

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046141.D
 Acq On : 07 Dec 2021 15:25
 Operator : SY/MD
 Sample : M4960-01 10X
 Misc : 6.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 04:53:37 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)

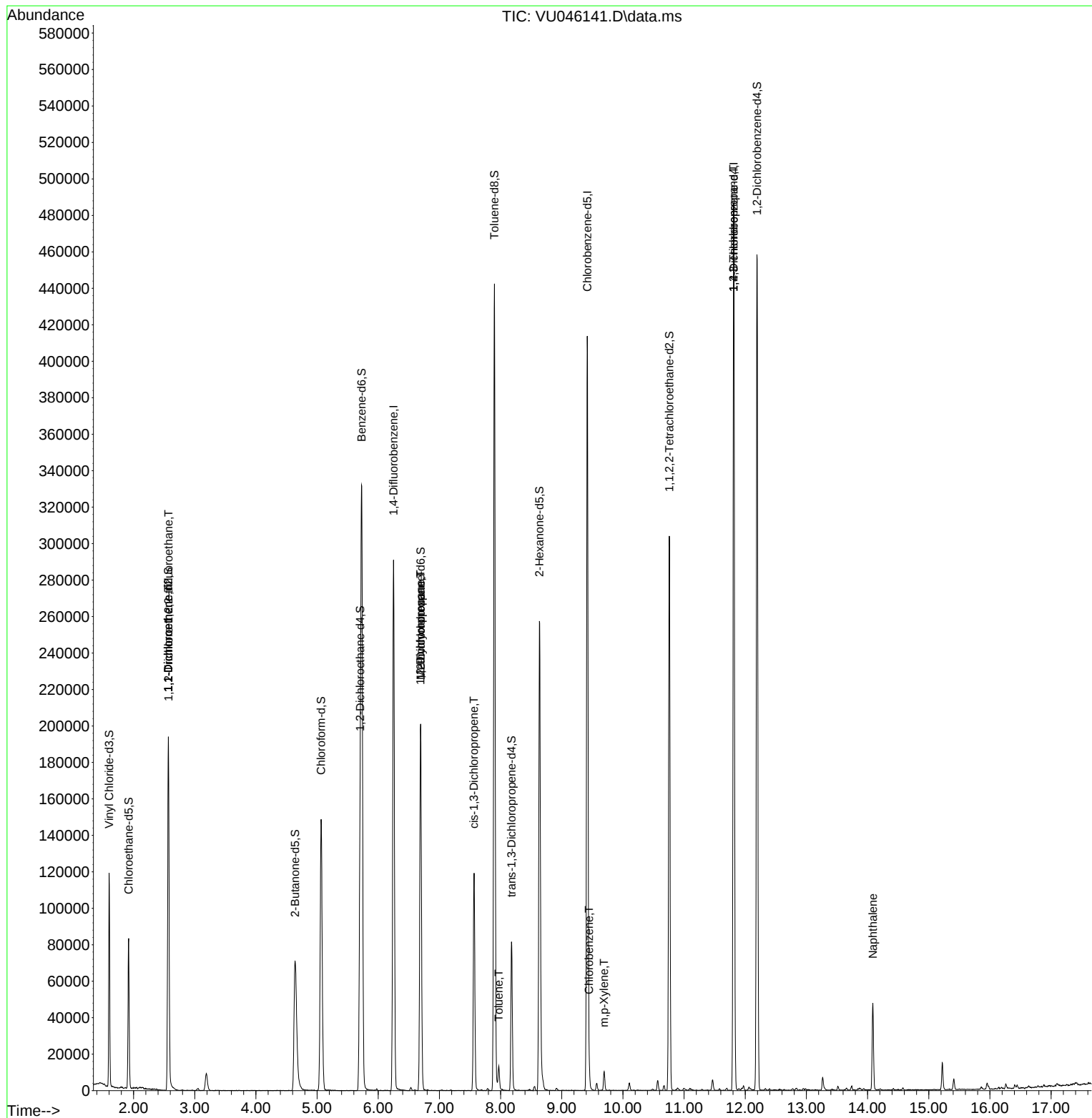
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	247506	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	239862	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	130255	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	82212	40.323	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.640%
7) Chloroethane-d5	1.919	69	61564	39.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.660%
11) 1,1-Dichloroethene-d2	2.568	63	114535	31.293	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.580%
21) 2-Butanone-d5	4.639	46	129840	80.110	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.110%
24) Chloroform-d	5.067	84	139204	40.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.780%
26) 1,2-Dichloroethane-d4	5.703	65	96353	42.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.340%
32) Benzene-d6	5.729	84	318789	46.370	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.740%
36) 1,2-Dichloropropane-d6	6.694	67	97000	45.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.060%
41) Toluene-d8	7.899	98	296415	47.354	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.700%
43) trans-1,3-Dichloroprop...	8.179	79	47391	46.076	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.160%
47) 2-Hexanone-d5	8.636	63	102873	101.833	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.830%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	147738	45.722	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.440%
66) 1,2-Dichlorobenzene-d4	12.195	152	121005	48.238	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.480%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	926	0.514	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	993	0.580	ug/L #	1
35) Methylcyclohexane	6.694	83	23724	8.000	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10429	5.484	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2798	0.967	ug/L #	70
42) Toluene	7.970	91	9622	1.235	ug/L	92
51) Chlorobenzene	9.446	112	4716	0.936	ug/L	90
53) m,p-Xylene	9.693	106	3245	0.993	ug/L	91
60) 1,2,3-Trichloropropane	11.809	75	15547	5.445	ug/L #	66
71) Naphthalene	14.086	128	39646	4.377	ug/L	99

