

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049455.D
 Acq On : 28 Jun 2022 14:00
 Operator : SY/MD
 Sample : N3455-13
 Misc : 5.05G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SP-EXC-2-3-GR

Quant Time: Jun 29 05:21:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.366	168	303684	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	521309	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	486230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	230163	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	202869	43.377	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.760%
35) Dibromofluoromethane	5.289	113	158997	43.594	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.180%
50) Toluene-d8	7.896	98	639553	49.164	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.320%
62) 4-Bromofluorobenzene	10.639	95	248204	49.808	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.620%

Target Compounds				Qvalue		
3) Chloromethane	1.514	50	2825	Below Cal		89
5) Bromomethane	1.845	94	732	0.479	ug/l	91
6) Chloroethane	1.883	64	82	1.950	ug/l #	1
10) Methyl Iodide	2.691	142	159	7.554	ug/l #	43
11) Tert butyl alcohol	3.173	59	26268	23.996	ug/l #	37
14) Allyl chloride	3.044	41	7379	1.107	ug/l #	58
16) Acetone	2.652	43	6519	2.764	ug/l	98
18) Methyl Acetate	2.957	43	11528	1.806	ug/l #	85
20) Methylene Chloride	3.031	84	4295	0.357	ug/l #	90
23) Vinyl Acetate	3.668	43	25803	2.313	ug/l #	62
25) 2-Butanone	4.739	43	3353	0.949	ug/l	92
31) Cyclohexane	5.369	56	15598	2.221	ug/l #	65
36) 1,1-Dichloropropene	5.366	75	24444	4.622	ug/l #	49
38) Carbon Tetrachloride	5.366	117	30786	5.551	ug/l #	16
39) Methylcyclohexane	6.755	83	22572	3.561	ug/l	94
40) Benzene	5.768	78	67142	4.205	ug/l	97
43) Isopropyl Acetate	5.835	43	2185	0.206	ug/l #	58
48) Methyl methacrylate	6.980	41	2968	0.598	ug/l #	73
52) Toluene	7.967	92	33207	3.499	ug/l	95
55) 1,1,2-Trichloroethane	8.369	97	7235	1.844	ug/l #	19
56) Ethyl methacrylate	8.369	69	1603	0.244	ug/l #	1
59) 2-Hexanone	8.758	43	3502	0.628	ug/l #	32
65) Chlorobenzene	9.449	112	121316	12.204	ug/l	99
67) Ethyl Benzene	9.575	91	61835	3.388	ug/l	95
68) m/p-Xylenes	9.697	106	62028	9.186	ug/l	88
69) o-Xylene	10.105	106	8641	1.289	ug/l	89
73) Isopropylbenzene	10.488	105	20321	1.239	ug/l	94
74) N-amyl acetate	10.343	43	33530	3.864	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	10.809	83	26836	3.864	ug/l #	62
76) 1,2,3-Trichloropropane	10.639	75	122396	15.687	ug/l #	45
78) n-propylbenzene	10.909	91	86613	4.347	ug/l	95
79) 2-Chlorotoluene	11.005	91	4859	0.396	ug/l	89
80) 1,3,5-Trimethylbenzene	11.092	105	16855	1.178	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.639	75	122396	57.931	ug/l #	16
82) 4-Chlorotoluene	11.005	91	4859	0.352	ug/l	96
83) tert-Butylbenzene	11.423	119	4787	0.340	ug/l	99

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 ALS Vial : 11 Sample Multiplier: 1

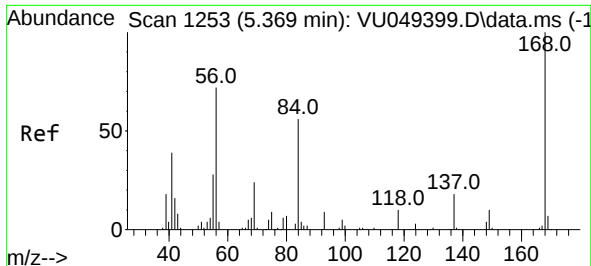
Instrument :
 MSVOA_U
 ClientSampleId :
 SP-EXC-2-3-GR

Quant Time: Jun 29 05:21:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
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 Response via : Initial Calibration

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

84) 1,2,4-Trimethylbenzene	11.472	105	69984	4.977	ug/l	93
85) sec-Butylbenzene	11.648	105	19169	1.083	ug/l	93
86) p-Isopropyltoluene	11.796	119	7736	0.540	ug/l	86
88) 1,4-Dichlorobenzene	11.838	146	2585	0.336	ug/l #	1
89) n-Butylbenzene	12.211	91	31770	2.398	ug/l #	75
90) Hexachloroethane	12.468	117	913	0.320	ug/l #	5
91) 1,2-Dichlorobenzene	12.217	146	6254	0.813	ug/l #	66
93) 1,2,4-Trichlorobenzene	13.835	180	144	1.781	ug/l #	1
95) Naphthalene	14.086	128	65025	5.219	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.349	180	3218	1.770	ug/l #	1

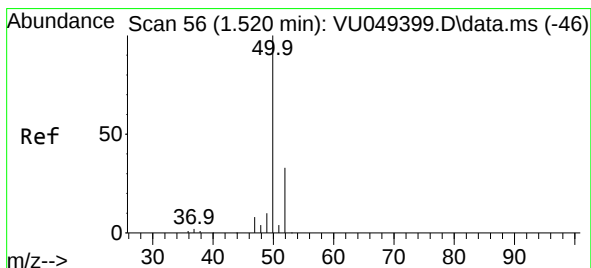
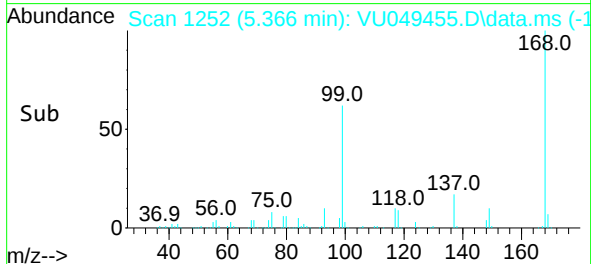
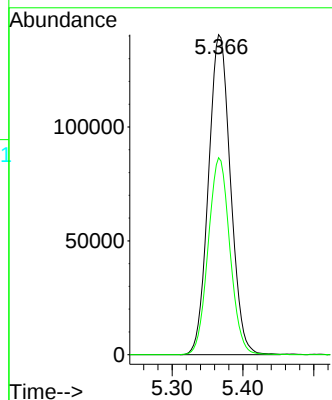
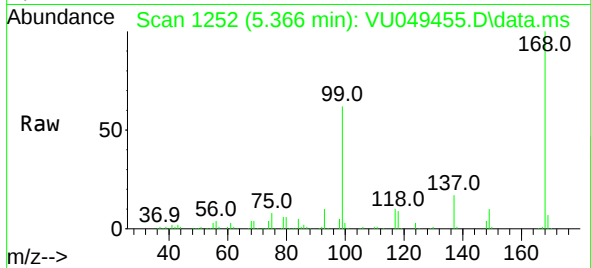
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

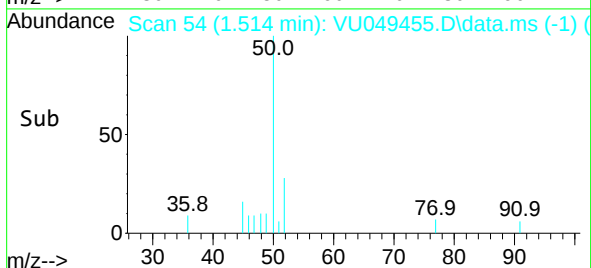
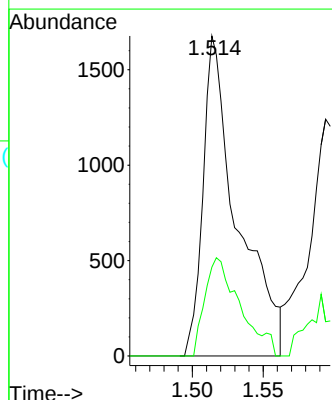
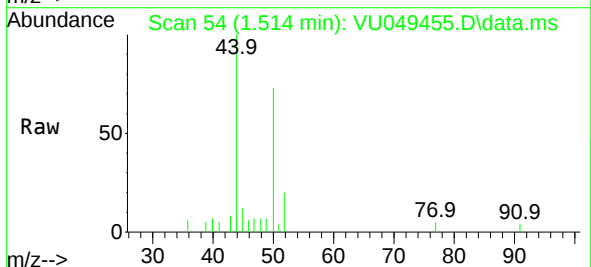
Instrument :
MSVOA_U
ClientSampleId :
SP-EXC-2-3-GR

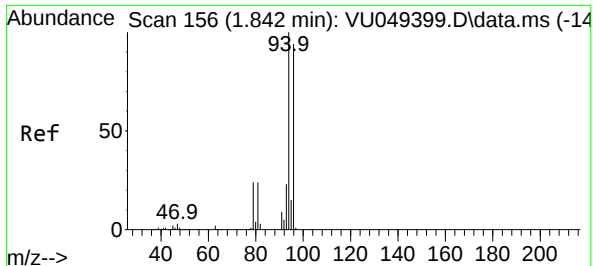
Tgt Ion:168 Resp: 303684
Ion Ratio Lower Upper
168 100
99 61.6 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.514 min Scan# 54
Delta R.T. -0.006 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

Tgt Ion: 50 Resp: 2825
Ion Ratio Lower Upper
50 100
52 27.8 27.4 41.2

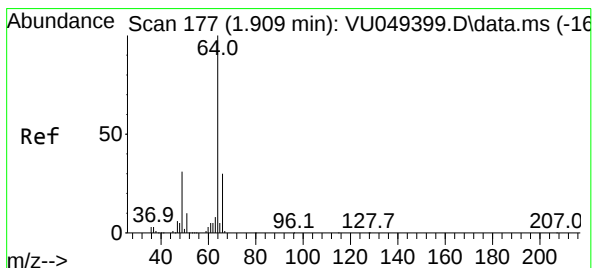
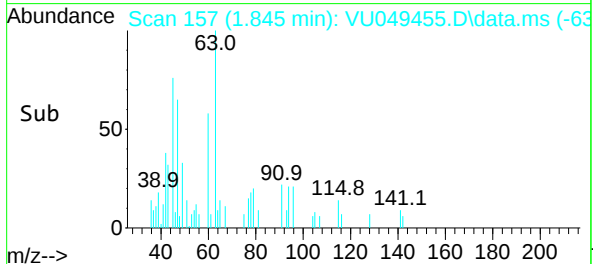
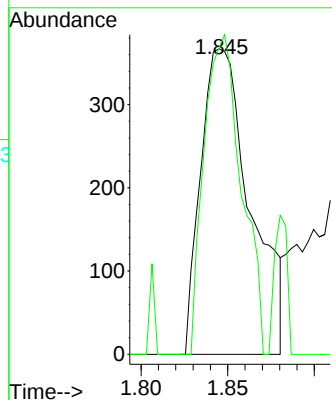
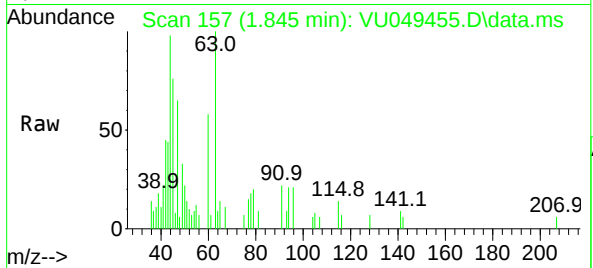




#5
Bromomethane
Concen: 0.479 ug/l
RT: 1.845 min Scan# 156
Delta R.T. 0.003 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

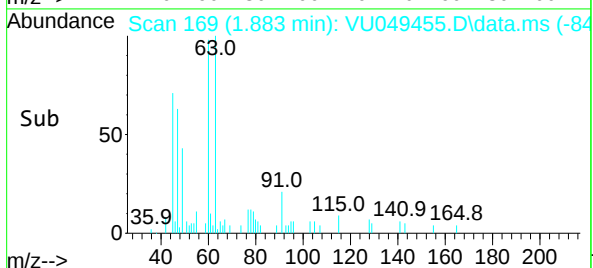
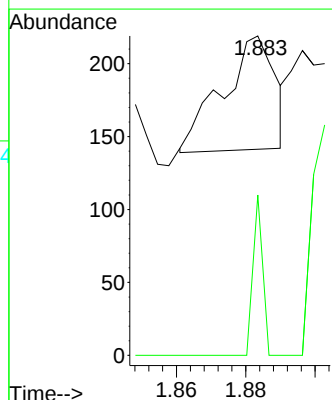
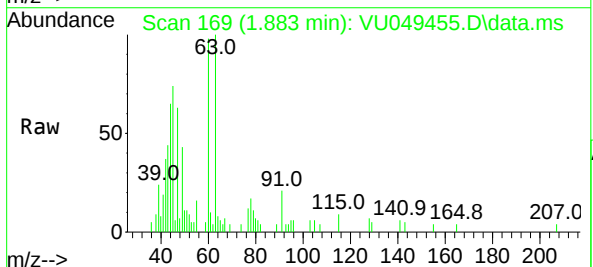
Instrument :
MSVOA_U
ClientSampleId :
SP-EXC-2-3-GR

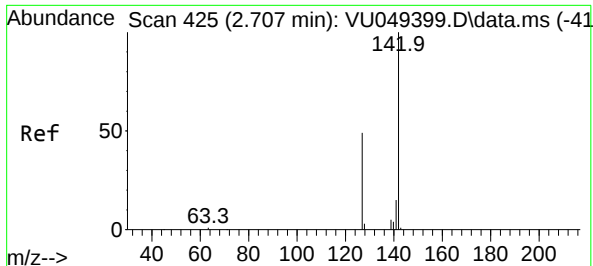
Tgt Ion: 94 Resp: 732
Ion Ratio Lower Upper
94 100
96 100.3 73.7 110.5



#6
Chloroethane
Concen: 1.950 ug/l
RT: 1.883 min Scan# 169
Delta R.T. -0.026 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

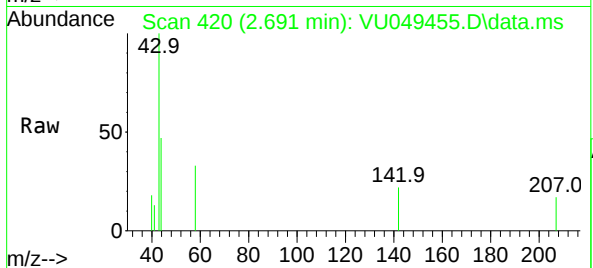
Tgt Ion: 64 Resp: 82
Ion Ratio Lower Upper
64 100
66 142.9 24.7 37.1#



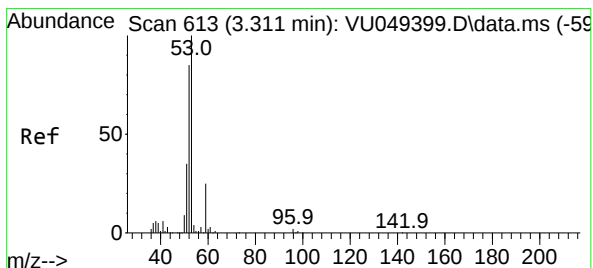
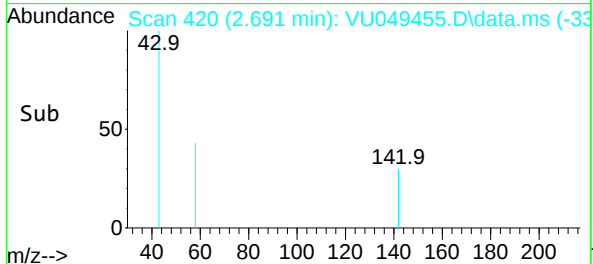
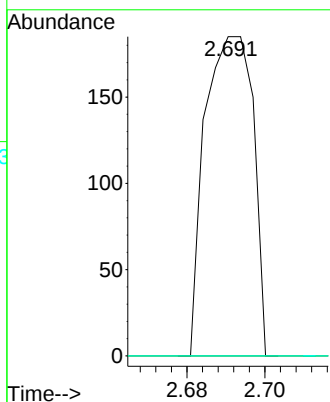


