

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046188.D
 Acq On : 08 Dec 2021 20:21
 Operator : SY/MD
 Sample : M4971-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 03:21:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

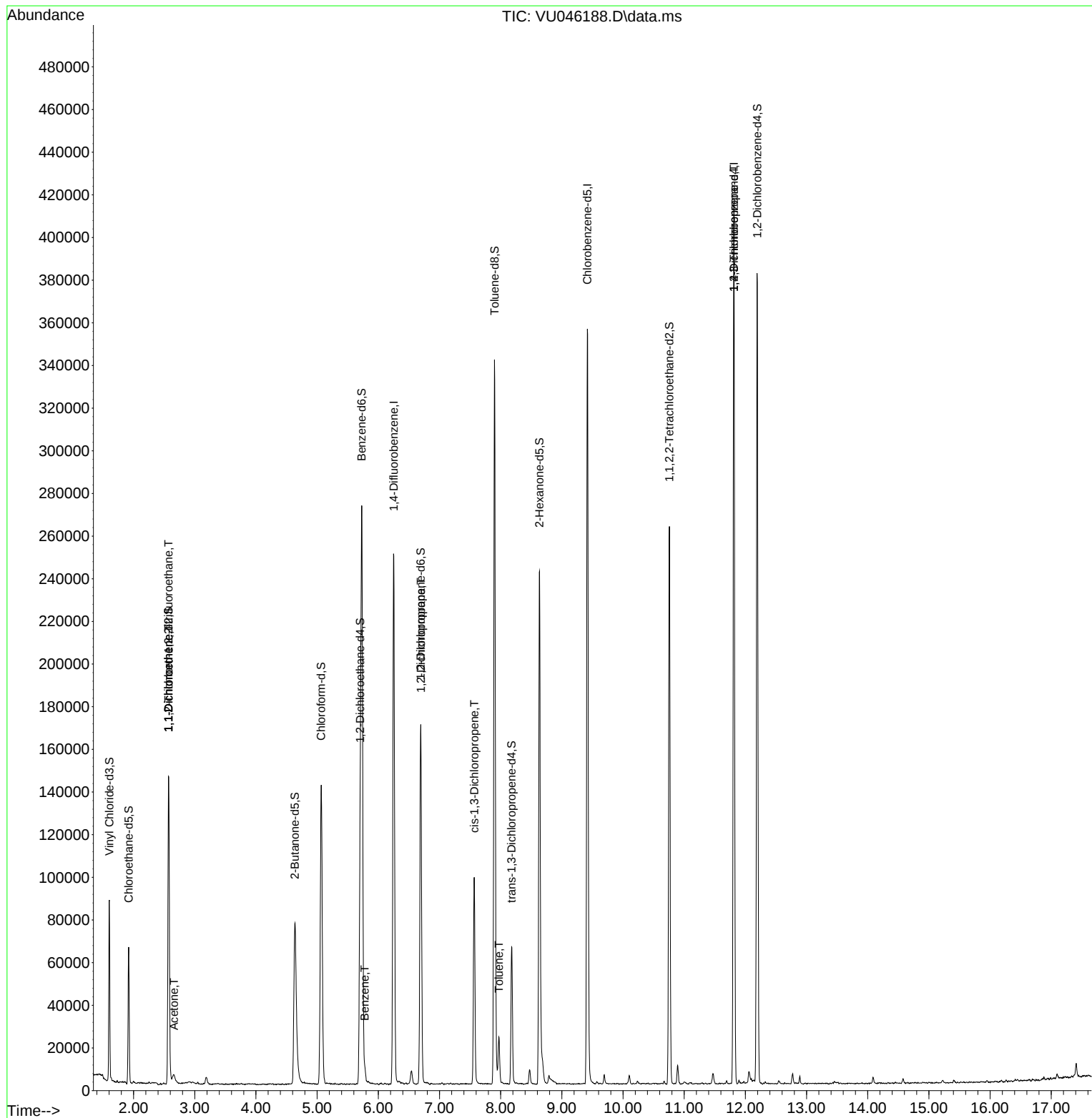
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	209878	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	206821	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	110753	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	59047	34.154	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.300%
7) Chloroethane-d5	1.919	69	46723	35.199	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	2.572	63	87172	28.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.180%#
21) 2-Butanone-d5	4.636	46	129772	94.423	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.420%
24) Chloroform-d	5.067	84	123049	42.620	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.240%
26) 1,2-Dichloroethane-d4	5.703	65	82862	42.766	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.540%
32) Benzene-d6	5.729	84	257847	43.498	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.694	67	81000	44.090	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.180%
41) Toluene-d8	7.899	98	236168	43.757	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.520%
43) trans-1,3-Dichloroprop...	8.179	79	38765	43.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.420%
47) 2-Hexanone-d5	8.632	63	87509	100.463	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.460%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	128531	46.133	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.260%
66) 1,2-Dichlorobenzene-d4	12.195	152	101139	47.418	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.840%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	739	0.484	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	722	0.498	ug/L #	1
13) Acetone	2.662	43	7258	4.226	ug/L	86
33) Benzene	5.777	78	6752	1.079	ug/L	100
37) 1,2-Dichloropropane	6.697	63	8425	5.138	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2399	0.962	ug/L #	74
42) Toluene	7.973	91	16177	2.408	ug/L	92
60) 1,2,3-Trichloropropane	11.812	75	13431	5.532	ug/L #	65

