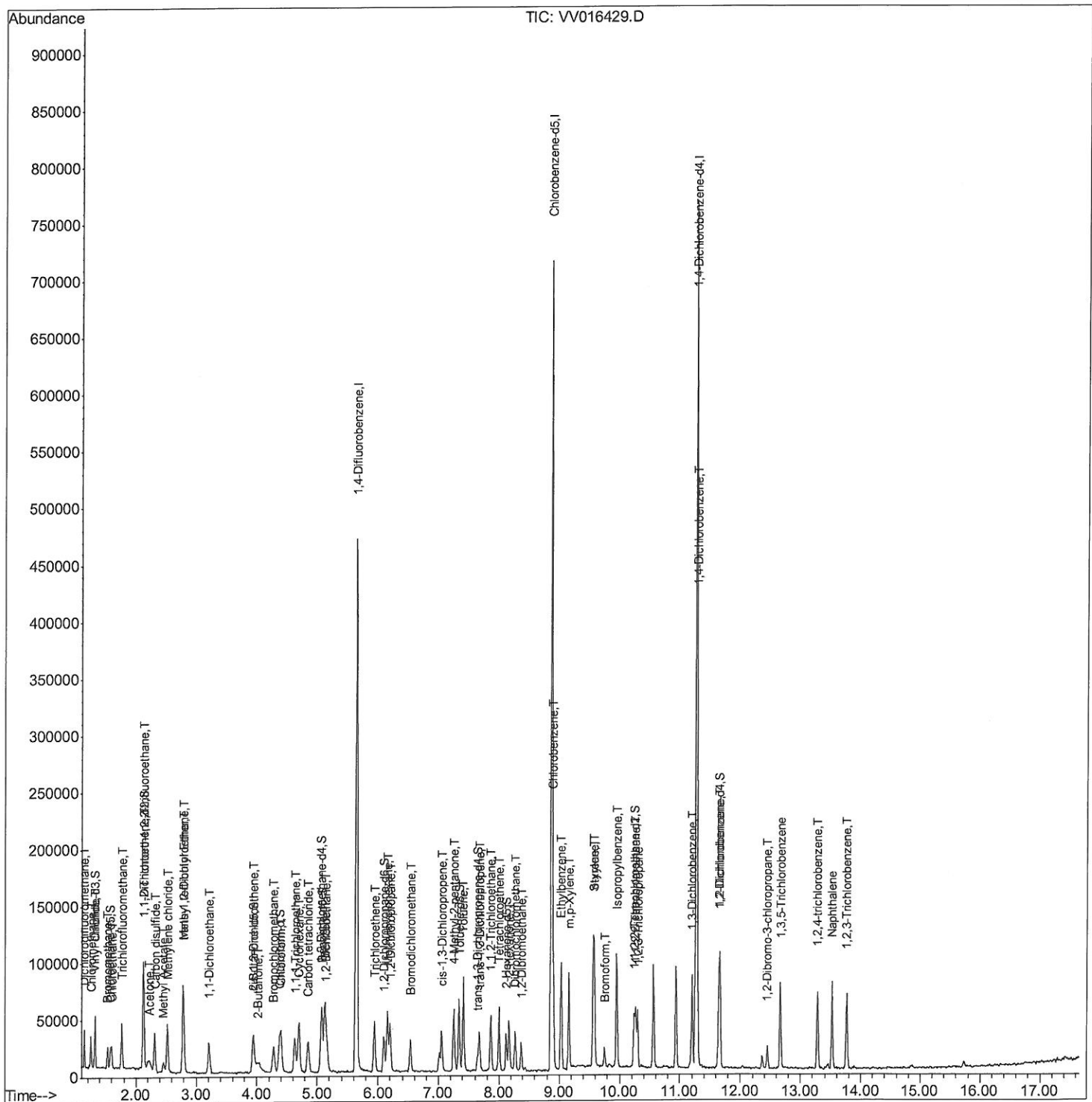


(QT Reviewed)

Instrument :
MSVOA_V
ClientSampleId :
VSTD00562

MMDadoda
6/4/2020 3:40:06 PM

Quant Time: Jun 03 00:26:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 03 00:15:35 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

