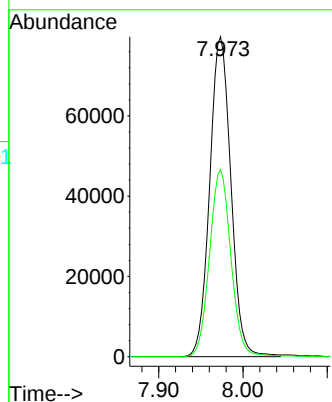
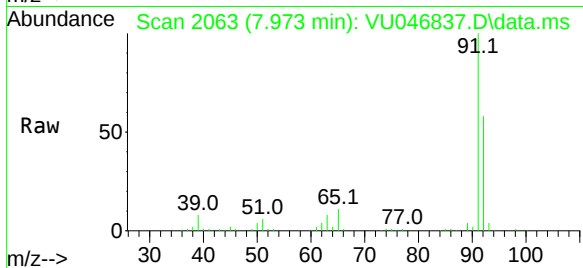
VSTD005172

Tgt Ion: 91 Resp: 139356

Ion Ratio Lower Upper

91 100

92 58.5 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.713 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU046837.D

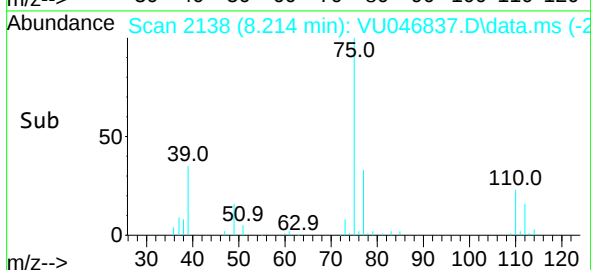
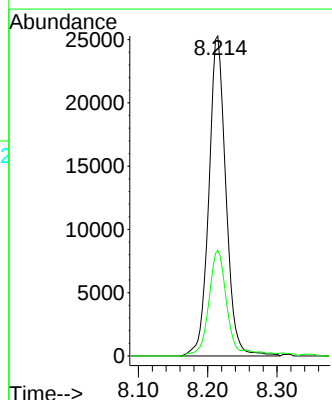
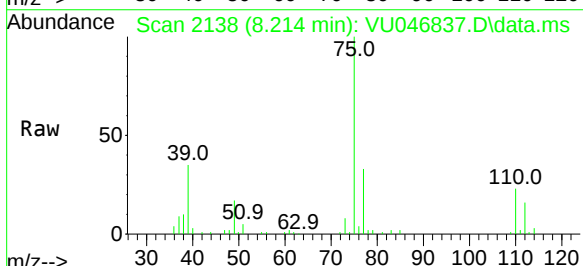
Acq: 26 Jan 2022 11:03

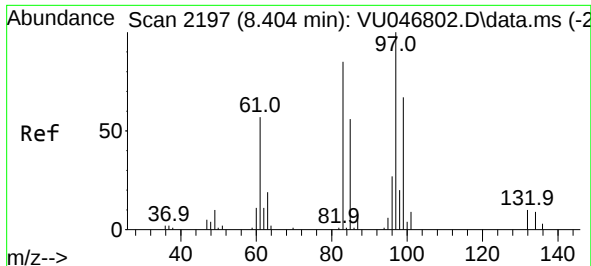
Tgt Ion: 75 Resp: 43109

Ion Ratio Lower Upper

75 100

77 33.0 22.7 42.3

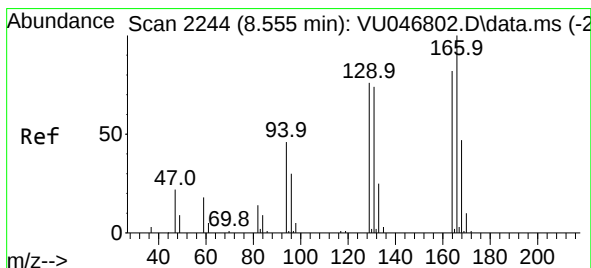
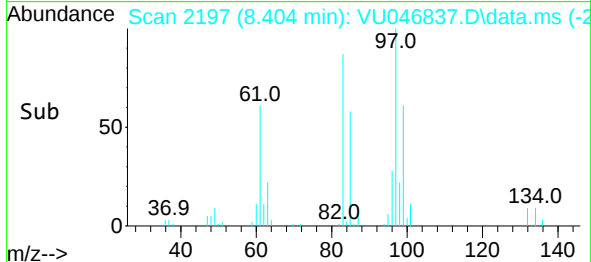
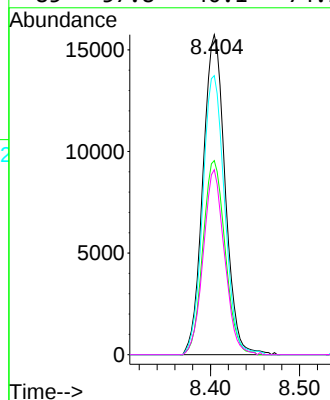
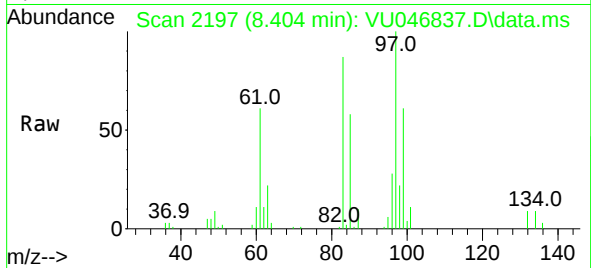




#45
1,1,2-Trichloroethane
Concen: 4.865 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

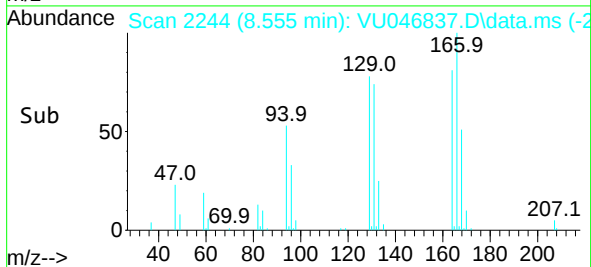
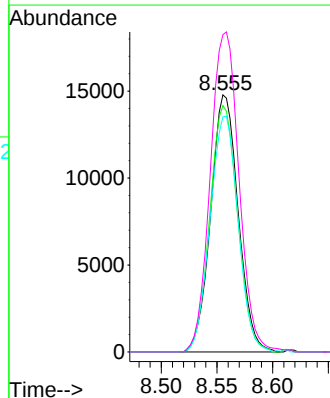
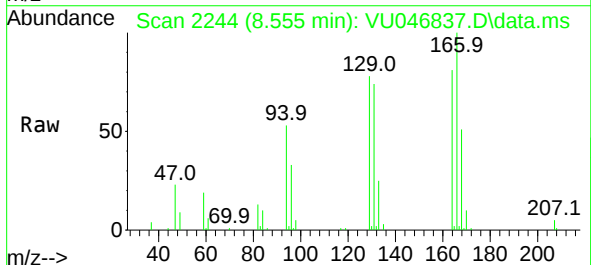
Instrument :
MSVOA_U
ClientSampleId :
VSTD005172