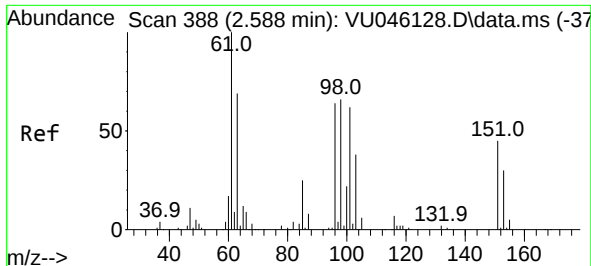
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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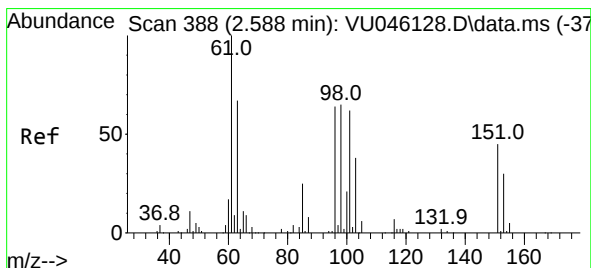
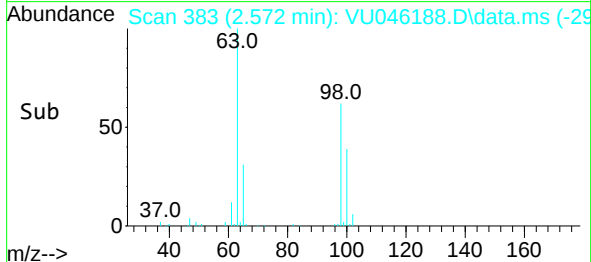
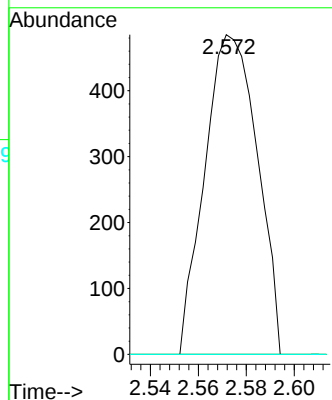
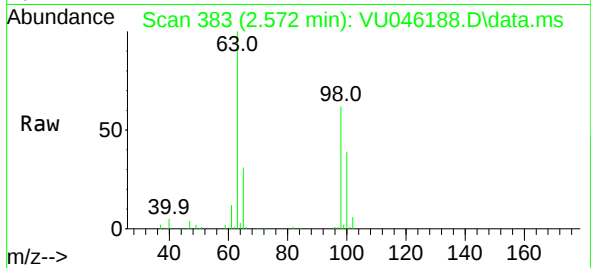




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.484 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046188.D
Acq: 08 Dec 2021 20:21

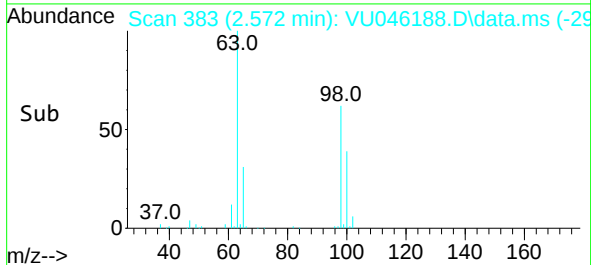
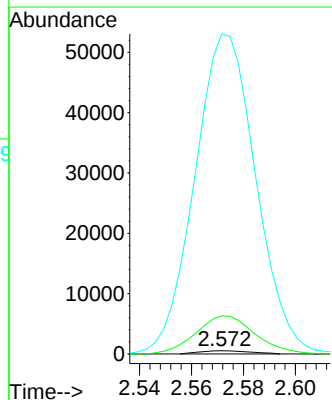
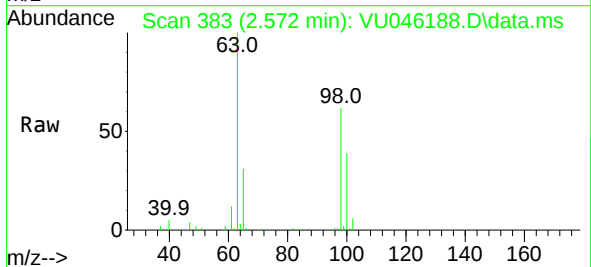
Instrument :
MSVOA_U
ClientSampleId :

