

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045456.D
 Acq On : 29 Oct 2021 12:04
 Operator : SY/MD
 Sample : VU1029MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029MBL01

Quant Time: Oct 30 04:03:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

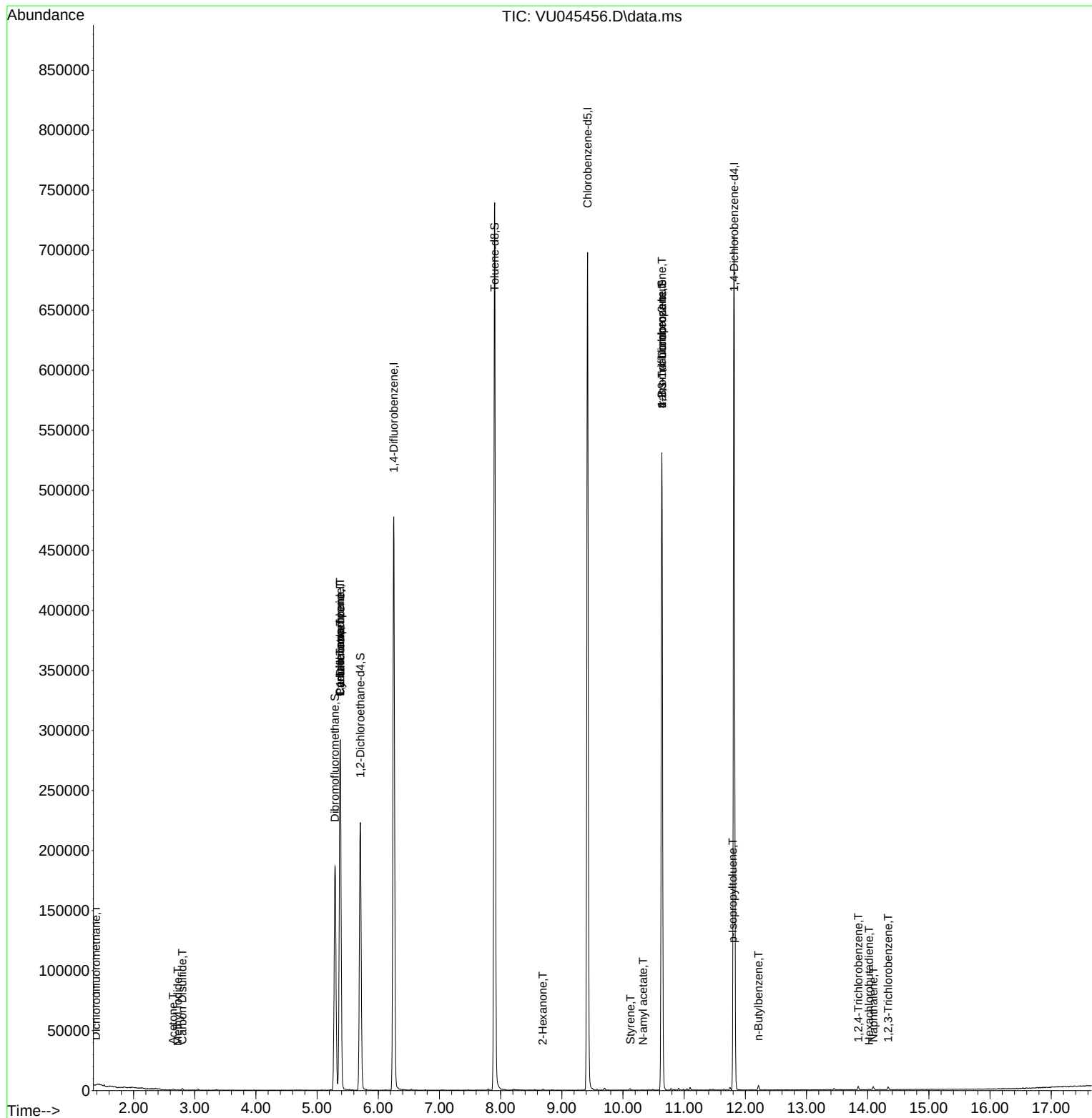
Internal Standards						
1) Pentafluorobenzene	5.379	168	195420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	381343	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	370634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	175194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	165271	51.948	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.900%	
35) Dibromofluoromethane	5.292	113	122045	50.333	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.660%	
50) Toluene-d8	7.903	98	490275	51.562	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.120%	
62) 4-Bromofluorobenzene	10.636	95	182654	50.411	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	71	0.401	ug/l #	43
10) Methyl Iodide	2.723	142	161	9.417	ug/l #	43
16) Acetone	2.646	43	1242	0.860	ug/l	99
17) Carbon Disulfide	2.797	76	1618	0.249	ug/l #	80
31) Cyclohexane	5.376	56	4936	1.042	ug/l #	1
36) 1,1-Dichloropropene	5.376	75	17664	4.866	ug/l #	49
38) Carbon Tetrachloride	5.376	117	19905	6.287	ug/l #	16
59) 2-Hexanone	8.687	43	794	0.239	ug/l	70
70) Styrene	10.121	104	653	1.049	ug/l #	72
74) N-amyl acetate	10.327	43	157	1.180	ug/l #	40
76) 1,2,3-Trichloropropane	10.636	75	95419	20.442	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	95419	56.718	ug/l #	12
86) p-Isopropyltoluene	11.793	119	919	0.270	ug/l #	49
89) n-Butylbenzene	12.214	91	1632	1.085	ug/l	90
93) 1,2,4-Trichlorobenzene	13.845	180	1068	0.293	ug/l	94
94) Hexachlorobutadiene	14.021	225	273	0.206	ug/l #	34
95) Naphthalene	14.092	128	2825	0.296	ug/l #	89
96) 1,2,3-Trichlorobenzene	14.333	180	1008	0.274	ug/l	89

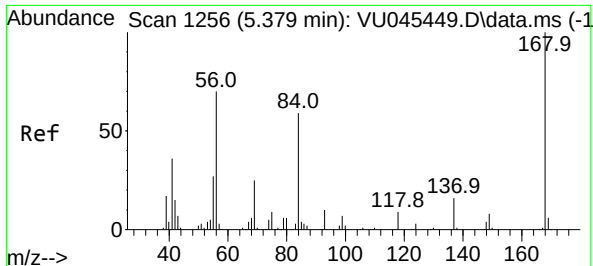
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 11:09:42 2021
Response via : Initial Calibration

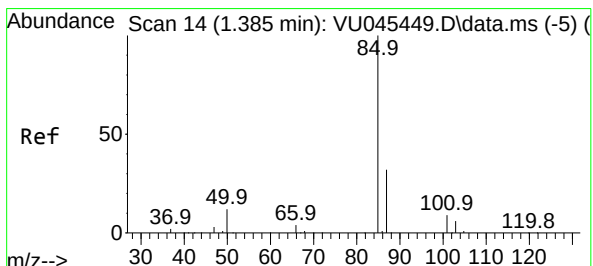
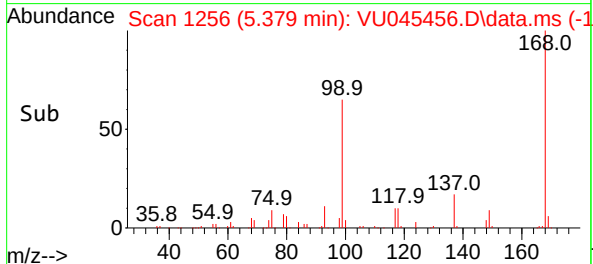
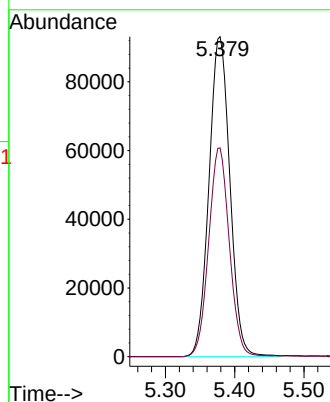
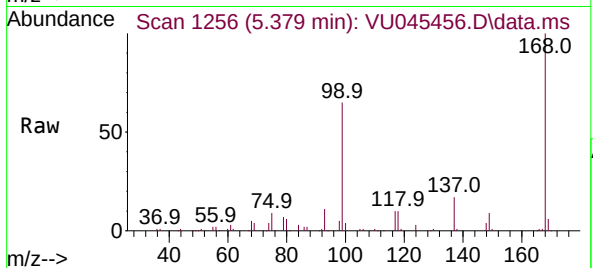




