

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049463.D
 Acq On : 28 Jun 2022 17:08
 Operator : SY/MD
 Sample : N3480-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 61522B

Quant Time: Jun 28 17:55:39 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	306633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	528819	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	476019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	229022	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	203375	43.066	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.140%
35) Dibromofluoromethane	5.288	113	167080	45.160	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.320%
50) Toluene-d8	7.899	98	641422	48.607	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.220%
62) 4-Bromofluorobenzene	10.632	95	233603	46.213	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.420%

Target Compounds				Qvalue		
3) Chloromethane	1.520	50	1743	Below Cal		99
6) Chloroethane	1.925	64	41	1.933 ug/l #		44
11) Tert butyl alcohol	3.186	59	5104	4.618 ug/l #		37
13) Acrolein	2.472	56	1044	1.395 ug/l #		1
14) Allyl chloride	3.047	41	12257	1.821 ug/l #		55
15) Acrylonitrile	3.362	53	1893	0.712 ug/l #		35
16) Acetone	2.626	43	385215	161.757 ug/l		99
18) Methyl Acetate	3.044	43	29291	4.544 ug/l #		47
19) Methyl tert-butyl Ether	3.366	73	80088	6.466 ug/l #		4
20) Methylene Chloride	3.047	84	755	Below Cal #		56
25) 2-Butanone	4.707	43	56231	15.756 ug/l		94
29) Tetrahydrofuran	5.067	42	605	0.247 ug/l #		31
31) Cyclohexane	5.382	56	25765	3.634 ug/l #		85
36) 1,1-Dichloropropene	5.372	75	23931	4.461 ug/l #		49
37) Ethyl Acetate	4.707	43	56231	7.671 ug/l #		71
38) Carbon Tetrachloride	5.372	117	31182	5.542 ug/l #		16
39) Methylcyclohexane	6.761	83	21319	3.315 ug/l		91
40) Benzene	5.774	78	134702	8.317 ug/l		99
42) 1,2-Dichloroethane	5.784	62	1409	0.234 ug/l #		74
43) Isopropyl Acetate	5.899	43	6755	0.629 ug/l #		58
48) Methyl methacrylate	6.980	41	2015	0.400 ug/l #		78
51) 4-Methyl-2-Pentanone	7.793	43	27533	3.830 ug/l		95
52) Toluene	7.970	92	1833285	190.441 ug/l		100
53) t-1,3-Dichloropropene	7.967	75	21584	3.494 ug/l #		1
55) 1,1,2-Trichloroethane	8.369	97	2184	0.549 ug/l #		22
59) 2-Hexanone	8.687	43	2953	0.522 ug/l		94
67) Ethyl Benzene	9.571	91	444429	24.876 ug/l		97
68) m/p-Xylenes	9.690	106	712650	107.808 ug/l		90
69) o-Xylene	10.099	106	433389	66.041 ug/l		89
70) Styrene	10.105	104	47182	4.475 ug/l #		1
73) Isopropylbenzene	10.484	105	47530	2.913 ug/l		97
76) 1,2,3-Trichloropropane	10.996	75	5489	0.707 ug/l #		1
78) n-propylbenzene	10.906	91	118395	5.972 ug/l		96
79) 2-Chlorotoluene	10.996	91	74087	6.066 ug/l #		38
80) 1,3,5-Trimethylbenzene	11.089	105	226693	15.916 ug/l		94
81) trans-1,4-Dichloro-2-b...	10.632	75	116422	55.378 ug/l #		15

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049463.D
 Acq On : 28 Jun 2022 17:08
 Operator : SY/MD
 Sample : N3480-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 61522B

Quant Time: Jun 28 17:55:39 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)

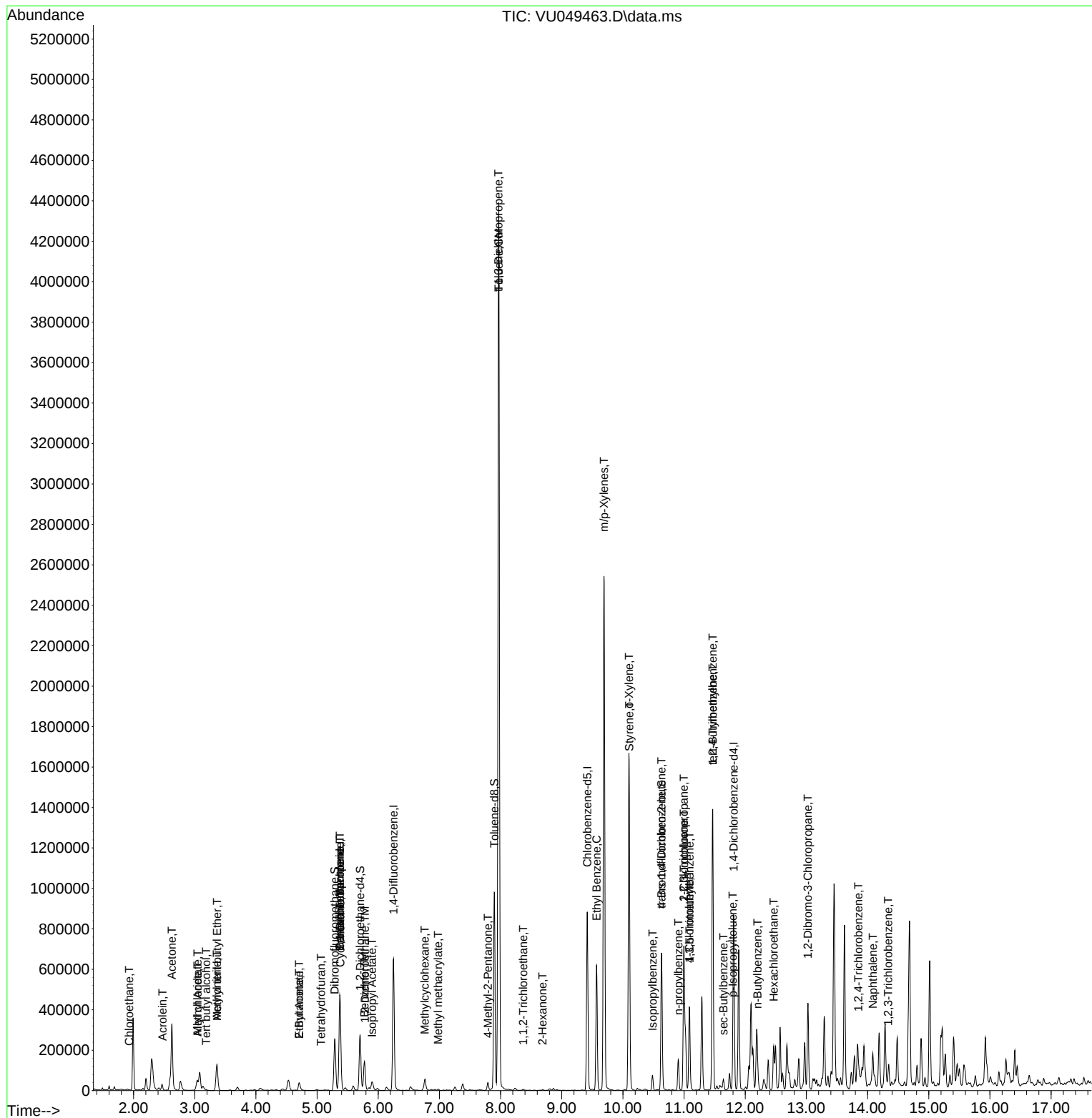
82) 4-Chlorotoluene	11.086	91	24936	1.815	ug/l #	43
83) tert-Butylbenzene	11.468	119	90237	6.441	ug/l #	51
84) 1,2,4-Trimethylbenzene	11.468	105	782794	55.945	ug/l	95
85) sec-Butylbenzene	11.642	105	33958	1.928	ug/l	97
86) p-Isopropyltoluene	11.793	119	19834	1.392	ug/l	90
89) n-Butylbenzene	12.201	91	57245	4.342	ug/l #	32
90) Hexachloroethane	12.465	117	10505	3.703	ug/l #	5
92) 1,2-Dibromo-3-Chloropr...	13.024	75	1895	1.069	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.848	180	152	1.782	ug/l #	1
95) Naphthalene	14.086	128	131999	8.842	ug/l	98
96) 1,2,3-Trichlorobenzene	14.336	180	77	1.191	ug/l #	1

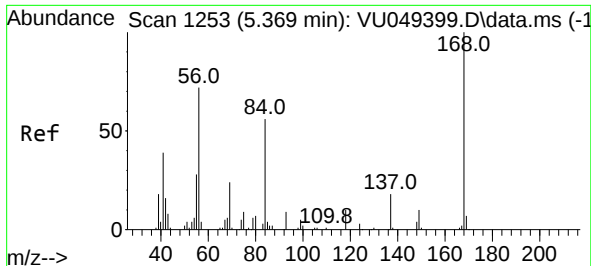
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
Data File : VU049463.D
Acq On : 28 Jun 2022 17:08
Operator : SY/MD
Sample : N3480-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
61522B

Quant Time: Jun 28 17:55:39 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

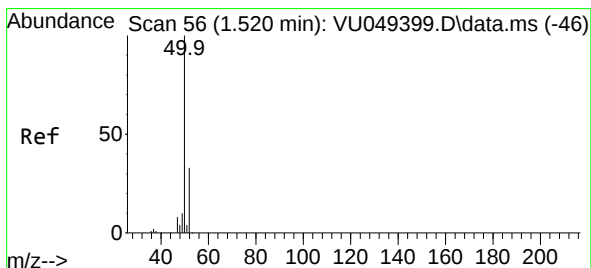
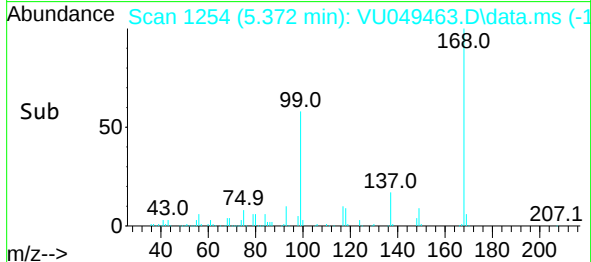
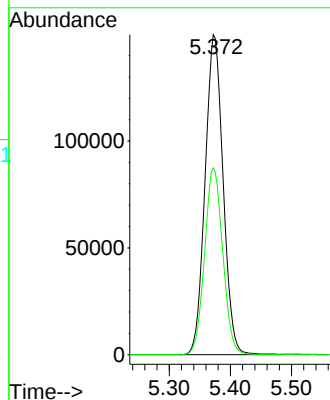
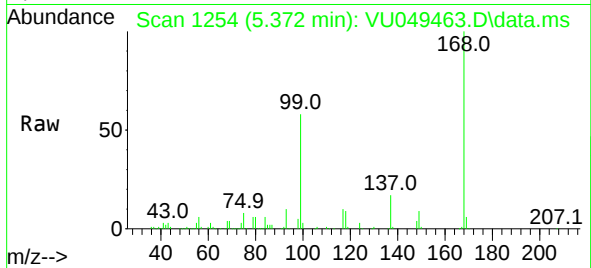




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

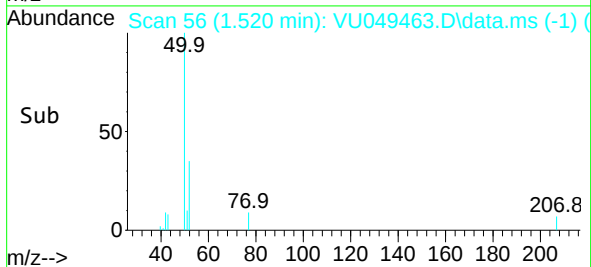
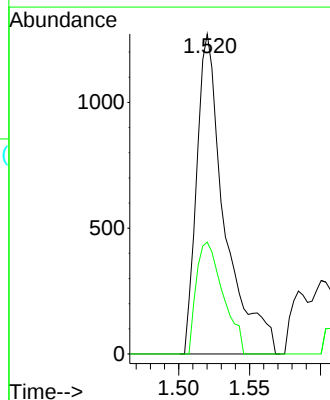
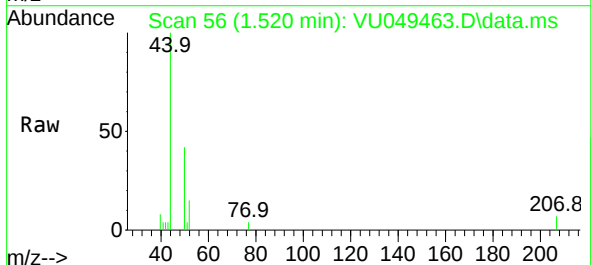
Instrument :
MSVOA_U
ClientSampleId :
61522B

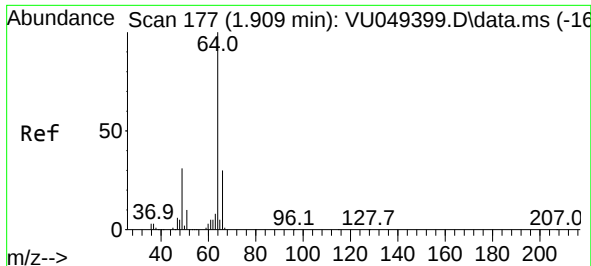
Tgt Ion:168 Resp: 306633
Ion Ratio Lower Upper
168 100
99 58.4 39.3 58.9



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

Tgt Ion: 50 Resp: 1743
Ion Ratio Lower Upper
50 100
52 35.0 27.4 41.2

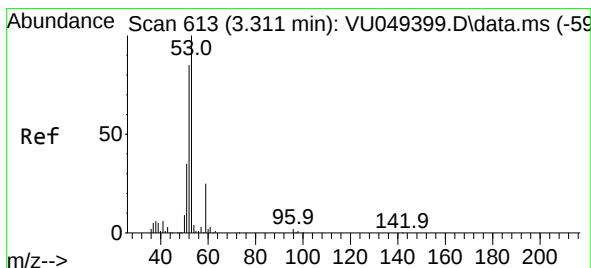
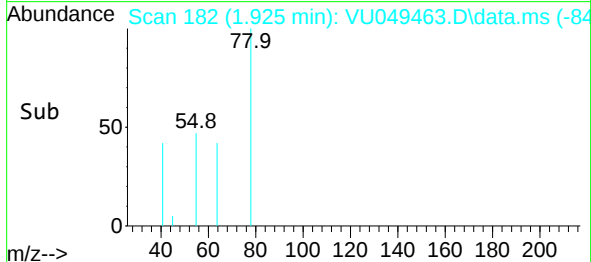
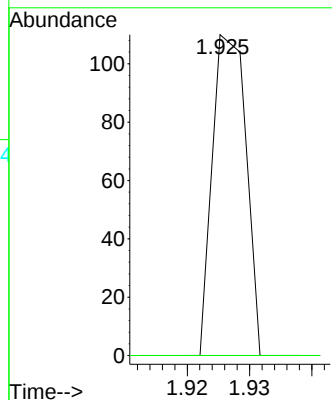
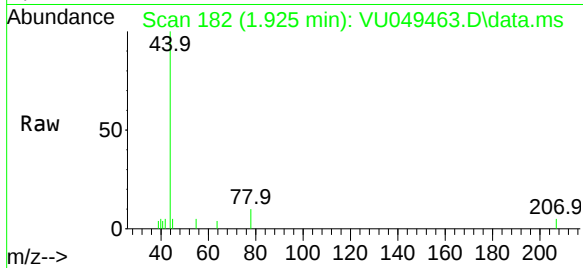




#6
Chloroethane
Concen: 1.933 ug/l
RT: 1.925 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

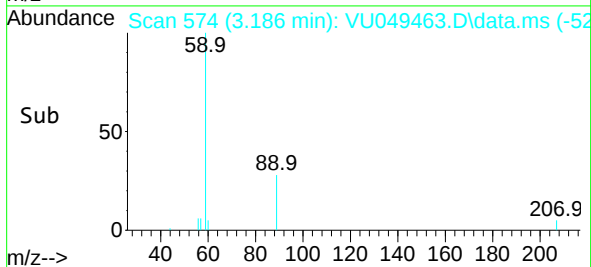
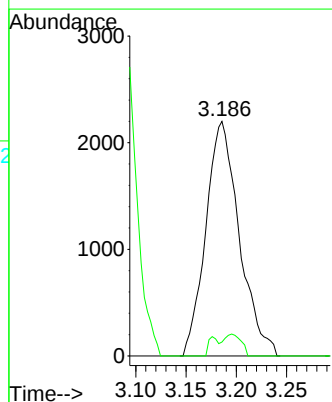
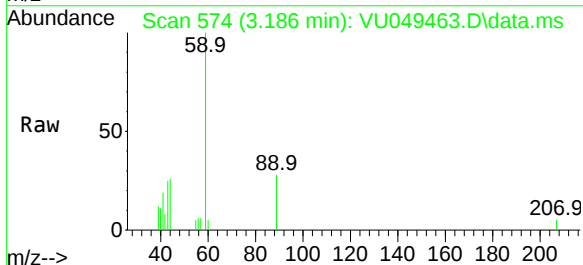
Instrument :
MSVOA_U
ClientSampleId :
61522B

