

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044842.D
 Acq On : 25 Sep 2021 17:20
 Operator : SY/MD
 Sample : M3797-05
 Misc : 5.02g/10mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 26598

Quant Time: Sep 27 01:33:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

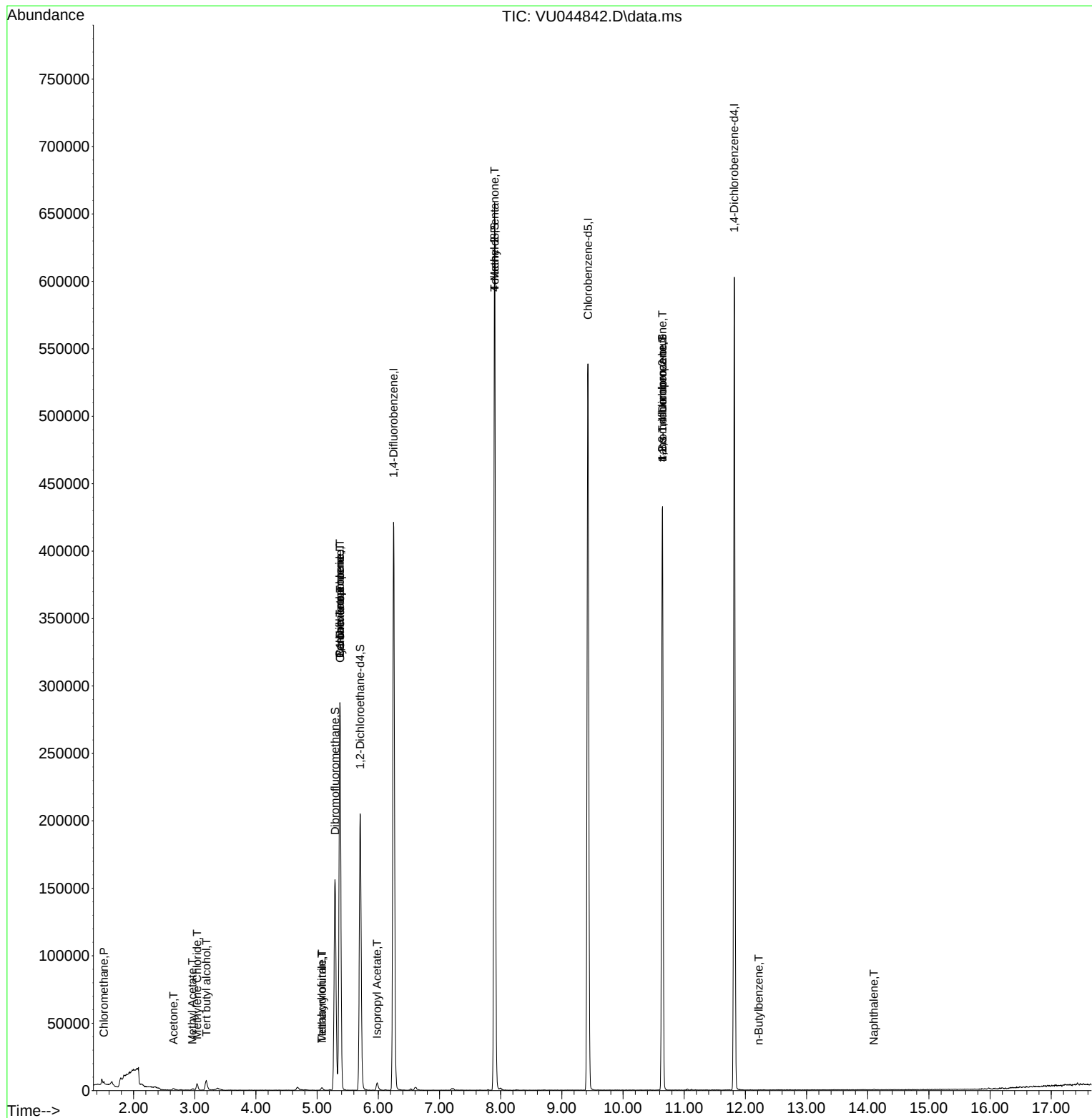
Internal Standards						
1) Pentafluorobenzene	5.372	168	188434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	337058	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	317192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	142624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	161107	48.988	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.980%	
35) Dibromofluoromethane	5.292	113	107373	46.436	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.880%	
50) Toluene-d8	7.902	98	432062	49.475	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.960%	
62) 4-Bromofluorobenzene	10.645	95	150703	46.462	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1052	0.307	ug/l #	85
5) Bromomethane	1.842	94	650	Below Cal		84
6) Chloroethane	1.925	64	116	Below Cal	#	42
11) Tert butyl alcohol	3.189	59	5500	5.730	ug/l #	72
16) Acetone	2.652	43	1640	0.884	ug/l	97
18) Methyl Acetate	2.961	43	1680	0.271	ug/l #	77
20) Methylene Chloride	3.038	84	2506	0.835	ug/l	92
29) Tetrahydrofuran	5.076	42	1420	0.802	ug/l #	89
31) Cyclohexane	5.375	56	5201	1.102	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	18392	5.143	ug/l #	49
38) Carbon Tetrachloride	5.372	117	20198	6.317	ug/l #	15
41) Methacrylonitrile	5.079	41	869	0.332	ug/l #	48
43) Isopropyl Acetate	5.980	43	2474	0.337	ug/l #	61
51) 4-Methyl-2-Pentanone	7.899	43	2203	0.421	ug/l #	1
76) 1,2,3-Trichloropropane	10.645	75	82702	19.149	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.645	75	82702	62.032	ug/l #	9
89) n-Butylbenzene	12.217	91	19	1.278	ug/l #	33
95) Naphthalene	14.102	128	469	0.985	ug/l #	69

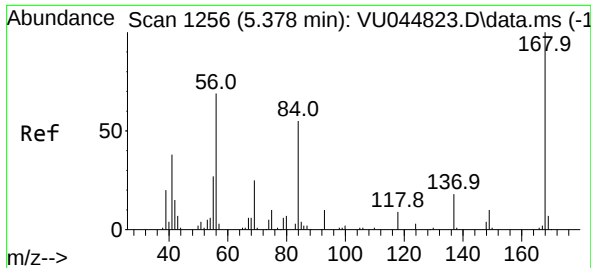
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 25 09:30:46 2021
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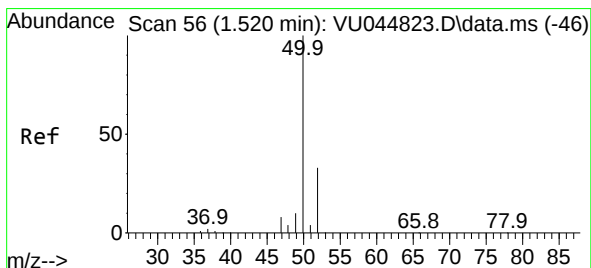
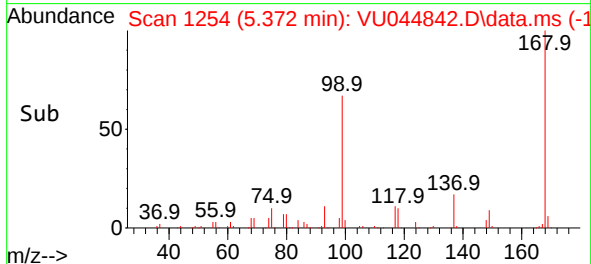
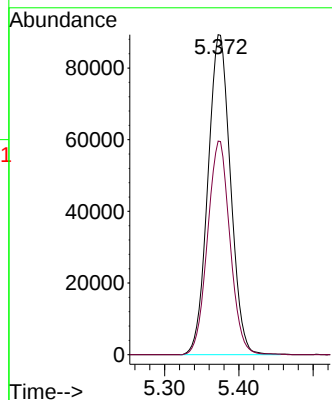
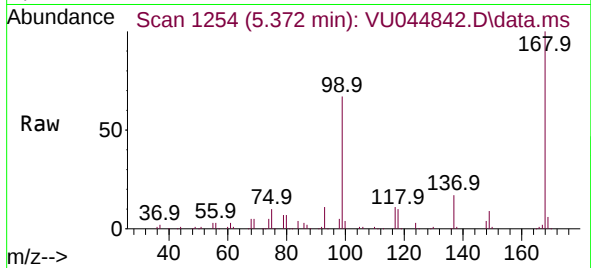