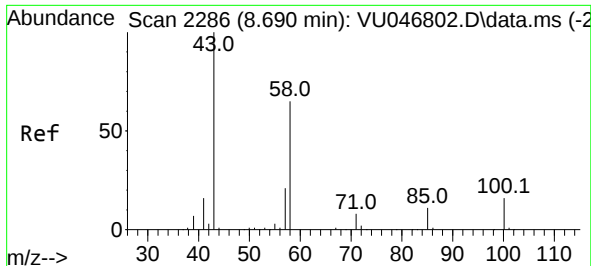
Tgt Ion: 97	Resp:	27234	
Ion	Ratio	Lower	Upper
97	100		
99	60.6	42.3	78.5
83	87.2	62.0	115.2
85	57.8	40.1	74.5



#47
Tetrachloroethene
Concen: 4.477 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

Tgt	Ion:164	Resp:	25358
Ion	Ratio	Lower	Upper
164	100		
129	95.8	71.8	133.4
131	91.5	68.5	127.3
166	123.4	94.1	174.8

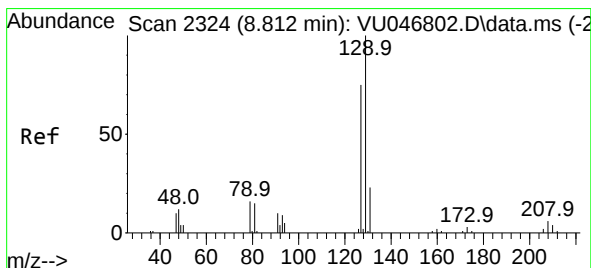
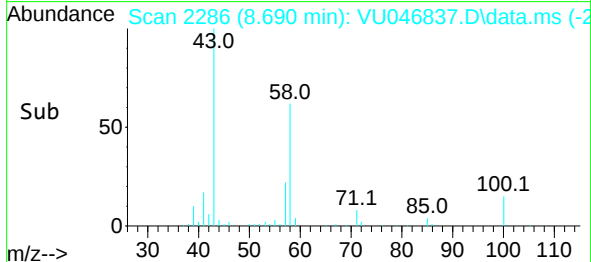
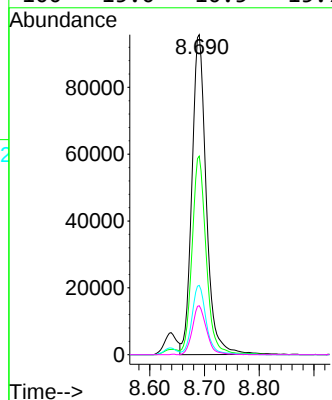
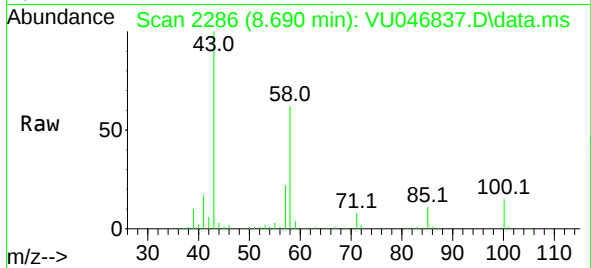




#48
2-Hexanone
Concen: 47.874 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

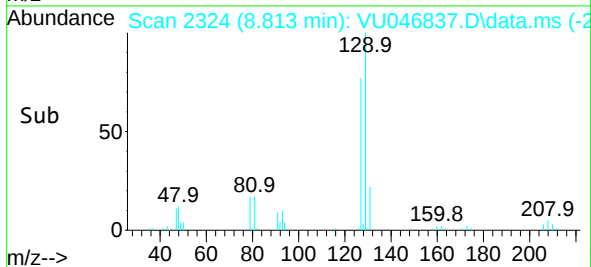
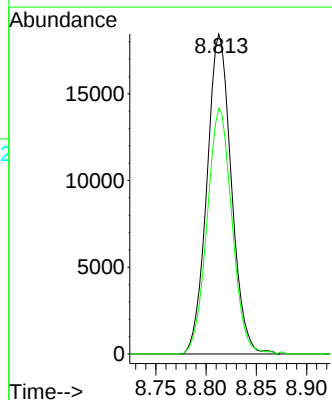
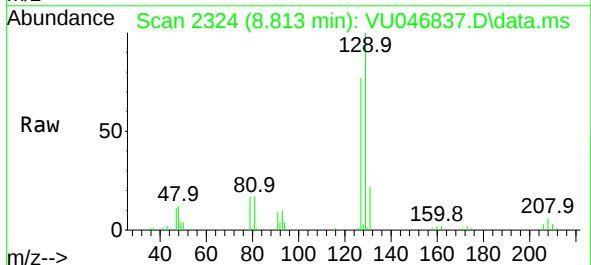
Instrument :
MSVOA_U
ClientSampleId :
VSTD005172

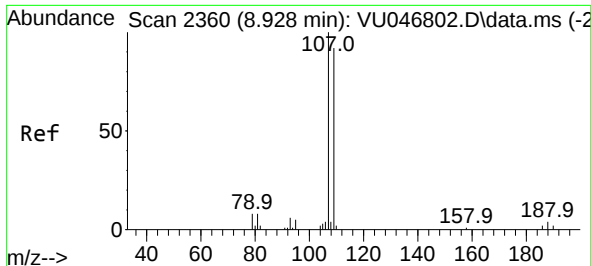
Tgt Ion: 43 Resp: 174306
Ion Ratio Lower Upper
43 100
58 61.2 46.7 70.1
57 21.2 16.3 24.5
100 15.0 10.5 15.7



#49
Dibromochloromethane
Concen: 4.723 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

Tgt Ion: 129 Resp: 31187
Ion Ratio Lower Upper
129 100
127 76.7 55.4 102.8





#50

1,2-Dibromoethane

Concen: 4.539 ug/L

RT: 8.928 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU046837.D

Acq: 26 Jan 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005172

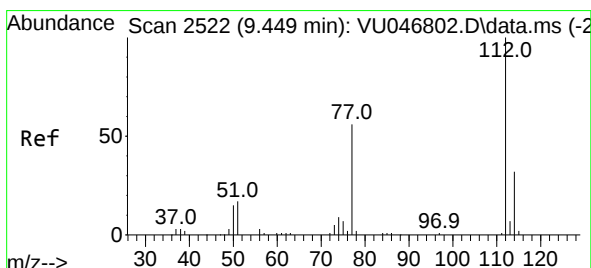
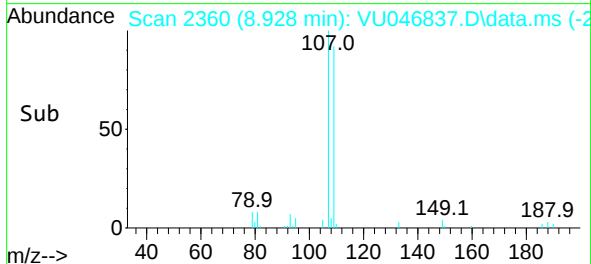
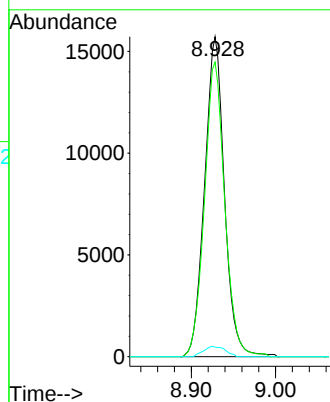
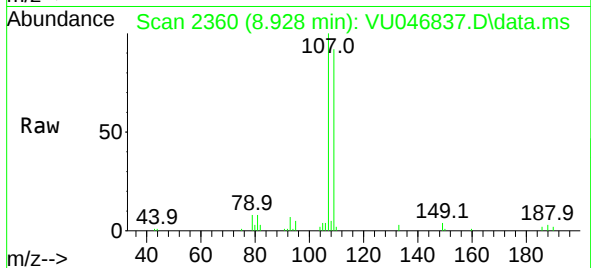
Tgt Ion:107 Resp: 25753