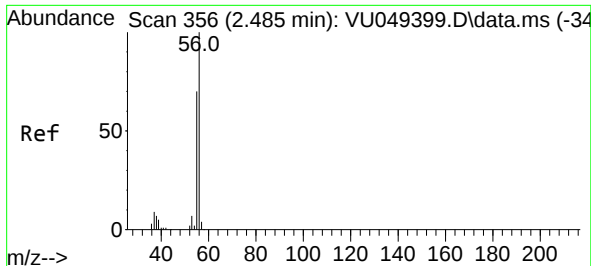
Tgt Ion: 64 Resp: 41
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 4.618 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.125 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

Tgt Ion: 59 Resp: 5104
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#





#13

Acrolein

Concen: 1.395 ug/l

RT: 2.472 min Scan# 31

Delta R.T. -0.013 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

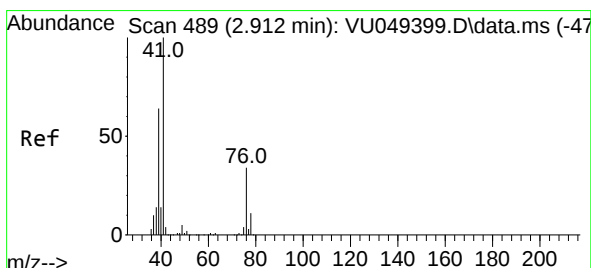
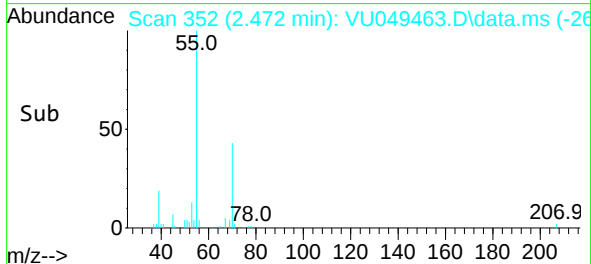
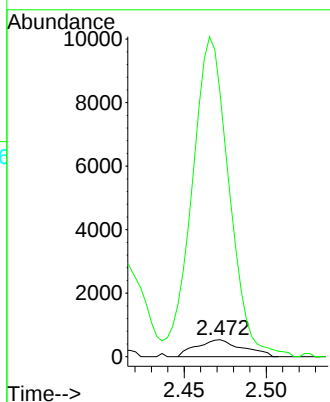
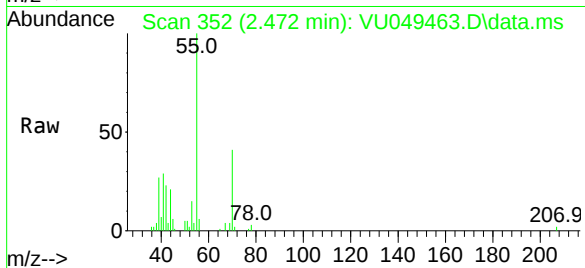
61522B

Tgt Ion: 56 Resp: 1044

Ion Ratio Lower Upper

56 100

55 1506.3 56.6 85.0#



#14

Allyl chloride

Concen: 1.821 ug/l

RT: 3.047 min Scan# 531

Delta R.T. 0.135 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

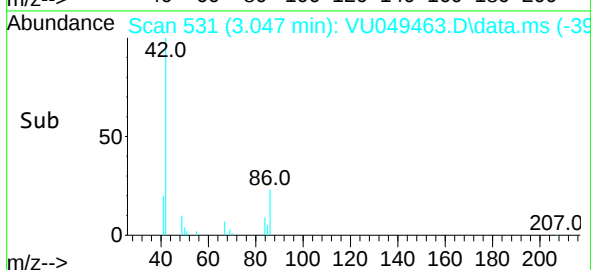
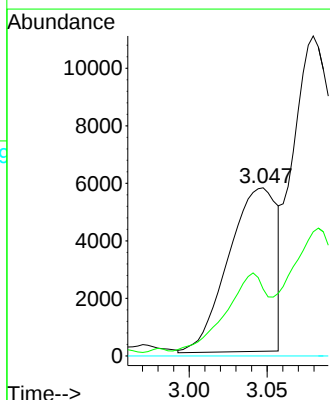
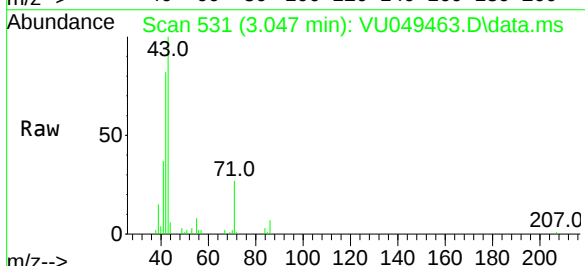
Tgt Ion: 41 Resp: 12257

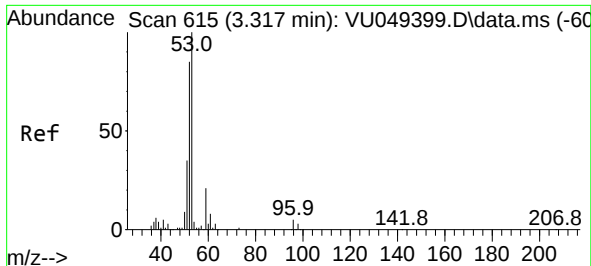
Ion Ratio Lower Upper

41 100

39 41.4 53.4 80.2#

76 0.0 33.8 50.6#

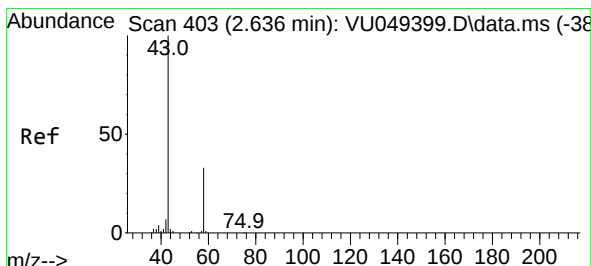
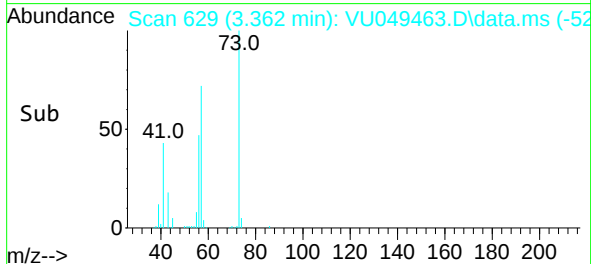
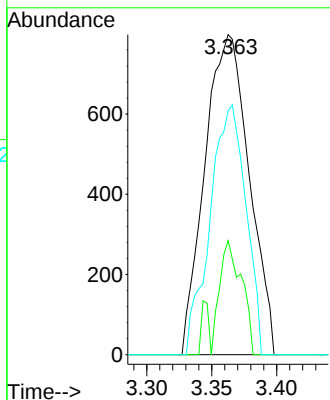
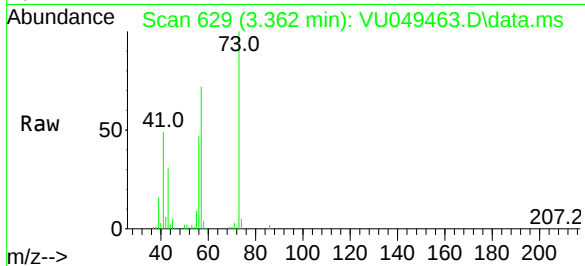




#15
Acrylonitrile
Concen: 0.712 ug/l
RT: 3.362 min Scan# 615
Delta R.T. 0.045 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

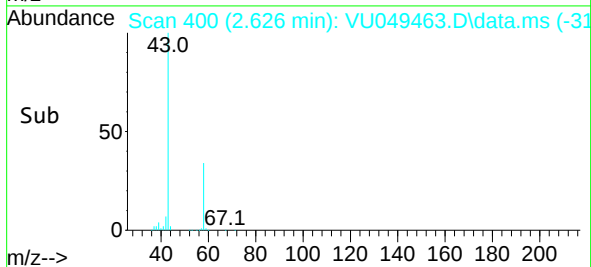
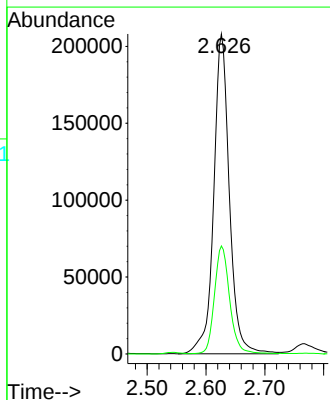
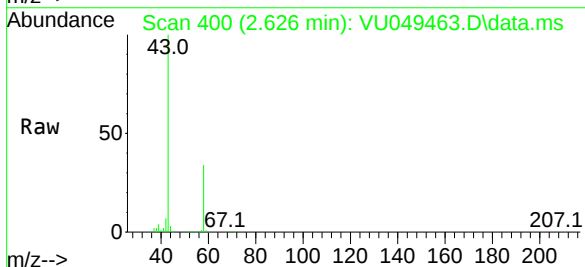
Instrument :
MSVOA_U
ClientSampleId :
61522B

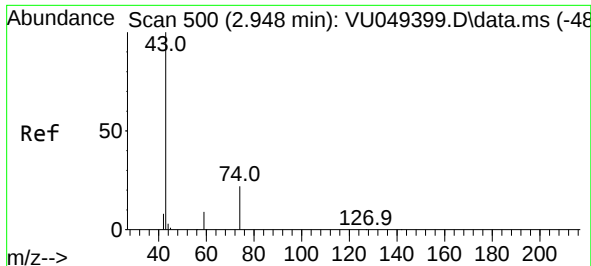
Tgt Ion: 53 Resp: 1893
Ion Ratio Lower Upper
53 100
52 17.6 65.7 98.5#
51 63.0 28.2 42.4#



#16
Acetone
Concen: 161.757 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.010 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

Tgt Ion: 43 Resp: 385215
Ion Ratio Lower Upper
43 100
58 33.6 27.5 41.3

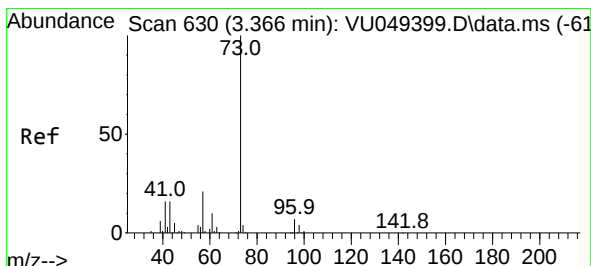
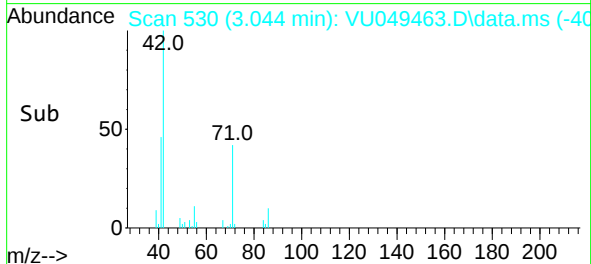
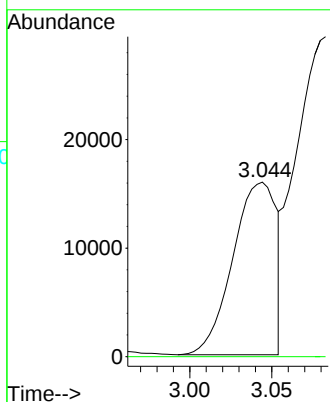
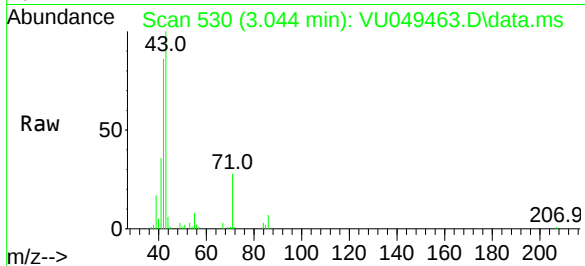




#18
Methyl Acetate
Concen: 4.544 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.097 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

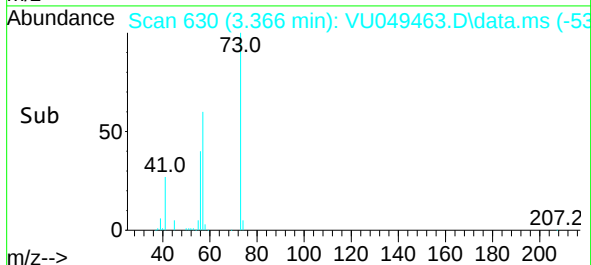
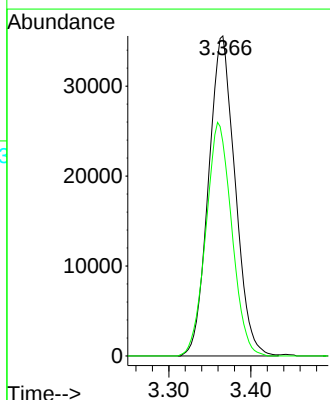
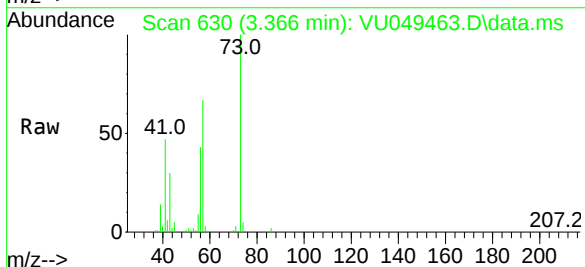
Instrument :
MSVOA_U
ClientSampleId :
61522B

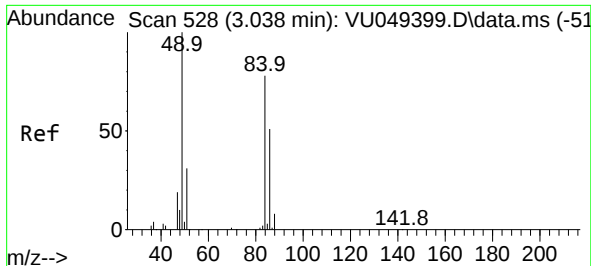
Tgt Ion: 43 Resp: 29291
Ion Ratio Lower Upper
43 100
74 0.0 22.5 33.7#



#19
Methyl tert-butyl Ether
Concen: 6.466 ug/l
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

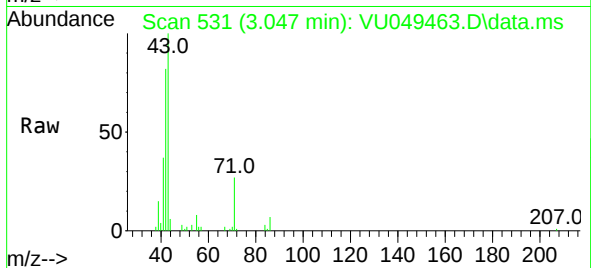
Tgt Ion: 73 Resp: 80088
Ion Ratio Lower Upper
73 100
57 66.8 17.1 25.7#



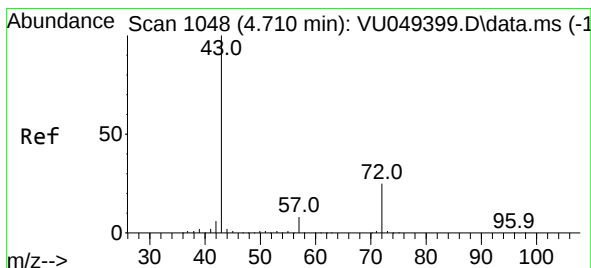
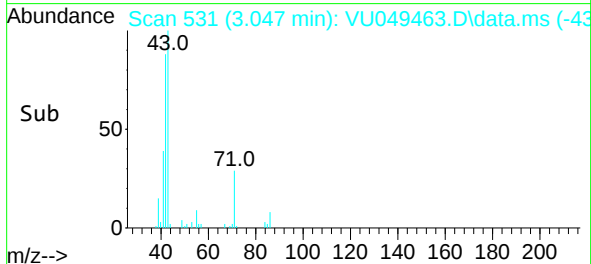
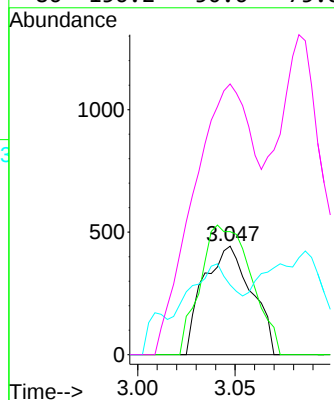


