

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072222\
 Data File : U049863.D
 Acq On : 22 Jul 2022 20:41
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005127

Quant Time: Jul 23 02:36:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 01:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	104878	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	96127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48611	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	42436	4.998	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.909	69	34312	4.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.562	65	19035	5.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.400%
20) 2-Butanone-d5	4.636	46	144247	47.216	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.440%
24) Chloroform-d	5.063	84	91873	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.703	65	50154	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.726	84	164588	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.690	67	56184	4.965	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.896	98	145792	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.182	79	19703	4.796	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.636	63	86768	53.296	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.600%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46659	4.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	49132	4.897	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	68917	6.225	ug/L	99
3) Chloromethane	1.520	50	69225	5.082	ug/L	98
5) Vinyl chloride	1.600	62	63790	5.601	ug/L	99
6) Bromomethane	1.854	94	31558	5.124	ug/L	94
8) Chloroethane	1.932	64	35125	5.351	ug/L	99
9) Trichlorofluoromethane	2.134	101	84727	6.051	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	42172	6.158	ug/L	96
12) 1,1-Dichloroethene	2.575	96	39201	5.657	ug/L	98
13) Acetone	2.652	43	92623	50.406	ug/L	96
14) Carbon disulfide	2.790	76	119270	5.563	ug/L	96
15) Methyl Acetate	2.957	43	23722	5.178	ug/L	98
16) Methylene chloride	3.044	84	62208	3.980	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	113863	5.072	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	42805	5.344	ug/L	99
19) 1,1-Dichloroethane	3.870	63	90749	5.242	ug/L	99
21) 2-Butanone	4.716	43	158587	50.886	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	48753	5.255	ug/L	99
23) Bromochloromethane	4.977	128	22026	5.315	ug/L	89
25) Chloroform	5.089	83	96872	5.274	ug/L	99

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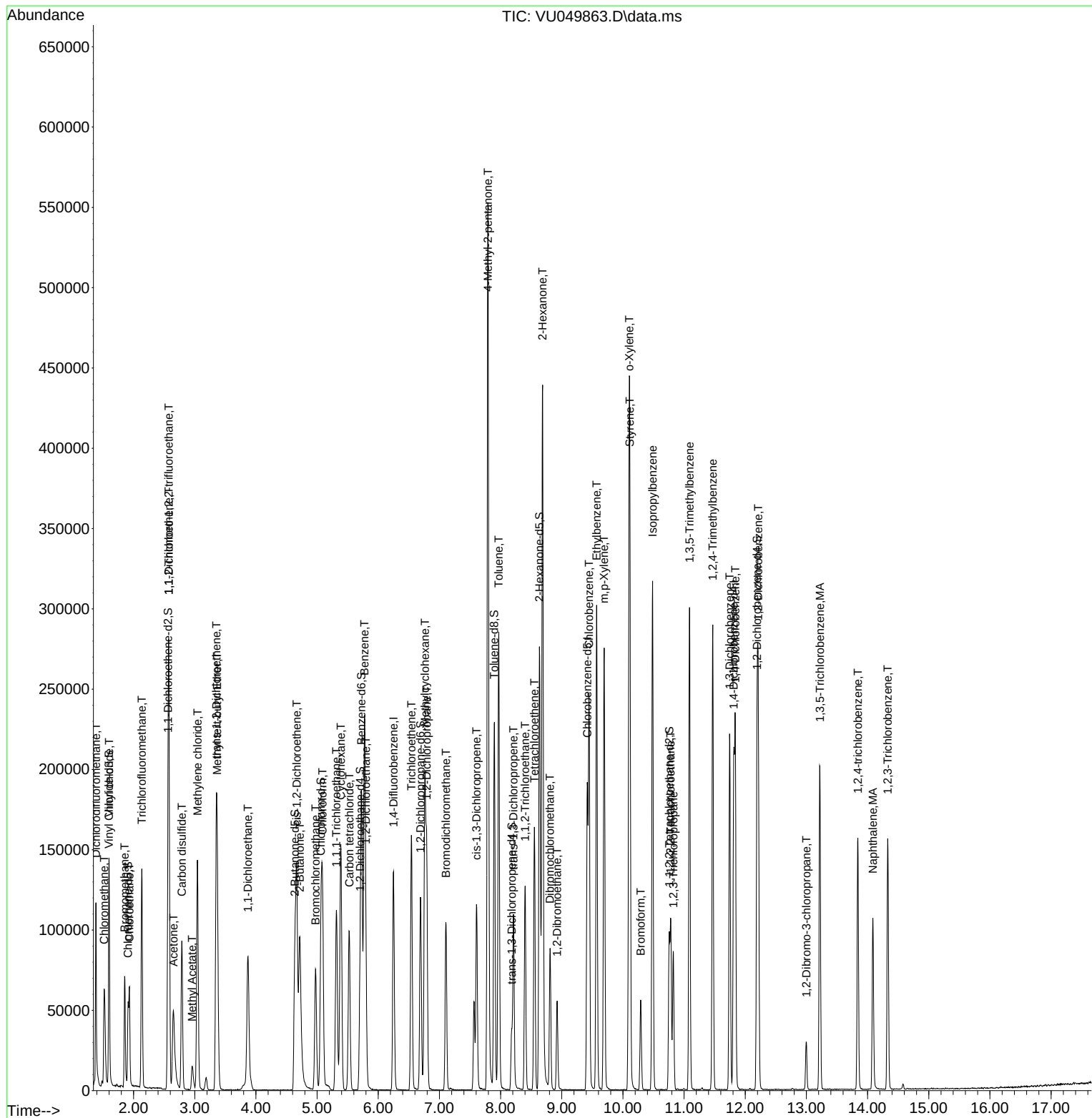
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	63265	5.015	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	79786	5.912	ug/L	99
30) Cyclohexane	5.388	56	71776	6.569	ug/L	98
31) Carbon tetrachloride	5.526	117	66361	6.056	ug/L	97
33) Benzene	5.774	78	195629	5.608	ug/L	100
34) Trichloroethene	6.542	95	54478	6.441	ug/L	99
35) Methylcyclohexane	6.764	83	68088	6.527	ug/L	99
37) 1,2-Dichloropropane	6.793	63	53718	5.403	ug/L	99
38) Bromodichloromethane	7.105	83	68427	5.509	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	67921	5.184	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	375115	54.096	ug/L	100
42) Toluene	7.970	91	198265	5.683	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	58295	5.154	ug/L	93
45) 1,1,2-Trichloroethane	8.401	97	38078	5.367	ug/L	98
47) Tetrachloroethene	8.552	164	33999	5.840	ug/L	98
48) 2-Hexanone	8.687	43	282451	54.575	ug/L	99
49) Dibromochloromethane	8.809	129	42283	5.332	ug/L	91
50) 1,2-Dibromoethane	8.925	107	34179	5.425	ug/L	100
51) Chlorobenzene	9.446	112	120571	5.444	ug/L	98
52) Ethylbenzene	9.571	91	200760	5.597	ug/L	99
53) m,p-Xylene	9.693	106	72909	5.525	ug/L	93
54) o-Xylene	10.102	106	74480	5.712	ug/L	96
55) Styrene	10.115	104	124492	5.636	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	49082	5.356	ug/L	93
59) Bromoform	10.291	173	23914	5.652	ug/L	97
60) Isopropylbenzene	10.484	105	191226	5.946	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	35299	5.450	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	156210	5.749	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	151467	5.743	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	84907	5.340	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	81075	5.154	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	83719	5.330	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	7888	5.444	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	59050	5.030	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	45639	4.630	ug/L	99
71) Naphthalene	14.085	128	84284	4.386	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	45581	4.812	ug/L	99

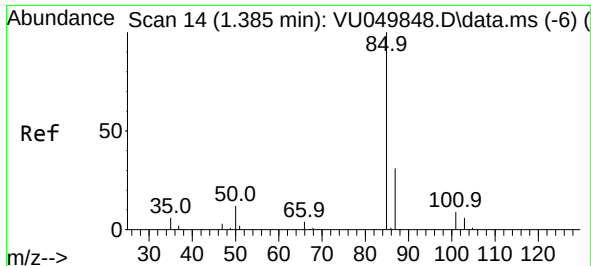
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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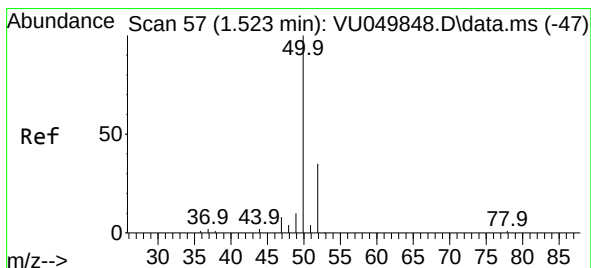
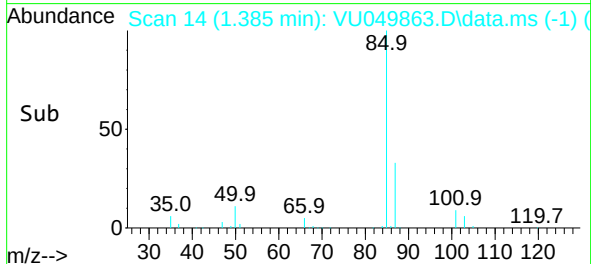
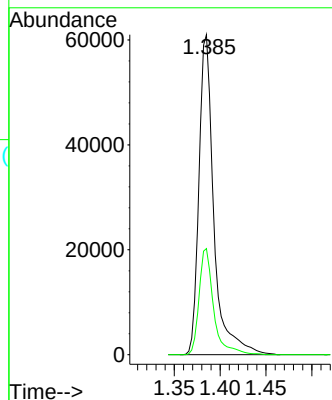
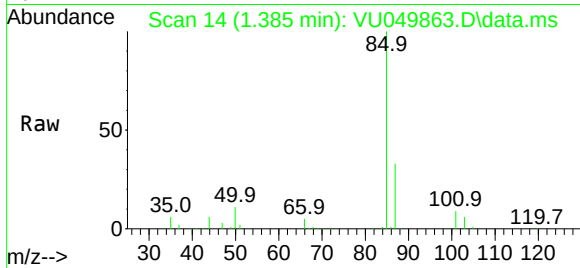




#2
Dichlorodifluoromethane
Concen: 6.225 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

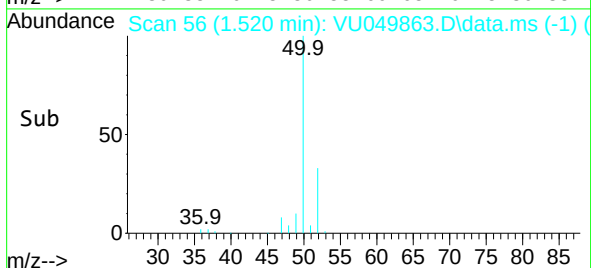
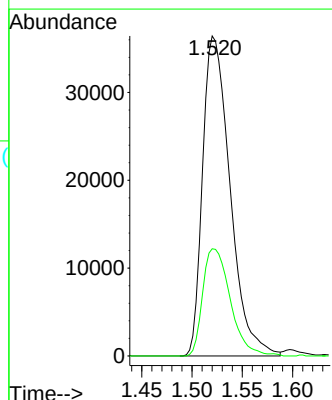
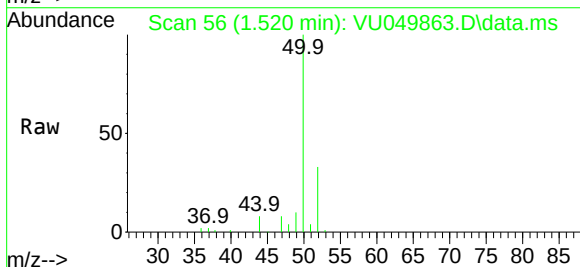
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

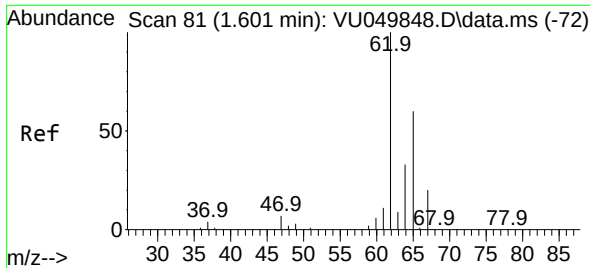
Tgt Ion: 85 Resp: 68917
Ion Ratio Lower Upper
85 100
87 32.5 25.4 38.2



#3
Chloromethane
Concen: 5.082 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Tgt Ion: 50 Resp: 69225
Ion Ratio Lower Upper
50 100
52 33.5 22.5 41.7

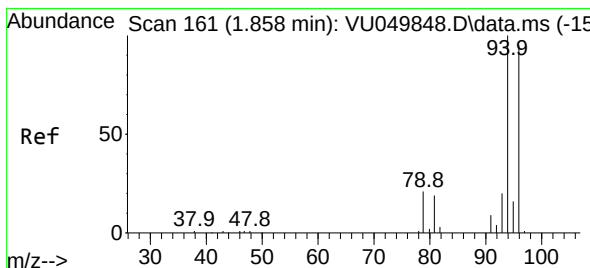
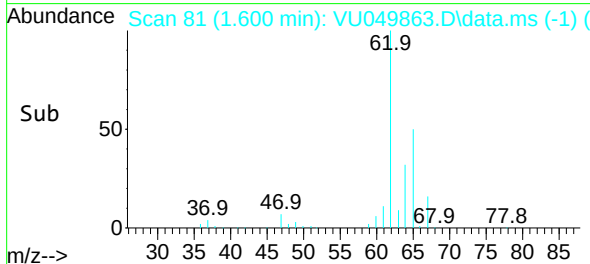
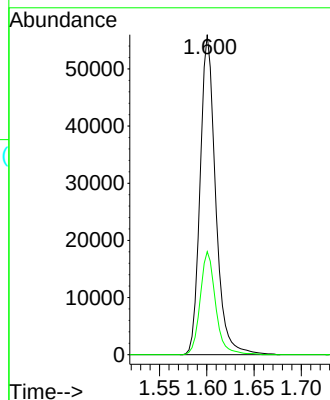
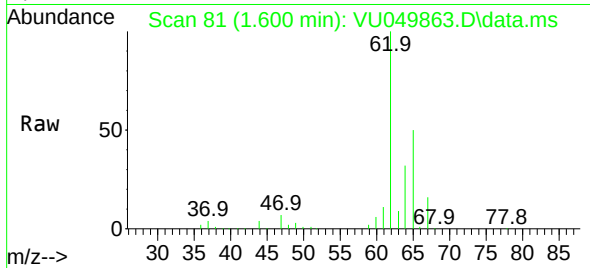




#5
 Vinyl chloride
 Concen: 5.601 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049863.D
 Acq: 22 Jul 2022 20:41

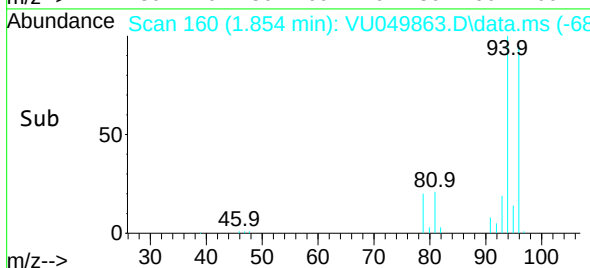
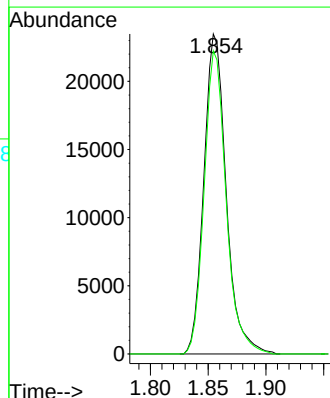
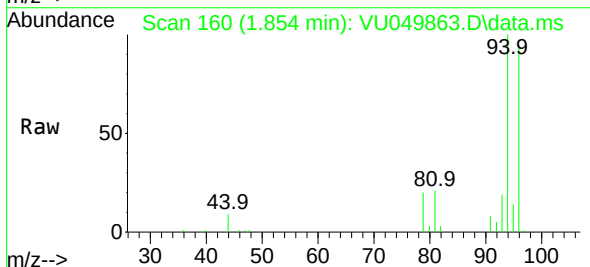
Instrument :
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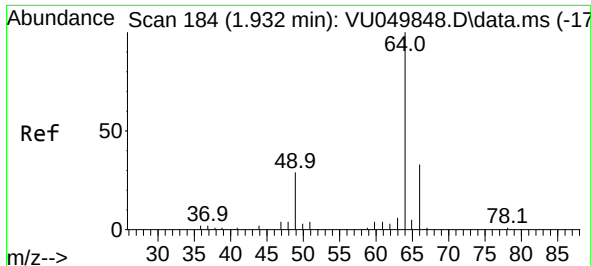
Tgt Ion: 62 Resp: 63790
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.7 42.3



