

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015292.D
 Acq On : 30 Mar 2020 23:21
 Operator : SY/MD
 Sample : L1976-06DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 02:22:56 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	617116	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	596550	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	257039	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	223325	49.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.26%
7) Chloroethane-d5	1.58	69	208658	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.66%
11) 1,1-Dichloroethene-d2	2.12	63	348494	35.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.82%
21) 2-Butanone-d5	3.93	46	297204	101.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.00%
24) Chloroform-d	4.38	84	400887	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
26) 1,2-Dichloroethane-d4	5.06	65	275298	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.14%
32) Benzene-d6	5.07	84	812601	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.36%
36) 1,2-Dichloropropane-d6	6.09	67	260505	53.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.98%
41) Toluene-d8	7.34	98	766482	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%
43) trans-1,3-Dichloropropene-	7.64	79	128545	48.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.94%
47) 2-Hexanone-d5	8.12	63	254608	111.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	358973	49.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	265850	51.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.92%

Target Compounds

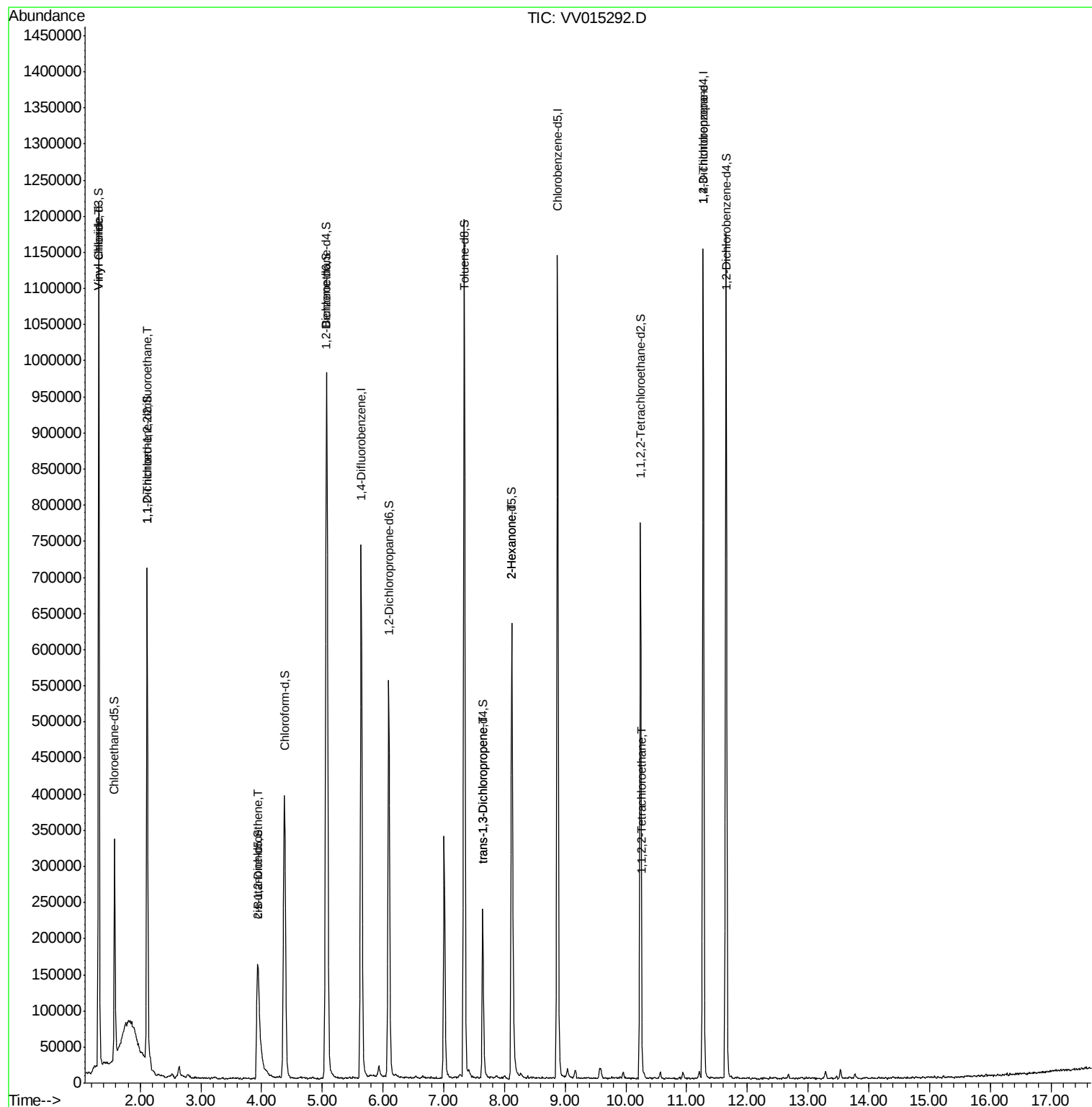
					Ovalue
5) Vinyl chloride	1.32	62	567153	109.038	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3543	0.751	ug/L # 26
20) cis-1,2-Dichloroethene	3.94	96	14537	3.381	ug/L # 96
44) trans-1,3-Dichloropropene	7.64	75	6794	1.019	ug/L # 75
48) 2-Hexanone	8.12	43	29877	6.521	ug/L # 73
58) 1,1,2,2-Tetrachloroethane	10.27	83	5091	0.758	ug/L # 91
59) 1,2,3-Trichloropropane	11.27	75	39463	7.101	ug/L 92

