

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049037.D
 Acq On : 11 Jun 2022 07:33
 Operator : SY/MD
 Sample : N3248-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY7

Quant Time: Jun 11 07:59:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 11 04:33:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	561	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.420	117	789	50.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	1600	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	2856	826.384	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 1652.760%#		
7) Chloroethane-d5	2.083	69	7483	2948.907	ug/L	0.18
Spiked Amount 50.000	Range 70	- 130	Recovery	= 5897.820%#		
11) 1,1-Dichloroethene-d2	2.581	63	106078	16266.229	ug/L	0.02
Spiked Amount 50.000	Range 60	- 125	Recovery	= 32532.460%#		
21) 2-Butanone-d5	4.639	46	144	38.003	ug/L	0.02
Spiked Amount 100.000	Range 40	- 130	Recovery	= 38.000%#		
24) Chloroform-d	5.070	84	68	9.223	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 18.440%#		
26) 1,2-Dichloroethane-d4	5.707	65	435	91.072	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 182.140%#		
32) Benzene-d6	5.723	84	80	4.089	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 8.180%#		
36) 1,2-Dichloropropane-d6	6.764	67	2561	389.381	ug/L	0.07
Spiked Amount 50.000	Range 70	- 120	Recovery	= 778.760%#		
41) Toluene-d8	7.890	98	524	30.369	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 60.740%#		
43) trans-1,3-Dichloroprop...	8.185	79	74	23.916	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 47.840%#		
47) 2-Hexanone-d5	8.404	63	1860	540.339	ug/L	-0.23
Spiked Amount 100.000	Range 45	- 130	Recovery	= 540.340%#		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	427	38.871	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 77.740%		
66) 1,2-Dichlorobenzene-d4	11.816	152	1420	51.007	ug/L	-0.38
Spiked Amount 50.000	Range 80	- 120	Recovery	= 102.020%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.527	50	538	103.099	ug/L	# 82
5) Vinyl chloride	1.604	62	376198	76048.074	ug/L	100
8) Chloroethane	1.935	64	52941	19161.135	ug/L	99
9) Trichlorofluoromethane	2.141	101	11941	1715.098	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	390	98.680	ug/L	# 19
12) 1,1-Dichloroethene	2.662	96	42	12.140	ug/L	87
13) Acetone	2.626	43	5489	1840.922	ug/L	93
14) Carbon disulfide	2.787	76	142	16.141	ug/L	# 75
15) Methyl Acetate	3.028	43	125	21.137	ug/L	# 52
16) Methylene chloride	3.047	84	4164	924.284	ug/L	87
17) trans-1,2-Dichloroethene	3.356	96	92384	24287.146	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	444	31.202	ug/L	# 64
19) 1,1-Dichloroethane	3.871	63	7446555	908710.401	ug/L	100
20) cis-1,2-Dichloroethene	4.668	96	15688840	3390165.271	ug/L	92
22) 2-Butanone	4.877	43	165	36.010	ug/L	98
25) Chloroform	5.092	83	7339	859.347	ug/L	98
27) 1,2-Dichloroethane	5.793	62	84752	12190.802	ug/L	98
29) Cyclohexane	5.388	56	4859	550.288	ug/L	# 91
30) 1,1,1-Trichloroethane	5.321	97	6561299	596306.739	ug/L	98

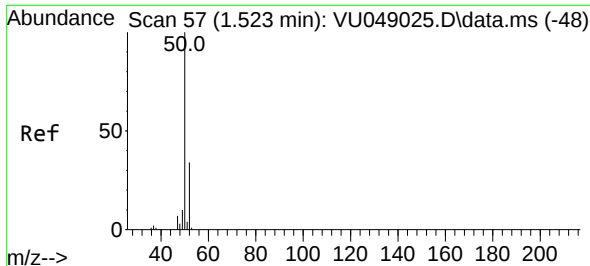
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	5.317	117	812041	84383.702	ug/L	100
33) Benzene	5.774	78	64327	2516.538	ug/L	100
34) Trichloroethene	6.542	95	30587	4747.109	ug/L	97
35) Methylcyclohexane	6.758	83	18591	2067.081	ug/L	96
37) 1,2-Dichloropropane	6.768	63	48	6.659	ug/L #	88
40) 4-Methyl-2-pentanone	7.790	43	70073	5770.141	ug/L	98
42) Toluene	7.970	91	959486	36315.918	ug/L	100
44) trans-1,3-Dichloropropene	7.970	75	7032	669.552	ug/L #	1
45) 1,1,2-Trichloroethane	8.401	97	10277	1471.346	ug/L	89
46) Tetrachloroethene	8.552	164	21399	4283.808	ug/L	93
48) 2-Hexanone	8.687	43	3007	304.580	ug/L #	90
49) Dibromochloromethane	8.555	129	19475	2504.202	ug/L #	11
51) Chlorobenzene	9.443	112	79	4.423	ug/L #	50
52) Ethylbenzene	9.571	91	634096	22073.702	ug/L	97
53) m,p-Xylene	9.690	106	615325	54546.104	ug/L	98
54) o-Xylene	10.099	106	449946	39588.307	ug/L	99
55) Styrene	10.099	104	22984	1210.952	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.783	83	1349	103.637	ug/L #	89
60) 1,2,3-Trichloropropane	10.906	75	3559	87.694	ug/L #	1
61) Isopropylbenzene	10.484	105	126243	1161.582	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	934524	10071.708	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	4081253	55247.631	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	101	1.894	ug/L #	24
65) 1,4-Dichlorobenzene	11.841	146	571	10.578	ug/L	84
67) 1,2-Dichlorobenzene	12.211	146	10198	184.324	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.025	75	1725	128.779	ug/L #	6
69) 1,3,5-Trichlorobenzene	13.841	180	185	4.857	ug/L #	1
70) 1,2,4-trichlorobenzene	13.841	180	185	5.744	ug/L #	1
71) Naphthalene	14.086	128	231434	2031.154	ug/L	100
72) 1,2,3-Trichlorobenzene	14.340	180	136	3.992	ug/L #	1

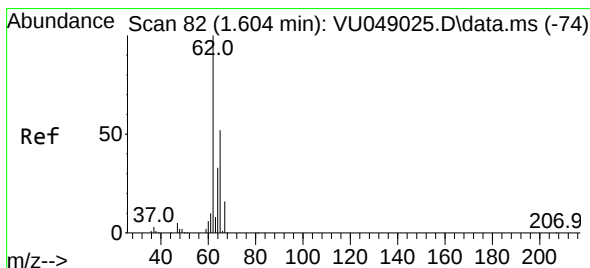
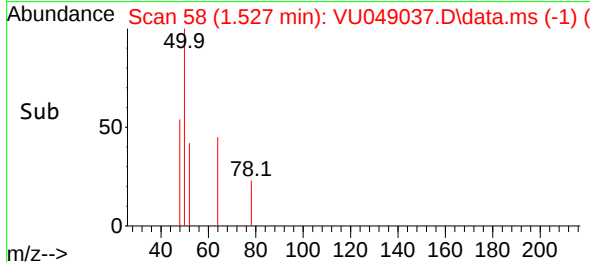
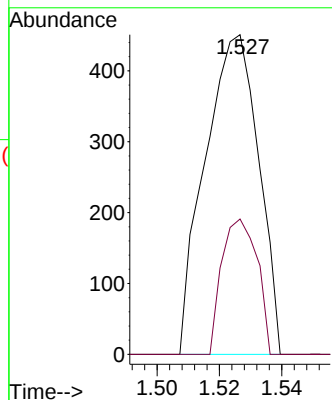
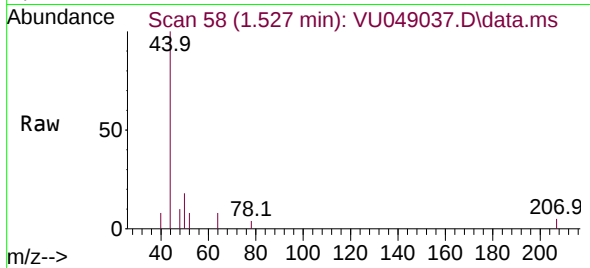
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#3
Chloromethane
Concen: 103.099 ug/L
RT: 1.527 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

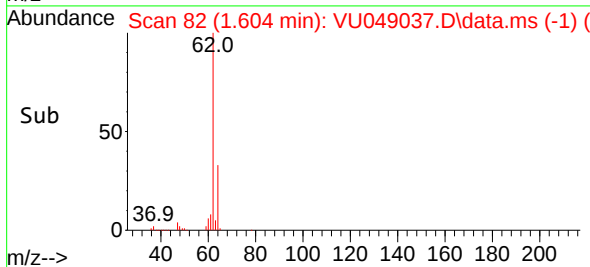
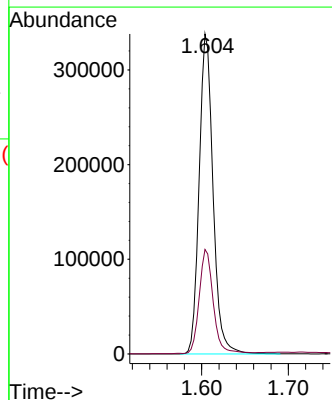
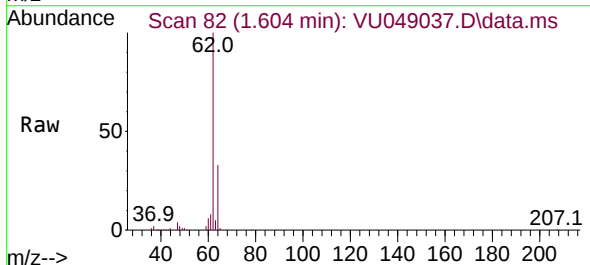
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MSVOA_U
ClientSampleId :
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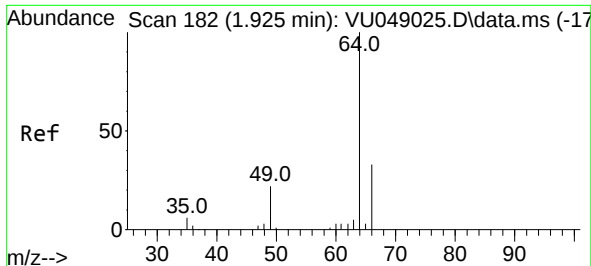
Tgt Ion: 50 Resp: 538
Ion Ratio Lower Upper
50 100
52 42.4 22.7 42.1#



#5
Vinyl chloride
Concen: 76048.074 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

Tgt Ion: 62 Resp: 376198
Ion Ratio Lower Upper
62 100
64 32.7 22.7 42.3





#8

Chloroethane

Concen: 19161.135 ug/L

RT: 1.935 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

Instrument :

MSVOA_U

ClientSampleId :

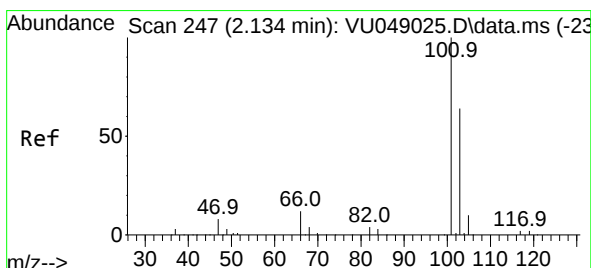
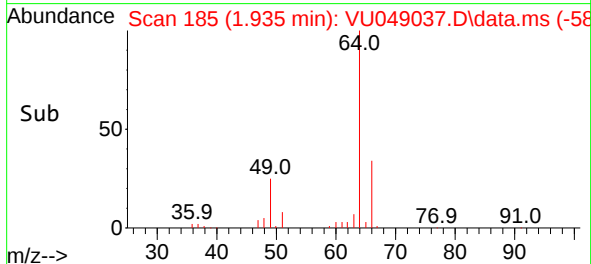
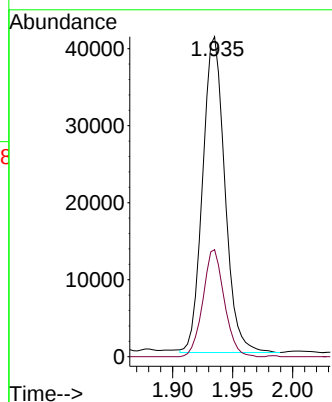
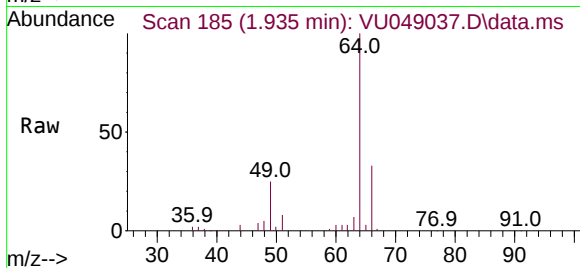
EXYY7

Tgt Ion: 64 Resp: 52941

Ion Ratio Lower Upper

64 100

66 33.4 23.7 43.9



#9

Trichlorofluoromethane

Concen: 1715.098 ug/L

RT: 2.141 min Scan# 249

Delta R.T. 0.007 min

Lab File: VU049037.D

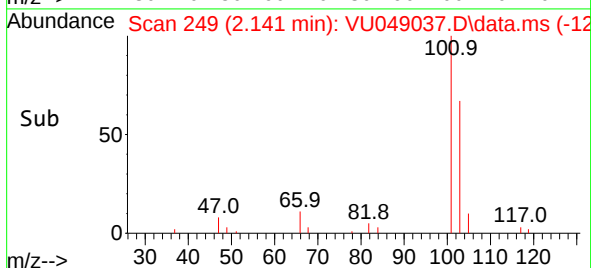
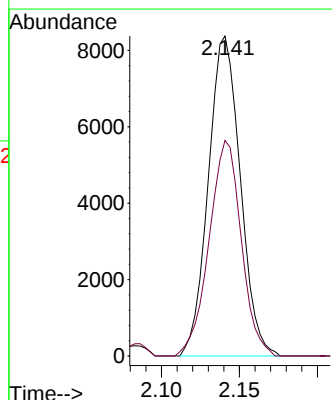
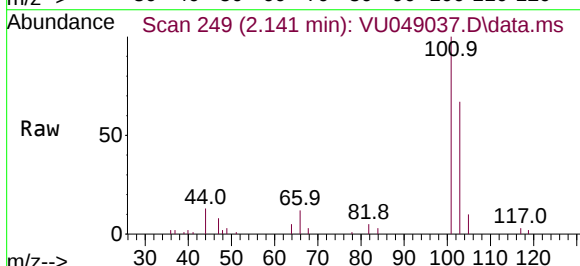
Acq: 11 Jun 2022 07:33

