

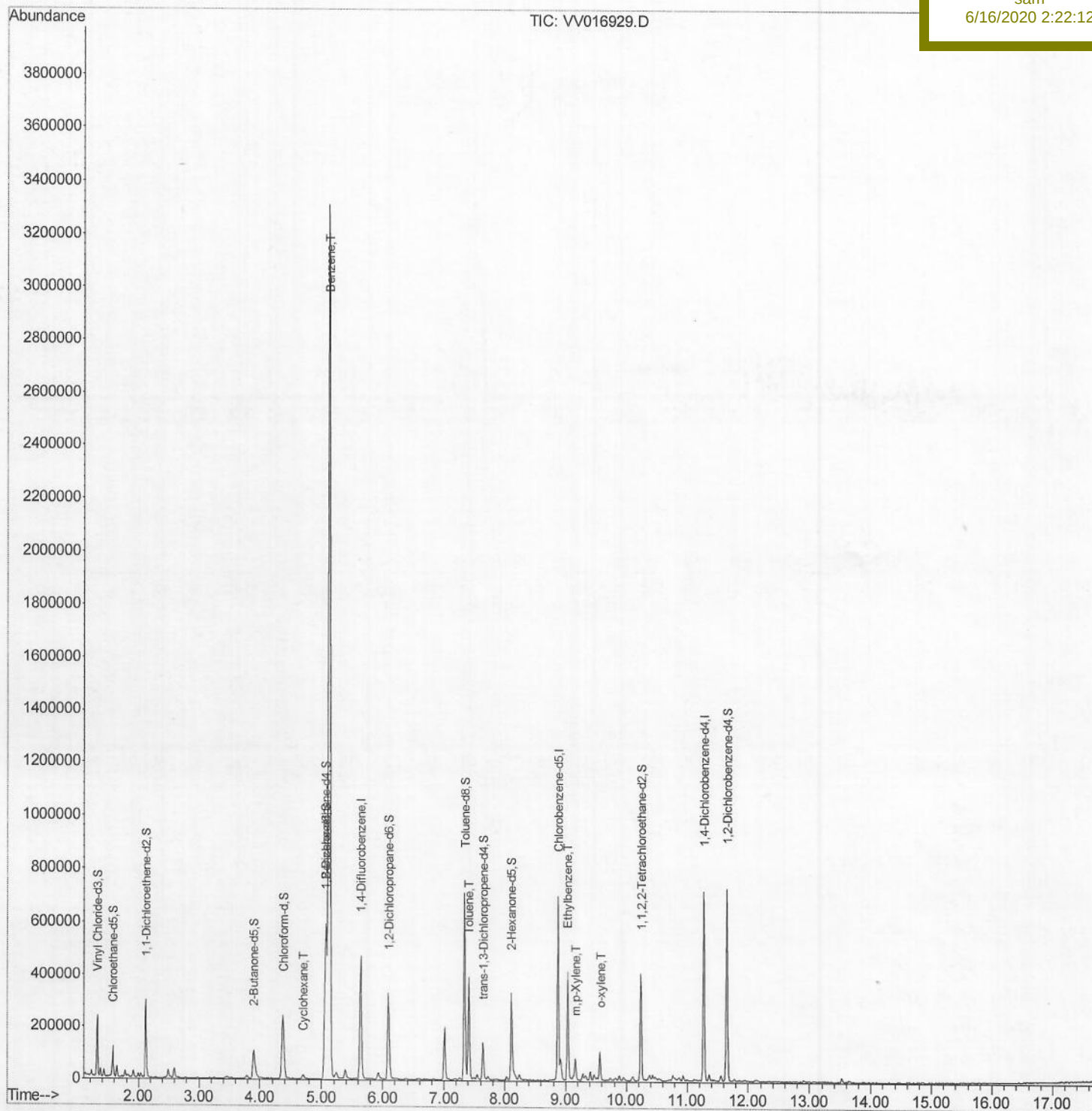
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
Data File : VV016929.D
Acq On : 15 Jun 2020 12:07
Operator : SY/MD
Sample : L2914-03 25X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 16 14:55:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 16 05:46:50 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F9D96

Manual Integrations
APPROVED

sam
6/16/2020 2:22:12 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\

Data File : VV016929.D

Acq On : 15 Jun 2020 12:07

Operator : SY/MD

Sample : L2914-03 25X

Misc : 5.0mL/MSVOA V/WATER

ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 16 06:52:03 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Jun 16 05:46:50 2020

