

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016897.D
 Acq On : 12 Jun 2020 22:33
 Operator : SY/MD
 Sample : L2914-13 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E25

Quant Time: Jun 13 03:11:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 03:02:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	378428	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	354803	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	171413	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	96206	36.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.06%
7) Chloroethane-d5	1.57	69	56864	35.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.98%
11) 1,1-Dichloroethene-d2	2.11	63	138875	30.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.94%
21) 2-Butanone-d5	3.90	46	175838	88.97	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.97%
24) Chloroform-d	4.37	84	231261	42.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.18%
26) 1,2-Dichloroethane-d4	5.05	65	173545	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
32) Benzene-d6	5.07	84	446720	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.36%
36) 1,2-Dichloropropane-d6	6.09	67	139348	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.42%
41) Toluene-d8	7.34	98	407458	43.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.82%
43) trans-1,3-Dichloropropene-	7.64	79	70361	42.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.74%
47) 2-Hexanone-d5	8.11	63	108902	78.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	177919	42.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	174132	47.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

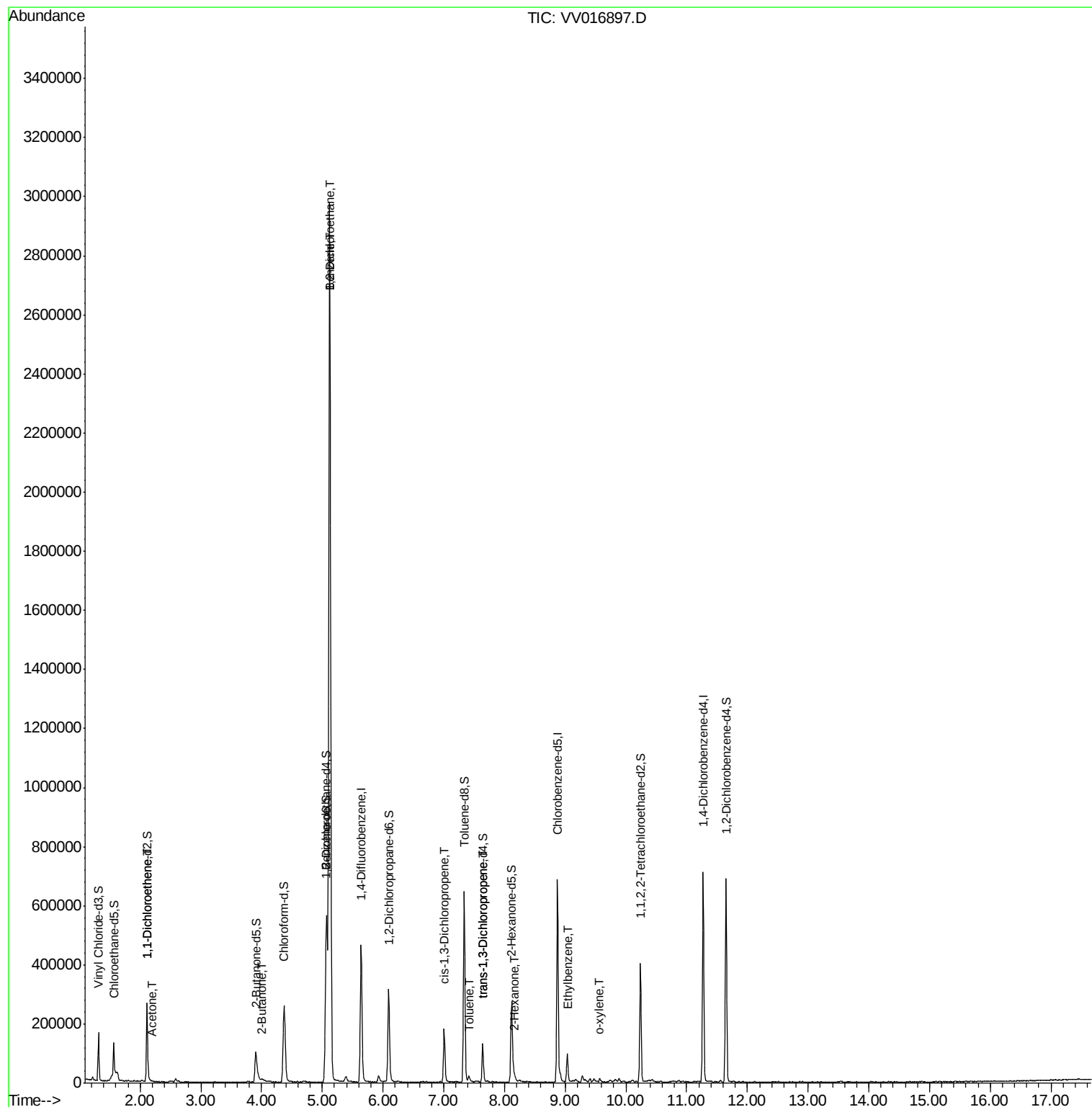
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.11	96	1305	0.695	ug/L #	1
13) Acetone	2.18	43	1966	1.510	ug/L	98
22) 2-Butanone	4.01	43	11486	5.720	ug/L	93
27) 1,2-Dichloroethane	5.13	62	36176	8.711	ug/L #	77
33) Benzene	5.12	78	2806031	267.302	ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	5928	1.398	ug/L #	77
42) Toluene	7.41	91	13553	1.225	ug/L	92
44) trans-1,3-Dichloropropene	7.64	75	3955	0.959	ug/L	87
48) 2-Hexanone	8.17	43	10030	3.344	ug/L #	71
52) Ethylbenzene	9.04	91	63417	5.174	ug/L	97
54) o-xylene	9.57	106	2533	0.563	ug/L	83