Ion Ratio Lower Upper

107 100

109 92.1 64.0 119.0

188 3.0 2.4 3.6



#51

Chlorobenzene

Concen: 4.534 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU046837.D

Acq: 26 Jan 2022 11:03

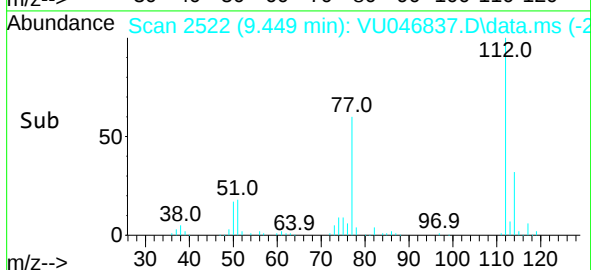
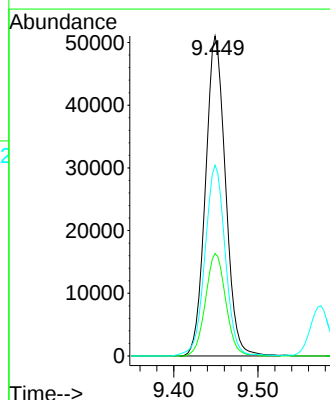
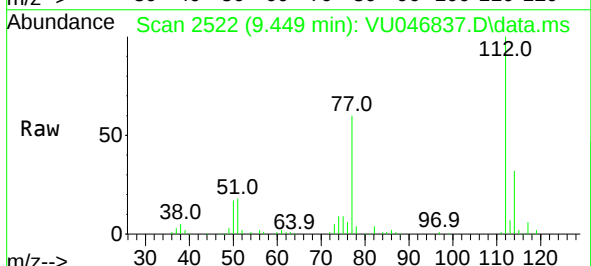
Tgt Ion:112 Resp: 84421

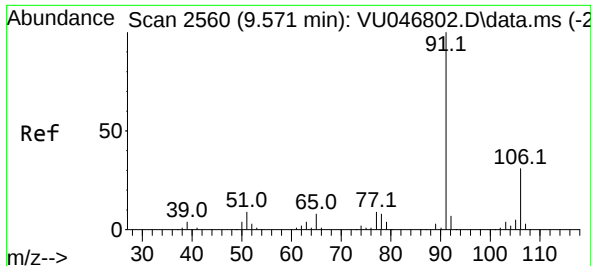
Ion Ratio Lower Upper

112 100

114 32.1 22.1 41.1

77 59.6 48.3 72.5





#52

Ethylbenzene

Concen: 4.542 ug/L

RT: 9.575 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU046837.D

Acq: 26 Jan 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

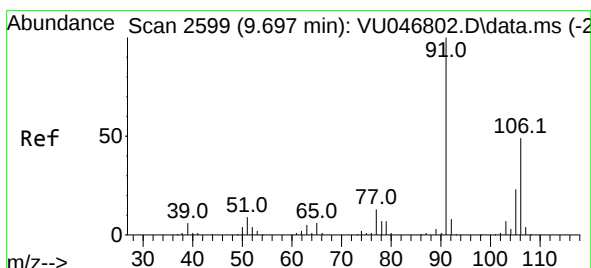
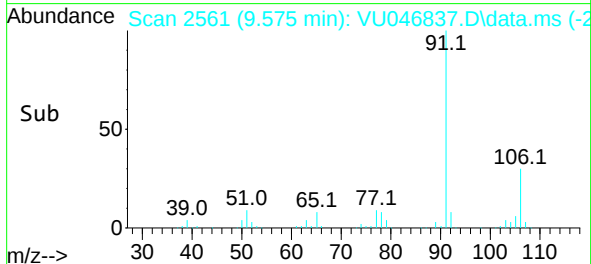
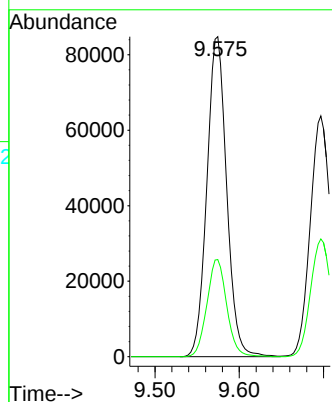
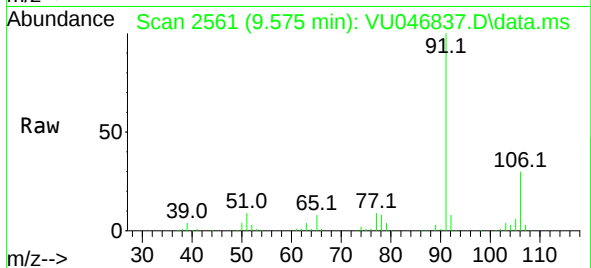
VSTD005172

Tgt Ion: 91 Resp: 138436

Ion Ratio Lower Upper

91 100

106 30.4 21.5 39.9



#53

m,p-Xylene

Concen: 4.392 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU046837.D

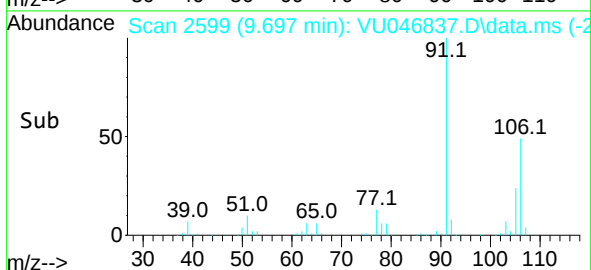
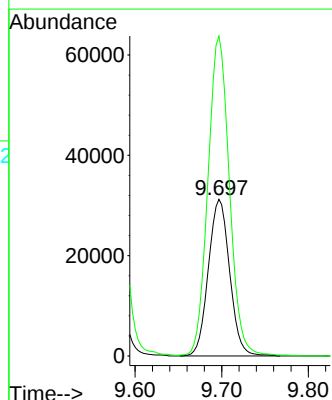
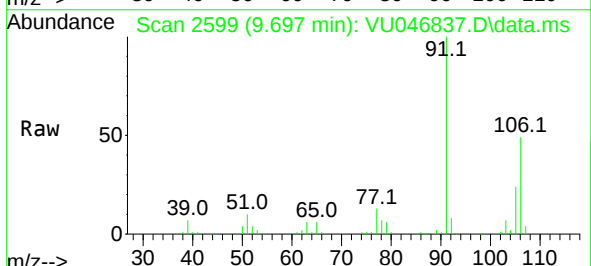
Acq: 26 Jan 2022 11:03

