LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007815.D
Acq On : 22 Dec 2018 00:10
Operator : SY/AP
Sample : J6377-19
Misc : 4.33G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD007-0006-01

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_W\METHOD\82W122118S.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	4.117	353	363	380	rBV	13909	37437	4.44%	1.482%
2	4.903	484	492	509	rBB3	3046	12122	1.44%	0.480%
3	7.171	851	864	875	rBV2	35176	103821	12.31%	4.110%
4	7.884	972	981	985	rBV2	29993	69215	8.21%	2.740%
5	7.945	985	991	1001	rVB2	59614	131028	15.54%	5.186%
6	8.305	1042	1050	1060	rVB	32094	72671	8.62%	2.877%
7	8.842	1128	1138	1149	rBB	87341	169686	20.13%	6.717%
8	9.281	1202	1210	1225	rBV	215188	406118	48.17%	16.075%
9	10.323	1373	1381	1388	rBV	84167	146790	17.41%	5.810%
10	10.707	1438	1444	1450	rBV3	6967	12306	1.46%	0.487%
11	10.969	1481	1487	1498	rBV	43009	68980	8.18%	2.730%
12	11.067	1498	1503	1508	rBV2	10657	17147	2.03%	0.679%
13	11.439	1558	1564	1571	rBB	8830	14261	1.69%	0.564%
14	11.634	1589	1596	1603	rVB	81351	137321	16.29%	5.436%
15	12.237	1688	1695	1704	rBV	558258	843104	100.00%	33.373%
16	12.317	1704	1708	1715	rVB	6697	10606	1.26%	0.420%
17	12.615	1750	1757	1765	rBB3	45877	79109	9.38%	3.131%
18	13.298	1864	1869	1879	rVB2	26702	42551	5.05%	1.684%
19	13.560	1906	1912	1920	rBV	42426	69418	8.23%	2.748%
20	14.231	2013	2022	2029	rBV	48012	73479	8.72%	2.909%
21	15.450	2216	2222	2226	rBV2	5738	9171	1.09%	0.363%

