

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046055.D
 Acq On : 02 Dec 2021 16:19
 Operator : SY/MD
 Sample : M4870-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 03 05:12:08 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)

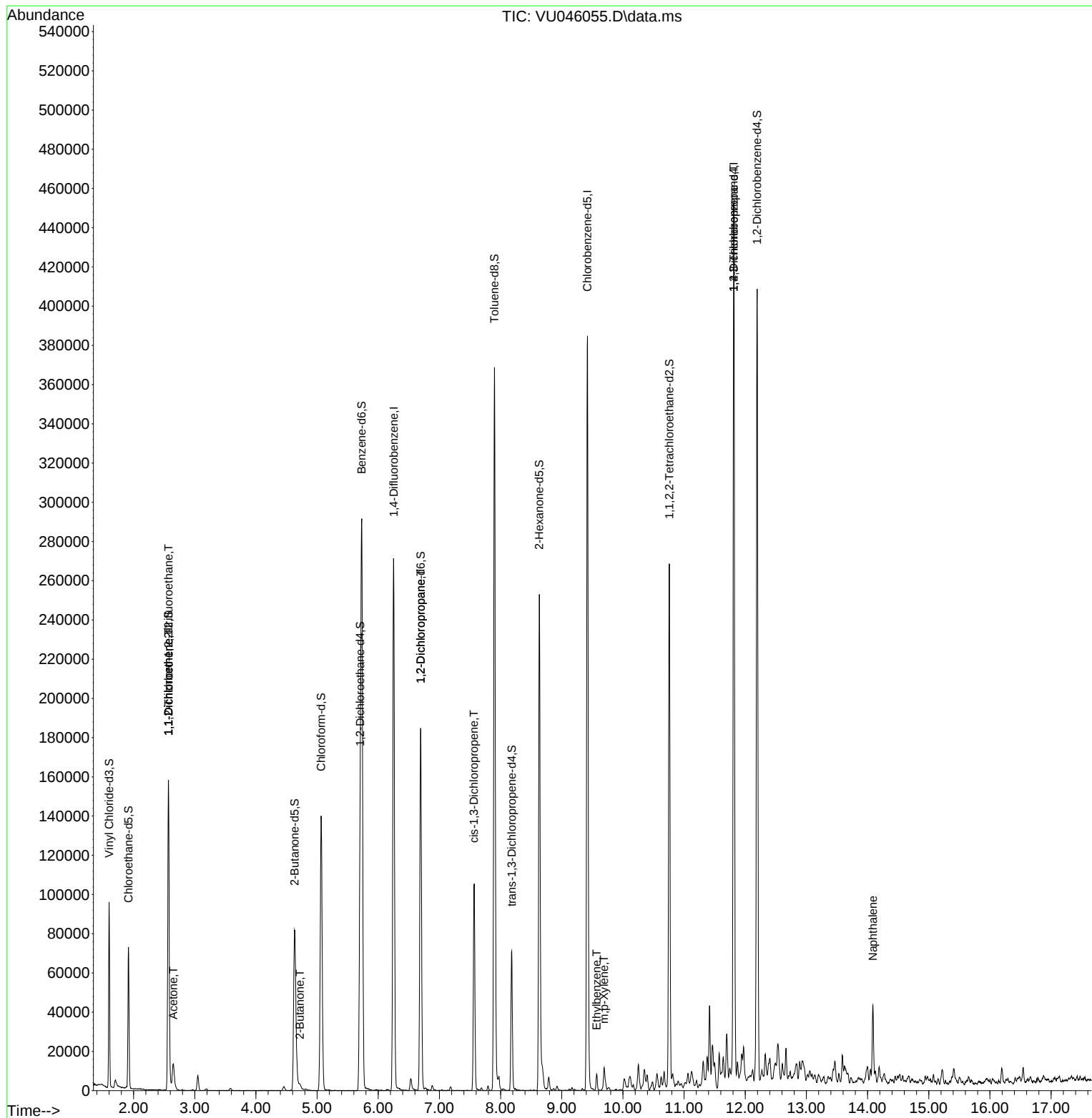
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	223332	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	223277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	115761	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	66190	35.979	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.960%
7) Chloroethane-d5	1.916	69	52636	37.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.520%
11) 1,1-Dichloroethene-d2	2.571	63	92758	28.086	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.180%#
21) 2-Butanone-d5	4.633	46	131171	89.692	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.690%
24) Chloroform-d	5.067	84	129608	42.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.380%
26) 1,2-Dichloroethane-d4	5.703	65	88463	42.906	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.820%
32) Benzene-d6	5.729	84	278347	43.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.694	67	88592	44.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.340%
41) Toluene-d8	7.899	98	252929	43.408	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.820%
43) trans-1,3-Dichloroprop...	8.182	79	40806	42.621	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.240%
47) 2-Hexanone-d5	8.632	63	90797	96.555	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.560%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	128866	42.844	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.680%
66) 1,2-Dichlorobenzene-d4	12.195	152	102148	45.820	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.640%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	901	0.554	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	672	0.435	ug/L #	1
13) Acetone	2.649	43	22008	12.041	ug/L	97
22) 2-Butanone	4.719	43	4197	2.109	ug/L #	71
37) 1,2-Dichloropropane	6.694	63	9376	5.296	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2364	0.878	ug/L #	62
52) Ethylbenzene	9.571	91	6179	0.792	ug/L	94
53) m,p-Xylene	9.693	106	3156	1.037	ug/L	96
60) 1,2,3-Trichloropropane	11.812	75	14538	5.729	ug/L #	68
71) Naphthalene	14.086	128	30418	3.779	ug/L	98