#6
 Bromomethane
 Concen: 5.124 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. -0.003 min
 Lab File: VU049863.D
 Acq: 22 Jul 2022 20:41

Tgt Ion: 94 Resp: 31558
 Ion Ratio Lower Upper
 94 100
 96 94.7 62.6 116.3

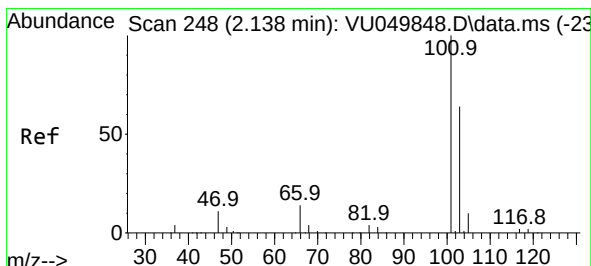
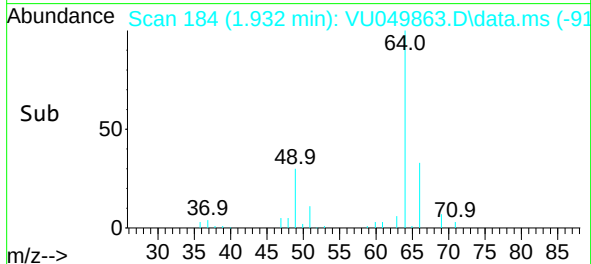
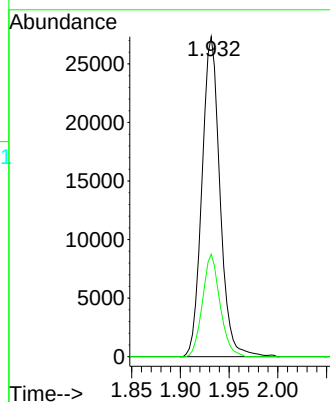
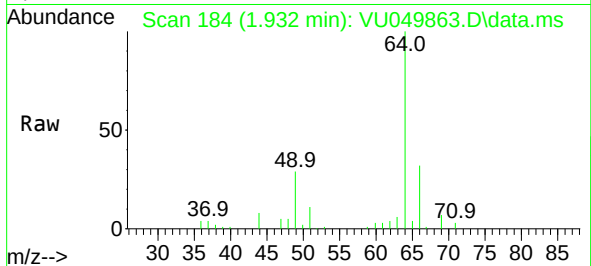




#8
Chloroethane
Concen: 5.351 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

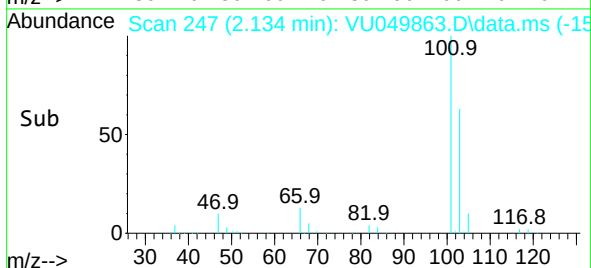
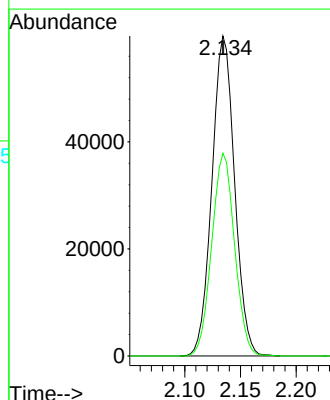
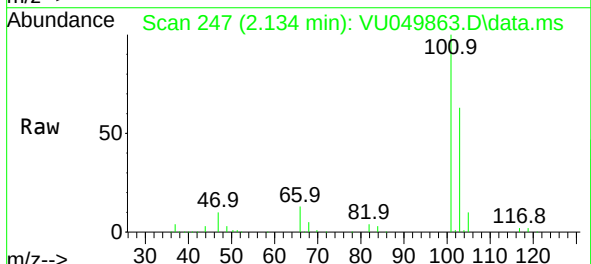
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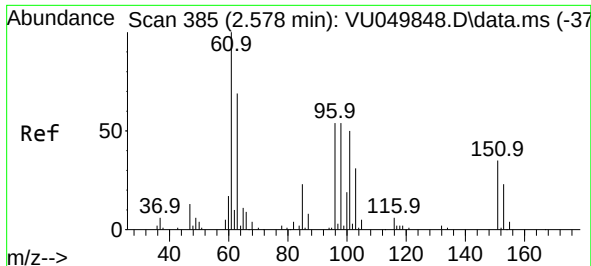
Tgt Ion: 64 Resp: 35125
Ion Ratio Lower Upper
64 100
66 32.0 22.7 42.3



#9
Trichlorofluoromethane
Concen: 6.051 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Tgt Ion:101 Resp: 84727
Ion Ratio Lower Upper
101 100
103 63.8 50.8 76.2

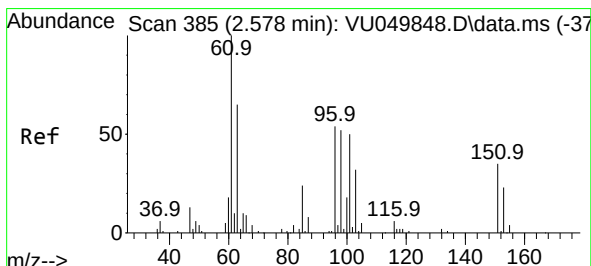
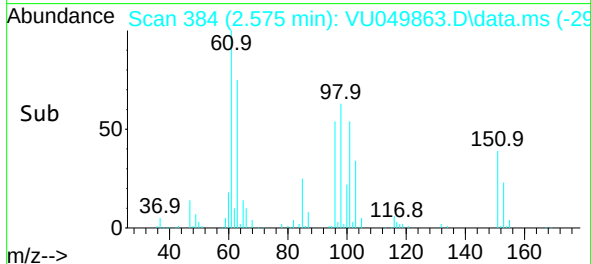
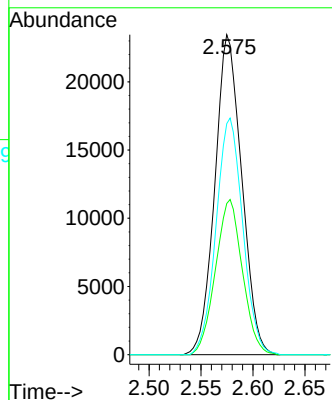
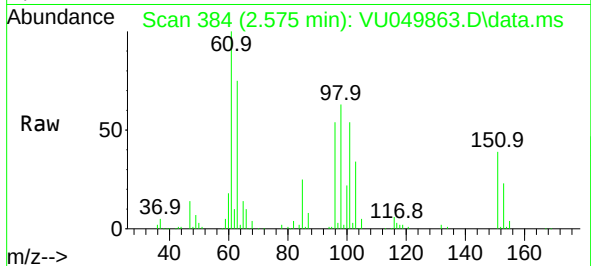




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.158 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

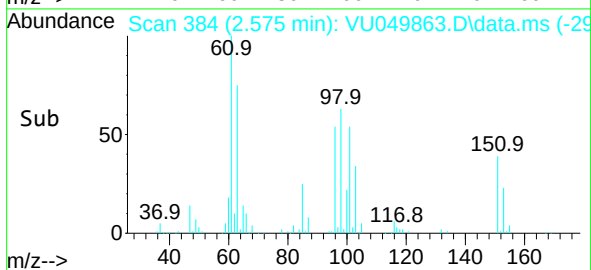
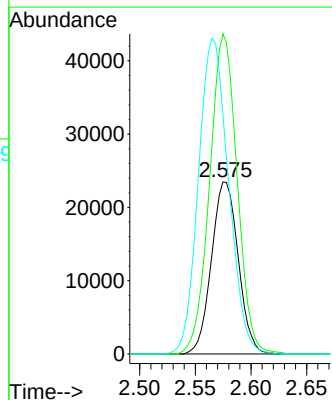
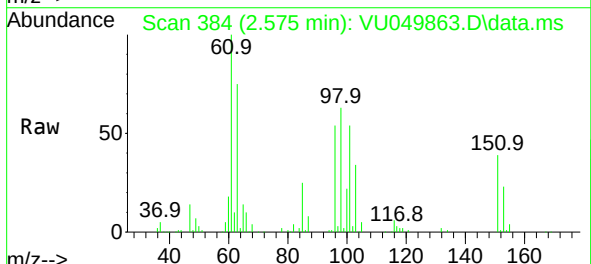
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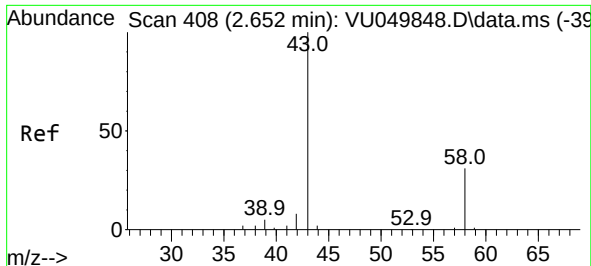
Tgt Ion:101 Resp: 42172
Ion Ratio Lower Upper
101 100
85 48.6 37.2 55.8
151 73.6 56.0 84.0



#12
1,1-Dichloroethene
Concen: 5.657 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Tgt Ion: 96 Resp: 39201
Ion Ratio Lower Upper
96 100
61 186.0 131.6 244.4
63 139.4 100.0 185.6





#13

Acetone

Concen: 50.406 ug/L

RT: 2.652 min Scan# 408

Delta R.T. -0.000 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

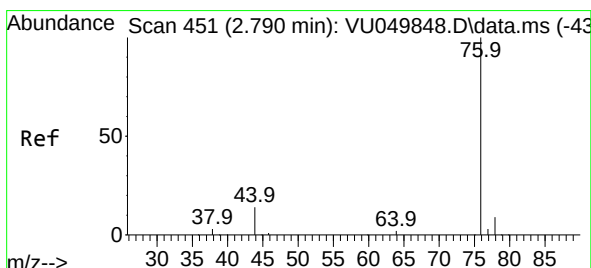
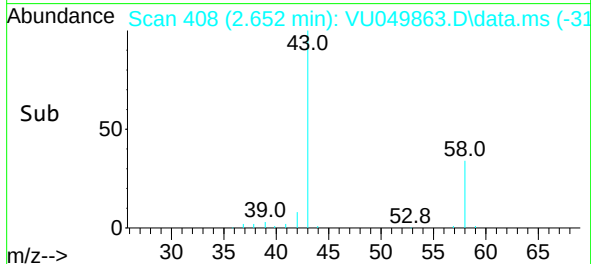
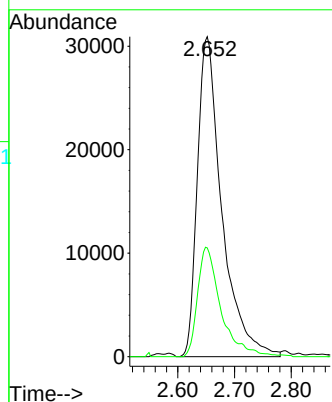
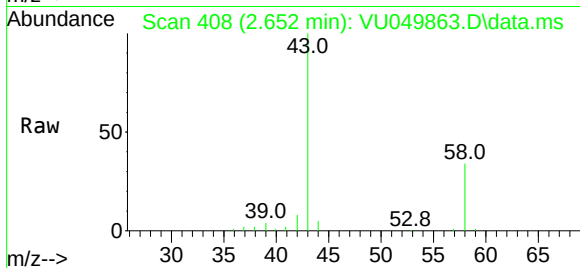
VSTD005127

Tgt Ion: 43 Resp: 92623

Ion Ratio Lower Upper

43 100

58 32.6 0.0 61.0



#14

Carbon disulfide

Concen: 5.563 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

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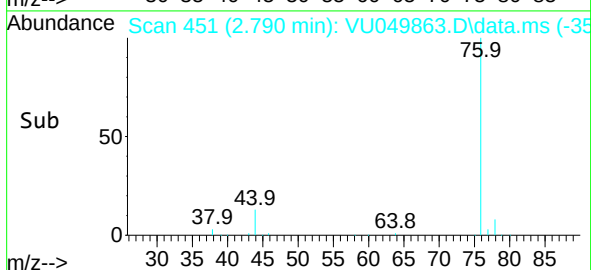
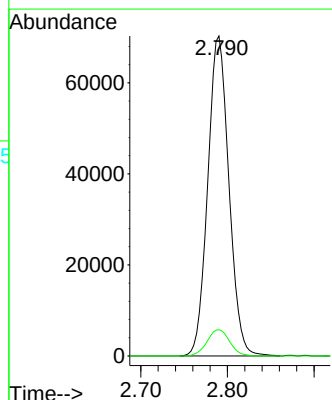
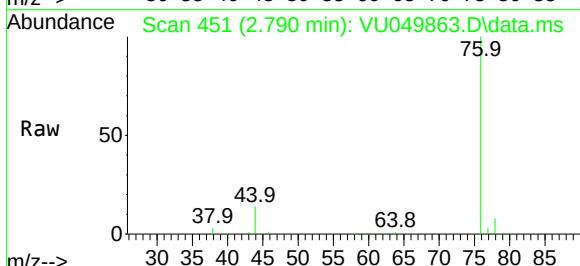
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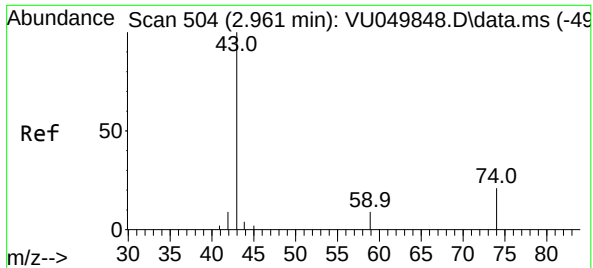
Tgt Ion: 76 Resp: 119270

Ion Ratio Lower Upper

76 100

78 8.2 7.8 11.6

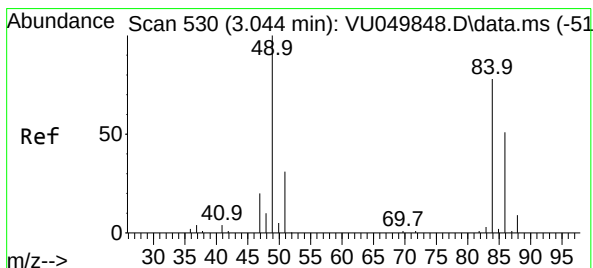
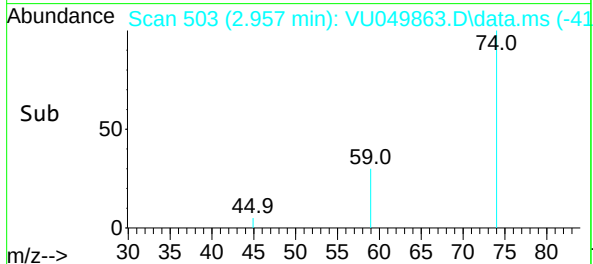
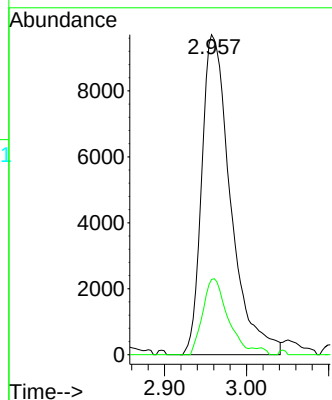
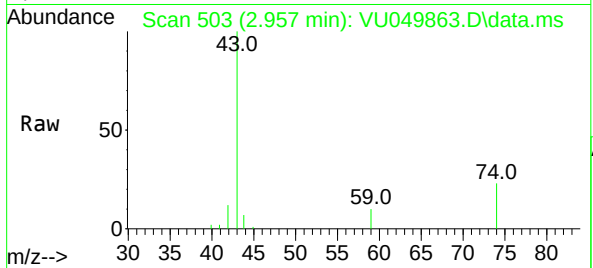




#15
Methyl Acetate
Concen: 5.178 ug/L
RT: 2.957 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