Sum of corrected areas: 2526341

LSC Report - Integrated Chromatogram

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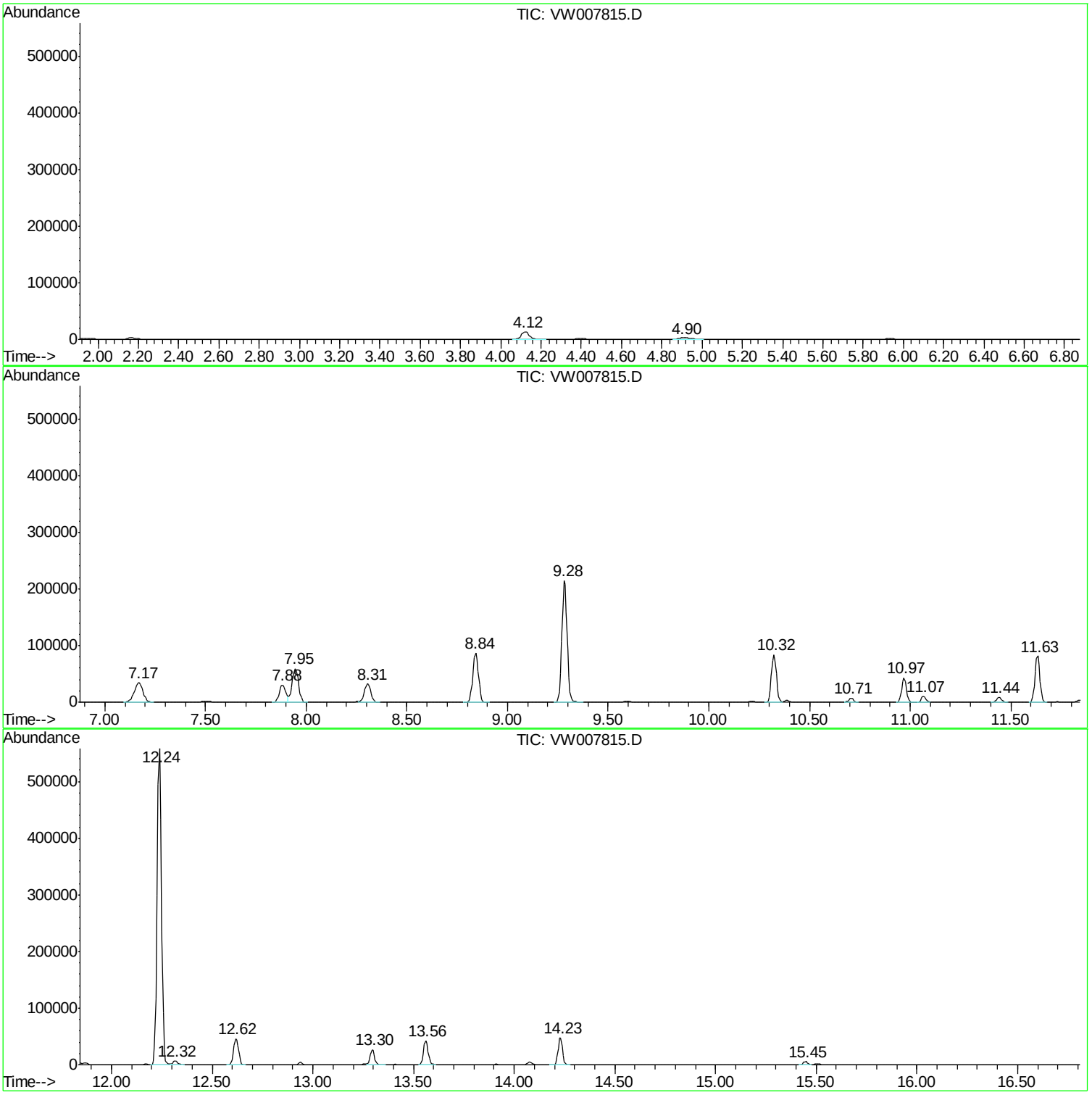
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SD007-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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



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Data File : VW007815.D
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Operator : SY/AP
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Instrument : MSVOA_W
ClientSampleId : P001-SD007-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

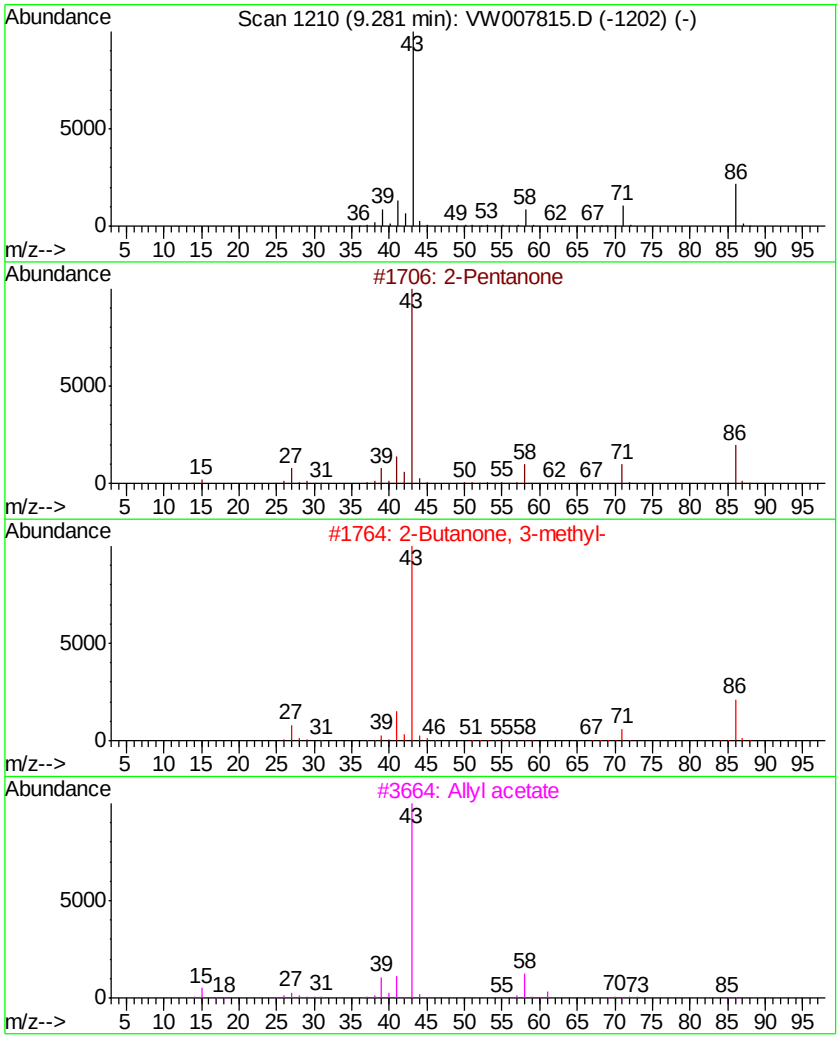
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

