

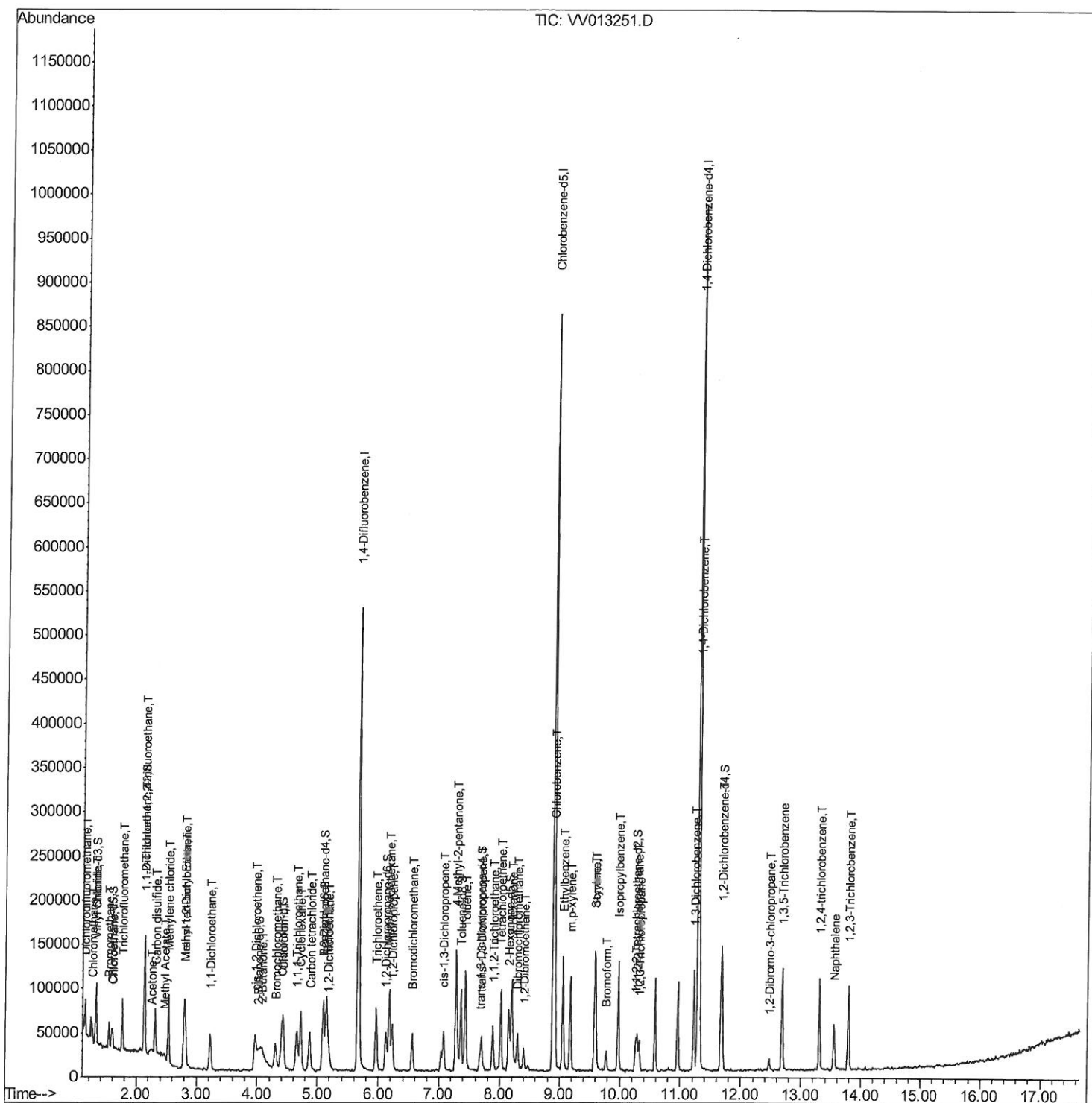
Data File : VV013251.D
Acq On : 21 Oct 2019 18:09
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Manual Integrations
APPROVED

MMDadoda
10/22/2019 9:00:34 AM

Quant Time: Oct 22 02:33:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 02:16:56 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\
Quantitation Report (Qedit)

