

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045729.D
 Acq On : 11 Nov 2021 10:54
 Operator : SY/MD
 Sample : VU1111MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 06:05:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	124160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	227145	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	228603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	105558	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	99435	53.476	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.960%	
35) Dibromofluoromethane	5.295	113	78130	51.519	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.040%	
50) Toluene-d8	7.903	98	294209	52.172	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.340%	
62) 4-Bromofluorobenzene	10.636	95	106593	47.138	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.280%	

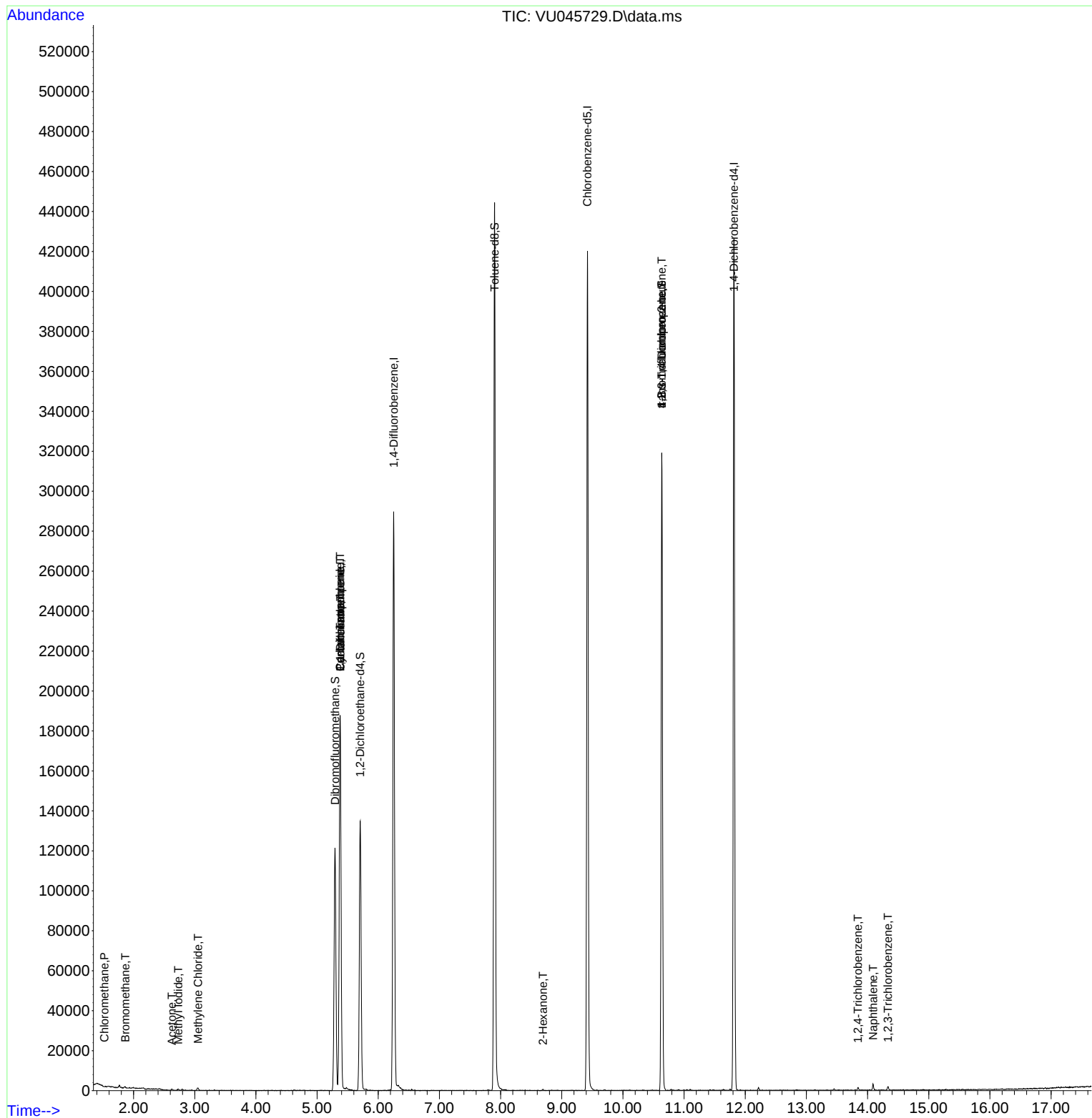
Target Compounds						Qvalue
3) Chloromethane	1.523	50	380	0.206	ug/l #	41
5) Bromomethane	1.864	94	454	0.454	ug/l #	76
10) Methyl Iodide	2.732	142	626	0.345	ug/l #	77
16) Acetone	2.626	43	608	0.642	ug/l #	42
20) Methylene Chloride	3.054	84	633	0.385	ug/l	86
31) Cyclohexane	5.379	56	3069	1.131	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	11047	4.988	ug/l #	50
38) Carbon Tetrachloride	5.375	117	13886	6.219	ug/l #	16
59) 2-Hexanone	8.694	43	494	7.749	ug/l	64
76) 1,2,3-Trichloropropane	10.636	75	55249	17.259	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	55249	56.149	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.841	180	644	0.283	ug/l	92
95) Naphthalene	14.092	128	2692	1.337	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.333	180	792	0.351	ug/l	90

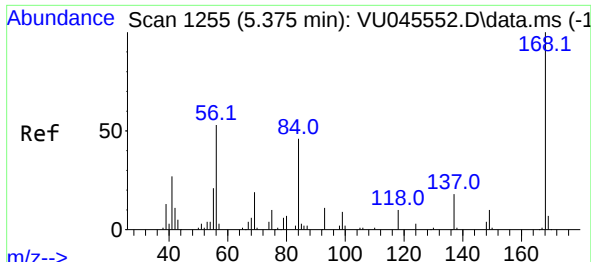
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