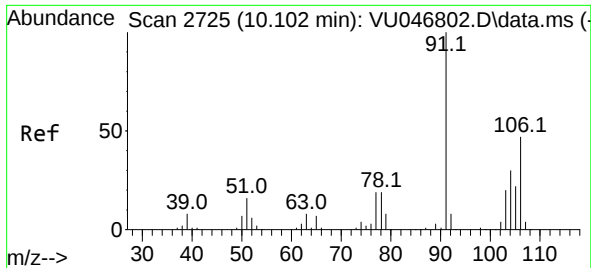
Tgt Ion:106 Resp: 53365

Ion Ratio Lower Upper

106 100

91 204.3 139.4 259.0

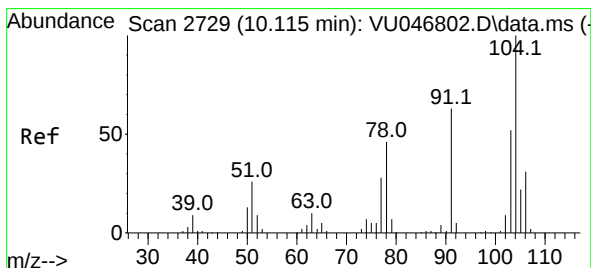
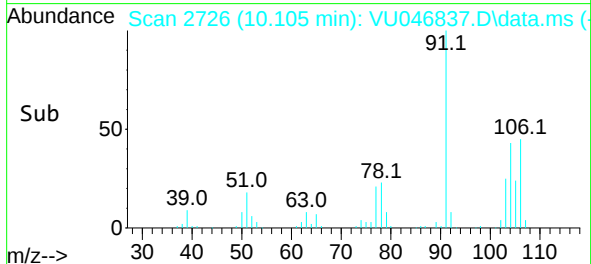
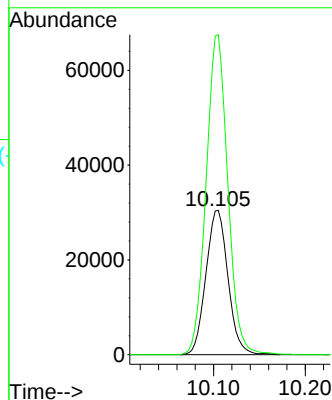
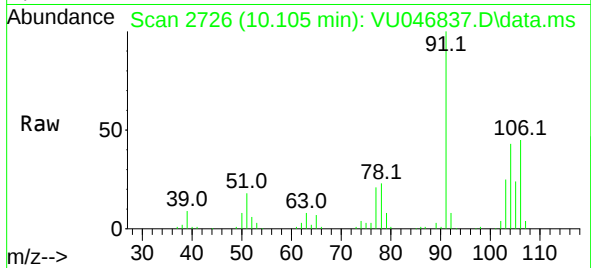




#54
o-Xylene
Concen: 4.324 ug/L
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

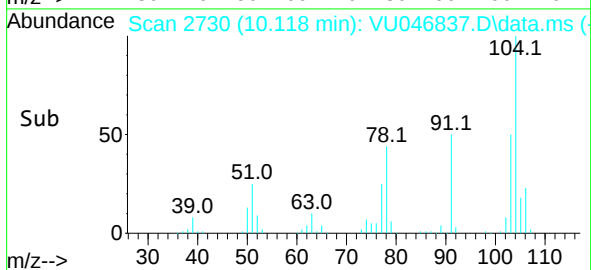
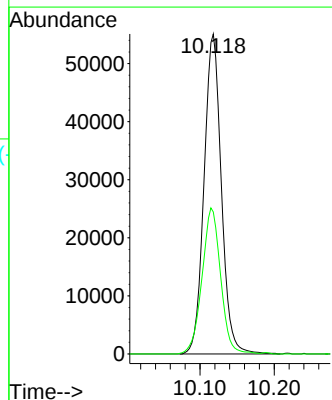
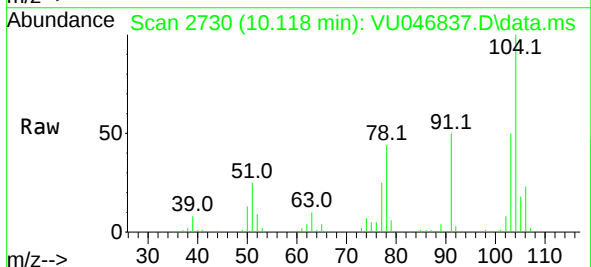
Instrument :
MSVOA_U
ClientSampleId :
VSTD005172

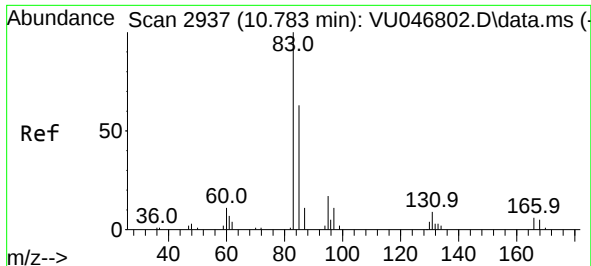
Tgt Ion:106 Resp: 50926
Ion Ratio Lower Upper
106 100
91 221.8 147.5 273.9



#55
Styrene
Concen: 4.627 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

Tgt Ion:104 Resp: 89147
Ion Ratio Lower Upper
104 100
78 44.3 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.666 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU046837.D

Acq: 26 Jan 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005172

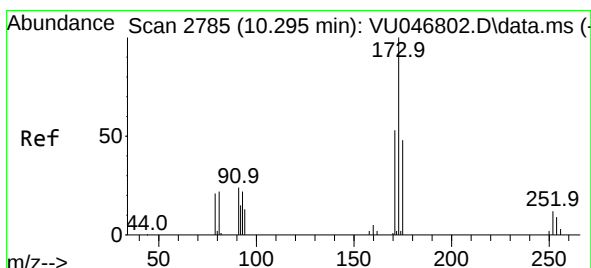
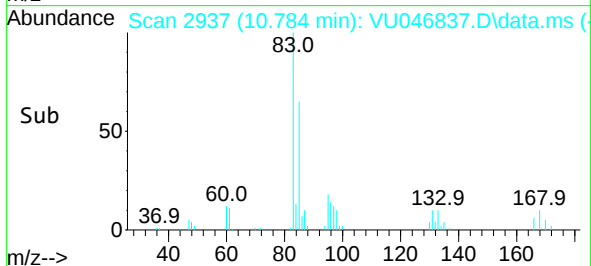
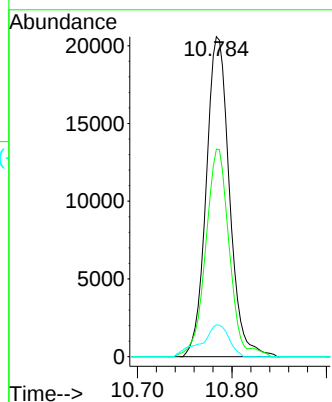
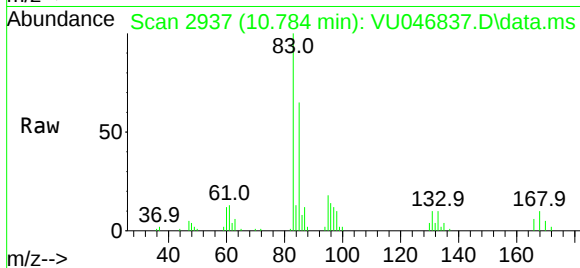
Tgt Ion: 83 Resp: 35128