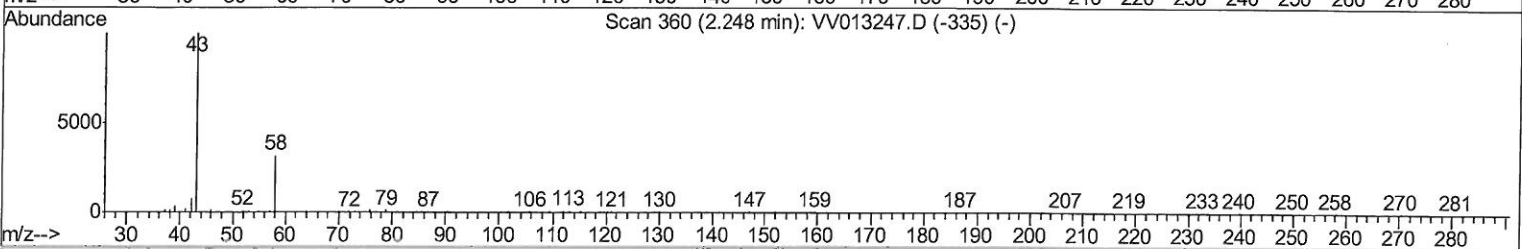
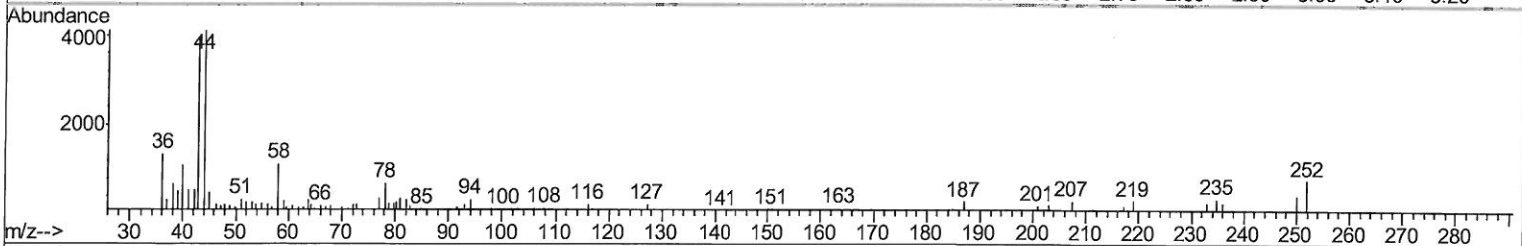
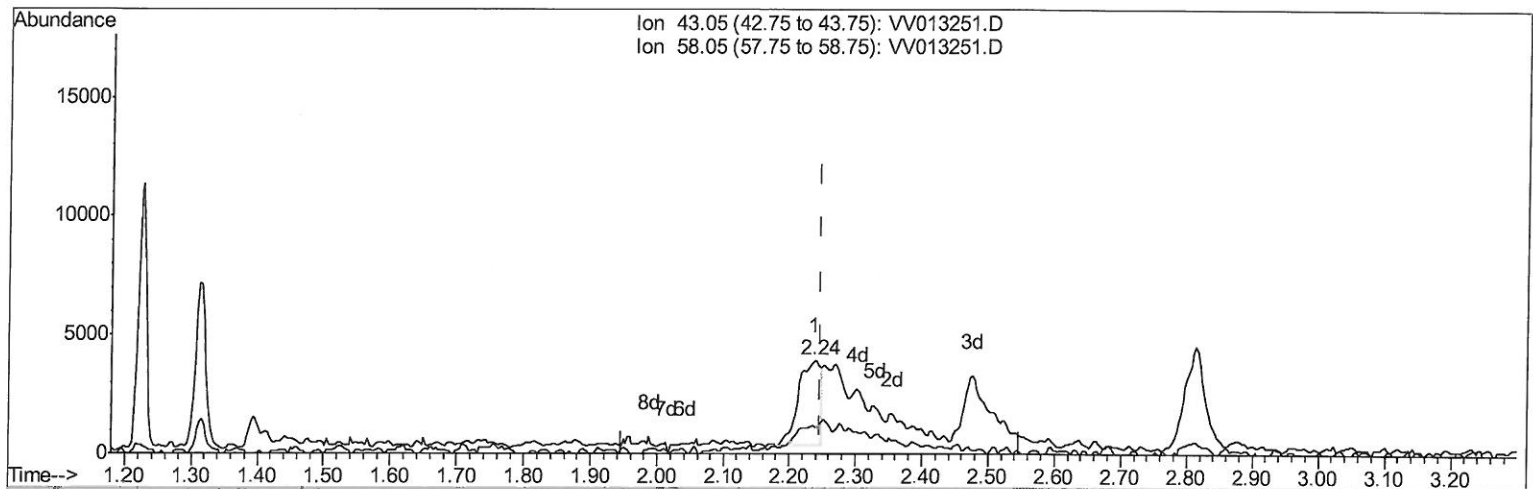
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TIC: VV013251.D

(13) Acetone (T)

2.238min (-0.010) 2.53ug/L

response 8153

Ion	Exp%	Act%
43.05	100	100
58.05	13.10	22.61
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\
Quantitation Report (Qedit)