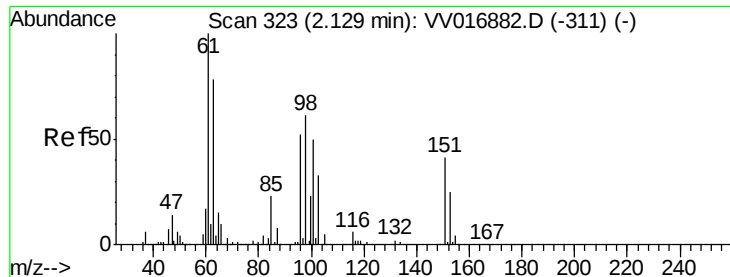
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 13 03:02:20 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.695 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016897.D

Acq: 12 Jun 2020 22:33

Instrument :

MSVOA_V

ClientSampleId :

F9E25

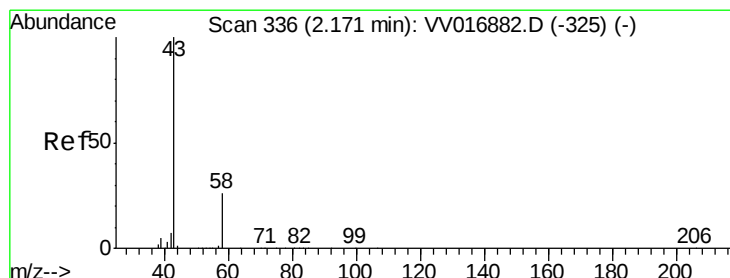
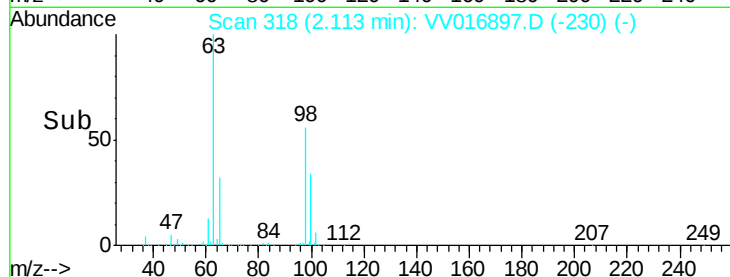
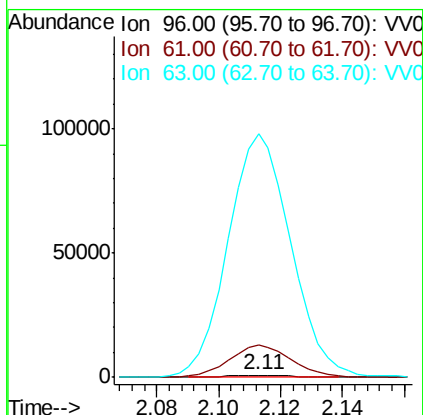
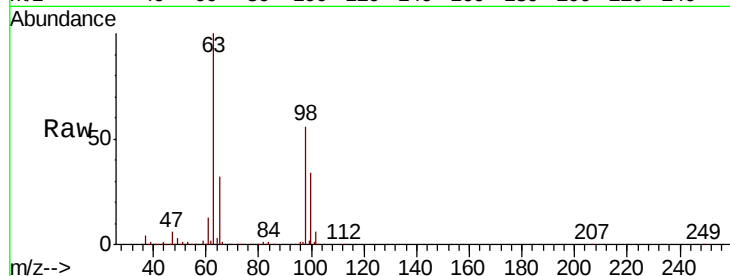
Tot Ion: 96 Resp: 1305

