

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015291.D
 Acq On : 30 Mar 2020 22:56
 Operator : SY/MD
 Sample : L1976-23DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 02:22:47 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	653088	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	630235	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	277280	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	213161	44.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.52%
7) Chloroethane-d5	1.58	69	206178	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.06%
11) 1,1-Dichloroethene-d2	2.12	63	339596	33.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.14%
21) 2-Butanone-d5	3.93	46	309093	99.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.26%
24) Chloroform-d	4.38	84	399151	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	5.06	65	275073	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
32) Benzene-d6	5.07	84	803463	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
36) 1,2-Dichloropropane-d6	6.09	67	255001	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.12%
41) Toluene-d8	7.34	98	754696	47.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.84%
43) trans-1,3-Dichloropropene-	7.64	79	130078	46.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.86%
47) 2-Hexanone-d5	8.12	63	257225	106.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.57%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	356859	47.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	259675	47.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.10%

Target Compounds

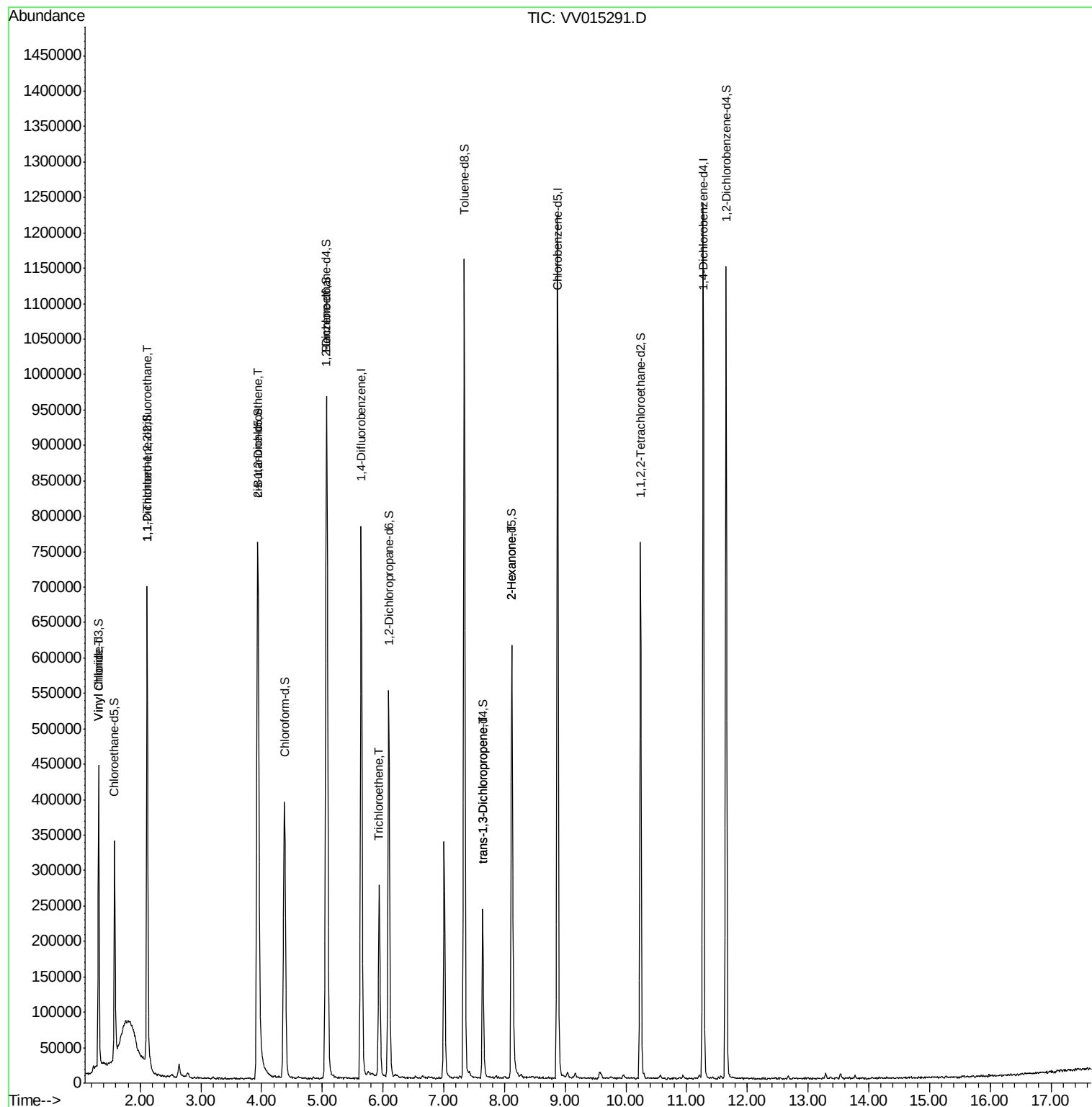
					Ovalue
5) Vinyl chloride	1.32	62	65370	11.875	ug/L 94
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3447	0.691	ug/L # 24
20) cis-1,2-Dichloroethene	3.94	96	350348	76.999	ug/L 98
34) Trichloroethene	5.94	95	91718	20.492	ug/L 93
44) trans-1,3-Dichloropropene	7.64	75	8433	1.197	ug/L 85
48) 2-Hexanone	8.12	43	31573	6.523	ug/L # 70