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

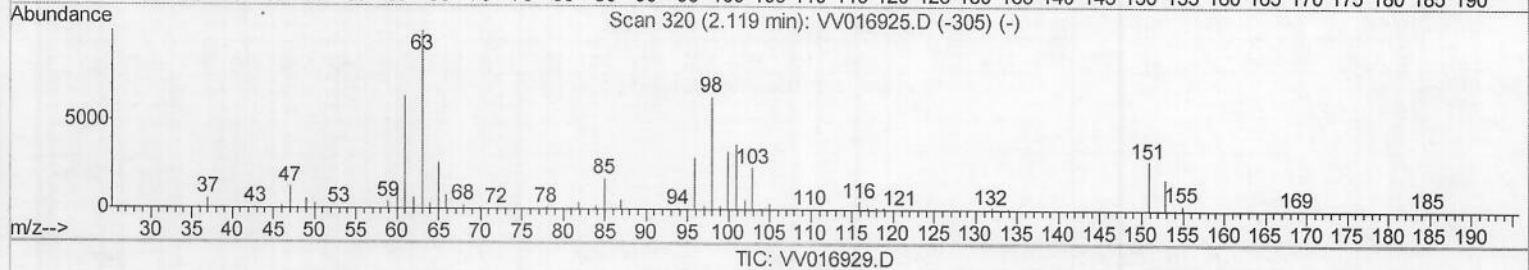
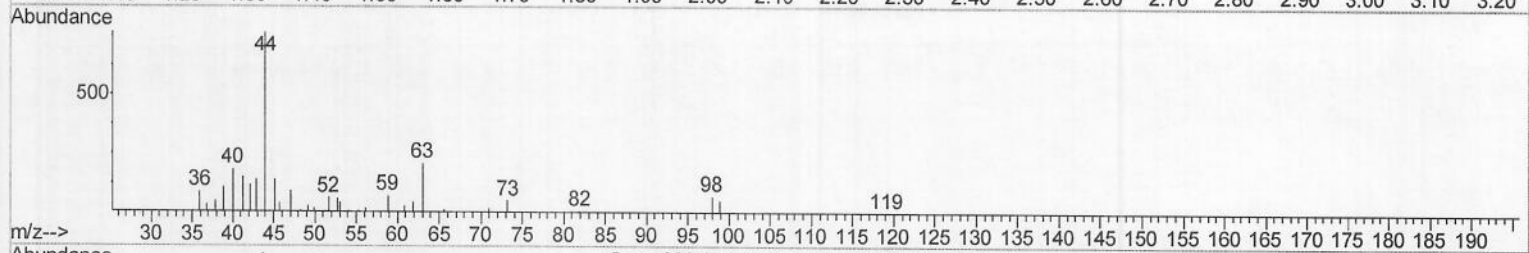
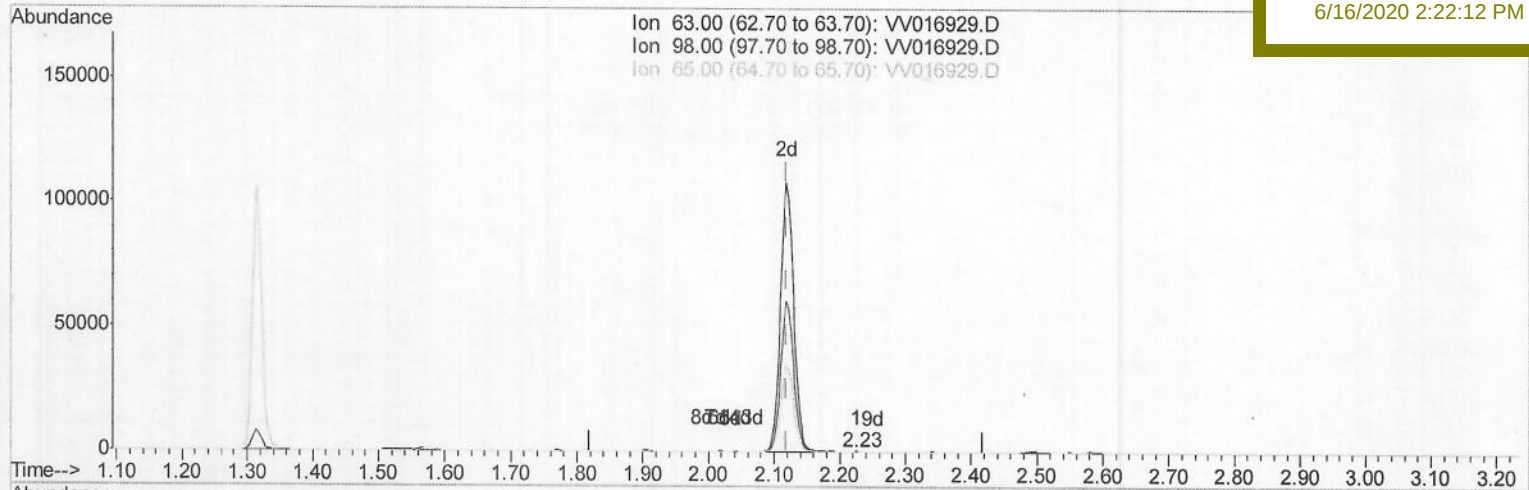
F9D96

