

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016770.D
 Acq On : 10 Jun 2020 15:38
 Operator : SY/MD
 Sample : L2914-13 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E25DL

Quant Time: Jun 11 01:07:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 01:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	350510	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326799	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	172931	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	124266	50.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.48%
7) Chloroethane-d5	1.55	69	59164	39.87	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.74%
11) 1,1-Dichloroethene-d2	2.11	63	146022	35.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.32%
21) 2-Butanone-d5	3.90	46	170032	92.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.89%
24) Chloroform-d	4.37	84	223513	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	5.05	65	163290	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
32) Benzene-d6	5.07	84	446309	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
36) 1,2-Dichloropropane-d6	6.09	67	136391	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.90%
41) Toluene-d8	7.33	98	400545	46.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.66%
43) trans-1,3-Dichloropropene-	7.64	79	68827	45.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.00%
47) 2-Hexanone-d5	8.11	63	106533	83.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	185086	47.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	176216	47.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.50%

Target Compounds

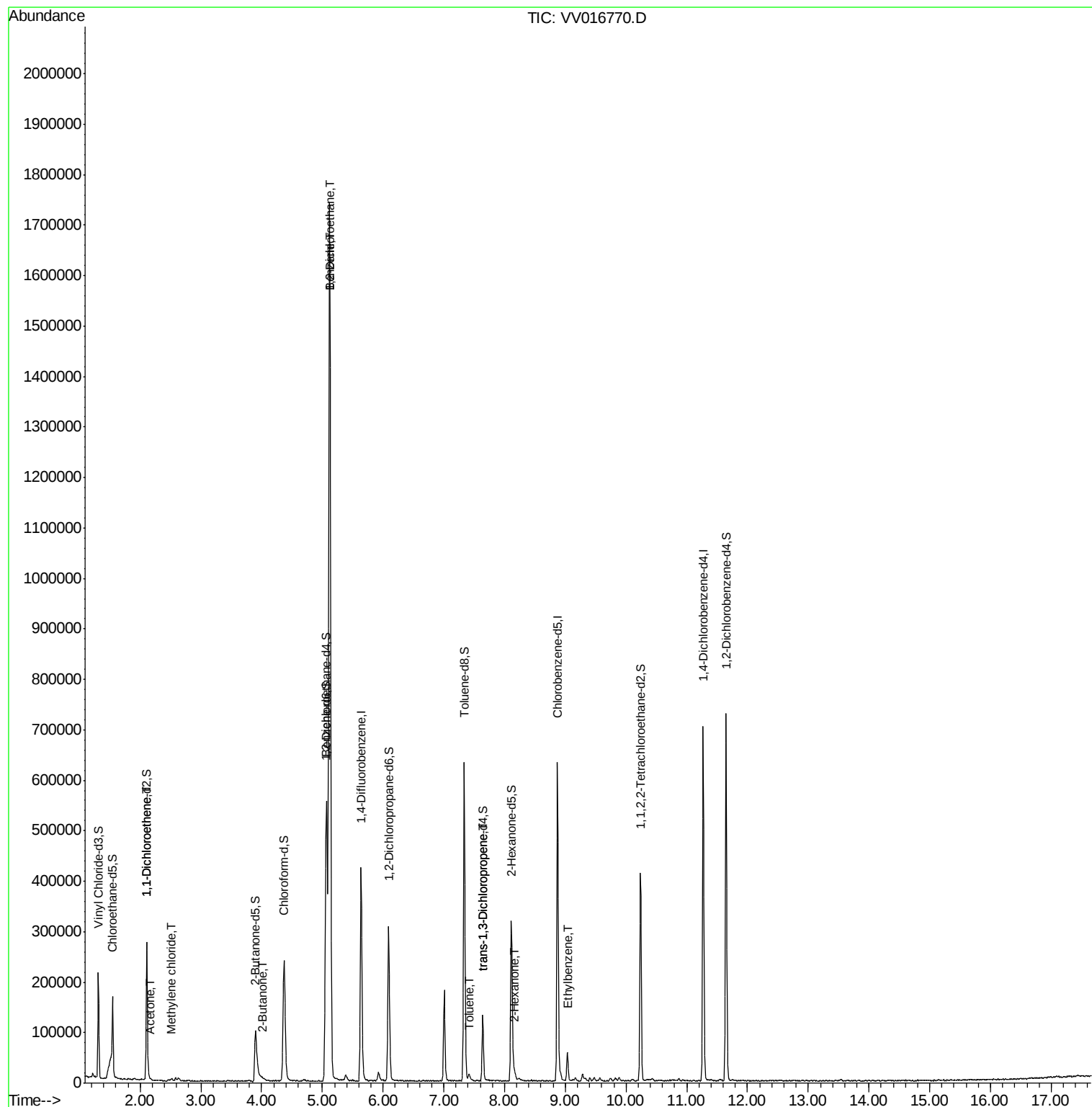
					Ovalue
12) 1,1-Dichloroethene	2.11	96	1326	0.762 ug/L #	1
13) Acetone	2.18	43	1601	1.327 ug/L	98
16) Methylene chloride	2.51	84	1825	0.715 ug/L	95
22) 2-Butanone	4.01	43	3234	1.739 ug/L	93
27) 1,2-Dichloroethane	5.12	62	21998	5.719 ug/L #	74
33) Benzene	5.12	78	1671395	172.860 ug/L	100
42) Toluene	7.41	91	8862	0.869 ug/L	89
44) trans-1,3-Dichloropropene	7.64	75	3742	0.985 ug/L	94
48) 2-Hexanone	8.16	43	9516	3.444 ug/L #	79
52) Ethylbenzene	9.04	91	39308	3.482 ug/L	96

