

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
 Data File : VU048530.D
 Acq On : 12 May 2022 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 03:50:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 12 03:40:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	269374	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	265357	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	158284	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	86730	37.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.780%
7) Chloroethane-d5	1.912	69	64653	42.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.568	63	187676	45.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.920%
21) 2-Butanone-d5	4.620	46	164326	83.173	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.170%
24) Chloroform-d	5.066	84	218330	54.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.360%
26) 1,2-Dichloroethane-d4	5.703	65	147208	56.200	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.400%
32) Benzene-d6	5.729	84	383771	47.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.180%
36) 1,2-Dichloropropane-d6	6.690	67	116155	44.173	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.340%
41) Toluene-d8	7.899	98	366930	51.451	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.900%
43) trans-1,3-Dichloroprop...	8.179	79	68253	56.394	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.780%
47) 2-Hexanone-d5	8.632	63	121341	95.340	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	182070	45.456	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.920%
66) 1,2-Dichlorobenzene-d4	12.195	152	154119	49.172	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	120128	49.298	ug/L	100
3) Chloromethane	1.520	50	89458	32.096	ug/L	100
5) Vinyl chloride	1.604	62	98981	37.381	ug/L	99
6) Bromomethane	1.851	94	68858	52.586	ug/L	97
8) Chloroethane	1.932	64	61755	43.380	ug/L	97
9) Trichlorofluoromethane	2.137	101	191777	55.125	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	100675	50.429	ug/L	97
12) 1,1-Dichloroethene	2.581	96	90082	47.725	ug/L	97
13) Acetone	2.623	43	145172	97.462	ug/L	98
14) Carbon disulfide	2.793	76	251586	43.002	ug/L	99
15) Methyl Acetate	2.948	43	117302	38.441	ug/L	91
16) Methylene chloride	3.047	84	106912	46.318	ug/L	87
17) trans-1,2-Dichloroethene	3.356	96	96496	47.918	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	333539	49.182	ug/L	97
19) 1,1-Dichloroethane	3.870	63	190346	45.841	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	110257	48.519	ug/L	91
22) 2-Butanone	4.697	43	182226	81.840	ug/L	93
23) Bromochloromethane	4.973	128	60435	50.464	ug/L	84
25) Chloroform	5.089	83	211029	51.466	ug/L	98

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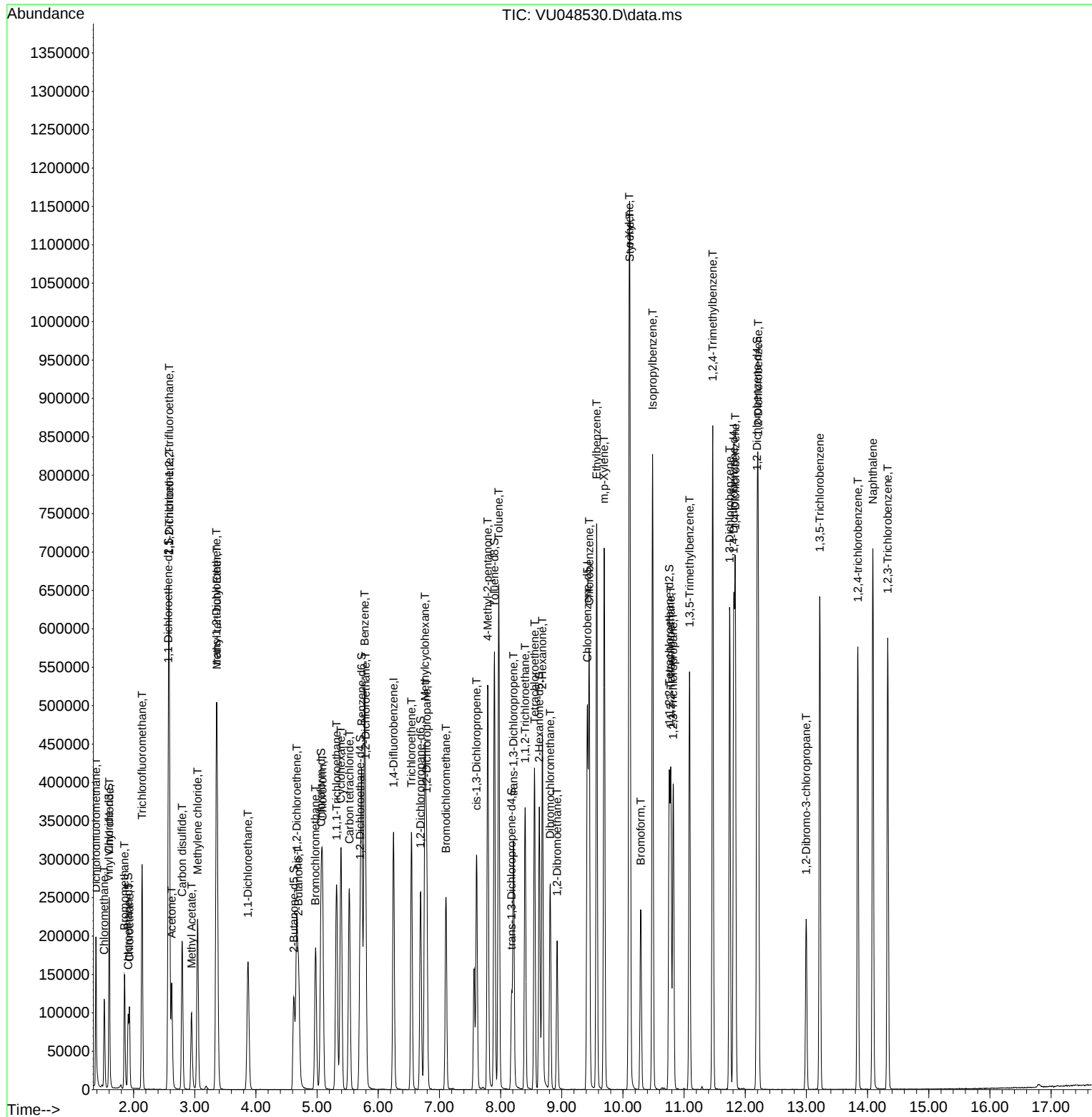
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	180235	53.463	ug/L	99
29) Cyclohexane	5.391	56	146335	39.963	ug/L	87
30) 1,1,1-Trichloroethane	5.317	97	206134	55.936	ug/L	96
31) Carbon tetrachloride	5.526	117	184039	58.323	ug/L	99
33) Benzene	5.777	78	420253	45.997	ug/L	100
34) Trichloroethene	6.542	95	112256	49.983	ug/L	98
35) Methylcyclohexane	6.764	83	172334	48.094	ug/L	95
37) 1,2-Dichloropropane	6.793	63	107673	42.224	ug/L	99
38) Bromodichloromethane	7.105	83	164992	53.138	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	179315	49.438	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	313542	76.739	ug/L #	93
42) Toluene	7.970	91	461696	48.962	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	185335	52.581	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	111281	48.255	ug/L	99
46) Tetrachloroethene	8.555	164	91333	54.134	ug/L	98
48) 2-Hexanone	8.684	43	267342	78.732	ug/L #	97
49) Dibromochloromethane	8.812	129	137883	55.675	ug/L	98
50) 1,2-Dibromoethane	8.925	107	122644	50.311	ug/L	100
51) Chlorobenzene	9.449	112	297519	50.074	ug/L	99
52) Ethylbenzene	9.571	91	495540	50.447	ug/L	98
53) m,p-Xylene	9.693	106	200673	52.925	ug/L	100
54) o-Xylene	10.102	106	194173	50.902	ug/L	97
55) Styrene	10.115	104	344229	55.501	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	186319	43.108	ug/L	99
59) Bromoform	10.291	173	106487	47.436	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	163549	39.583	ug/L	95
61) Isopropylbenzene	10.484	105	517359	46.645	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	287861	47.081	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	460490	50.572	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	256730	49.078	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	258048	49.202	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	257776	48.154	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	59751	49.340	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	202282	54.691	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	175481	54.633	ug/L	100
71) Naphthalene	14.085	128	568462	45.957	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	180563	52.855	ug/L	98

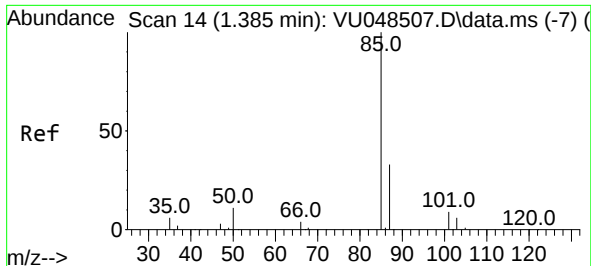
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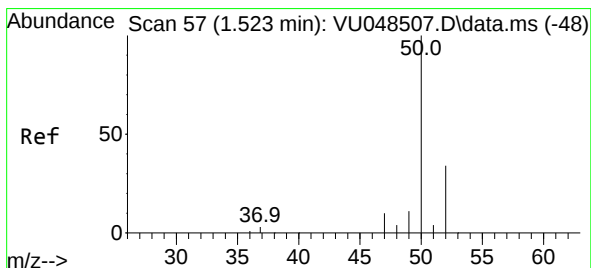
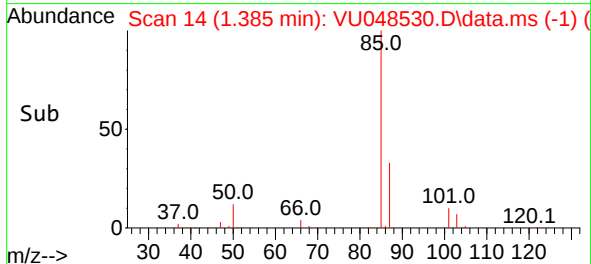
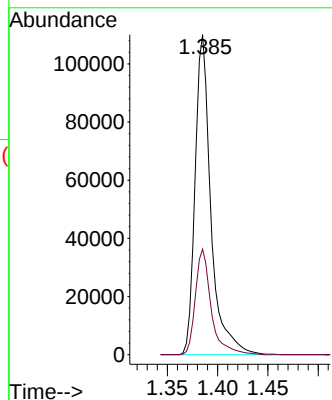
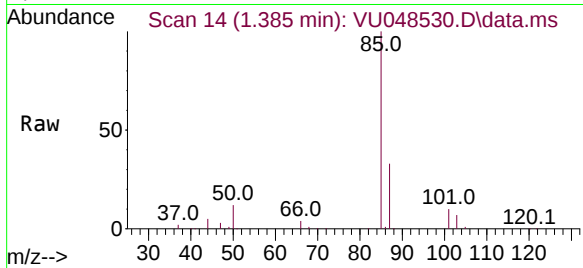




#2
Dichlorodifluoromethane
Concen: 49.298 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

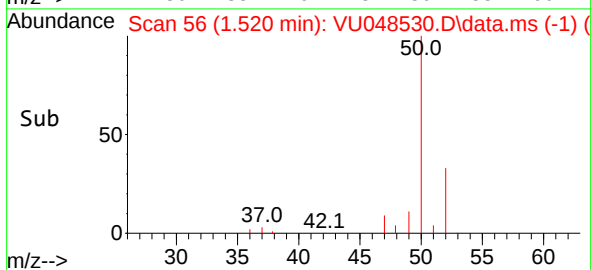
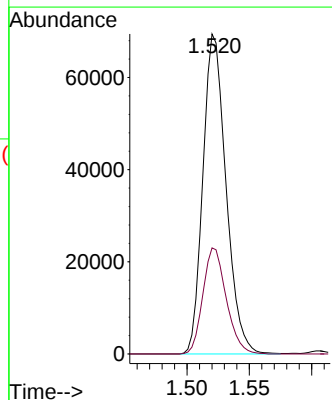
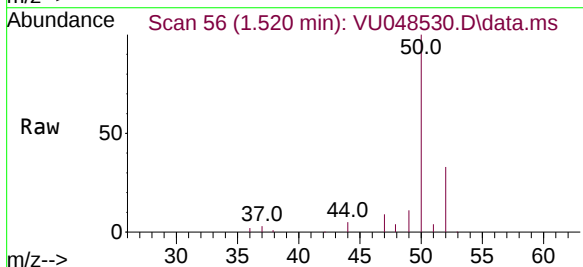
Instrument :
MSVOA_U
ClientSampleId :

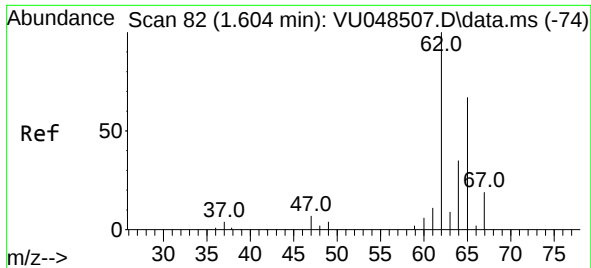
Tgt Ion: 85 Resp: 120128
Ion Ratio Lower Upper
85 100
87 33.1 26.2 39.4



#3
Chloromethane
Concen: 32.096 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

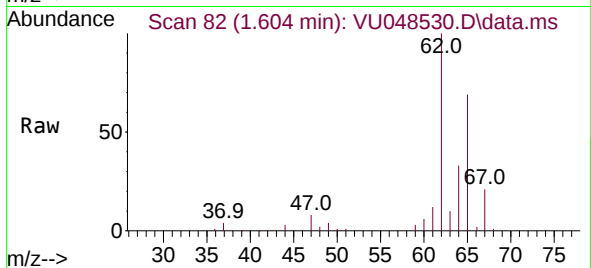
Tgt Ion: 50 Resp: 89458
Ion Ratio Lower Upper
50 100
52 33.2 23.0 42.8



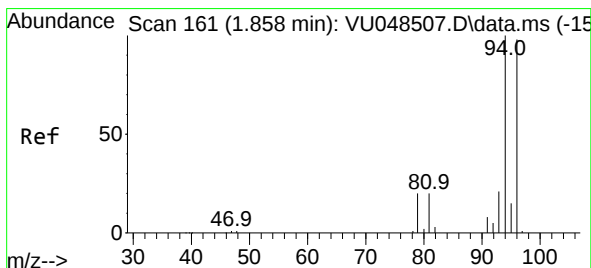
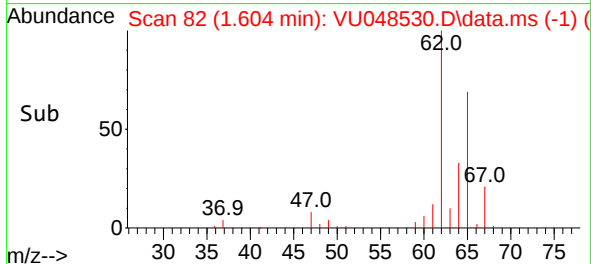
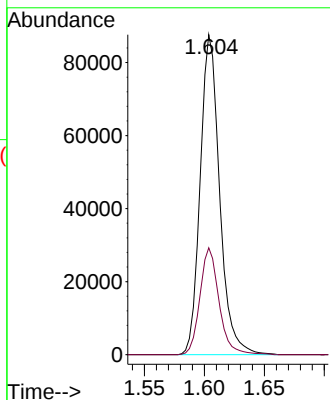


#5
 Vinyl chloride
 Concen: 37.381 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048530.D
 Acq: 12 May 2022 10:06

Instrument :
 MSVOA_U
 ClientSampleId :

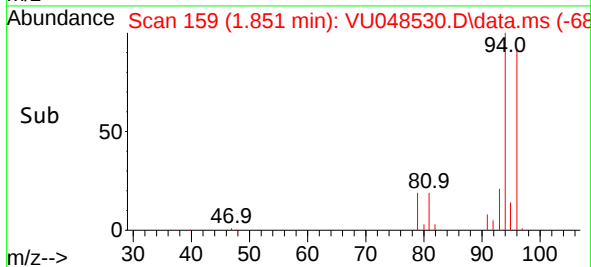
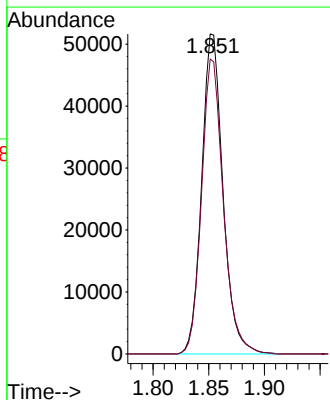
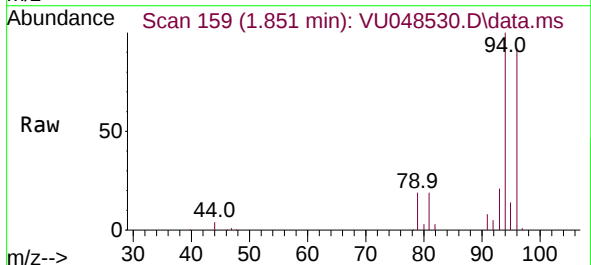


