

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015195.D
 Acq On : 27 Mar 2020 05:22
 Operator : SY/MD
 Sample : L1976-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 07:04:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 06:56:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	235870	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	179186	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59176	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65550	51.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.60%
7) Chloroethane-d5	1.58	69	90710	71.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	142.20%#
11) 1,1-Dichloroethene-d2	2.12	63	70012	24.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.52%#
21) 2-Butanone-d5	3.94	46	261162	207.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	207.27%#
24) Chloroform-d	4.38	84	203346	73.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	146.64%#
26) 1,2-Dichloroethane-d4	5.06	65	174300	95.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	190.40%#
32) Benzene-d6	5.08	84	296209	80.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	160.74%#
36) 1,2-Dichloropropane-d6	6.10	67	136143	102.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	204.80%#
41) Toluene-d8	7.34	98	171154	51.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.48%
43) trans-1,3-Dichloropropene-	7.65	79	49548	68.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	136.86%#
47) 2-Hexanone-d5	8.12	63	189292	243.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	243.49%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	246742	109.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	218.56%#
64) 1,2-Dichlorobenzene-d4	11.65	152	68266	61.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.58%#

Target Compounds

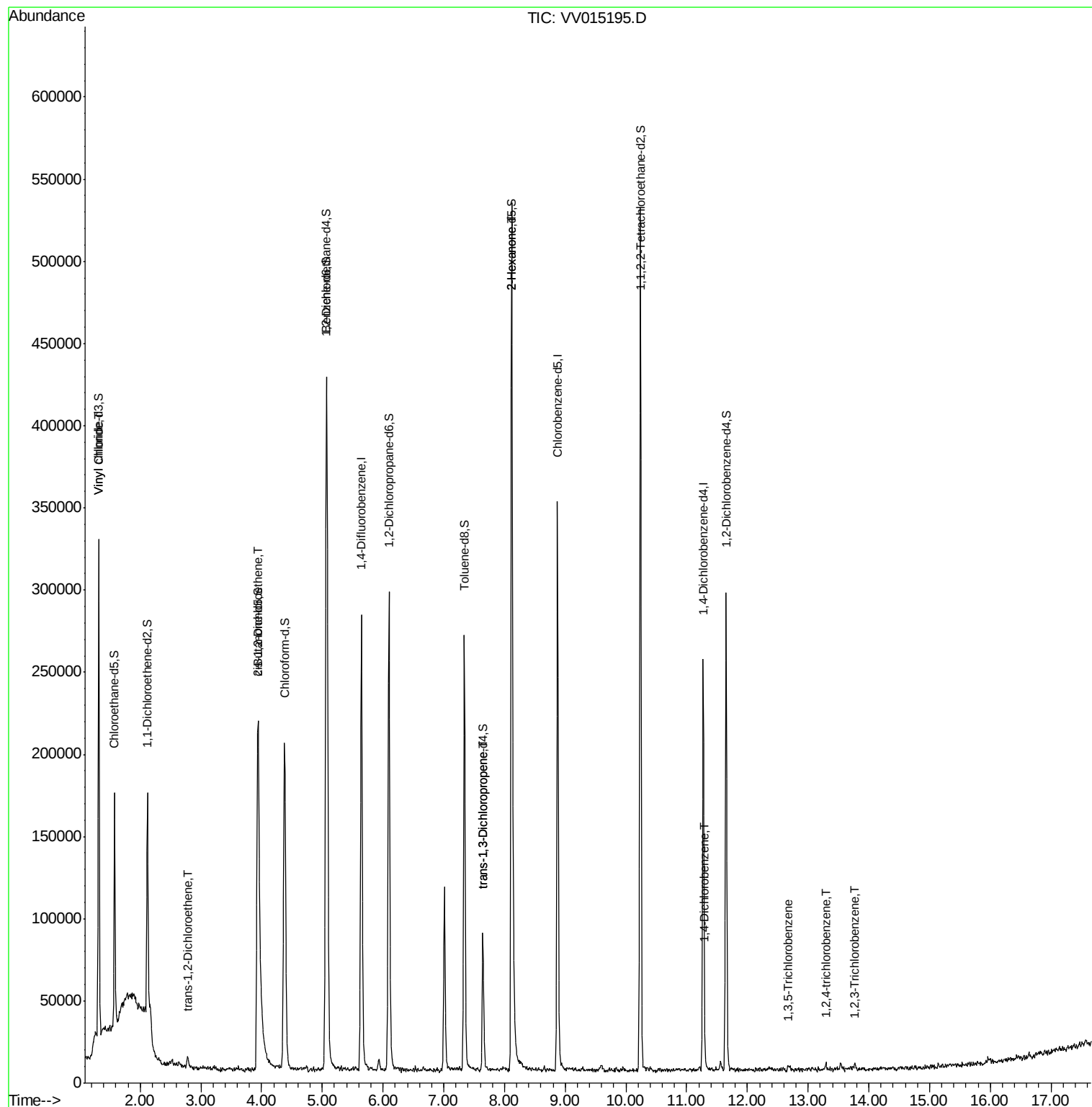
					Ovalue
5) Vinyl chloride	1.32	62	127044	54.874	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	2893	1.750	ug/L 84
20) cis-1,2-Dichloroethene	3.94	96	60219	32.699	ug/L # 94
44) trans-1,3-Dichloropropene	7.64	75	2620	1.177	ug/L 99
48) 2-Hexanone	8.12	43	23256	14.318	ug/L # 79
63) 1,4-Dichlorobenzene	11.30	146	1938	0.967	ug/L # 81
67) 1,3,5-Trichlorobenzene	12.68	180	718	0.566	ug/L # 70
68) 1,2,4-trichlorobenzene	13.29	180	1026	0.847	ug/L # 75
70) 1,2,3-Trichlorobenzene	13.77	180	582	0.480	ug/L # 29

