LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
Data File : VX013727.D
Acq On : 03 Dec 2019 16:11
Operator : JC/SP
Sample : K6025-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GROUNDWATER

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.070	26	30	43	rBV	1084658	1272303	39.90%	5.173%
2	1.265	59	62	67	rBV	198088	231258	7.25%	0.940%
3	1.326	67	72	75	rVV3	22500	46429	1.46%	0.189%
4	1.600	110	117	119	rVB6	39983	80612	2.53%	0.328%
5	2.179	208	212	217	rVB2	50437	69036	2.17%	0.281%
6	2.368	237	243	249	rVB	29149	45027	1.41%	0.183%
7	2.594	269	280	286	rBV	60960	119703	3.75%	0.487%
8	2.850	317	322	327	rBV2	28795	50371	1.58%	0.205%
9	3.685	450	459	469	rBV	99140	244510	7.67%	0.994%
10	4.588	599	607	612	rBV2	23072	56853	1.78%	0.231%
11	5.490	743	755	768	rBV	505868	1452424	45.55%	5.905%
12	5.654	771	782	793	rVB	654900	1815311	56.93%	7.381%
13	6.051	838	847	859	rBV	392882	1031473	32.35%	4.194%
14	6.849	968	978	988	rBV	995143	2326027	72.95%	9.457%
15	7.209	1028	1037	1047	rBV	120974	262836	8.24%	1.069%
16	8.709	1276	1283	1291	rBV	2120860	3188592	100.00%	12.964%
17	9.331	1377	1385	1392	rBV	1262459	1786430	56.03%	7.263%
18	10.111	1507	1513	1521	rBV	1954610	2715951	85.18%	11.043%
19	10.428	1560	1565	1570	rBV	46173	66007	2.07%	0.268%
20	11.135	1675	1681	1689	rBV	1636874	2096552	65.75%	8.524%
21	11.806	1786	1791	1795	rBV	52068	66228	2.08%	0.269%
22	12.074	1830	1835	1842	rBV	2097898	2569914	80.60%	10.449%
23	12.294	1866	1871	1878	rVB	67894	99454	3.12%	0.404%
24	12.629	1922	1926	1930	rVV	150761	177453	5.57%	0.721%
25	13.104	1993	2004	2009	rBV6	37007	137557	4.31%	0.559%
26	13.348	2039	2044	2048	rBV6	20525	35607	1.12%	0.145%
27	13.476	2058	2065	2071	rBV6	35212	65681	2.06%	0.267%
28	13.641	2088	2092	2099	rVB10	22774	44123	1.38%	0.179%
29	13.830	2115	2123	2132	rBV	392694	534030	16.75%	2.171%
30	14.653	2254	2258	2261	rBV	105834	119865	3.76%	0.487%
31	14.689	2261	2264	2272	rVB	170453	236361	7.41%	0.961%
32	14.836	2283	2288	2297	rVB	779636	972530	30.50%	3.954%
33	15.269	2352	2359	2366	rBV2	34098	58502	1.83%	0.238%
34	15.476	2389	2393	2397	rVB	27767	37759	1.18%	0.154%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Title : SW846 8260

35	15.543	2399	2404	2409	rBV3	22246	40682	1.28%	0.165%
36	15.683	2420	2427	2431	rBV	53357	88913	2.79%	0.362%
37	15.884	2454	2460	2462	rBV4	23753	41481	1.30%	0.169%
38	16.067	2484	2490	2495	rVB2	28744	50181	1.57%	0.204%
39	16.409	2540	2546	2555	rVB	140234	261108	8.19%	1.062%

