

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U080422\
 Data File : U050085.D
 Acq On : 05 Aug 2022 01:03
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005147

Quant Time: Aug 05 05:00:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:52:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	94035	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	92909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39425	5.038	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.912	69	32647	5.171	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 103.400%		
11) 1,1-Dichloroethene-d2	2.565	65	15025	4.913	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.200%		
20) 2-Butanone-d5	4.636	46	114645	60.075	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 120.160%		
24) Chloroform-d	5.063	84	75820	5.209	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.200%		
26) 1,2-Dichloroethane-d4	5.703	65	38118	5.100	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.000%		
32) Benzene-d6	5.729	84	147584	5.090	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.800%		
36) 1,2-Dichloropropane-d6	6.690	67	48644	5.095	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 101.800%		
41) Toluene-d8	7.899	98	132855	5.188	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.800%		
43) trans-1,3-Dichloroprop...	8.179	79	16981	4.963	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 99.200%		
46) 2-Hexanone-d5	8.635	63	72062	59.394	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 118.780%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	44875	5.352	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.000%		
66) 1,2-Dichlorobenzene-d4	12.192	152	43631	5.056	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 101.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	45718	5.303	ug/L	97
3) Chloromethane	1.520	50	57224	5.074	ug/L	100
5) Vinyl chloride	1.600	62	53171	5.263	ug/L	97
6) Bromomethane	1.858	94	27211	4.219	ug/L	99
8) Chloroethane	1.932	64	31697	5.325	ug/L	99
9) Trichlorofluoromethane	2.137	101	58625	5.299	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	32689	5.311	ug/L	96
12) 1,1-Dichloroethene	2.578	96	33840	5.206	ug/L	90
13) Acetone	2.645	43	70147	66.003	ug/L	99
14) Carbon disulfide	2.790	76	118895	5.121	ug/L	100
15) Methyl Acetate	2.957	43	16017	5.520	ug/L	97
16) Methylene chloride	3.044	84	46412	4.673	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	88007	5.188	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	37968	5.217	ug/L	98
19) 1,1-Dichloroethane	3.870	63	73207	5.312	ug/L	99
21) 2-Butanone	4.716	43	119317	62.433	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	44506	5.510	ug/L	96
23) Bromochloromethane	4.976	128	20767	5.379	ug/L	96
25) Chloroform	5.089	83	76665	5.218	ug/L	99

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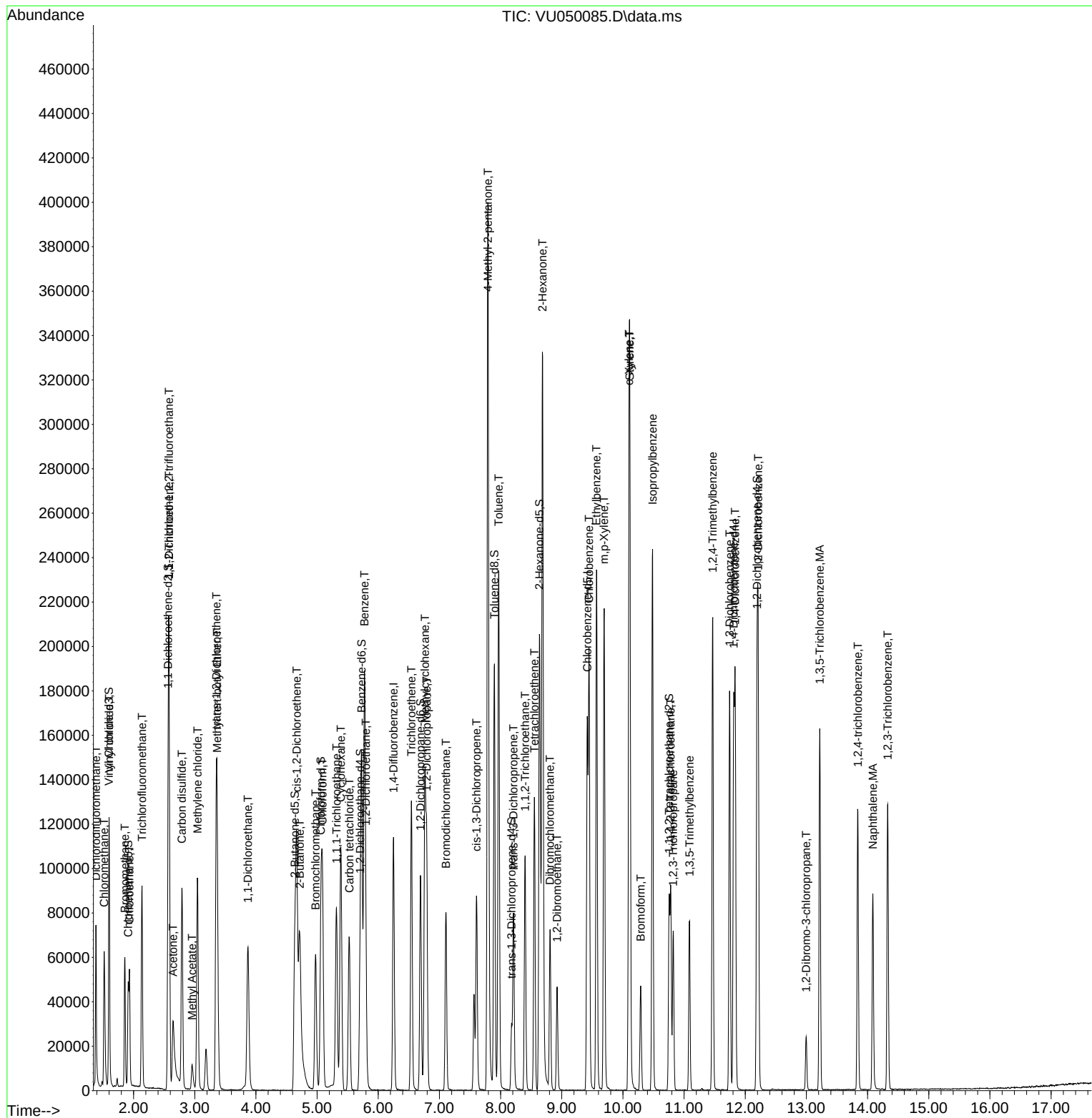
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	46170	5.163	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	59806	5.247	ug/L	99
30) Cyclohexane	5.388	56	51958	5.232	ug/L	100
31) Carbon tetrachloride	5.526	117	49737	5.324	ug/L	99
33) Benzene	5.774	78	173134	5.319	ug/L	100
34) Trichloroethene	6.542	95	46360	5.889	ug/L	99
35) Methylcyclohexane	6.764	83	52577	5.173	ug/L	99
37) 1,2-Dichloropropane	6.793	63	45094	5.201	ug/L	100
38) Bromodichloromethane	7.108	83	54434	5.168	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	54142	4.785	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	271338	54.028	ug/L	99
42) Toluene	7.970	91	178064	5.454	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	47692	4.914	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	34538	5.329	ug/L	99
47) Tetrachloroethene	8.552	164	29482	5.226	ug/L	94
48) 2-Hexanone	8.687	43	210288	54.137	ug/L	98
49) Dibromochloromethane	8.809	129	37159	5.180	ug/L	99
50) 1,2-Dibromoethane	8.925	107	32502	5.530	ug/L	96
51) Chlorobenzene	9.446	112	106670	5.193	ug/L	96
52) Ethylbenzene	9.568	91	167514	5.258	ug/L	100
53) m,p-Xylene	9.693	106	64243	5.476	ug/L	100
54) o-Xylene	10.098	106	63720	5.441	ug/L	97
55) Styrene	10.115	104	108822	5.562	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	45103	5.296	ug/L	97
59) Bromoform	10.291	173	22010	4.983	ug/L	99
60) Isopropylbenzene	10.484	105	155820	5.297	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	30840	5.140	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	42075	5.063	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	118645	5.240	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	74763	5.043	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	73334	5.083	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	73720	5.135	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	6688	5.685	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	51660	4.891	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	39807	4.974	ug/L	99
71) Naphthalene	14.085	128	73694	4.491	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	40957	5.049	ug/L	99

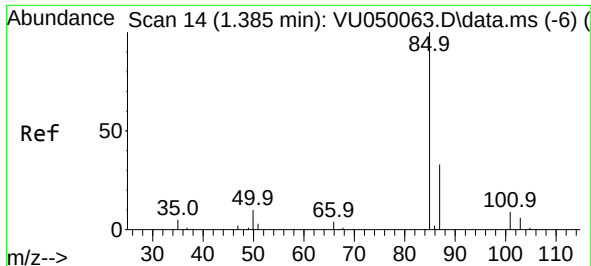
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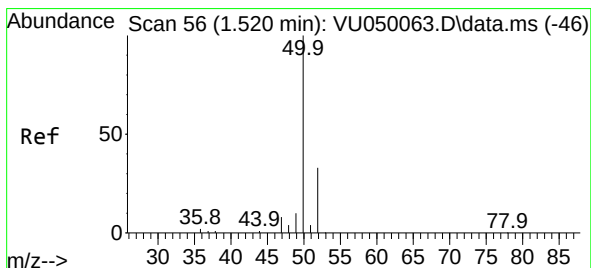
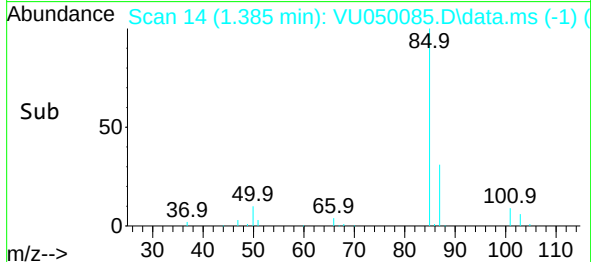
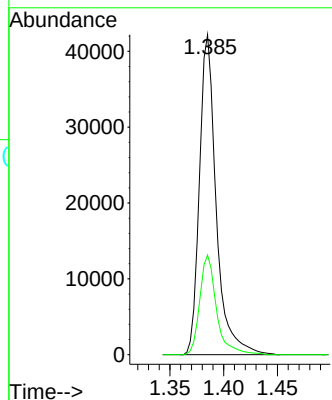
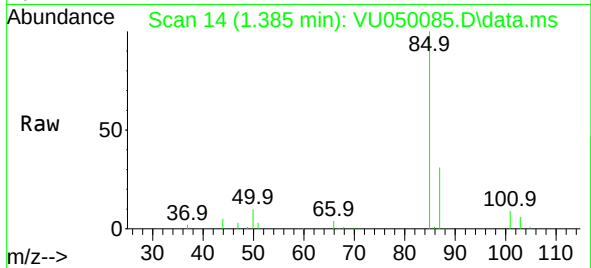




#2
Dichlorodifluoromethane
Concen: 5.303 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

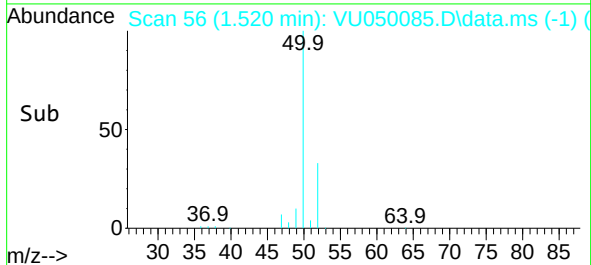
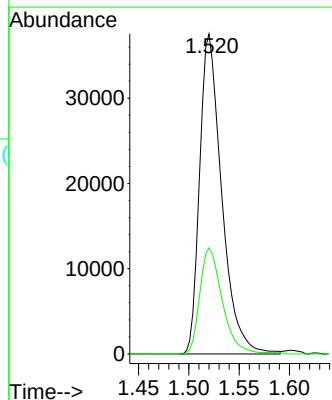
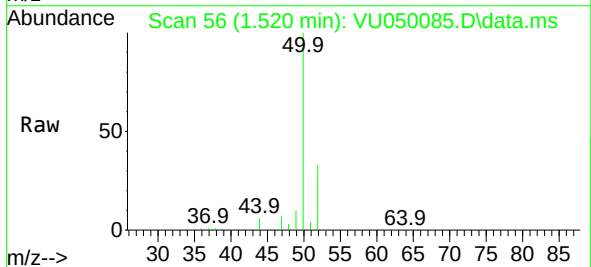
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MSVOA_U
ClientSampleId :
VSTD005147

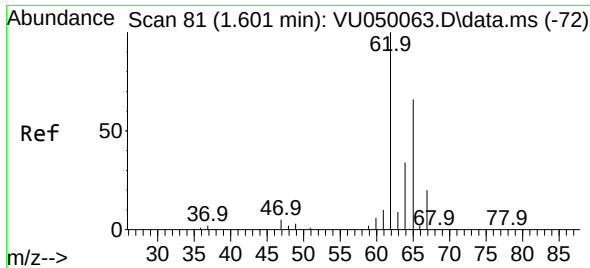
Tgt Ion: 85 Resp: 45718
Ion Ratio Lower Upper
85 100
87 31.1 26.2 39.4



#3
Chloromethane
Concen: 5.074 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion: 50 Resp: 57224
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.2

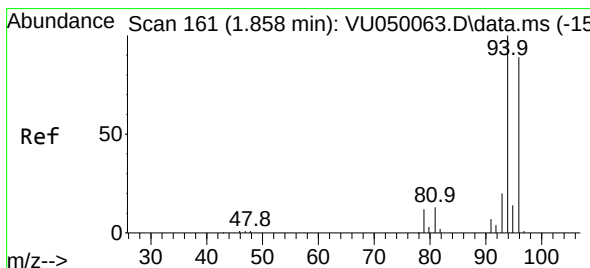
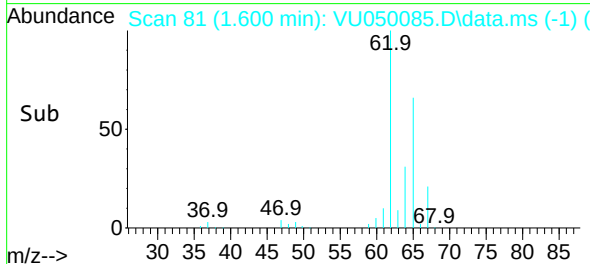
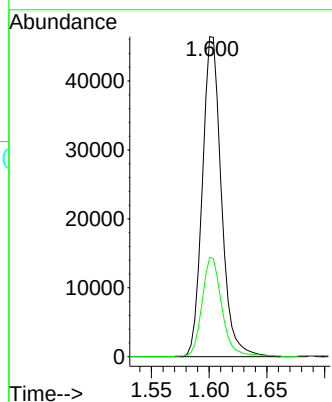
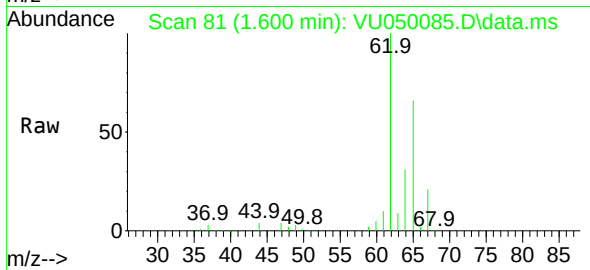




#5
 Vinyl chloride
 Concen: 5.263 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050085.D
 Acq: 05 Aug 2022 01:03

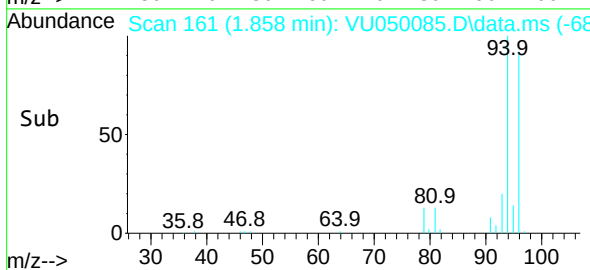
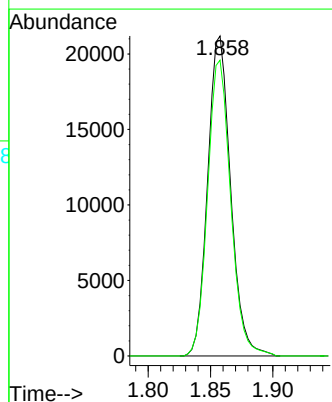
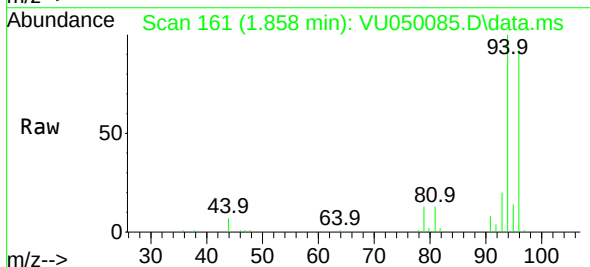
Instrument :
 MSVOA_U
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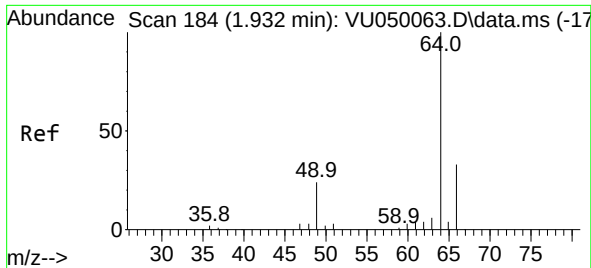
Tgt Ion: 62 Resp: 53171
 Ion Ratio Lower Upper
 62 100
 64 31.1 22.8 42.4