#10
Methyl Iodide
Concen: 7.554 ug/l
RT: 2.691 min Scan# 41
Delta R.T. -0.016 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

Instrument :
MSVOA_U
ClientSampleId :
SP-EXC-2-3-GR

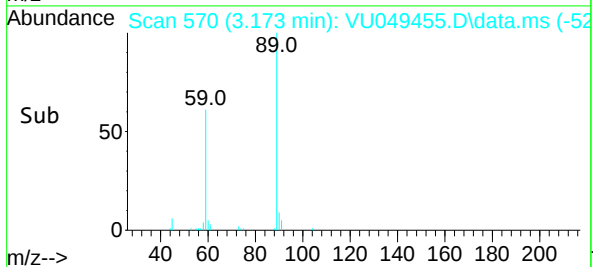
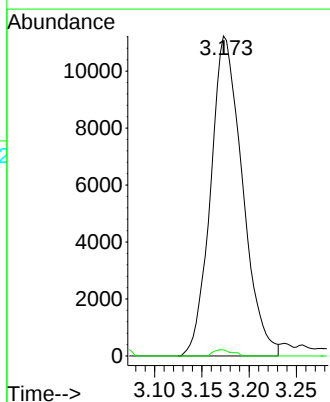
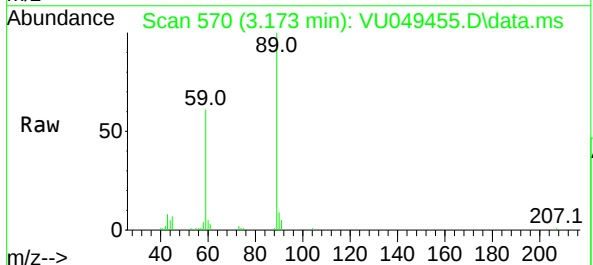


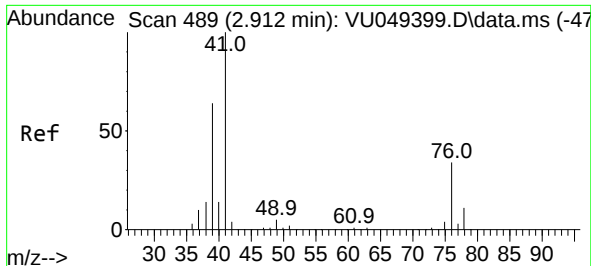
Tgt Ion:142 Resp: 159
Ion Ratio Lower Upper
142 100
127 0.0 32.5 48.7#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 23.996 ug/l
RT: 3.173 min Scan# 570
Delta R.T. -0.138 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

Tgt Ion: 59 Resp: 26268
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#

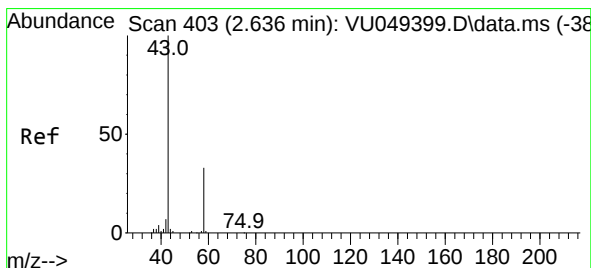
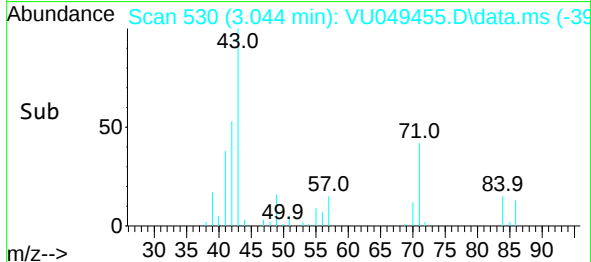
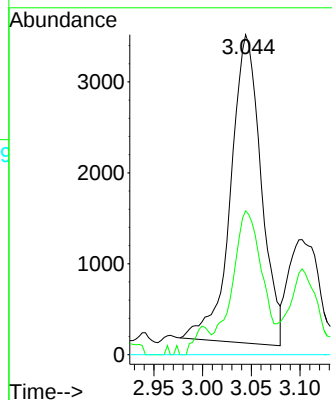
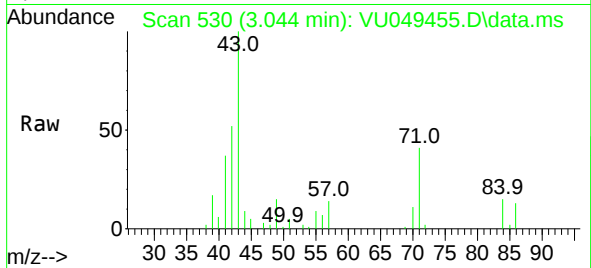




#14
Allyl chloride
Concen: 1.107 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.132 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

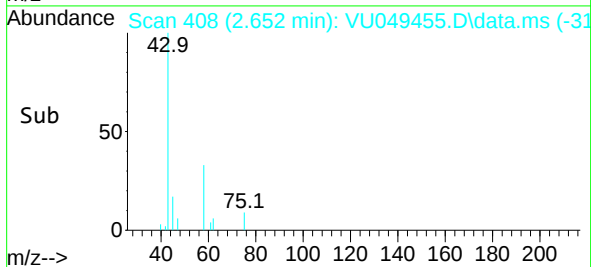
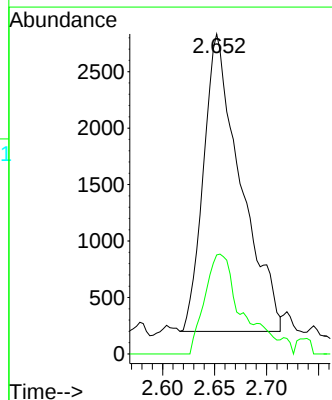
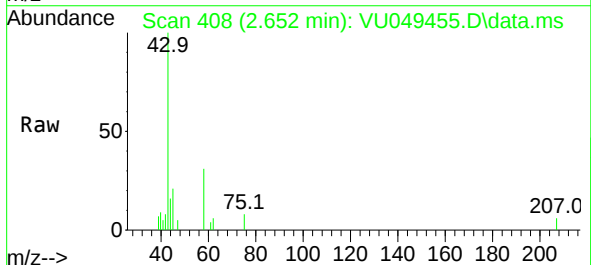
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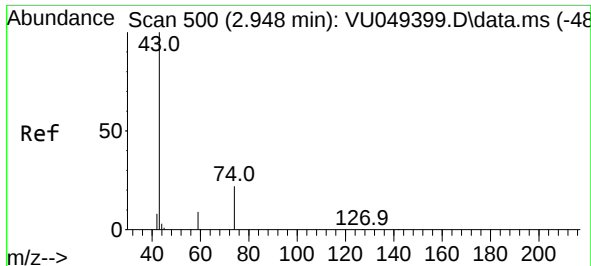
Tgt Ion: 41 Resp: 7379
Ion Ratio Lower Upper
41 100
39 45.9 53.4 80.2#
76 0.0 33.8 50.6#



#16
Acetone
Concen: 2.764 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.016 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

Tgt Ion: 43 Resp: 6519
Ion Ratio Lower Upper
43 100
58 33.3 27.5 41.3

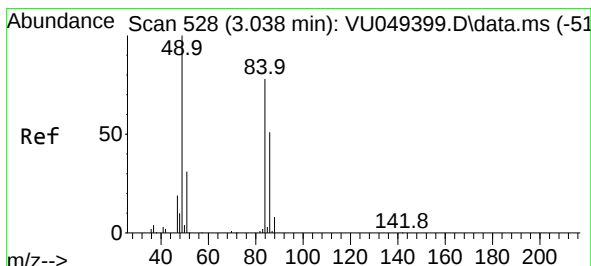
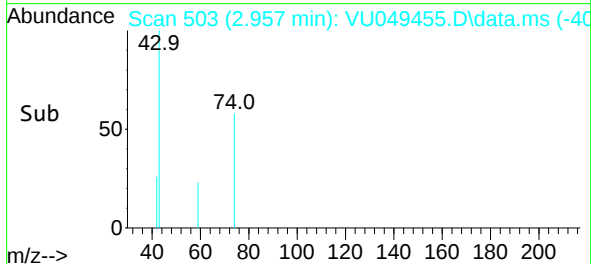
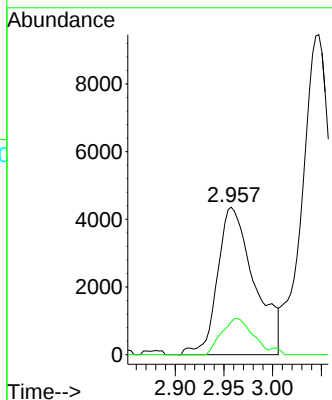
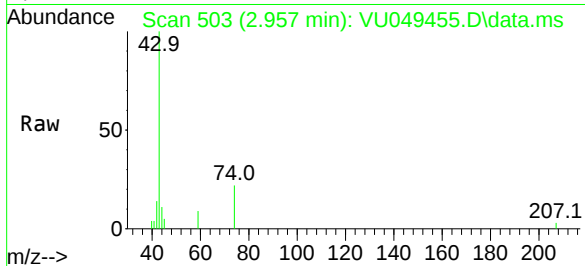




#18
Methyl Acetate
Concen: 1.806 ug/l
RT: 2.957 min Scan# 501
Delta R.T. 0.010 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

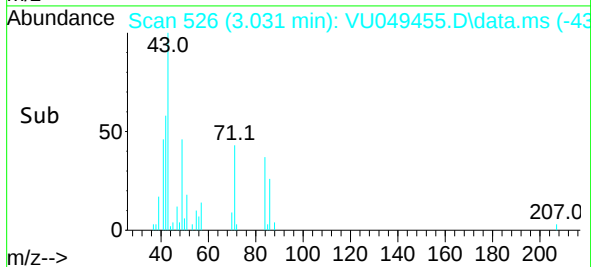
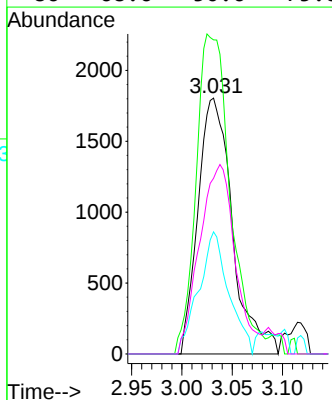
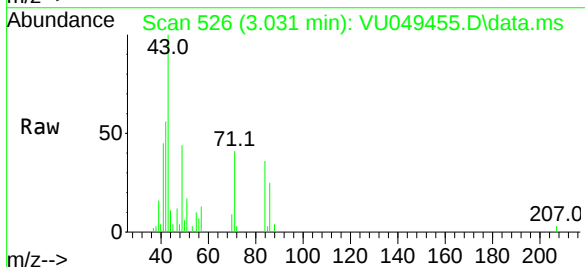
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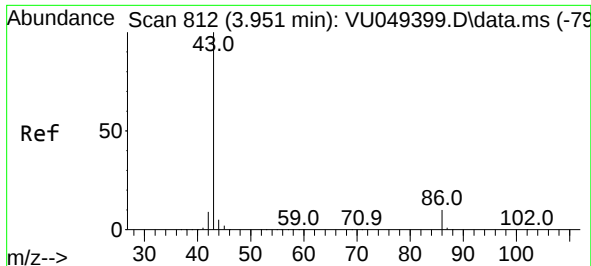
Tgt Ion: 43 Resp: 11528
Ion Ratio Lower Upper
43 100
74 20.4 22.5 33.7#



#20
Methylene Chloride
Concen: 0.357 ug/l
RT: 3.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

Tgt Ion: 84 Resp: 4295
Ion Ratio Lower Upper
84 100
49 116.4 86.6 129.8
51 47.7 26.6 40.0#
86 68.6 50.6 75.8

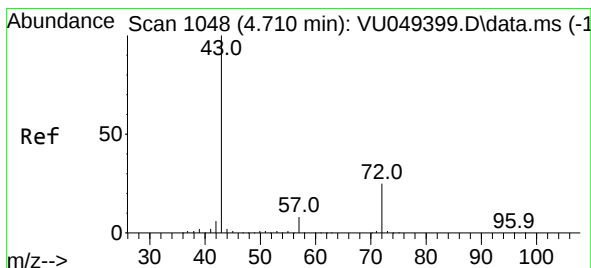
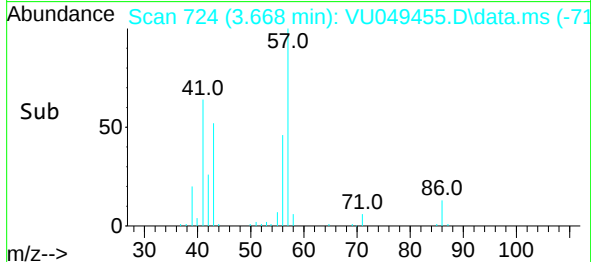
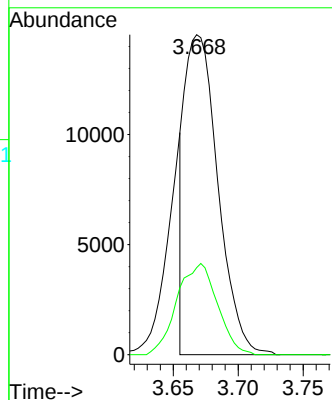
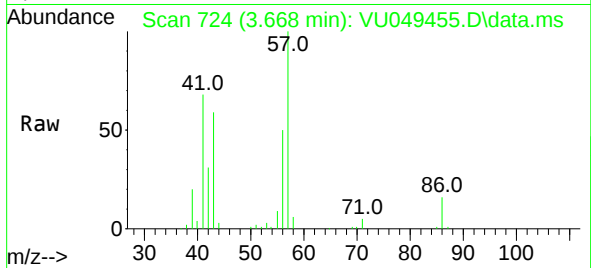




#23
 Vinyl Acetate
 Concen: 2.313 ug/l
 RT: 3.668 min Scan# 71
 Delta R.T. -0.283 min
 Lab File: VU049455.D
 Acq: 28 Jun 2022 14:00

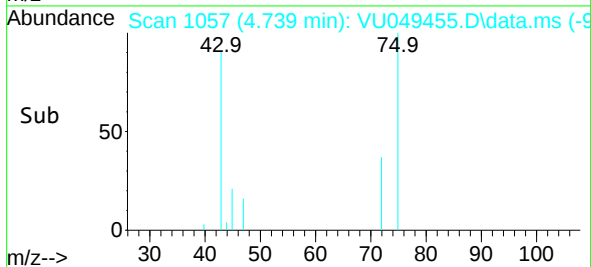
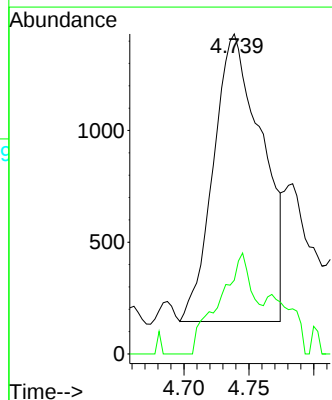
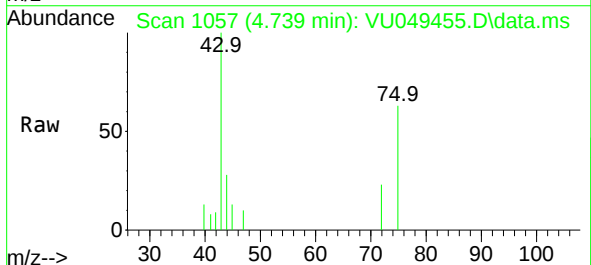
Instrument :
 MSVOA_U
 ClientSampleId :
 SP-EXC-2-3-GR

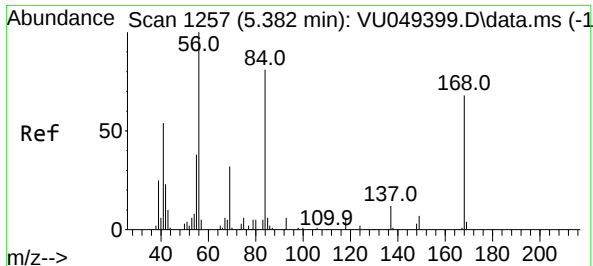
Tgt Ion: 43 Resp: 25803
 Ion Ratio Lower Upper
 43 100
 86 27.2 9.8 14.8#



