

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102621\
 Data File : VU045402.D
 Acq On : 26 Oct 2021 15:05
 Operator : SY/MD
 Sample : M4284-08DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20877DL

Quant Time: Oct 26 16:05:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

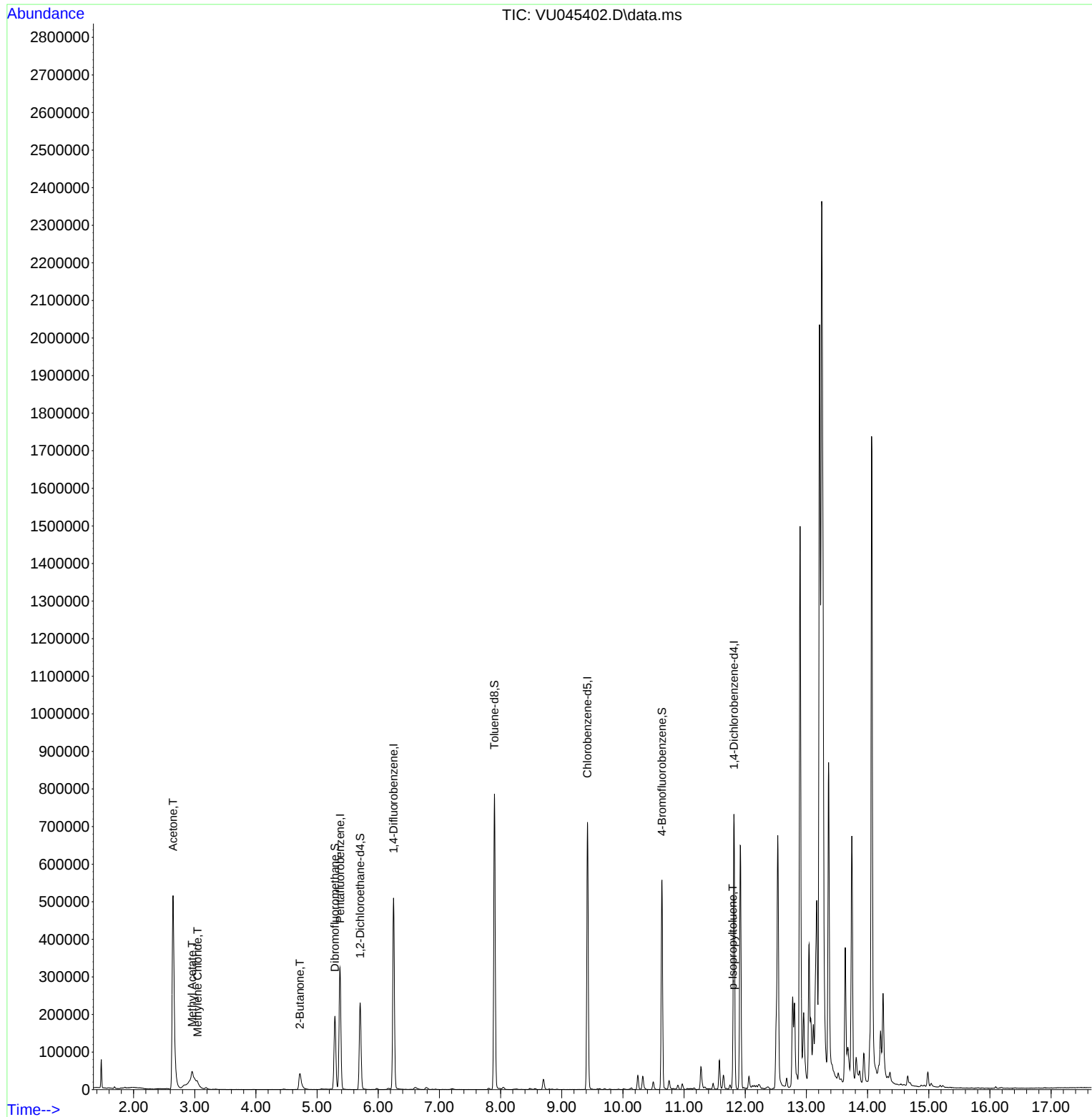
Internal Standards						
1) Pentafluorobenzene	5.375	168	216107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	407390	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	381634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	175650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	174110	48.399	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.800%
35) Dibromofluoromethane	5.292	113	126716	49.307	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.620%
50) Toluene-d8	7.899	98	511094	50.333	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.660%
62) 4-Bromofluorobenzene	10.639	95	192714	45.969	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.940%
Target Compounds						
					Qvalue	
16) Acetone	2.645	43	790774	370.329	ug/l	98
18) Methyl Acetate	2.954	43	50557	8.101	ug/l #	75
20) Methylene Chloride	3.044	84	1911	0.594	ug/l	87
25) 2-Butanone	4.719	43	83106	27.393	ug/l	99
86) p-Isopropyltoluene	11.796	119	21455	1.858	ug/l	98