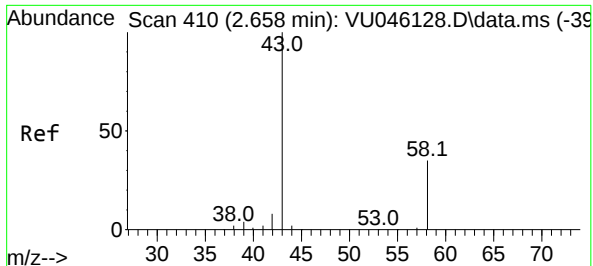
Tgt Ion:101 Resp: 739
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.498 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046188.D
Acq: 08 Dec 2021 20:21

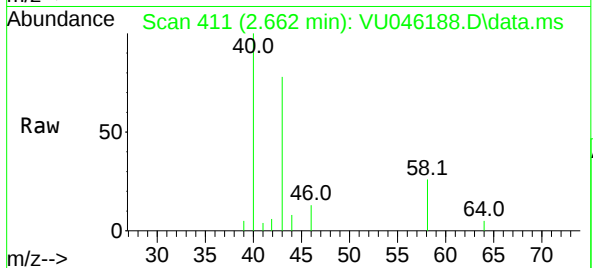
Tgt Ion: 96 Resp: 722
Ion Ratio Lower Upper
96 100
61 1172.7 118.6 220.2#
63 9860.2 93.0 172.8#



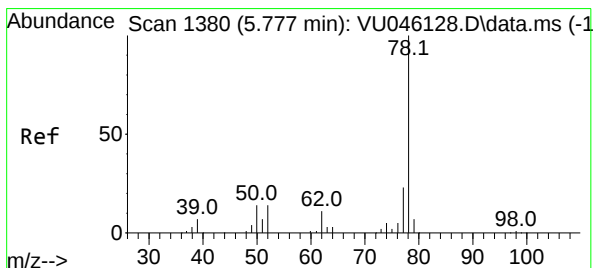
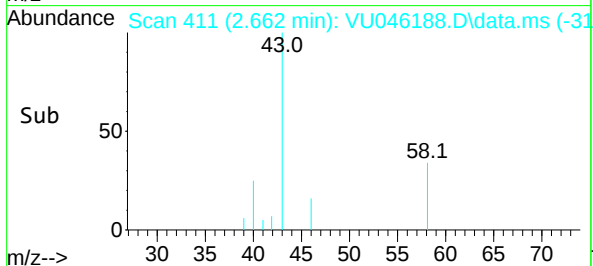
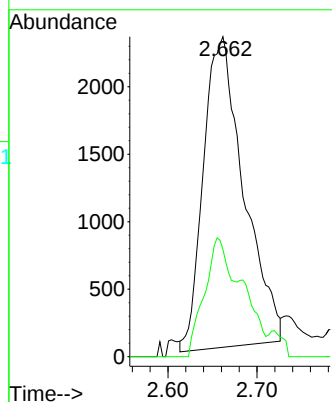


#13
Acetone
Concen: 4.226 ug/L
RT: 2.662 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU046188.D
Acq: 08 Dec 2021 20:21

Instrument :
MSVOA_U
ClientSampleId :