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

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.514 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU046141.D

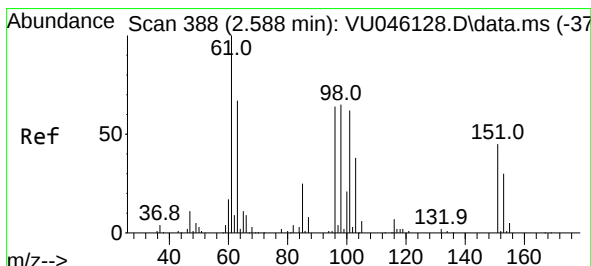
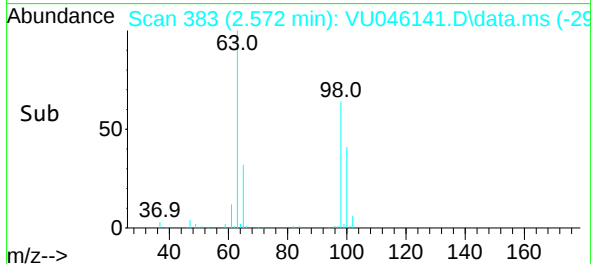
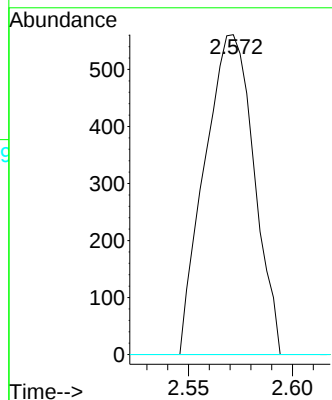
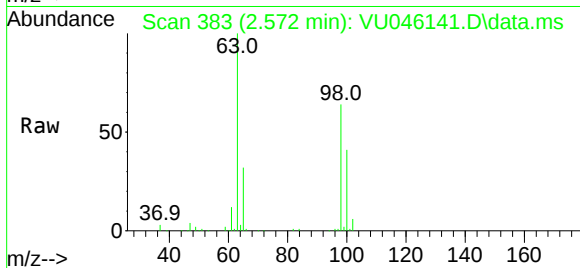
Acq: 07 Dec 2021 15:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	926
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: 0.580 ug/L