#25
 2-Butanone
 Concen: 0.949 ug/l
 RT: 4.739 min Scan# 1057
 Delta R.T. 0.029 min
 Lab File: VU049455.D
 Acq: 28 Jun 2022 14:00

Tgt Ion: 43 Resp: 3353
 Ion Ratio Lower Upper
 43 100
 72 25.6 23.8 35.6

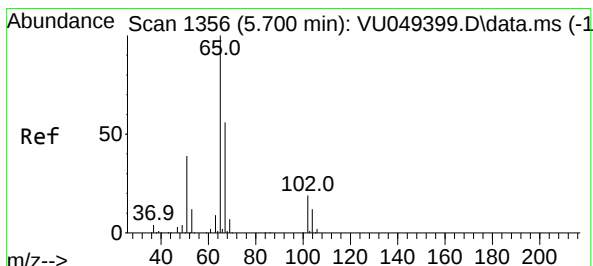
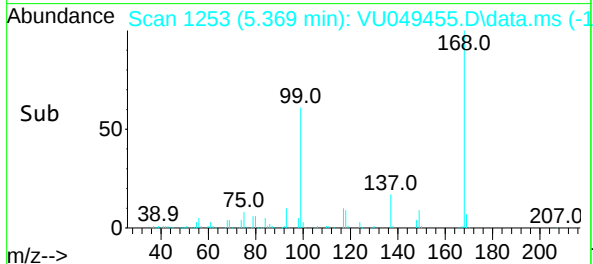
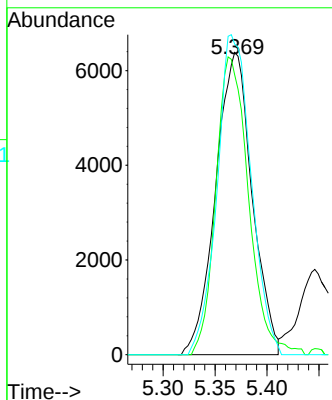
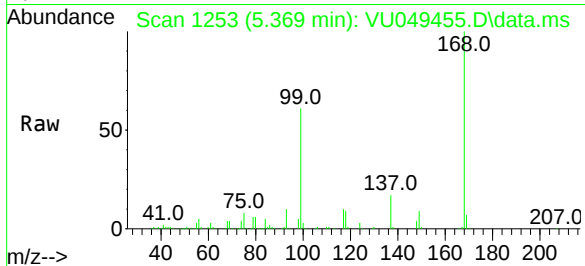




#31
Cyclohexane
Concen: 2.221 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

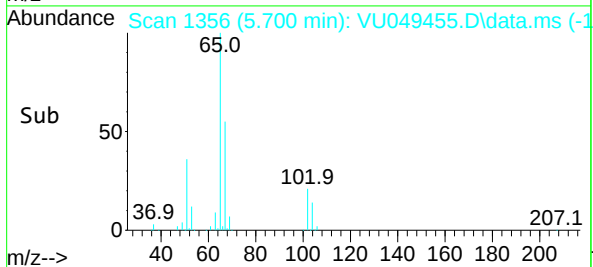
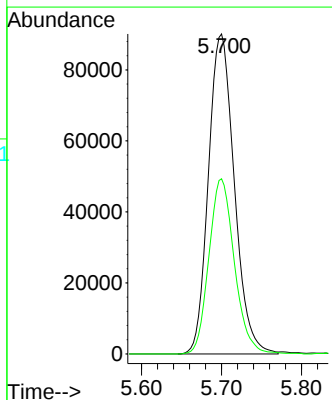
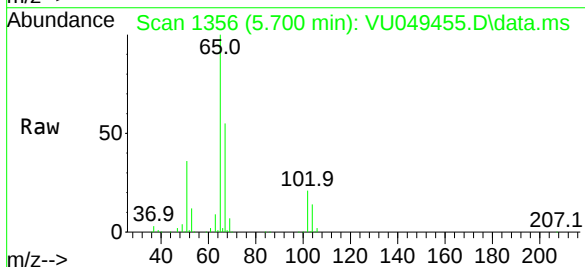
Instrument :
MSVOA_U
ClientSampleId :
SP-EXC-2-3-GR

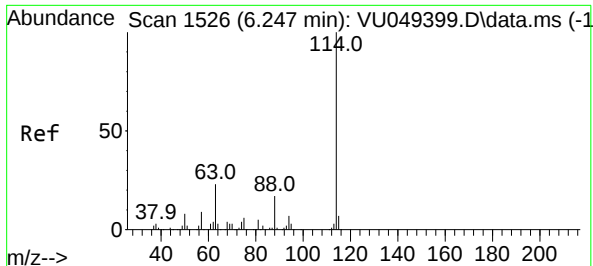
Tgt Ion: 56 Resp: 15598
Ion Ratio Lower Upper
56 100
69 92.6 27.8 41.8#
84 102.8 74.2 111.4



#33
1,2-Dichloroethane-d4
Concen: 43.377 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

Tgt Ion: 65 Resp: 202869
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049455.D

Acq: 28 Jun 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

SP-EXC-2-3-GR

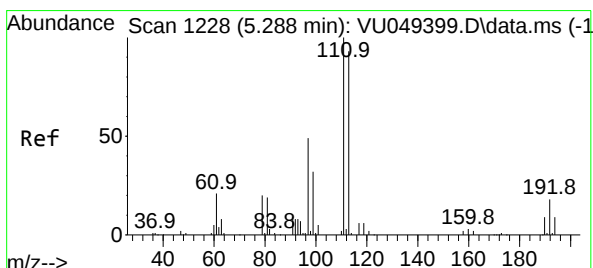
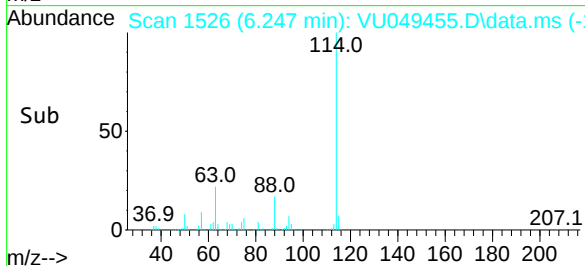
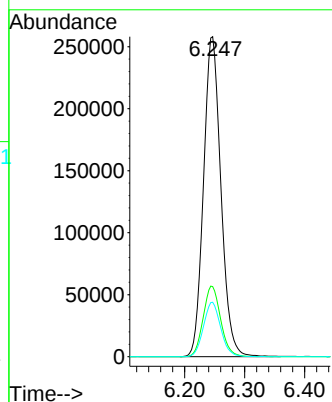
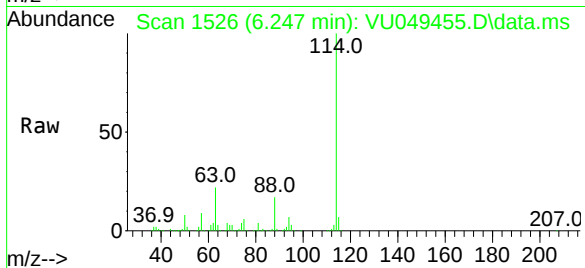
Tgt Ion:114 Resp: 521309

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.8

88 17.0 0.0 29.2



#35

Dibromofluoromethane

Concen: 43.594 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049455.D

Acq: 28 Jun 2022 14:00

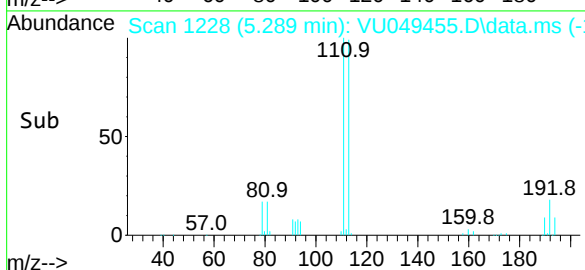
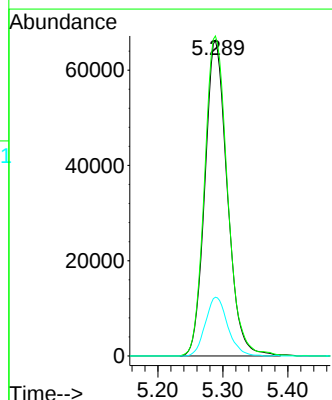
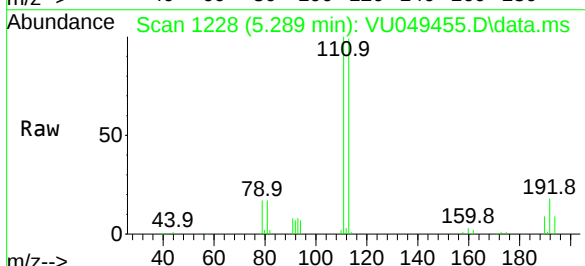
Tgt Ion:113 Resp: 158997

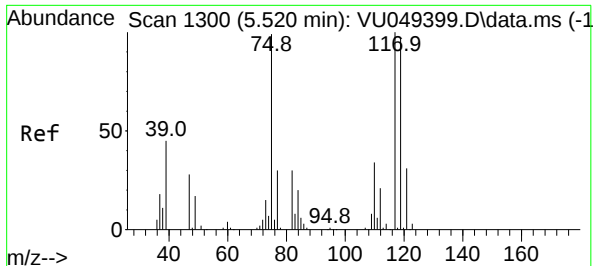
Ion Ratio Lower Upper

113 100

111 104.1 82.1 123.1

192 18.6 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.622 ug/l

RT: 5.366 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU049455.D

Acq: 28 Jun 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

SP-EXC-2-3-GR

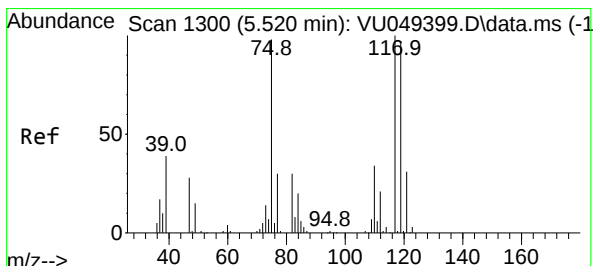
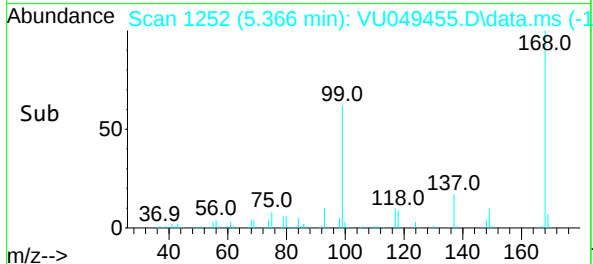
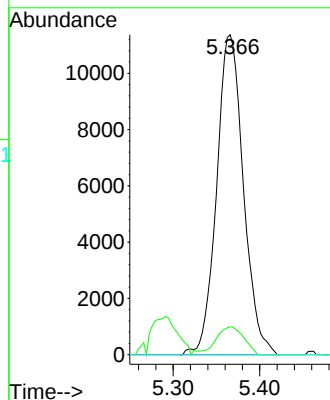
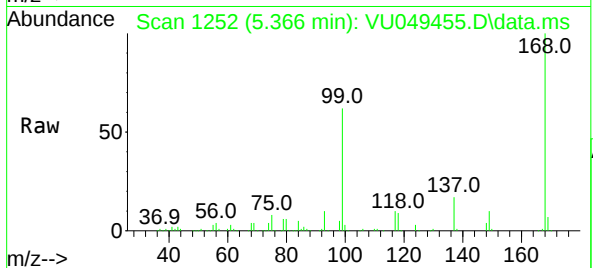
Tgt Ion: 75 Resp: 24444

Ion Ratio Lower Upper

75 100

110 8.9 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.551 ug/l

RT: 5.366 min Scan# 1252

Delta R.T. -0.154 min

Lab File: VU049455.D

Acq: 28 Jun 2022 14:00

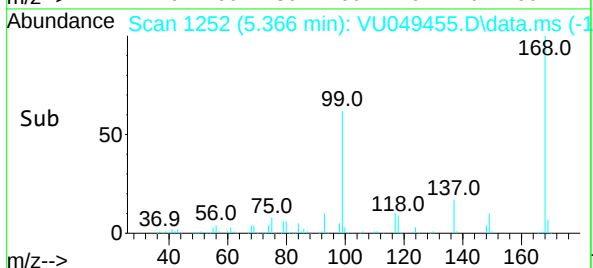
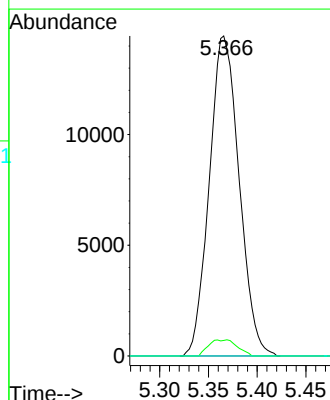
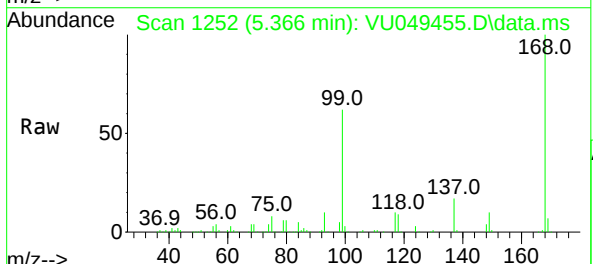
Tgt Ion: 117 Resp: 30786

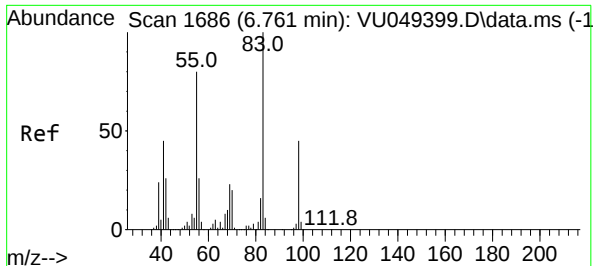
Ion Ratio Lower Upper

117 100

119 4.8 76.8 115.2#

121 0.0 24.7 37.1#





#39

Methylcyclohexane

Concen: 3.561 ug/l

RT: 6.755 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU049455.D

Acq: 28 Jun 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

SP-EXC-2-3-GR

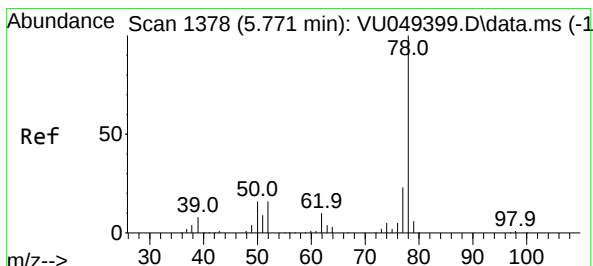
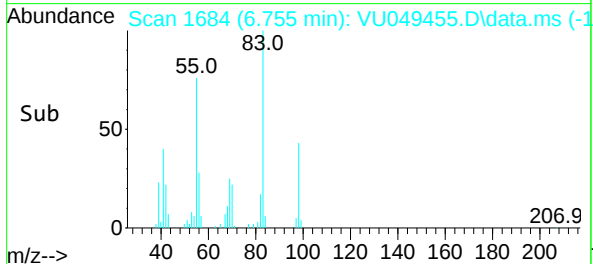
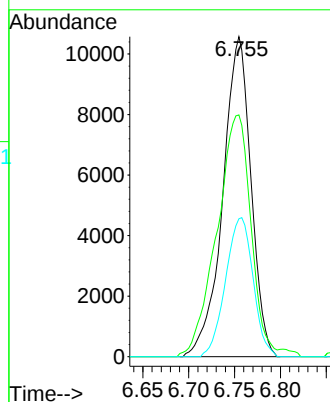
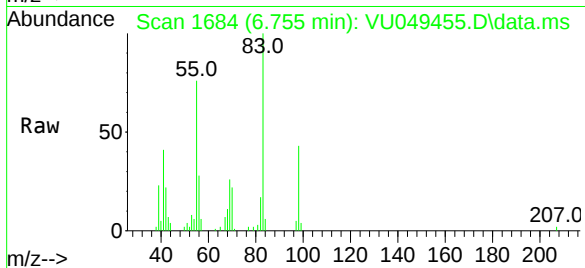
Tgt Ion: 83 Resp: 22572