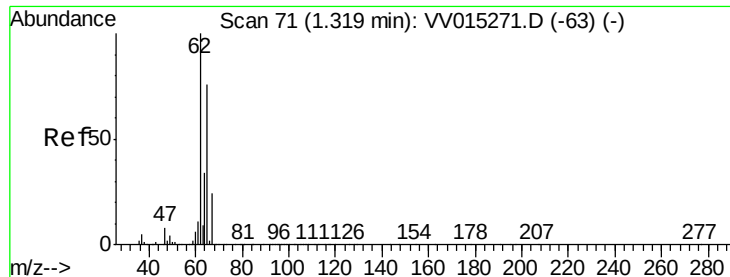
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV033020\
Data File : VV015291.D
Acq On : 30 Mar 2020 22:56
Operator : SY/MD
Sample : L1976-23DL 10X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 31 02:22:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 31 02:12:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.875 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015291.D

Acq: 30 Mar 2020 22:56

Instrument :

MSVOA_V

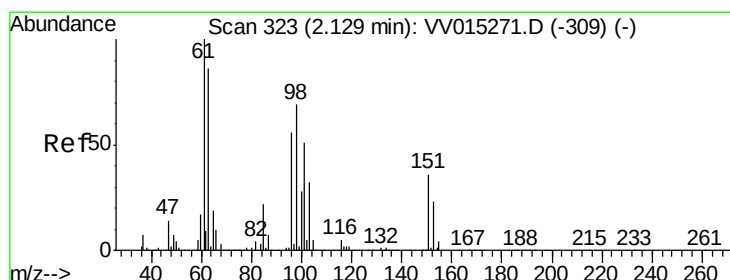
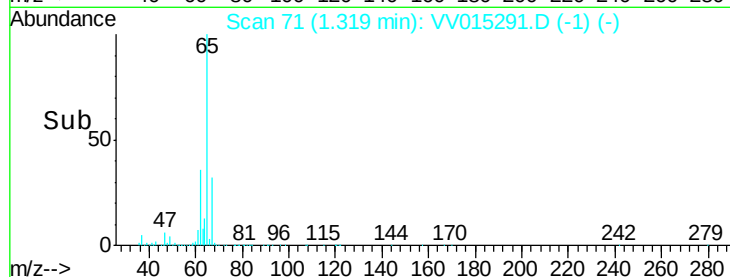
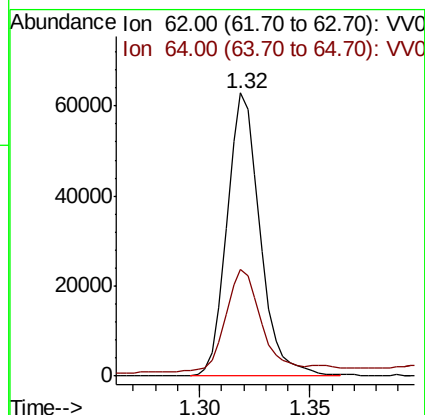
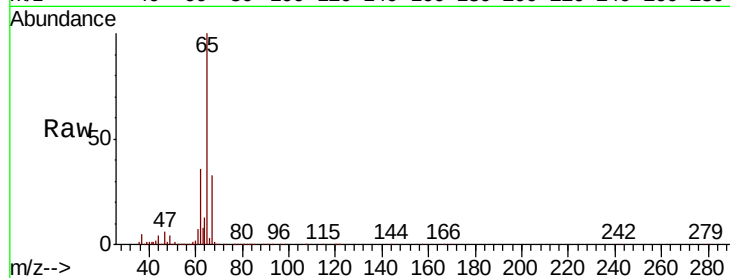
ClientSampleId :