Ion Ratio Lower Upper

96 100

61 1504.0 130.4 242.2#

63 11321.2 103.3 191.9#



#13

Acetone

Concen: 1.510 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.01 min

Lab File: VV016897.D

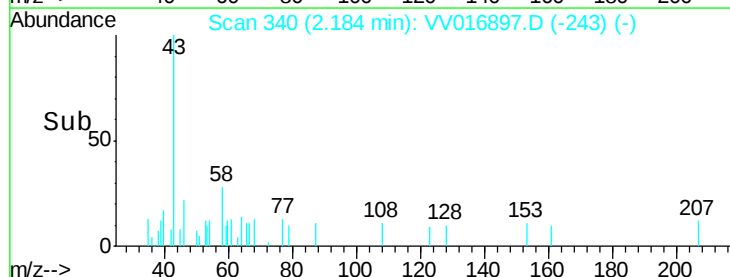
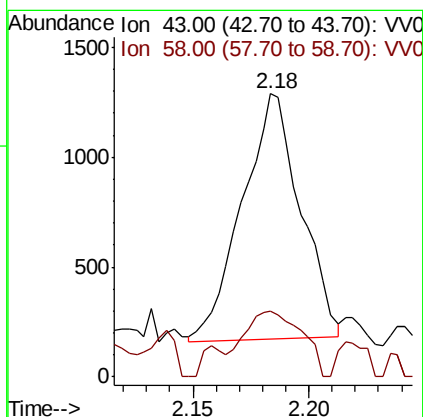
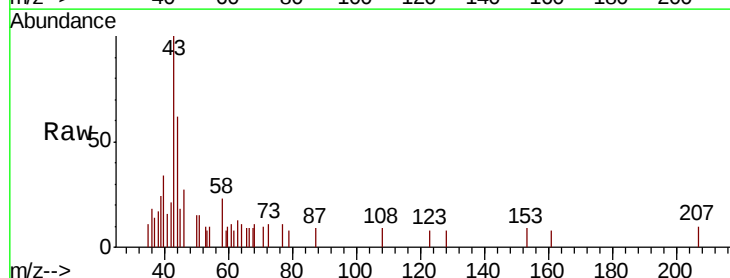
Acq: 12 Jun 2020 22:33

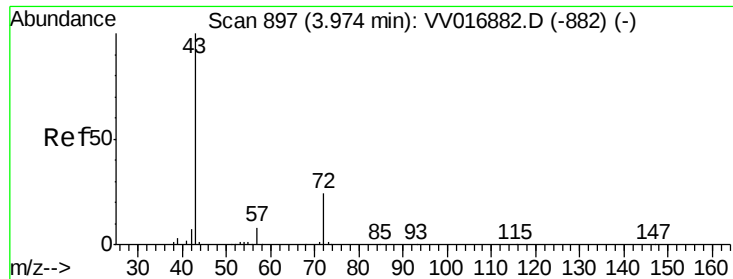
Tgt Ion: 43 Resp: 1966

Ion Ratio Lower Upper

43 100

58 26.6 0.0 55.2





#22

2-Butanone

Concen: 5.720 ug/L

RT: 4.01 min Scan# 908

Delta R.T. 0.04 min

Lab File: VV016897.D

Acq: 12 Jun 2020 22:33

Instrument :

MSVOA_V

ClientSampled :

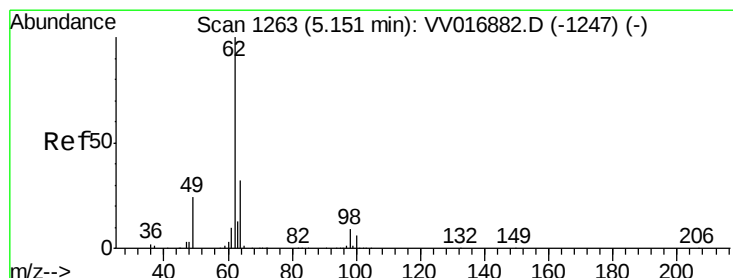
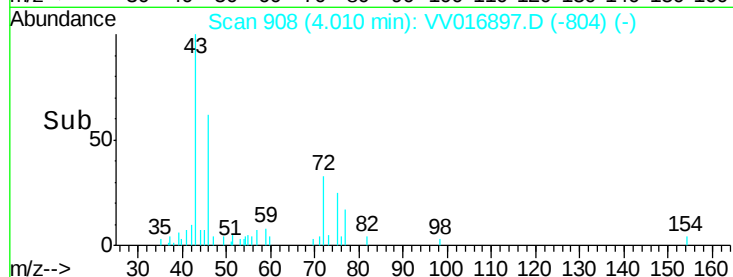
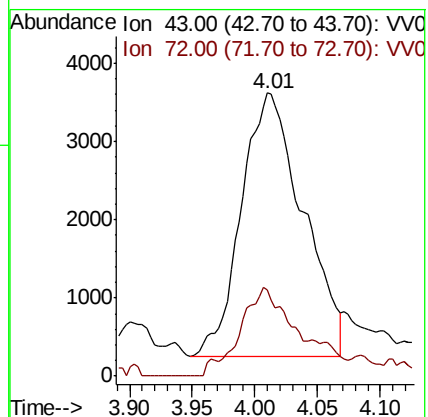
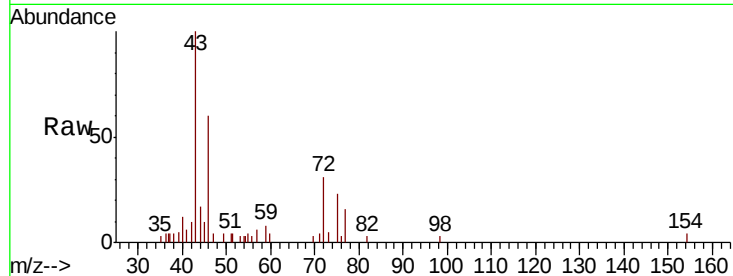
F9E25