Ion Ratio Lower Upper

83 100

55 74.5 55.3 82.9

98 43.1 37.3 55.9



#40

Benzene

Concen: 4.205 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. -0.003 min

Lab File: VU049455.D

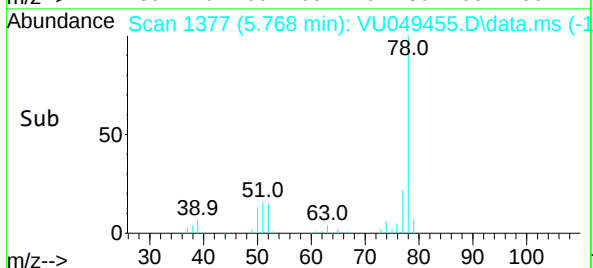
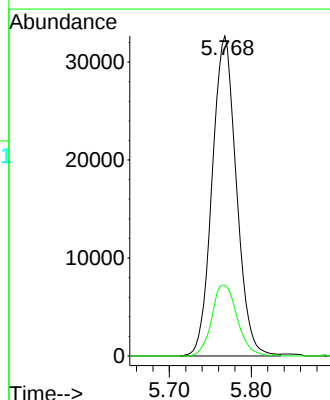
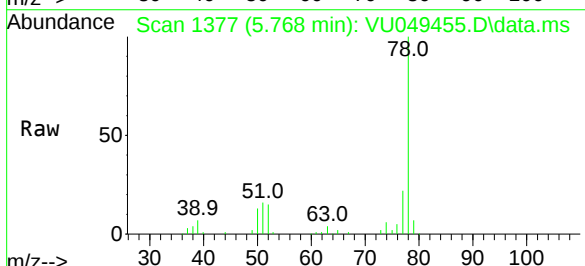
Acq: 28 Jun 2022 14:00

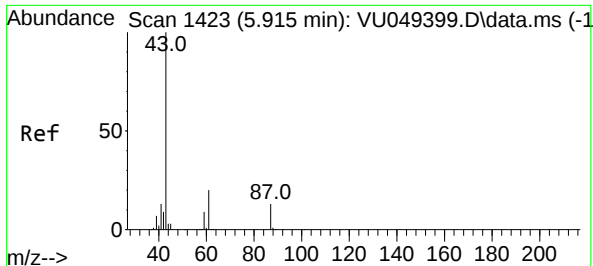
Tgt Ion: 78 Resp: 67142

Ion Ratio Lower Upper

78 100

77 22.1 18.8 28.2





#43

Isopropyl Acetate

Concen: 0.206 ug/l

RT: 5.835 min Scan# 11

Delta R.T. -0.080 min

Lab File: VU049455.D

Acq: 28 Jun 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

SP-EXC-2-3-GR

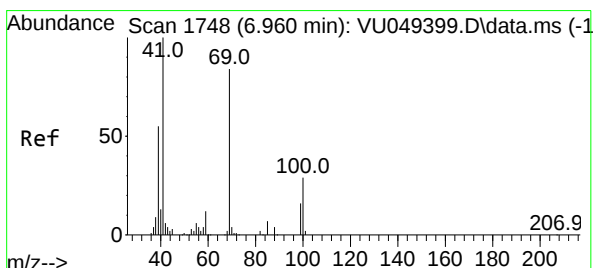
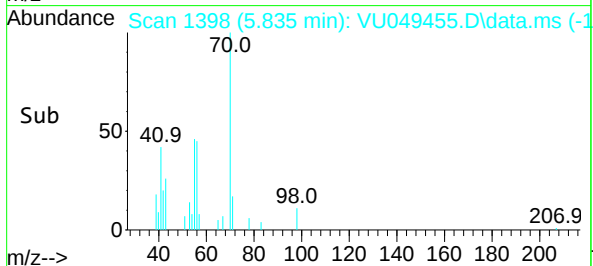
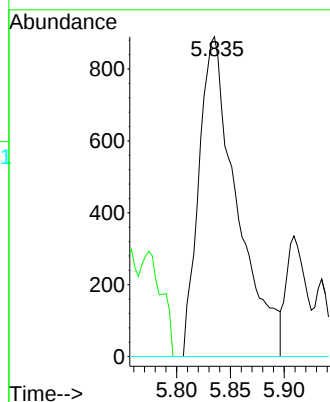
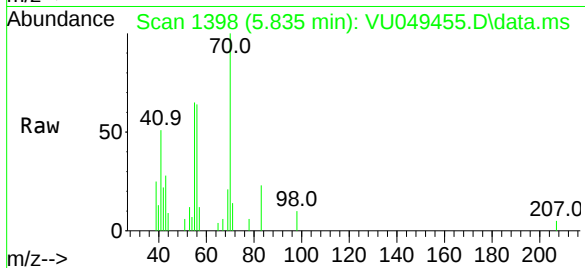
Tgt Ion: 43 Resp: 2185

Ion Ratio Lower Upper

43 100

61 0.0 17.4 26.0#

87 0.0 12.6 18.8#



#48

Methyl methacrylate

Concen: 0.598 ug/l

RT: 6.980 min Scan# 1754

Delta R.T. 0.019 min

Lab File: VU049455.D

Acq: 28 Jun 2022 14:00

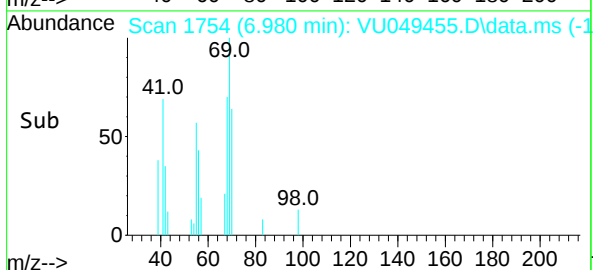
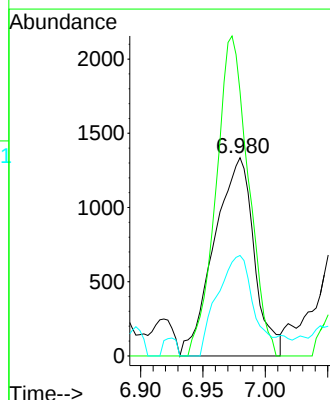
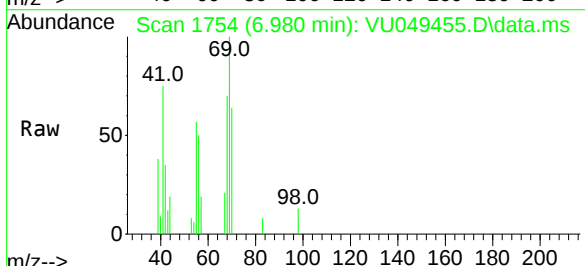
Tgt Ion: 41 Resp: 2968

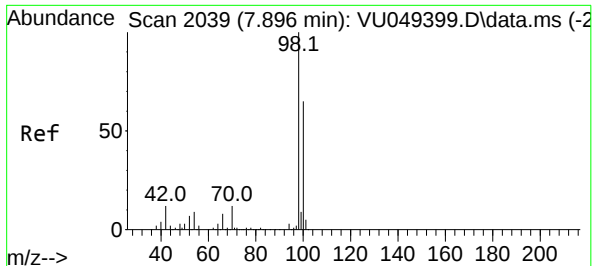
Ion Ratio Lower Upper

41 100

69 131.8 79.8 119.6#

39 46.8 47.9 71.9#

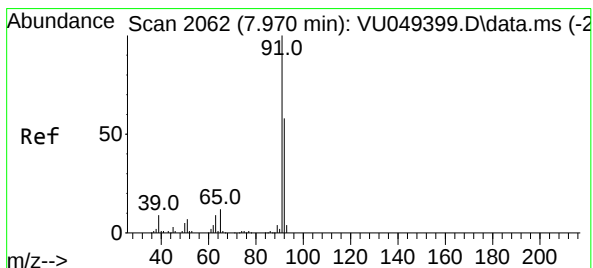
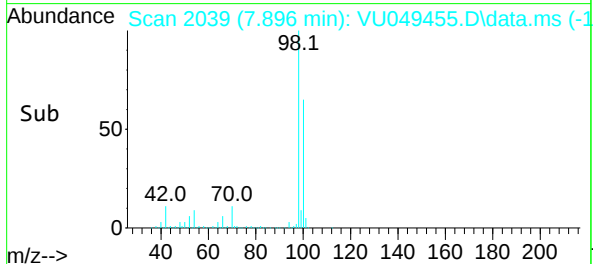
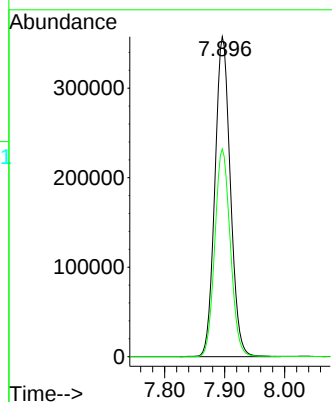
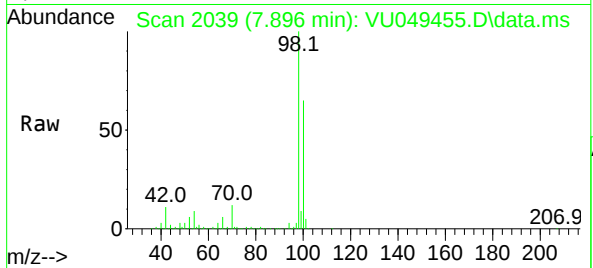




#50
Toluene-d8
Concen: 49.164 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

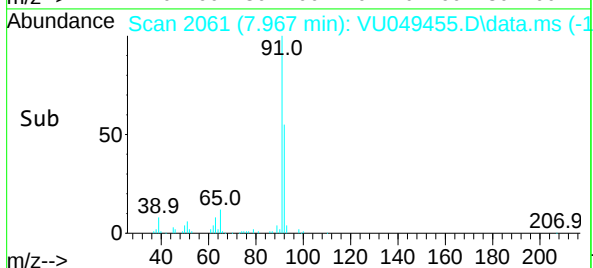
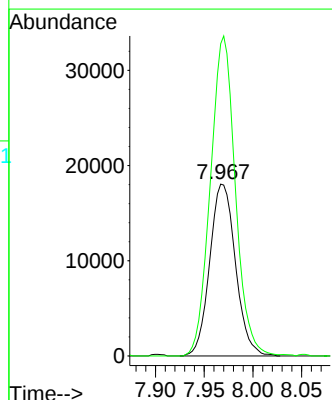
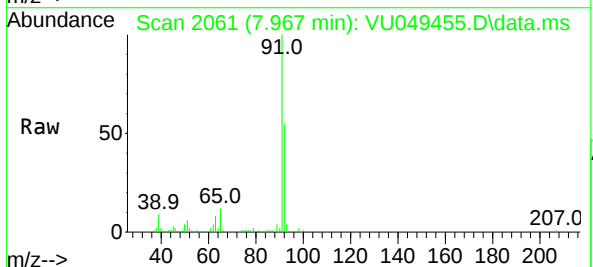
Instrument :
MSVOA_U
ClientSampleId :
SP-EXC-2-3-GR

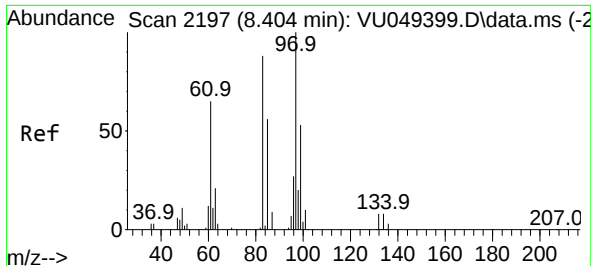
Tgt Ion: 98 Resp: 639553
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#52
Toluene
Concen: 3.499 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

Tgt Ion: 92 Resp: 33207
Ion Ratio Lower Upper
92 100
91 180.1 138.2 207.4

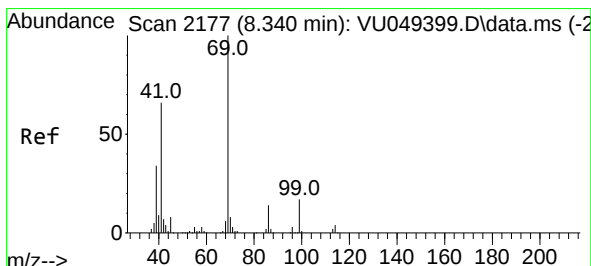
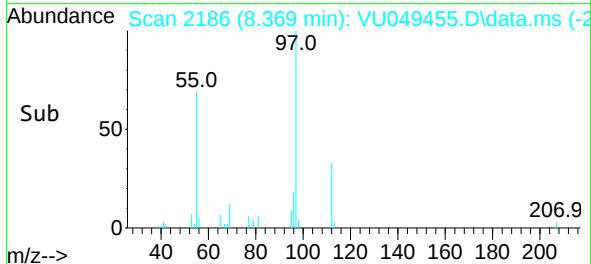
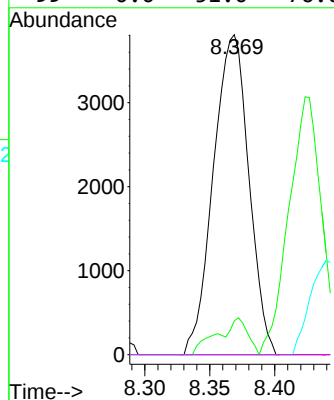
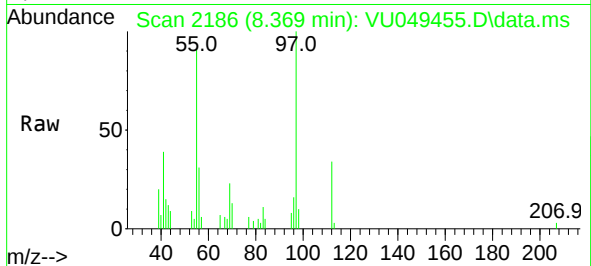




#55
1,1,2-Trichloroethane
Concen: 1.844 ug/l
RT: 8.369 min Scan# 2186
Delta R.T. -0.035 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

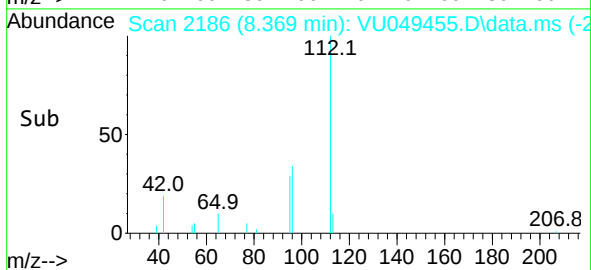
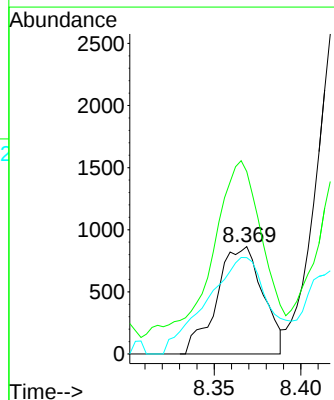
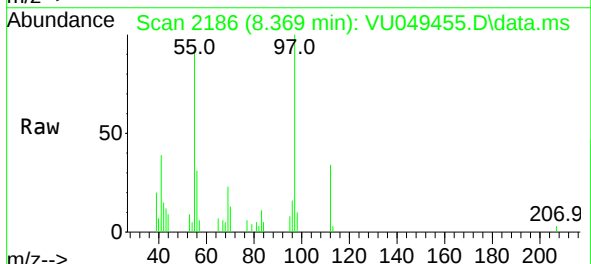
Instrument :
MSVOA_U
ClientSampleId :
SP-EXC-2-3-GR