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

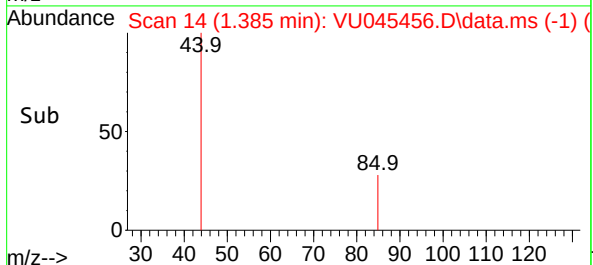
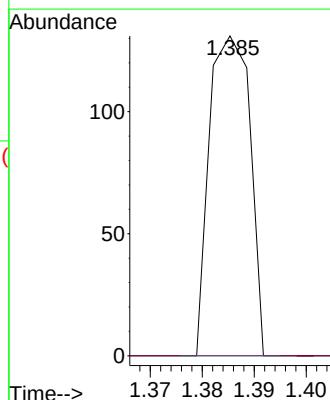
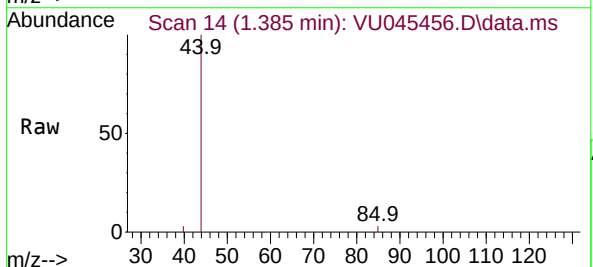
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBL01

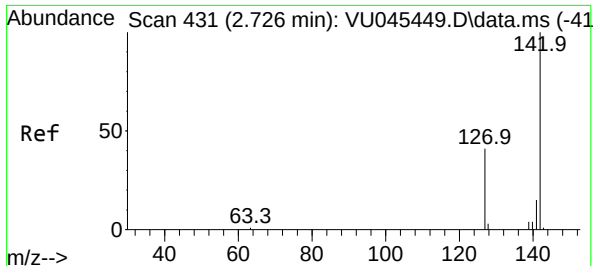
Tgt Ion:168 Resp: 195420
Ion Ratio Lower Upper
168 100
99 65.2 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 0.401 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

Tgt Ion: 85 Resp: 71
Ion Ratio Lower Upper
85 100
87 0.0 15.9 47.7#

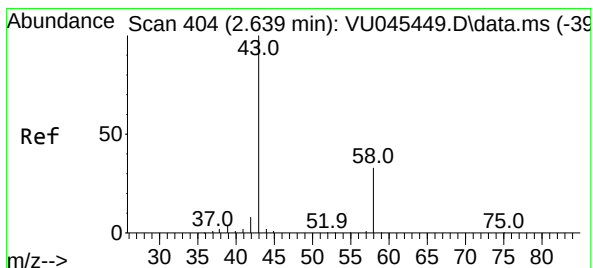
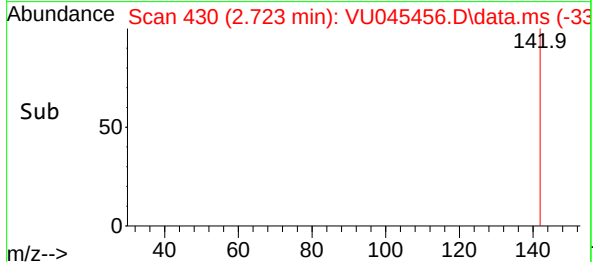
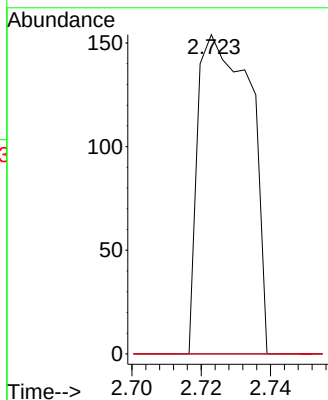
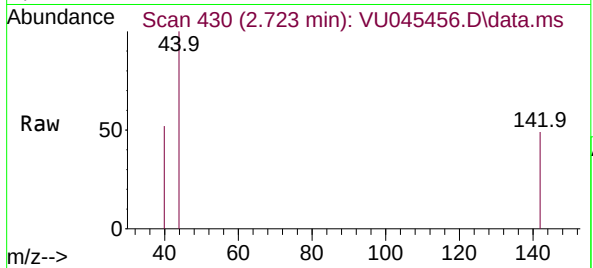




#10
Methyl Iodide
Concen: 9.417 ug/l
RT: 2.723 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

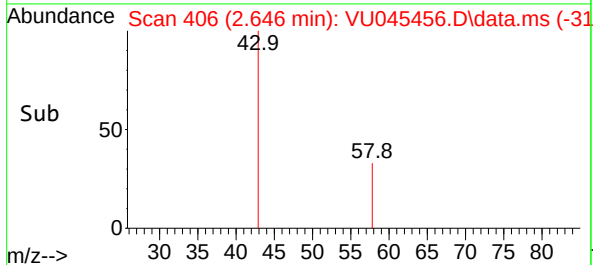
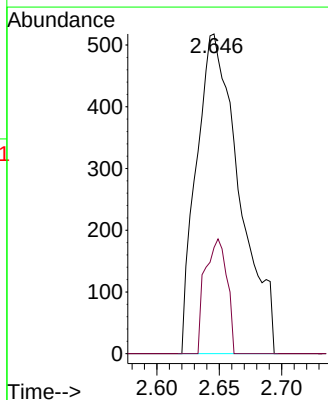
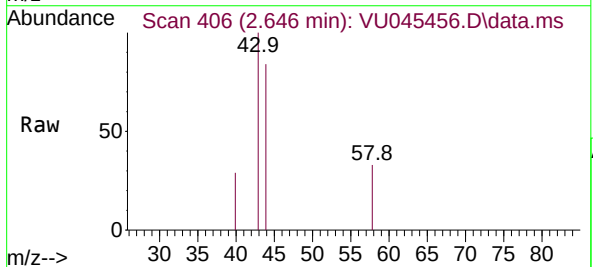
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBL01

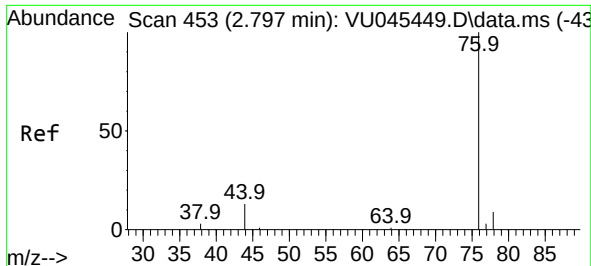
Tgt Ion:142 Resp: 161
Ion Ratio Lower Upper
142 100
127 0.0 32.2 48.2#
141 0.0 11.3 16.9#



#16
Acetone
Concen: 0.860 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.007 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