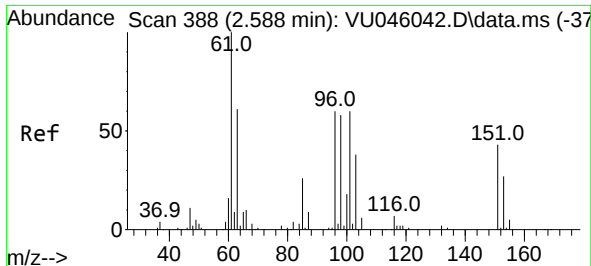
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

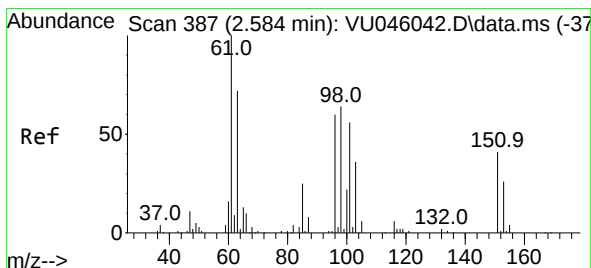
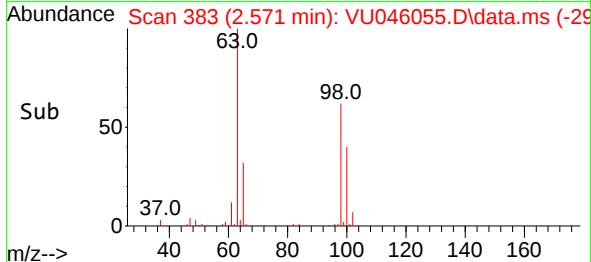
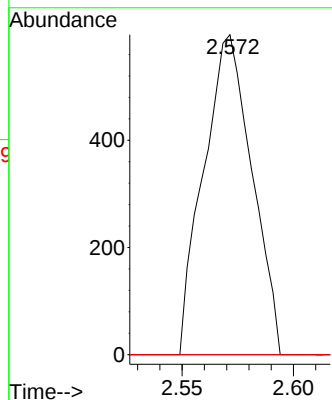
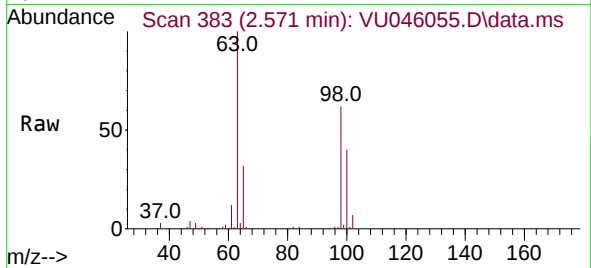