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

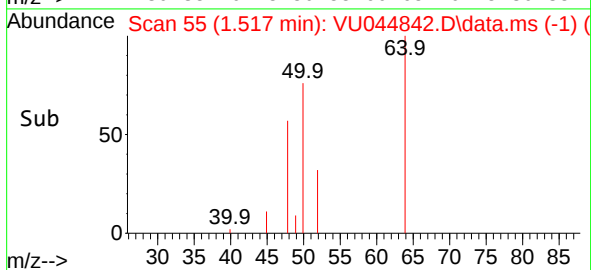
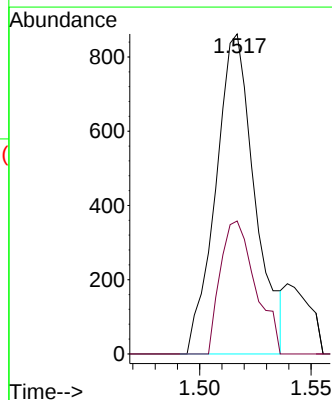
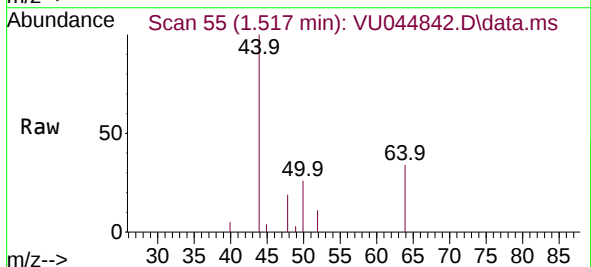
Instrument :
MSVOA_U
ClientSampled :
26598

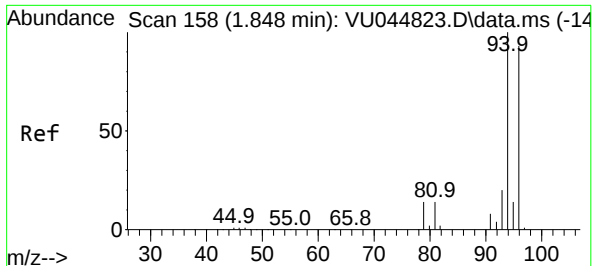
Tgt Ion:168 Resp: 188434
Ion Ratio Lower Upper
168 100
99 66.8 51.4 77.0



#3
Chloromethane
Concen: 0.307 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

Tgt Ion: 50 Resp: 1052
Ion Ratio Lower Upper
50 100
52 41.5 26.3 39.5#

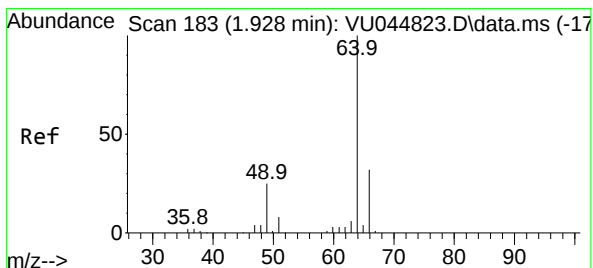
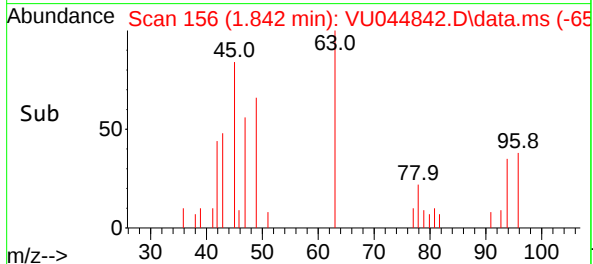
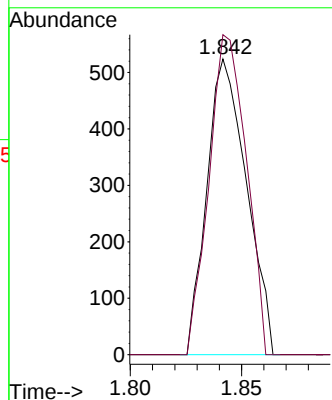
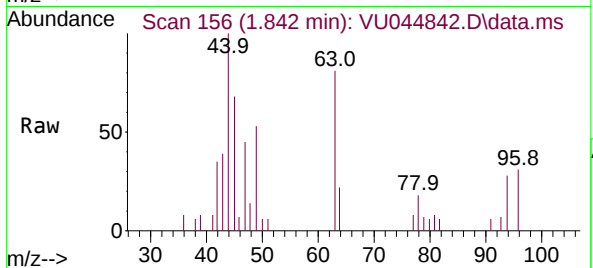




#5
Bromomethane
Concen: Below Cal
RT: 1.842 min Scan# 156
Delta R.T. -0.006 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

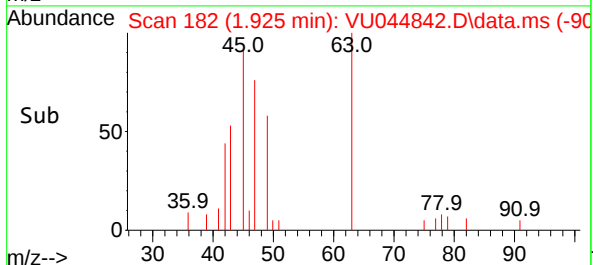
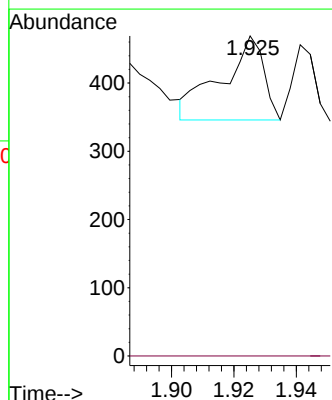
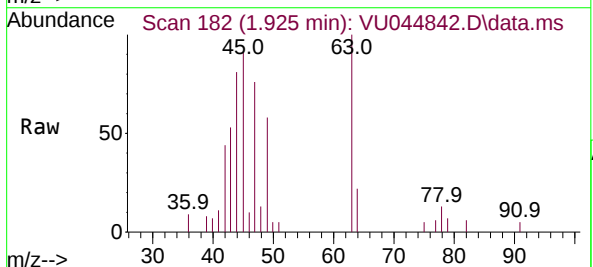
Instrument :
MSVOA_U
ClientSampled :
26598

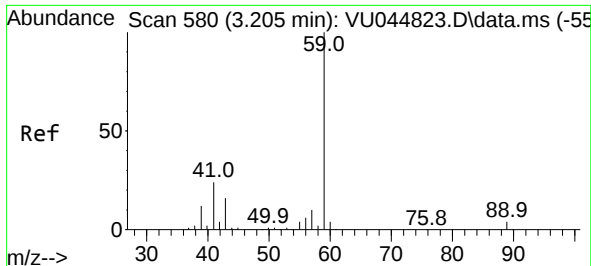
Tgt Ion: 94 Resp: 650
Ion Ratio Lower Upper
94 100
96 108.2 74.5 111.7



#6
Chloroethane
Concen: Below Cal
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