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

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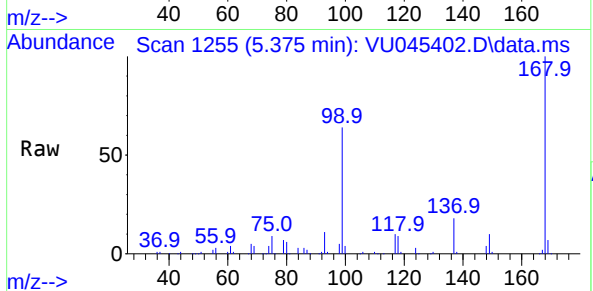
Quant Time: Oct 26 16:05:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
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QLast Update : Tue Sep 28 12:32:13 2021
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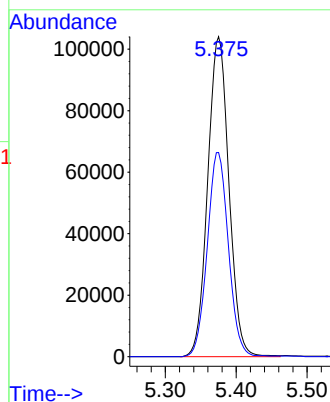
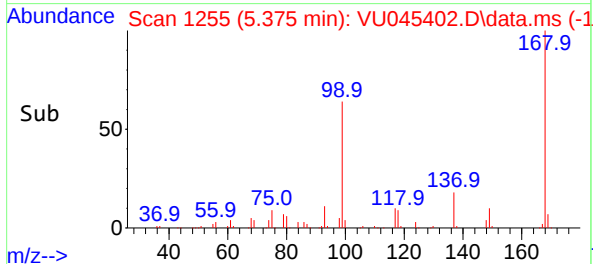


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045402.D
Acq: 26 Oct 2021 15:05

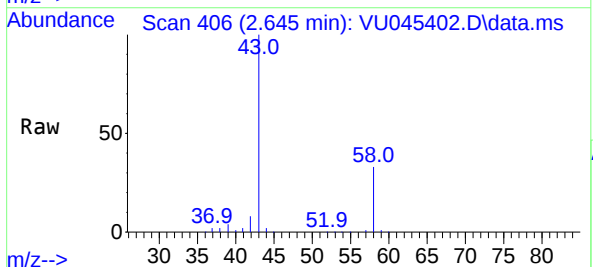
Instrument :
MSVOA_U
ClientSampleId :
20877DL



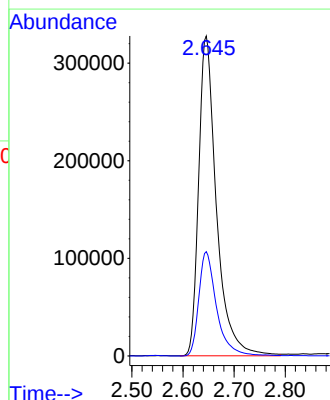
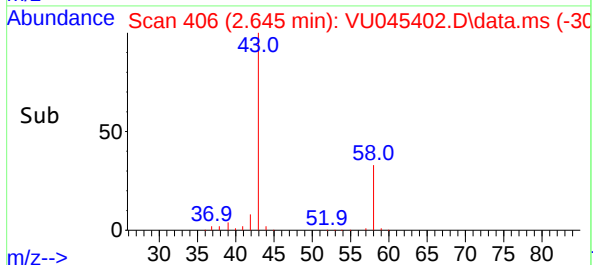
Tgt Ion:168 Resp: 216107
Ion Ratio Lower Upper
168 100
99 63.8 51.4 77.0