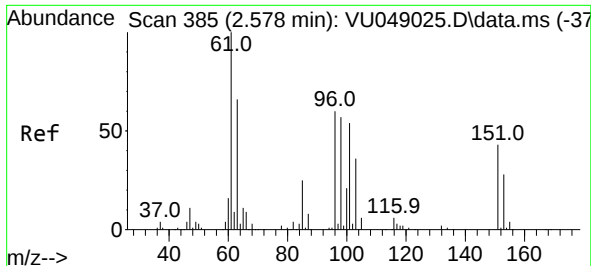
Tgt Ion:101 Resp: 11941

Ion Ratio Lower Upper

101 100

103 67.7 51.3 76.9





#10

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

Concen: 98.680 ug/L

RT: 2.584 min Scan# 3

Delta R.T. 0.007 min

Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

Instrument :

MSVOA_U

ClientSampleId :

EXYY7

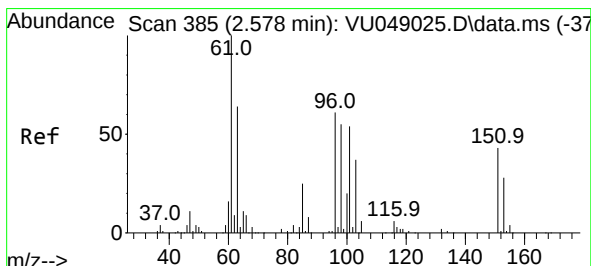
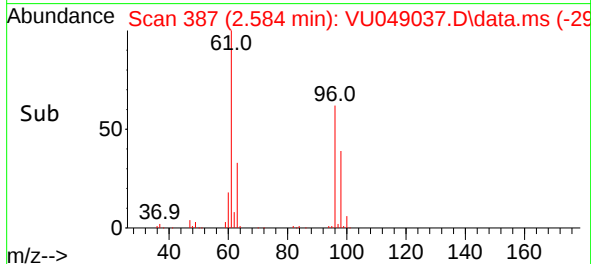
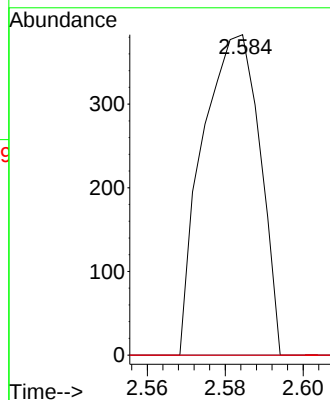
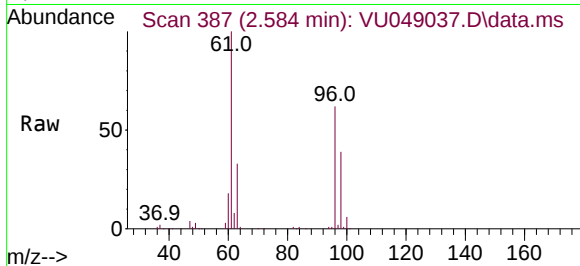
Tgt Ion:101 Resp: 390

Ion Ratio Lower Upper

101 100

85 0.0 35.2 52.8#

151 0.0 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 12.140 ug/L

RT: 2.662 min Scan# 411

Delta R.T. 0.084 min

Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

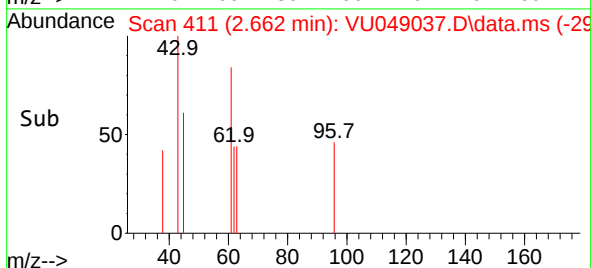
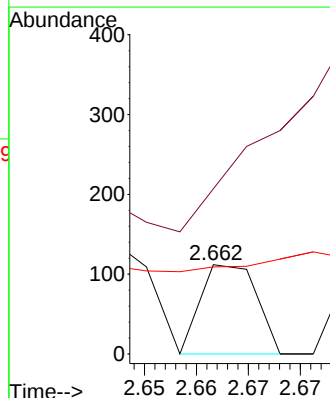
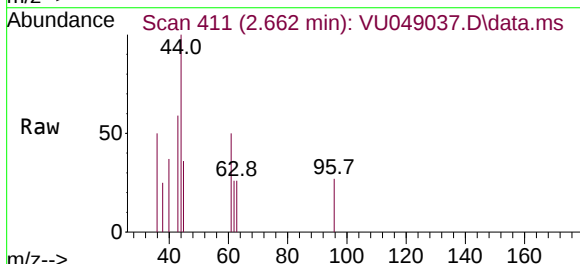
Tgt Ion: 96 Resp: 42

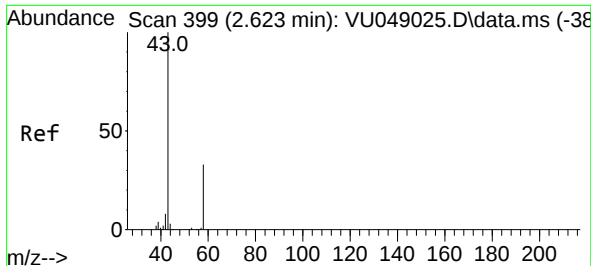
Ion Ratio Lower Upper

96 100

61 184.8 123.5 229.3

63 97.3 86.0 159.8





#13

Acetone

Concen: 1840.922 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

Instrument :

MSVOA_U

ClientSampleId :

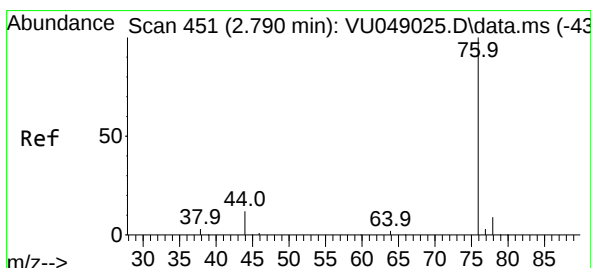
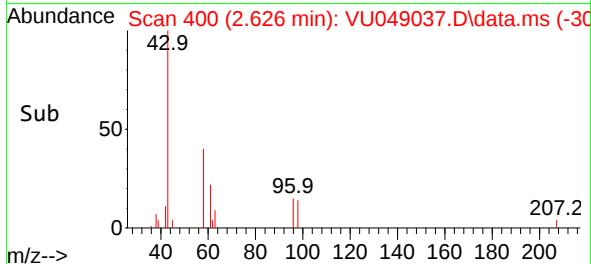
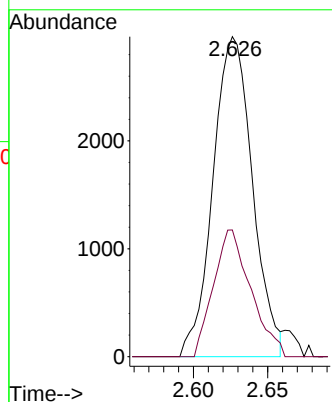
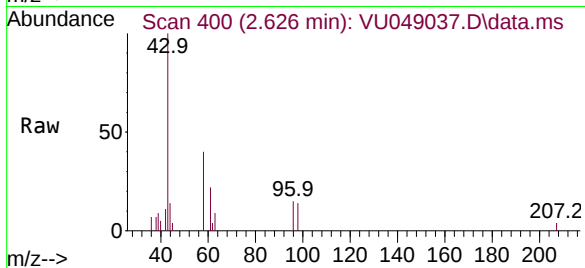
EXYY7

Tgt Ion: 43 Resp: 5489

Ion Ratio Lower Upper

43 100

58 37.4 0.0 66.4



#14

Carbon disulfide

Concen: 16.141 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU049037.D

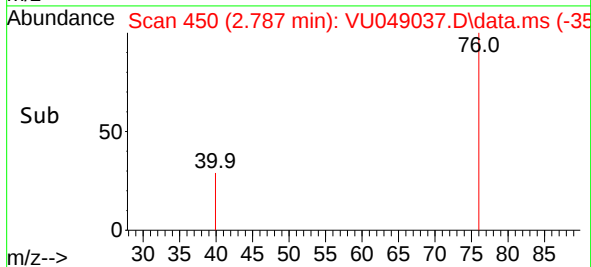
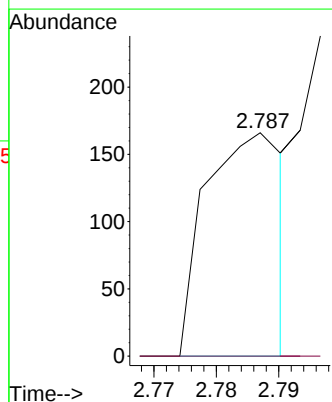
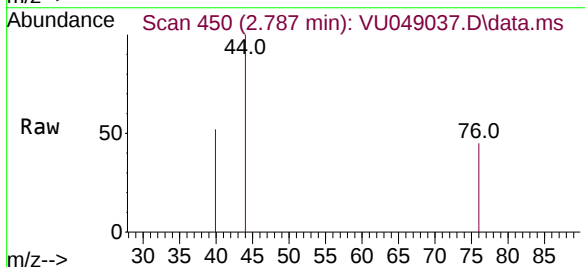
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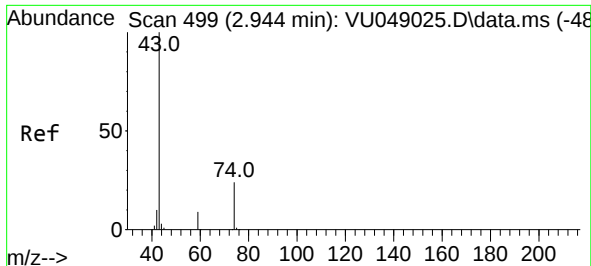
Tgt Ion: 76 Resp: 142

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

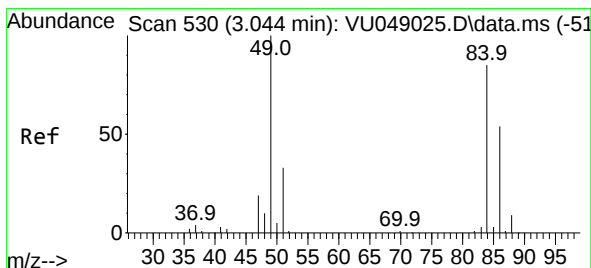
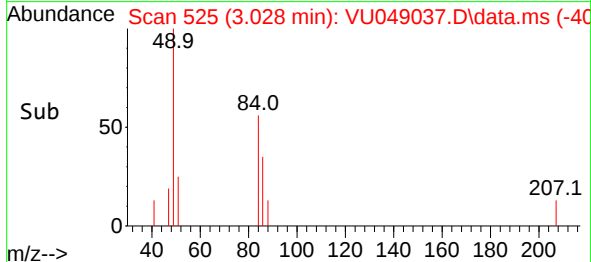
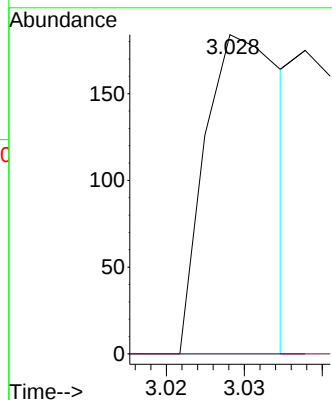
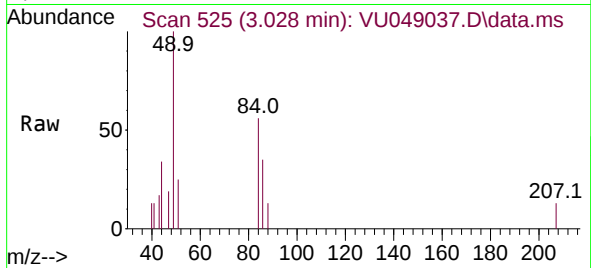




#15
Methyl Acetate
Concen: 21.137 ug/L
RT: 3.028 min Scan# 511
Delta R.T. 0.084 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

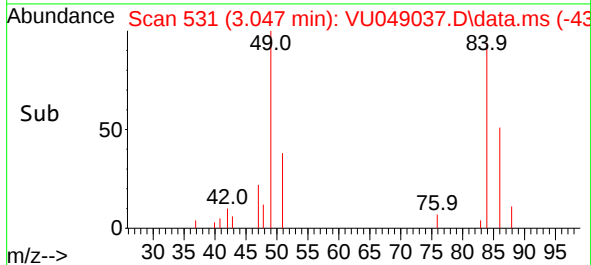
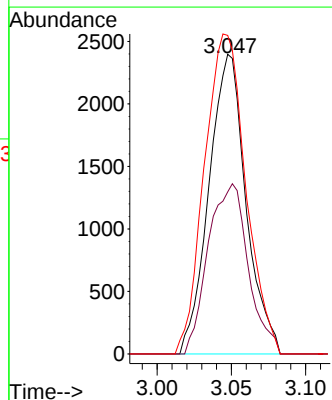
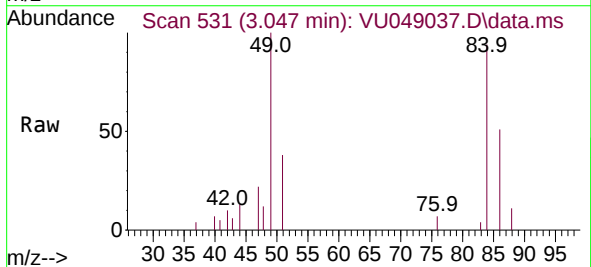
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EXYY7

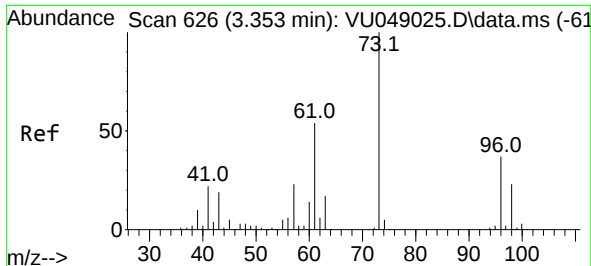
Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#16
Methylene chloride
Concen: 924.284 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

Tgt Ion: 84 Resp: 4164
Ion Ratio Lower Upper
84 100
86 54.1 45.8 85.0
49 106.3 83.4 155.0





#17

trans-1,2-Dichloroethene

Concen: 24287.146 ug/L

RT: 3.356 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

Instrument :

MSVOA_U

ClientSampleId :

