

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049410.D
 Acq On : 27 Jun 2022 17:54
 Operator : SY/MD
 Sample : N3431-05
 Misc : 4.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-2-GR

Quant Time: Jun 27 19:07:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 14:37:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.366	168	259590	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	449925	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	406304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	193483	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.700	65	176596	44.173	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.340%
35) Dibromofluoromethane	5.289	113	138194	43.902	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.800%
50) Toluene-d8	7.896	98	559011	49.790	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.580%
62) 4-Bromofluorobenzene	10.642	95	236312	54.946	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.900%

Target Compounds

						Qvalue
3) Chloromethane	1.514	50	3360	Below Cal		95
5) Bromomethane	1.861	94	432	0.331	ug/l #	56
6) Chloroethane	1.948	64	52	1.941	ug/l #	49
10) Methyl Iodide	2.684	142	258	7.590	ug/l #	43
11) Tert butyl alcohol	3.176	59	21958	23.466	ug/l #	37
13) Acrolein	2.543	56	4226	6.669	ug/l	85
14) Allyl chloride	2.999	41	19419	3.408	ug/l #	58
15) Acrylonitrile	3.318	53	9164	4.072	ug/l #	40
16) Acetone	2.655	43	18411	9.132	ug/l	96
17) Carbon Disulfide	2.748	76	5056	0.575	ug/l	100
18) Methyl Acetate	2.999	43	71000	13.009	ug/l #	47
20) Methylene Chloride	3.025	84	6601	1.243	ug/l #	69
25) 2-Butanone	4.732	43	31652	10.476	ug/l	100
29) Tetrahydrofuran	5.108	42	501	0.242	ug/l #	1
30) Chloroform	5.108	83	1525	0.247	ug/l #	1
31) Cyclohexane	5.372	56	196867	32.795	ug/l	91
36) 1,1-Dichloropropene	5.366	75	21985	4.817	ug/l #	57
37) Ethyl Acetate	4.732	43	31116	4.989	ug/l #	71
38) Carbon Tetrachloride	5.362	117	27324	5.708	ug/l #	16
39) Methylcyclohexane	6.755	83	414889	75.836	ug/l	90
40) Benzene	5.764	78	114321	8.296	ug/l	100
42) 1,2-Dichloroethane	5.768	62	1463	0.285	ug/l #	74
43) Isopropyl Acetate	5.977	43	18522	2.027	ug/l #	61
45) 1,2-Dichloropropane	6.751	63	4731	1.239	ug/l #	1
47) Bromodichloromethane	7.067	83	12456	2.542	ug/l #	91
48) Methyl methacrylate	6.973	41	17925	4.185	ug/l #	55
51) 4-Methyl-2-Pentanone	7.751	43	5511	0.901	ug/l #	32
52) Toluene	7.970	92	94386	11.524	ug/l	97
55) 1,1,2-Trichloroethane	8.366	97	163149	48.178	ug/l #	18
56) Ethyl methacrylate	8.366	69	40708	7.187	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.456	63	354	13.411	ug/l #	46
59) 2-Hexanone	8.632	43	308253	64.090	ug/l #	25
67) Ethyl Benzene	9.575	91	54355	3.564	ug/l	96
68) m/p-Xylenes	9.697	106	97122	17.213	ug/l	84
69) o-Xylene	10.105	106	34446	6.150	ug/l	88
70) Styrene	10.105	104	2260	0.251	ug/l #	1

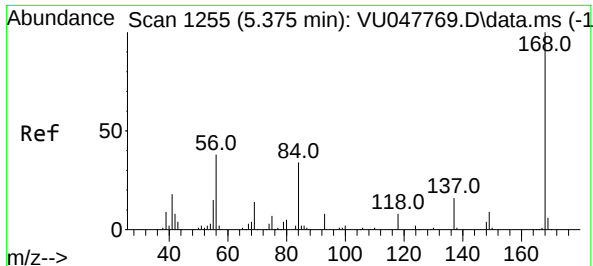
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049410.D
 Acq On : 27 Jun 2022 17:54
 Operator : SY/MD
 Sample : N3431-05
 Misc : 4.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-2-GR

Quant Time: Jun 27 19:07:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 14:37:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Isopropylbenzene	10.488	105	343786	24.943	ug/l	96
74) N-amyl acetate	10.314	43	59754	8.191	ug/l #	34
75) 1,1,2,2-Tetrachloroethane	10.809	83	227565	38.977	ug/l #	25
76) 1,2,3-Trichloropropane	10.642	75	102078	15.563	ug/l #	43
78) n-propylbenzene	10.909	91	68874	4.112	ug/l	92
79) 2-Chlorotoluene	11.015	91	18182	1.762	ug/l	82
80) 1,3,5-Trimethylbenzene	11.092	105	50658	4.210	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.488	75	4644	2.615	ug/l #	1
82) 4-Chlorotoluene	11.092	91	3556	0.306	ug/l	83
83) tert-Butylbenzene	11.423	119	55514	4.691	ug/l	76
84) 1,2,4-Trimethylbenzene	11.472	105	309592	26.190	ug/l	94
85) sec-Butylbenzene	11.648	105	545326	36.648	ug/l	96
86) p-Isopropyltoluene	12.012	119	157152	13.060	ug/l	90
88) 1,4-Dichlorobenzene	11.841	146	1895	0.293	ug/l #	1
89) n-Butylbenzene	12.211	91	304484	27.334	ug/l	89
90) Hexachloroethane	12.468	117	12110	5.053	ug/l #	6
91) 1,2-Dichlorobenzene	12.217	146	17060	2.640	ug/l #	45
92) 1,2-Dibromo-3-Chloropr...	12.976	75	8001	5.344	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.889	180	577	1.882	ug/l #	12
95) Naphthalene	14.089	128	89976	7.470	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.352	180	11098	3.608	ug/l #	1

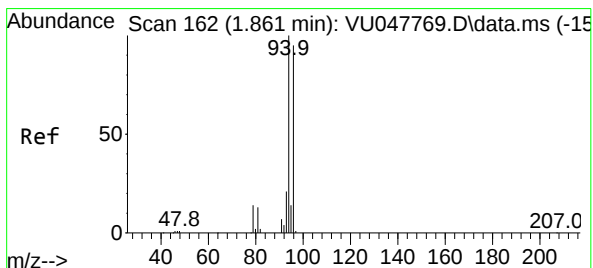
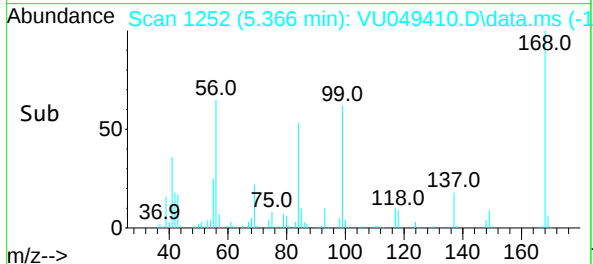
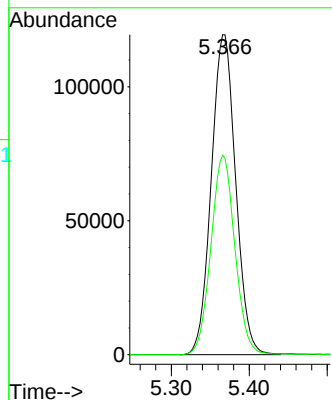
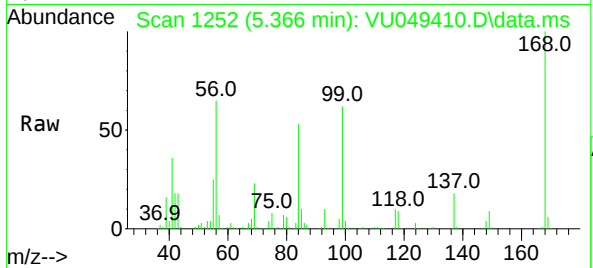
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.009 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

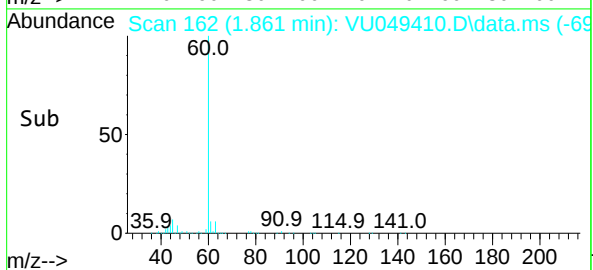
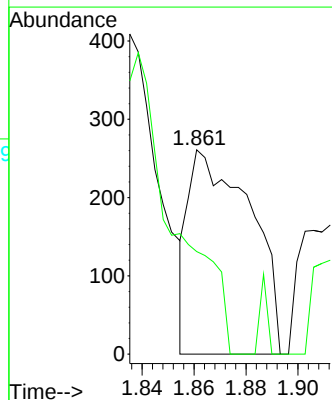
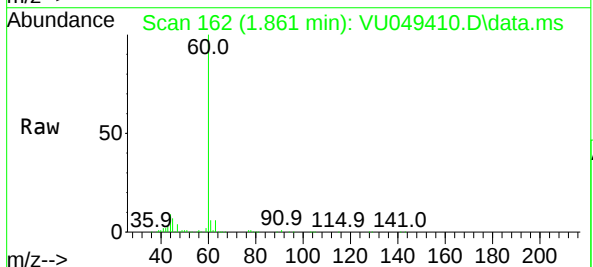
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-2-GR

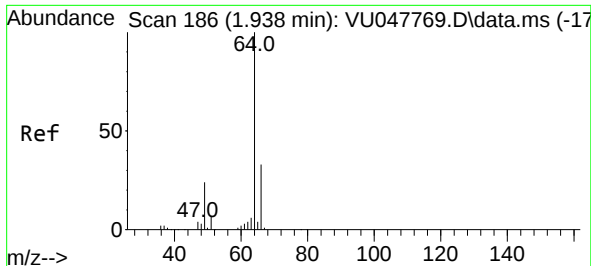
Tgt Ion:168 Resp: 259590
Ion Ratio Lower Upper
168 100
99 62.4 39.3 58.9#



#5
Bromomethane
Concen: 0.331 ug/l
RT: 1.861 min Scan# 162
Delta R.T. -0.000 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

Tgt Ion: 94 Resp: 432
Ion Ratio Lower Upper
94 100
96 50.2 73.7 110.5#

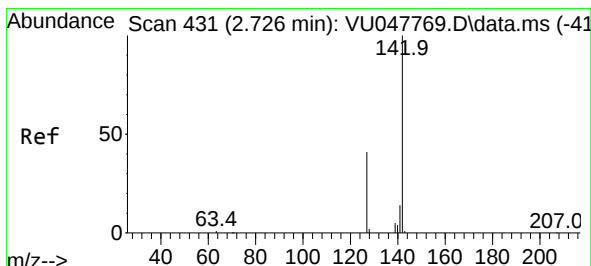
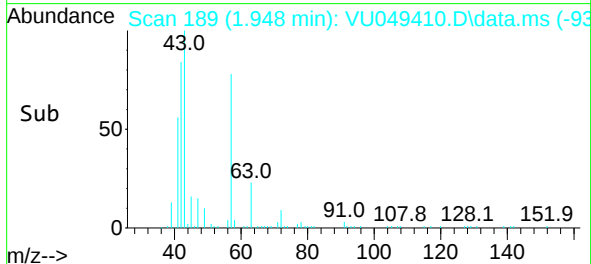
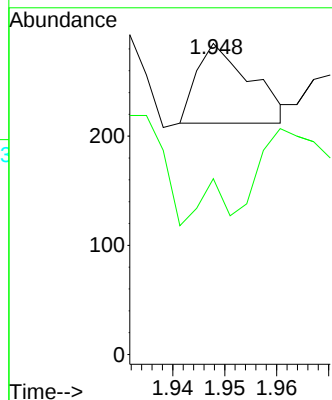
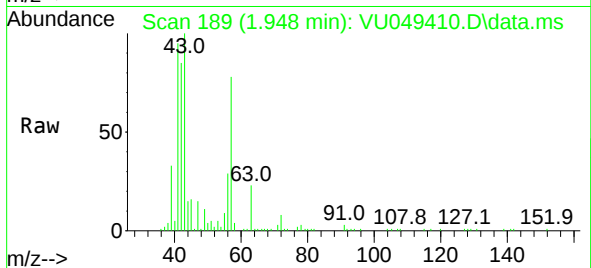




#6
Chloroethane
Concen: 1.941 ug/l
RT: 1.948 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

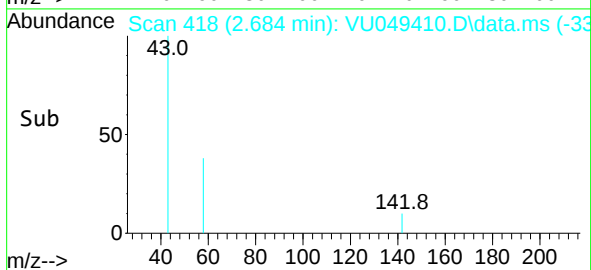
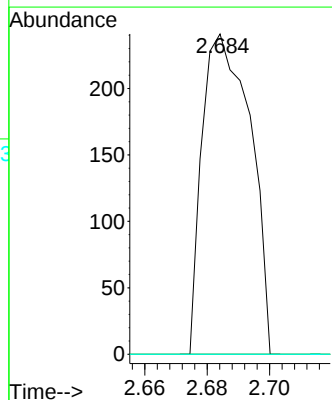
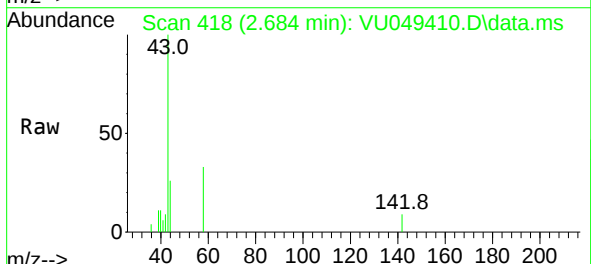
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-2-GR

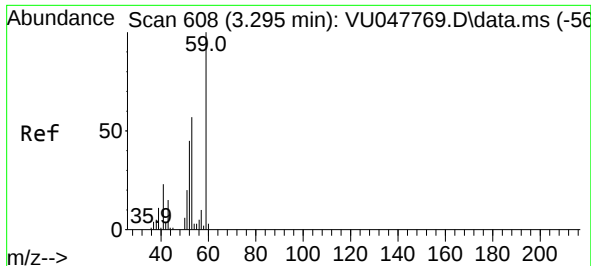
Tgt Ion: 64 Resp: 52
Ion Ratio Lower Upper
64 100
66 58.9 24.7 37.1#



#10
Methyl Iodide
Concen: 7.590 ug/l
RT: 2.684 min Scan# 418
Delta R.T. -0.042 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

Tgt Ion: 142 Resp: 258
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: 23.466 ug/l

RT: 3.176 min Scan# 51

Delta R.T. -0.119 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

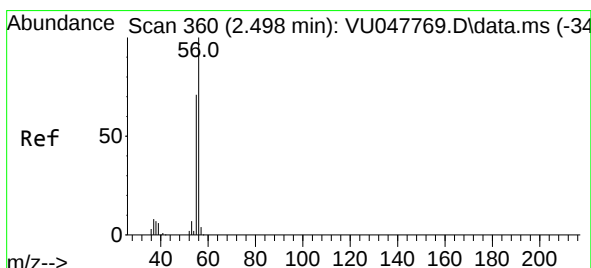
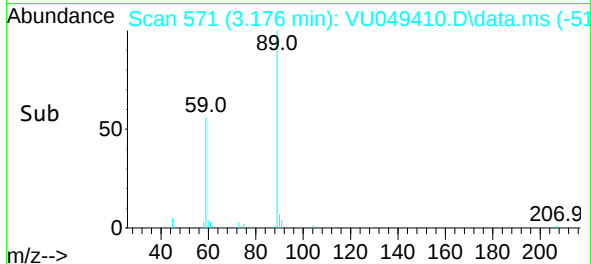
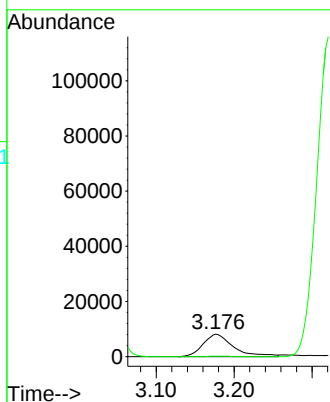
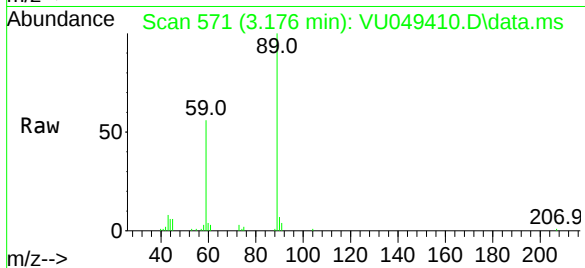
WC-14B-2-2-GR

Tgt Ion: 59 Resp: 21958

Ion Ratio Lower Upper

59 100

57 0.0 30.6 45.8#



#13

Acrolein

Concen: 6.669 ug/l

RT: 2.543 min Scan# 374

Delta R.T. 0.045 min

Lab File: VU049410.D

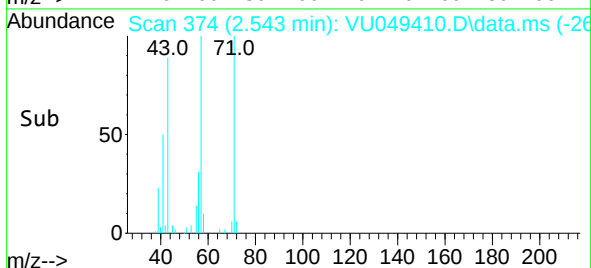
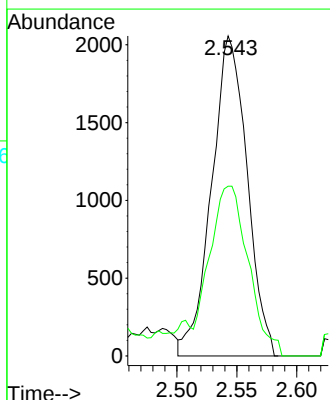
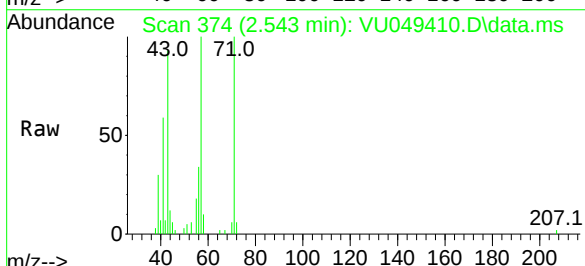
Acq: 27 Jun 2022 17:54