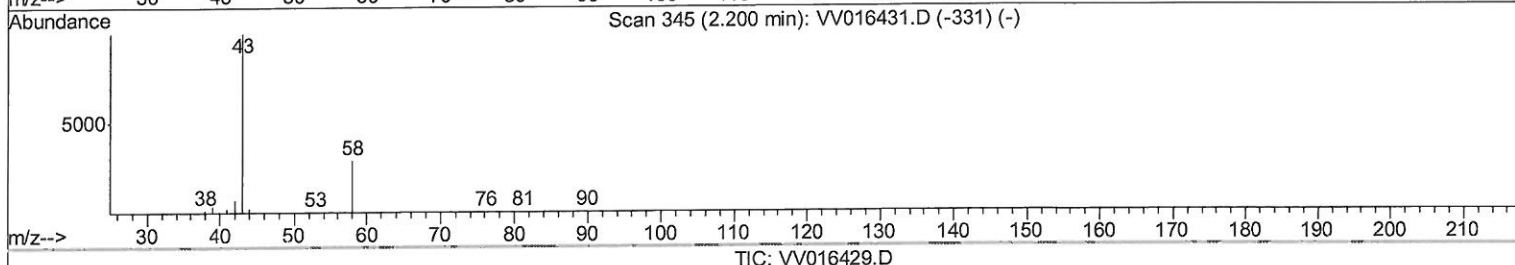
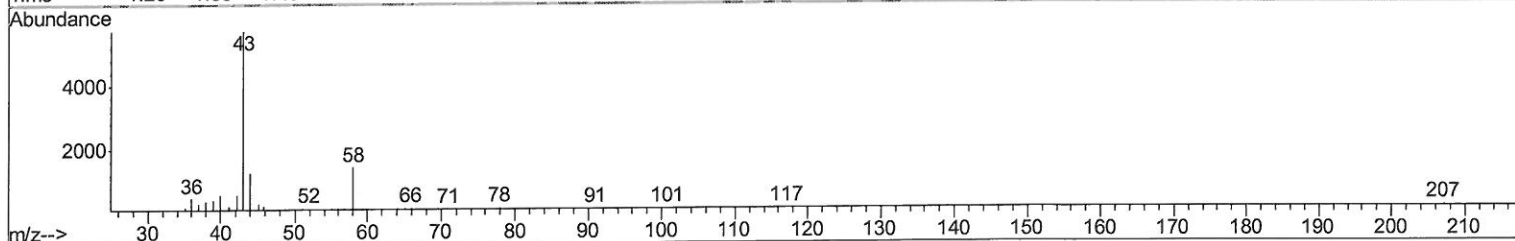
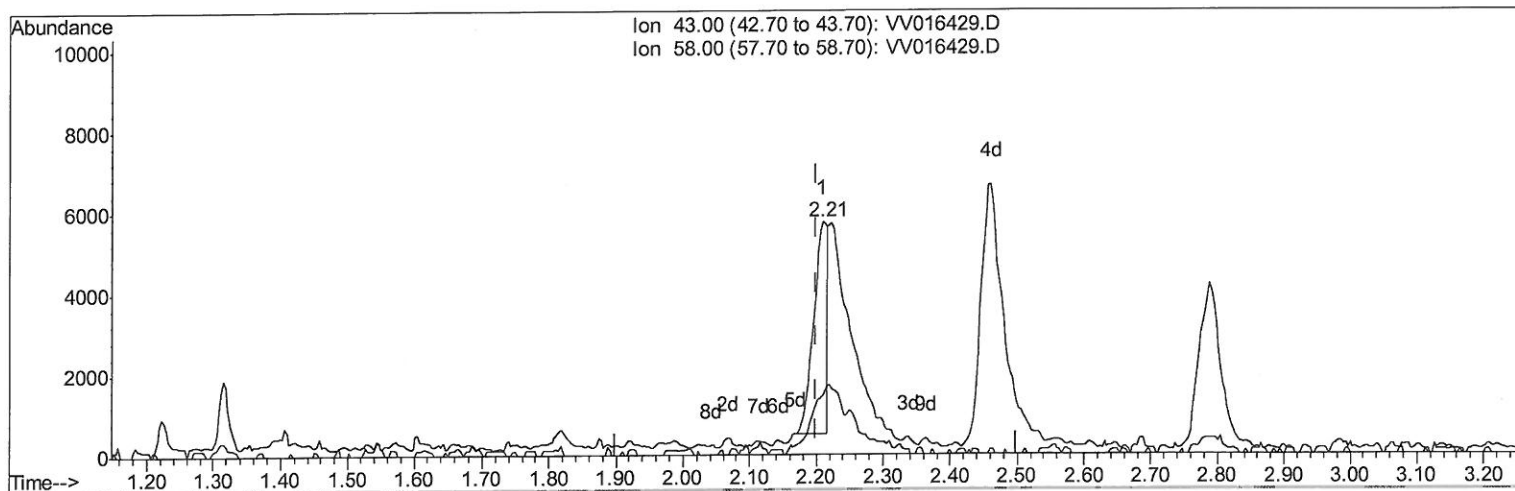
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
Data File : VV016429.D
Acq On : 02 Jun 2020 15:55
Operator : SY/MD
Sample : VSTD00562
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00562

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:40:06 PM

Quant Time: Jun 03 00:17:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 03 00:15:35 2020
Response via : Initial Calibration



TIC: VV016429.D

(13) Acetone (T)

2.209min (+0.010) 4.67ug/L

response 7463

Ion	Exp%	Act%
43.00	100	100
58.00	28.60	55.84
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

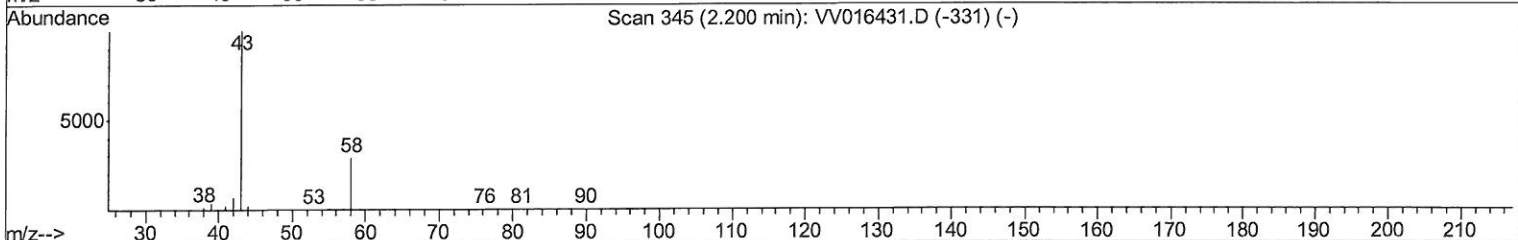
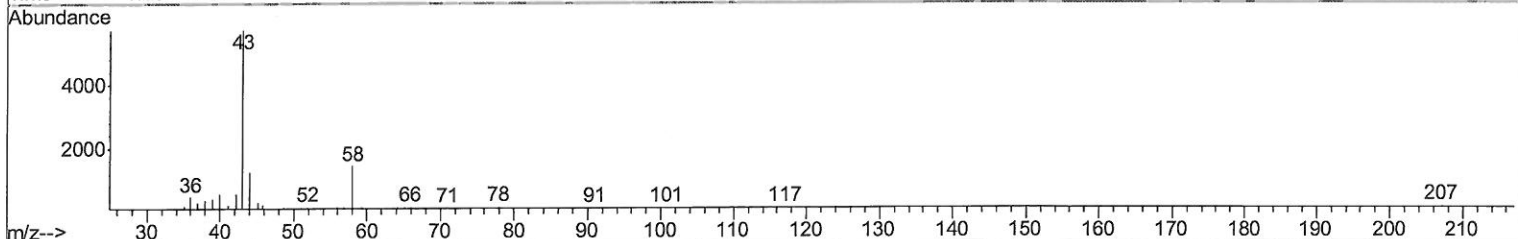
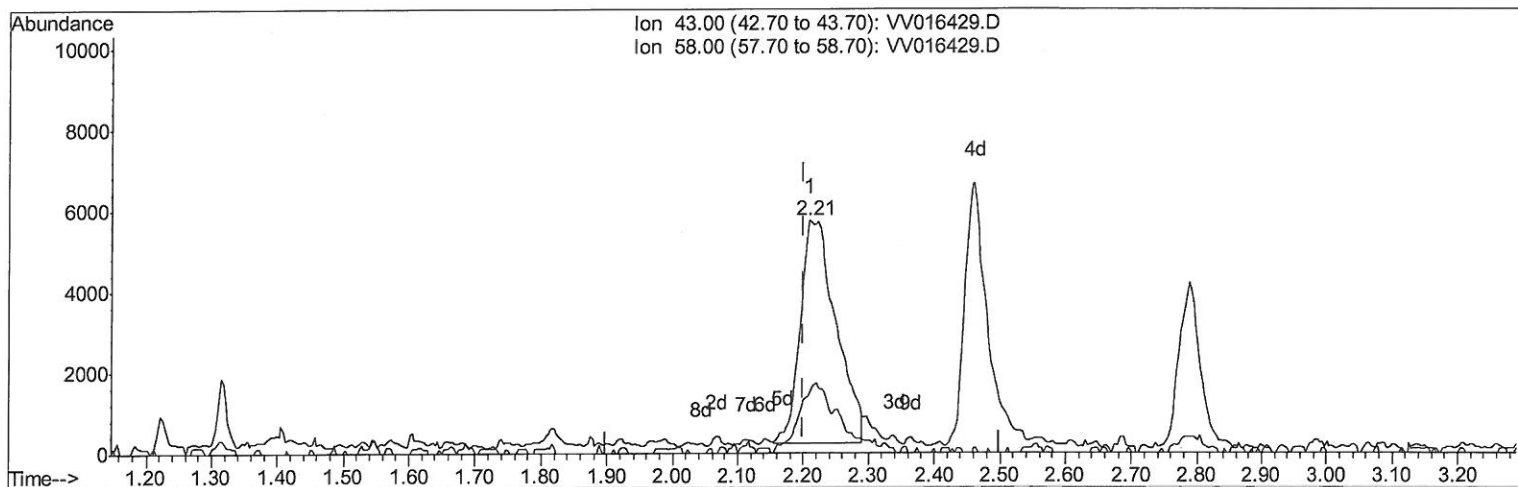
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016429.D
 Acq On : 02 Jun 2020 15:55
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampled :
 VSTD00562