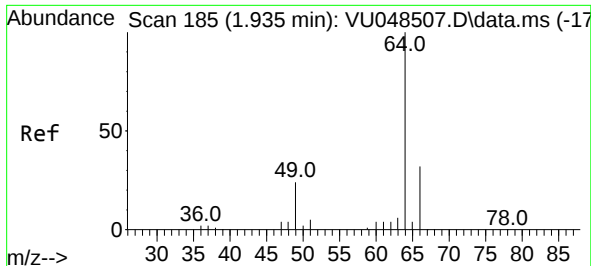
Tgt Ion: 62 Resp: 98981
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.0



#6
 Bromomethane
 Concen: 52.586 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.007 min
 Lab File: VU048530.D
 Acq: 12 May 2022 10:06

Tgt Ion: 94 Resp: 68858
 Ion Ratio Lower Upper
 94 100
 96 92.2 66.5 123.5

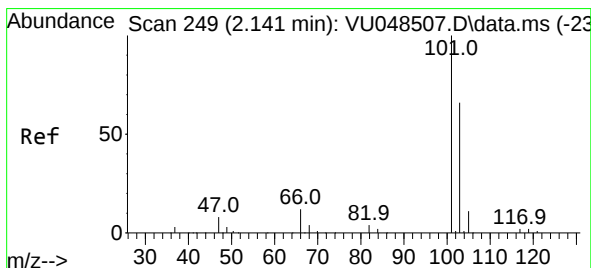
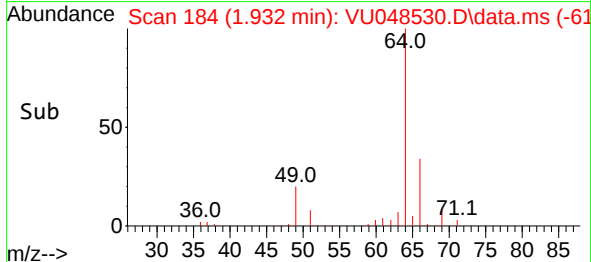
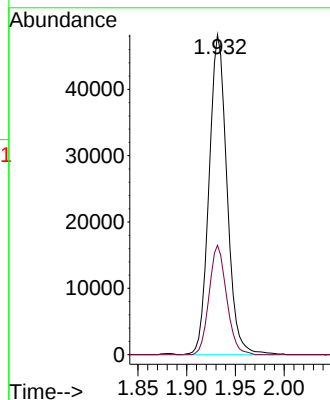
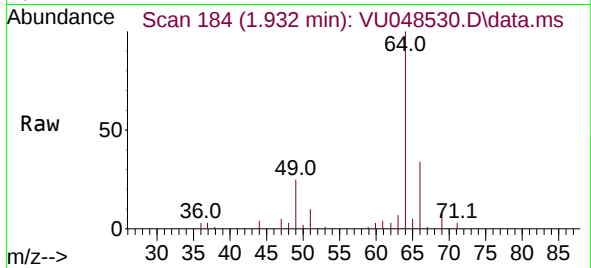




#8
Chloroethane
Concen: 43.380 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

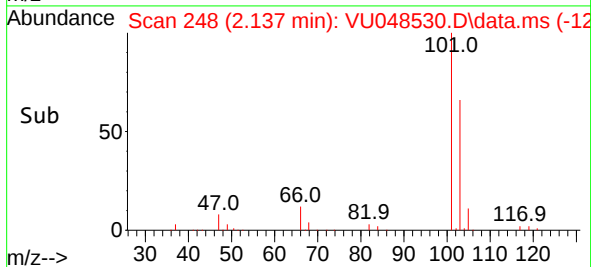
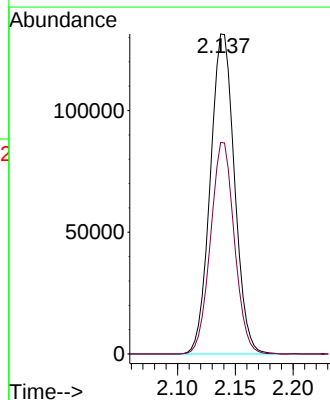
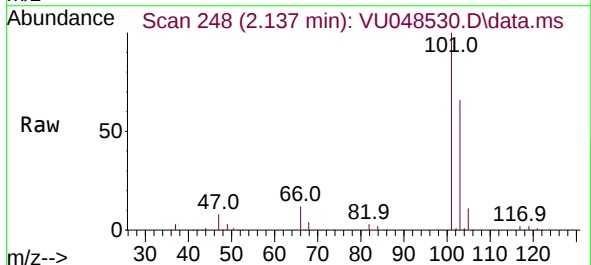
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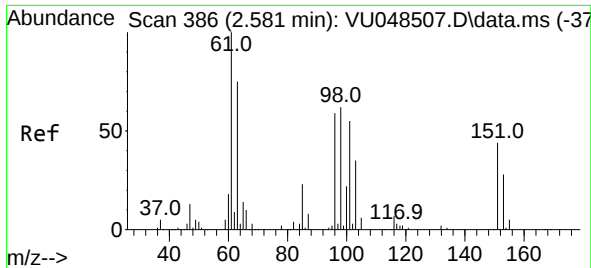
Tgt Ion: 64 Resp: 61755
Ion Ratio Lower Upper
64 100
66 34.2 22.8 42.4



#9
Trichlorofluoromethane
Concen: 55.125 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

Tgt Ion:101 Resp: 191777
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

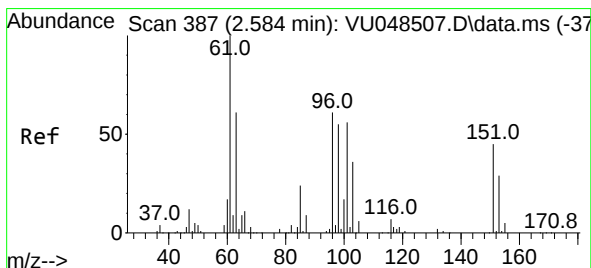
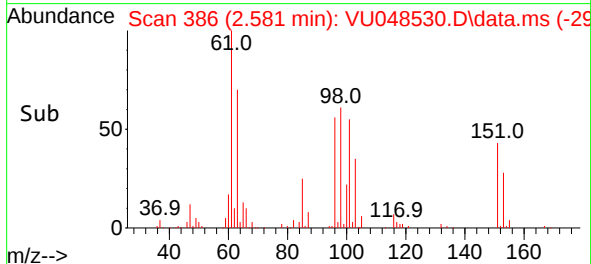
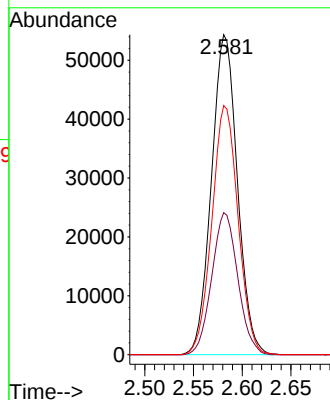
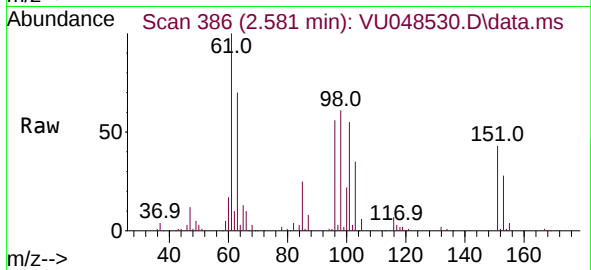




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.429 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

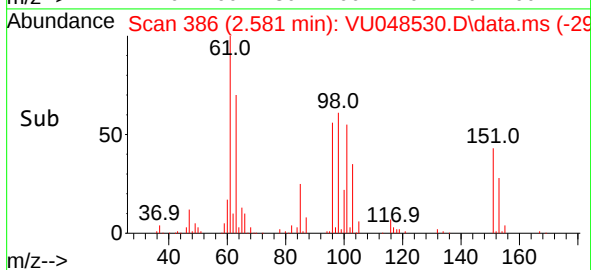
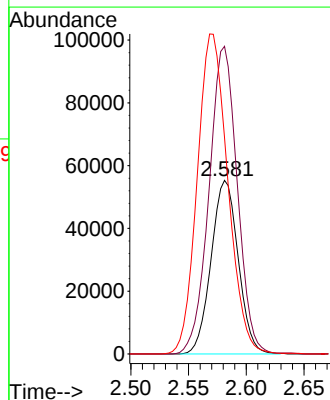
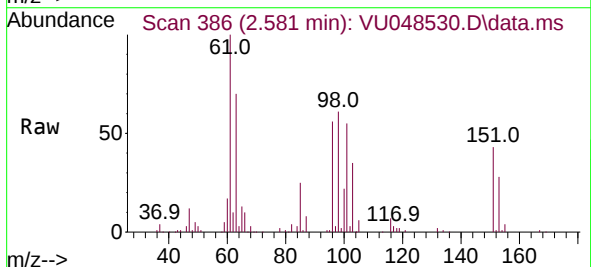
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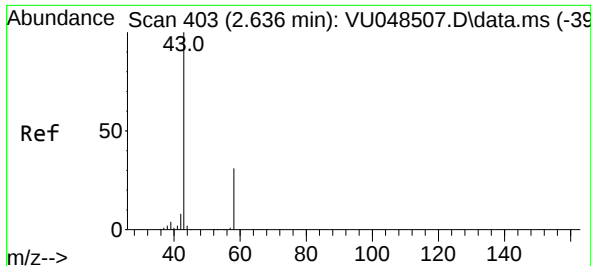
Tgt Ion:101 Resp: 100675
Ion Ratio Lower Upper
101 100
85 44.5 34.8 52.2
151 78.6 60.7 91.1



#12
1,1-Dichloroethene
Concen: 47.725 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

Tgt Ion: 96 Resp: 90082
Ion Ratio Lower Upper
96 100
61 177.3 124.5 231.3
63 124.7 92.5 171.9





#13

Acetone

Concen: 97.462 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.013 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

Instrument :

MSVOA_U

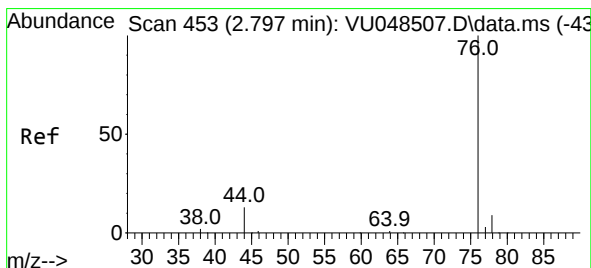
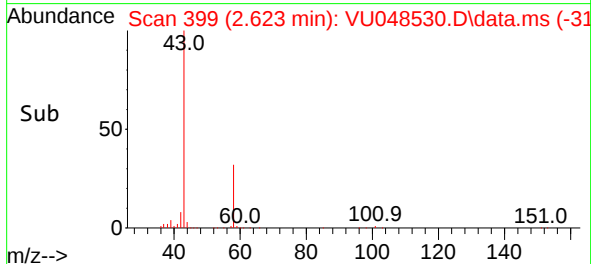
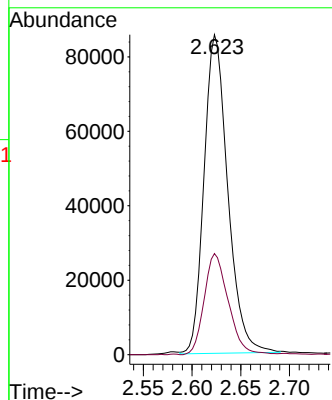
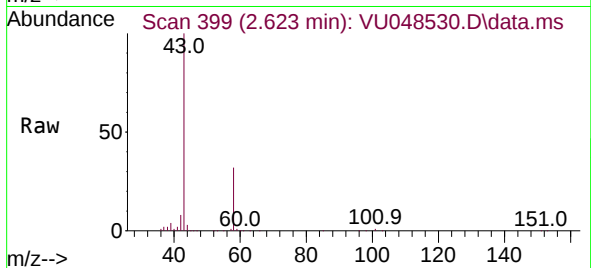
ClientSampleId :

Tgt Ion: 43 Resp: 145172

Ion Ratio Lower Upper

43 100

58 32.2 0.0 66.2



#14

Carbon disulfide

Concen: 43.002 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.003 min

Lab File: VU048530.D

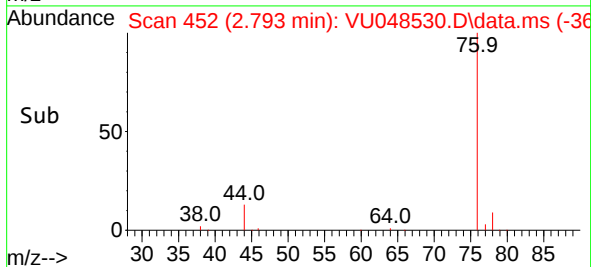
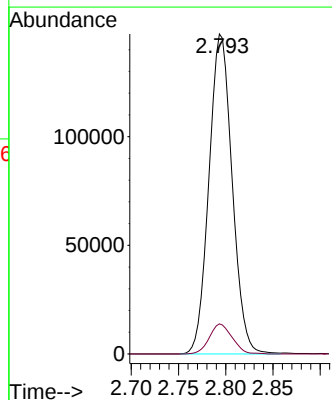
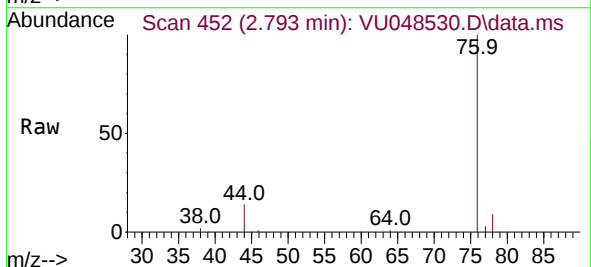
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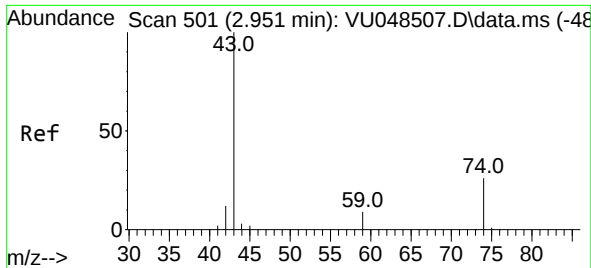
Tgt Ion: 76 Resp: 251586

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

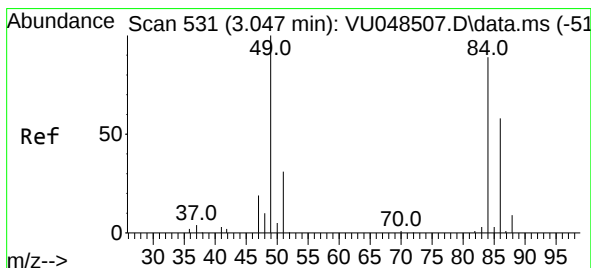
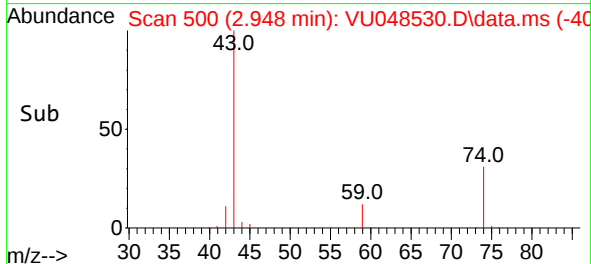
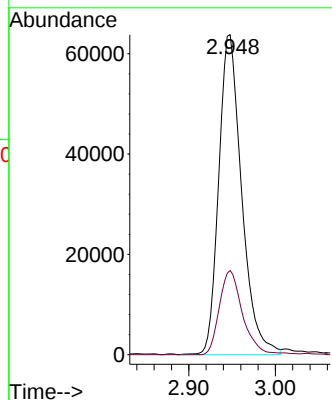
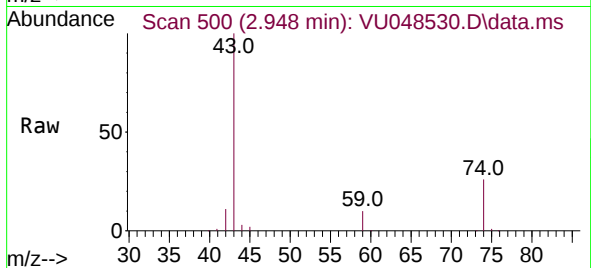




#15
Methyl Acetate
Concen: 38.441 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