EXYY7

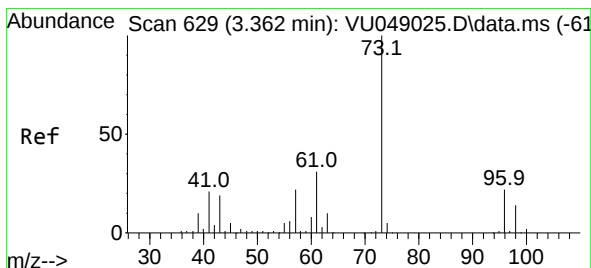
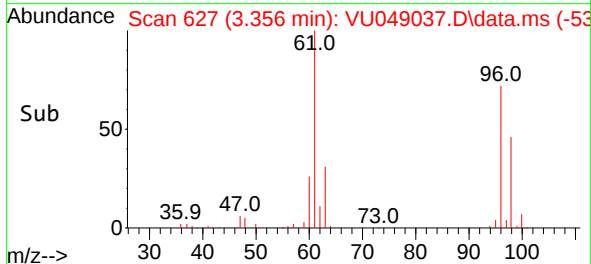
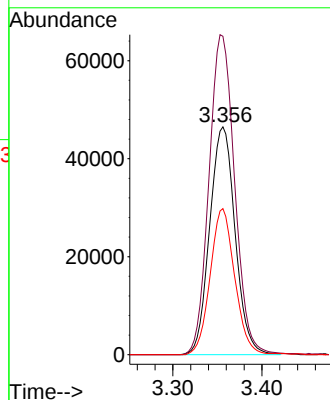
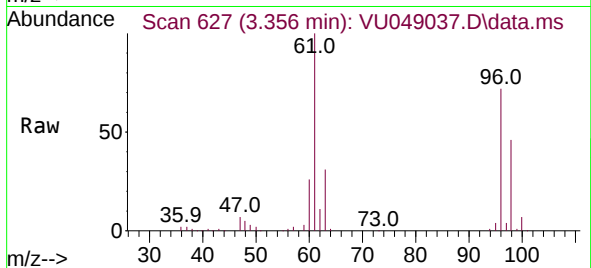
Tgt Ion: 96 Resp: 92384

Ion Ratio Lower Upper

96 100

61 139.8 99.3 184.3

98 64.1 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 31.202 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.003 min

Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

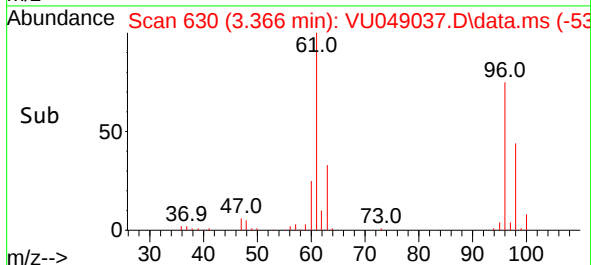
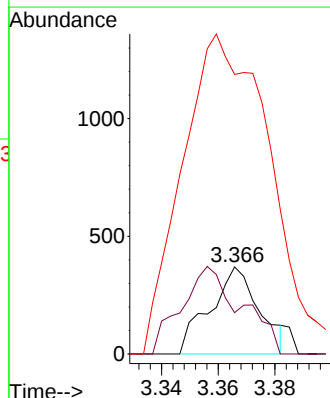
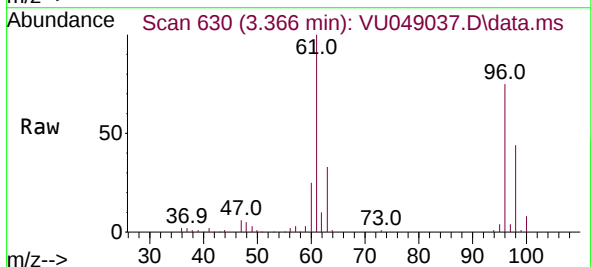
Tgt Ion: 73 Resp: 444

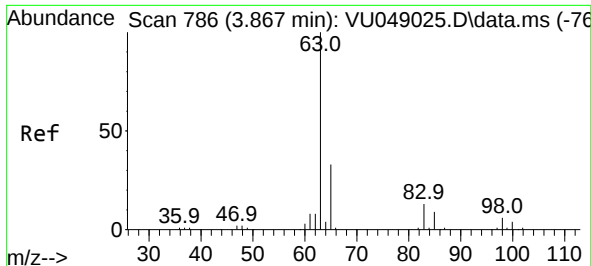
Ion Ratio Lower Upper

73 100

43 29.5 15.0 22.4#

57 0.0 17.3 25.9#





#19

1,1-Dichloroethane

Concen: 908710.401 ug/L

RT: 3.871 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

Instrument :

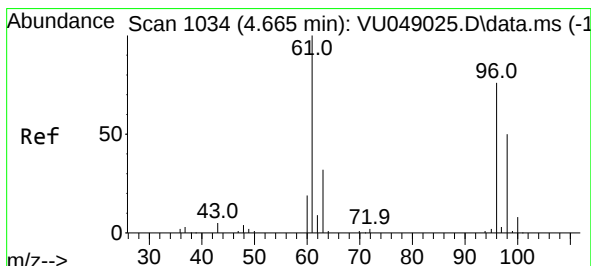
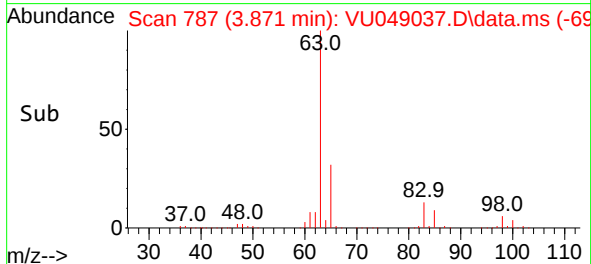
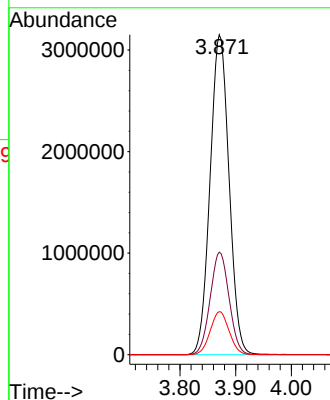
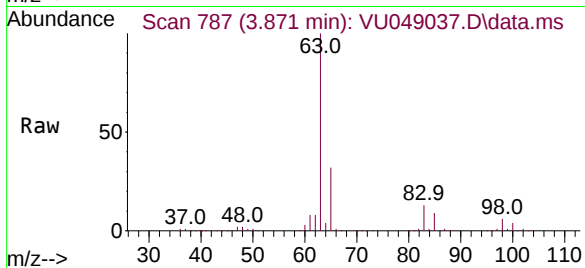
MSVOA_U

ClientSampleId :

EXYY7

Tgt Ion: 63 Resp: 7446555

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.3	41.5
83	13.5	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 3390165.271 ug/L

RT: 4.668 min Scan# 1035

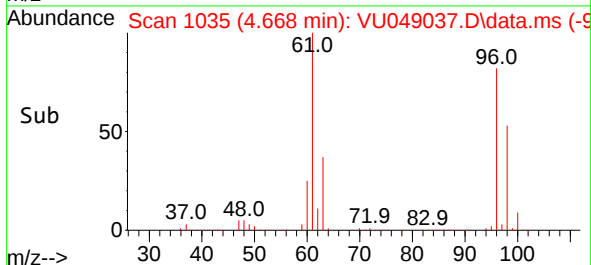
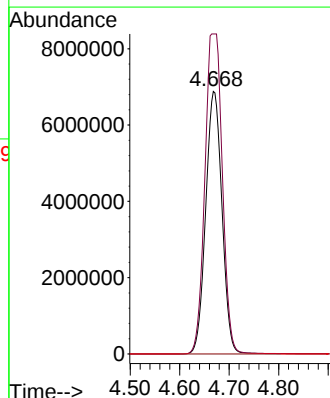
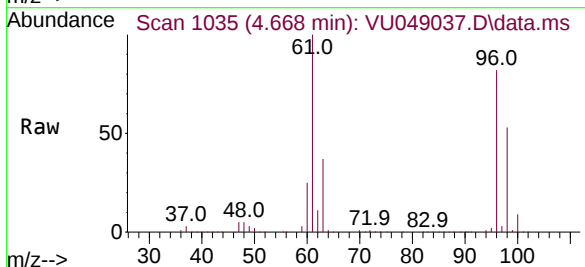
Delta R.T. 0.003 min

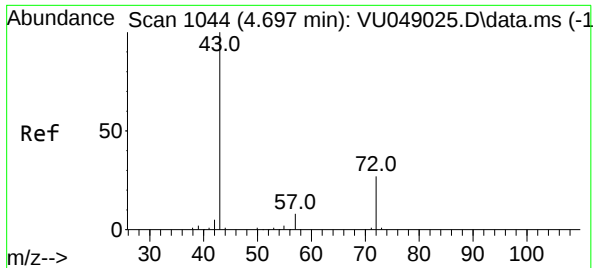
Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

Tgt Ion: 96 Resp:15688840

Ion	Ratio	Lower	Upper
96	100		
61	121.9	91.6	170.2
68	0.0	0.0	0.0

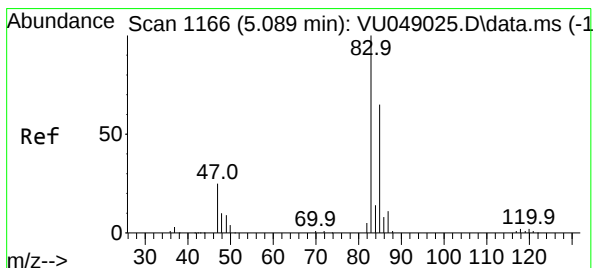
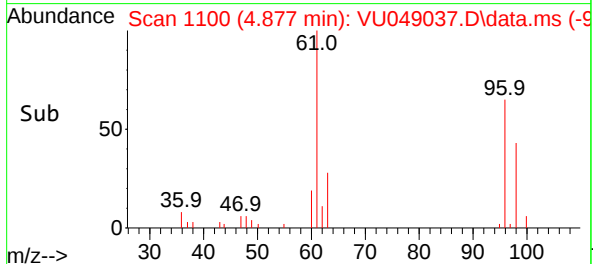
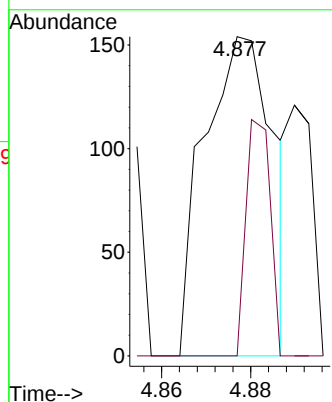
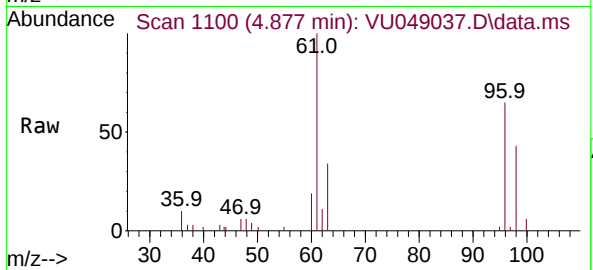




#22
2-Butanone
Concen: 36.010 ug/L
RT: 4.877 min Scan# 1100
Delta R.T. 0.180 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

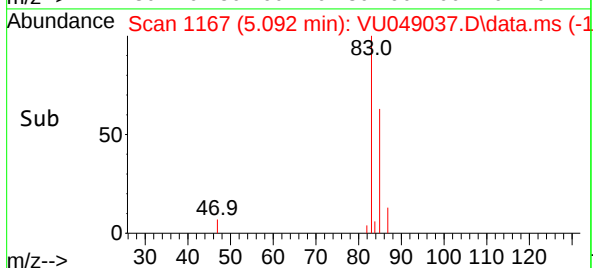
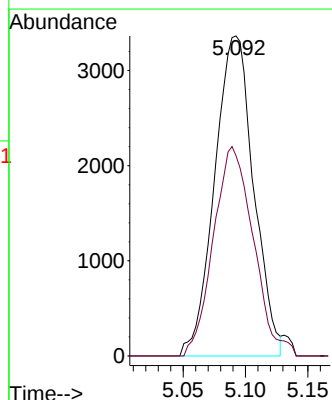
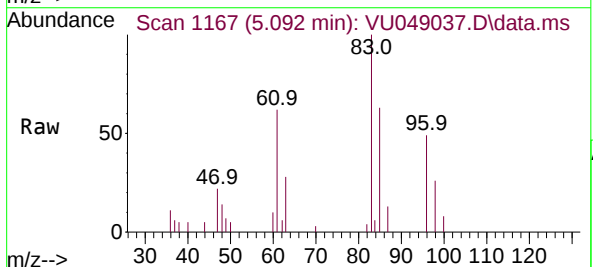
Instrument :
MSVOA_U
ClientSampleId :
EXYY7

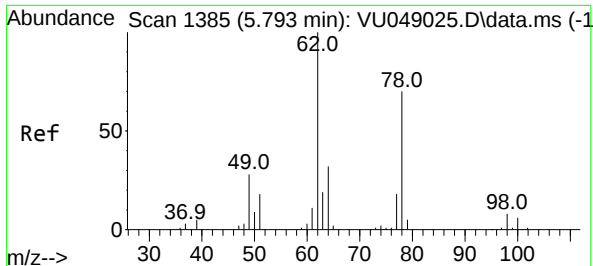
Tgt Ion: 43 Resp: 165
Ion Ratio Lower Upper
43 100
72 26.1 13.7 41.0



#25
Chloroform
Concen: 859.347 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.003 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

Tgt Ion: 83 Resp: 7339
Ion Ratio Lower Upper
83 100
85 62.5 45.1 83.9

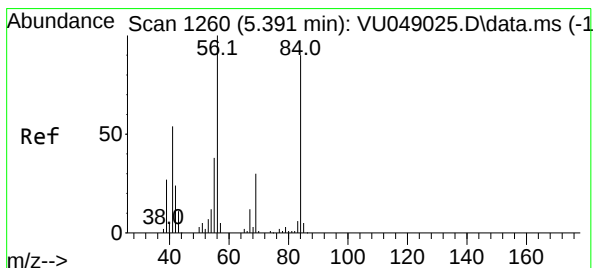
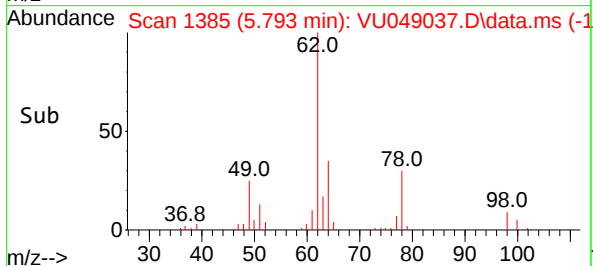
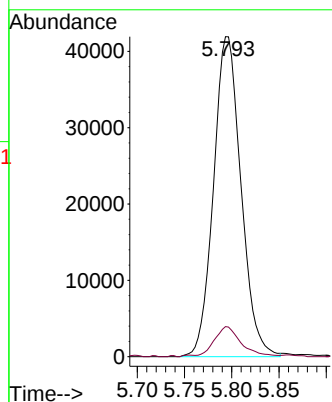
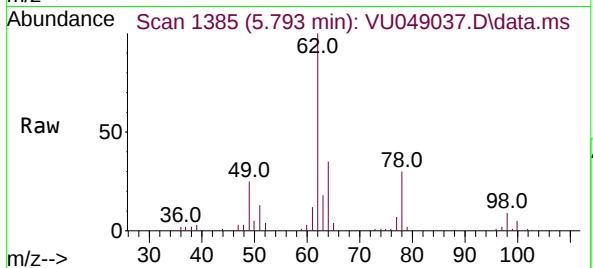




