

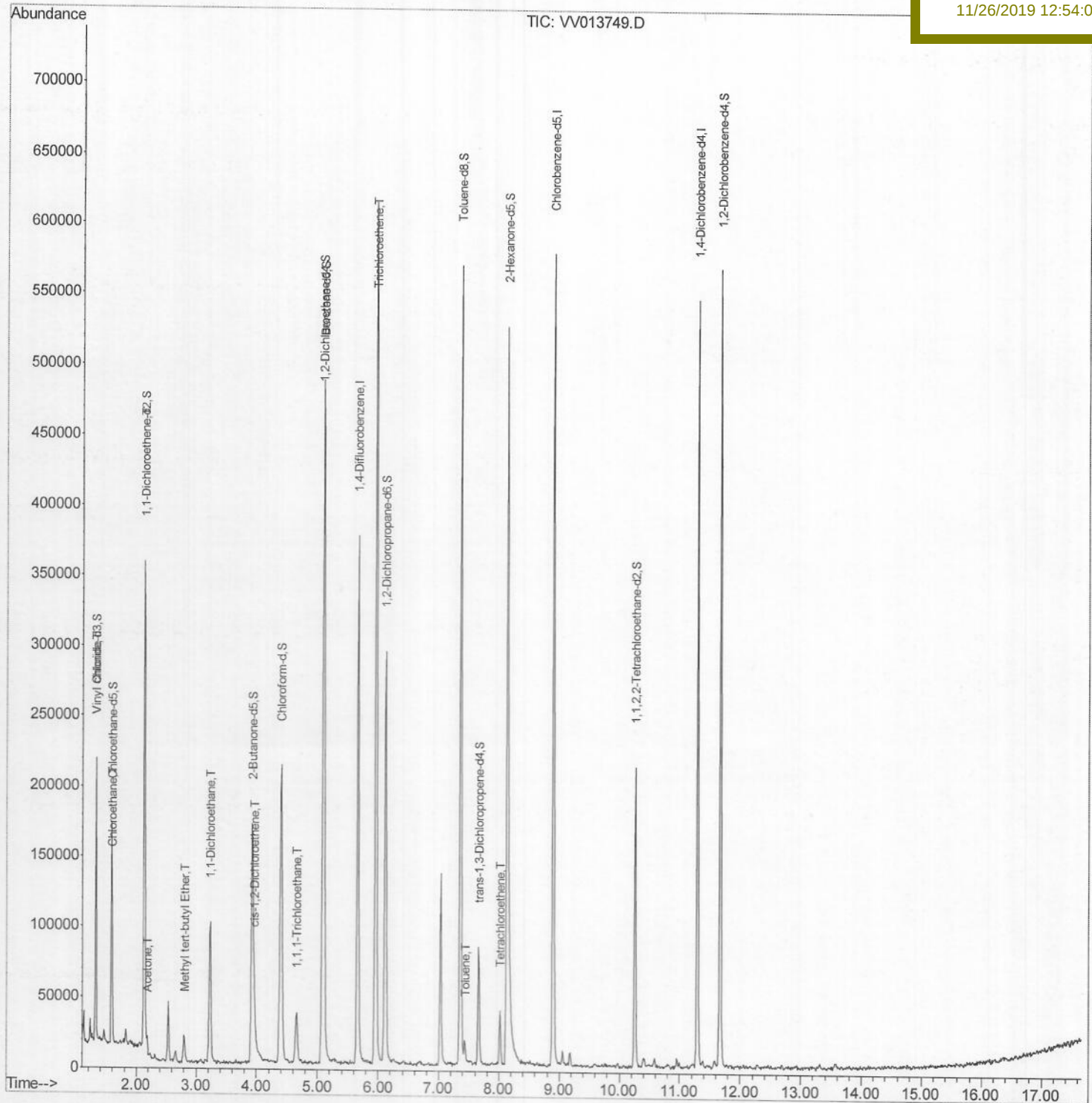
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\
Data File : VV013749.D
Acq On : 22 Nov 2019 21:24
Operator : SY/MD
Sample : K5941-18DL 5X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 25 10:57:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
B0AD4DL