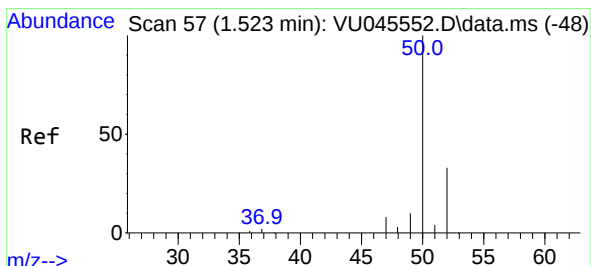
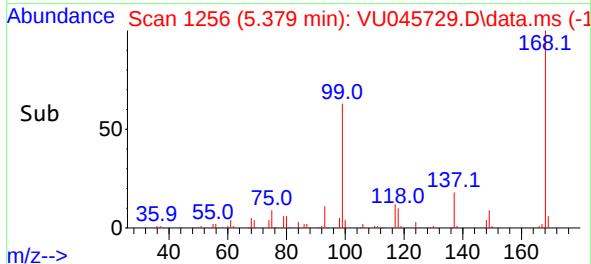
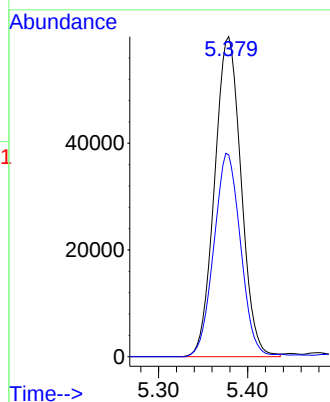
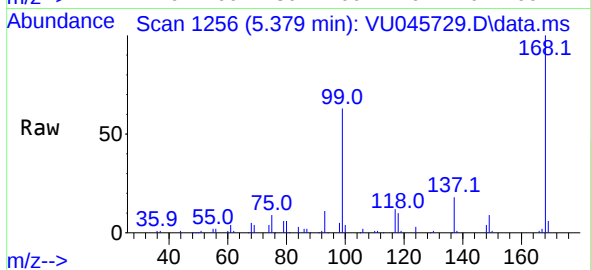




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

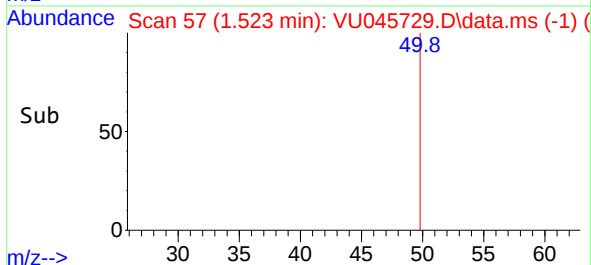
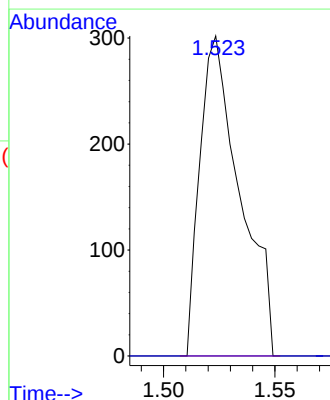
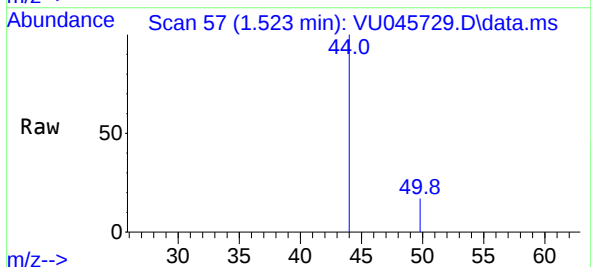
Instrument :
MSVOA_U
ClientSampleId :

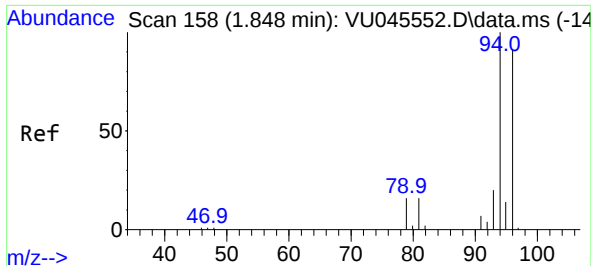
Tgt Ion:168 Resp: 124160
Ion Ratio Lower Upper
168 100
99 63.1 51.0 76.6



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

Tgt Ion: 50 Resp: 380
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

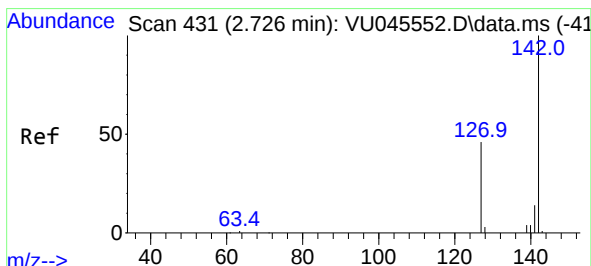
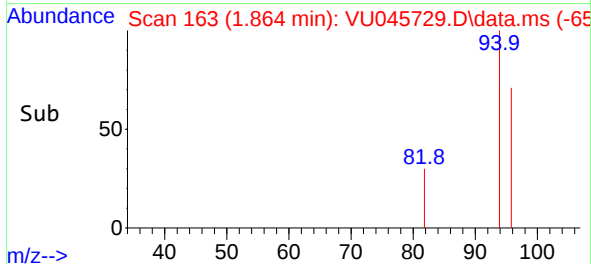
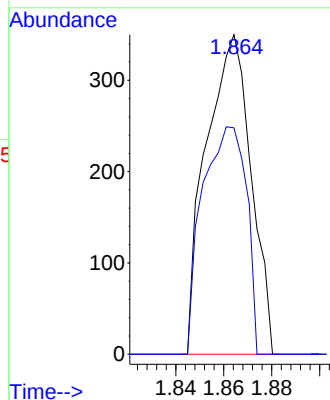
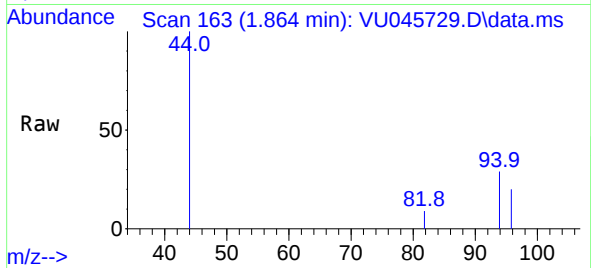




#5
Bromomethane
Concen: 0.454 ug/l
RT: 1.864 min Scan# 1
Delta R.T. 0.016 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

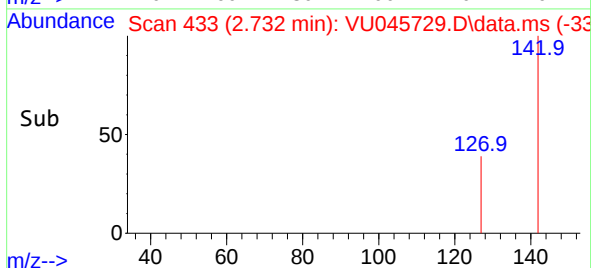
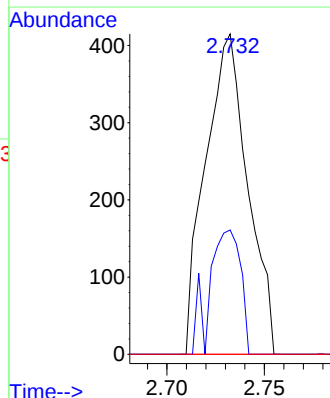
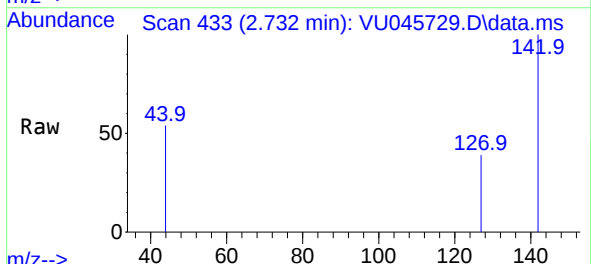
Instrument :
MSVOA_U
ClientSampleId :