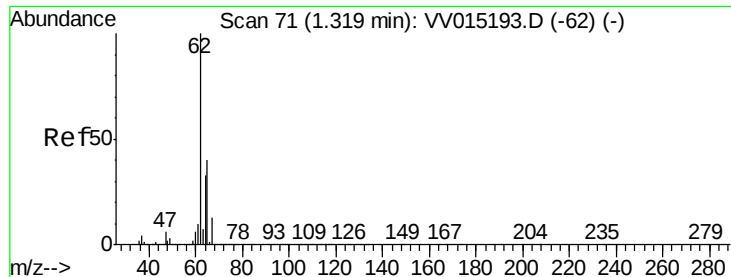
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 27 06:56:02 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 54.874 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV015195.D

Acq: 27 Mar 2020 05:22

Instrument :

MSVOA_V

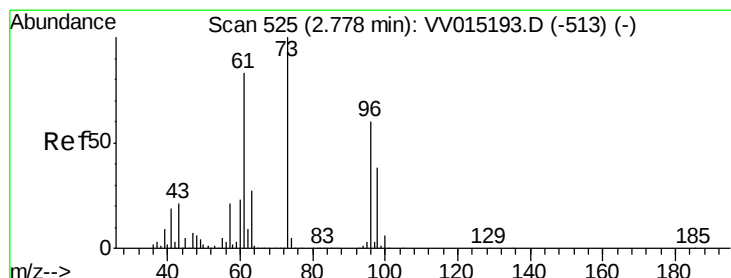
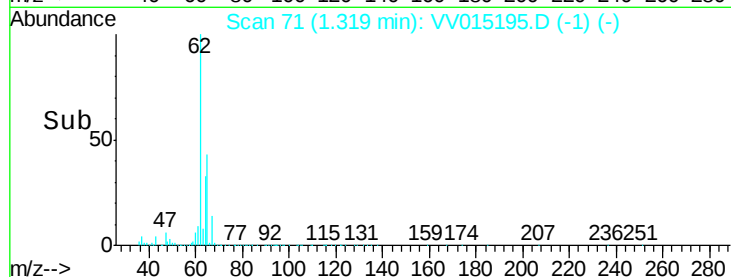
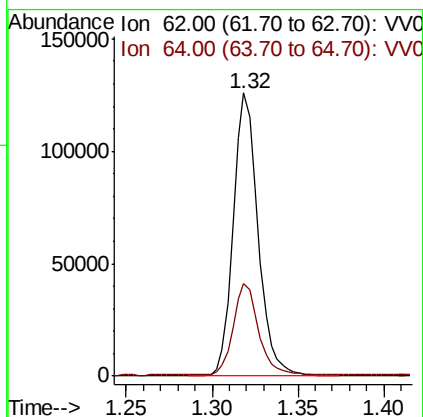
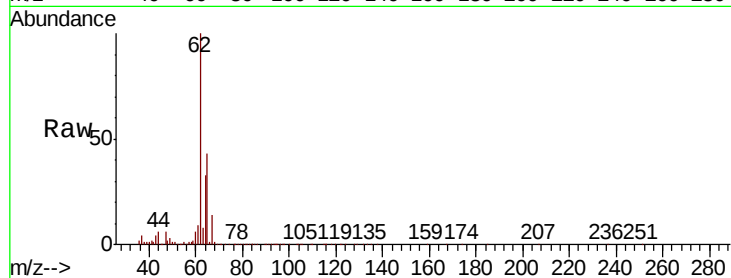
ClientSampled :

