

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049461.D
 Acq On : 28 Jun 2022 16:21
 Operator : SY/MD
 Sample : N3480-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 40814

Quant Time: Jun 28 17:17:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	305189	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	523908	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	478198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	229101	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	199080	42.356	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.720%
35) Dibromofluoromethane	5.289	113	163326	44.559	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.120%
50) Toluene-d8	7.896	98	634288	48.517	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.040%
62) 4-Bromofluorobenzene	10.632	95	236474	47.219	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.440%

Target Compounds				Qvalue		
3) Chloromethane	1.520	50	1830	Below Cal		100
6) Chloroethane	1.929	64	19	1.923	ug/l #	44
10) Methyl Iodide	2.719	142	48	7.525	ug/l #	43
11) Tert butyl alcohol	3.186	59	10419	9.471	ug/l #	52
16) Acetone	2.626	43	413121	174.295	ug/l	99
17) Carbon Disulfide	2.790	76	2442	0.236	ug/l	95
18) Methyl Acetate	2.777	43	3997	0.623	ug/l #	47
20) Methylene Chloride	3.044	84	545	Below Cal	#	74
25) 2-Butanone	4.710	43	33707	9.489	ug/l	95
29) Tetrahydrofuran	5.057	42	825	0.339	ug/l #	52
31) Cyclohexane	5.369	56	6129	0.868	ug/l #	1
36) 1,1-Dichloropropene	5.369	75	23692	4.458	ug/l #	49
37) Ethyl Acetate	4.710	43	33707	4.641	ug/l #	71
38) Carbon Tetrachloride	5.372	117	31374	5.629	ug/l #	16
43) Isopropyl Acetate	6.157	43	22339	2.099	ug/l #	58
44) Trichloroethene	6.539	130	1112	0.292	ug/l	93
51) 4-Methyl-2-Pentanone	7.793	43	20416	2.867	ug/l	93
52) Toluene	7.970	92	48016	5.035	ug/l	99
59) 2-Hexanone	8.690	43	6758	1.207	ug/l	91
67) Ethyl Benzene	9.571	91	20040	1.117	ug/l	98
68) m/p-Xylenes	9.693	106	10214	1.538	ug/l	87
69) o-Xylene	10.099	106	51769	7.853	ug/l	88
70) Styrene	10.099	104	3279	0.310	ug/l #	1
73) Isopropylbenzene	10.484	105	8259	0.506	ug/l	95
74) N-ethyl acetate	10.391	43	5891	0.682	ug/l #	40
76) 1,2,3-Trichloropropane	10.632	75	116416	14.990	ug/l #	46
78) n-propylbenzene	10.906	91	16185	0.816	ug/l	97
79) 2-Chlorotoluene	10.999	91	6368	0.521	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.089	105	59478	4.175	ug/l	96
81) trans-1,4-Dichloro-2-b...	10.632	75	116416	55.356	ug/l #	15
82) 4-Chlorotoluene	11.089	91	6672	0.486	ug/l #	43
84) 1,2,4-Trimethylbenzene	11.468	105	63530	4.539	ug/l	95
85) sec-Butylbenzene	11.645	105	6635	0.377	ug/l	96
86) p-Isopropyltoluene	11.745	119	13425	0.942	ug/l	96
89) n-Butylbenzene	12.195	91	27127	2.057	ug/l #	23
90) Hexachloroethane	12.465	117	3668	1.292	ug/l #	5

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 Response via : Initial Calibration

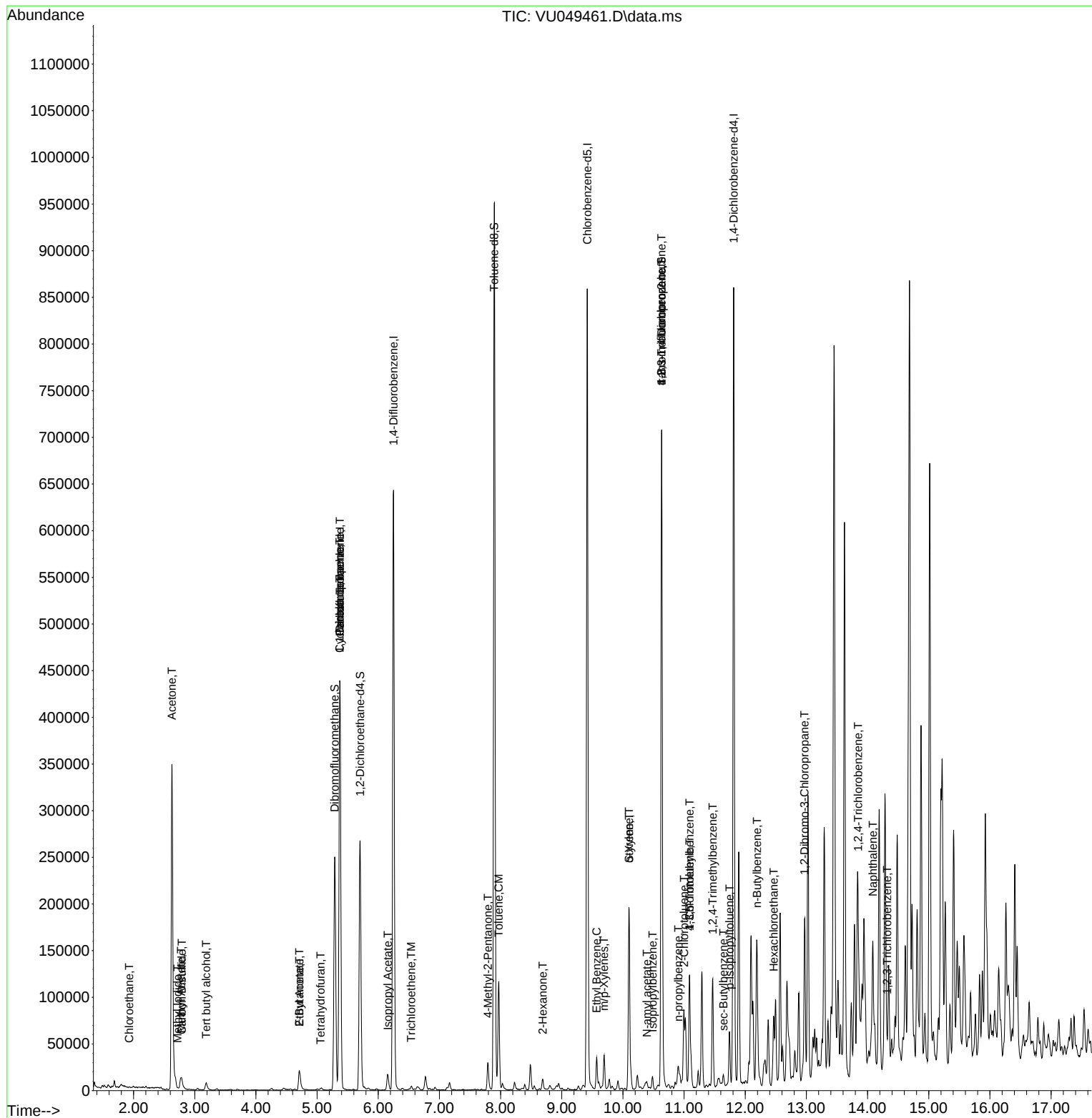
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	12.970	75	906	0.511	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.844	180	192	1.790	ug/l #	1
95) Naphthalene	14.086	128	105719	7.425	ug/l	96
96) 1,2,3-Trichlorobenzene	14.324	180	214	1.217	ug/l #	36

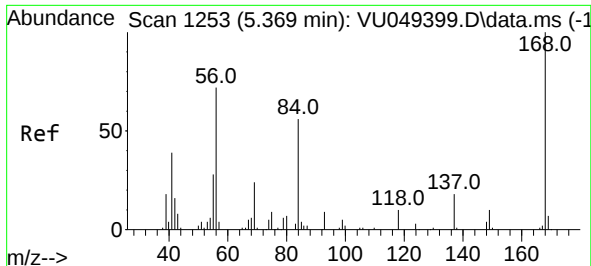
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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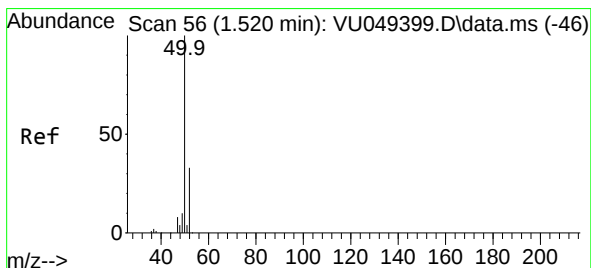
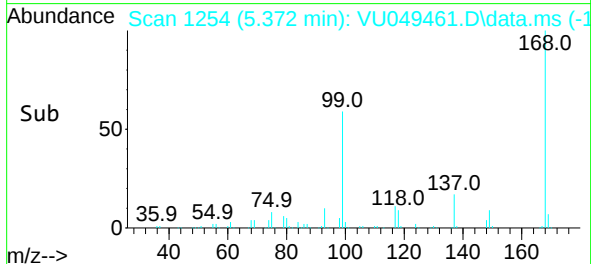
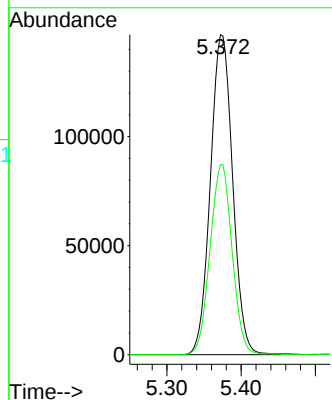
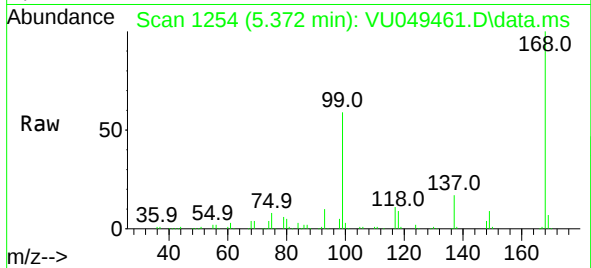




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

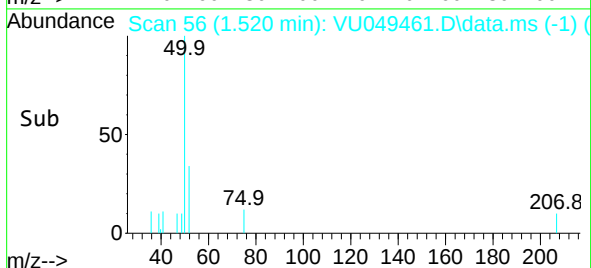
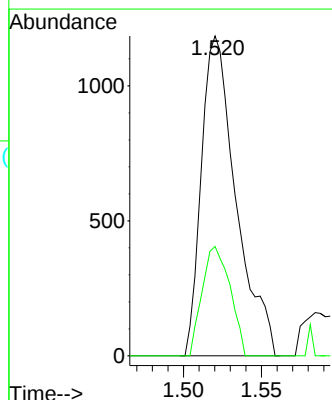
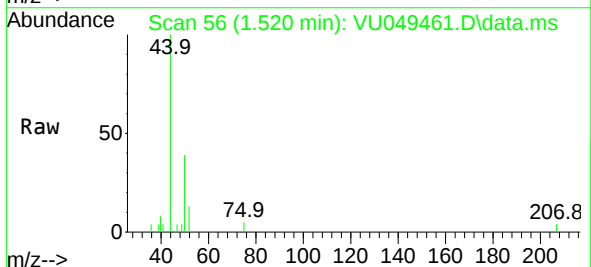
Instrument :
MSVOA_U
ClientSampleId :
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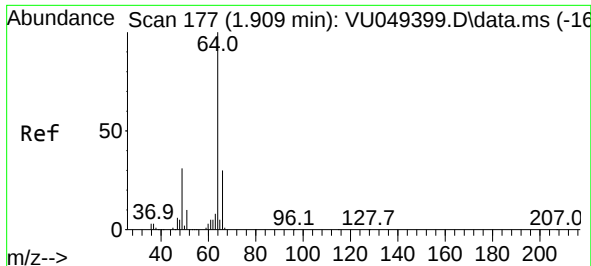
Tgt Ion:168 Resp: 305189
Ion Ratio Lower Upper
168 100
99 59.4 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion: 50 Resp: 1830
Ion Ratio Lower Upper
50 100
52 34.2 27.4 41.2

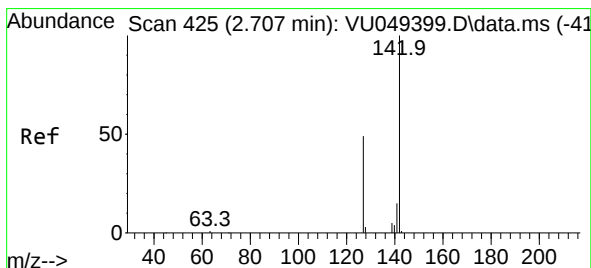
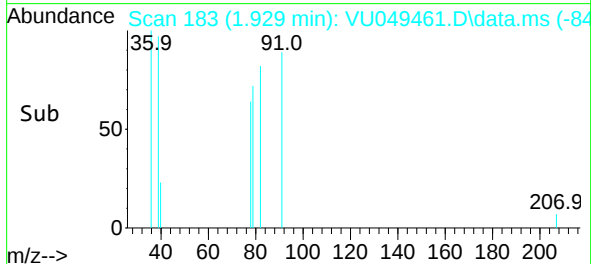
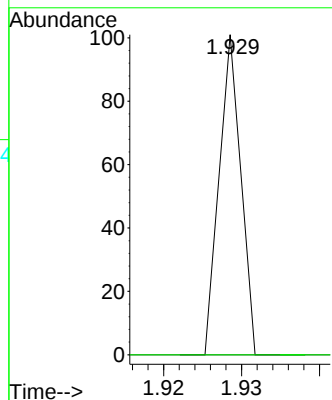
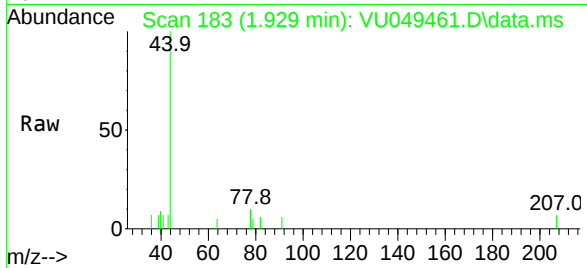




#6
Chloroethane
Concen: 1.923 ug/l
RT: 1.929 min Scan# 11
Delta R.T. 0.019 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