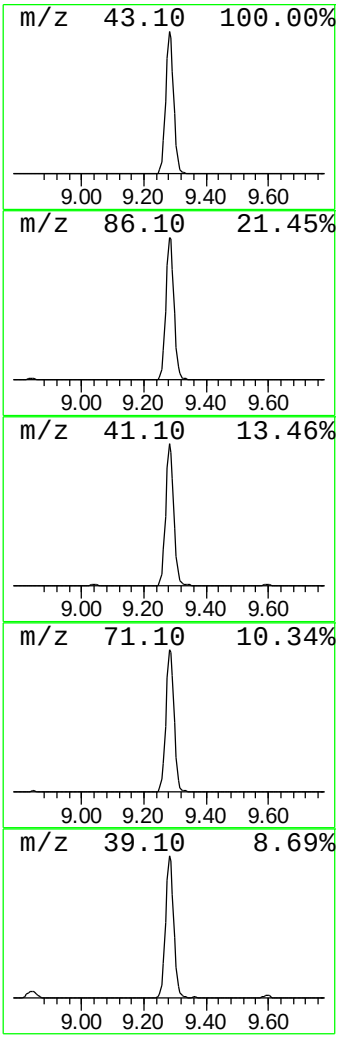
****

Peak Number 1 2-Pentanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	119.67 ug/l	406118	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	91
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	64
3	Allyl acetate	100	C5H8O2	000591-87-7	12
4	Butane	58	C4H10	000106-97-8	9
5	2,3-Butanedione	86	C4H6O2	000431-03-8	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007815.D
Acq On : 22 Dec 2018 00:10
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Sample : J6377-19
Misc : 4.33G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD007-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