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:40:06 PM

Quant Time: Jun 03 00:17:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 00:15:35 2020
 Response via : Initial Calibration



TIC: VV016429.D

(13) Acetone (T)

2.209min (+0.010) 13.07ug/L m

response 20908

Ion	Exp%	Act%
43.00	100	100
58.00	28.60	19.93
0.00	0.00	0.00
0.00	0.00	0.00

7 mg
 06/04/20

Quantitation Report (Qedit)

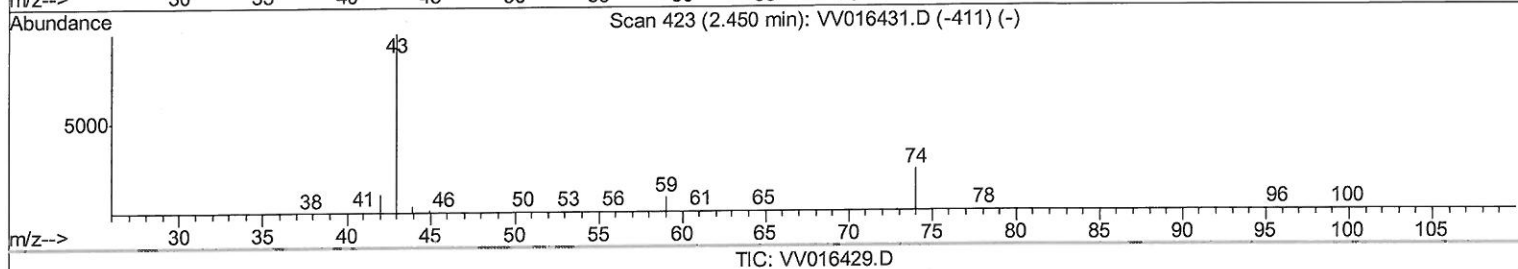
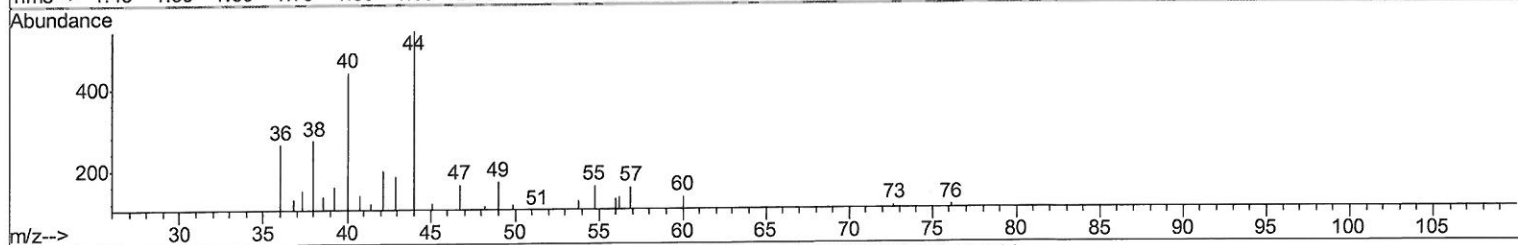
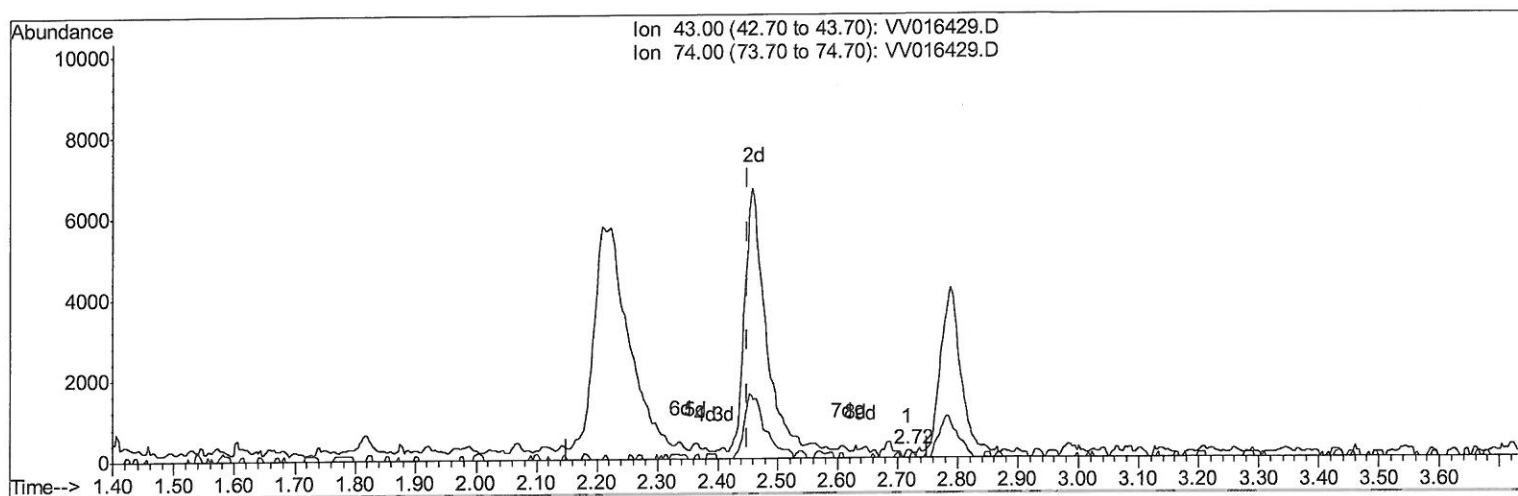
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
Data File : VV016429.D
Acq On : 02 Jun 2020 15:55
Operator : SY/MD
Sample : VSTD00562
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00562