Manual Integrations

APPROVED

sam

6/16/2020 2:22:12 PM



TIC: VV016929.D

(11) 1,1-Dichloroethene-d2 (S)

2.225min (+0.106) 0.07ug/L

response 318

Ion	Exp%	Act%
63.00	100	100
98.00	67.20	48.11
65.00	24.40	20.75
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\

Data File : VV016929.D

Acq On : 15 Jun 2020 12:07

Operator : SY/MD

Sample : L2914-03 25X

Misc : 5.0mL/MSVOA V/WATER

ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 16 06:52:03 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Jun 16 05:46:50 2020

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

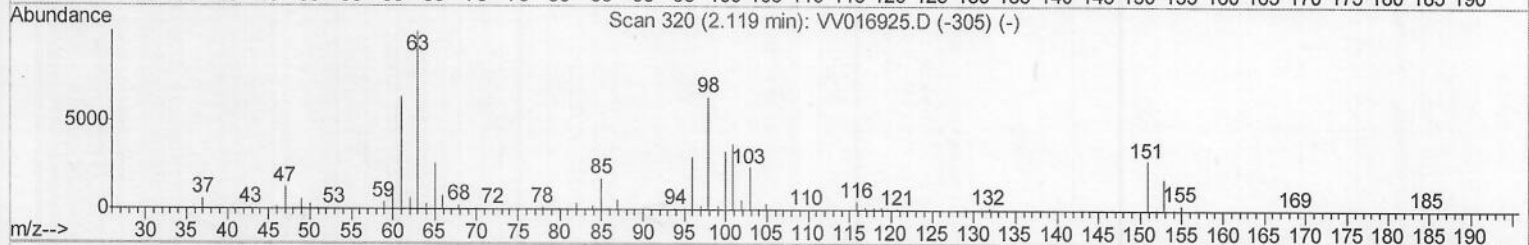
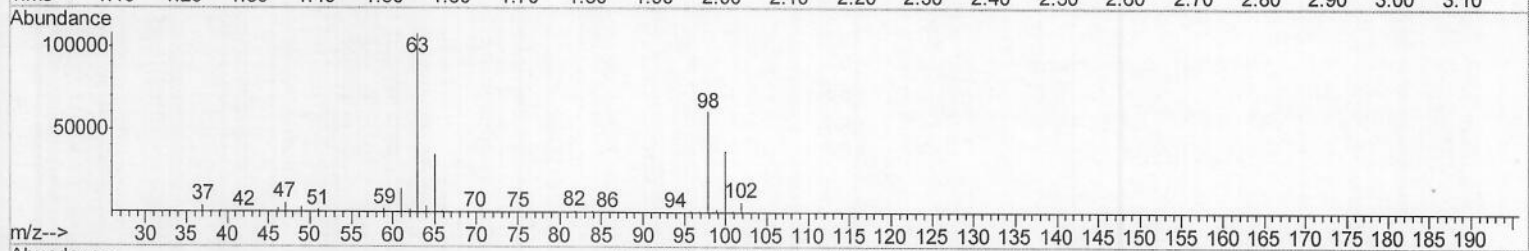
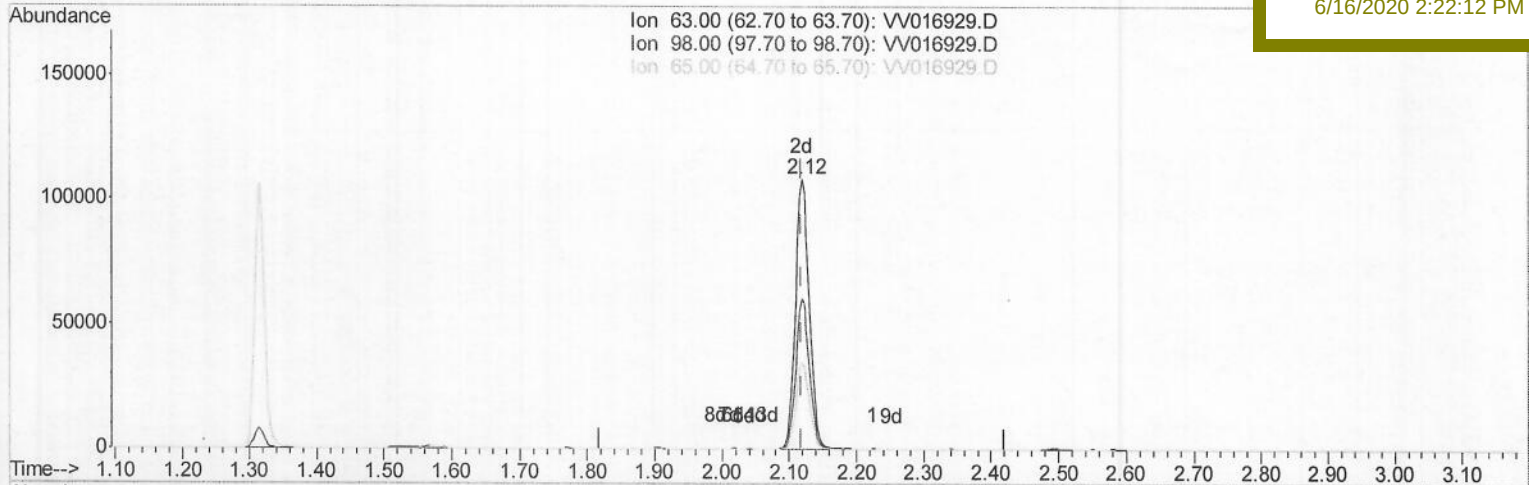
F9D96