#27
1,2-Dichloroethane
Concen: 12190.802 ug/L
RT: 5.793 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

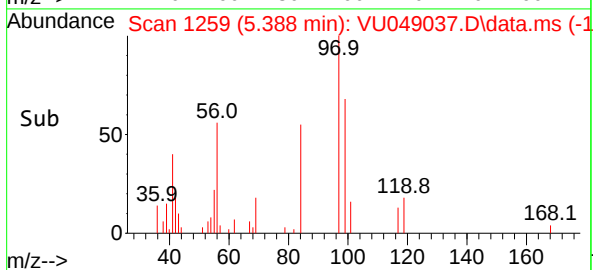
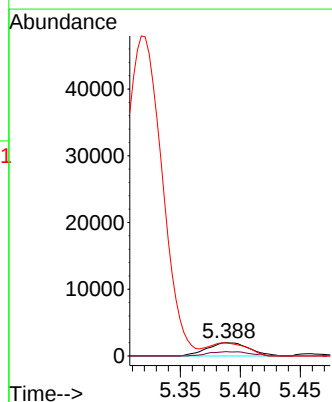
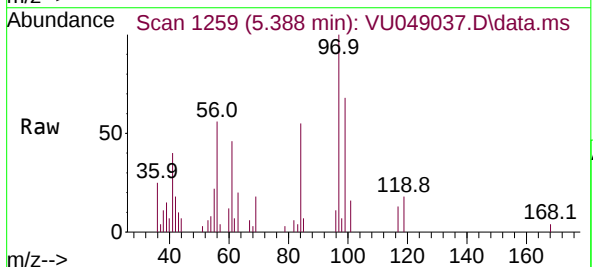
Instrument :
MSVOA_U
ClientSampleId :
EXYY7

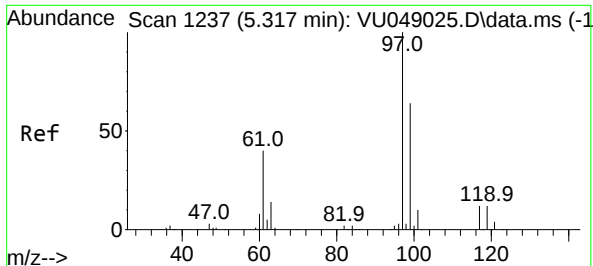
Tgt Ion: 62 Resp: 84752
Ion Ratio Lower Upper
62 100
98 9.4 7.0 10.4



#29
Cyclohexane
Concen: 550.288 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

Tgt Ion: 56 Resp: 4859
Ion Ratio Lower Upper
56 100
69 17.3 24.6 36.8#
84 90.5 69.7 104.5





#30

1,1,1-Trichloroethane

Concen: 596306.739 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

Instrument :

MSVOA_U

ClientSampleId :

EXYY7

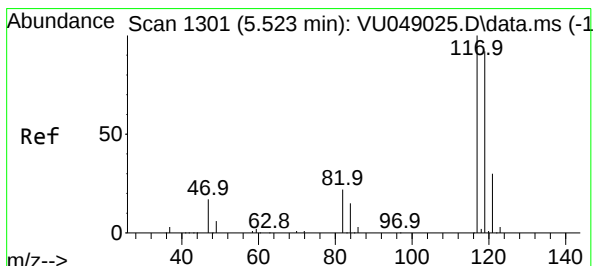
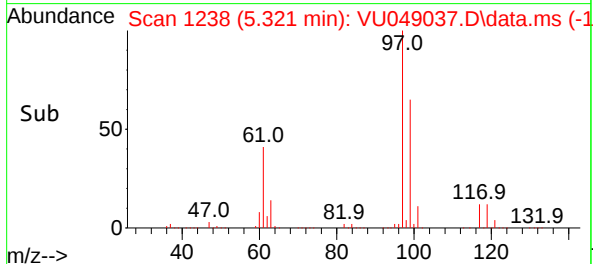
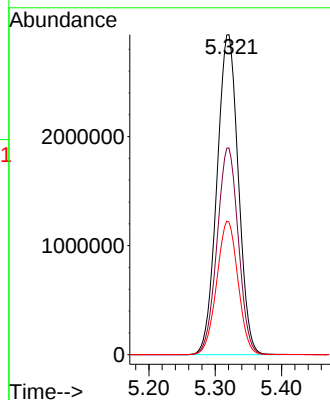
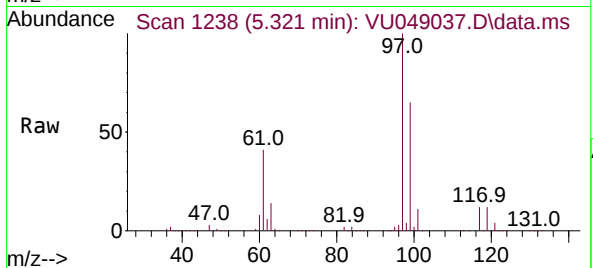
Tgt Ion: 97 Resp: 6561299

Ion Ratio Lower Upper

97 100

99 64.6 50.9 76.3

61 41.5 34.2 51.2



#31

Carbon tetrachloride

Concen: 84383.702 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.206 min

Lab File: VU049037.D

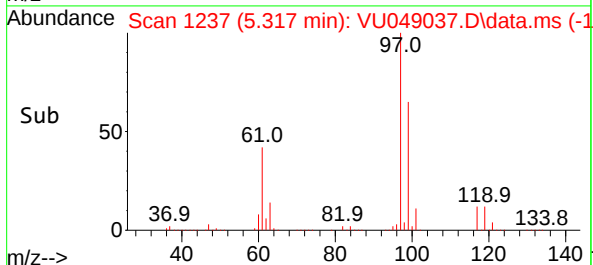
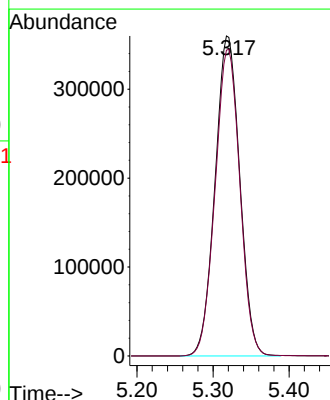
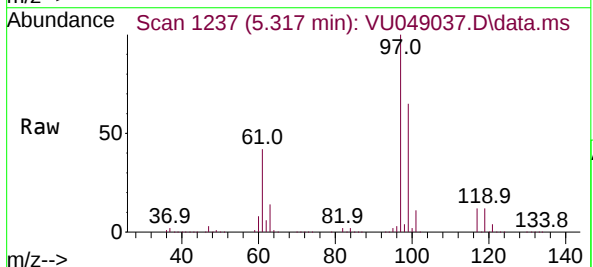
Acq: 11 Jun 2022 07:33

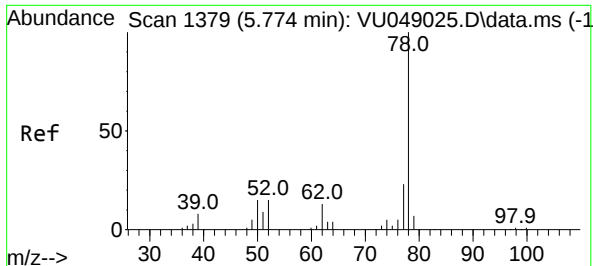
Tgt Ion: 117 Resp: 812041

Ion Ratio Lower Upper

117 100

119 95.9 76.5 114.7

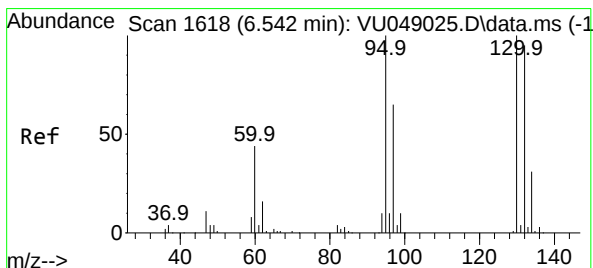
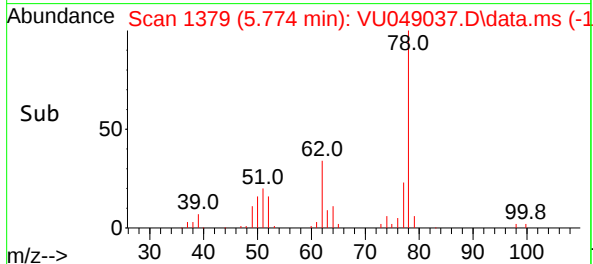
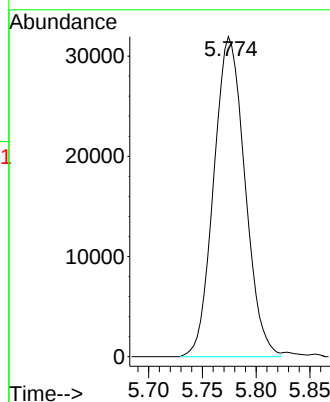
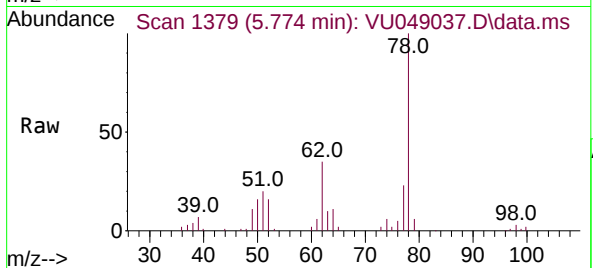




#33
Benzene
Concen: 2516.538 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

Instrument :
MSVOA_U
ClientSampleId :
EXYY7

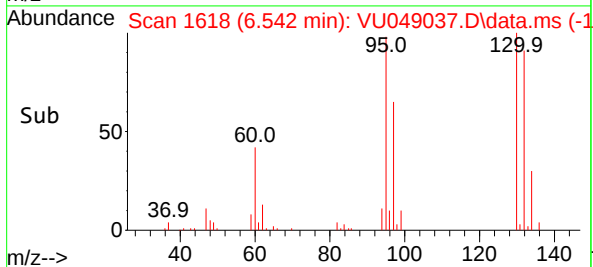
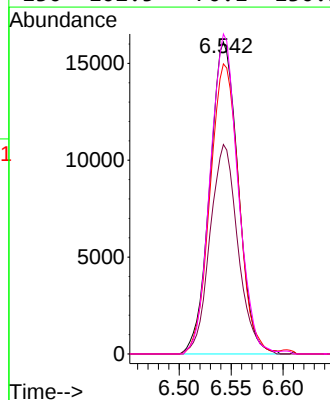
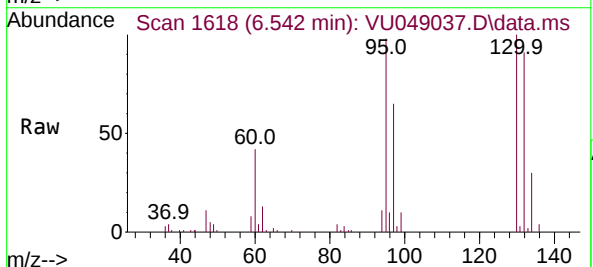
Tgt Ion: 78 Resp: 64327

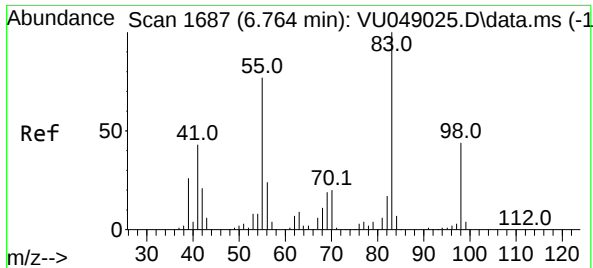


#34
Trichloroethene
Concen: 4747.109 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

Tgt Ion: 95 Resp: 30587

Ion	Ratio	Lower	Upper
95	100		
97	67.1	45.4	84.4
132	92.9	67.6	125.6
130	102.5	70.1	130.3

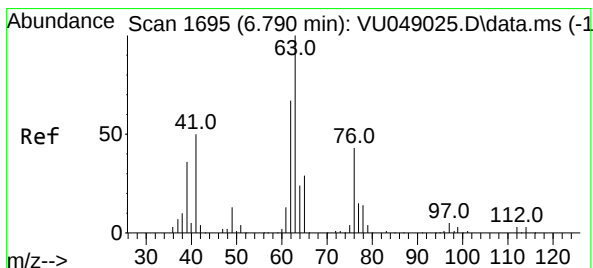
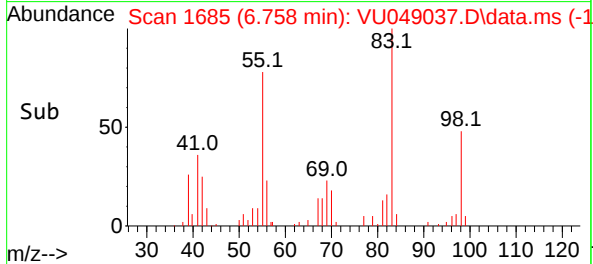
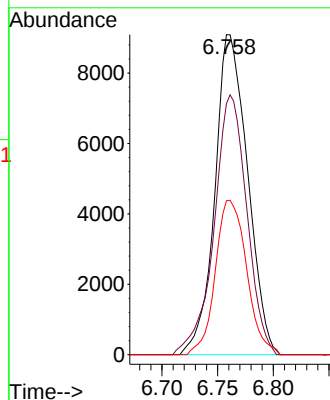
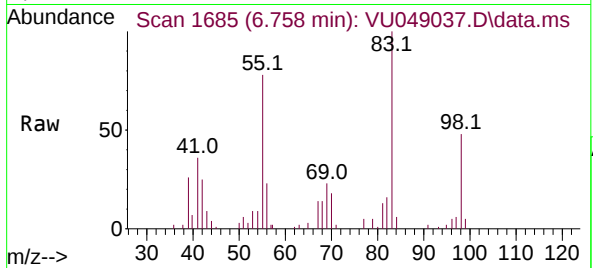




#35
Methylcyclohexane
Concen: 2067.081 ug/L
RT: 6.758 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