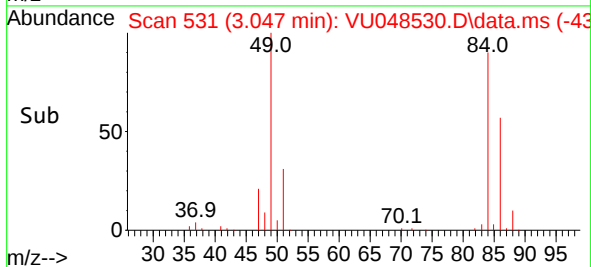
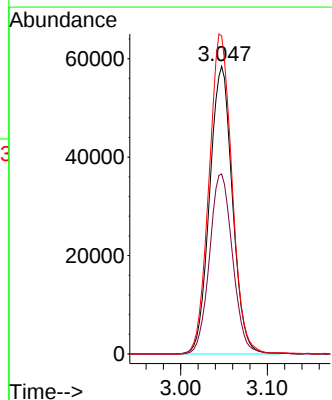
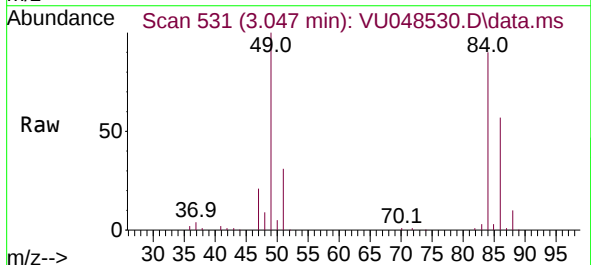
Instrument :
MSVOA_U
ClientSampleId :

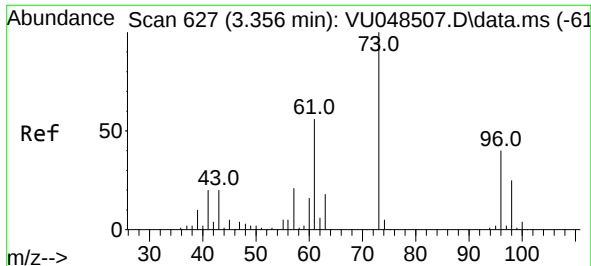
Tgt Ion: 43 Resp: 117302
Ion Ratio Lower Upper
43 100
74 26.4 17.6 26.4



#16
Methylene chloride
Concen: 46.318 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

Tgt Ion: 84 Resp: 106912
Ion Ratio Lower Upper
84 100
86 62.6 44.8 83.2
49 110.6 92.0 170.8





#17

trans-1,2-Dichloroethene

Concen: 47.918 ug/L

RT: 3.356 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

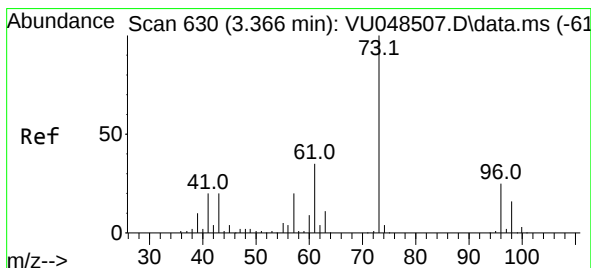
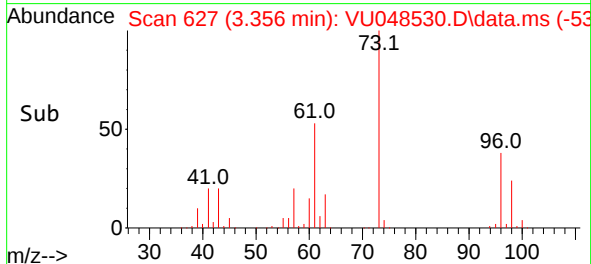
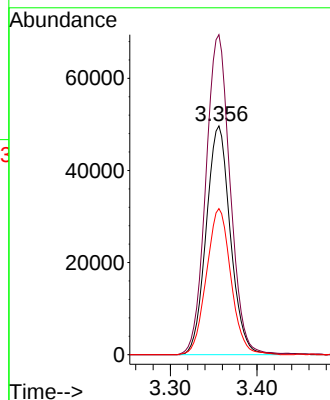
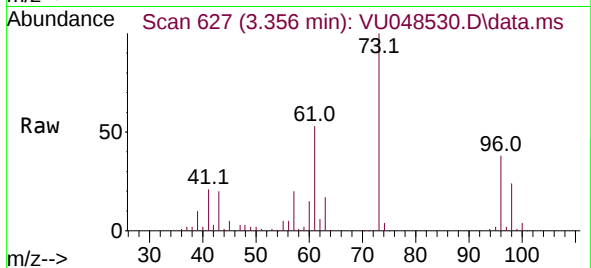
Tgt Ion: 96 Resp: 96496

Ion Ratio Lower Upper

96 100

61 139.9 101.2 187.8

98 63.9 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 49.182 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.003 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

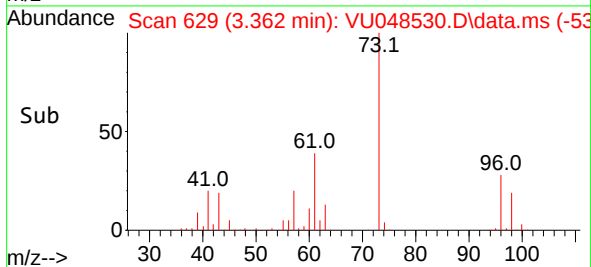
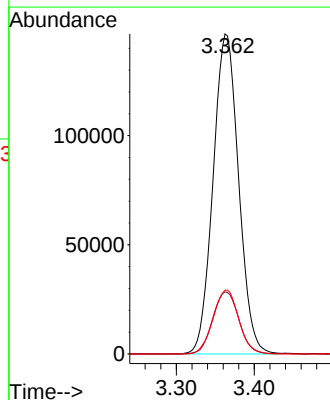
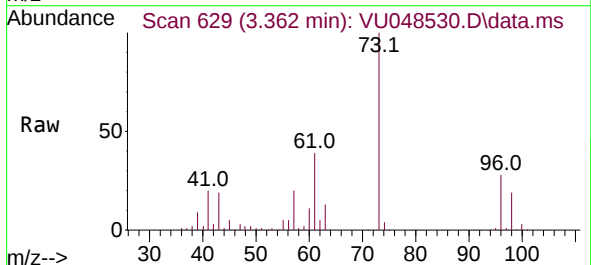
Tgt Ion: 73 Resp: 333539

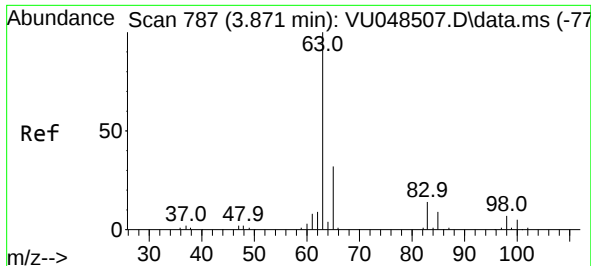
Ion Ratio Lower Upper

73 100

43 19.9 15.6 23.4

57 20.1 18.1 27.1





#19

1,1-Dichloroethane

Concen: 45.841 ug/L

RT: 3.870 min Scan# 787

Delta R.T. -0.000 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

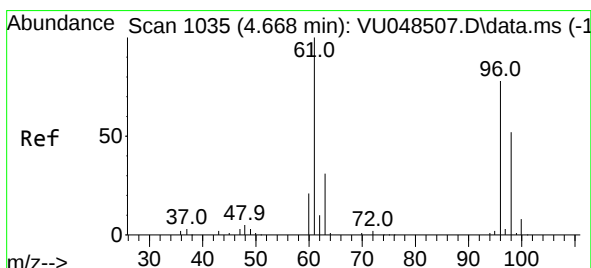
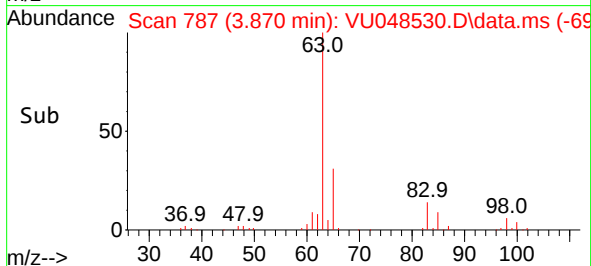
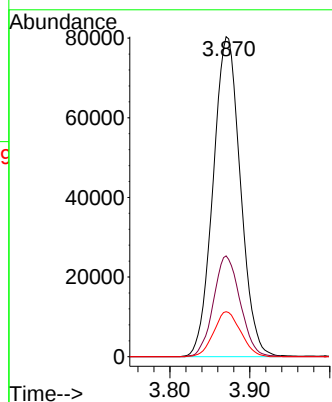
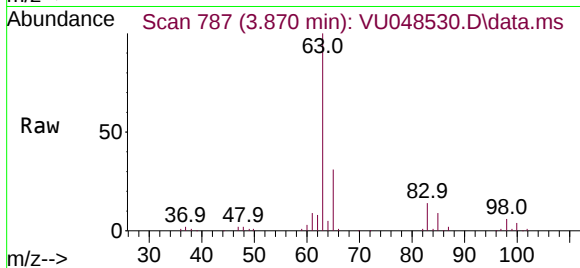
Tgt Ion: 63 Resp: 190346

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 14.0 8.5 15.9



#20

cis-1,2-Dichloroethene

Concen: 48.519 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

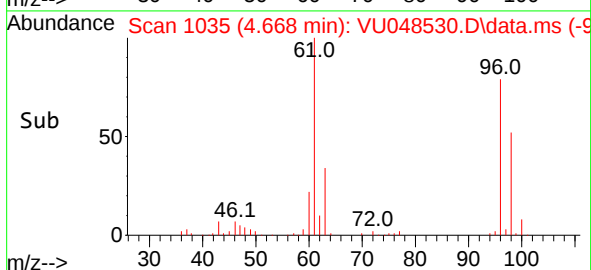
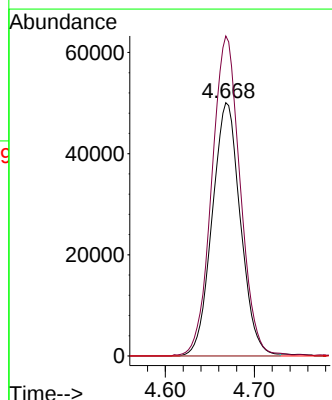
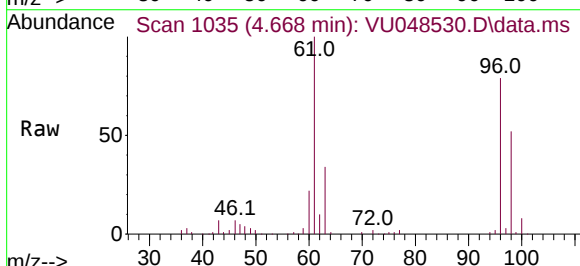
Tgt Ion: 96 Resp: 110257

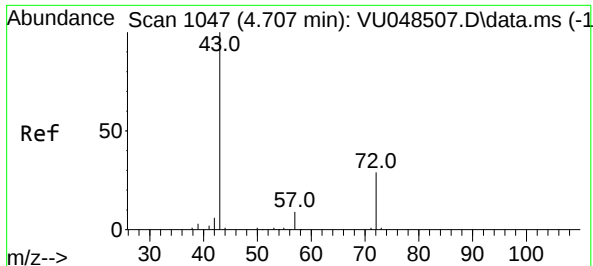
Ion Ratio Lower Upper

96 100

61 126.3 96.2 178.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 81.840 ug/L

RT: 4.697 min Scan# 110

Delta R.T. -0.010 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

Instrument :

MSVOA_U

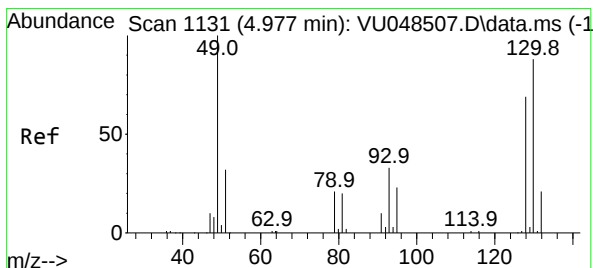
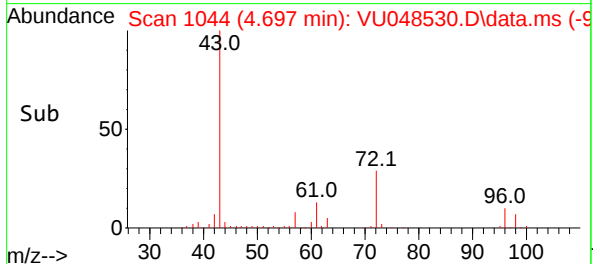
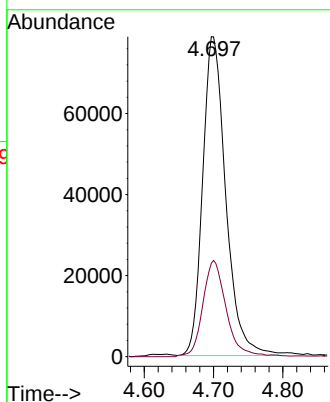
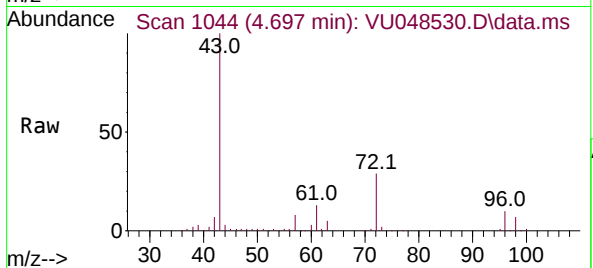
ClientSampleId :

Tgt Ion: 43 Resp: 182226

Ion Ratio Lower Upper

43 100

72 30.3 13.3 39.9



#23

Bromochloromethane

Concen: 50.464 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

Tgt Ion:128 Resp: 60435

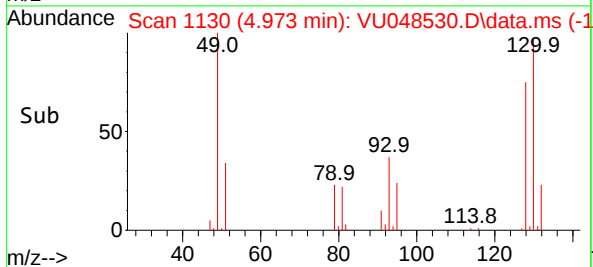
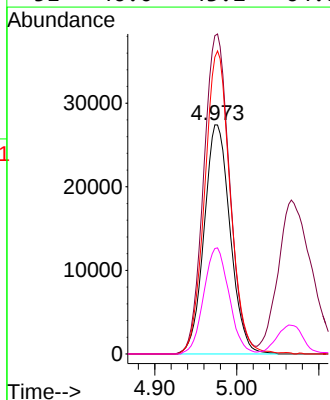
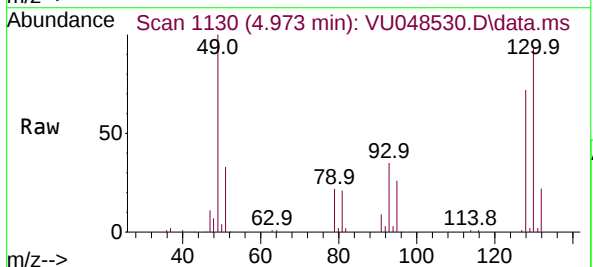
Ion Ratio Lower Upper

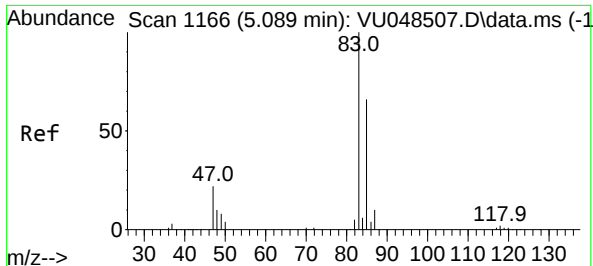
128 100

49 138.9 123.1 228.7

130 129.5 93.6 173.8

51 46.0 43.2 64.8





#25

Chloroform

Concen: 51.466 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

Instrument :