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:40:06 PM

Quant Time: Jun 03 00:17:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 03 00:15:35 2020
Response via : Initial Calibration



(15) Methyl Acetate (T)

2.717min (+0.267) 0.06ug/L

response 176

Ion	Exp%	Act%
43.00	100	100
74.00	22.60	25.57
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

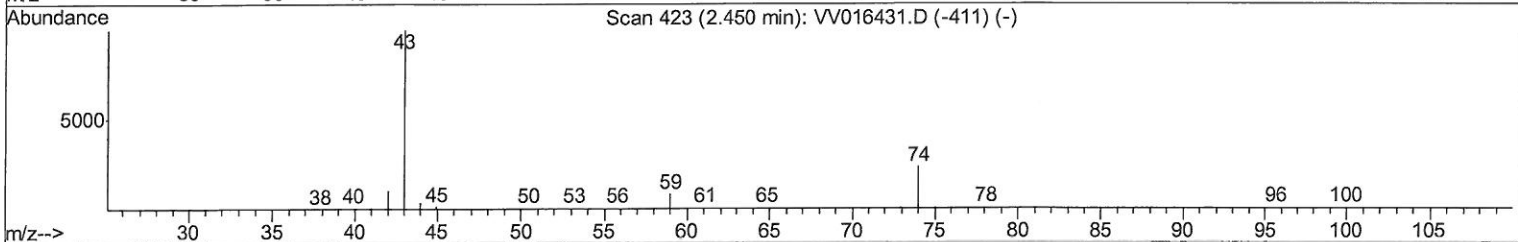
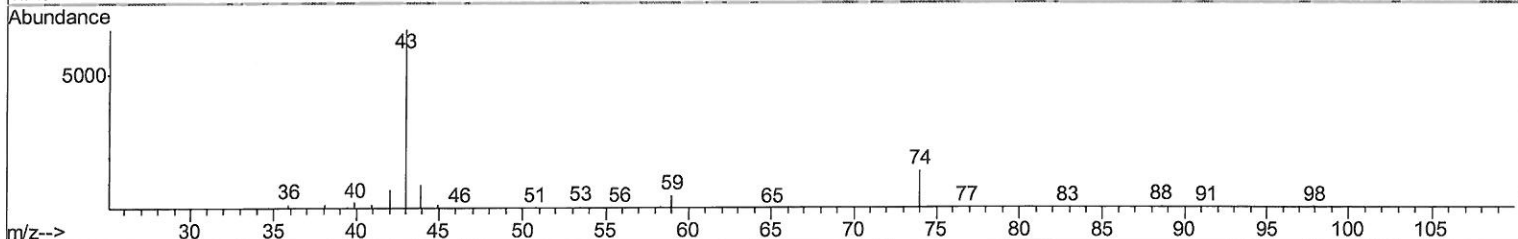
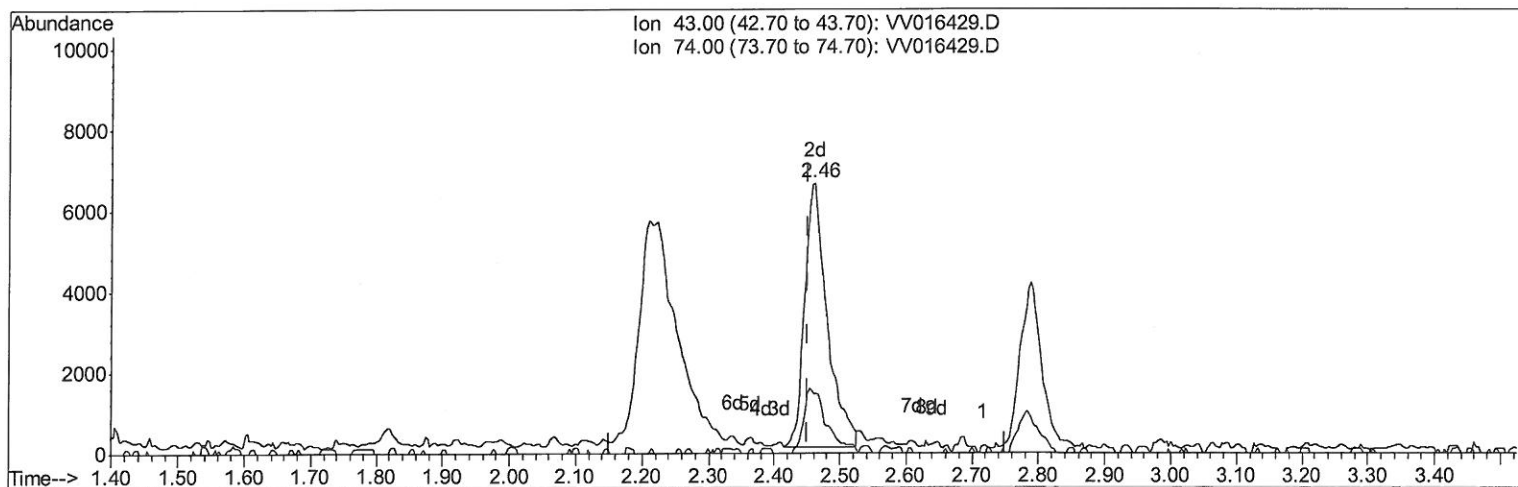
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016429.D
 Acq On : 02 Jun 2020 15:55
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:40:06 PM

Quant Time: Jun 03 00:17:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 00:15:35 2020
 Response via : Initial Calibration



TIC: VV016429.D

(15) Methyl Acetate (T)

2.460min (+0.010) 5.71ug/L m

response 15503

Ion	Exp%	Act%
43.00	100	100
74.00	22.60	0.29#
0.00	0.00	0.00
0.00	0.00	0.00

7 MB
 06/04/20

Quantitation Report (Qedit)