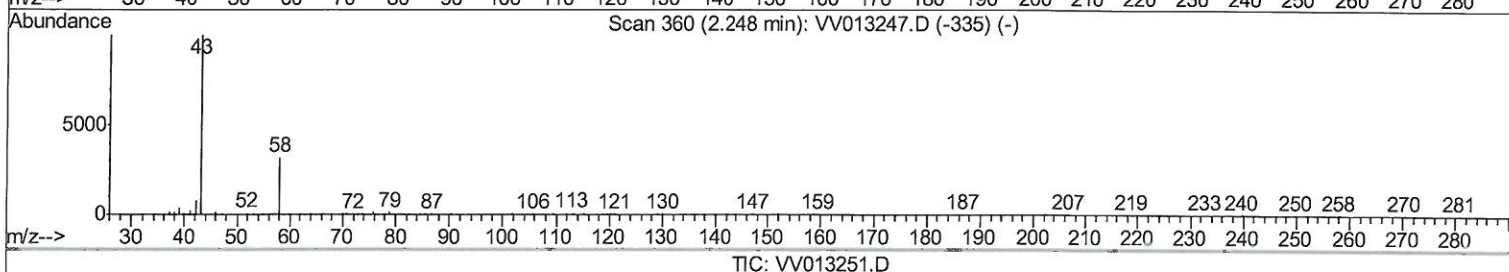
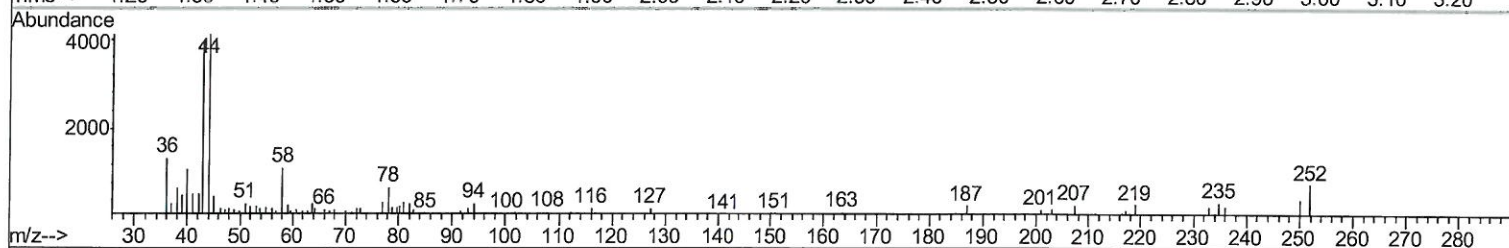
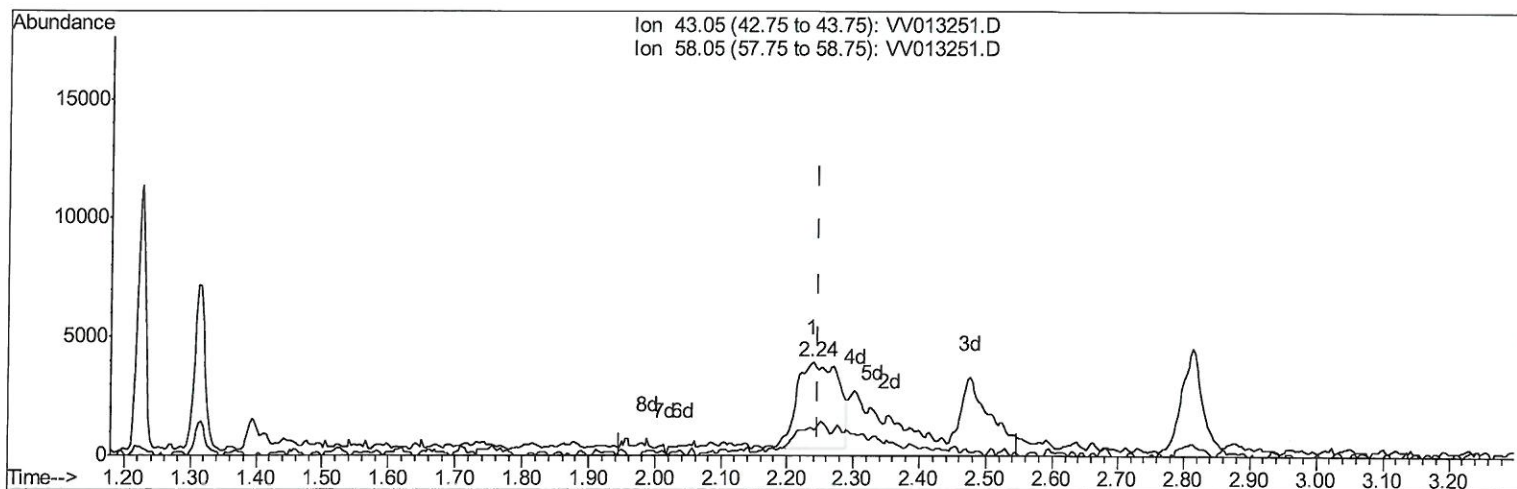
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(13) Acetone (T)