MSVOA_U

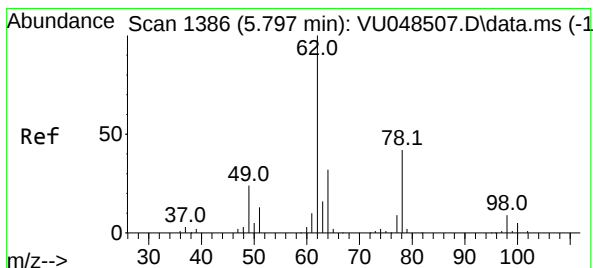
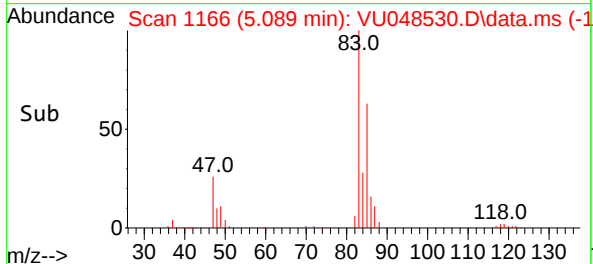
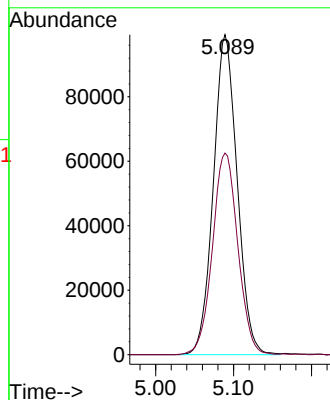
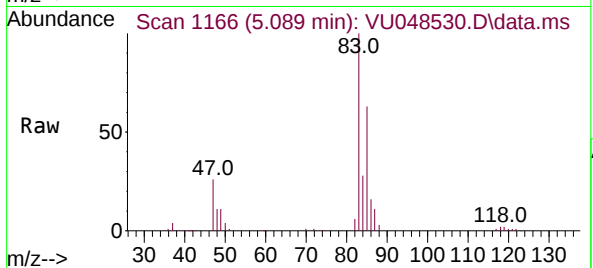
ClientSampleId :

Tgt Ion: 83 Resp: 211029

Ion Ratio Lower Upper

83 100

85 63.0 45.4 84.2



#27

1,2-Dichloroethane

Concen: 53.463 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU048530.D

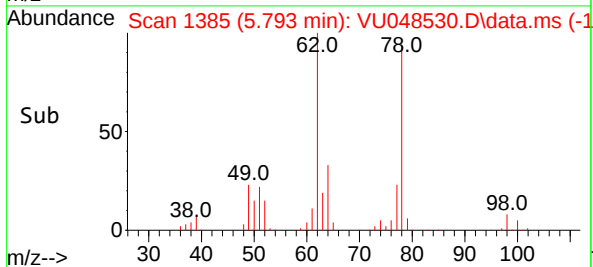
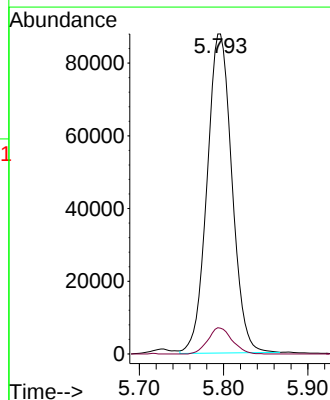
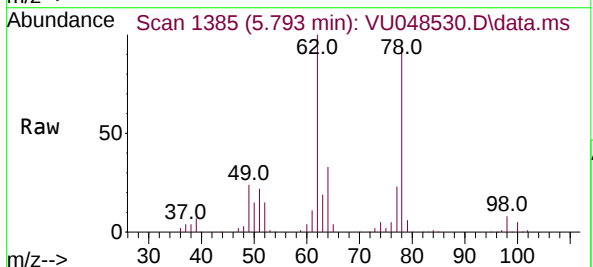
Acq: 12 May 2022 10:06

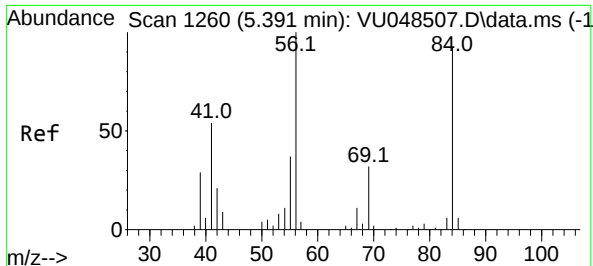
Tgt Ion: 62 Resp: 180235

Ion Ratio Lower Upper

62 100

98 8.2 6.8 10.2





#29

Cyclohexane

Concen: 39.963 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

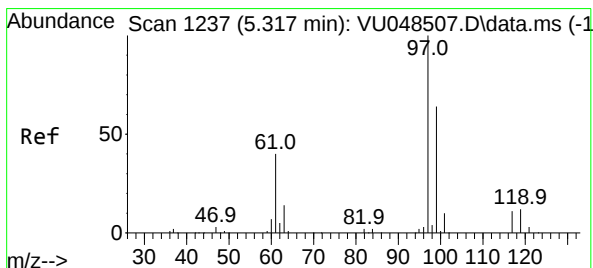
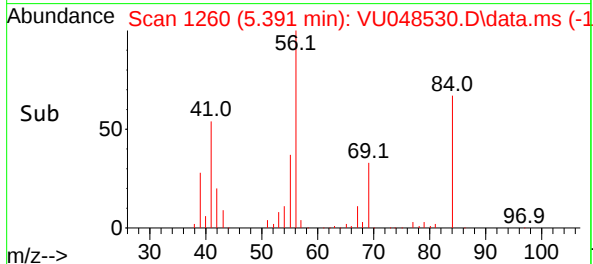
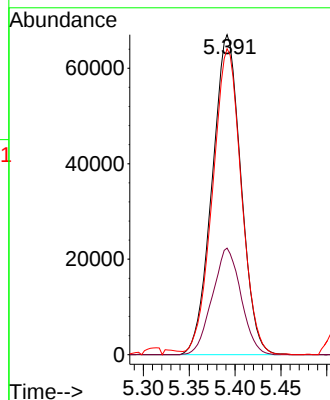
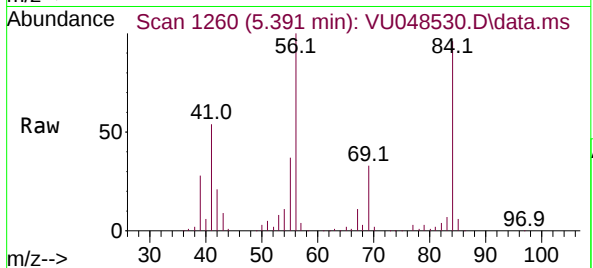
Tgt Ion: 56 Resp: 146335

Ion Ratio Lower Upper

56 100

69 33.1 23.4 35.0

84 95.3 65.5 98.3



#30

1,1,1-Trichloroethane

Concen: 55.936 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

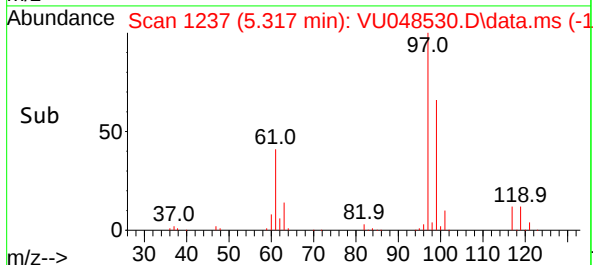
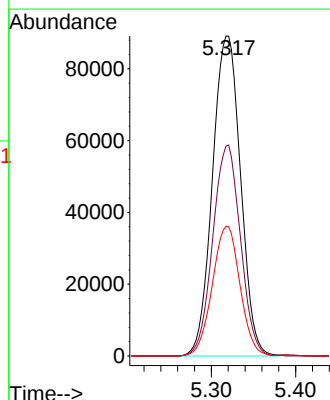
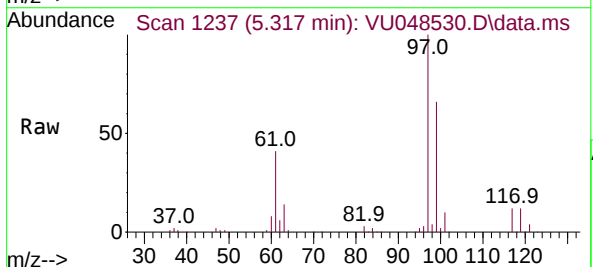
Tgt Ion: 97 Resp: 206134

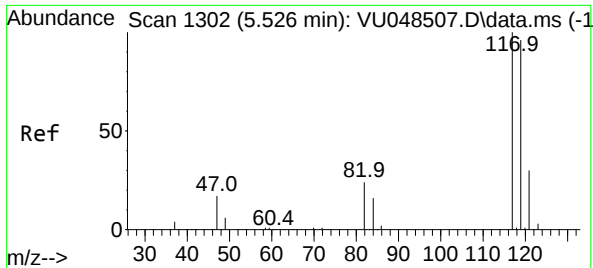
Ion Ratio Lower Upper

97 100

99 65.0 50.5 75.7

61 40.0 35.0 52.4

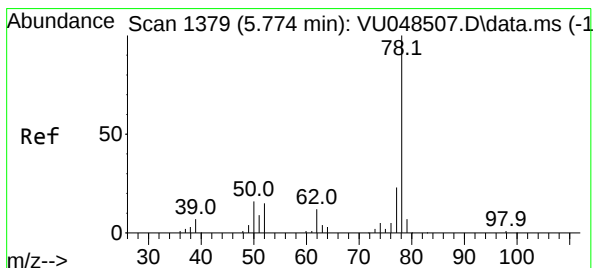
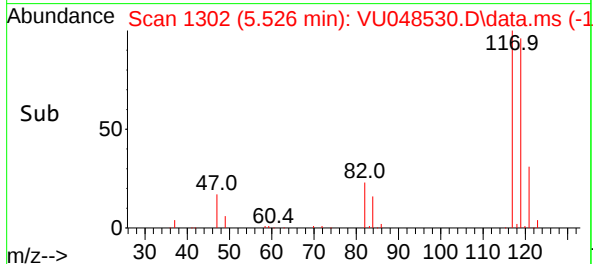
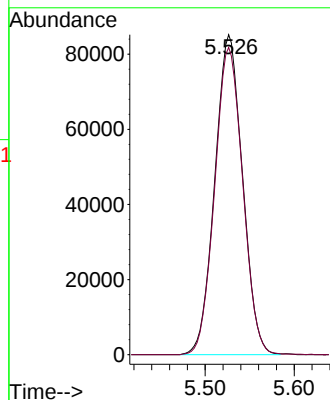
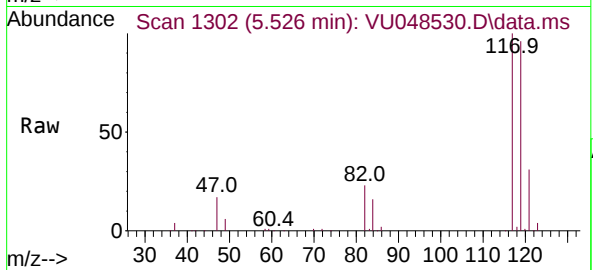




#31
Carbon tetrachloride
Concen: 58.323 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

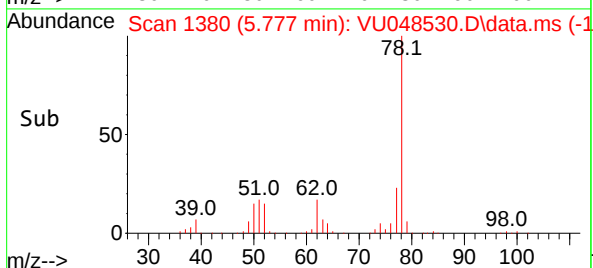
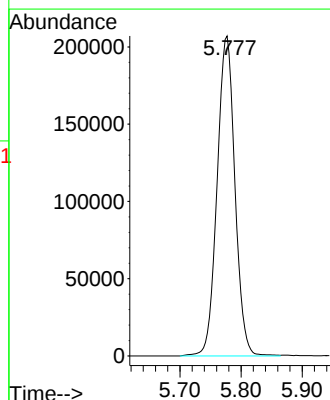
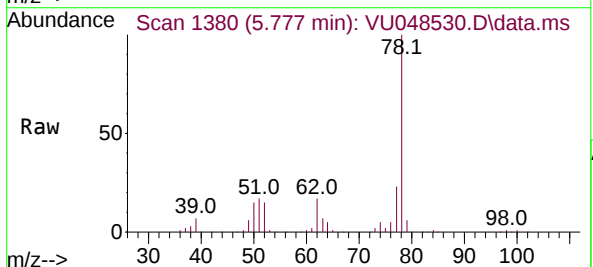
Instrument :
MSVOA_U
ClientSampleId :

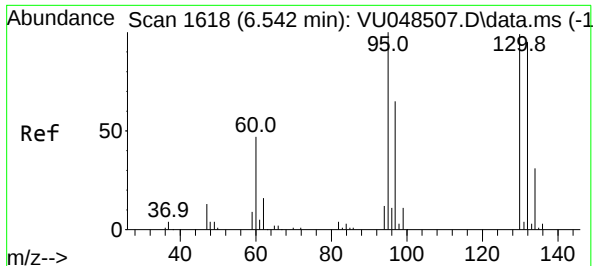
Tgt Ion:117 Resp: 184039
Ion Ratio Lower Upper
117 100
119 97.0 76.5 114.7



#33
Benzene
Concen: 45.997 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

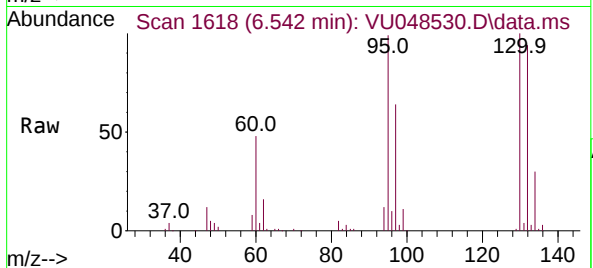
Tgt Ion: 78 Resp: 420253



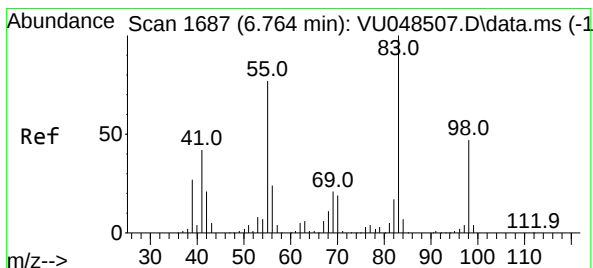
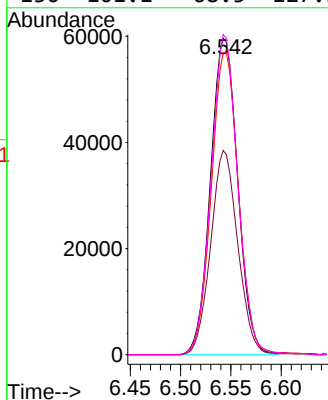
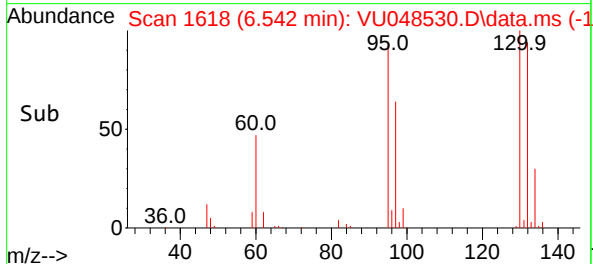


#34
Trichloroethene
Concen: 49.983 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

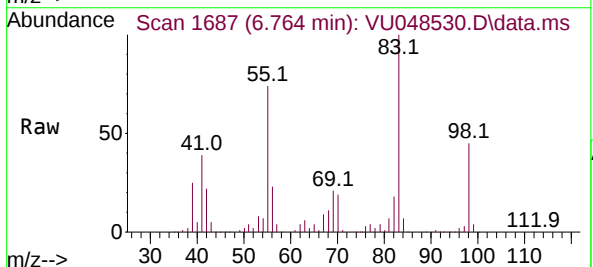
Instrument :
MSVOA_U
ClientSampleId :



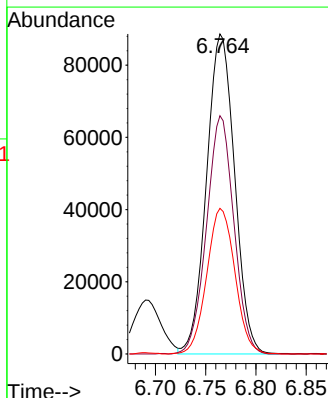
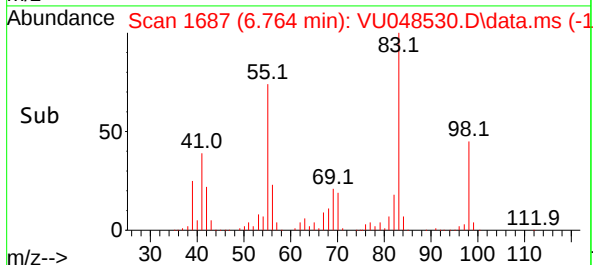
Tgt Ion: 95 Resp: 112256
Ion Ratio Lower Upper
95 100
97 64.5 46.6 86.6
132 95.3 67.3 124.9
130 101.1 68.5 127.1