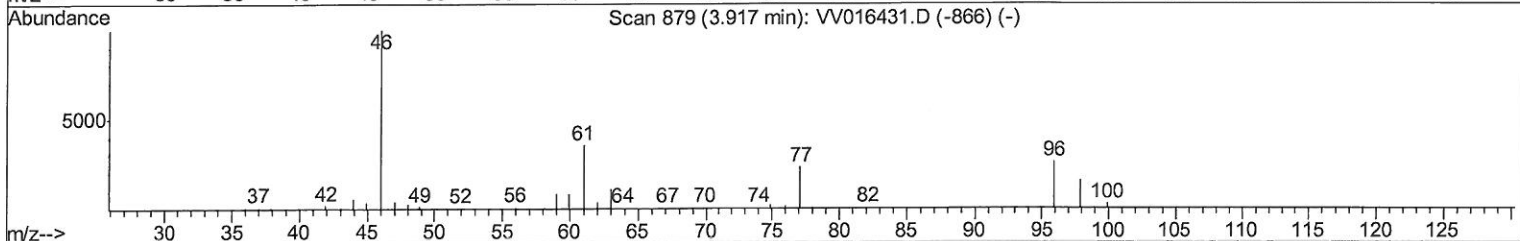
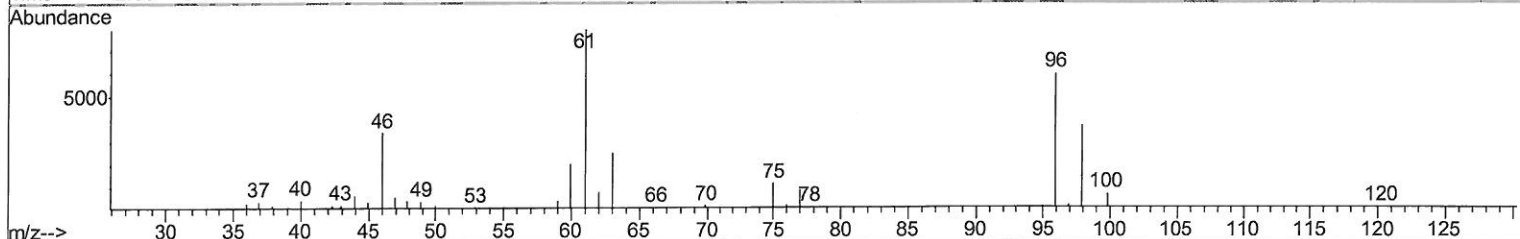
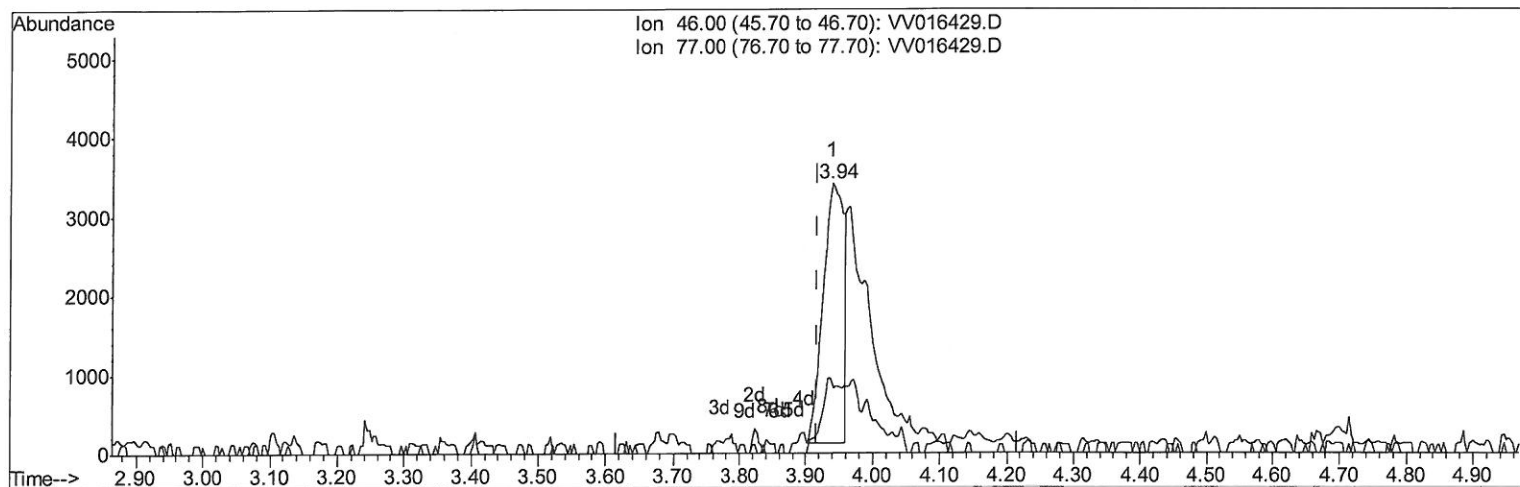
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016429.D
 Acq On : 02 Jun 2020 15:55
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:40:06 PM

Quant Time: Jun 03 00:17:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 00:15:35 2020
 Response via : Initial Calibration



TIC: VV016429.D

(21) 2-Butanone-d5 (S)
 3.939min (+0.023) 4.34ug/L
 response 7166

Ion	Exp%	Act%
46.00	100	100
77.00	23.50	18.02
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

