

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016769.D
 Acq On : 10 Jun 2020 15:15
 Operator : SY/MD
 Sample : L2914-12DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E15DL

Quant Time: Jun 11 01:07:40 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	366514	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	346857	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170786	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	110482	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.44%
7) Chloroethane-d5	1.56	69	74625	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.18%
11) 1,1-Dichloroethene-d2	2.12	63	146538	33.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.48%
21) 2-Butanone-d5	3.89	46	172933	90.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.35%
24) Chloroform-d	4.37	84	224493	42.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.38%
26) 1,2-Dichloroethane-d4	5.05	65	161450	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.28%
32) Benzene-d6	5.07	84	442976	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.09	67	138779	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.06%
41) Toluene-d8	7.34	98	401114	43.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.44%
43) trans-1,3-Dichloropropene-	7.64	79	69766	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.96%
47) 2-Hexanone-d5	8.11	63	99266	73.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.05%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179736	43.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	169927	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%

Target Compounds

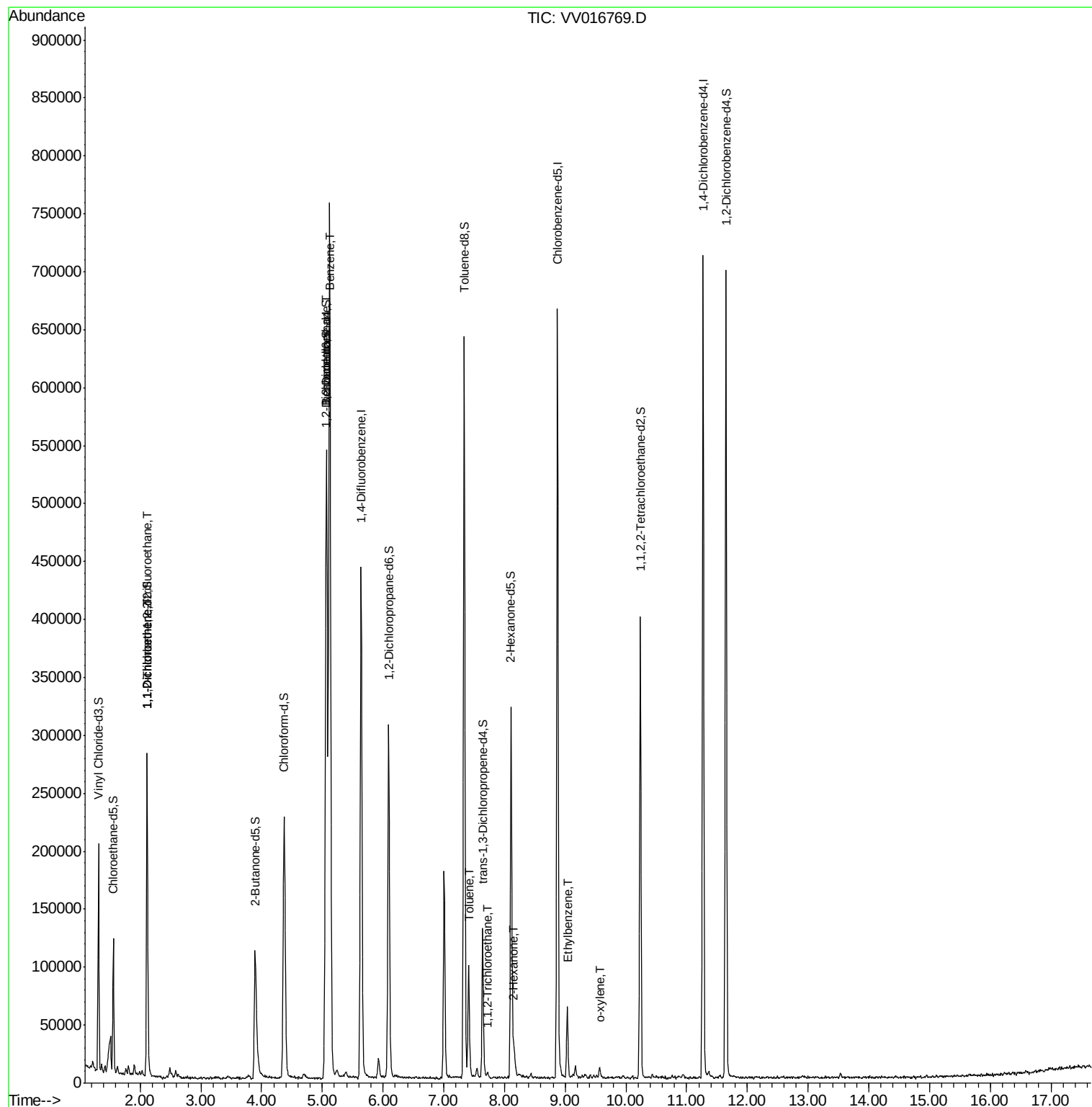
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1535	0.788	ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1383	0.760	ug/L #	1
27) 1,2-Dichloroethane	5.08	62	3075	0.765	ug/L	96
33) Benzene	5.12	78	734451	71.566	ug/L	100
42) Toluene	7.41	91	68985	6.377	ug/L	100
45) 1,1,2-Trichloroethane	7.72	97	2436	0.946	ug/L #	23
48) 2-Hexanone	8.16	43	10623	3.623	ug/L	90
52) Ethylbenzene	9.04	91	40494	3.379	ug/L	97
54) o-xylene	9.57	106	2753	0.626	ug/L	86