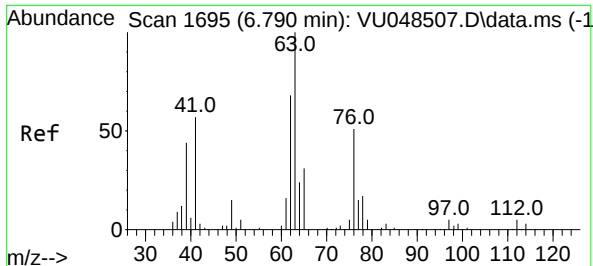


#35
Methylcyclohexane
Concen: 48.094 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06



Tgt Ion: 83 Resp: 172334
Ion Ratio Lower Upper
83 100
55 72.3 63.4 95.2
98 45.6 35.9 53.9





#37

1,2-Dichloropropane

Concen: 42.224 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

Instrument :

MSVOA_U

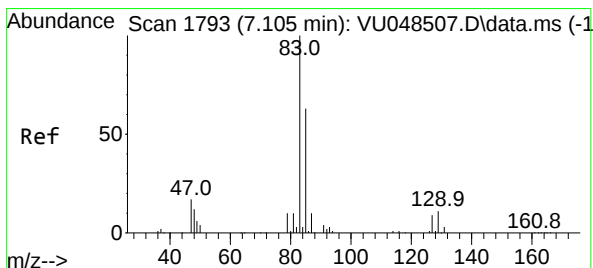
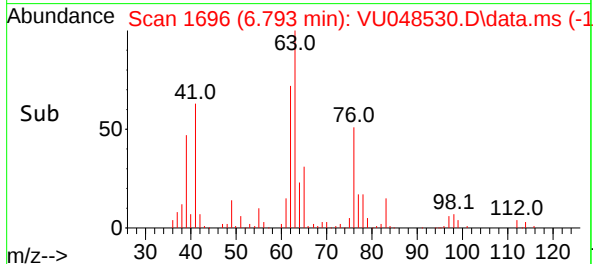
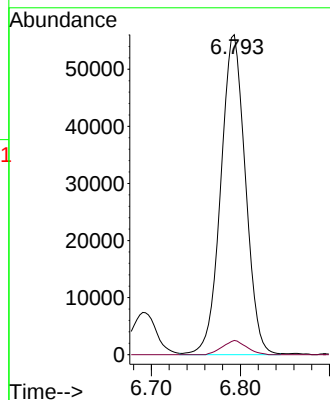
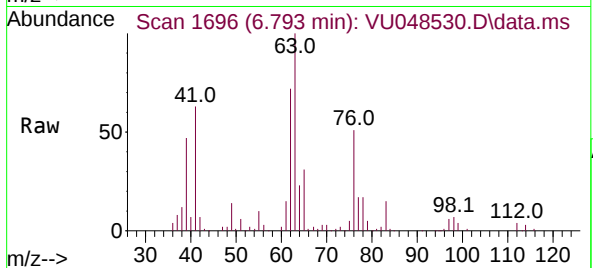
ClientSampleId :

Tgt Ion: 63 Resp: 107673

Ion Ratio Lower Upper

63 100

112 4.3 3.1 4.7



#38

Bromodichloromethane

Concen: 53.138 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

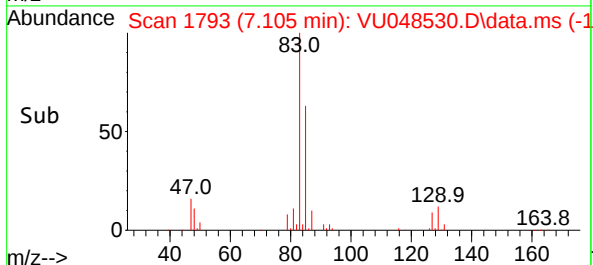
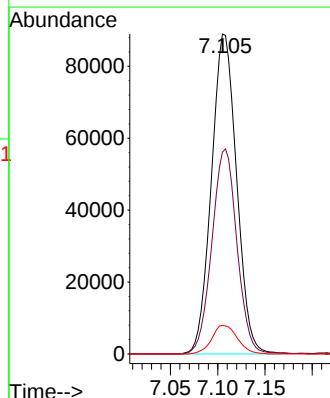
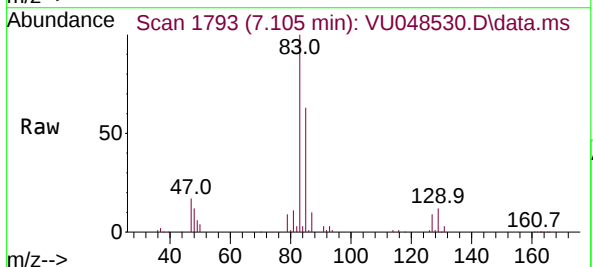
Tgt Ion: 83 Resp: 164992

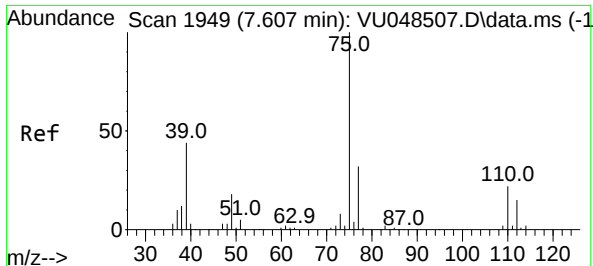
Ion Ratio Lower Upper

83 100

85 63.1 45.5 84.5

127 8.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 49.438 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

Instrument :

MSVOA_U

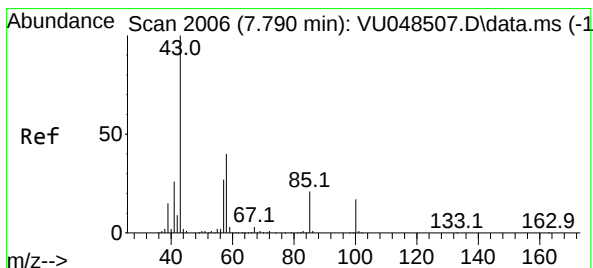
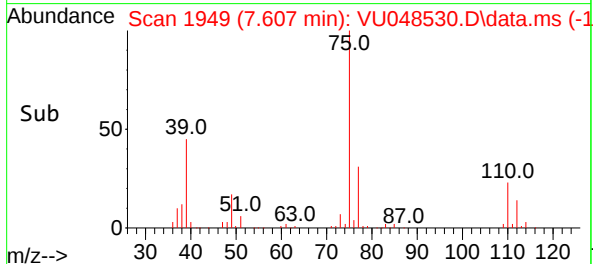
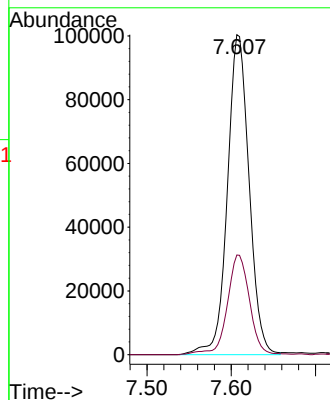
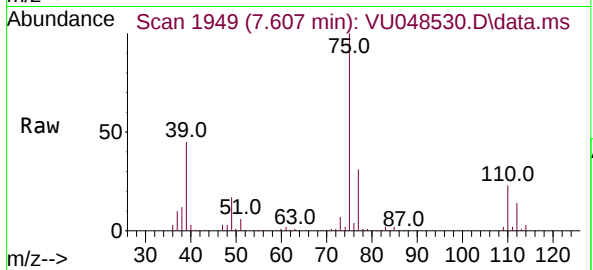
ClientSampleId :

Tgt Ion: 75 Resp: 179315

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 76.739 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

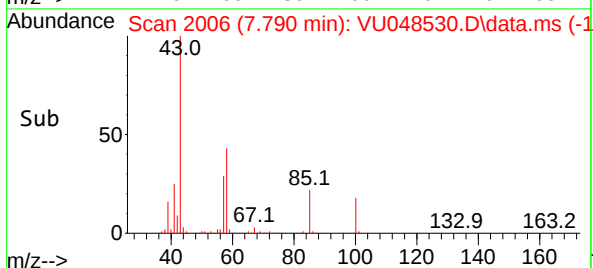
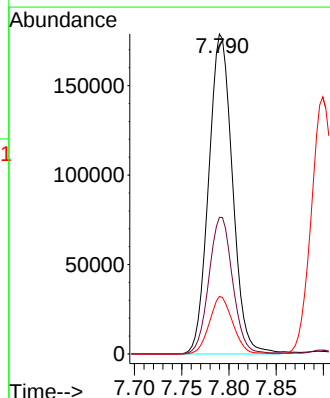
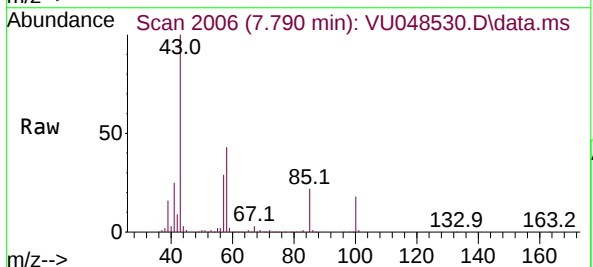
Tgt Ion: 43 Resp: 313542

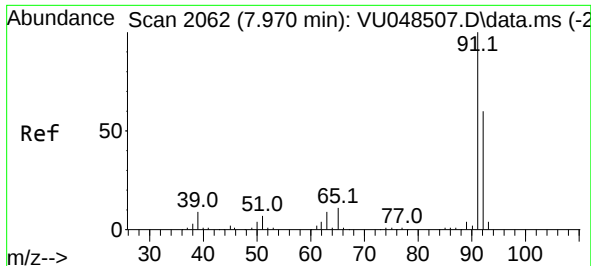
Ion Ratio Lower Upper

43 100

58 42.7 31.0 46.4

100 17.6 11.2 16.8#





#42

Toluene

Concen: 48.962 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

Instrument :

MSVOA_U

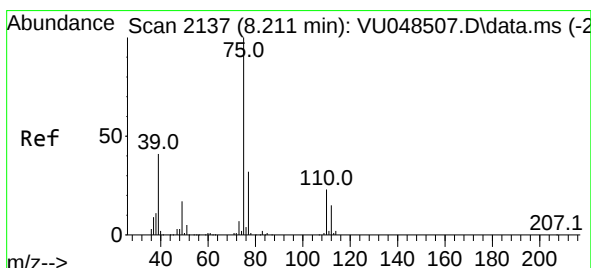
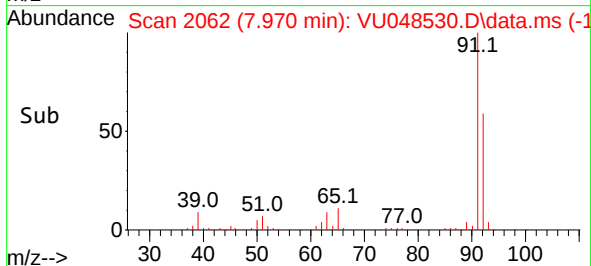
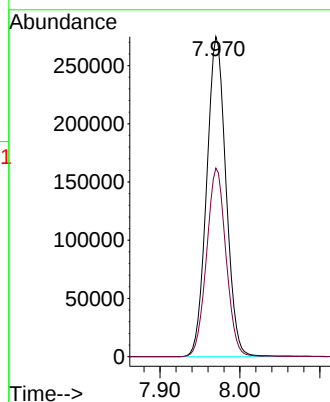
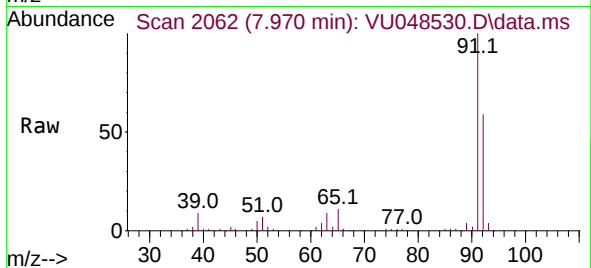
ClientSampleId :

Tgt Ion: 91 Resp: 461696

Ion Ratio Lower Upper

91 100

92 59.0 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 52.581 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048530.D

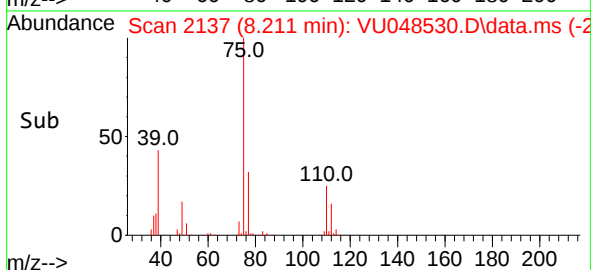
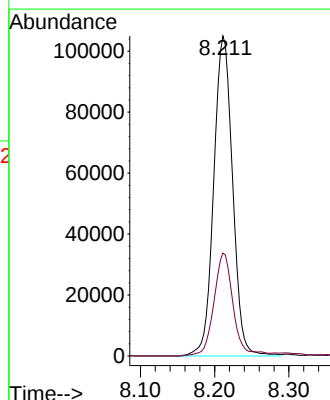
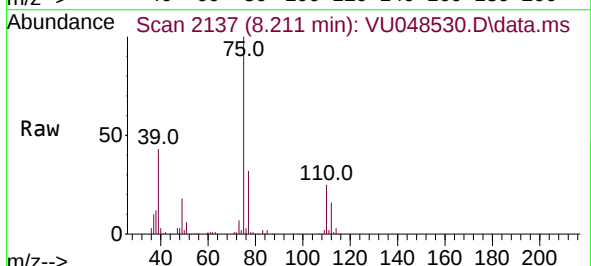
Acq: 12 May 2022 10:06

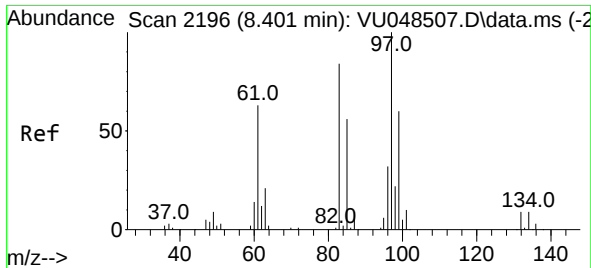
Tgt Ion: 75 Resp: 185335

Ion Ratio Lower Upper

75 100

77 32.2 22.6 42.0

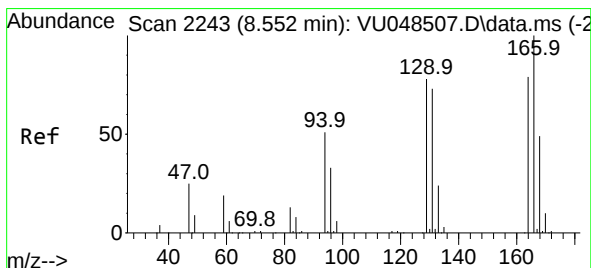
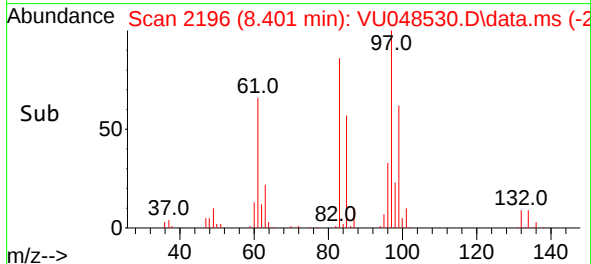
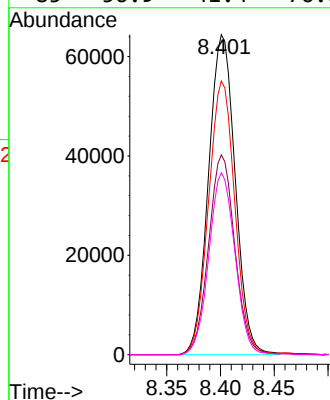
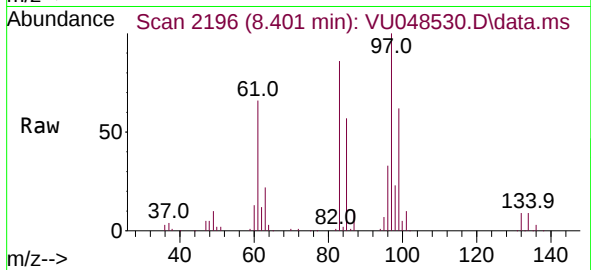




#45
1,1,2-Trichloroethane
Concen: 48.255 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