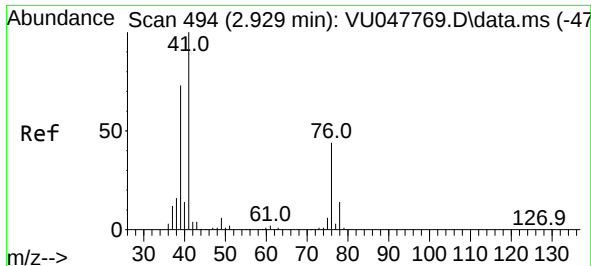
Tgt Ion: 56 Resp: 4226

Ion Ratio Lower Upper

56 100

55 58.2 56.6 85.0

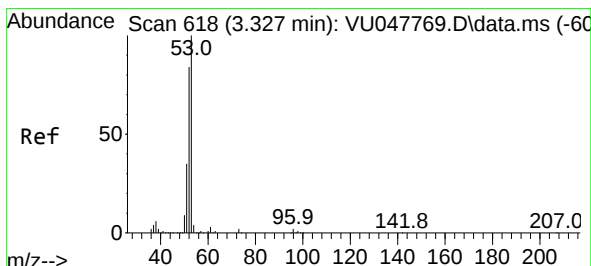
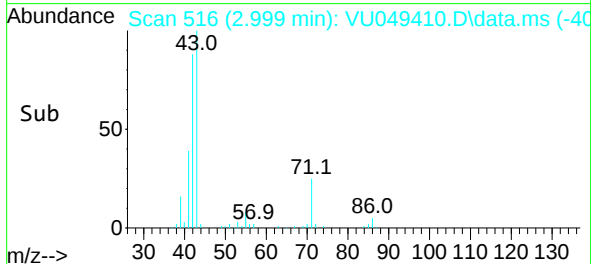
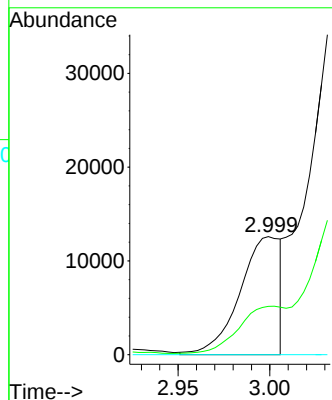
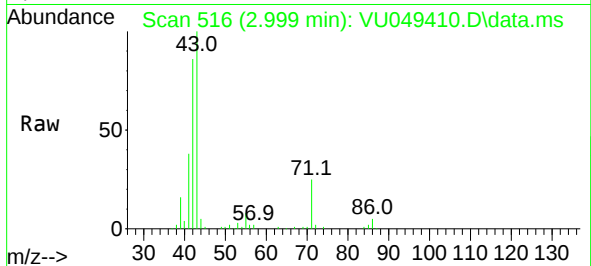




#14
 Allyl chloride
 Concen: 3.408 ug/l
 RT: 2.999 min Scan# 51
 Delta R.T. 0.071 min
 Lab File: VU049410.D
 Acq: 27 Jun 2022 17:54

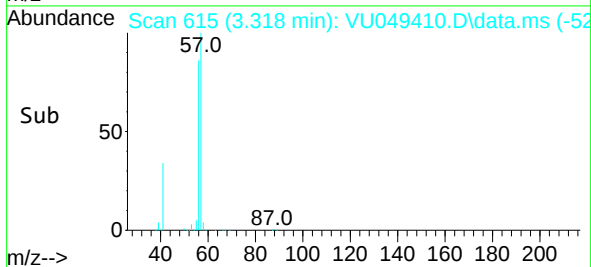
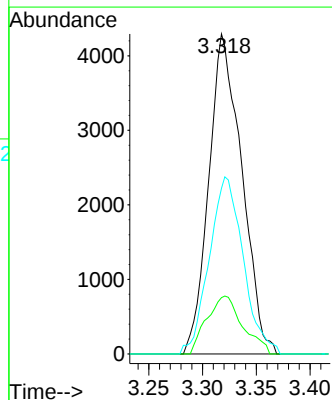
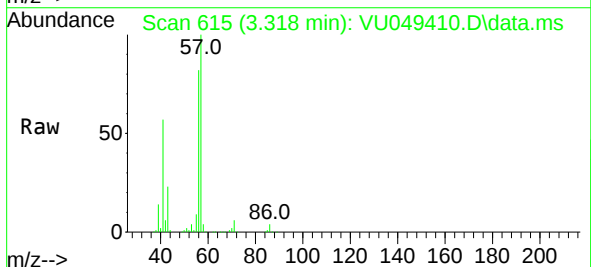
Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-2-GR

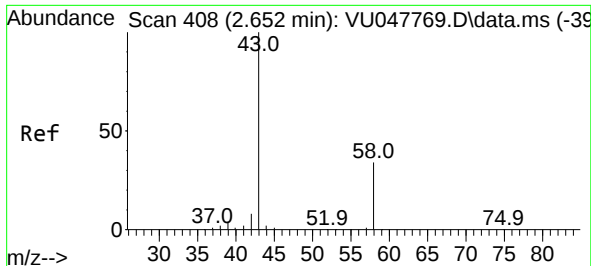
Tgt Ion: 41 Resp: 19419
 Ion Ratio Lower Upper
 41 100
 39 45.8 53.4 80.2#
 76 0.0 33.8 50.6#



#15
 Acrylonitrile
 Concen: 4.072 ug/l
 RT: 3.318 min Scan# 615
 Delta R.T. -0.010 min
 Lab File: VU049410.D
 Acq: 27 Jun 2022 17:54

Tgt Ion: 53 Resp: 9164
 Ion Ratio Lower Upper
 53 100
 52 19.6 65.7 98.5#
 51 57.0 28.2 42.4#





#16

Acetone

Concen: 9.132 ug/l

RT: 2.655 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

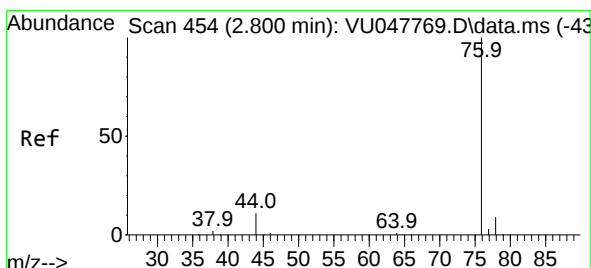
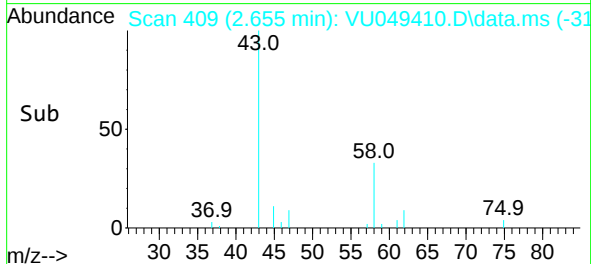
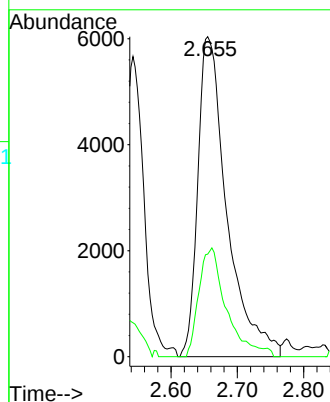
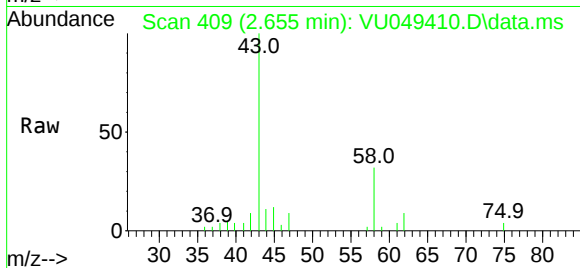
WC-14B-2-2-GR

Tgt Ion: 43 Resp: 18411

Ion Ratio Lower Upper

43 100

58 32.1 27.5 41.3



#17

Carbon Disulfide

Concen: 0.575 ug/l

RT: 2.748 min Scan# 438

Delta R.T. -0.051 min

Lab File: VU049410.D

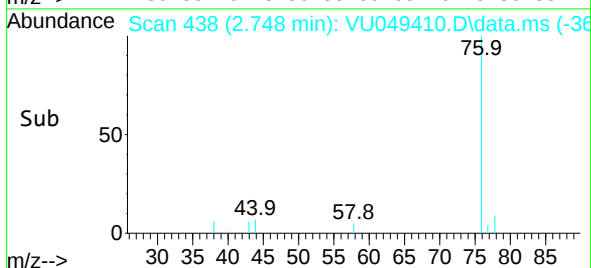
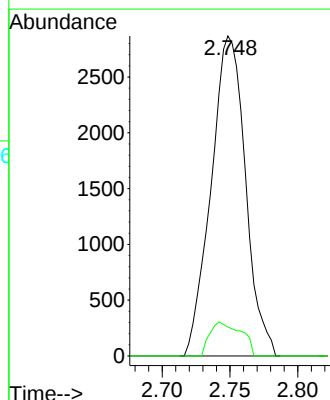
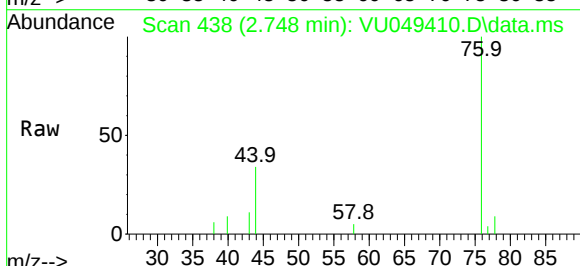
Acq: 27 Jun 2022 17:54

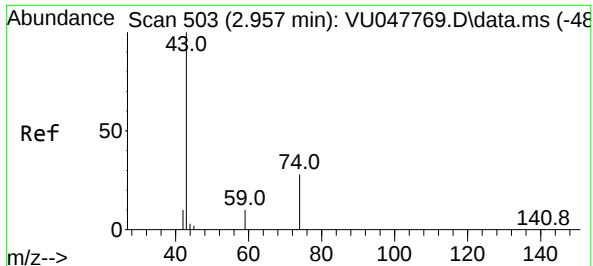
Tgt Ion: 76 Resp: 5056

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

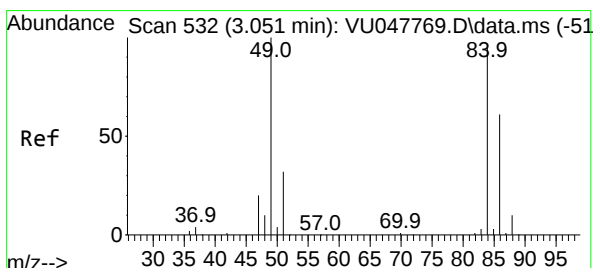
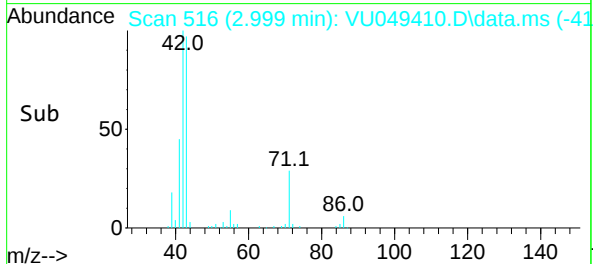
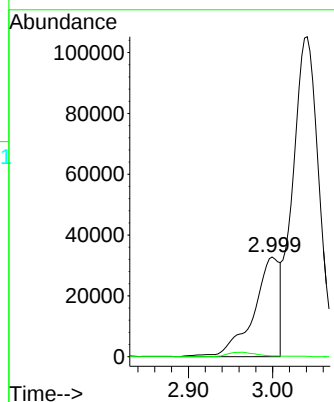
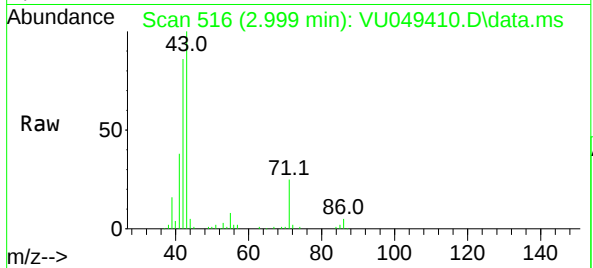




#18
Methyl Acetate
Concen: 13.009 ug/l
RT: 2.999 min Scan# 516
Delta R.T. 0.042 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

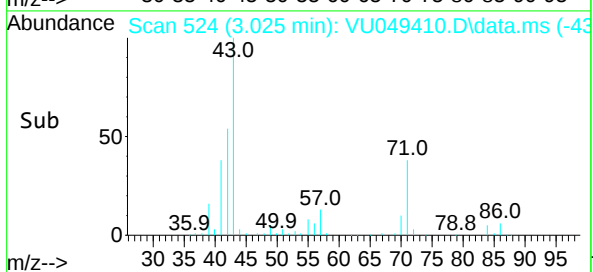
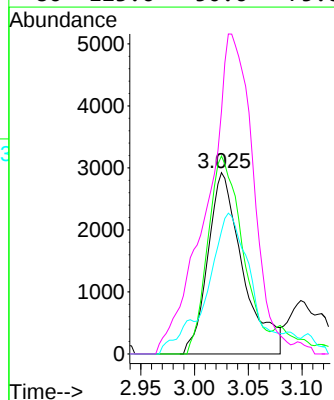
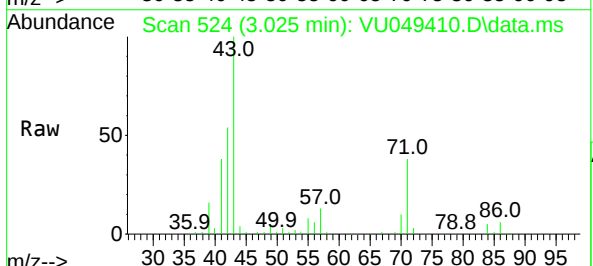
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-2-GR

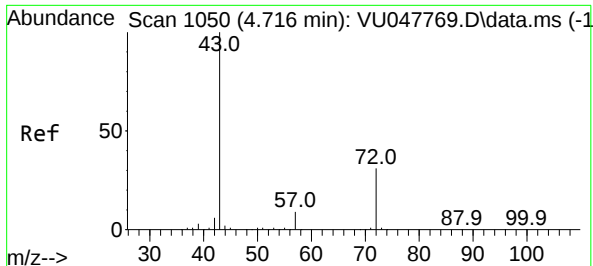
Tgt Ion: 43 Resp: 71000
Ion Ratio Lower Upper
43 100
74 0.0 22.5 33.7#



#20
Methylene Chloride
Concen: 1.243 ug/l
RT: 3.025 min Scan# 524
Delta R.T. -0.026 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

Tgt Ion: 84 Resp: 6601
Ion Ratio Lower Upper
84 100
49 109.1 86.6 129.8
51 57.0 26.6 40.0#
86 123.6 50.6 75.8#





#25

2-Butanone

Concen: 10.476 ug/l

RT: 4.732 min Scan# 1105

Delta R.T. 0.016 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

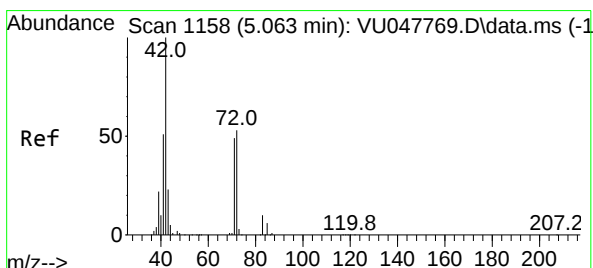
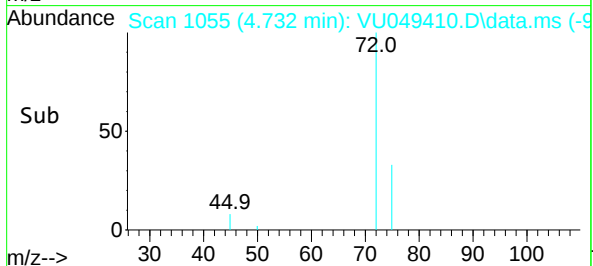
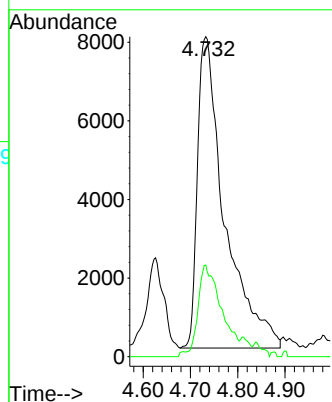
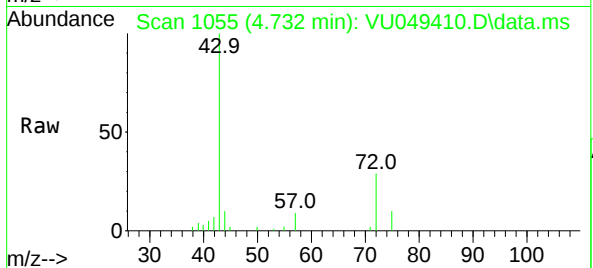
WC-14B-2-2-GR

Tgt Ion: 43 Resp: 31652

Ion Ratio Lower Upper

43 100

72 29.4 23.8 35.6



#29

Tetrahydrofuran

Concen: 0.242 ug/l

RT: 5.108 min Scan# 1172

Delta R.T. 0.045 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

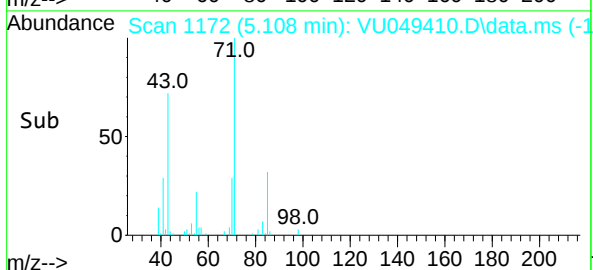
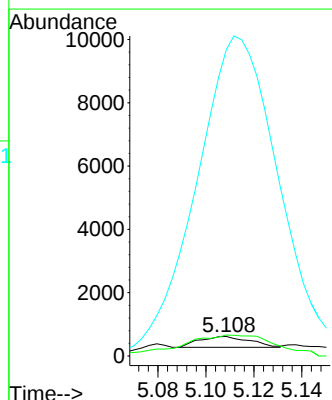
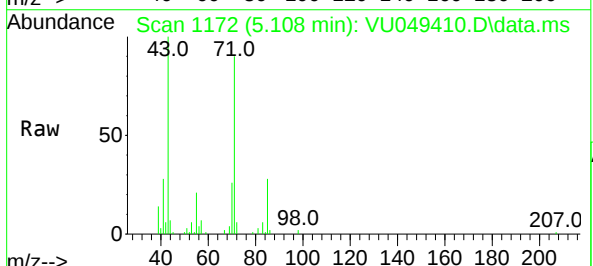
Tgt Ion: 42 Resp: 501