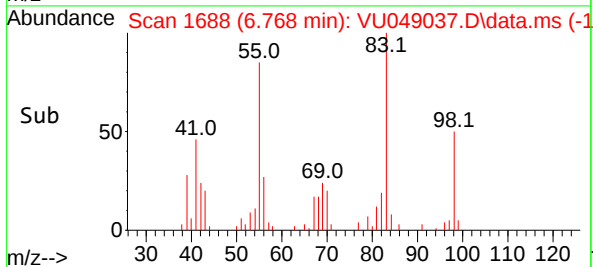
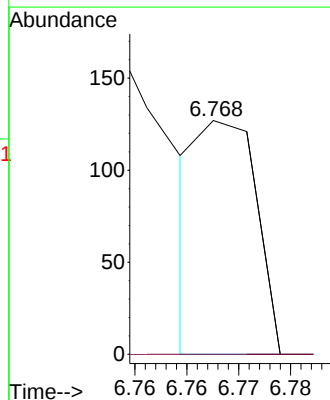
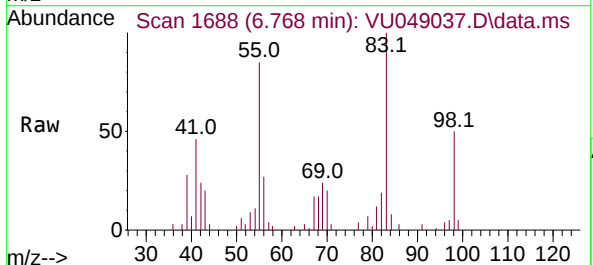
Instrument :
MSVOA_U
ClientSampleId :
EXYY7

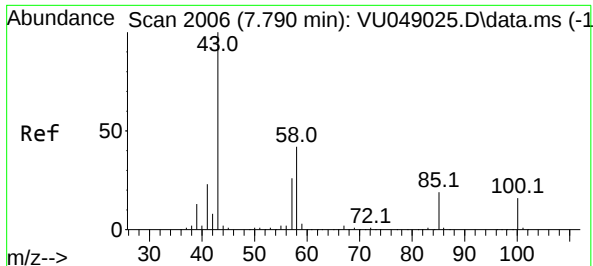
Tgt Ion: 83 Resp: 18591
Ion Ratio Lower Upper
83 100
55 81.0 61.0 91.6
98 46.1 36.8 55.2



#37
1,2-Dichloropropane
Concen: 6.659 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.022 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

Tgt Ion: 63 Resp: 48
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#40

4-Methyl-2-pentanone

Concen: 5770.141 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

Instrument :

MSVOA_U

ClientSampleId :

EXYY7

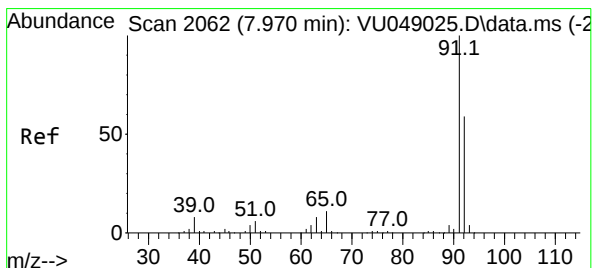
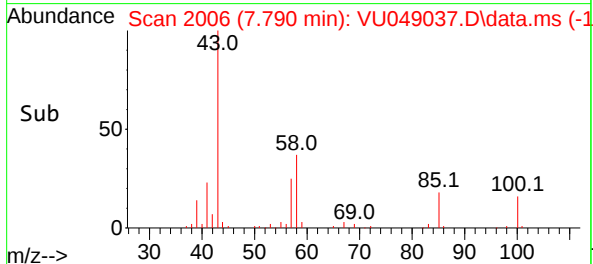
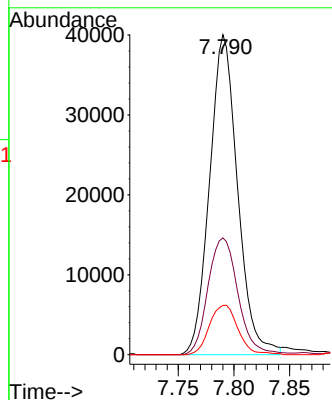
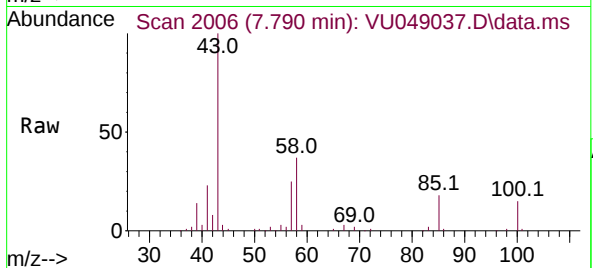
Tgt Ion: 43 Resp: 70073

Ion Ratio Lower Upper

43 100

58 39.1 32.2 48.4

100 15.8 12.3 18.5



#42

Toluene

Concen: 36315.918 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049037.D

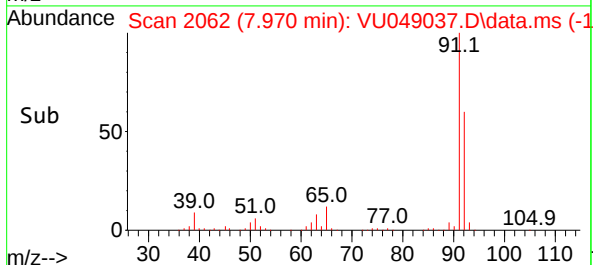
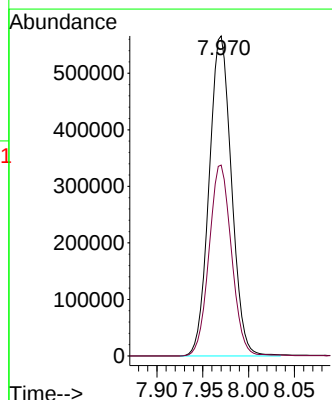
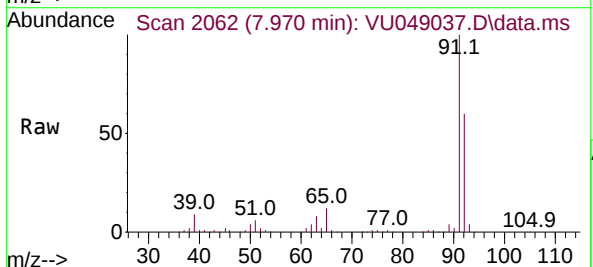
Acq: 11 Jun 2022 07:33

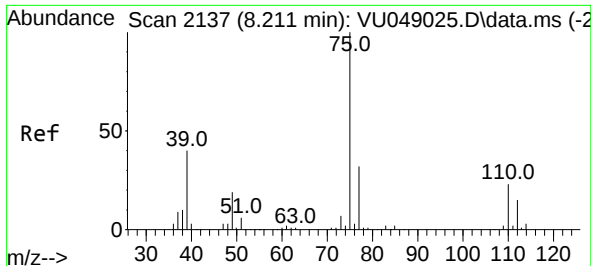
Tgt Ion: 91 Resp: 959486

Ion Ratio Lower Upper

91 100

92 59.6 41.6 77.3

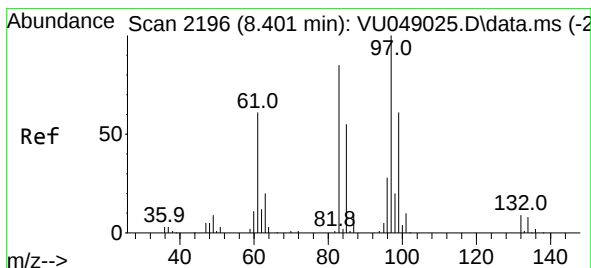
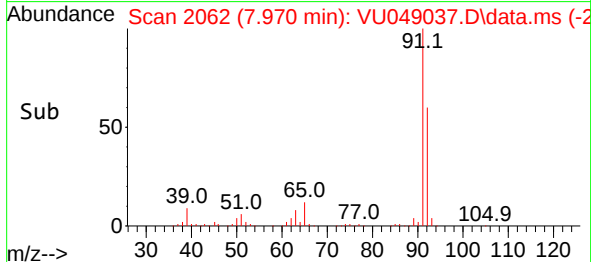
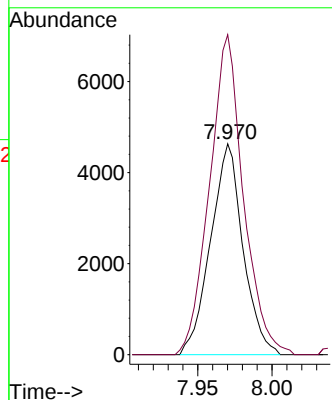
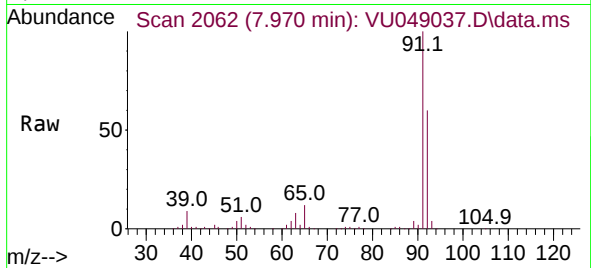




#44
trans-1,3-Dichloropropene
Concen: 669.552 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.241 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

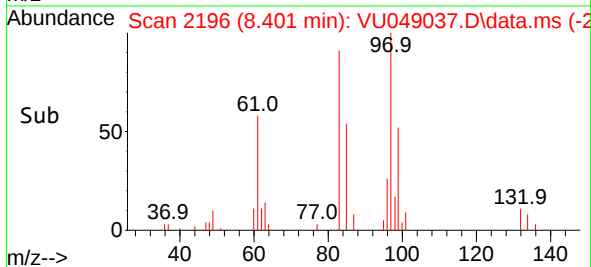
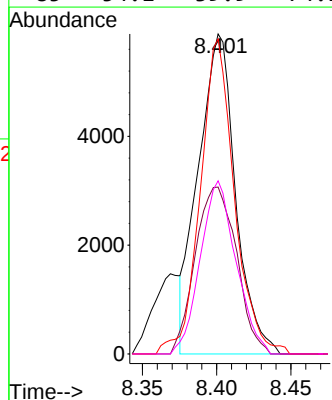
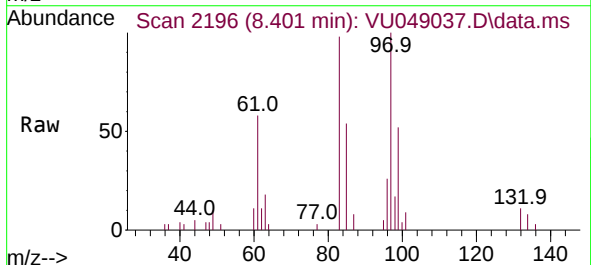
Instrument :
MSVOA_U
ClientSampleId :
EXYY7

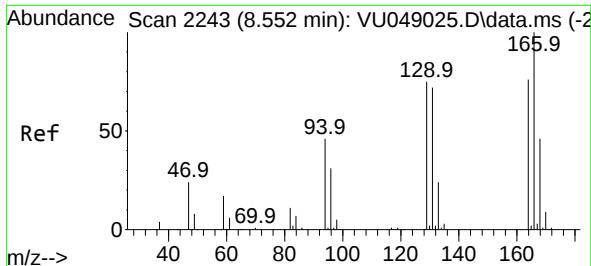
Tgt Ion: 75 Resp: 7032
Ion Ratio Lower Upper
75 100
77 151.8 21.9 40.7#



#45
1,1,2-Trichloroethane
Concen: 1471.346 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

Tgt Ion: 97 Resp: 10277
Ion Ratio Lower Upper
97 100
99 52.2 43.5 80.9
83 98.5 60.3 112.1
85 54.1 39.9 74.1

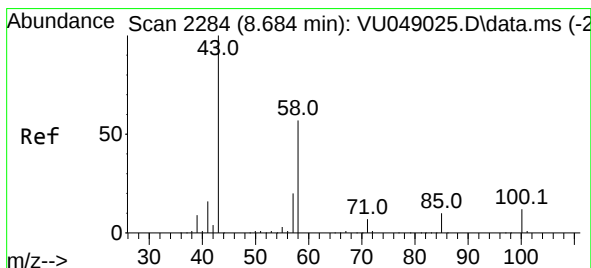
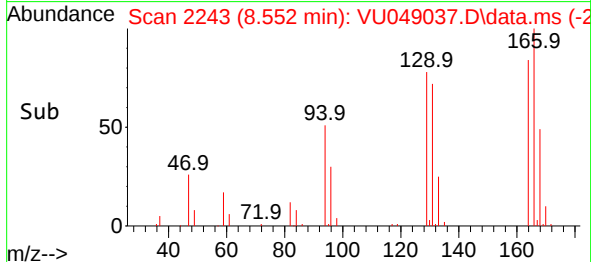
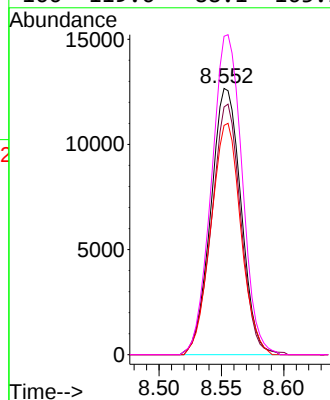
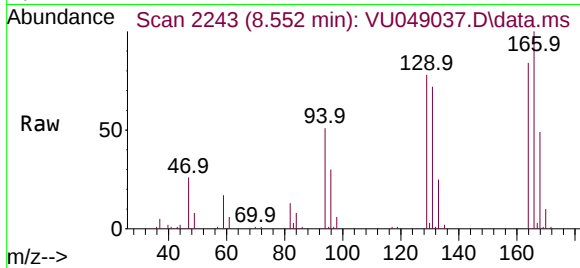




#46
Tetrachloroethene
Concen: 4283.808 ug/L
RT: 8.552 min Scan# 21399
Delta R.T. 0.000 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

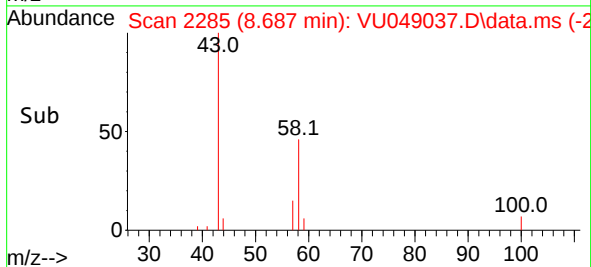
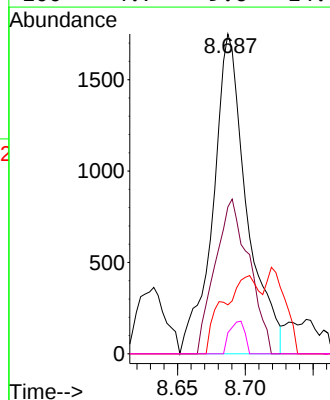
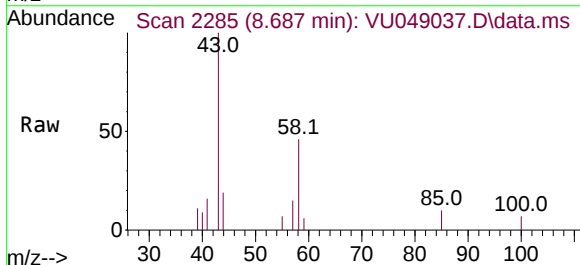
Instrument :
MSVOA_U
ClientSampleId :
EXYY7