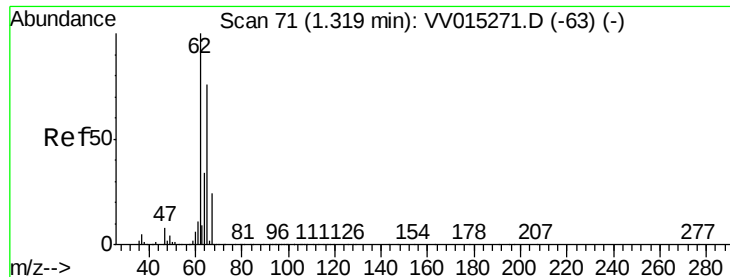
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : VOC Analysis
QLast Update : Tue Mar 31 02:12:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 109.038 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015292.D

Acq: 30 Mar 2020 23:21

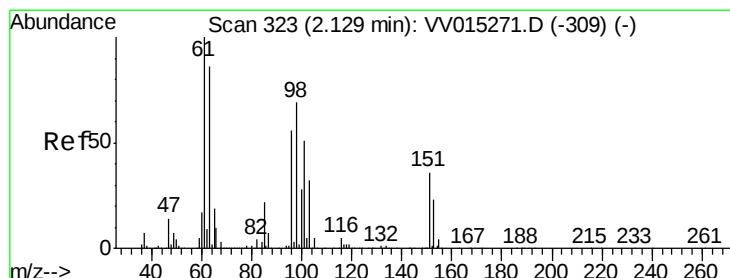
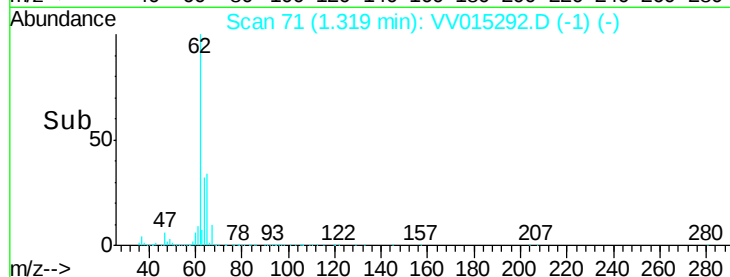
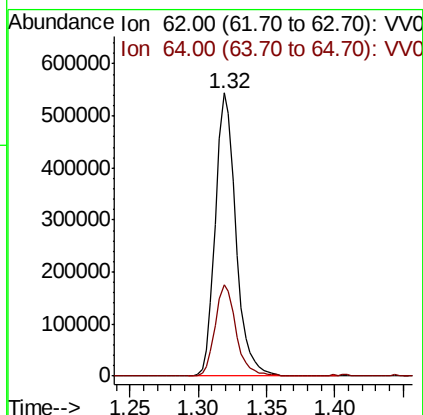
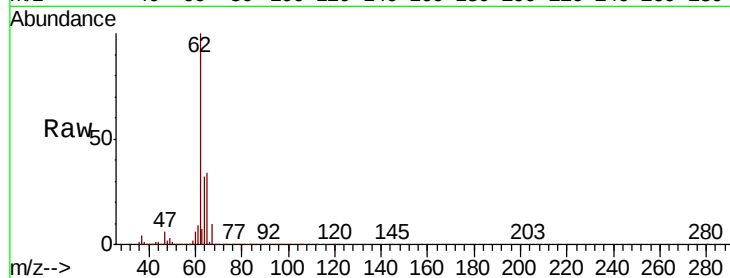
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 567153