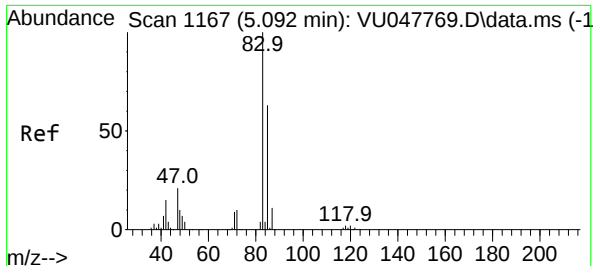
Ion Ratio Lower Upper

42 100

72 358.9 42.6 63.8#

71 4870.5 40.3 60.5#





#30

Chloroform

Concen: 0.247 ug/l

RT: 5.108 min Scan# 11

Delta R.T. 0.016 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

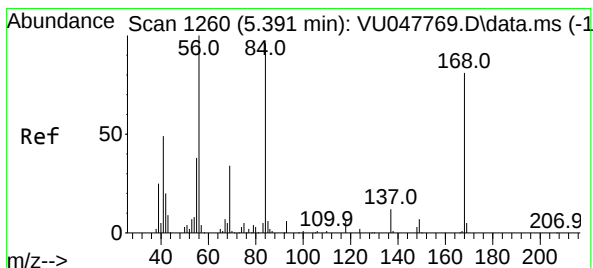
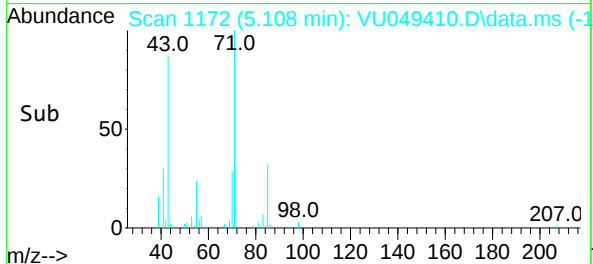
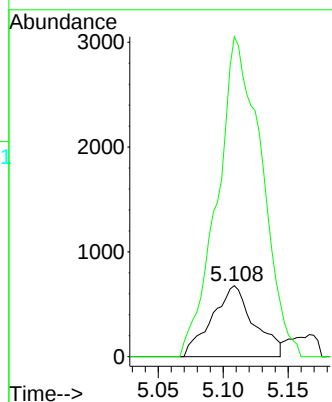
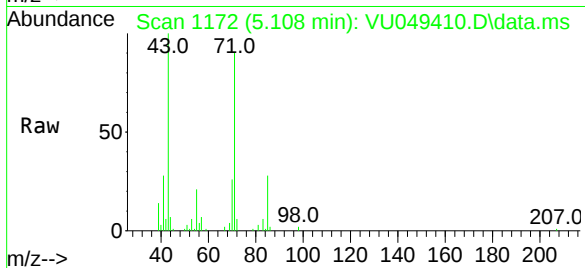
WC-14B-2-2-GR

Tgt Ion: 83 Resp: 1525

Ion Ratio Lower Upper

83 100

85 451.0 51.2 76.8#



#31

Cyclohexane

Concen: 32.795 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.019 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

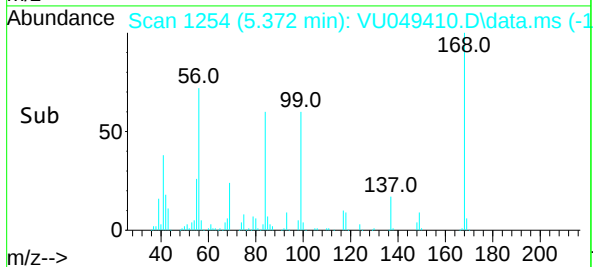
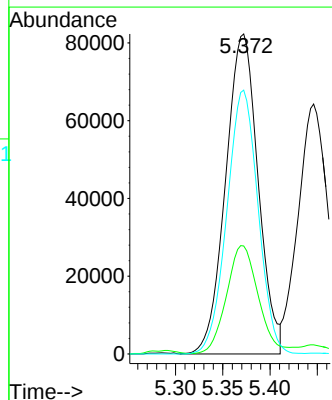
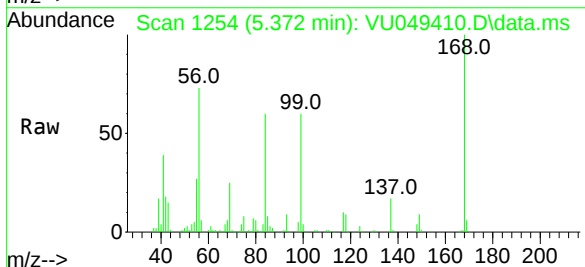
Tgt Ion: 56 Resp: 196867

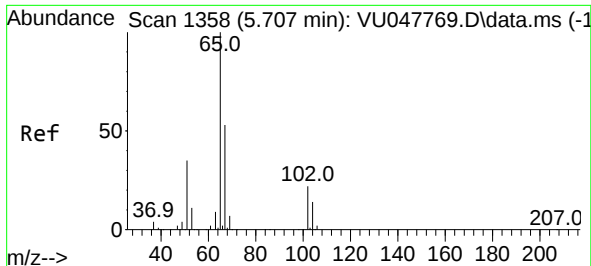
Ion Ratio Lower Upper

56 100

69 33.3 27.8 41.8

84 82.4 74.2 111.4





#33

1,2-Dichloroethane-d4

Concen: 44.173 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

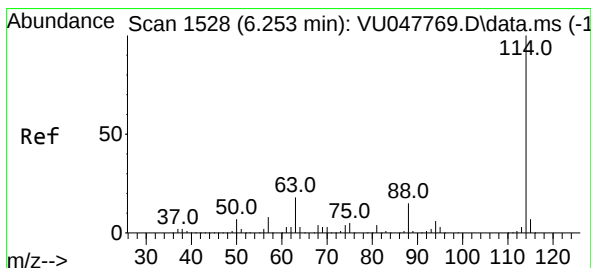
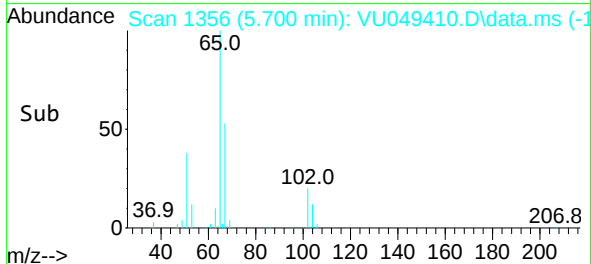
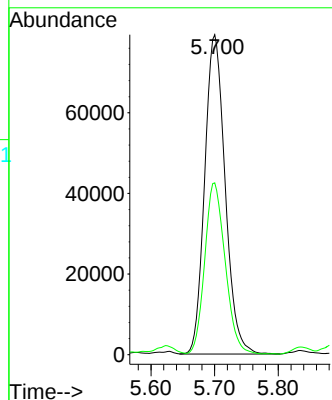
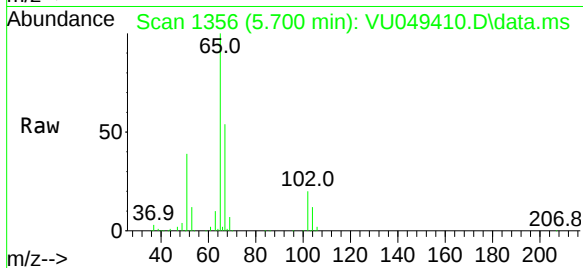
WC-14B-2-2-GR

Tgt Ion: 65 Resp: 176596

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.006 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

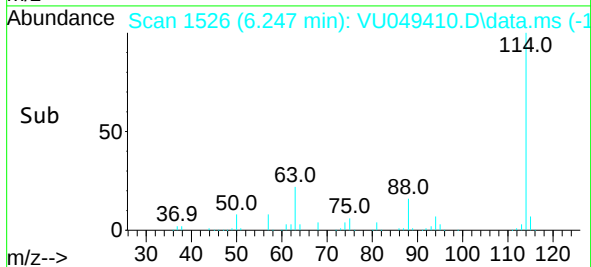
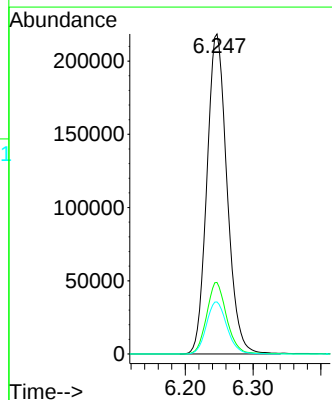
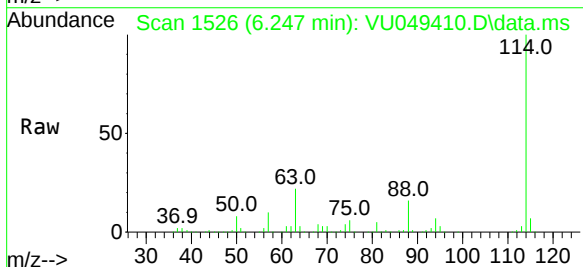
Tgt Ion: 114 Resp: 449925

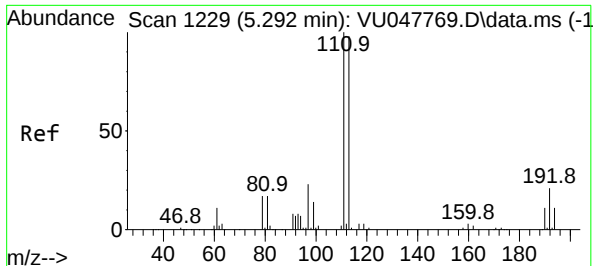
Ion Ratio Lower Upper

114 100

63 22.4 0.0 37.8

88 16.3 0.0 29.2





#35

Dibromofluoromethane

Concen: 43.902 ug/l

RT: 5.289 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-2-2-GR

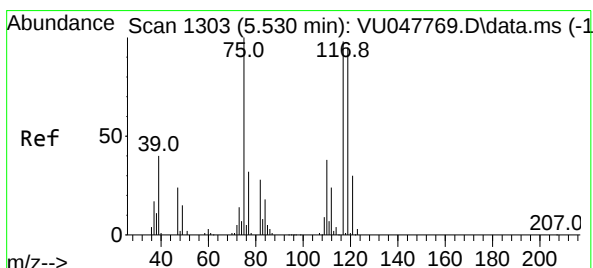
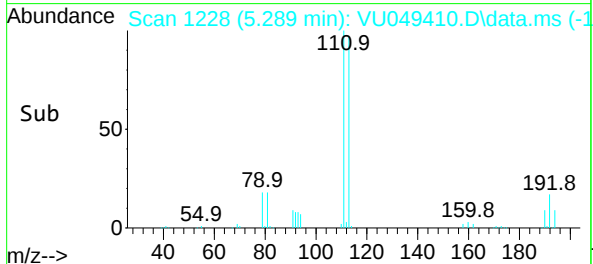
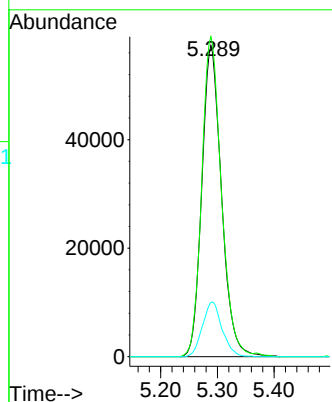
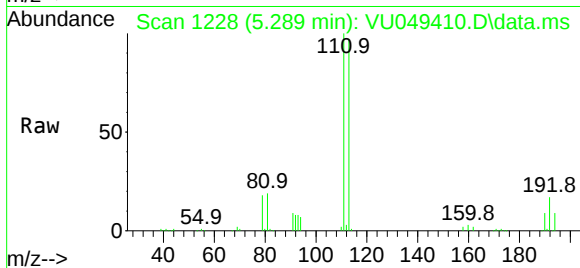
Tgt Ion:113 Resp: 138194

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

192 17.6 18.0 27.0#



#36

1,1-Dichloropropene

Concen: 4.817 ug/l

RT: 5.366 min Scan# 1252

Delta R.T. -0.164 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

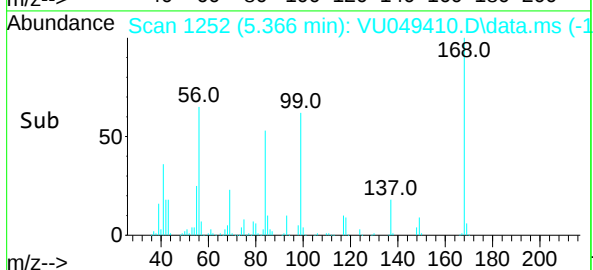
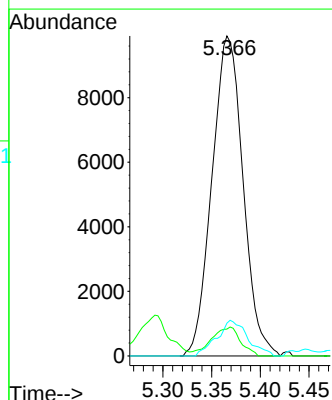
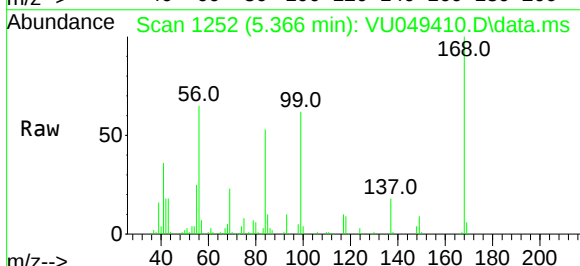
Tgt Ion: 75 Resp: 21985

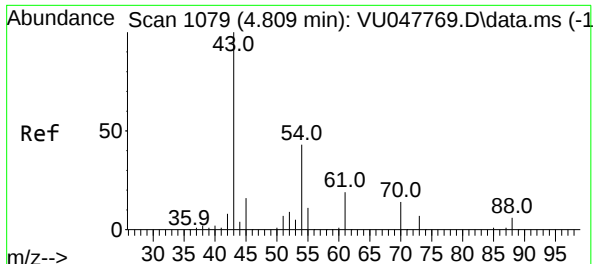
Ion Ratio Lower Upper

75 100

110 8.6 18.4 55.2#

77 11.1 25.1 37.7#

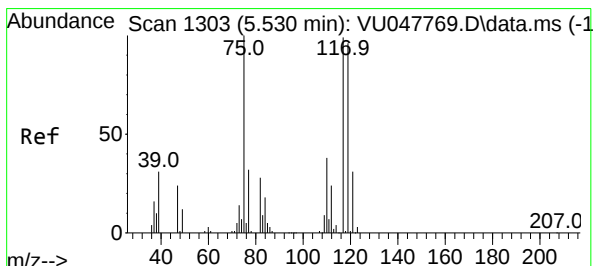
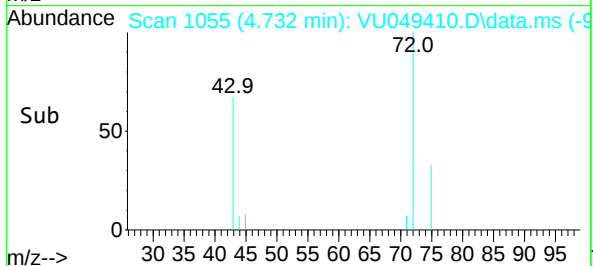
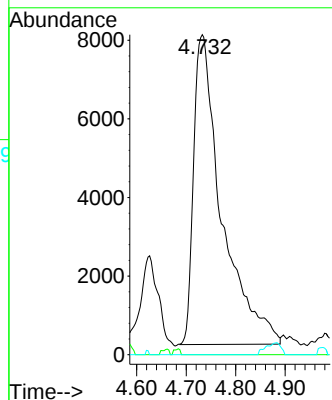
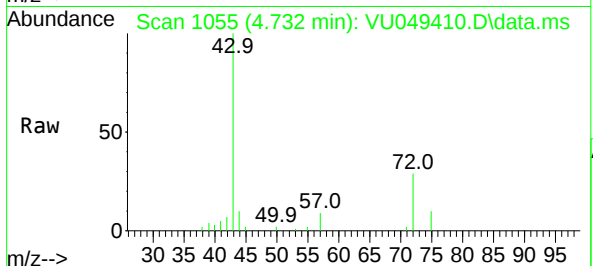




#37
Ethyl Acetate
Concen: 4.989 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. -0.077 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

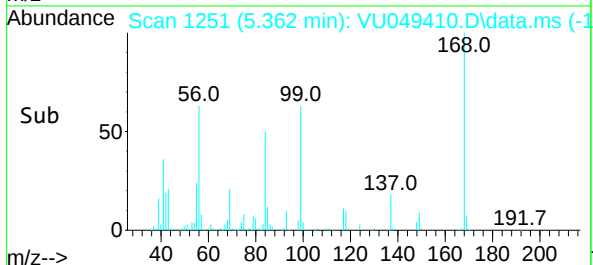
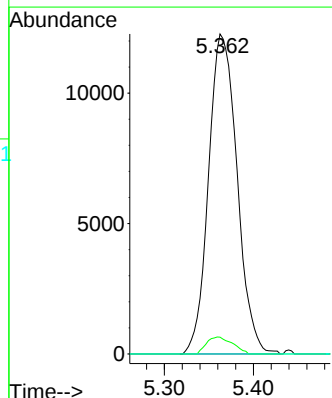
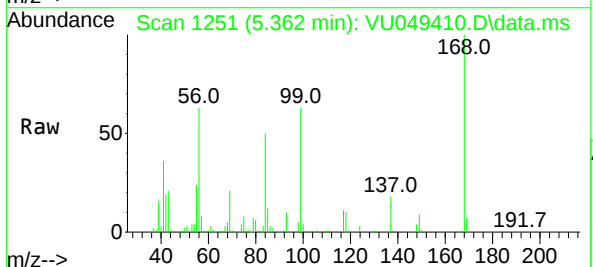
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-2-GR

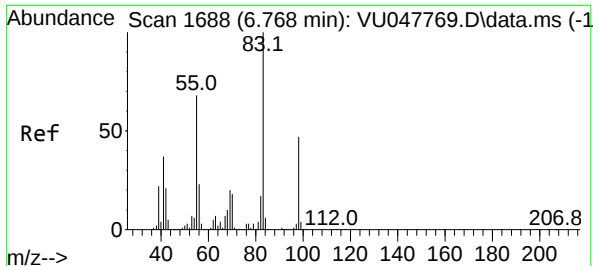
Tgt Ion: 43 Resp: 31116
Ion Ratio Lower Upper
43 100
61 0.0 9.5 14.3#
70 0.0 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 5.708 ug/l
RT: 5.362 min Scan# 1251
Delta R.T. -0.167 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

Tgt Ion: 117 Resp: 27324
Ion Ratio Lower Upper
117 100
119 5.3 76.8 115.2#
121 0.0 24.7 37.1#