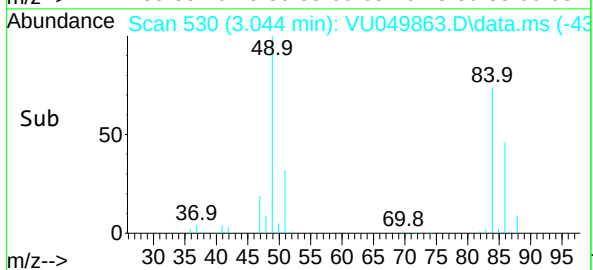
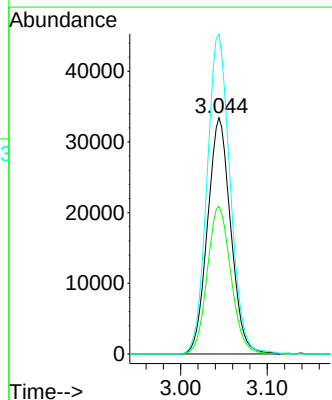
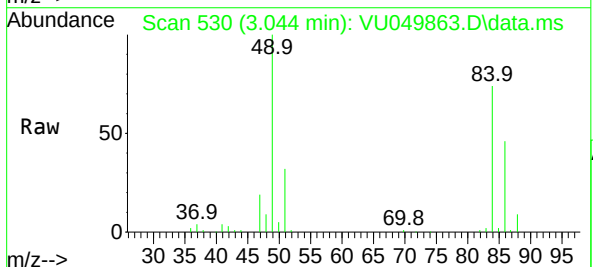
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

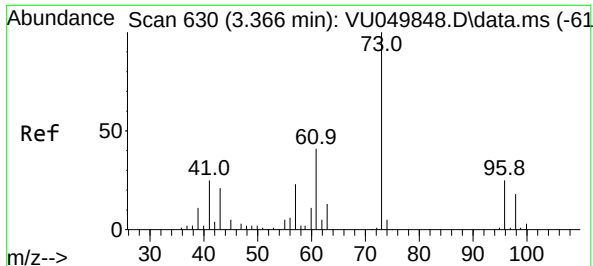
Tgt Ion: 43 Resp: 23722
Ion Ratio Lower Upper
43 100
74 20.2 17.1 25.7



#16
Methylene chloride
Concen: 3.980 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Tgt Ion: 84 Resp: 62208
Ion Ratio Lower Upper
84 100
86 62.5 45.5 84.5
49 135.5 94.1 174.8

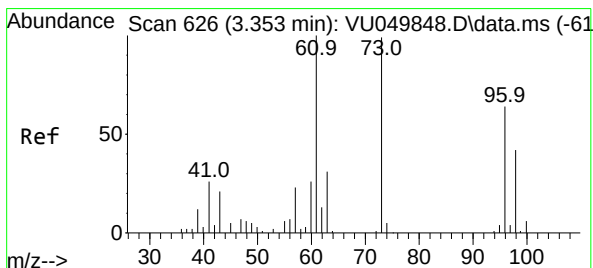
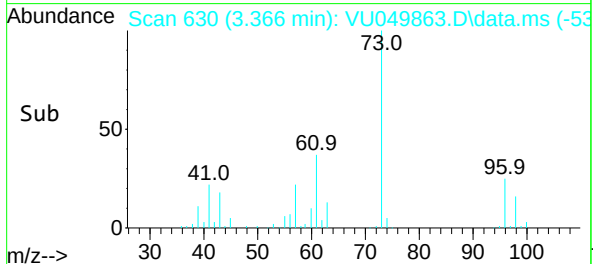
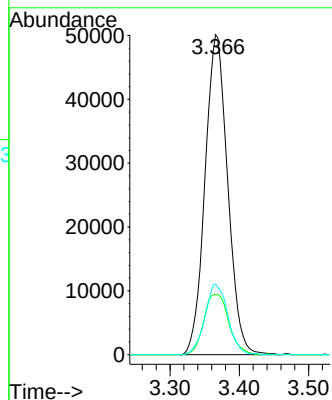
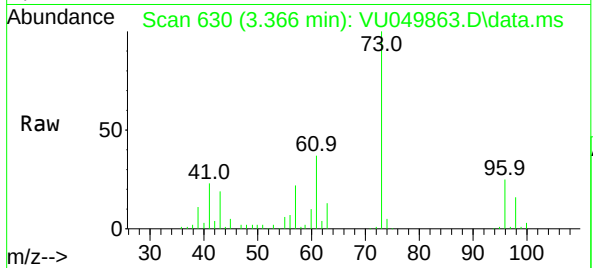




#17
Methyl tert-butyl Ether
Concen: 5.072 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

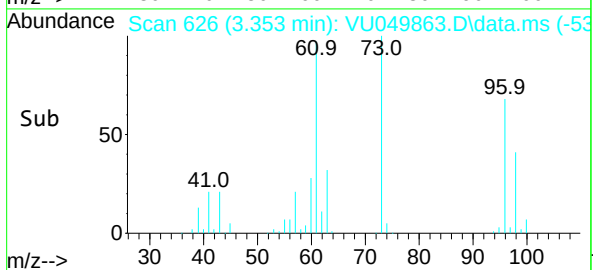
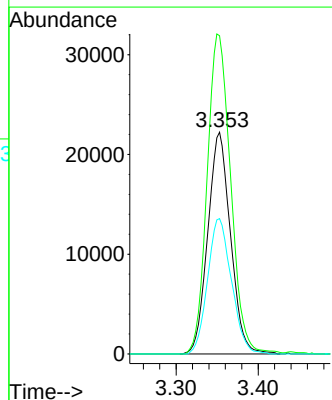
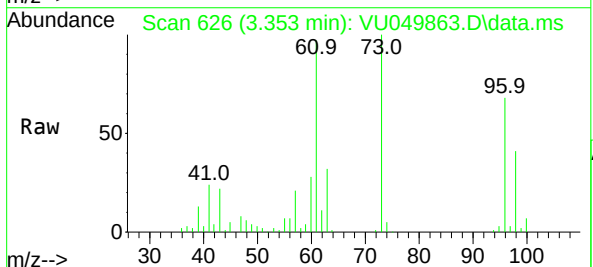
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

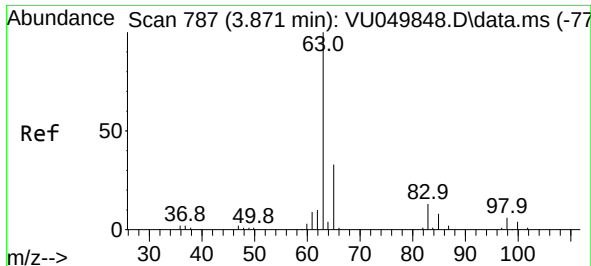
Tgt Ion: 73 Resp: 113863
Ion Ratio Lower Upper
73 100
43 20.7 17.4 26.2
57 22.2 18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 5.344 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Tgt Ion: 96 Resp: 42805
Ion Ratio Lower Upper
96 100
61 143.5 101.5 188.5
98 61.1 42.5 78.9





#19

1,1-Dichloroethane

Concen: 5.242 ug/L

RT: 3.870 min Scan# 787

Delta R.T. -0.000 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005127

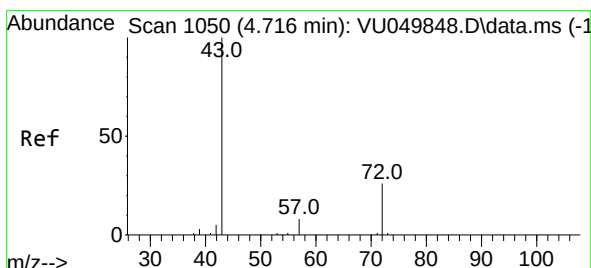
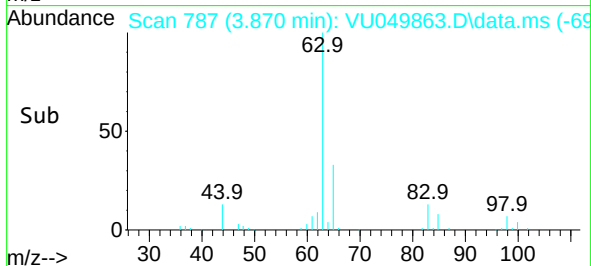
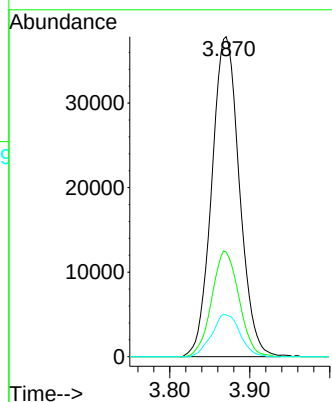
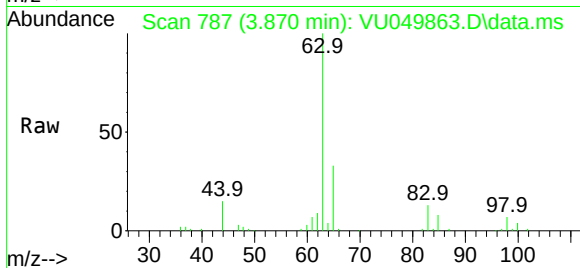
Tgt Ion: 63 Resp: 90749

Ion Ratio Lower Upper

63 100

65 32.7 22.5 41.9

83 13.0 8.3 15.5



#21

2-Butanone

Concen: 50.886 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VU049863.D

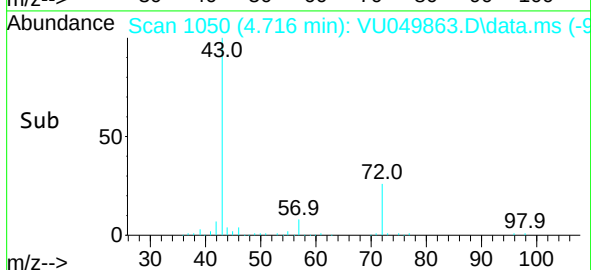
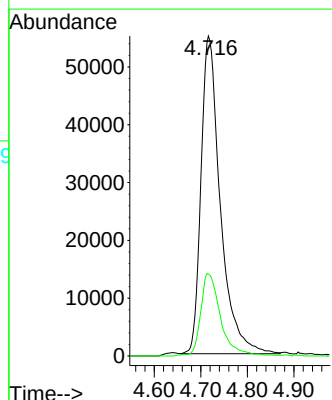
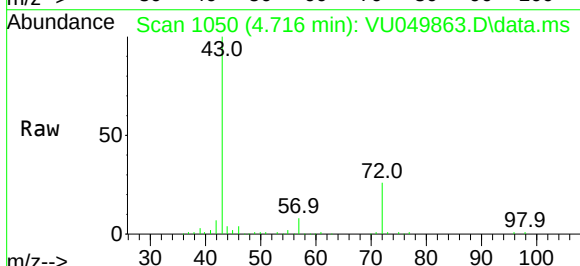
Acq: 22 Jul 2022 20:41

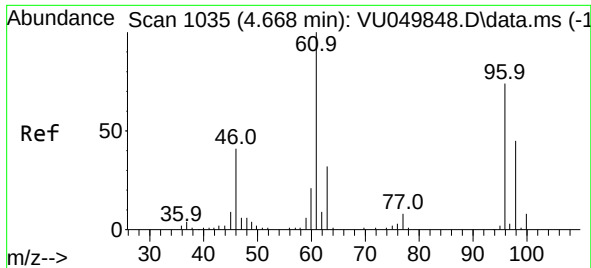
Tgt Ion: 43 Resp: 158587

Ion Ratio Lower Upper

43 100

72 26.4 11.9 35.5

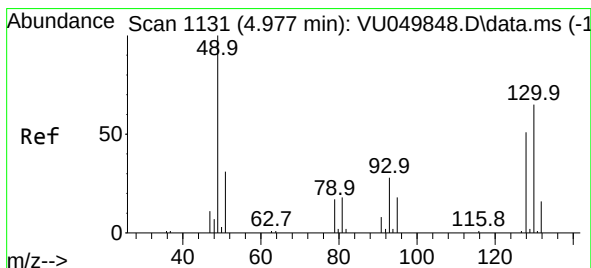
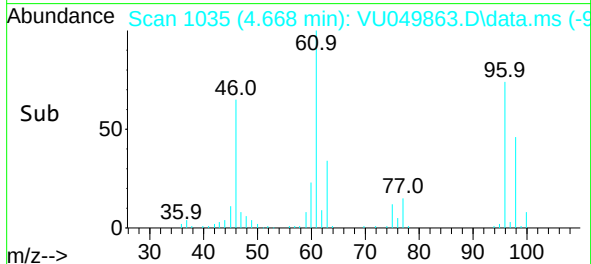
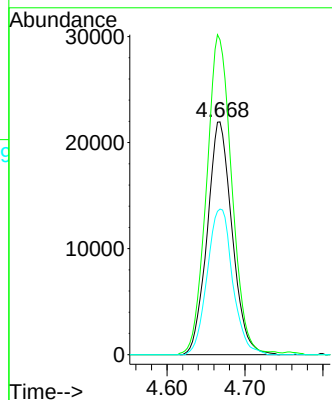
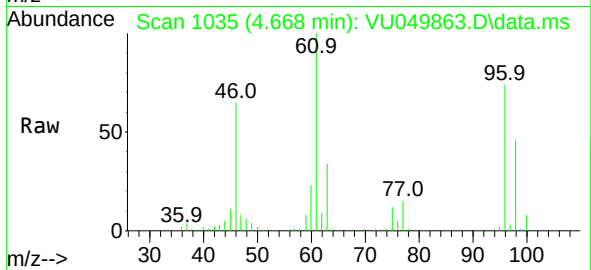




#22
cis-1,2-Dichloroethene
Concen: 5.255 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

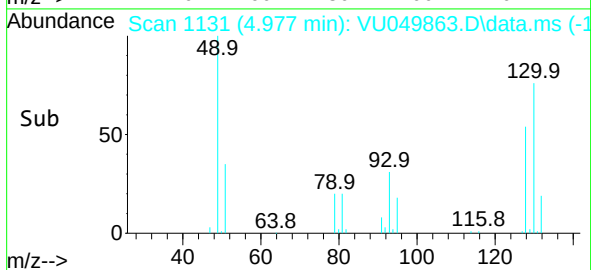
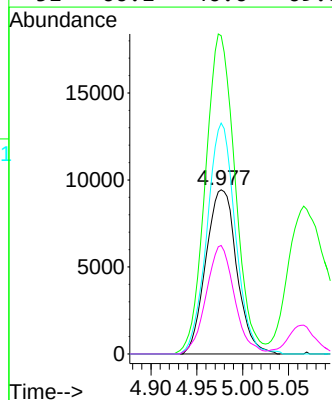
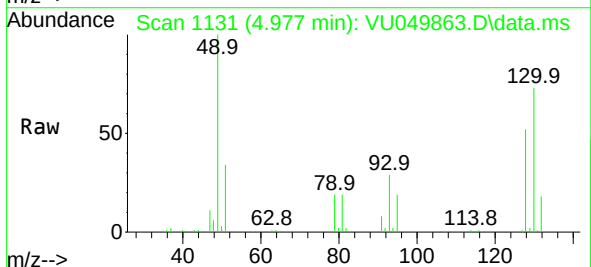
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

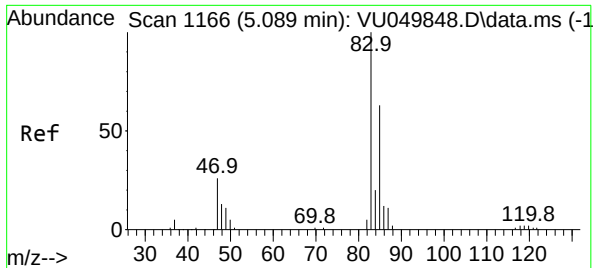
Tgt Ion: 96 Resp: 48753
Ion Ratio Lower Upper
96 100
61 135.1 93.9 174.3
98 62.5 43.9 81.5



#23
Bromochloromethane
Concen: 5.315 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Tgt Ion: 128 Resp: 22026
Ion Ratio Lower Upper
128 100
49 193.9 124.9 232.1
130 140.7 88.5 164.3
51 66.1 46.6 69.8