Tgt Ion: 64 Resp: 116
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#



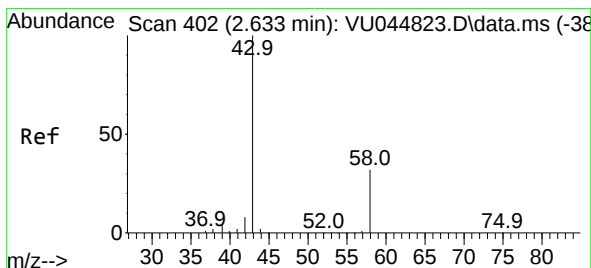
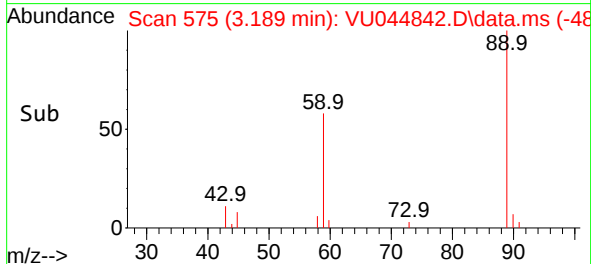
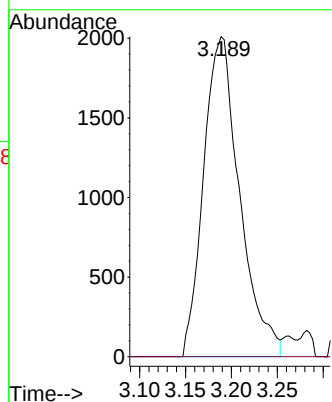
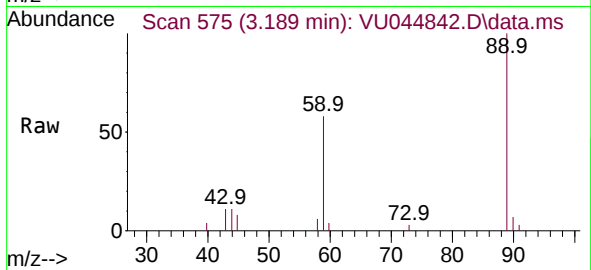


#11

Tert butyl alcohol
Concen: 5.730 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.016 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

Instrument :
MSVOA_U
ClientSampled :
26598

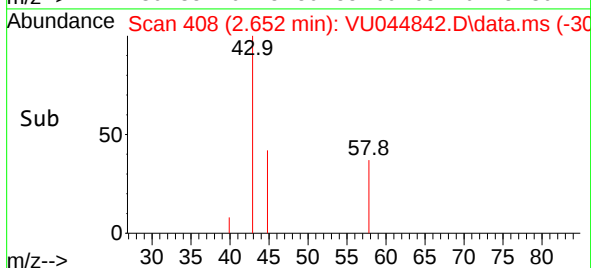
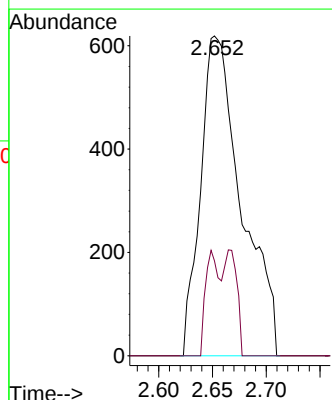
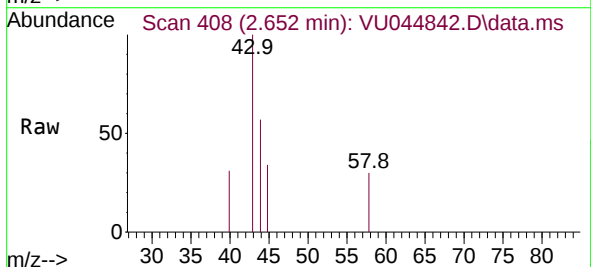
Tgt Ion: 59 Resp: 5500
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

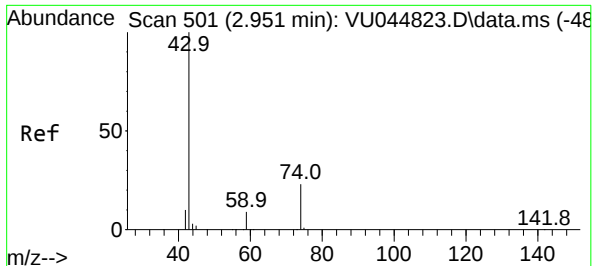


#16

Acetone
Concen: 0.884 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.019 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

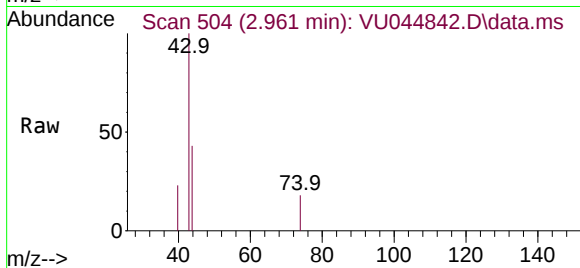
Tgt Ion: 43 Resp: 1640
Ion Ratio Lower Upper
43 100
58 29.7 25.2 37.8



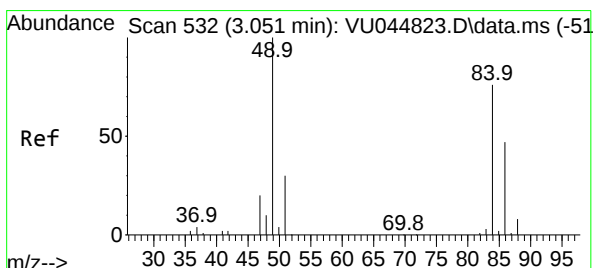
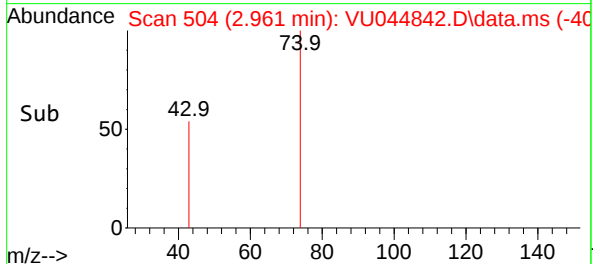
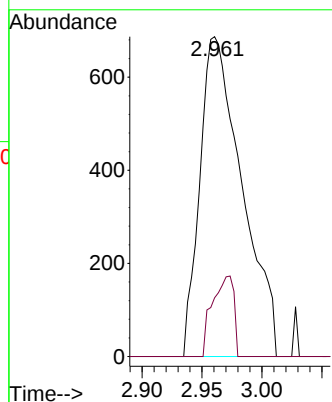


#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.010 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

Instrument :
MSVOA_U
ClientSampleId :
26598

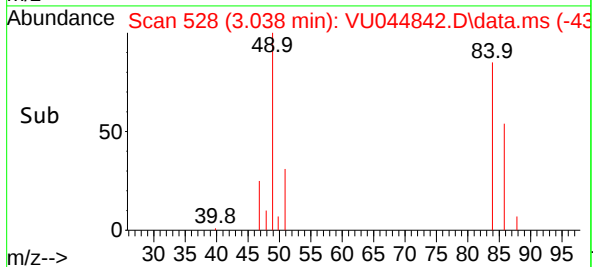
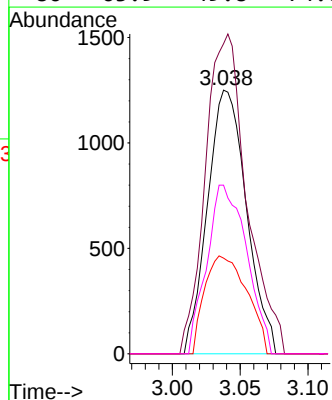
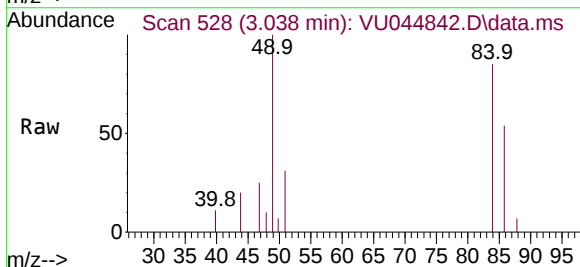


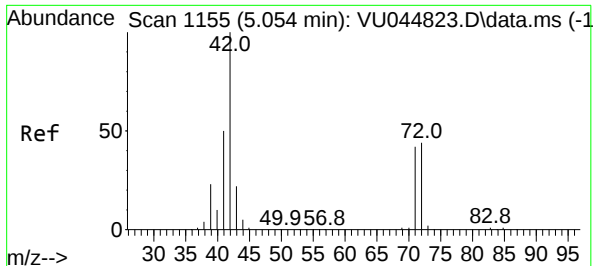
Tgt Ion: 43 Resp: 1680
Ion Ratio Lower Upper
43 100
74 12.7 19.0 28.6#