2.238min (-0.010) 4.91ug/L m

response 15822

Ion	Exp%	Act%
43.05	100	100
58.05	13.10	11.65
0.00	0.00	0.00
0.00	0.00	0.00

7 MD
10/20/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\
Quantitation Report (Qedit)

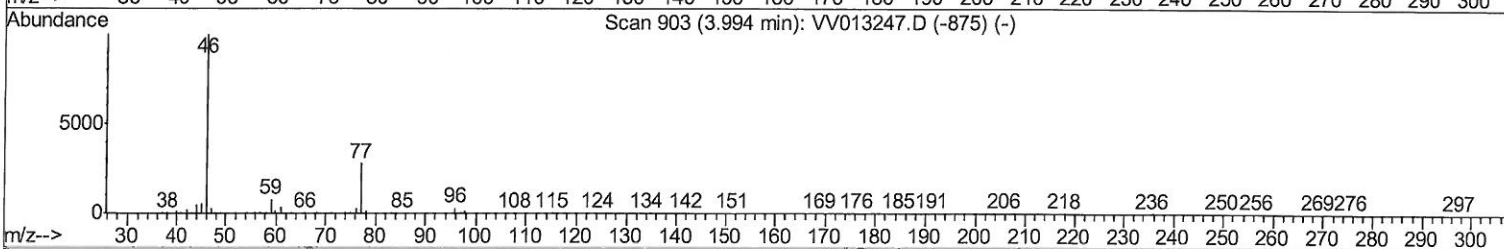
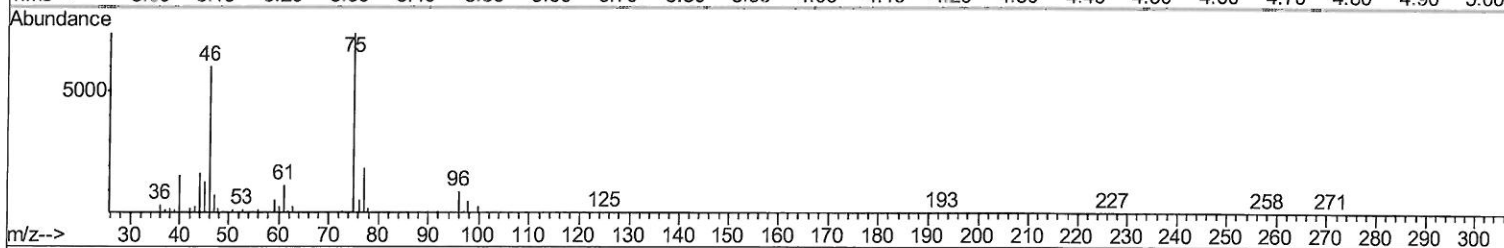
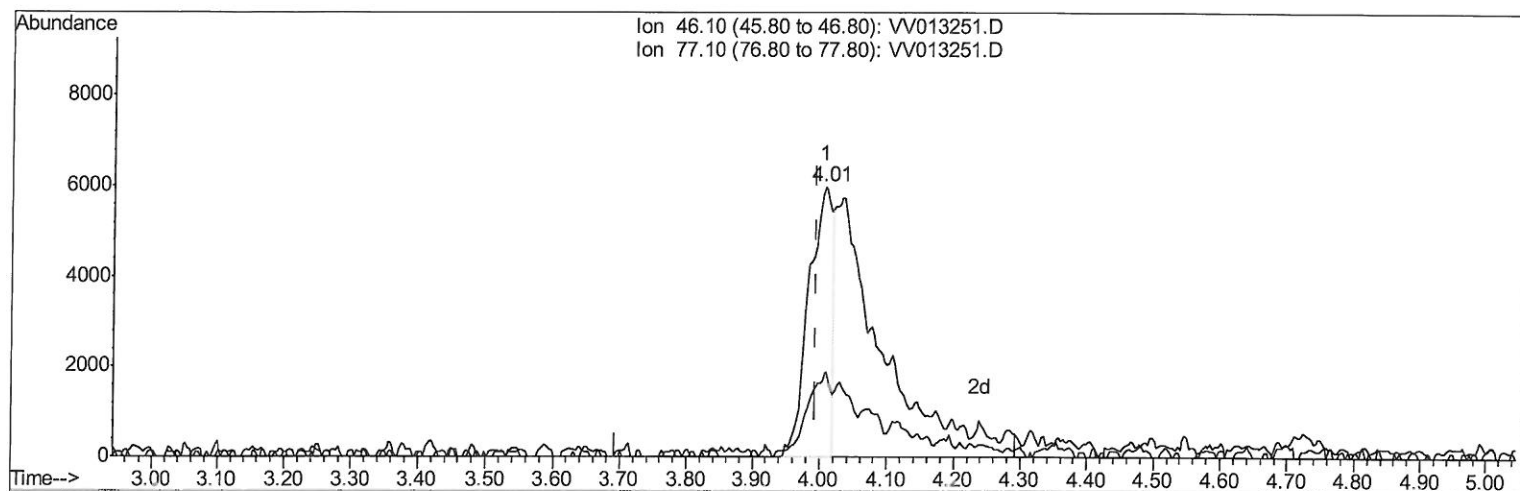
Data File : VV013251.D
Acq On : 21 Oct 2019 18:09
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
VSTD0.531

Manual Integrations
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TIC: VV013251.D

(20) 2-Butanone-d5 (S)

4.007min (+0.013) 2.53ug/L

response 14884

Ion	Exp%	Act%
46.10	100	100
77.10	20.60	31.62#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\
Quantitation Report (Qedit)