Tgt Ion: 43 Resp: 1242
Ion Ratio Lower Upper
43 100
58 33.2 26.2 39.2

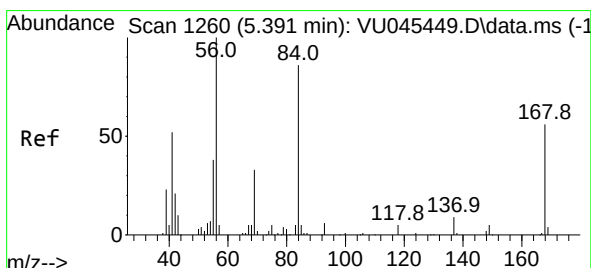
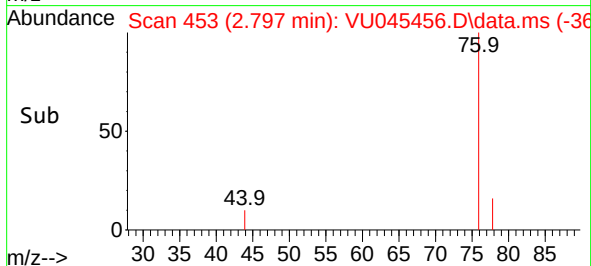
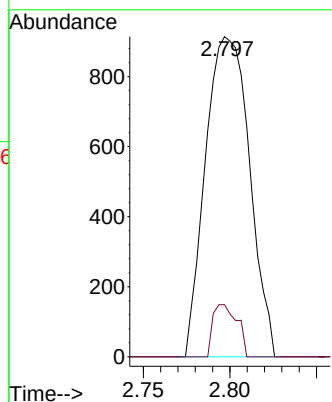
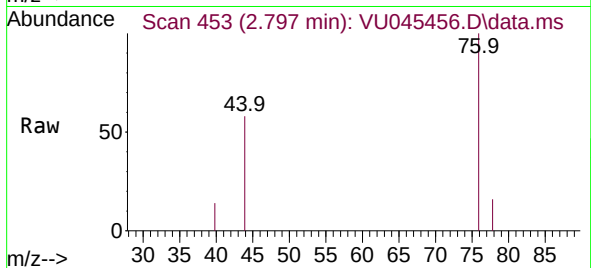




#17
Carbon Disulfide
Concen: 0.249 ug/l
RT: 2.797 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

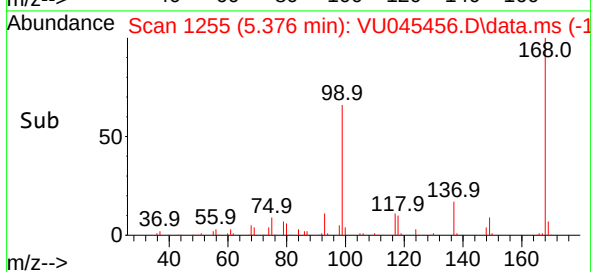
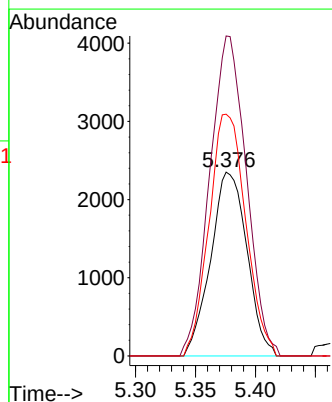
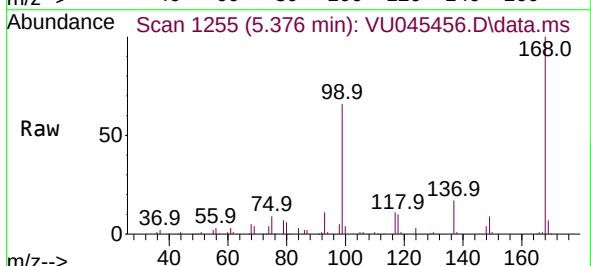
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBL01

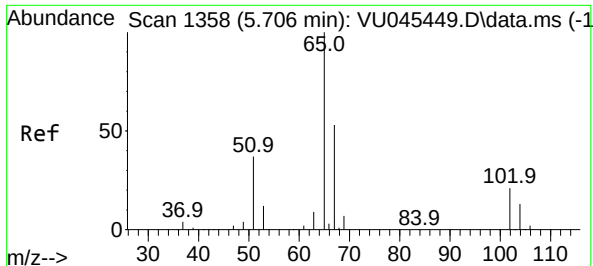
Tgt Ion: 76 Resp: 1618
Ion Ratio Lower Upper
76 100
78 16.3 7.3 10.9#



#31
Cyclohexane
Concen: 1.042 ug/l
RT: 5.376 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

Tgt Ion: 56 Resp: 4936
Ion Ratio Lower Upper
56 100
69 174.1 26.4 39.6#
84 131.5 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 51.948 ug/l

RT: 5.707 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045456.D

Acq: 29 Oct 2021 12:04

Instrument :

MSVOA_U

ClientSampleId :

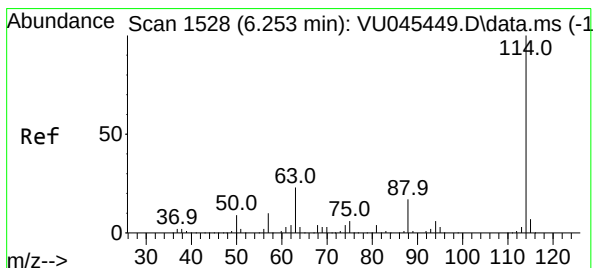
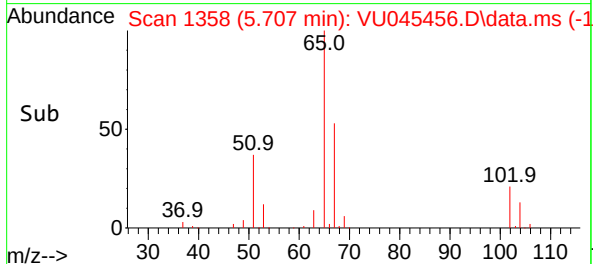
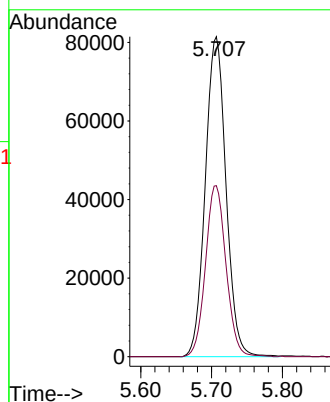
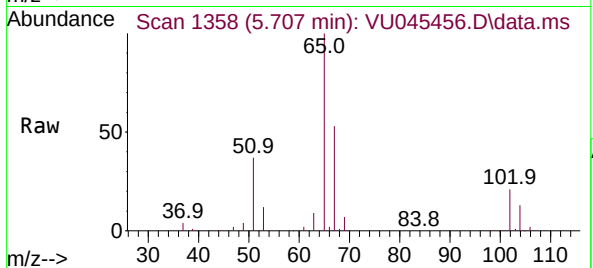
VU1029MBL01

Tgt Ion: 65 Resp: 165271

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045456.D

Acq: 29 Oct 2021 12:04

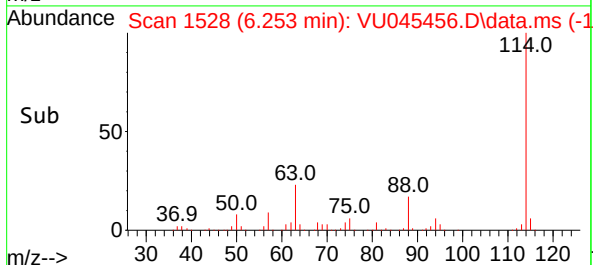
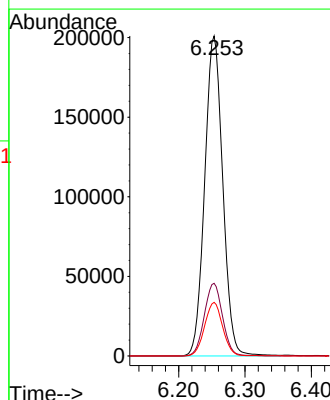
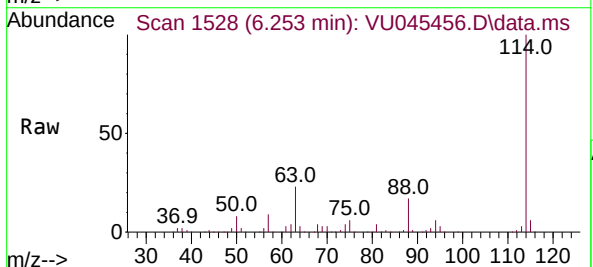
Tgt Ion: 114 Resp: 381343