#20
Methylene Chloride
Concen: Below Cal
RT: 3.047 min Scan# 51
Delta R.T. 0.010 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

Instrument :
MSVOA_U
ClientSampleId :
61522B

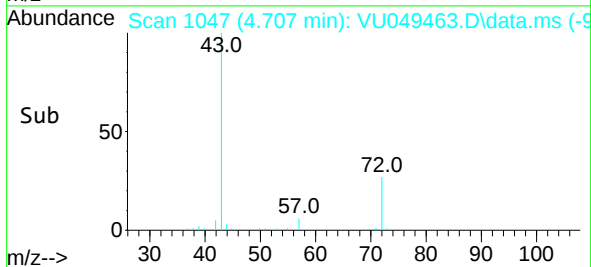
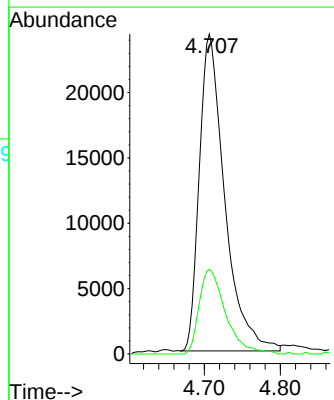
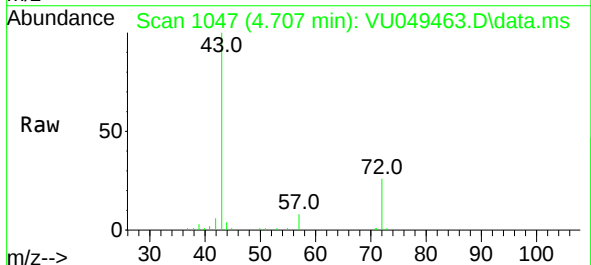


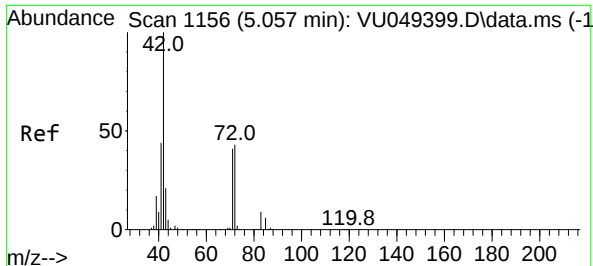
Tgt Ion: 84 Resp: 755
Ion Ratio Lower Upper
84 100
49 113.3 86.6 129.8
51 17.8 26.6 40.0#
86 156.2 50.6 75.8#



#25
2-Butanone
Concen: 15.756 ug/l
RT: 4.707 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

Tgt Ion: 43 Resp: 56231
Ion Ratio Lower Upper
43 100
72 26.7 23.8 35.6





#29

Tetrahydrofuran

Concen: 0.247 ug/l

RT: 5.067 min Scan# 1156

Delta R.T. 0.010 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

61522B

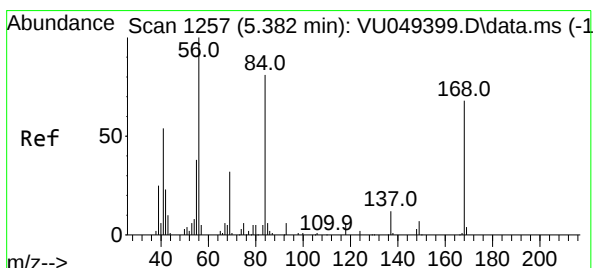
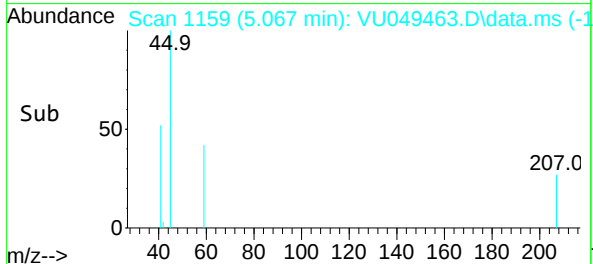
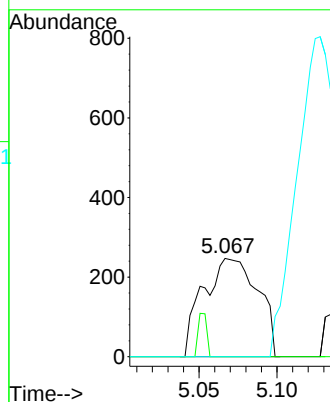
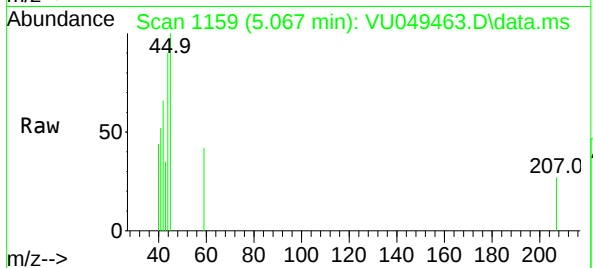
Tgt Ion: 42 Resp: 605

Ion Ratio Lower Upper

42 100

72 6.9 42.6 63.8#

71 0.0 40.3 60.5#



#31

Cyclohexane

Concen: 3.634 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

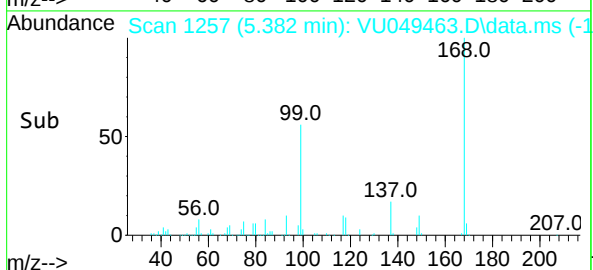
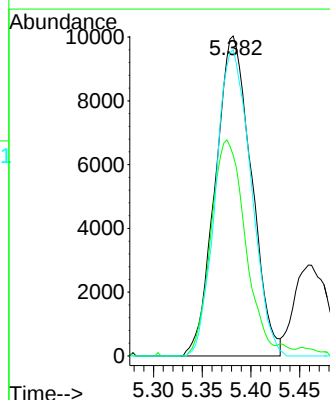
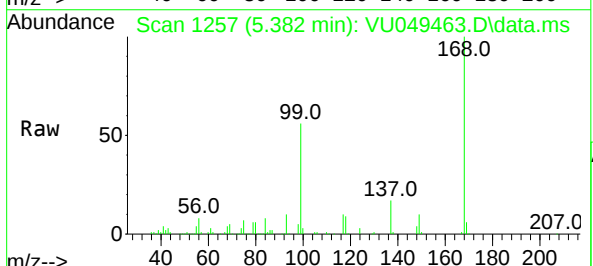
Tgt Ion: 56 Resp: 25765

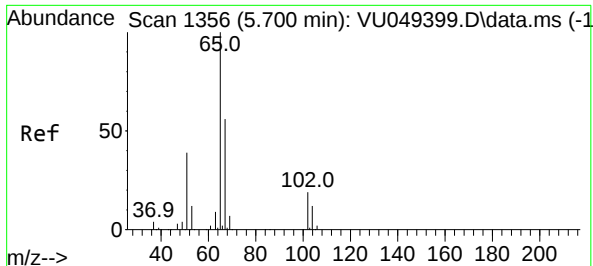
Ion Ratio Lower Upper

56 100

69 62.7 27.8 41.8#

84 95.7 74.2 111.4





#33

1,2-Dichloroethane-d4

Concen: 43.066 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

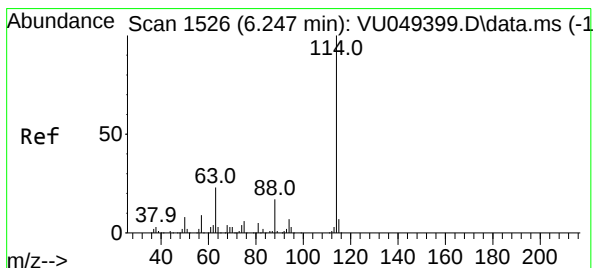
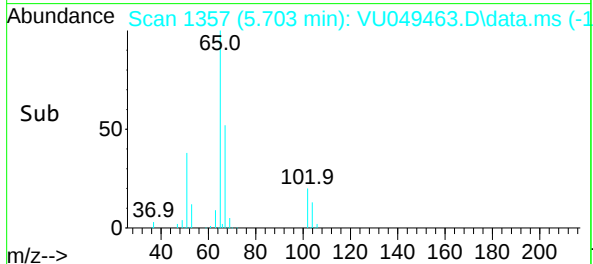
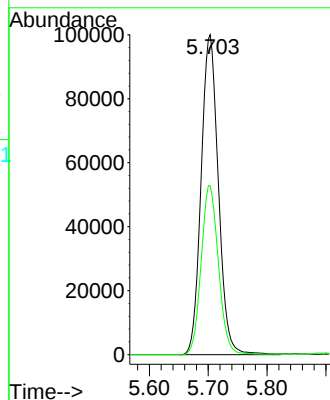
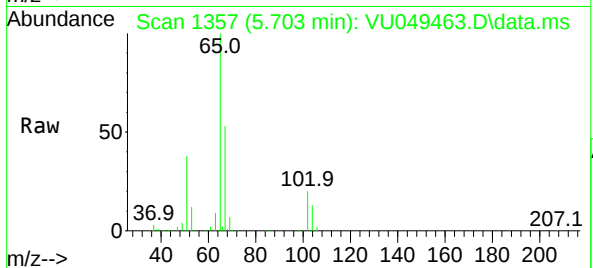
61522B

Tgt Ion: 65 Resp: 203375

Ion Ratio Lower Upper

65 100

67 53.0 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: VU049463.D

Acq: 28 Jun 2022 17:08

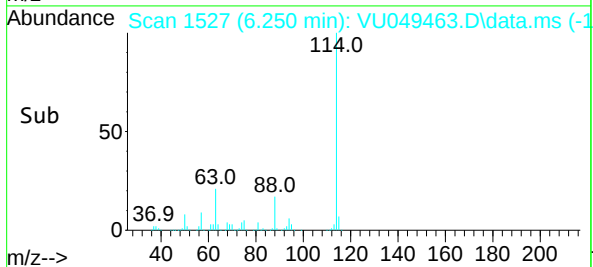
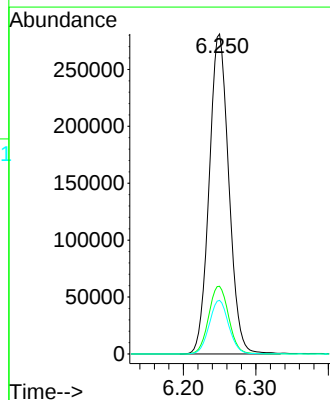
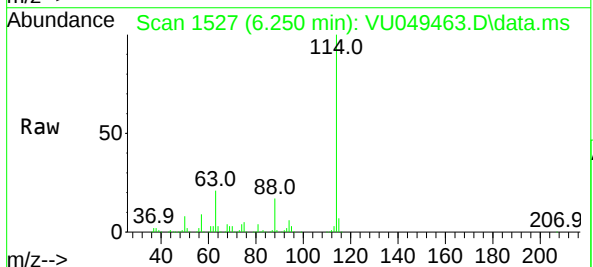
Tgt Ion: 114 Resp: 528819

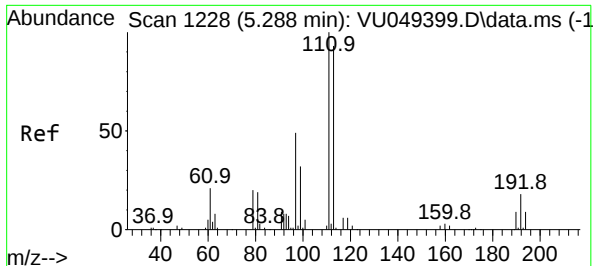
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.8

88 16.7 0.0 29.2

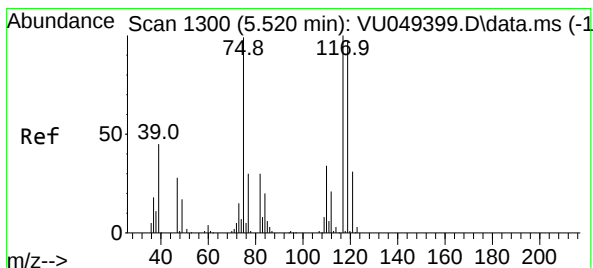
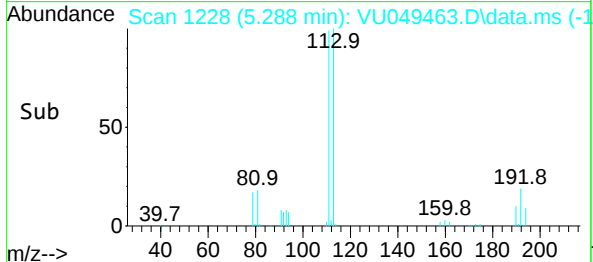
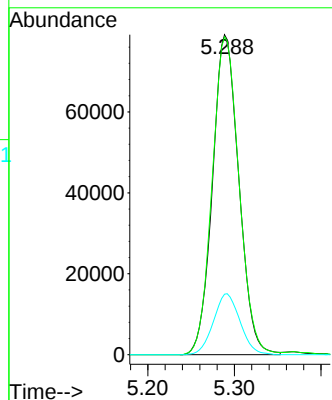
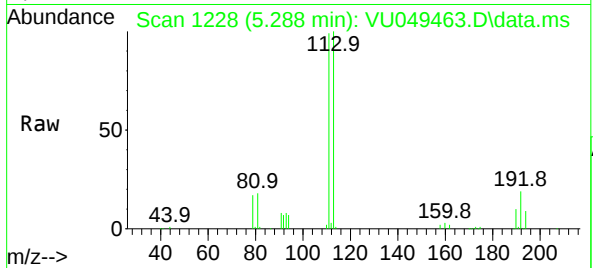




#35
Dibromofluoromethane
Concen: 45.160 ug/l
RT: 5.288 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

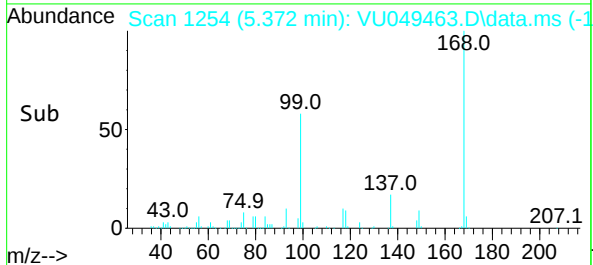
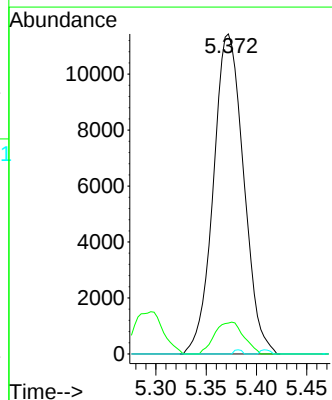
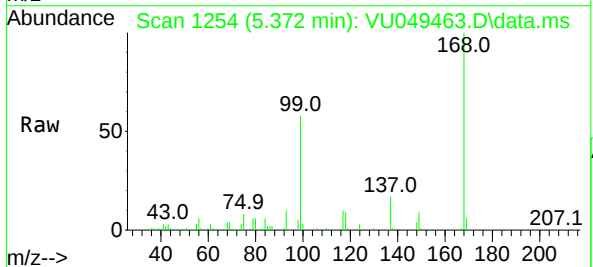
Instrument :
MSVOA_U
ClientSampleId :
61522B

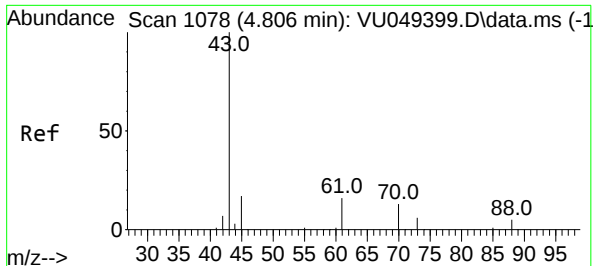
Tgt Ion:113 Resp: 167080
Ion Ratio Lower Upper
113 100
111 100.9 82.1 123.1
192 19.2 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.461 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.148 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

Tgt Ion: 75 Resp: 23931
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.2#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 7.671 ug/l