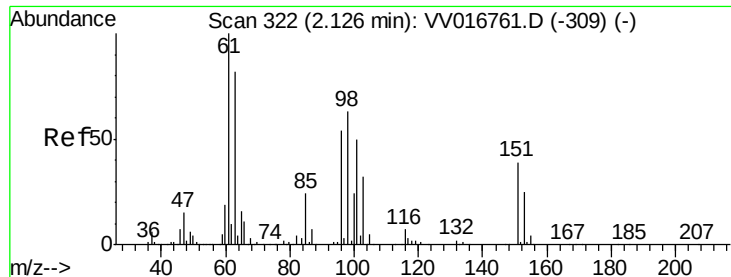
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#10

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

Concen: 0.788 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016769.D

Acq: 10 Jun 2020 15:15

Instrument :

MSVOA_V

ClientSampleId :

F9E15DL

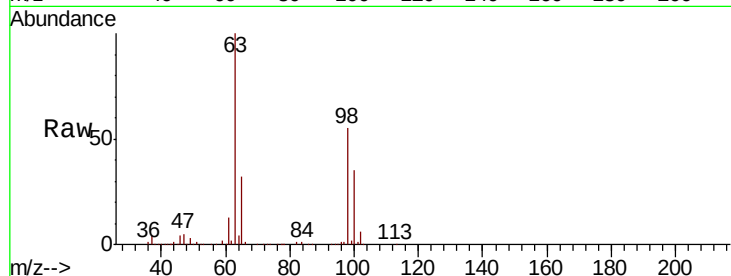
Tot Ion:101 Resp: 1535

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

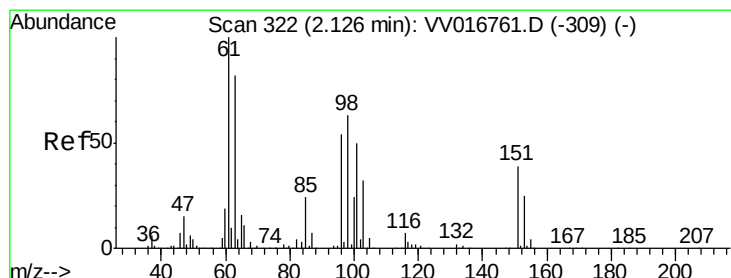
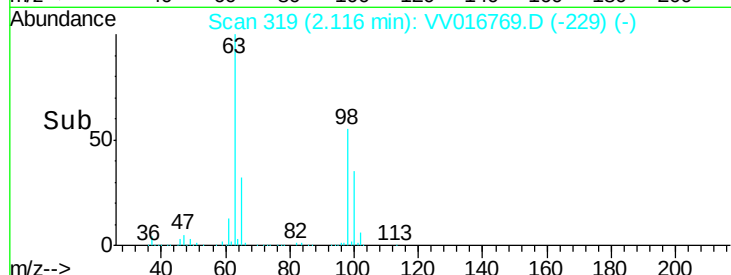
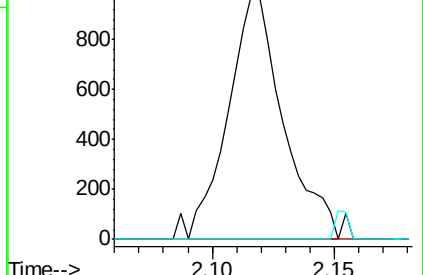
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.760 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016769.D