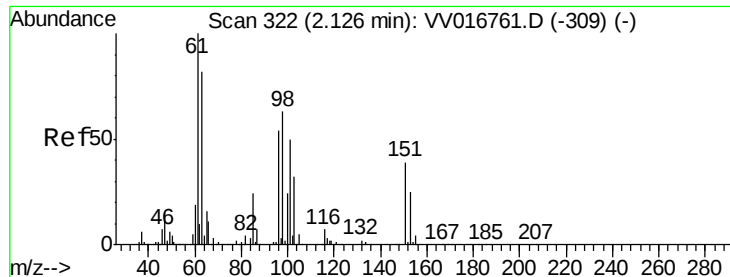
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 11 01:04:46 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.762 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV016770.D

Acq: 10 Jun 2020 15:38

Instrument :

MSVOA_V

ClientSampleId :

F9E25DL

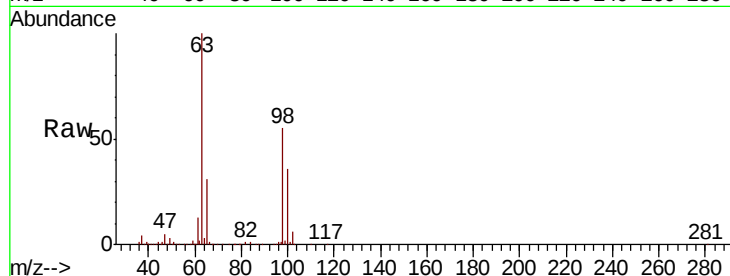
Tot Ion: 96 Resp: 1326

Ion Ratio Lower Upper

96 100

61 1410.4 130.4 242.2#

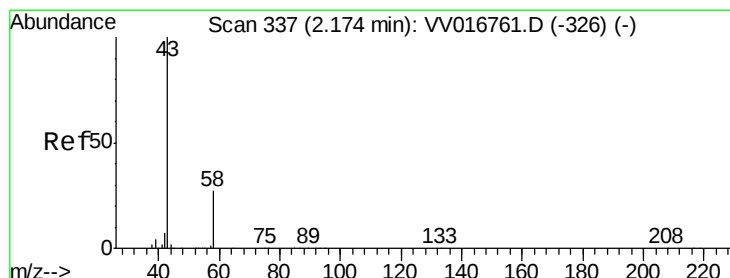
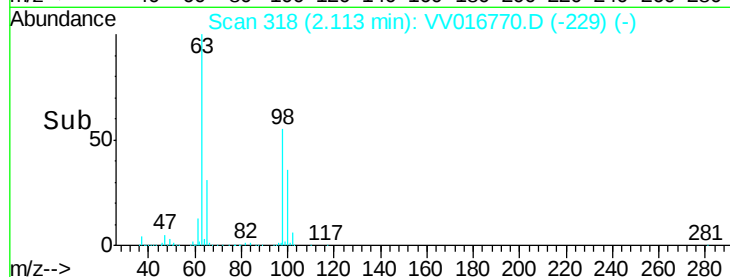
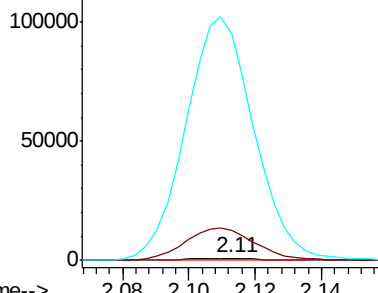
63 10770.4 103.3 191.9#