#20
Methylene Chloride
Concen: 0.835 ug/l
RT: 3.038 min Scan# 528
Delta R.T. -0.013 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

Tgt Ion: 84 Resp: 2506
Ion Ratio Lower Upper
84 100
49 117.6 104.9 157.3
51 36.3 31.8 47.8
86 63.9 49.8 74.6





#29

Tetrahydrofuran

Concen: 0.802 ug/l

RT: 5.076 min Scan# 1162

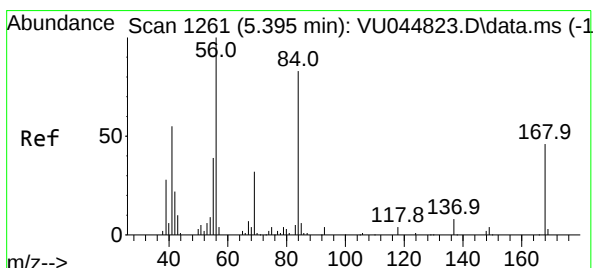
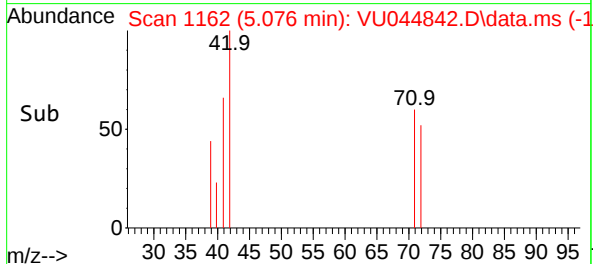
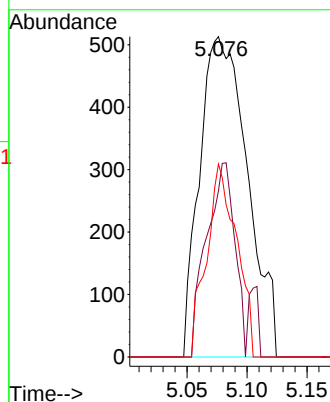
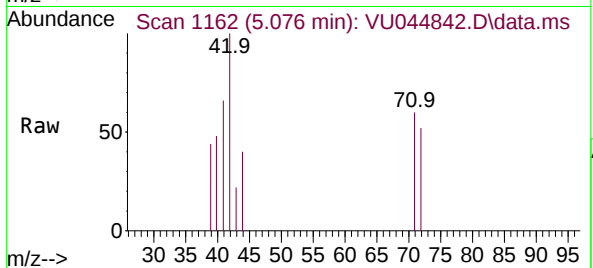
Delta R.T. 0.022 min

Lab File: VU044842.D

Acq: 25 Sep 2021 17:20

Instrument :
MSVOA_U
ClientSampled :
26598

Tgt Ion:	42	Resp:	1420
Ion	Ratio	Lower	Upper
42	100		
72	36.1	36.2	54.4#
71	37.9	34.1	51.1



#31

Cyclohexane

Concen: 1.102 ug/l

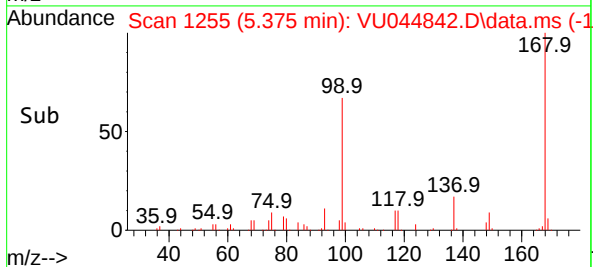
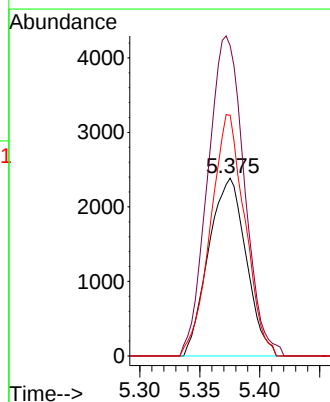
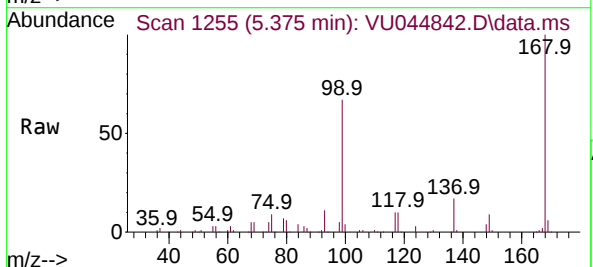
RT: 5.375 min Scan# 1255

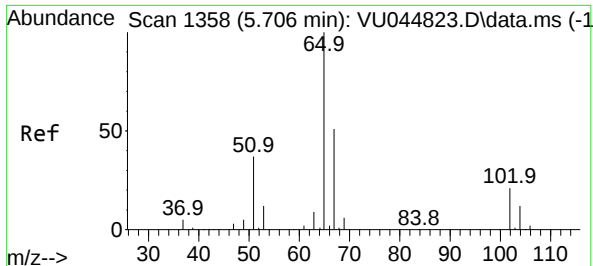
Delta R.T. -0.019 min

Lab File: VU044842.D

Acq: 25 Sep 2021 17:20

Tgt Ion:	56	Resp:	5201
Ion	Ratio	Lower	Upper
56	100		
69	174.6	25.2	37.8#
84	135.4	66.4	99.6#



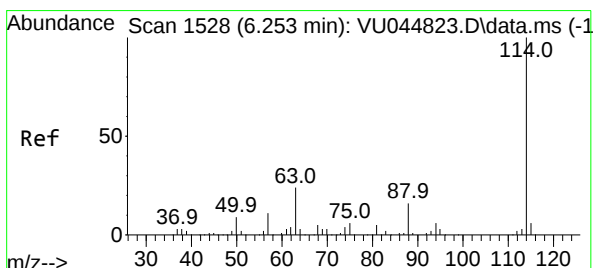
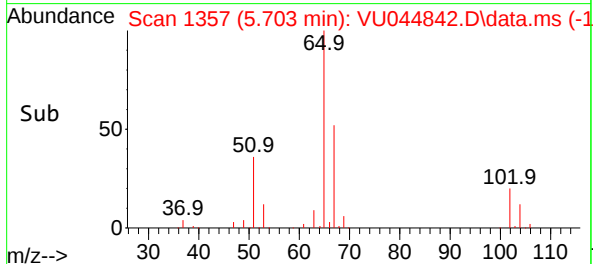
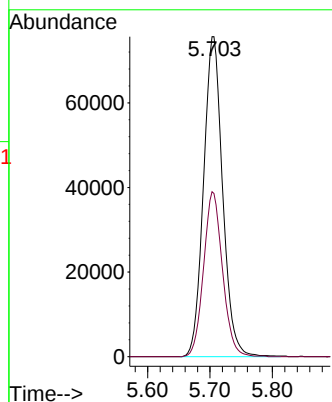
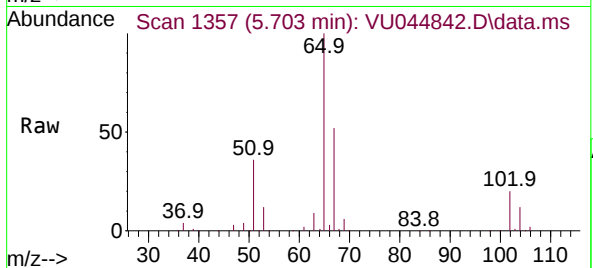


#33

1,2-Dichloroethane-d4
Concen: 48.988 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