Acq: 10 Jun 2020 15:15

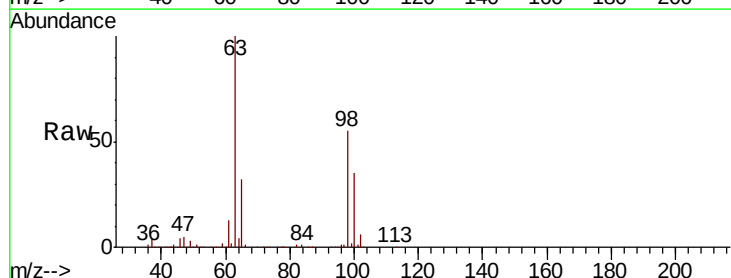
Tgt Ion: 96 Resp: 1383

Ion Ratio Lower Upper

96 100

61 1485.9 130.4 242.2#

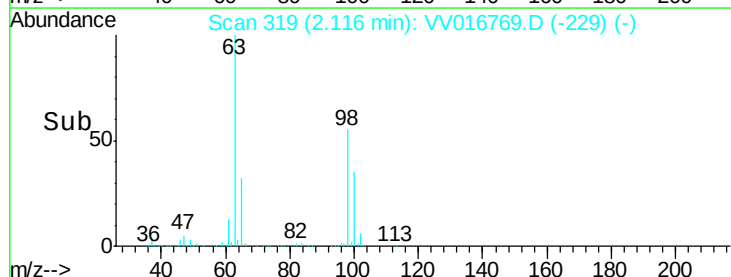
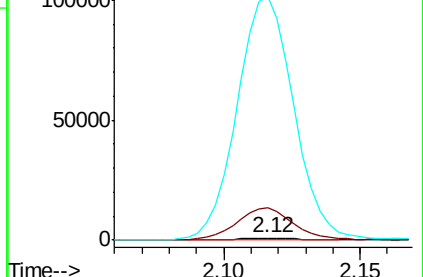
63 11344.8 103.3 191.9#