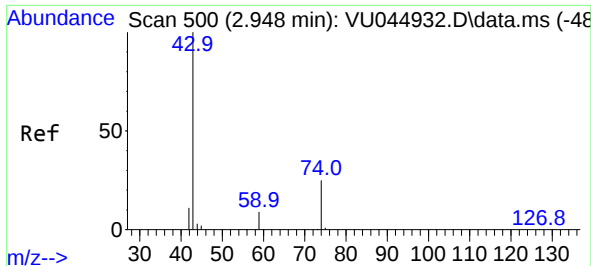


#16
Acetone
Concen: 370.329 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.013 min
Lab File: VU045402.D
Acq: 26 Oct 2021 15:05



Tgt Ion: 43 Resp: 790774
Ion Ratio Lower Upper
43 100
58 32.6 25.2 37.8

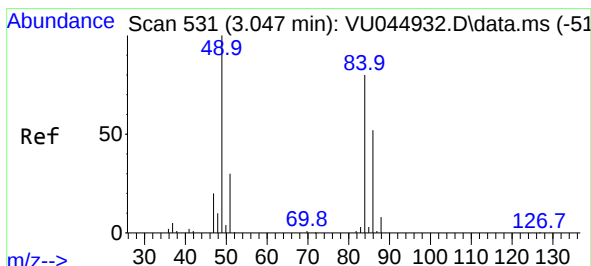
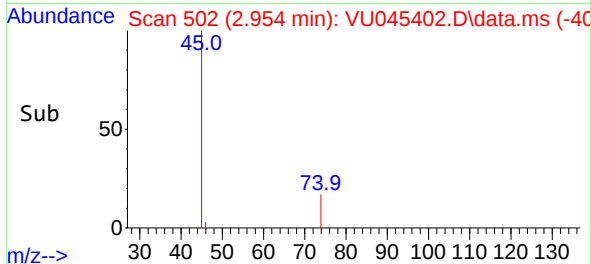
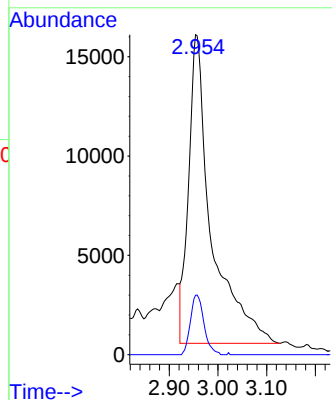
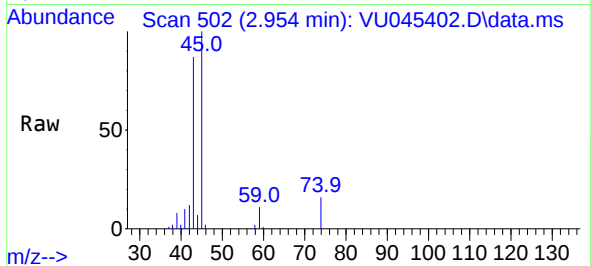




#18
Methyl Acetate
Concen: 8.101 ug/l
RT: 2.954 min Scan# 50
Delta R.T. 0.006 min
Lab File: VU045402.D
Acq: 26 Oct 2021 15:05

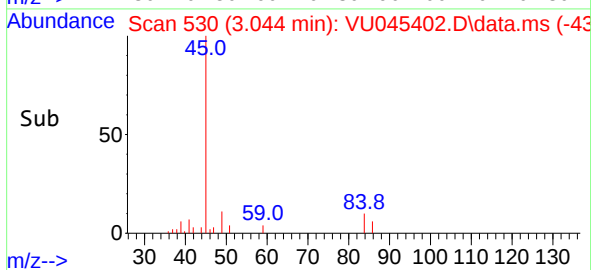
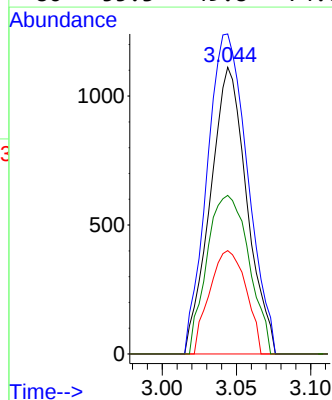
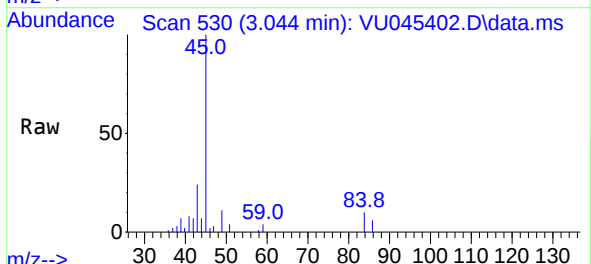
Instrument :
MSVOA_U
ClientSampleId :
20877DL