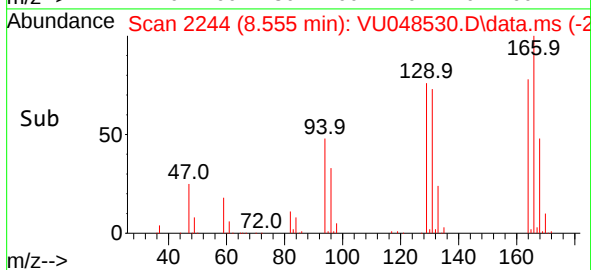
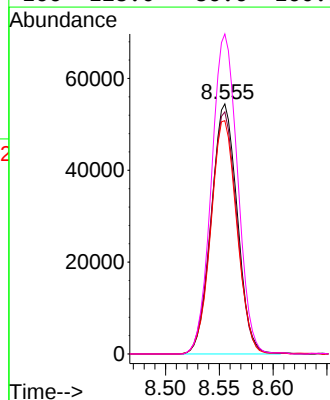
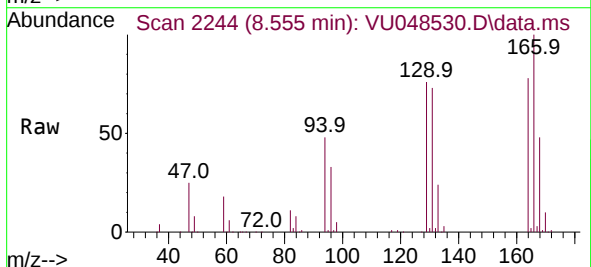
Instrument :
MSVOA_U
ClientSampleId :

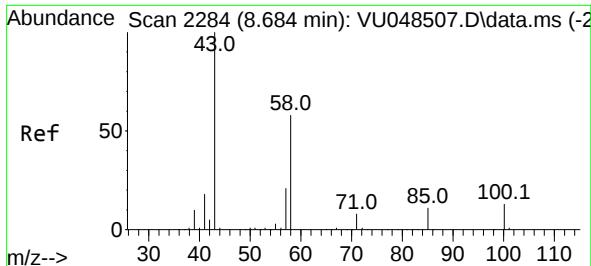
Tgt Ion:	97	Resp:	111281
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.5	80.9
83	85.6	60.5	112.5
85	56.9	41.4	76.8



#46
Tetrachloroethene
Concen: 54.134 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

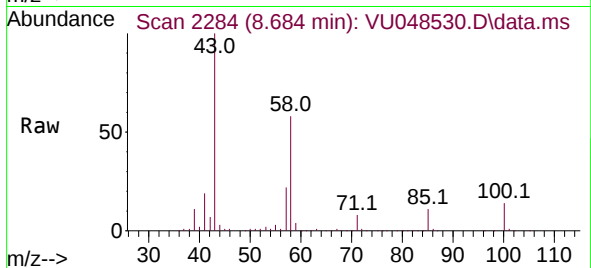
Tgt Ion:	164	Resp:	91333
Ion	Ratio	Lower	Upper
164	100		
129	96.8	69.2	128.6
131	93.3	65.2	121.0
166	128.0	86.6	160.8



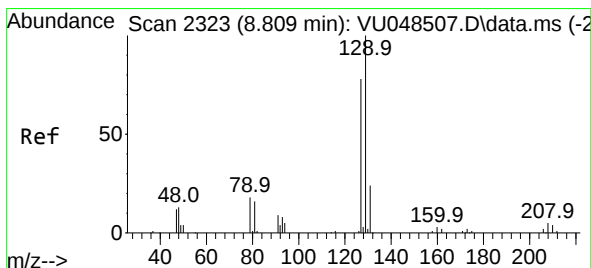
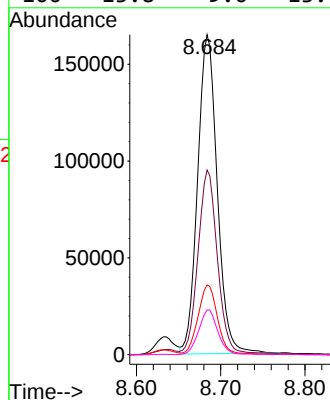
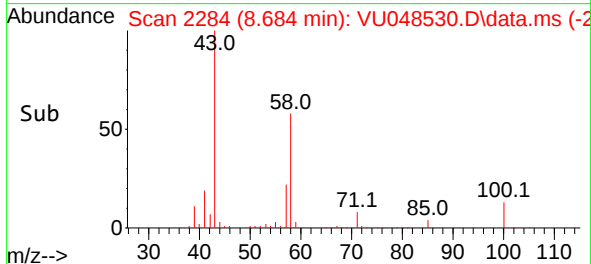


#48
2-Hexanone
Concen: 78.732 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

Instrument :
MSVOA_U
ClientSampleId :

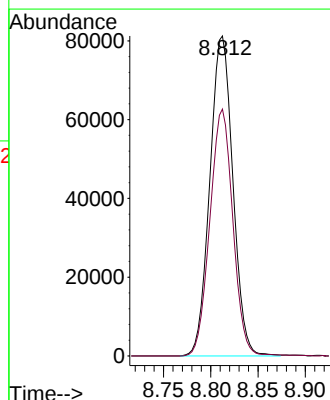
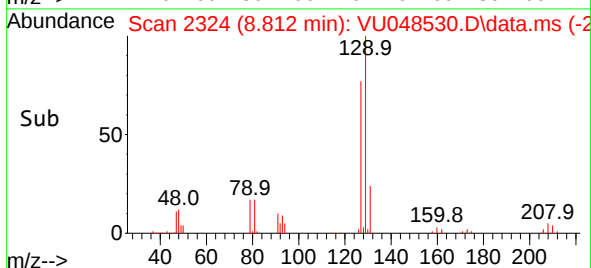
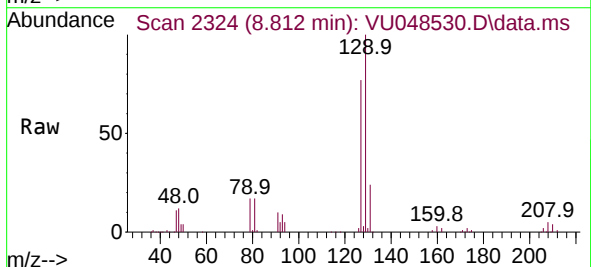


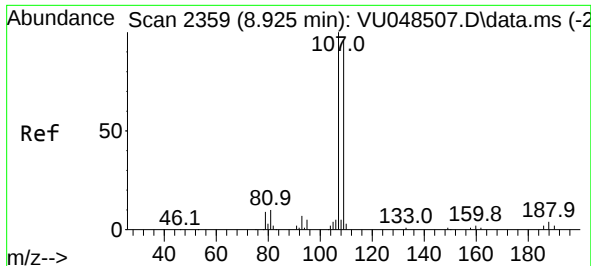
Tgt Ion: 43 Resp: 267342
Ion Ratio Lower Upper
43 100
58 56.2 44.3 66.5
57 22.1 15.7 23.5
100 13.8 9.0 13.4#



#49
Dibromochloromethane
Concen: 55.675 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

Tgt Ion:129 Resp: 137883
Ion Ratio Lower Upper
129 100
127 77.2 55.2 102.4

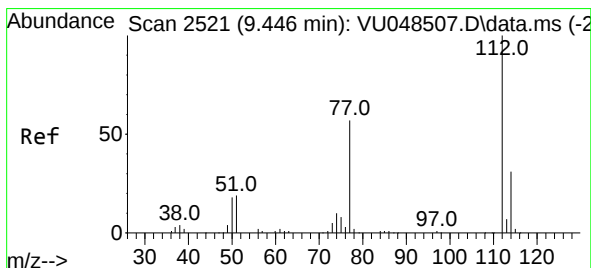
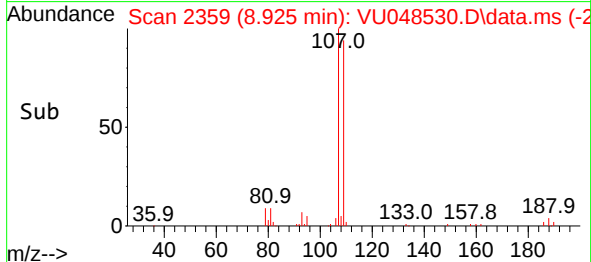
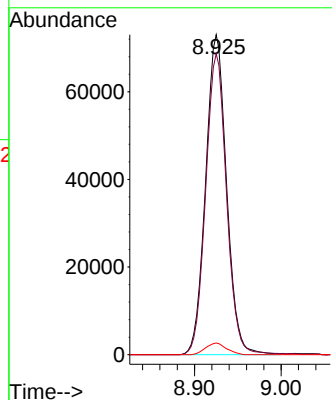
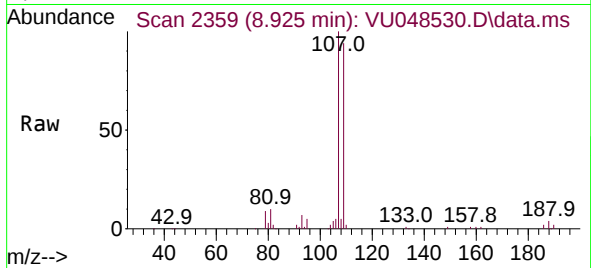




#50
1,2-Dibromoethane
Concen: 50.311 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

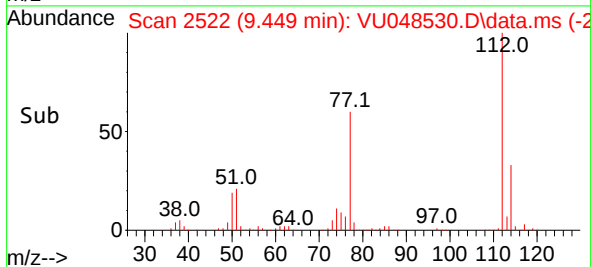
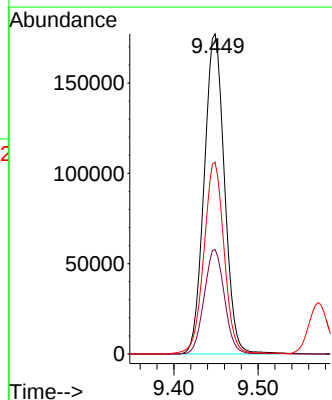
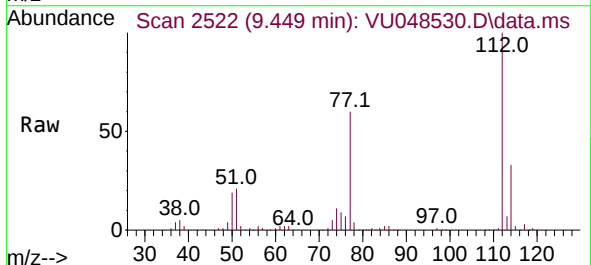
Instrument :
MSVOA_U
ClientSampleId :

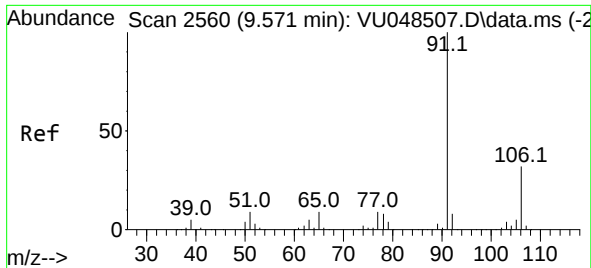
Tgt Ion:107 Resp: 122644
Ion Ratio Lower Upper
107 100
109 94.1 65.7 122.1
188 3.8 2.9 4.3



#51
Chlorobenzene
Concen: 50.074 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

Tgt Ion:112 Resp: 297519
Ion Ratio Lower Upper
112 100
114 32.7 23.0 42.6
77 59.9 48.4 72.6

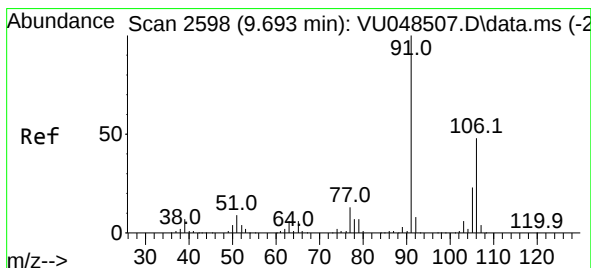
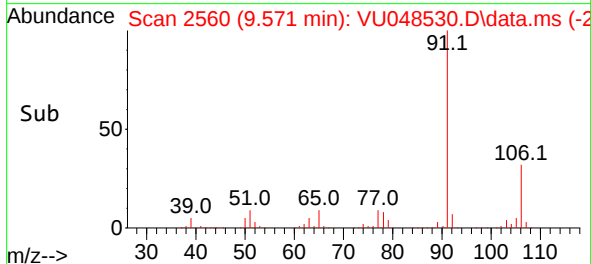
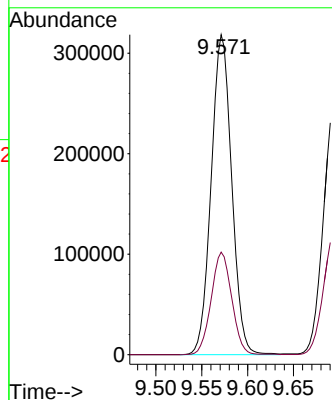
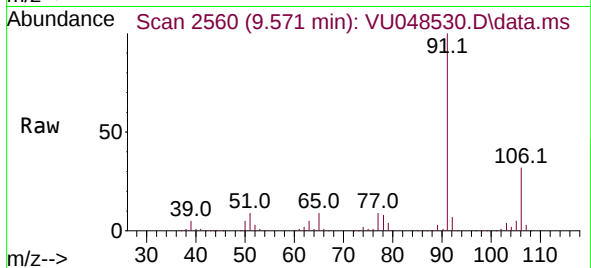




#52
Ethylbenzene
Concen: 50.447 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

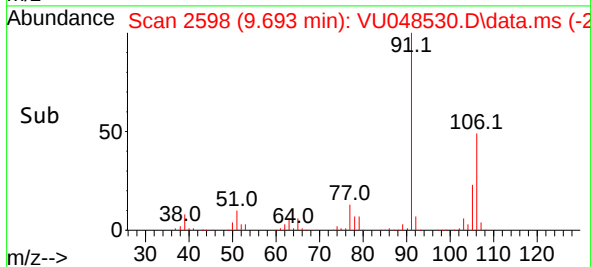
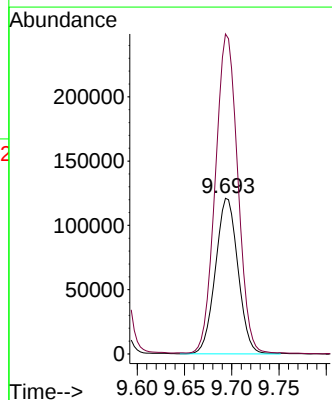
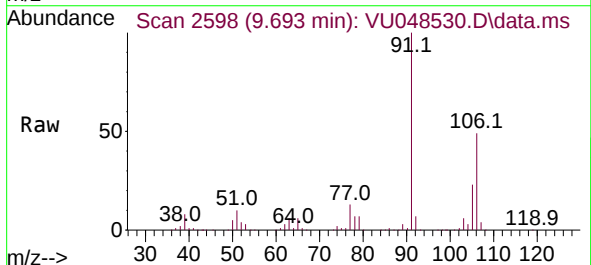
Instrument :
MSVOA_U
ClientSampleId :

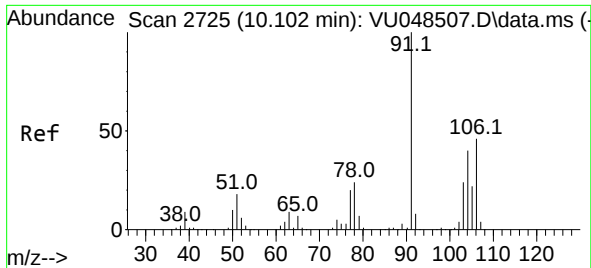
Tgt Ion: 91 Resp: 495540
Ion Ratio Lower Upper
91 100
106 32.0 21.7 40.3



#53
m,p-Xylene
Concen: 52.925 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