#25

Chloroform

Concen: 5.274 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

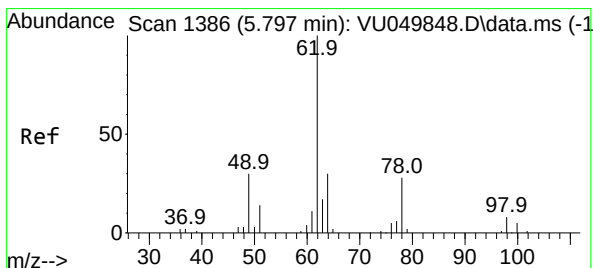
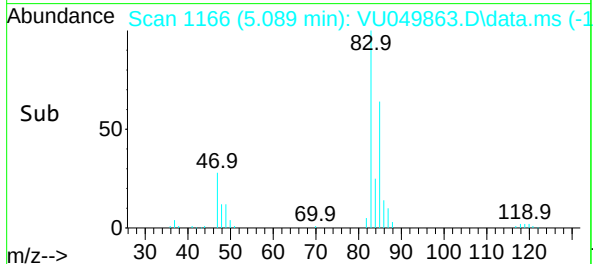
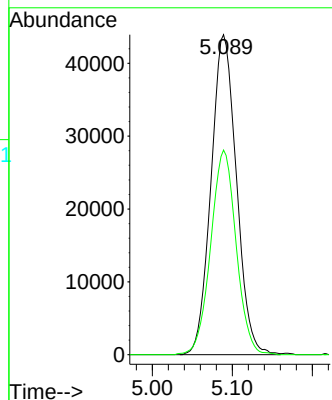
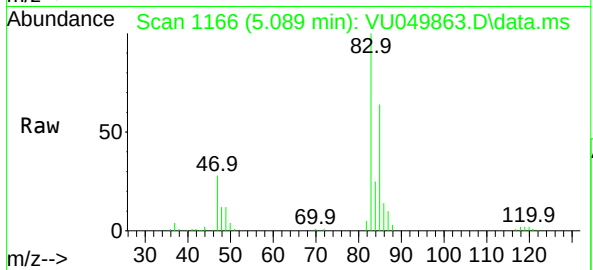
VSTD005127

Tgt Ion: 83 Resp: 96872

Ion Ratio Lower Upper

83 100

85 63.9 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.015 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU049863.D

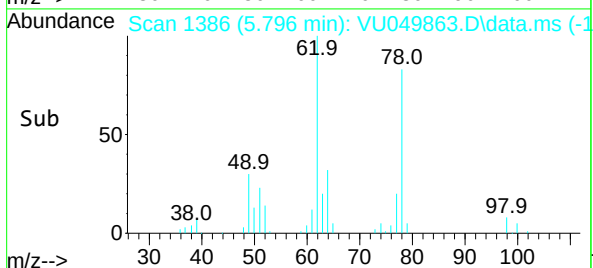
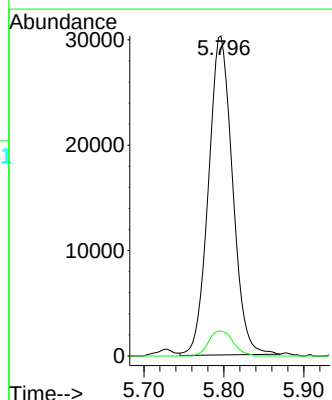
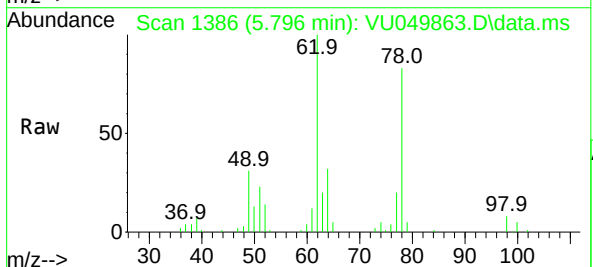
Acq: 22 Jul 2022 20:41

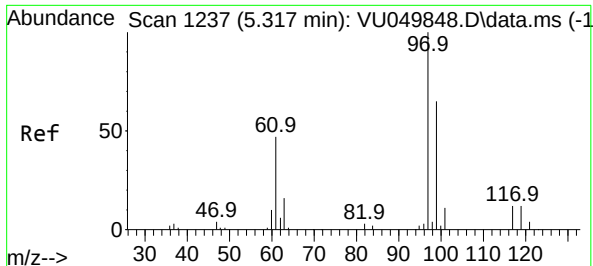
Tgt Ion: 62 Resp: 63265

Ion Ratio Lower Upper

62 100

98 7.8 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 5.912 ug/L

RT: 5.314 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005127

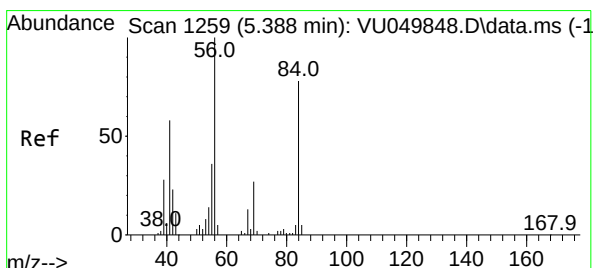
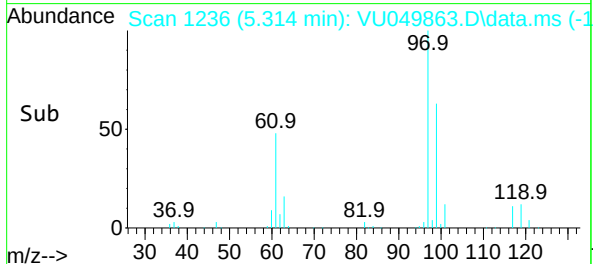
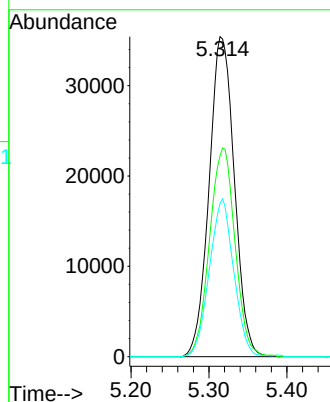
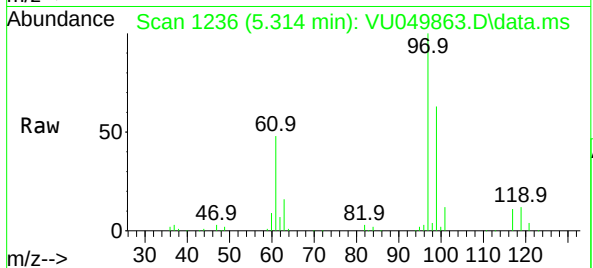
Tgt Ion: 97 Resp: 79786

Ion Ratio Lower Upper

97 100

99 65.9 51.8 77.8

61 47.6 38.3 57.5



#30

Cyclohexane

Concen: 6.569 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

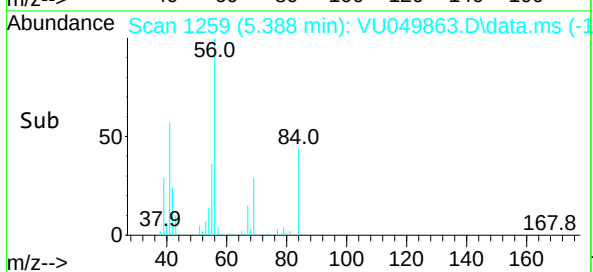
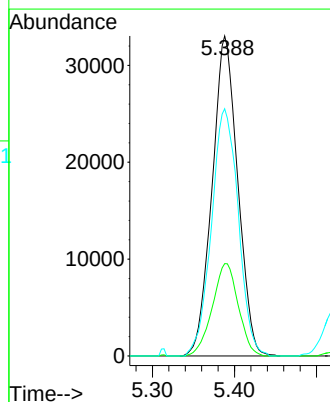
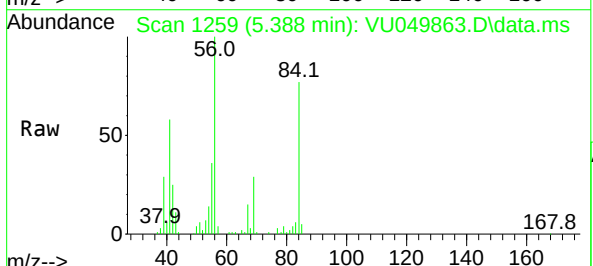
Tgt Ion: 56 Resp: 71776

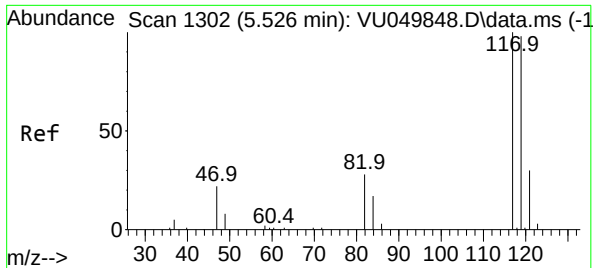
Ion Ratio Lower Upper

56 100

69 29.2 22.8 34.2

84 80.9 63.0 94.6

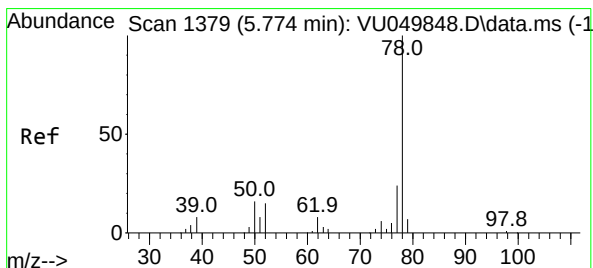
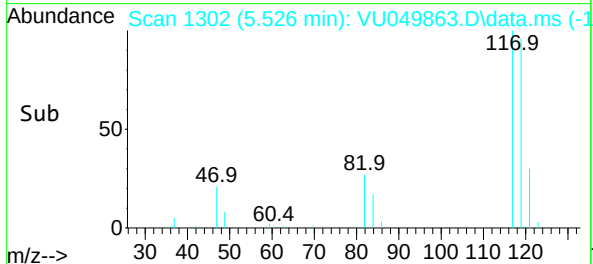
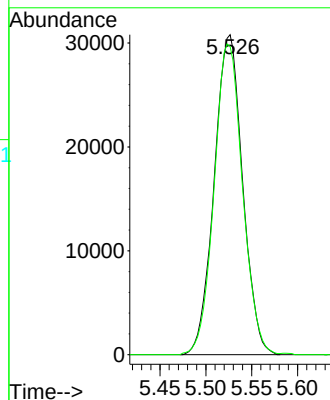
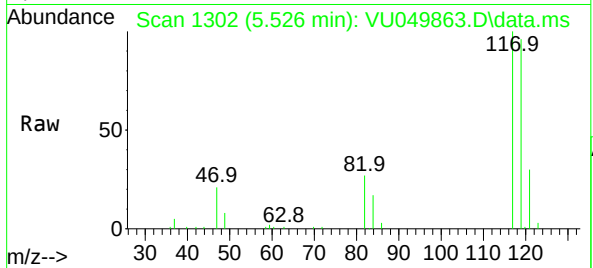




#31
Carbon tetrachloride
Concen: 6.056 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

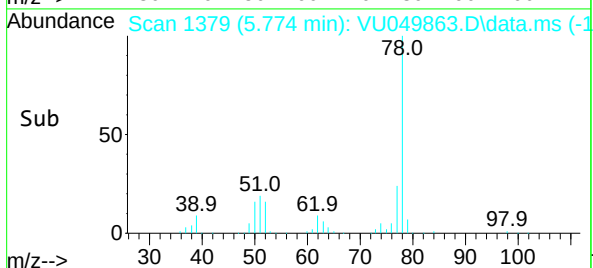
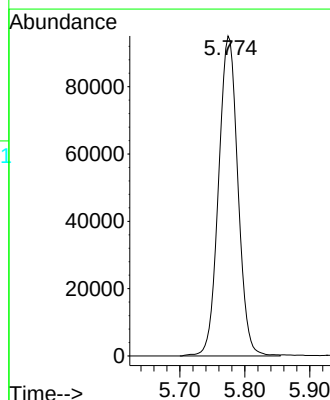
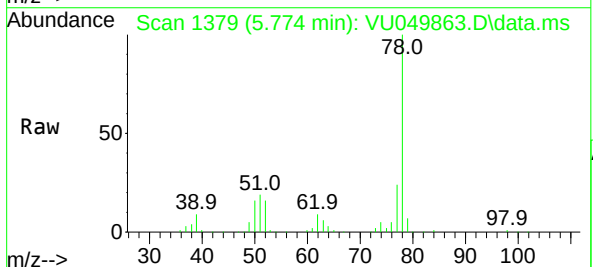
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

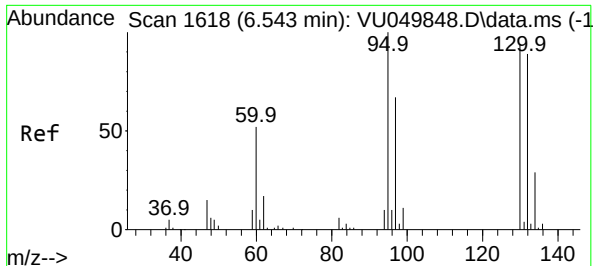
Tgt Ion:117 Resp: 66361
Ion Ratio Lower Upper
117 100
119 97.2 75.2 112.8



#33
Benzene
Concen: 5.608 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Tgt Ion: 78 Resp: 195629

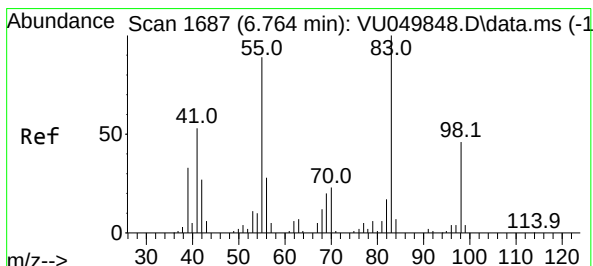
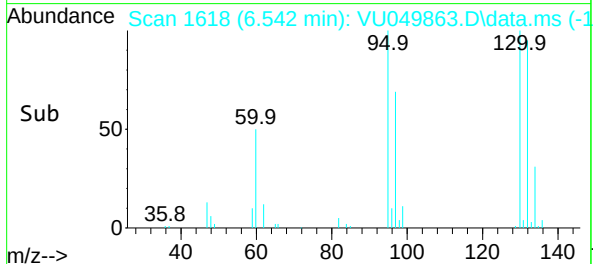
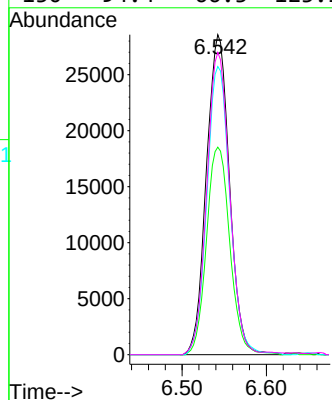
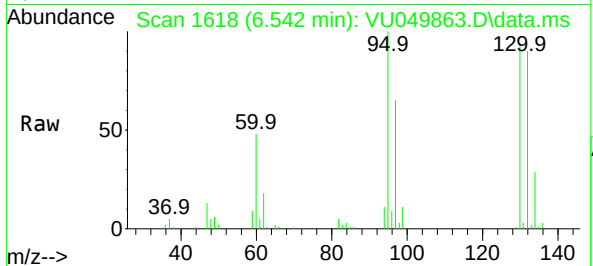




#34
Trichloroethene
Concen: 6.441 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

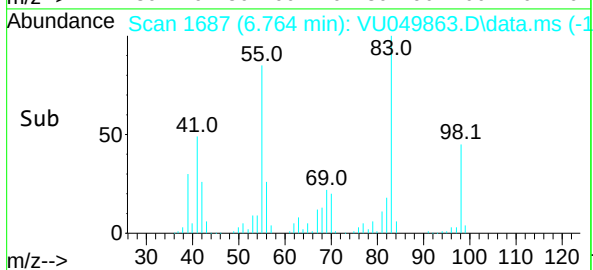
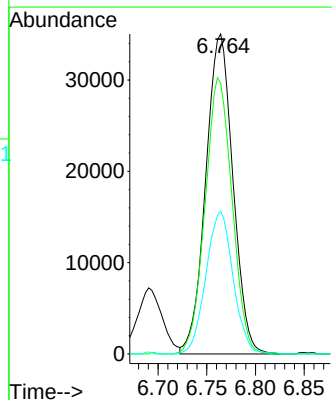
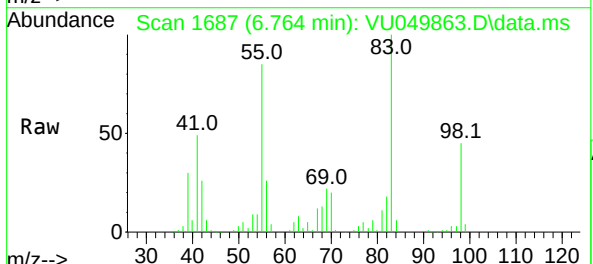
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