Ion Ratio Lower Upper

83 100

85 64.9 47.9 89.1

131 9.9 8.1 12.1



#59

Bromoform

Concen: 4.402 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. -0.000 min

Lab File: VU046837.D

Acq: 26 Jan 2022 11:03

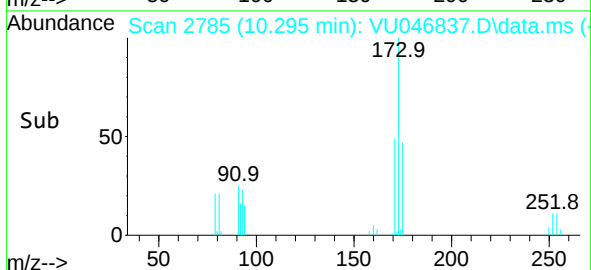
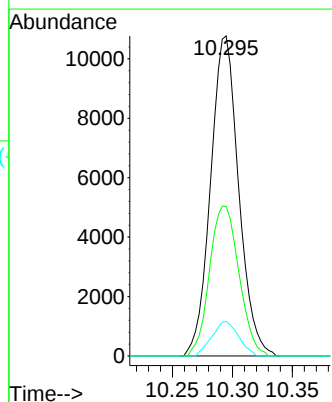
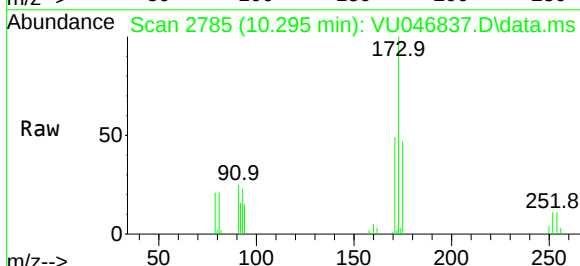
Tgt Ion:173 Resp: 17521

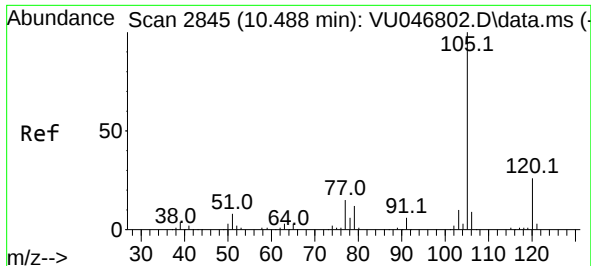
Ion Ratio Lower Upper

173 100

175 49.1 37.8 56.6

254 10.2 7.3 10.9

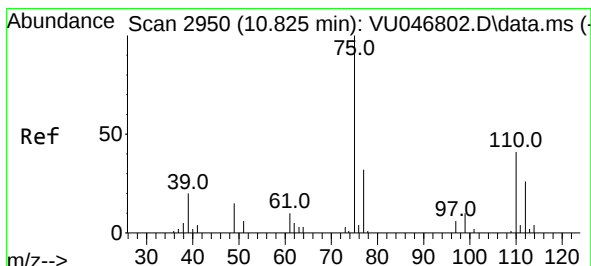
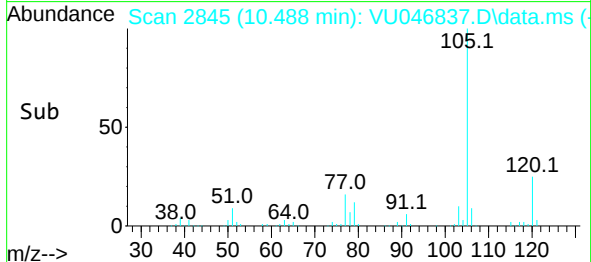
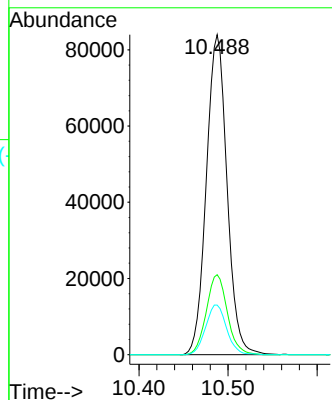
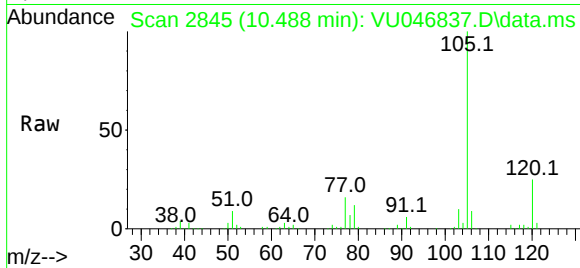




#60
Isopropylbenzene
Concen: 4.488 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

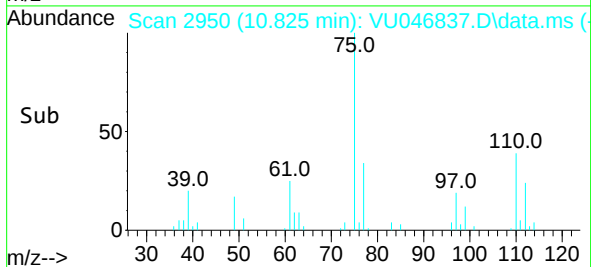
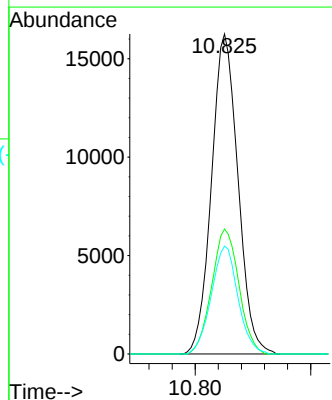
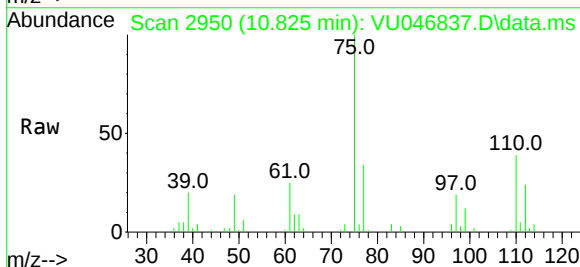
Instrument :
MSVOA_U
ClientSampleId :
VSTD005172

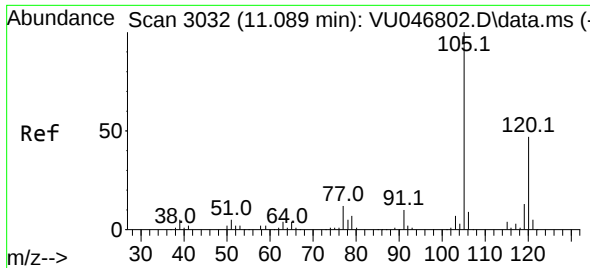
Tgt Ion:105 Resp: 135127
Ion Ratio Lower Upper
105 100
120 25.4 20.7 31.1
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.717 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