#6
 Bromomethane
 Concen: 4.219 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU050085.D
 Acq: 05 Aug 2022 01:03

Tgt Ion: 94 Resp: 27211
 Ion Ratio Lower Upper
 94 100
 96 92.4 65.3 121.3

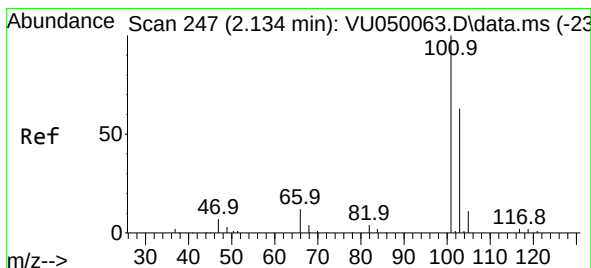
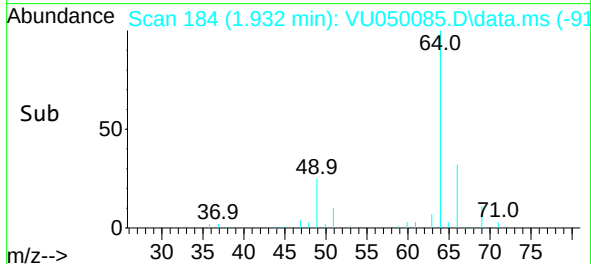
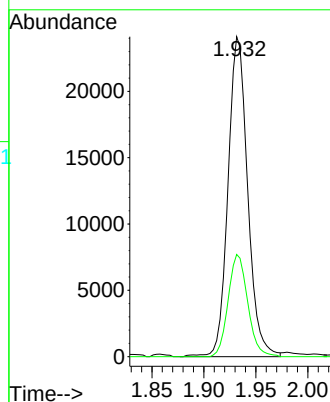
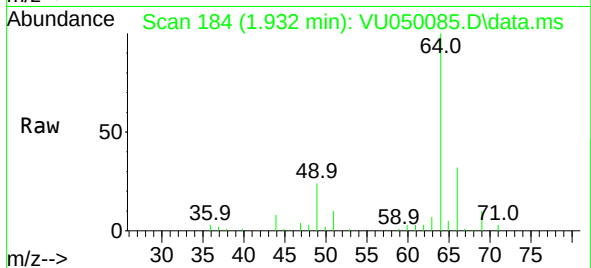




#8
Chloroethane
Concen: 5.325 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

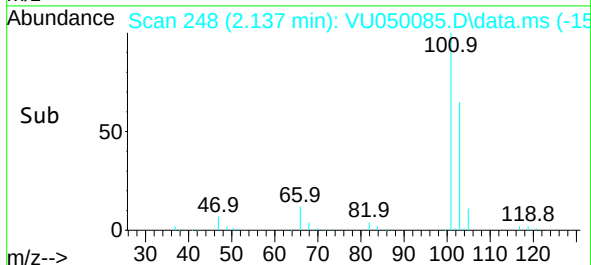
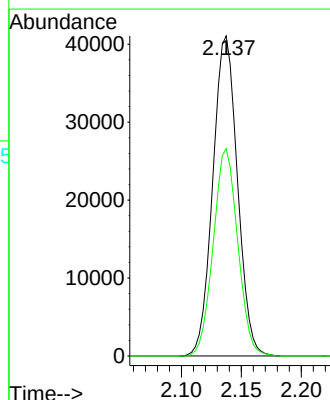
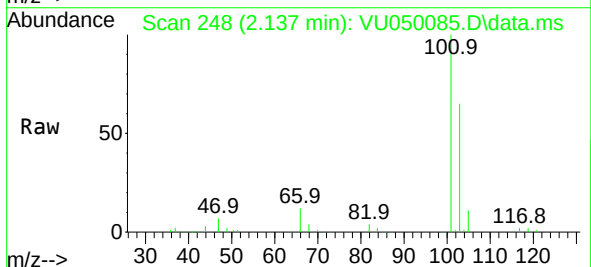
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ClientSampleId :
VSTD005147

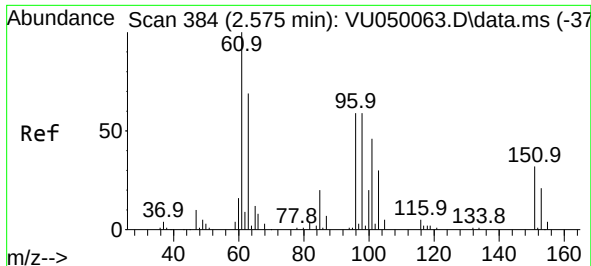
Tgt Ion: 64 Resp: 31697
Ion Ratio Lower Upper
64 100
66 32.0 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.299 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion:101 Resp: 58625
Ion Ratio Lower Upper
101 100
103 64.2 52.6 78.8





#10

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

Concen: 5.311 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU050085.D

Acq: 05 Aug 2022 01:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005147

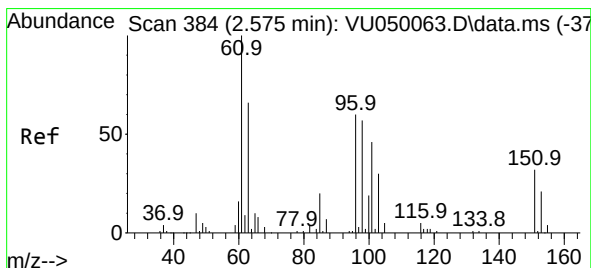
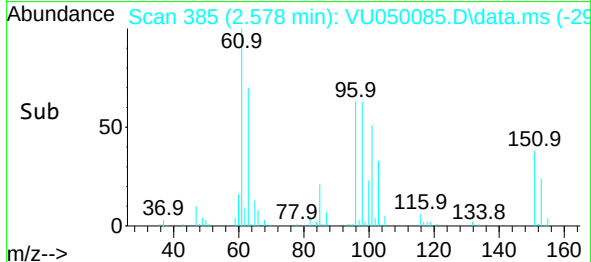
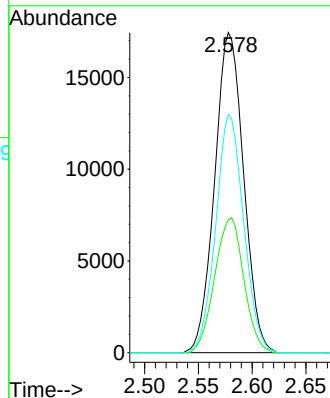
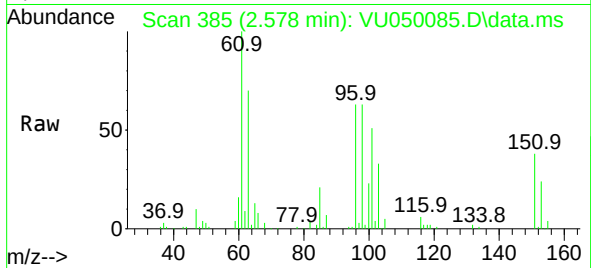
Tgt Ion:101 Resp: 32689

Ion Ratio Lower Upper

101 100

85 42.3 35.6 53.4

151 71.9 55.2 82.8



#12

1,1-Dichloroethene

Concen: 5.206 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU050085.D

Acq: 05 Aug 2022 01:03

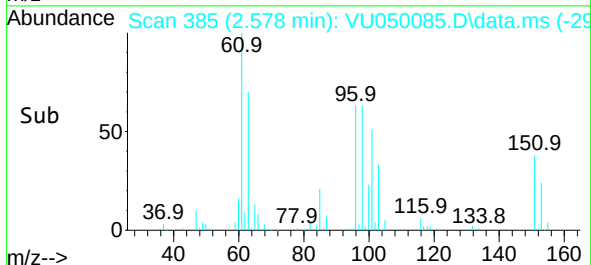
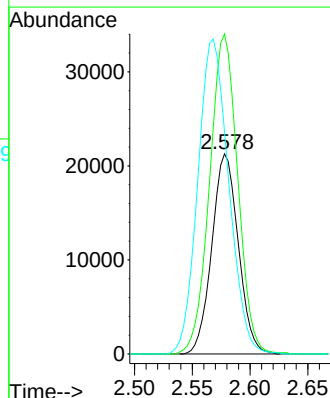
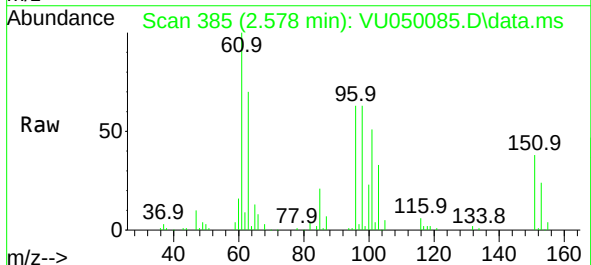
Tgt Ion: 96 Resp: 33840

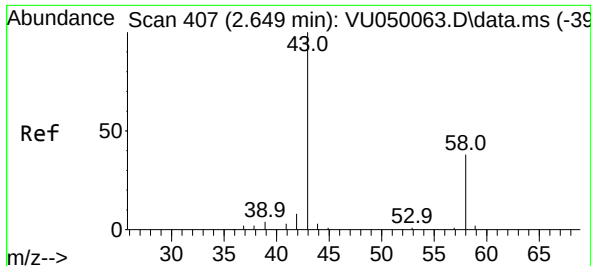
Ion Ratio Lower Upper

96 100

61 159.9 122.7 227.9

63 111.2 85.1 158.1





#13

Acetone

Concen: 66.003 ug/L

RT: 2.645 min Scan# 407

Delta R.T. -0.003 min

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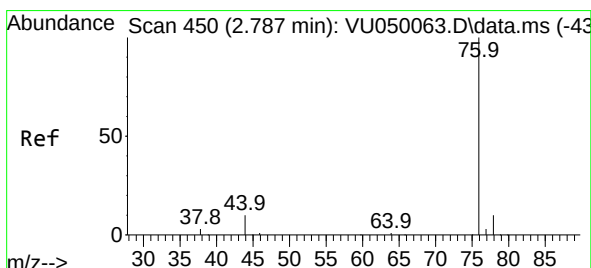
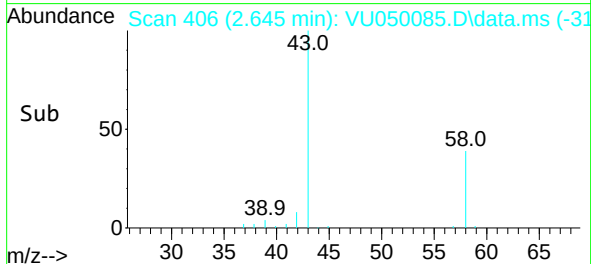
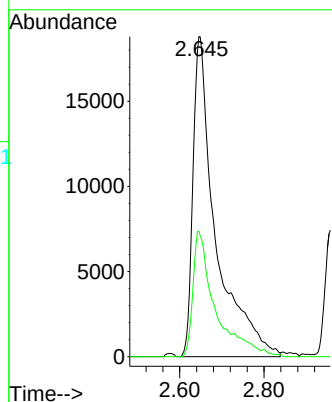
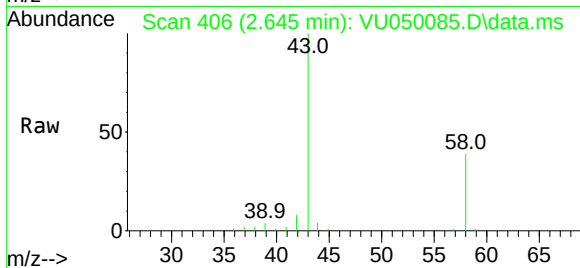
VSTD005147

Tgt Ion: 43 Resp: 70147

Ion Ratio Lower Upper

43 100

58 32.6 0.0 64.0



#14

Carbon disulfide

Concen: 5.121 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050085.D

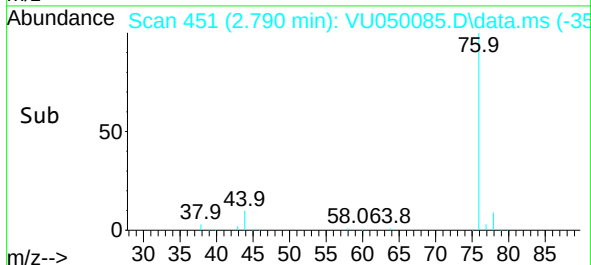
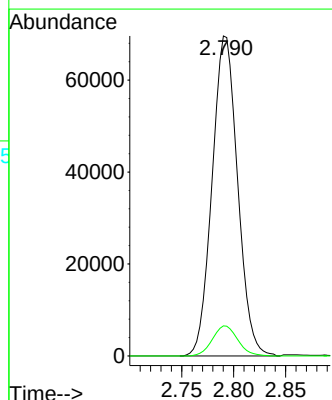
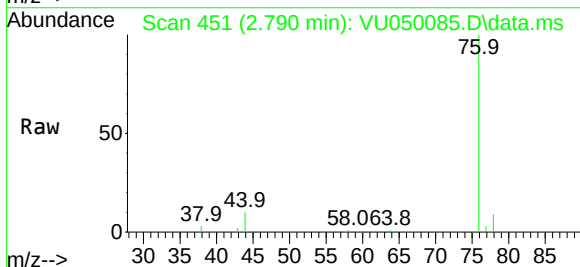
Acq: 05 Aug 2022 01:03

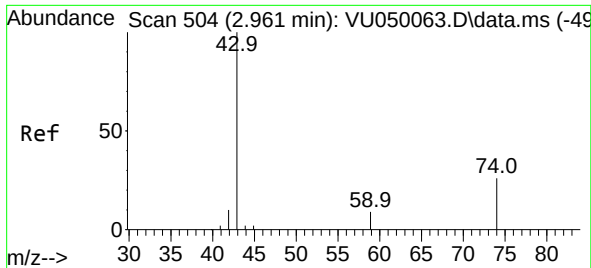
Tgt Ion: 76 Resp: 118895

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

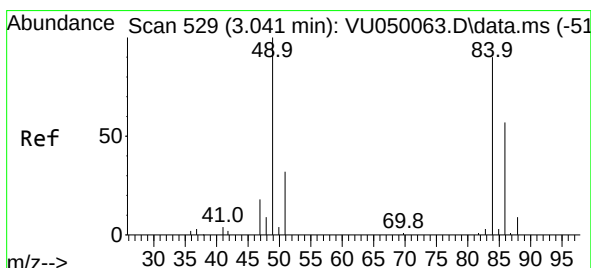
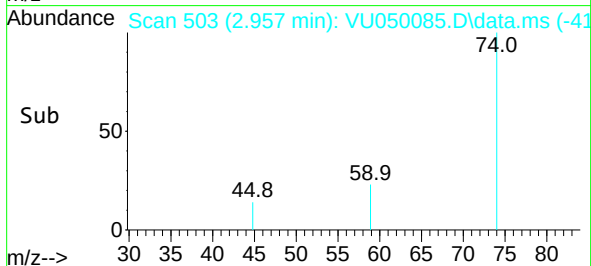
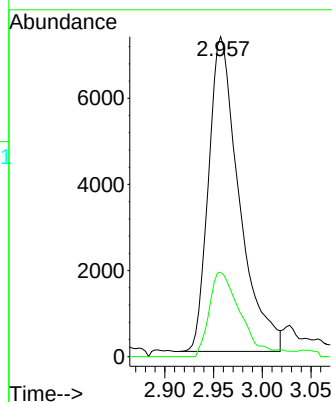
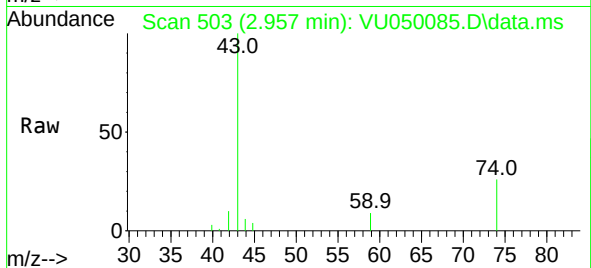




#15
Methyl Acetate
Concen: 5.520 ug/L
RT: 2.957 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