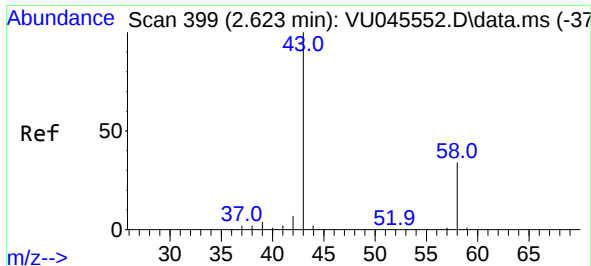
Tgt Ion: 94 Resp: 454
Ion Ratio Lower Upper
94 100
96 70.9 75.4 113.2#



#10
Methyl Iodide
Concen: 0.345 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.006 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

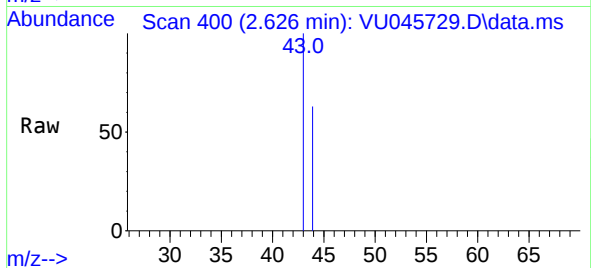
Tgt Ion: 142 Resp: 626
Ion Ratio Lower Upper
142 100
127 28.4 32.2 48.2#
141 0.0 11.3 16.9#



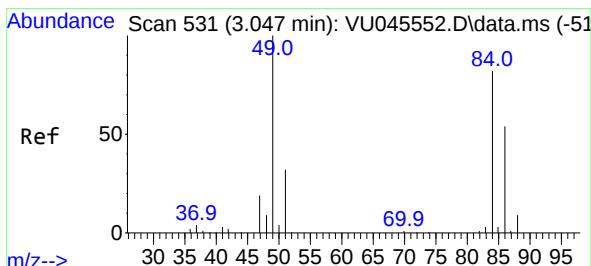
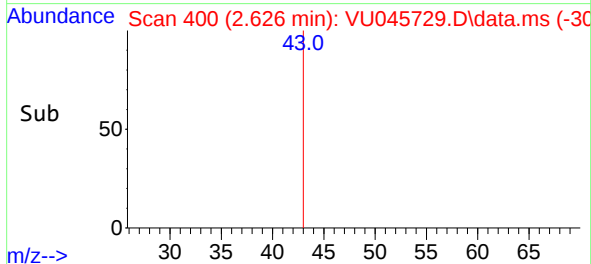
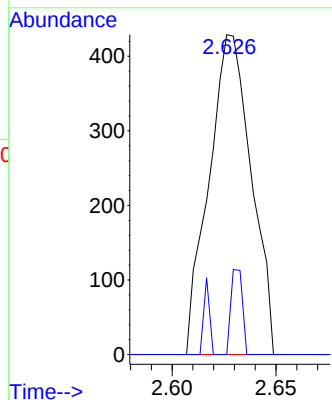


#16
Acetone
Concen: 0.642 ug/l
RT: 2.626 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

Instrument :
MSVOA_U
ClientSampleId :

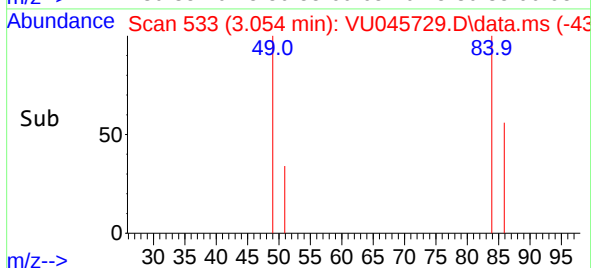
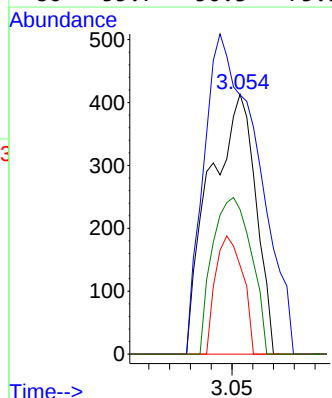
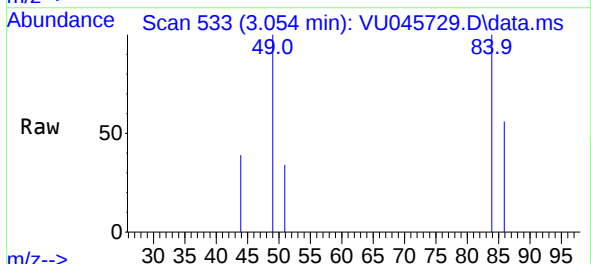


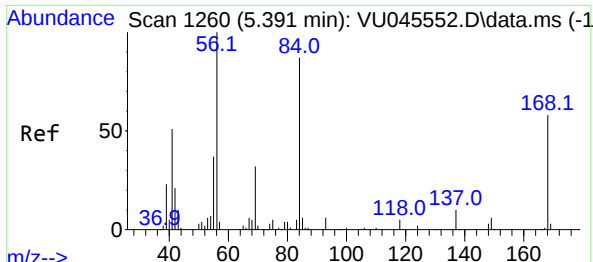
Tgt Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
58 0.0 26.2 39.2#



#20
Methylene Chloride
Concen: 0.385 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.006 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

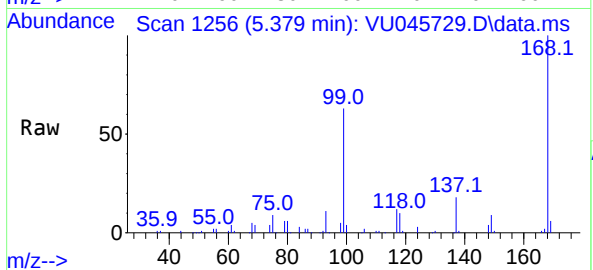
Tgt Ion: 84 Resp: 633
Ion Ratio Lower Upper
84 100
49 99.8 96.4 144.6
51 34.1 30.5 45.7
86 55.7 50.3 75.5