Abundance Ion 96.00 (95.70 to 96.70): VV016770.D (-229) (-)

Ion 61.00 (60.70 to 61.70): VV016770.D (-229) (-)

Ion 63.00 (62.70 to 63.70): VV016770.D (-229) (-)



#13

Acetone

Concen: 1.327 ug/L

RT: 2.18 min Scan# 339

Delta R.T. 0.01 min

Lab File: VV016770.D

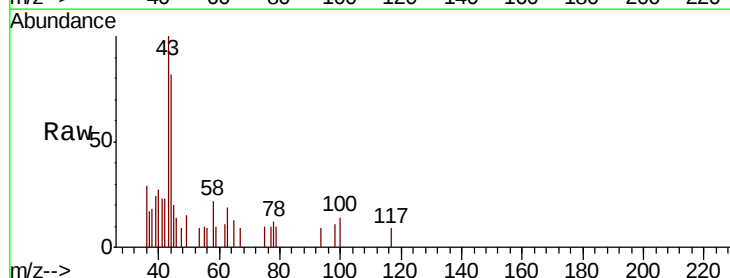
Acq: 10 Jun 2020 15:38

Tgt Ion: 43 Resp: 1601

Ion Ratio Lower Upper

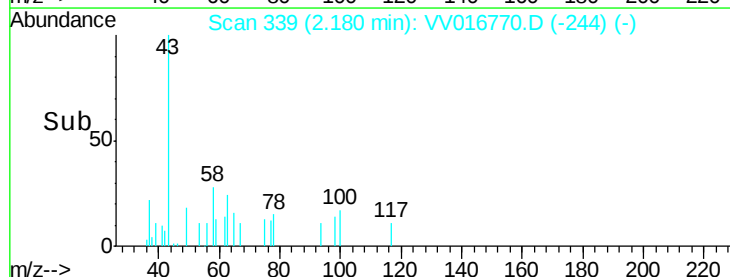
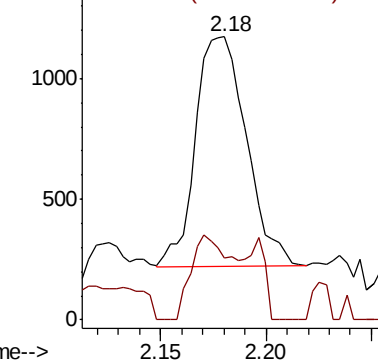
43 100

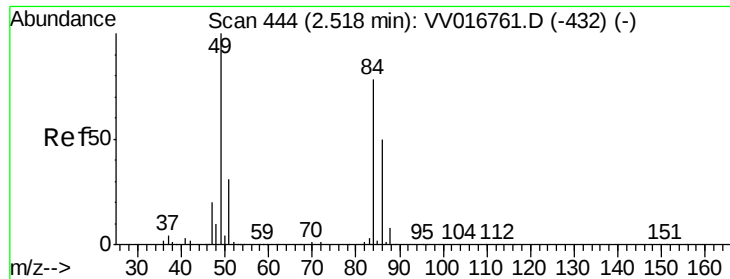
58 28.7 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016770.D (-244) (-)

Ion 58.00 (57.70 to 58.70): VV016770.D (-244) (-)