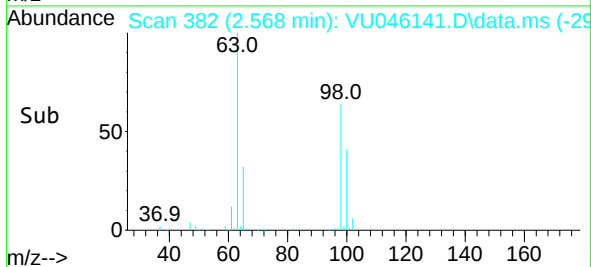
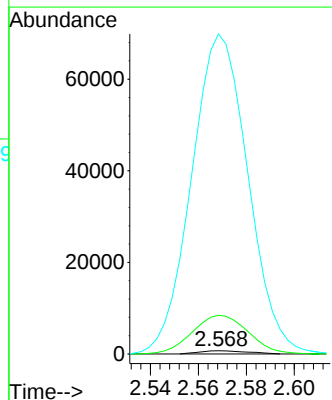
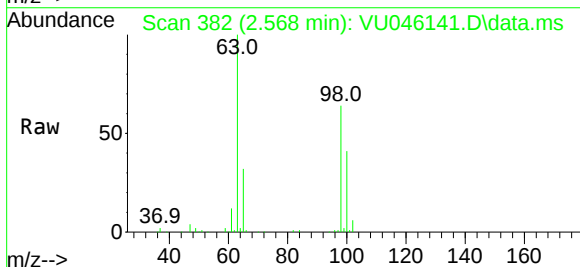
RT: 2.568 min Scan# 382

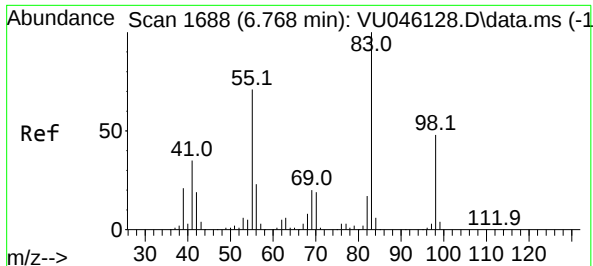
Delta R.T. -0.016 min

Lab File: VU046141.D

Acq: 07 Dec 2021 15:25

Tgt Ion:	96	Resp:	993
Ion Ratio	Lower	Upper	
96	100		
61	1179.2	118.6	220.2#
63	9745.0	93.0	172.8#





#35

Methylcyclohexane

Concen: 8.000 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU046141.D

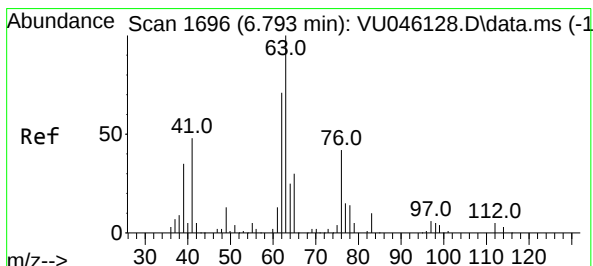
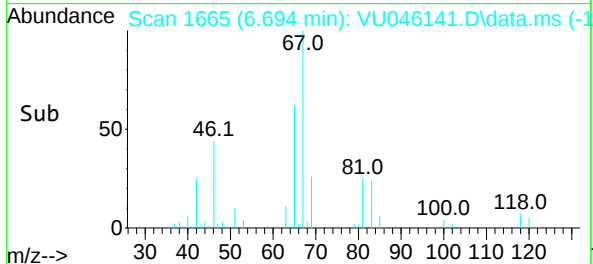
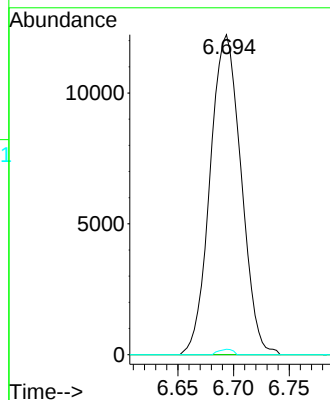
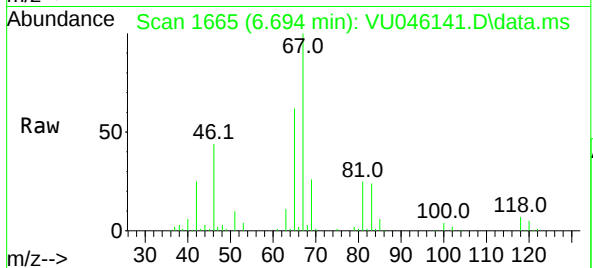
Acq: 07 Dec 2021 15:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 23724
Ion Ratio	Lower Upper
83 100	
55 0.0	57.8 86.6#
98 0.8	38.4 57.6#