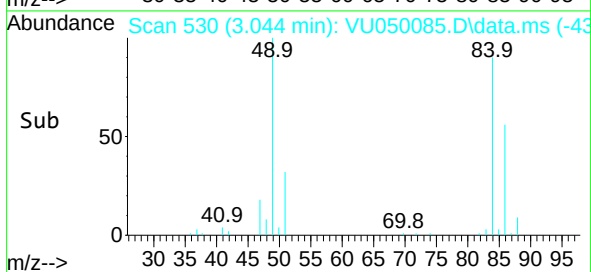
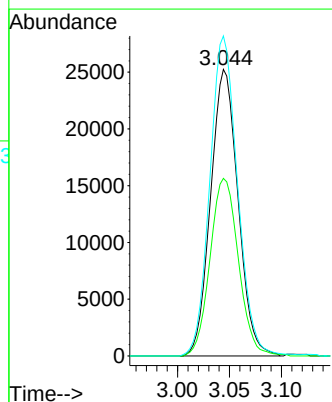
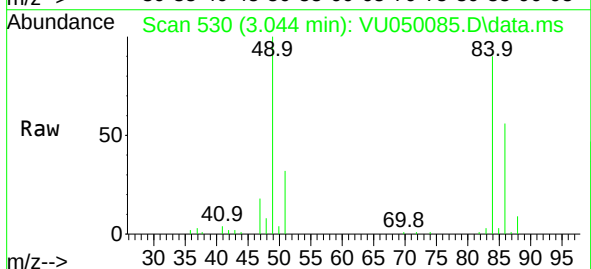
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

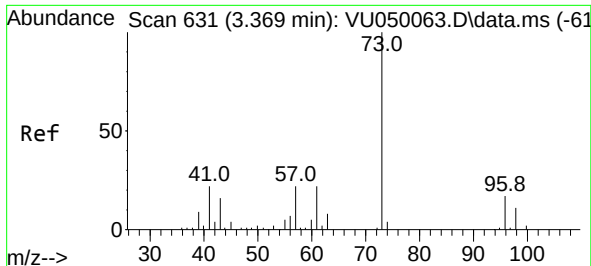
Tgt Ion: 43 Resp: 16017
Ion Ratio Lower Upper
43 100
74 27.0 22.7 34.1



#16
Methylene chloride
Concen: 4.673 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion: 84 Resp: 46412
Ion Ratio Lower Upper
84 100
86 62.0 45.9 85.3
49 111.7 77.6 144.0

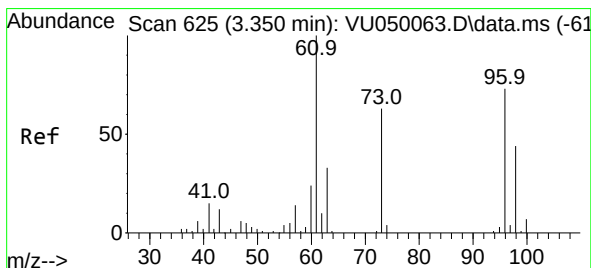
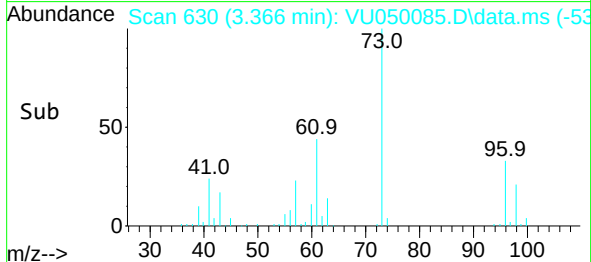
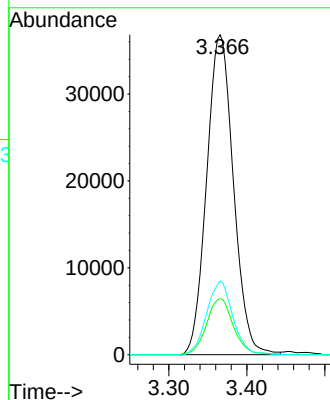
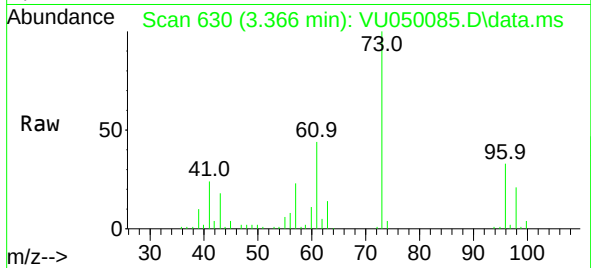




#17
Methyl tert-butyl Ether
Concen: 5.188 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

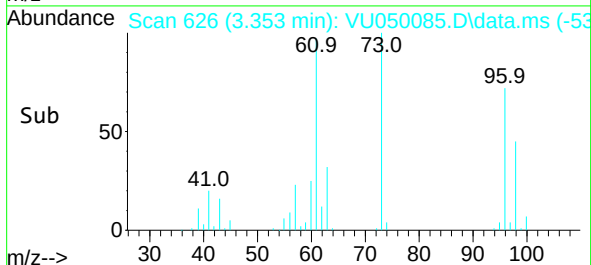
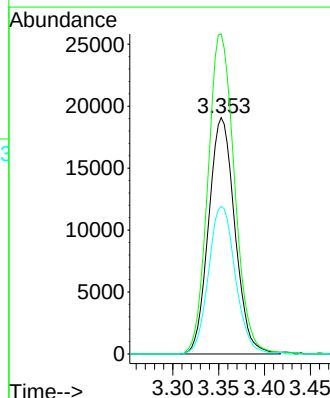
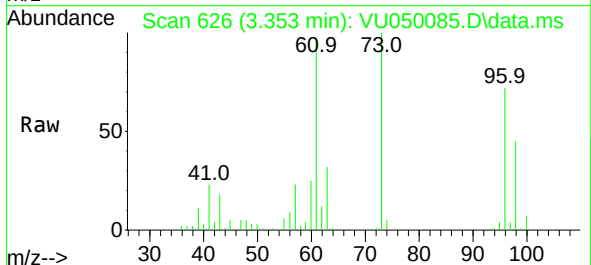
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

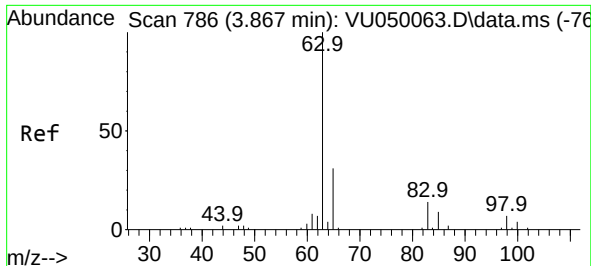
Tgt Ion: 73	Resp: 88007
Ion Ratio	Lower Upper
73	100
43	17.6 13.5 20.3
57	22.3 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.217 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion: 96	Resp: 37968
Ion Ratio	Lower Upper
96	100
61	135.4 92.3 171.5
98	62.4 43.2 80.2

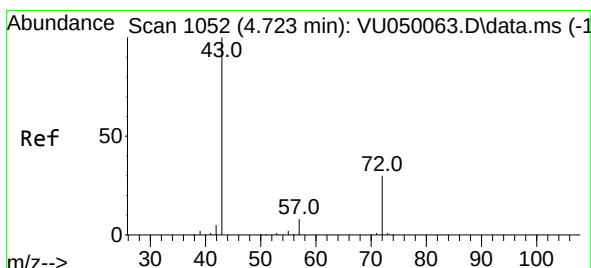
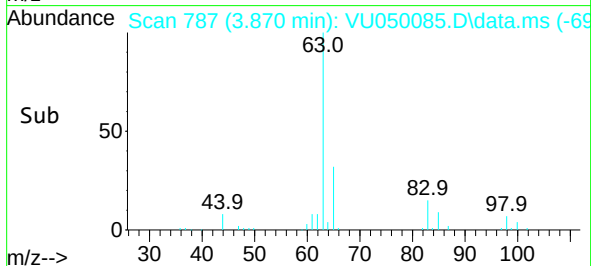
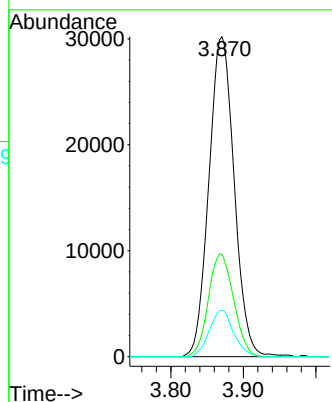
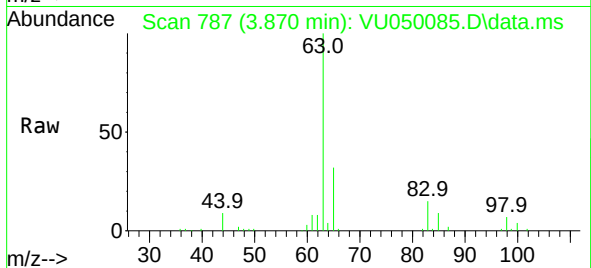




#19
1,1-Dichloroethane
Concen: 5.312 ug/L
RT: 3.870 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

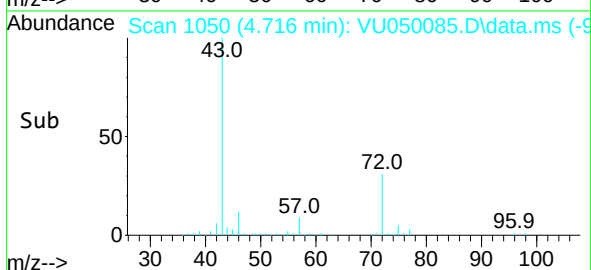
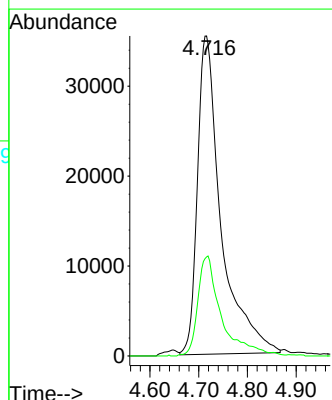
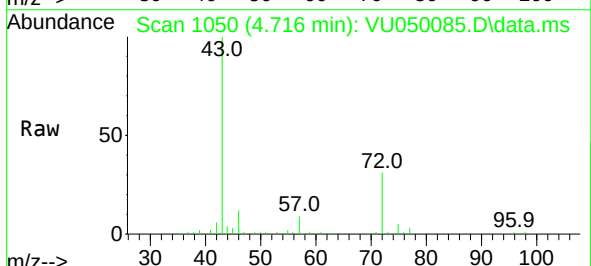
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

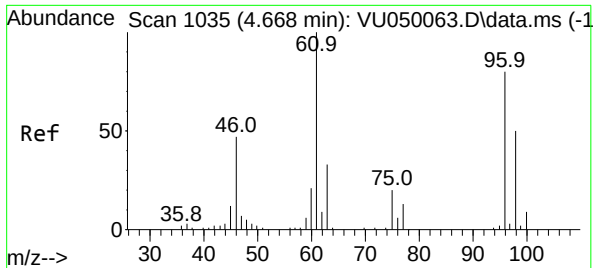
Tgt Ion: 63 Resp: 73207
Ion Ratio Lower Upper
63 100
65 32.0 22.7 42.3
83 14.5 9.8 18.2



#21
2-Butanone
Concen: 62.433 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. -0.007 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion: 43 Resp: 119317
Ion Ratio Lower Upper
43 100
72 30.9 14.0 42.0

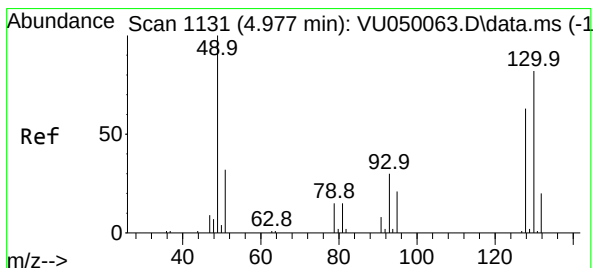
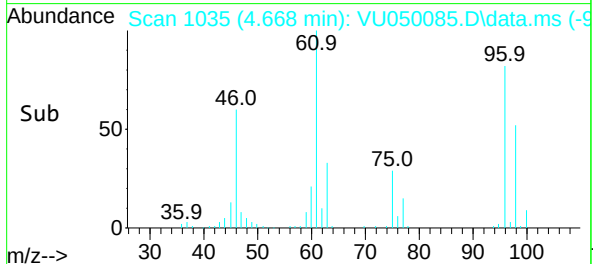
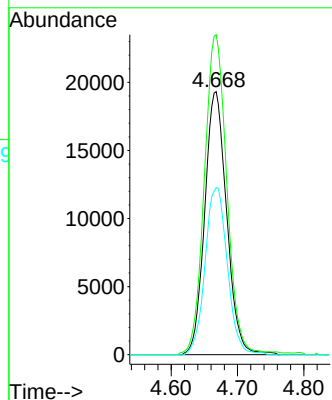
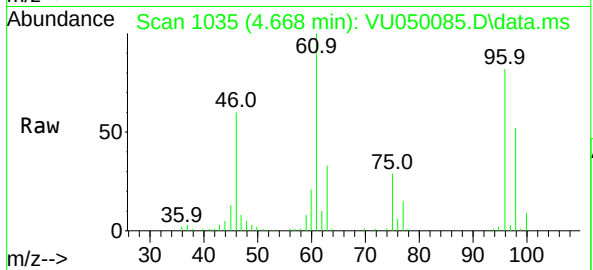




#22
 cis-1,2-Dichloroethene
 Concen: 5.510 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050085.D
 Acq: 05 Aug 2022 01:03

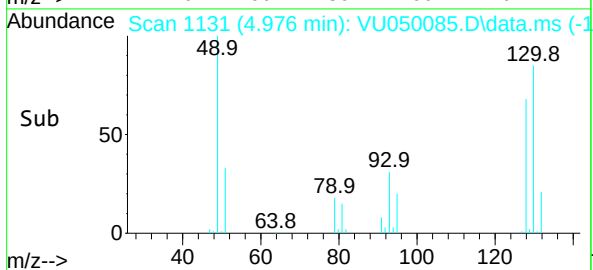
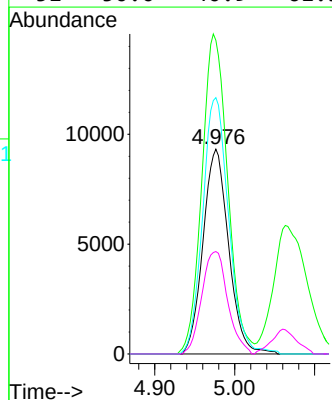
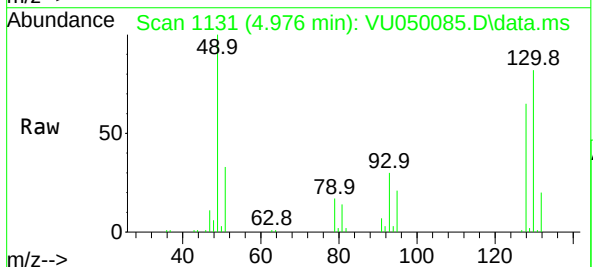
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005147

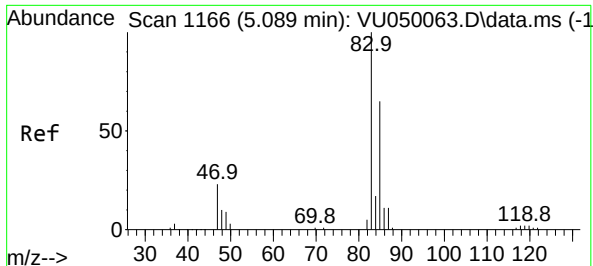
Tgt Ion: 96 Resp: 44506
 Ion Ratio Lower Upper
 96 100
 61 121.7 89.0 165.4
 98 63.6 45.2 84.0



#23
 Bromochloromethane
 Concen: 5.379 ug/L
 RT: 4.976 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VU050085.D
 Acq: 05 Aug 2022 01:03

Tgt Ion: 128 Resp: 20767
 Ion Ratio Lower Upper
 128 100
 49 153.2 111.4 206.8
 130 125.1 90.2 167.4
 51 50.0 40.9 61.3





#25

Chloroform

Concen: 5.218 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU050085.D

Acq: 05 Aug 2022 01:03

Instrument :

MSVOA_U

ClientSampleId :