Ion Ratio Lower Upper

62 100

64 32.2 23.9 44.3



#10

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

Concen: 0.751 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015292.D

Acq: 30 Mar 2020 23:21

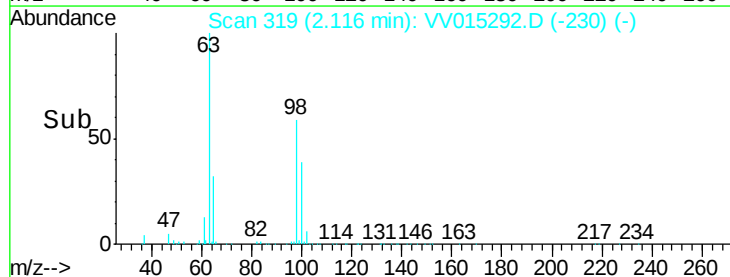
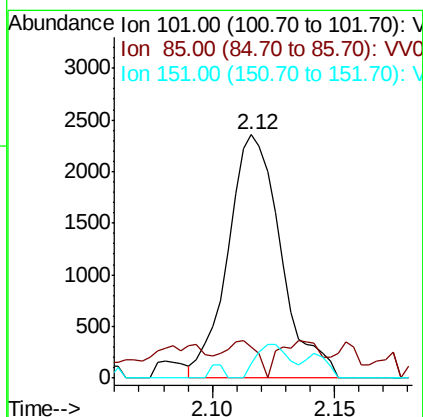
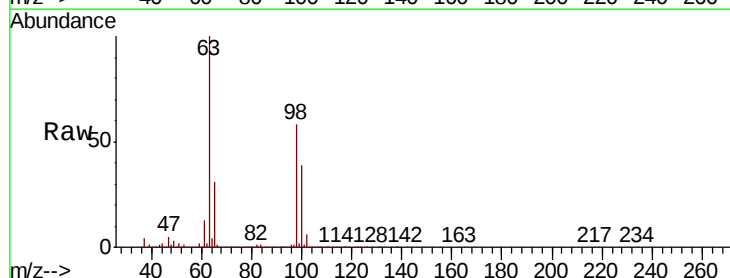
Tgt Ion: 101 Resp: 3543