#39

Methylcyclohexane

Concen: 75.836 ug/l

RT: 6.755 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-2-2-GR

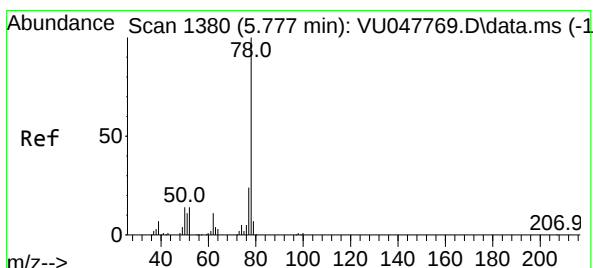
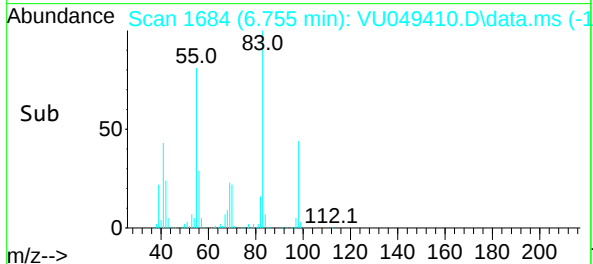
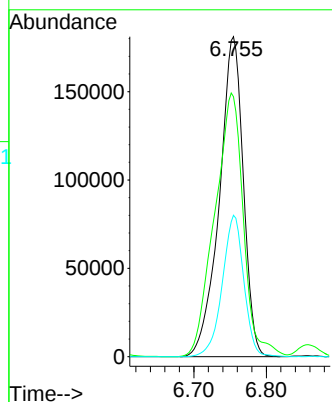
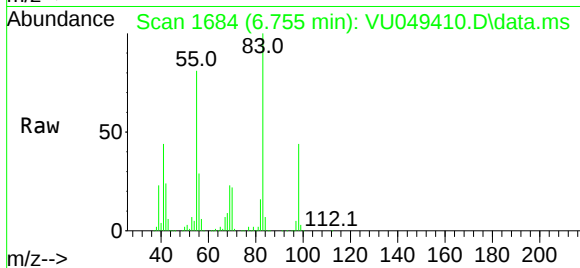
Tgt Ion: 83 Resp: 414889

Ion Ratio Lower Upper

83 100

55 81.1 55.3 82.9

98 44.2 37.3 55.9



#40

Benzene

Concen: 8.296 ug/l

RT: 5.764 min Scan# 1376

Delta R.T. -0.013 min

Lab File: VU049410.D

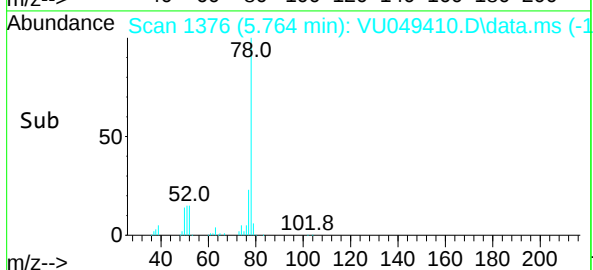
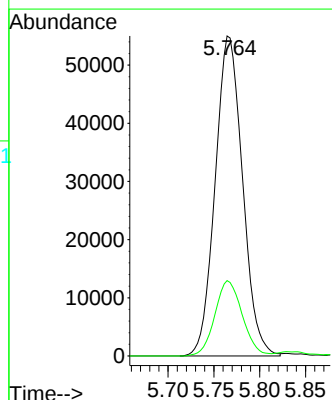
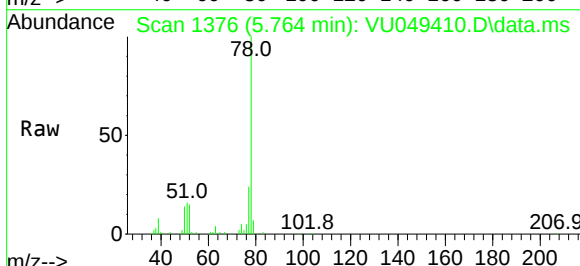
Acq: 27 Jun 2022 17:54

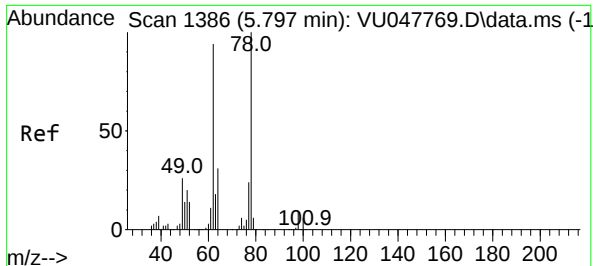
Tgt Ion: 78 Resp: 114321

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2





#42

1,2-Dichloroethane

Concen: 0.285 ug/l

RT: 5.768 min Scan# 1463

Delta R.T. -0.029 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

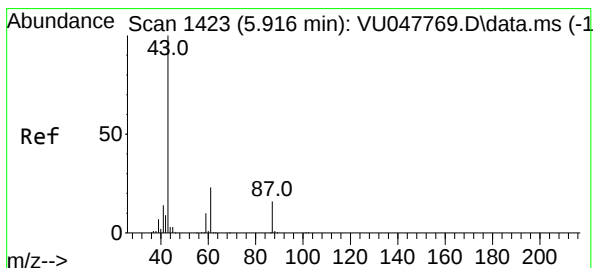
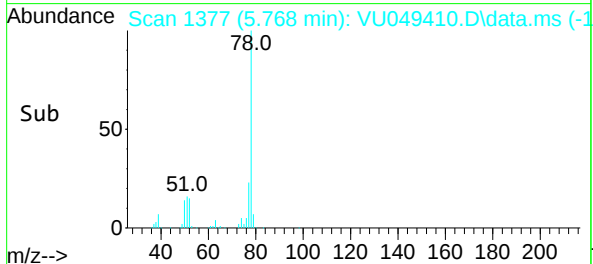
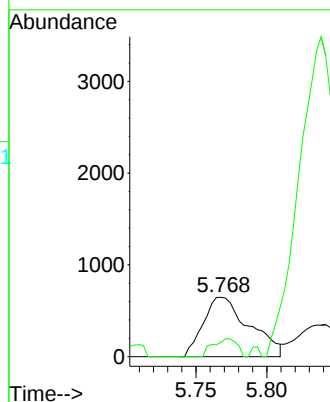
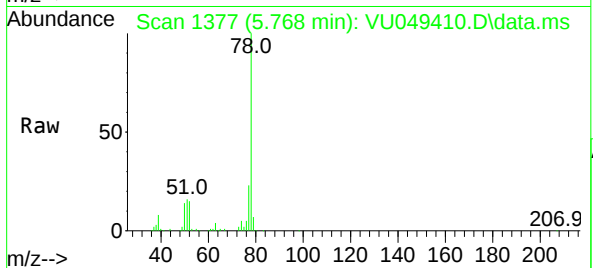
WC-14B-2-2-GR

Tgt Ion: 62 Resp: 1463

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.6



#43

Isopropyl Acetate

Concen: 2.027 ug/l

RT: 5.977 min Scan# 1442

Delta R.T. 0.061 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

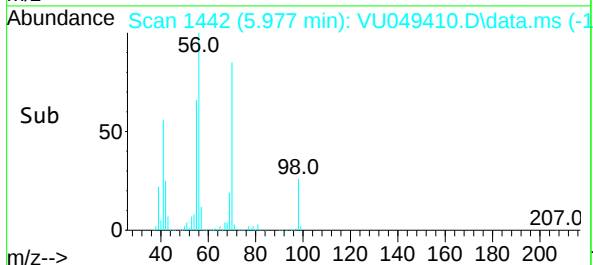
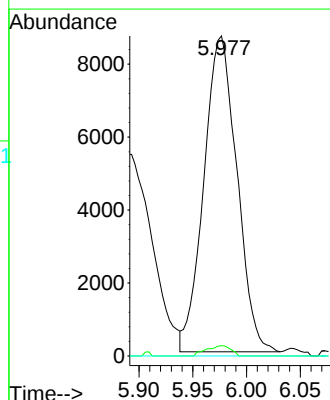
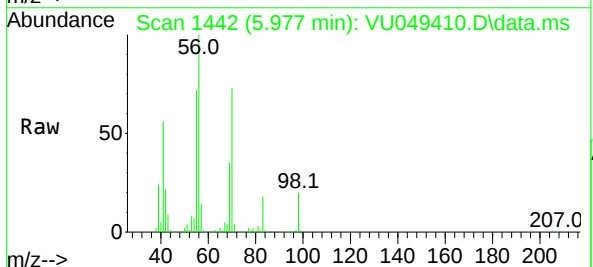
Tgt Ion: 43 Resp: 18522

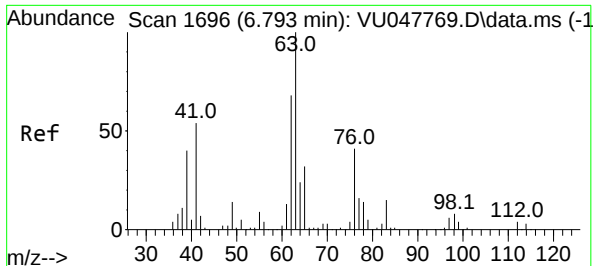
Ion Ratio Lower Upper

43 100

61 2.4 17.4 26.0#

87 0.0 12.6 18.8#





#45

1,2-Dichloropropane

Concen: 1.239 ug/l

RT: 6.751 min Scan# 1

Delta R.T. -0.042 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

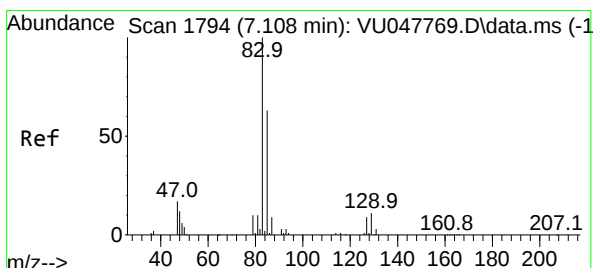
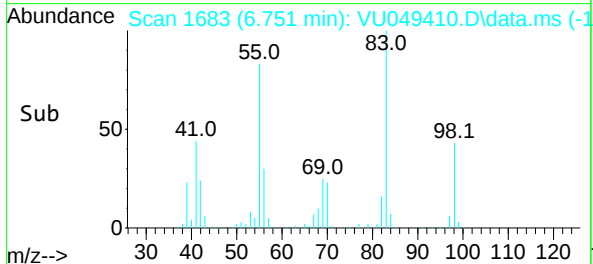
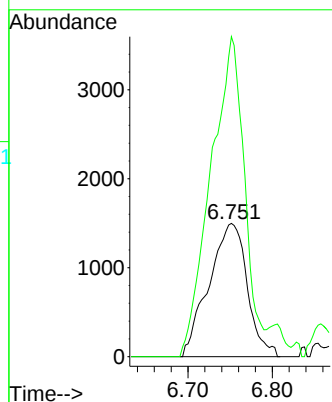
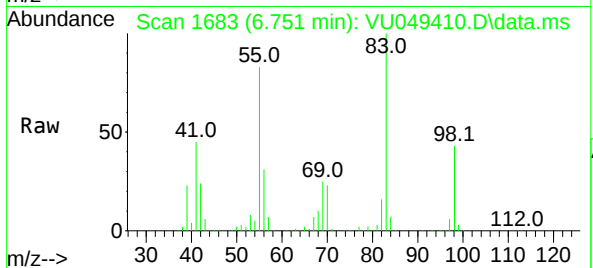
WC-14B-2-2-GR

Tgt Ion: 63 Resp: 4731

Ion Ratio Lower Upper

63 100

65 240.1 25.0 37.4#



#47

Bromodichloromethane

Concen: 2.542 ug/l

RT: 7.067 min Scan# 1781

Delta R.T. -0.042 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

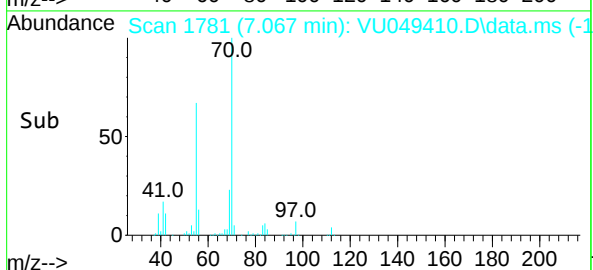
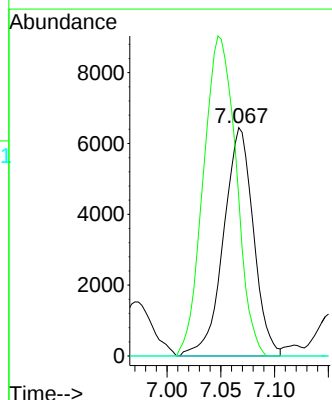
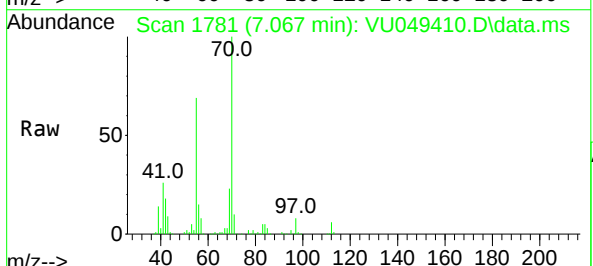
Tgt Ion: 83 Resp: 12456

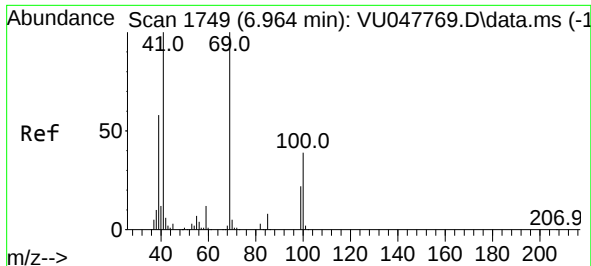
Ion Ratio Lower Upper

83 100

85 69.4 51.4 77.2

127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 4.185 ug/l

RT: 6.973 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-2-2-GR

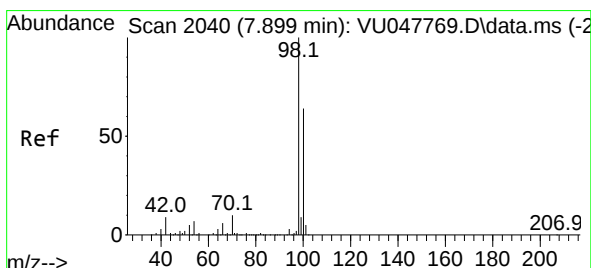
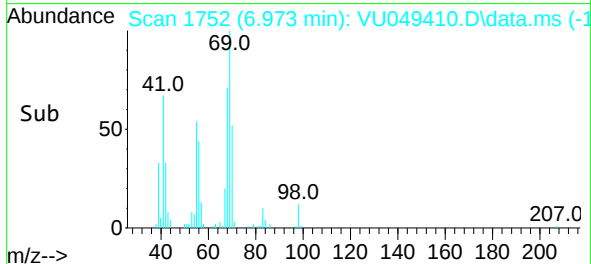
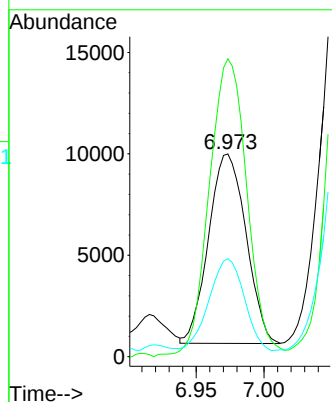
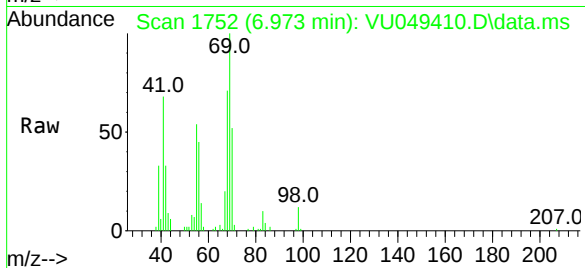
Tgt Ion: 41 Resp: 17925

Ion Ratio Lower Upper

41 100

69 159.2 79.8 119.6#

39 45.2 47.9 71.9#



#50

Toluene-d8

Concen: 49.790 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.003 min

Lab File: VU049410.D

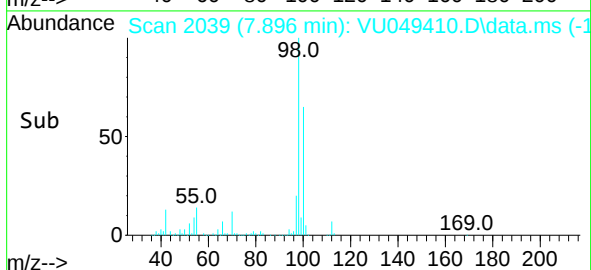
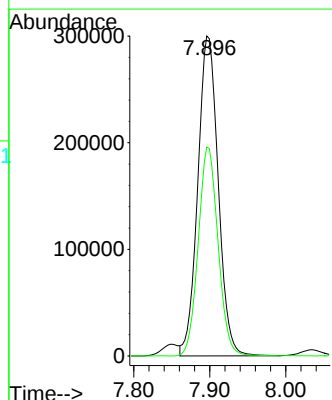
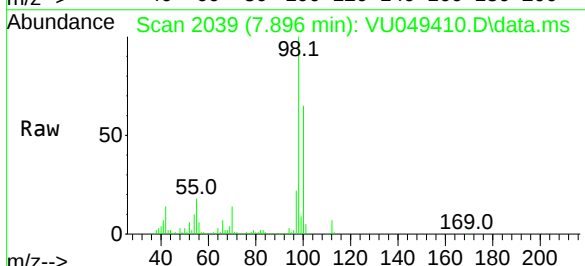
Acq: 27 Jun 2022 17:54