#37

1,2-Dichloropropane

Concen: 5.484 ug/L

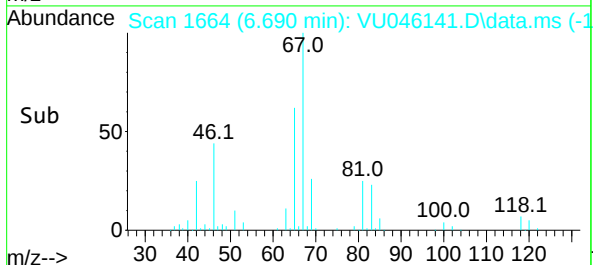
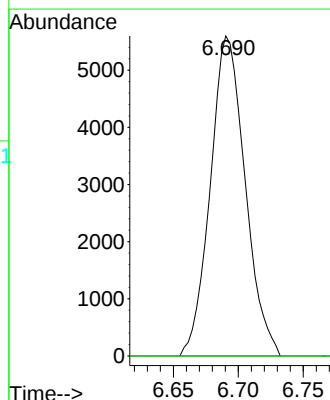
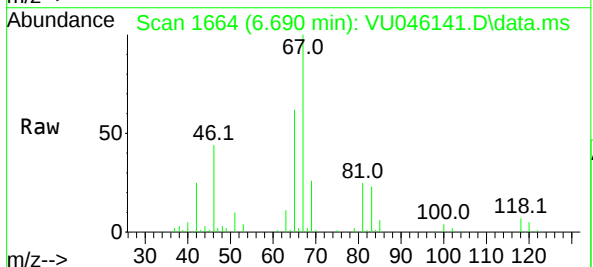
RT: 6.690 min Scan# 1664

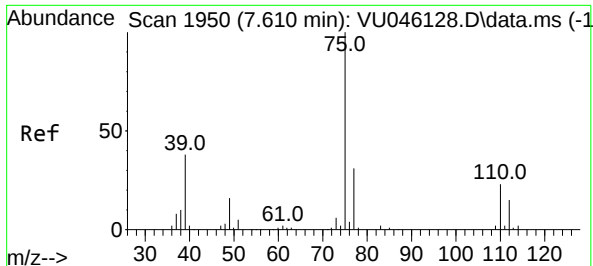
Delta R.T. -0.103 min

Lab File: VU046141.D

Acq: 07 Dec 2021 15:25

Tgt Ion: 63	Resp: 10429
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.967 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU046141.D

Acq: 07 Dec 2021 15:25

Instrument :