Tgt Ion: 75 Resp: 25835
Ion Ratio Lower Upper
75 100
110 40.0 29.9 44.9
77 33.9 25.5 38.3

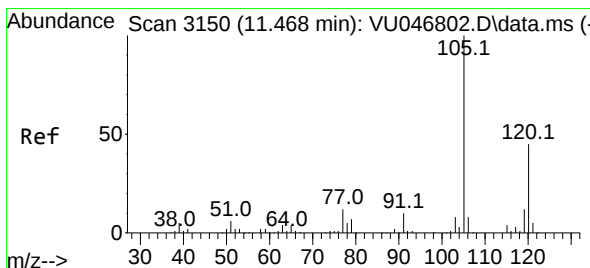
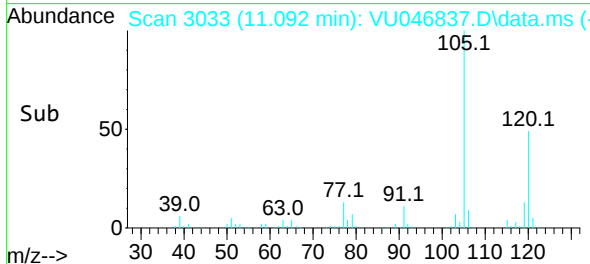
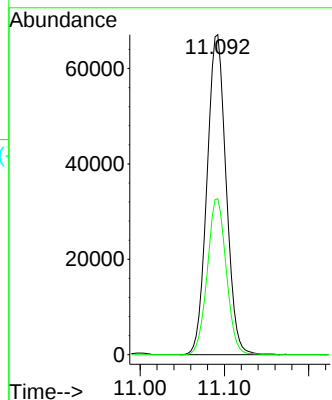
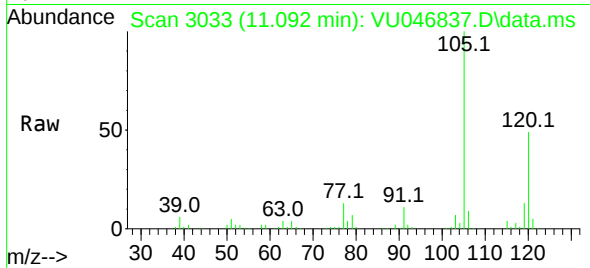




#62
 1,3,5-Trimethylbenzene
 Concen: 4.285 ug/L
 RT: 11.092 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU046837.D
 Acq: 26 Jan 2022 11:03

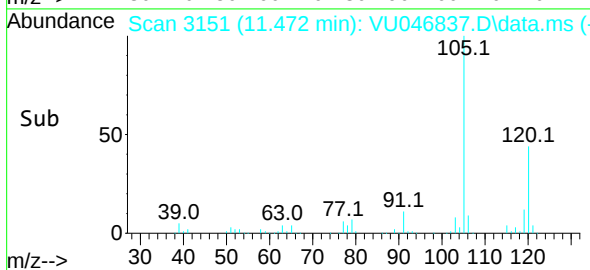
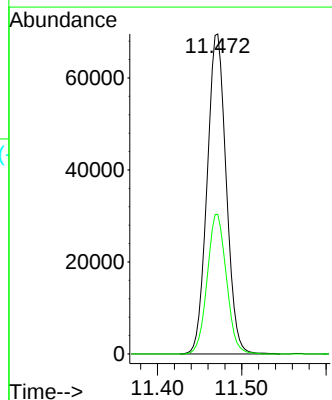
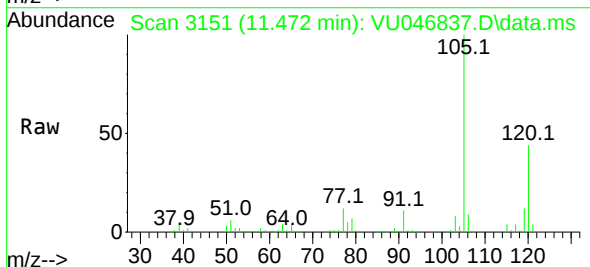
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005172

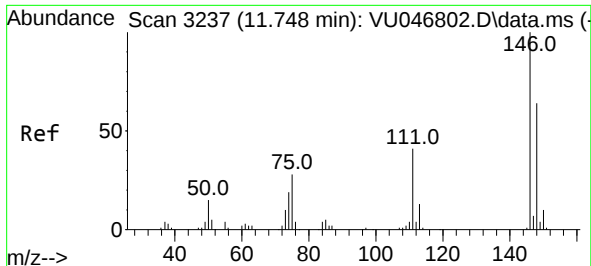
Tgt Ion:105 Resp: 105884
 Ion Ratio Lower Upper
 105 100
 120 48.2 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 4.312 ug/L
 RT: 11.472 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VU046837.D
 Acq: 26 Jan 2022 11:03

Tgt Ion:105 Resp: 109665
 Ion Ratio Lower Upper
 105 100
 120 43.8 35.8 53.8

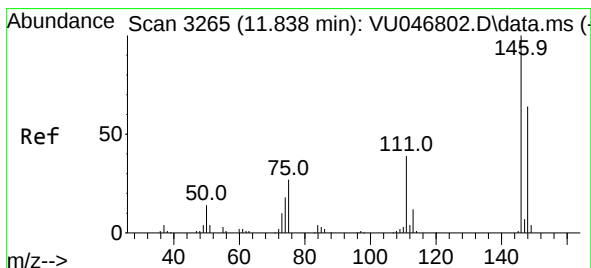
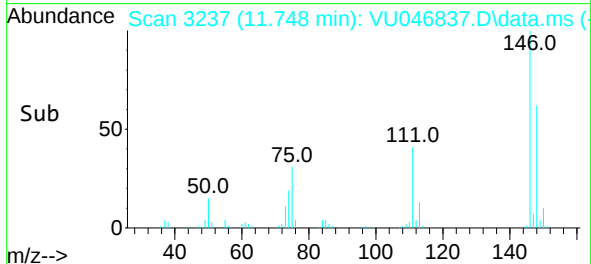
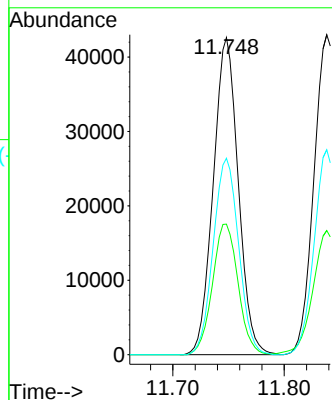
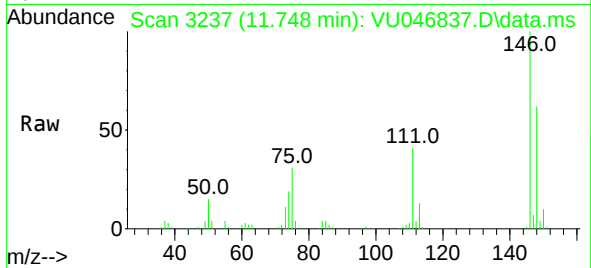




#64
1,3-Dichlorobenzene
Concen: 4.410 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