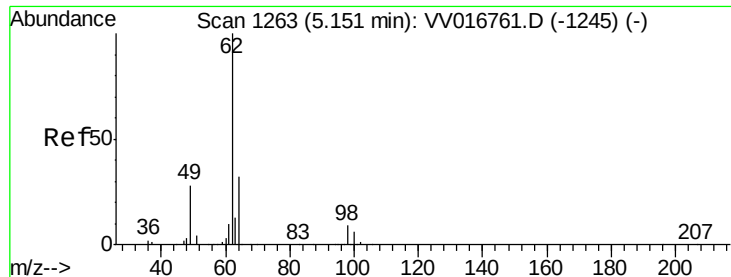


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

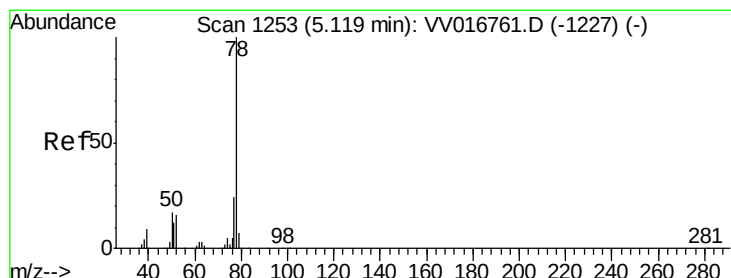
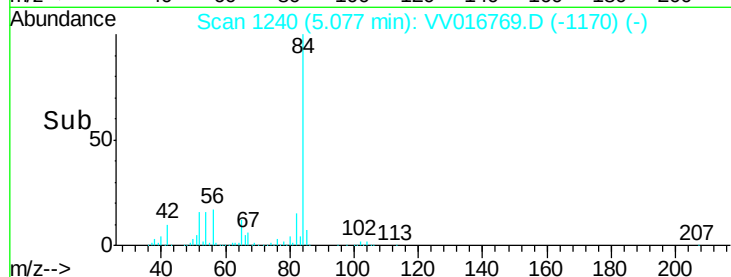
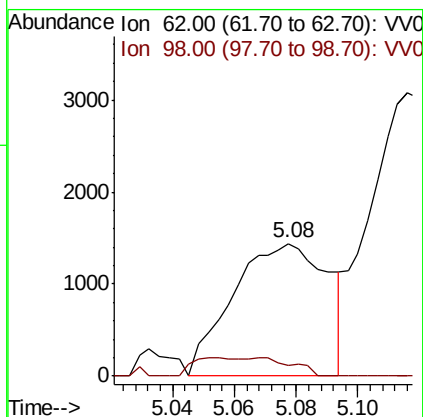
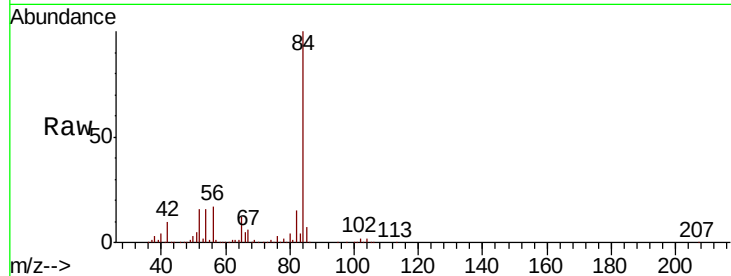




#27
 1,2-Dichloroethane
 Concen: 0.765 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.07 min
 Lab File: VV016769.D
 Acq: 10 Jun 2020 15:15

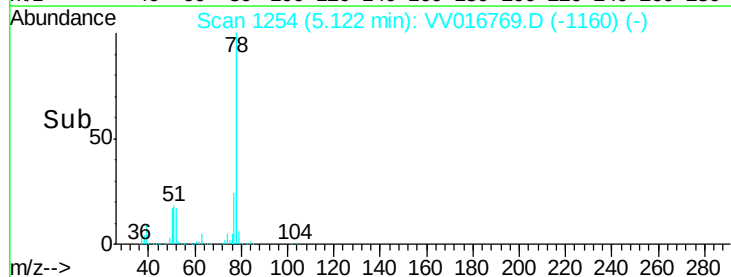
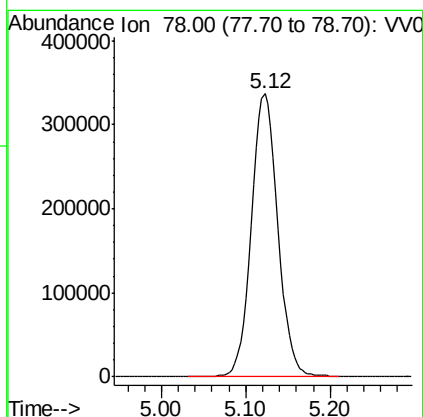
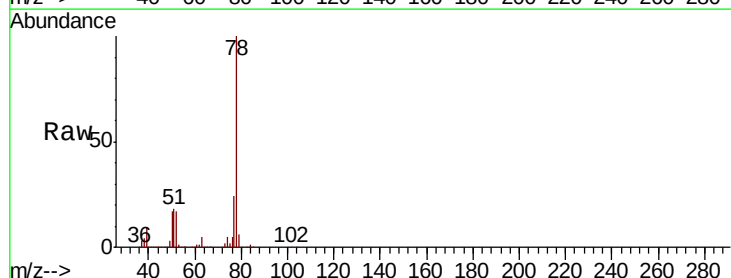
Instrument :
 MSVOA_V
 ClientSampled :
 F9E15DL

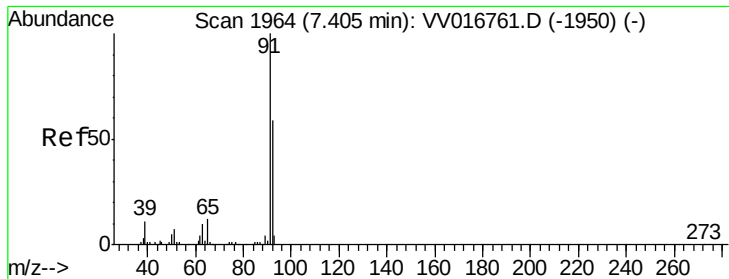
Tot Ion: 62 Resp: 3075
 Ion Ratio Lower Upper
 62 100
 98 8.0 7.4 11.2