Tot Ion: 43 Resp: 11486

Ion Ratio Lower Upper

43 100

72 21.3 12.4 37.4



#27

1,2-Dichloroethane

Concen: 8.711 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.03 min

Lab File: VV016897.D

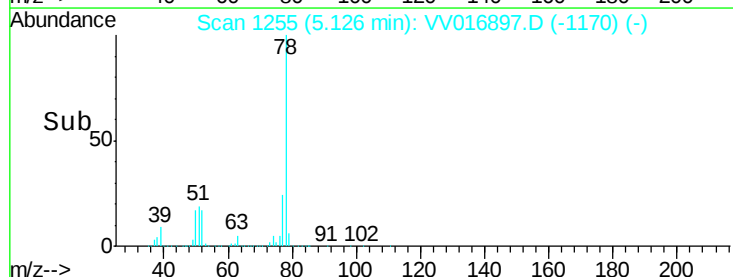
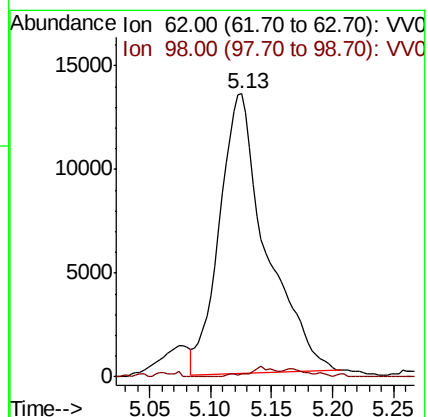
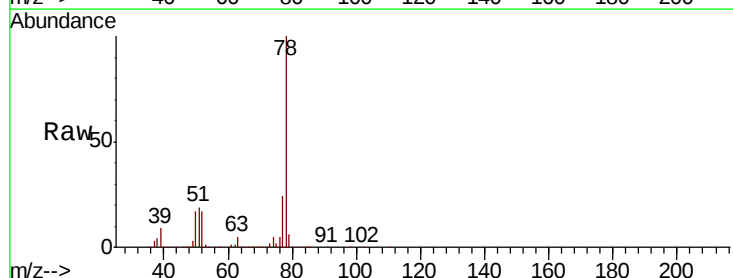
Acq: 12 Jun 2020 22:33

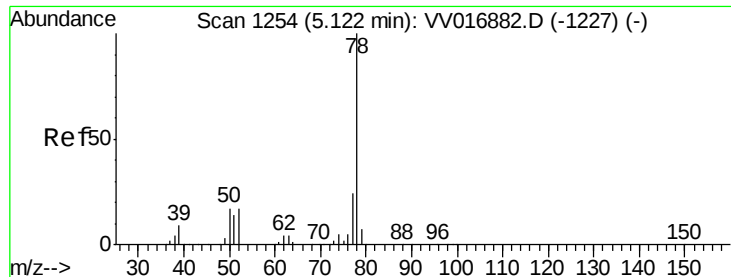
Tgt Ion: 62 Resp: 36176

Ion Ratio Lower Upper

62 100

98 1.0 7.4 11.2#





#33

Benzene

Concen: 267.302 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VV016897.D

Acq: 12 Jun 2020 22:33

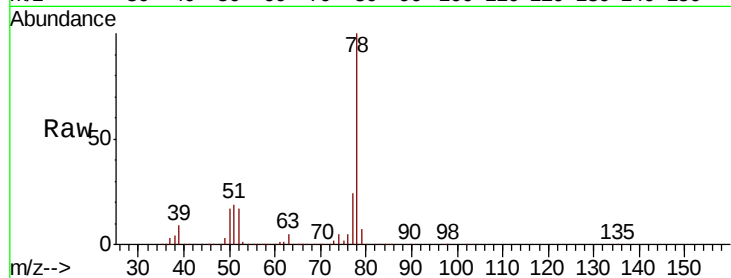
Instrument :