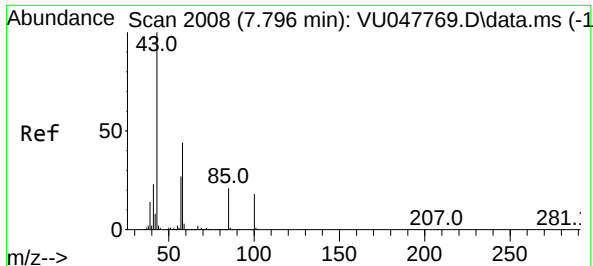
Tgt Ion: 98 Resp: 559011

Ion Ratio Lower Upper

98 100

100 63.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 0.901 ug/l

RT: 7.751 min Scan# 1994

Delta R.T. -0.045 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

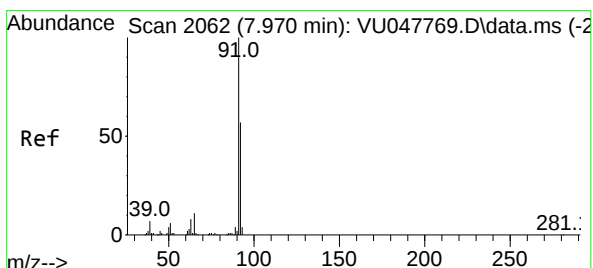
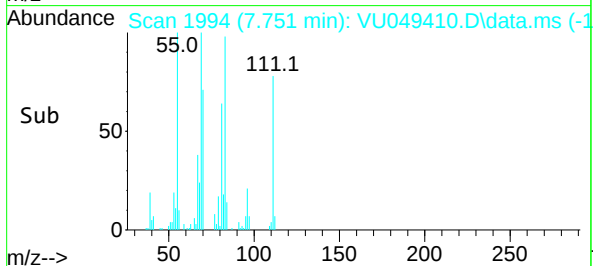
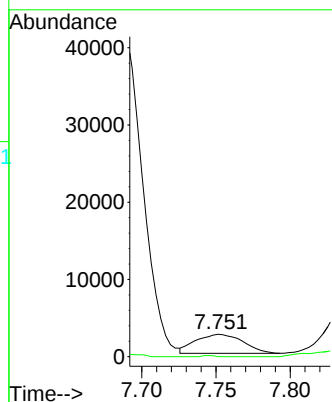
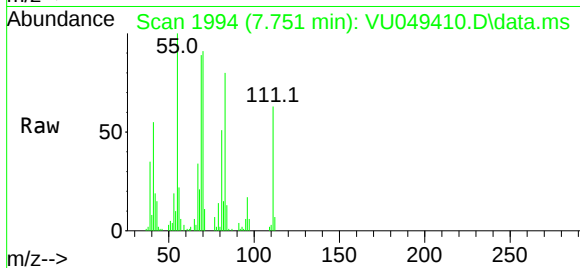
WC-14B-2-2-GR

Tgt Ion: 43 Resp: 5511

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#



#52

Toluene

Concen: 11.524 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049410.D

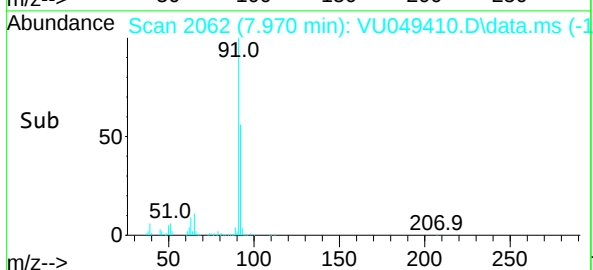
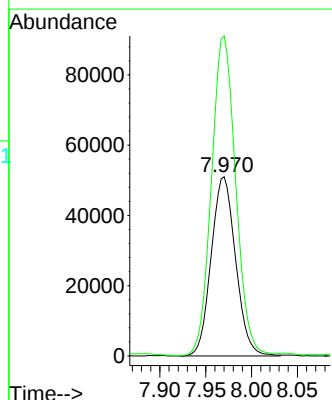
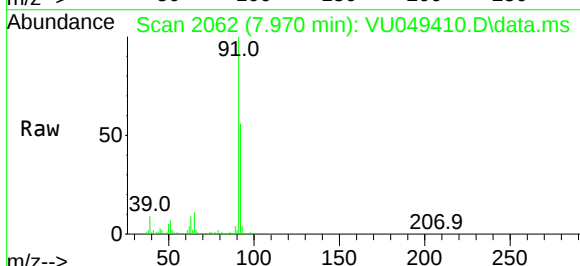
Acq: 27 Jun 2022 17:54

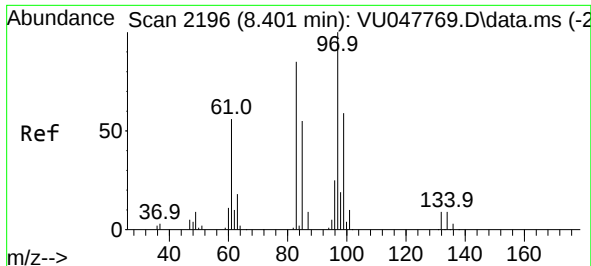
Tgt Ion: 92 Resp: 94386

Ion Ratio Lower Upper

92 100

91 177.1 138.2 207.4





#55

1,1,2-Trichloroethane

Concen: 48.178 ug/l

RT: 8.366 min Scan# 2196

Delta R.T. -0.035 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-2-2-GR

Tgt Ion: 97 Resp: 163149

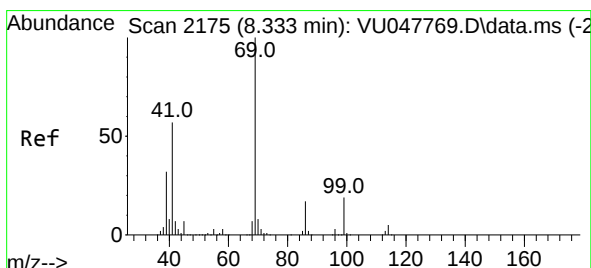
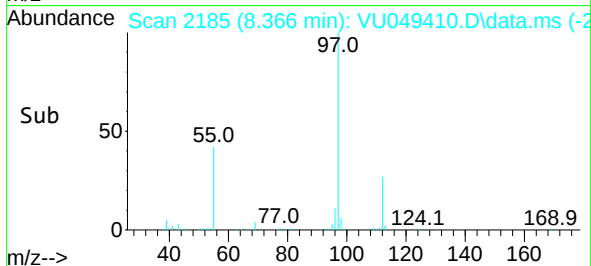
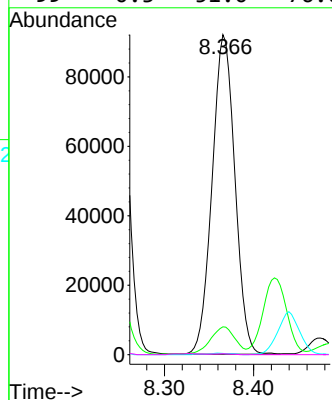
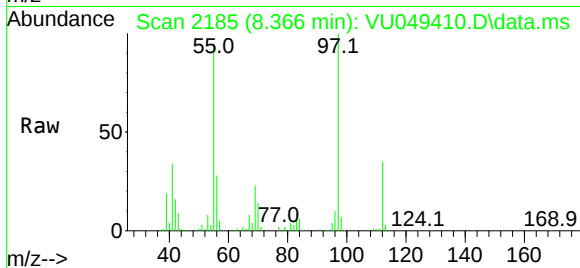
Ion Ratio Lower Upper

97 100

83 8.5 70.2 105.4#

85 0.4 44.6 66.8#

99 0.3 51.0 76.6#



#56

Ethyl methacrylate

Concen: 7.187 ug/l

RT: 8.366 min Scan# 2185

Delta R.T. 0.032 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

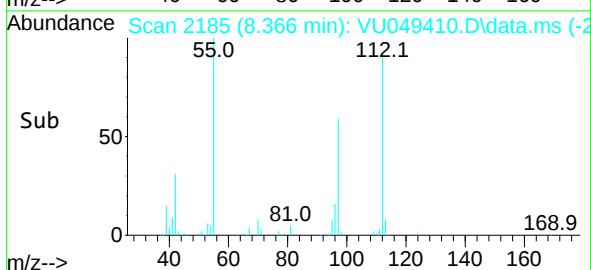
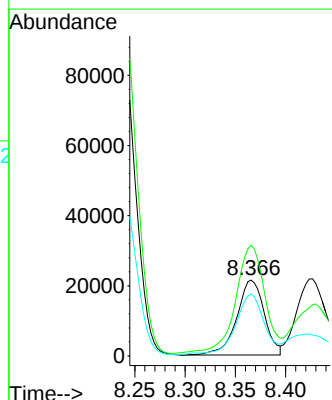
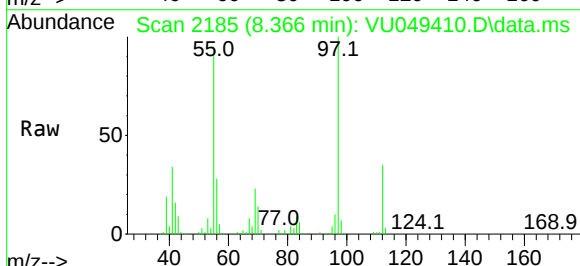
Tgt Ion: 69 Resp: 40708

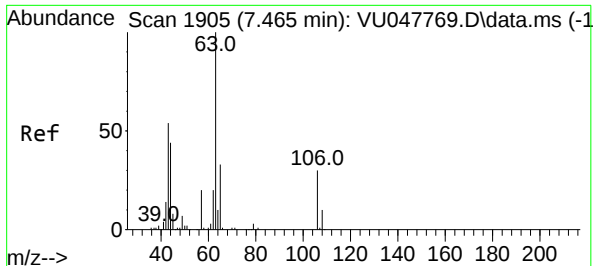
Ion Ratio Lower Upper

69 100

41 152.3 45.4 68.0#

39 83.1 25.7 38.5#

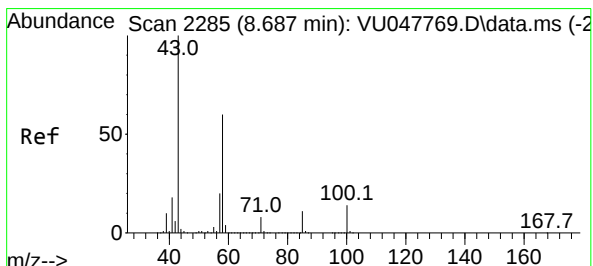
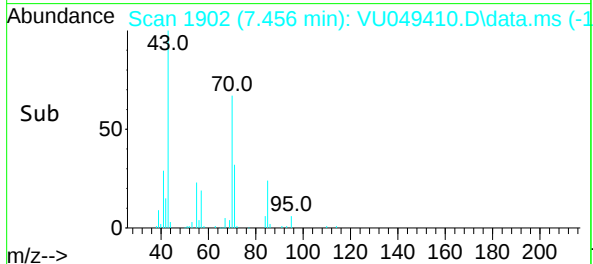
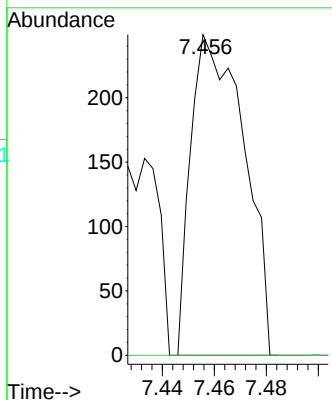
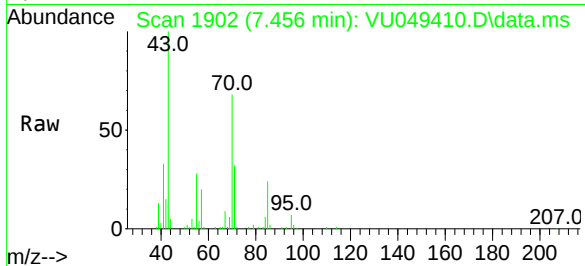




#58
 2-Chloroethyl Vinyl ether
 Concen: 13.411 ug/l
 RT: 7.456 min Scan# 1905
 Delta R.T. -0.009 min
 Lab File: VU049410.D
 Acq: 27 Jun 2022 17:54

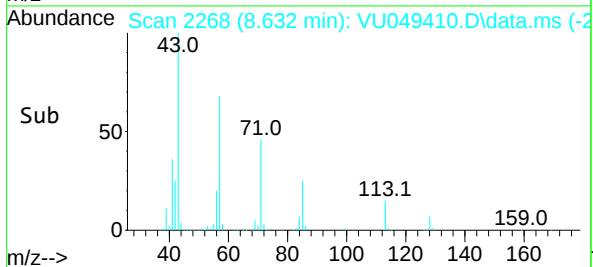
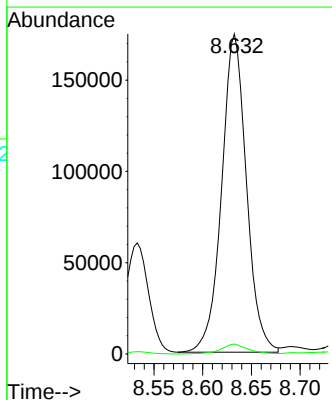
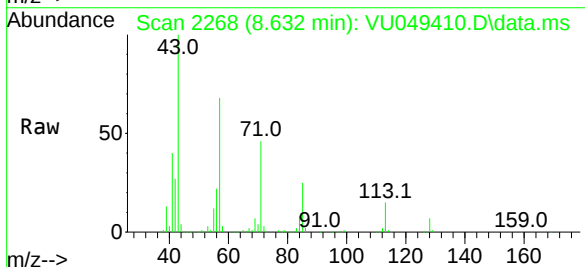
Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-2-GR

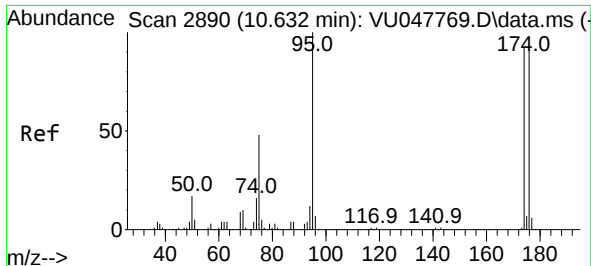
Tgt Ion: 63 Resp: 354
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.1 34.7#



#59
 2-Hexanone
 Concen: 64.090 ug/l
 RT: 8.632 min Scan# 2268
 Delta R.T. -0.055 min
 Lab File: VU049410.D
 Acq: 27 Jun 2022 17:54

Tgt Ion: 43 Resp: 308253
 Ion Ratio Lower Upper
 43 100
 58 3.4 30.3 90.8#

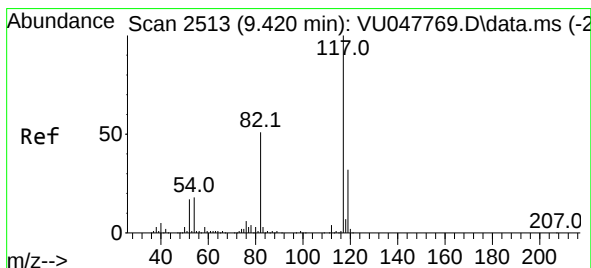
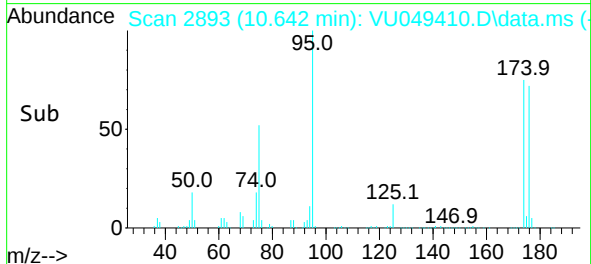
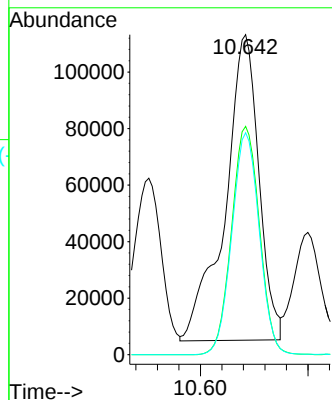
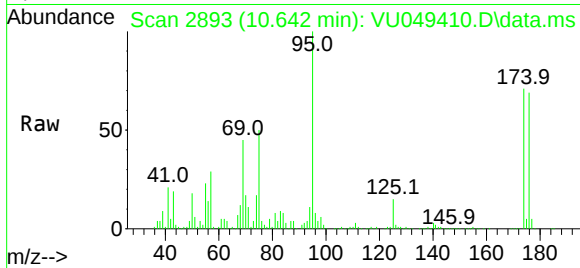




#62
4-Bromofluorobenzene
Concen: 54.946 ug/l
RT: 10.642 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

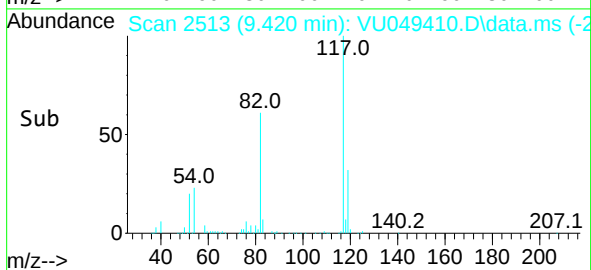
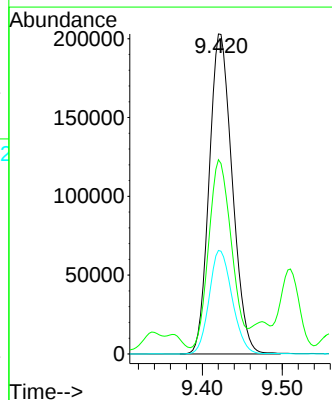
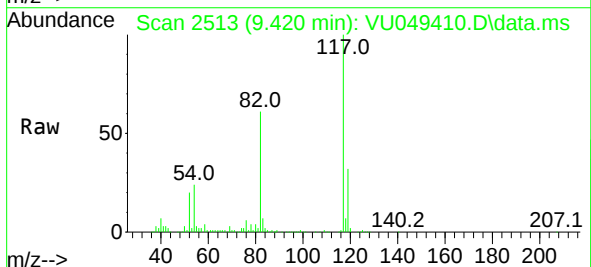
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-2-GR

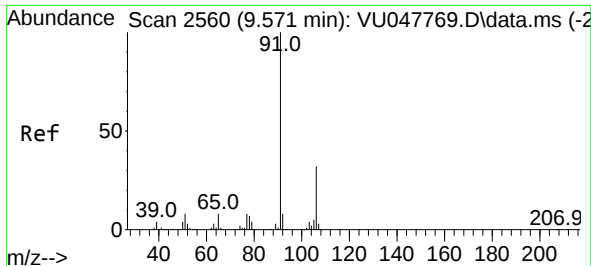
Tgt Ion: 95 Resp: 236312
Ion Ratio Lower Upper
95 100
174 61.6 0.0 182.0
176 59.0 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

Tgt Ion: 117 Resp: 406304
Ion Ratio Lower Upper
117 100
82 56.1 41.7 62.5
119 32.4 25.7 38.5