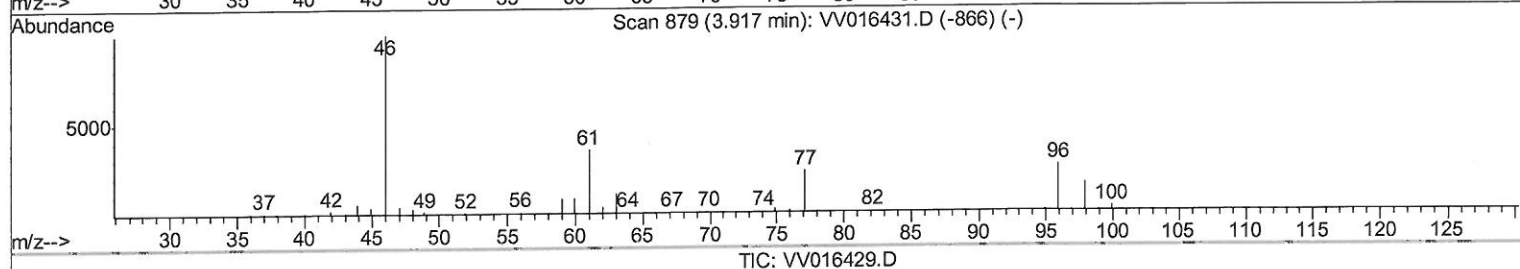
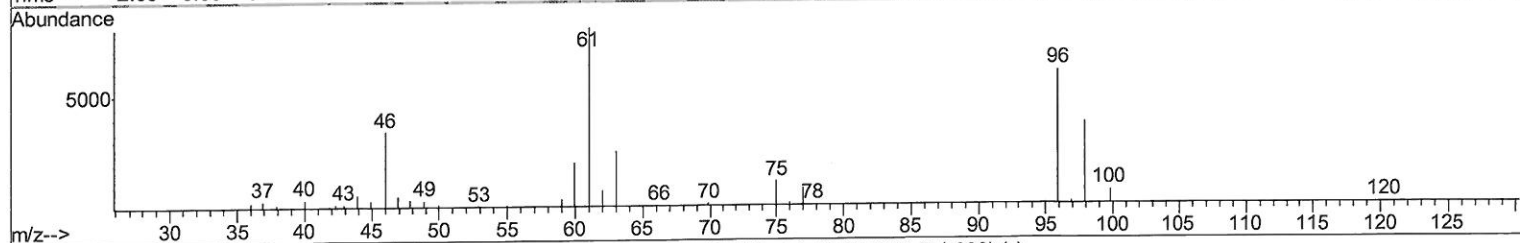
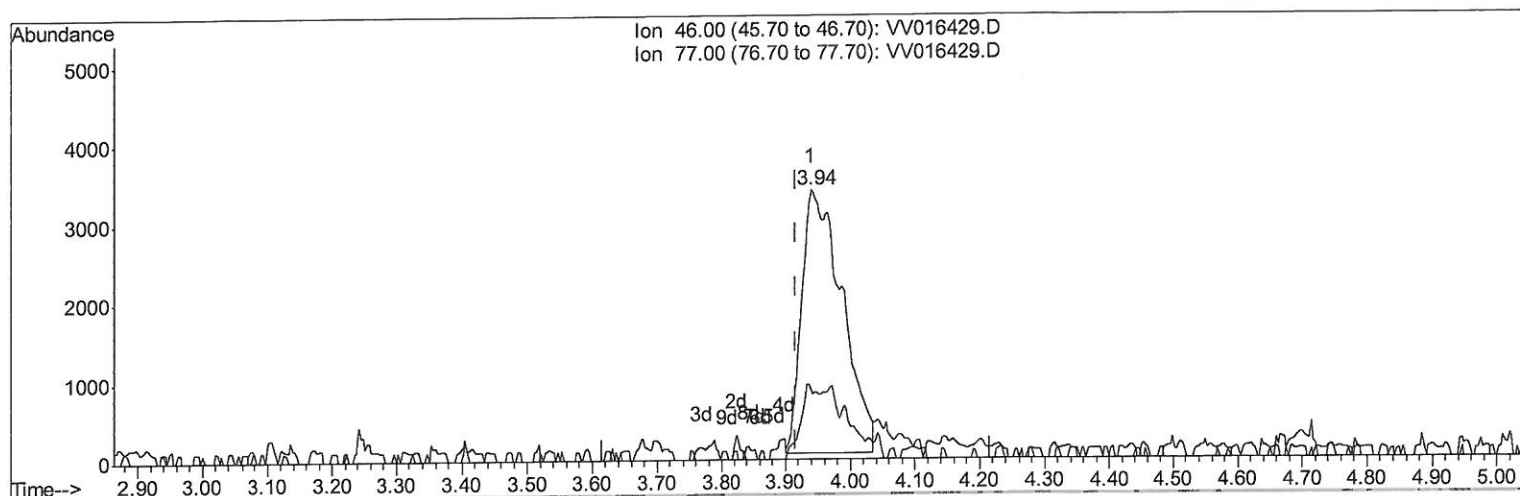
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016429.D
 Acq On : 02 Jun 2020 15:55
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:40:06 PM

Quant Time: Jun 03 00:17:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 00:15:35 2020
 Response via : Initial Calibration



TIC: VV016429.D

(21) 2-Butanone-d5 (S)

3.939min (+0.023) 8.74ug/L m

response 14446

7 MD
 06/04/20

Ion	Exp%	Act%
46.00	100	100
77.00	23.50	8.94#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

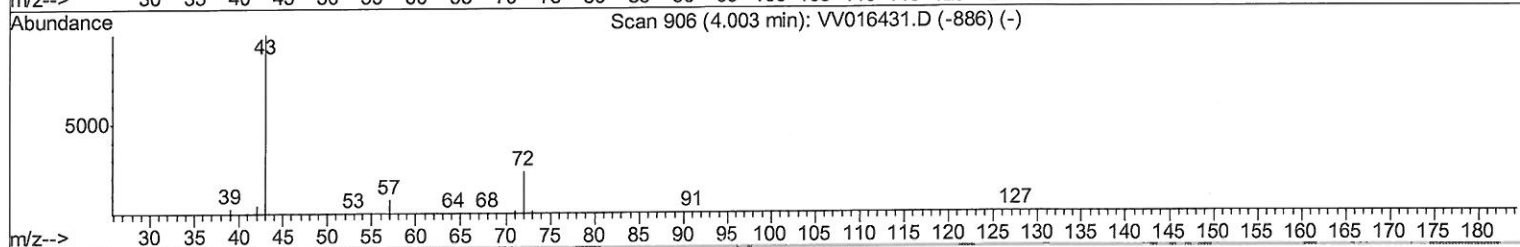
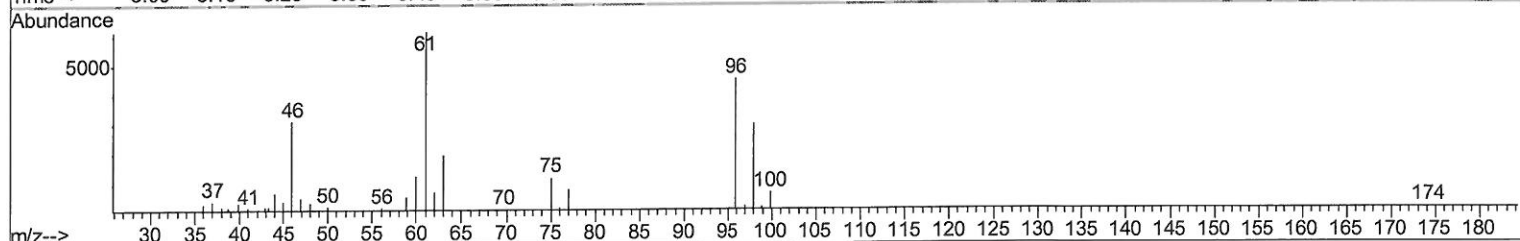
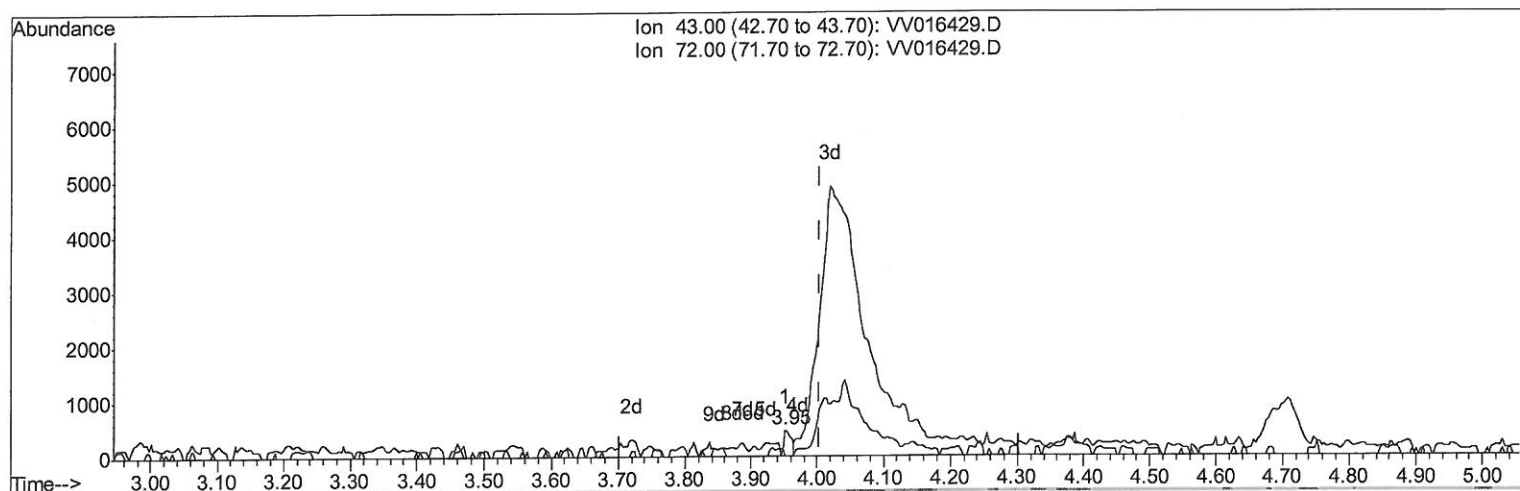
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016429.D
 Acq On : 02 Jun 2020 15:55
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:40:06 PM