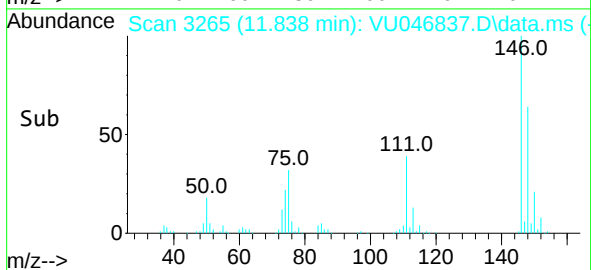
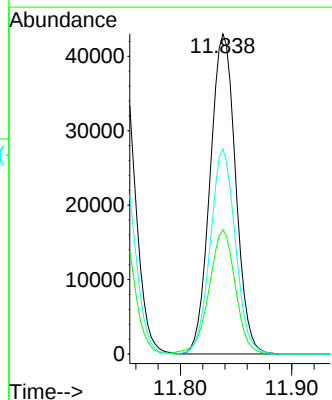
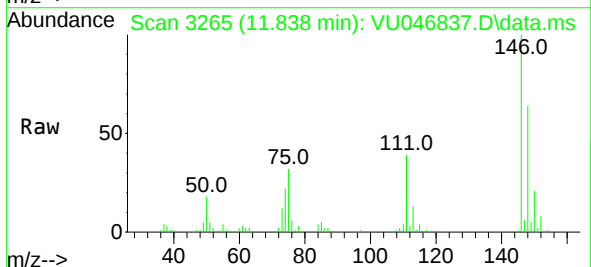
Instrument :
MSVOA_U
ClientSampleId :
VSTD005172

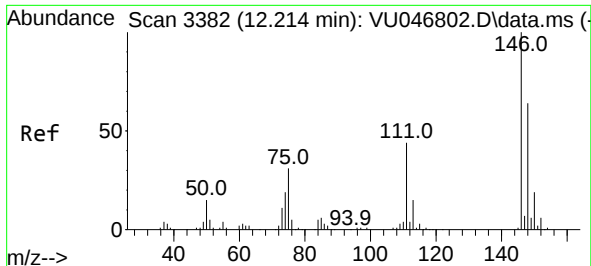
Tgt Ion:146 Resp: 66371
Ion Ratio Lower Upper
146 100
111 41.1 29.9 55.5
148 61.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.519 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

Tgt Ion:146 Resp: 68439
Ion Ratio Lower Upper
146 100
111 38.8 28.7 53.3
148 64.1 45.8 85.0

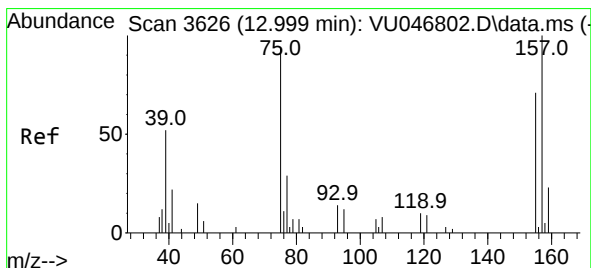
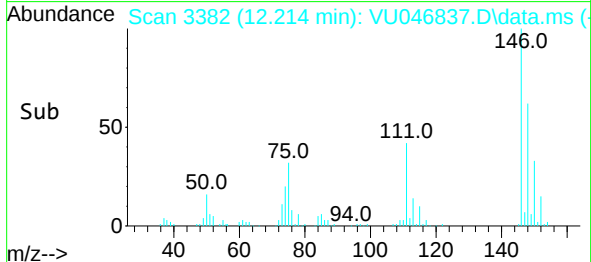
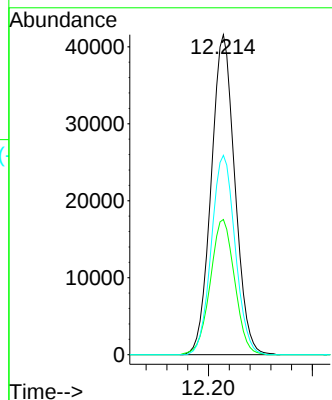
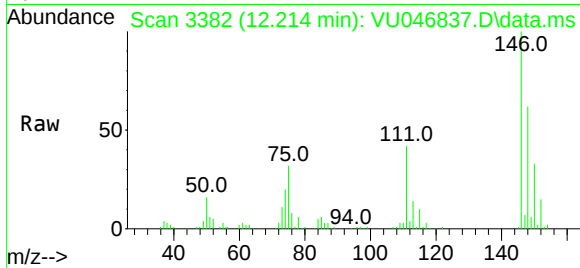




#67
 1,2-Dichlorobenzene
 Concen: 4.521 ug/L
 RT: 12.214 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU046837.D
 Acq: 26 Jan 2022 11:03

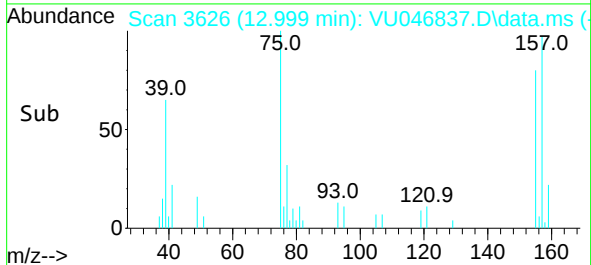
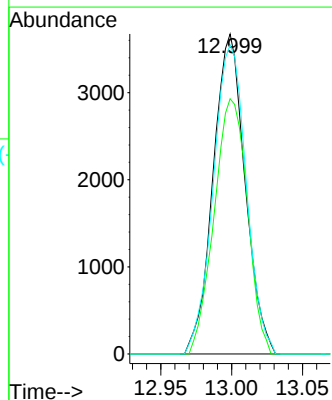
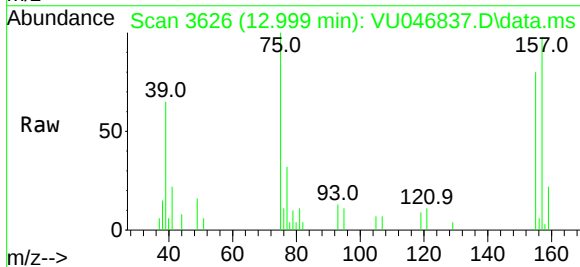
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005172

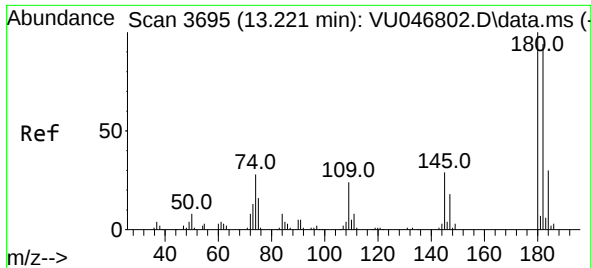
Tgt Ion:146 Resp: 65811
 Ion Ratio Lower Upper
 146 100
 111 42.2 35.4 53.0
 148 62.3 51.1 76.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.072 ug/L
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.000 min
 Lab File: VU046837.D
 Acq: 26 Jan 2022 11:03

Tgt Ion: 75 Resp: 5765
 Ion Ratio Lower Upper
 75 100
 155 79.7 59.2 88.8
 157 96.5 76.5 114.7