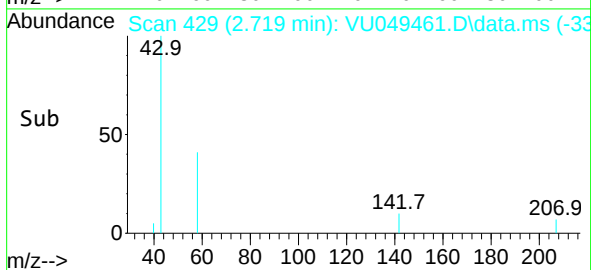
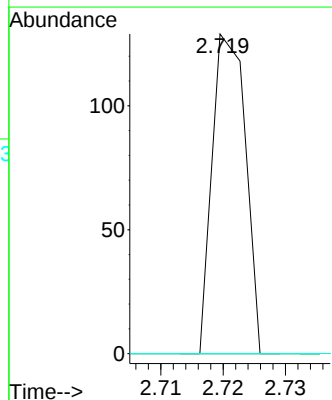
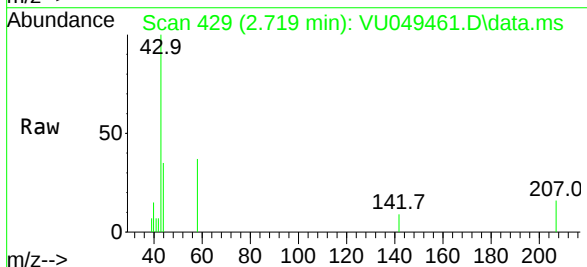
Instrument :
MSVOA_U
ClientSampleId :
40814

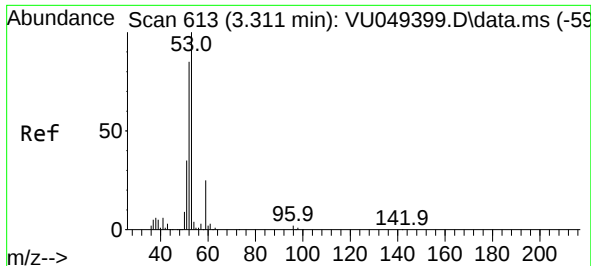
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#10
Methyl Iodide
Concen: 7.525 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.013 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion: 142 Resp: 48
Ion Ratio Lower Upper
142 100
127 0.0 32.5 48.7#
141 0.0 11.4 17.0#

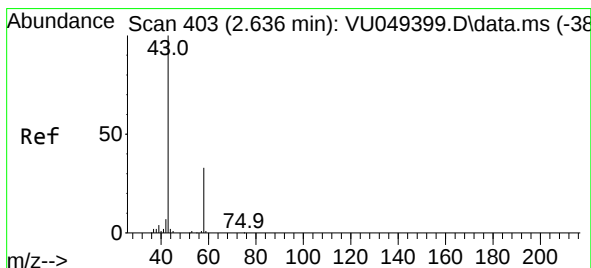
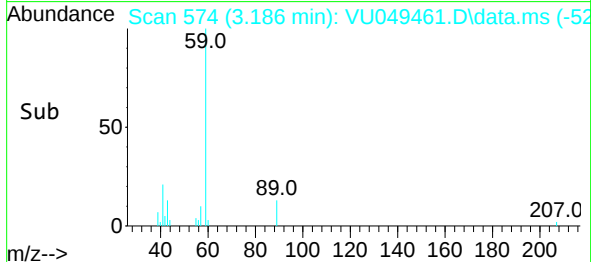
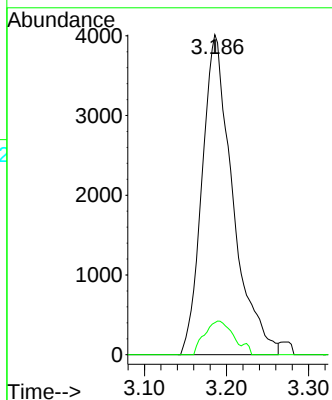
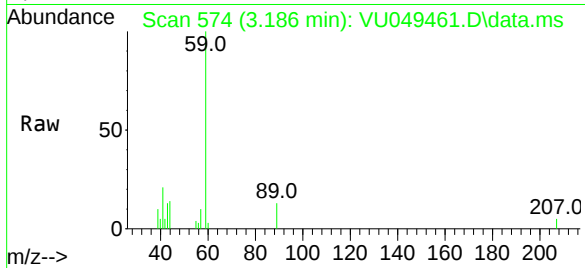




#11
Tert butyl alcohol
Concen: 9.471 ug/l
RT: 3.186 min Scan# 51
Delta R.T. -0.125 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

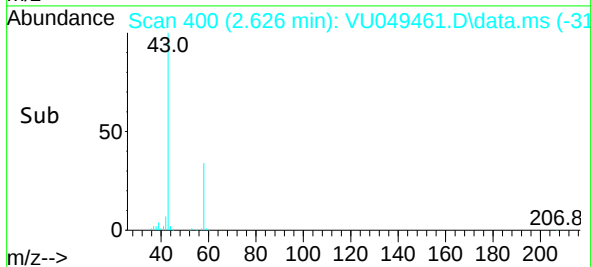
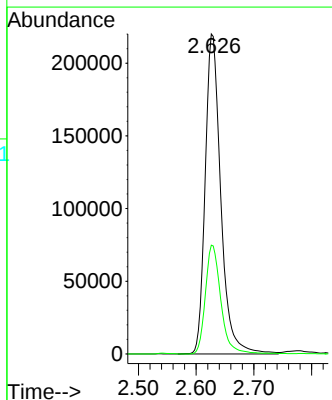
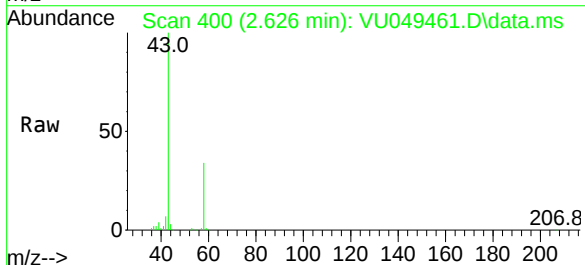
Instrument :
MSVOA_U
ClientSampleId :
40814

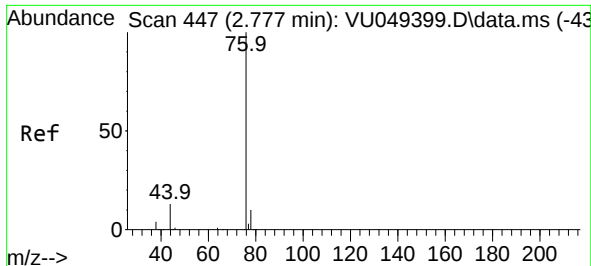
Tgt Ion: 59 Resp: 10419
Ion Ratio Lower Upper
59 100
57 9.4 30.6 45.8#



#16
Acetone
Concen: 174.295 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.010 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion: 43 Resp: 413121
Ion Ratio Lower Upper
43 100
58 34.0 27.5 41.3

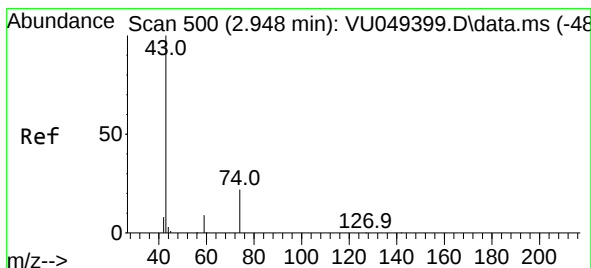
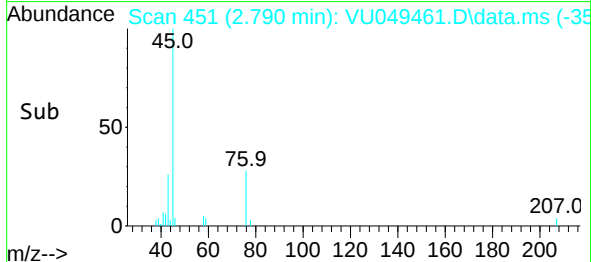
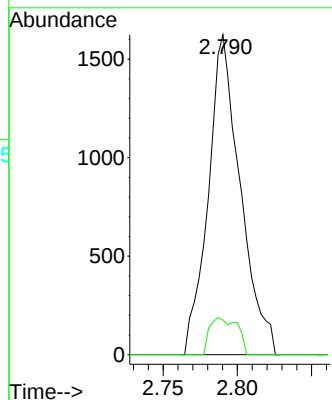
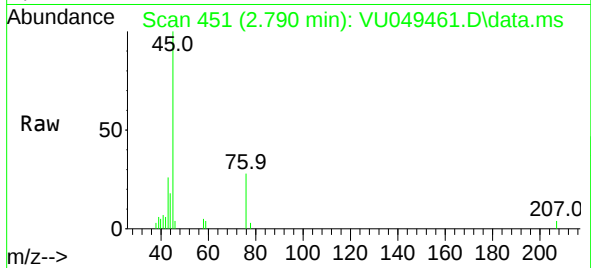




#17
Carbon Disulfide
Concen: 0.236 ug/l
RT: 2.790 min Scan# 41
Delta R.T. 0.013 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

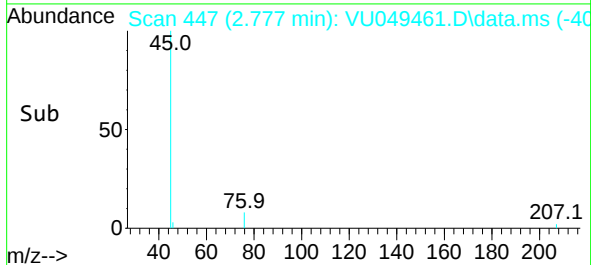
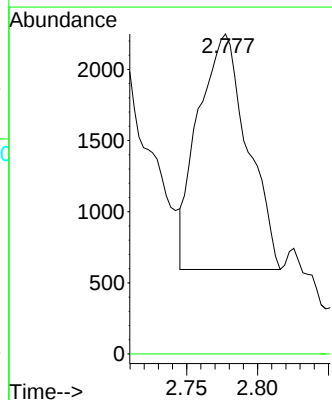
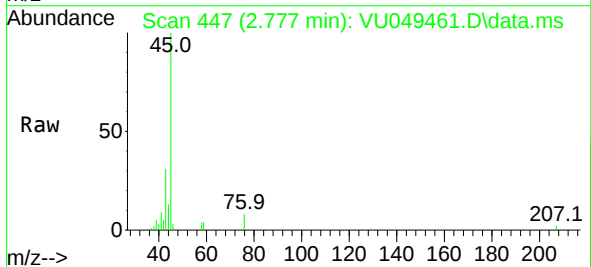
Instrument :
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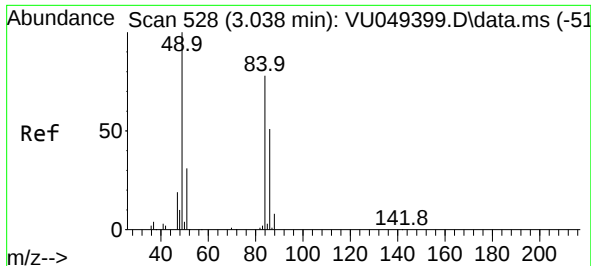
Tgt Ion: 76 Resp: 2442
Ion Ratio Lower Upper
76 100
78 10.8 7.3 10.9



#18
Methyl Acetate
Concen: 0.623 ug/l
RT: 2.777 min Scan# 447
Delta R.T. -0.170 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion: 43 Resp: 3997
Ion Ratio Lower Upper
43 100
74 0.0 22.5 33.7#

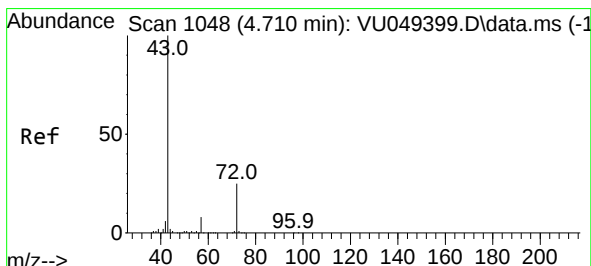
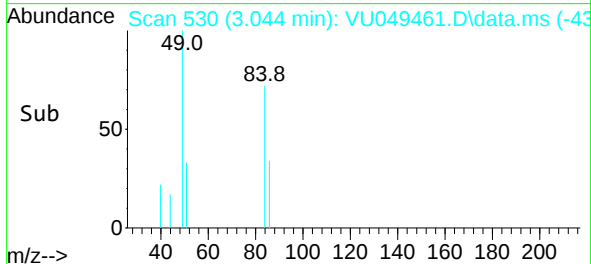
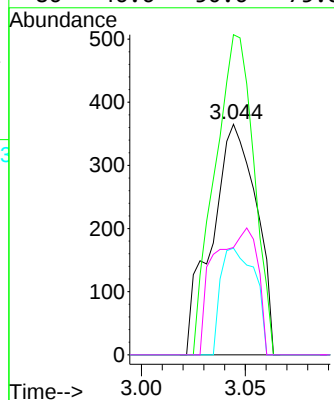
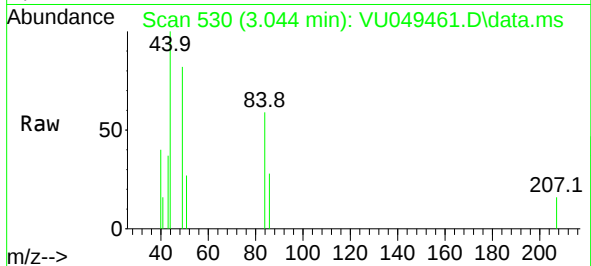




#20
Methylene Chloride
Concen: Below Cal
RT: 3.044 min Scan# 51
Delta R.T. 0.007 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