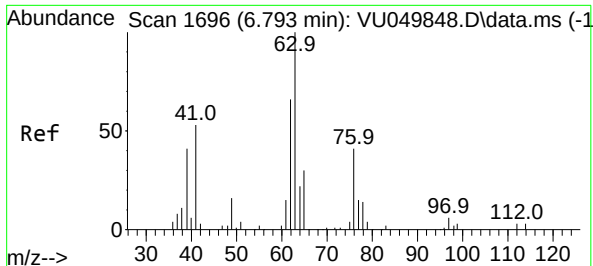
Tgt Ion: 95 Resp: 54478
Ion Ratio Lower Upper
95 100
97 64.9 46.8 86.8
132 90.1 61.8 114.8
130 94.4 66.3 123.1



#35
Methylcyclohexane
Concen: 6.527 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Tgt Ion: 83 Resp: 68088
Ion Ratio Lower Upper
83 100
55 85.5 69.0 103.4
98 44.4 36.4 54.6





#37

1,2-Dichloropropane

Concen: 5.403 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

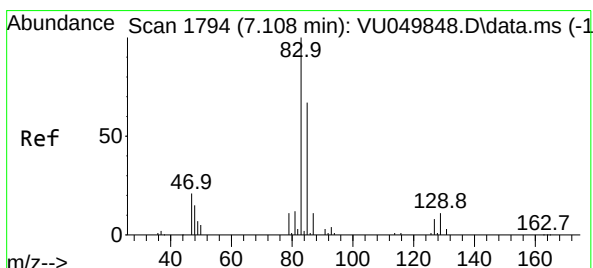
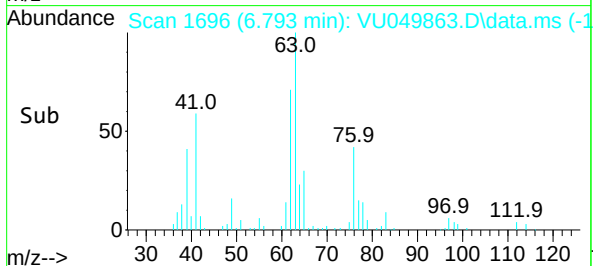
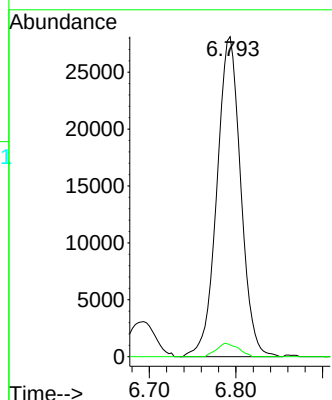
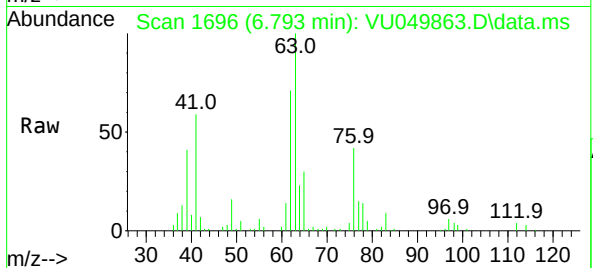
VSTD005127

Tgt Ion: 63 Resp: 53718

Ion Ratio Lower Upper

63 100

112 3.8 2.8 4.2



#38

Bromodichloromethane

Concen: 5.509 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

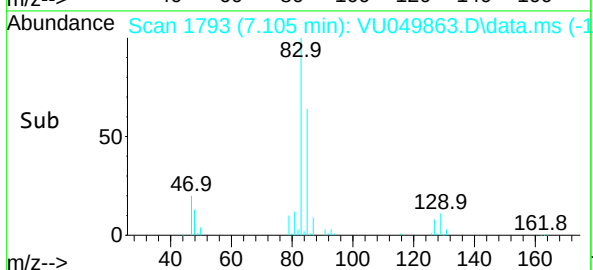
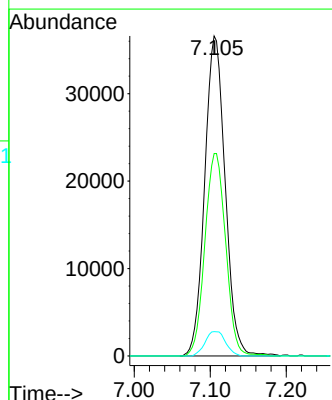
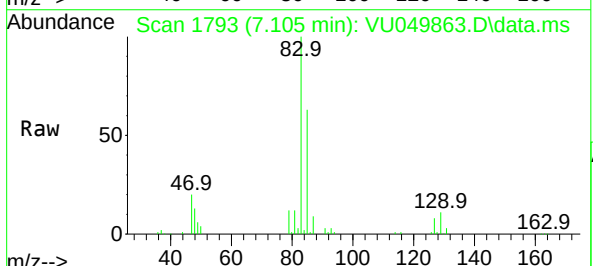
Tgt Ion: 83 Resp: 68427

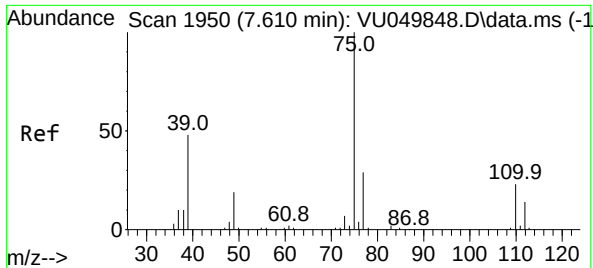
Ion Ratio Lower Upper

83 100

85 63.3 45.9 85.3

127 7.6 7.0 10.6

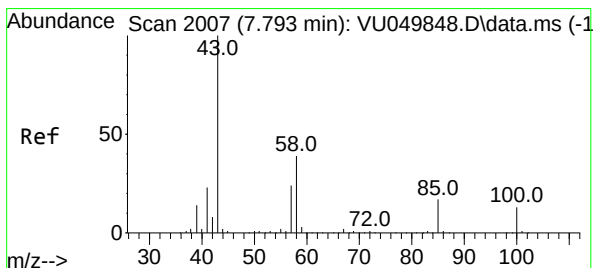
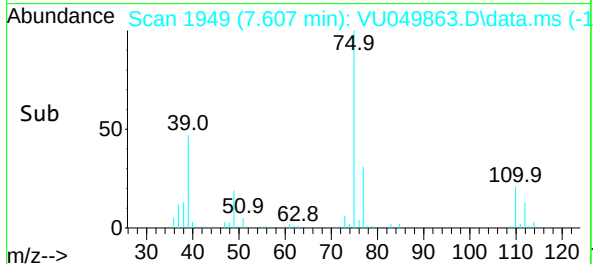
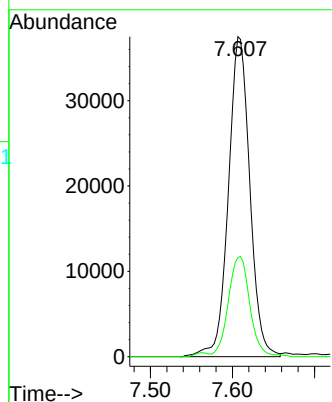
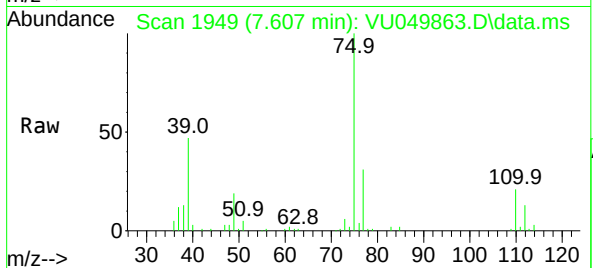




#39
 cis-1,3-Dichloropropene
 Concen: 5.184 ug/L
 RT: 7.607 min Scan# 1950
 Delta R.T. -0.003 min
 Lab File: VU049863.D
 Acq: 22 Jul 2022 20:41

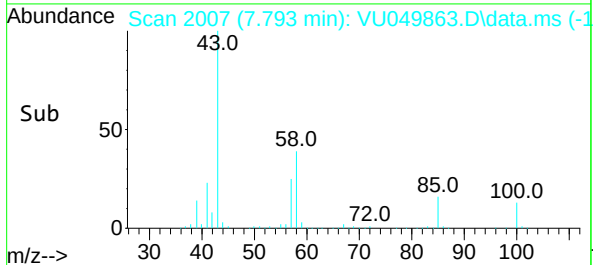
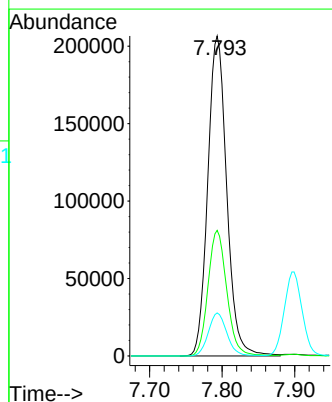
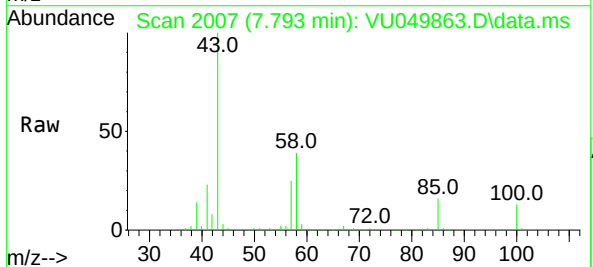
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005127

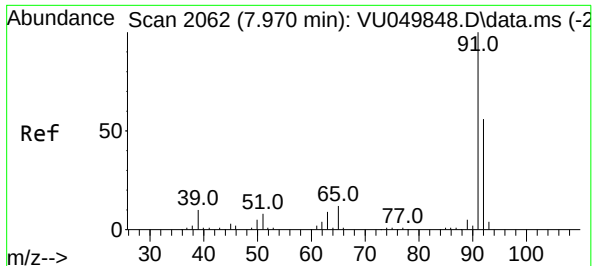
Tgt Ion: 75 Resp: 67921
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 54.096 ug/L
 RT: 7.793 min Scan# 2007
 Delta R.T. -0.000 min
 Lab File: VU049863.D
 Acq: 22 Jul 2022 20:41

Tgt Ion: 43 Resp: 375115
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.0 46.4
 100 13.2 10.4 15.6





#42

Toluene

Concen: 5.683 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

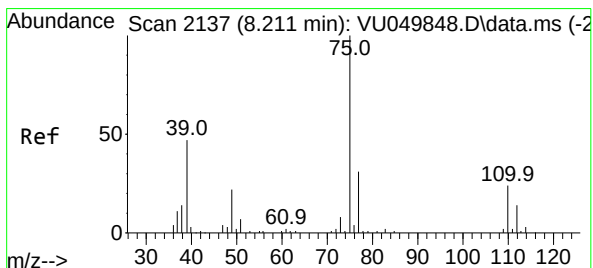
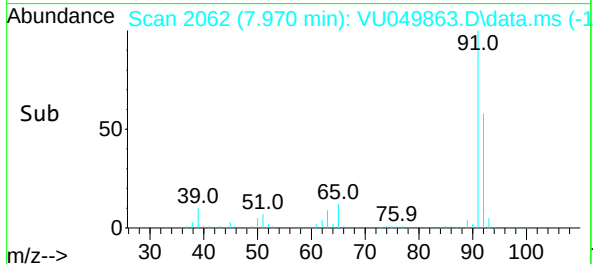
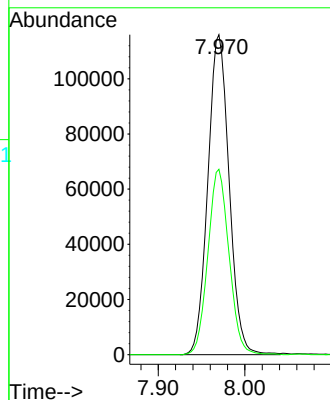
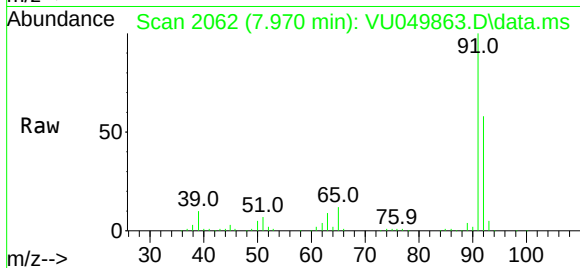
VSTD005127

Tgt Ion: 91 Resp: 198265

Ion Ratio Lower Upper

91 100

92 57.9 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.154 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049863.D

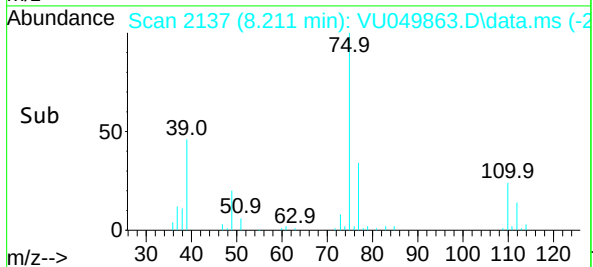
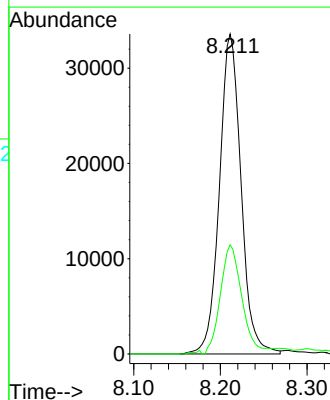
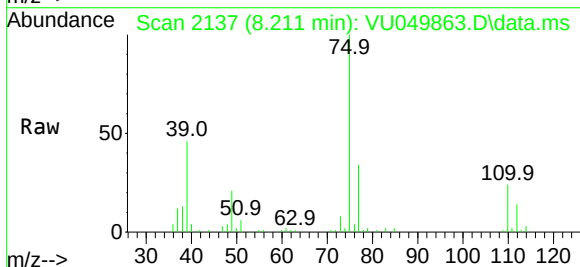
Acq: 22 Jul 2022 20:41

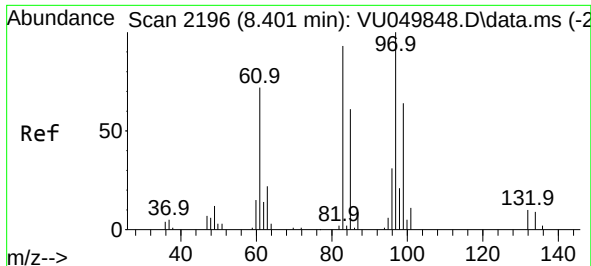
Tgt Ion: 75 Resp: 58295

Ion Ratio Lower Upper

75 100

77 34.1 21.2 39.4



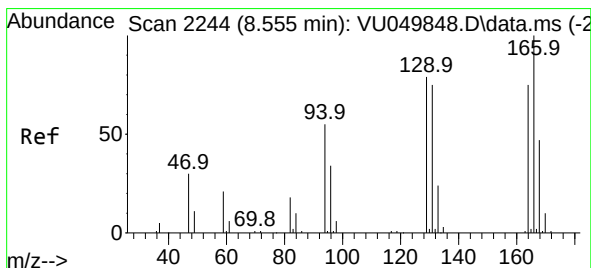
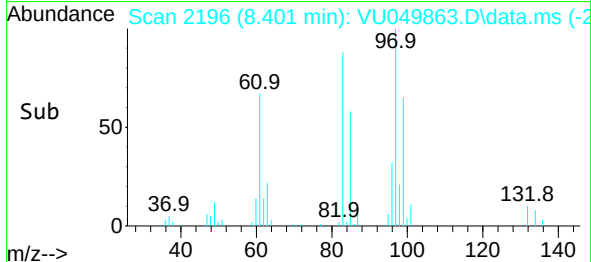
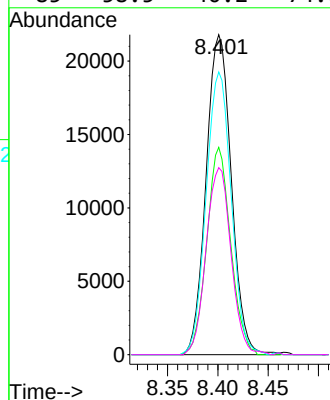
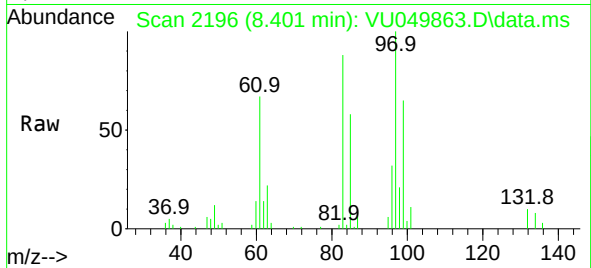


#45
1,1,2-Trichloroethane
Concen: 5.367 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