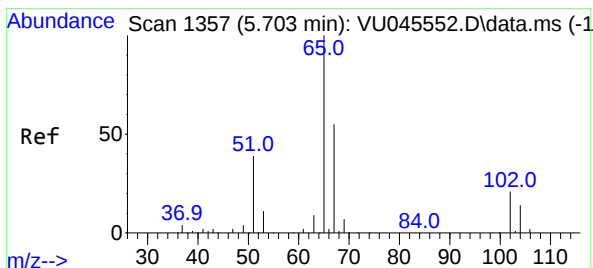
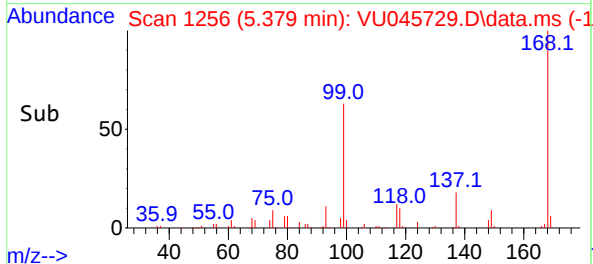
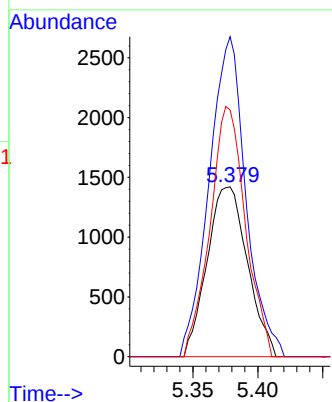


#31
Cyclohexane
Concen: 1.131 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

Instrument :
MSVOA_U
ClientSampleId :

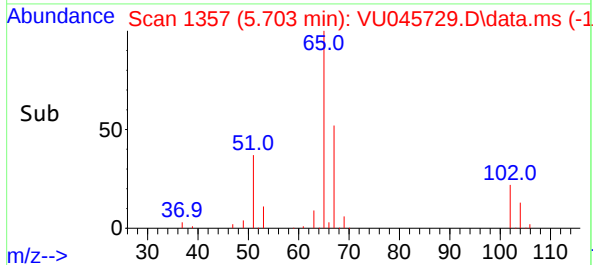
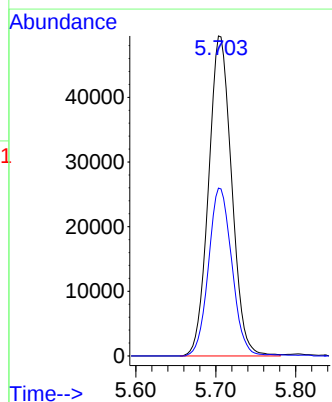
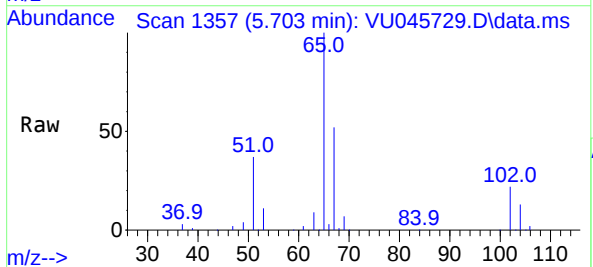


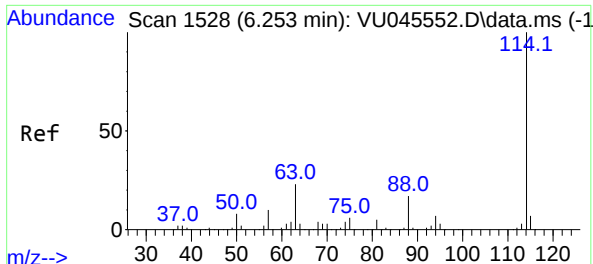
Tgt Ion: 56 Resp: 3069
Ion Ratio Lower Upper
56 100
69 188.5 26.4 39.6#
84 145.3 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 53.476 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

Tgt Ion: 65 Resp: 99435
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.8

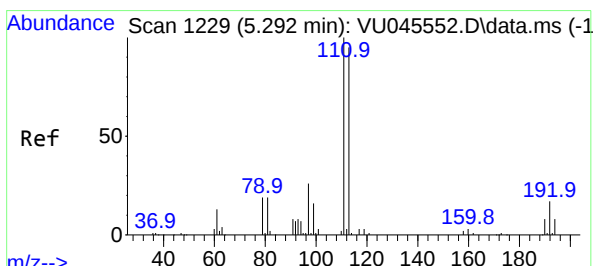
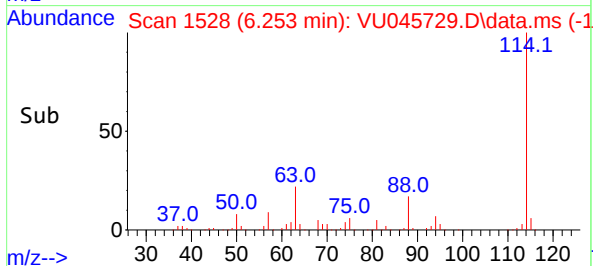
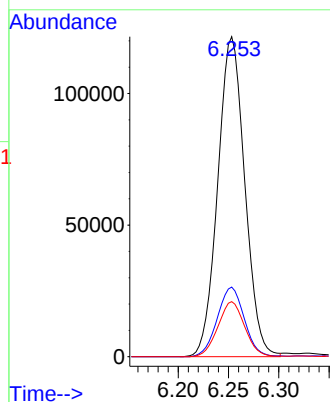
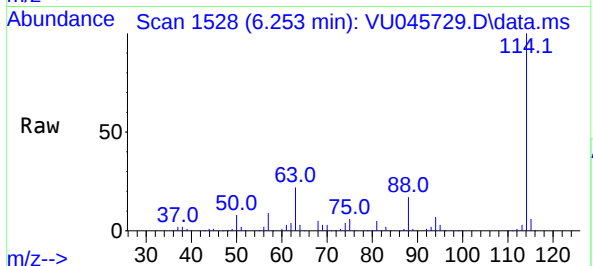




