LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060519\
Data File : VV011229.D
Acq On : 05 Jun 2019 15:03
Operator : SY/MD
Sample : K3197-01
Misc : 25ML/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P39

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR060419WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.116	5	8	26	rVB2	14953	18626	1.01%	0.249%
2	1.229	32	43	64	rBV	473422	1836642	100.00%	24.541%
3	1.422	100	103	126	rVB	93481	142571	7.76%	1.905%
4	1.579	146	152	166	rVB	89074	109197	5.95%	1.459%
5	2.123	313	321	332	rVB	187843	265435	14.45%	3.547%
6	3.987	884	901	929	rBV2	36498	182304	9.93%	2.436%
7	4.399	1009	1029	1051	rBV	111774	268491	14.62%	3.588%
8	5.090	1226	1244	1271	rBV2	277751	658781	35.87%	8.803%
9	5.663	1407	1422	1442	rBV	211024	435405	23.71%	5.818%
10	6.116	1549	1563	1587	rBV2	149669	309703	16.86%	4.138%
11	7.029	1835	1847	1862	rBV	76694	140179	7.63%	1.873%
12	7.357	1933	1949	1967	rBV	320088	574747	31.29%	7.680%
13	7.666	2035	2045	2058	rBV	44182	74228	4.04%	0.992%
14	8.138	2176	2192	2234	rBV	281672	602581	32.81%	8.052%
15	8.894	2415	2427	2451	rBV	312259	529750	28.84%	7.079%
16	10.260	2837	2852	2868	rBV	93796	156786	8.54%	2.095%
17	11.293	3159	3173	3195	rBV	282805	471877	25.69%	6.305%
18	11.575	3250	3261	3270	rBV4	22763	40282	2.19%	0.538%
19	11.672	3278	3291	3309	rVB	275335	450719	24.54%	6.023%
20	12.392	3505	3515	3530	rBV2	33677	59687	3.25%	0.798%
21	13.678	3905	3915	3927	rBV2	26610	42742	2.33%	0.571%
22	16.238	4699	4711	4731	rBV3	55460	113100	6.16%	1.511%