Sum of corrected areas: 24595134

LSC Report - Integrated Chromatogram

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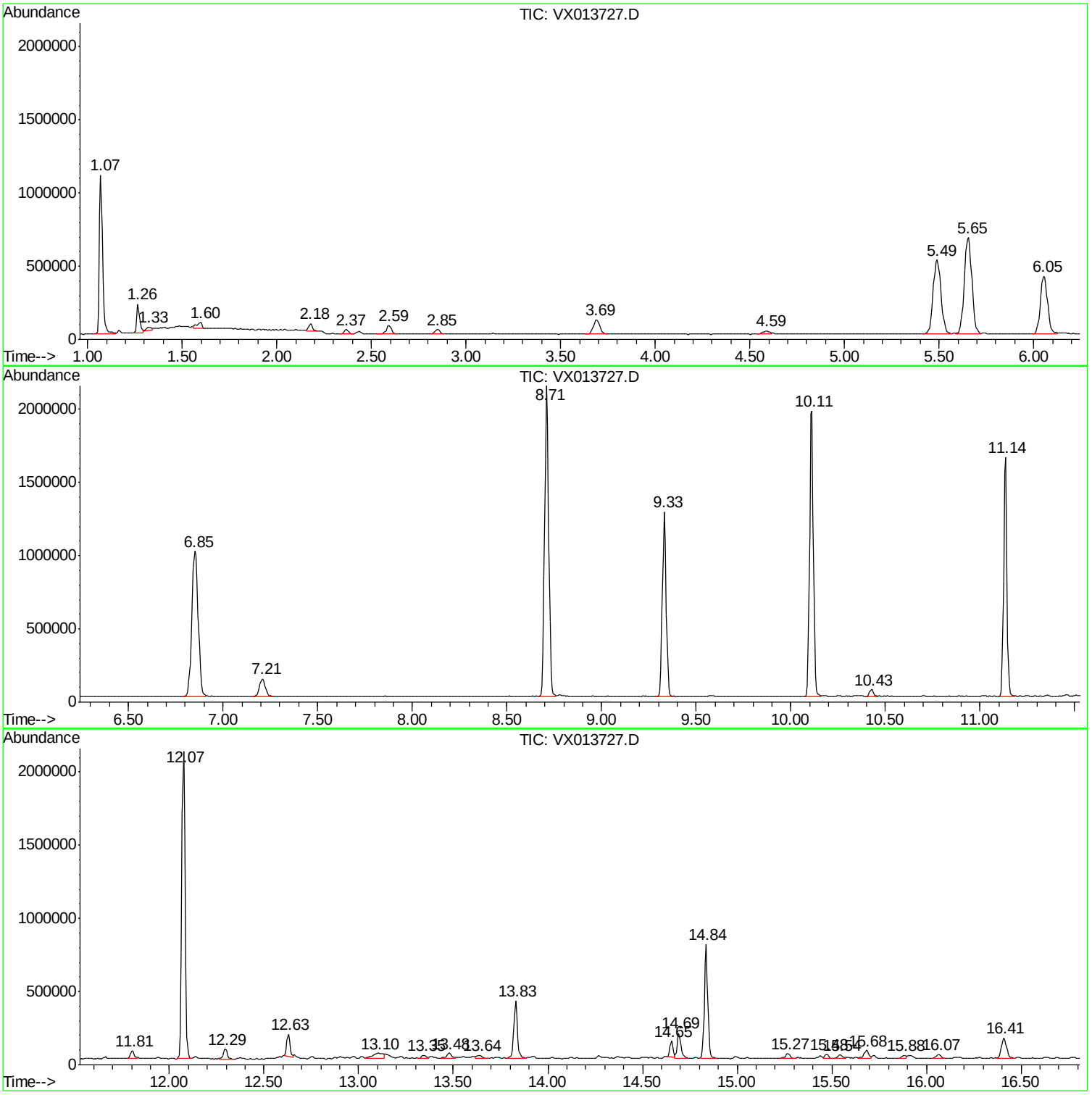
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GROUNDWATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120319\
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Acq On : 03 Dec 2019 16:11
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Instrument : MSVOA_X
ClientSampleId : GROUNDWATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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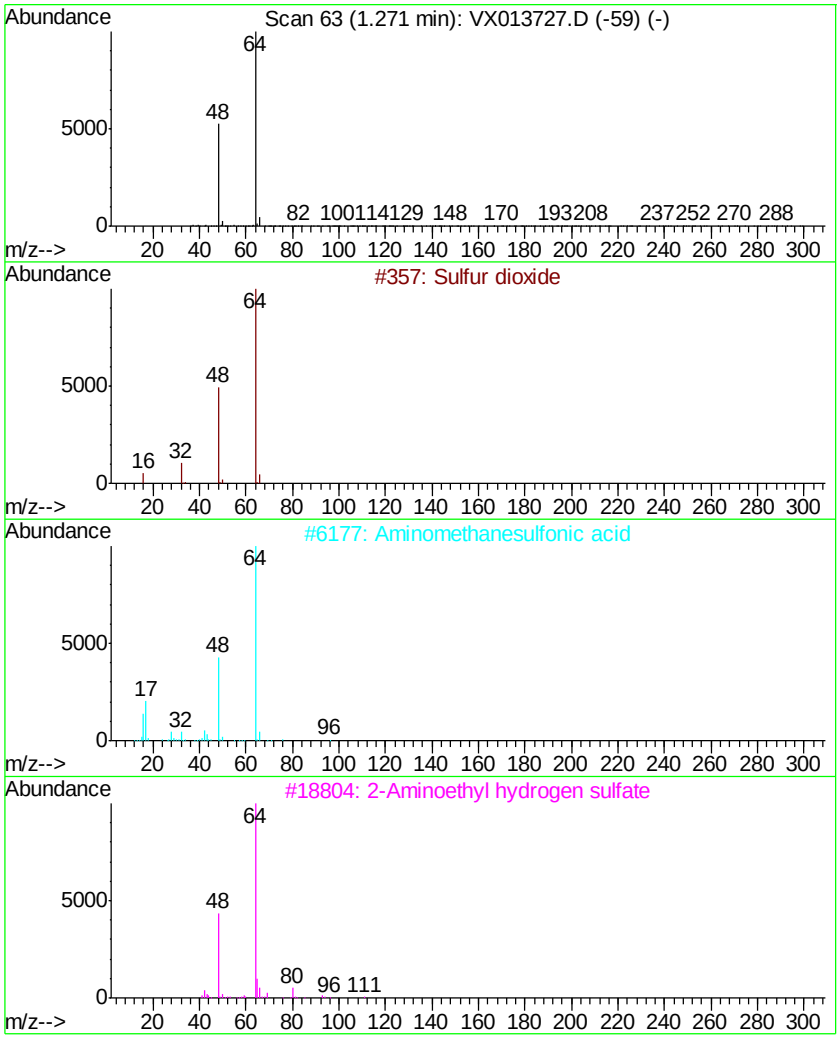
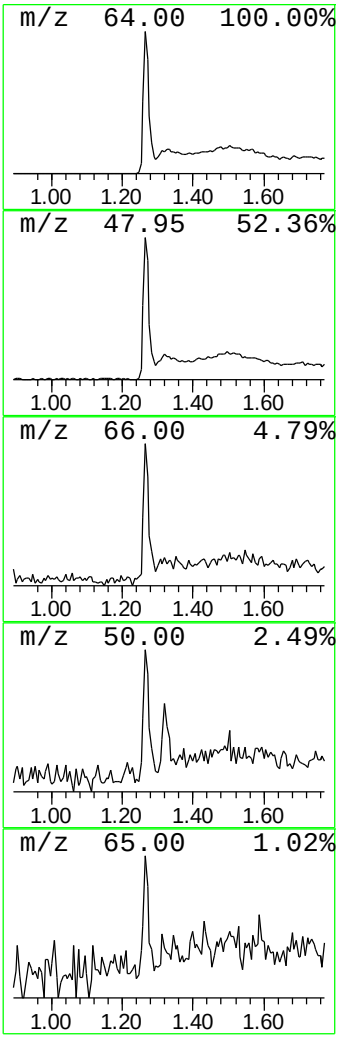
Peak Number 2 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.27	6.37 ug/l	231258	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	74
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	(N-(-2-Acetamido))-2-aminoethane...	182	C4H10N2O4S	007365-82-4	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120319\
Data File : VX013727.D
Acq On : 03 Dec 2019 16:11
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Instrument : MSVOA_X
ClientSampleId : GROUNDWATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