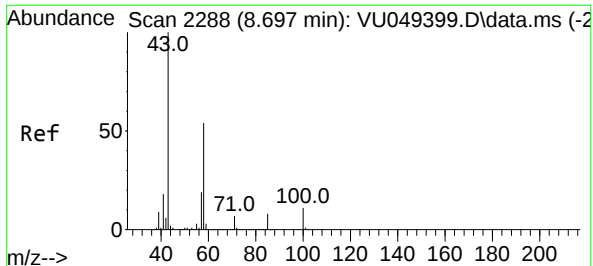
Tgt Ion: 97	Resp: 7235
Ion Ratio	Lower Upper
97 100	
83 10.6	70.2 105.4#
85 0.0	44.6 66.8#
99 0.0	51.0 76.6#



#56
Ethyl methacrylate
Concen: 0.244 ug/l
RT: 8.369 min Scan# 2186
Delta R.T. 0.029 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

Tgt Ion: 69	Resp: 1603
Ion Ratio	Lower Upper
69 100	
41 174.9	45.4 68.0#
39 121.8	25.7 38.5#





#59

2-Hexanone

Concen: 0.628 ug/l

RT: 8.758 min Scan# 21

Delta R.T. 0.061 min

Lab File: VU049455.D

Acq: 28 Jun 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

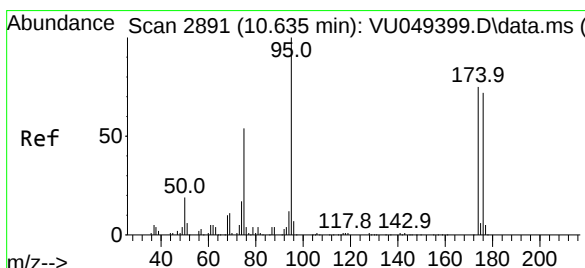
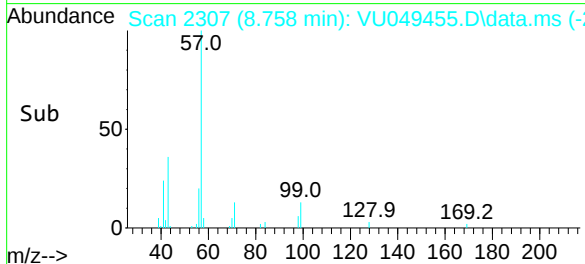
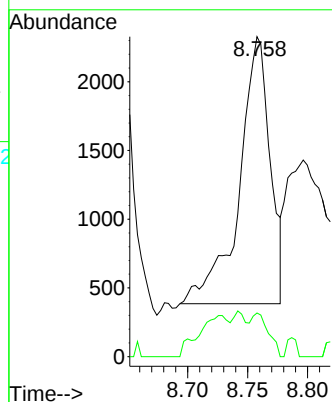
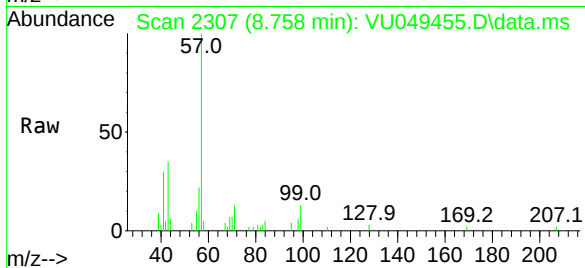
SP-EXC-2-3-GR

Tgt Ion: 43 Resp: 3502

Ion Ratio Lower Upper

43 100

58 8.6 30.3 90.8#



#62

4-Bromofluorobenzene

Concen: 49.808 ug/l

RT: 10.639 min Scan# 2892

Delta R.T. 0.003 min

Lab File: VU049455.D

Acq: 28 Jun 2022 14:00

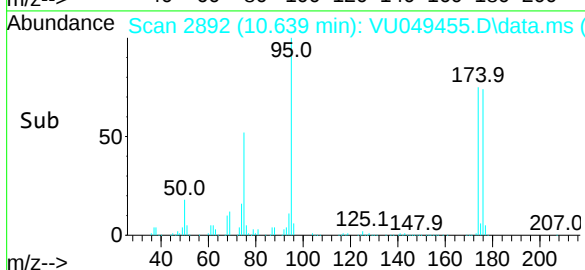
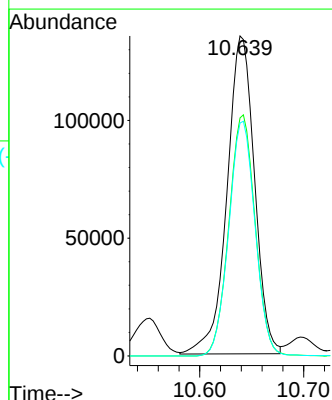
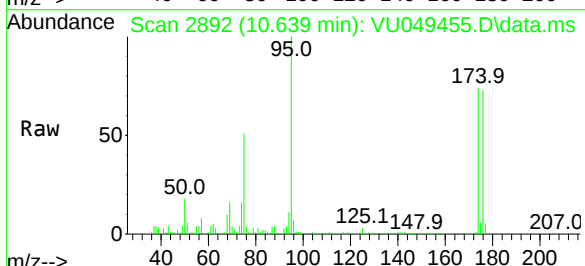
Tgt Ion: 95 Resp: 248204

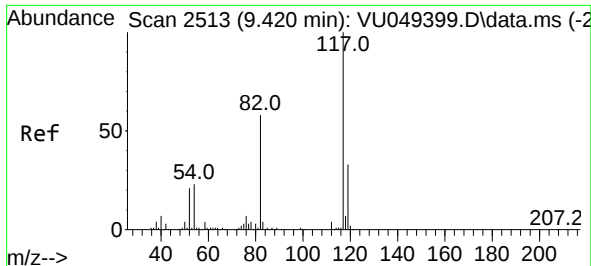
Ion Ratio Lower Upper

95 100

174 72.5 0.0 182.0

176 70.7 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: VU049455.D

Acq: 28 Jun 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

SP-EXC-2-3-GR

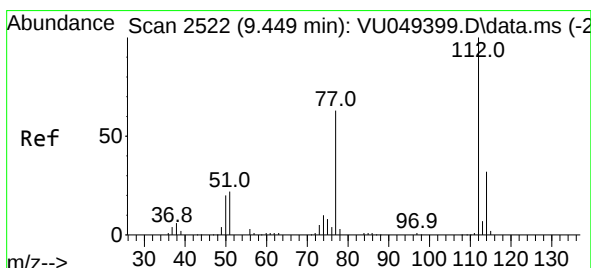
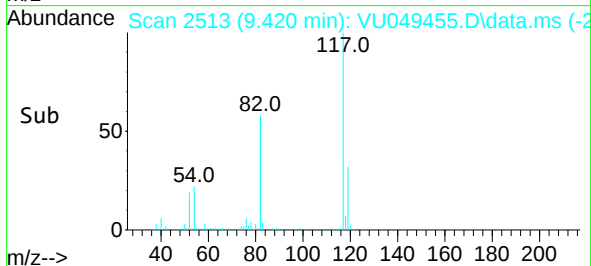
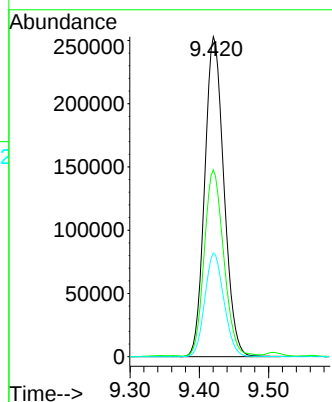
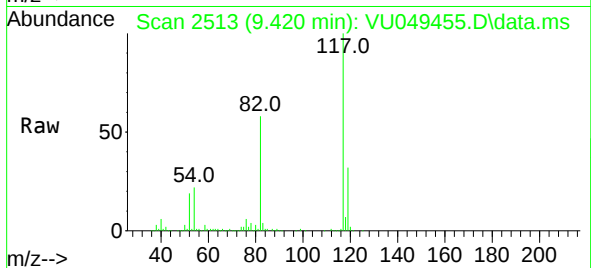
Tgt Ion:117 Resp: 486230

Ion Ratio Lower Upper

117 100

82 58.1 41.7 62.5

119 32.3 25.7 38.5



#65

Chlorobenzene

Concen: 12.204 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU049455.D

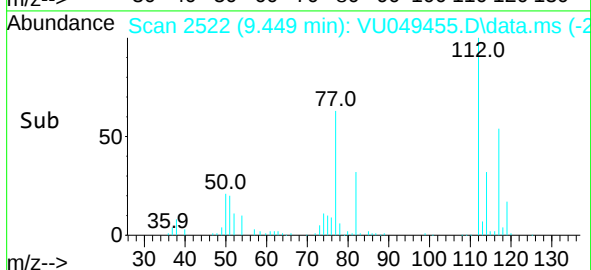
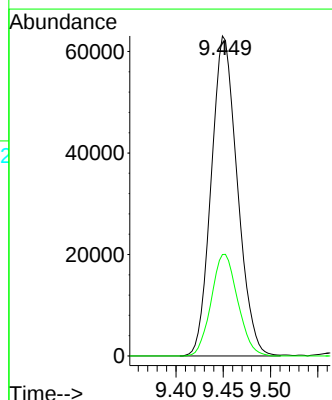
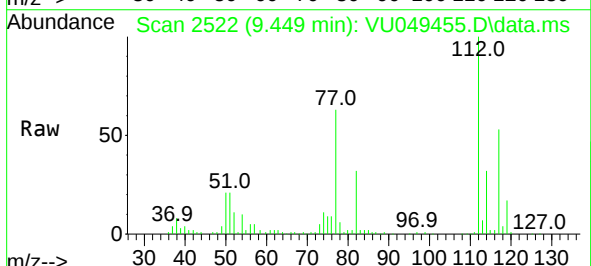
Acq: 28 Jun 2022 14:00

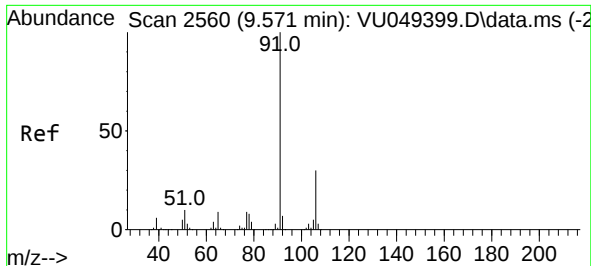
Tgt Ion:112 Resp: 121316

Ion Ratio Lower Upper

112 100

114 31.7 24.9 37.3





#67

Ethyl Benzene

Concen: 3.388 ug/l

RT: 9.575 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU049455.D

Acq: 28 Jun 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

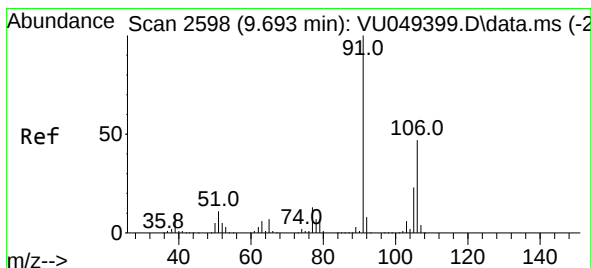
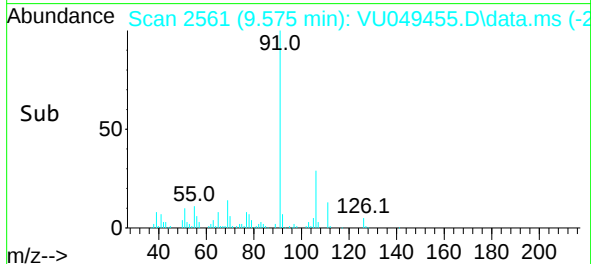
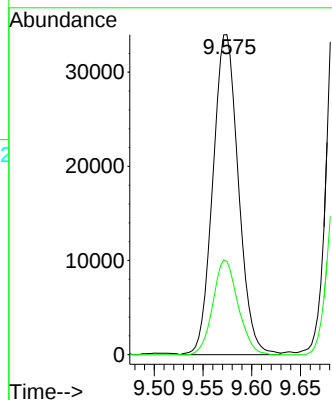
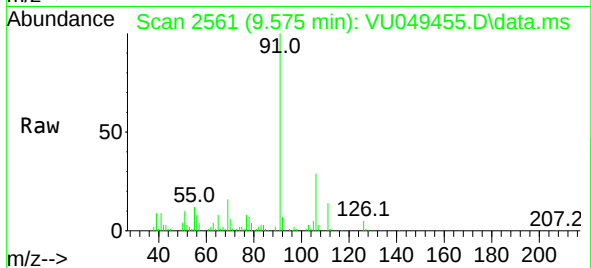
SP-EXC-2-3-GR

Tgt Ion: 91 Resp: 61835

Ion Ratio Lower Upper

91 100

106 29.2 25.6 38.4



#68

m/p-Xylenes

Concen: 9.186 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU049455.D

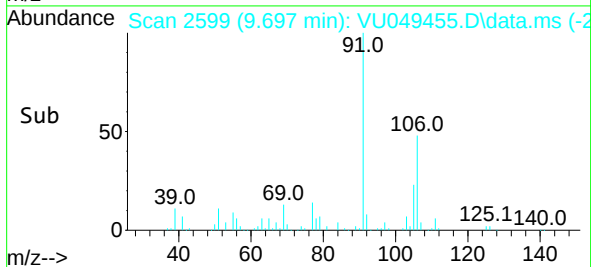
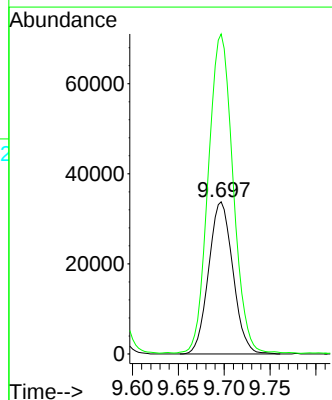
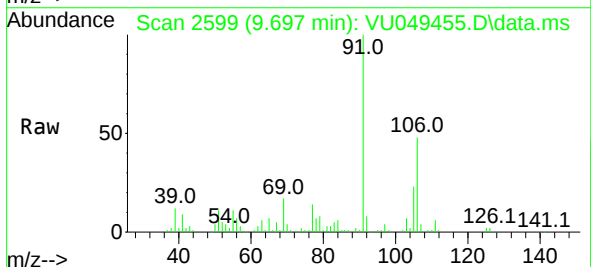
Acq: 28 Jun 2022 14:00

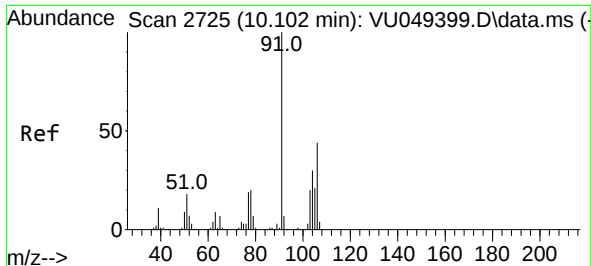
Tgt Ion: 106 Resp: 62028

Ion Ratio Lower Upper

106 100

91 214.2 157.2 235.8

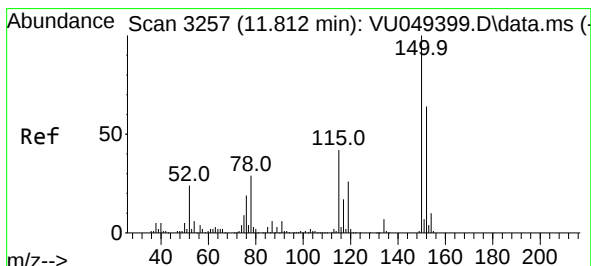
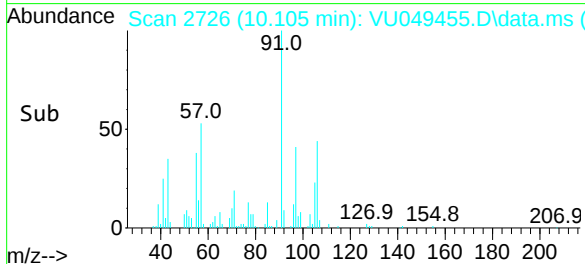
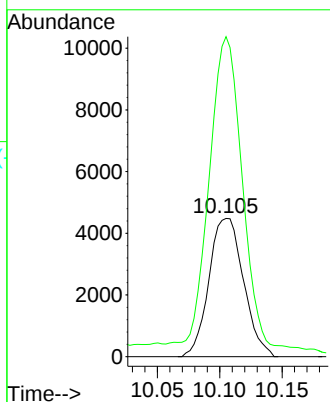
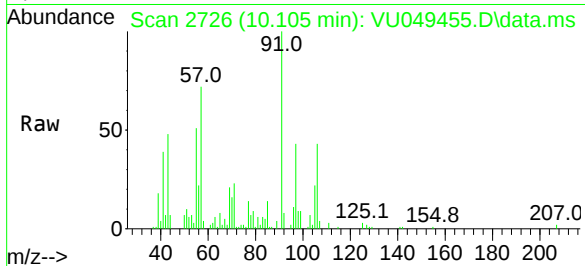