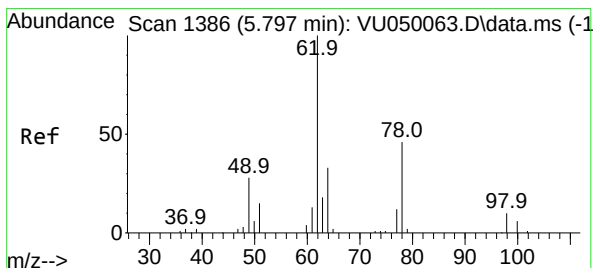
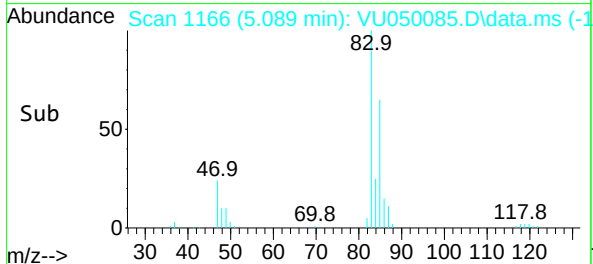
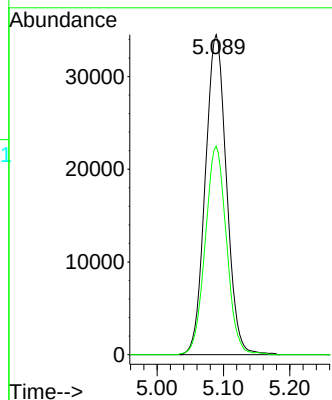
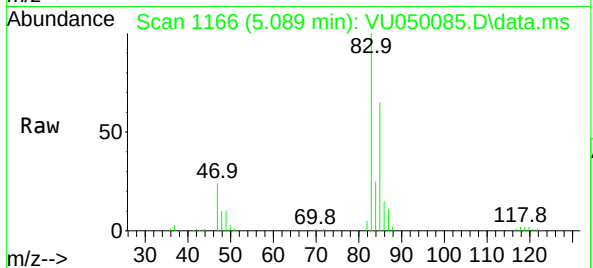
VSTD005147

Tgt Ion: 83 Resp: 76665

Ion Ratio Lower Upper

83 100

85 65.1 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.163 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU050085.D

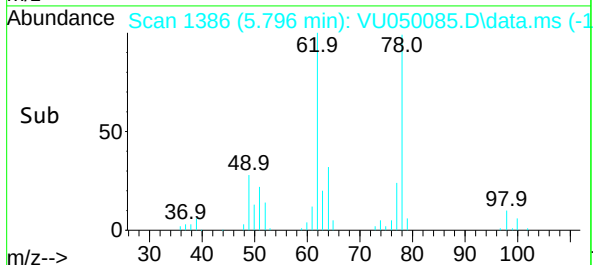
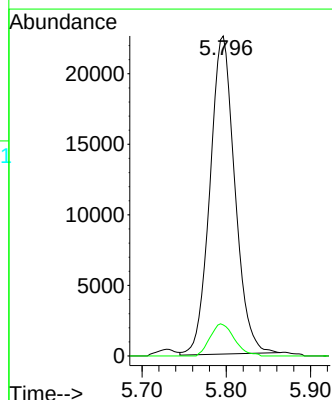
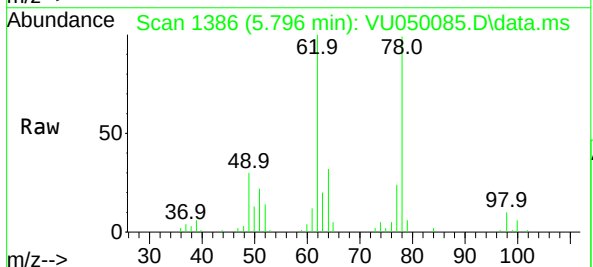
Acq: 05 Aug 2022 01:03

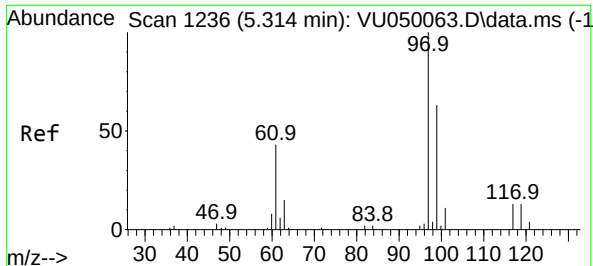
Tgt Ion: 62 Resp: 46170

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.247 ug/L

RT: 5.317 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050085.D

Acq: 05 Aug 2022 01:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005147

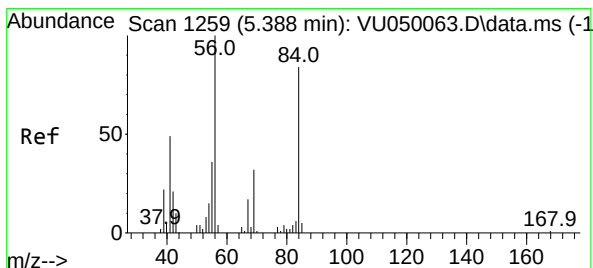
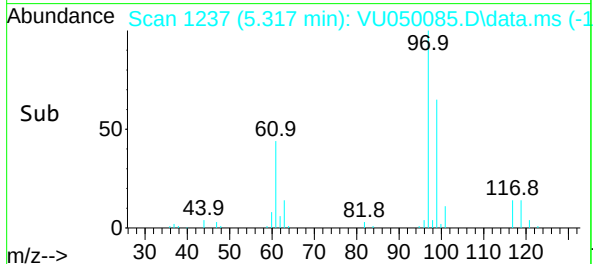
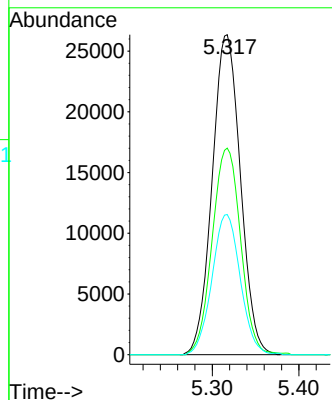
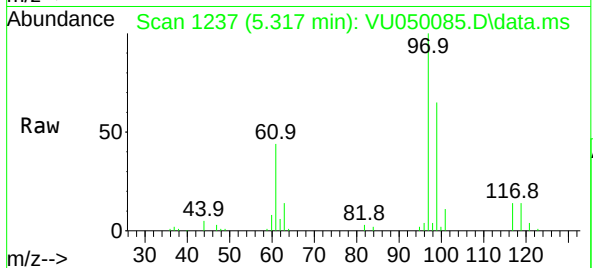
Tgt Ion: 97 Resp: 59806

Ion Ratio Lower Upper

97 100

99 65.0 51.5 77.3

61 43.8 34.2 51.4



#30

Cyclohexane

Concen: 5.232 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU050085.D

Acq: 05 Aug 2022 01:03

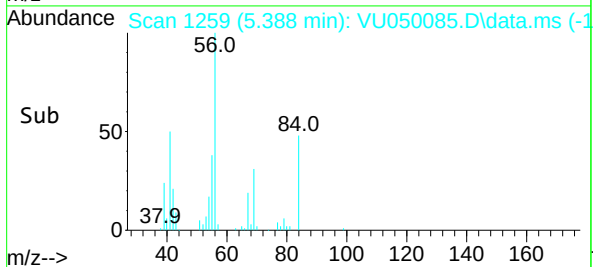
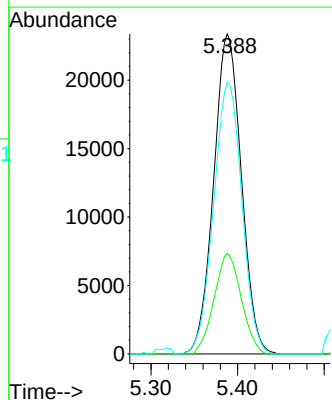
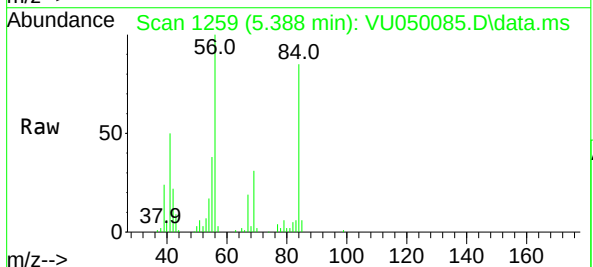
Tgt Ion: 56 Resp: 51958

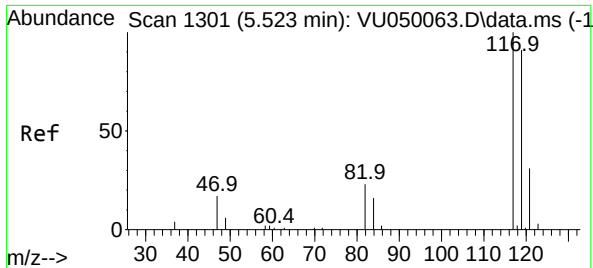
Ion Ratio Lower Upper

56 100

69 30.8 24.6 37.0

84 87.0 69.1 103.7

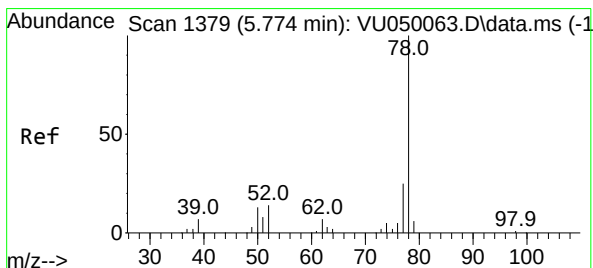
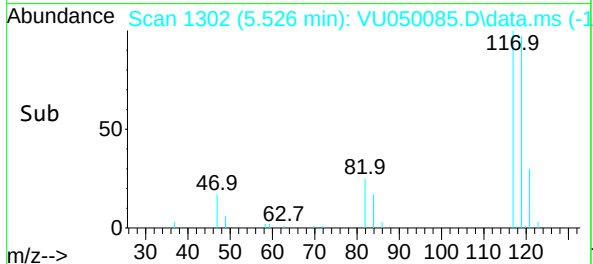
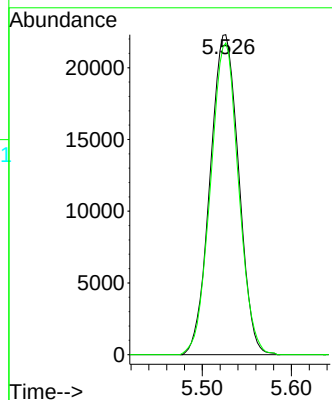
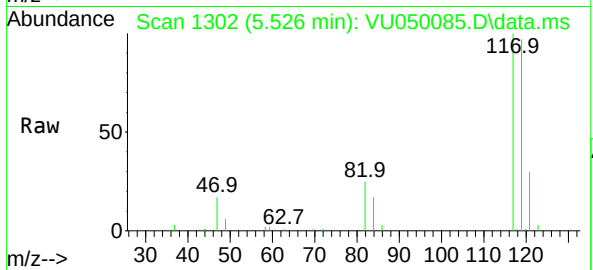




#31
Carbon tetrachloride
Concen: 5.324 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

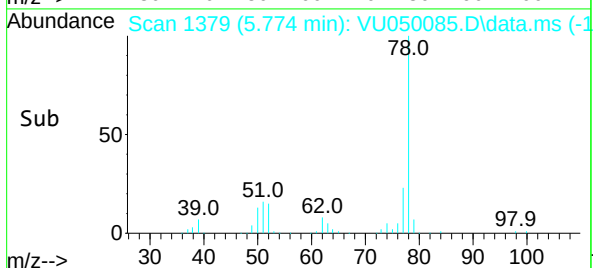
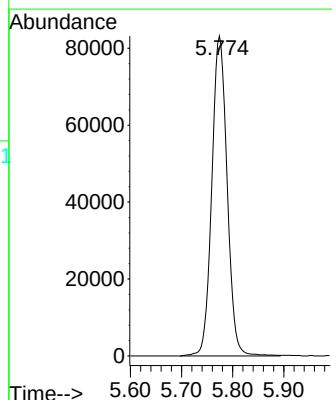
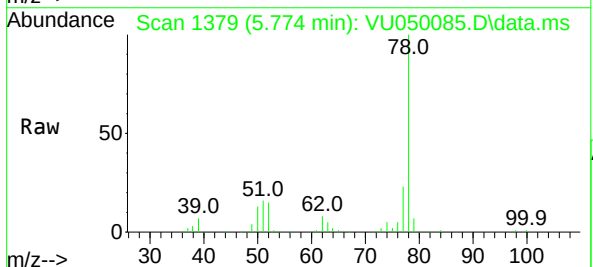
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

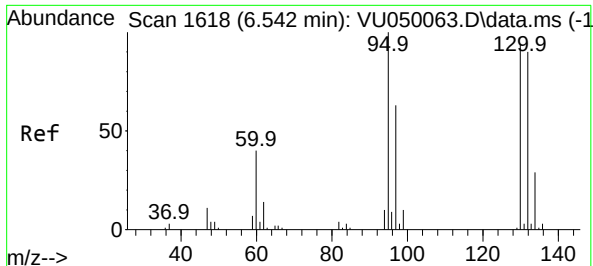
Tgt Ion:117 Resp: 49737
Ion Ratio Lower Upper
117 100
119 95.6 76.0 114.0



#33
Benzene
Concen: 5.319 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion: 78 Resp: 173134

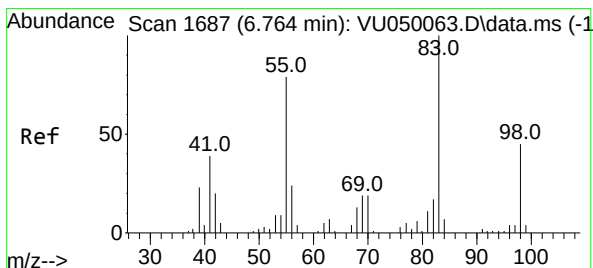
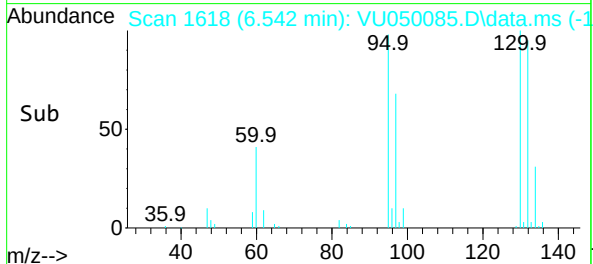
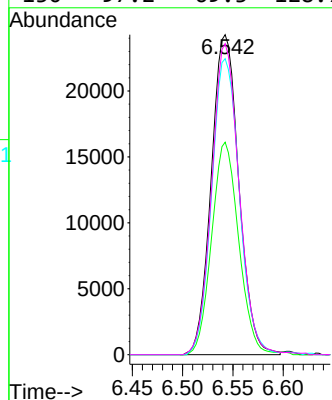
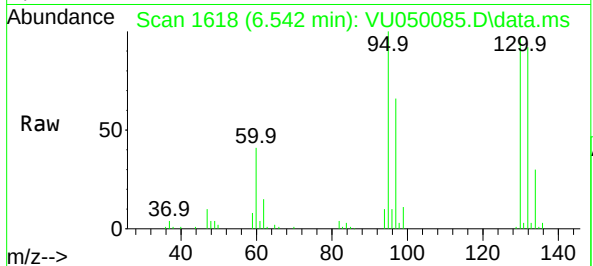




#34
Trichloroethene
Concen: 5.889 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

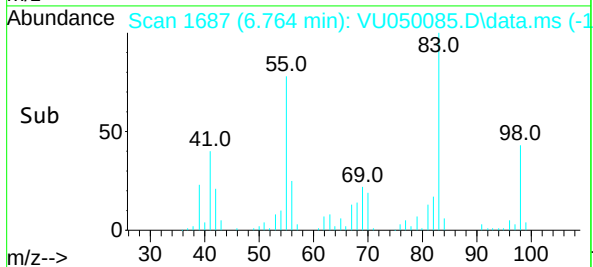
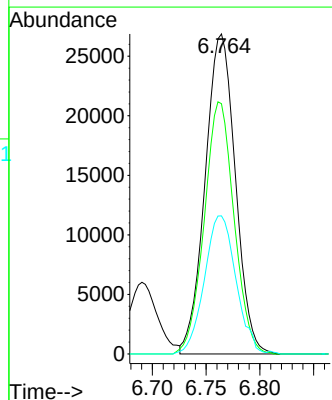
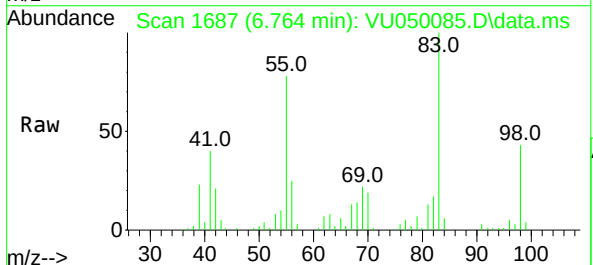
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