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.554 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046055.D
 Acq: 02 Dec 2021 16:19

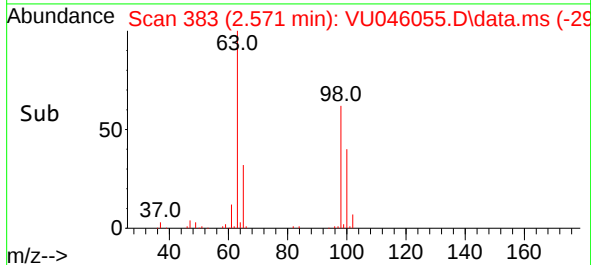
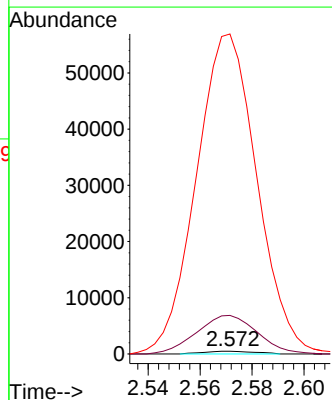
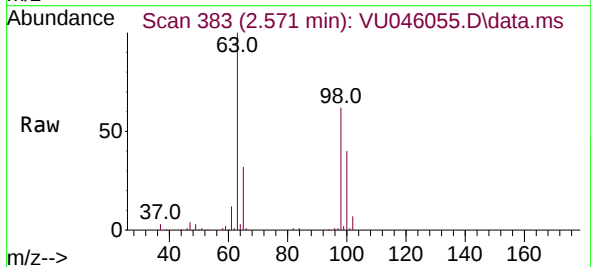
Instrument :
 MSVOA_U
 ClientSampleId :

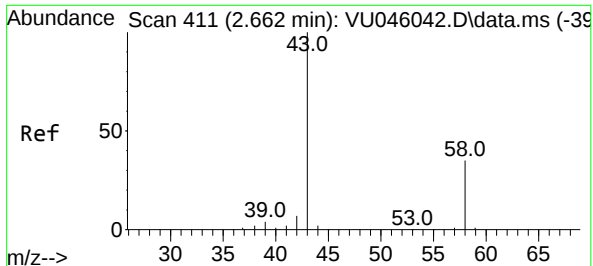
Tgt Ion:101 Resp: 901
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.435 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU046055.D
 Acq: 02 Dec 2021 16:19

Tgt Ion: 96 Resp: 672
 Ion Ratio Lower Upper
 96 100
 61 1382.3 118.6 220.2#
 63 11455.9 93.0 172.8#





#13

Acetone

Concen: 12.041 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.013 min

Lab File: VU046055.D

Acq: 02 Dec 2021 16:19

Instrument :