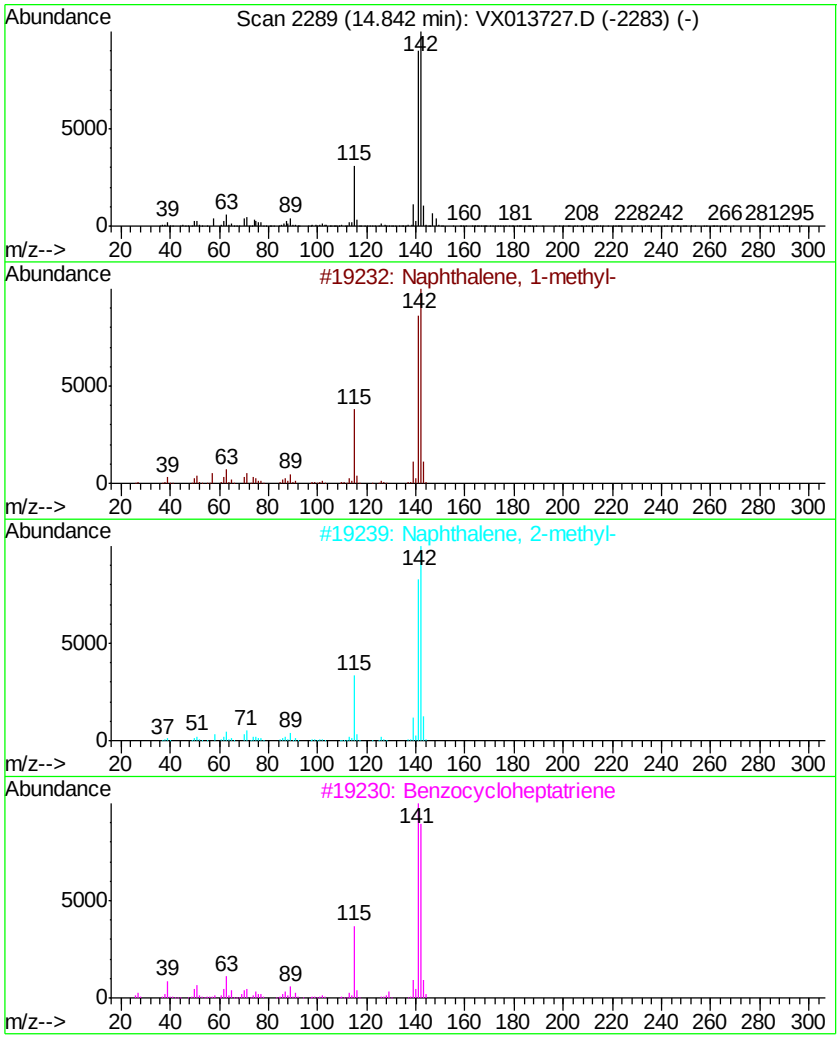
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