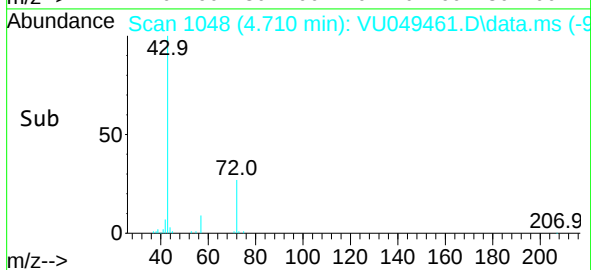
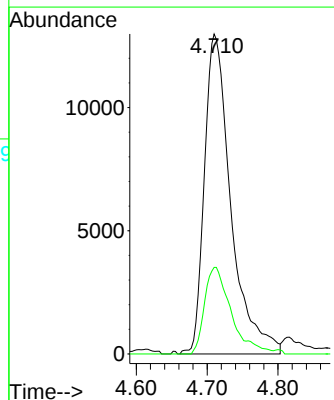
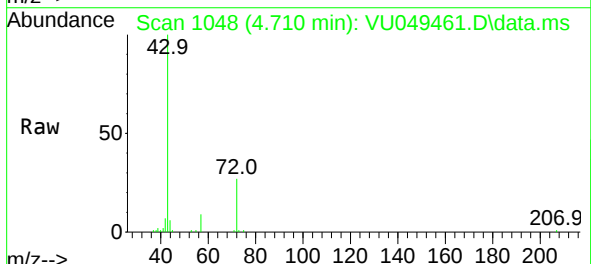
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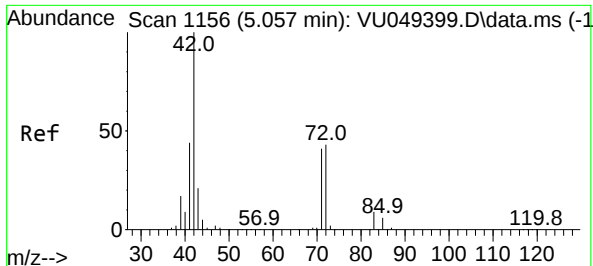
Tgt Ion:	84	Resp:	545
Ion	Ratio	Lower	Upper
84	100		
49	138.9	86.6	129.8#
51	46.3	26.6	40.0#
86	46.6	50.6	75.8#



#25
2-Butanone
Concen: 9.489 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU049461.D
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Tgt Ion:	43	Resp:	33707
Ion	Ratio	Lower	Upper
43	100		
72	27.0	23.8	35.6





#29

Tetrahydrofuran

Concen: 0.339 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.000 min

Lab File: VU049461.D

Acq: 28 Jun 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

40814

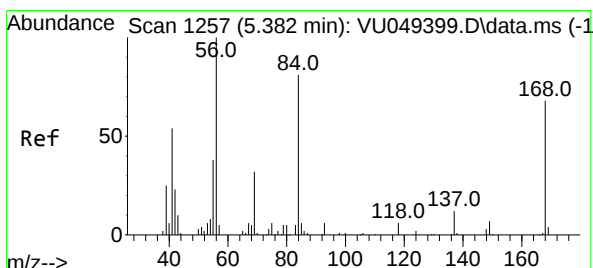
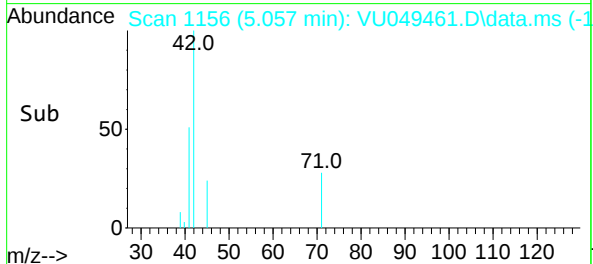
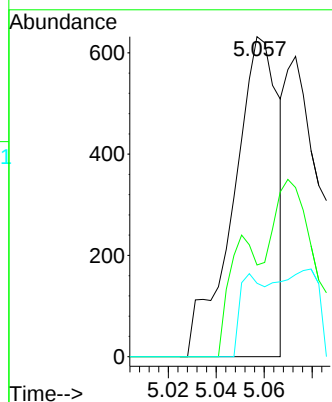
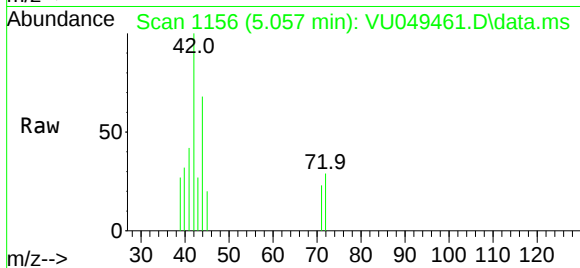
Tgt Ion: 42 Resp: 825

Ion Ratio Lower Upper

42 100

72 22.8 42.6 63.8#

71 13.8 40.3 60.5#



#31

Cyclohexane

Concen: 0.868 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.013 min

Lab File: VU049461.D

Acq: 28 Jun 2022 16:21

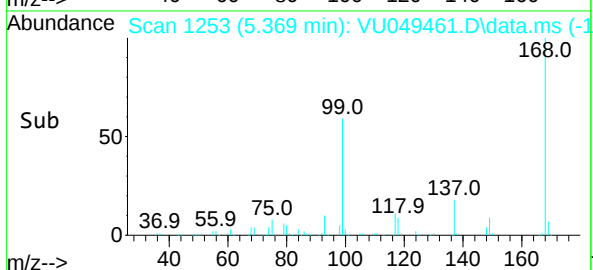
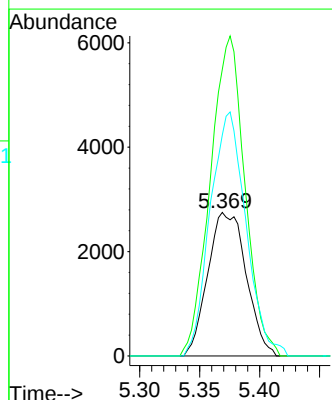
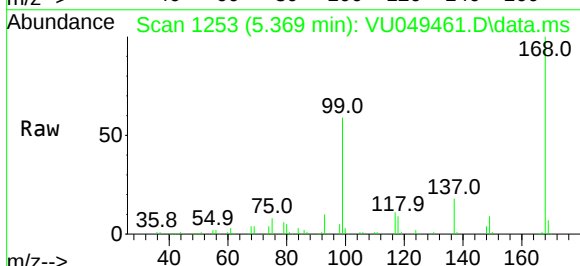
Tgt Ion: 56 Resp: 6129

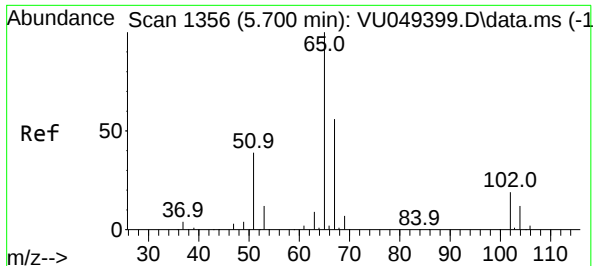
Ion Ratio Lower Upper

56 100

69 199.6 27.8 41.8#

84 153.9 74.2 111.4#





#33

1,2-Dichloroethane-d4

Concen: 42.356 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049461.D

Acq: 28 Jun 2022 16:21

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ClientSampleId :

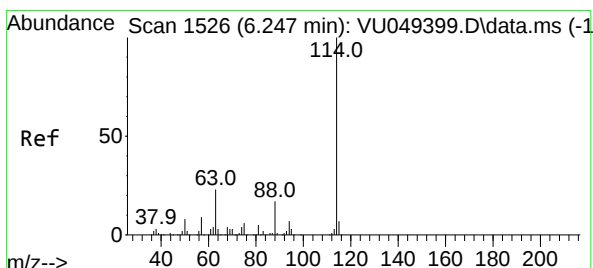
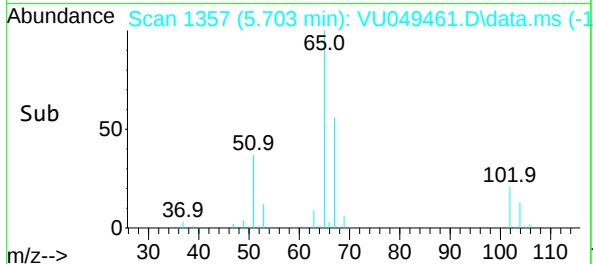
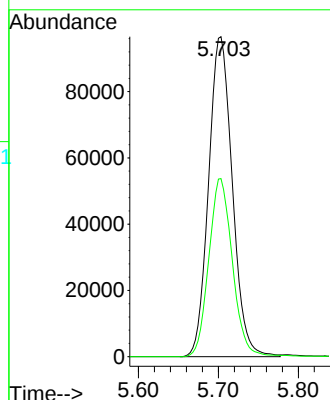
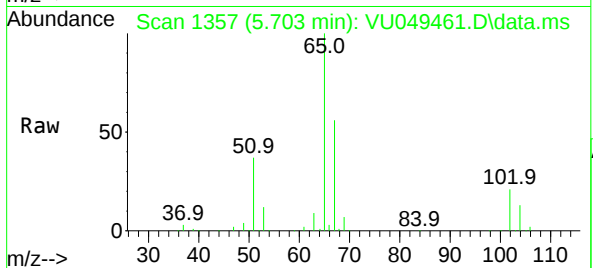
40814

Tgt Ion: 65 Resp: 199080

Ion Ratio Lower Upper

65 100

67 55.5 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049461.D

Acq: 28 Jun 2022 16:21

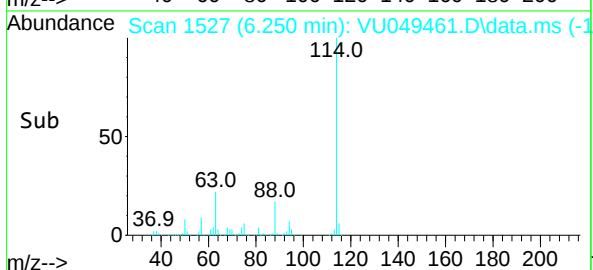
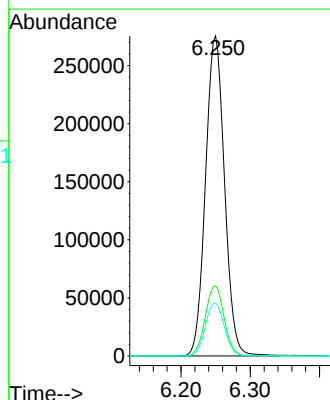
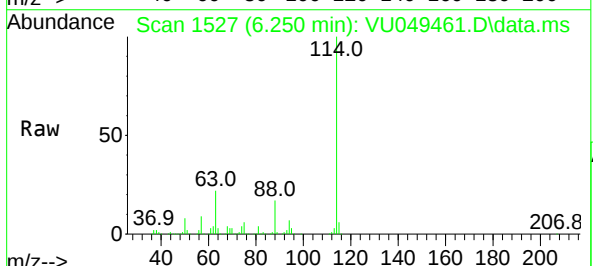
Tgt Ion: 114 Resp: 523908

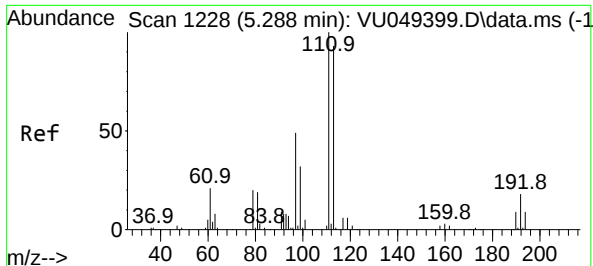
Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.8

88 16.6 0.0 29.2

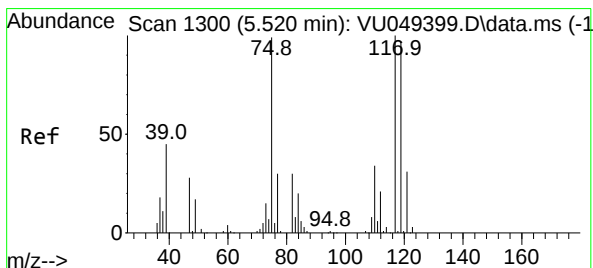
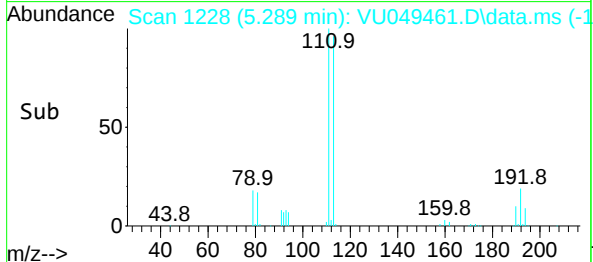
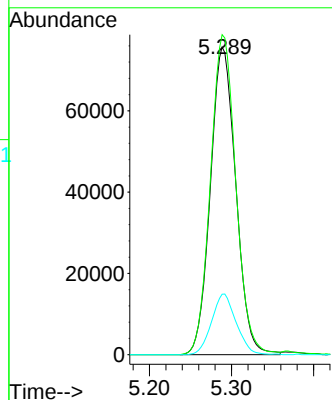
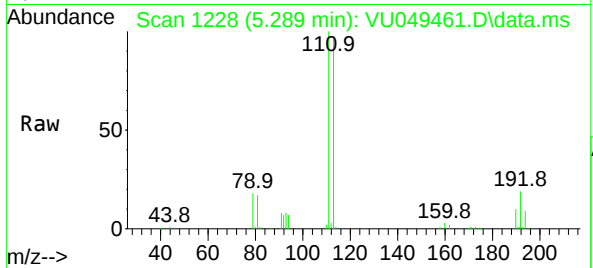




#35
Dibromofluoromethane
Concen: 44.559 ug/l
RT: 5.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

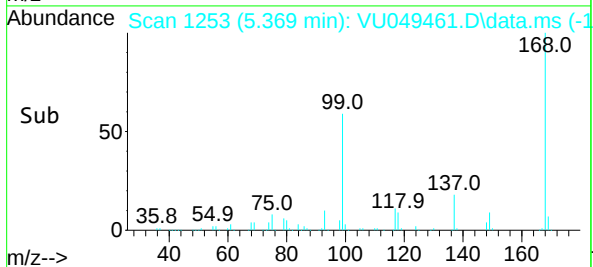
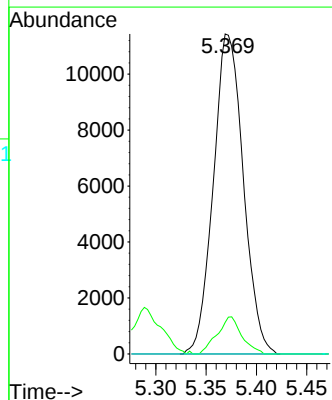
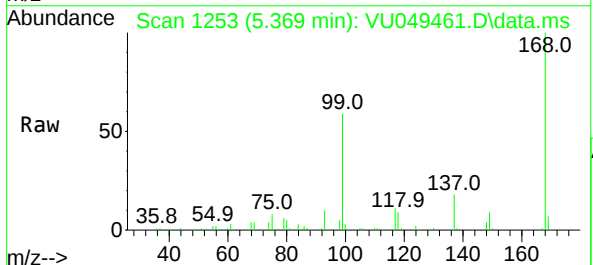
Instrument :
MSVOA_U
ClientSampleId :
40814