Tot Ion: 62 Resp: 65370

Ion Ratio Lower Upper

62 100

64 37.5 23.9 44.3



#10

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

Concen: 0.691 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015291.D

Acq: 30 Mar 2020 22:56

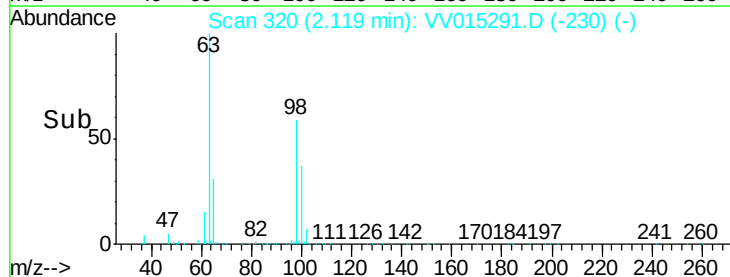
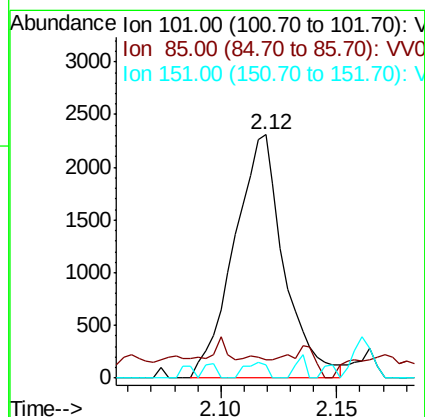
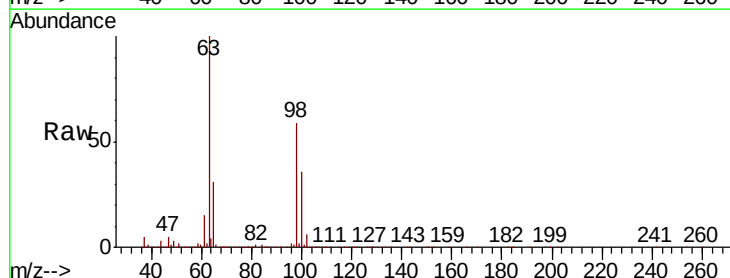
Tgt Ion: 101 Resp: 3447