MSVOA_U

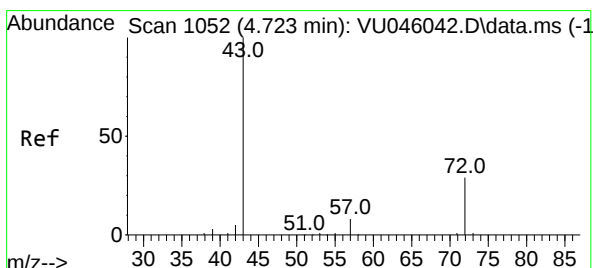
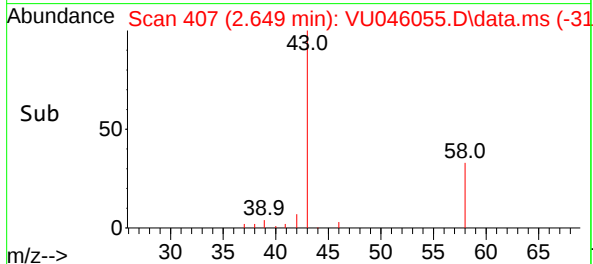
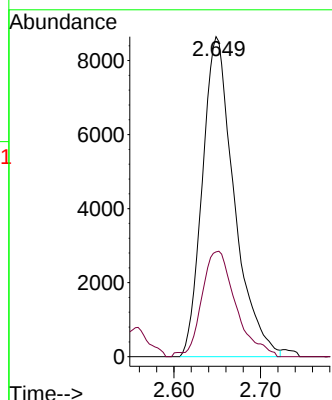
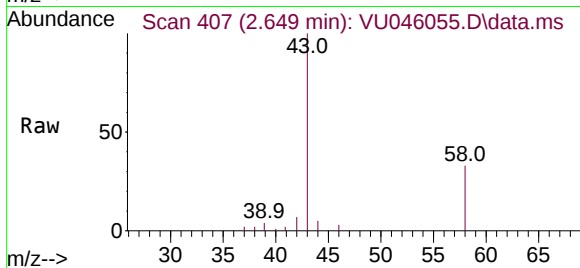
ClientSampleId :

Tgt Ion: 43 Resp: 22008

Ion Ratio Lower Upper

43 100

58 34.9 0.0 66.8



#22

2-Butanone

Concen: 2.109 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. -0.003 min

Lab File: VU046055.D

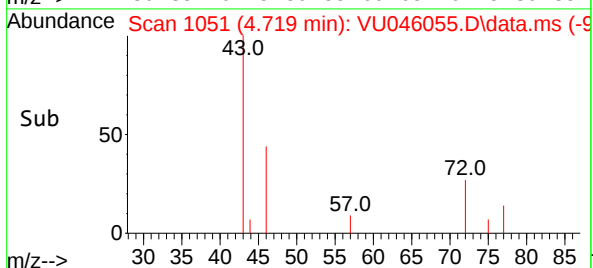
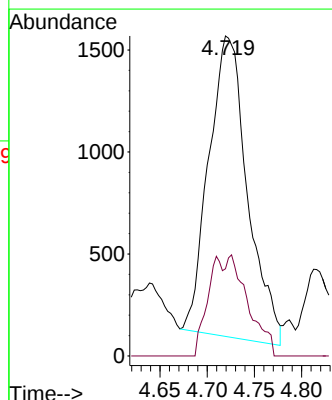
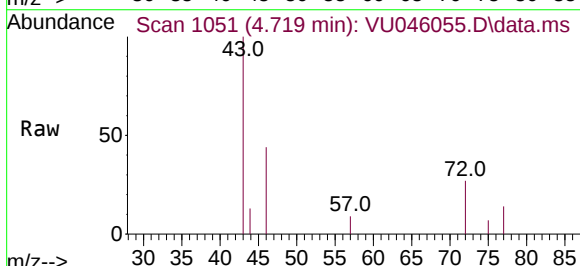
Acq: 02 Dec 2021 16:19

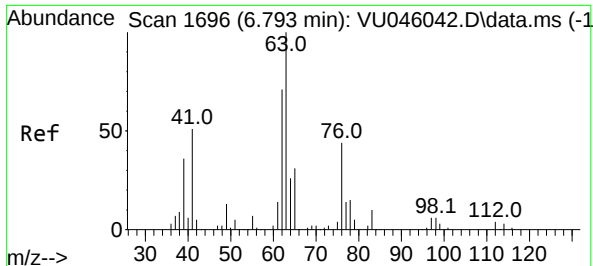
Tgt Ion: 43 Resp: 4197

Ion Ratio Lower Upper

43 100

72 13.3 14.5 43.6#





#37

1,2-Dichloropropane

Concen: 5.296 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046055.D

Acq: 02 Dec 2021 16:19

Instrument :