RT: 4.707 min Scan# 11

Delta R.T. -0.100 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

61522B

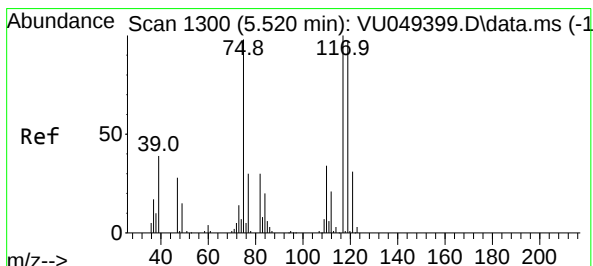
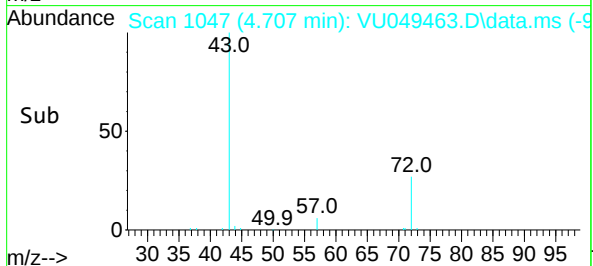
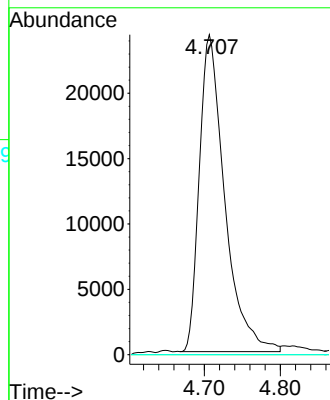
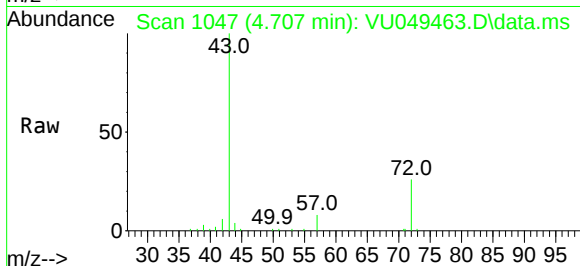
Tgt Ion: 43 Resp: 56231

Ion Ratio Lower Upper

43 100

61 0.0 9.5 14.3#

70 0.0 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 5.542 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

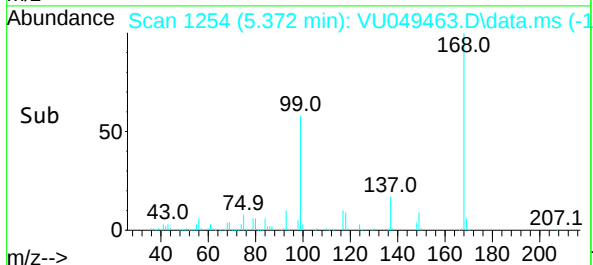
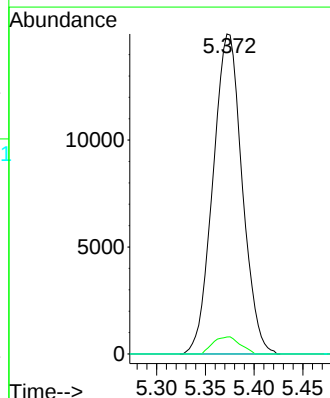
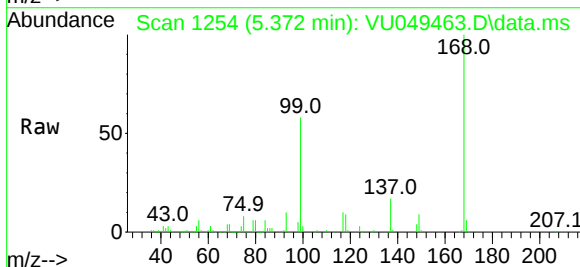
Tgt Ion: 117 Resp: 31182

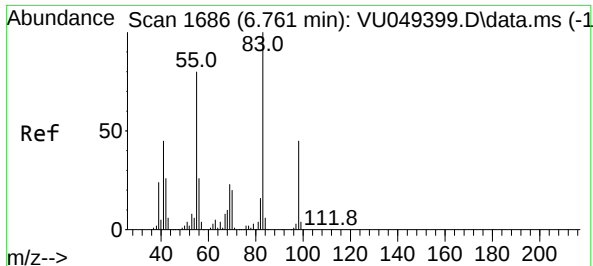
Ion Ratio Lower Upper

117 100

119 5.3 76.8 115.2#

121 0.0 24.7 37.1#





#39

Methylcyclohexane

Concen: 3.315 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

61522B

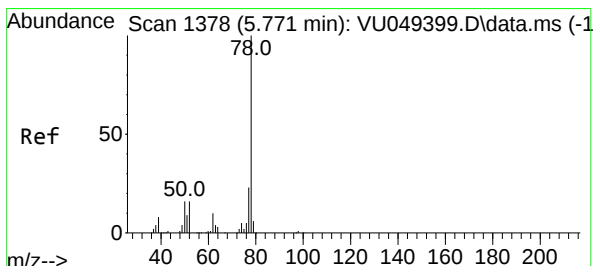
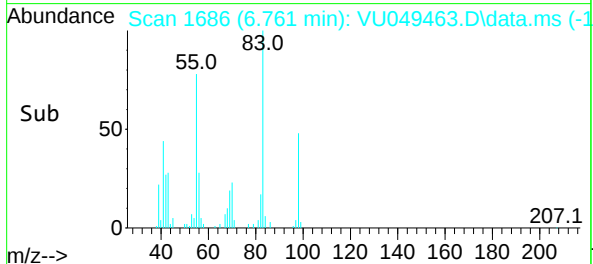
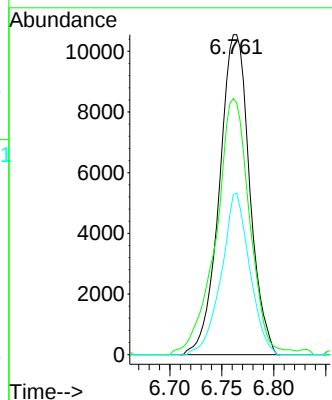
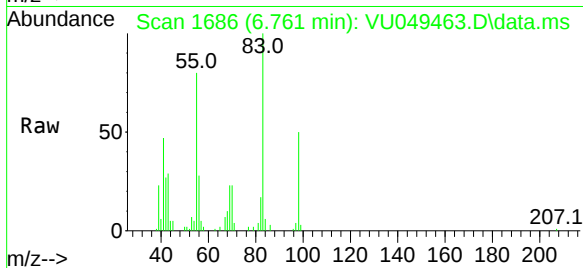
Tgt Ion: 83 Resp: 21319

Ion Ratio Lower Upper

83 100

55 78.2 55.3 82.9

98 50.0 37.3 55.9



#40

Benzene

Concen: 8.317 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049463.D

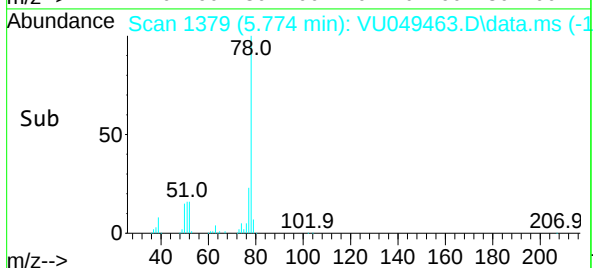
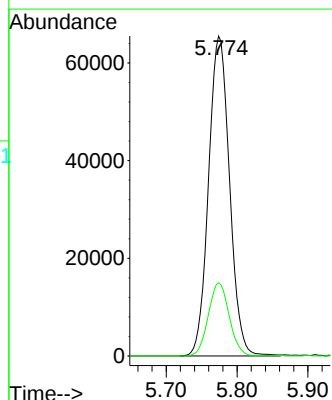
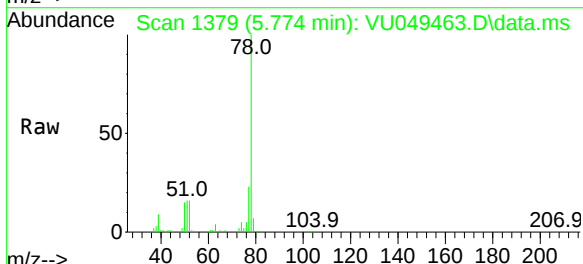
Acq: 28 Jun 2022 17:08

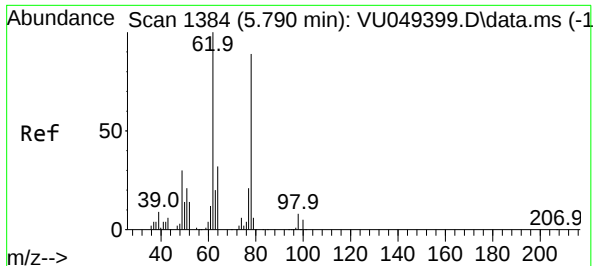
Tgt Ion: 78 Resp: 134702

Ion Ratio Lower Upper

78 100

77 22.8 18.8 28.2





#42

1,2-Dichloroethane

Concen: 0.234 ug/l

RT: 5.784 min Scan# 1418

Delta R.T. -0.006 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

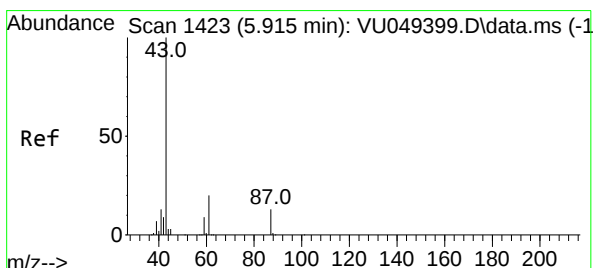
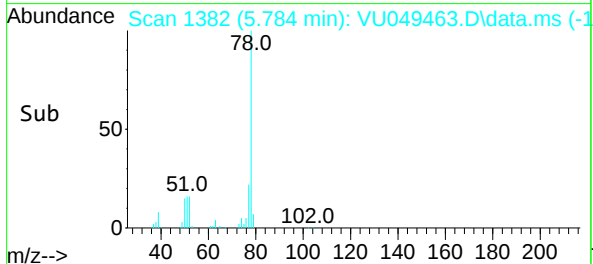
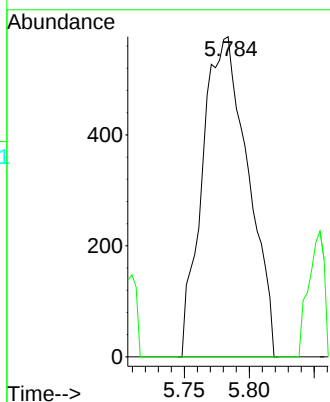
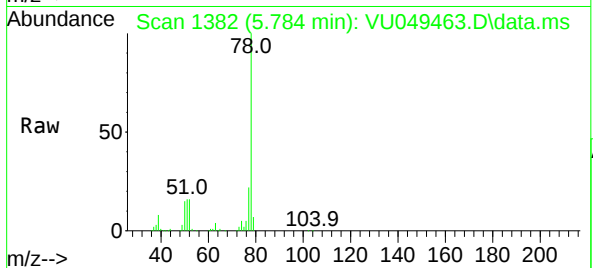
61522B

Tgt Ion: 62 Resp: 1409

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.6



#43

Isopropyl Acetate

Concen: 0.629 ug/l

RT: 5.899 min Scan# 1418

Delta R.T. -0.016 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

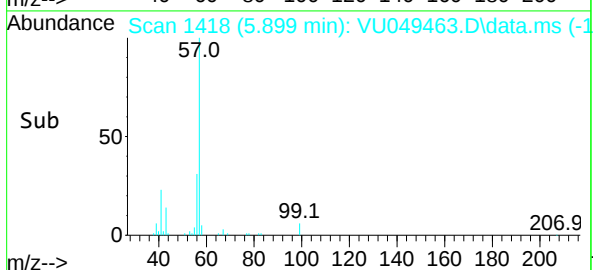
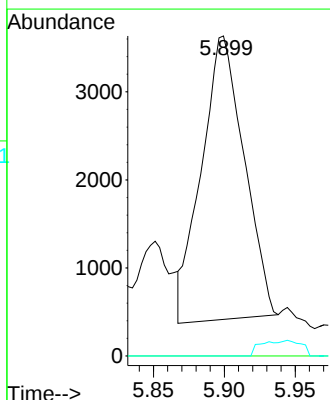
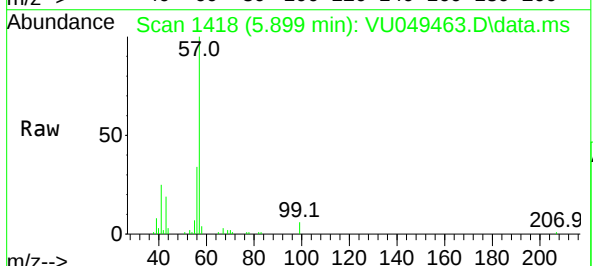
Tgt Ion: 43 Resp: 6755

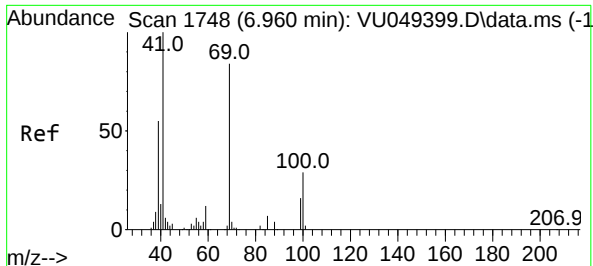
Ion Ratio Lower Upper

43 100

61 0.0 17.4 26.0#

87 0.0 12.6 18.8#





#48

Methyl methacrylate

Concen: 0.400 ug/l

RT: 6.980 min Scan# 1

Delta R.T. 0.019 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

61522B

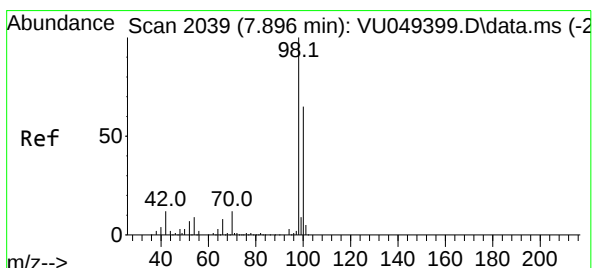
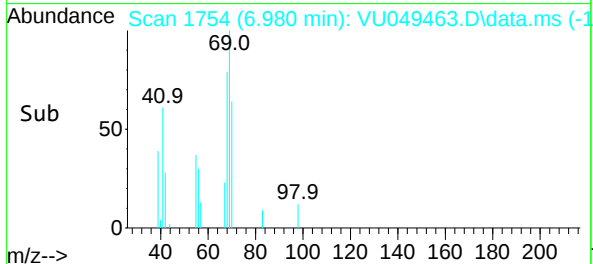
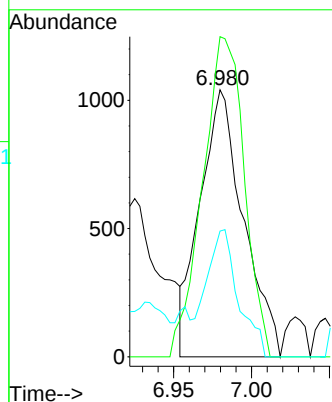
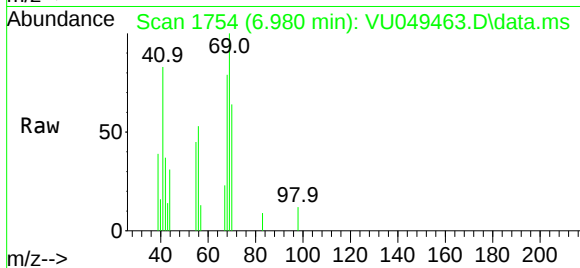
Tgt Ion: 41 Resp: 2015

Ion Ratio Lower Upper

41 100

69 115.3 79.8 119.6

39 35.8 47.9 71.9#



#50

Toluene-d8

Concen: 48.607 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.003 min

Lab File: VU049463.D

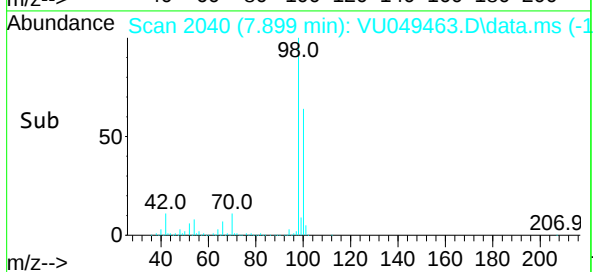
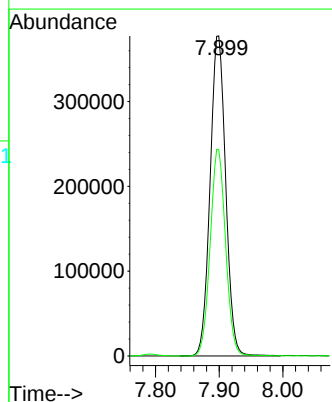
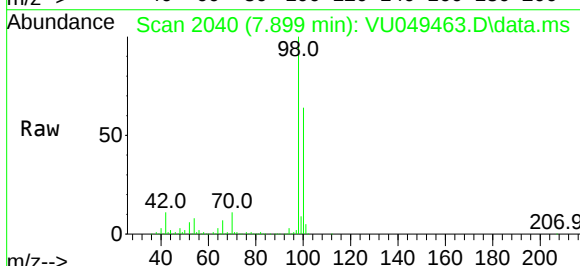
Acq: 28 Jun 2022 17:08