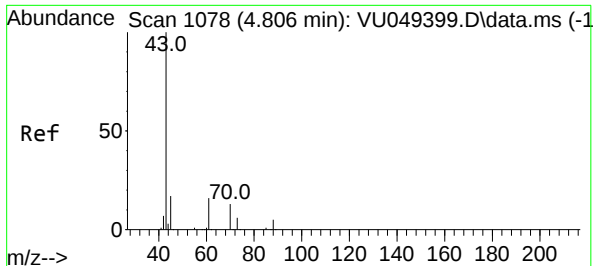
Tgt Ion:113 Resp: 163326
Ion Ratio Lower Upper
113 100
111 103.9 82.1 123.1
192 19.0 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.458 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.151 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion: 75 Resp: 23692
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.2#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 4.641 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. -0.096 min

Lab File: VU049461.D

Acq: 28 Jun 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

40814

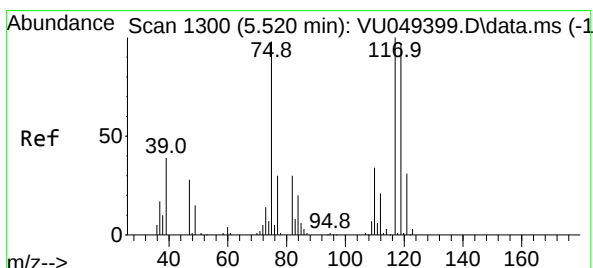
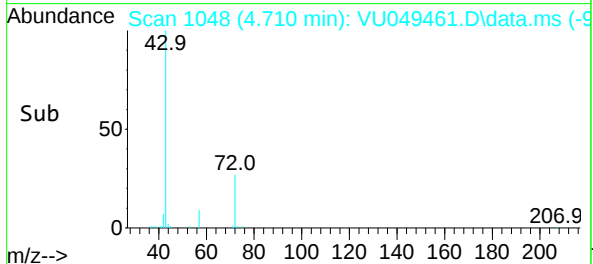
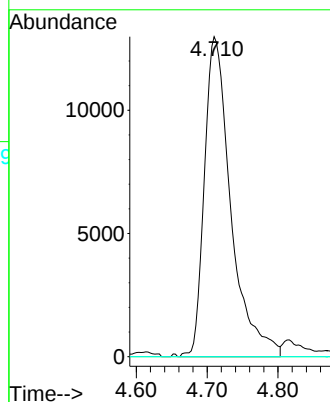
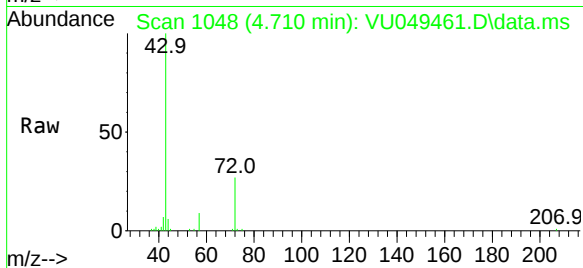
Tgt Ion: 43 Resp: 33707

Ion Ratio Lower Upper

43 100

61 0.0 9.5 14.3#

70 0.0 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 5.629 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049461.D

Acq: 28 Jun 2022 16:21

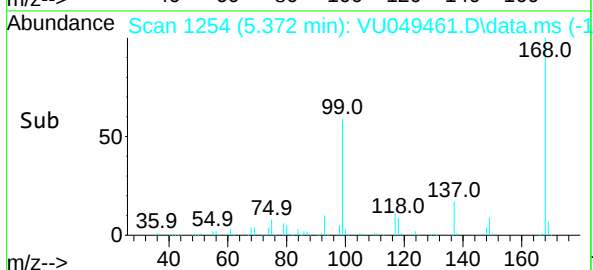
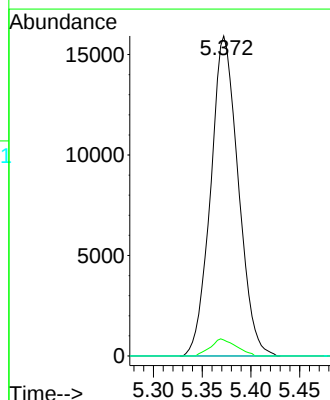
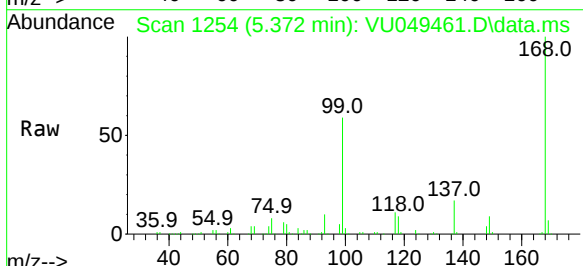
Tgt Ion: 117 Resp: 31374

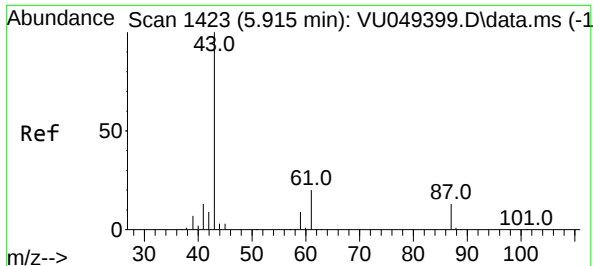
Ion Ratio Lower Upper

117 100

119 5.0 76.8 115.2#

121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 2.099 ug/l

RT: 6.157 min Scan# 1423

Delta R.T. 0.241 min

Lab File: VU049461.D

Acq: 28 Jun 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

40814

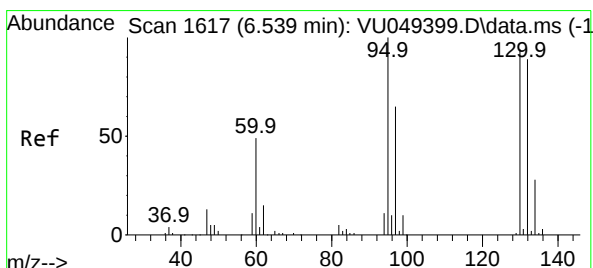
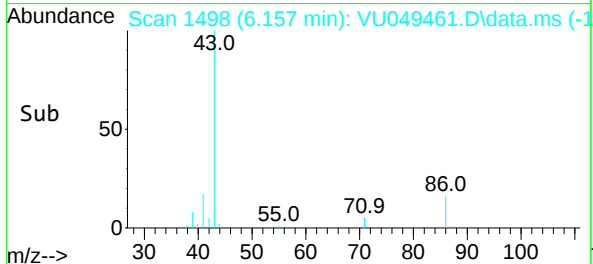
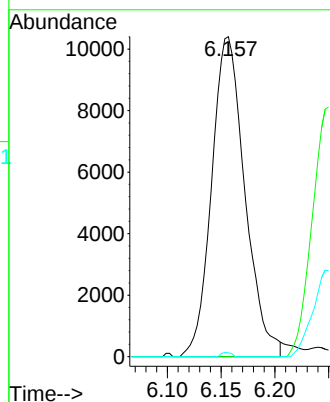
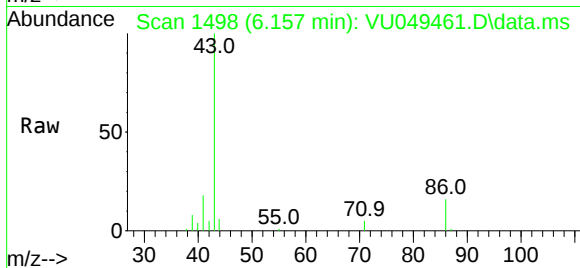
Tgt Ion: 43 Resp: 22339

Ion Ratio Lower Upper

43 100

61 0.0 17.4 26.0#

87 0.4 12.6 18.8#



#44

Trichloroethene

Concen: 0.292 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU049461.D

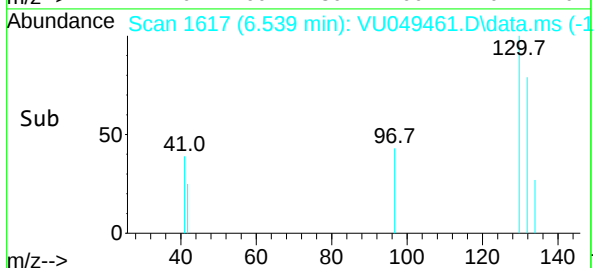
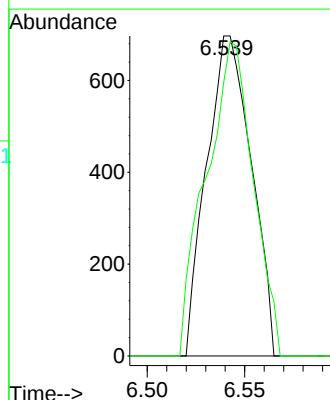
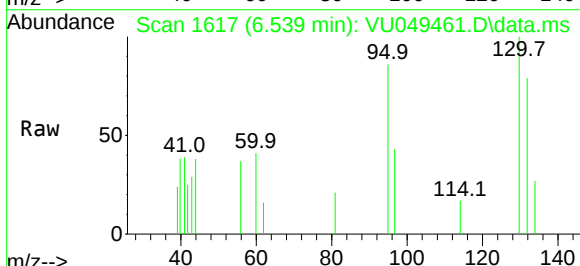
Acq: 28 Jun 2022 16:21

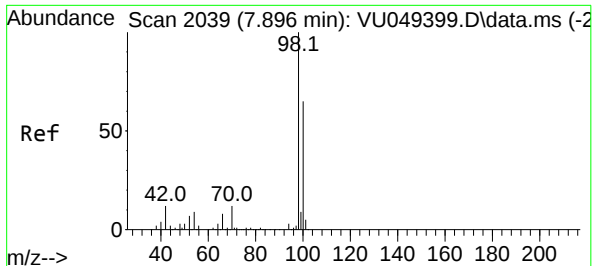
Tgt Ion:130 Resp: 1112

Ion Ratio Lower Upper

130 100

95 85.5 0.0 184.6

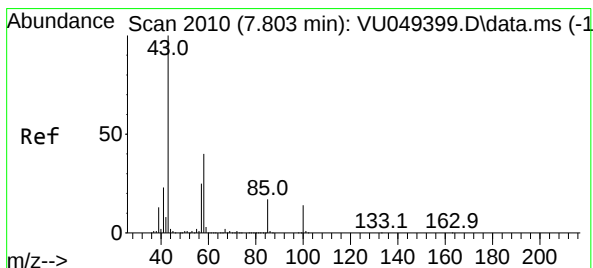
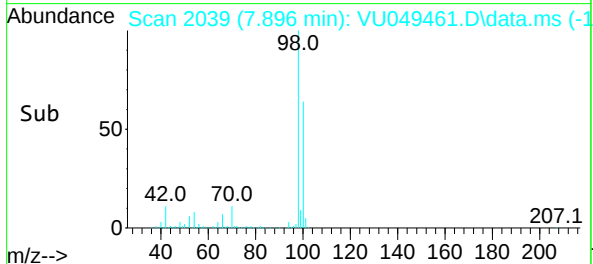
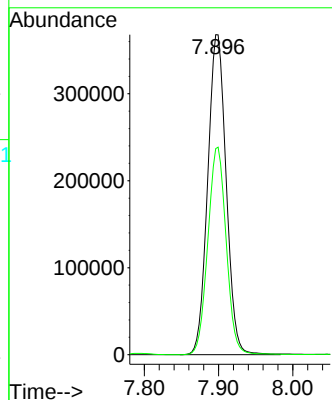
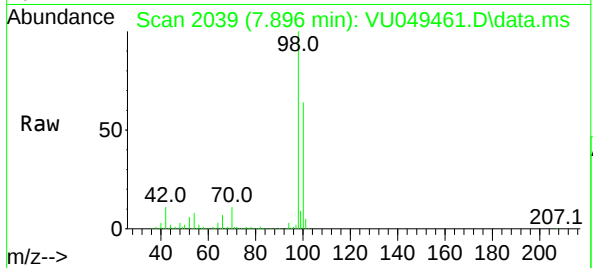




#50
Toluene-d8
Concen: 48.517 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

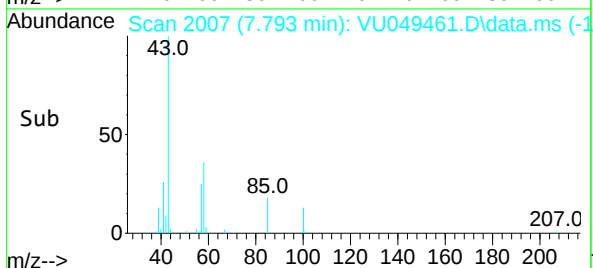
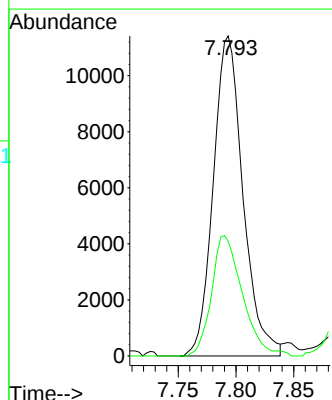
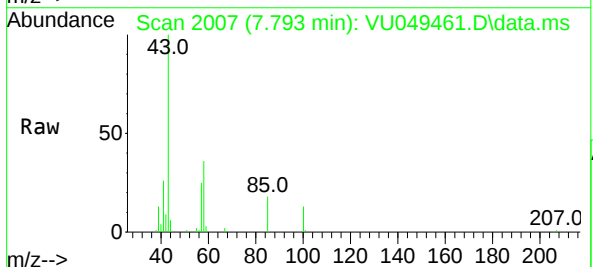
Instrument :
MSVOA_U
ClientSampleId :
40814

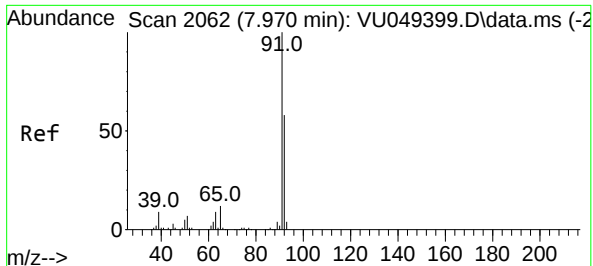
Tgt Ion: 98 Resp: 634288
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 2.867 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.010 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion: 43 Resp: 20416
Ion Ratio Lower Upper
43 100
58 38.9 34.7 52.1