Tot Ion: 62 Resp: 127044

Ion Ratio Lower Upper

62 100

64 32.8 22.8 42.4



#17

trans-1,2-Dichloroethene

Concen: 1.750 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV015195.D

Acq: 27 Mar 2020 05:22

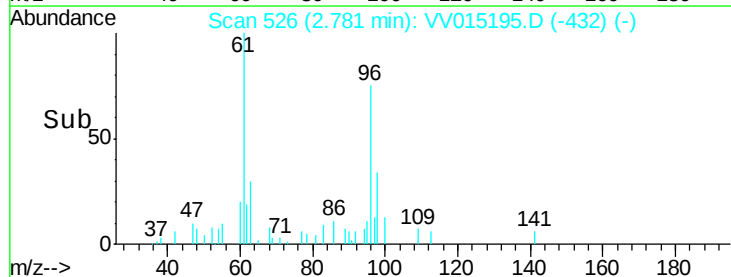
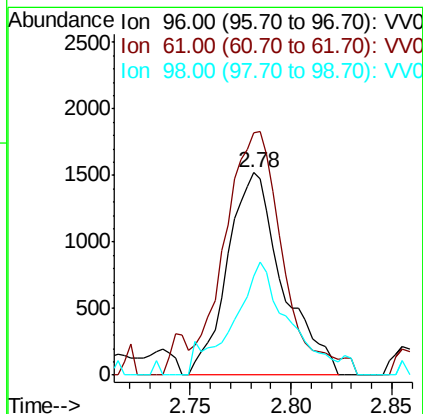
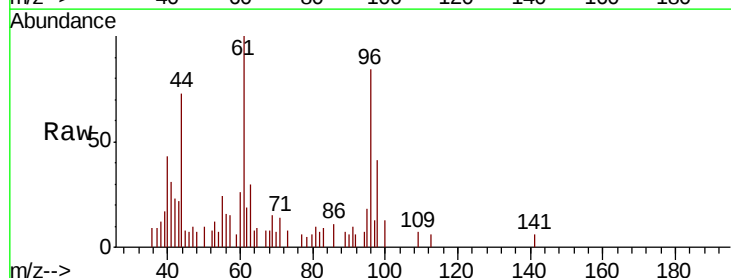
Tgt Ion: 96 Resp: 2893