#67

Ethyl Benzene

Concen: 3.564 ug/l

RT: 9.575 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

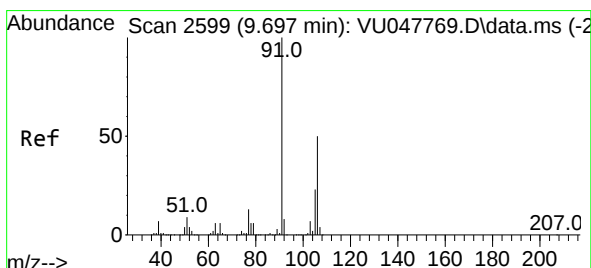
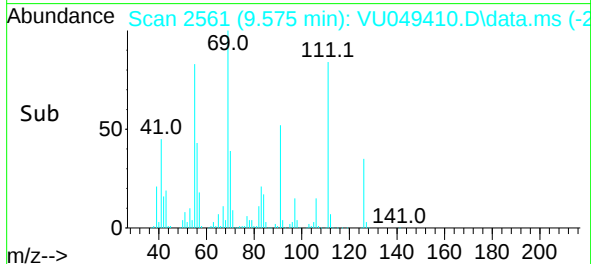
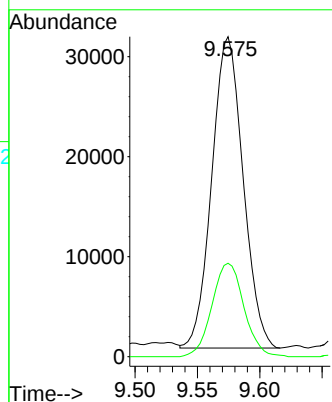
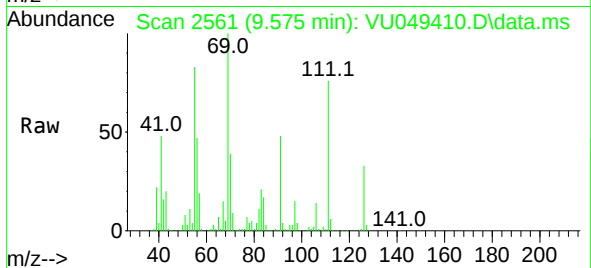
WC-14B-2-2-GR

Tgt Ion: 91 Resp: 54355

Ion Ratio Lower Upper

91 100

106 30.0 25.6 38.4



#68

m/p-Xylenes

Concen: 17.213 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU049410.D

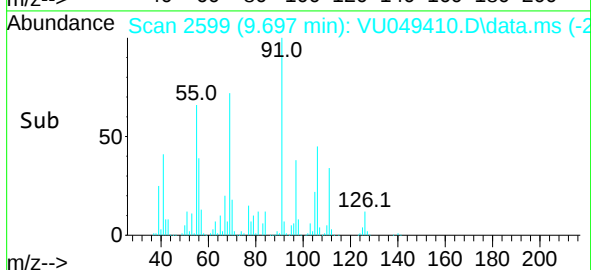
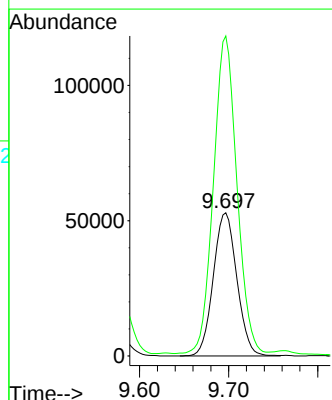
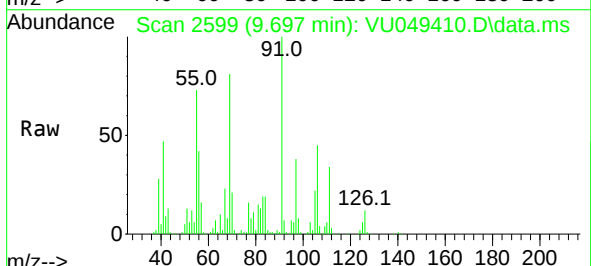
Acq: 27 Jun 2022 17:54

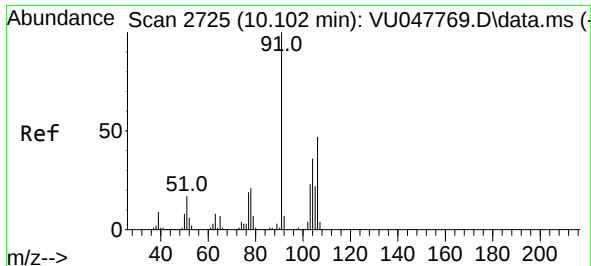
Tgt Ion: 106 Resp: 97122

Ion Ratio Lower Upper

106 100

91 220.2 157.2 235.8

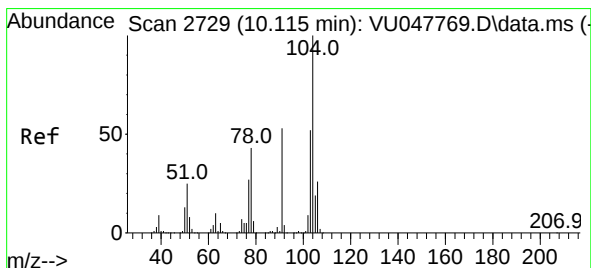
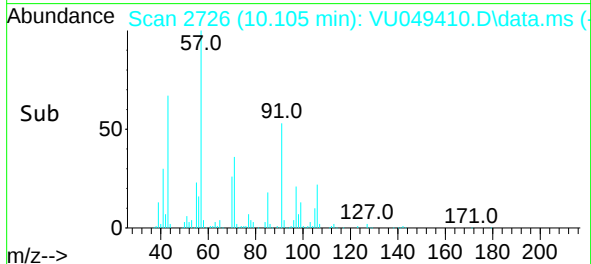
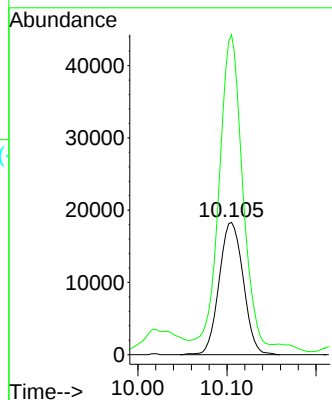
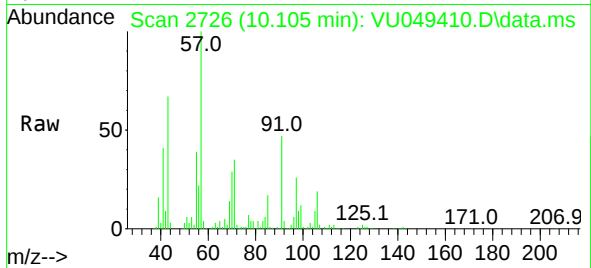




#69
o-Xylene
Concen: 6.150 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

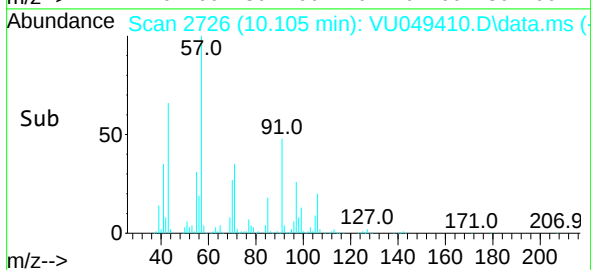
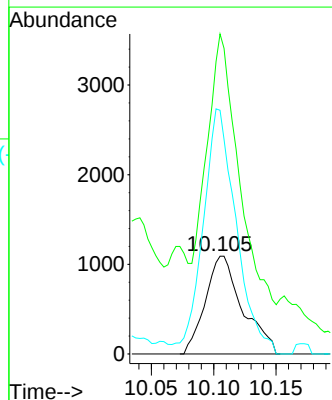
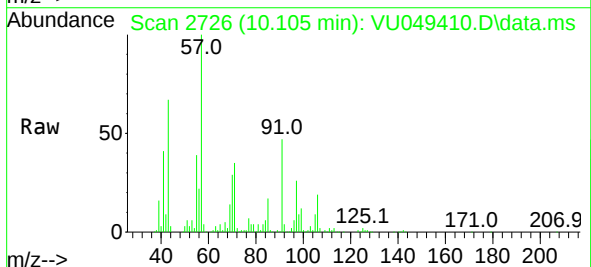
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-2-GR

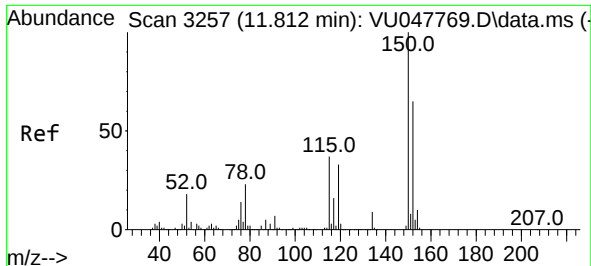
Tgt Ion:106 Resp: 34446
Ion Ratio Lower Upper
106 100
91 225.4 103.5 310.5



#70
Styrene
Concen: 0.251 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.010 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

Tgt Ion:104 Resp: 2260
Ion Ratio Lower Upper
104 100
78 236.1 38.0 57.0#
103 224.1 43.9 65.9#

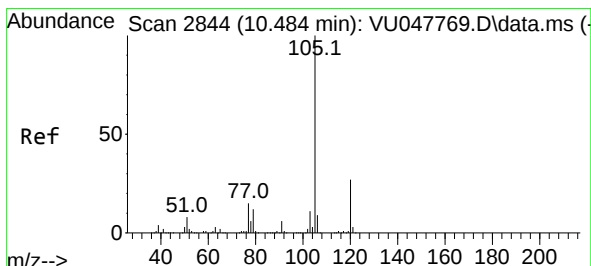
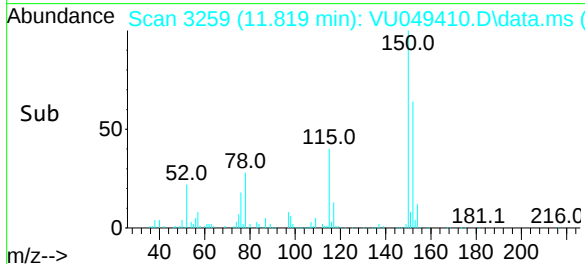
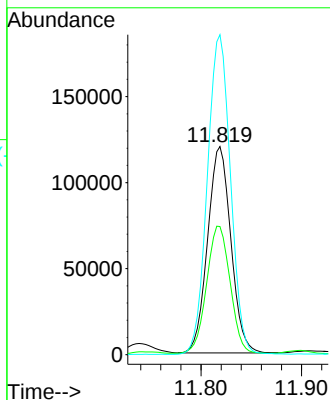
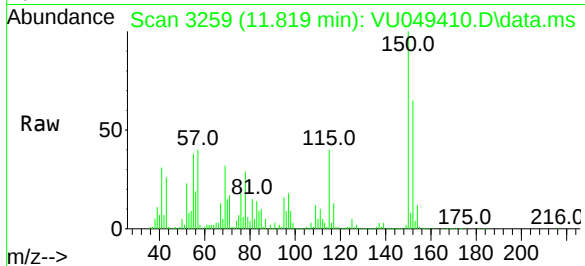




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

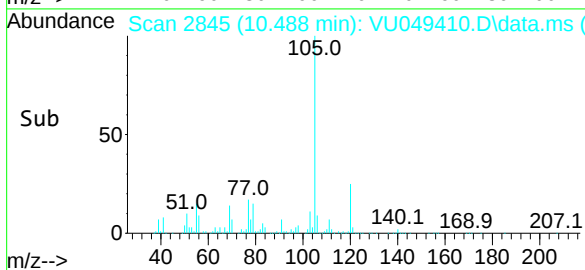
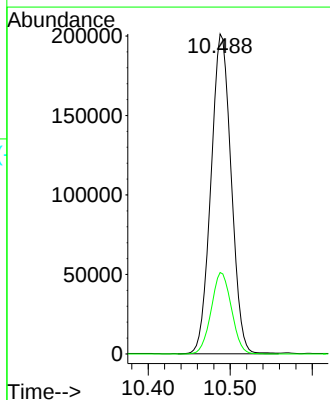
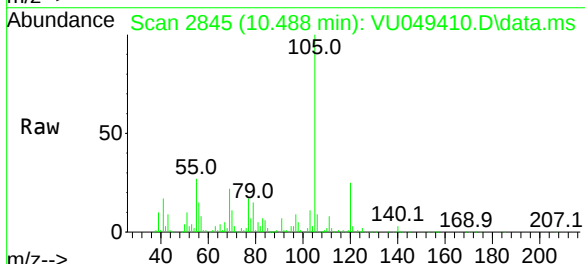
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-2-GR

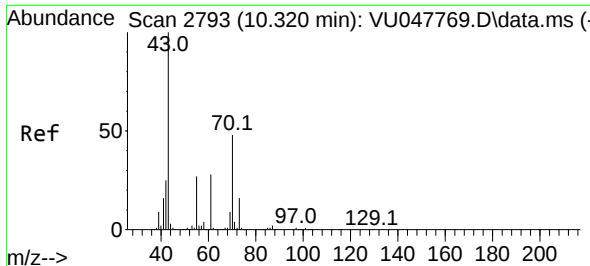
Tgt Ion:152 Resp: 193483
Ion Ratio Lower Upper
152 100
115 62.7 37.0 110.9
150 153.8 0.0 342.2



#73
Isopropylbenzene
Concen: 24.943 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

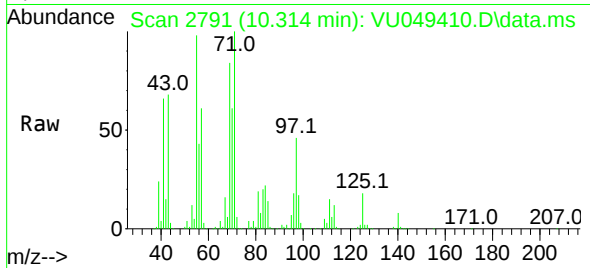
Tgt Ion:105 Resp: 343786
Ion Ratio Lower Upper
105 100
120 25.5 13.8 41.4





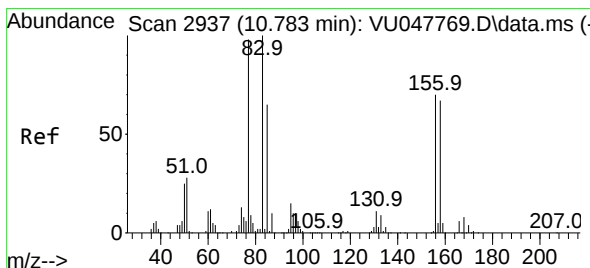
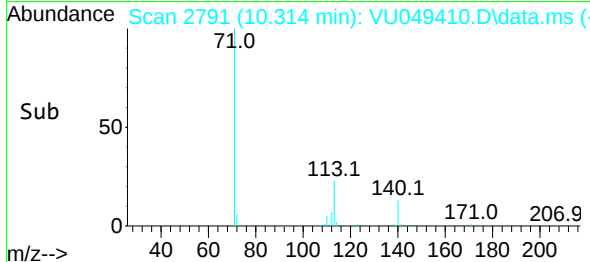
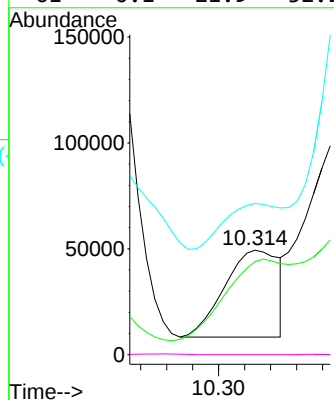
#74
N-amy1 acetate
Concen: 8.191 ug/l
RT: 10.314 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-2-GR



Tgt Ion: 43 Resp: 59754

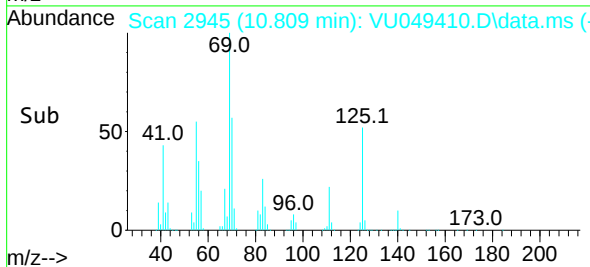
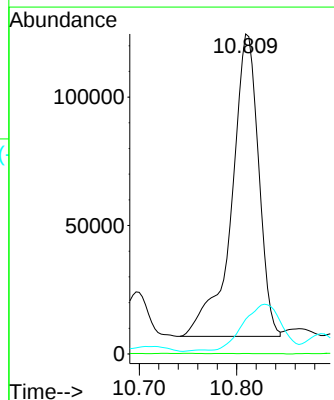
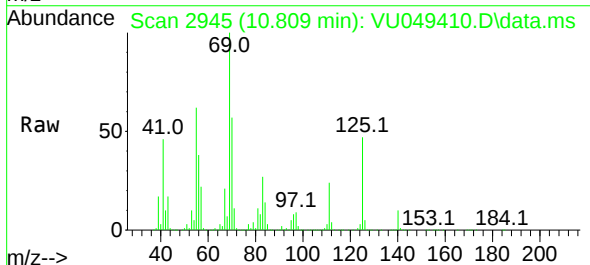
Ion	Ratio	Lower	Upper
43	100		
70	105.9	38.7	58.1#
55	51.2	21.8	32.8#
61	0.1	21.9	32.9#

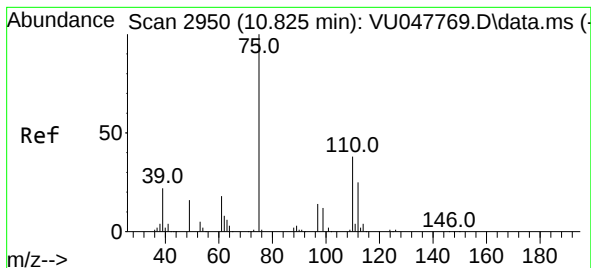


#75
1,1,2,2-Tetrachloroethane
Concen: 38.977 ug/l
RT: 10.809 min Scan# 2945
Delta R.T. 0.026 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

Tgt Ion: 83 Resp: 227565

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	0.0	32.2	96.6#





#76

1,2,3-Trichloropropane

Concen: 15.563 ug/l

RT: 10.642 min Scan# 21

Delta R.T. -0.183 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

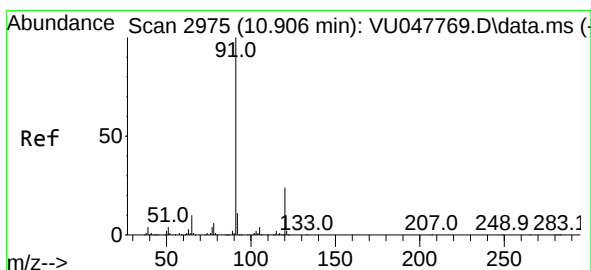
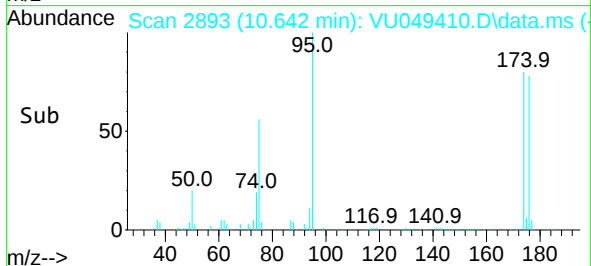
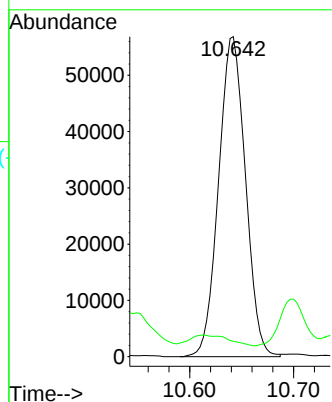
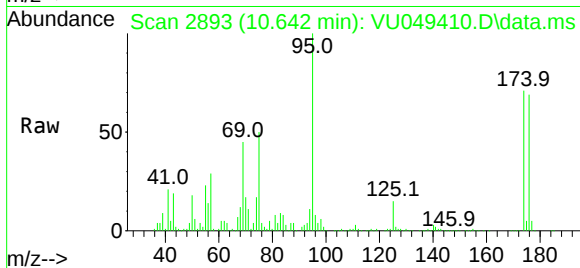
WC-14B-2-2-GR