Tgt Ion: 97 Resp: 38078

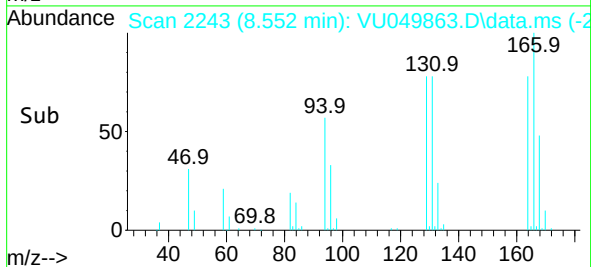
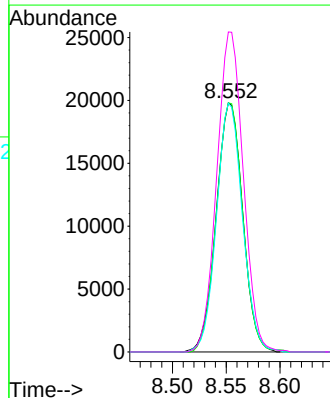
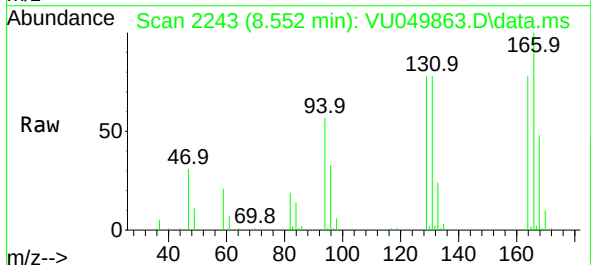
Ion	Ratio	Lower	Upper
97	100		
99	64.8	43.8	81.3
83	88.4	62.4	115.8
85	58.5	40.2	74.6

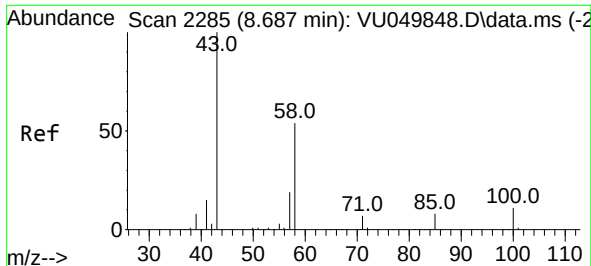


#47
Tetrachloroethene
Concen: 5.840 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Tgt Ion: 164 Resp: 33999

Ion	Ratio	Lower	Upper
164	100		
129	100.0	68.9	127.9
131	99.9	67.5	125.4
166	128.5	89.2	165.8



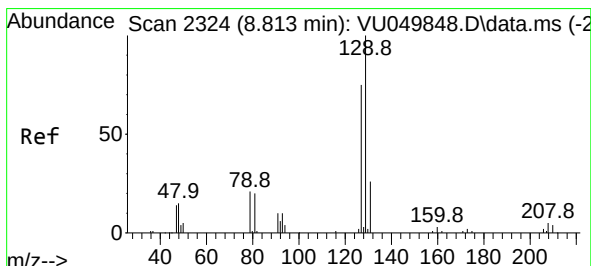
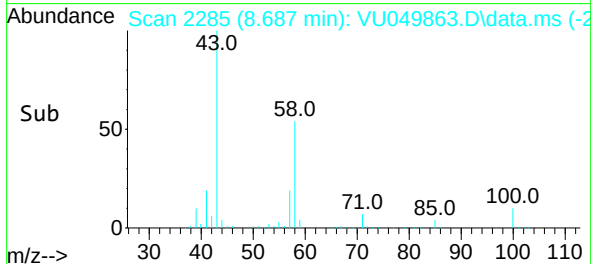
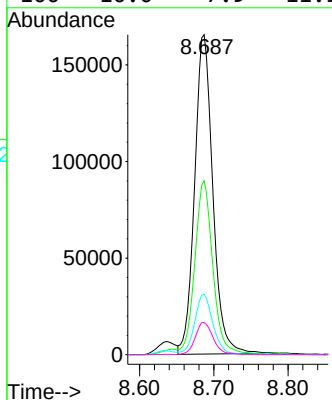
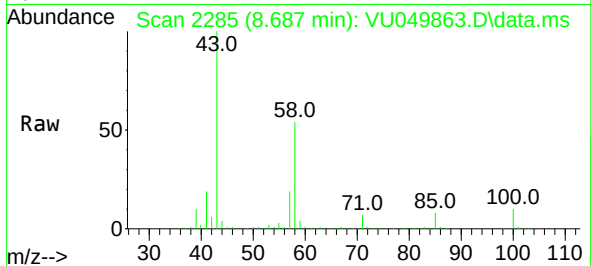


#48
2-Hexanone
Concen: 54.575 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

Tgt Ion: 43 Resp: 282451

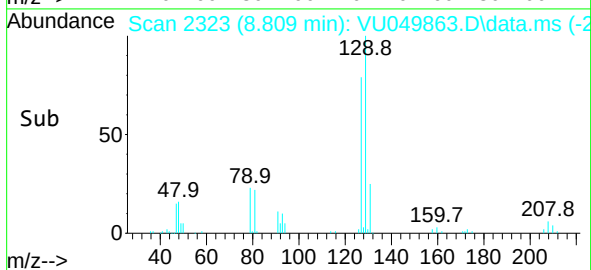
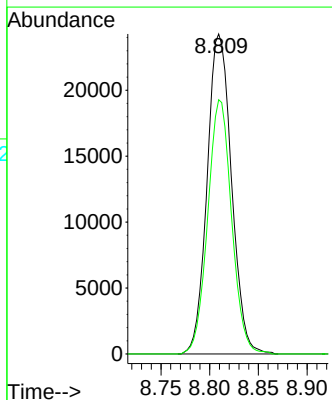
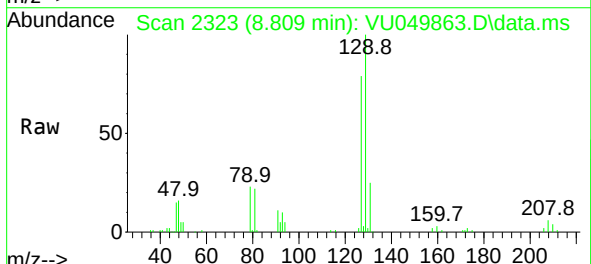
Ion	Ratio	Lower	Upper
43	100		
58	53.5	42.1	63.1
57	18.7	14.3	21.5
100	10.0	7.9	11.9

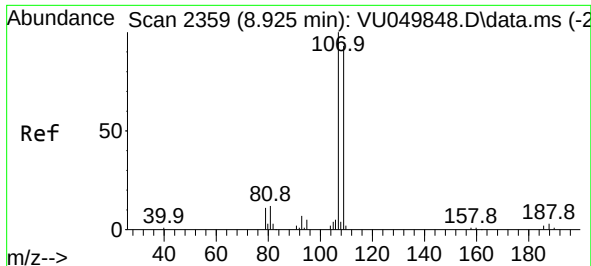


#49
Dibromochloromethane
Concen: 5.332 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Tgt Ion: 129 Resp: 42283

Ion	Ratio	Lower	Upper
129	100		
127	79.5	50.5	93.7

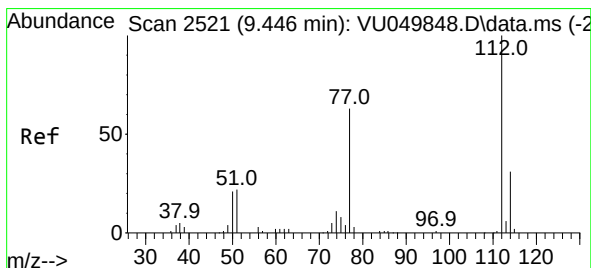
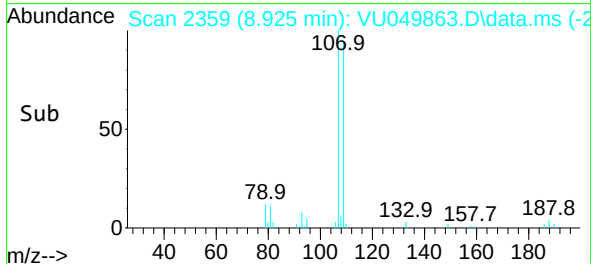
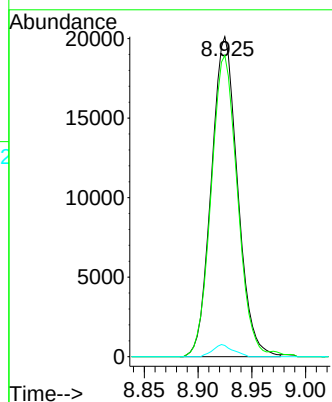
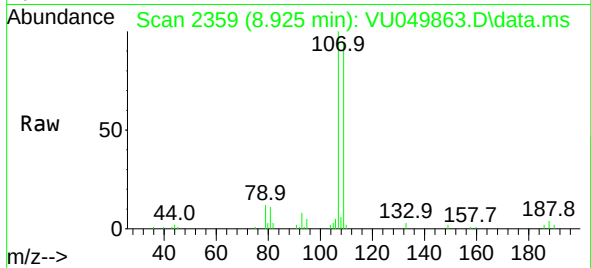




#50
1,2-Dibromoethane
Concen: 5.425 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

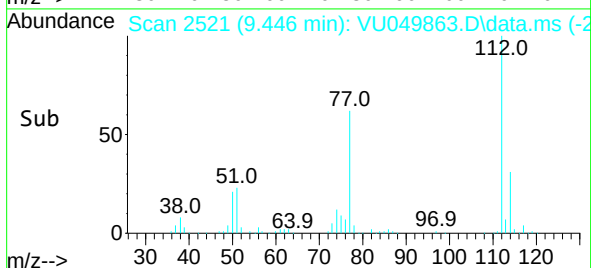
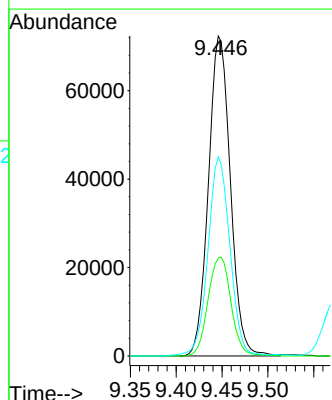
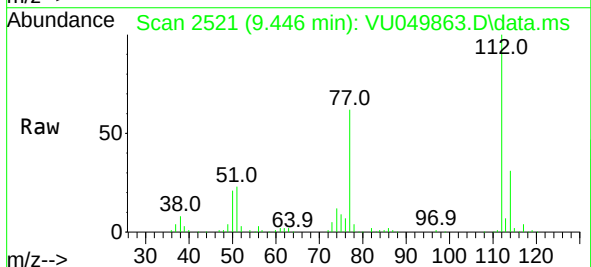
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

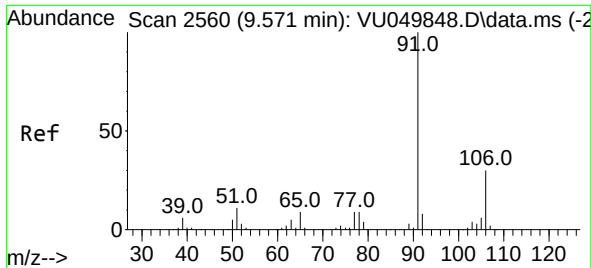
Tgt Ion:	107	Resp:	34179
Ion	Ratio	Lower	Upper
107	100		
109	94.2	65.6	121.8
188	3.5	2.8	4.2



#51
Chlorobenzene
Concen: 5.444 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Tgt Ion:	112	Resp:	120571
Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.4	41.6
77	62.2	51.2	76.8





#52

Ethylbenzene

Concen: 5.597 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

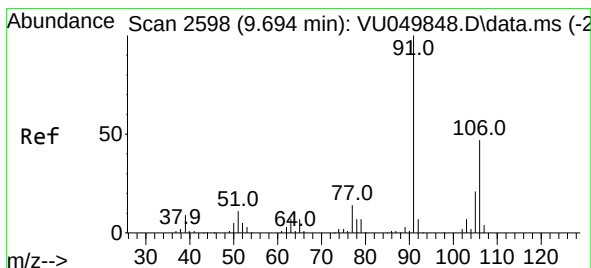
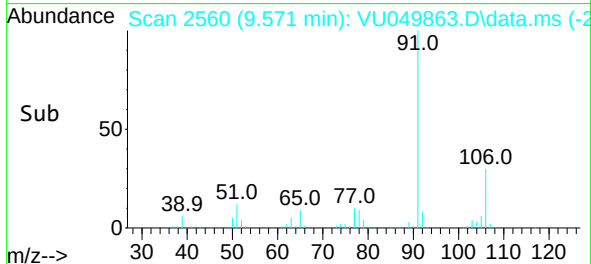
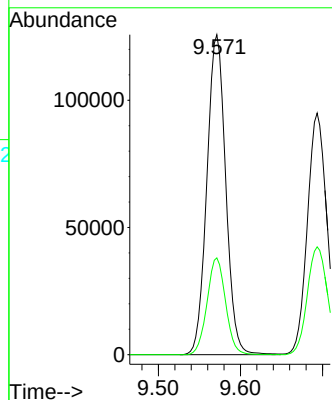
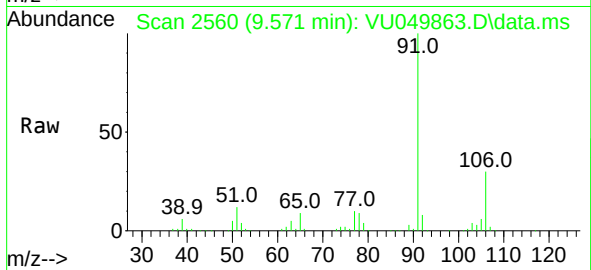
VSTD005127

Tgt Ion: 91 Resp: 200760

Ion Ratio Lower Upper

91 100

106 30.2 20.6 38.4



#53

m,p-Xylene

Concen: 5.525 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU049863.D

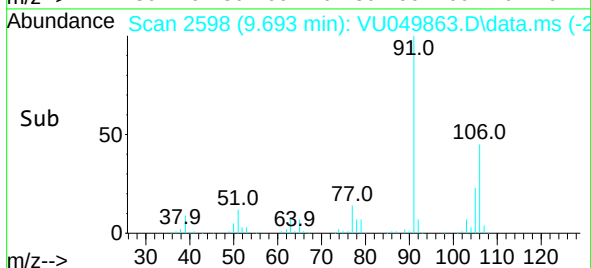
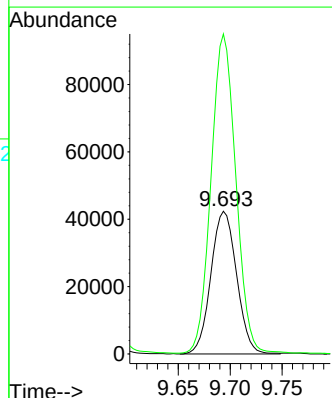
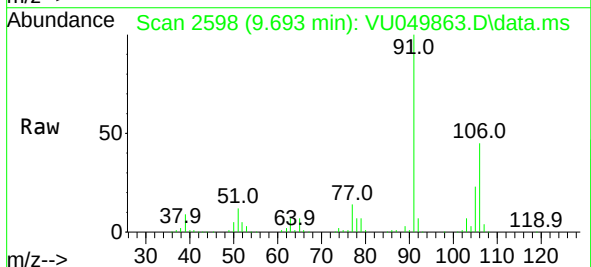
Acq: 22 Jul 2022 20:41