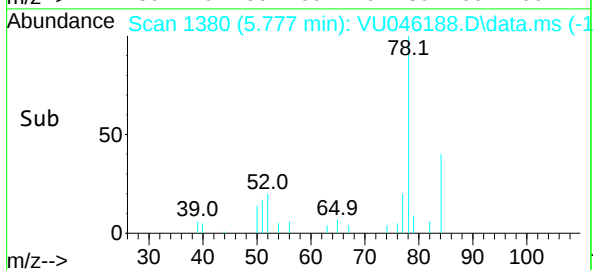
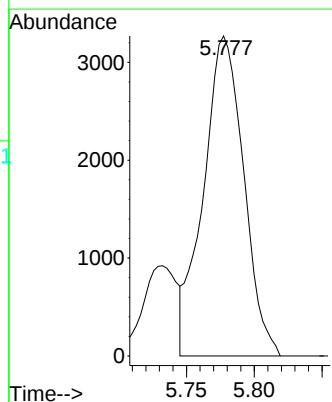
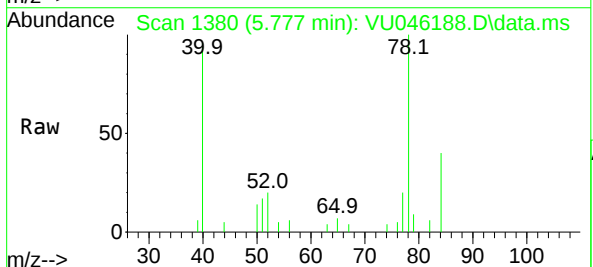


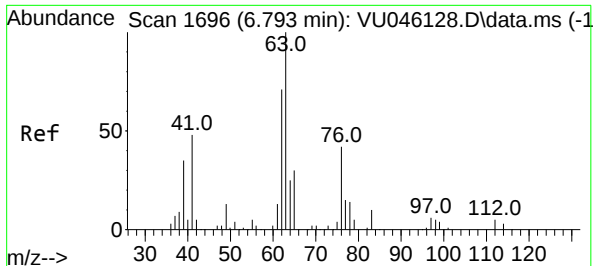
Tgt Ion: 43 Resp: 7258
Ion Ratio Lower Upper
43 100
58 25.5 0.0 66.8



#33
Benzene
Concen: 1.079 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046188.D
Acq: 08 Dec 2021 20:21

Tgt Ion: 78 Resp: 6752





#37

1,2-Dichloropropane

Concen: 5.138 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU046188.D

Acq: 08 Dec 2021 20:21

Instrument :

MSVOA_U

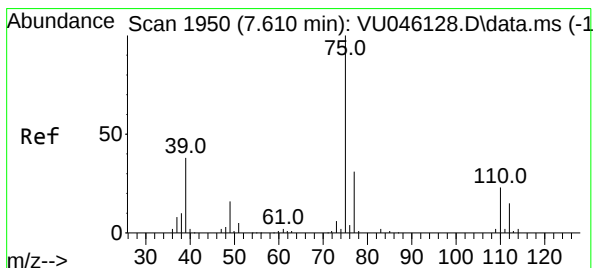
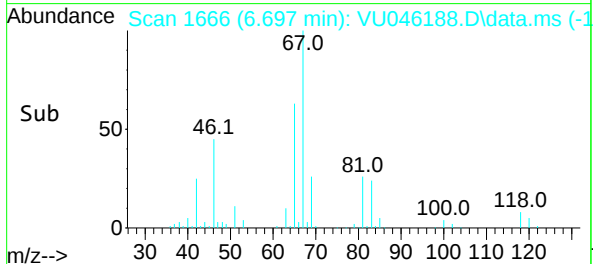
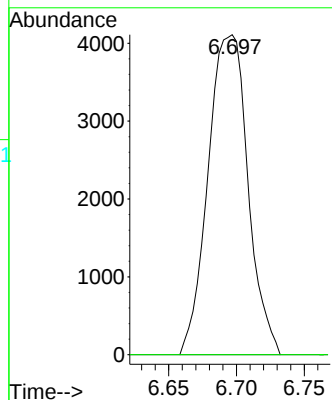
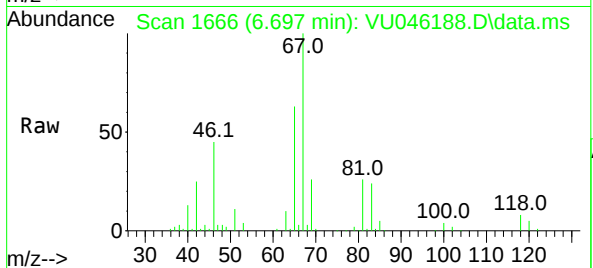
ClientSampleId :

Tgt Ion: 63 Resp: 8425

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.962 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046188.D

