

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015273.D
 Acq On : 30 Mar 2020 15:40
 Operator : SY/MD
 Sample : L2045-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 02:20:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 31 02:12:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	715179	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	681903	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	299658	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	221831	42.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.08%
7) Chloroethane-d5	1.58	69	214516	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.42%
11) 1,1-Dichloroethene-d2	2.12	63	368323	32.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.50%
21) 2-Butanone-d5	3.94	46	307508	90.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.17%
24) Chloroform-d	4.38	84	394828	42.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.22%
26) 1,2-Dichloroethane-d4	5.06	65	272286	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
32) Benzene-d6	5.07	84	799414	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.82%
36) 1,2-Dichloropropane-d6	6.09	67	252715	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.80%
41) Toluene-d8	7.34	98	763961	44.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.72%
43) trans-1,3-Dichloropropene-	7.64	79	132112	43.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.16%
47) 2-Hexanone-d5	8.12	63	228705	87.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	351363	42.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	258305	43.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.62%

Target Compounds

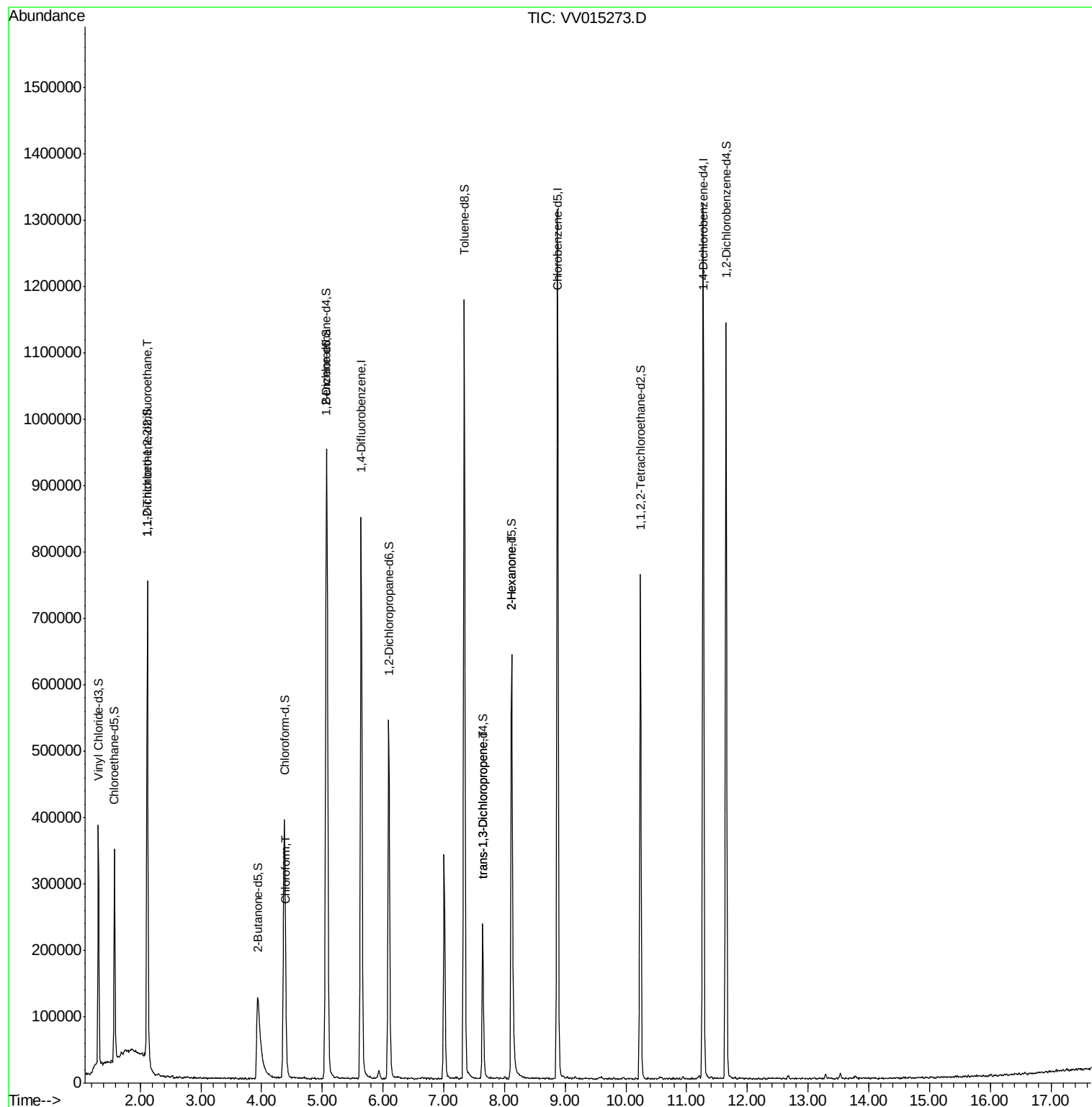
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	4253	0.778 ug/L #	27
25) Chloroform	4.41	83	12711	1.441 ug/L	89
44) trans-1,3-Dichloropropene	7.65	75	7412	0.973 ug/L	89
48) 2-Hexanone	8.12	43	34856	6.655 ug/L #	75