MSVOA_V

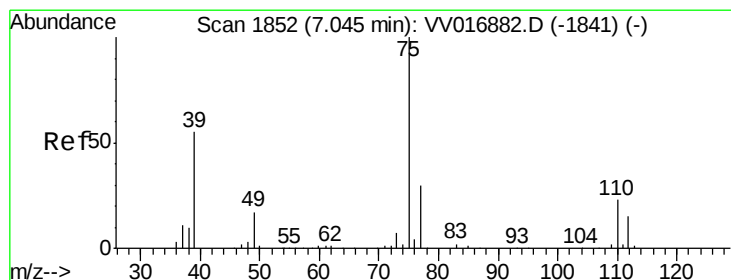
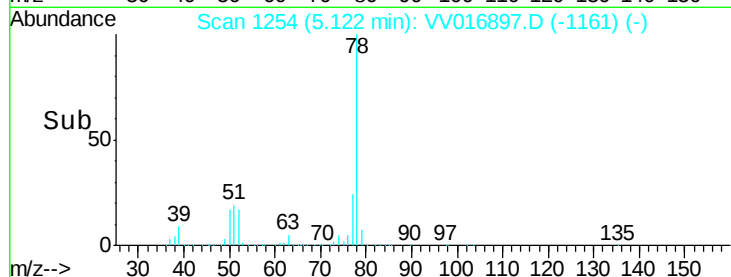
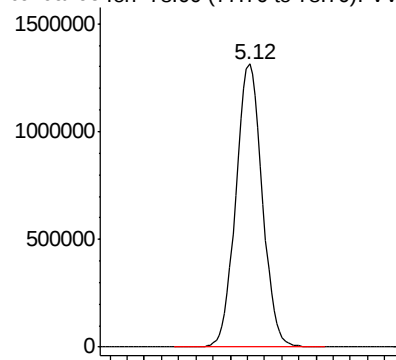
ClientSampleId :

F9E25

Tgt Ion: 78 Resp: 2806031



Abundance Ion 78.00 (77.70 to 78.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.398 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV016897.D

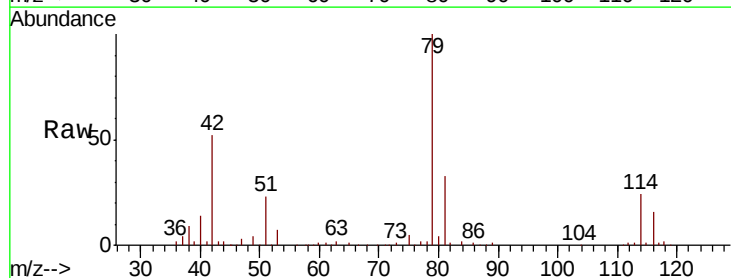
Acq: 12 Jun 2020 22:33

Tgt Ion: 75 Resp: 5928

Ion Ratio Lower Upper

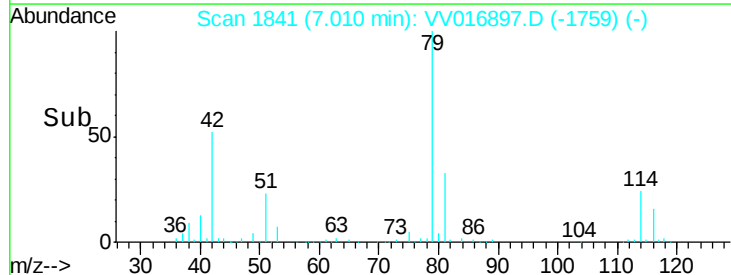
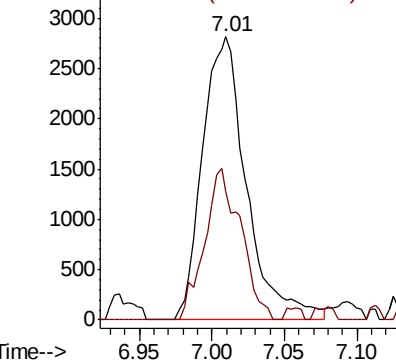
75 100