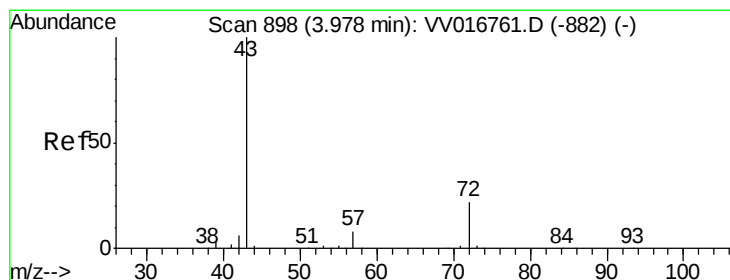
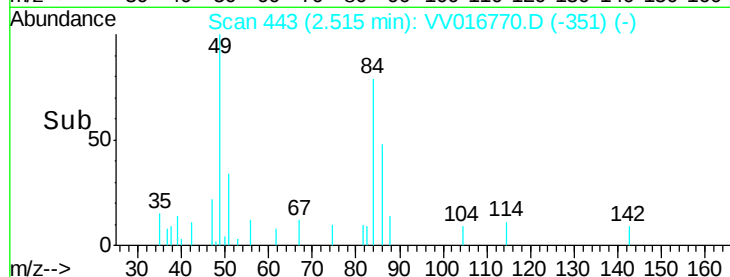
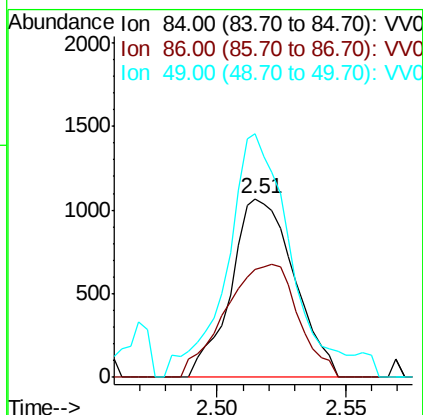
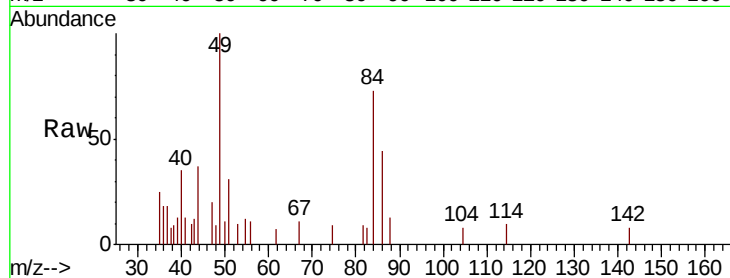




#16
Methvlene chloride
Concen: 0.715 ug/L
RT: 2.51 min Scan# 443
Delta R.T. -0.00 min
Lab File: VV016770.D
Acq: 10 Jun 2020 15:38

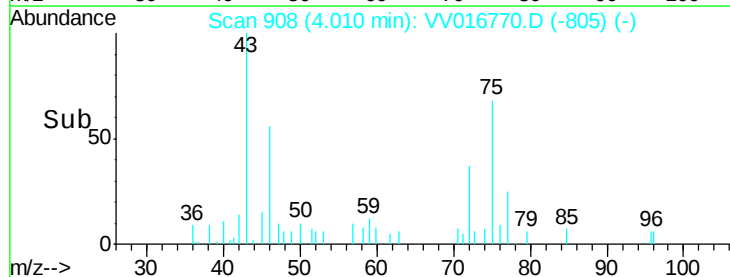
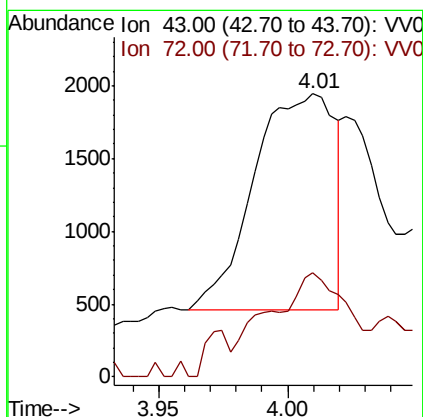
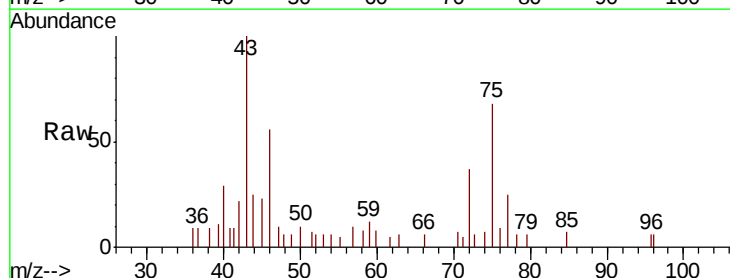
Instrument :
MSVOA_V
ClientSampleId :
F9E25DL