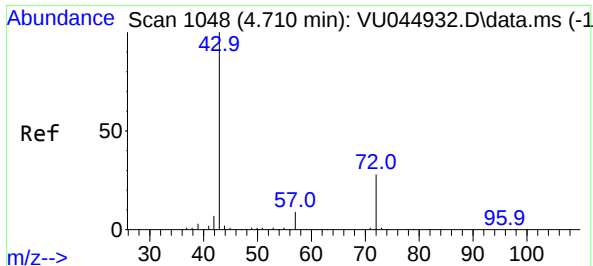
Tgt Ion: 43 Resp: 50557
Ion Ratio Lower Upper
43 100
74 11.5 19.0 28.6#



#20
Methylene Chloride
Concen: 0.594 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU045402.D
Acq: 26 Oct 2021 15:05

Tgt Ion: 84 Resp: 1911
Ion Ratio Lower Upper
84 100
49 111.6 104.9 157.3
51 36.1 31.8 47.8
86 55.3 49.8 74.6





#25

2-Butanone

Concen: 27.393 ug/l

RT: 4.719 min Scan# 1048

Delta R.T. 0.009 min

Lab File: VU045402.D

Acq: 26 Oct 2021 15:05

Instrument :

MSVOA_U

ClientSampleId :

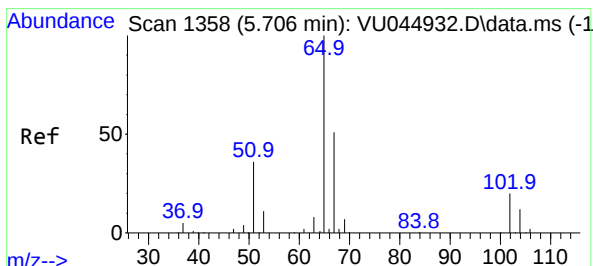
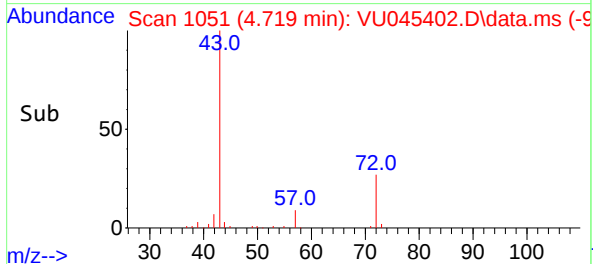
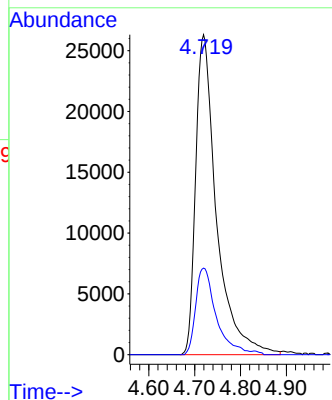
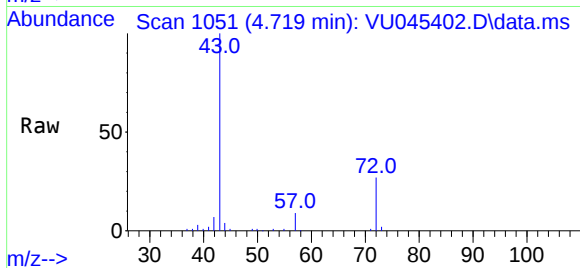
20877DL