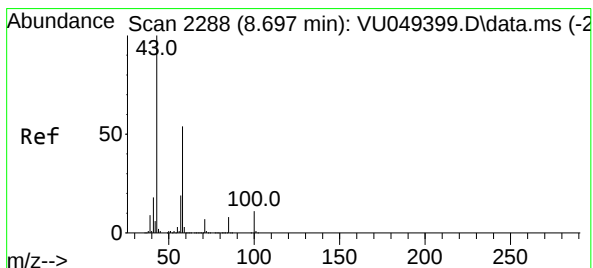
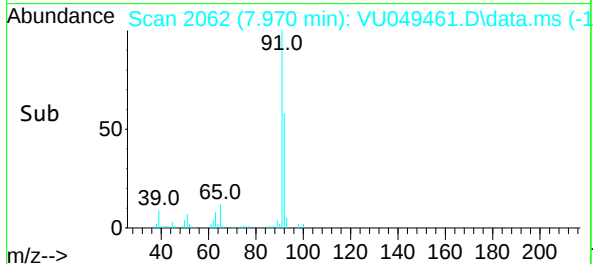
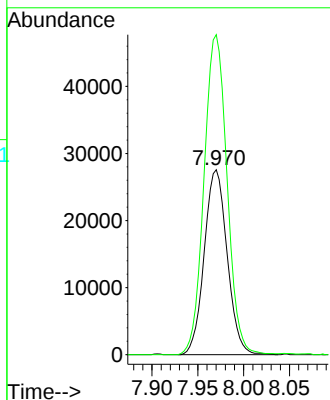
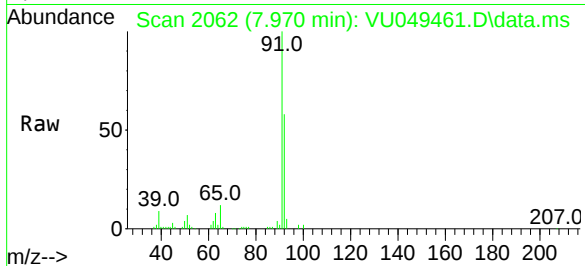




#52
Toluene
Concen: 5.035 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

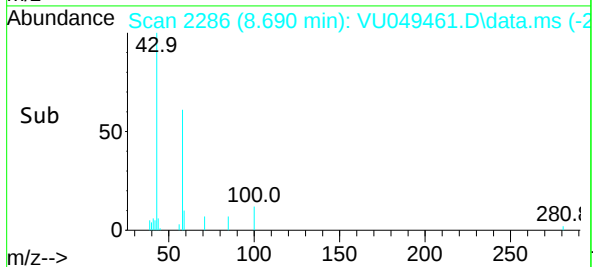
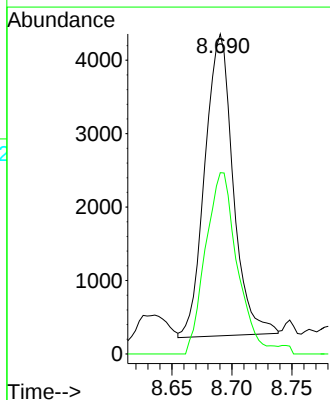
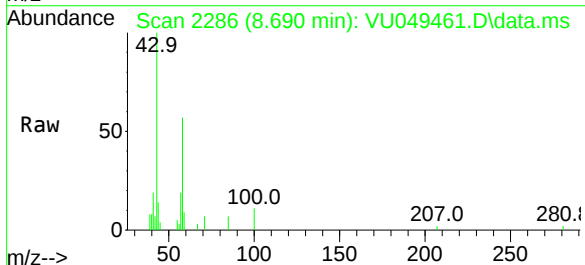
Instrument :
MSVOA_U
ClientSampleId :
40814

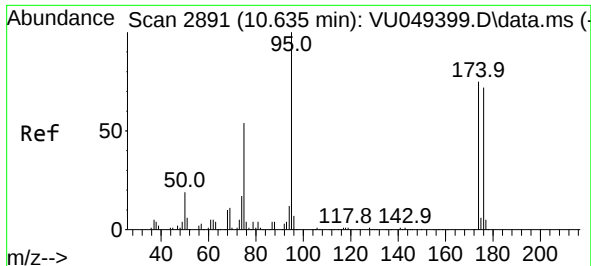
Tgt Ion: 92 Resp: 48016
Ion Ratio Lower Upper
92 100
91 173.5 138.2 207.4



#59
2-Hexanone
Concen: 1.207 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion: 43 Resp: 6758
Ion Ratio Lower Upper
43 100
58 67.3 30.3 90.8

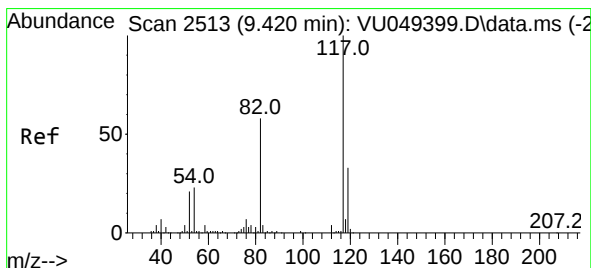
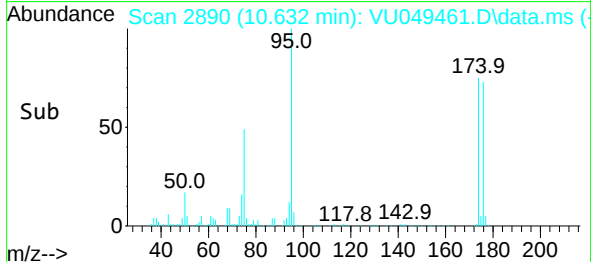
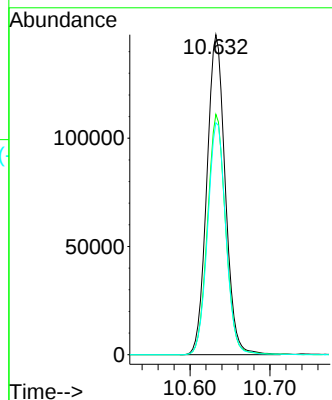
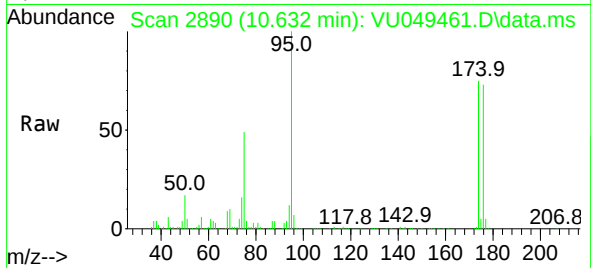




#62
4-Bromofluorobenzene
Concen: 47.219 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

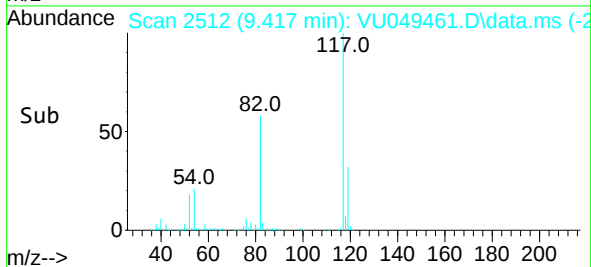
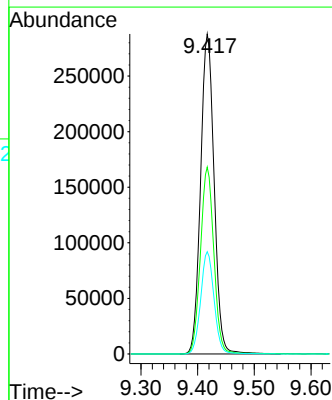
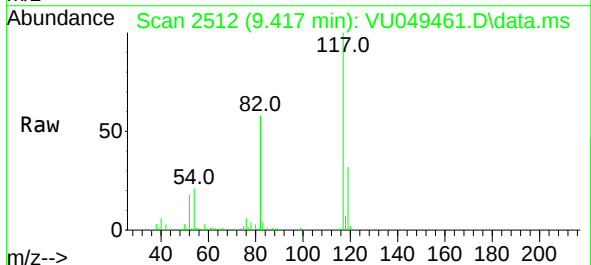
Instrument :
MSVOA_U
ClientSampleId :
40814

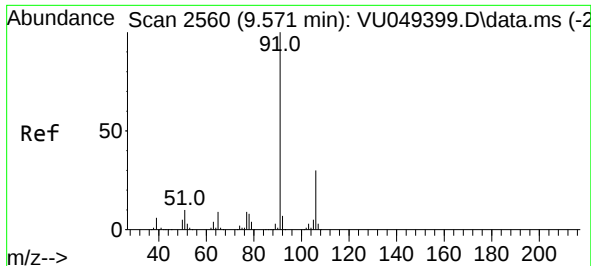
Tgt Ion: 95 Resp: 236474
Ion Ratio Lower Upper
95 100
174 74.1 0.0 182.0
176 72.0 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion: 117 Resp: 478198
Ion Ratio Lower Upper
117 100
82 58.4 41.7 62.5
119 32.0 25.7 38.5





#67

Ethyl Benzene

Concen: 1.117 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU049461.D

Acq: 28 Jun 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

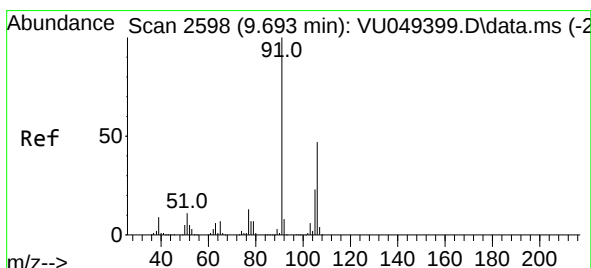
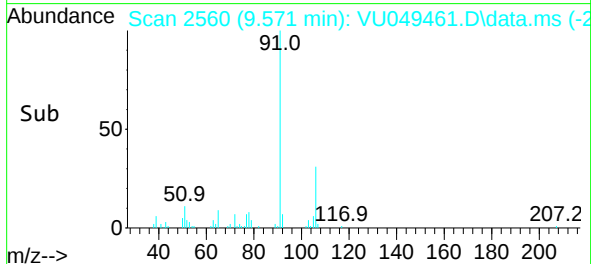
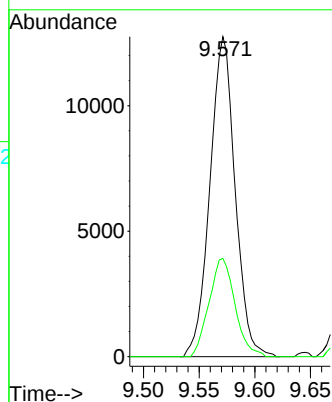
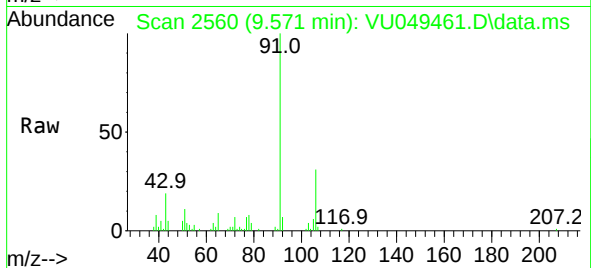
40814

Tgt Ion: 91 Resp: 20040

Ion Ratio Lower Upper

91 100

106 30.7 25.6 38.4



#68

m/p-Xylenes

Concen: 1.538 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049461.D

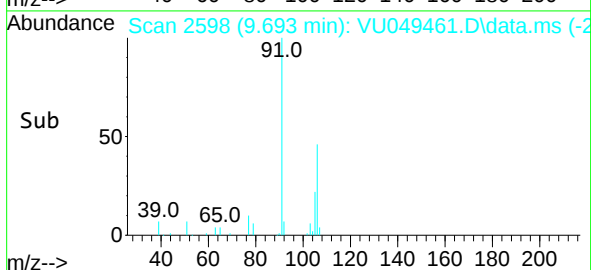
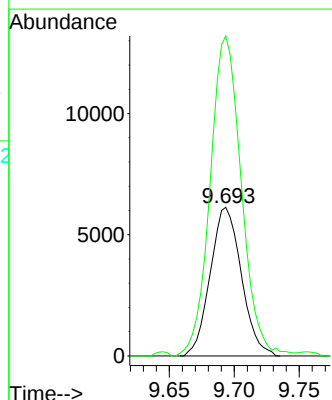
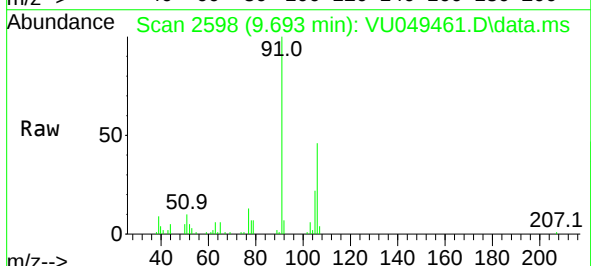
Acq: 28 Jun 2022 16:21

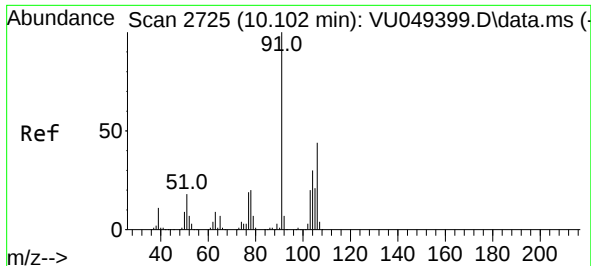
Tgt Ion: 106 Resp: 10214

Ion Ratio Lower Upper

106 100

91 215.7 157.2 235.8

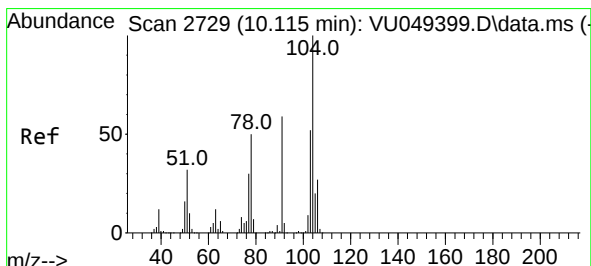
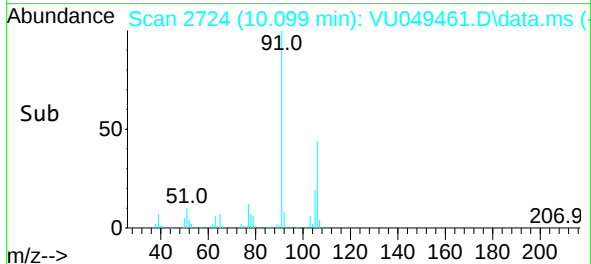
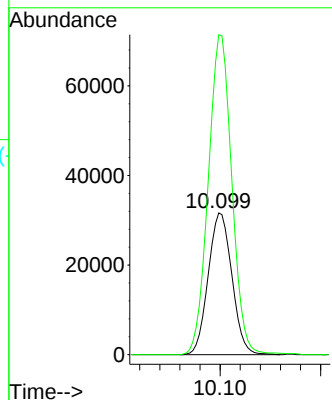
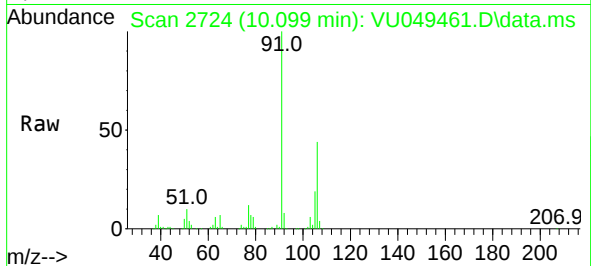