Sum of corrected areas: 7483833

LSC Report - Integrated Chromatogram

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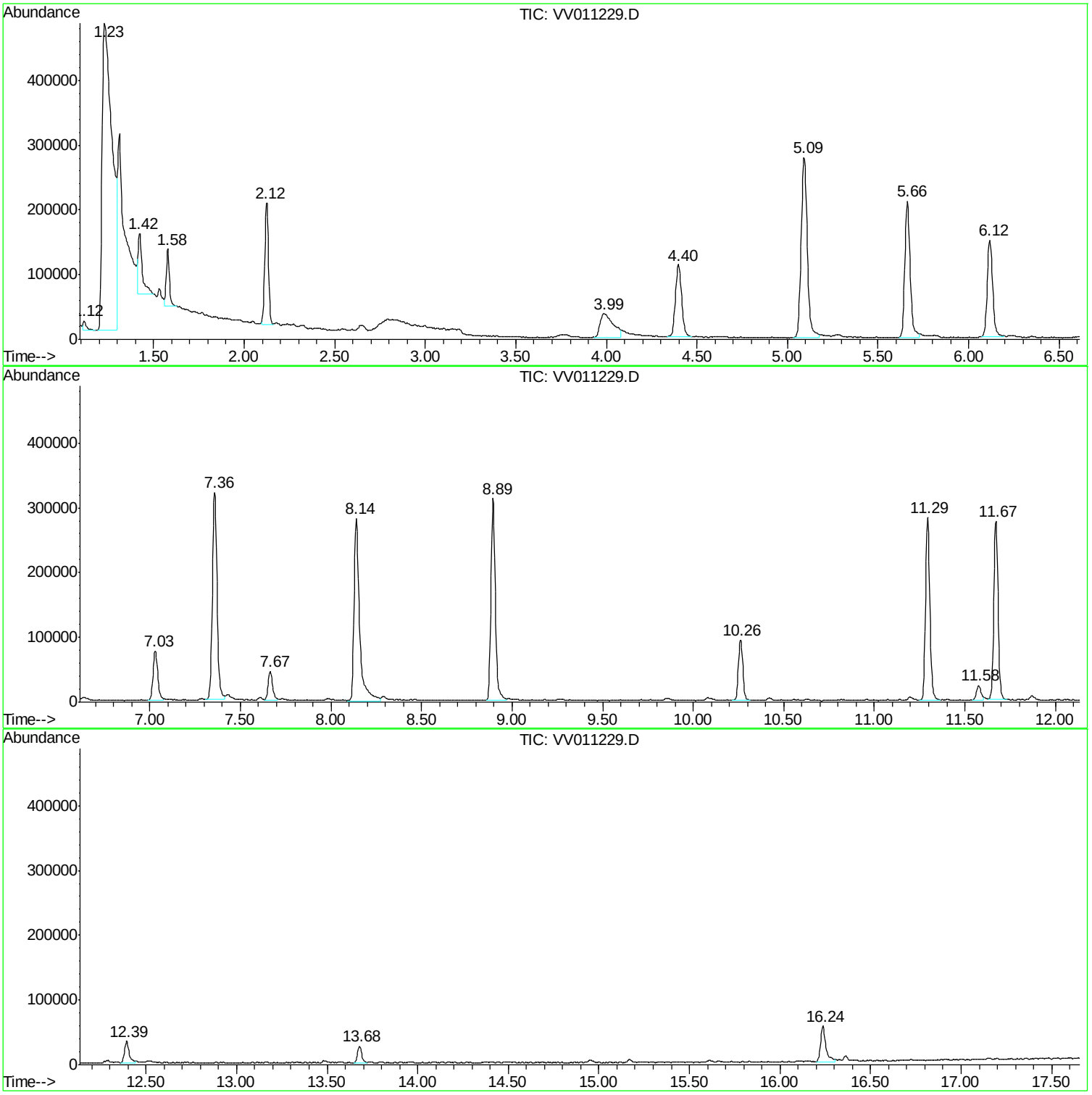
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P39