MSVOA_U

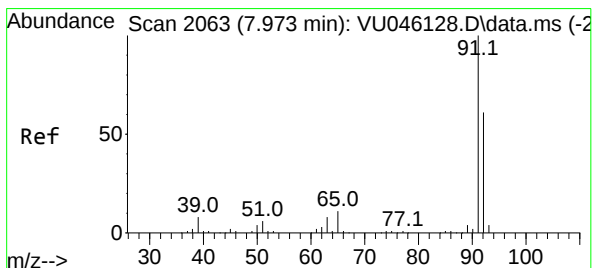
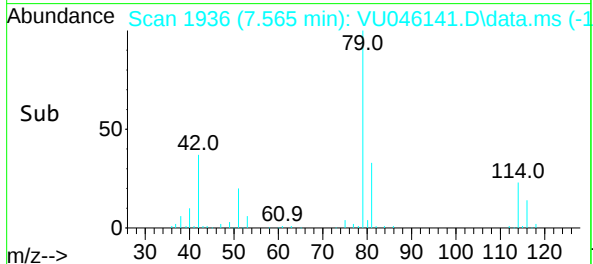
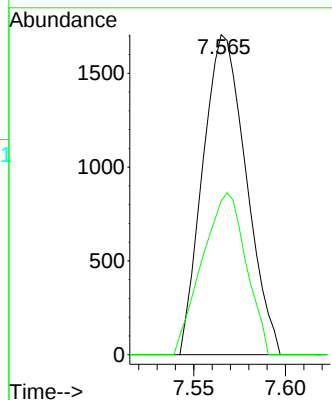
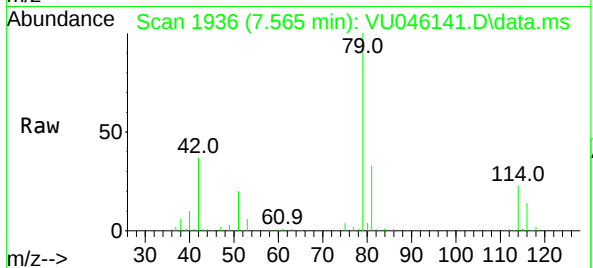
ClientSampleId :

Tgt Ion: 75 Resp: 2798

Ion Ratio Lower Upper

75 100

77 48.0 21.8 40.6#



#42

Toluene

Concen: 1.235 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU046141.D

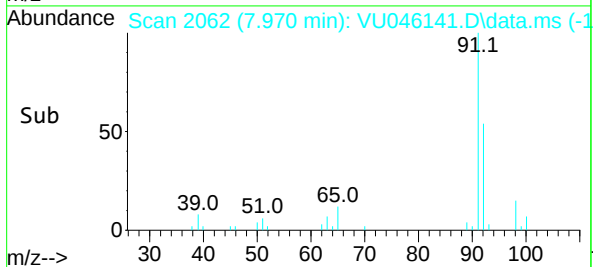
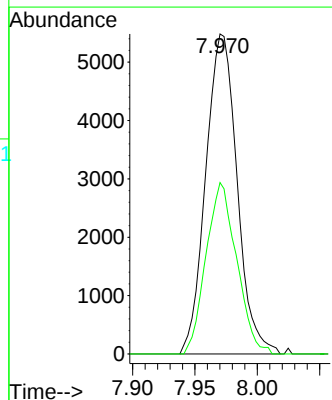
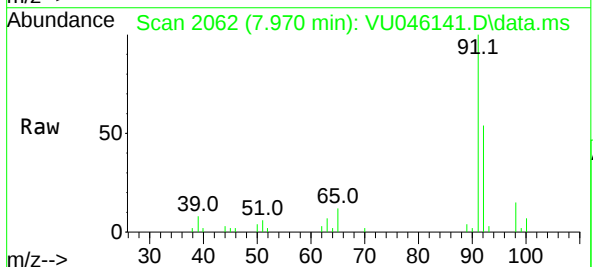
Acq: 07 Dec 2021 15:25