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

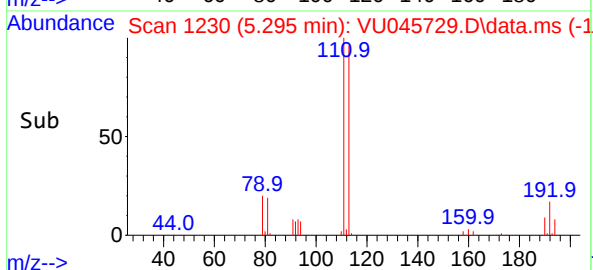
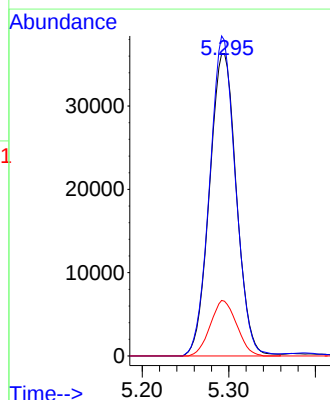
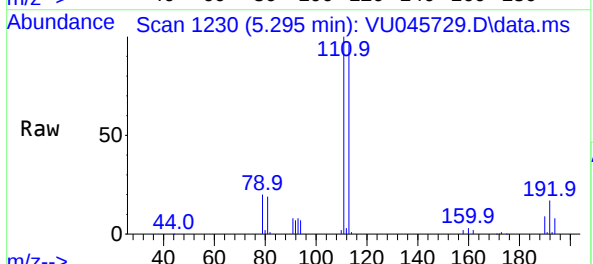
Instrument :
MSVOA_U
ClientSampleId :

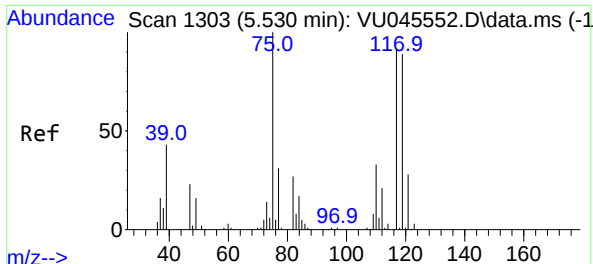
Tgt Ion:114 Resp: 227145
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.6
88 17.2 0.0 33.8



#35
Dibromofluoromethane
Concen: 51.519 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

Tgt Ion:113 Resp: 78130
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 18.0 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.988 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU045729.D

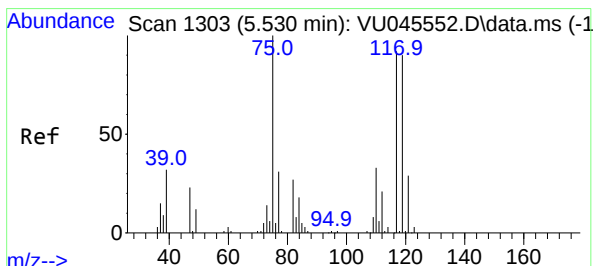
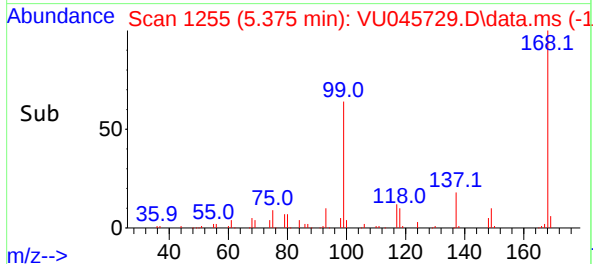
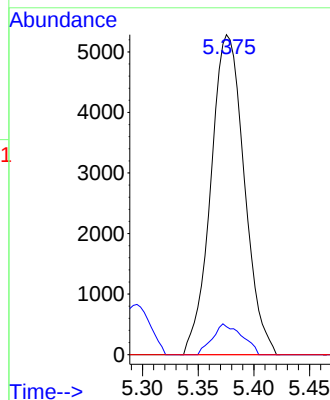
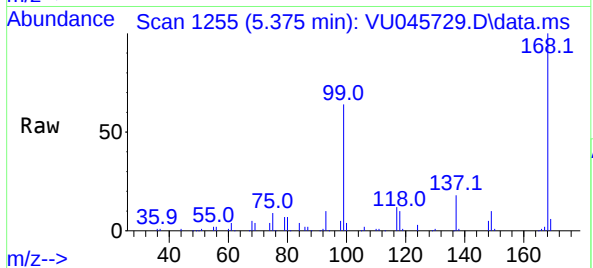
Acq: 11 Nov 2021 10:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	11047
Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.7	50.0#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 6.219 ug/l

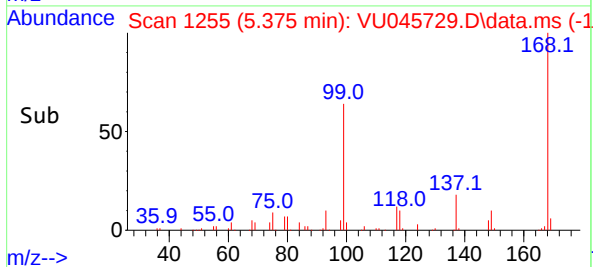
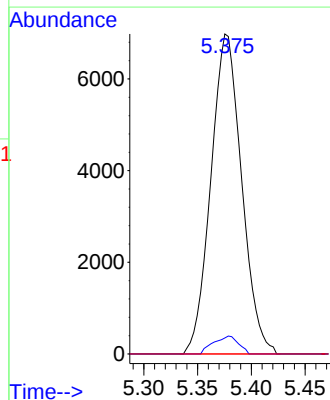
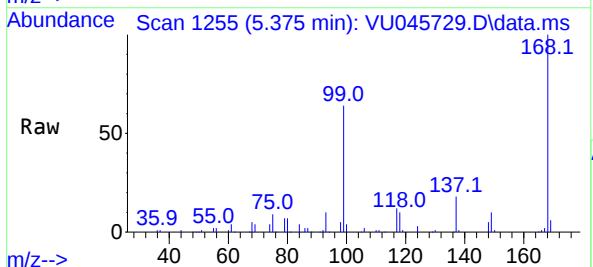
RT: 5.375 min Scan# 1255

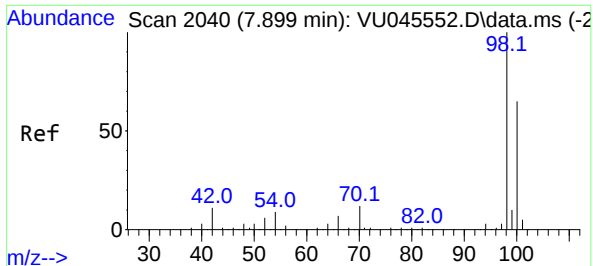
Delta R.T. -0.154 min

Lab File: VU045729.D

Acq: 11 Nov 2021 10:54

Tgt Ion:	117	Resp:	13886
Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.4	116.0#
121	0.0	24.8	37.2#