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060519\
Data File : VV011229.D
Acq On : 05 Jun 2019 15:03
Operator : SY/MD
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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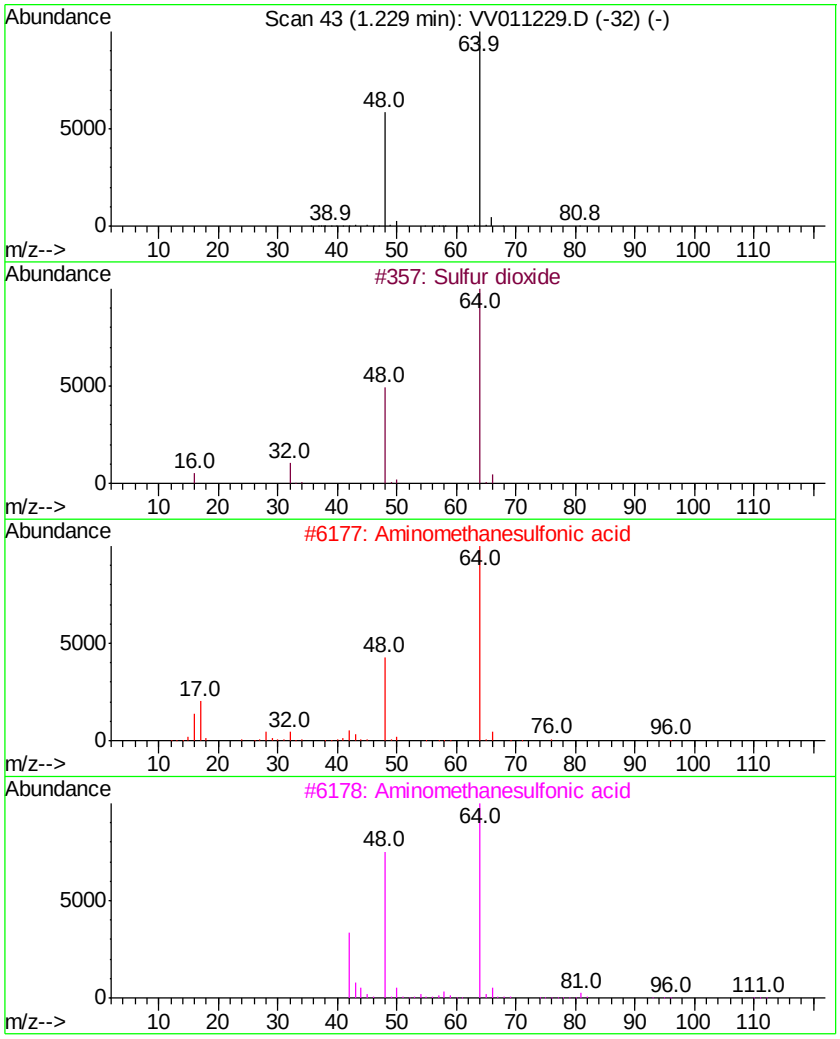
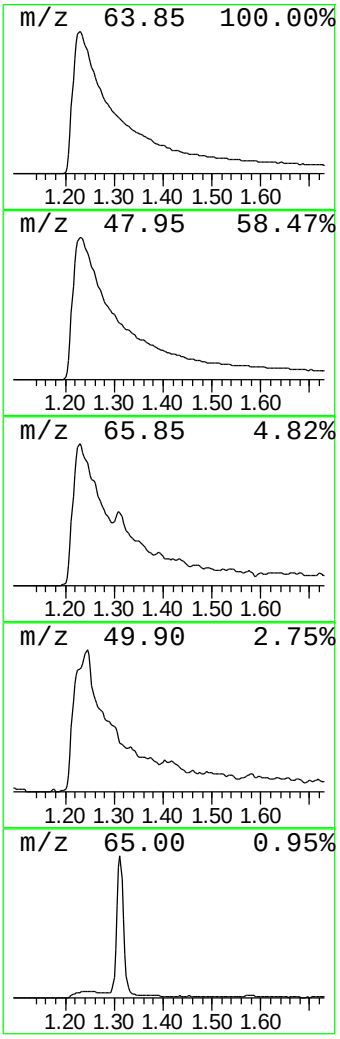
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	21.09 ug/L	1836640	1,4-Difluorobenzene	5.66

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	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	25
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Library Search Compound Report

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Data File : VV011229.D
Acq On : 05 Jun 2019 15:03
Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P39