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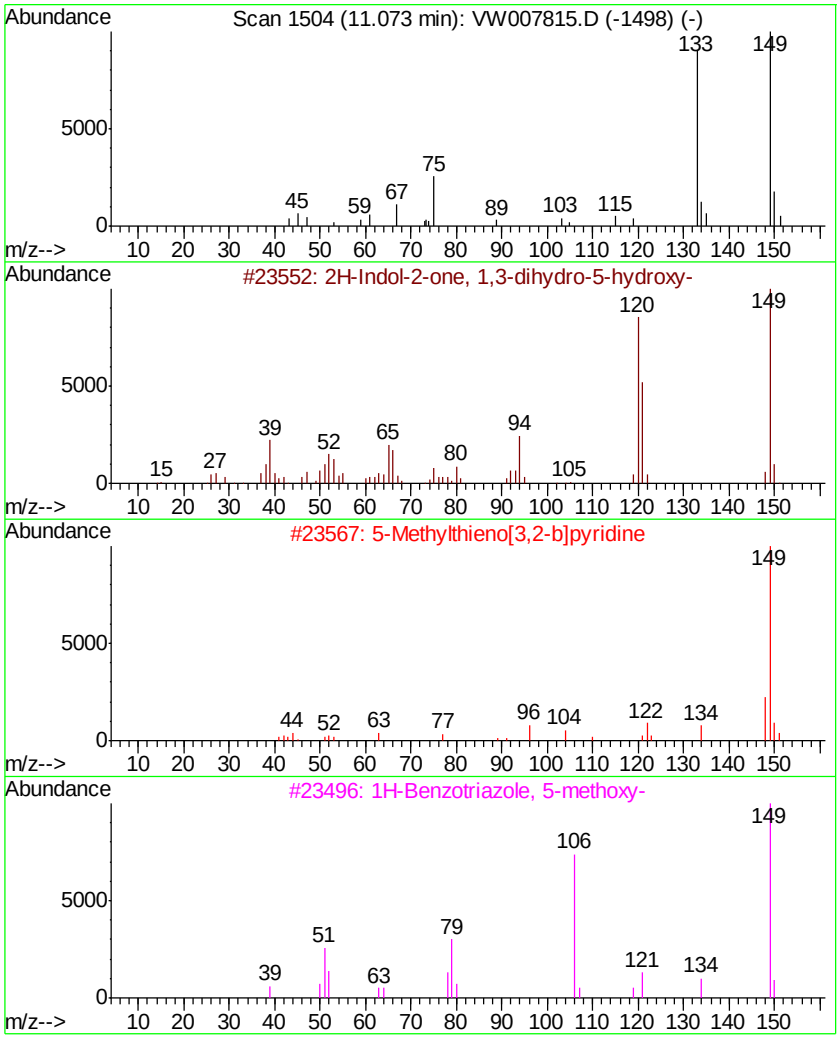
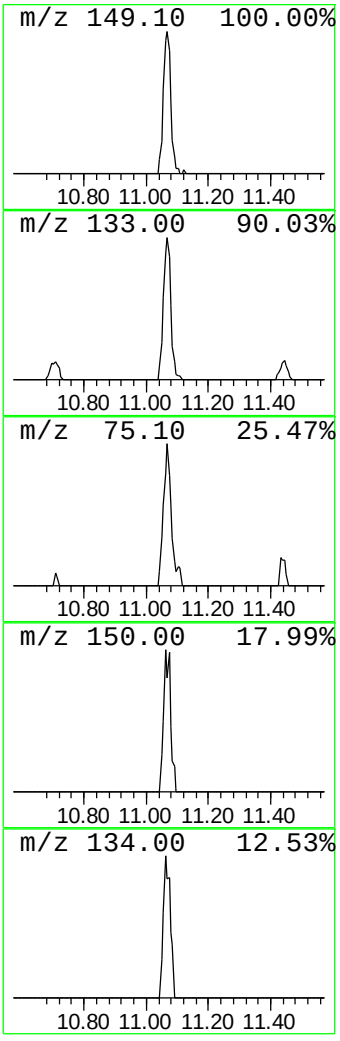
Peak Number 2 unknown11.07 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	6.24 ug/l	17147	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	25
2	5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	25
3	1H-Benzotriazole, 5-methoxy-	149	C7H7N3O	027799-91-3	25
4	4-Ethylbenzoic acid, 4-methylpen...	234	C15H22O2	1000293-49-7	17
5	4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	17