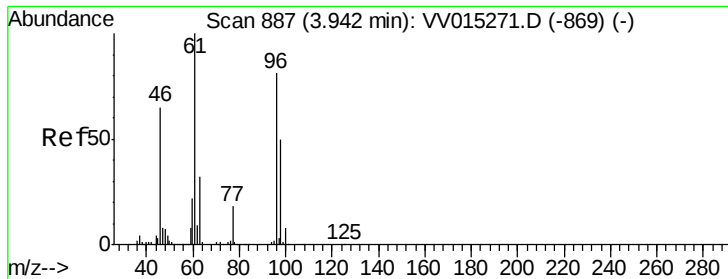
Ion Ratio Lower Upper

101 100

85 9.6 35.0 52.6#

151 0.0 58.2 87.4#

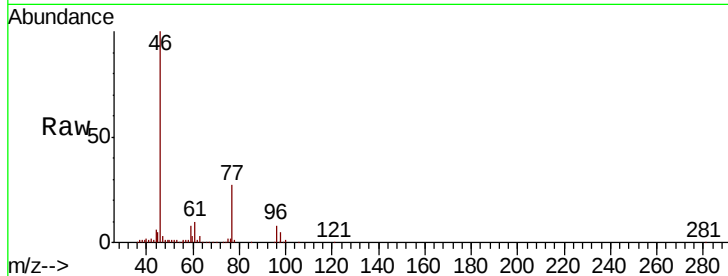




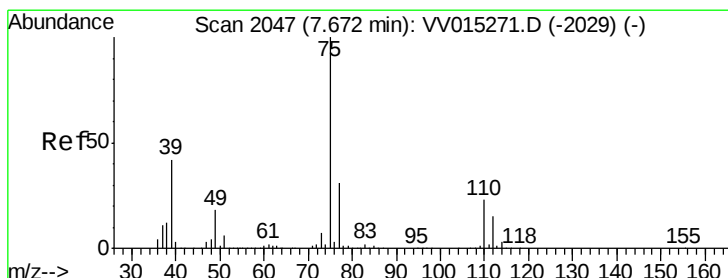
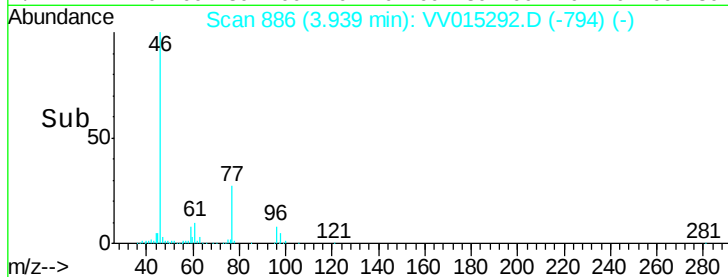
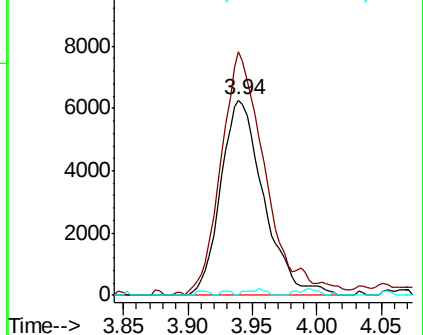
#20
 cis-1,2-Dichloroethene
 Concen: 3.381 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: VV015292.D
 Acq: 30 Mar 2020 23:21

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 14537
 Ion Ratio Lower Upper
 96 100
 61 124.5 90.2 167.6
 68 1.9 0.1 0.1#