Tgt Ion:106 Resp: 200673
Ion Ratio Lower Upper
106 100
91 205.5 144.1 267.7

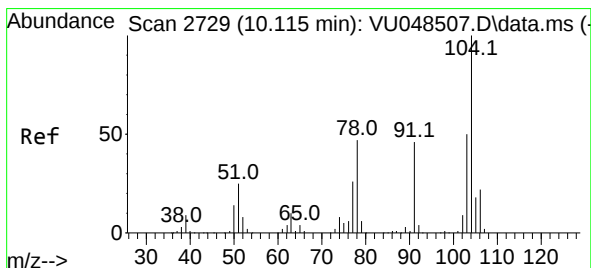
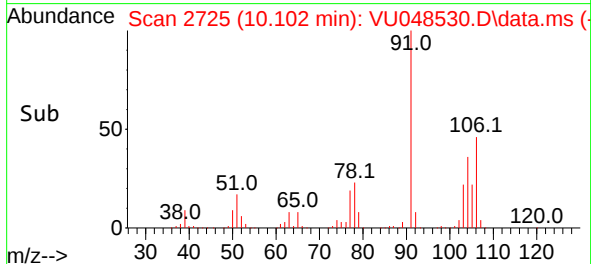
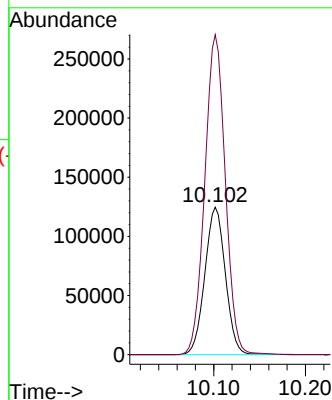
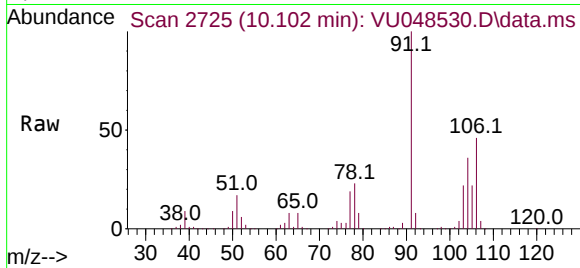




#54
o-Xylene
Concen: 50.902 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

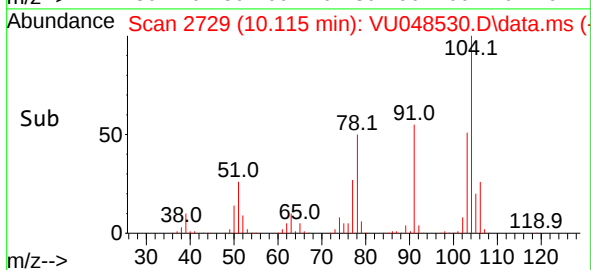
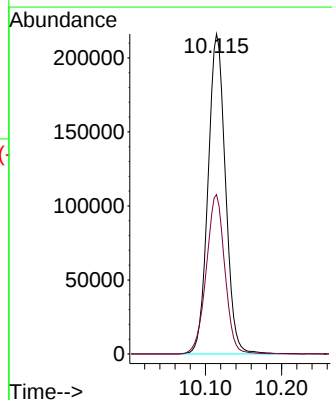
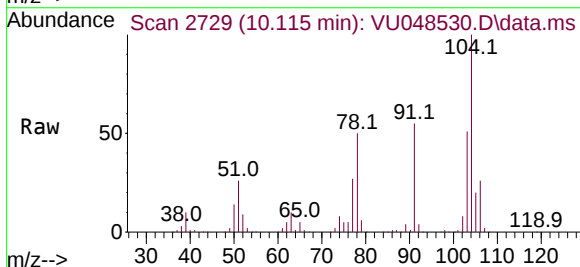
Instrument :
MSVOA_U
ClientSampleId :

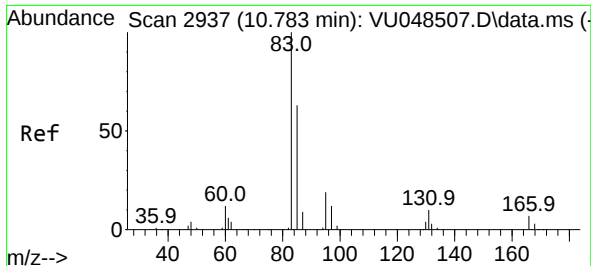
Tgt Ion:106 Resp: 194173
Ion Ratio Lower Upper
106 100
91 217.0 148.8 276.4



#55
Styrene
Concen: 55.501 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

Tgt Ion:104 Resp: 344229
Ion Ratio Lower Upper
104 100
78 49.8 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 43.108 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

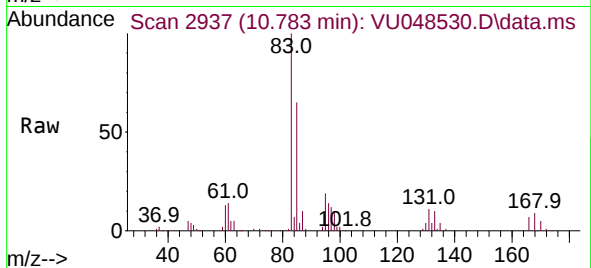
Lab File: VU048530.D

Acq: 12 May 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :



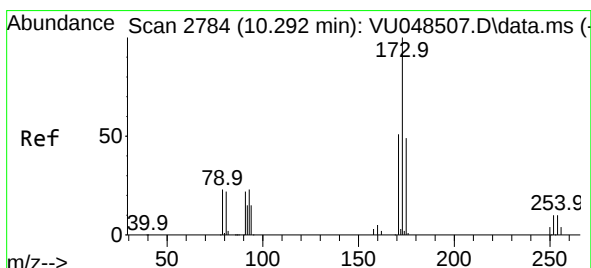
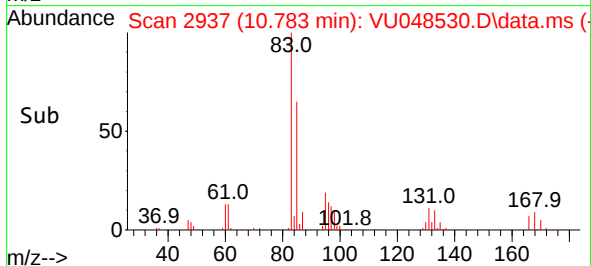
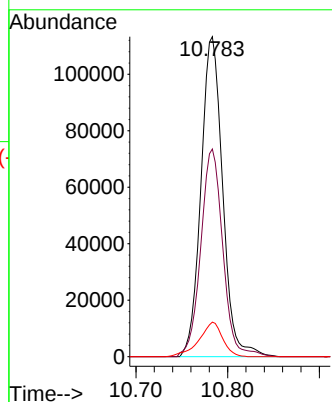
Tgt Ion: 83 Resp: 186319

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.4

131 10.8 7.4 11.0



#59

Bromoform

Concen: 47.436 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

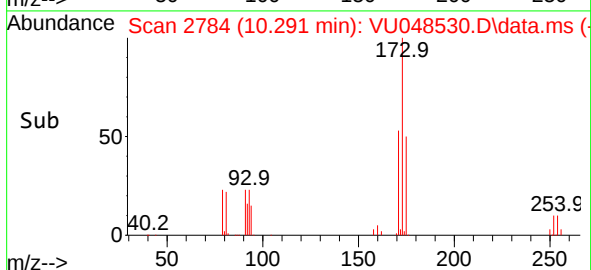
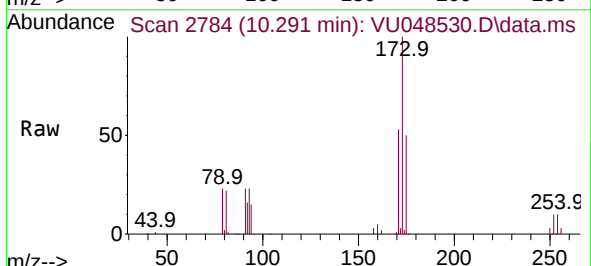
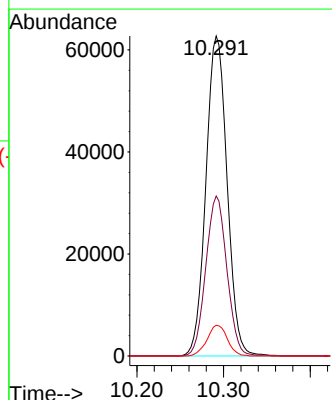
Tgt Ion:173 Resp: 106487

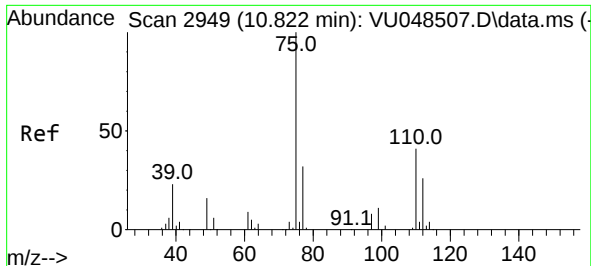
Ion Ratio Lower Upper

173 100

175 49.8 39.1 58.7

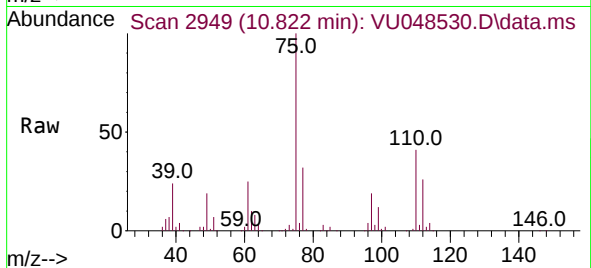
254 9.2 7.3 10.9



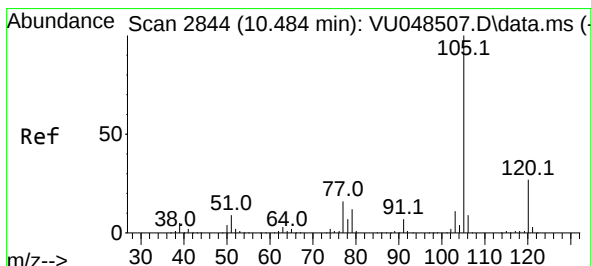
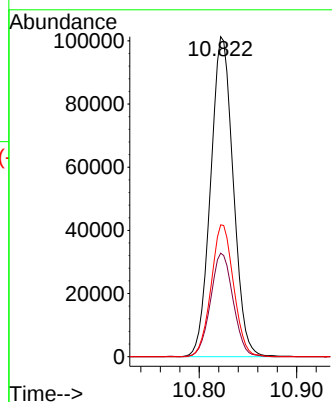
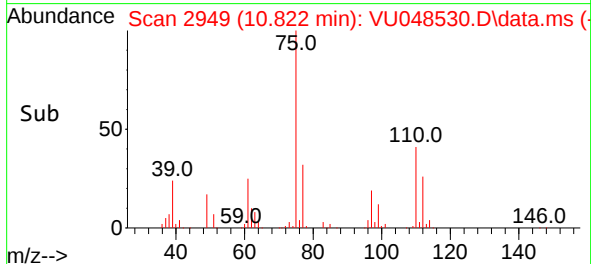


#60
1,2,3-Trichloropropane
Concen: 39.583 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

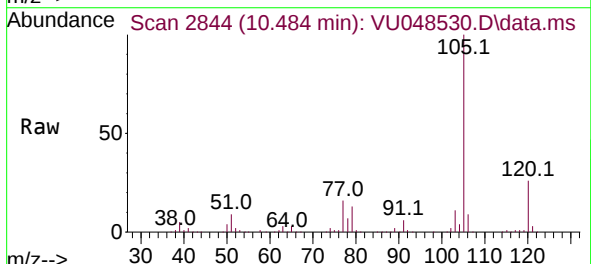
Instrument :
MSVOA_U
ClientSampleId :



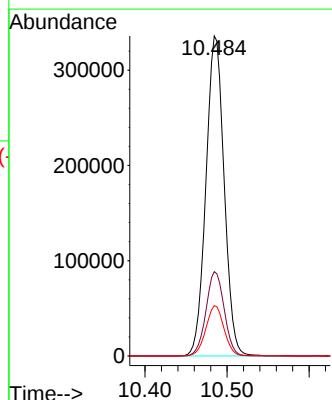
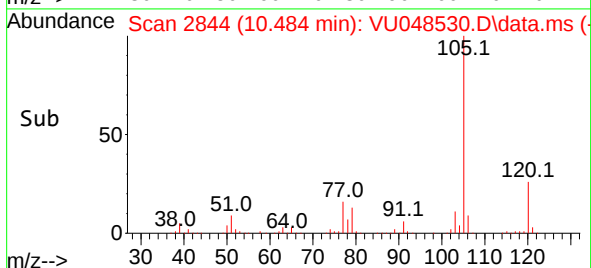
Tgt Ion: 75 Resp: 163549
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3
110 40.9 28.9 43.3

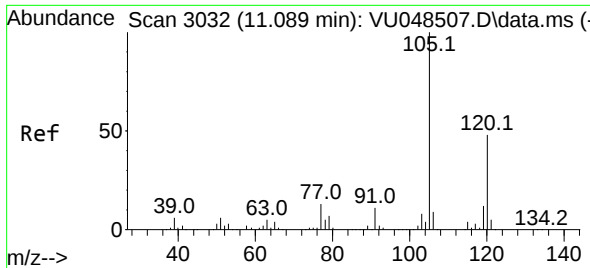


#61
Isopropylbenzene
Concen: 46.645 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06



Tgt Ion: 105 Resp: 517359
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.4
77 15.7 12.5 18.7

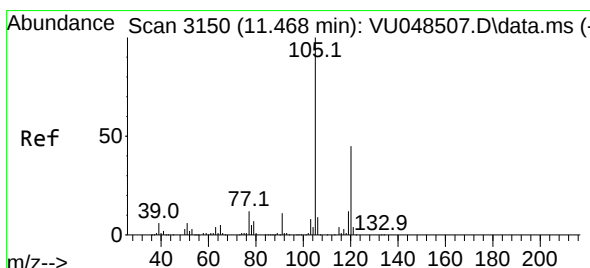
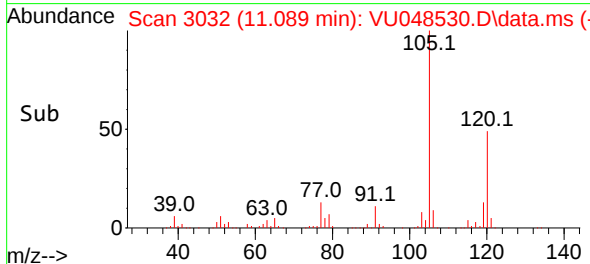
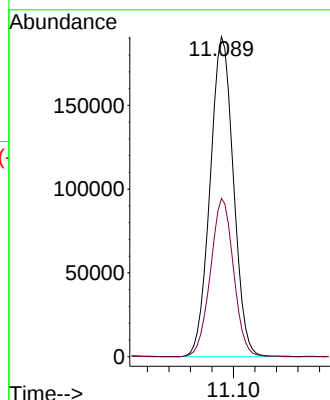
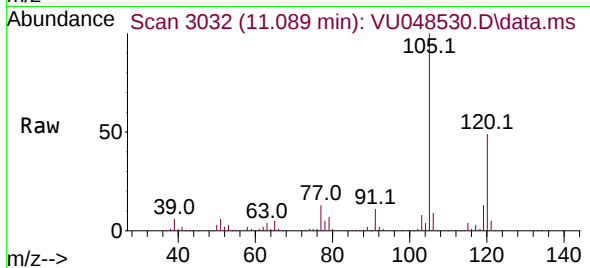




#62
 1,3,5-Trimethylbenzene
 Concen: 47.081 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU048530.D
 Acq: 12 May 2022 10:06

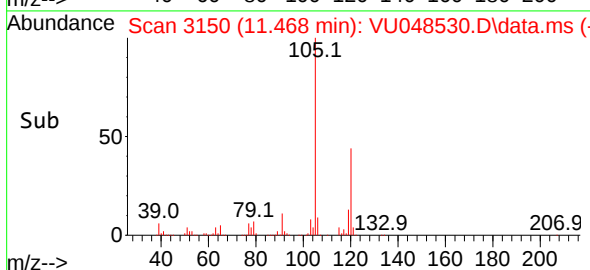
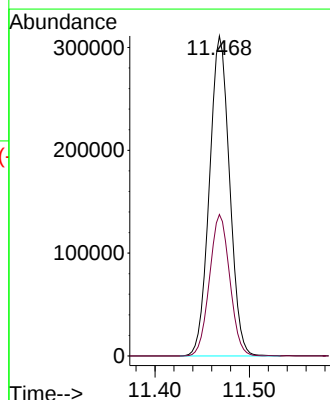
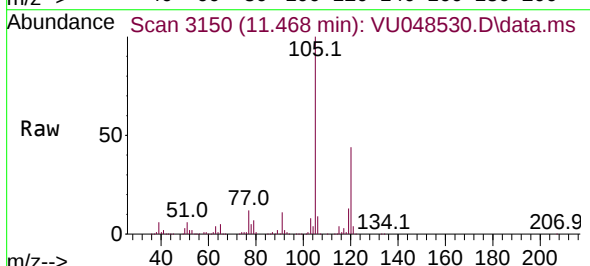
Instrument :
 MSVOA_U
 ClientSampleId :