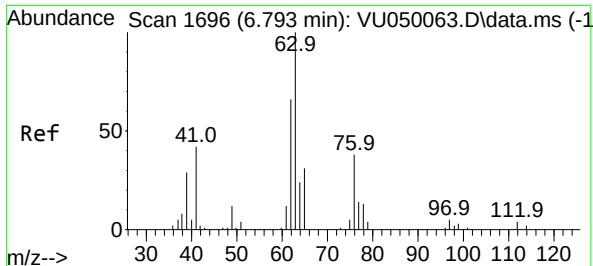
Tgt Ion: 95 Resp: 46360
Ion Ratio Lower Upper
95 100
97 66.4 45.6 84.8
132 92.5 65.0 120.6
130 97.2 69.3 128.7



#35
Methylcyclohexane
Concen: 5.173 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion: 83 Resp: 52577
Ion Ratio Lower Upper
83 100
55 77.6 62.7 94.1
98 44.9 36.2 54.2





#37

1,2-Dichloropropane

Concen: 5.201 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050085.D

Acq: 05 Aug 2022 01:03

Instrument :

MSVOA_U

ClientSampleId :

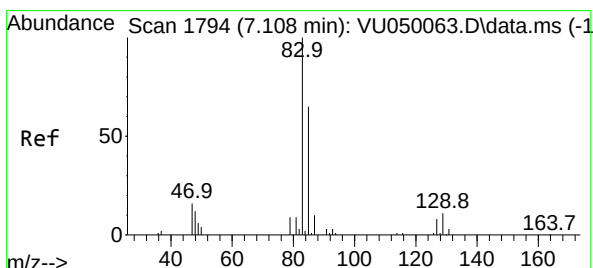
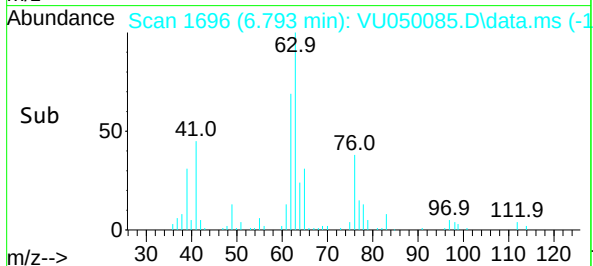
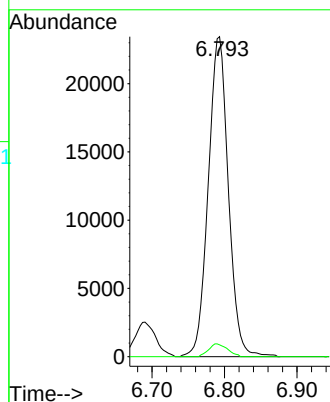
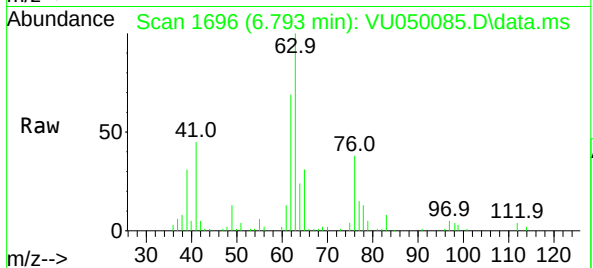
VSTD005147

Tgt Ion: 63 Resp: 45094

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.4



#38

Bromodichloromethane

Concen: 5.168 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU050085.D

Acq: 05 Aug 2022 01:03

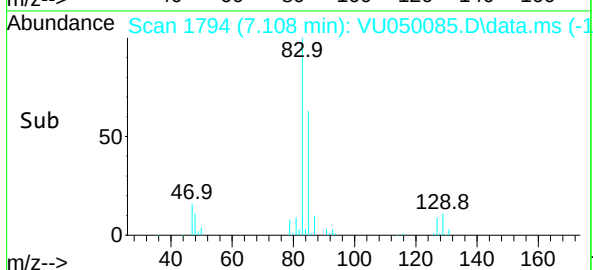
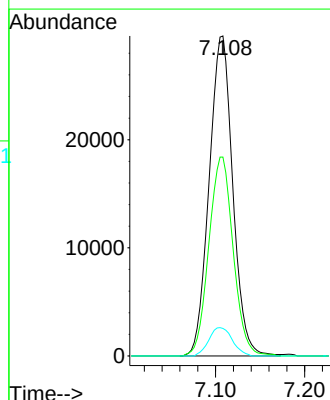
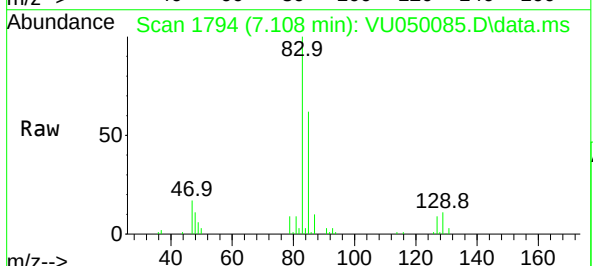
Tgt Ion: 83 Resp: 54434

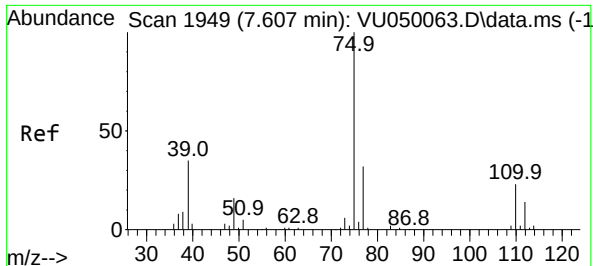
Ion Ratio Lower Upper

83 100

85 62.2 45.1 83.7

127 8.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.785 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050085.D

Acq: 05 Aug 2022 01:03

Instrument :

MSVOA_U

ClientSampleId :

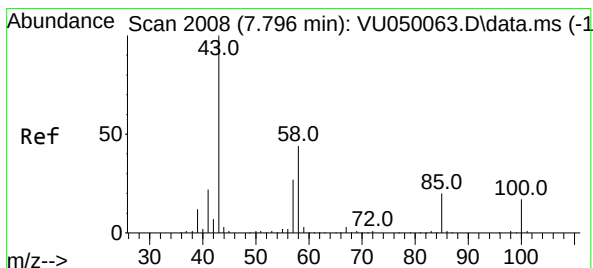
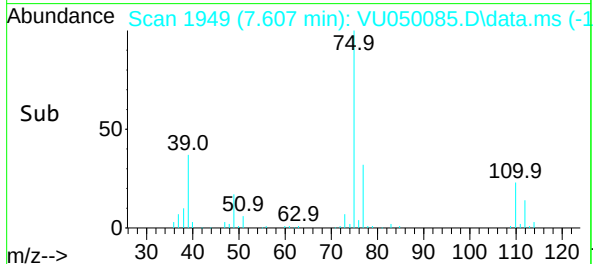
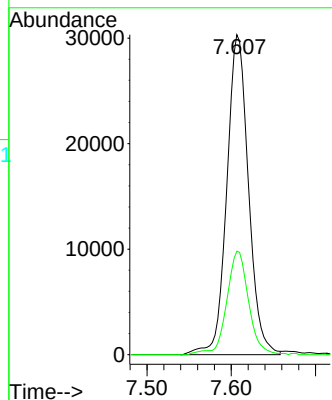
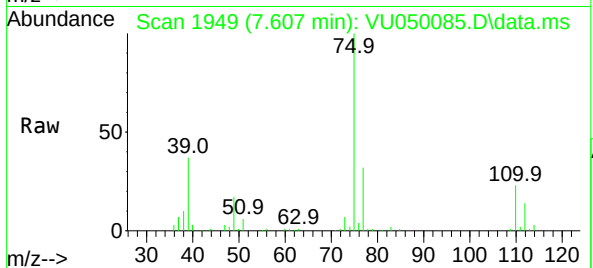
VSTD005147

Tgt Ion: 75 Resp: 54142

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 54.028 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU050085.D

Acq: 05 Aug 2022 01:03

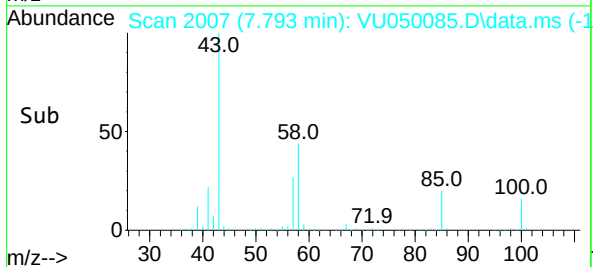
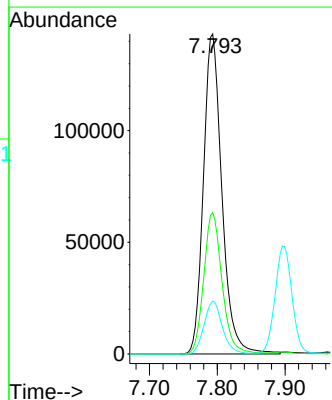
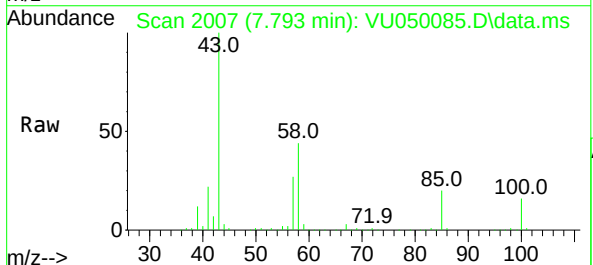
Tgt Ion: 43 Resp: 271338

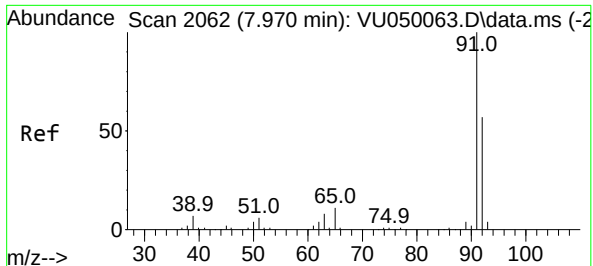
Ion Ratio Lower Upper

43 100

58 43.8 34.6 51.8

100 16.4 13.0 19.4





#42

Toluene

Concen: 5.454 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU050085.D

Acq: 05 Aug 2022 01:03

Instrument :

MSVOA_U

ClientSampleId :

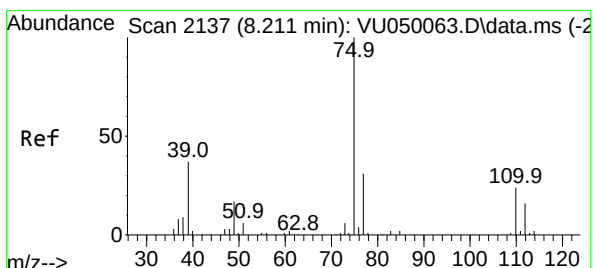
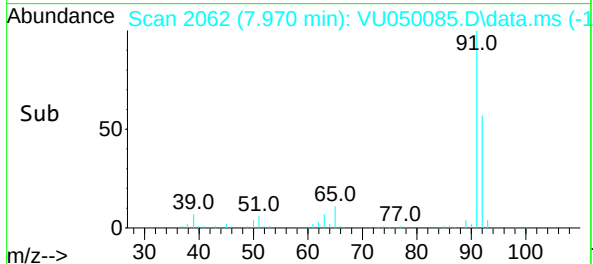
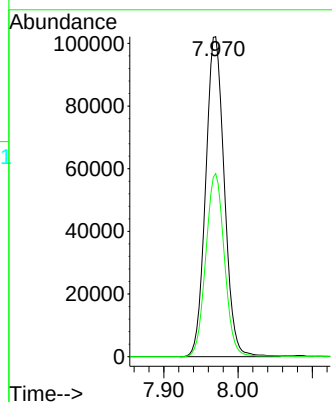
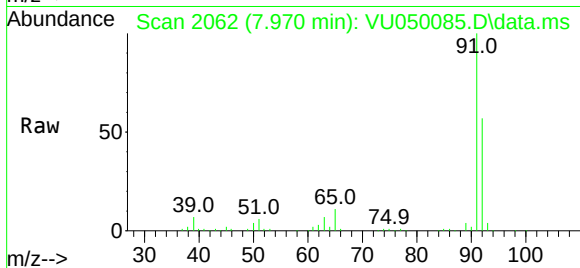
VSTD005147

Tgt Ion: 91 Resp: 178064

Ion Ratio Lower Upper

91 100

92 57.2 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 4.914 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU050085.D

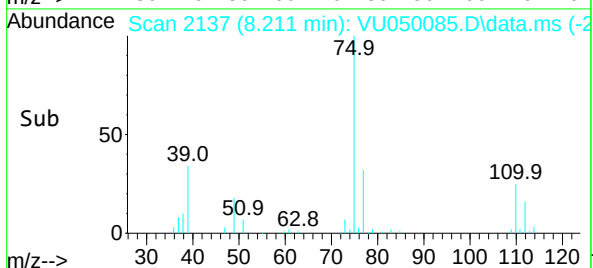
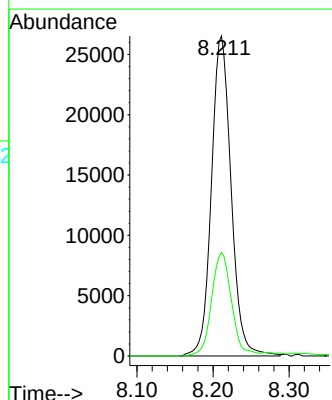
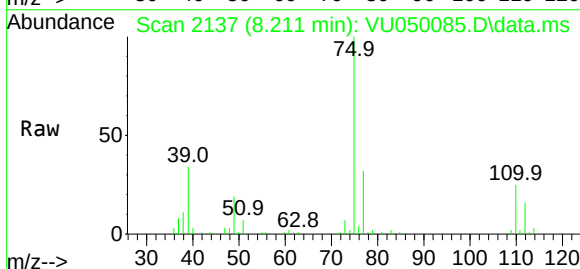
Acq: 05 Aug 2022 01:03

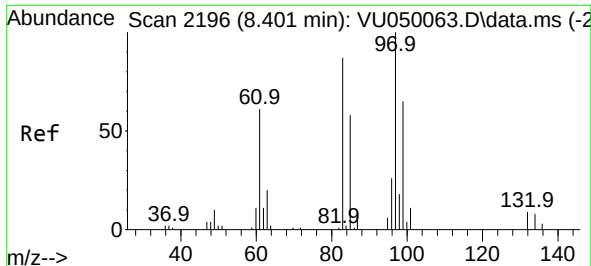
Tgt Ion: 75 Resp: 47692

Ion Ratio Lower Upper

75 100

77 32.4 22.0 40.8



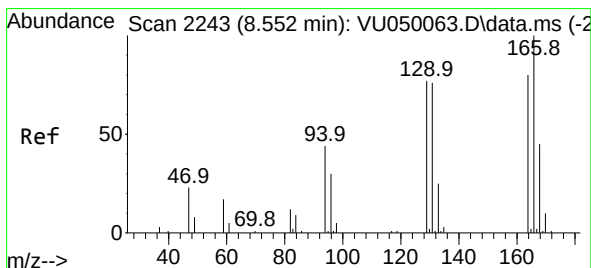
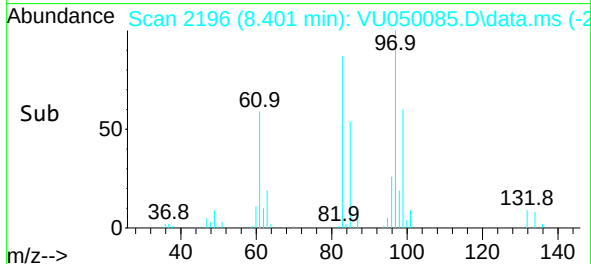
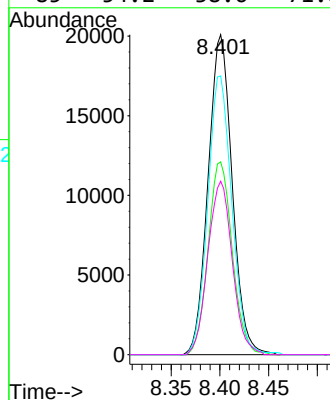
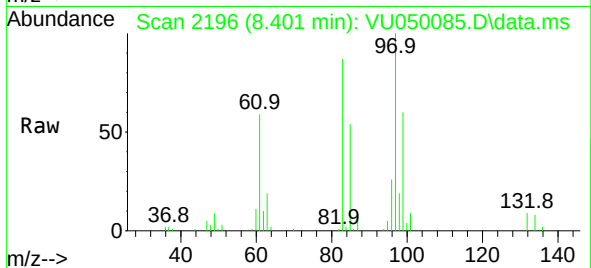