Quant Time: Jun 03 00:17:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 00:15:35 2020
 Response via : Initial Calibration



TIC: VV016429.D

(22) 2-Butanone (T)

3.952min (-0.051) 0.22ug/L

response 394

Ion	Exp%	Act%
43.00	100	100
72.00	25.50	19.04
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

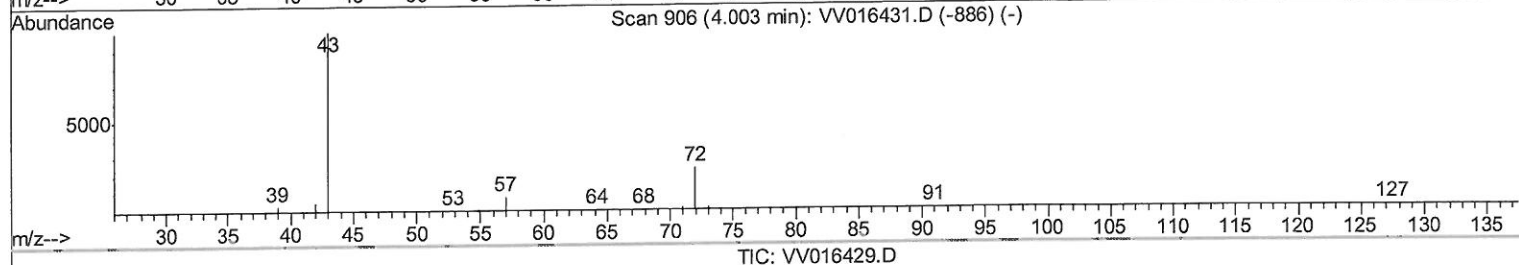
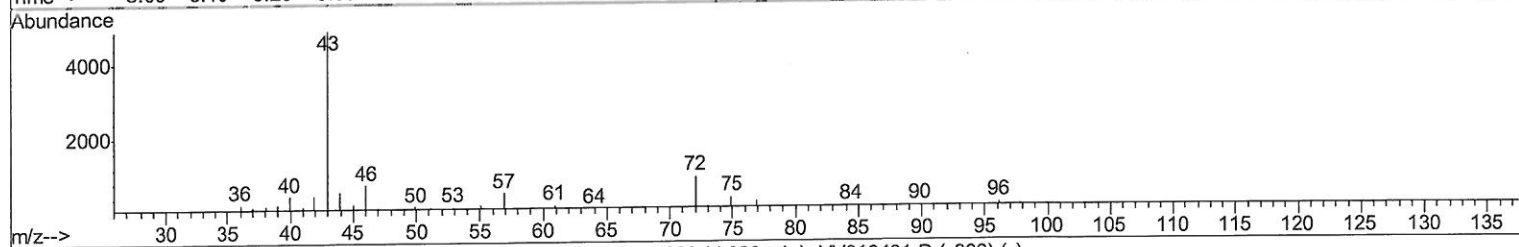
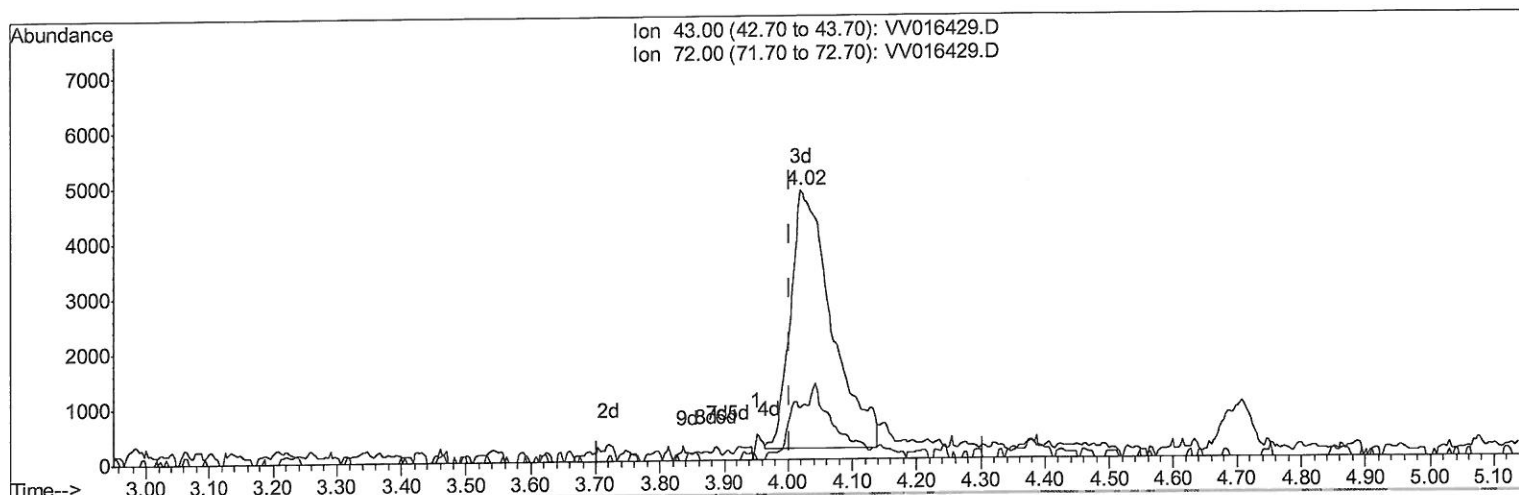
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016429.D
 Acq On : 02 Jun 2020 15:55
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:40:06 PM