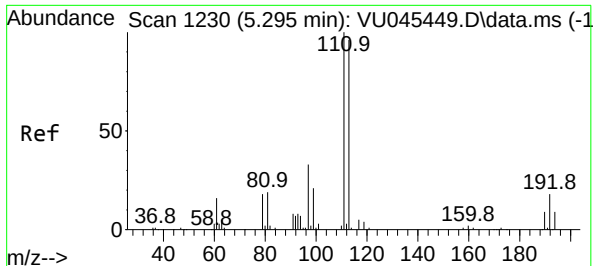
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 16.7 0.0 33.8

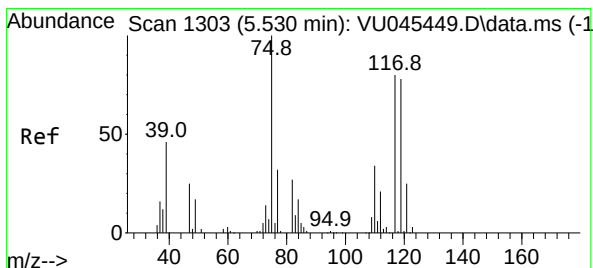
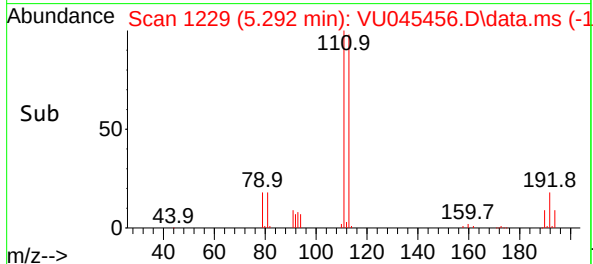
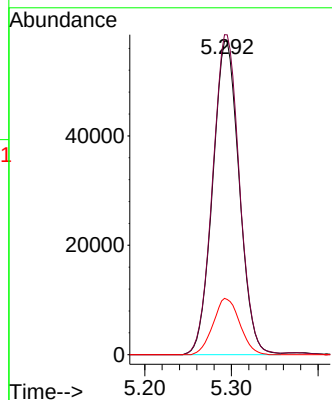
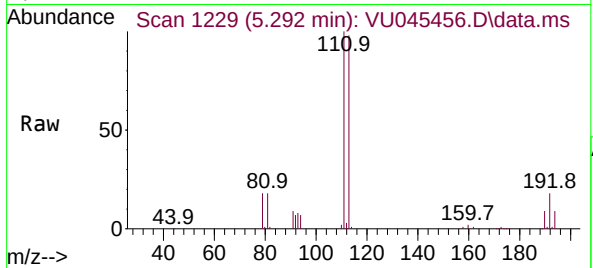




#35
Dibromofluoromethane
Concen: 50.333 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

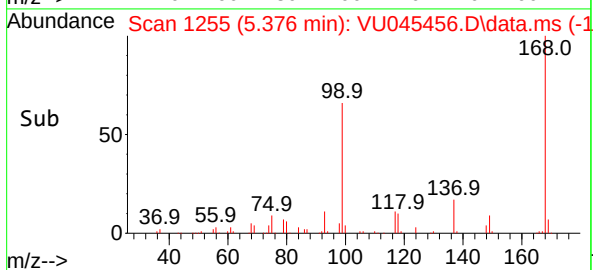
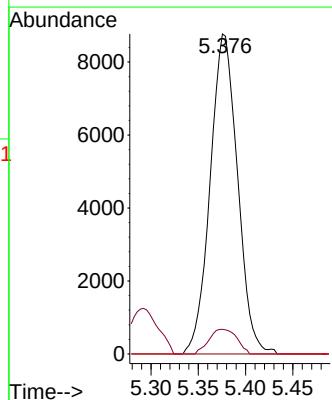
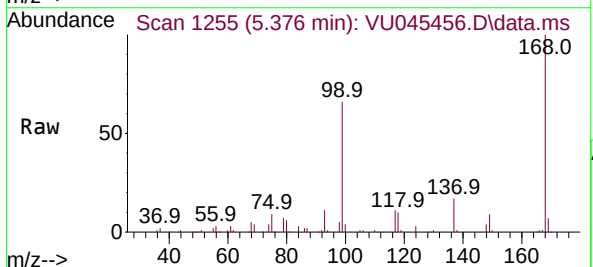
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBL01

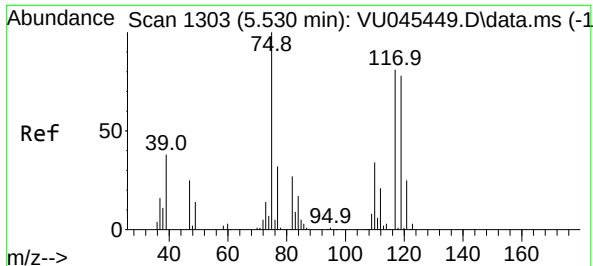
Tgt Ion:113 Resp: 122045
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 18.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.866 ug/l
RT: 5.376 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

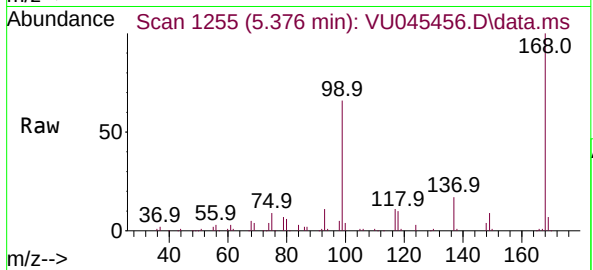
Tgt Ion: 75 Resp: 17664
Ion Ratio Lower Upper
75 100
110 7.8 16.7 50.0#
77 0.0 25.0 37.4#



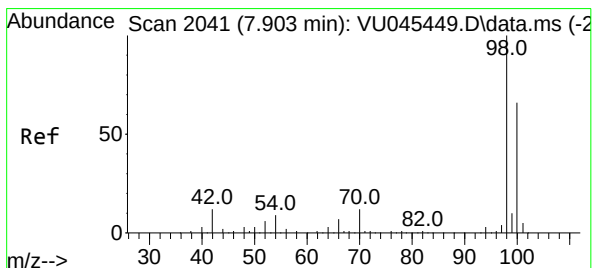
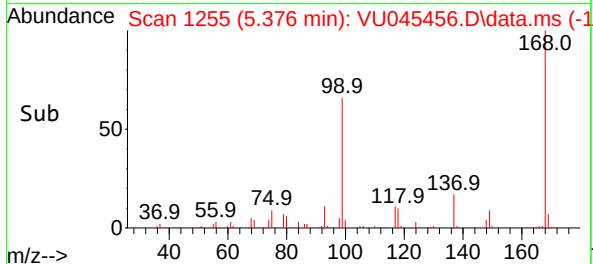
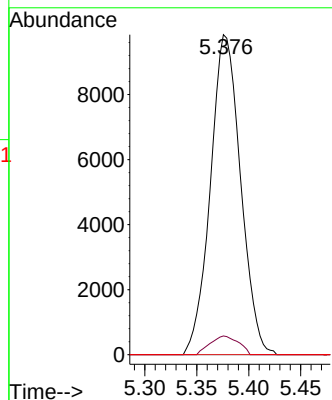


#38
Carbon Tetrachloride
Concen: 6.287 ug/l
RT: 5.376 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