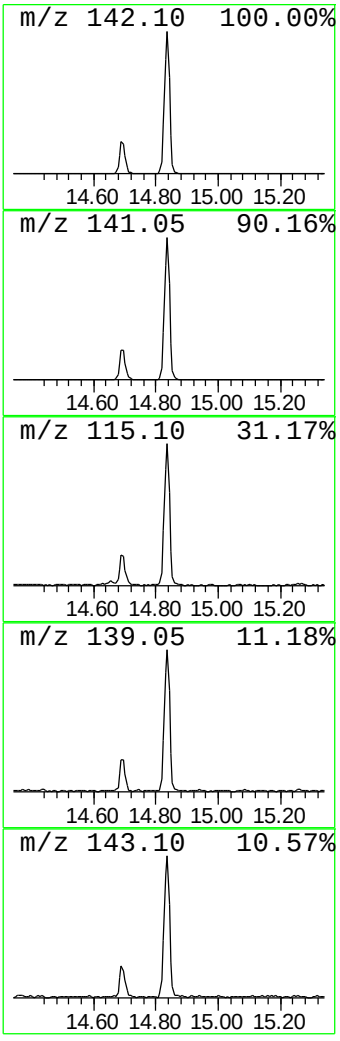
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	18.92 ug/l	972530	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Tentatively Identified Compound (LSC) summary

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ClientSampleId : GROUNDWATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.27	6.4	ug/l	231258	1	5.65	1815310	50.0
Naphthalene, 1-me...	14.84	18.9	ug/l	972530	4	12.07	2569910	50.0