#45
1,1,2-Trichloroethane
Concen: 5.329 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

Tgt Ion: 97 Resp: 34538

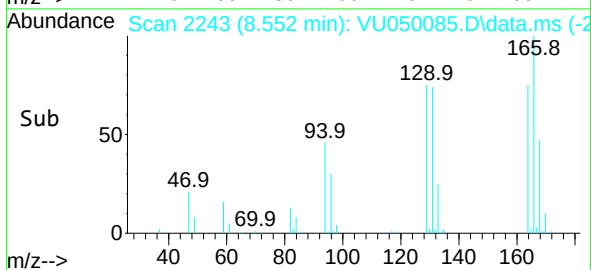
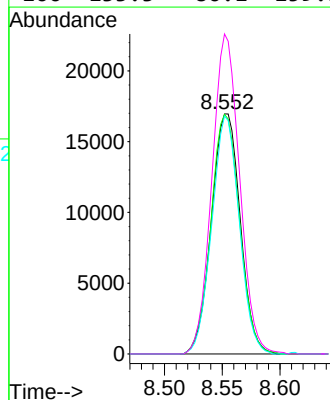
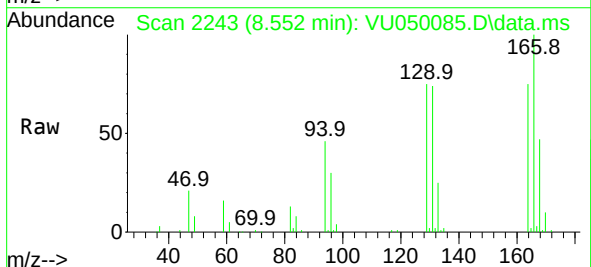
Ion	Ratio	Lower	Upper
97	100		
99	60.3	42.2	78.4
83	87.1	59.6	110.6
85	54.2	38.6	71.8

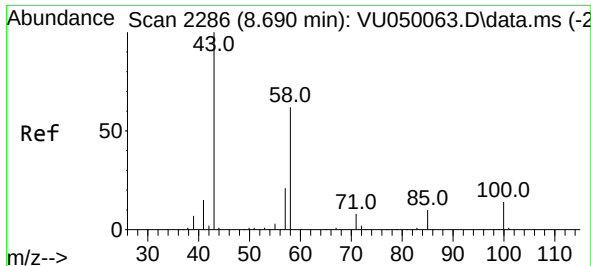


#47
Tetrachloroethene
Concen: 5.226 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion: 164 Resp: 29482

Ion	Ratio	Lower	Upper
164	100		
129	99.8	69.0	128.1
131	99.1	65.8	122.2
166	133.3	86.1	159.9



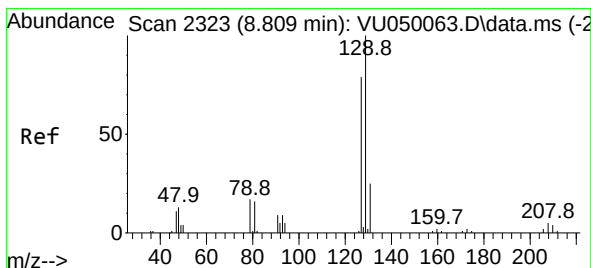
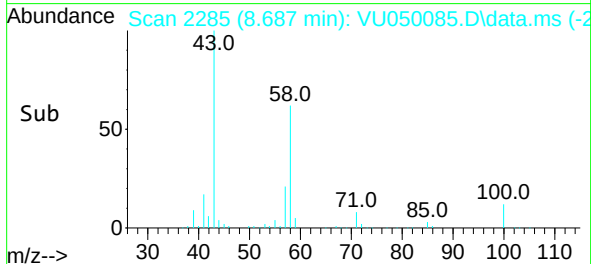
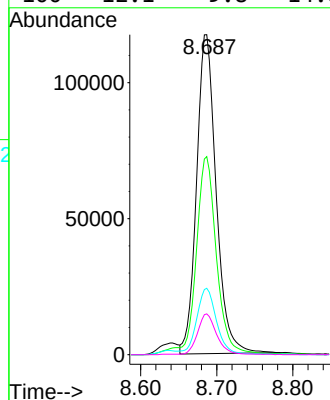
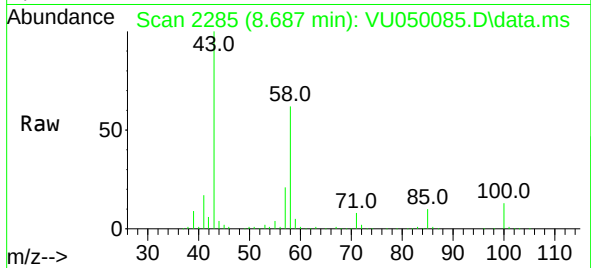


#48
2-Hexanone
Concen: 54.137 ug/L
RT: 8.687 min Scan# 210288
Delta R.T. -0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

Tgt Ion: 43 Resp: 210288

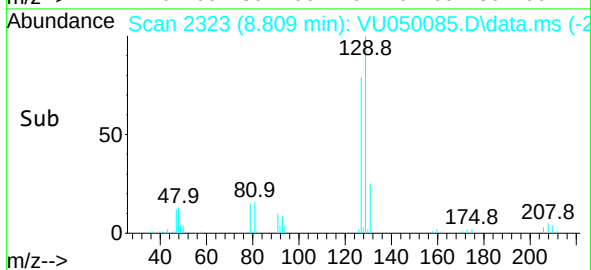
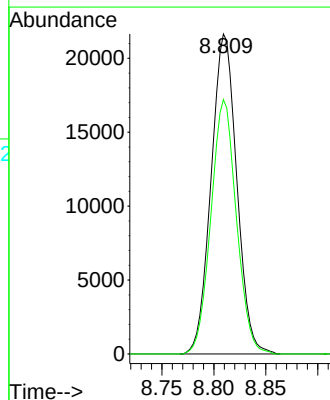
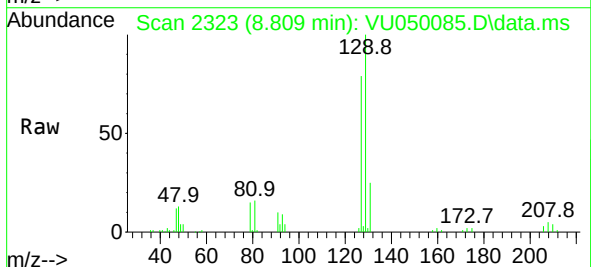
Ion	Ratio	Lower	Upper
43	100		
58	64.9	50.6	76.0
57	21.0	16.0	24.0
100	12.1	9.8	14.8

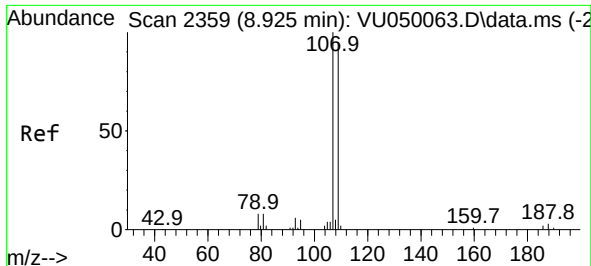


#49
Dibromochloromethane
Concen: 5.180 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion: 129 Resp: 37159

Ion	Ratio	Lower	Upper
129	100		
127	79.5	55.3	102.7

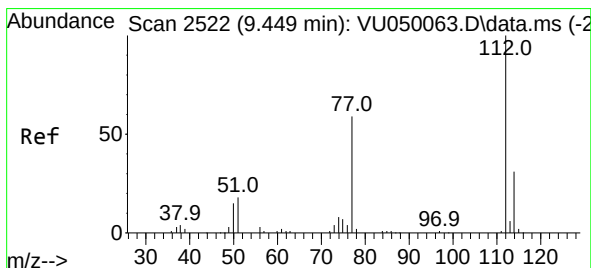
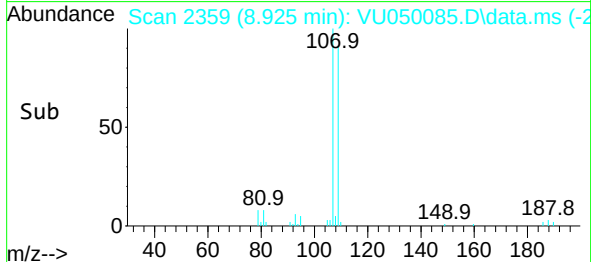
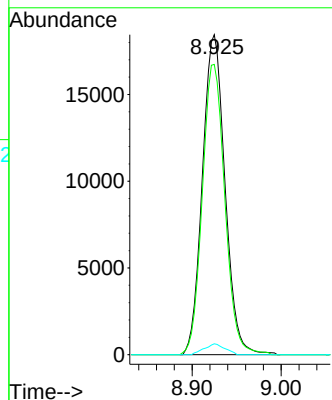
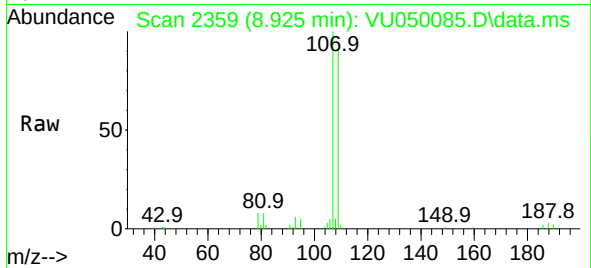




#50
1,2-Dibromoethane
Concen: 5.530 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

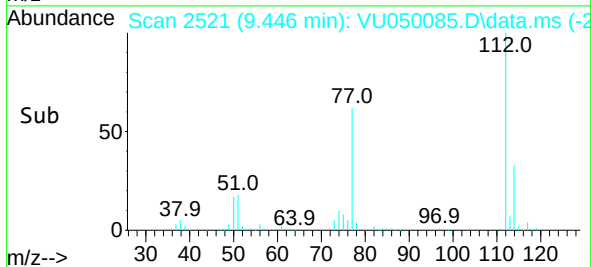
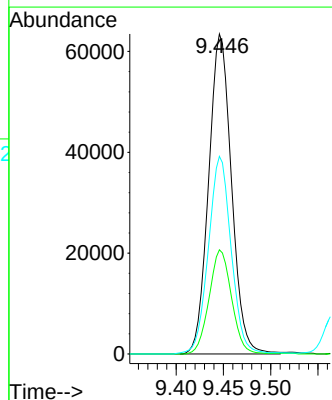
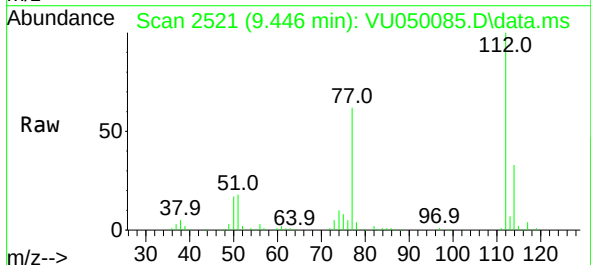
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

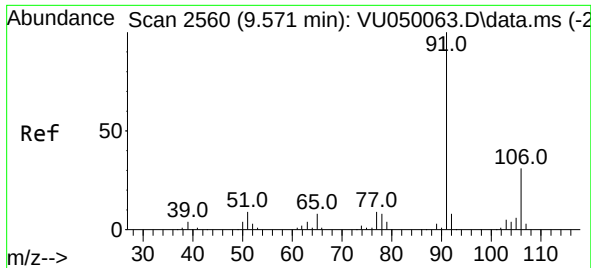
Tgt Ion:107 Resp: 32502
Ion Ratio Lower Upper
107 100
109 90.7 66.6 123.6
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 5.193 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion:112 Resp: 106670
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 61.8 46.3 69.5

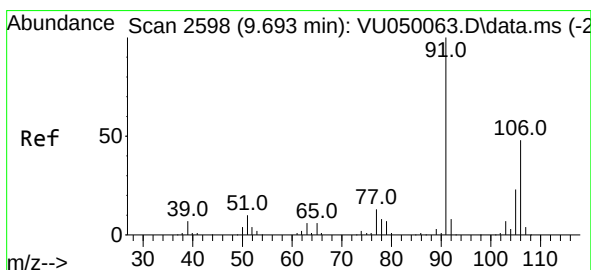
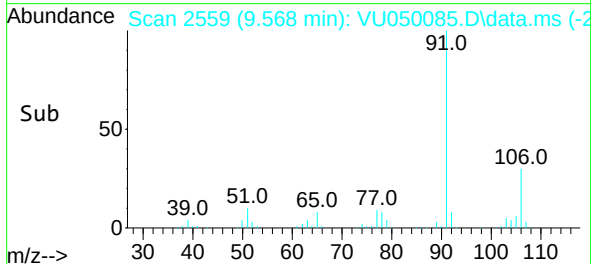
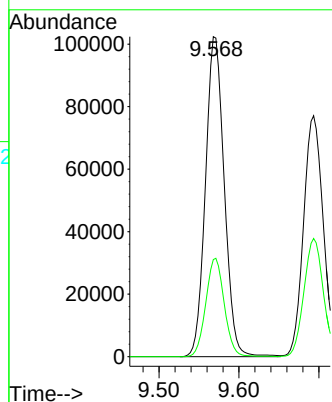
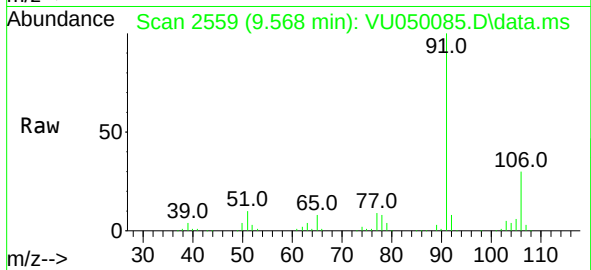




#52
Ethylbenzene
Concen: 5.258 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

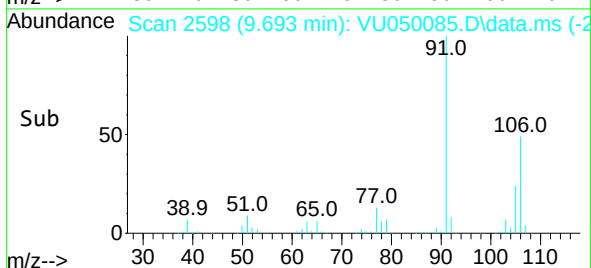
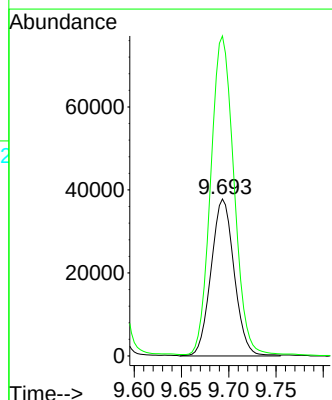
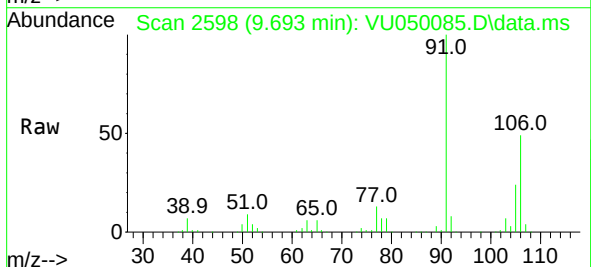
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

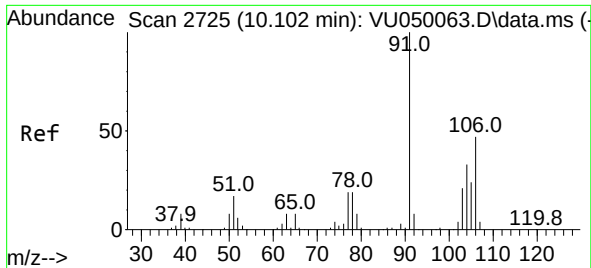
Tgt Ion: 91 Resp: 167514
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 5.476 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion: 106 Resp: 64243
Ion Ratio Lower Upper
106 100
91 203.9 143.1 265.9