Tgt Ion: 43 Resp: 83106

Ion Ratio Lower Upper

43 100

72 27.0 21.3 31.9



#33

1,2-Dichloroethane-d4

Concen: 48.399 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. -0.003 min

Lab File: VU045402.D

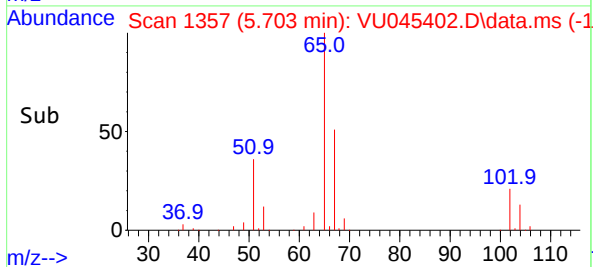
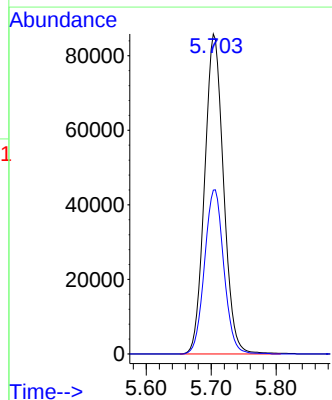
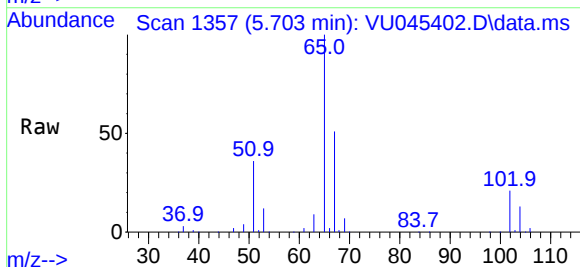
Acq: 26 Oct 2021 15:05

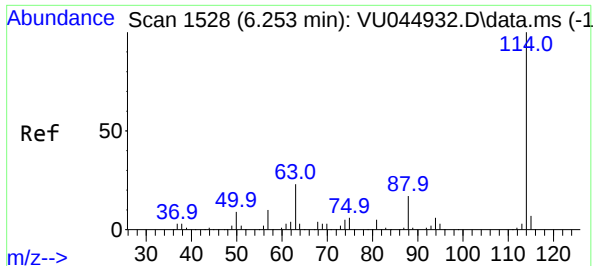
Tgt Ion: 65 Resp: 174110

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU045402.D

Acq: 26 Oct 2021 15:05

Instrument :

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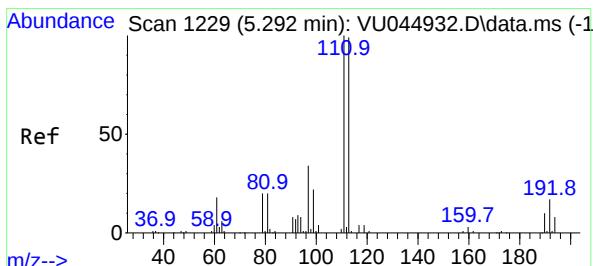
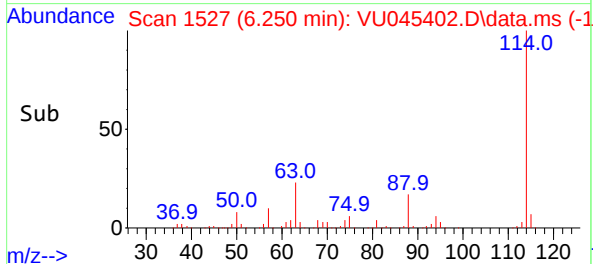
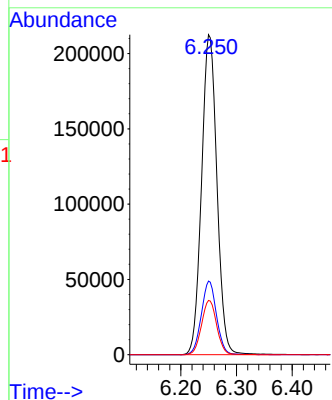
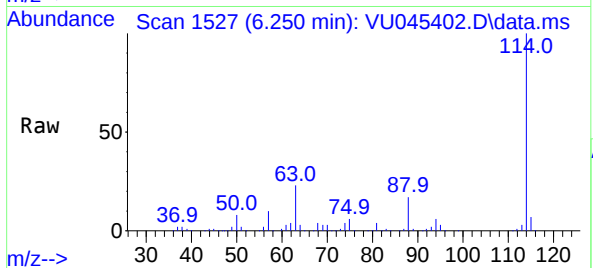
Tgt Ion:114 Resp: 407390