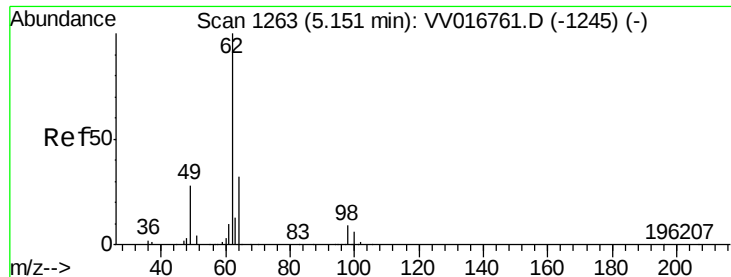
Tot Ion: 84 Resp: 1825
Ion Ratio Lower Upper
84 100
86 60.1 44.0 81.8
49 136.1 90.9 168.9



#22
2-Butanone
Concen: 1.739 ug/L
RT: 4.01 min Scan# 908
Delta R.T. 0.03 min
Lab File: VV016770.D
Acq: 10 Jun 2020 15:38

Tgt Ion: 43 Resp: 3234
Ion Ratio Lower Upper
43 100
72 28.6 12.4 37.4





#27

1,2-Dichloroethane

Concen: 5.719 ug/L

RT: 5.12 min Scan# 1252

Delta R.T. -0.04 min

Lab File: VV016770.D

Acq: 10 Jun 2020 15:38

Instrument :

MSVOA_V

ClientSampleId :

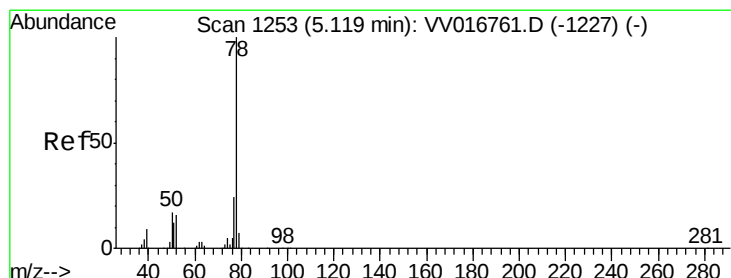
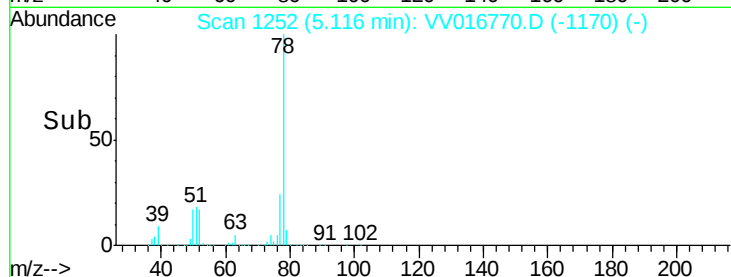
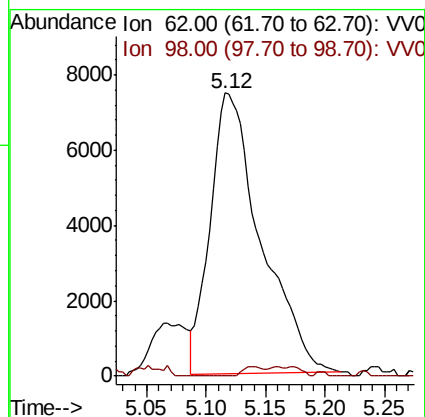
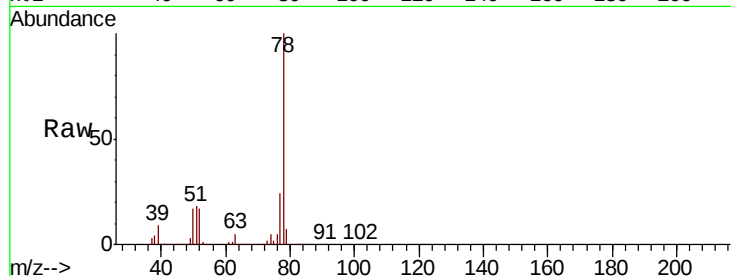
F9E25DL