Instrument :
MSVOA_U
ClientSampleId :
VU1029MBL01

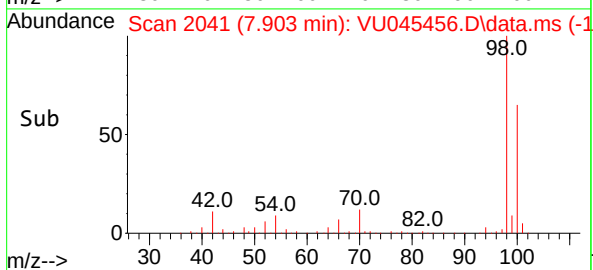
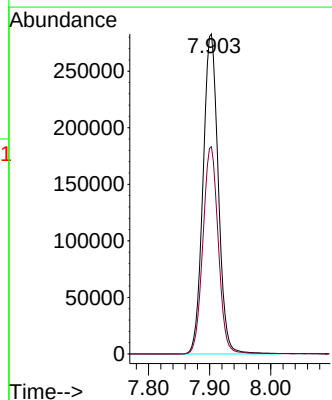
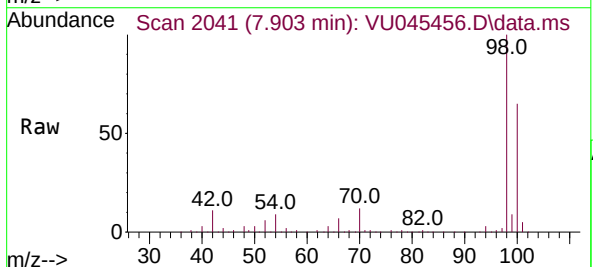


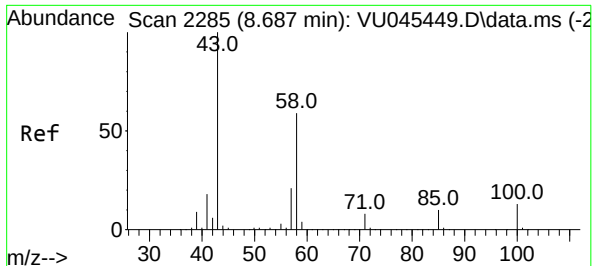
Tgt Ion:117 Resp: 19905
Ion Ratio Lower Upper
117 100
119 5.9 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.562 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

Tgt Ion: 98 Resp: 490275
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#59

2-Hexanone

Concen: 0.239 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045456.D

Acq: 29 Oct 2021 12:04

Instrument :

MSVOA_U

ClientSampleId :

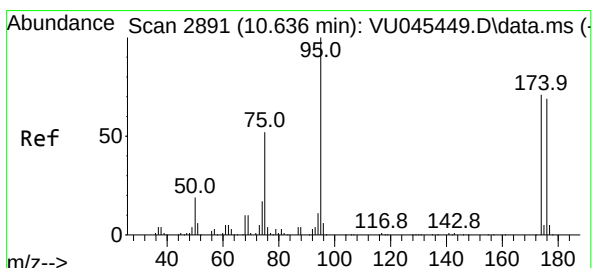
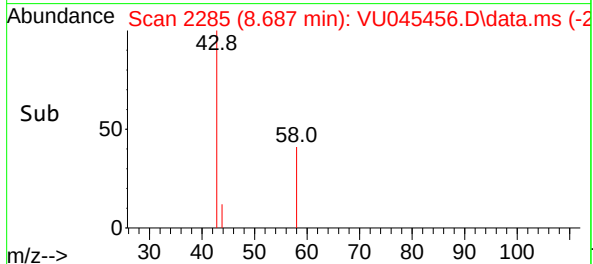
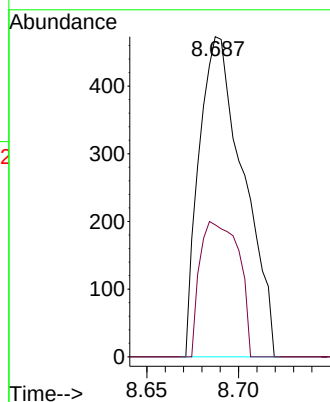
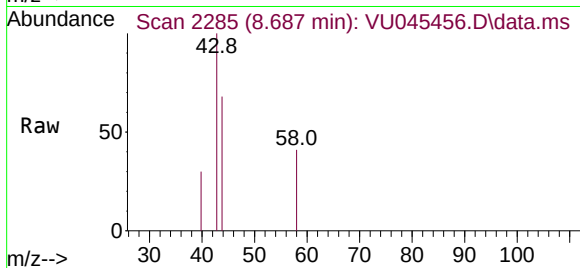
VU1029MBL01

Tgt Ion: 43 Resp: 794

Ion Ratio Lower Upper

43 100

58 36.9 29.5 88.6



#62

4-Bromofluorobenzene

Concen: 50.411 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.000 min

Lab File: VU045456.D

Acq: 29 Oct 2021 12:04

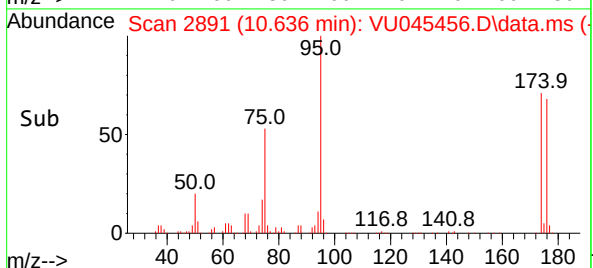
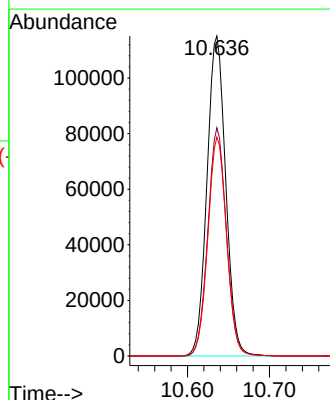
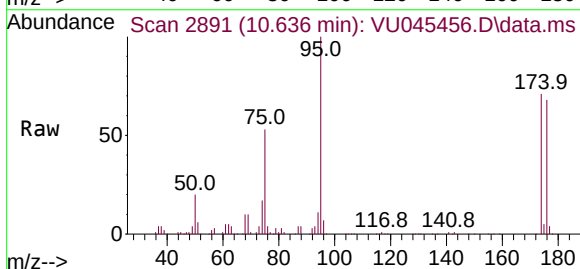
Tgt Ion: 95 Resp: 182654

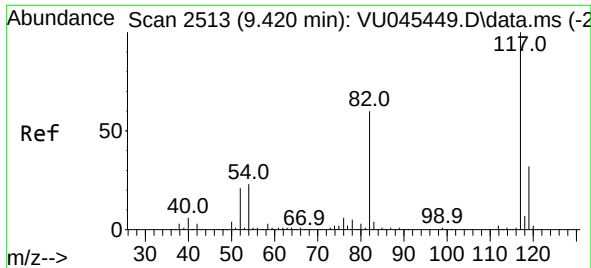
Ion Ratio Lower Upper

95 100

174 70.6 0.0 141.8

176 68.1 0.0 138.2

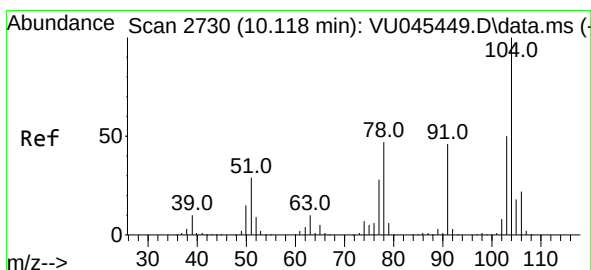
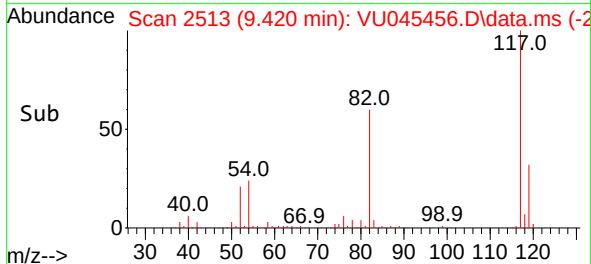
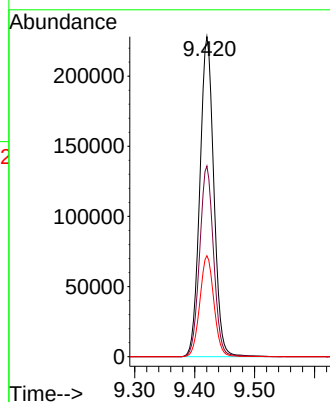
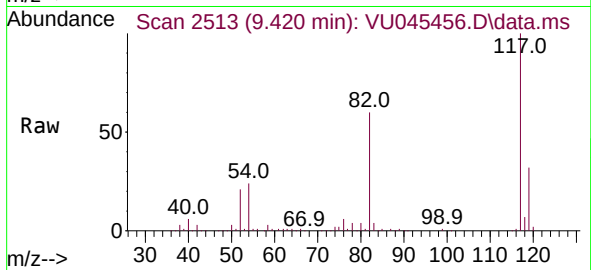