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.8

88 16.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.307 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045402.D

Acq: 26 Oct 2021 15:05

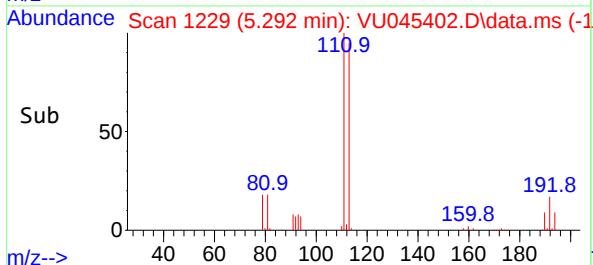
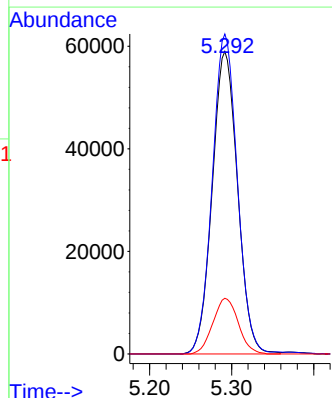
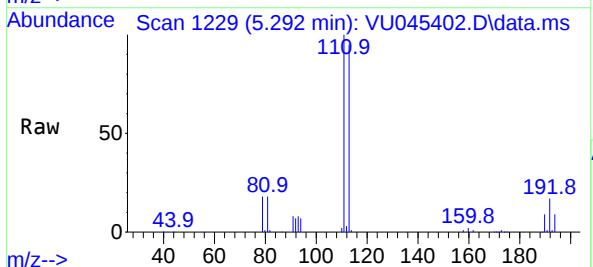
Tgt Ion:113 Resp: 126716

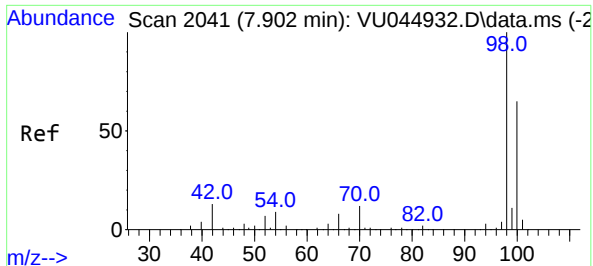
Ion Ratio Lower Upper

113 100

111 104.2 84.1 126.1

192 18.5 14.8 22.2

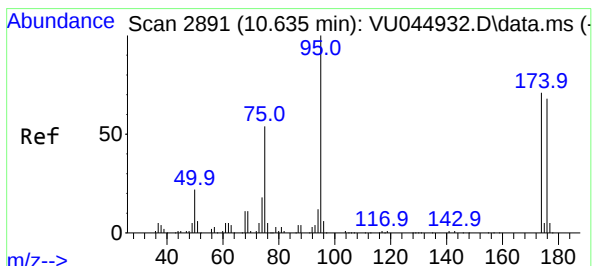
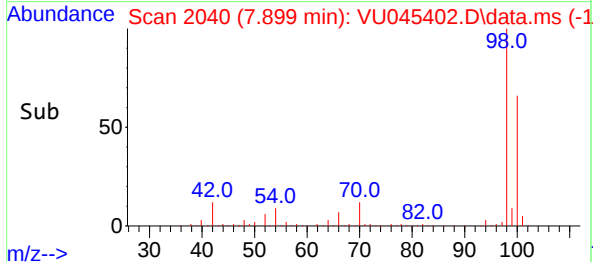
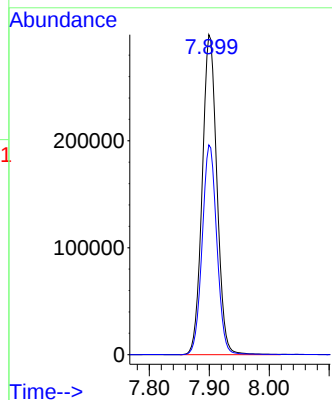
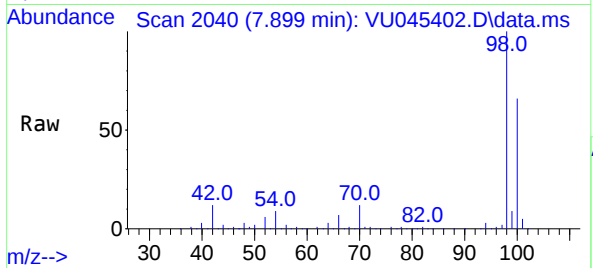