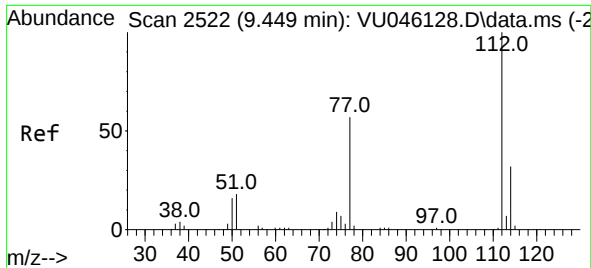
Tgt Ion: 91 Resp: 9622

Ion Ratio Lower Upper

91 100

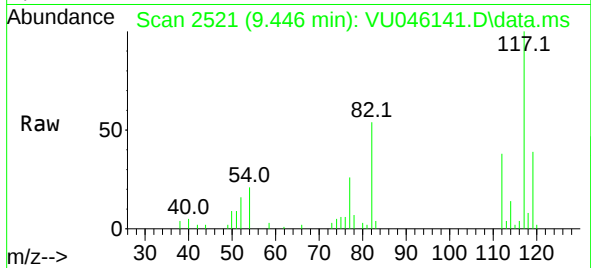
92 53.6 41.9 77.7



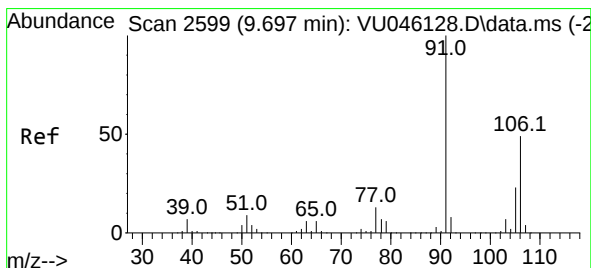
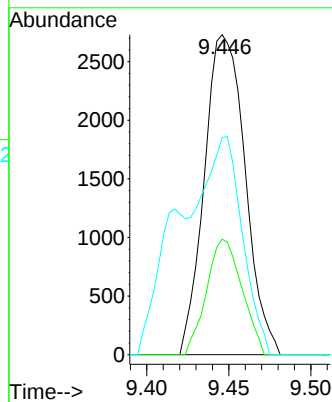
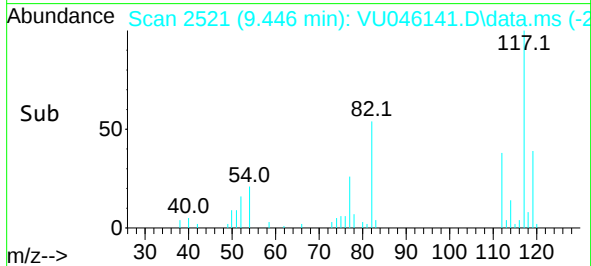


#51
Chlorobenzene
Concen: 0.936 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046141.D
Acq: 07 Dec 2021 15:25

Instrument :
MSVOA_U
ClientSampleId :

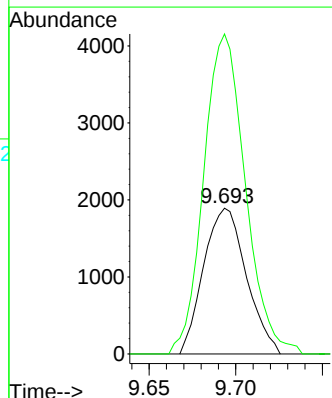
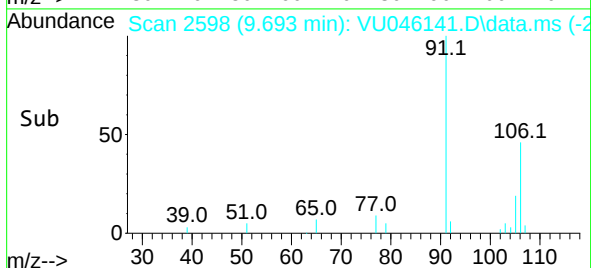
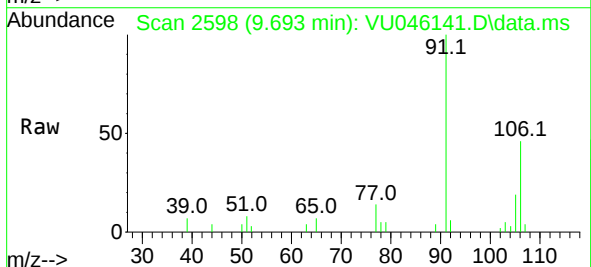