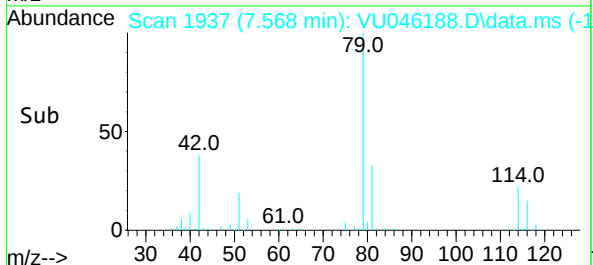
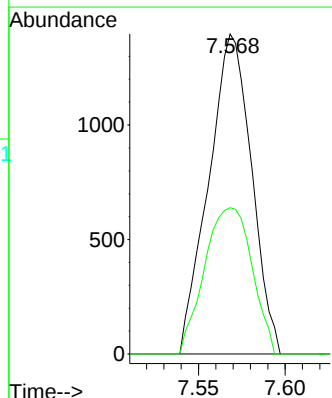
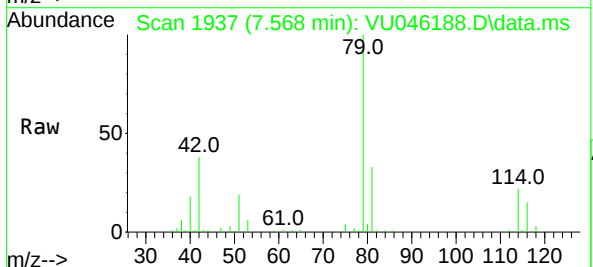
Acq: 08 Dec 2021 20:21

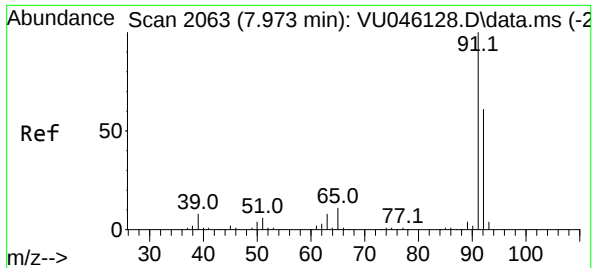
Tgt Ion: 75 Resp: 2399

Ion Ratio Lower Upper

75 100

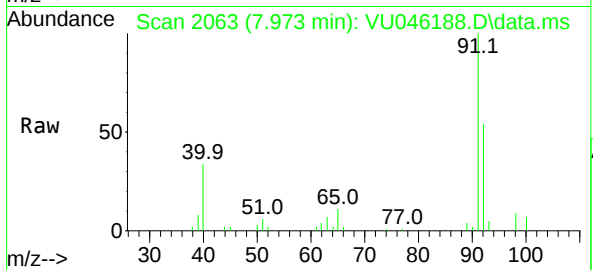
77 45.7 21.8 40.6#



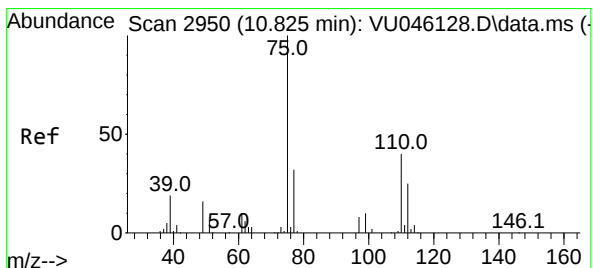
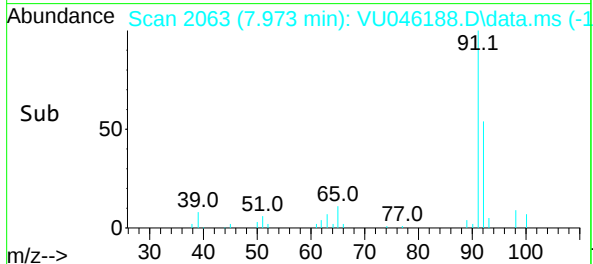
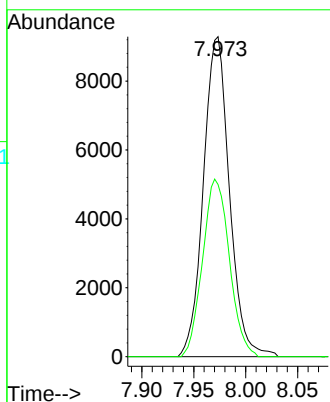


#42
Toluene
Concen: 2.408 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU046188.D
Acq: 08 Dec 2021 20:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 91 Resp: 16177
Ion Ratio Lower Upper
91 100
92 53.8 41.9 77.7



#60
1,2,3-Trichloropropane
Concen: 5.532 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046188.D
Acq: 08 Dec 2021 20:21

Tgt Ion: 75 Resp: 13431
Ion Ratio Lower Upper
75 100
77 31.8 26.4 39.6
110 2.3 32.4 48.6#