Manual Integrations
APPROVED

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11/26/2019 12:54:02 PM



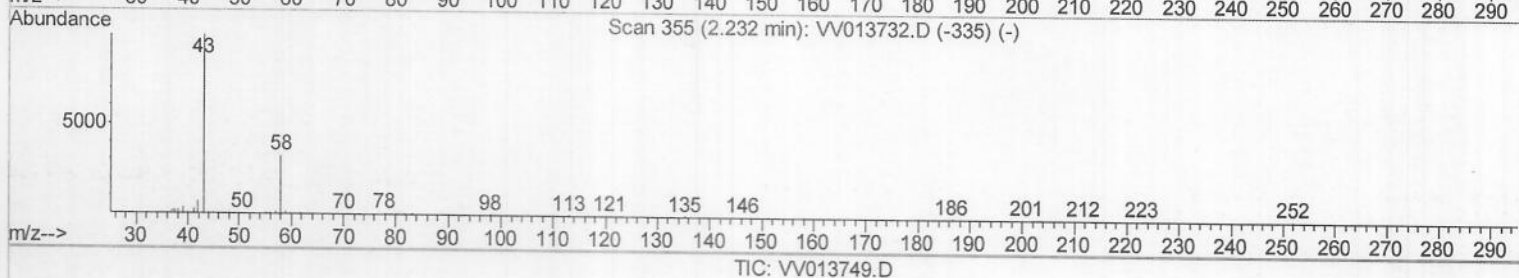
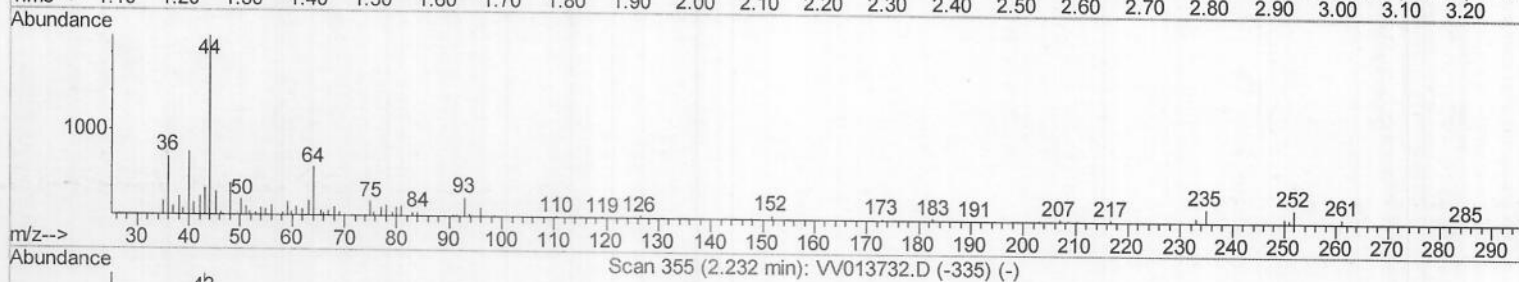
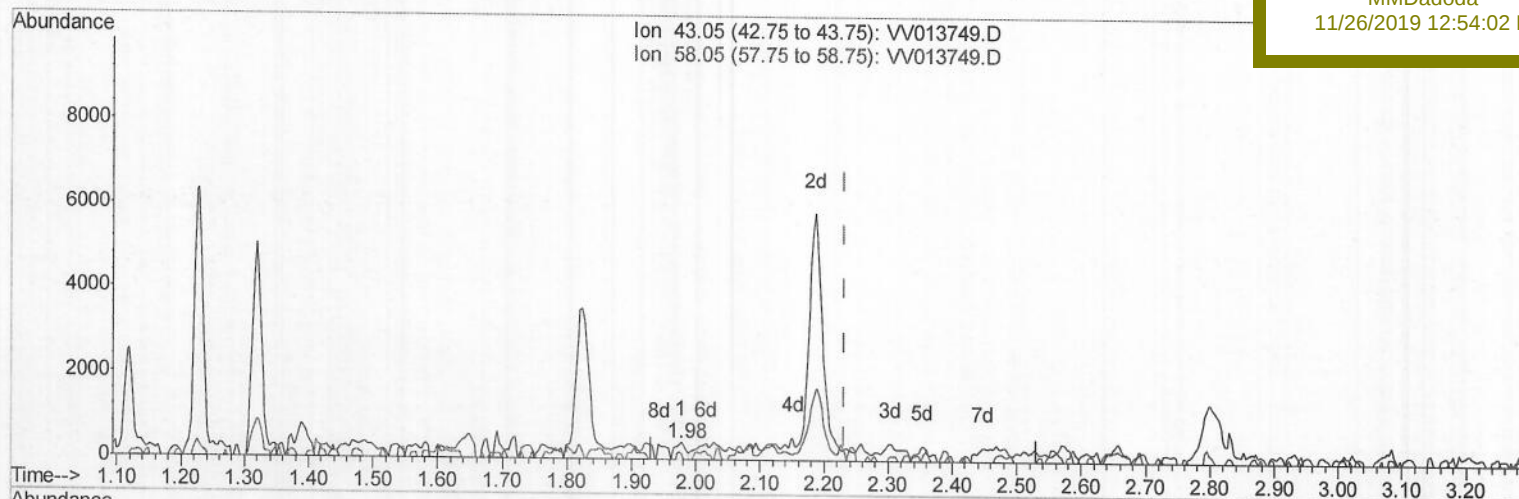
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Operator : SY/MD
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ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 23 01:41:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
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(13) Acetone (T)