Instrument :
MSVOA_U
ClientSampleId :
26598

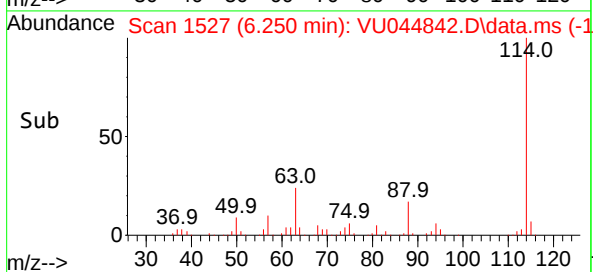
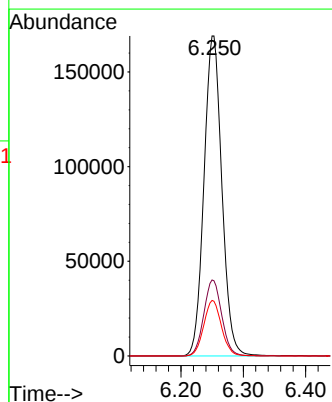
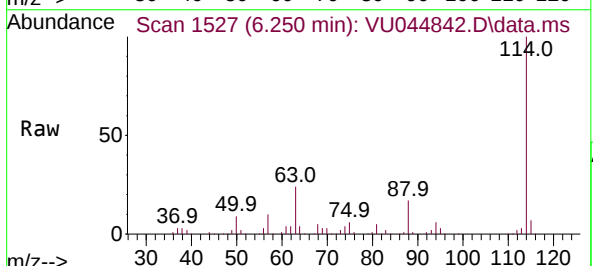
Tgt Ion: 65 Resp: 161107
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8

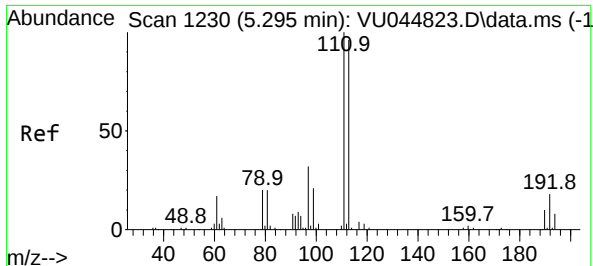


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

Tgt Ion: 114 Resp: 337058
Ion Ratio Lower Upper
114 100
63 23.8 0.0 47.8
88 17.4 0.0 32.8

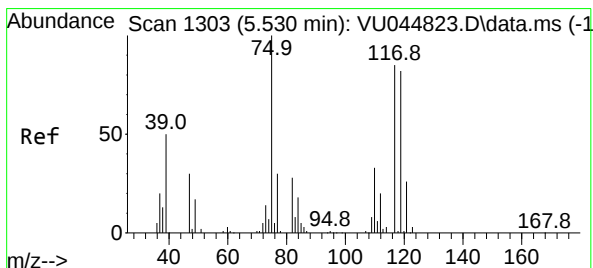
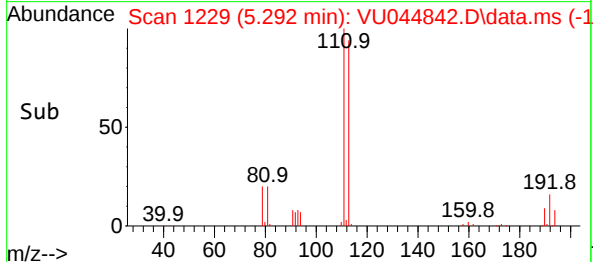
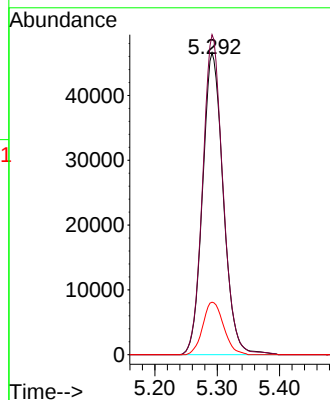
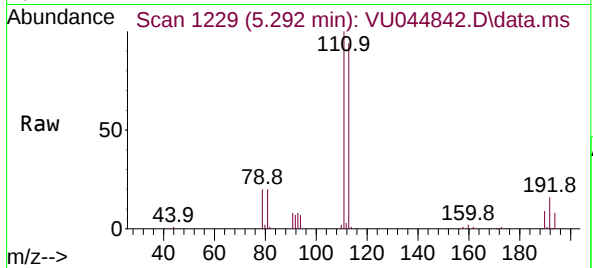




#35
Dibromofluoromethane
Concen: 46.436 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.003 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

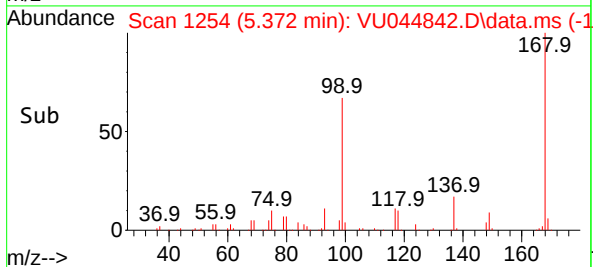
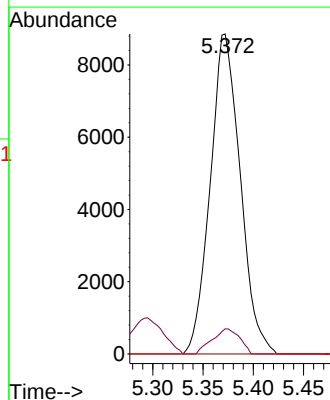
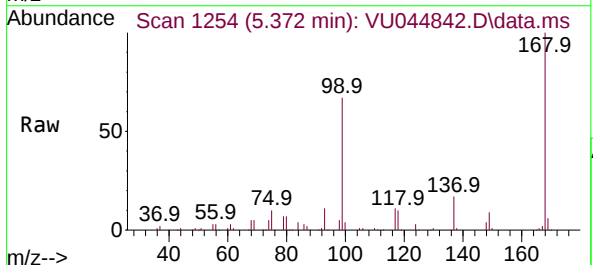
Instrument :
MSVOA_U
ClientSampleId :
26598

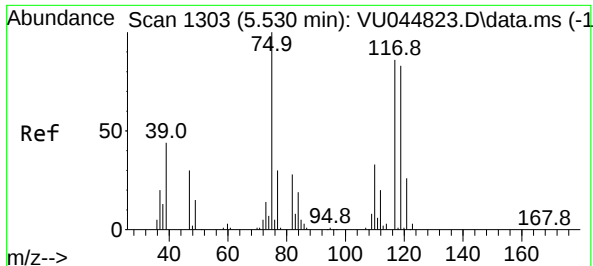
Tgt Ion:113 Resp: 107373
Ion Ratio Lower Upper
113 100
111 103.9 84.1 126.1
192 17.5 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.143 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.158 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

Tgt Ion: 75 Resp: 18392
Ion Ratio Lower Upper
75 100
110 7.2 16.3 48.9#
77 0.0 25.0 37.4#

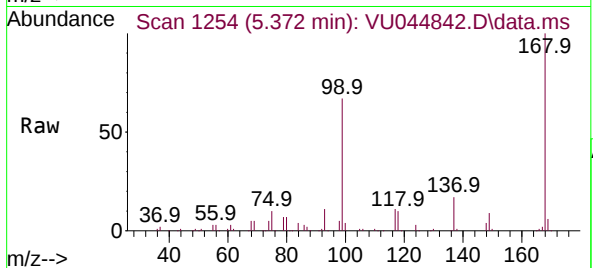




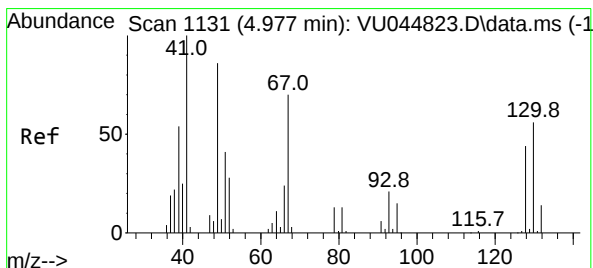
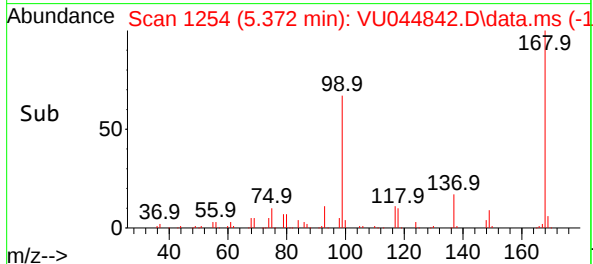
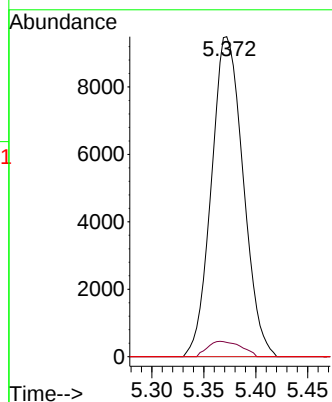
#38