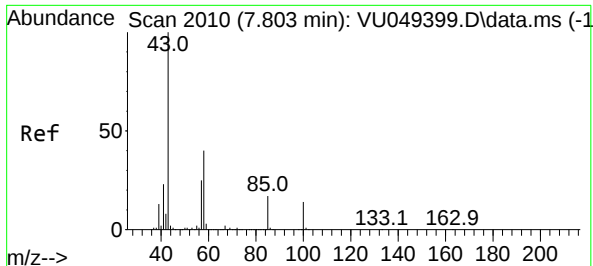
Tgt Ion: 98 Resp: 641422

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 3.830 ug/l

RT: 7.793 min Scan# 2010

Delta R.T. -0.010 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

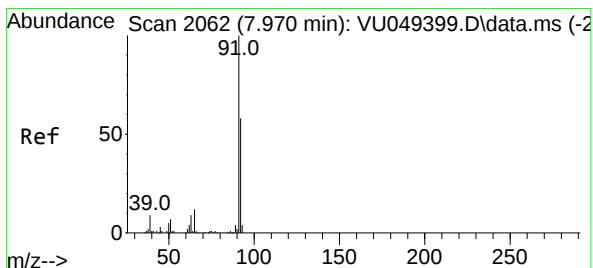
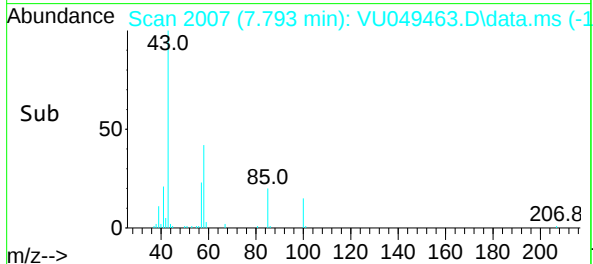
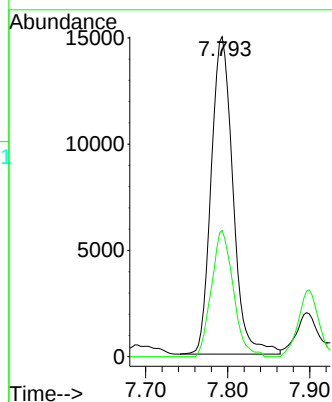
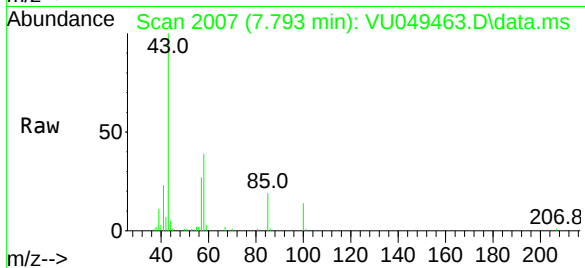
61522B

Tgt Ion: 43 Resp: 27533

Ion Ratio Lower Upper

43 100

58 39.9 34.7 52.1



#52

Toluene

Concen: 190.441 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049463.D

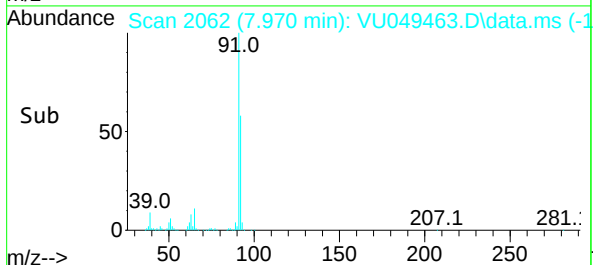
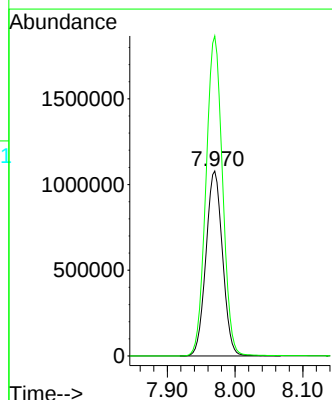
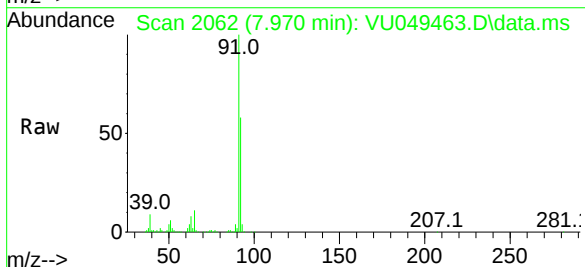
Acq: 28 Jun 2022 17:08

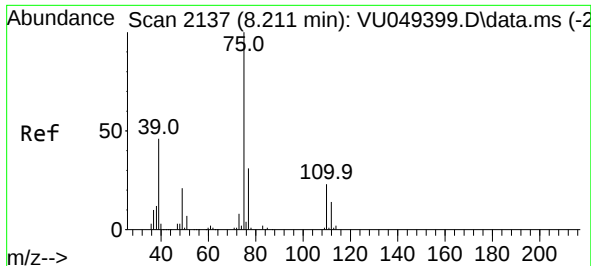
Tgt Ion: 92 Resp: 1833285

Ion Ratio Lower Upper

92 100

91 173.0 138.2 207.4

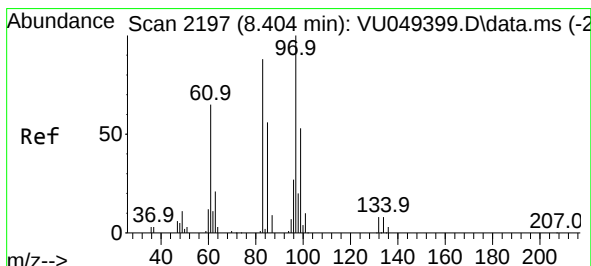
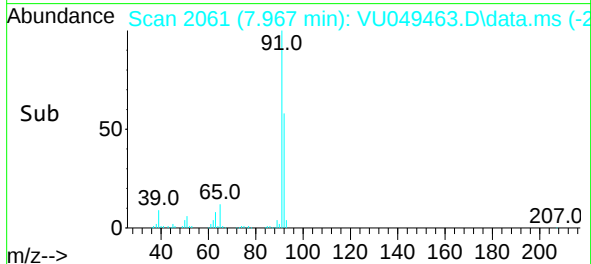
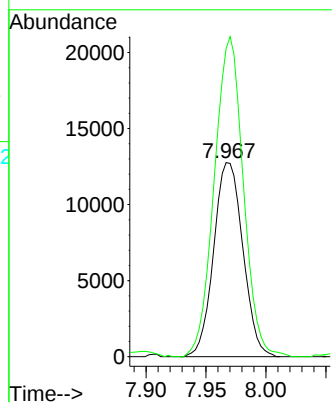
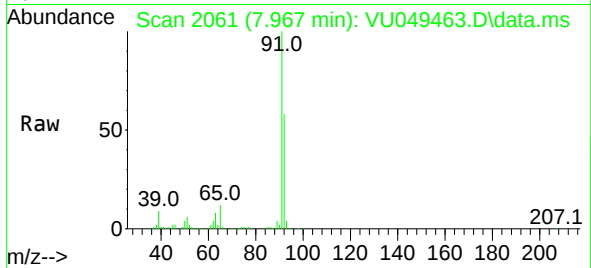




#53
t-1,3-Dichloropropene
Concen: 3.494 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.244 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

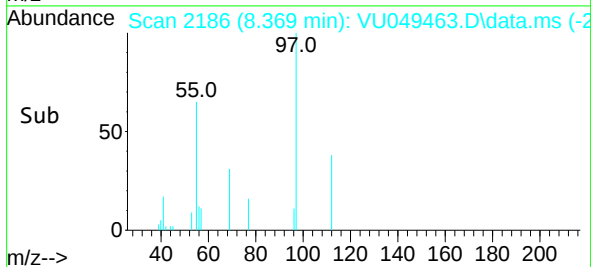
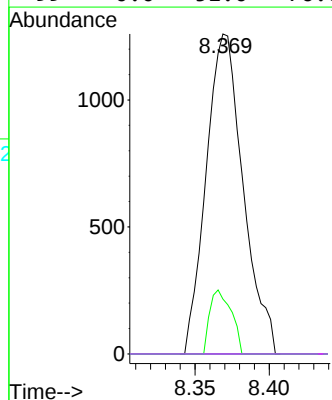
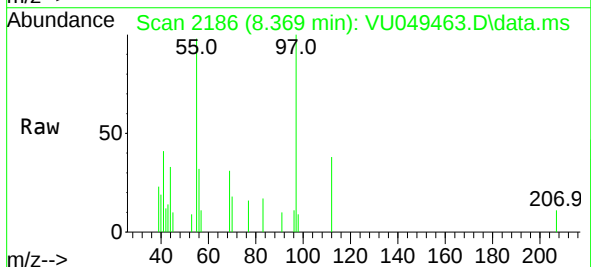
Instrument :
MSVOA_U
ClientSampleId :
61522B

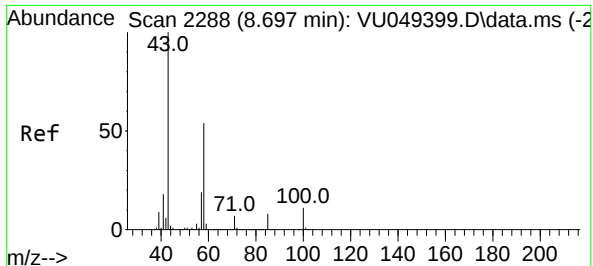
Tgt Ion: 75 Resp: 21584
Ion Ratio Lower Upper
75 100
77 158.8 25.4 38.0#



#55
1,1,2-Trichloroethane
Concen: 0.549 ug/l
RT: 8.369 min Scan# 2186
Delta R.T. -0.035 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

Tgt Ion: 97 Resp: 2184
Ion Ratio Lower Upper
97 100
83 17.1 70.2 105.4#
85 0.0 44.6 66.8#
99 0.0 51.0 76.6#





#59

2-Hexanone

Concen: 0.522 ug/l

RT: 8.687 min Scan# 21

Delta R.T. -0.010 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

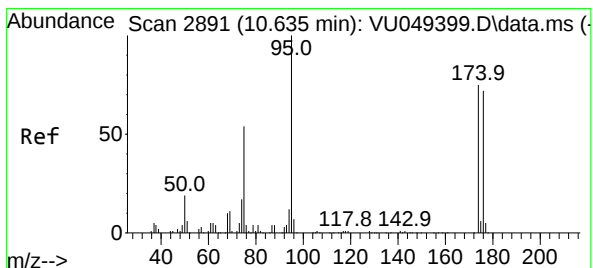
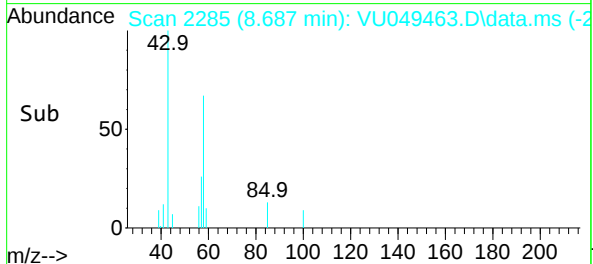
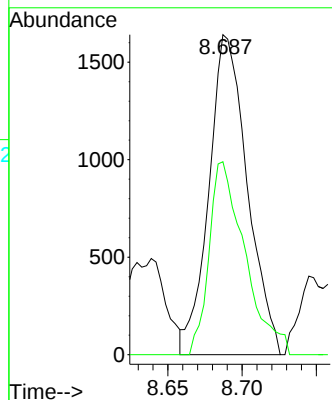
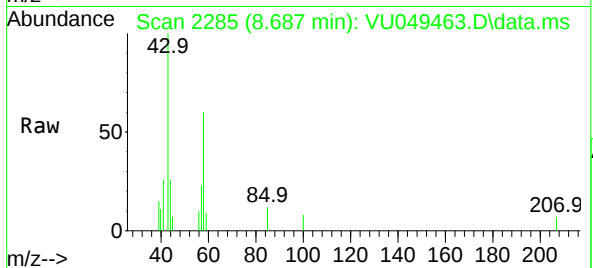
61522B

Tgt Ion: 43 Resp: 2953

Ion Ratio Lower Upper

43 100

58 56.3 30.3 90.8



#62

4-Bromofluorobenzene

Concen: 46.213 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.003 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

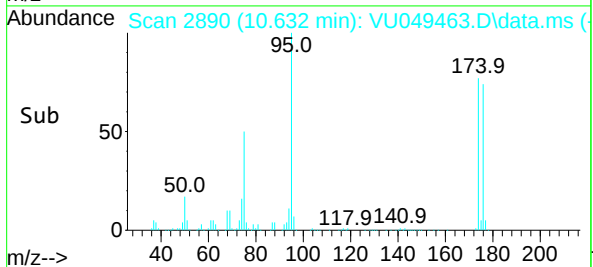
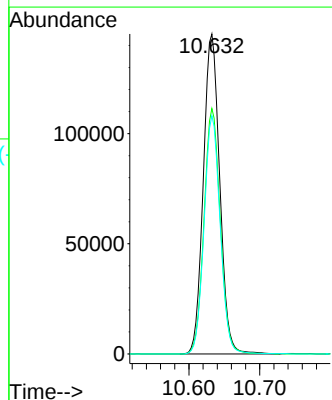
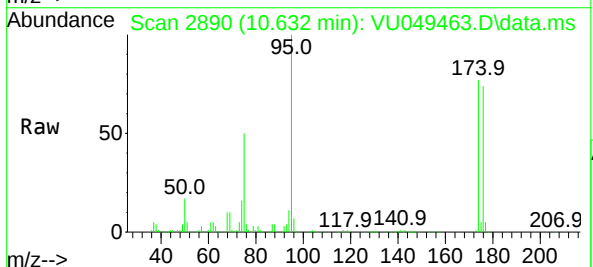
Tgt Ion: 95 Resp: 233603

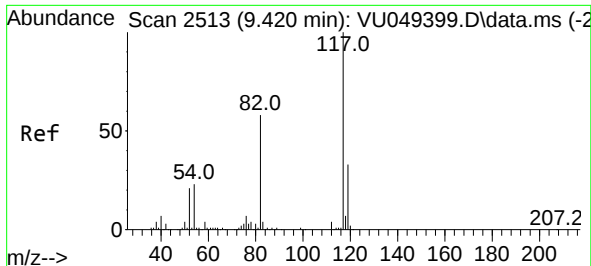
Ion Ratio Lower Upper

95 100

174 76.2 0.0 182.0

176 72.9 0.0 177.8

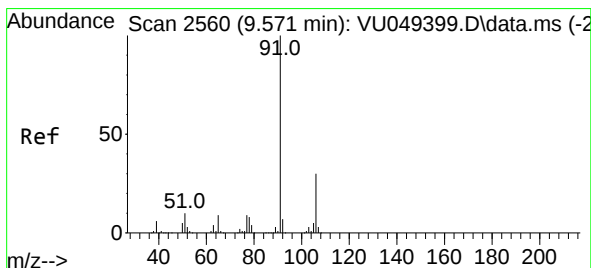
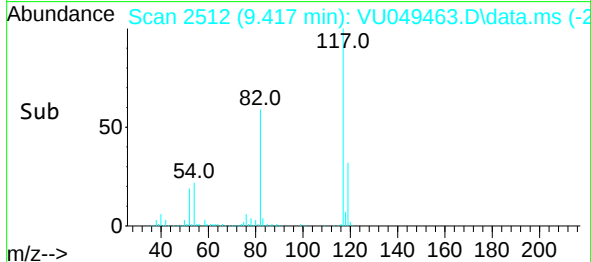
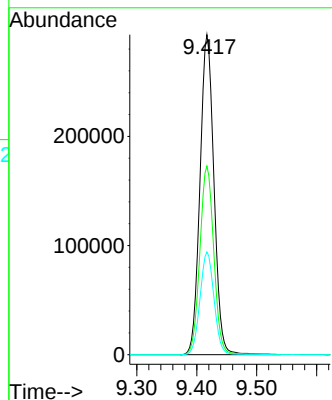
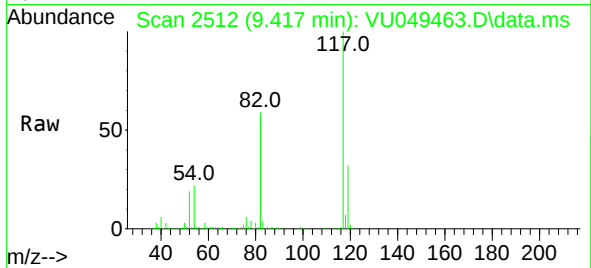