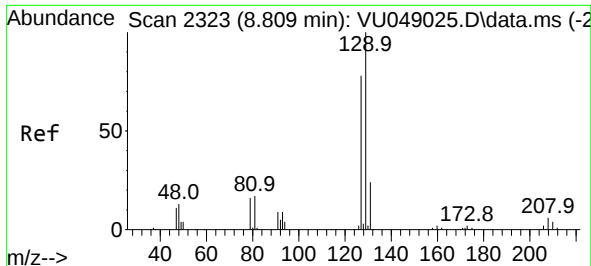
Tgt Ion:	164	Resp:	21399
Ion	Ratio	Lower	Upper
164	100		
129	93.0	70.9	131.7
131	86.1	66.2	123.0
166	119.6	88.1	163.5



#48
2-Hexanone
Concen: 304.580 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.003 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

Tgt Ion:	43	Resp:	3007
Ion	Ratio	Lower	Upper
43	100		
58	49.2	45.8	68.8
57	19.0	16.2	24.4
100	4.7	9.6	14.4

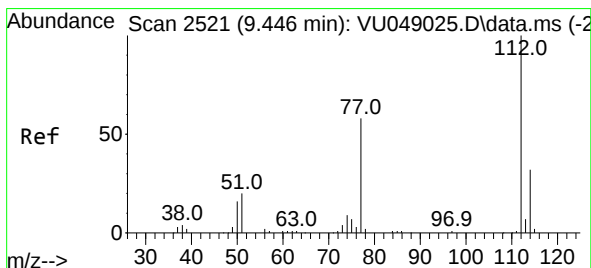
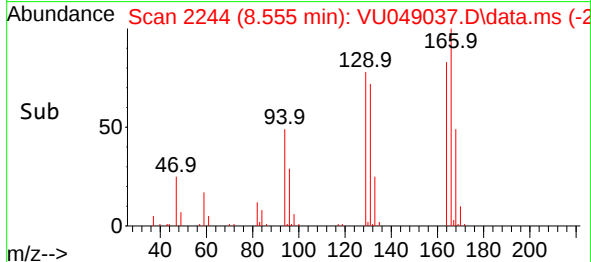
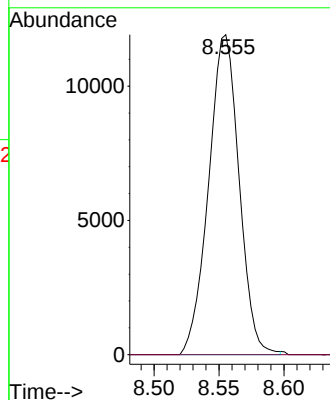
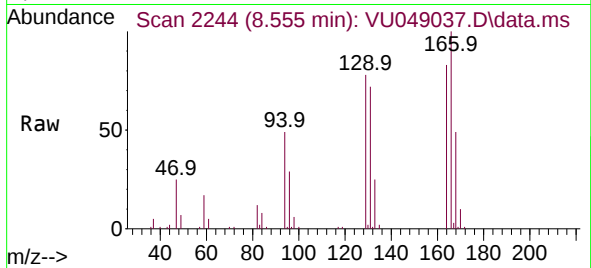




#49
Dibromochloromethane
Concen: 2504.202 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

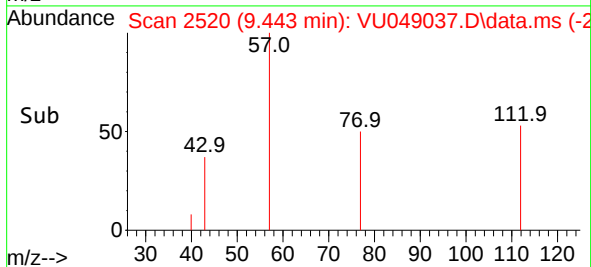
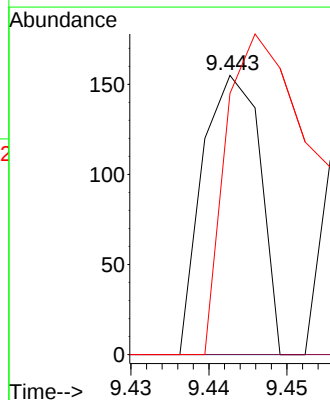
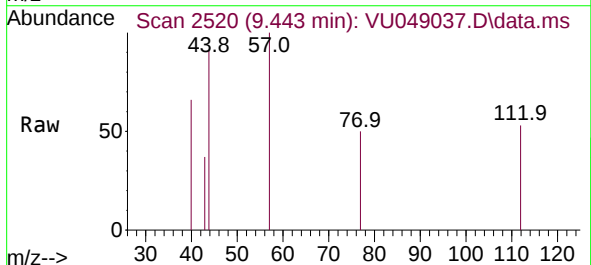
Instrument :
MSVOA_U
ClientSampleId :
EXYY7

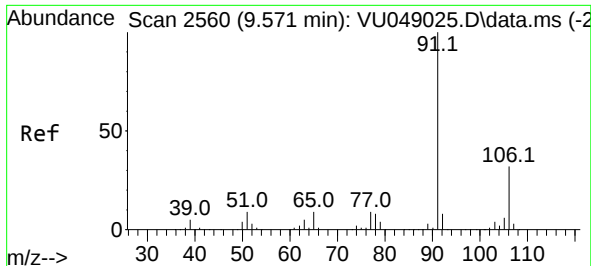
Tgt Ion:129 Resp: 19475
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#51
Chlorobenzene
Concen: 4.423 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

Tgt Ion:112 Resp: 79
Ion Ratio Lower Upper
112 100
114 0.0 22.3 41.3#
77 93.5 47.1 70.7#

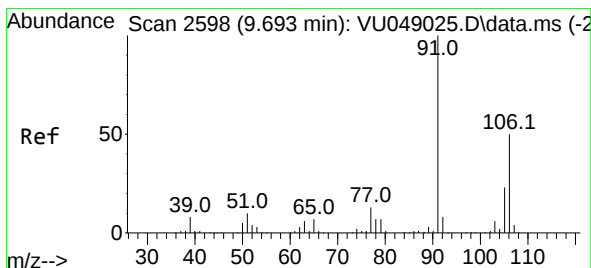
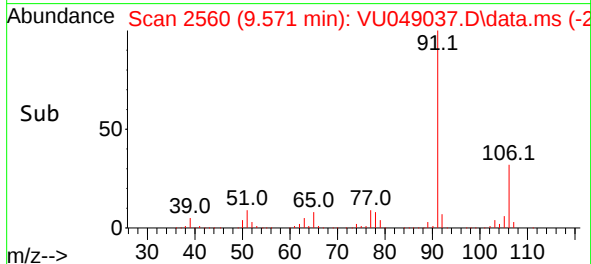
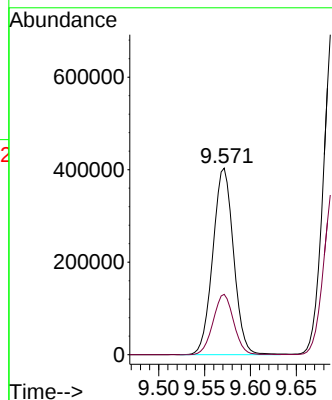
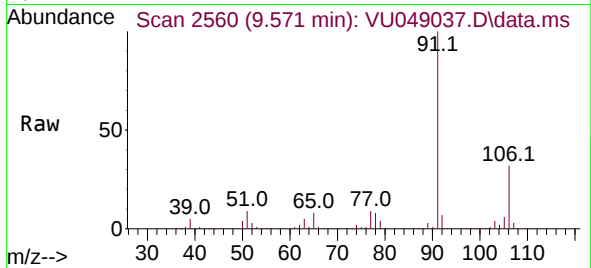




#52
Ethylbenzene
Concen: 22073.702 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

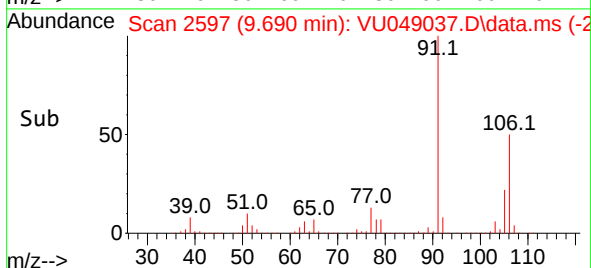
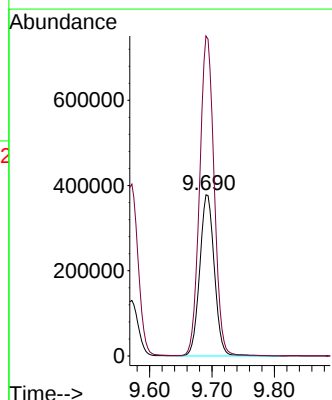
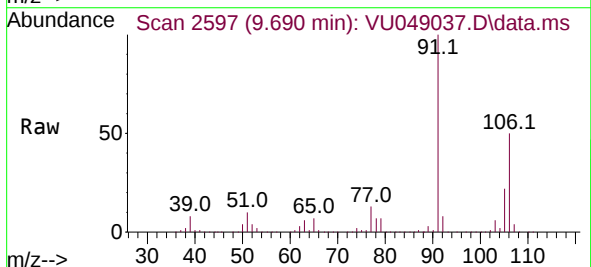
Instrument :
MSVOA_U
ClientSampleId :
EXYY7

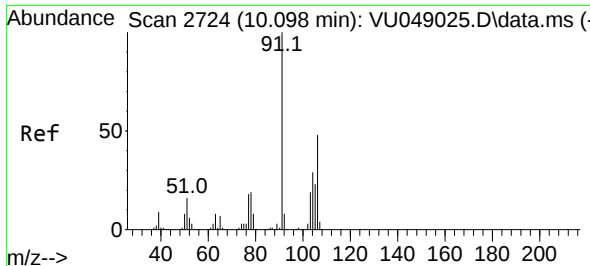
Tgt Ion: 91 Resp: 634096
Ion Ratio Lower Upper
91 100
106 32.4 21.6 40.2



#53
m,p-Xylene
Concen: 54546.104 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

Tgt Ion: 106 Resp: 615325
Ion Ratio Lower Upper
106 100
91 198.7 137.4 255.2

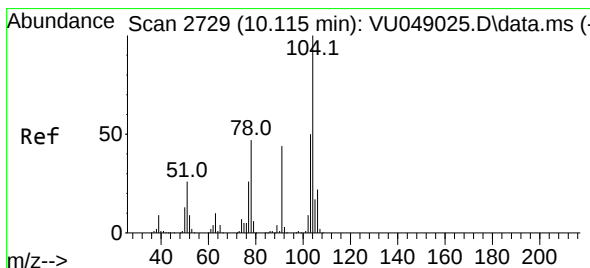
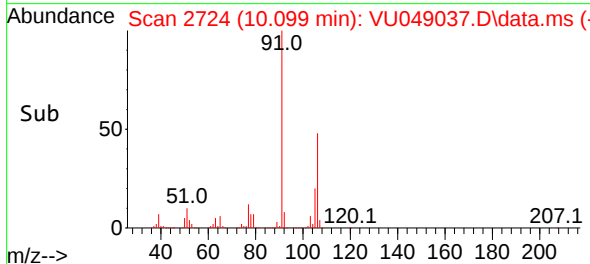
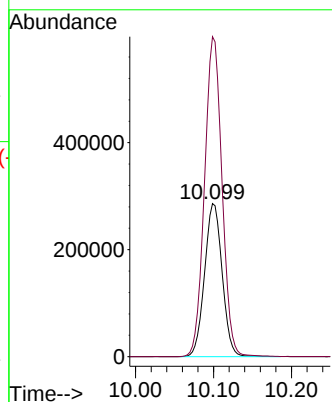
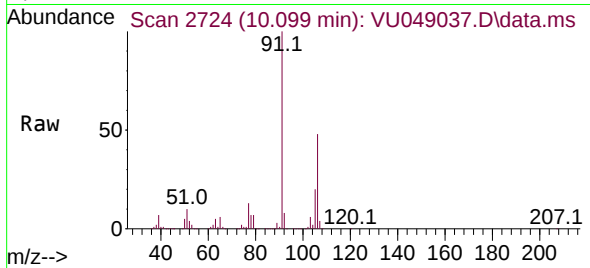




#54
o-Xylene
Concen: 39588.307 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

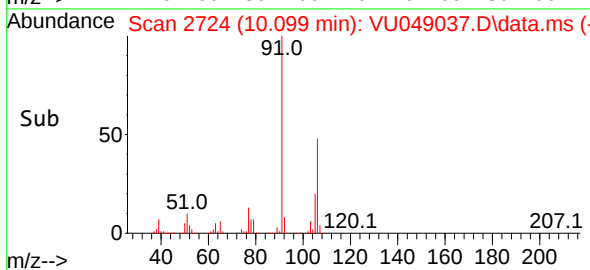
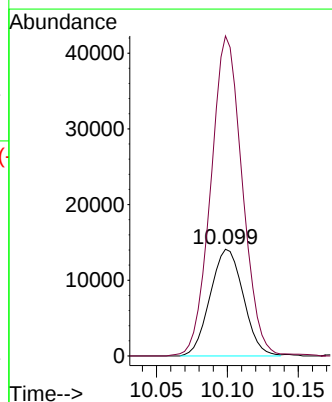
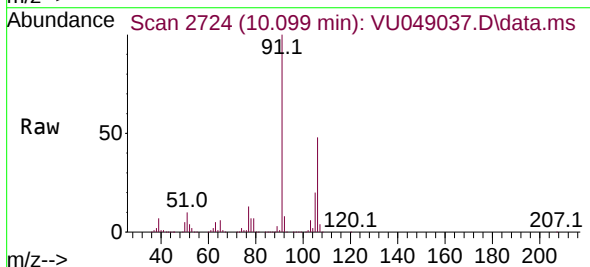
Instrument :
MSVOA_U
ClientSampleId :
EXYY7

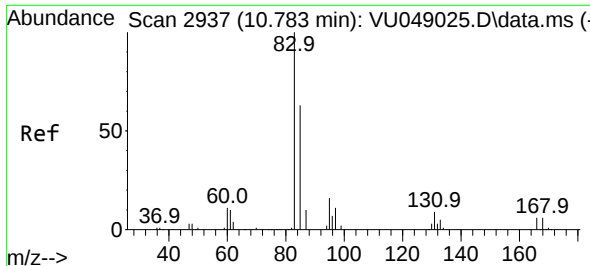
Tgt Ion:106 Resp: 449946
Ion Ratio Lower Upper
106 100
91 209.0 145.2 269.6