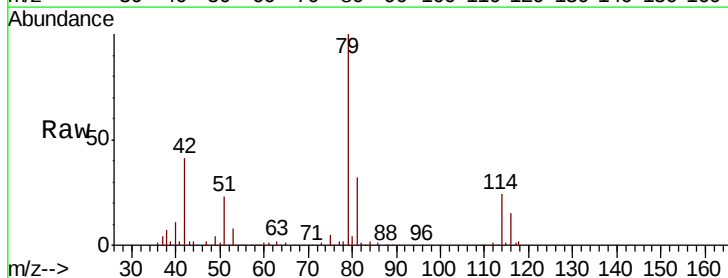


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

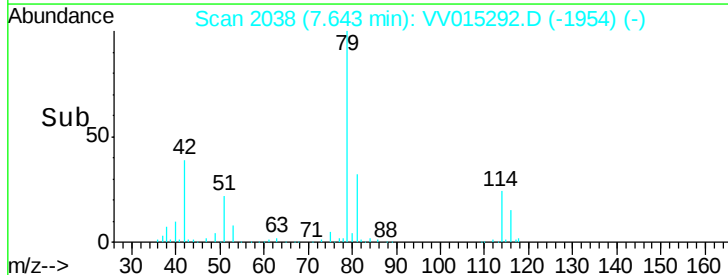
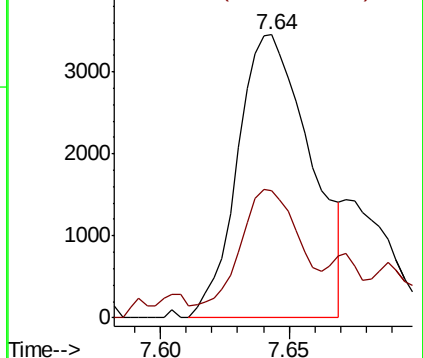


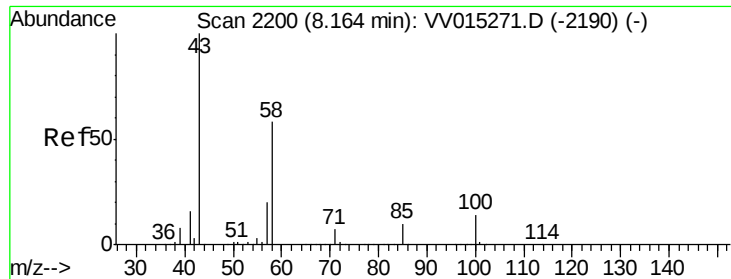
#44
 trans-1,3-Dichloropropene
 Concen: 1.019 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015292.D
 Acq: 30 Mar 2020 23:21

Tgt Ion: 75 Resp: 6794
 Ion Ratio Lower Upper
 75 100
 77 44.7 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0

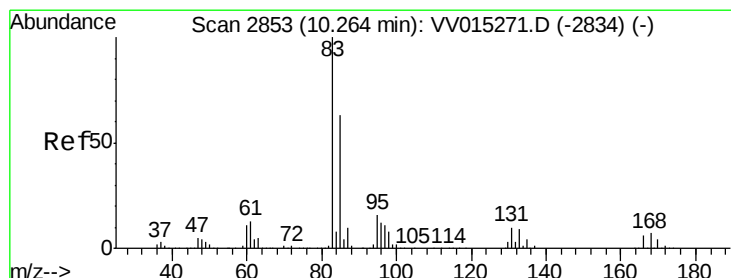
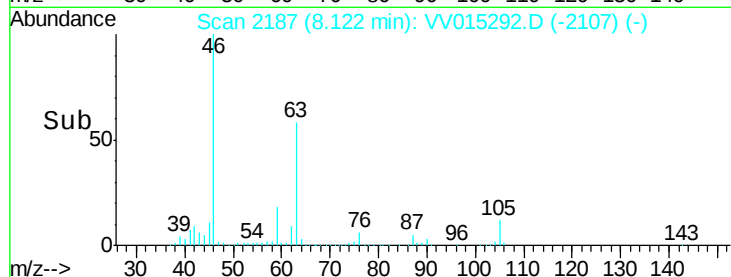
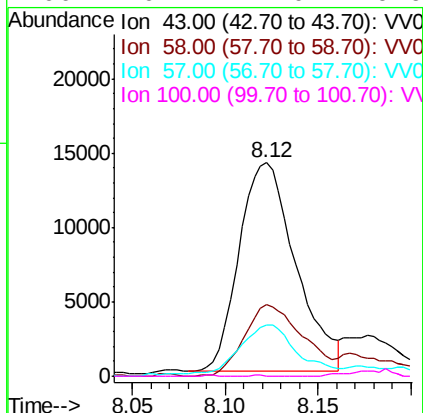
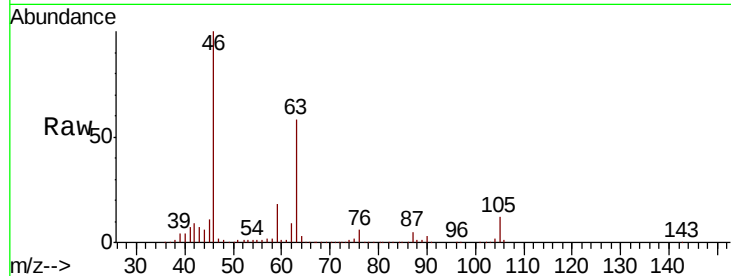