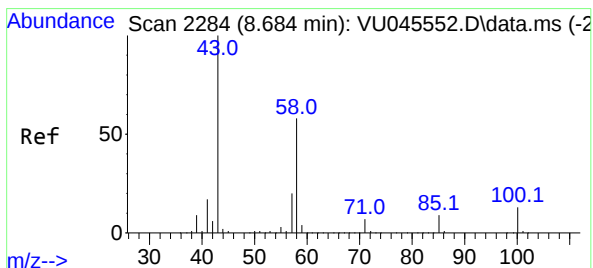
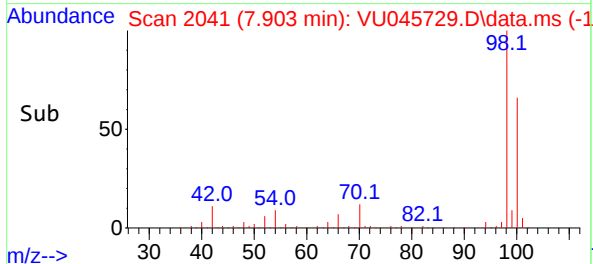
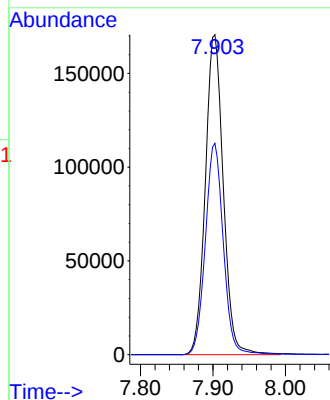
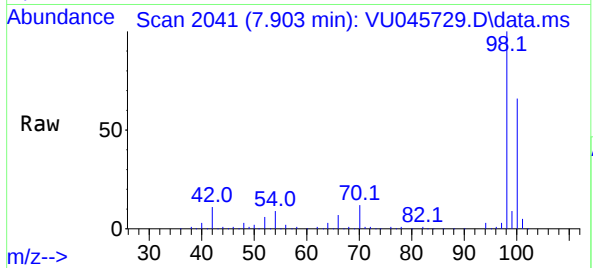




#50
Toluene-d8
Concen: 52.172 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

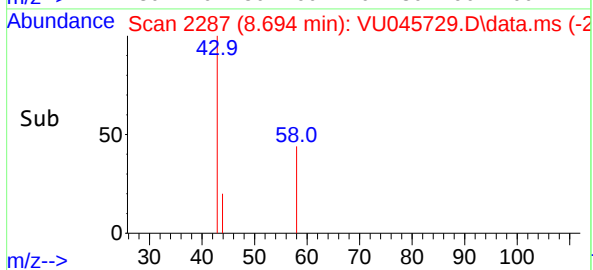
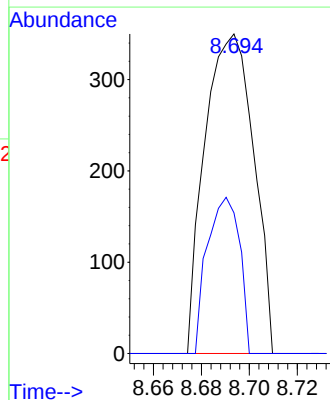
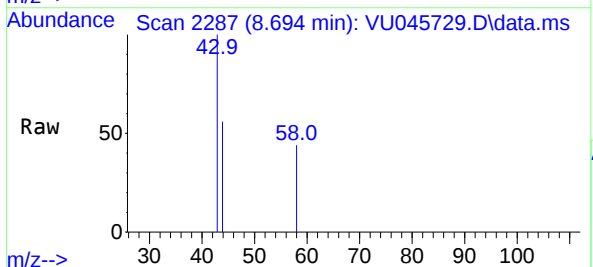
Instrument :
MSVOA_U
ClientSampleId :

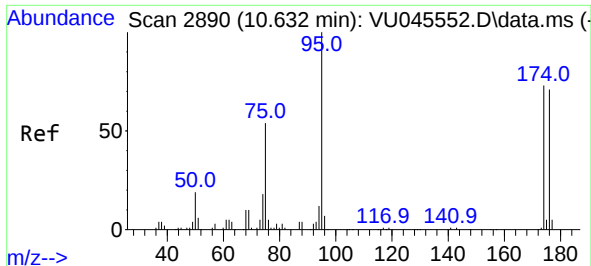
Tgt Ion: 98 Resp: 294209
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#59
2-Hexanone
Concen: 7.749 ug/l
RT: 8.694 min Scan# 2287
Delta R.T. 0.010 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

Tgt Ion: 43 Resp: 494
Ion Ratio Lower Upper
43 100
58 32.4 29.5 88.6

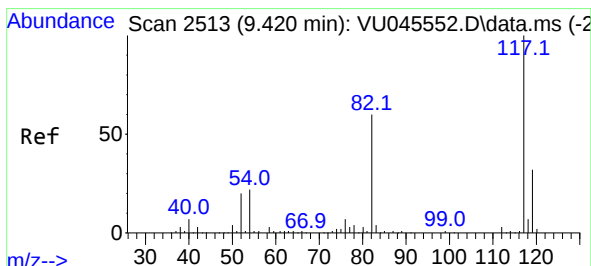
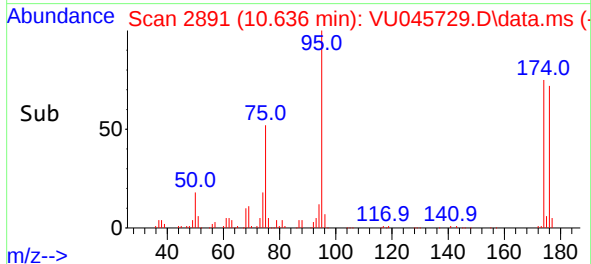
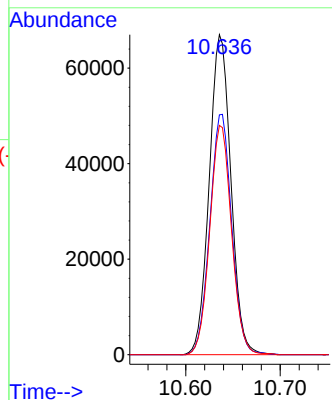
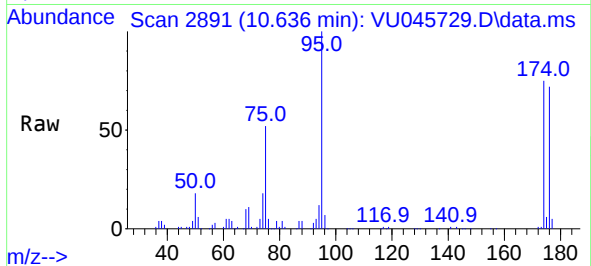




#62
4-Bromofluorobenzene
Concen: 47.138 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