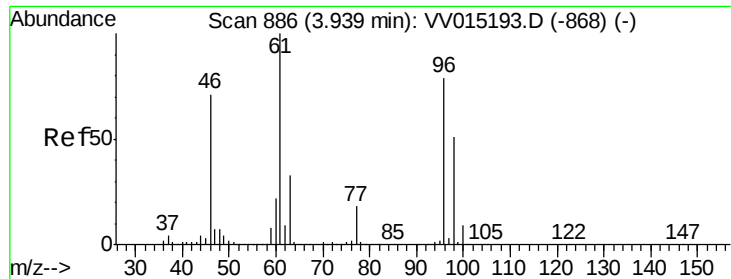
Ion Ratio Lower Upper

96 100

61 119.7 96.4 179.0

98 48.6 43.8 81.4

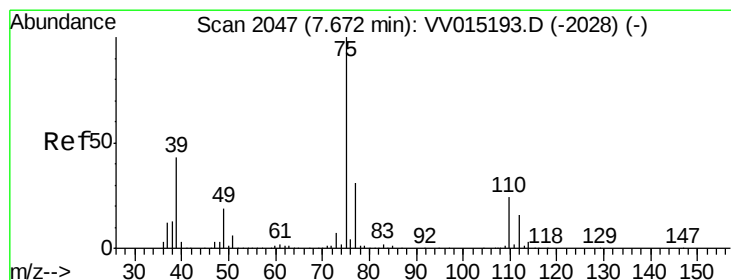
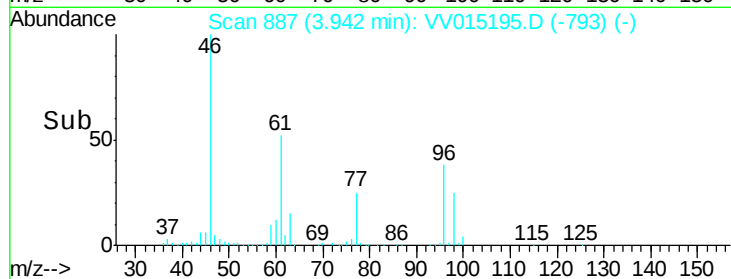
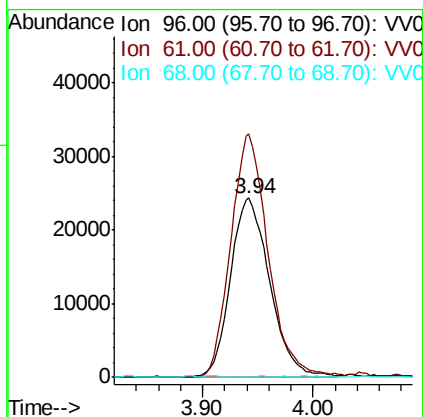
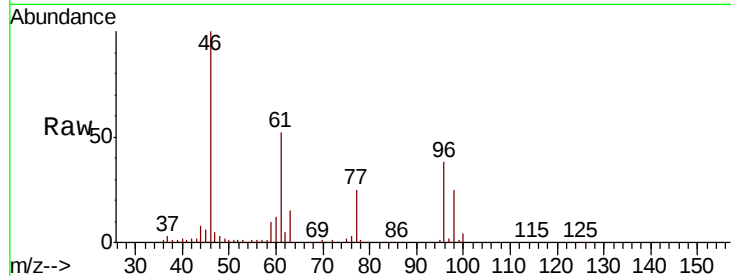




#20
 cis-1,2-Dichloroethene
 Concen: 32.699 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV015195.D
 Acq: 27 Mar 2020 05:22

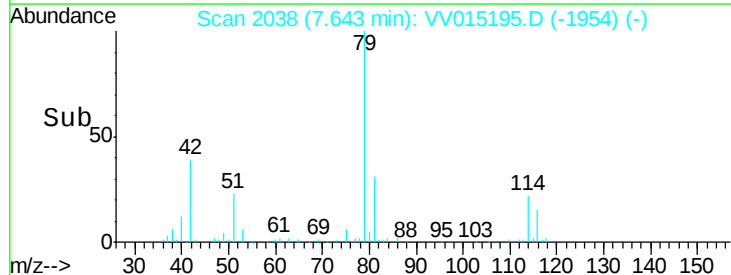
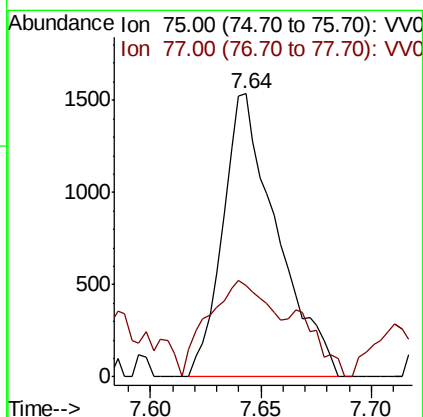
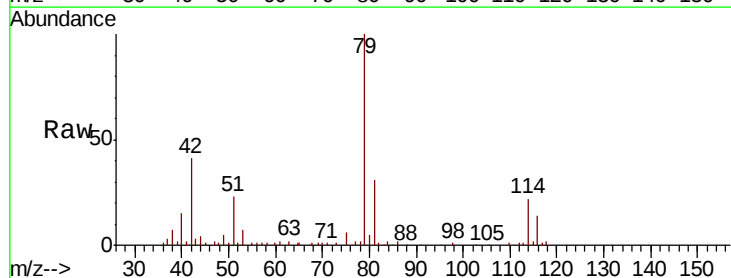
Instrument :
 MSVOA_V
 ClientSampleId :