Carbon Tetrachloride
Concen: 6.317 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.158 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

Instrument :
MSVOA_U
ClientSampled :
26598



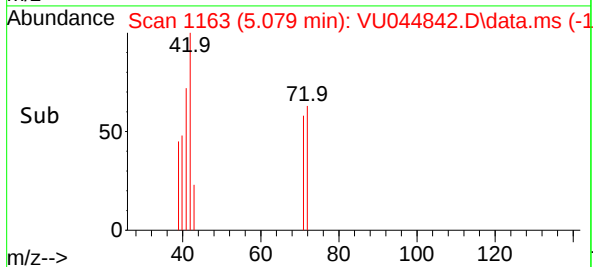
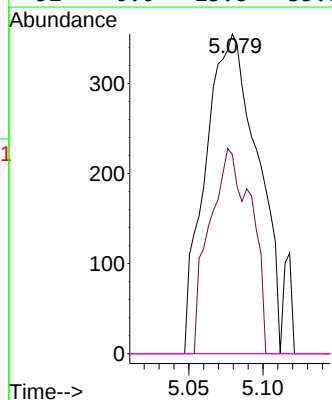
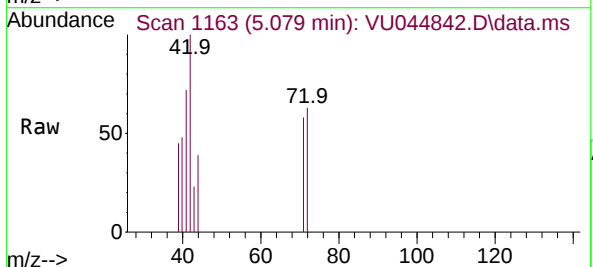
Tgt Ion:	117	Resp:	20198
Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.4	116.2#
121	0.0	24.5	36.7#

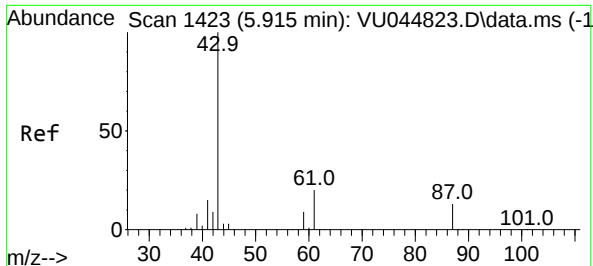


#41

Methacrylonitrile
Concen: 0.332 ug/l
RT: 5.079 min Scan# 1163
Delta R.T. 0.103 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

Tgt Ion:	41	Resp:	869
Ion	Ratio	Lower	Upper
41	100		
39	51.2	44.4	66.6
67	0.0	58.1	87.1#
52	0.0	23.8	35.8#





#43

Isopropyl Acetate

Concen: 0.337 ug/l

RT: 5.980 min Scan# 1443

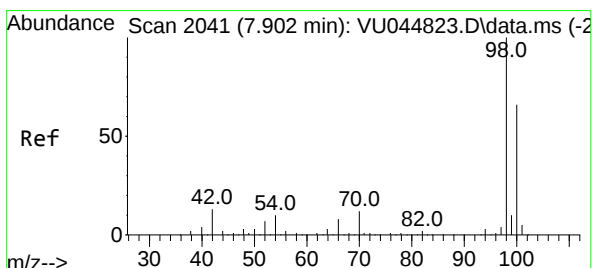
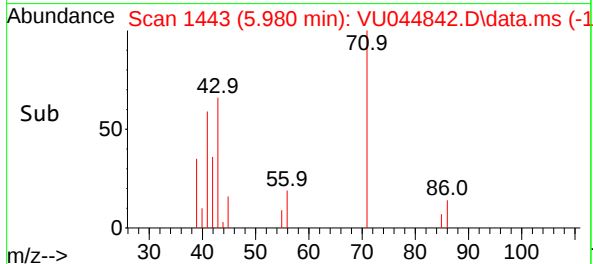
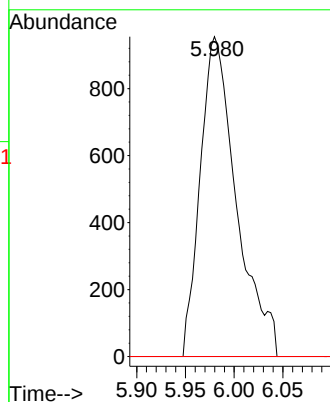
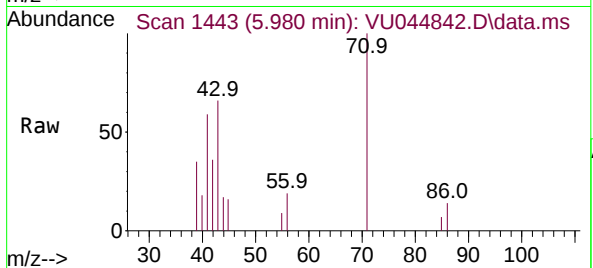
Delta R.T. 0.064 min

Lab File: VU044842.D

Acq: 25 Sep 2021 17:20

Instrument :
MSVOA_U
ClientSampled :
26598

Tgt Ion: 43	Resp: 2474
Ion Ratio	Lower Upper
43 100	
61 0.0	16.1 24.1#
87 0.0	10.3 15.5#



#50

Toluene-d8

Concen: 49.475 ug/l

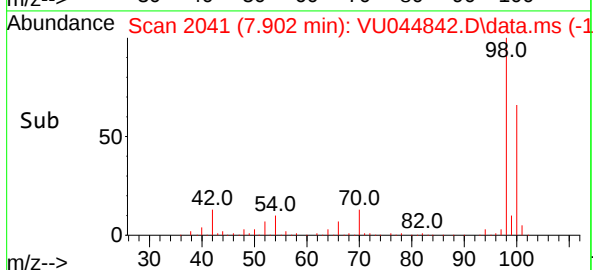
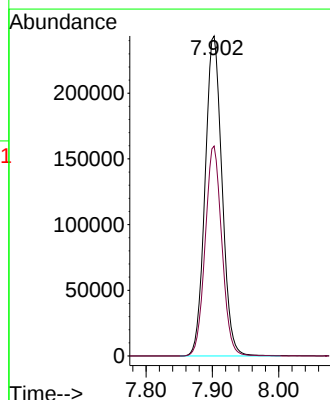
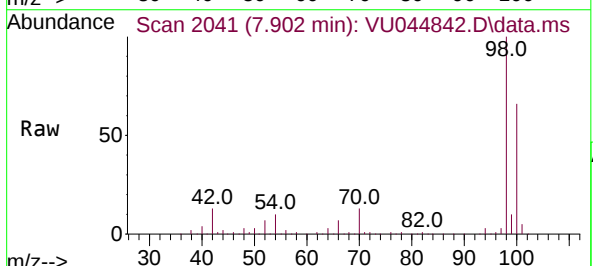
RT: 7.902 min Scan# 2041