#69
o-Xylene
Concen: 7.853 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

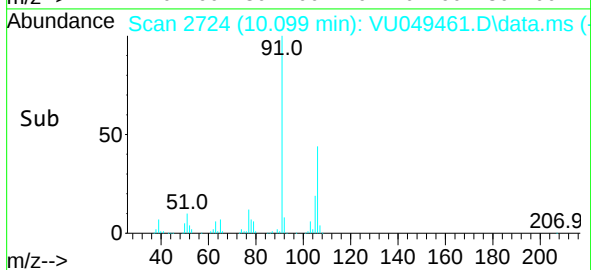
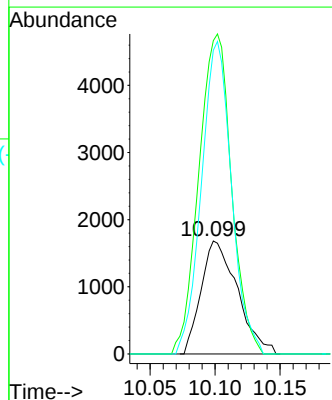
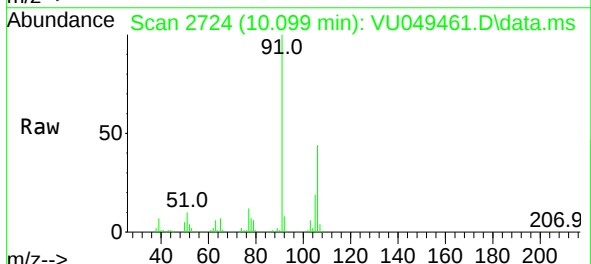
Instrument :
MSVOA_U
ClientSampleId :
40814

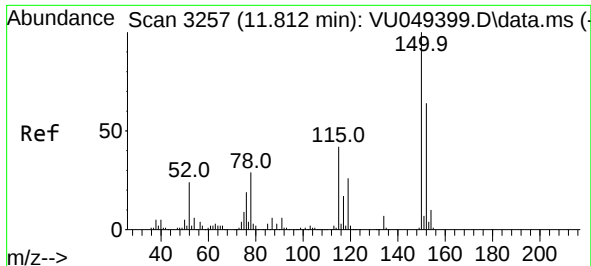
Tgt Ion:106 Resp: 51769
Ion Ratio Lower Upper
106 100
91 224.9 103.5 310.5



#70
Styrene
Concen: 0.310 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.016 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion:104 Resp: 3279
Ion Ratio Lower Upper
104 100
78 254.2 38.0 57.0#
103 228.5 43.9 65.9#

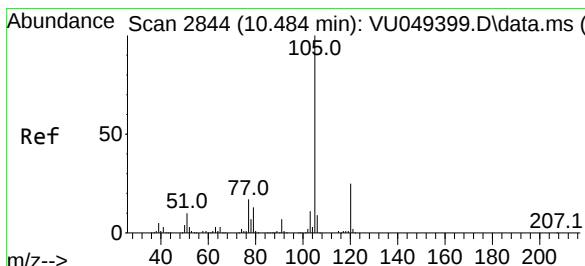
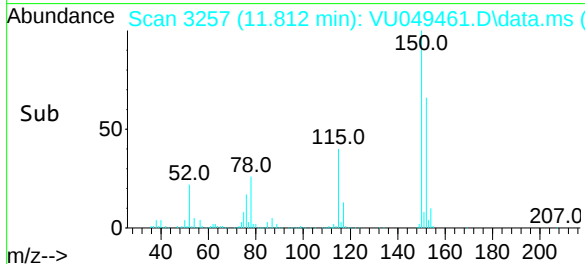
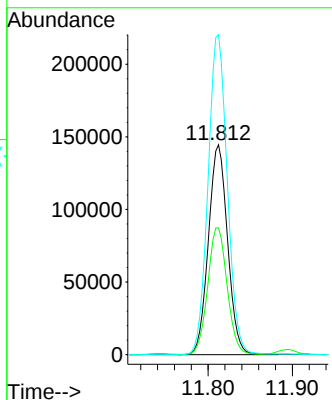
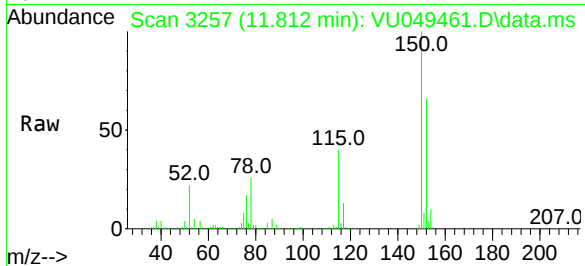




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049461.D
 Acq: 28 Jun 2022 16:21

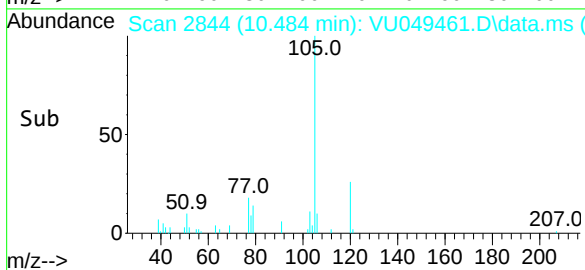
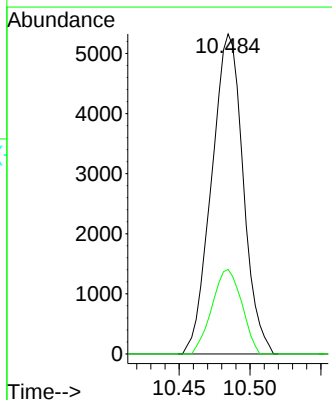
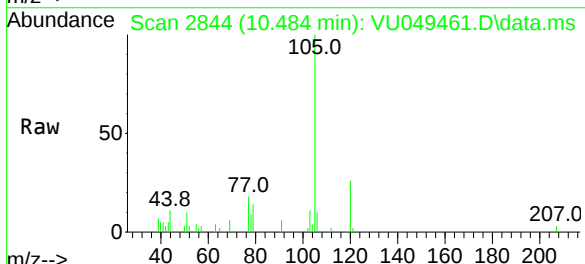
Instrument :
 MSVOA_U
 ClientSampleId :
 40814

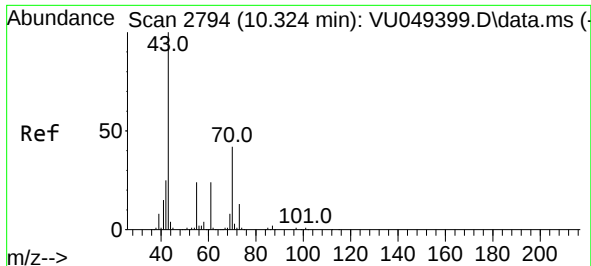
Tgt Ion:152 Resp: 229101
 Ion Ratio Lower Upper
 152 100
 115 61.1 37.0 110.9
 150 152.9 0.0 342.2



#73
 Isopropylbenzene
 Concen: 0.506 ug/l
 RT: 10.484 min Scan# 2844
 Delta R.T. 0.000 min
 Lab File: VU049461.D
 Acq: 28 Jun 2022 16:21

Tgt Ion:105 Resp: 8259
 Ion Ratio Lower Upper
 105 100
 120 24.8 13.8 41.4

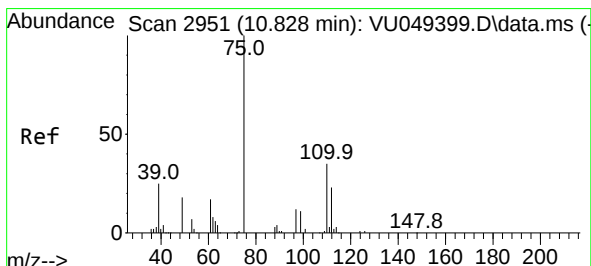
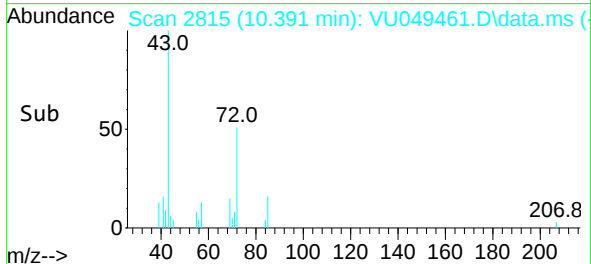
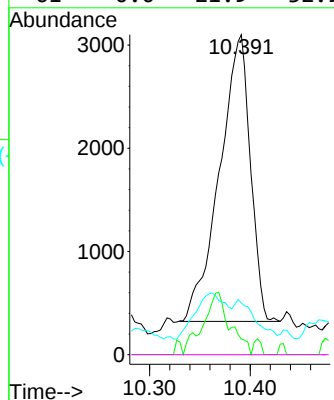
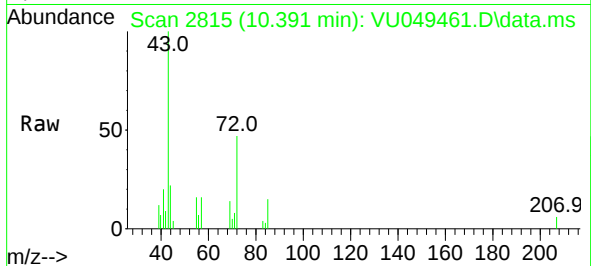




#74
N-amy1 acetate
Concen: 0.682 ug/l
RT: 10.391 min Scan# 21
Delta R.T. 0.068 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

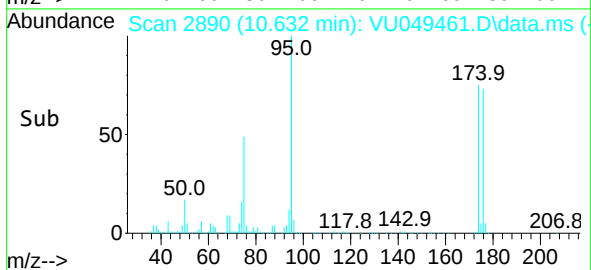
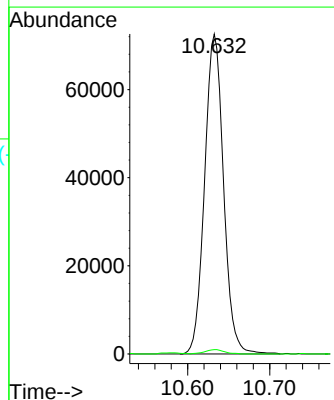
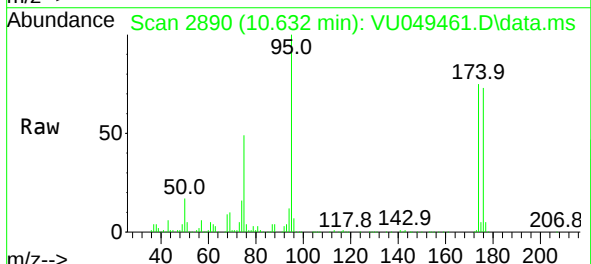
Instrument :
MSVOA_U
ClientSampleId :
40814

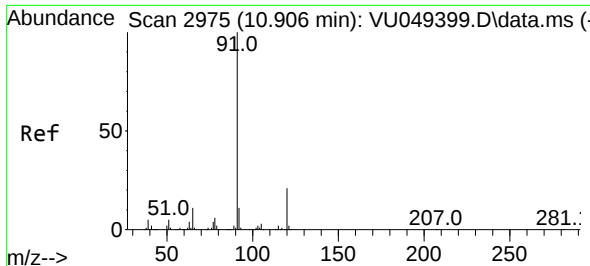
Tgt Ion: 43	Resp: 5891
Ion Ratio	Lower Upper
43	100
70	1.3 38.7 58.1#
55	0.0 21.8 32.8#
61	0.0 21.9 32.9#



#76
1,2,3-Trichloropropane
Concen: 14.990 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion: 75	Resp: 116416
Ion Ratio	Lower Upper
75	100
77	1.4 15.8 47.3#

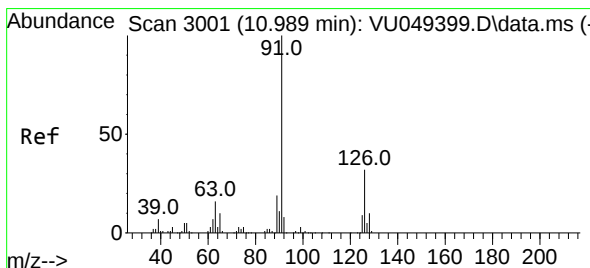
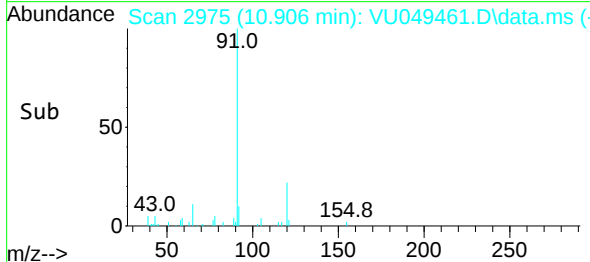
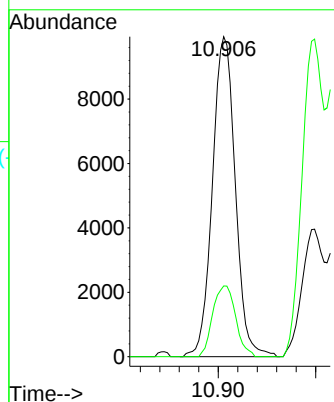
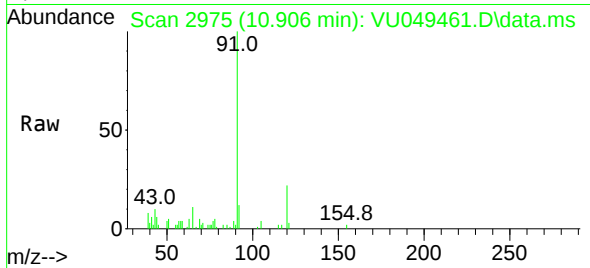