MSVOA_U

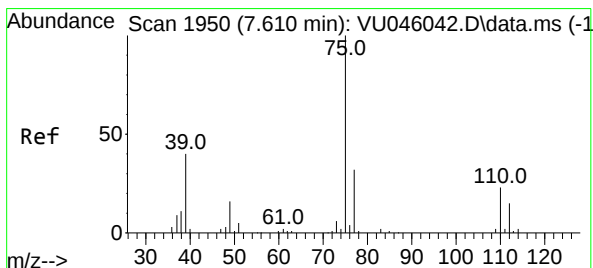
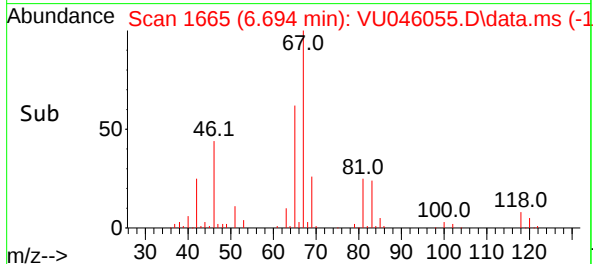
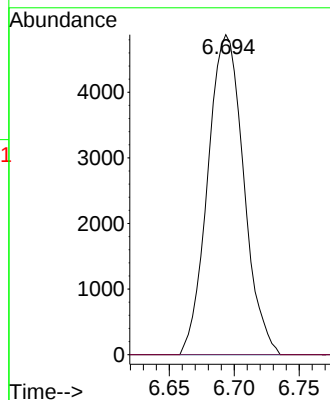
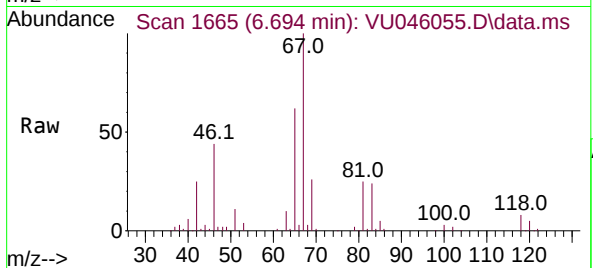
ClientSampleId :

Tgt Ion: 63 Resp: 9376

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.878 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046055.D

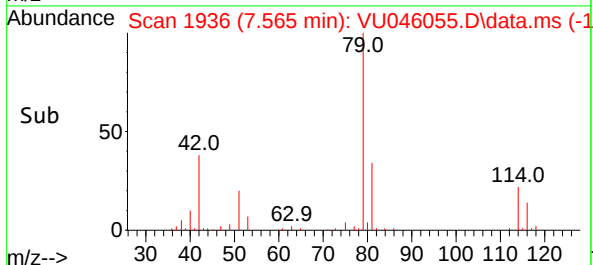
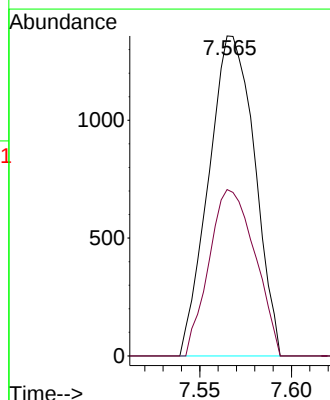
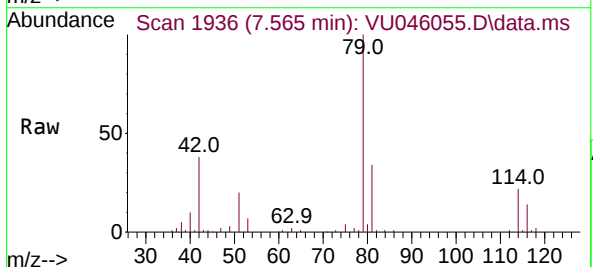
Acq: 02 Dec 2021 16:19