#33
 Benzene
 Concen: 71.566 ug/L
 RT: 5.12 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: VV016769.D
 Acq: 10 Jun 2020 15:15

Tgt Ion: 78 Resp: 734451





#42

Toluene

Concen: 6.377 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.01 min

Lab File: VV016769.D

Acq: 10 Jun 2020 15:15

Instrument :

MSVOA_V

ClientSampled :

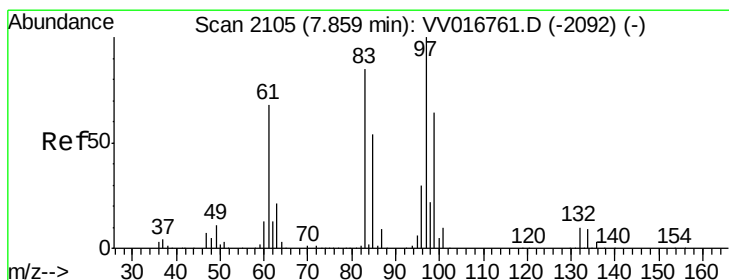
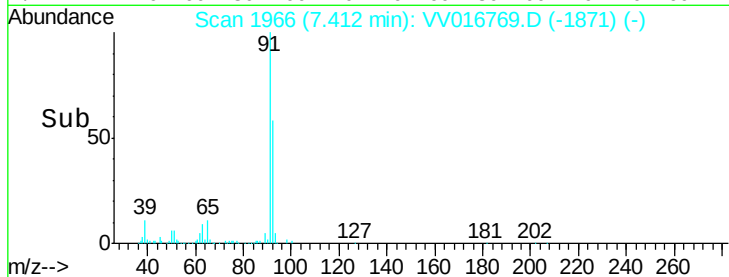
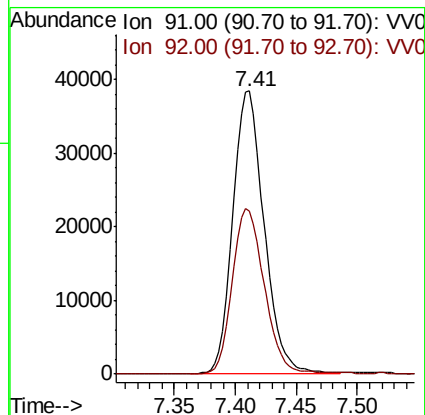
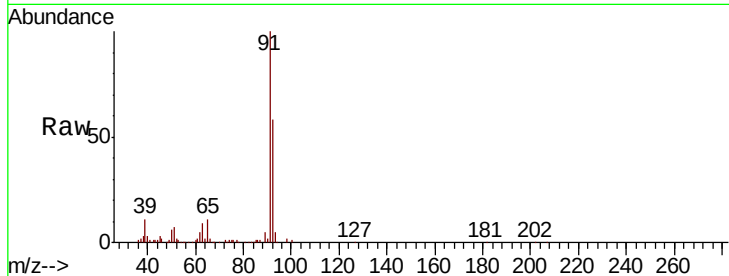
F9E15DL