#50
Toluene-d8
Concen: 50.333 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045402.D
Acq: 26 Oct 2021 15:05

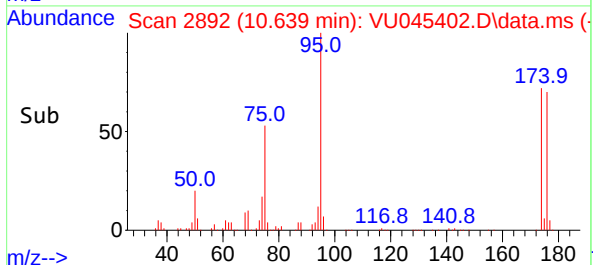
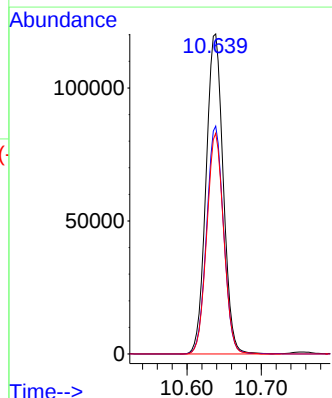
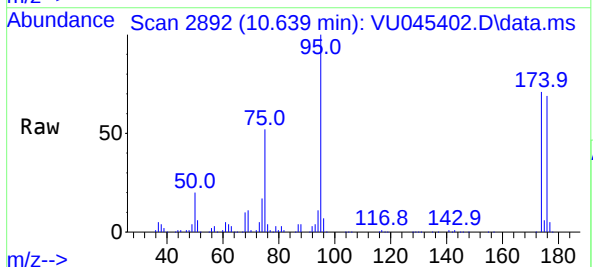
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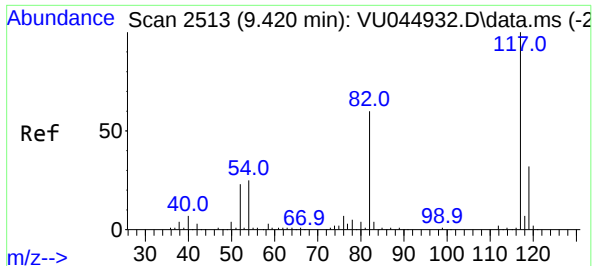
Tgt Ion: 98 Resp: 511094
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.969 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.004 min
Lab File: VU045402.D
Acq: 26 Oct 2021 15:05

Tgt Ion: 95 Resp: 192714
Ion Ratio Lower Upper
95 100
174 70.2 0.0 146.6
176 67.8 0.0 141.2