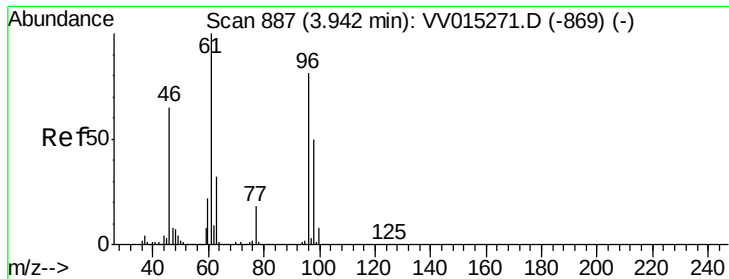
Ion Ratio Lower Upper

101 100

85 2.8 35.0 52.6#

151 2.8 58.2 87.4#

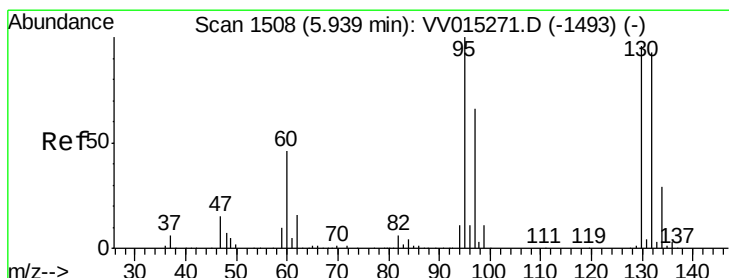
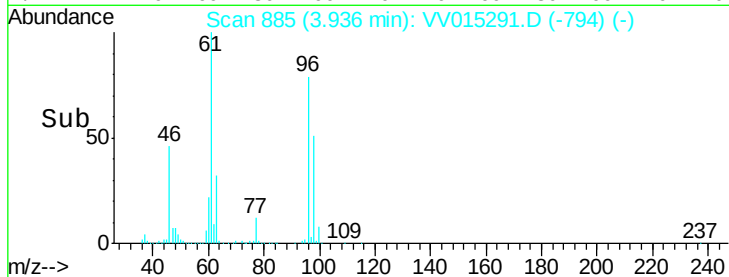
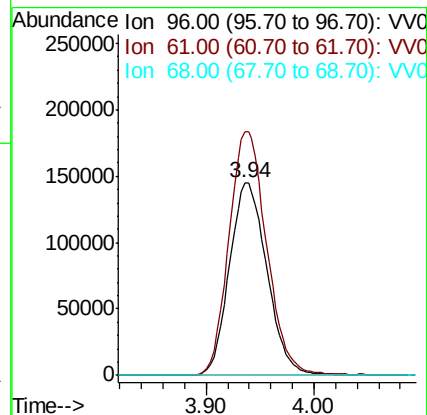
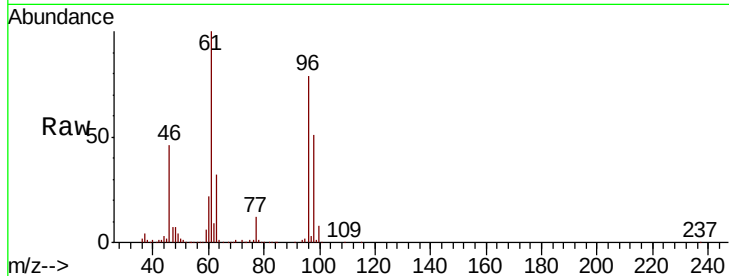




#20
 cis-1,2-Dichloroethene
 Concen: 76.999 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: VV015291.D
 Acq: 30 Mar 2020 22:56

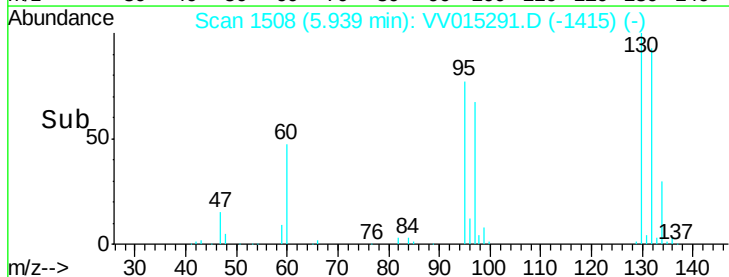
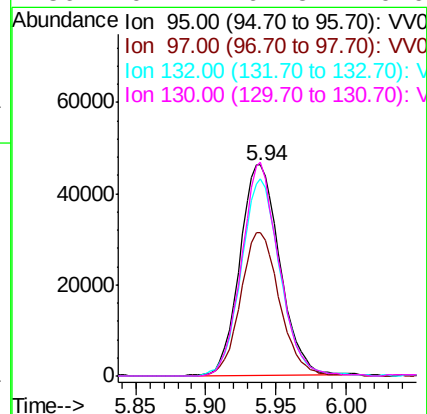
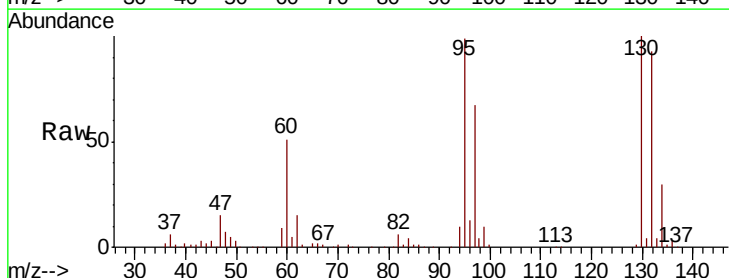
Instrument :
 MSVOA_V
 ClientSampleId :