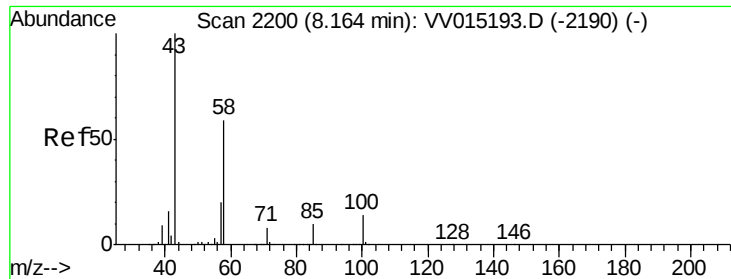
Tot Ion: 96 Resp: 60219
 Ion Ratio Lower Upper
 96 100
 61 135.7 90.2 167.4
 68 0.0 0.1 0.3#



#44
 trans-1,3-Dichloropropene
 Concen: 1.177 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015195.D
 Acq: 27 Mar 2020 05:22

Tgt Ion: 75 Resp: 2620
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.3 41.3

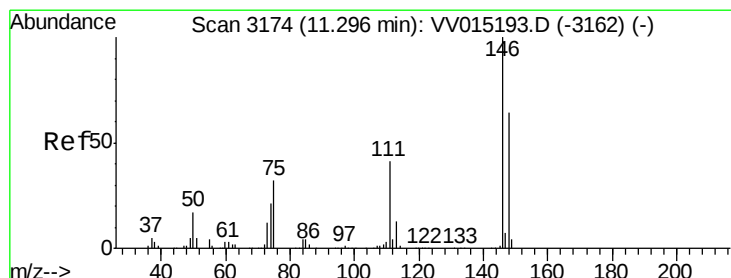
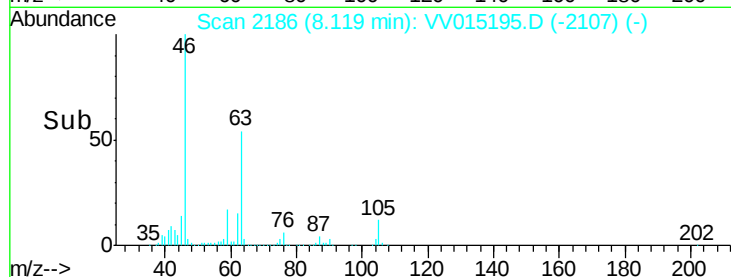
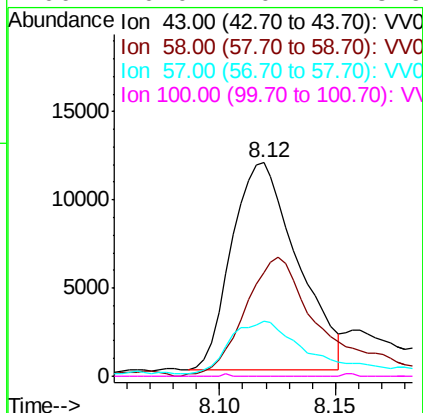
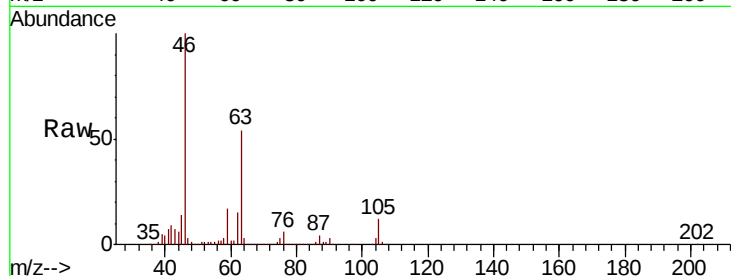




#48
2-Hexanone
Concen: 14.318 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV015195.D
Acq: 27 Mar 2020 05:22