Quant Time: Jun 03 00:17:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 00:15:35 2020
 Response via : Initial Calibration



(22) 2-Butanone (T)

4.020min (+0.016) 11.45ug/L m

response 20742

Ion	Exp%	Act%
43.00	100	100
72.00	25.50	0.36#
0.00	0.00	0.00
0.00	0.00	0.00

MD
06/04/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016429.D
 Acq On : 02 Jun 2020 15:55
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:40:06 PM

Quant Time: Jun 03 00:26:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 00:15:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.64	114	382035	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	367928	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	182539	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	13220	4.77	ug/L	0.00
7) Chloroethane-d5	1.58	69	9910	4.18	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	23102	4.49	ug/L	0.00
21) 2-Butanone-d5	3.94	46	14446m	8.74	ug/L	0.02
24) Chloroform-d	4.38	84	24380	4.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	16401	4.57	ug/L	0.00
32) Benzene-d6	5.08	84	45725	4.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	14391	4.51	ug/L	0.00
41) Toluene-d8	7.34	98	40521	4.33	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	6510	4.12	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	10711	9.90	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	20037	4.93	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	16858	4.71	ug/L	0.00

MB
 06/04/20

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	17448	5.889	ug/L 97
3) Chloromethane	1.25	50	16533	5.417	ug/L 97
5) Vinyl chloride	1.32	62	15729	5.332	ug/L 94
6) Bromomethane	1.53	94	7662	4.416	ug/L 89
8) Chloroethane	1.60	64	9087	4.802	ug/L 97
9) Trichlorofluoromethane	1.77	101	23191	5.796	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	11360	4.767	ug/L 90
12) 1,1-Dichloroethene	2.13	96	11348	5.117	ug/L 91
13) Acetone	2.21	43	20908m	13.072	ug/L
14) Carbon disulfide	2.31	76	38253	5.854	ug/L 98
15) Methyl Acetate	2.46	43	15503m	5.711	ug/L
16) Methylene chloride	2.52	84	17821	6.223	ug/L 94
17) trans-1,2-Dichloroethene	2.78	96	14223	5.705	ug/L 98
18) Methyl tert-butyl Ether	2.79	73	42602	5.102	ug/L 98
19) 1,1-Dichloroethane	3.21	63	26958	5.400	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	15256	5.560	ug/L 98
22) 2-Butanone	4.02	43	20742m	11.455	ug/L
23) Bromochloromethane	4.27	128	7803	5.418	ug/L 97
25) Chloroform	4.40	83	28330	5.433	ug/L 93
27) 1,2-Dichloroethane	5.15	62	22131	5.276	ug/L 97
29) Cyclohexane	4.70	56	22554	5.380	ug/L 99
30) 1,1,1-Trichloroethane	4.63	97	23281	5.113	ug/L 98
31) Carbon tetrachloride	4.85	117	20209	5.260	ug/L 100
33) Benzene	5.13	78	56769	5.436	ug/L 100
34) Trichloroethene	5.94	95	15316	5.686	ug/L 97
35) Methylcyclohexane	6.15	83	20463	4.936	ug/L 99
37) 1,2-Dichloropropane	6.20	63	14856	5.317	ug/L 97
38) Bromodichloromethane	6.53	83	17953	4.810	ug/L 96
39) cis-1,3-Dichloropropene	7.05	75	18572	4.418	ug/L 99
40) 4-Methyl-2-pentanone	7.25	43	37713	10.638	ug/L 100

MB
 06/04/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016429.D
 Acq On : 02 Jun 2020 15:55
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:40:06 PM

Quant Time: Jun 03 00:26:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 00:15:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.41	91	58852	5.268	uq/L	97
44) trans-1,3-Dichloropropene	7.67	75	18347	4.397	uq/L	99
45) 1,1,2-Trichloroethane	7.86	97	14491	5.570	uq/L	97
46) Tetrachloroethene	8.00	164	10889	5.244	uq/L	94
48) 2-Hexanone	8.16	43	30389	11.316	uq/L #	93
49) Dibromochloromethane	8.27	129	12326	4.564	uq/L	95
50) 1,2-Dibromoethane	8.37	107	15121	5.596	uq/L #	97
51) Chlorobenzene	8.90	112	40186	5.524	uq/L	99
52) Ethylbenzene	9.03	91	61940	4.942	uq/L	100
53) m,p-Xylene	9.16	106	22755	4.864	uq/L	97
54) o-xylene	9.56	106	22324	4.900	uq/L	99
55) Styrene	9.58	104	38364	4.904	uq/L	100
56) Isopropylbenzene	9.95	105	58803	4.890	uq/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	23633	5.800	uq/L	98
59) 1,2,3-Trichloropropane	10.30	75	19481	5.845	uq/L	99
61) Bromoform	9.75	173	6813	4.104	uq/L #	96
62) 1,3-Dichlorobenzene	11.20	146	30133	5.399	uq/L	97
63) 1,4-Dichlorobenzene	11.29	146	32242	5.640	uq/L	98
65) 1,2-Dichlorobenzene	11.67	146	31158	5.519	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	4382	5.075	uq/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	20880	5.455	uq/L	98
68) 1,2,4-trichlorobenzene	13.29	180	19351	5.632	uq/L	99
69) Naphthalene	13.53	128	55482	5.554	uq/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	18385	5.355	uq/L	100

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