Tot Ion: 91 Resp: 68985

Ion Ratio Lower Upper

91 100

92 57.6 40.4 75.0



#45

1,1,2-Trichloroethane

Concen: 0.946 ug/L

RT: 7.72 min Scan# 2061

Delta R.T. -0.14 min

Lab File: VV016769.D

Acq: 10 Jun 2020 15:15

Tgt Ion: 97 Resp: 2436

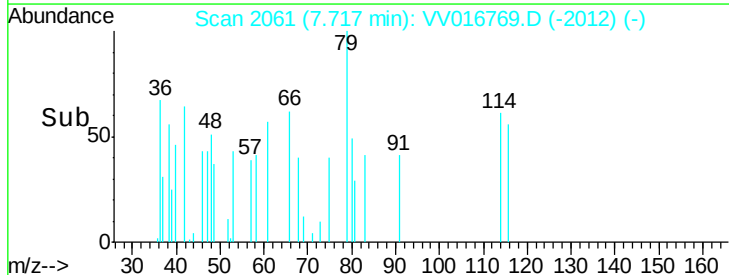
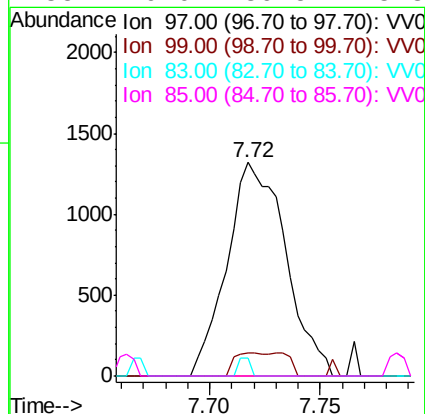
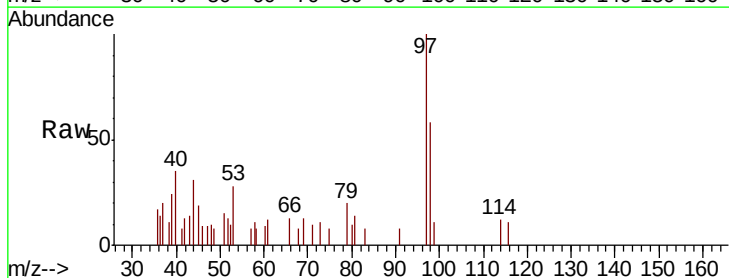
Ion Ratio Lower Upper

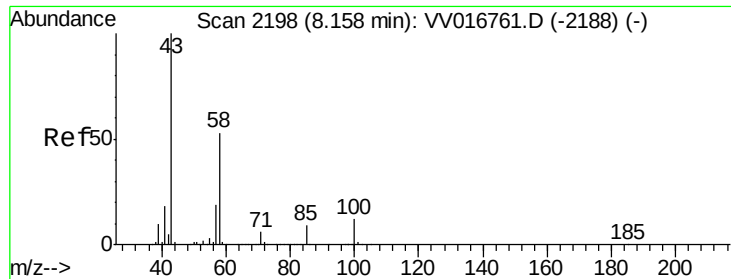
97 100

99 11.1 44.3 82.3#

83 8.3 60.0 111.4#

85 0.0 39.5 73.3#

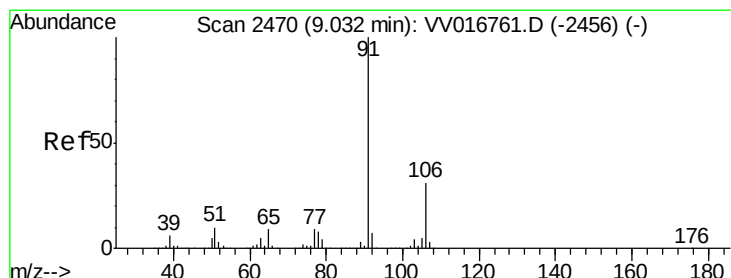
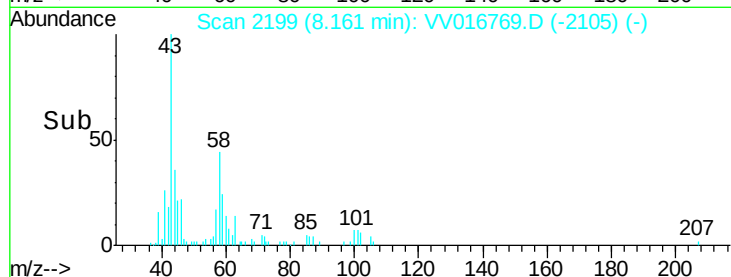
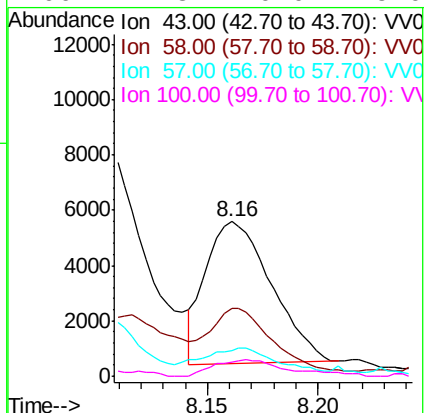
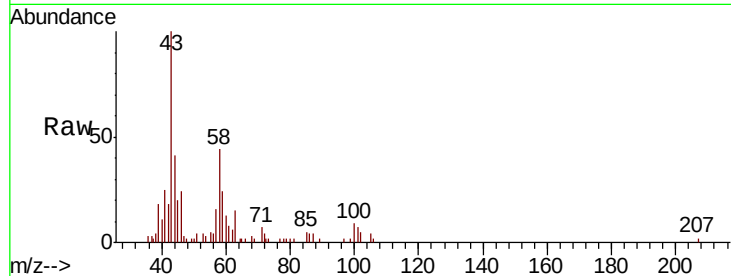