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

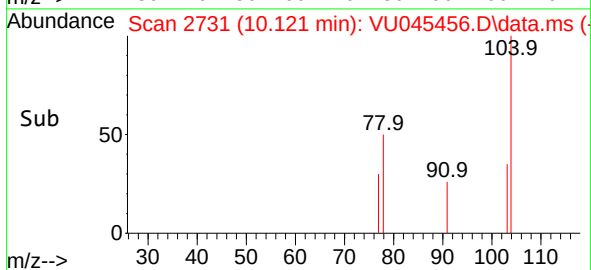
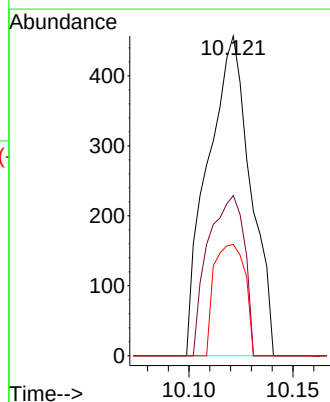
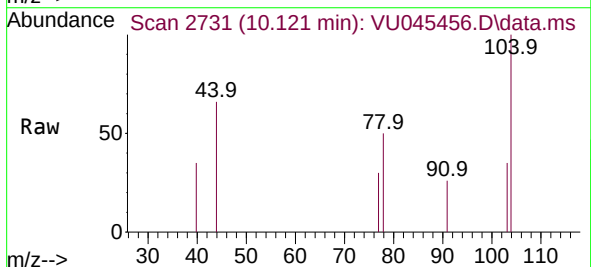
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBL01

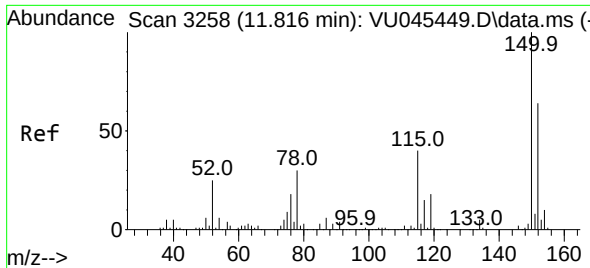
Tgt Ion:117 Resp: 370634
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 31.6 25.8 38.8



#70
Styrene
Concen: 1.049 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

Tgt Ion:104 Resp: 653
Ion Ratio Lower Upper
104 100
78 42.4 41.8 62.6
103 25.1 43.8 65.6#

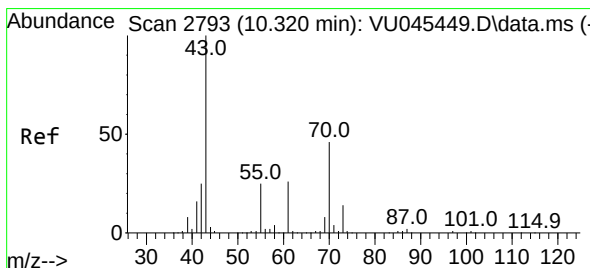
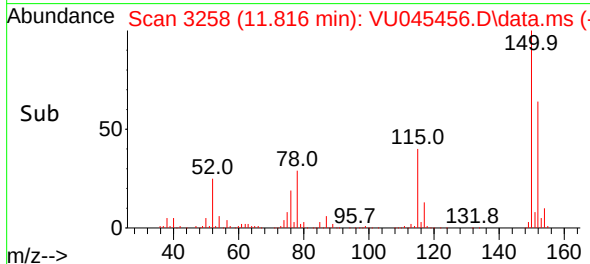
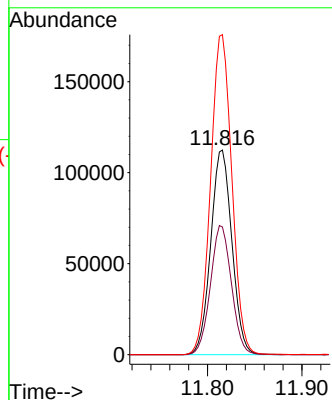
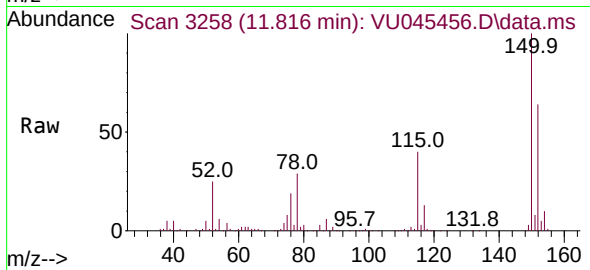




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

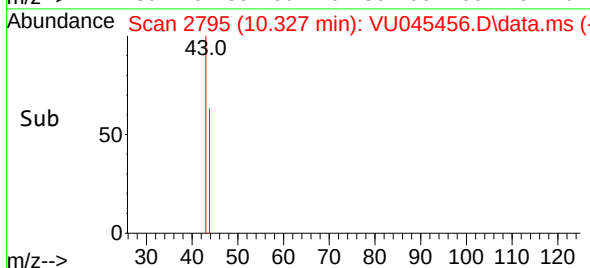
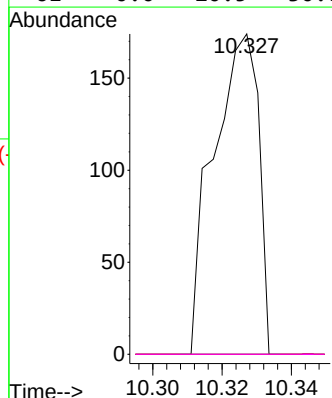
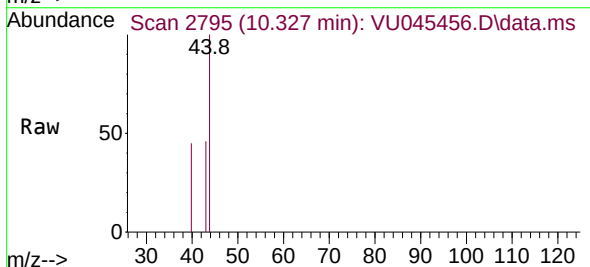
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBL01

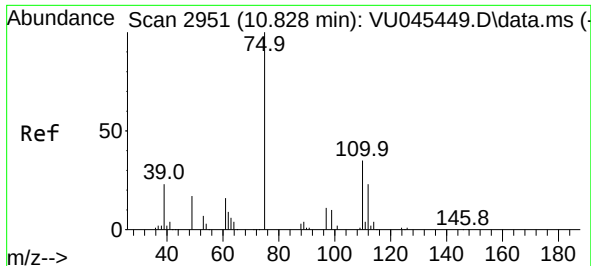
Tgt Ion:152 Resp: 175194
Ion Ratio Lower Upper
152 100
115 62.4 42.7 128.1
150 157.0 0.0 346.8



#74
N-ethyl acetate
Concen: 1.180 ug/l
RT: 10.327 min Scan# 2795
Delta R.T. 0.007 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

Tgt Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
70 0.0 36.9 55.3#
55 0.0 20.6 31.0#
61 0.0 20.5 30.7#