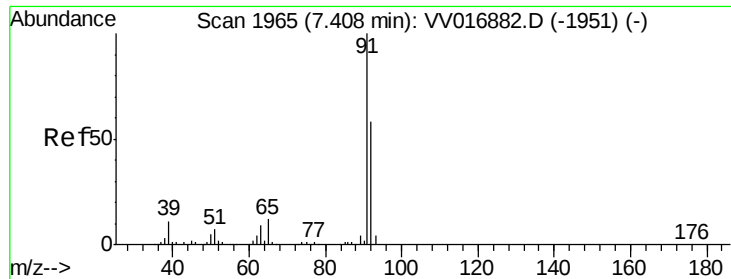
77 45.2 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#42

Toluene

Concen: 1.225 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016897.D

Acq: 12 Jun 2020 22:33

Instrument :

MSVOA_V

ClientSampled :

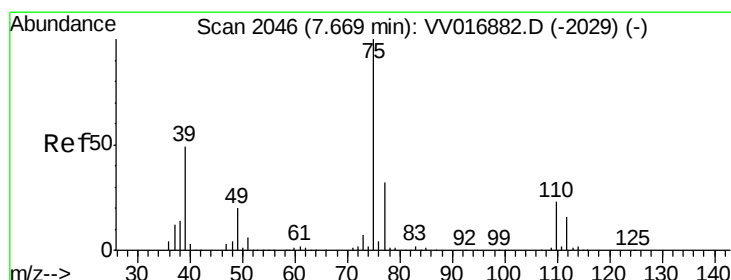
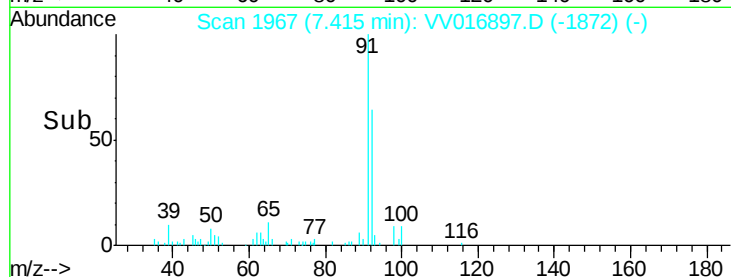
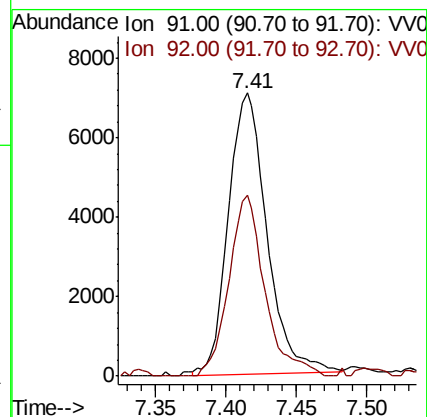
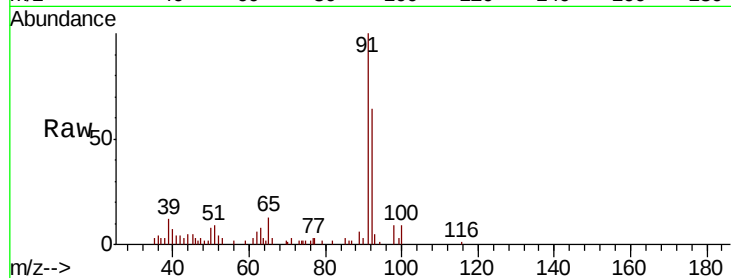
F9E25

Tot Ion: 91 Resp: 13553

Ion Ratio Lower Upper

91 100

92 63.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.959 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016897.D

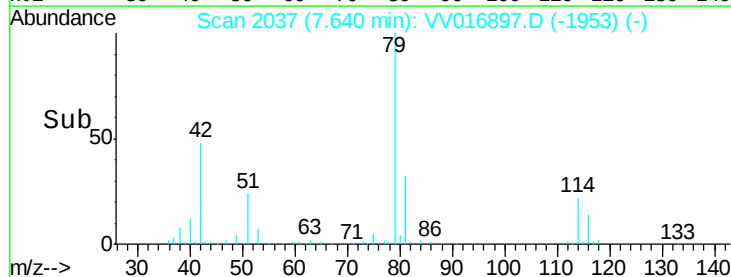
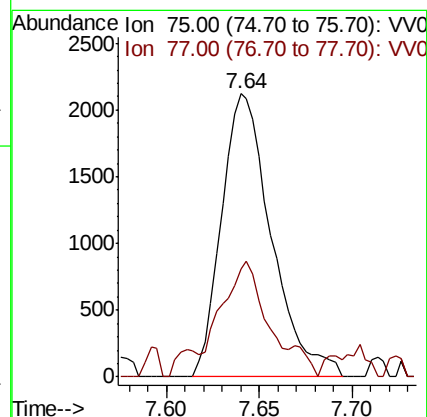
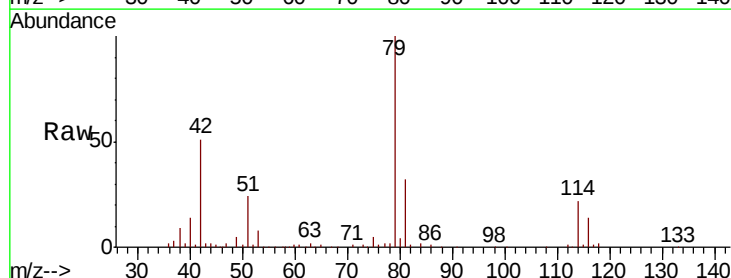
Acq: 12 Jun 2020 22:33