Tot Ion: 62 Resp: 21998

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#



#33

Benzene

Concen: 172.860 ug/L

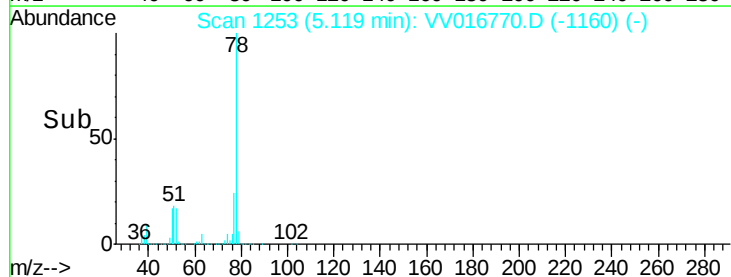
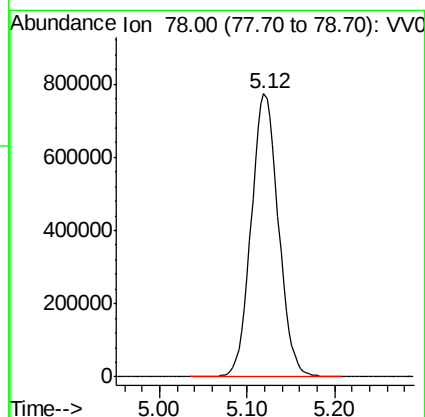
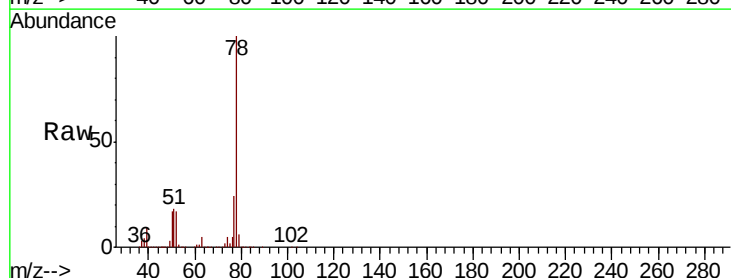
RT: 5.12 min Scan# 1253

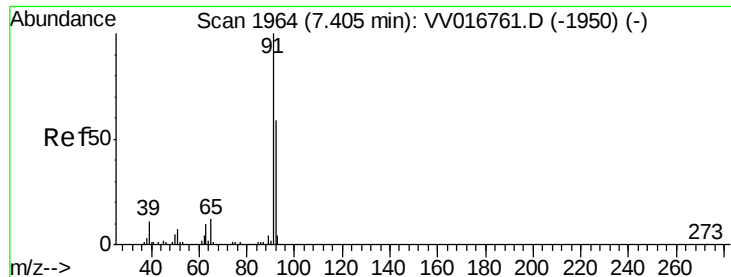
Delta R.T. 0.00 min

Lab File: VV016770.D

Acq: 10 Jun 2020 15:38

Tgt Ion: 78 Resp: 1671395





#42

Toluene

Concen: 0.869 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.01 min

Lab File: VV016770.D

Acq: 10 Jun 2020 15:38

Instrument :

MSVOA_V

ClientSampleId :