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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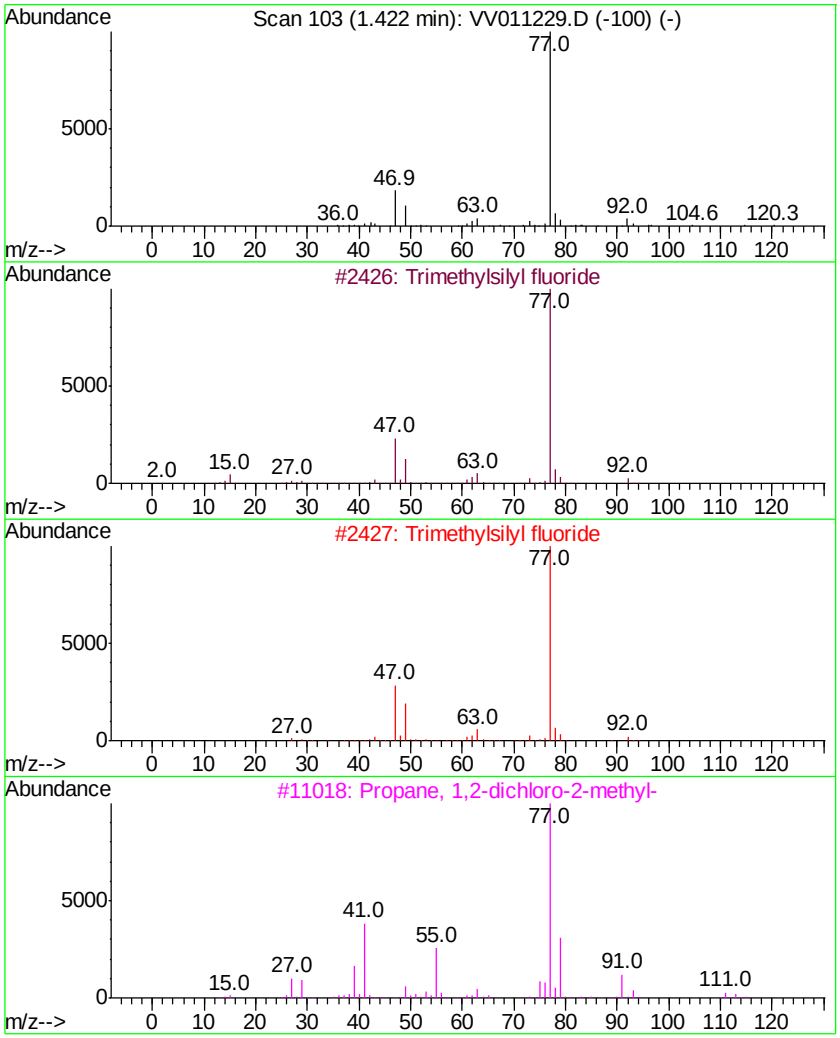
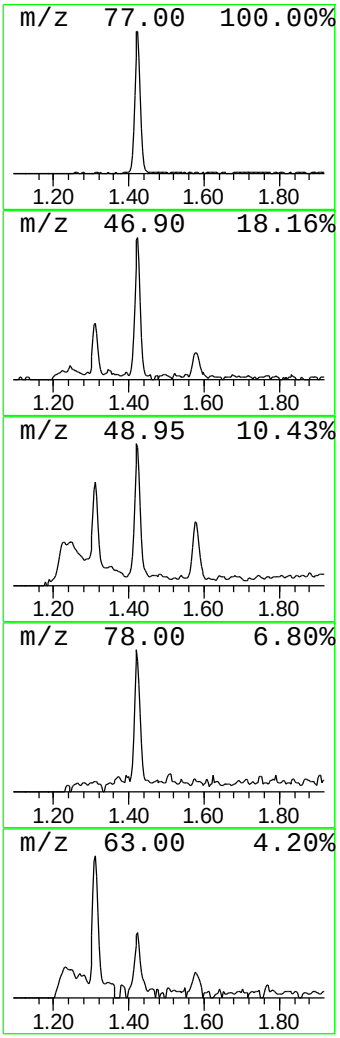
Peak Number 2 Trimethylsilyl fluoride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.42	1.64 ug/L	142571	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trimethylsilyl fluoride	92	C3H9FSi	000420-56-4	91
2	Trimethylsilyl fluoride	92	C3H9FSi	000420-56-4	90
3	Propane, 1,2-dichloro-2-methyl-	126	C4H8Cl2	000594-37-6	9
4	Trimethylphosphine oxide	92	C3H9OP	000676-96-0	4
5	Propane, 2-chloro-2-nitro-	123	C3H6ClNO2	000594-71-8	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060519\
Data File : VV011229.D
Acq On : 05 Jun 2019 15:03
Operator : SY/MD
Sample : K3197-01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P39