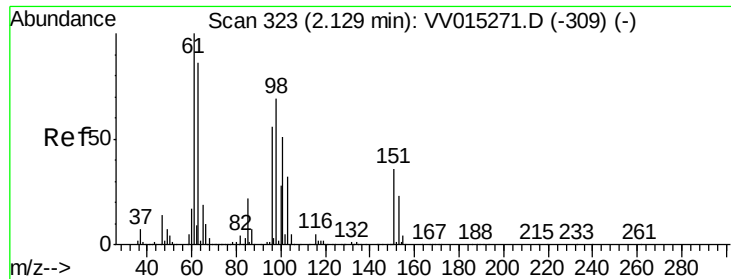
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.778 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015273.D

Acq: 30 Mar 2020 15:40

Instrument :

MSVOA_V

ClientSampleId :

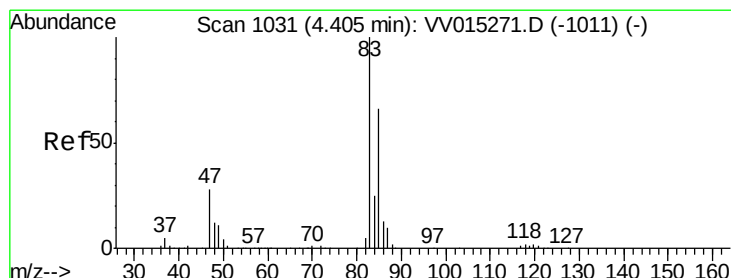
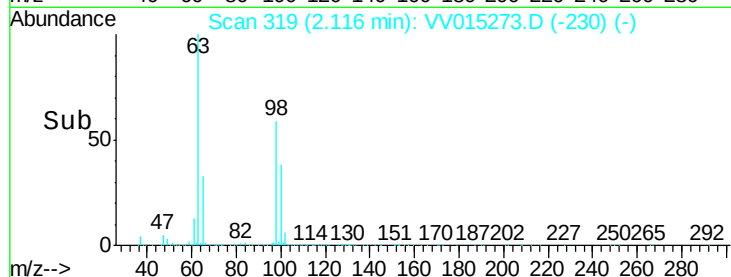
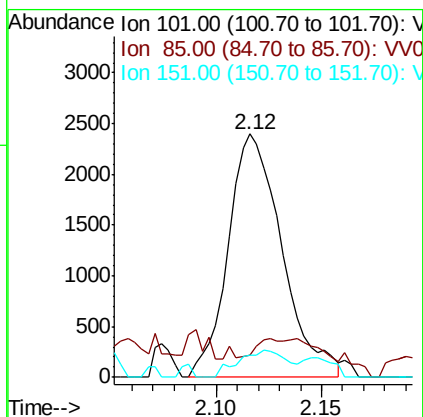
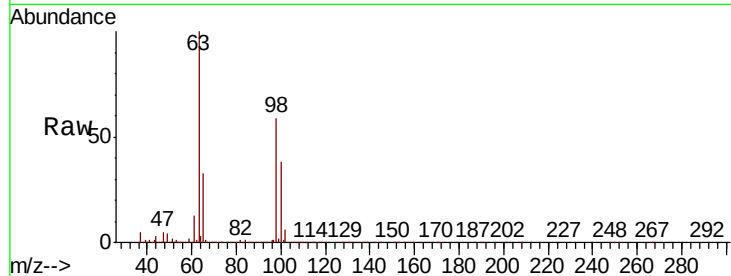
Tot Ion:101 Resp: 4253

Ion Ratio Lower Upper

101 100

85 3.3 35.0 52.6#

151 6.6 58.2 87.4#



#25

Chloroform

Concen: 1.441 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015273.D

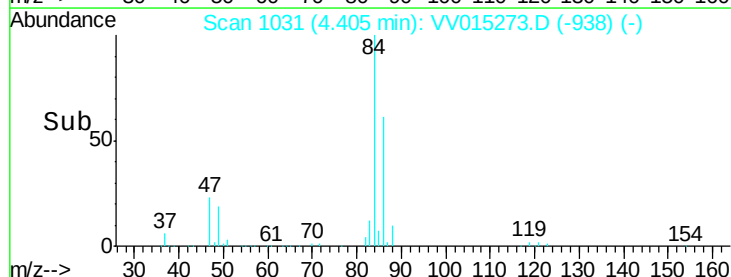
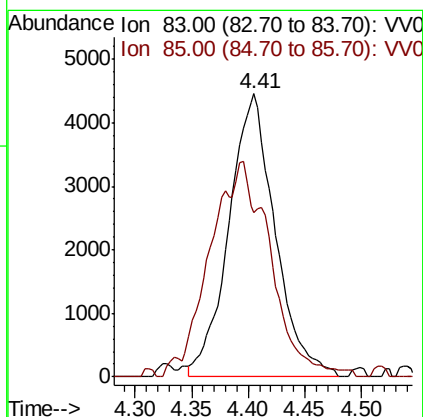
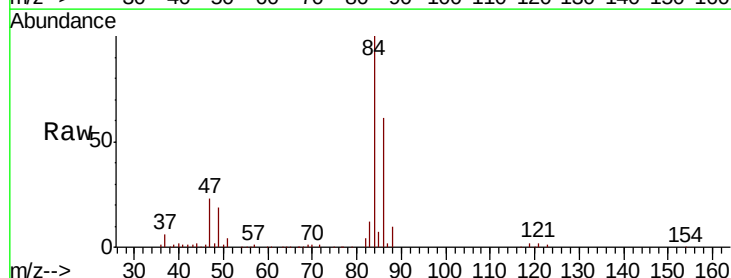
Acq: 30 Mar 2020 15:40