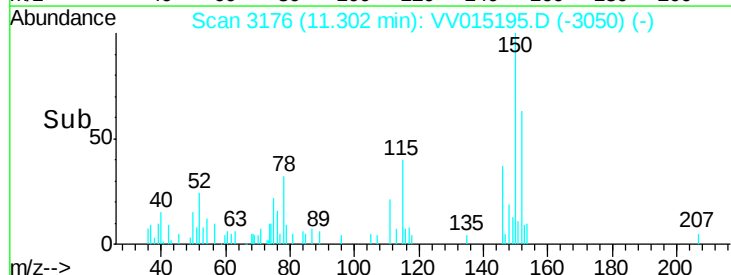
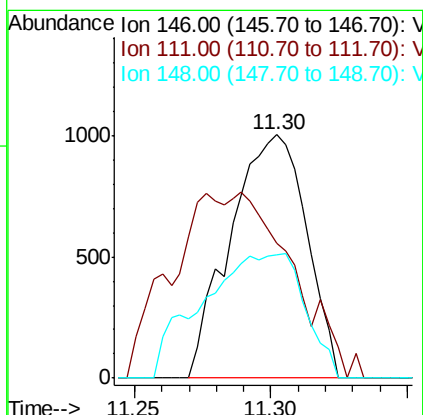
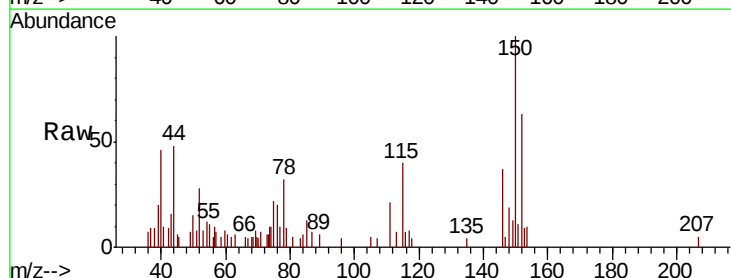
Instrument :
MSVOA_V
ClientSampleId :

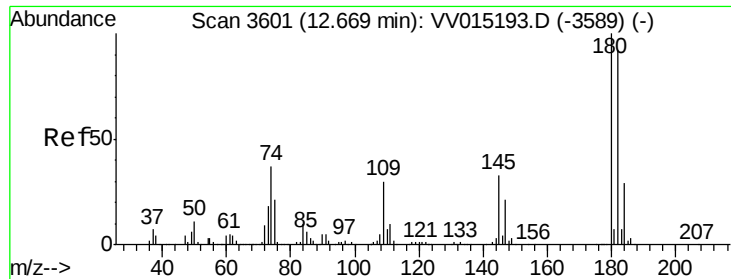
Tot Ion: 43 Resp: 23256
Ion Ratio Lower Upper
43 100
58 68.2 44.3 66.5#
57 29.9 15.4 23.0#
100 0.0 10.4 15.6#



#63
1,4-Dichlorobenzene
Concen: 0.967 ug/L
RT: 11.30 min Scan# 3176
Delta R.T. 0.01 min
Lab File: VV015195.D
Acq: 27 Mar 2020 05:22

Tgt Ion: 146 Resp: 1938
Ion Ratio Lower Upper
146 100
111 55.5 29.2 54.2#
148 50.9 44.8 83.2

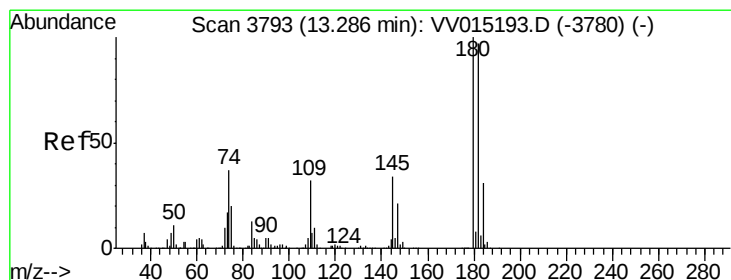
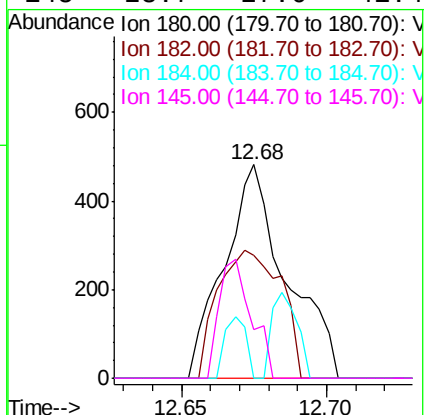
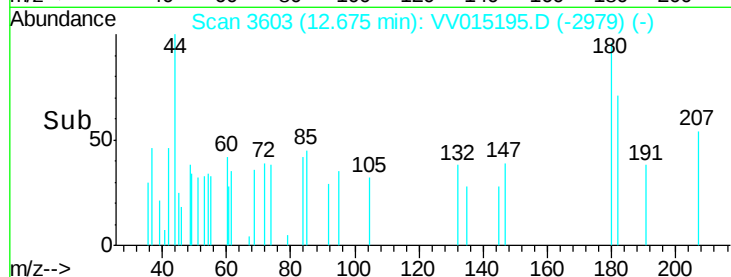
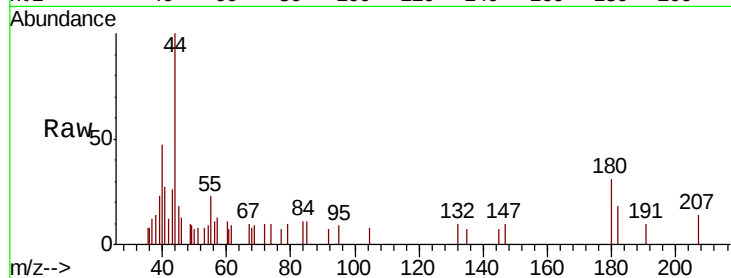