#69
o-Xylene
Concen: 1.289 ug/l
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

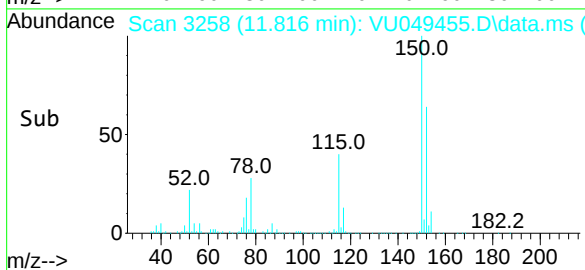
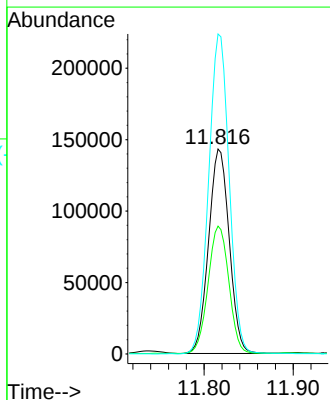
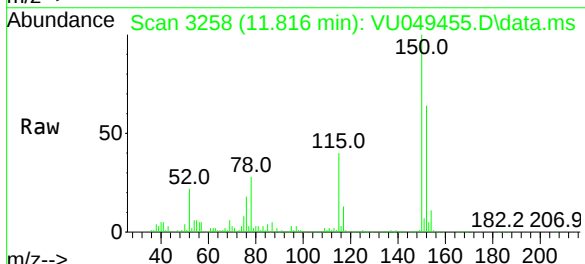
Instrument :
MSVOA_U
ClientSampleId :
SP-EXC-2-3-GR

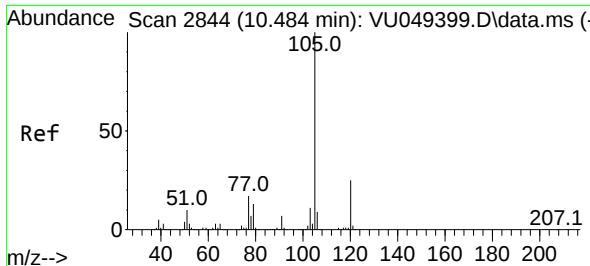
Tgt Ion:106 Resp: 8641
Ion Ratio Lower Upper
106 100
91 223.9 103.5 310.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

Tgt Ion:152 Resp: 230163
Ion Ratio Lower Upper
152 100
115 62.4 37.0 110.9
150 155.8 0.0 342.2

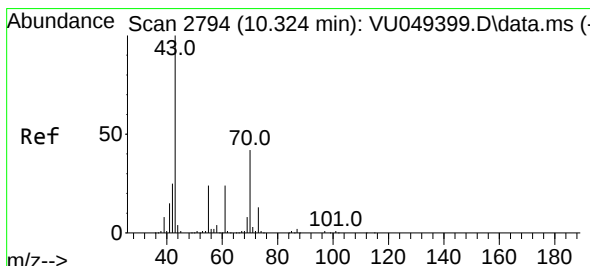
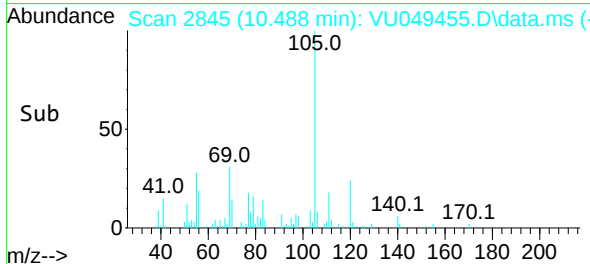
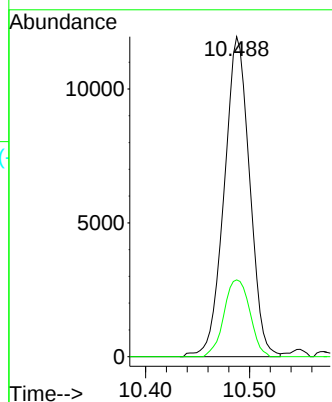
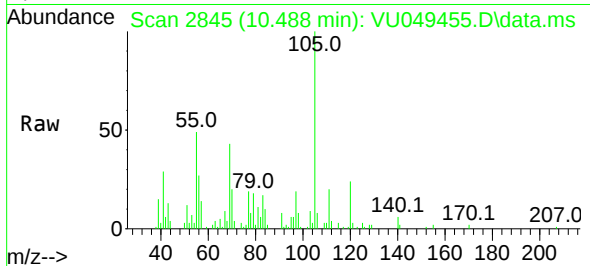




#73
Isopropylbenzene
Concen: 1.239 ug/l
RT: 10.488 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

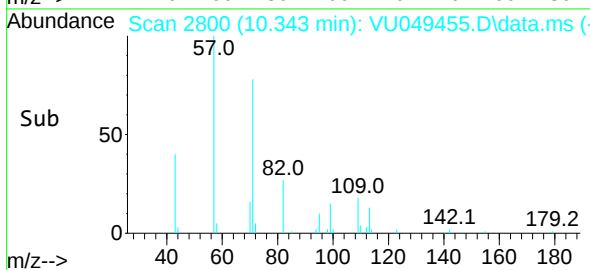
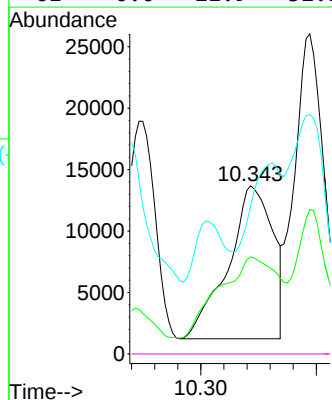
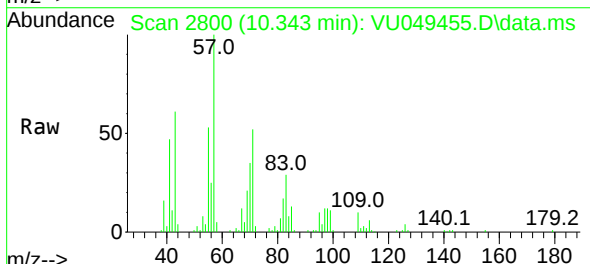
Instrument :
MSVOA_U
ClientSampleId :
SP-EXC-2-3-GR

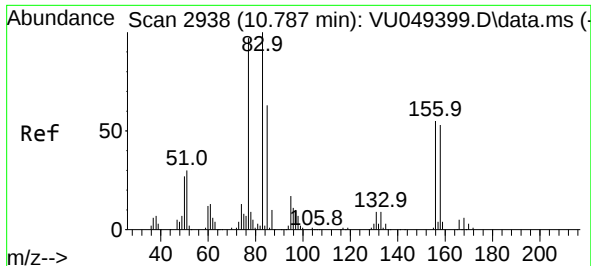
Tgt Ion:105 Resp: 20321
Ion Ratio Lower Upper
105 100
120 24.4 13.8 41.4



#74
N-ethyl acetate
Concen: 3.864 ug/l
RT: 10.343 min Scan# 2800
Delta R.T. 0.019 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

Tgt Ion: 43 Resp: 33530
Ion Ratio Lower Upper
43 100
70 77.2 38.7 58.1#
55 34.1 21.8 32.8#
61 0.0 21.9 32.9#

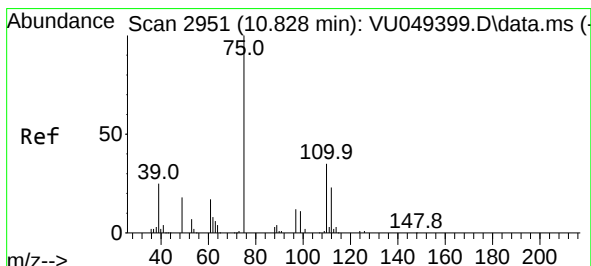
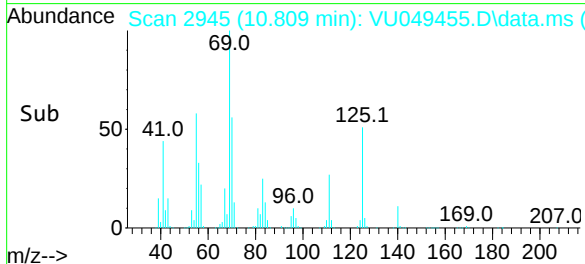
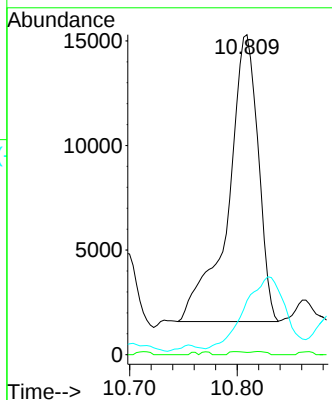
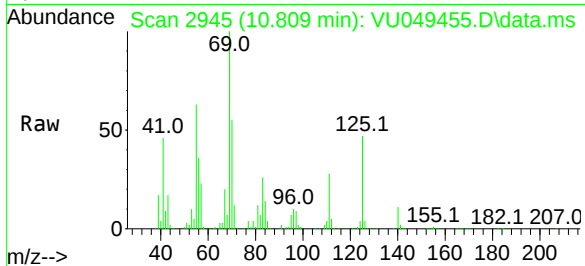




#75
 1,1,2,2-Tetrachloroethane
 Concen: 3.864 ug/l
 RT: 10.809 min Scan# 2892
 Delta R.T. 0.023 min
 Lab File: VU049455.D
 Acq: 28 Jun 2022 14:00

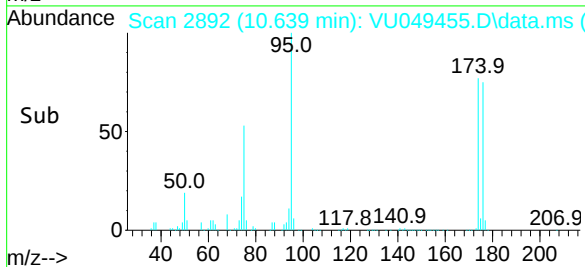
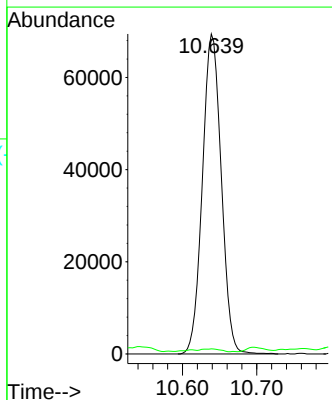
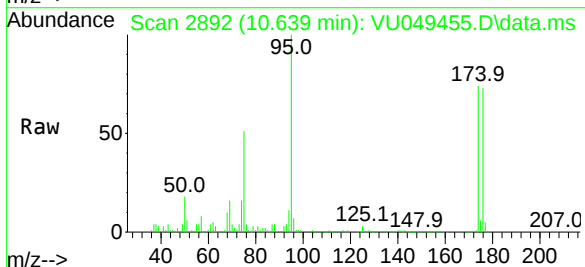
Instrument :
 MSVOA_U
 ClientSampleId :
 SP-EXC-2-3-GR

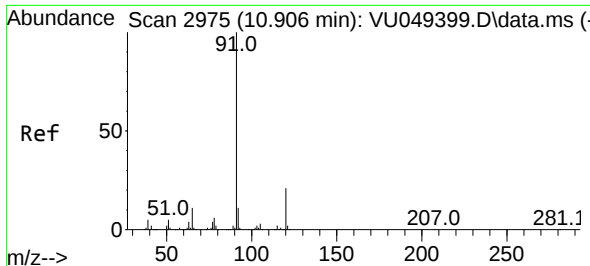
Tgt Ion: 83 Resp: 26836
 Ion Ratio Lower Upper
 83 100
 131 0.5 5.1 15.4#
 85 33.4 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 15.687 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.190 min
 Lab File: VU049455.D
 Acq: 28 Jun 2022 14:00

Tgt Ion: 75 Resp: 122396
 Ion Ratio Lower Upper
 75 100
 77 0.9 15.8 47.3#

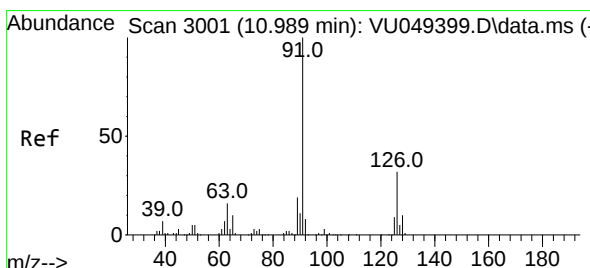
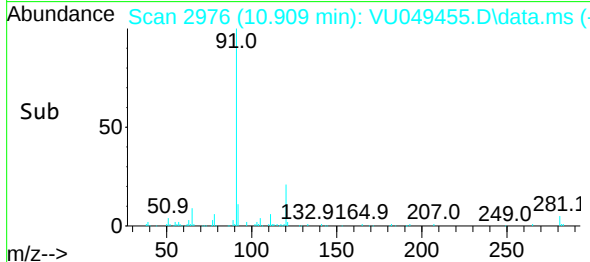
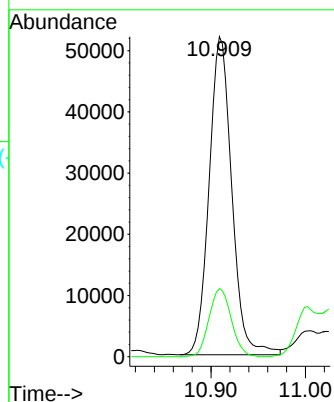
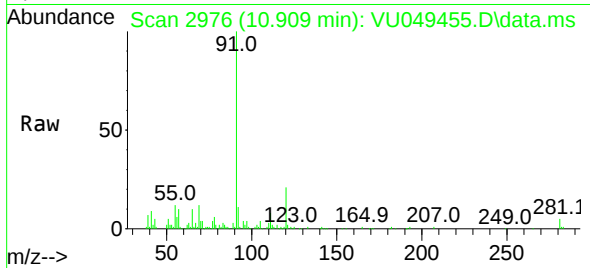




#78
n-propylbenzene
Concen: 4.347 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

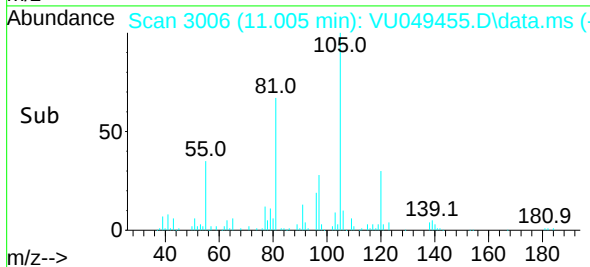
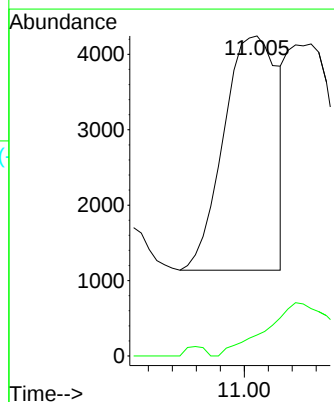
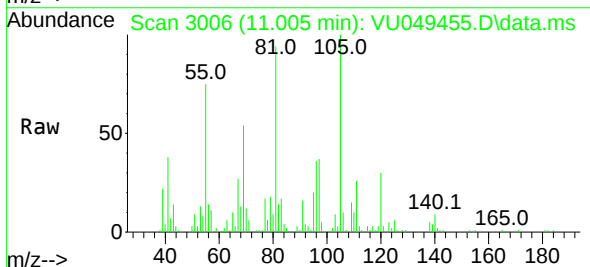
Instrument :
MSVOA_U
ClientSampleId :
SP-EXC-2-3-GR