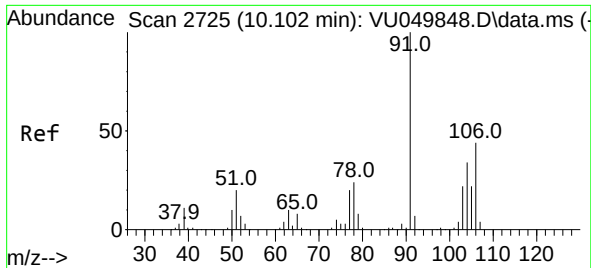
Tgt Ion: 106 Resp: 72909

Ion Ratio Lower Upper

106 100

91 224.2 149.7 277.9

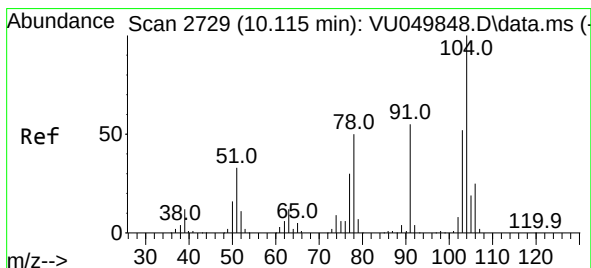
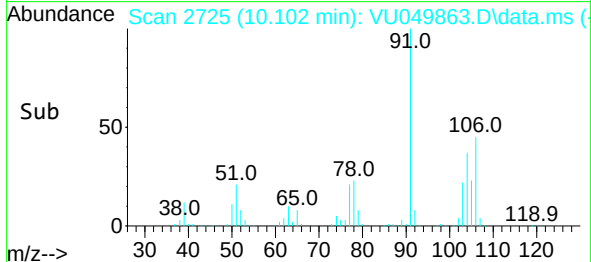
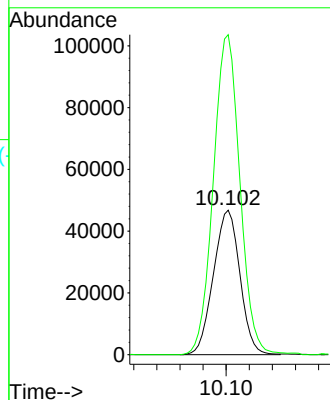
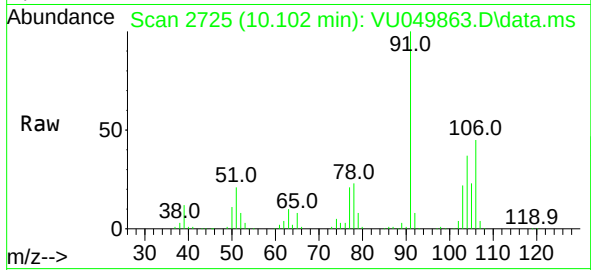




#54
o-Xylene
Concen: 5.712 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

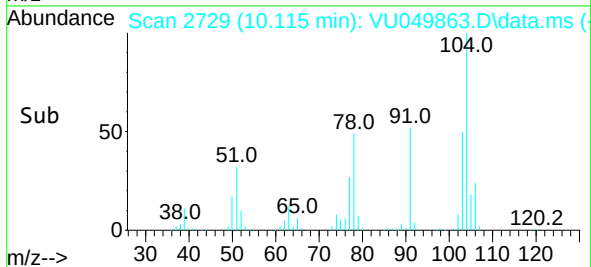
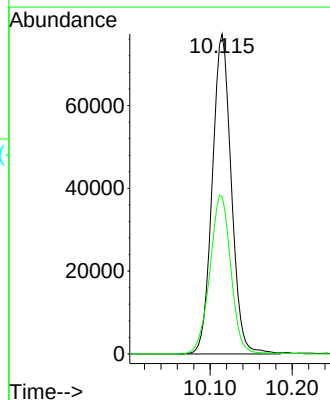
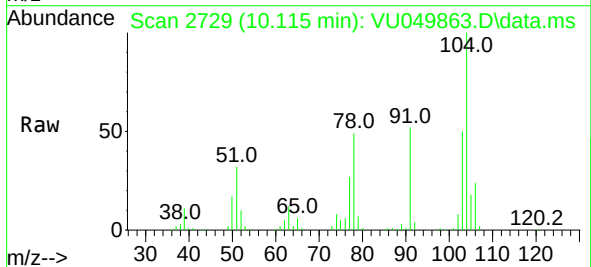
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

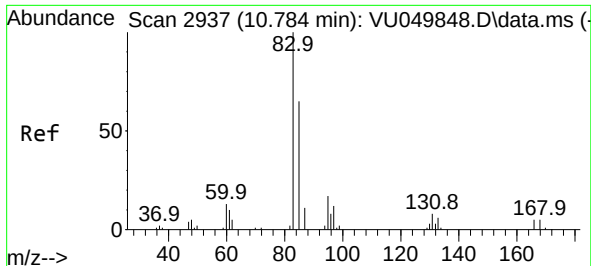
Tgt Ion:106 Resp: 74480
Ion Ratio Lower Upper
106 100
91 221.4 159.4 296.0



#55
Styrene
Concen: 5.636 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Tgt Ion:104 Resp: 124492
Ion Ratio Lower Upper
104 100
78 49.2 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.356 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005127

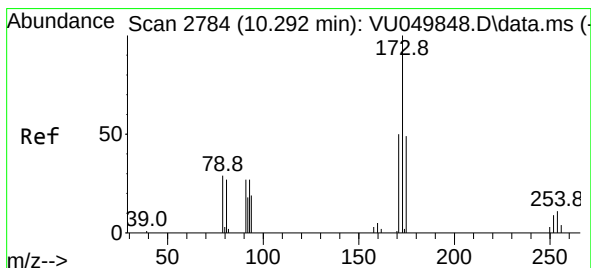
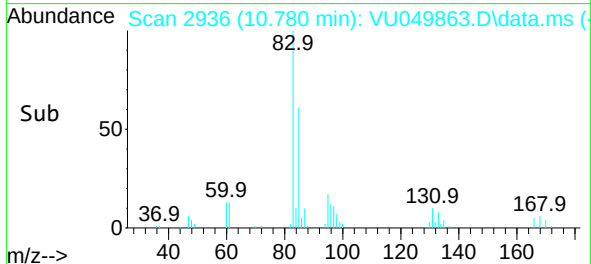
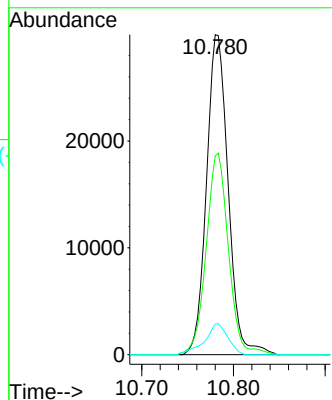
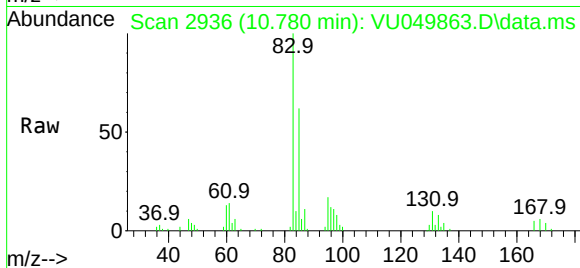
Tgt Ion: 83 Resp: 49082

Ion Ratio Lower Upper

83 100

85 62.1 47.9 89.1

131 9.5 7.3 10.9



#59

Bromoform

Concen: 5.652 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

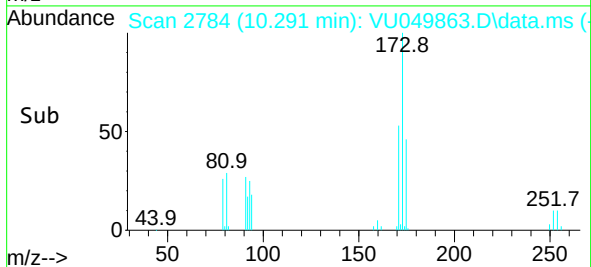
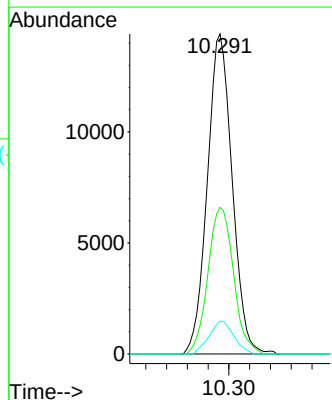
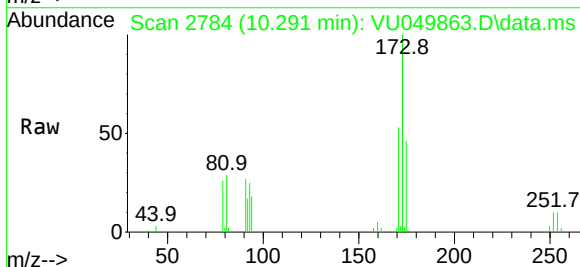
Tgt Ion:173 Resp: 23914

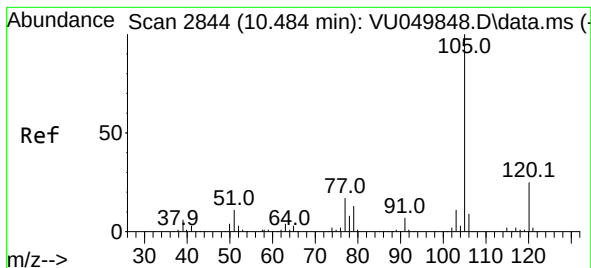
Ion Ratio Lower Upper

173 100

175 47.2 39.5 59.3

254 10.2 7.5 11.3





#60

Isopropylbenzene

Concen: 5.946 ug/L

RT: 10.484 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005127

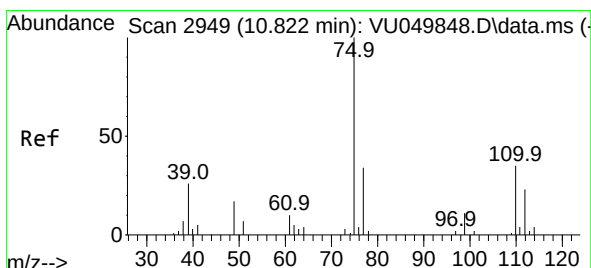
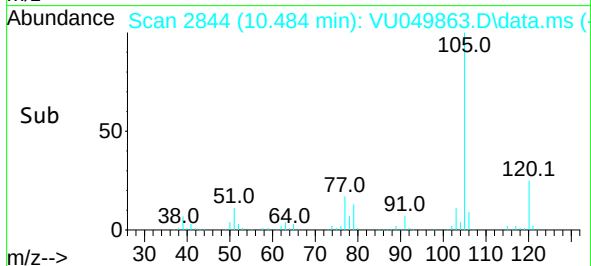
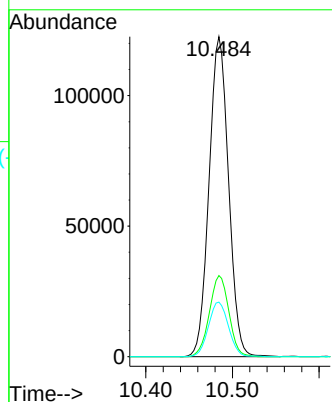
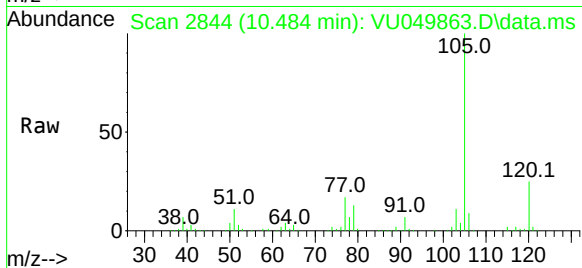
Tgt Ion:105 Resp: 191226

Ion Ratio Lower Upper

105 100

120 25.3 20.4 30.6

77 17.5 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 5.450 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

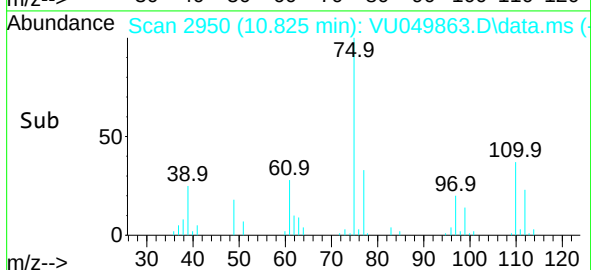
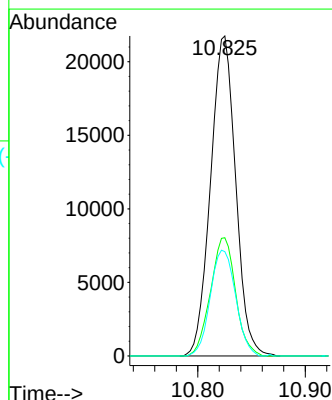
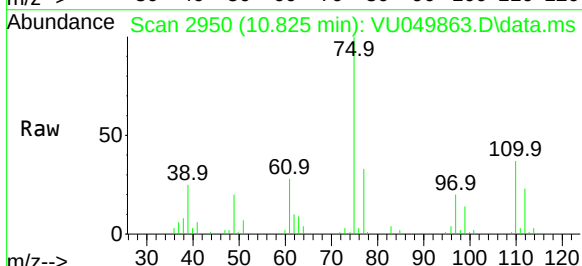
Tgt Ion: 75 Resp: 35299

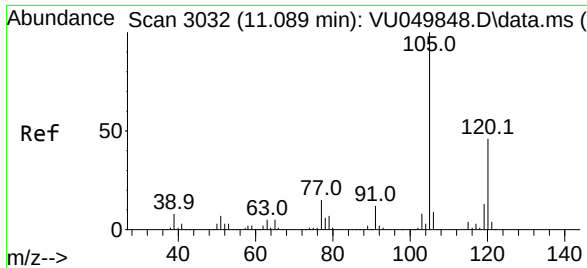
Ion Ratio Lower Upper

75 100

110 36.9 28.0 42.0

77 33.4 25.4 38.2

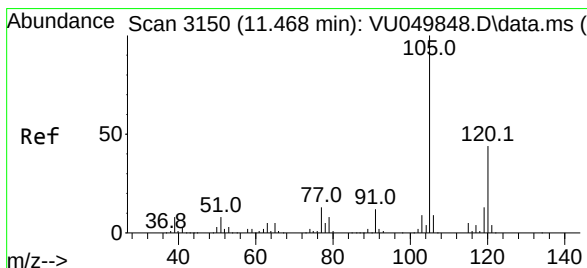
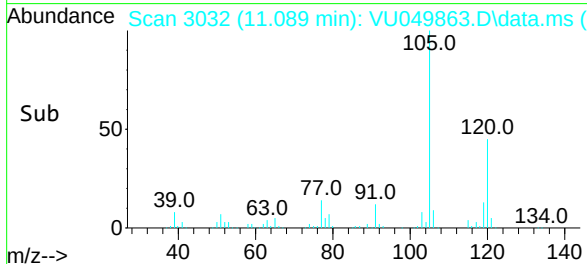
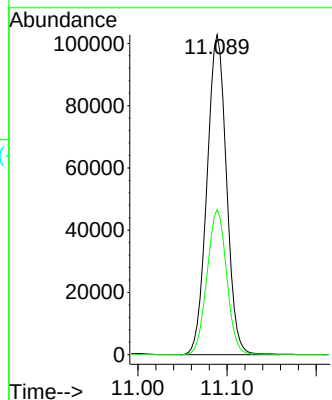
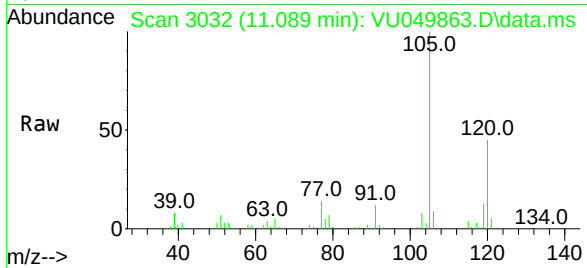




#62
 1,3,5-Trimethylbenzene
 Concen: 5.749 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU049863.D
 Acq: 22 Jul 2022 20:41

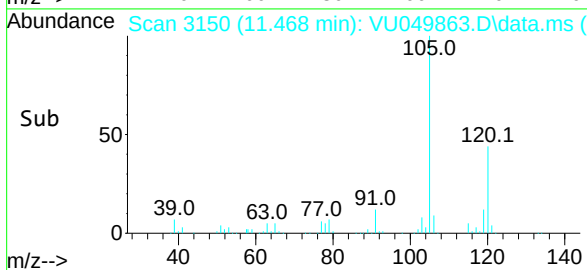
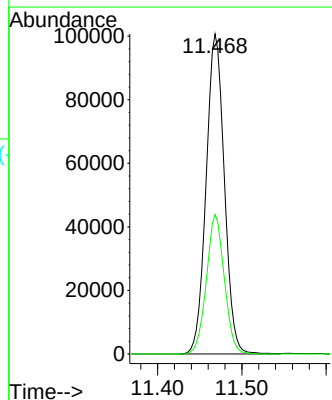
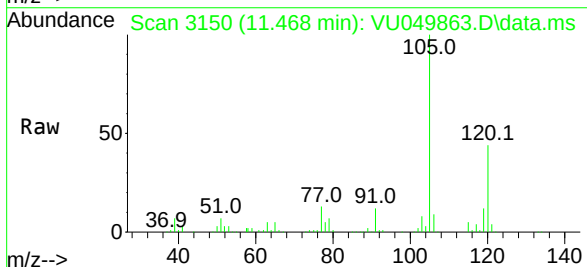
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005127