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

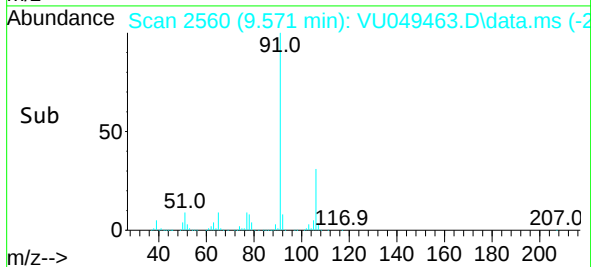
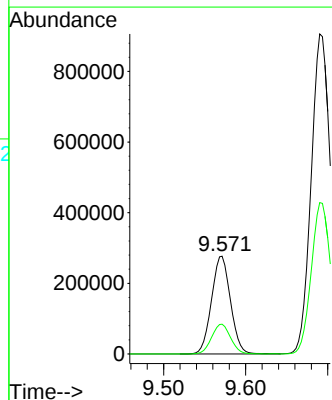
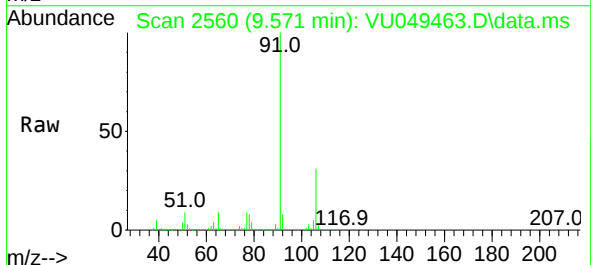
Instrument :
MSVOA_U
ClientSampleId :
61522B

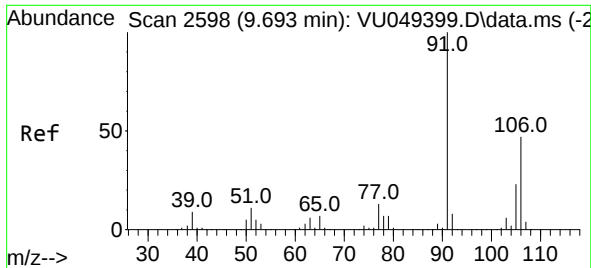
Tgt Ion:117 Resp: 476019
Ion Ratio Lower Upper
117 100
82 58.9 41.7 62.5
119 32.1 25.7 38.5



#67
Ethyl Benzene
Concen: 24.876 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

Tgt Ion: 91 Resp: 444429
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

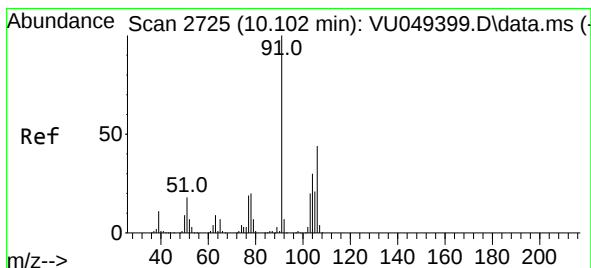
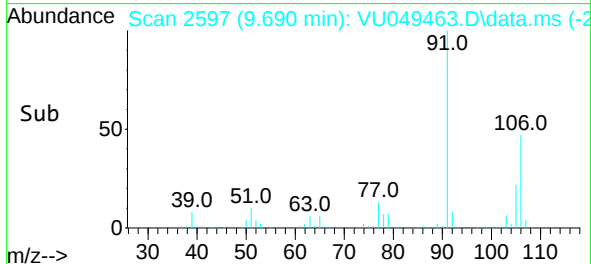
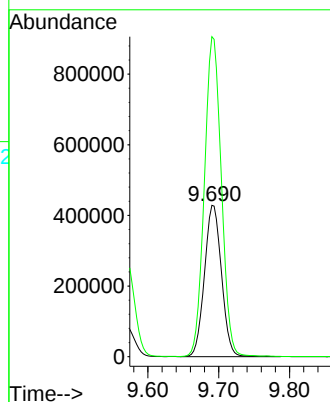
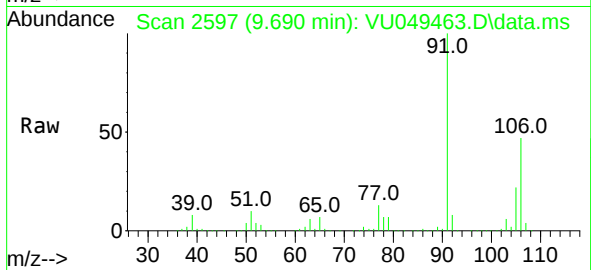




#68
m/p-Xylenes
Concen: 107.808 ug/l
RT: 9.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

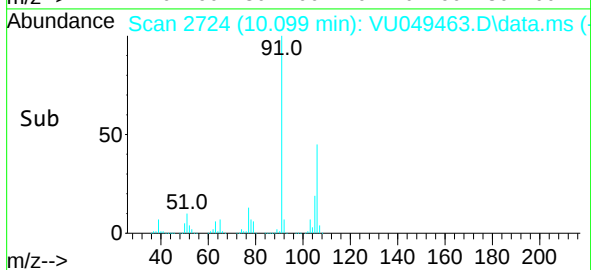
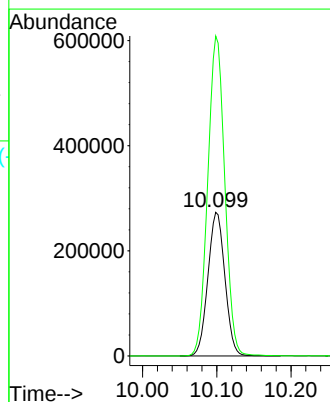
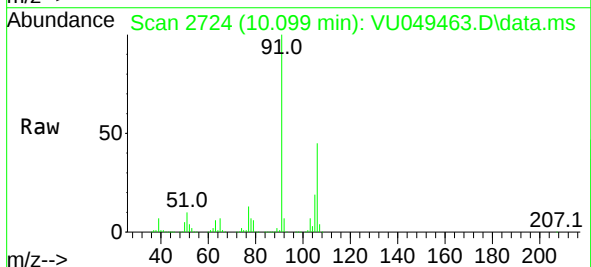
Instrument :
MSVOA_U
ClientSampleId :
61522B

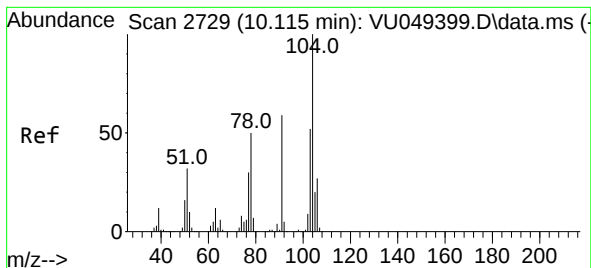
Tgt Ion:106 Resp: 712650
Ion Ratio Lower Upper
106 100
91 210.8 157.2 235.8



#69
o-Xylene
Concen: 66.041 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

Tgt Ion:106 Resp: 433389
Ion Ratio Lower Upper
106 100
91 223.5 103.5 310.5





#70

Styrene

Concen: 4.475 ug/l

RT: 10.105 min Scan# 21

Delta R.T. -0.010 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

61522B

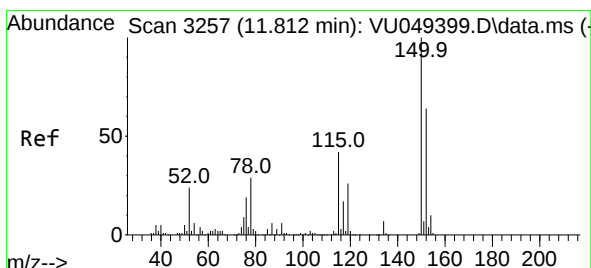
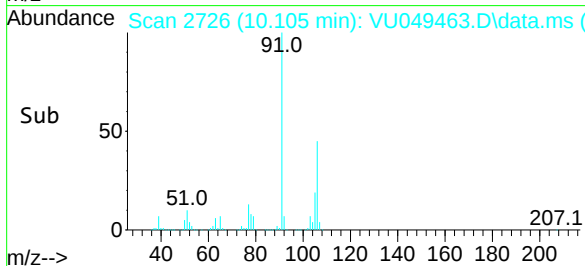
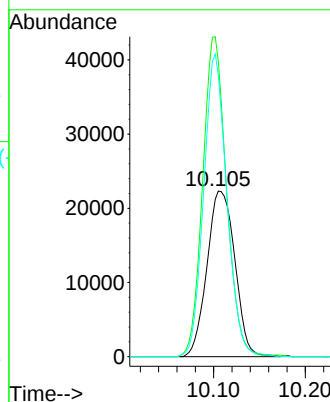
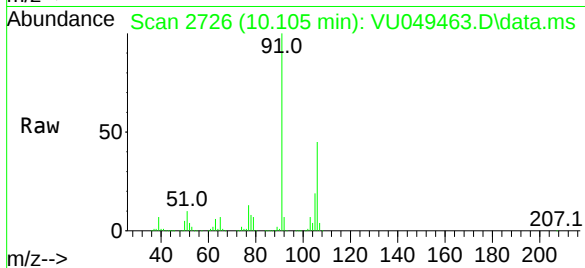
Tgt Ion:104 Resp: 47182

Ion Ratio Lower Upper

104 100

78 163.8 38.0 57.0#

103 151.9 43.9 65.9#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.000 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

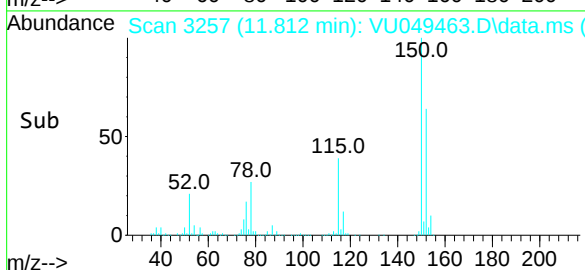
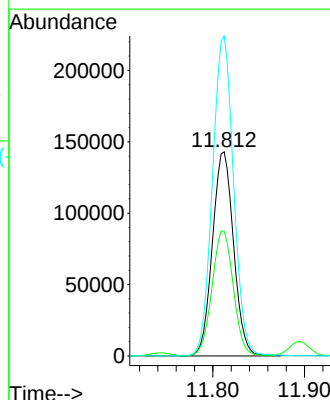
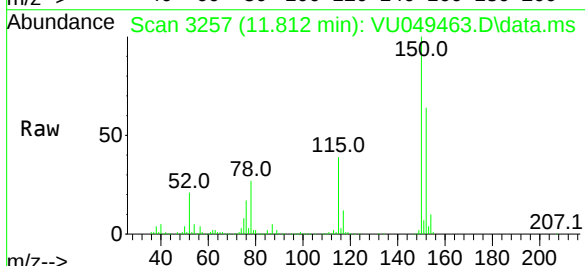
Tgt Ion:152 Resp: 229022

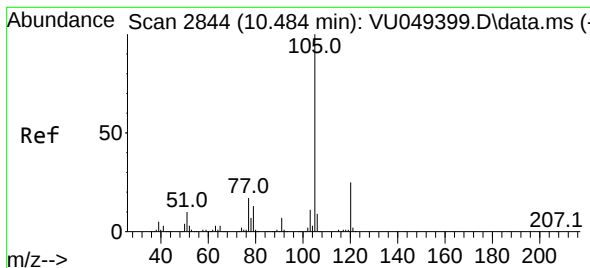
Ion Ratio Lower Upper

152 100

115 61.7 37.0 110.9

150 156.4 0.0 342.2





#73

Isopropylbenzene

Concen: 2.913 ug/l

RT: 10.484 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

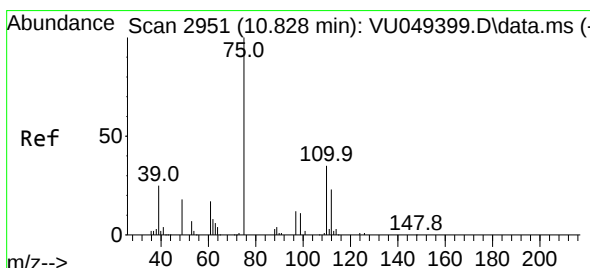
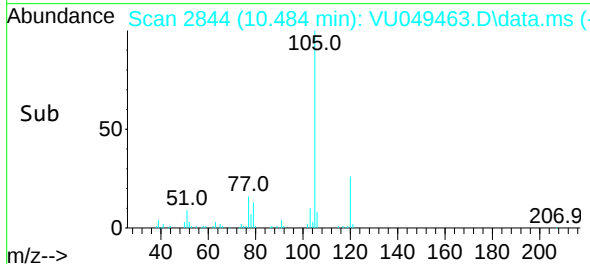
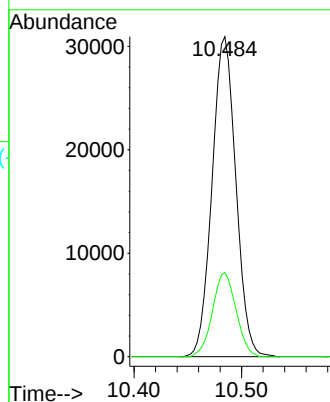
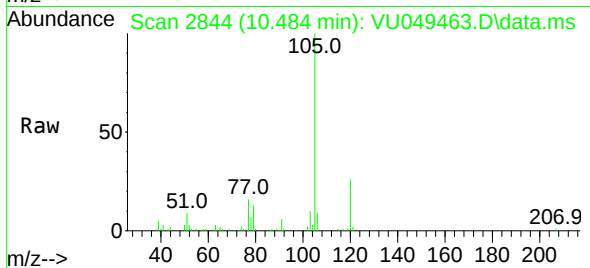
61522B

Tgt Ion:105 Resp: 47530

Ion Ratio Lower Upper

105 100

120 26.0 13.8 41.4



#76

1,2,3-Trichloropropane

Concen: 0.707 ug/l

RT: 10.996 min Scan# 3003

Delta R.T. 0.167 min

Lab File: VU049463.D

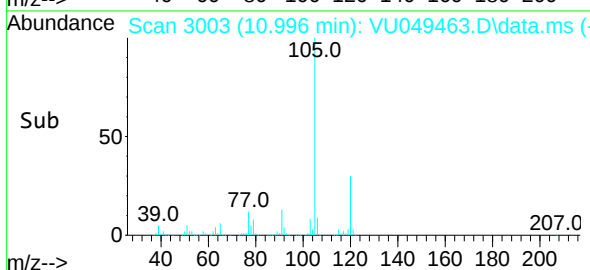
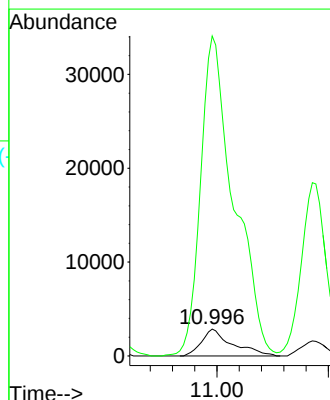
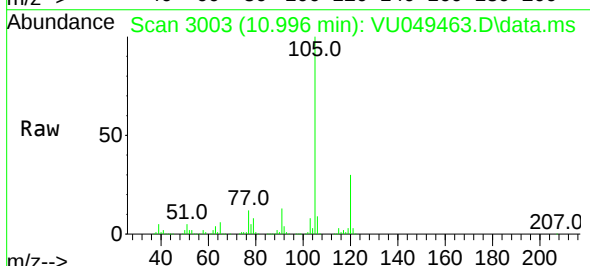
Acq: 28 Jun 2022 17:08