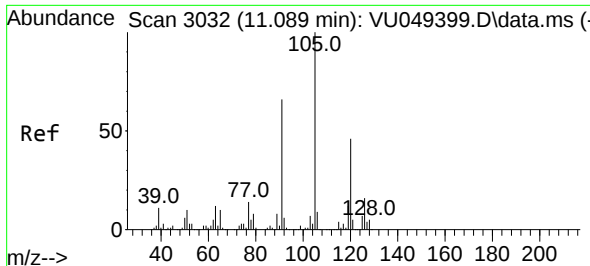
Tgt Ion: 91 Resp: 86613
Ion Ratio Lower Upper
91 100
120 21.0 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.396 ug/l
RT: 11.005 min Scan# 3006
Delta R.T. 0.016 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

Tgt Ion: 91 Resp: 4859
Ion Ratio Lower Upper
91 100
126 29.9 18.4 55.0

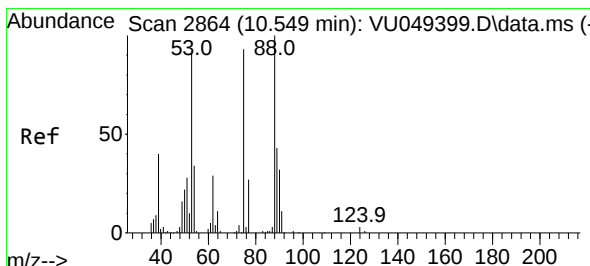
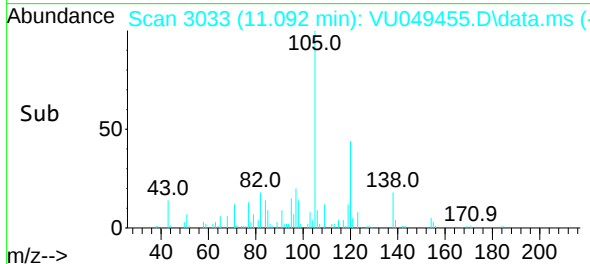
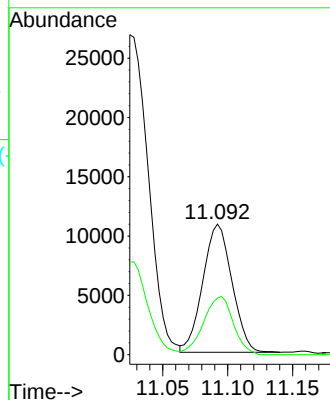
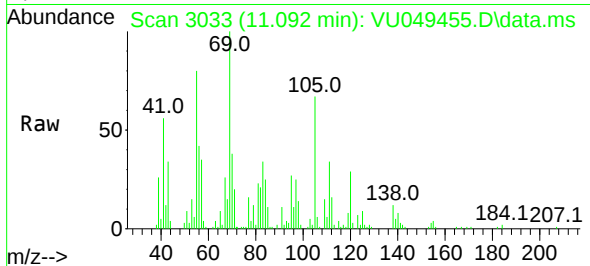




#80
1,3,5-Trimethylbenzene
Concen: 1.178 ug/l
RT: 11.092 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

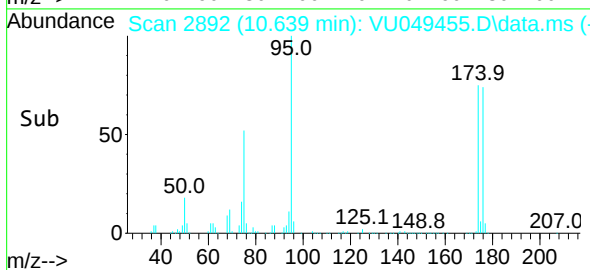
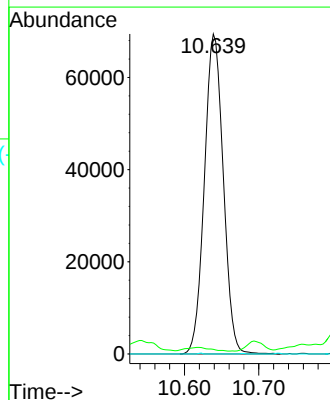
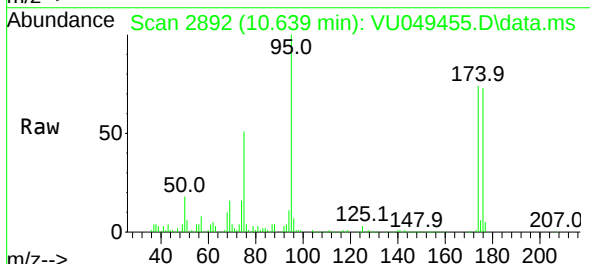
Instrument :
MSVOA_U
ClientSampleId :
SP-EXC-2-3-GR

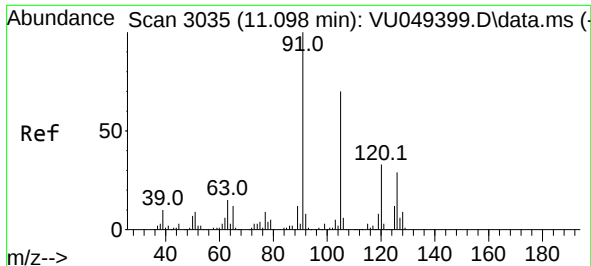
Tgt Ion:105 Resp: 16855
Ion Ratio Lower Upper
105 100
120 46.4 25.3 75.9



#81
trans-1,4-Dichloro-2-butene
Concen: 57.931 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.090 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

Tgt Ion: 75 Resp: 122396
Ion Ratio Lower Upper
75 100
53 1.4 69.2 103.8#
89 0.1 37.0 55.6#

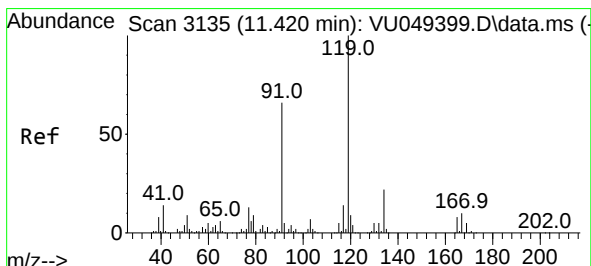
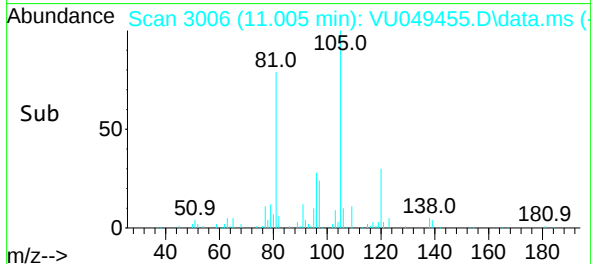
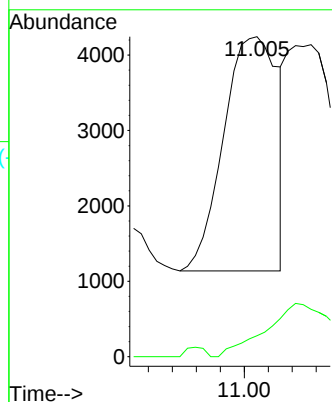
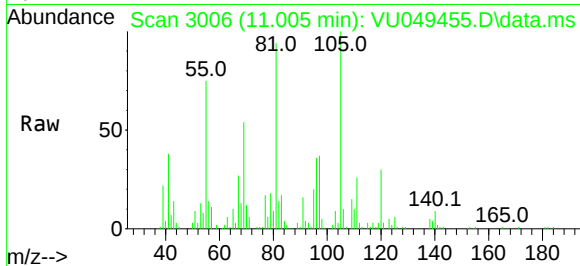




#82
4-Chlorotoluene
Concen: 0.352 ug/l
RT: 11.005 min Scan# 3035
Delta R.T. -0.093 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

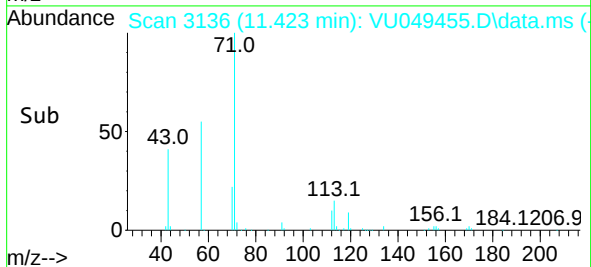
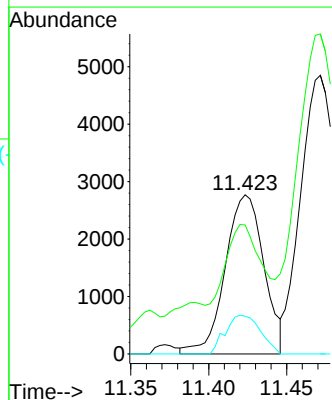
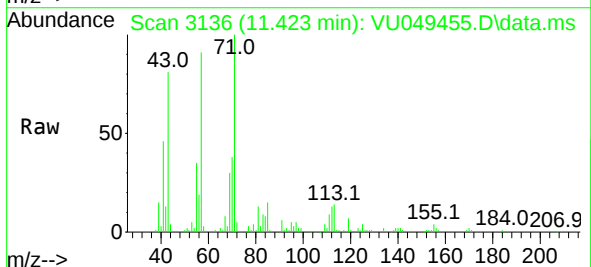
Instrument :
MSVOA_U
ClientSampleId :
SP-EXC-2-3-GR

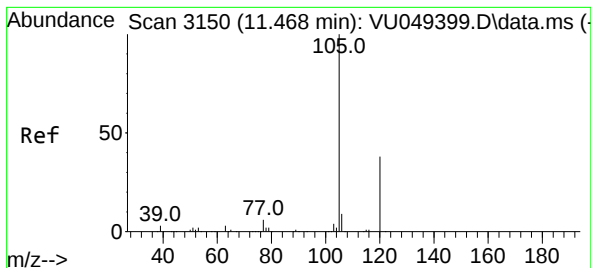
Tgt Ion: 91 Resp: 4859
Ion Ratio Lower Upper
91 100
126 29.9 16.1 48.2



#83
tert-Butylbenzene
Concen: 0.340 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

Tgt Ion: 119 Resp: 4787
Ion Ratio Lower Upper
119 100
91 53.6 26.8 80.3
134 21.9 11.5 34.5





#84

1,2,4-Trimethylbenzene

Concen: 4.977 ug/l

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU049455.D

Acq: 28 Jun 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

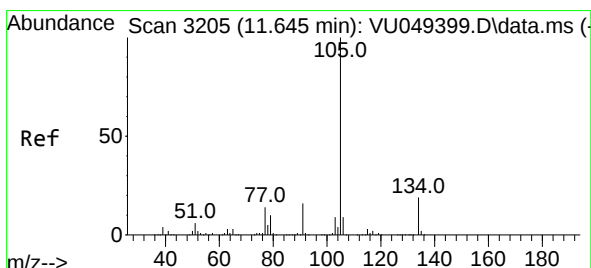
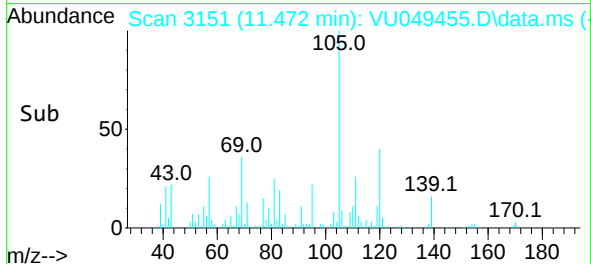
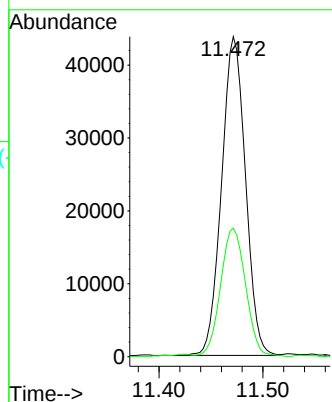
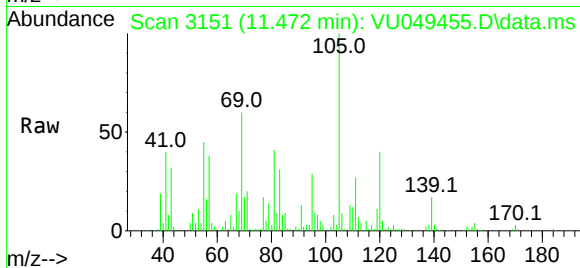
SP-EXC-2-3-GR

Tgt Ion:105 Resp: 69984

Ion Ratio Lower Upper

105 100

120 42.3 23.4 70.3



#85

sec-Butylbenzene

Concen: 1.083 ug/l

RT: 11.648 min Scan# 3206

Delta R.T. 0.003 min

Lab File: VU049455.D

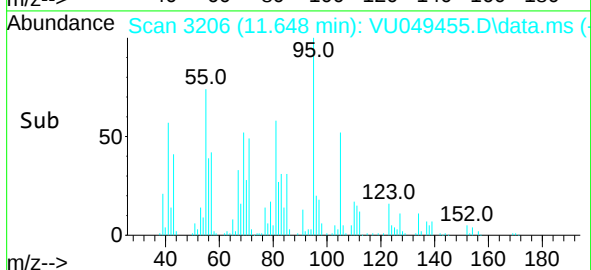
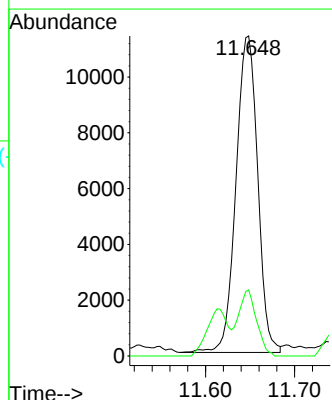
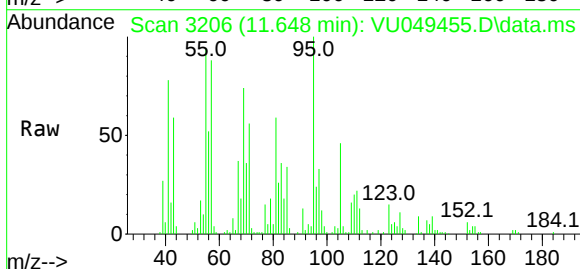
Acq: 28 Jun 2022 14:00