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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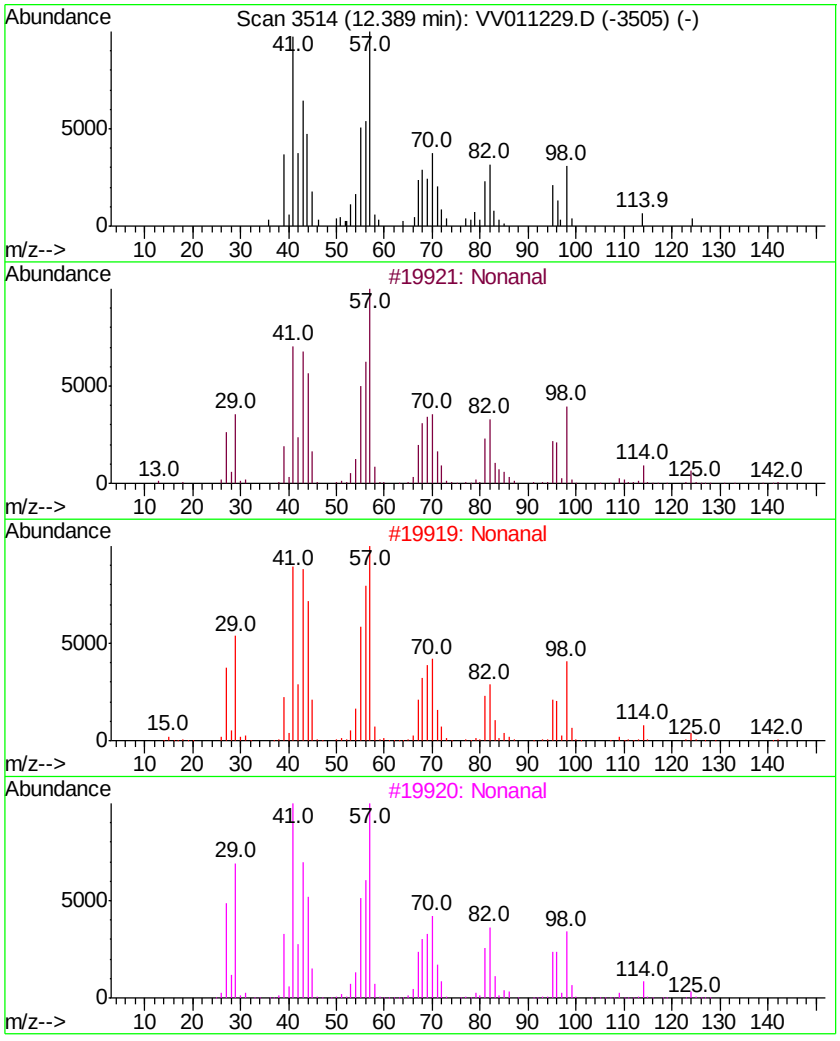
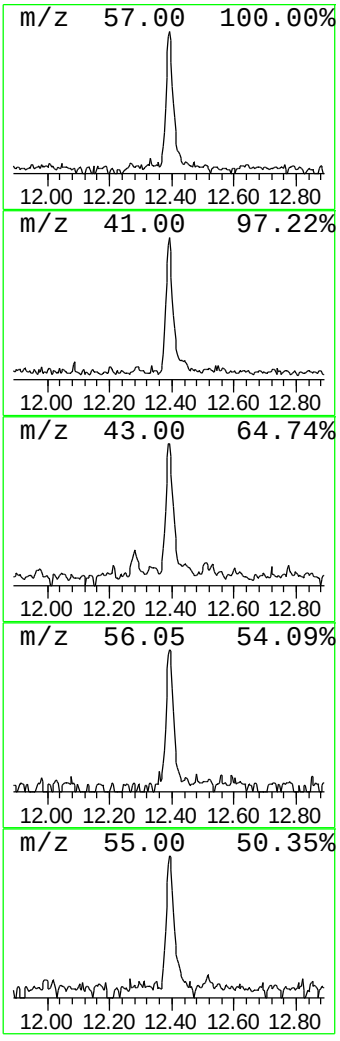
Peak Number 4 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	0.63 ug/L	59687	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	86
2	Nonanal	142	C9H18O	000124-19-6	80
3	Nonanal	142	C9H18O	000124-19-6	59
4	2-Nonen-1-ol	142	C9H18O	022104-79-6	38
5	2-Nonen-1-ol	142	C9H18O	022104-79-6	38





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Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P39