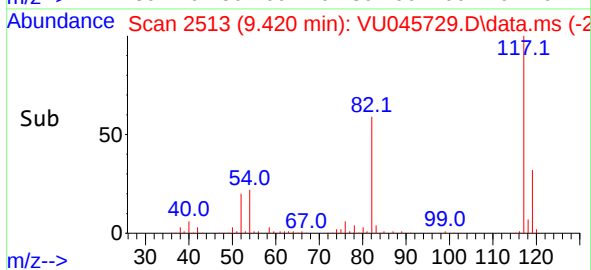
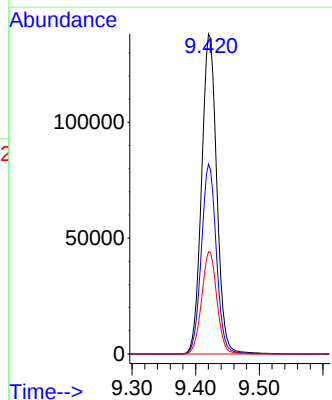
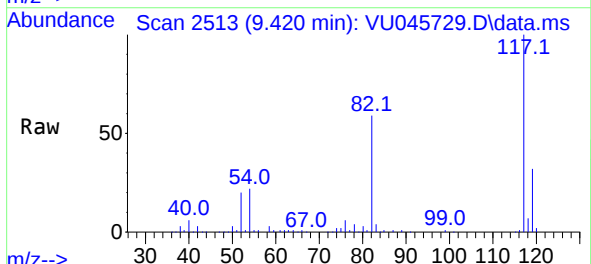
Instrument :
MSVOA_U
ClientSampleId :

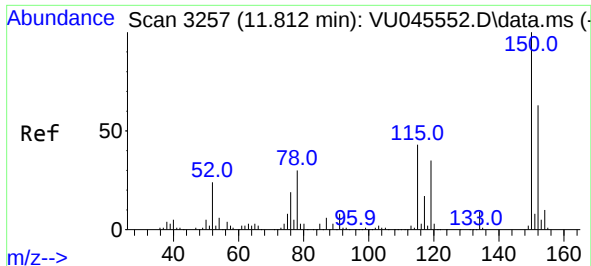
Tgt Ion: 95 Resp: 106593
Ion Ratio Lower Upper
95 100
174 75.9 0.0 141.8
176 72.0 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

Tgt Ion: 117 Resp: 228603
Ion Ratio Lower Upper
117 100
82 59.3 47.8 71.8
119 32.0 25.8 38.8

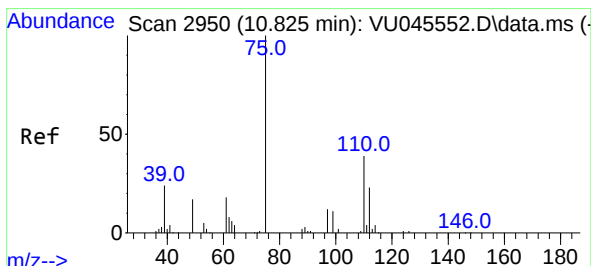
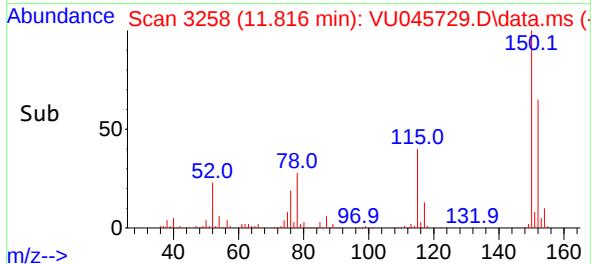
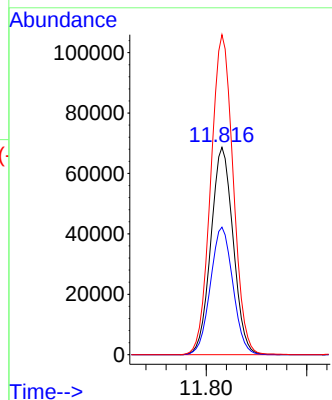
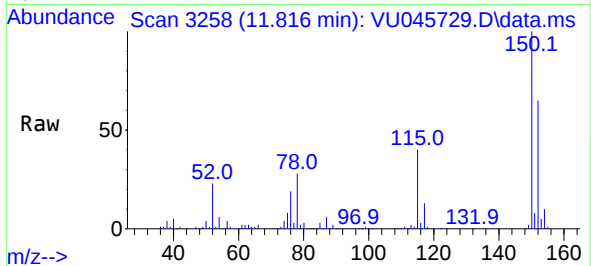




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

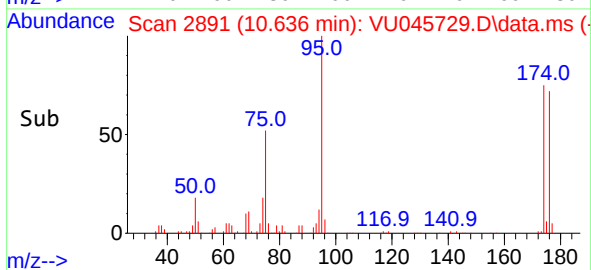
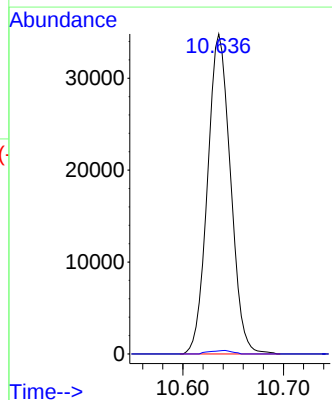
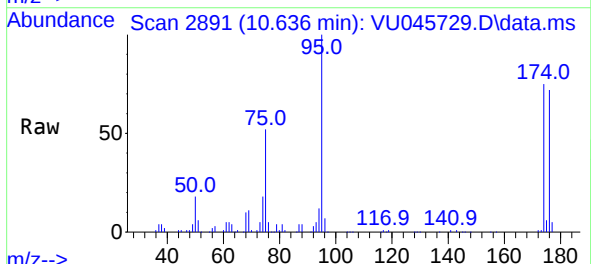
Instrument :
MSVOA_U
ClientSampleId :

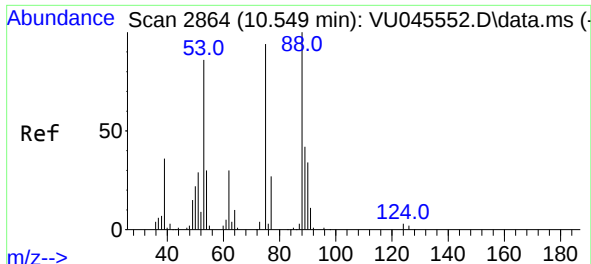
Tgt Ion:152 Resp: 105558
Ion Ratio Lower Upper
152 100
115 62.2 42.7 128.1
150 155.5 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 17.259 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