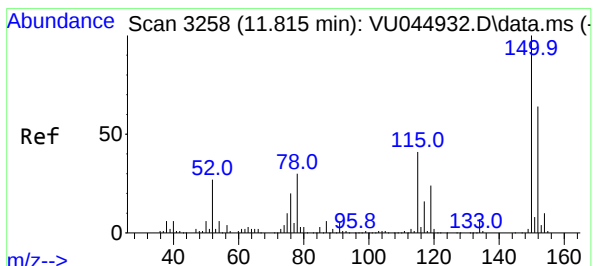
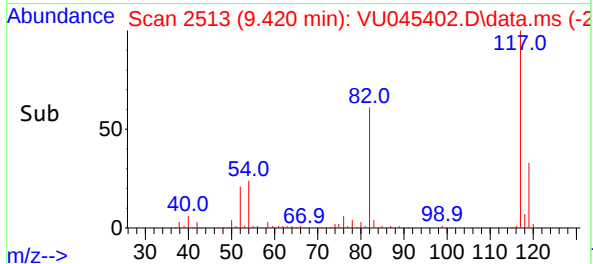
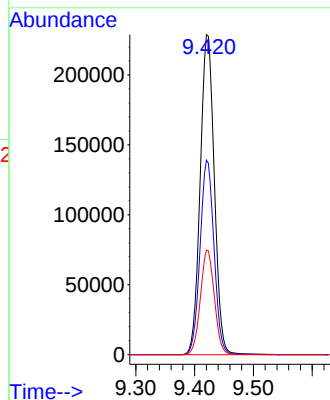
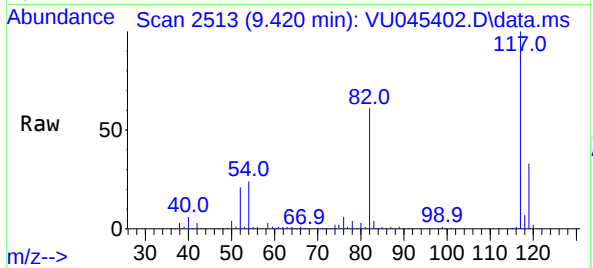




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045402.D
Acq: 26 Oct 2021 15:05

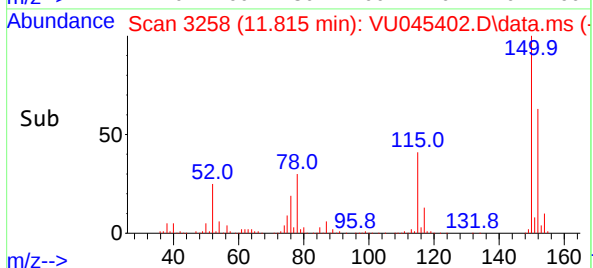
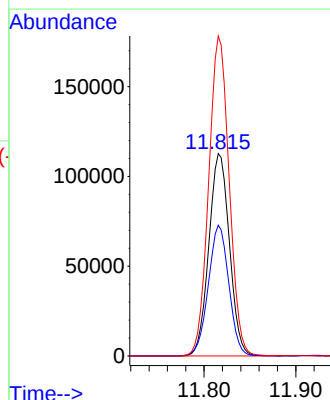
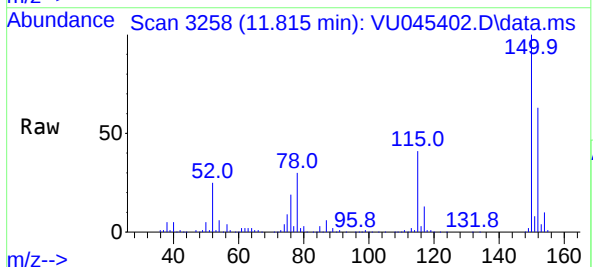
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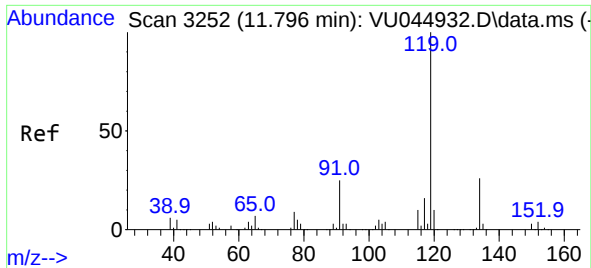
Tgt Ion:117 Resp: 381634
Ion Ratio Lower Upper
117 100
82 60.8 47.8 71.8
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045402.D
Acq: 26 Oct 2021 15:05

Tgt Ion:152 Resp: 175650
Ion Ratio Lower Upper
152 100
115 64.5 43.5 130.7
150 157.0 0.0 350.0





#86
 p-Isopropyltoluene
 Concen: 1.858 ug/l
 RT: 11.796 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU045402.D
 Acq: 26 Oct 2021 15:05

Instrument :
 MSVOA_U
 ClientSampleId :
 20877DL

Tgt Ion:119	Resp:	21455
Ion	Ratio	Lower Upper
119	100	
134	25.6	12.8 38.3
91	26.8	12.2 36.6