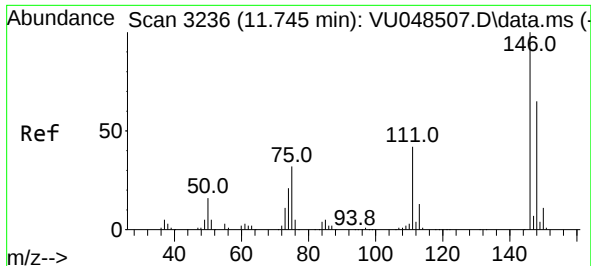
Tgt Ion:105 Resp: 287861
 Ion Ratio Lower Upper
 105 100
 120 48.9 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 50.572 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU048530.D
 Acq: 12 May 2022 10:06

Tgt Ion:105 Resp: 460490
 Ion Ratio Lower Upper
 105 100
 120 44.3 35.4 53.2

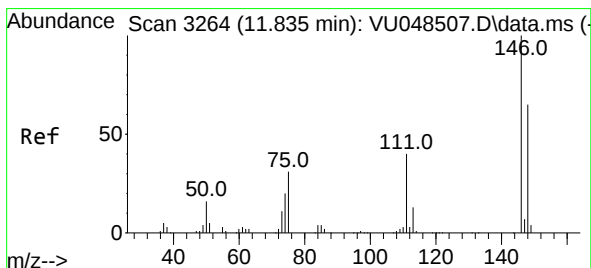
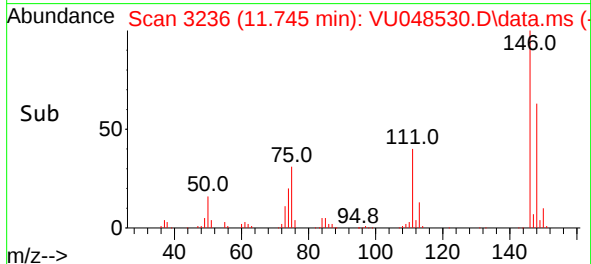
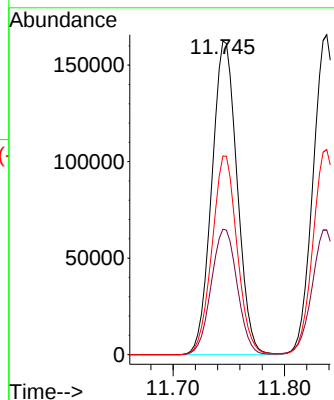
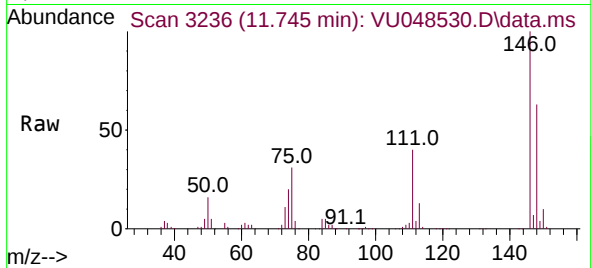




#64
1,3-Dichlorobenzene
Concen: 49.078 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

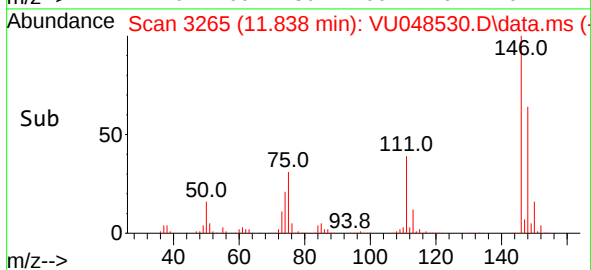
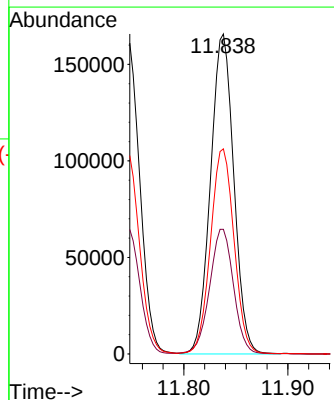
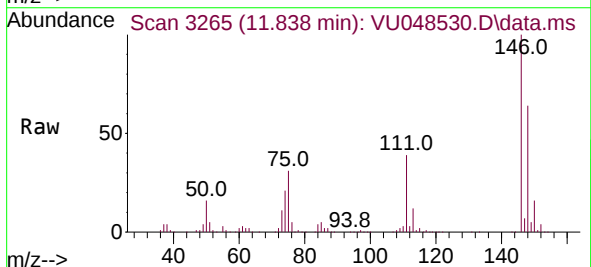
Instrument :
MSVOA_U
ClientSampleId :

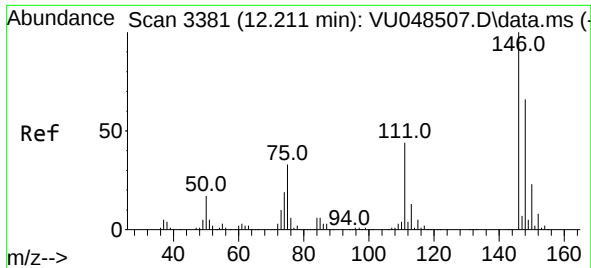
Tgt Ion:146 Resp: 256730
Ion Ratio Lower Upper
146 100
111 40.0 28.3 52.7
148 63.4 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 49.202 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

Tgt Ion:146 Resp: 258048
Ion Ratio Lower Upper
146 100
111 39.0 28.4 52.8
148 64.1 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 48.154 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

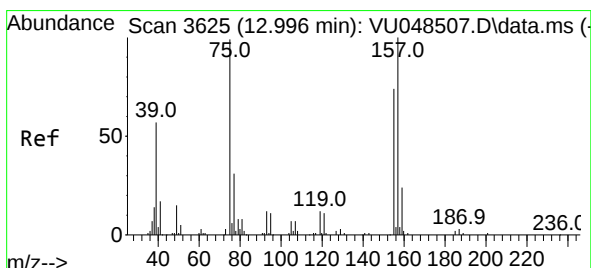
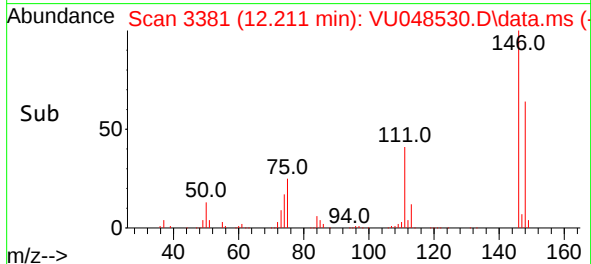
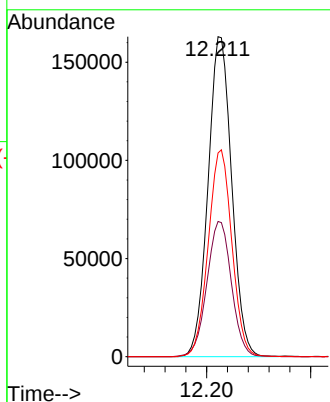
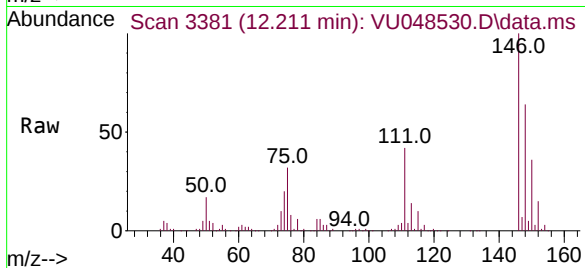
Tgt Ion:146 Resp: 257776

Ion Ratio Lower Upper

146 100

111 42.3 34.9 52.3

148 63.6 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 49.340 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU048530.D

Acq: 12 May 2022 10:06

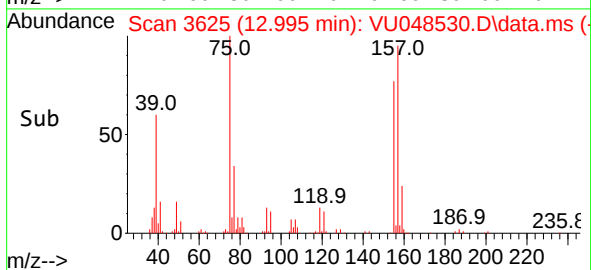
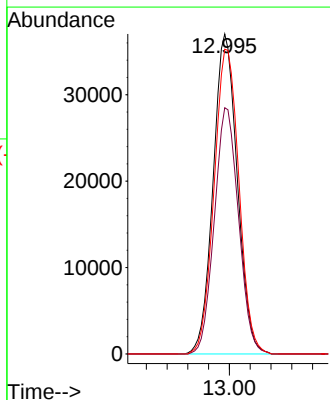
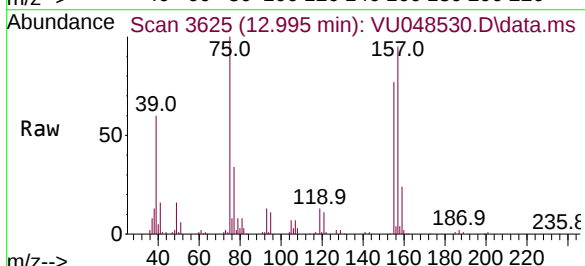
Tgt Ion: 75 Resp: 59751

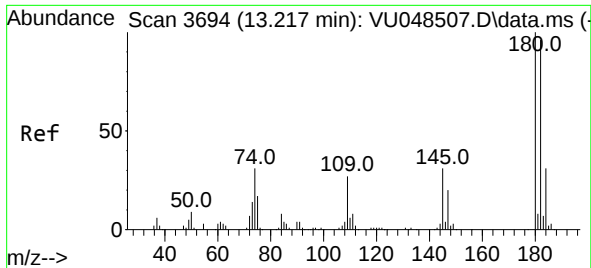
Ion Ratio Lower Upper

75 100

155 76.9 63.4 95.0

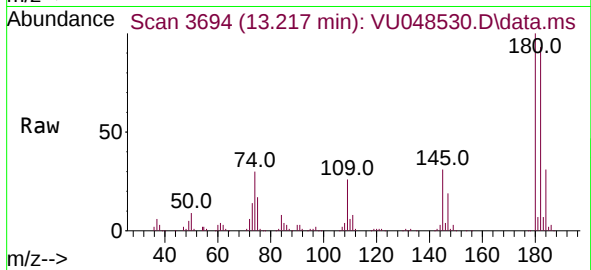
157 95.3 82.2 123.2



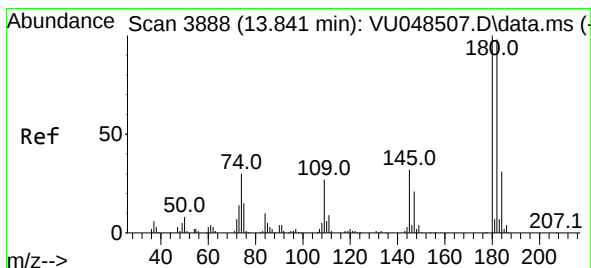
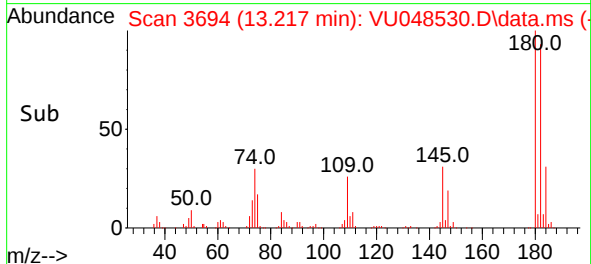
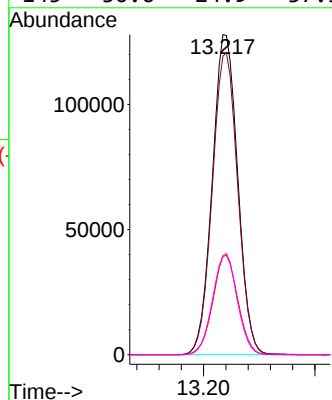


#69
 1,3,5-Trichlorobenzene
 Concen: 54.691 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU048530.D
 Acq: 12 May 2022 10:06

Instrument :
 MSVOA_U
 ClientSampleId :

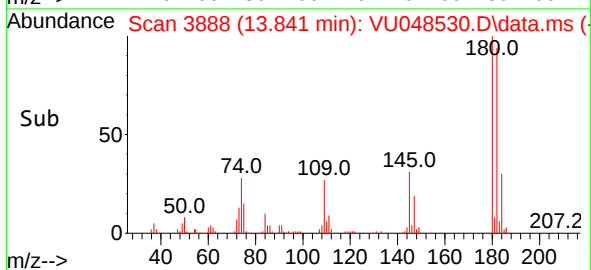
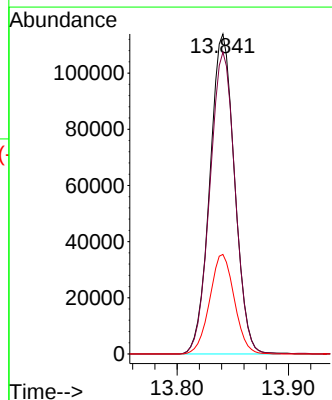
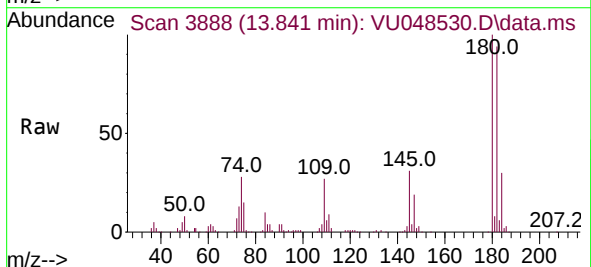


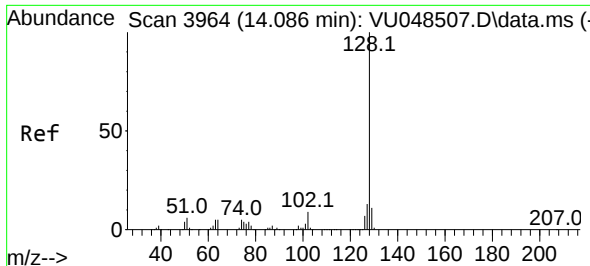
Tgt Ion:180 Resp: 202282
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.7 113.5
 184 30.6 23.8 35.8
 145 30.6 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 54.633 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048530.D
 Acq: 12 May 2022 10:06

Tgt Ion:180 Resp: 175481
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.1 115.7
 145 31.0 24.9 37.3

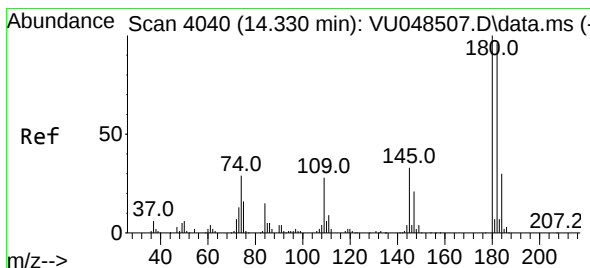
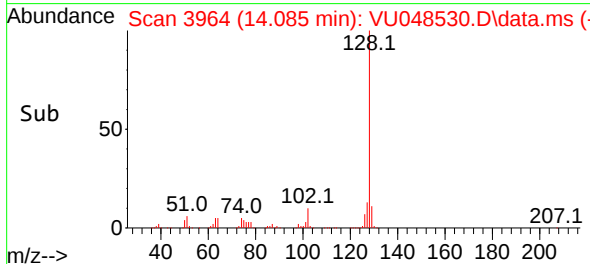
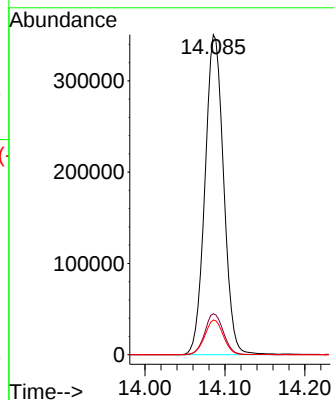
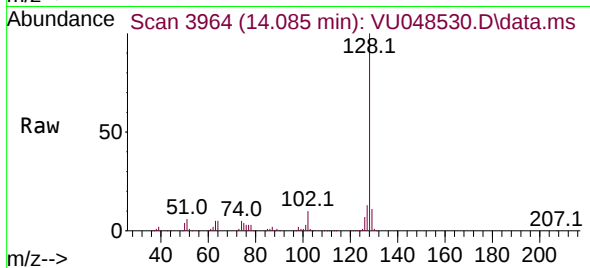




#71
Naphthalene
Concen: 45.957 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 568462
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 52.855 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048530.D
Acq: 12 May 2022 10:06

Tgt Ion:180 Resp: 180563
Ion Ratio Lower Upper
180 100
182 96.3 75.4 113.2
145 33.9 26.4 39.6