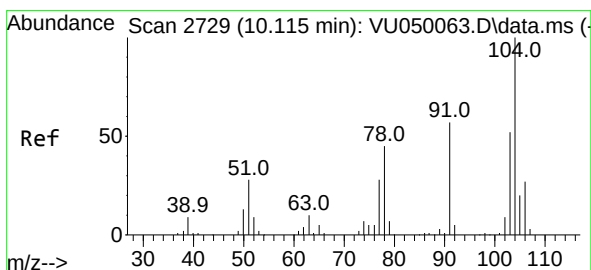
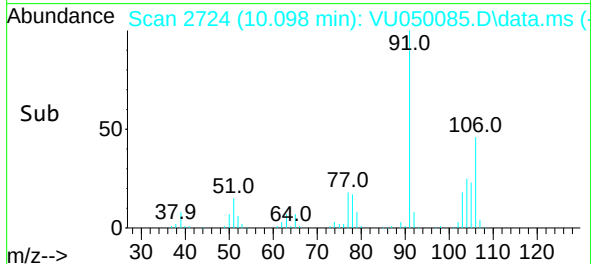
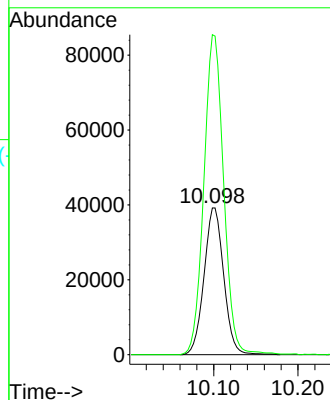
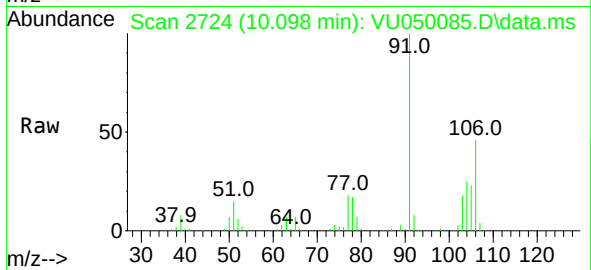




#54
o-Xylene
Concen: 5.441 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

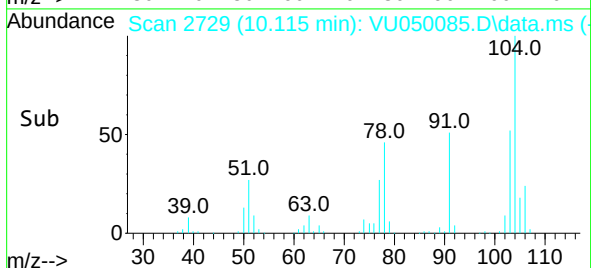
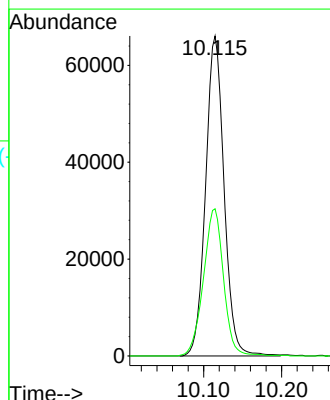
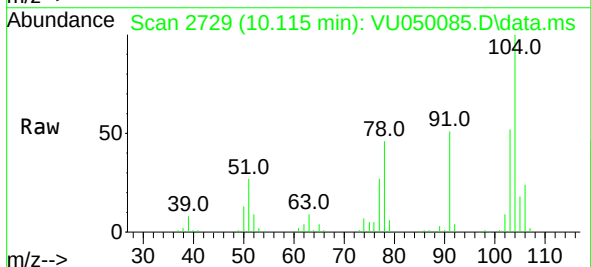
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

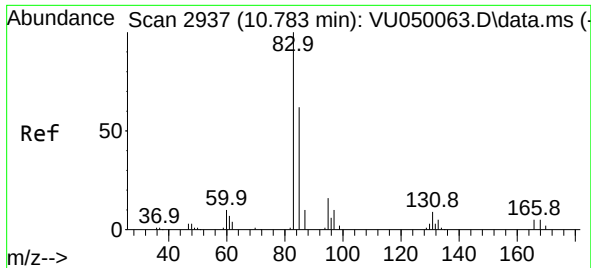
Tgt Ion:106 Resp: 63720
Ion Ratio Lower Upper
106 100
91 218.0 149.4 277.4



#55
Styrene
Concen: 5.562 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion:104 Resp: 108822
Ion Ratio Lower Upper
104 100
78 46.0 31.9 59.3

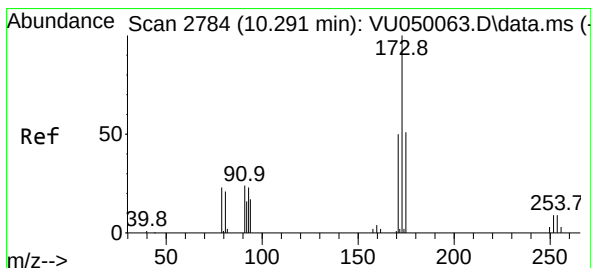
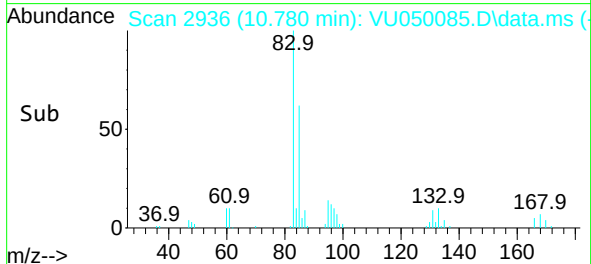
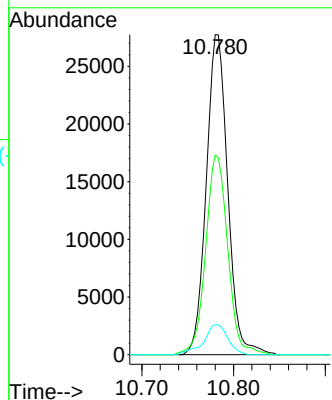
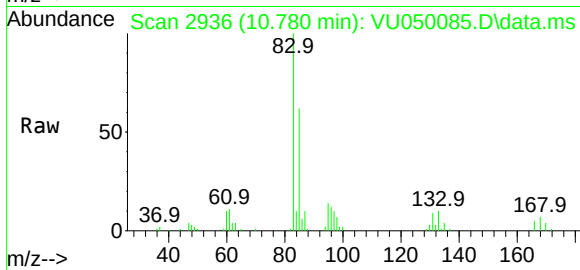




#57
1,1,2,2-Tetrachloroethane
Concen: 5.296 ug/L
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

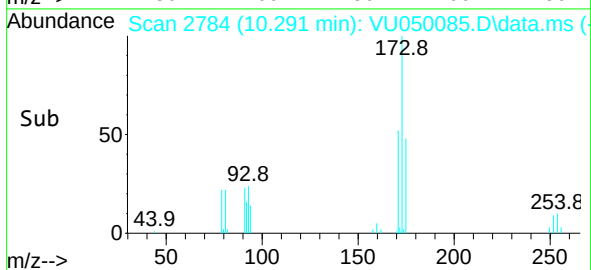
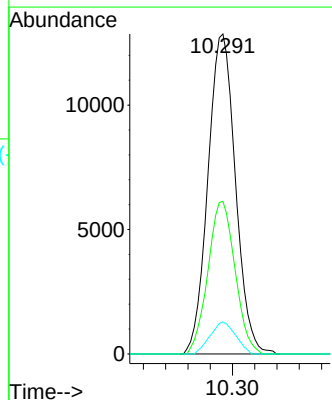
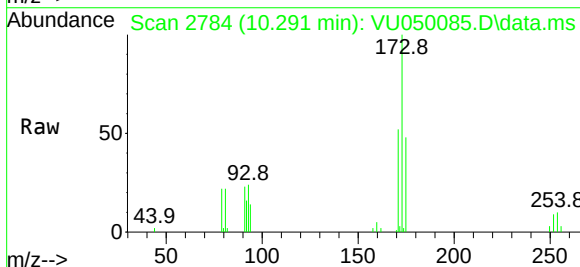
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

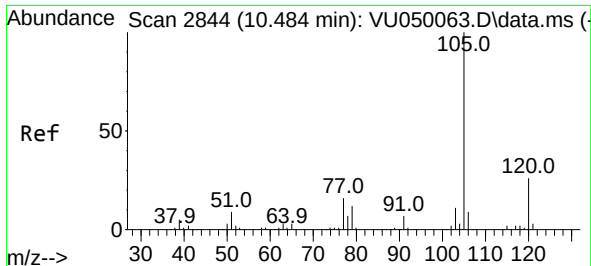
Tgt Ion: 83 Resp: 45103
Ion Ratio Lower Upper
83 100
85 62.3 45.2 84.0
131 9.4 6.6 9.8



#59
Bromoform
Concen: 4.983 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion:173 Resp: 22010
Ion Ratio Lower Upper
173 100
175 47.0 37.0 55.6
254 9.3 7.4 11.0

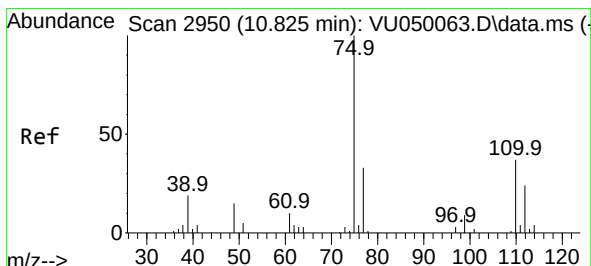
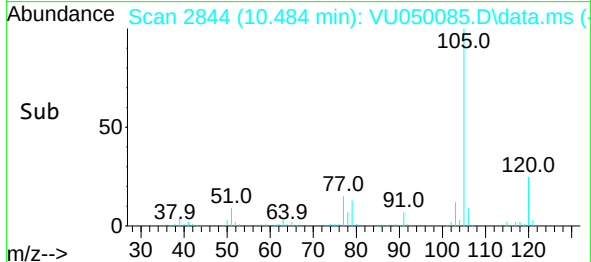
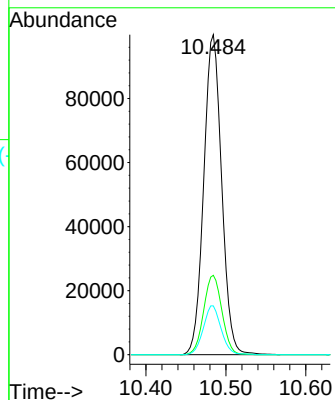
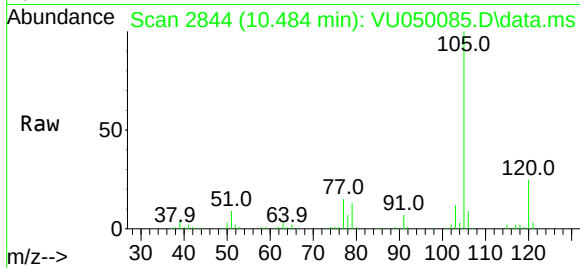




#60
Isopropylbenzene
Concen: 5.297 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

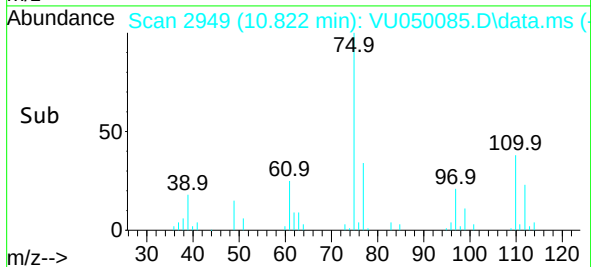
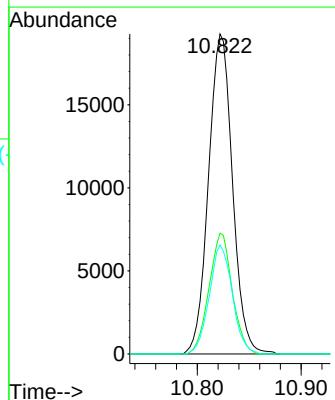
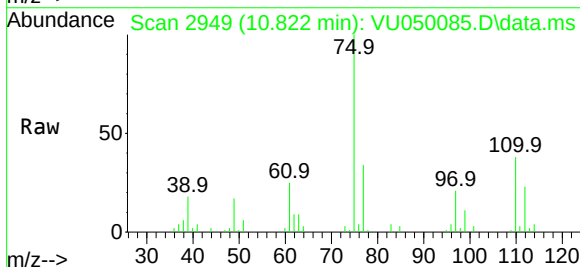
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

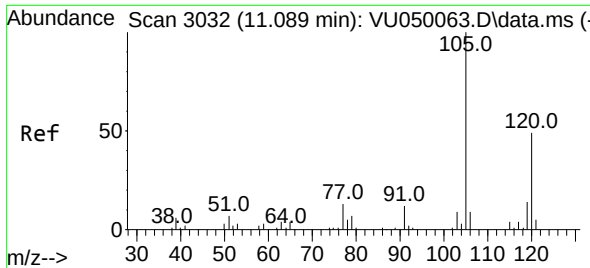
Tgt Ion:105 Resp: 155820
Ion Ratio Lower Upper
105 100
120 25.3 20.8 31.2
77 15.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.140 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion: 75 Resp: 30840
Ion Ratio Lower Upper
75 100
110 36.5 28.5 42.7
77 32.7 25.8 38.6

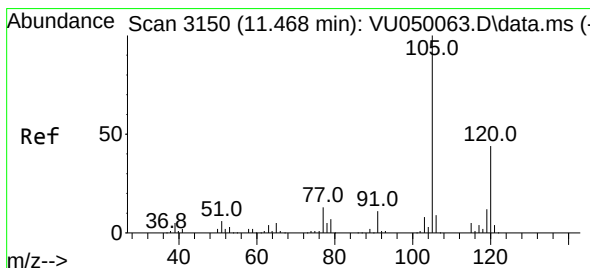
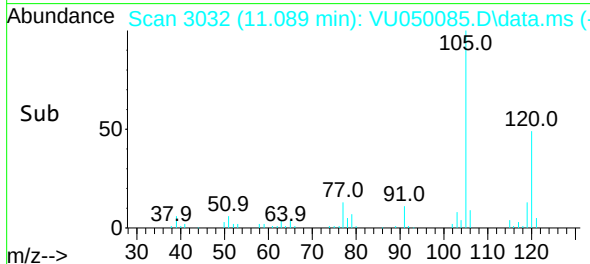
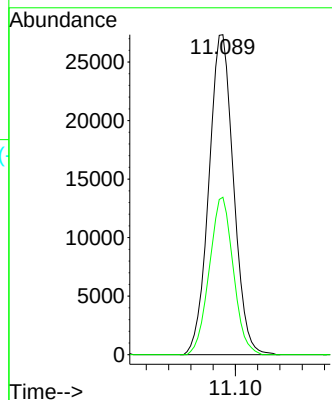
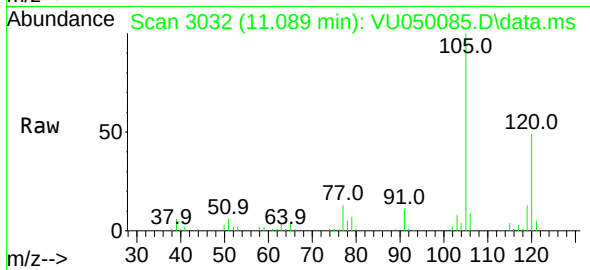




#62
1,3,5-Trimethylbenzene
Concen: 5.063 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

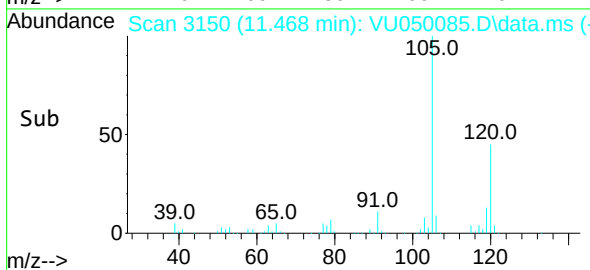
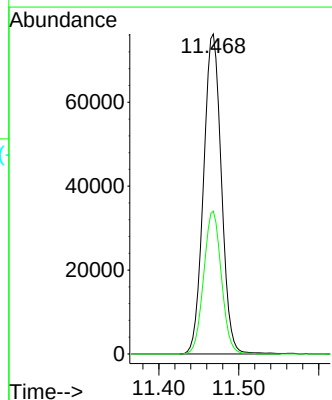
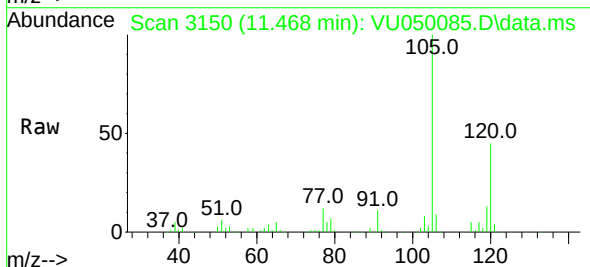
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