#67
 1,3,5-Trichlorobenzene
 Concen: 0.566 ug/L
 RT: 12.68 min Scan# 3603
 Delta R.T. 0.01 min
 Lab File: VV015195.D
 Acq: 27 Mar 2020 05:22

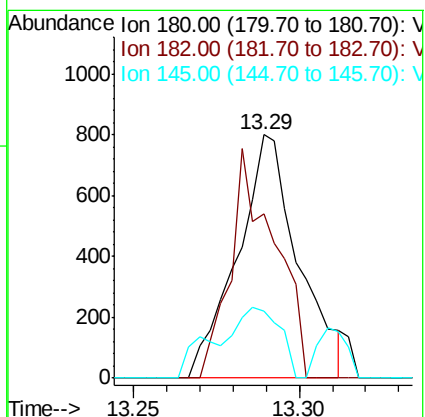
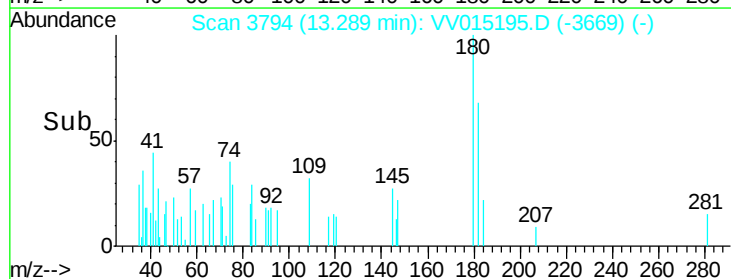
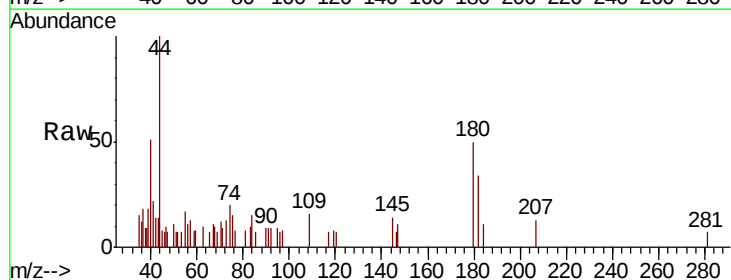
Instrument :
 MSVOA_V
 ClientSampleId :

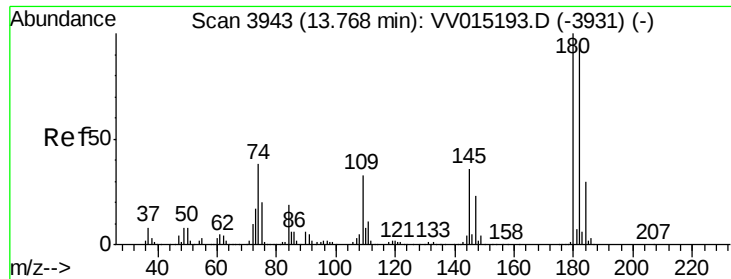
Tot Ion	Ratio	Lower	Upper
180	100		
182	61.1	76.6	114.8#
184	9.7	24.2	36.4#
145	28.7	27.6	41.4



#68
 1,2,4-trichlorobenzene
 Concen: 0.847 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV015195.D
 Acq: 27 Mar 2020 05:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	68.6	75.2	112.8#
145	21.3	27.5	41.3#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.480 ug/L
 RT: 13.77 min Scan# 3945
 Delta R.T. 0.01 min
 Lab File: VV015195.D
 Acq: 27 Mar 2020 05:22

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 582
 Ion Ratio Lower Upper
 180 100
 182 0.0 74.6 112.0#
 145 34.7 29.9 44.9