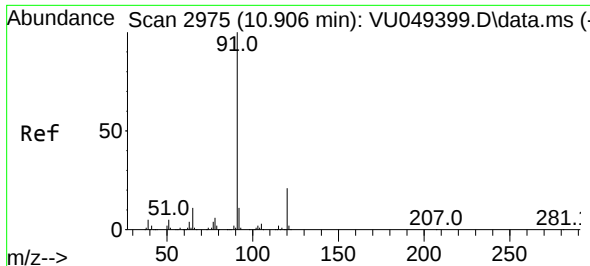
Tgt Ion: 75 Resp: 5489

Ion Ratio Lower Upper

75 100

77 1292.5 15.8 47.3#

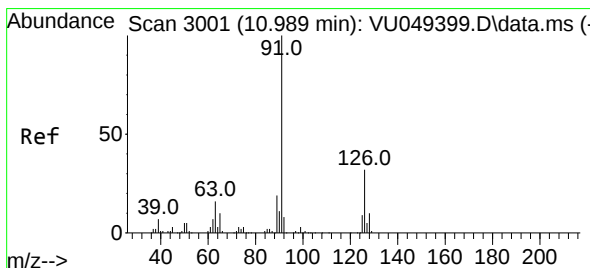
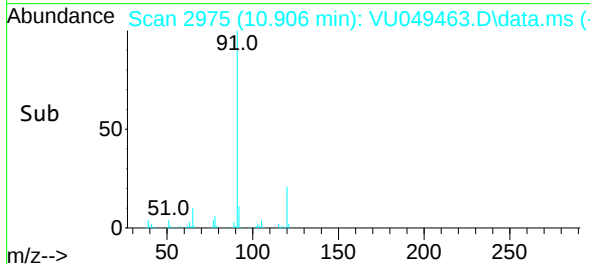
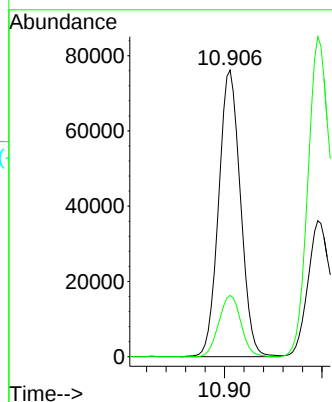
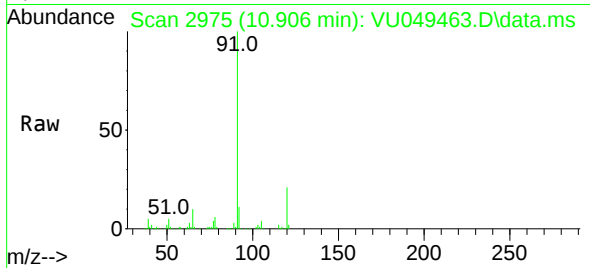




#78
n-propylbenzene
Concen: 5.972 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

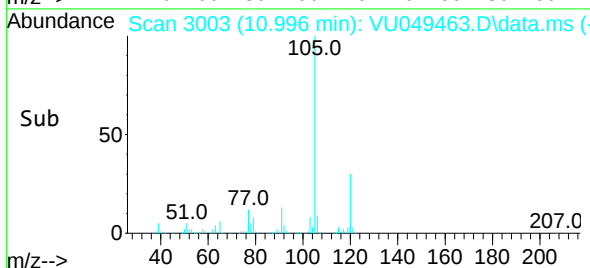
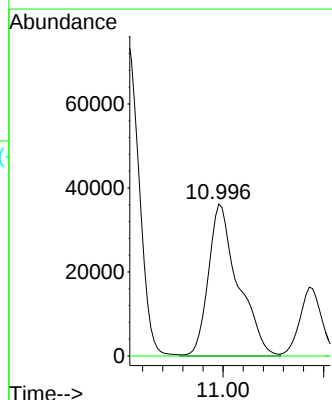
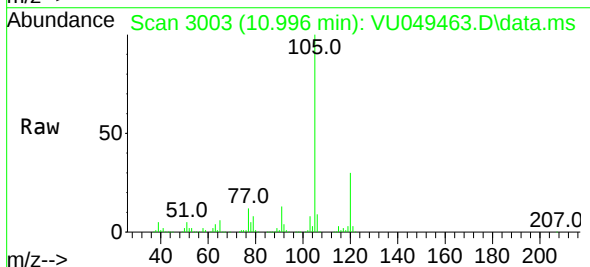
Instrument :
MSVOA_U
ClientSampleId :
61522B

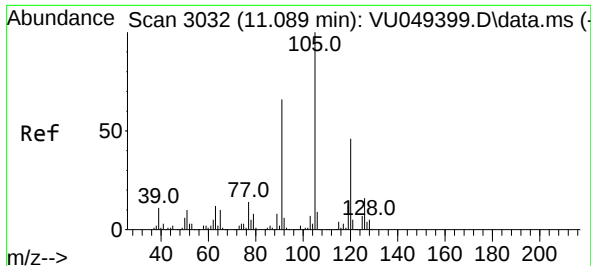
Tgt Ion: 91 Resp: 118395
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.5



#79
2-Chlorotoluene
Concen: 6.066 ug/l
RT: 10.996 min Scan# 3003
Delta R.T. 0.007 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

Tgt Ion: 91 Resp: 74087
Ion Ratio Lower Upper
91 100
126 0.0 18.4 55.0#

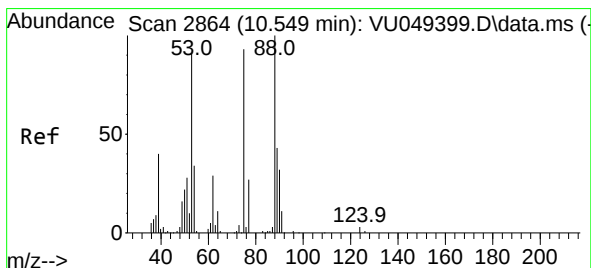
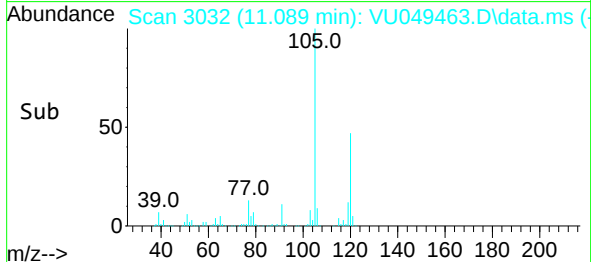
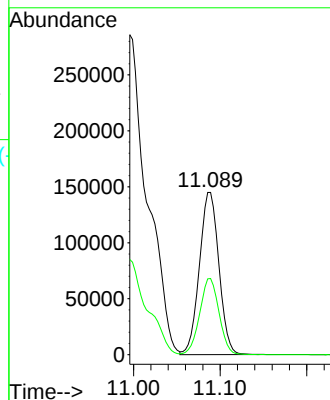
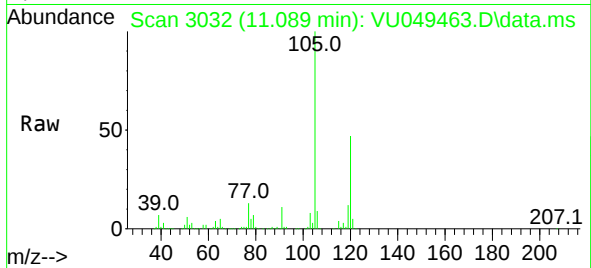




#80
1,3,5-Trimethylbenzene
Concen: 15.916 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

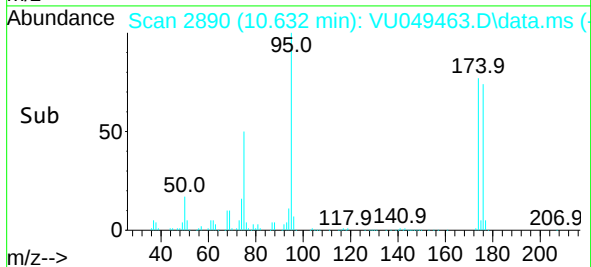
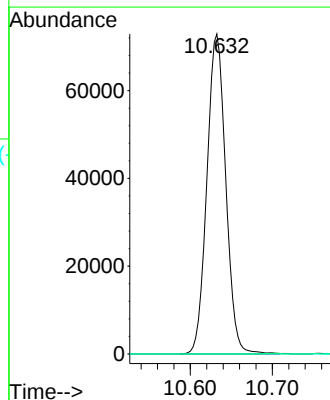
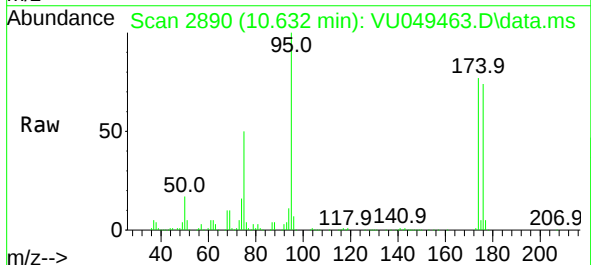
Instrument :
MSVOA_U
ClientSampleId :
61522B

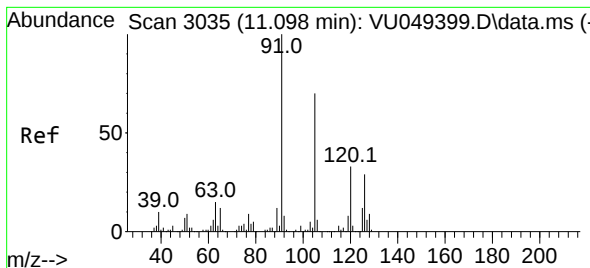
Tgt Ion:105 Resp: 226693
Ion Ratio Lower Upper
105 100
120 46.6 25.3 75.9



#81
trans-1,4-Dichloro-2-butene
Concen: 55.378 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

Tgt Ion: 75 Resp: 116422
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#





#82

4-Chlorotoluene

Concen: 1.815 ug/l

RT: 11.086 min Scan# 3035

Delta R.T. -0.013 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

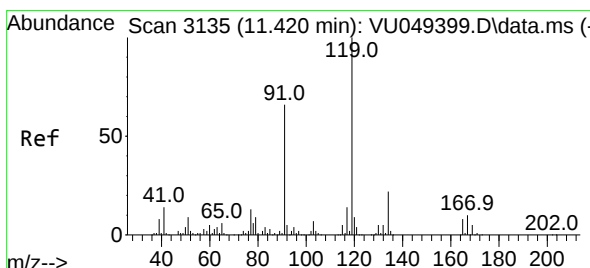
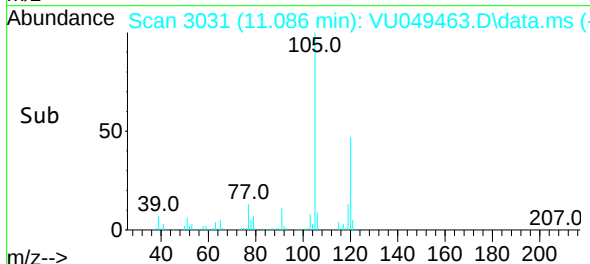
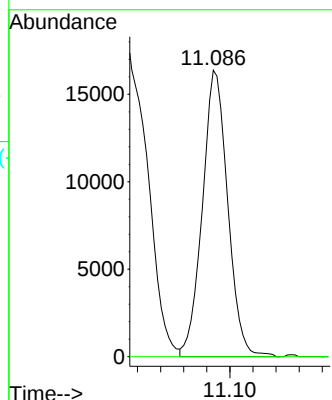
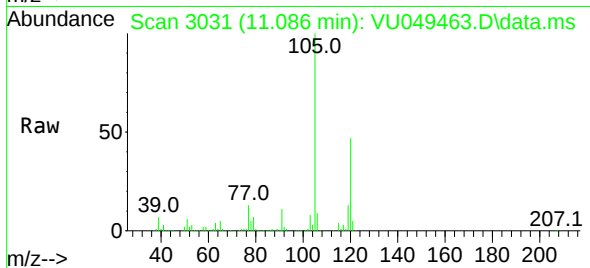
61522B

Tgt Ion: 91 Resp: 24936

Ion Ratio Lower Upper

91 100

126 0.0 16.1 48.2#



#83

tert-Butylbenzene

Concen: 6.441 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.048 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

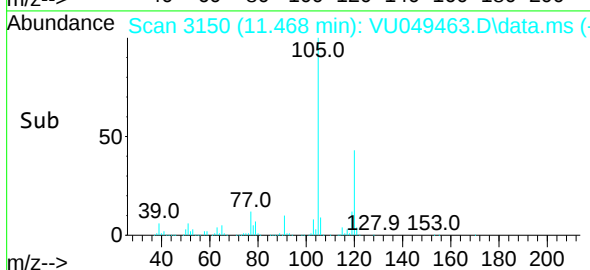
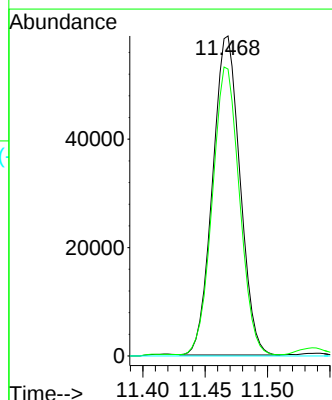
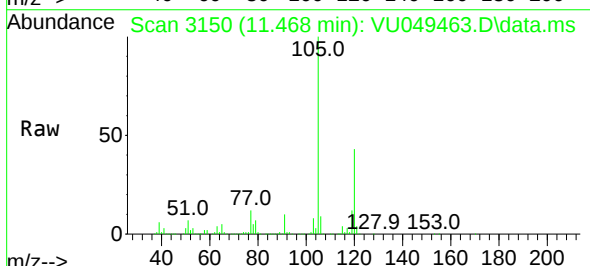
Tgt Ion: 119 Resp: 90237

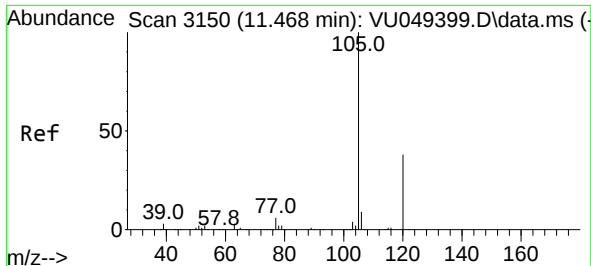
Ion Ratio Lower Upper

119 100

91 89.1 26.8 80.3#

134 0.0 11.5 34.5#

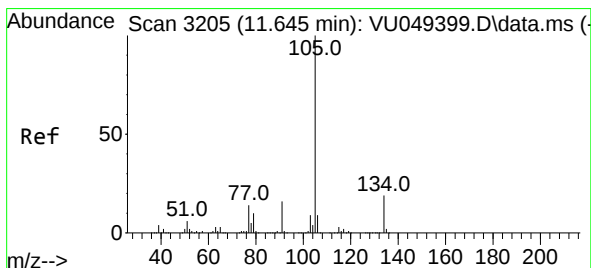
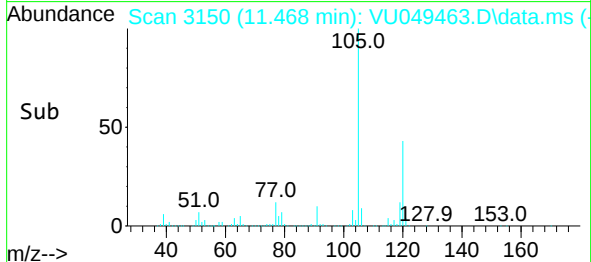
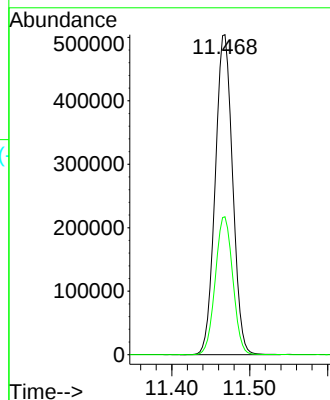
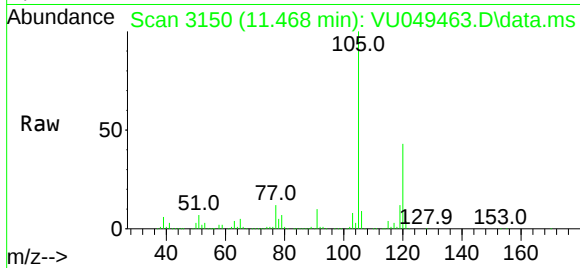




#84
1,2,4-Trimethylbenzene
Concen: 55.945 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