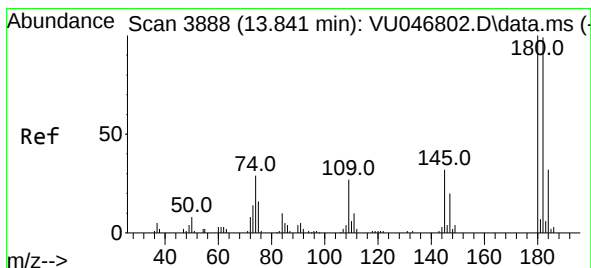
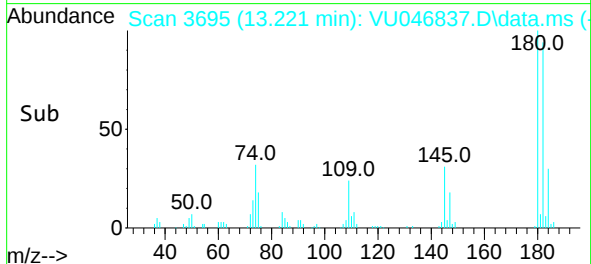
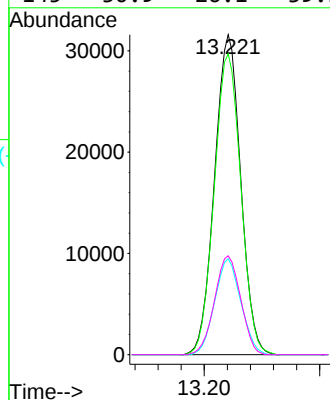
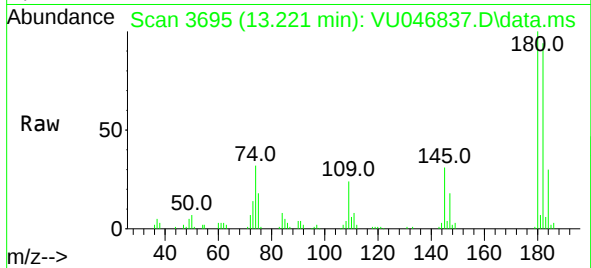




#69
1,3,5-Trichlorobenzene
Concen: 4.177 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

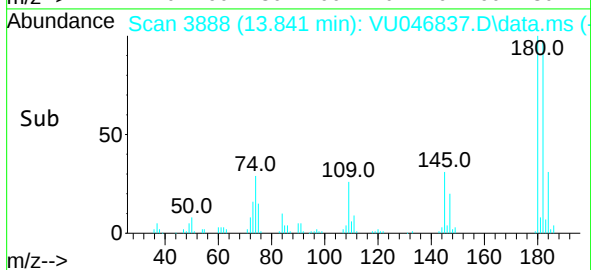
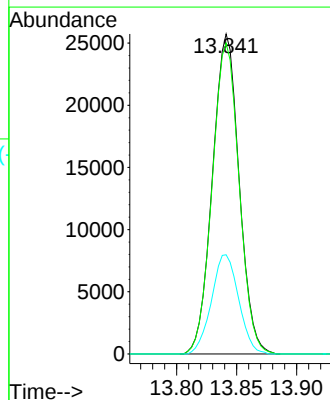
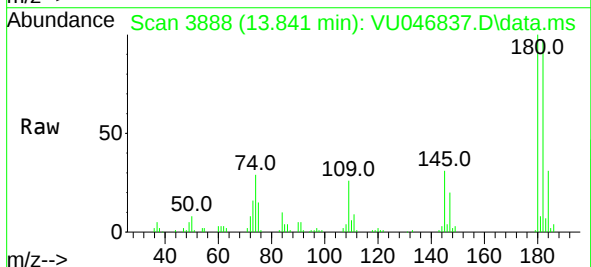
Instrument :
MSVOA_U
ClientSampleId :
VSTD005172

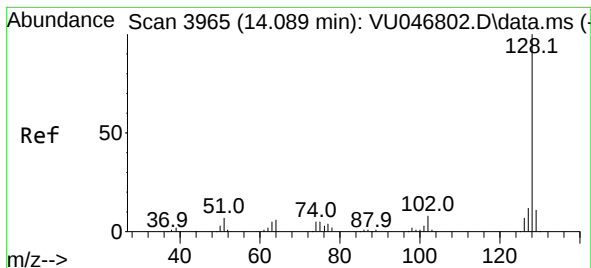
Tgt Ion:180	Resp:	49563
Ion Ratio	Lower	Upper
180	100	
182	95.6	76.1 114.1
184	30.0	25.0 37.4
145	30.9	26.1 39.1



#70
1,2,4-trichlorobenzene
Concen: 4.009 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046837.D
Acq: 26 Jan 2022 11:03

Tgt Ion:180	Resp:	39763
Ion Ratio	Lower	Upper
180	100	
182	97.8	76.4 114.6
145	31.6	25.6 38.4





#71

Naphthalene

Concen: 3.928 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. -0.000 min

Lab File: VU046837.D

Acq: 26 Jan 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005172

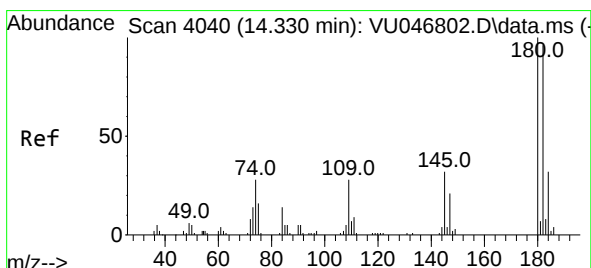
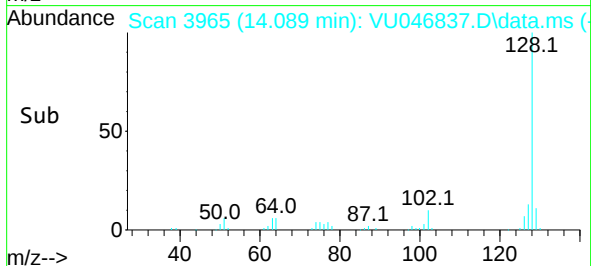
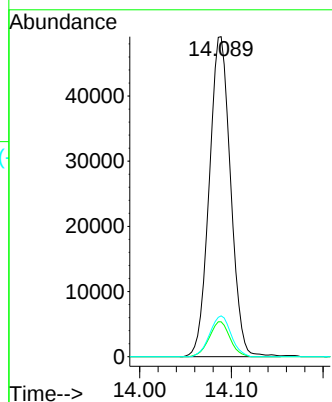
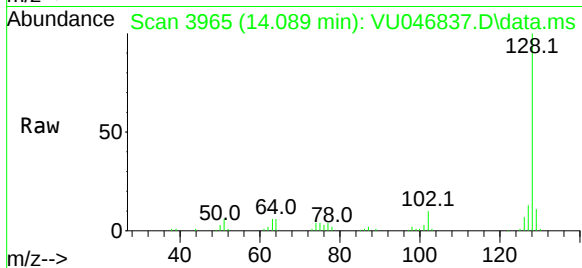
Tgt Ion:128 Resp: 79335

Ion Ratio Lower Upper

128 100

129 10.6 8.4 12.6

127 12.8 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.397 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU046837.D

Acq: 26 Jan 2022 11:03

Tgt Ion:180 Resp: 41196

Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.4

145 32.5 28.4 42.6