Tgt Ion: 75 Resp: 102078

Ion Ratio Lower Upper

75 100

77 0.0 15.8 47.3#



#78

n-propylbenzene

Concen: 4.112 ug/l

RT: 10.909 min Scan# 2976

Delta R.T. 0.003 min

Lab File: VU049410.D

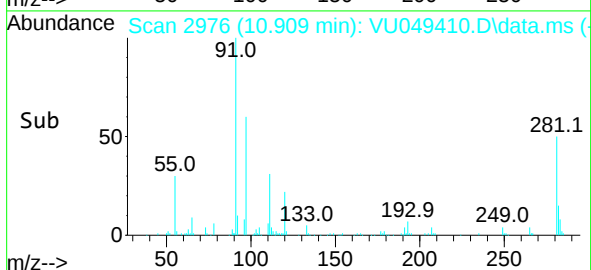
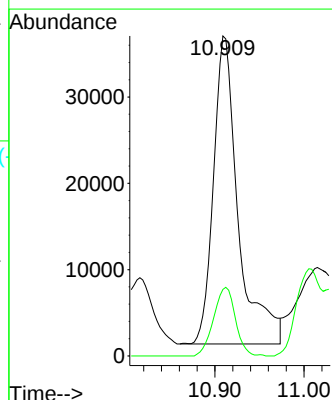
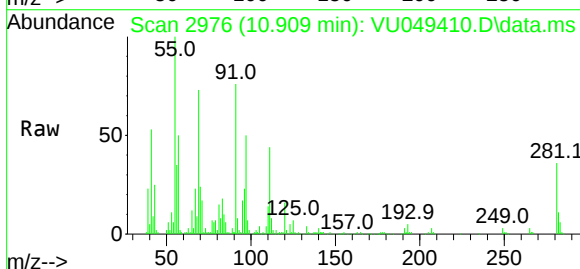
Acq: 27 Jun 2022 17:54

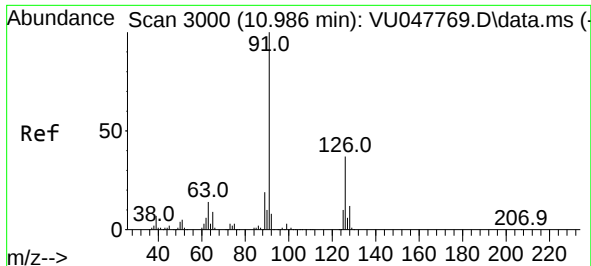
Tgt Ion: 91 Resp: 68874

Ion Ratio Lower Upper

91 100

120 19.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 1.762 ug/l

RT: 11.015 min Scan# 3009

Delta R.T. 0.029 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

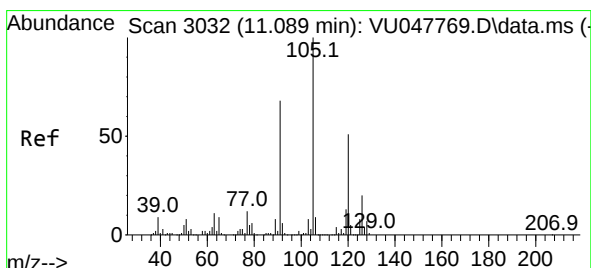
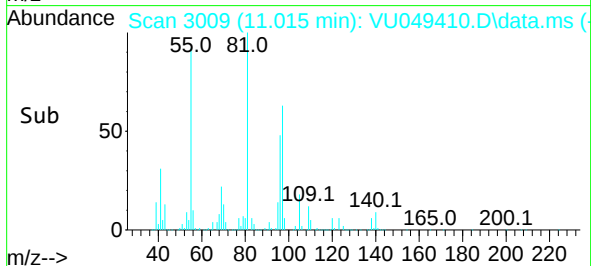
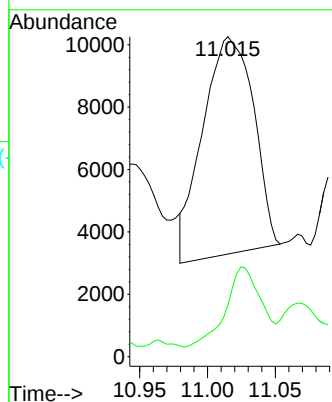
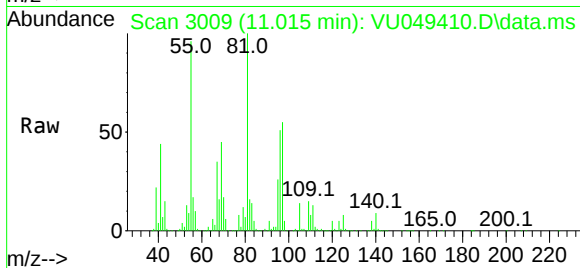
WC-14B-2-2-GR

Tgt Ion: 91 Resp: 18182

Ion Ratio Lower Upper

91 100

126 25.8 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 4.210 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VU049410.D

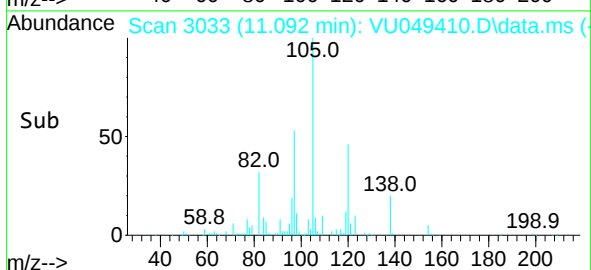
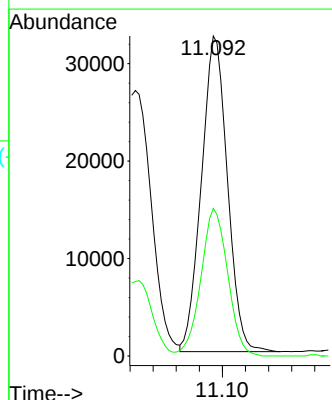
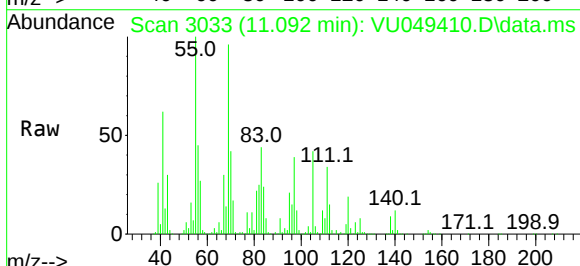
Acq: 27 Jun 2022 17:54

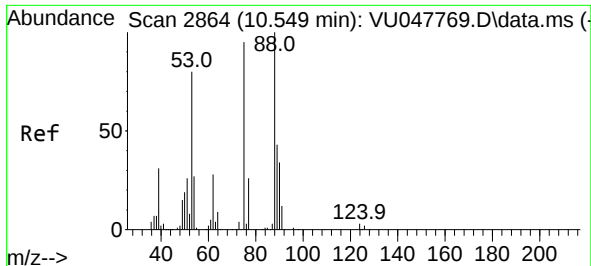
Tgt Ion: 105 Resp: 50658

Ion Ratio Lower Upper

105 100

120 48.3 25.3 75.9

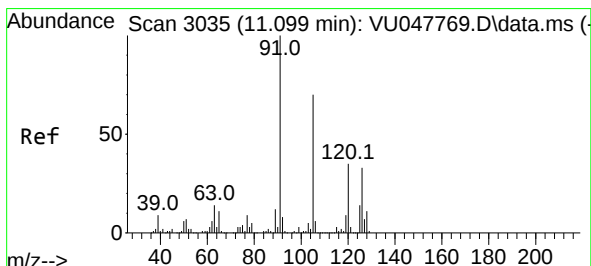
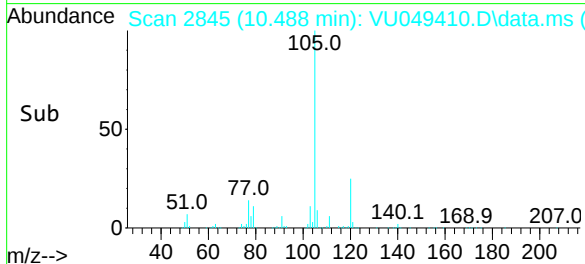
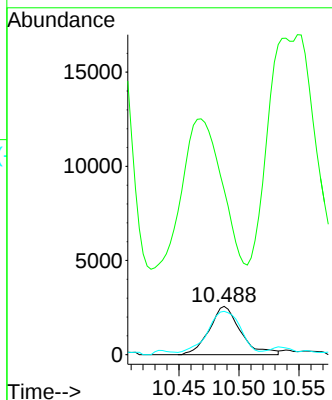
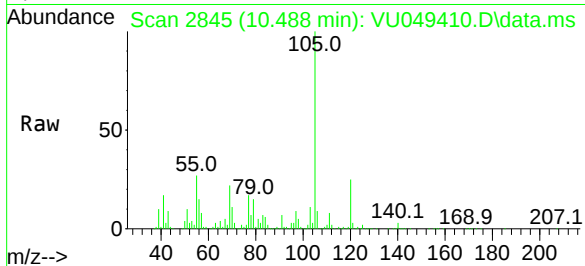




#81
trans-1,4-Dichloro-2-butene
Concen: 2.615 ug/l
RT: 10.488 min Scan# 21
Delta R.T. -0.061 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

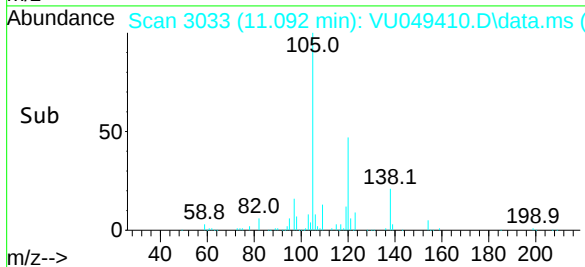
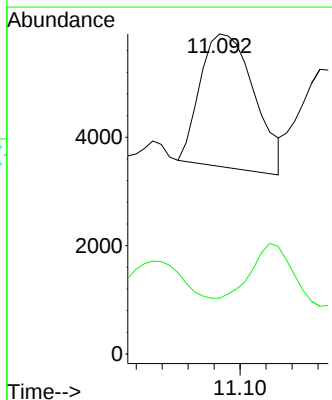
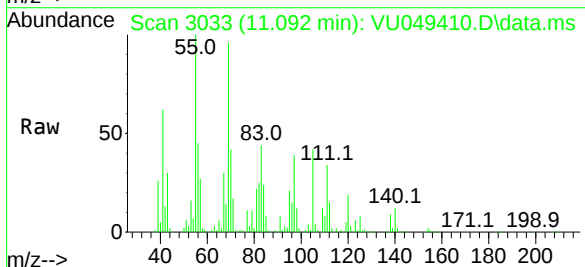
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-2-GR

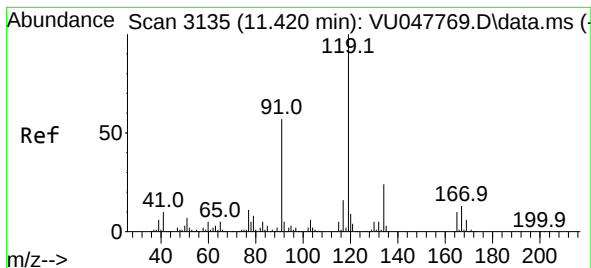
Tgt Ion: 75 Resp: 4644
Ion Ratio Lower Upper
75 100
53 380.2 69.2 103.8#
89 91.3 37.0 55.6#



#82
4-Chlorotoluene
Concen: 0.306 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.006 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

Tgt Ion: 91 Resp: 3556
Ion Ratio Lower Upper
91 100
126 41.4 16.1 48.2





#83

tert-Butylbenzene

Concen: 4.691 ug/l

RT: 11.423 min Scan# 3135

Delta R.T. 0.003 min

Lab File: VU049410.D

Acq: 27 Jun 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-2-2-GR

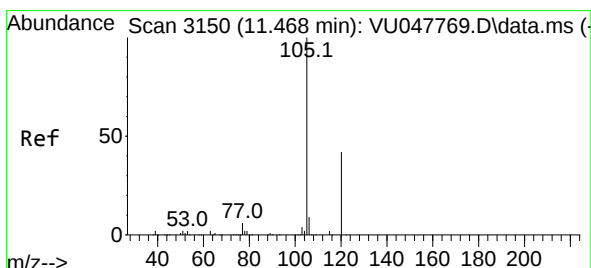
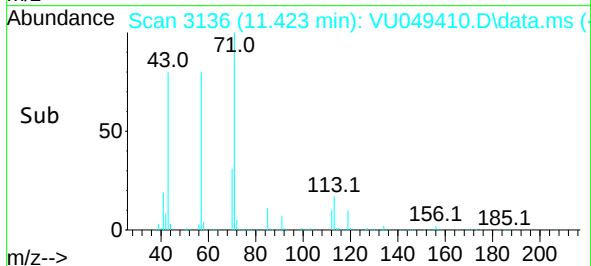
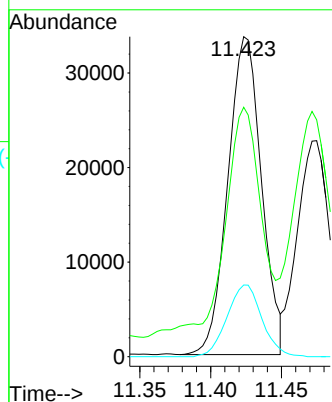
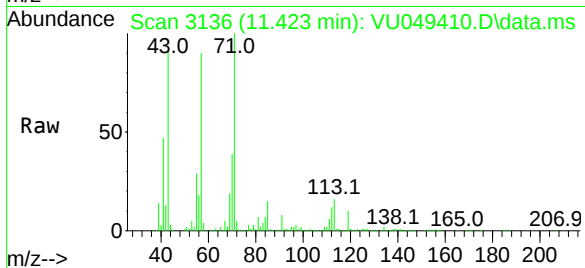
Tgt Ion:119 Resp: 55514

Ion Ratio Lower Upper

119 100

91 77.8 26.8 80.3

134 23.5 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 26.190 ug/l

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU049410.D

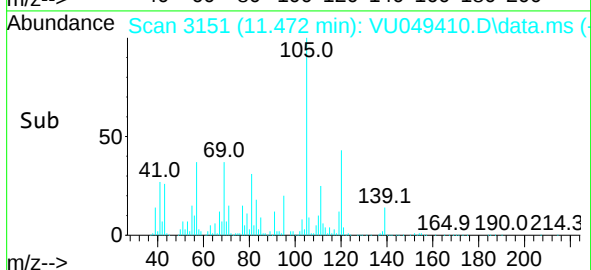
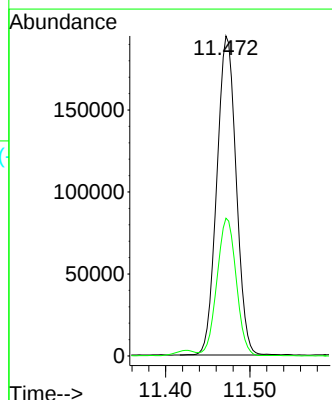
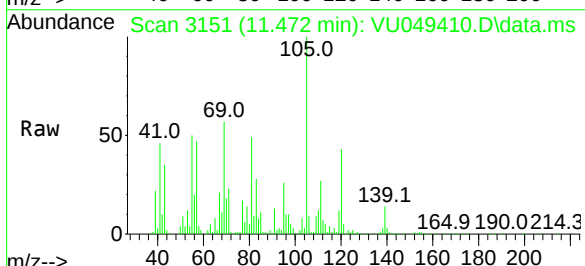
Acq: 27 Jun 2022 17:54

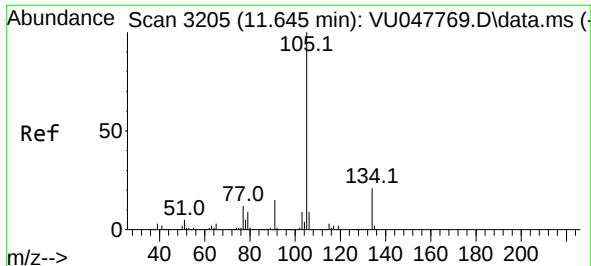
Tgt Ion:105 Resp: 309592

Ion Ratio Lower Upper

105 100

120 42.7 23.4 70.3

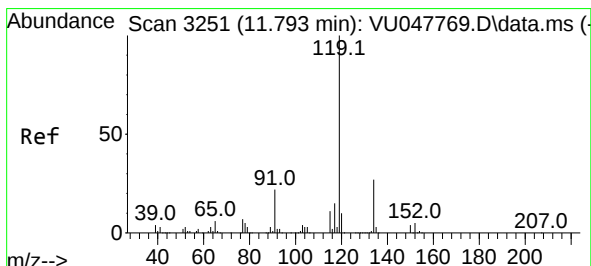
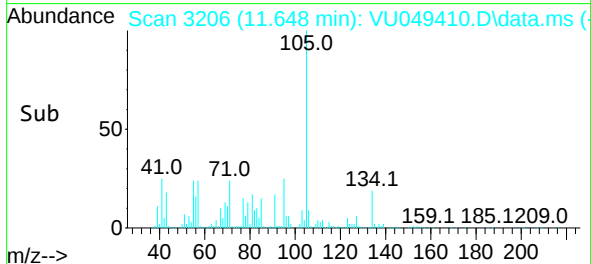
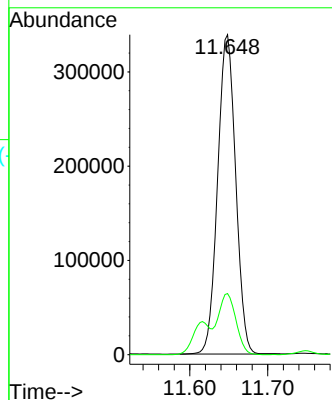
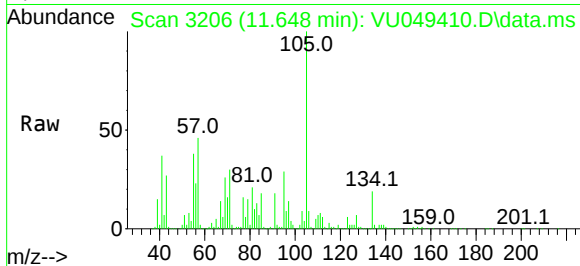




#85
 sec-Butylbenzene
 Concen: 36.648 ug/l
 RT: 11.648 min Scan# 3119
 Delta R.T. 0.003 min
 Lab File: VU049410.D
 Acq: 27 Jun 2022 17:54