#55
Styrene
Concen: 1210.952 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.016 min
Lab File: VU049037.D
Acq: 11 Jun 2022 07:33

Tgt Ion:104 Resp: 22984
Ion Ratio Lower Upper
104 100
78 299.8 32.6 60.6#

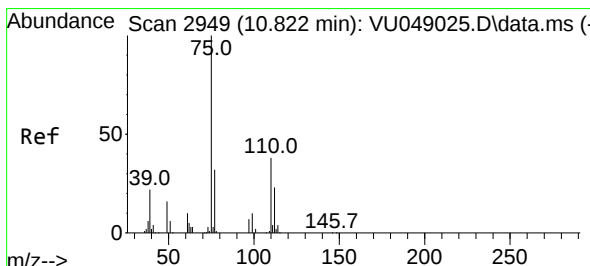
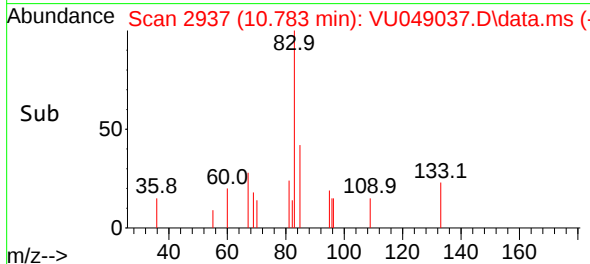
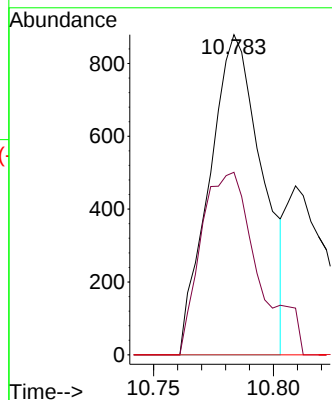
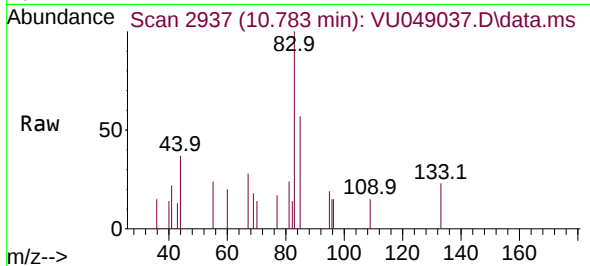




#57
 1,1,2,2-Tetrachloroethane
 Concen: 103.637 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VU049037.D
 Acq: 11 Jun 2022 07:33

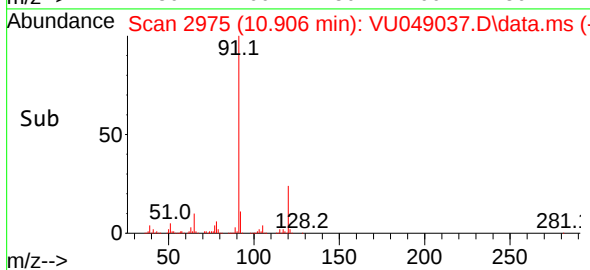
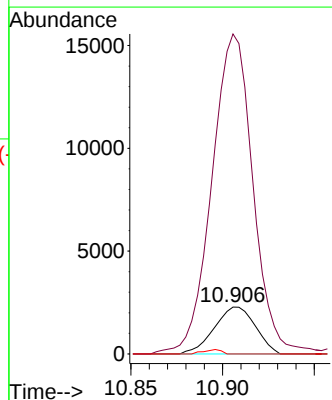
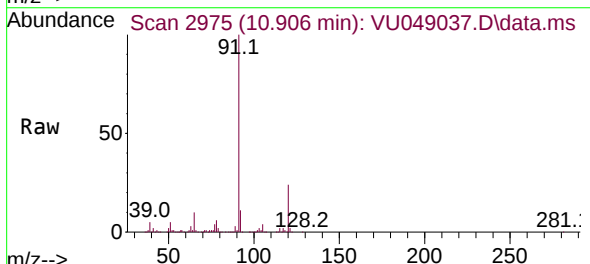
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY7

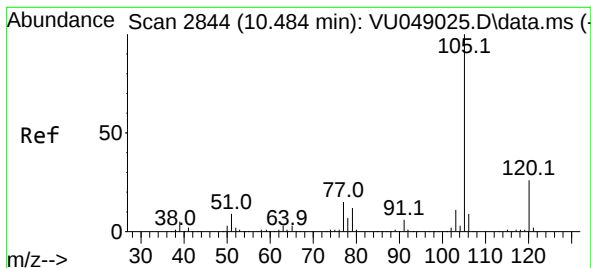
Tgt Ion:	83	Resp:	1349
Ion	Ratio	Lower	Upper
83	100		
85	57.0	44.5	82.7
131	0.0	7.6	11.4#



#60
 1,2,3-Trichloropropane
 Concen: 87.694 ug/L
 RT: 10.906 min Scan# 2975
 Delta R.T. 0.084 min
 Lab File: VU049037.D
 Acq: 11 Jun 2022 07:33

Tgt Ion:	75	Resp:	3559
Ion	Ratio	Lower	Upper
75	100		
77	685.1	26.6	40.0#
110	4.0	30.2	45.4#





#61

Isopropylbenzene

Concen: 1161.582 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

Instrument :

MSVOA_U

ClientSampleId :

EXYY7

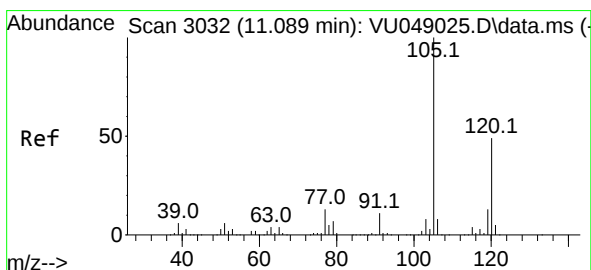
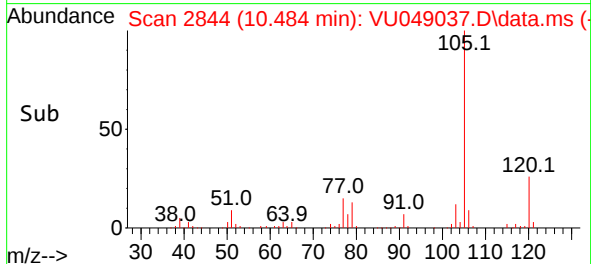
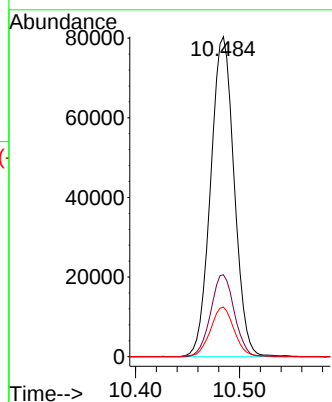
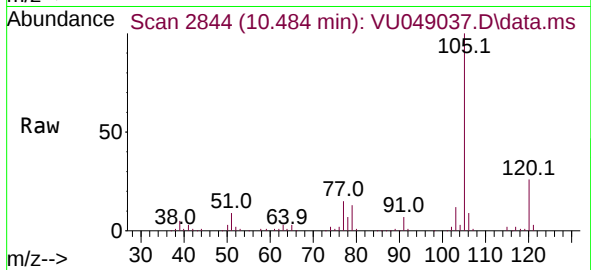
Tgt Ion:105 Resp: 126243

Ion Ratio Lower Upper

105 100

120 25.8 21.1 31.7

77 15.7 12.7 19.1



#62

1,3,5-Trimethylbenzene

Concen: 10071.708 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049037.D

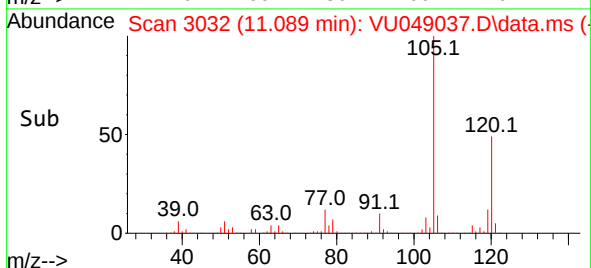
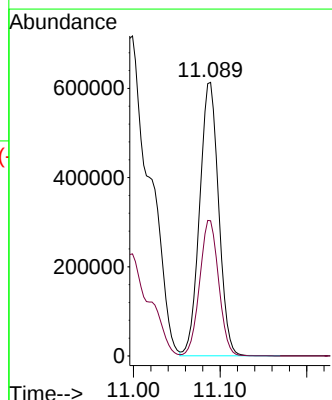
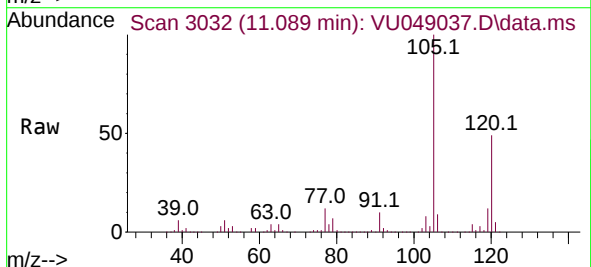
Acq: 11 Jun 2022 07:33

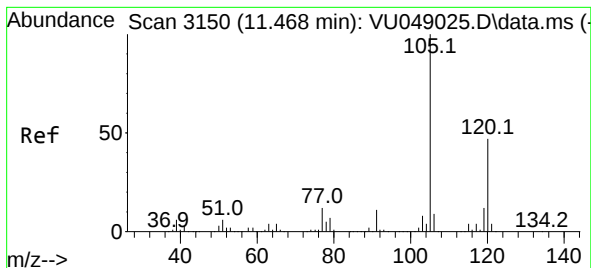
Tgt Ion:105 Resp: 934524

Ion Ratio Lower Upper

105 100

120 49.4 39.1 58.7





#63

1,2,4-Trimethylbenzene

Concen: 55247.631 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

Instrument :

MSVOA_U

ClientSampleId :

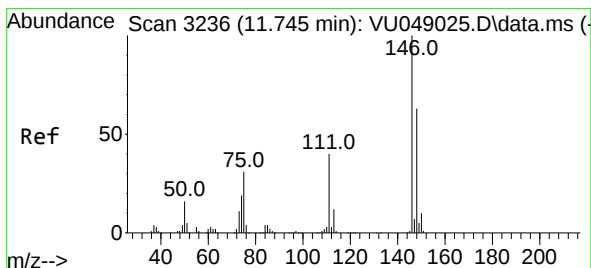
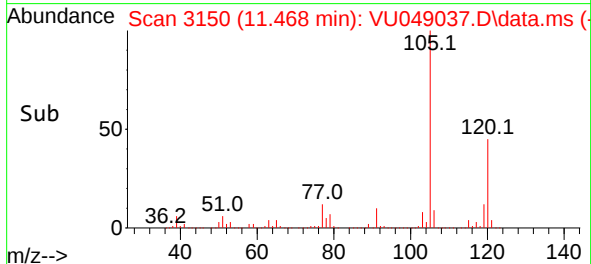
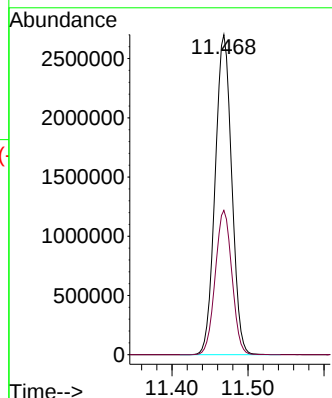
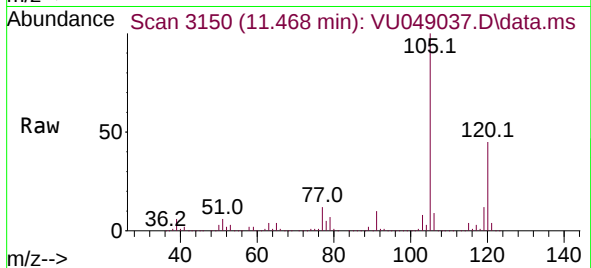
EXYY7

Tgt Ion:105 Resp: 4081253

Ion Ratio Lower Upper

105 100

120 45.4 36.3 54.5



#64

1,3-Dichlorobenzene

Concen: 1.894 ug/L

RT: 11.748 min Scan# 3237

Delta R.T. 0.003 min

Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

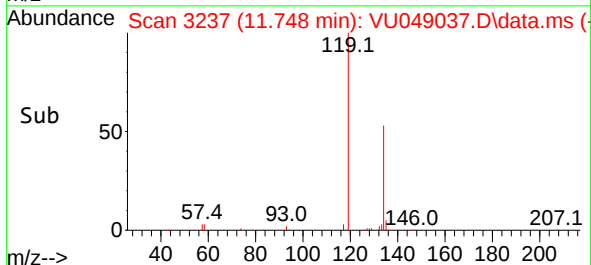
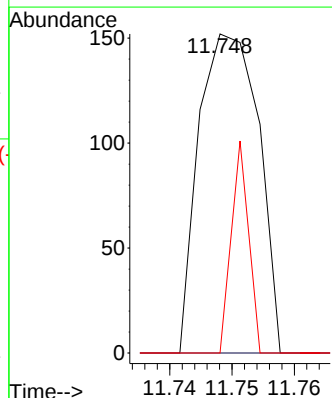
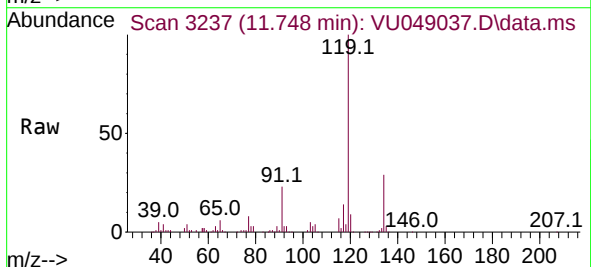
Tgt Ion:146 Resp: 101

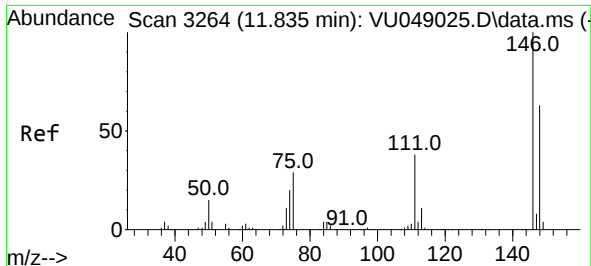
Ion Ratio Lower Upper

146 100

111 0.0 29.8 55.3#

148 0.0 45.8 85.0#





#65

1,4-Dichlorobenzene

Concen: 10.578 ug/L

RT: 11.841 min Scan# 3266

Delta R.T. 0.007 min

Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

Instrument :

MSVOA_U

ClientSampleId :