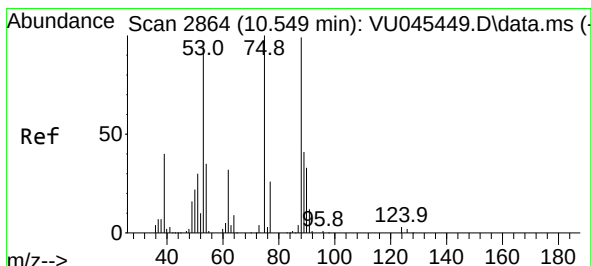
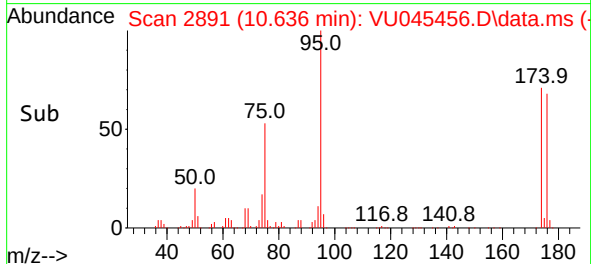
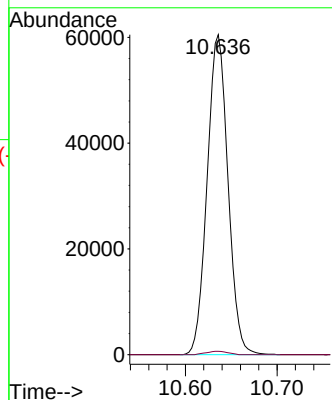
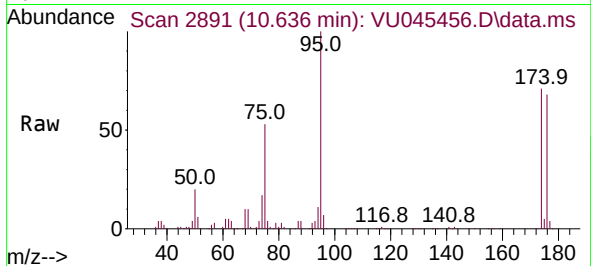




#76
1,2,3-Trichloropropane
Concen: 20.442 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

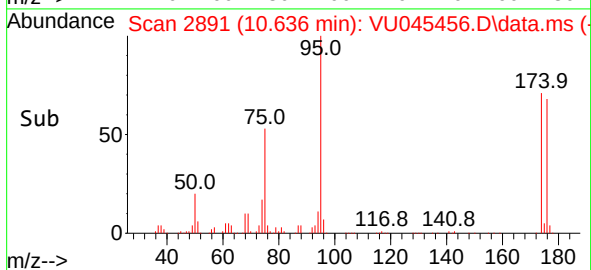
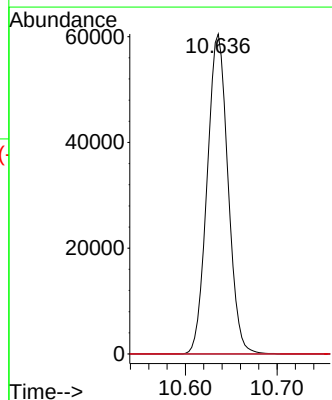
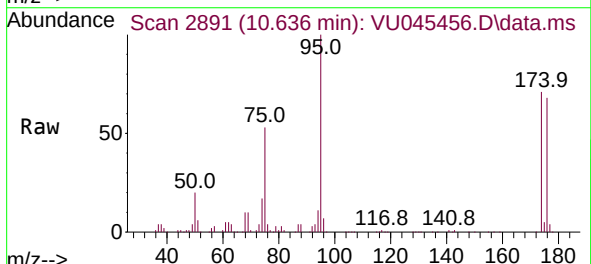
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBL01

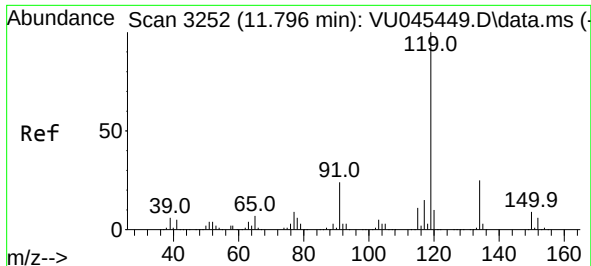
Tgt Ion: 75 Resp: 95419
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.718 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

Tgt Ion: 75 Resp: 95419
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#86

p-Isopropyltoluene

Concen: 0.270 ug/l

RT: 11.793 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU045456.D

Acq: 29 Oct 2021 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1029MBL01

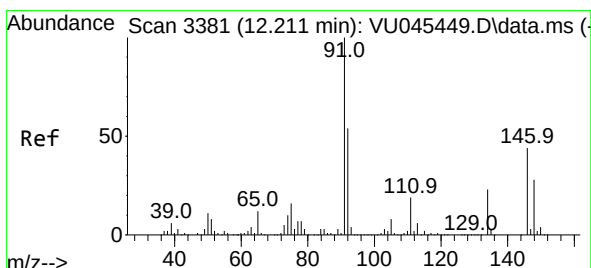
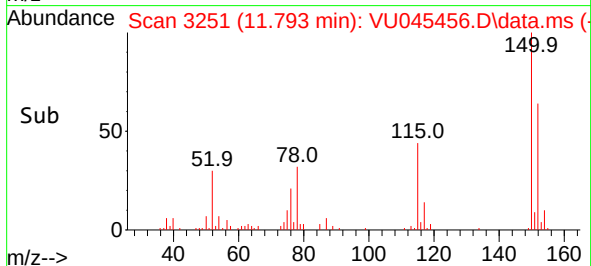
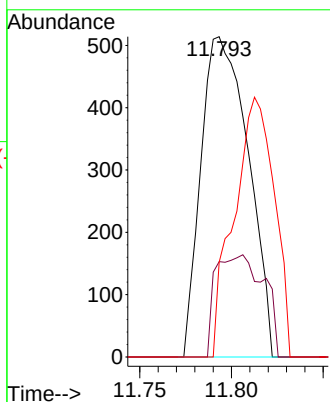
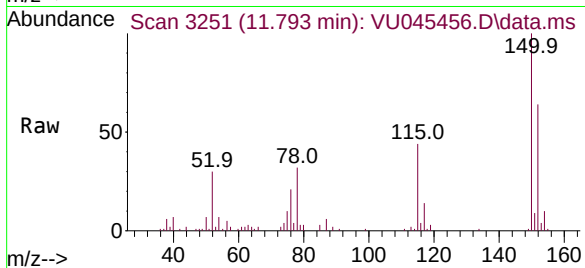
Tgt Ion:119 Resp: 919

Ion Ratio Lower Upper

119 100

134 32.4 12.7 38.1

91 69.2 12.2 36.4#



#89

n-Butylbenzene

Concen: 1.085 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.003 min

Lab File: VU045456.D

Acq: 29 Oct 2021 12:04

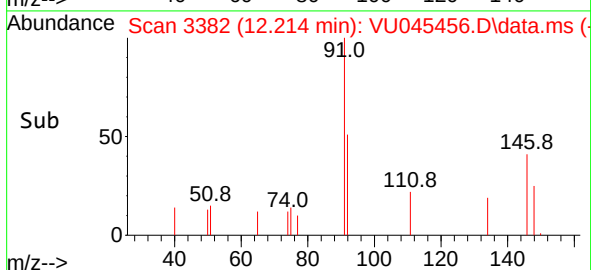
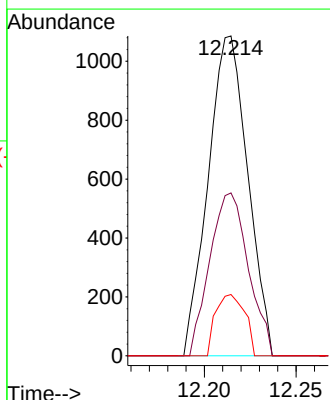
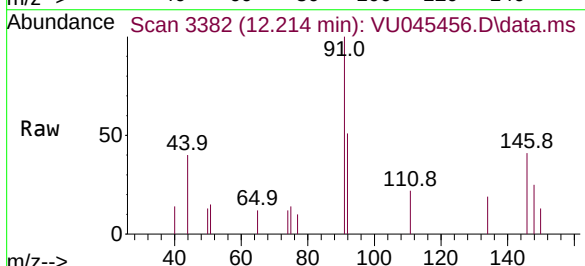
Tgt Ion: 91 Resp: 1632