#48
2-Hexanone
Concen: 3.623 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV016769.D
Acq: 10 Jun 2020 15:15

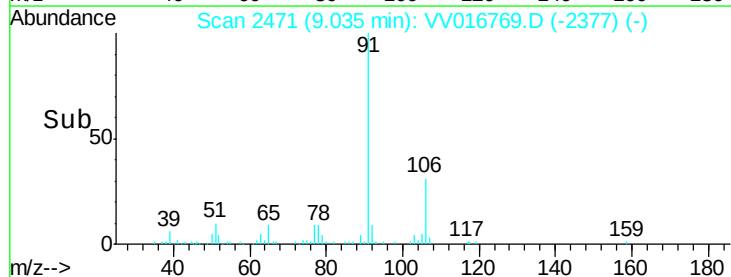
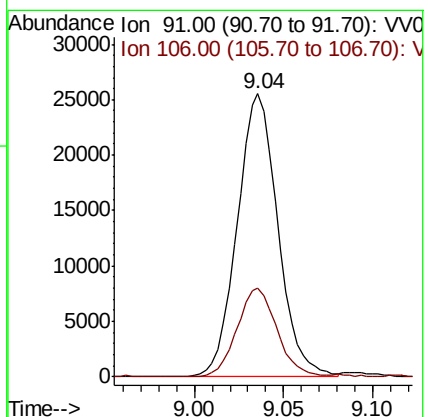
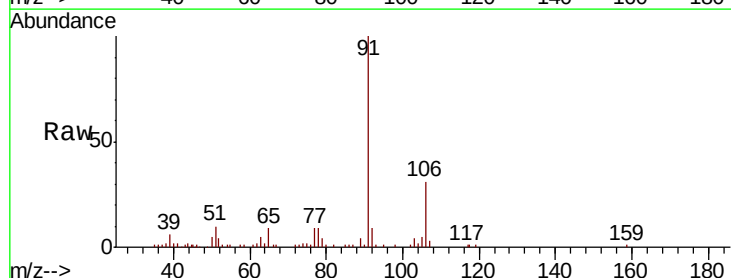
Instrument :
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ClientSampleId :
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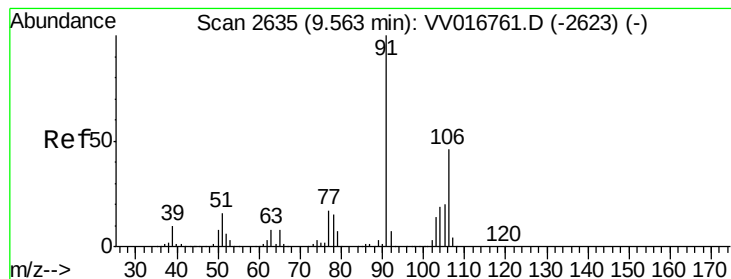
Tot Ion: 43 Resp: 10623
Ion Ratio Lower Upper
43 100
58 45.2 43.1 64.7
57 22.8 15.3 22.9
100 11.3 10.0 15.0



#52
Ethylbenzene
Concen: 3.379 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016769.D
Acq: 10 Jun 2020 15:15

Tgt Ion: 91 Resp: 40494
Ion Ratio Lower Upper
91 100
106 31.5 21.1 39.1





#54

o-xylene

Concen: 0.626 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.01 min

Lab File: VV016769.D

Acq: 10 Jun 2020 15:15

Instrument :

MSVOA_V

ClientSampleId :

F9E15DL

Tot Ion:106 Resp: 2753

Ion Ratio Lower Upper

106 100

91 200.3 155.9 289.5