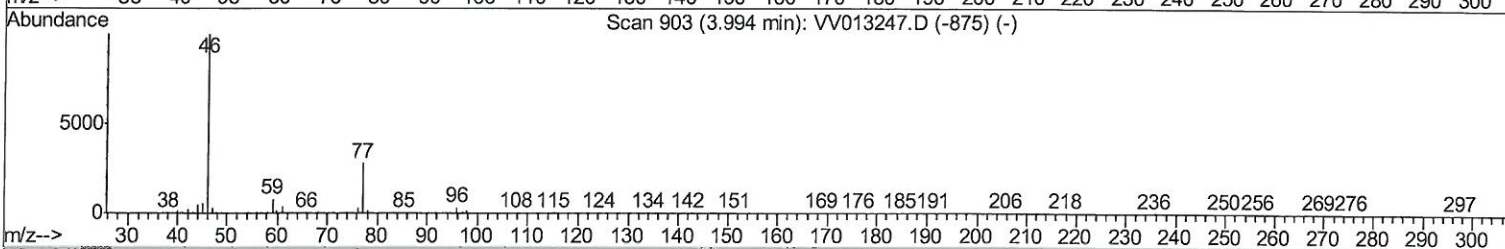
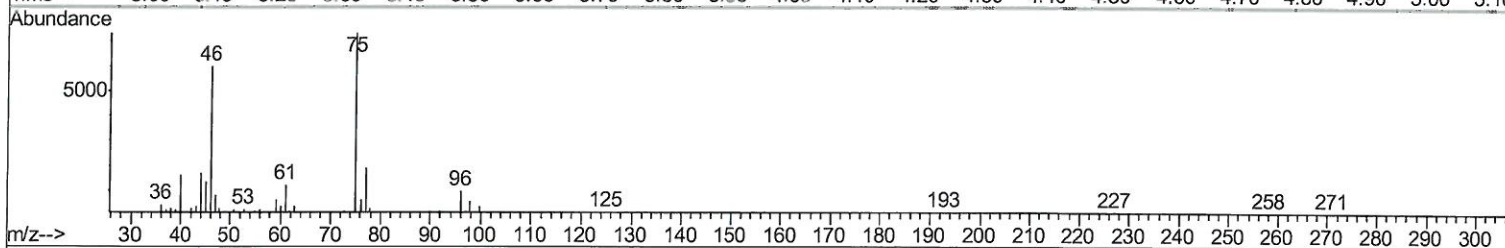
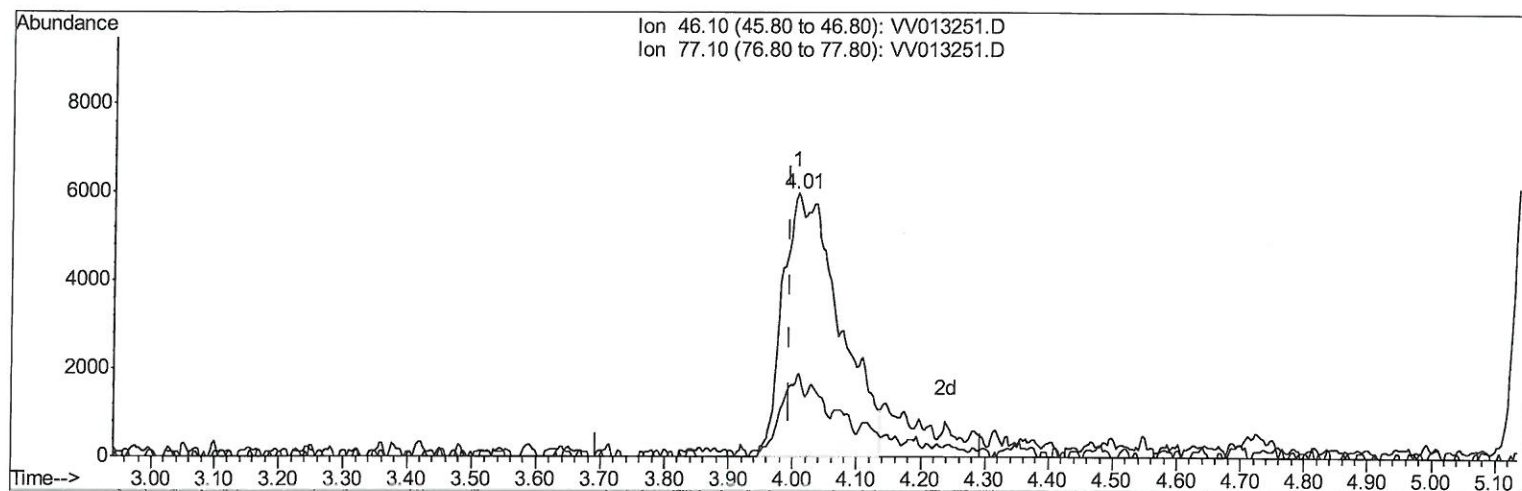
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Manual Integrations
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TIC: VV013251.D

(20) 2-Butanone-d5 (S)

4.007min (+0.013) 6.23ug/L m

response 36676

Ion	Exp%	Act%
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46.10	100	100
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77.10	20.60	12.83#
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0.00	0.00	0.00
------	------	------

0.00	0.00	0.00
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MD
10/26/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\
Quantitation Report (Qedit)