EXYY7

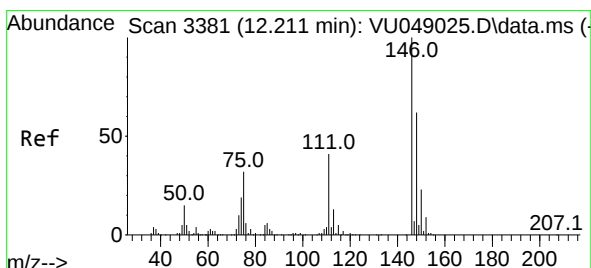
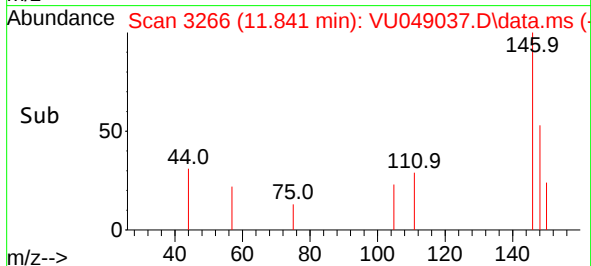
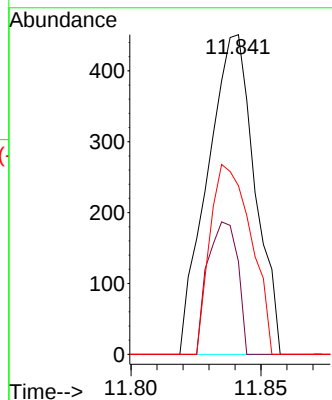
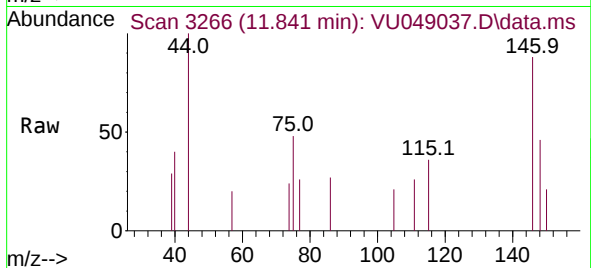
Tgt Ion:146 Resp: 571

Ion Ratio Lower Upper

146 100

111 29.0 28.1 52.1

148 52.8 44.9 83.3



#67

1,2-Dichlorobenzene

Concen: 184.324 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

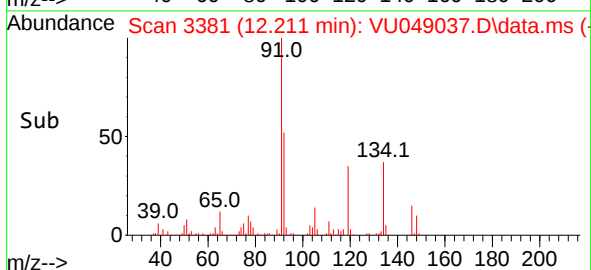
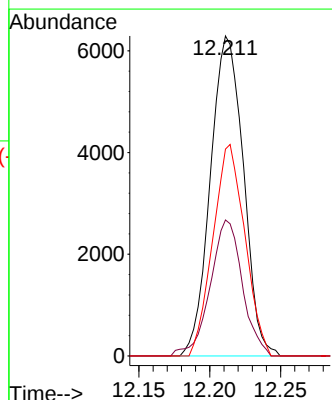
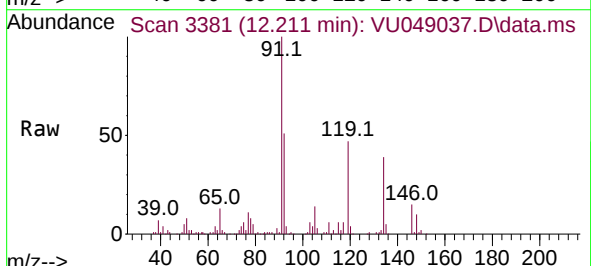
Tgt Ion:146 Resp: 10198

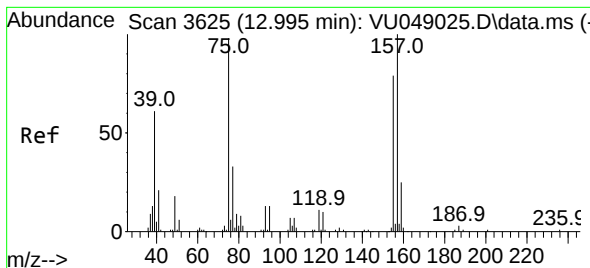
Ion Ratio Lower Upper

146 100

111 45.8 33.9 50.9

148 64.7 50.2 75.2

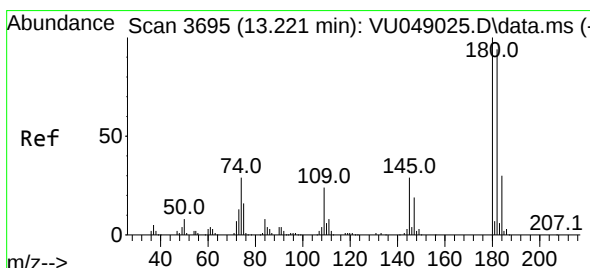
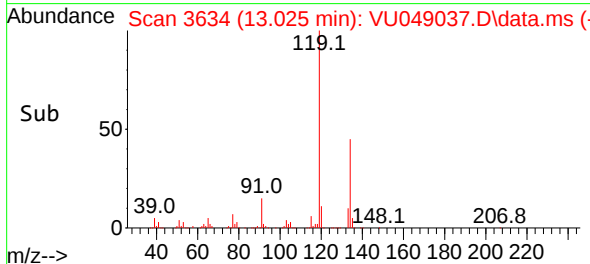
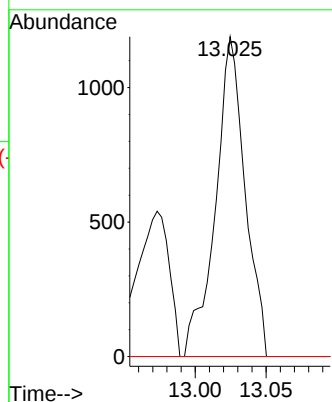
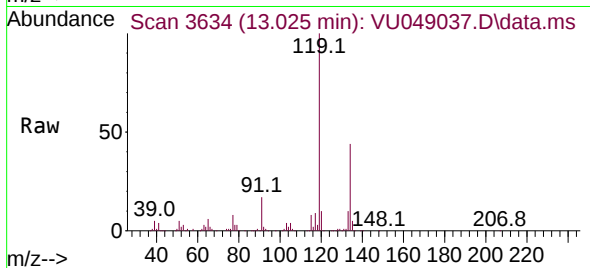




#68
 1,2-Dibromo-3-chloropropane
 Concen: 128.779 ug/L
 RT: 13.025 min Scan# 30
 Delta R.T. 0.029 min
 Lab File: VU049037.D
 Acq: 11 Jun 2022 07:33

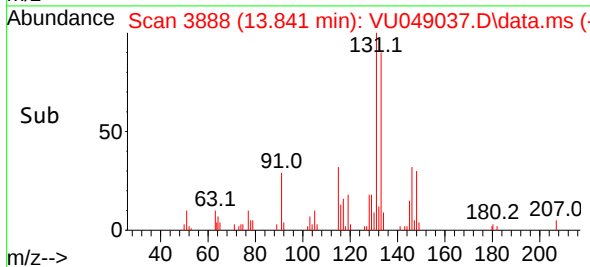
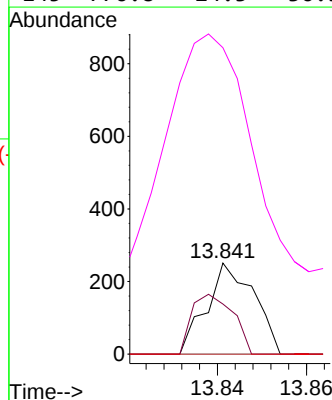
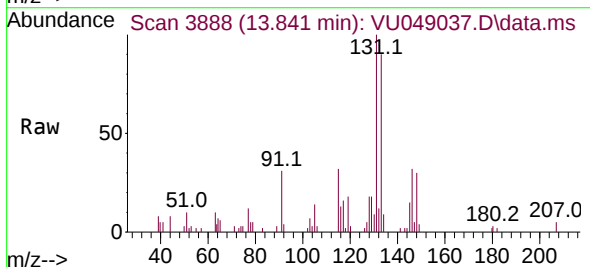
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY7

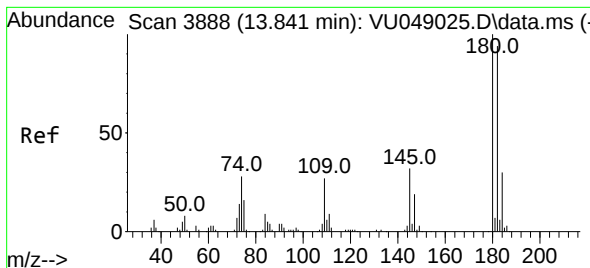
Tgt Ion: 75 Resp: 1725
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.0 91.6#
 157 0.0 77.6 116.4#



#69
 1,3,5-Trichlorobenzene
 Concen: 4.857 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.621 min
 Lab File: VU049037.D
 Acq: 11 Jun 2022 07:33

Tgt Ion:180 Resp: 185
 Ion Ratio Lower Upper
 180 100
 182 57.3 76.0 114.0#
 184 0.0 24.5 36.7#
 145 776.8 24.3 36.5#





#70

1,2,4-trichlorobenzene

Concen: 5.744 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

Instrument :

MSVOA_U

ClientSampleId :

EXYY7

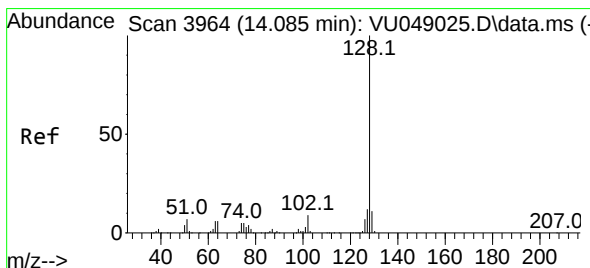
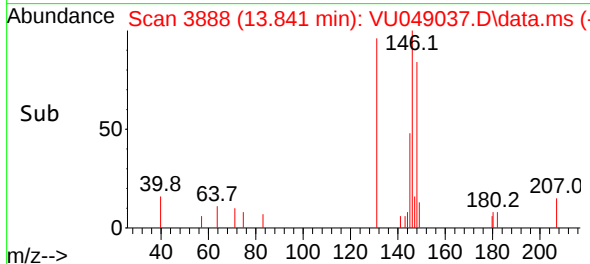
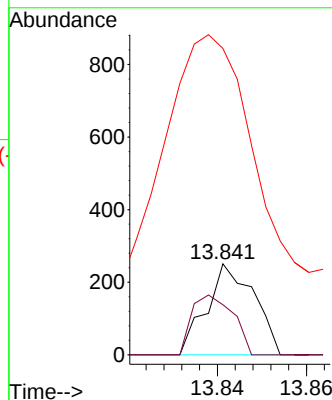
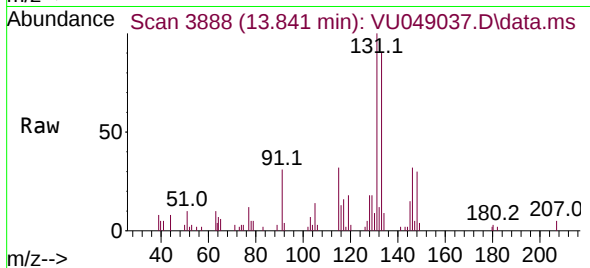
Tgt Ion:180 Resp: 185

Ion Ratio Lower Upper

180 100

182 57.3 78.2 117.2#

145 776.8 25.0 37.4#



#71

Naphthalene

Concen: 2031.154 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049037.D

Acq: 11 Jun 2022 07:33

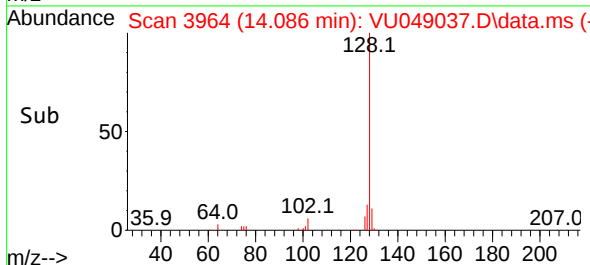
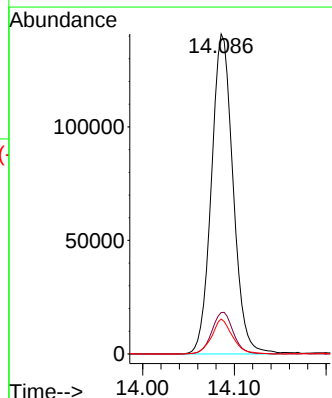
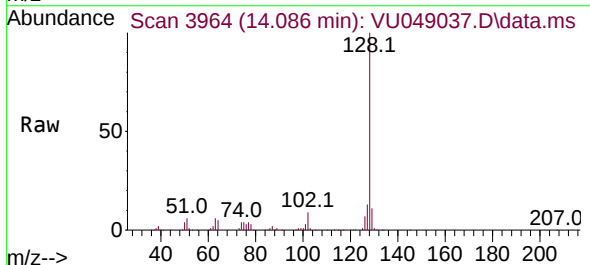
Tgt Ion:128 Resp: 231434

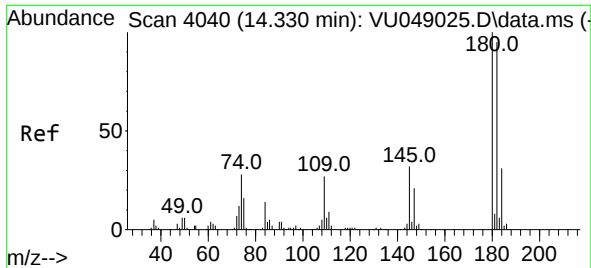
Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

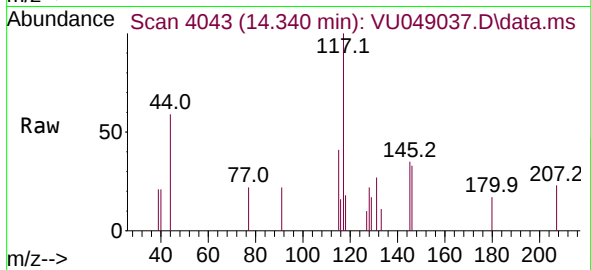
129 10.5 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 3.992 ug/L
 RT: 14.340 min Scan# 40
 Delta R.T. 0.010 min
 Lab File: VU049037.D
 Acq: 11 Jun 2022 07:33

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY7



Tgt Ion:180 Resp: 136
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.3 115.9#
 145 430.1 26.3 39.5#