#78
n-propylbenzene
Concen: 0.816 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

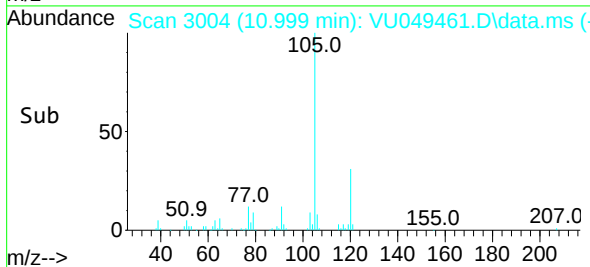
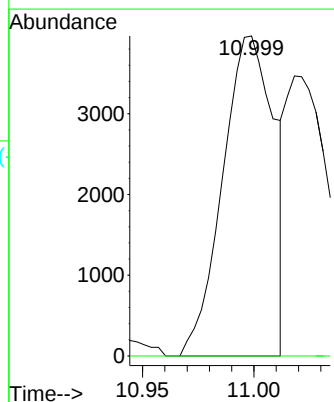
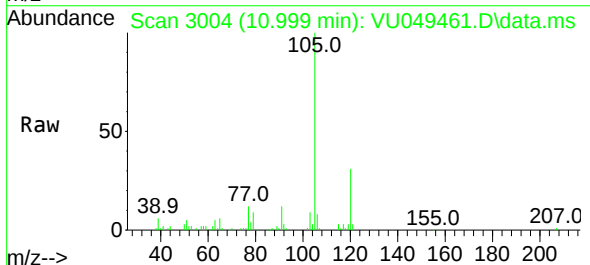
Instrument :
MSVOA_U
ClientSampleId :
40814

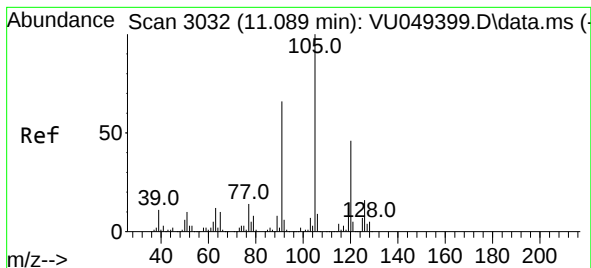
Tgt Ion: 91 Resp: 16185
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.521 ug/l
RT: 10.999 min Scan# 3004
Delta R.T. 0.010 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion: 91 Resp: 6368
Ion Ratio Lower Upper
91 100
126 0.0 18.4 55.0#





#80

1,3,5-Trimethylbenzene

Concen: 4.175 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049461.D

Acq: 28 Jun 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

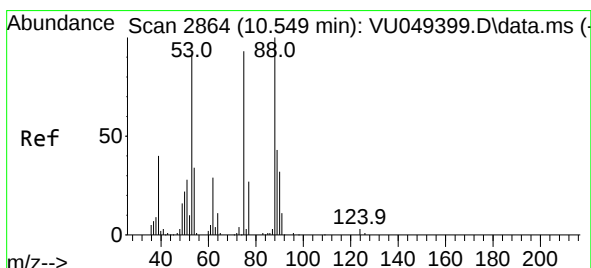
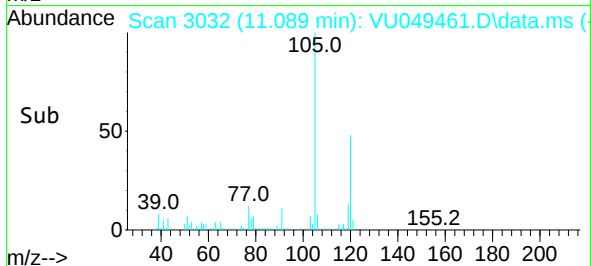
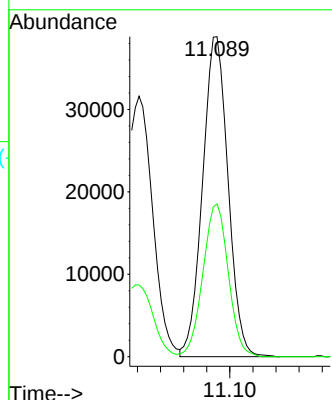
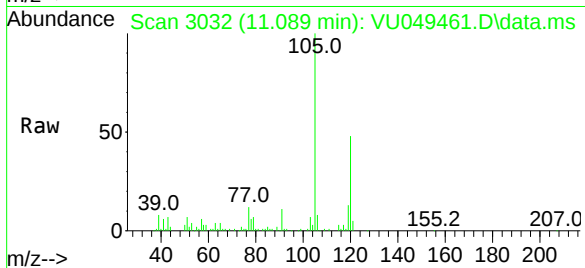
40814

Tgt Ion:105 Resp: 59478

Ion Ratio Lower Upper

105 100

120 47.6 25.3 75.9



#81

trans-1,4-Dichloro-2-butene

Concen: 55.356 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. 0.084 min

Lab File: VU049461.D

Acq: 28 Jun 2022 16:21

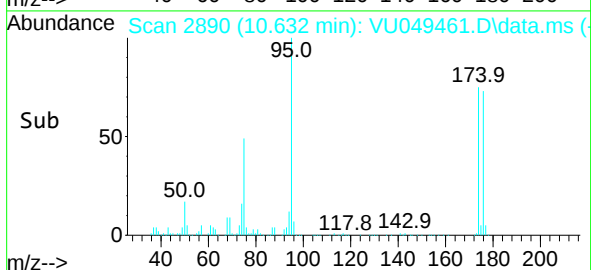
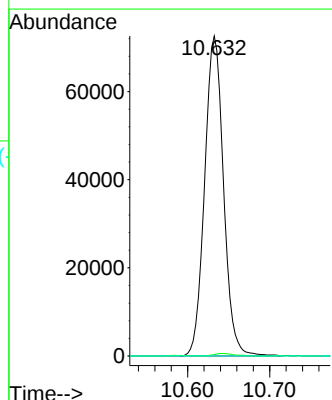
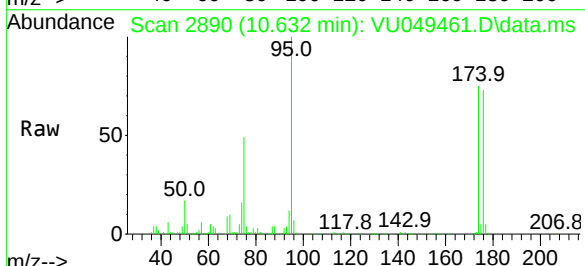
Tgt Ion: 75 Resp: 116416

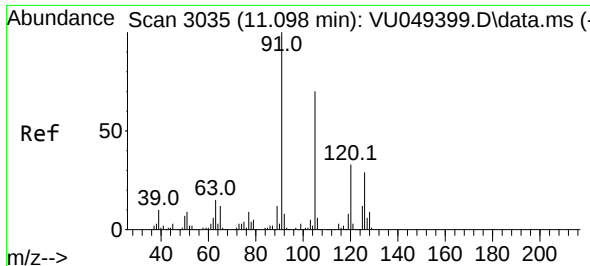
Ion Ratio Lower Upper

75 100

53 0.8 69.2 103.8#

89 0.0 37.0 55.6#

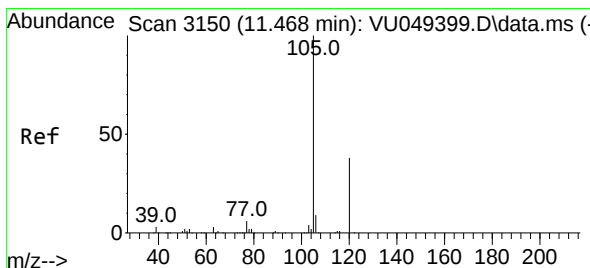
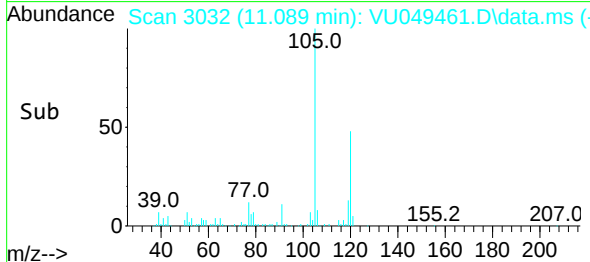
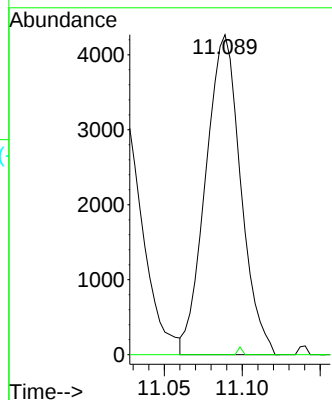
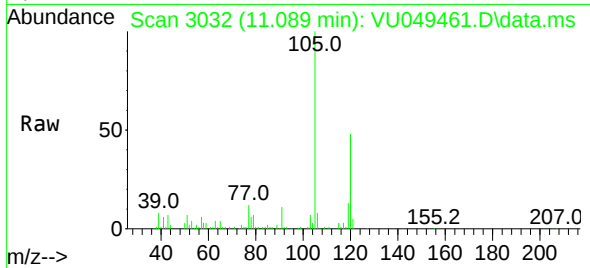




#82
4-Chlorotoluene
Concen: 0.486 ug/l
RT: 11.089 min Scan# 3035
Delta R.T. -0.010 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

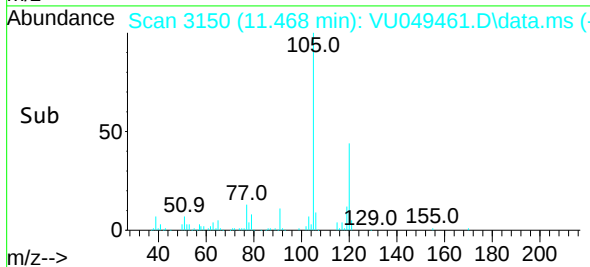
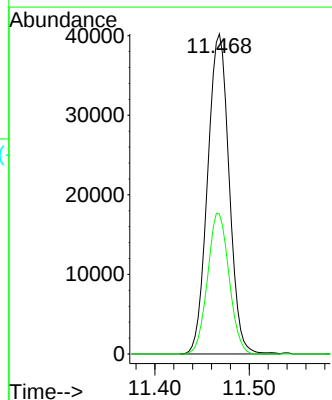
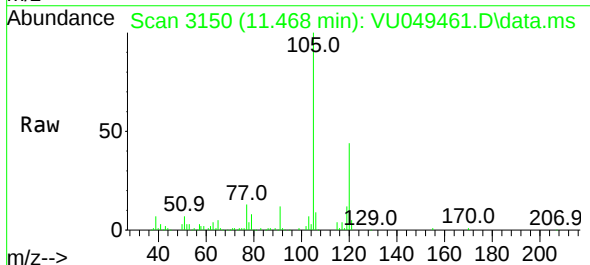
Instrument :
MSVOA_U
ClientSampleId :
40814

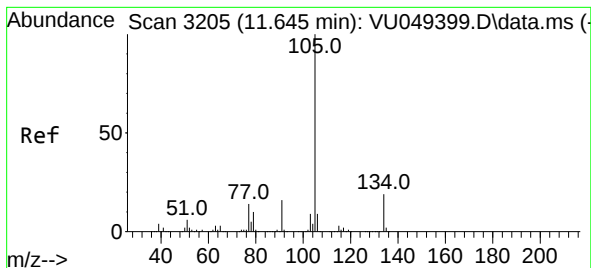
Tgt Ion: 91 Resp: 6672
Ion Ratio Lower Upper
91 100
126 0.3 16.1 48.2#



#84
1,2,4-Trimethylbenzene
Concen: 4.539 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion: 105 Resp: 63530
Ion Ratio Lower Upper
105 100
120 43.8 23.4 70.3





#85

sec-Butylbenzene

Concen: 0.377 ug/l

RT: 11.645 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049461.D

Acq: 28 Jun 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

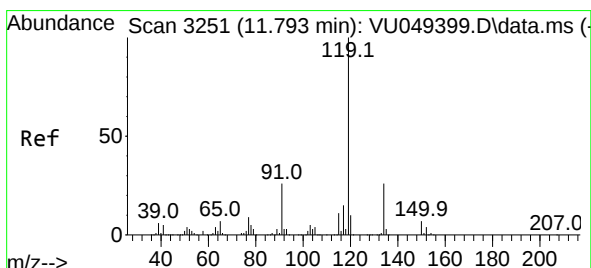
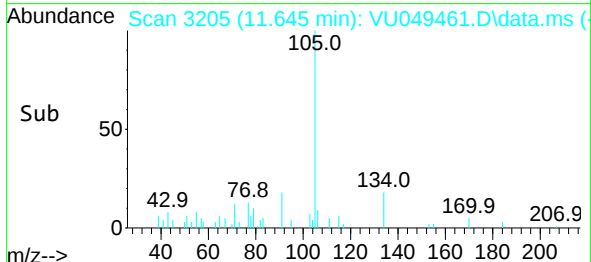
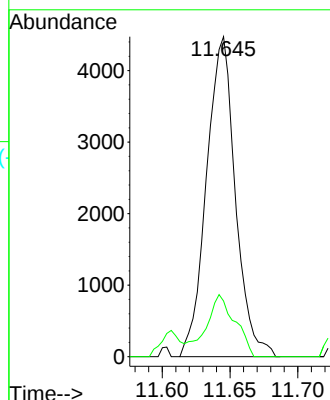
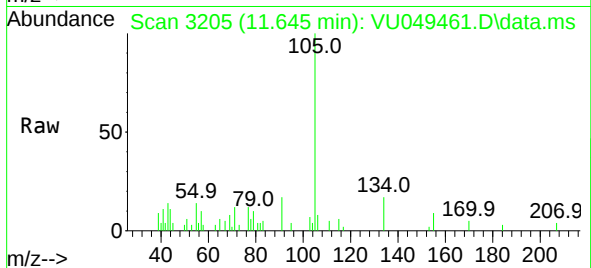
40814