Manual Integrations

APPROVED

sam

6/16/2020 2:22:12 PM



TIC: VV016929.D

(11) 1,1-Dichloroethene-d2 (S)

2.119min (0.000) 33.39ug/L m

response 154458

Ion	Exp%	Act%
63.00	100	100
98.00	67.20	0.10#
65.00	24.40	0.04#
0.00	0.00	0.00

M.D
06/16/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016929.D
 Acq On : 15 Jun 2020 12:07
 Operator : SY/MD
 Sample : L2914-03 25X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 16 14:55:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 16 05:46:50 2020
 Response via : Initial Calibration

Instrument :
 MSVOA_V
 Client Sampled :
 F9D96

Manual Integrations
 APPROVED

sam
 6/16/2020 2:22:12 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.64	114	390398	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	365009	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	175248	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107985	39.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.40%
7) Chloroethane-d5	1.57	69	67303	40.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.44%
11) 1,1-Dichloroethene-d2	2.12	63	154458m	33.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.78%
21) 2-Butanone-d5	3.90	46	174525	85.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.60%
24) Chloroform-d	4.37	84	244643	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.36%
26) 1,2-Dichloroethane-d4	5.05	65	175746	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
32) Benzene-d6	5.07	84	479124	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.08%
36) 1,2-Dichloropropane-d6	6.09	67	147144	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.72%
41) Toluene-d8	7.34	98	441493	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%
43) trans-1,3-Dichloropropene-	7.64	79	74975	43.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.78%
47) 2-Hexanone-d5	8.11	63	102817	71.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179320	41.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	182226	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%

Target Compounds

					Ovalue
29) Cyclohexane	4.71	56	6732	1.484	ug/L 96
33) Benzene	5.12	78	3177819	294.254	ug/L 100
42) Toluene	7.41	91	266719	23.428	ug/L 99
52) Ethylbenzene	9.03	91	279512	22.166	ug/L 100
53) m,p-Xylene	9.16	106	20691	4.407	ug/L 97
54) o-xylene	9.57	106	28529	6.161	ug/L 95

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