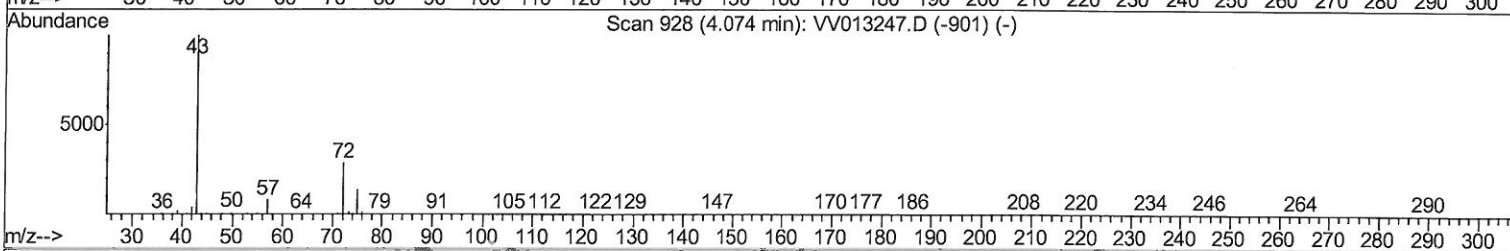
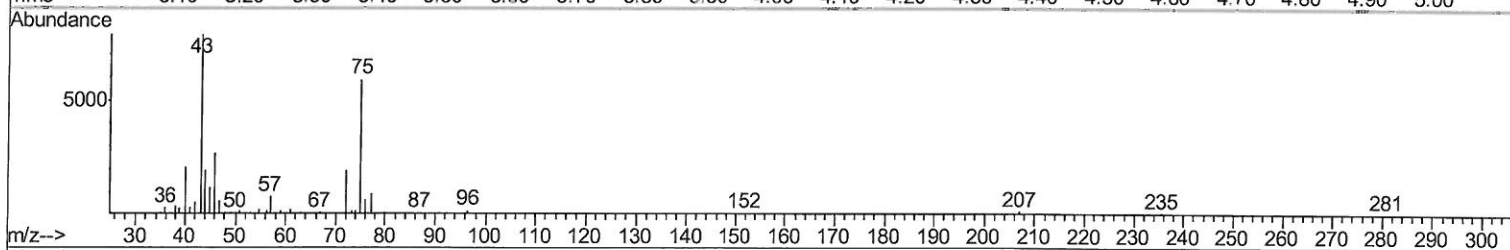
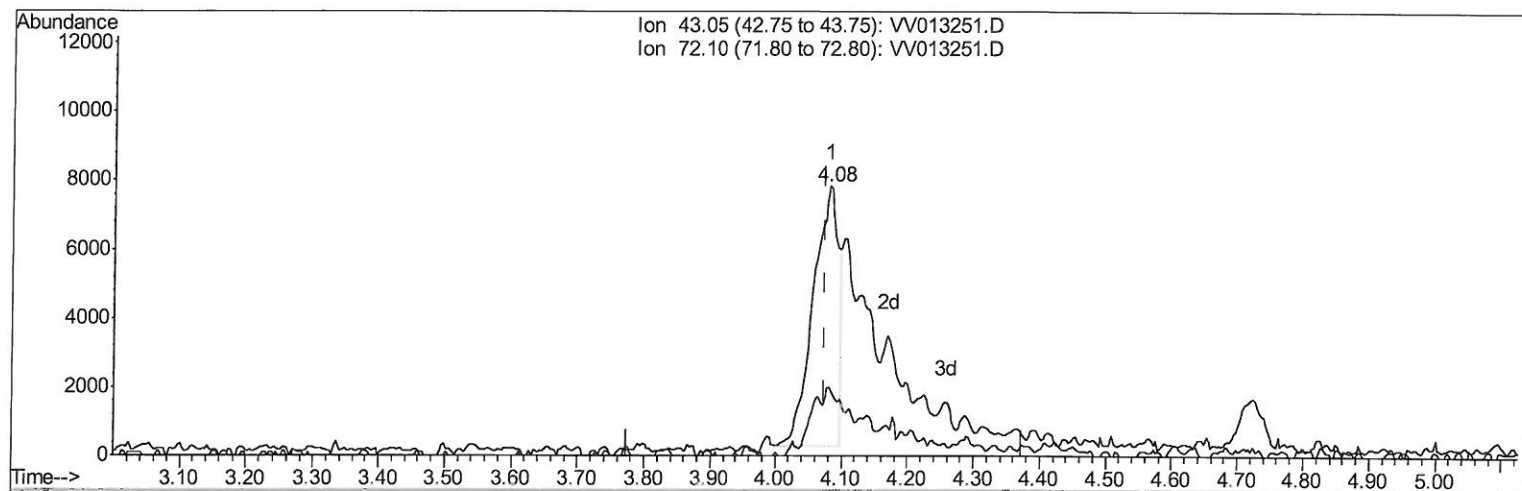
Data File : VV013251.D
Acq On : 21 Oct 2019 18:09
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Manual Integrations
APPROVED

MMDadoda
10/22/2019 9:00:34 AM

Quant Time: Oct 22 02:31:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration



TIC: VV013251.D

(21) 2-Butanone (T)

4.080min (+0.006) 2.84ug/L

response 19711

Ion	Exp%	Act%
43.05	100	100
72.10	26.20	6.83#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\
Quantitation Report (Qedit)

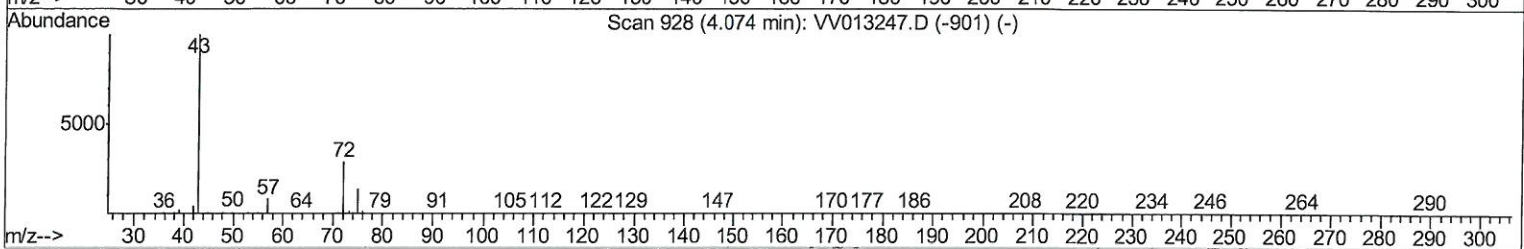
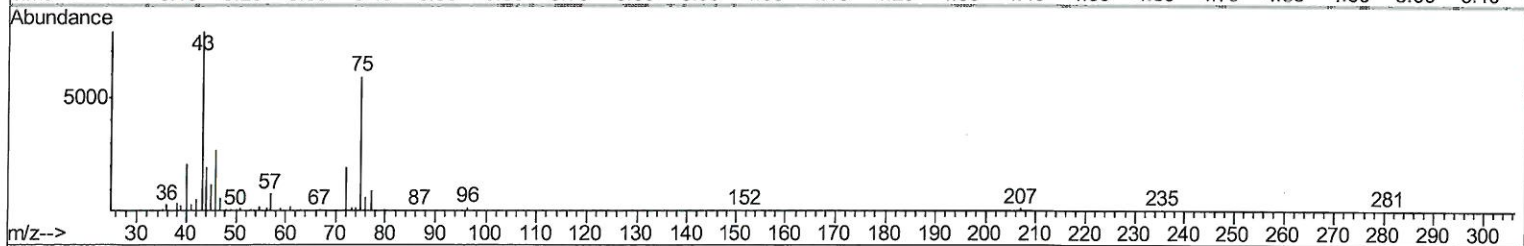
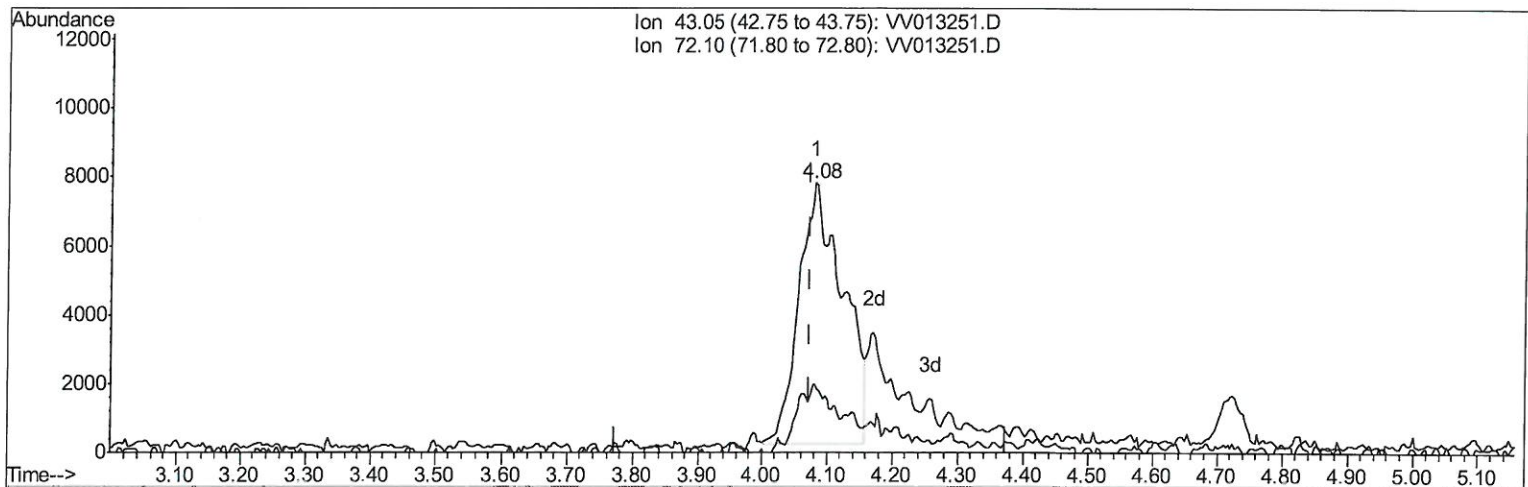
Data File : VV013251.D
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Operator : SY/MD
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Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTD0.531