Tgt Ion:105 Resp: 6635

Ion Ratio Lower Upper

105 100

134 18.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 0.942 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. -0.048 min

Lab File: VU049461.D

Acq: 28 Jun 2022 16:21

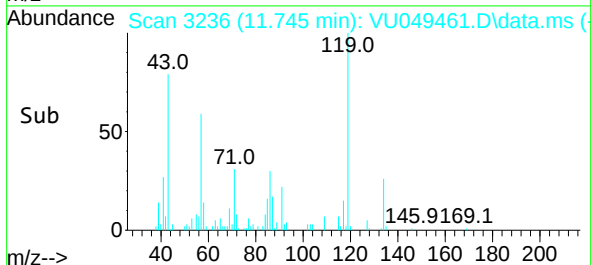
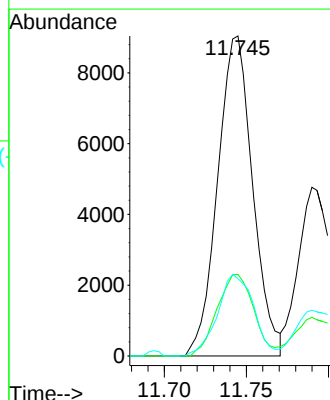
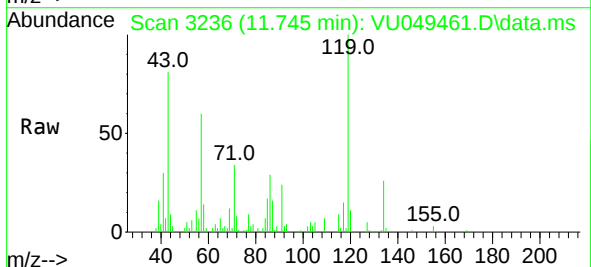
Tgt Ion:119 Resp: 13425

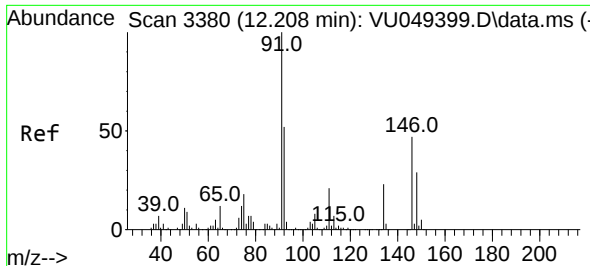
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 26.3 11.2 33.5

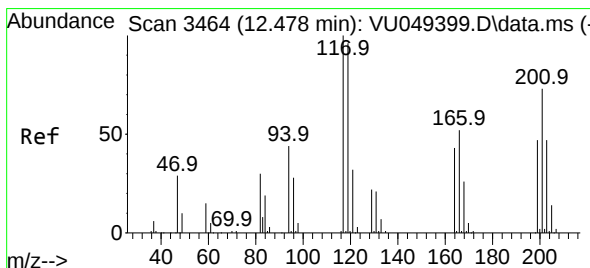
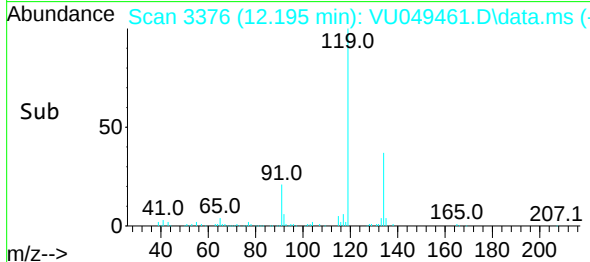
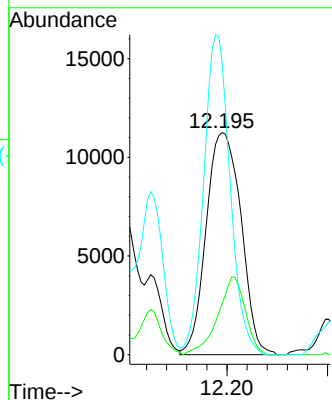
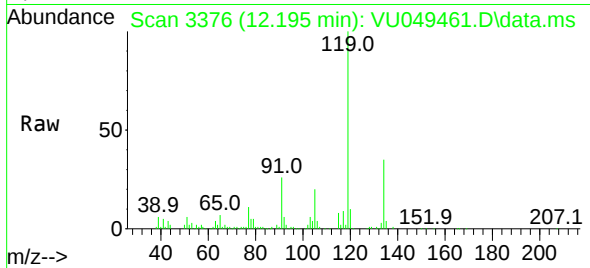




#89
n-Butylbenzene
Concen: 2.057 ug/l
RT: 12.195 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

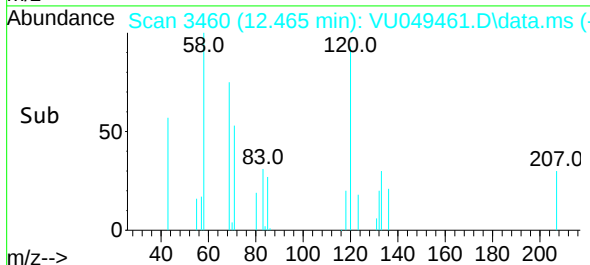
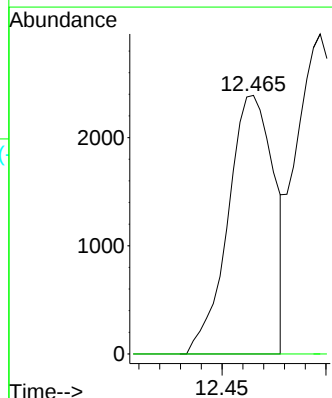
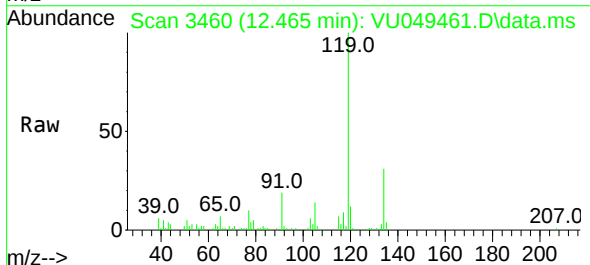
Instrument :
MSVOA_U
ClientSampleId :
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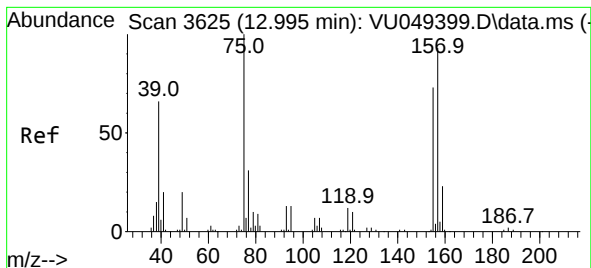
Tgt Ion: 91 Resp: 27127
Ion Ratio Lower Upper
91 100
92 27.6 26.2 78.6
134 109.5 13.5 40.4#



#90
Hexachloroethane
Concen: 1.292 ug/l
RT: 12.465 min Scan# 3460
Delta R.T. -0.013 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion: 117 Resp: 3668
Ion Ratio Lower Upper
117 100
201 0.0 44.6 134.0#

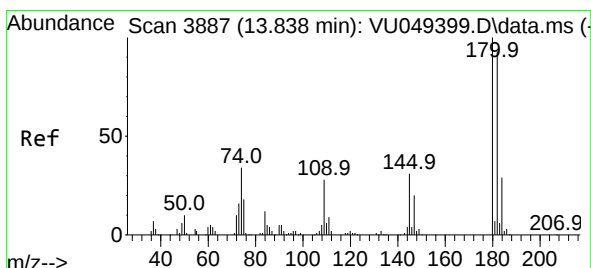
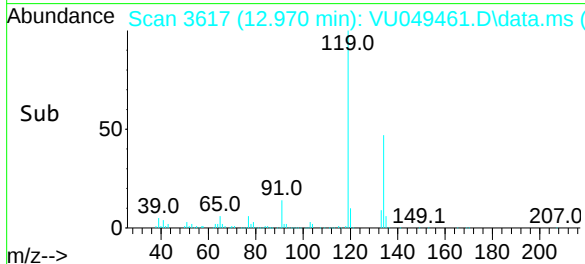
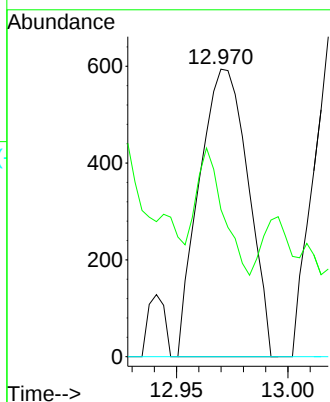
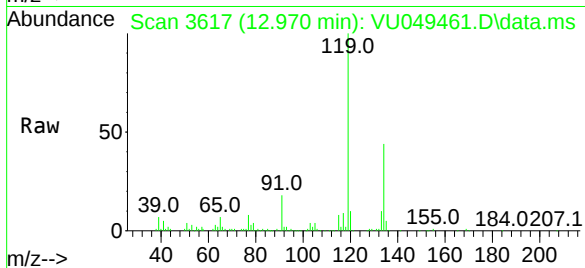




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.511 ug/l
 RT: 12.970 min Scan# 3617
 Delta R.T. -0.026 min
 Lab File: VU049461.D
 Acq: 28 Jun 2022 16:21

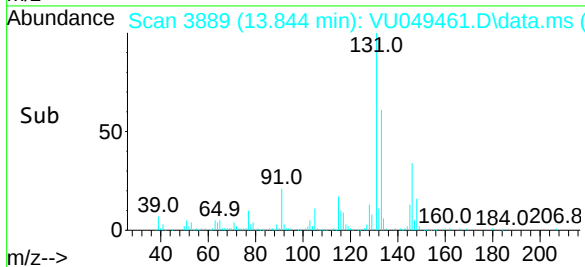
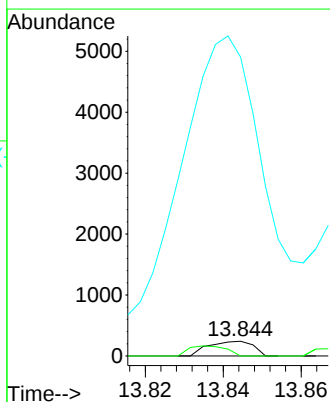
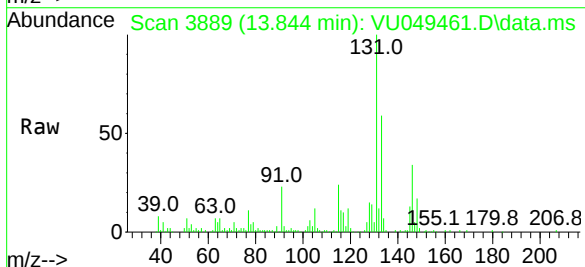
Instrument :
 MSVOA_U
 ClientSampleId :
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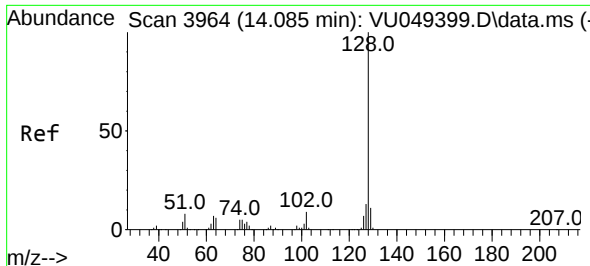
Tgt Ion: 75 Resp: 906
 Ion Ratio Lower Upper
 75 100
 155 24.4 47.8 143.4#
 157 0.0 62.2 186.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.790 ug/l
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.007 min
 Lab File: VU049461.D
 Acq: 28 Jun 2022 16:21

Tgt Ion: 180 Resp: 192
 Ion Ratio Lower Upper
 180 100
 182 57.3 47.9 143.6
 145 3607.8 14.0 41.9#

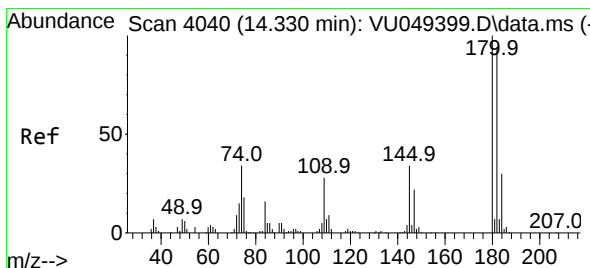
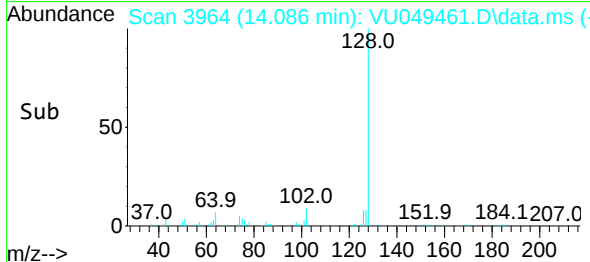
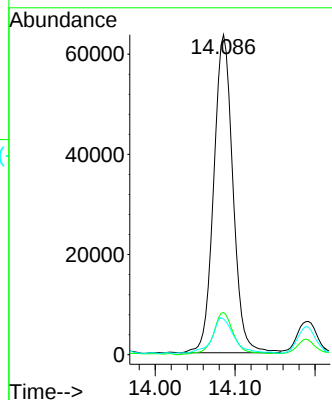
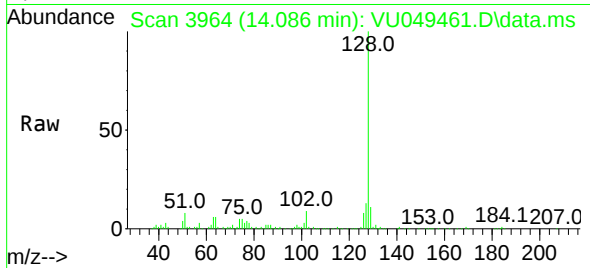




#95
Naphthalene
Concen: 7.425 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Instrument :
MSVOA_U
ClientSampleId :
40814

Tgt Ion:128 Resp: 105719
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 12.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.217 ug/l
RT: 14.324 min Scan# 4038
Delta R.T. -0.006 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion:180 Resp: 214
Ion Ratio Lower Upper
180 100
182 162.6 48.4 145.0#
145 0.0 14.8 44.4#