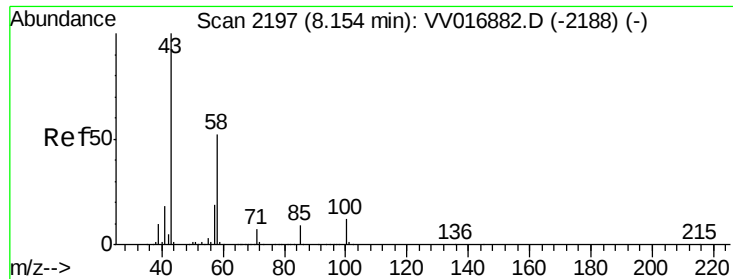
Tgt Ion: 75 Resp: 3955

Ion Ratio Lower Upper

75 100

77 38.0 21.7 40.3

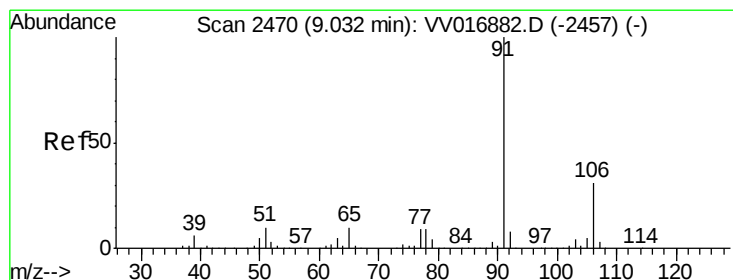
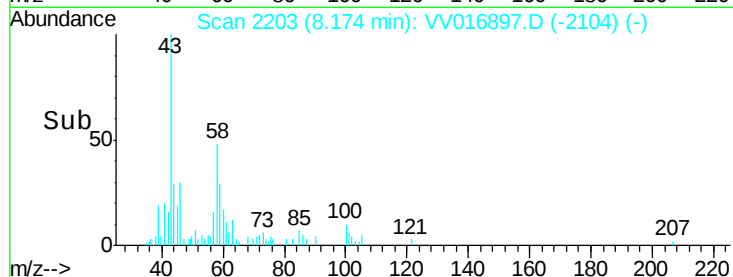
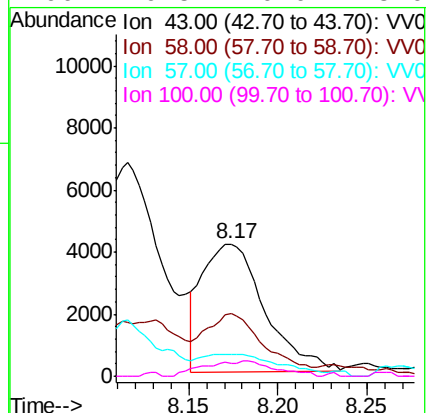
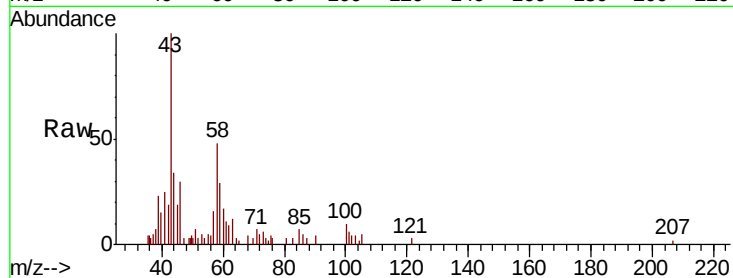




#48
2-Hexanone
Concen: 3.344 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.02 min
Lab File: VV016897.D
Acq: 12 Jun 2020 22:33