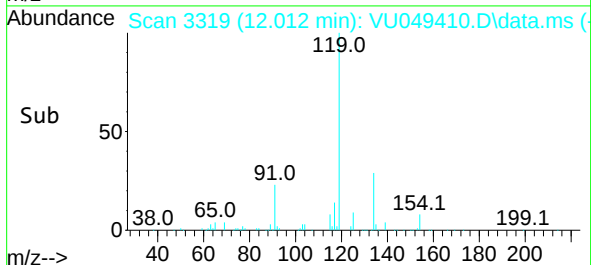
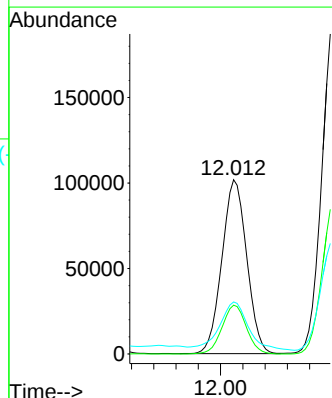
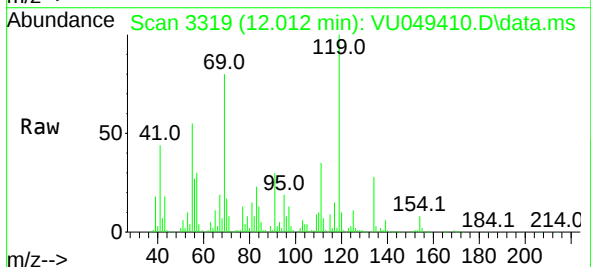
Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-2-GR

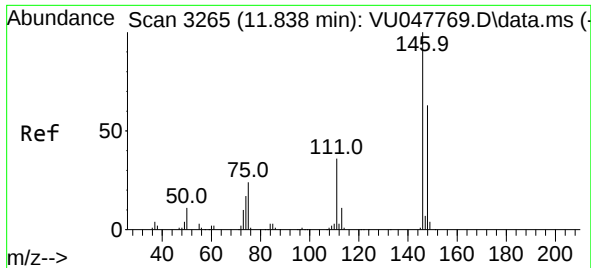
Tgt Ion:105 Resp: 545326
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 13.060 ug/l
 RT: 12.012 min Scan# 3319
 Delta R.T. 0.219 min
 Lab File: VU049410.D
 Acq: 27 Jun 2022 17:54

Tgt Ion:119 Resp: 157152
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.5 40.4
 91 32.3 11.2 33.5

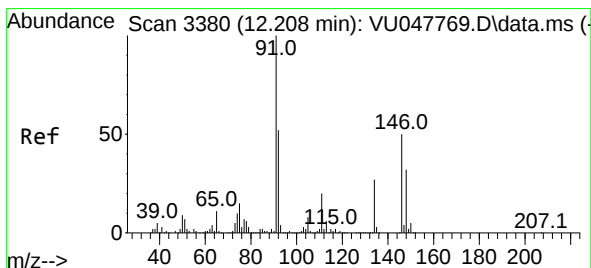
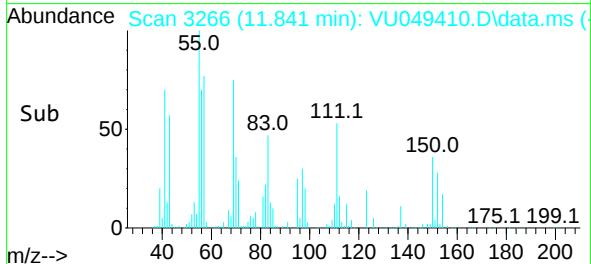
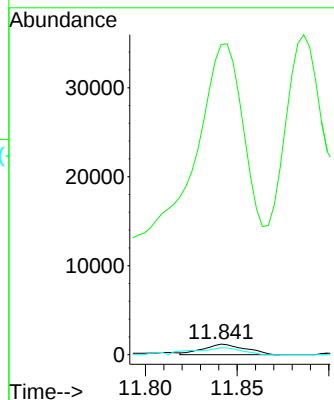
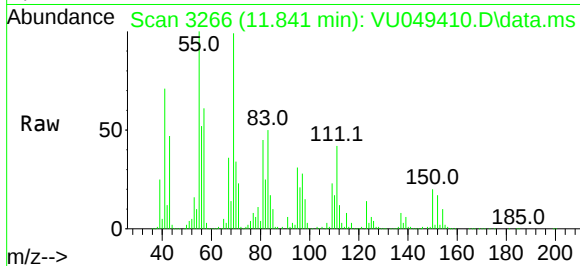




#88
1,4-Dichlorobenzene
Concen: 0.293 ug/l
RT: 11.841 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

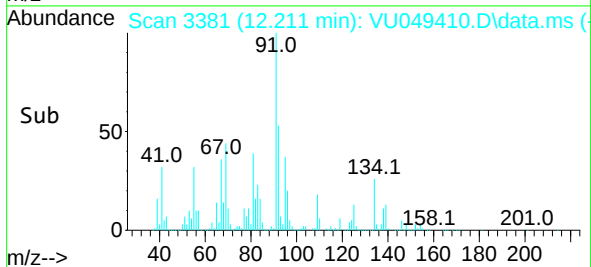
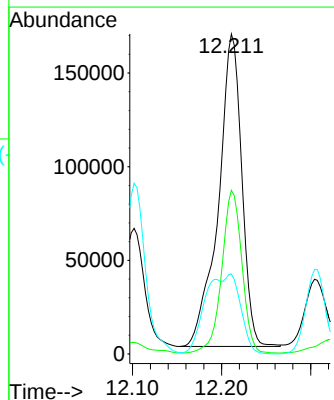
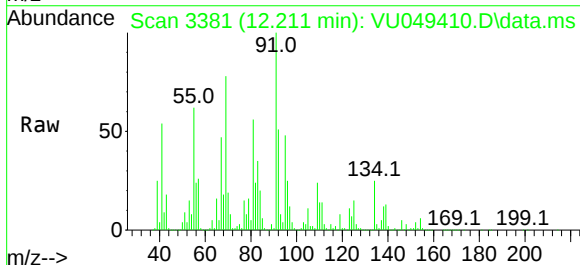
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-2-GR

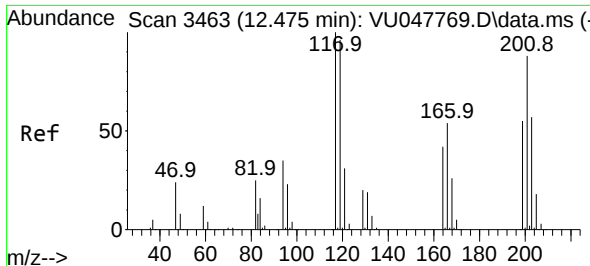
Tgt Ion:146 Resp: 1895
Ion Ratio Lower Upper
146 100
111 2111.3 18.5 55.5#
148 73.5 31.9 95.7



#89
n-Butylbenzene
Concen: 27.334 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

Tgt Ion: 91 Resp: 304484
Ion Ratio Lower Upper
91 100
92 45.0 26.2 78.6
134 20.5 13.5 40.4

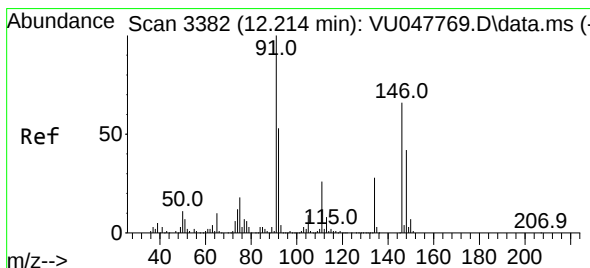
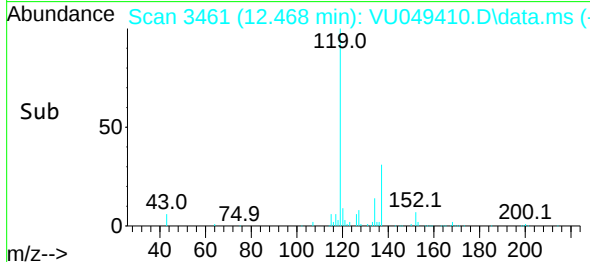
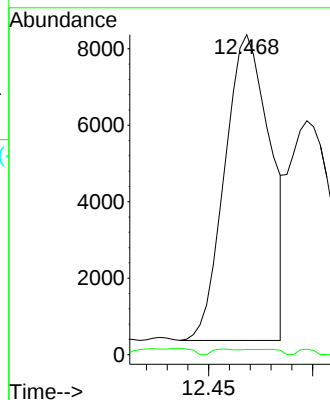
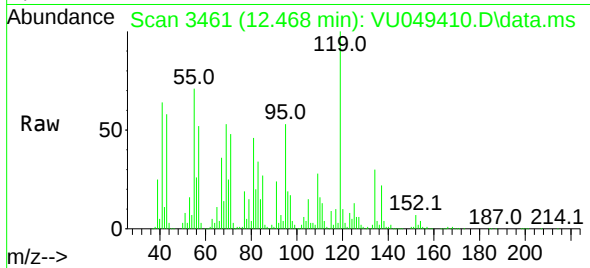




#90
Hexachloroethane
Concen: 5.053 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.006 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

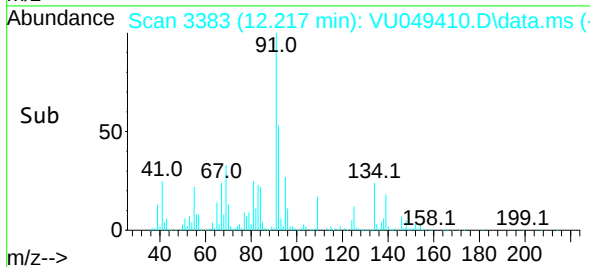
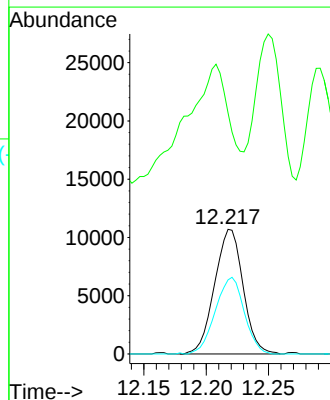
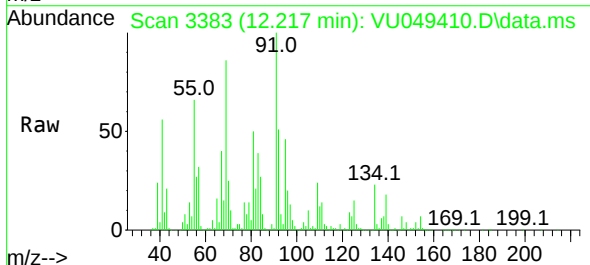
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-2-GR

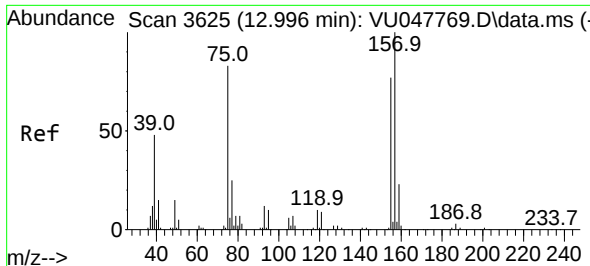
Tgt Ion:117 Resp: 12110
Ion Ratio Lower Upper
117 100
201 1.1 44.6 134.0#



#91
1,2-Dichlorobenzene
Concen: 2.640 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

Tgt Ion:146 Resp: 17060
Ion Ratio Lower Upper
146 100
111 125.5 19.9 59.6#
148 62.2 32.1 96.5

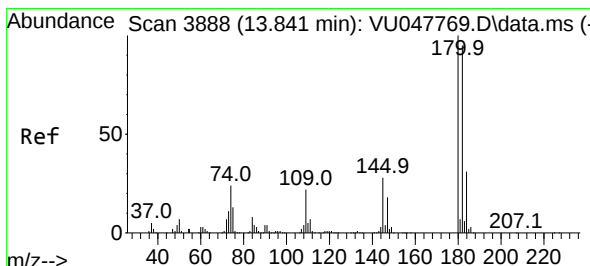
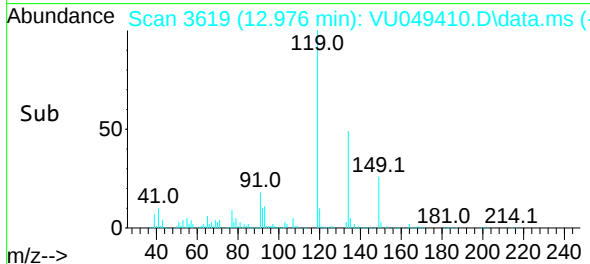
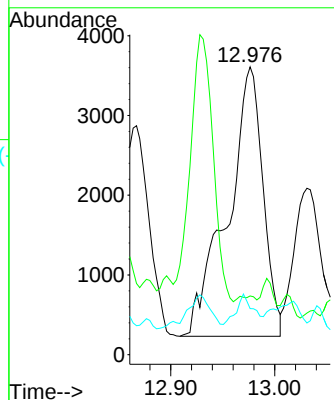
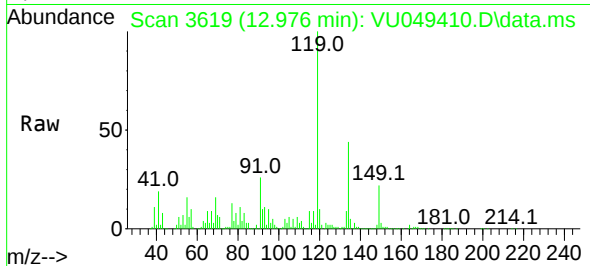




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.344 ug/l
 RT: 12.976 min Scan# 30
 Delta R.T. -0.019 min
 Lab File: VU049410.D
 Acq: 27 Jun 2022 17:54

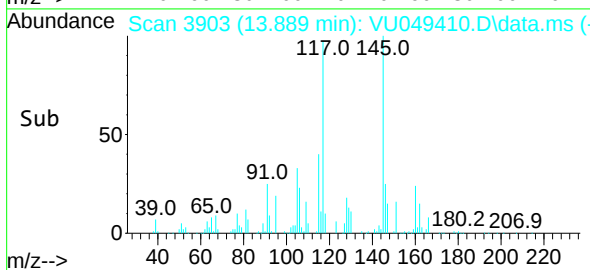
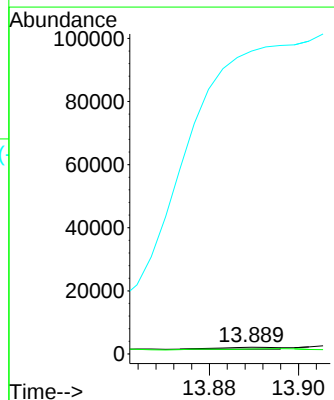
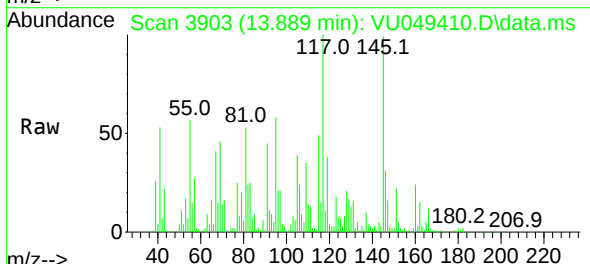
Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-2-GR

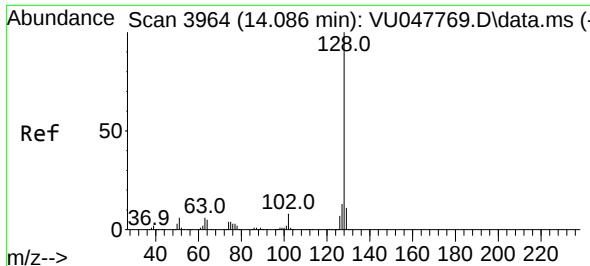
Tgt Ion: 75 Resp: 8001
 Ion Ratio Lower Upper
 75 100
 155 0.0 47.8 143.4#
 157 6.2 62.2 186.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.882 ug/l
 RT: 13.889 min Scan# 3903
 Delta R.T. 0.048 min
 Lab File: VU049410.D
 Acq: 27 Jun 2022 17:54

Tgt Ion:180 Resp: 577
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.6#
 145 0.0 14.0 41.9#

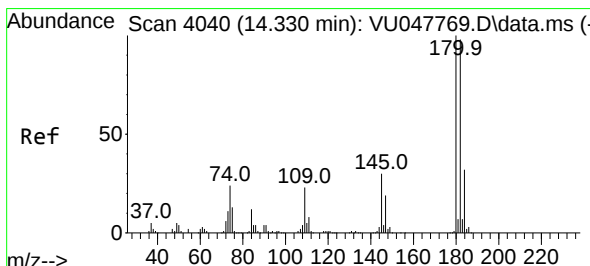
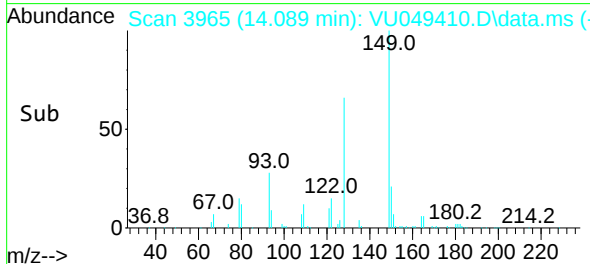
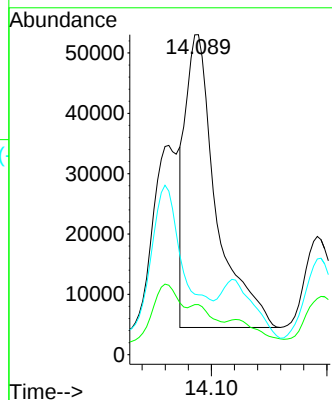
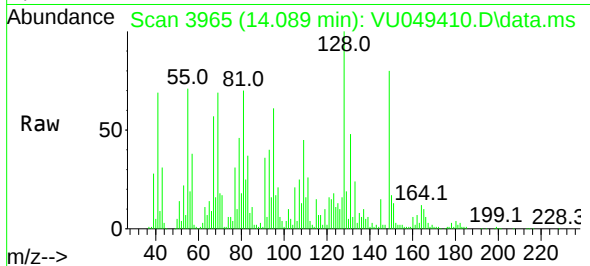




#95
Naphthalene
Concen: 7.470 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-2-GR

Tgt Ion:128 Resp: 89976
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 3.608 ug/l
RT: 14.352 min Scan# 4047
Delta R.T. 0.022 min
Lab File: VU049410.D
Acq: 27 Jun 2022 17:54

Tgt Ion:180 Resp: 11098
Ion Ratio Lower Upper
180 100
182 4.9 48.4 145.0#
145 1699.4 14.8 44.4#