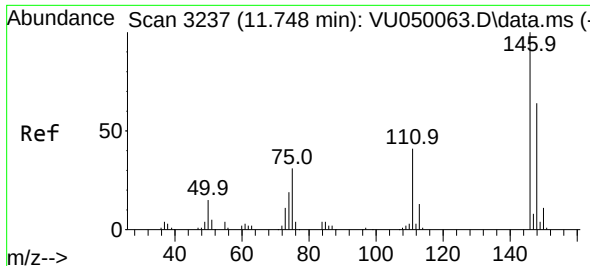
Tgt Ion:105 Resp: 42075
Ion Ratio Lower Upper
105 100
120 47.8 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 5.240 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion:105 Resp: 118645
Ion Ratio Lower Upper
105 100
120 44.2 35.9 53.9

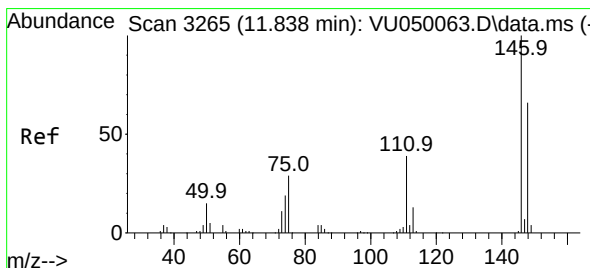
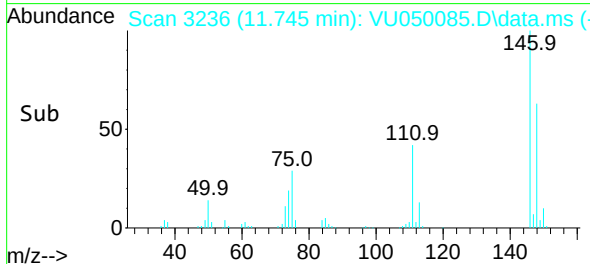
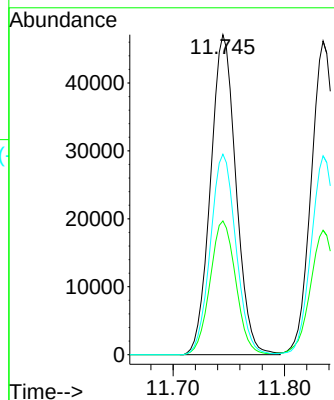
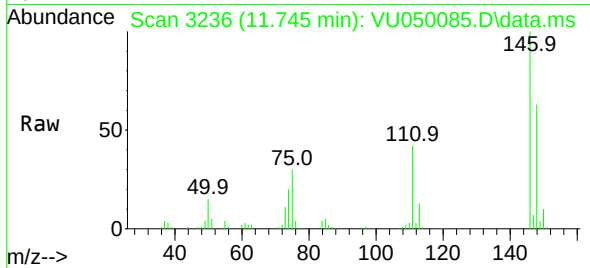




#64
1,3-Dichlorobenzene
Concen: 5.043 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

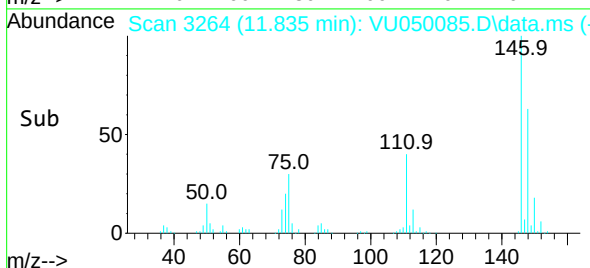
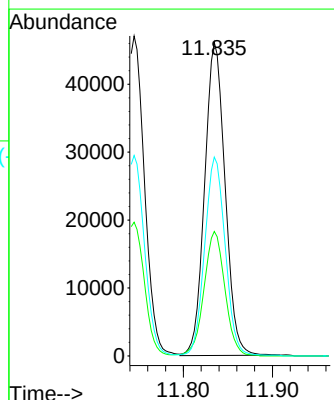
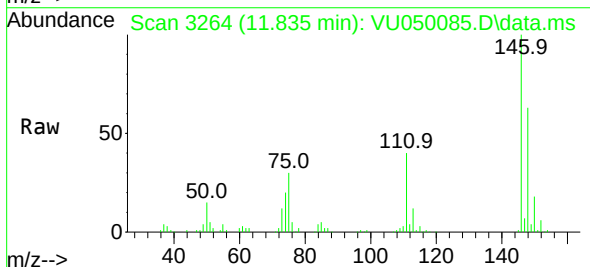
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

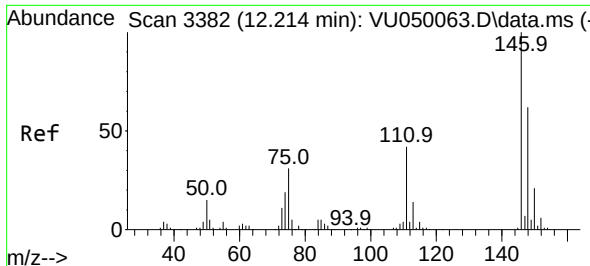
Tgt Ion:146 Resp: 74763
Ion Ratio Lower Upper
146 100
111 41.8 29.9 55.5
148 62.6 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 5.083 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion:146 Resp: 73334
Ion Ratio Lower Upper
146 100
111 39.7 28.1 52.1
148 63.4 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.135 ug/L

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU050085.D

Acq: 05 Aug 2022 01:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005147

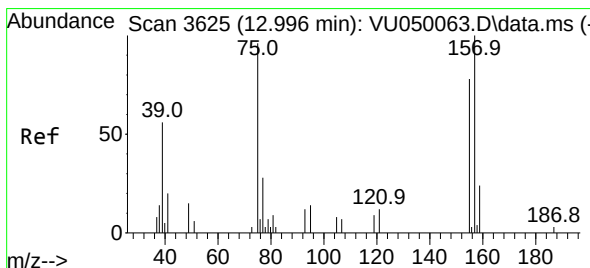
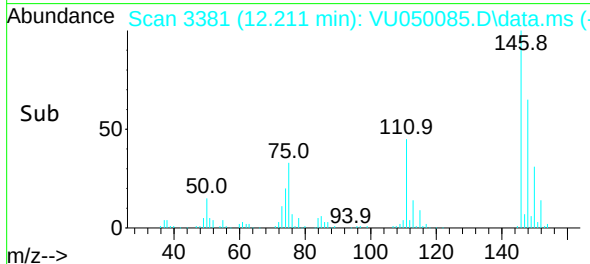
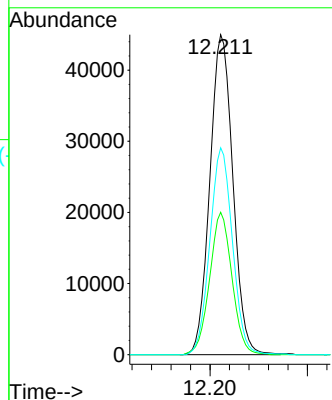
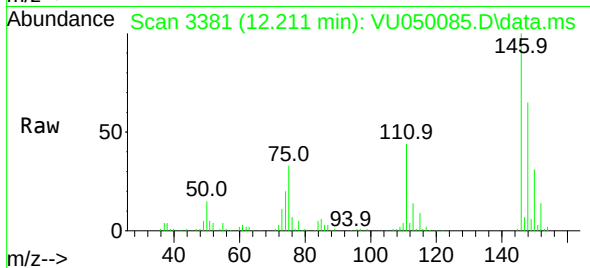
Tgt Ion:146 Resp: 73720

Ion Ratio Lower Upper

146 100

111 44.5 32.9 49.3

148 64.6 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.685 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU050085.D

Acq: 05 Aug 2022 01:03

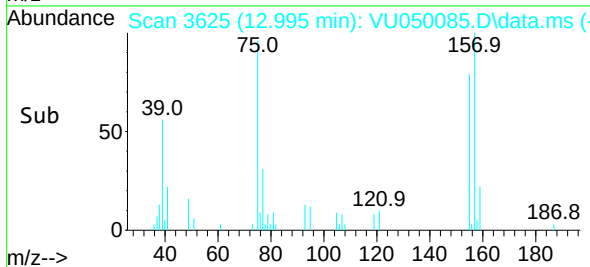
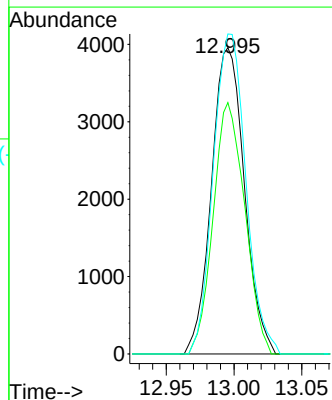
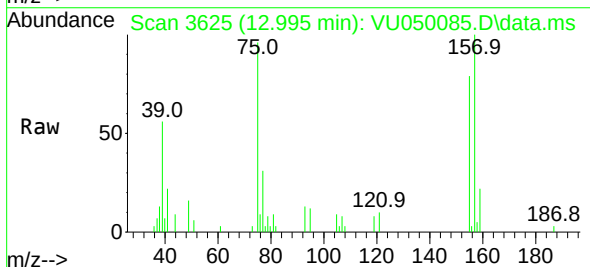
Tgt Ion: 75 Resp: 6688

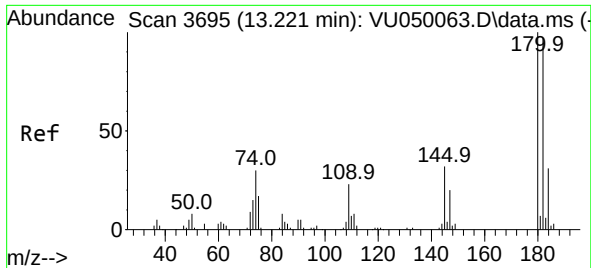
Ion Ratio Lower Upper

75 100

155 82.1 63.5 95.3

157 104.5 85.0 127.6

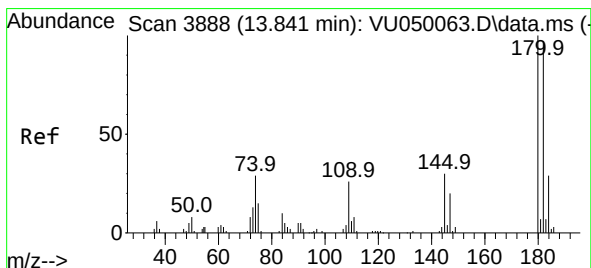
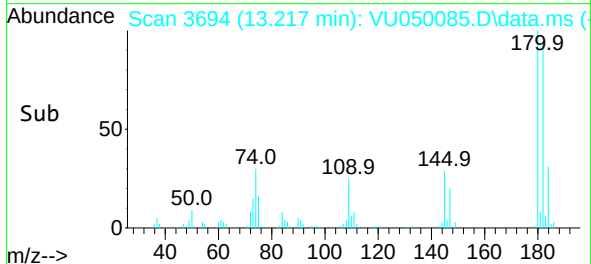
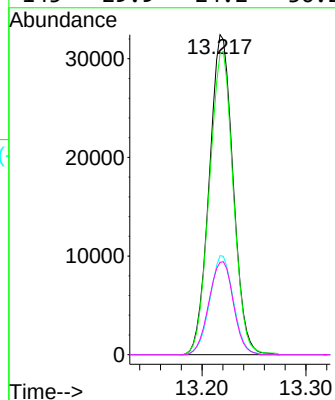
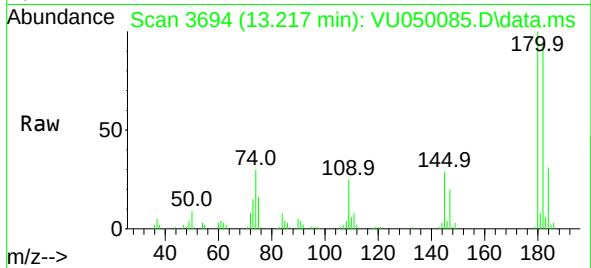




#69
1,3,5-Trichlorobenzene
Concen: 4.891 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

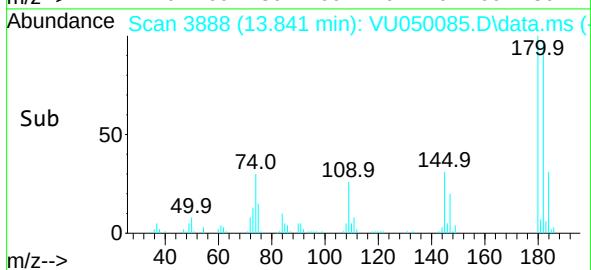
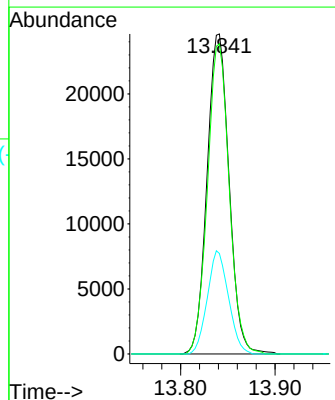
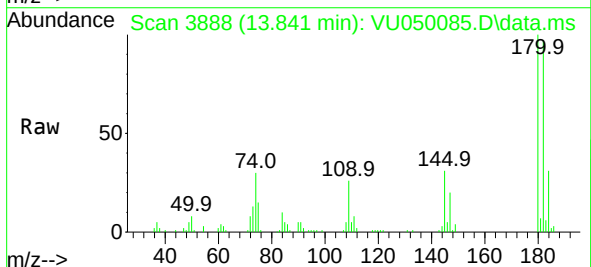
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

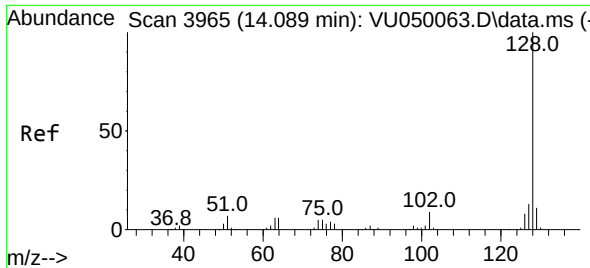
Tgt Ion:180	Resp:	51660
Ion Ratio	Lower	Upper
180	100	
182	95.0	77.3 115.9
184	30.6	24.1 36.1
145	29.9	24.2 36.2



#70
1,2,4-trichlorobenzene
Concen: 4.974 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

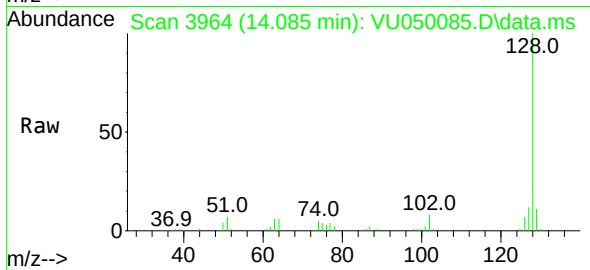
Tgt Ion:180	Resp:	39807
Ion Ratio	Lower	Upper
180	100	
182	95.6	76.9 115.3
145	30.9	24.2 36.4



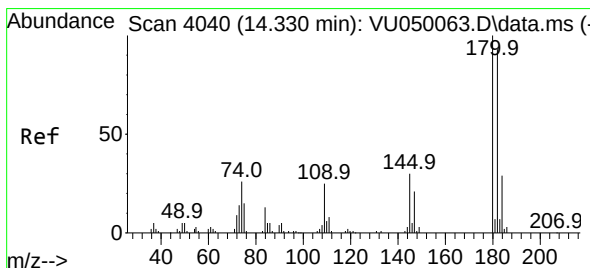
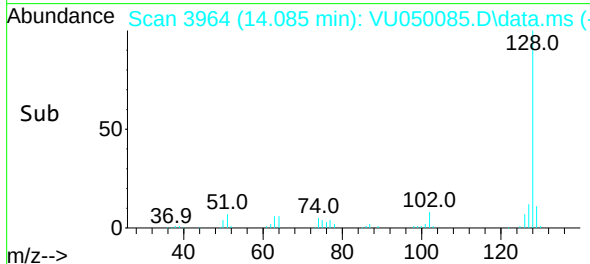
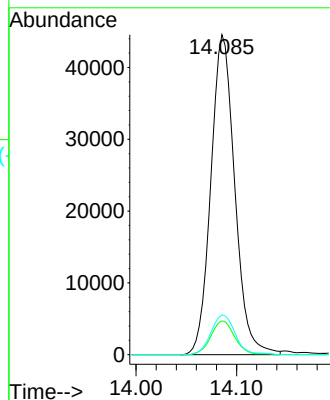


#71
Naphthalene
Concen: 4.491 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD005147



Tgt Ion:	128	Resp:	73694
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	12.6	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.049 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050085.D
Acq: 05 Aug 2022 01:03

Tgt Ion:	180	Resp:	40957
Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.5	116.3
145	31.9	25.8	38.6