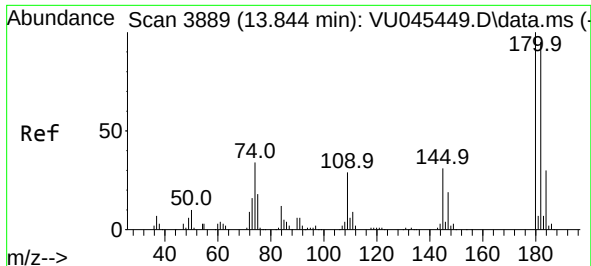
Ion Ratio Lower Upper

91 100

92 49.6 27.1 81.2

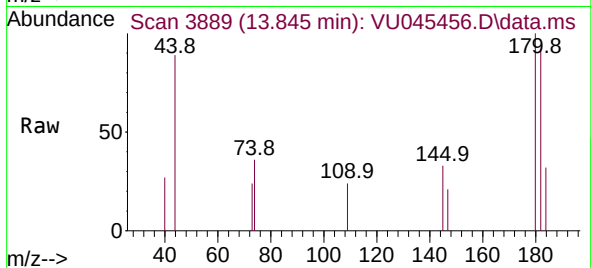
134 14.0 11.8 35.4



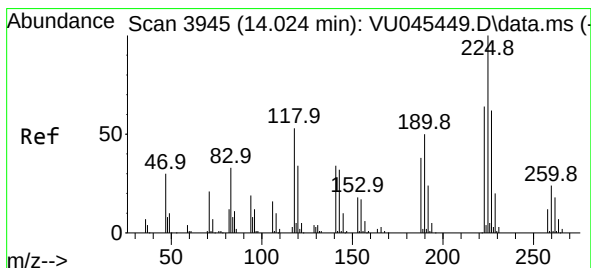
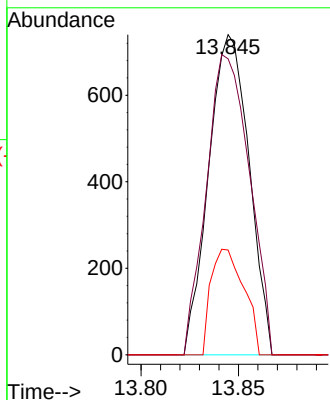
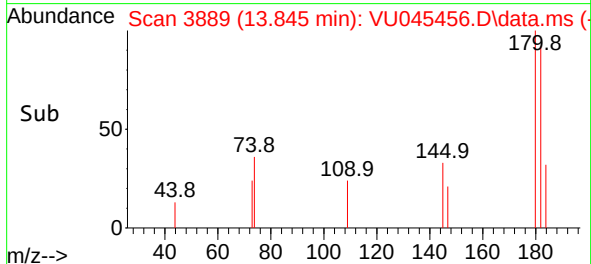


#93
1,2,4-Trichlorobenzene
Concen: 0.293 ug/l
RT: 13.845 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

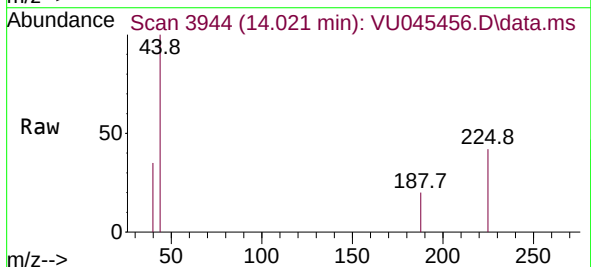
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBL01



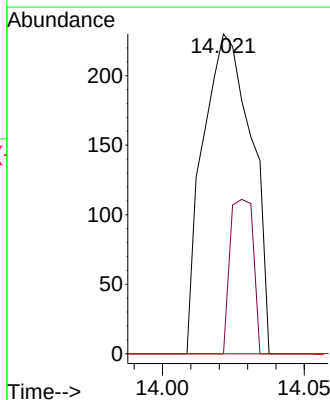
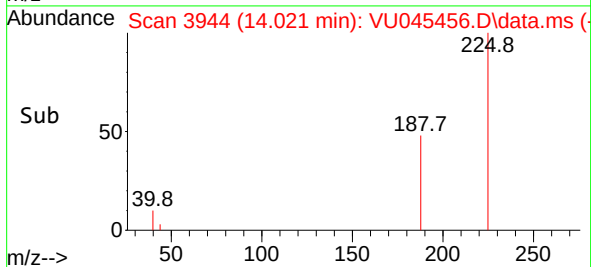
Tgt Ion:180 Resp: 1068
Ion Ratio Lower Upper
180 100
182 99.9 47.0 141.2
145 26.8 15.6 46.7

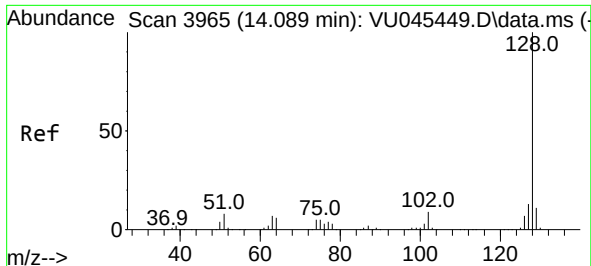


#94
Hexachlorobutadiene
Concen: 0.206 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.003 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04



Tgt Ion:225 Resp: 273
Ion Ratio Lower Upper
225 100
223 23.1 32.0 96.2#
227 0.0 31.1 93.5#

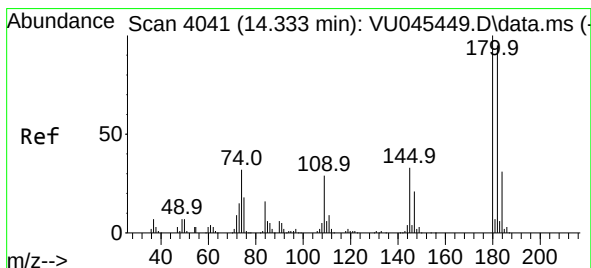
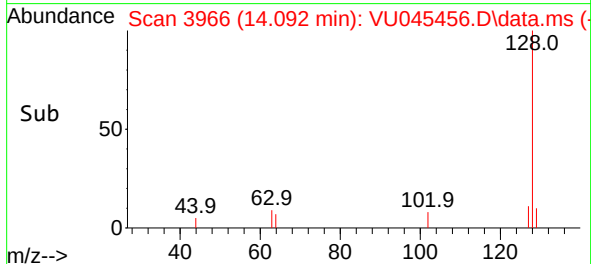
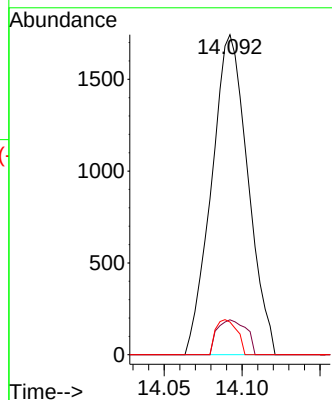
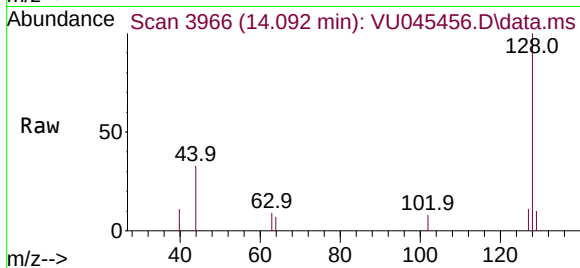




#95
Naphthalene
Concen: 0.296 ug/l
RT: 14.092 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

Instrument :
MSVOA_U
ClientSampleId :
VU1029MBL01

Tgt Ion:128 Resp: 2825
Ion Ratio Lower Upper
128 100
127 8.7 10.6 15.8#
129 6.4 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.274 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045456.D
Acq: 29 Oct 2021 12:04

Tgt Ion:180 Resp: 1008
Ion Ratio Lower Upper
180 100
182 87.1 47.7 143.1
145 23.8 16.7 50.0