#48
 2-Hexanone
 Concen: 6.521 ug/L
 RT: 8.12 min Scan# 2187
 Delta R.T. -0.04 min
 Lab File: VV015292.D
 Acq: 30 Mar 2020 23:21

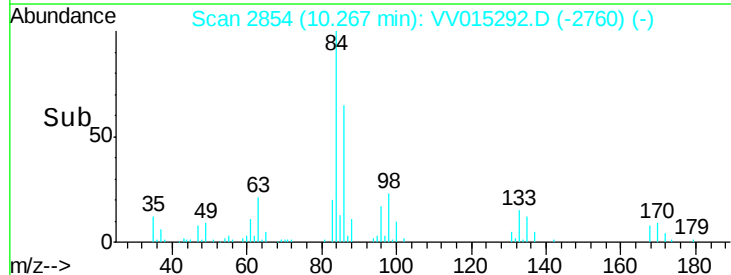
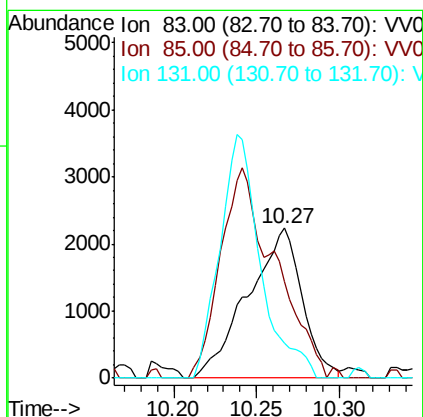
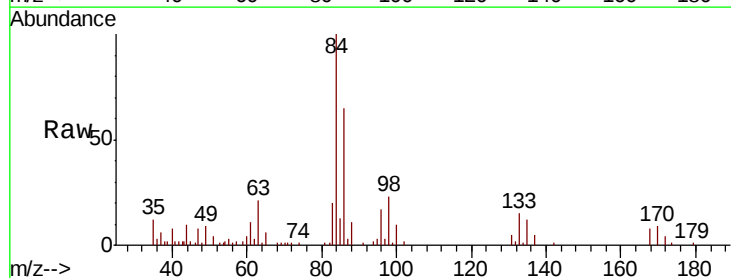
Instrument :
 MSVOA_V
 ClientSampleId :

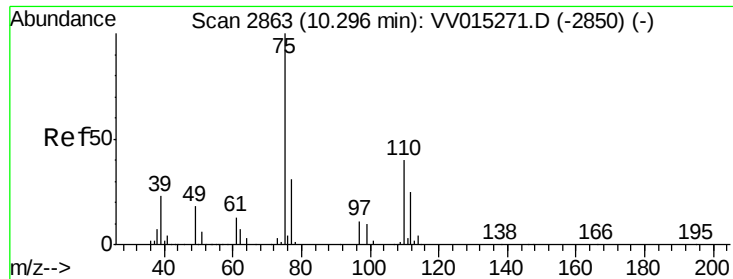
Tot Ion:	43	Resp:	29877
Ion	Ratio	Lower	Upper
43	100		
58	33.8	47.0	70.6#
57	22.5	16.2	24.2
100	0.1	11.0	16.6#



#58
 1,1,2,2-Tetrachloroethane
 Concen: 0.758 ug/L
 RT: 10.27 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: VV015292.D
 Acq: 30 Mar 2020 23:21

Tgt Ion:	83	Resp:	5091
Ion	Ratio	Lower	Upper
83	100		
85	64.7	46.3	85.9
131	30.7	7.6	11.4#





#59

1,2,3-Trichloropropane

Concen: 7.101 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV015292.D

Acq: 30 Mar 2020 23:21

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 39463

Ion Ratio Lower Upper

75 100

77 35.4 24.7 37.1