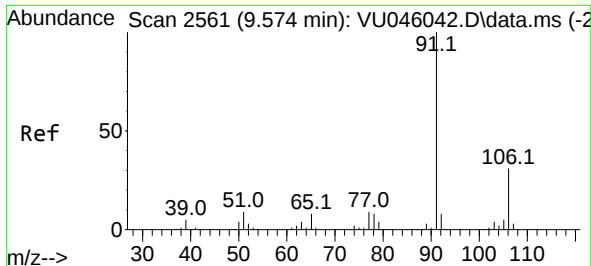
Tgt Ion: 75 Resp: 2364

Ion Ratio Lower Upper

75 100

77 52.0 21.8 40.6#

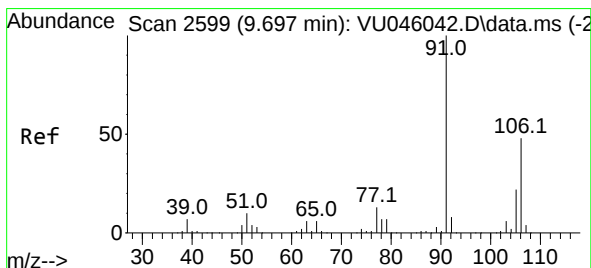
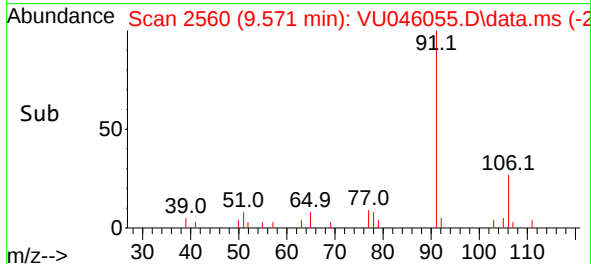
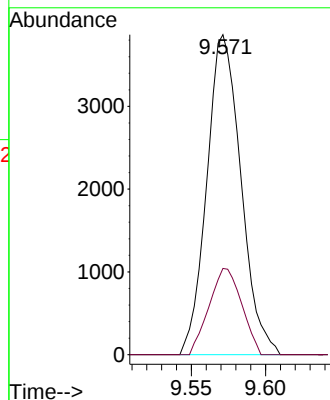
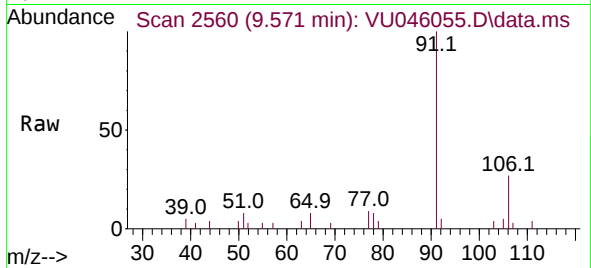




#52
Ethylbenzene
Concen: 0.792 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU046055.D
Acq: 02 Dec 2021 16:19

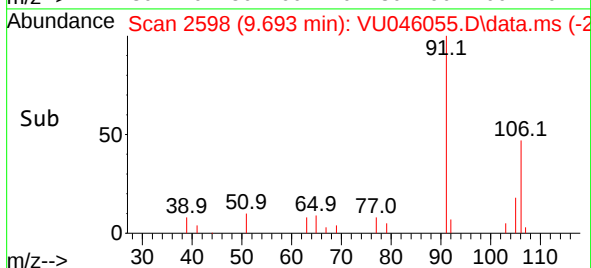
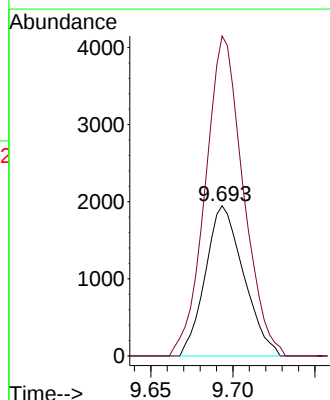
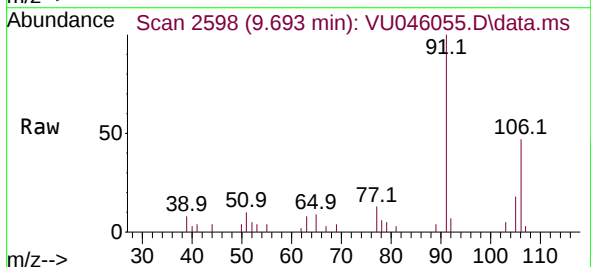
Instrument :
MSVOA_U
ClientSampleId :