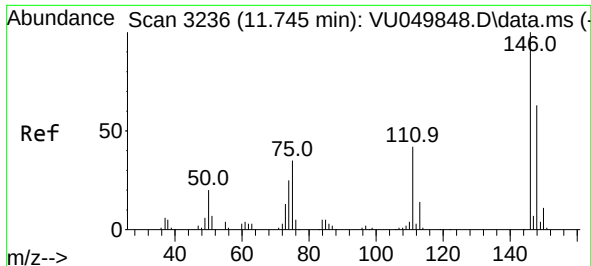
Tgt Ion:105 Resp: 156210
 Ion Ratio Lower Upper
 105 100
 120 45.6 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 5.743 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU049863.D
 Acq: 22 Jul 2022 20:41

Tgt Ion:105 Resp: 151467
 Ion Ratio Lower Upper
 105 100
 120 42.8 34.2 51.4

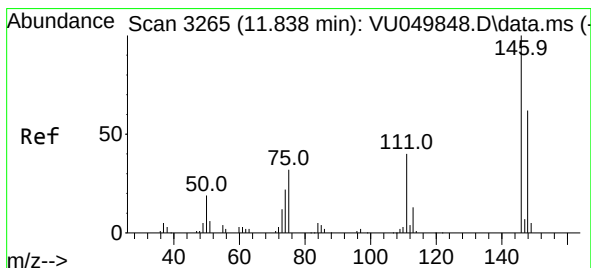
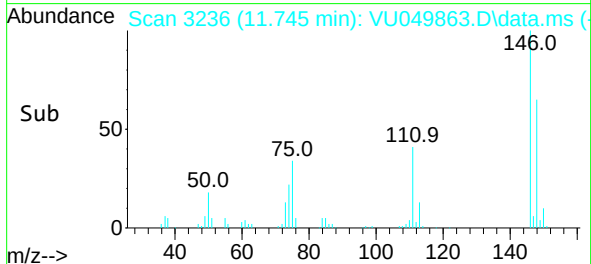
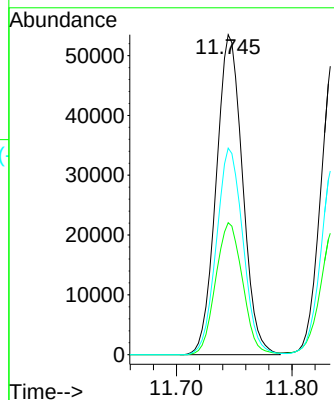
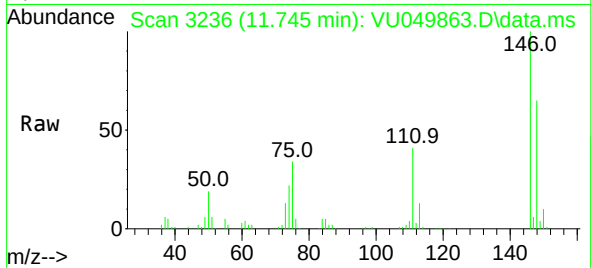




#64
1,3-Dichlorobenzene
Concen: 5.340 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

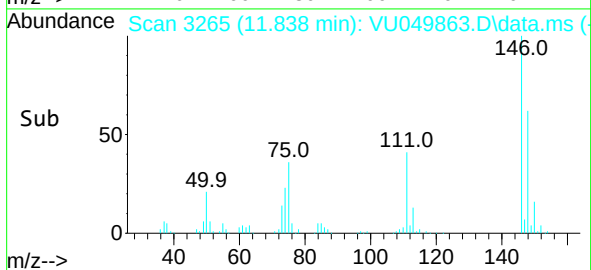
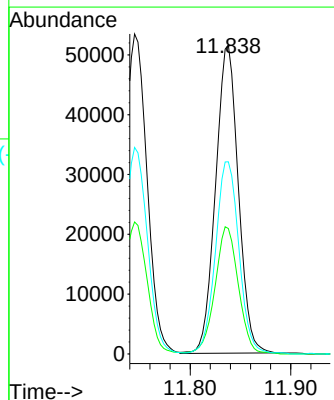
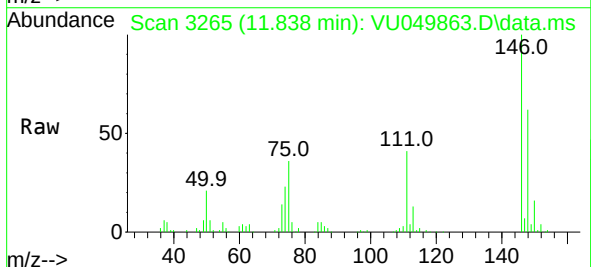
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

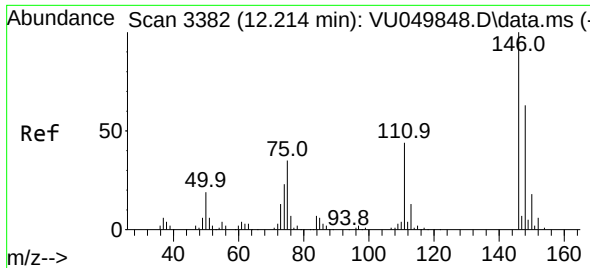
Tgt Ion:146 Resp: 84907
Ion Ratio Lower Upper
146 100
111 41.3 30.0 55.8
148 64.5 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.154 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Tgt Ion:146 Resp: 81075
Ion Ratio Lower Upper
146 100
111 40.6 29.5 54.7
148 62.2 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 5.330 ug/L

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005127

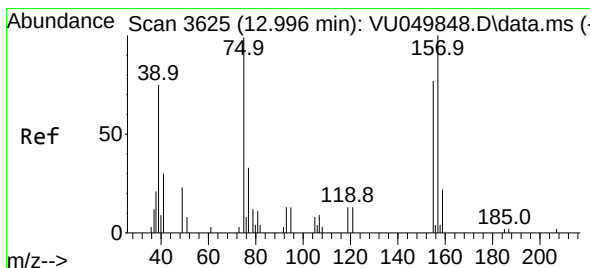
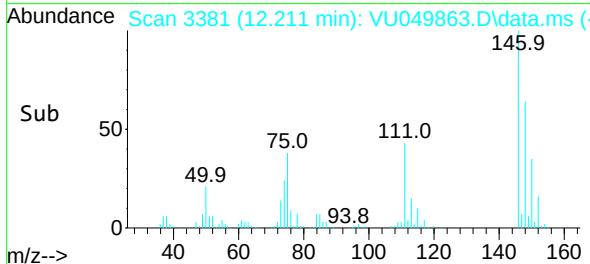
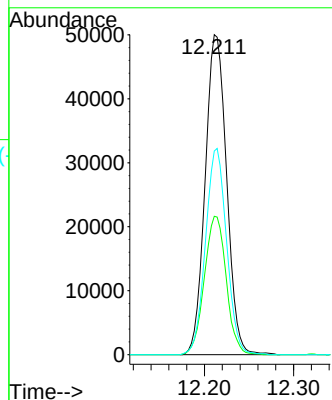
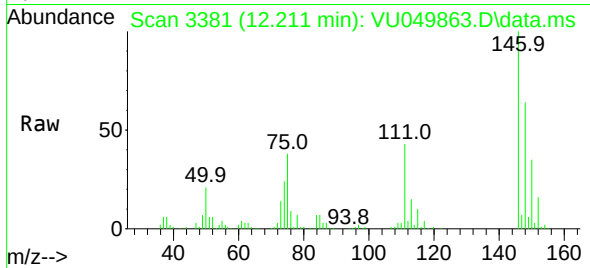
Tgt Ion:146 Resp: 83719

Ion Ratio Lower Upper

146 100

111 43.2 35.8 53.8

148 63.7 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.444 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

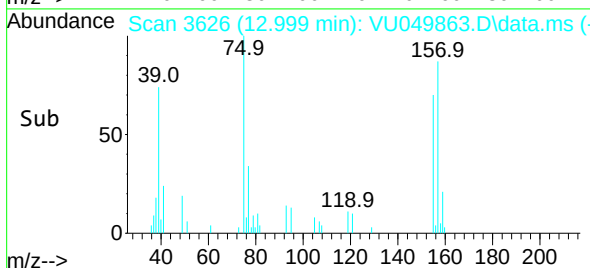
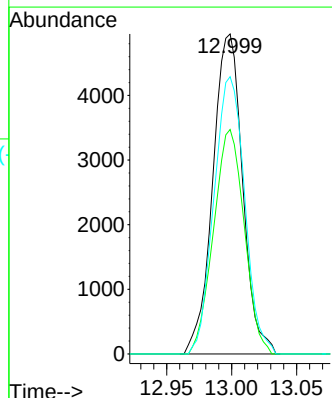
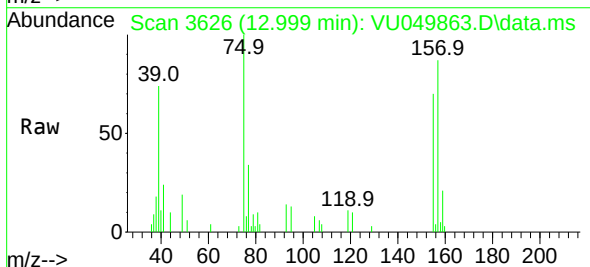
Tgt Ion: 75 Resp: 7888

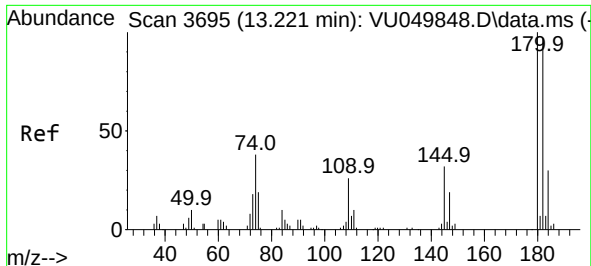
Ion Ratio Lower Upper

75 100

155 70.2 60.4 90.6

157 86.6 70.0 105.0





#69

1,3,5-Trichlorobenzene

Concen: 5.030 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005127

Tgt Ion:180 Resp: 59050

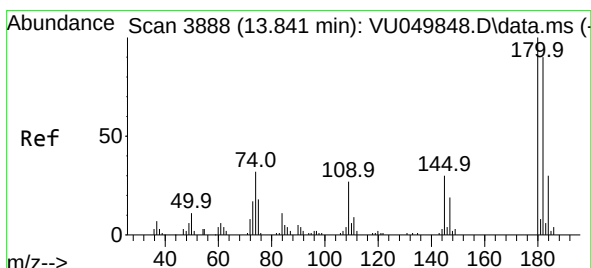
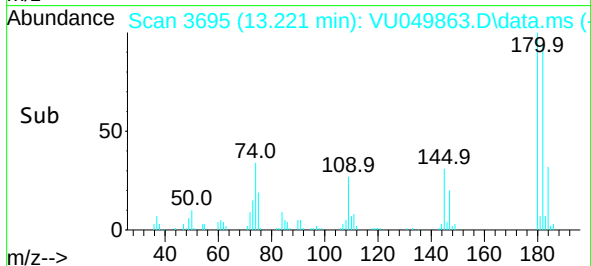
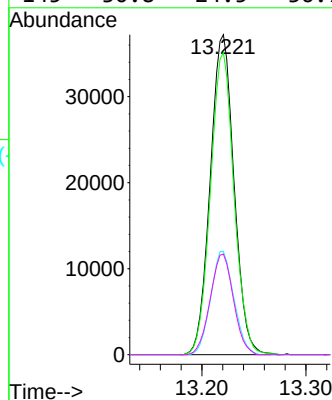
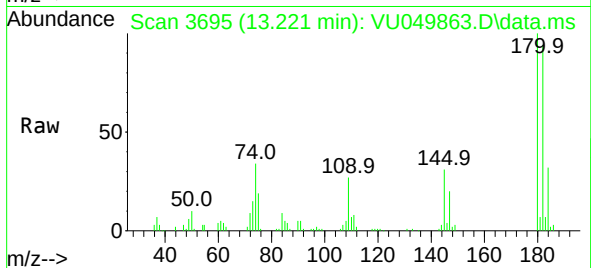
Ion Ratio Lower Upper

180 100

182 93.6 77.2 115.8

184 31.5 25.3 37.9

145 30.8 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.630 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU049863.D

Acq: 22 Jul 2022 20:41

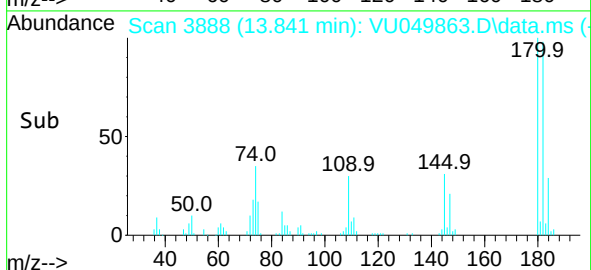
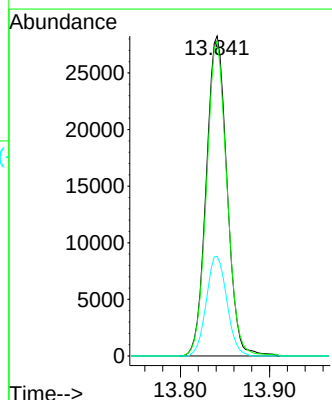
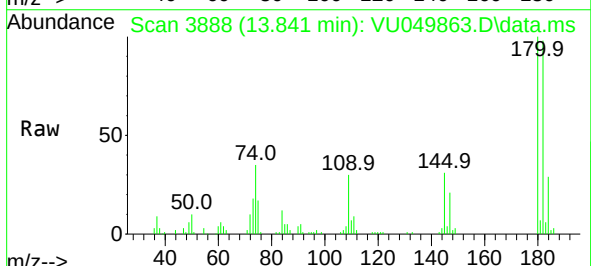
Tgt Ion:180 Resp: 45639

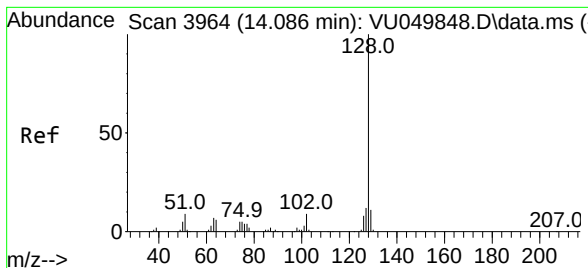
Ion Ratio Lower Upper

180 100

182 96.8 77.0 115.4

145 30.9 26.1 39.1

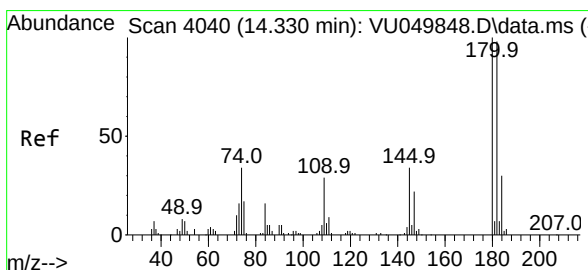
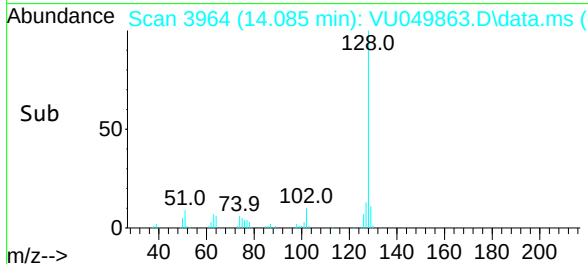
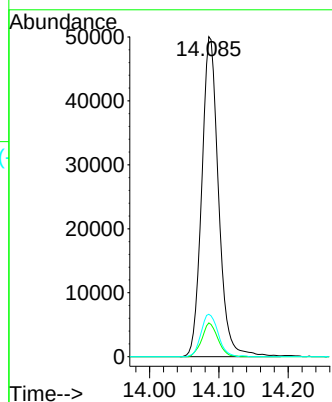
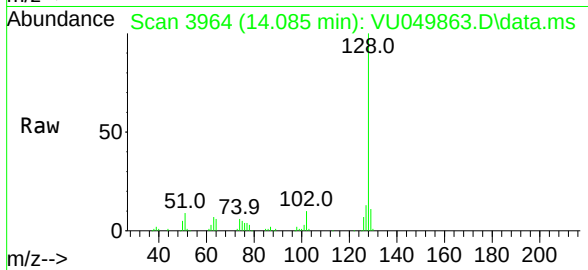




#71
Naphthalene
Concen: 4.386 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

Tgt Ion:128	Resp:	84284
Ion Ratio	Lower	Upper
128	100	
129	10.0	8.2 12.4
127	13.5	11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 4.812 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049863.D
Acq: 22 Jul 2022 20:41

Tgt Ion:180	Resp:	45581
Ion Ratio	Lower	Upper
180	100	
182	93.8	73.9 110.9
145	34.0	27.8 41.6