Manual Integrations
APPROVED

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Quant Time: Oct 22 02:31:40 2019
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TIC: VV013251.D

(21) 2-Butanone (T)

4.080min (+0.006) 5.14ug/L m

response 35726

Ion	Exp%	Act%
43.05	100	100
72.10	26.20	3.77#
0.00	0.00	0.00
0.00	0.00	0.00

MD
10/26/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\
Quantitation Report (QT Reviewed)

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ALS Vial : 11 Sample Multiplier: 1

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	452397	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	486436	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	267669	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16561	0.49	ug/L	0.00
7) Chloroethane-d5	1.58	69	13726	0.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	28297	0.47	ug/L	0.00
20) 2-Butanone-d5	4.01	46	36676m	6.23	ug/L	0.01
24) Chloroform-d	4.40	84	37248	0.48	ug/L	0.01
26) 1,2-Dichloroethane-d4	5.08	65	17927	0.50	ug/L	0.00
32) Benzene-d6	5.10	84	69623	0.44	ug/L	0.01
36) 1,2-Dichloropropane-d6	6.12	67	20530	0.43	ug/L	0.00
41) Toluene-d8	7.36	98	60120	0.41	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	8612	0.49	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	23184	3.72	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	15948	0.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	29660	0.59	ug/L	0.00

MD
10/20/19

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	24324	0.492 ug/L	98
3) Chloromethane	1.25	50	22863	0.537 ug/L	98
5) Vinyl chloride	1.32	62	22011	0.510 ug/L	97
6) Bromomethane	1.53	94	13056	0.545 ug/L	100
8) Chloroethane	1.60	64	13853	0.546 ug/L	98
9) Trichlorofluoromethane	1.77	101	32843	0.534 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	19426	0.532 ug/L	97
12) 1,1-Dichloroethene	2.14	96	18355	0.524 ug/L	92
13) Acetone	2.24	43	15822m	4.907 ug/L	
14) Carbon disulfide	2.31	76	54766	0.554 ug/L	96
15) Methyl Acetate	2.48	43	8179	0.777 ug/L	95
16) Methylene chloride	2.53	84	33037	0.445 ug/L	92
17) Methyl tert-butyl Ether	2.81	73	47097	0.590 ug/L	# 92
18) trans-1,2-Dichloroethene	2.79	96	25044	0.623 ug/L	95
19) 1,1-Dichloroethane	3.23	63	39676	0.591 ug/L	100
21) 2-Butanone	4.08	43	35726m	5.139 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	22994	0.525 ug/L	# 91
23) Bromochloromethane	4.30	128	11487	0.556 ug/L	91
25) Chloroform	4.43	83	51308	0.596 ug/L	96
27) 1,2-Dichloroethane	5.18	62	23926	0.523 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	34600	0.487 ug/L	95
30) Cyclohexane	4.72	56	32447	0.446 ug/L	95
31) Carbon tetrachloride	4.87	117	30998	0.487 ug/L	98
33) Benzene	5.15	78	84075	0.459 ug/L	100
34) Trichloroethene	5.96	95	25201	0.519 ug/L	97
35) Methylcyclohexane	6.17	83	32685	0.437 ug/L	97
37) 1,2-Dichloropropane	6.22	63	20707	0.469 ug/L	# 93
38) Bromodichloromethane	6.56	83	29544	0.517 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	30244	0.492 ug/L	93
40) 4-Methyl-2-pentanone	7.28	43	108918	4.936 ug/L	98

MD
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42) Toluene	7.43	91	85190	0.447	ug/L	94
44) trans-1,3-Dichloropropene	7.69	75	22280	0.472	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	15363	0.497	ug/L	92
47) Tetrachloroethene	8.02	164	22175	0.501	ug/L	95
48) 2-Hexanone	8.19	43	75236	4.813	ug/L	89
49) Dibromochloromethane	8.29	129	20336	0.530	ug/L	97
50) 1,2-Dibromoethane	8.40	107	15530	0.539	ug/L #	95
51) Chlorobenzene	8.92	112	60969	0.490	ug/L	97
52) Ethylbenzene	9.05	91	86478	0.435	ug/L	97
53) m,p-xylene	9.18	106	30030	0.390	ug/L	92
54) o-xylene	9.59	106	29788	0.413	ug/L	98
55) Styrene	9.60	104	48477	0.395	ug/L	98
56) Isopropylbenzene	9.97	105	75330	0.393	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	18766	0.539	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	13863	0.530	ug/L	94
61) Bromoform	9.77	173	11115	0.560	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	48297	0.530	ug/L	96
63) 1,4-Dichlorobenzene	11.31	146	50398	0.550	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	45483	0.541	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	3064	0.649	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	38831	0.584	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	34337	0.601	ug/L	97
69) Naphthalene	13.55	128	42568	0.545	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	30324	0.565	ug/L	96

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