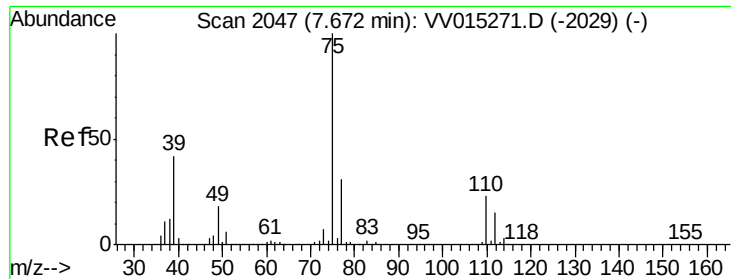
Tot Ion: 96 Resp: 350348
 Ion Ratio Lower Upper
 96 100
 61 126.2 90.2 167.6
 68 0.1 0.1 0.1



#34
 Trichloroethene
 Concen: 20.492 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015291.D
 Acq: 30 Mar 2020 22:56

Tgt Ion: 95 Resp: 91718
 Ion Ratio Lower Upper
 95 100
 97 67.7 44.0 81.6
 132 93.7 61.8 114.8
 130 101.2 64.5 119.9

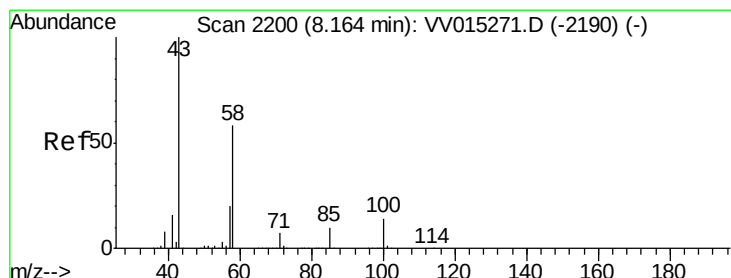
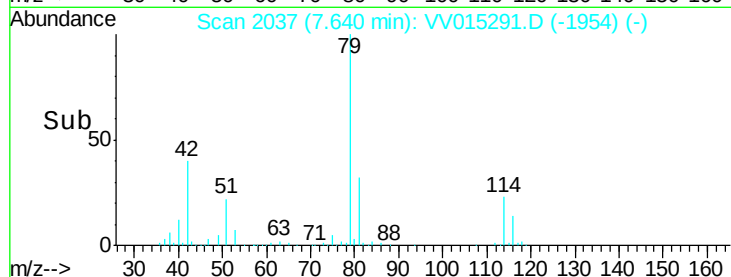
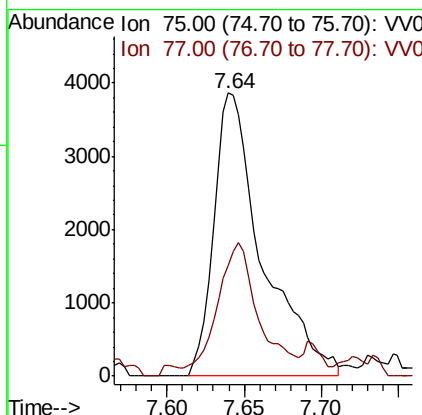
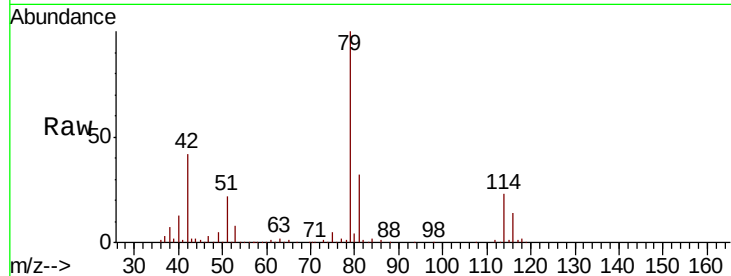




#44
trans-1,3-Dichloropropene
Concen: 1.197 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV015291.D
Acq: 30 Mar 2020 22:56

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 8433
Ion Ratio Lower Upper
75 100
77 39.2 21.8 40.4



#48
2-Hexanone
Concen: 6.523 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.04 min
Lab File: VV015291.D
Acq: 30 Mar 2020 22:56

Tgt Ion: 43 Resp: 31573
Ion Ratio Lower Upper
43 100
58 30.3 47.0 70.6#
57 18.9 16.2 24.2
100 0.6 11.0 16.6#