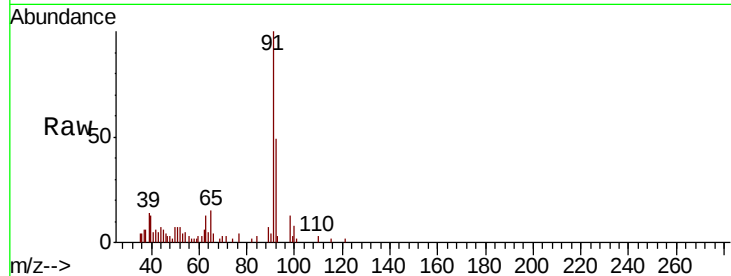
F9E25DL

Tot Ion: 91 Resp: 8862

Ion Ratio Lower Upper

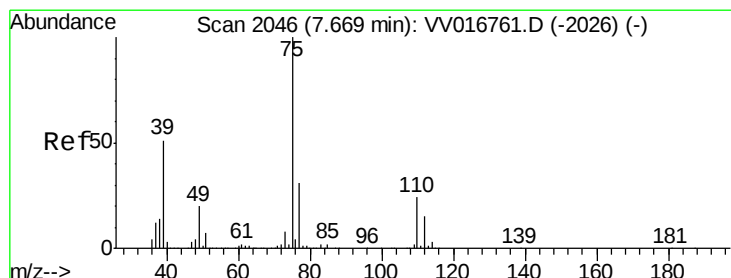
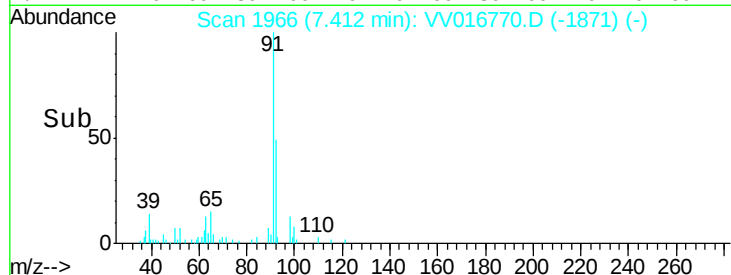
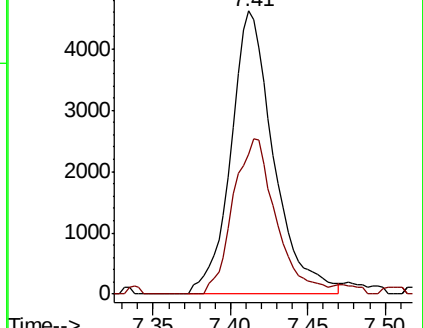
91 100

92 49.5 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV016770.D (-1871) (-)

Ion 92.00 (91.70 to 92.70): VV016770.D (-1871) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.985 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016770.D

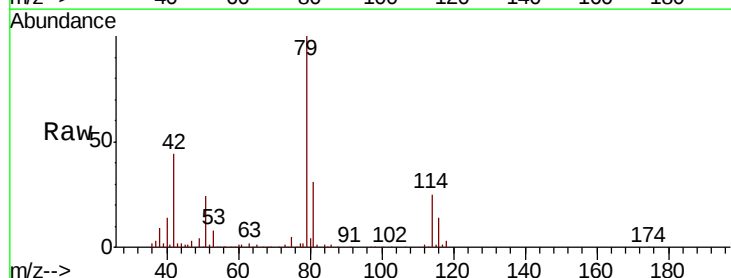
Acq: 10 Jun 2020 15:38

Tgt Ion: 75 Resp: 3742

Ion Ratio Lower Upper

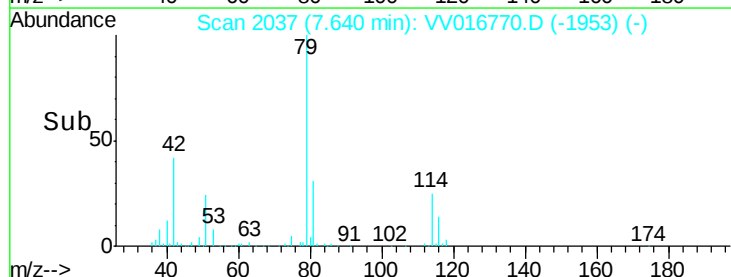
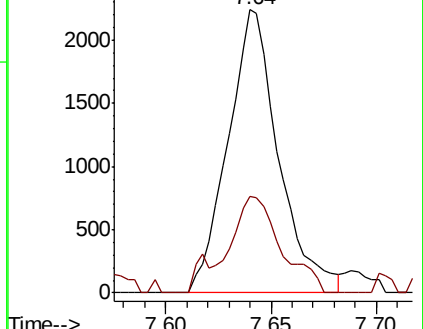
75 100

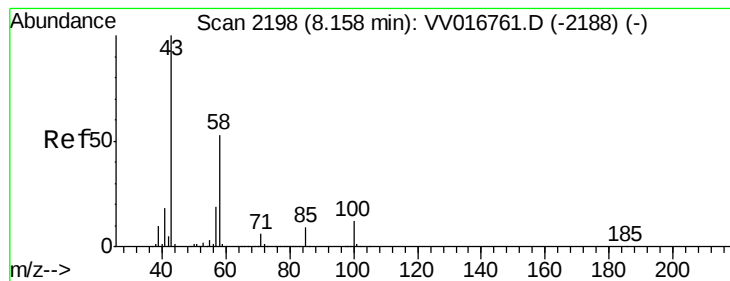
77 34.3 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV016770.D (-1953) (-)