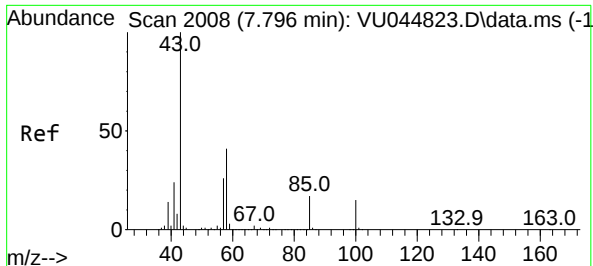
Delta R.T. -0.000 min

Lab File: VU044842.D

Acq: 25 Sep 2021 17:20

Tgt Ion: 98	Resp: 432062
Ion Ratio	Lower Upper
98 100	
100 64.7	52.5 78.7

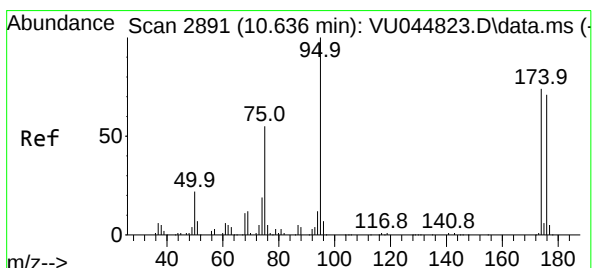
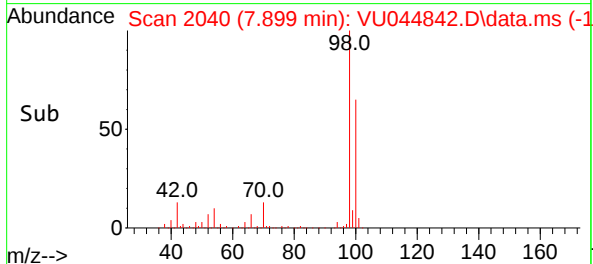
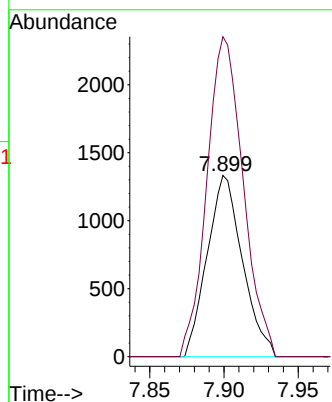
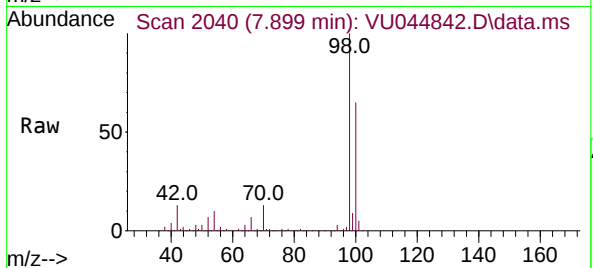




#51
4-Methyl-2-Pentanone
Concen: 0.421 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.103 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

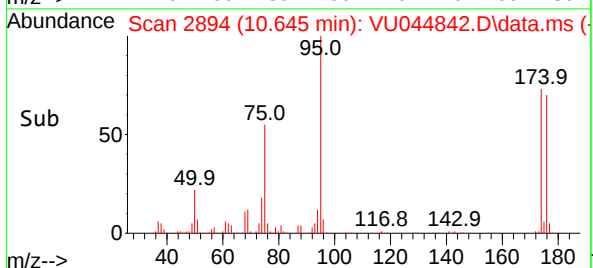
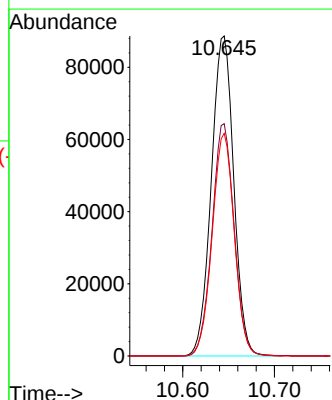
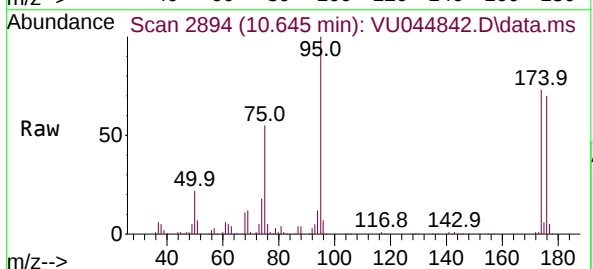
Instrument :
MSVOA_U
ClientSampled :
26598

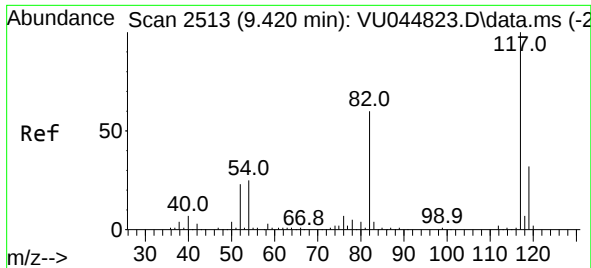
Tgt Ion: 43 Resp: 2203
Ion Ratio Lower Upper
43 100
58 181.0 32.4 48.6#



#62
4-Bromofluorobenzene
Concen: 46.462 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. 0.010 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

Tgt Ion: 95 Resp: 150703
Ion Ratio Lower Upper
95 100
174 71.4 0.0 146.6
176 68.6 0.0 141.2

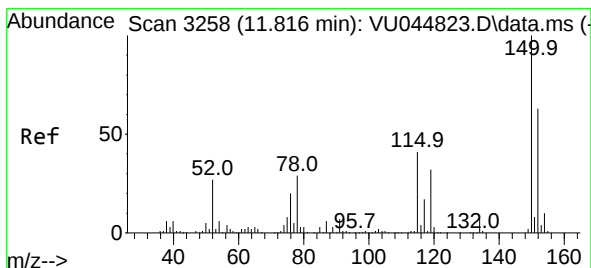
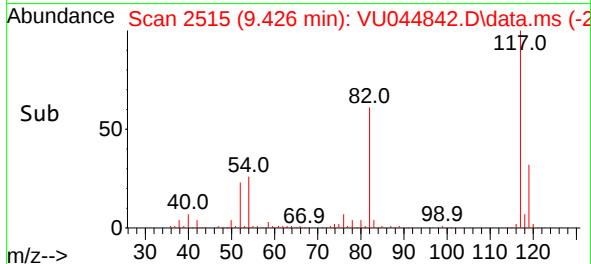
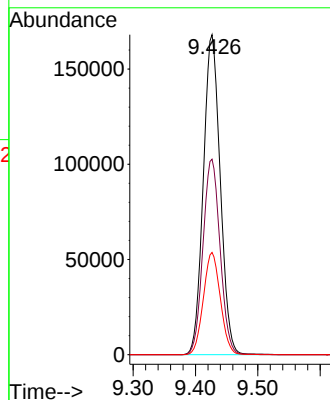
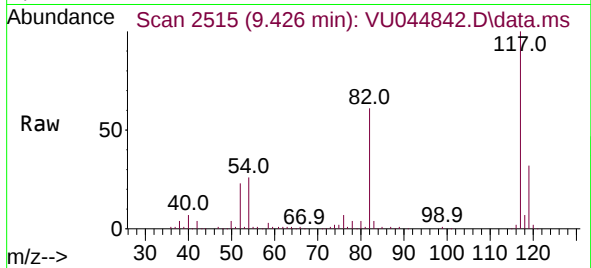




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. 0.006 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

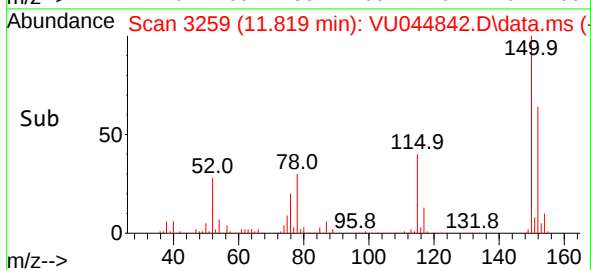
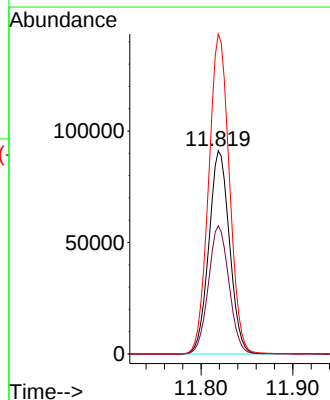
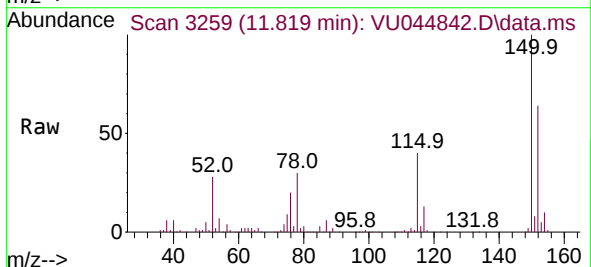
Instrument :
MSVOA_U
ClientSampleId :
26598