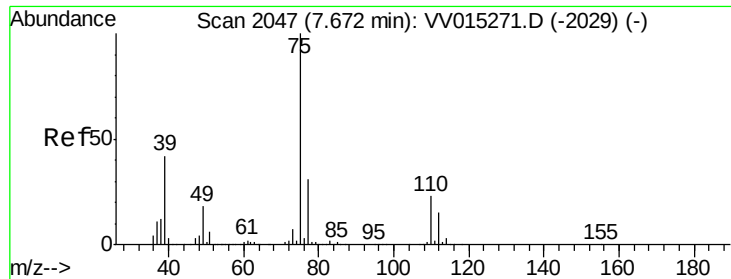
Tgt Ion: 83 Resp: 12711

Ion Ratio Lower Upper

83 100

85 57.8 46.6 86.6

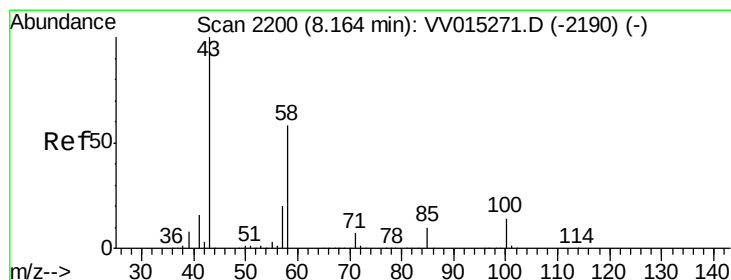
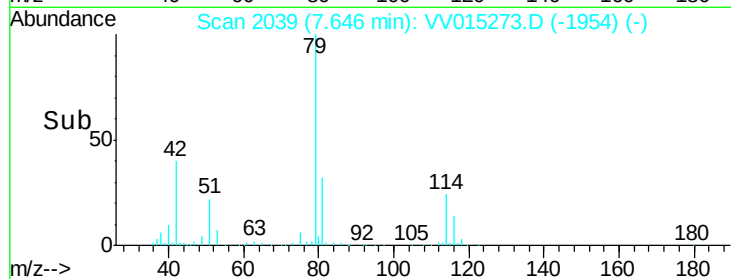
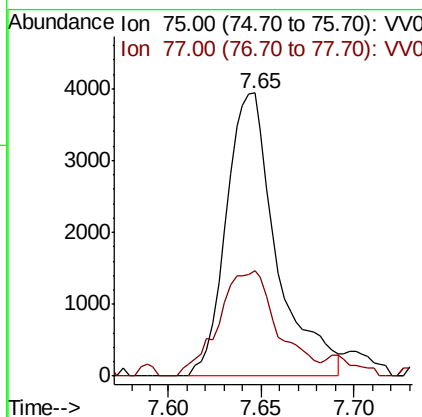
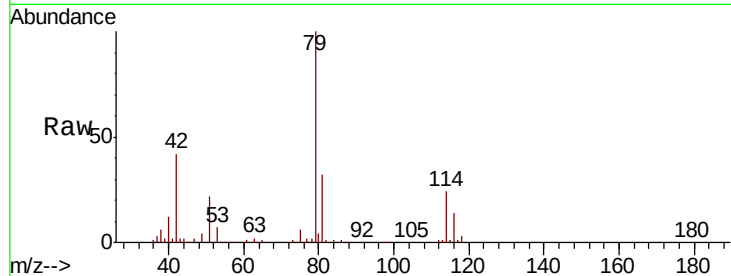




#44
trans-1,3-Dichloropropene
Concen: 0.973 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
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Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 7412
Ion Ratio Lower Upper
75 100
77 37.0 21.8 40.4



#48
2-Hexanone
Concen: 6.655 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015273.D
Acq: 30 Mar 2020 15:40

Tgt Ion: 43 Resp: 34856
Ion Ratio Lower Upper
43 100
58 35.8 47.0 70.6#
57 22.1 16.2 24.2
100 0.2 11.0 16.6#