Tgt Ion: 75 Resp: 55249
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#

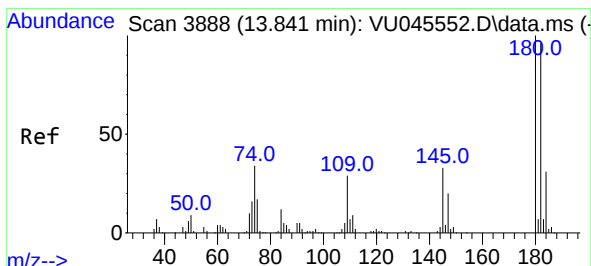
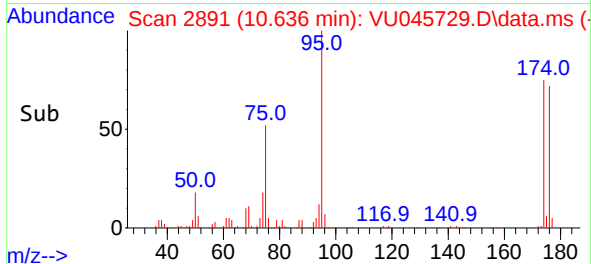
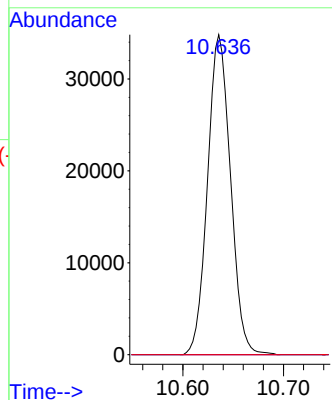
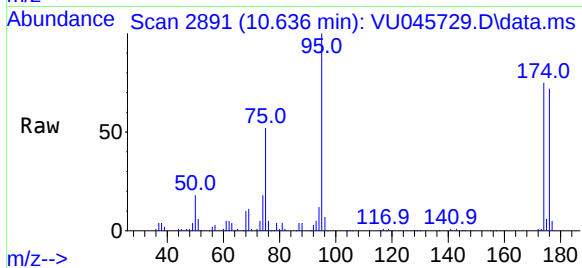




#81
trans-1,4-Dichloro-2-butene
Concen: 56.149 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

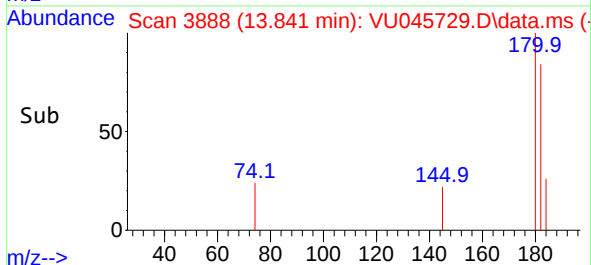
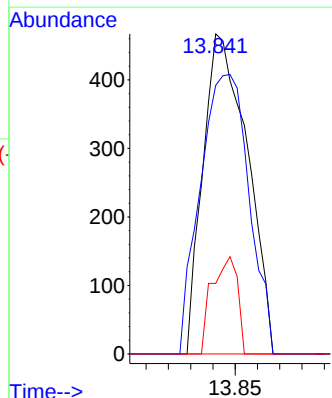
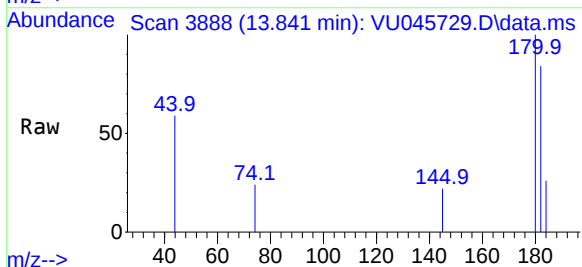
Instrument :
MSVOA_U
ClientSampleId :

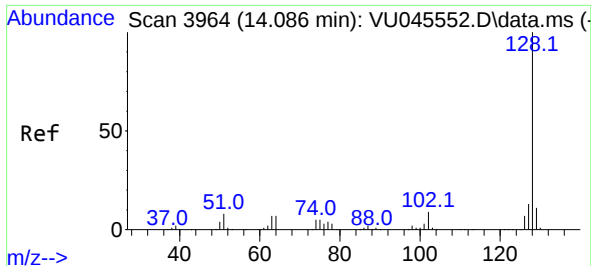
Tgt Ion: 75 Resp: 55249
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.283 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

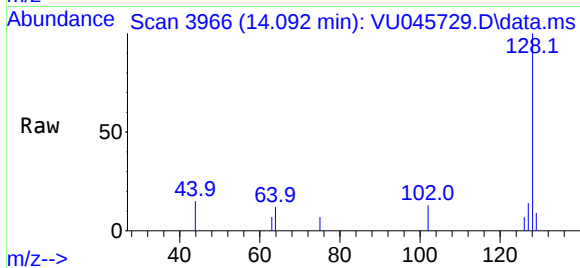
Tgt Ion:180 Resp: 644
Ion Ratio Lower Upper
180 100
182 96.3 47.0 141.2
145 17.5 15.6 46.7



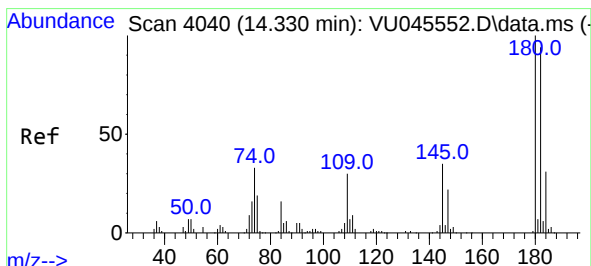
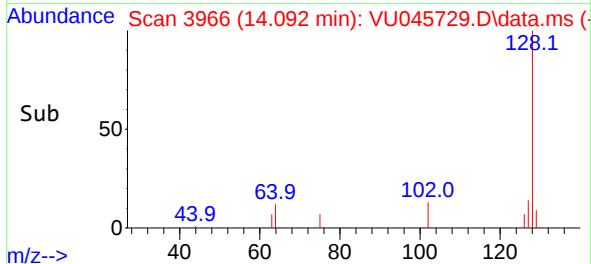
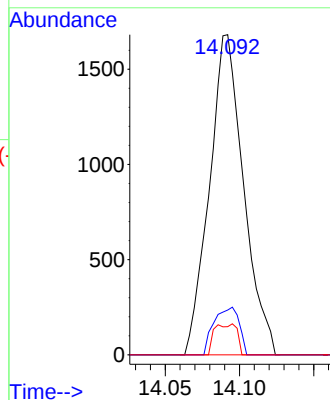


#95
Naphthalene
Concen: 1.337 ug/l
RT: 14.092 min Scan# 3964
Delta R.T. 0.006 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 2692
Ion Ratio Lower Upper
128 100
127 10.9 10.6 15.8
129 6.4 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.351 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045729.D
Acq: 11 Nov 2021 10:54

Tgt Ion:180 Resp: 792
Ion Ratio Lower Upper
180 100
182 87.6 47.7 143.1
145 24.4 16.7 50.0