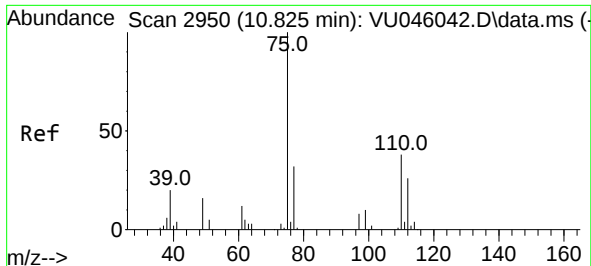
Tgt Ion: 91 Resp: 6179
Ion Ratio Lower Upper
91 100
106 26.9 21.1 39.3



#53
m,p-Xylene
Concen: 1.037 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046055.D
Acq: 02 Dec 2021 16:19

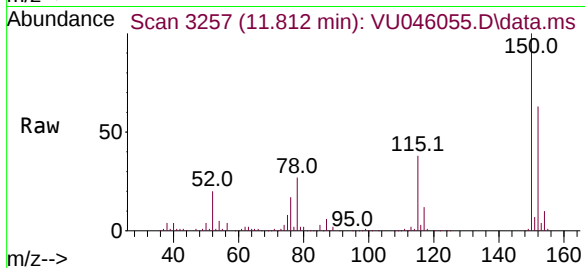
Tgt Ion: 106 Resp: 3156
Ion Ratio Lower Upper
106 100
91 212.9 144.3 268.1



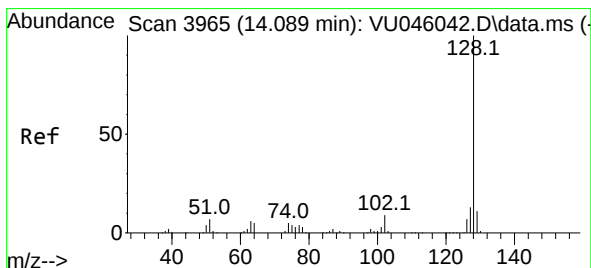
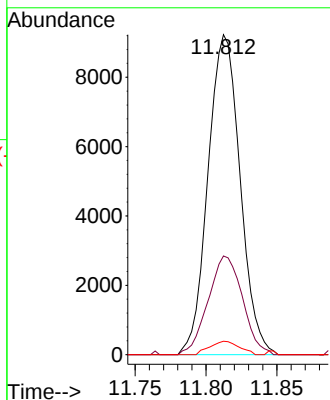
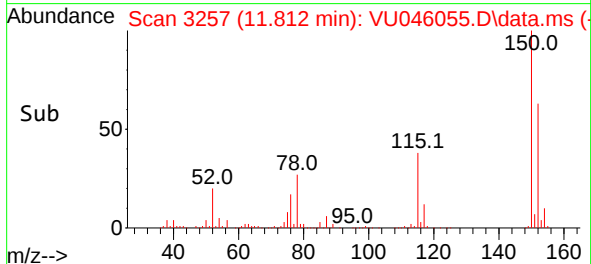


#60
1,2,3-Trichloropropane
Concen: 5.729 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU046055.D
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ClientSampleId :



Tgt Ion: 75 Resp: 14538
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6
110 3.9 32.4 48.6#



#71
Naphthalene
Concen: 3.779 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU046055.D
Acq: 02 Dec 2021 16:19

Tgt Ion:128 Resp: 30418
Ion Ratio Lower Upper
128 100
127 13.5 10.1 15.1
129 10.2 8.6 13.0