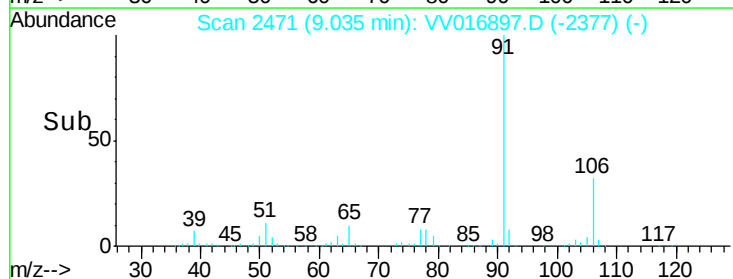
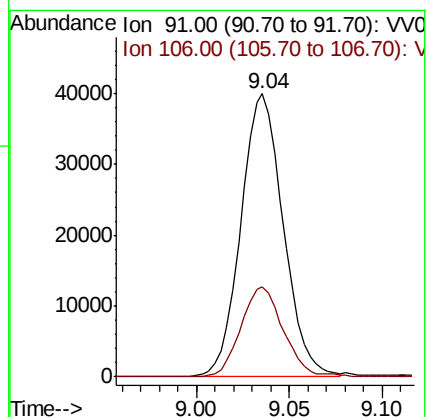
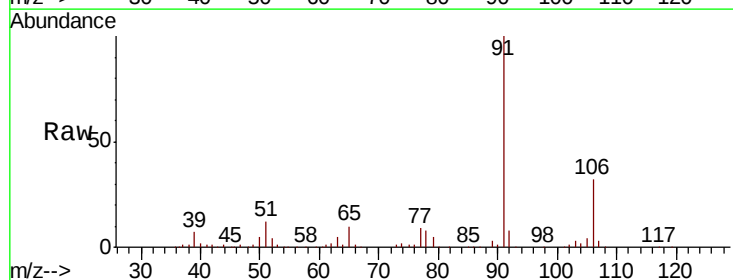
Instrument :
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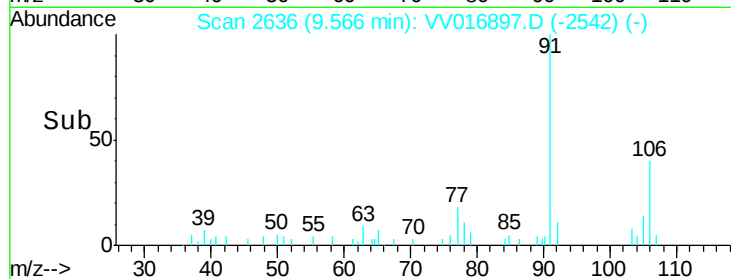
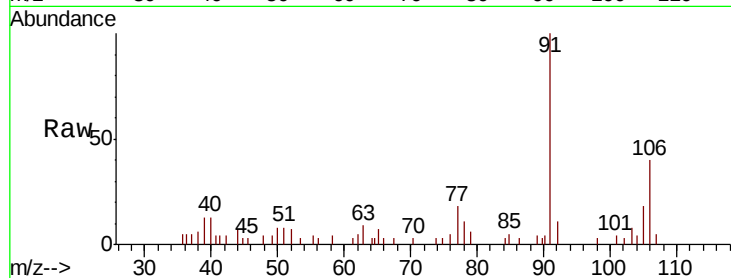
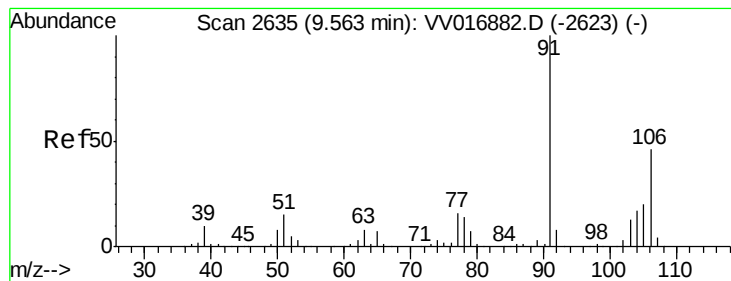
Tot Ion: 43 Resp: 10030
Ion Ratio Lower Upper
43 100
58 35.8 43.1 64.7#
57 1.8 15.3 22.9#
100 0.5 10.0 15.0#



#52
Ethylbenzene
Concen: 5.174 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016897.D
Acq: 12 Jun 2020 22:33

Tgt Ion: 91 Resp: 63417
Ion Ratio Lower Upper
91 100
106 31.8 21.1 39.1





#54

o-xylene

Concen: 0.563 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016897.D

Acq: 12 Jun 2020 22:33

Instrument :

MSVOA_V

ClientSampleId :

F9E25

Tot Ion:106 Resp: 2533

Ion Ratio Lower Upper

106 100

91 250.4 155.9 289.5