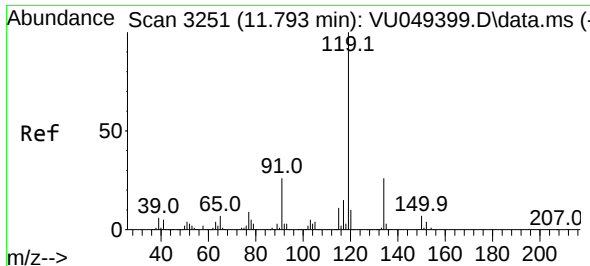
Tgt Ion:105 Resp: 19169

Ion Ratio Lower Upper

105 100

134 17.5 10.4 31.1

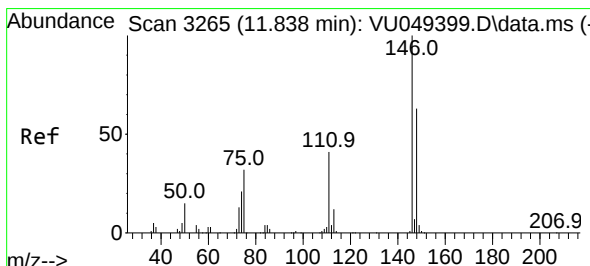
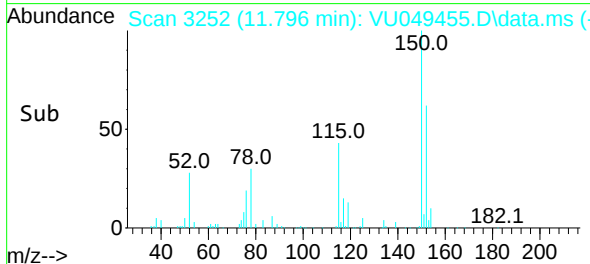
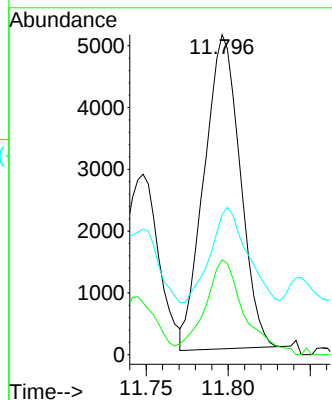
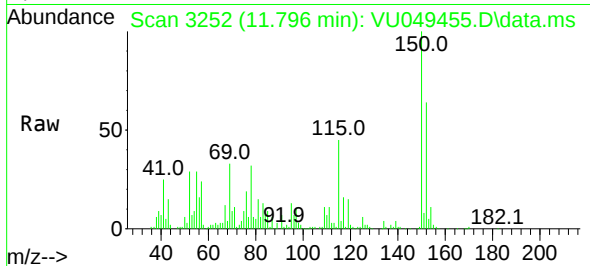




#86
p-Isopropyltoluene
Concen: 0.540 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

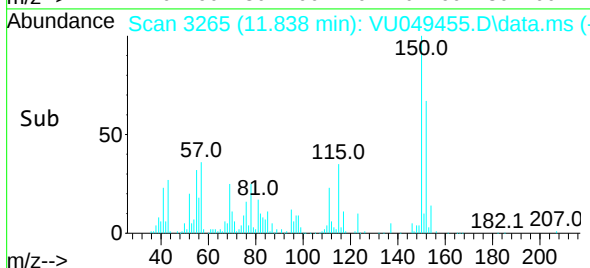
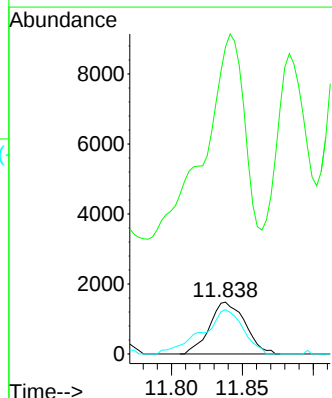
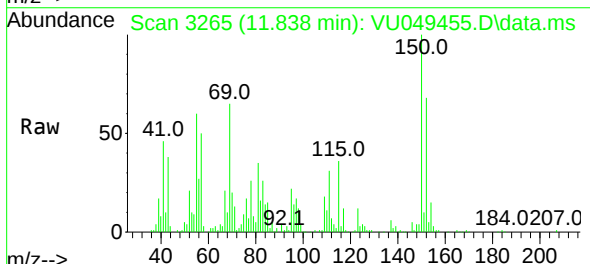
Instrument :
MSVOA_U
ClientSampleId :
SP-EXC-2-3-GR

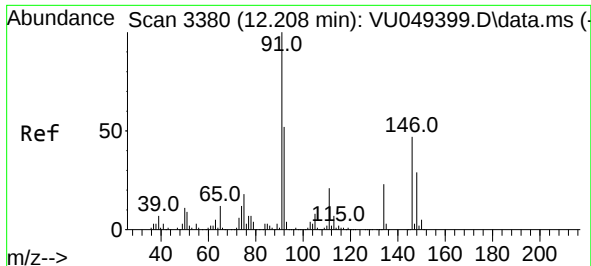
Tgt Ion:119 Resp: 7736
Ion Ratio Lower Upper
119 100
134 33.2 13.5 40.4
91 30.5 11.2 33.5



#88
1,4-Dichlorobenzene
Concen: 0.336 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

Tgt Ion:146 Resp: 2585
Ion Ratio Lower Upper
146 100
111 441.5 18.5 55.5#
148 98.4 31.9 95.7#

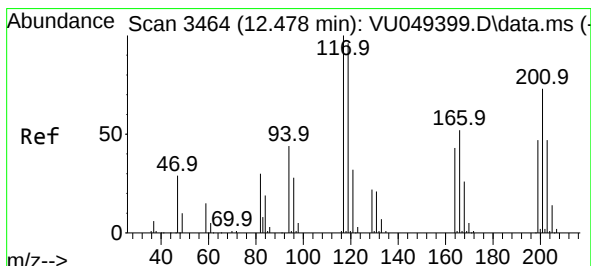
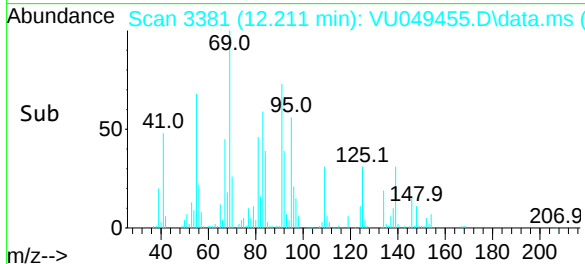
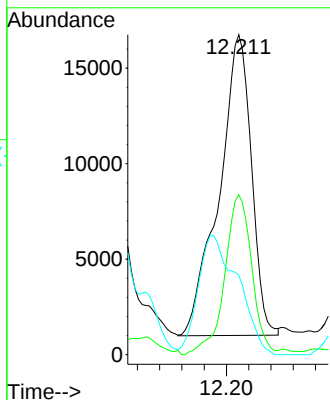
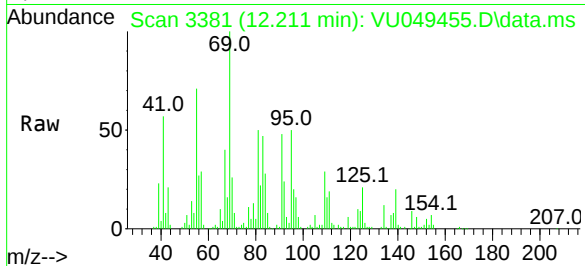




#89
n-Butylbenzene
Concen: 2.398 ug/l
RT: 12.211 min Scan# 31770
Delta R.T. 0.003 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

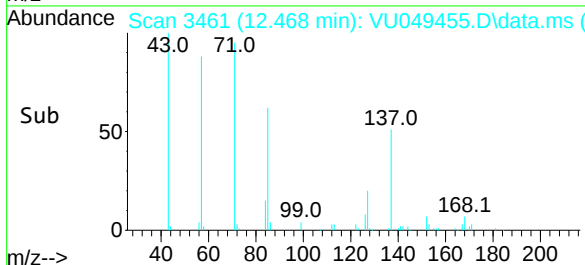
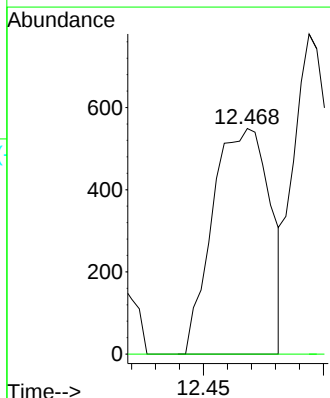
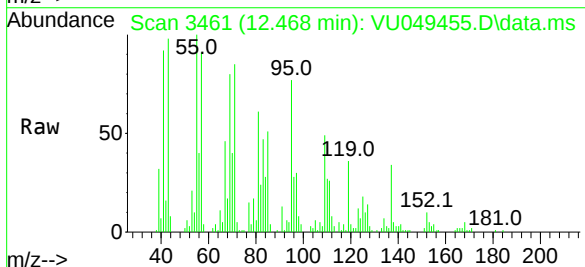
Instrument :
MSVOA_U
ClientSampleId :
SP-EXC-2-3-GR

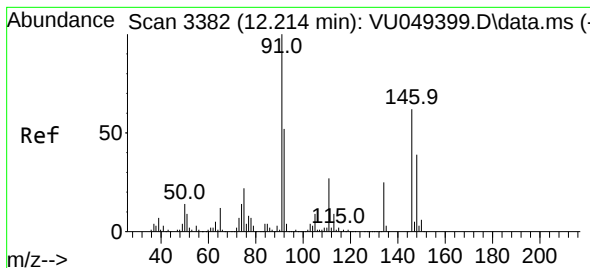
Tgt Ion: 91 Resp: 31770
Ion Ratio Lower Upper
91 100
92 44.6 26.2 78.6
134 0.0 13.5 40.4#



#90
Hexachloroethane
Concen: 0.320 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.010 min
Lab File: VU049455.D
Acq: 28 Jun 2022 14:00

Tgt Ion: 117 Resp: 913
Ion Ratio Lower Upper
117 100
201 0.0 44.6 134.0#





#91

1,2-Dichlorobenzene

Concen: 0.813 ug/l

RT: 12.217 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU049455.D

Acq: 28 Jun 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

SP-EXC-2-3-GR

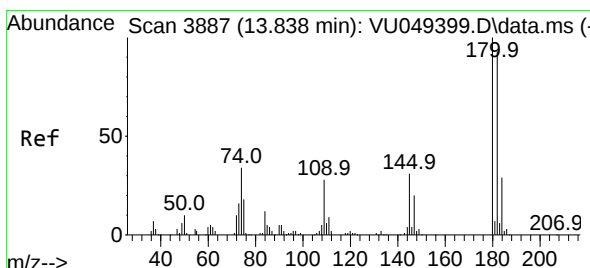
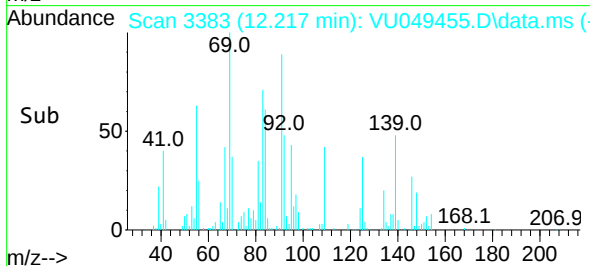
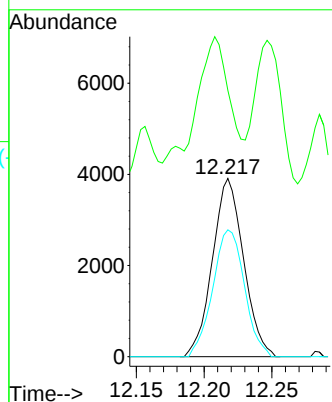
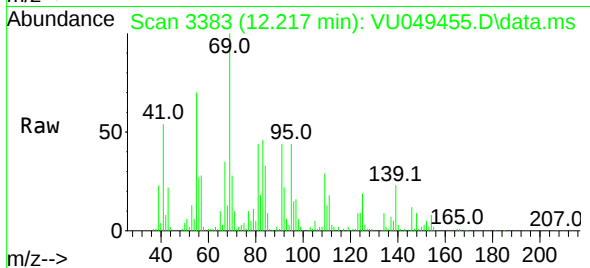
Tgt Ion:146 Resp: 6254

Ion Ratio Lower Upper

146 100

111 84.7 19.9 59.6#

148 72.3 32.1 96.5



#93

1,2,4-Trichlorobenzene

Concen: 1.781 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. -0.003 min

Lab File: VU049455.D

Acq: 28 Jun 2022 14:00

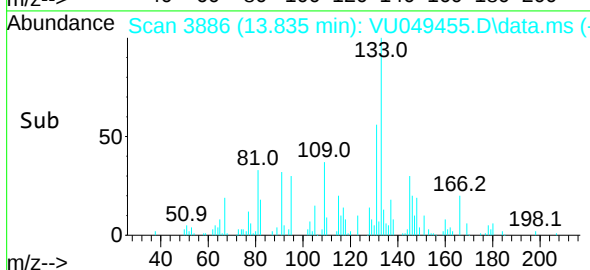
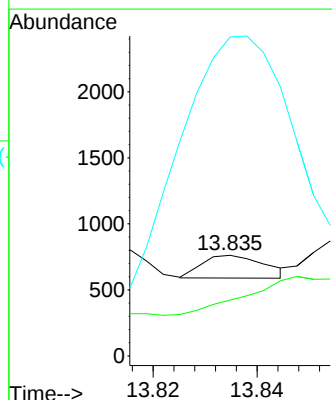
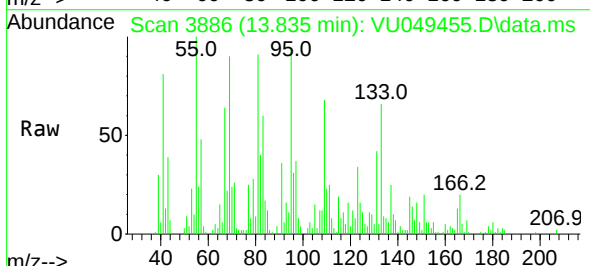
Tgt Ion:180 Resp: 144

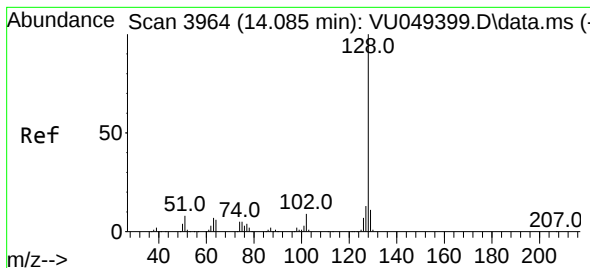
Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.6#

145 2789.6 14.0 41.9#





#95

Naphthalene

Concen: 5.219 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049455.D

Acq: 28 Jun 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

SP-EXC-2-3-GR

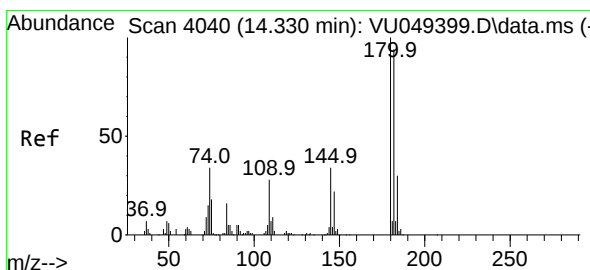
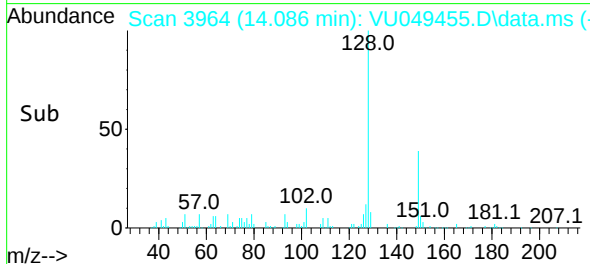
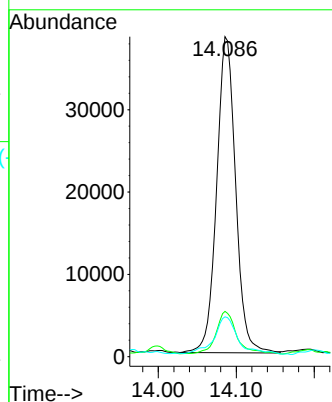
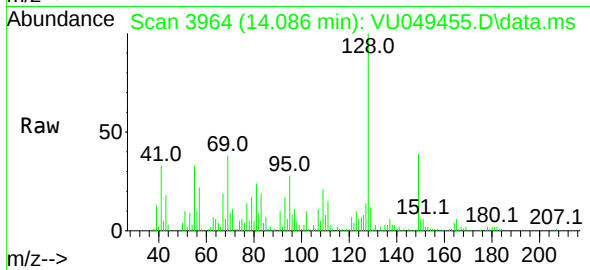
Tgt Ion:128 Resp: 65025

Ion Ratio Lower Upper

128 100

127 14.6 10.3 15.5

129 14.9 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 1.770 ug/l

RT: 14.349 min Scan# 4046

Delta R.T. 0.019 min

Lab File: VU049455.D

Acq: 28 Jun 2022 14:00

Tgt Ion:180 Resp: 3218

Ion Ratio Lower Upper

180 100

182 6.8 48.4 145.0#

145 194.2 14.8 44.4#