Ion 77.00 (76.70 to 77.70): VV016770.D (-1953) (-)





#48

2-Hexanone

Concen: 3.444 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016770.D

Acq: 10 Jun 2020 15:38

Instrument :

MSVOA_V

ClientSampleId :

F9E25DL

Tot Ion: 43 Resp: 9516

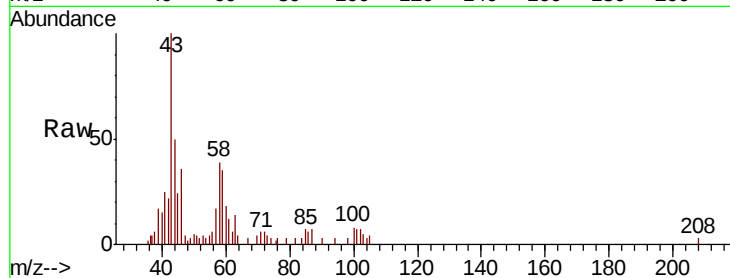
Ion Ratio Lower Upper

43 100

58 42.4 43.1 64.7#

57 2.6 15.3 22.9#

100 4.6 10.0 15.0#

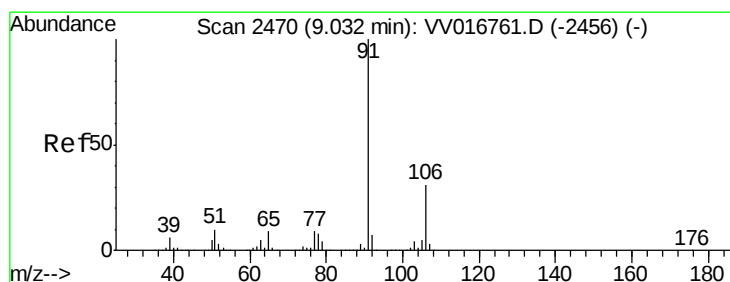
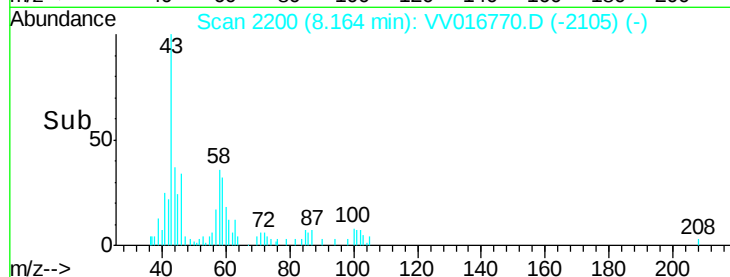
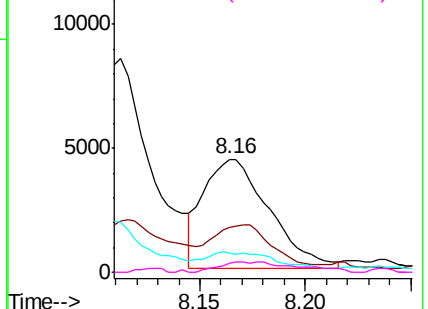


Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0



#52

Ethylbenzene

Concen: 3.482 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016770.D

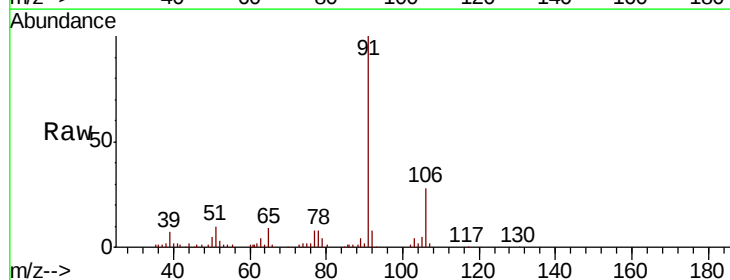
Acq: 10 Jun 2020 15:38

Tgt Ion: 91 Resp: 39308

Ion Ratio Lower Upper

91 100

106 28.1 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): VV0