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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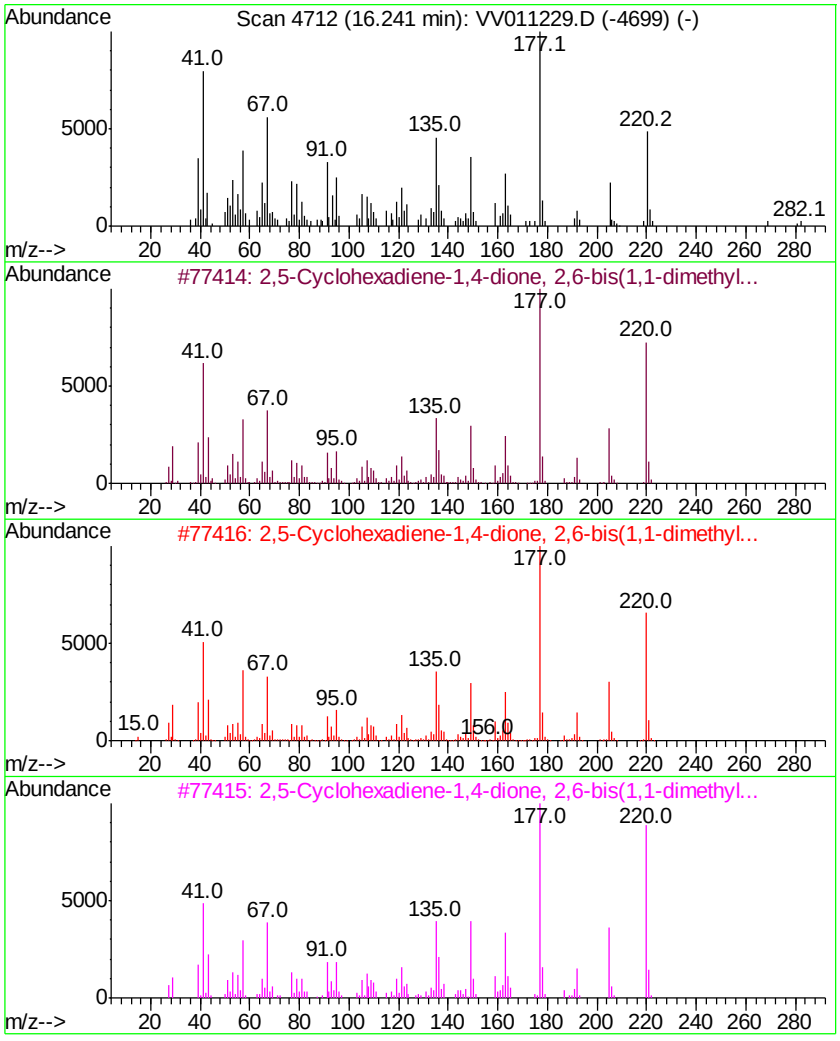
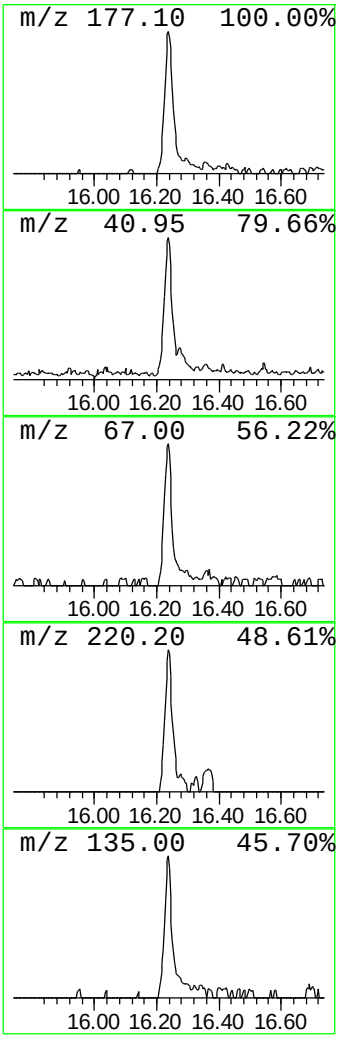
Peak Number 5 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	1.20 ug/L	113100	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	95
2	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	94
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	60
4	Thiocoumarine, 4,4,6,7-tetramethyl-	220	C13H16OS	1000128-90-2	35
5	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060519\
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Quant Title : TRACE VOA SOM01.0

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	1.23	21.1	ug/L	1836640	1	5.66	435405	5.0
Trimethylsilyl fl...	1.42	1.6	ug/L	142571	1	5.66	435405	5.0
Nonanal	12.39	0.6	ug/L	59687	3	11.29	471877	5.0
2,5-Cyclohexadien...	16.24	1.2	ug/L	113100	3	11.29	471877	5.0