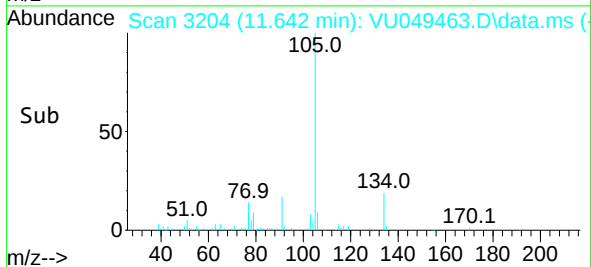
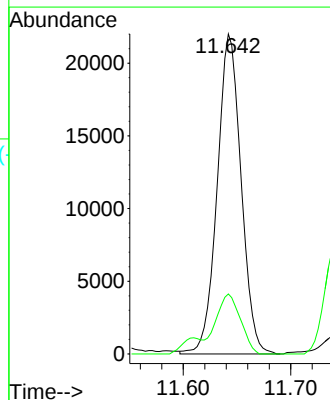
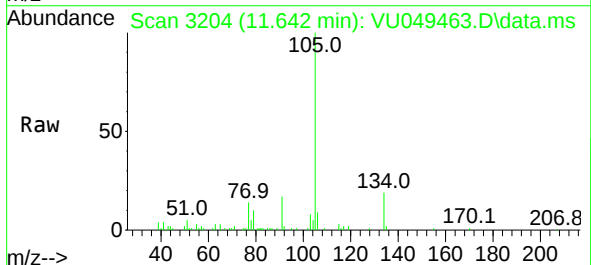
Instrument :
MSVOA_U
ClientSampleId :
61522B

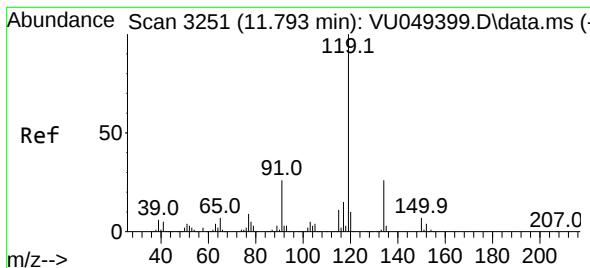
Tgt Ion:105 Resp: 782794
Ion Ratio Lower Upper
105 100
120 43.3 23.4 70.3



#85
sec-Butylbenzene
Concen: 1.928 ug/l
RT: 11.642 min Scan# 3204
Delta R.T. -0.003 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

Tgt Ion:105 Resp: 33958
Ion Ratio Lower Upper
105 100
134 19.1 10.4 31.1





#86

p-Isopropyltoluene

Concen: 1.392 ug/l

RT: 11.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

61522B

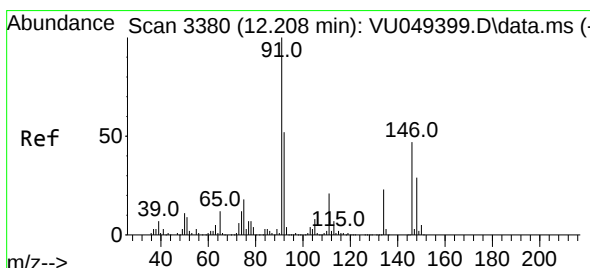
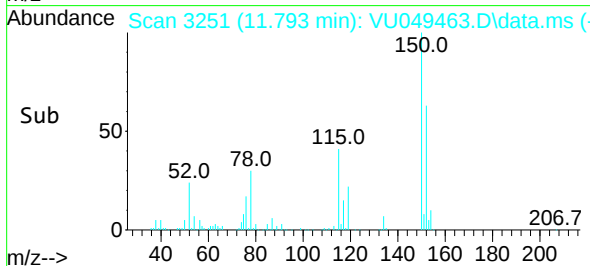
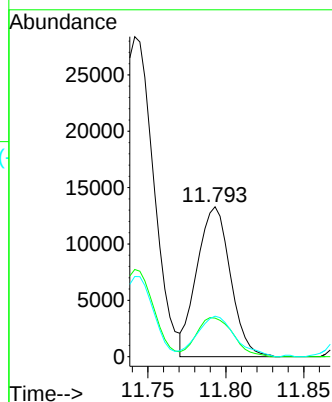
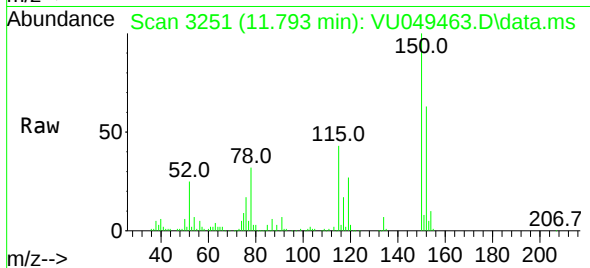
Tgt Ion:119 Resp: 19834

Ion Ratio Lower Upper

119 100

134 28.5 13.5 40.4

91 30.6 11.2 33.5



#89

n-Butylbenzene

Concen: 4.342 ug/l

RT: 12.201 min Scan# 3378

Delta R.T. -0.006 min

Lab File: VU049463.D

Acq: 28 Jun 2022 17:08

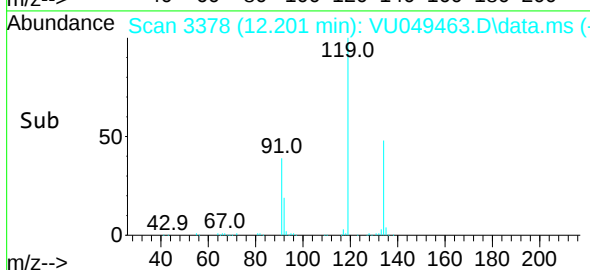
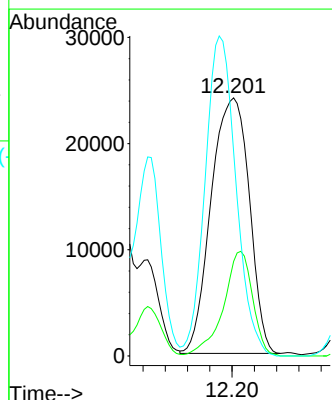
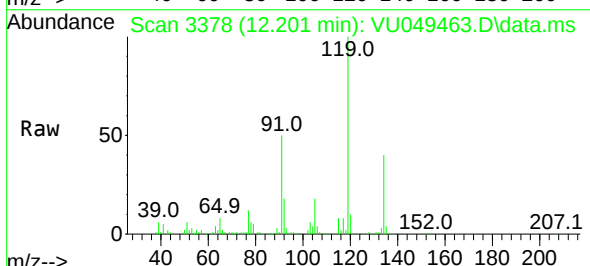
Tgt Ion: 91 Resp: 57245

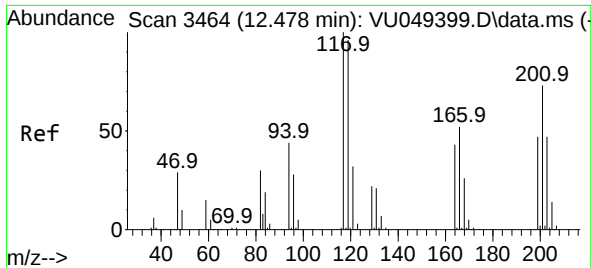
Ion Ratio Lower Upper

91 100

92 31.4 26.2 78.6

134 101.3 13.5 40.4#

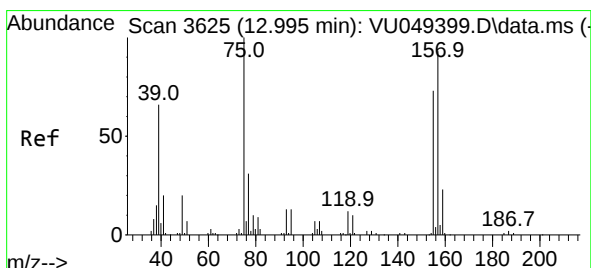
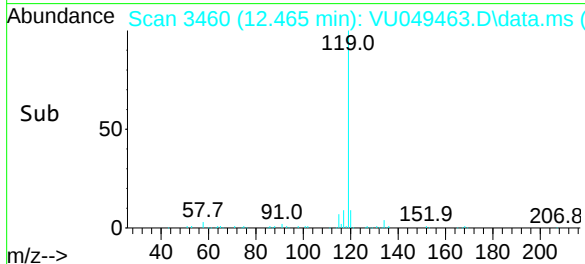
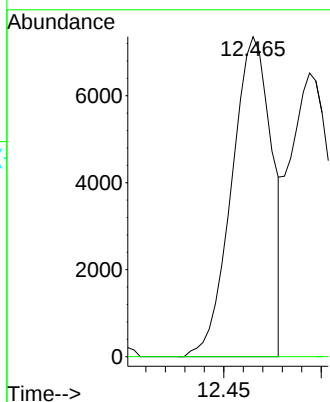
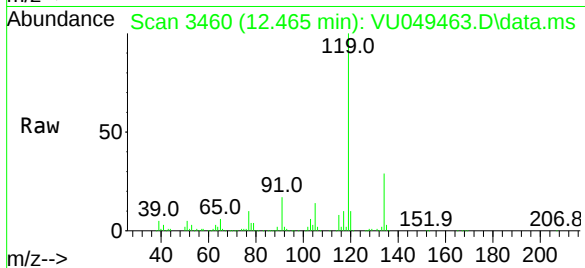




#90
Hexachloroethane
Concen: 3.703 ug/l
RT: 12.465 min Scan# 3465
Delta R.T. -0.013 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

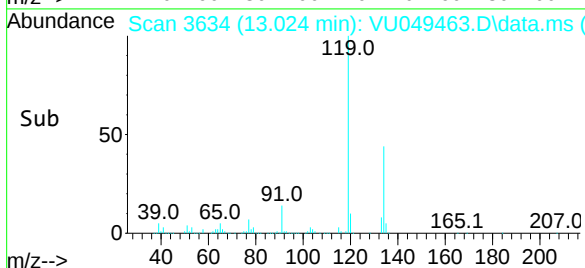
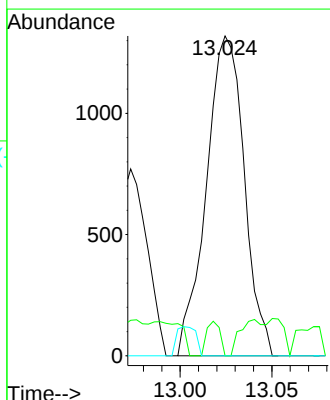
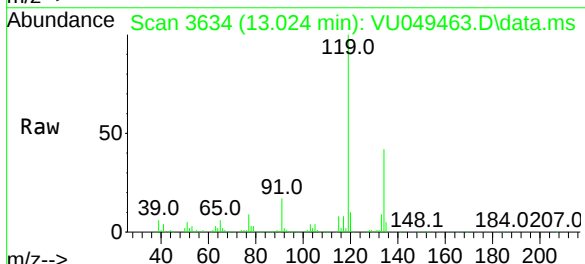
Instrument :
MSVOA_U
ClientSampleId :
61522B

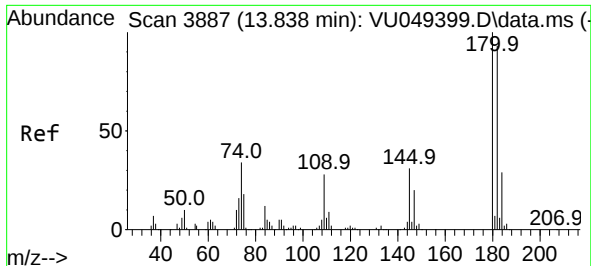
Tgt Ion:117 Resp: 10505
Ion Ratio Lower Upper
117 100
201 0.0 44.6 134.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.069 ug/l
RT: 13.024 min Scan# 3634
Delta R.T. 0.029 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

Tgt Ion: 75 Resp: 1895
Ion Ratio Lower Upper
75 100
155 3.8 47.8 143.4#
157 0.0 62.2 186.5#

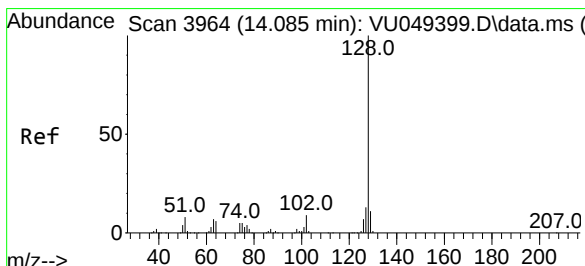
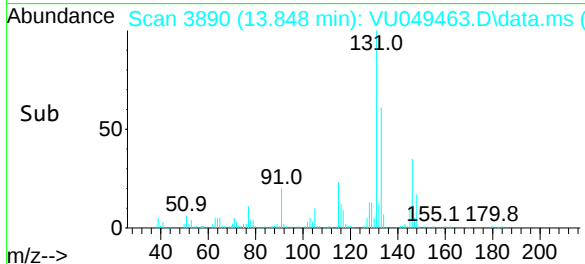
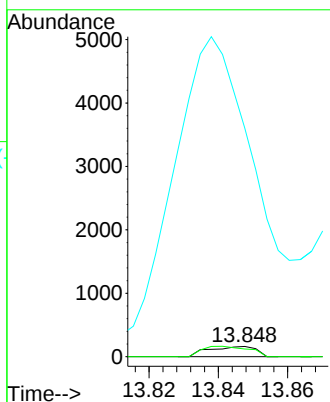
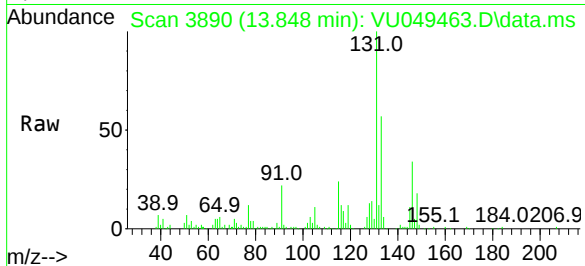




#93
1,2,4-Trichlorobenzene
Concen: 1.782 ug/l
RT: 13.848 min Scan# 3887
Delta R.T. 0.010 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

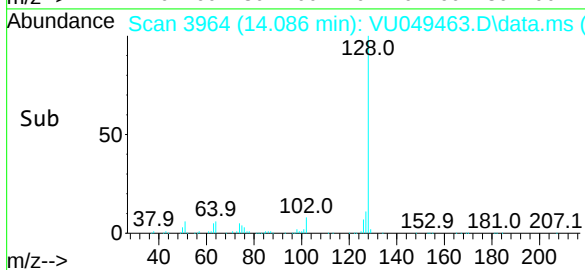
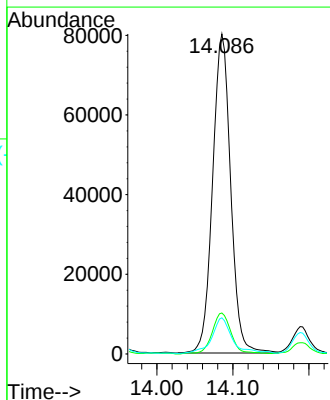
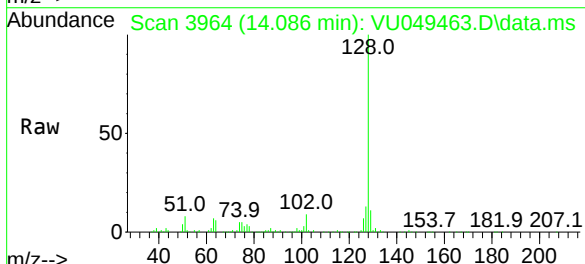
Instrument :
MSVOA_U
ClientSampleId :
61522B

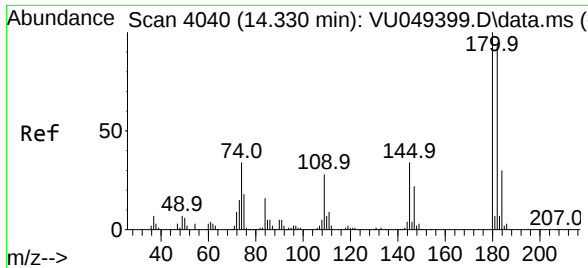
Tgt Ion:180 Resp: 152
Ion Ratio Lower Upper
180 100
182 102.6 47.9 143.6
145 4852.0 14.0 41.9#



#95
Naphthalene
Concen: 8.842 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049463.D
Acq: 28 Jun 2022 17:08

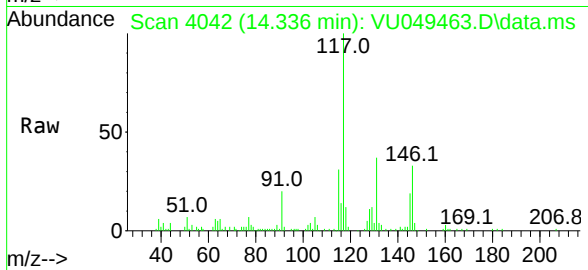
Tgt Ion:128 Resp: 131999
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 12.6 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.191 ug/l
 RT: 14.336 min Scan# 40
 Delta R.T. 0.007 min
 Lab File: VU049463.D
 Acq: 28 Jun 2022 17:08

Instrument :
 MSVOA_U
 ClientSampleId :
 61522B



Tgt Ion:180 Resp: 77
 Ion Ratio Lower Upper
 180 100
 182 171.4 48.4 145.0#
 145 14403.9 14.8 44.4#