1.978min (-0.254) 0.15ug/L

response 438

Ion	Exp%	Act%
43.05	100	100
58.05	13.60	19.63
0.00	0.00	0.00
0.00	0.00	0.00

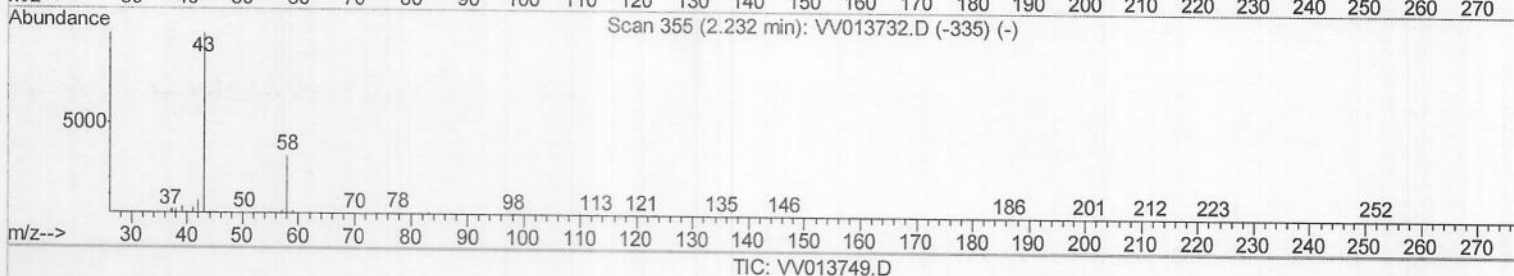
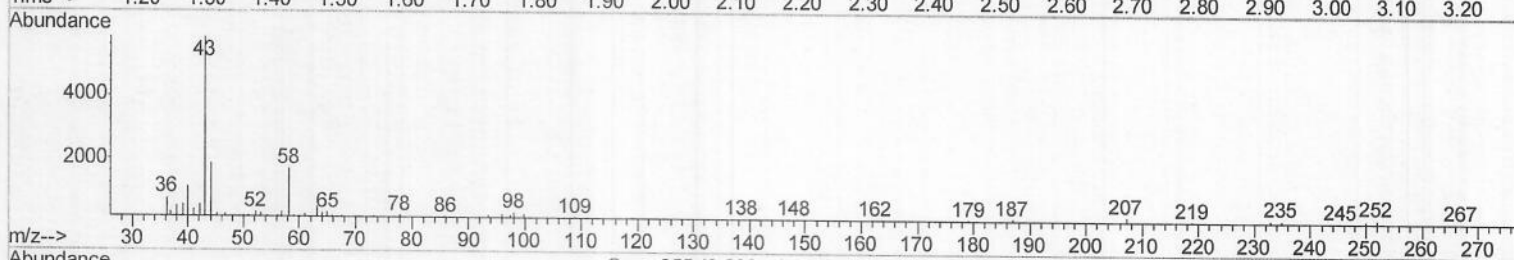
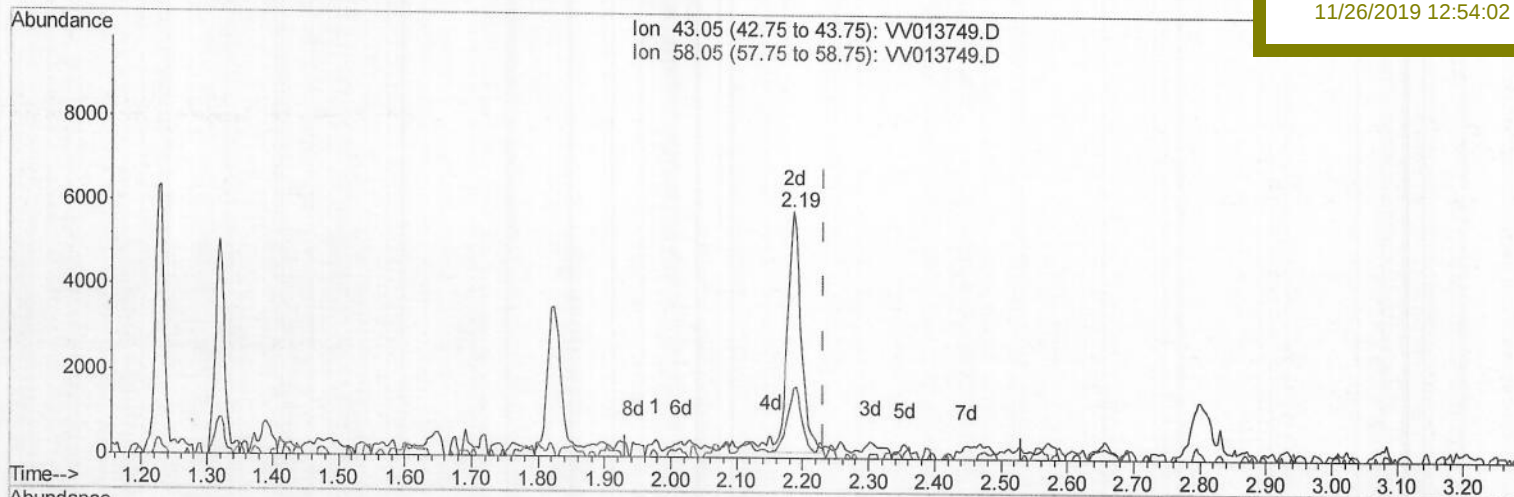
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Manual Integrations
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Quant Time: Nov 23 01:41:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration



(13) Acetone (T)

2.187min (-0.045) 2.79ug/L m

response 8110

Ion	Exp%	Act%
43.05	100	100
58.05	13.60	1.06
0.00	0.00	0.00
0.00	0.00	0.00

MD
11/26/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\
 Data File : VV013749.D
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 Operator : SY/MD
 Sample : K5941-18DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 25 10:57:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 Qlast Update : Sat Nov 23 01:35:18 2019
 Response via : Initial Calibration

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AD4DL

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	323626	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	323980	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	151915	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109483	5.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.40%
7) Chloroethane-d5	1.58	69	99575	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.13	63	165673	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	3.92	46	275091	66.06	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.12%#
24) Chloroform-d	4.40	84	215988	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.08	65	115344	6.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.00%
32) Benzene-d6	5.10	84	440587	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.11	67	138918	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.36	98	373294	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.66	79	48023	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.13	63	194300	54.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.66%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	99101	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	160681	5.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.80%

Target Compounds

					Ovalue	
5) Vinyl chloride	1.32	62	7195	0.372	ug/L #	23
8) Chloroethane	1.60	64	8341	0.716	ug/L	99
12) 1,1-Dichloroethene	2.14	96	33911	2.179	ug/L #	37
13) Acetone	2.19	43	8110m	2.785	ug/L	
17) Methyl tert-butyl Ether	2.80	73	14130	0.332	ug/L #	92
19) 1,1-Dichloroethane	3.23	63	97207	2.771	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	8995	0.437	ug/L	94
29) 1,1,1-Trichloroethane	4.66	97	26151	0.789	ug/L	98
34) Trichloroethene	5.95	95	210039	9.581	ug/L	98
42) Toluene	7.43	91	9670	0.113	ug/L	100
47) Tetrachloroethene	8.02	164	9230	0.485	ug/L	96

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