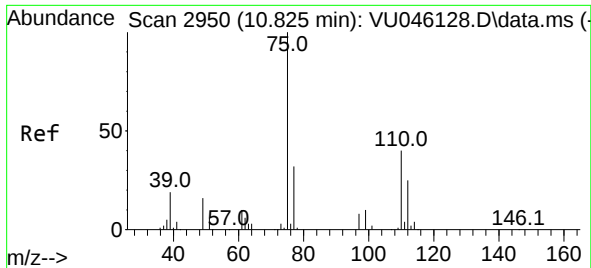
Tgt Ion:112 Resp: 4716
Ion Ratio Lower Upper
112 100
114 36.1 22.2 41.2
77 67.7 47.4 71.0



#53
m,p-Xylene
Concen: 0.993 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046141.D
Acq: 07 Dec 2021 15:25

Tgt Ion:106 Resp: 3245
Ion Ratio Lower Upper
106 100
91 219.5 144.3 268.1

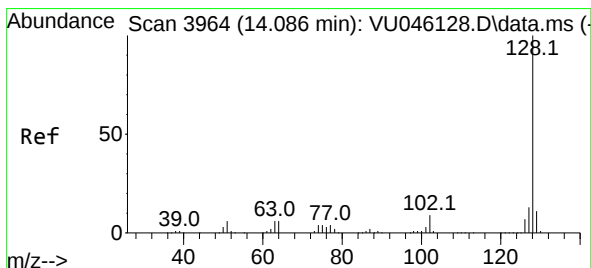
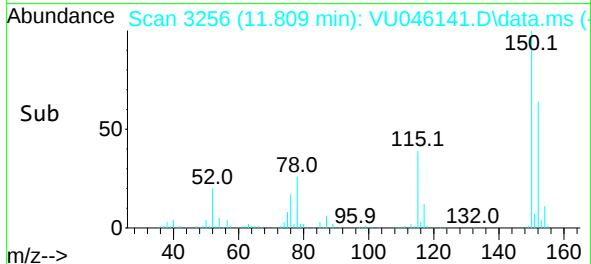
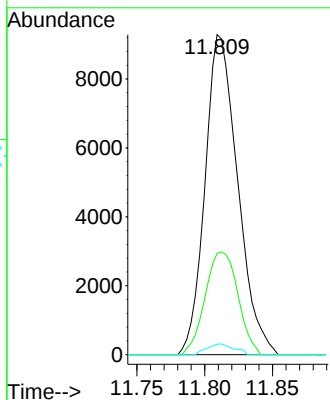
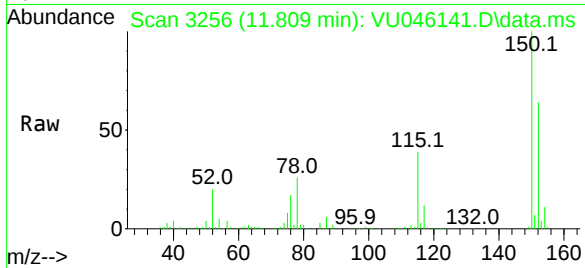




#60
1,2,3-Trichloropropane
Concen: 5.445 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.984 min
Lab File: VU046141.D
Acq: 07 Dec 2021 15:25

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MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 15547
Ion Ratio Lower Upper
75 100
77 32.2 26.4 39.6
110 2.6 32.4 48.6#



#71
Naphthalene
Concen: 4.377 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU046141.D
Acq: 07 Dec 2021 15:25

Tgt Ion: 128 Resp: 39646
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 10.5 8.6 13.0