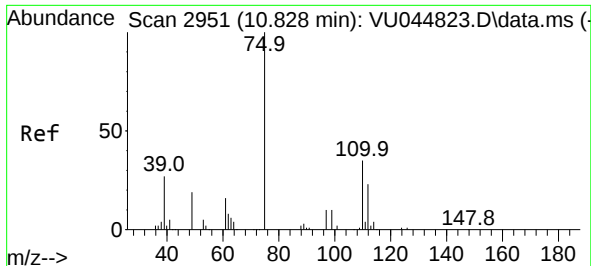
Tgt Ion:117 Resp: 317192
Ion Ratio Lower Upper
117 100
82 61.1 47.8 71.8
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.003 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

Tgt Ion:152 Resp: 142624
Ion Ratio Lower Upper
152 100
115 63.0 43.5 130.7
150 157.7 0.0 350.0

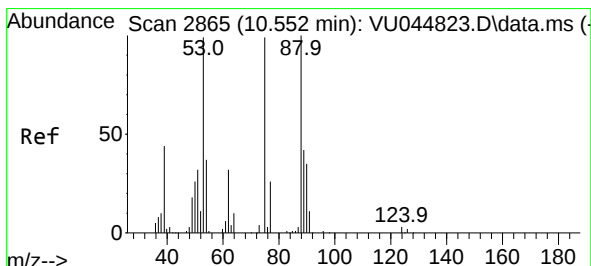
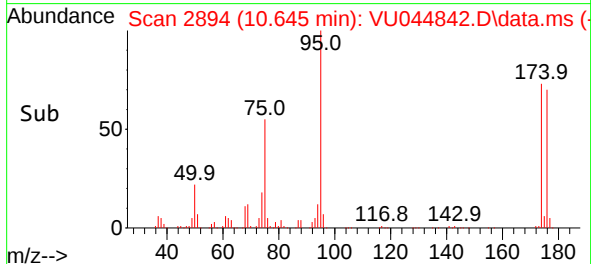
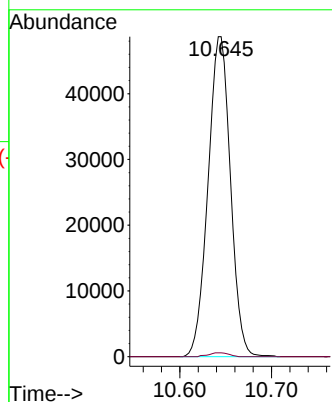
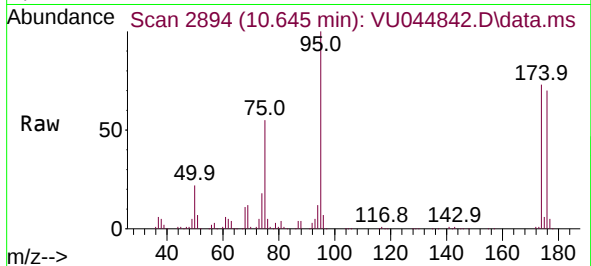




#76
1,2,3-Trichloropropane
Concen: 19.149 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. -0.183 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

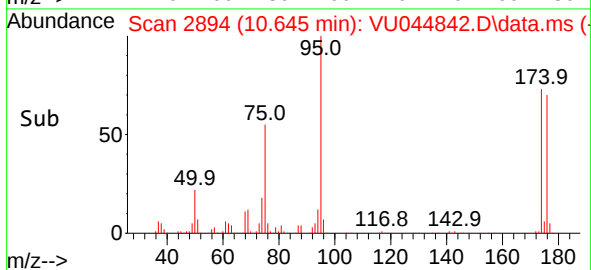
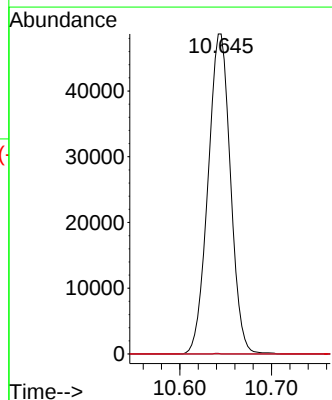
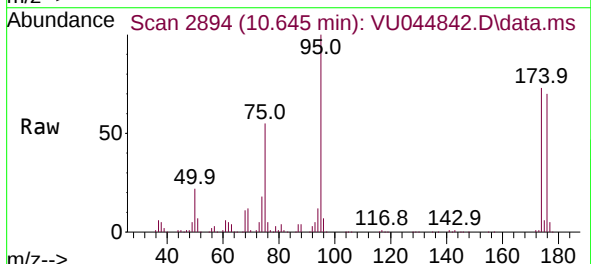
Instrument :
MSVOA_U
ClientSampled :
26598

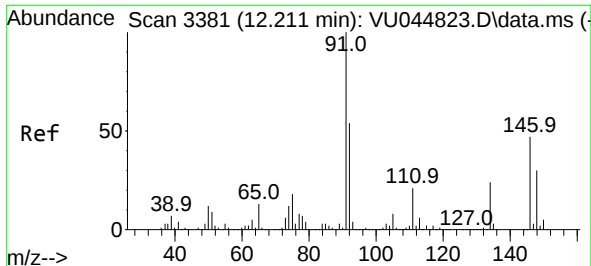
Tgt Ion: 75 Resp: 82702
Ion Ratio Lower Upper
75 100
77 1.1 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.032 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. 0.093 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

Tgt Ion: 75 Resp: 82702
Ion Ratio Lower Upper
75 100
53 0.1 82.0 123.0#
89 0.0 34.2 51.4#

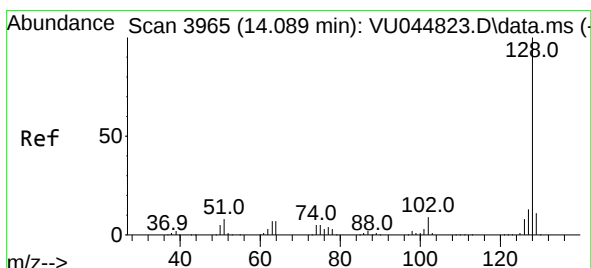
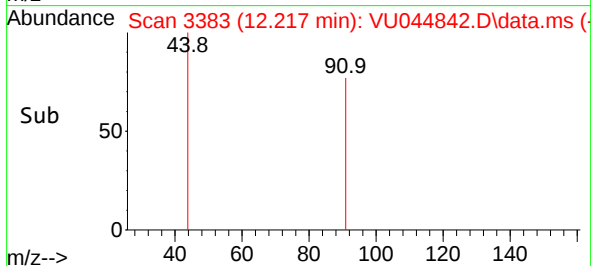
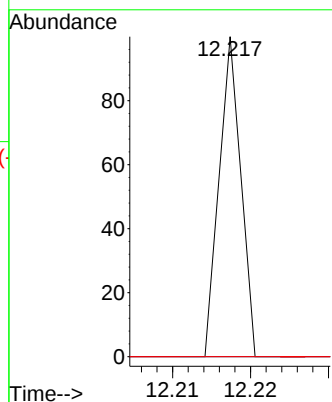
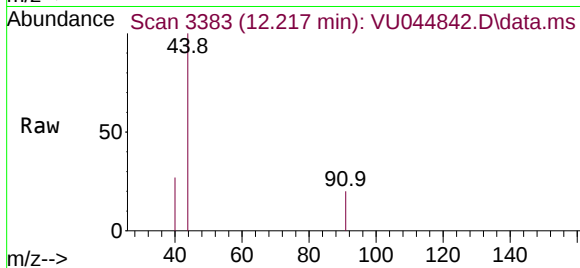




#89
n-Butylbenzene
Concen: 1.278 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.006 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

Instrument :
MSVOA_U
ClientSampled :
26598

Tgt Ion:	91	Resp:	19
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.8	80.4#
134	0.0	11.8	35.4#



#95
Naphthalene
Concen: 0.985 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.013 min
Lab File: VU044842.D
Acq: 25 Sep 2021 17:20

Tgt Ion:	128	Resp:	469
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	13.0#