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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD007-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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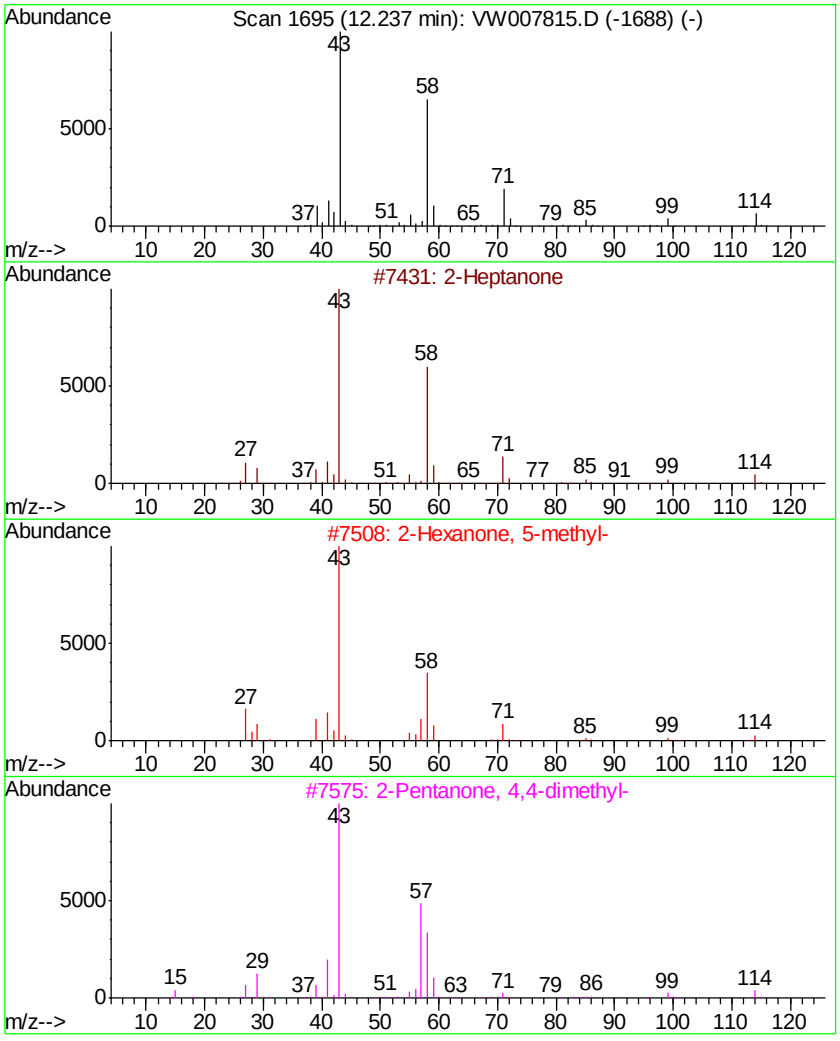
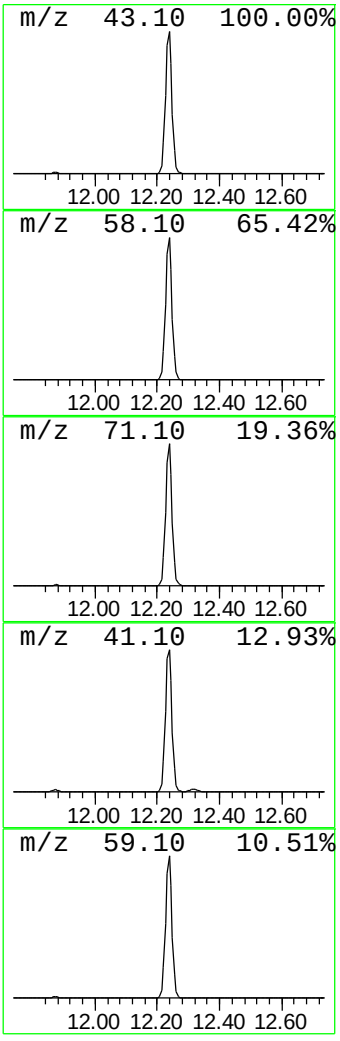
Peak Number 4 2-Heptanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	306.98 ug/l	843104	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	83
3	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	49
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	42
5	2-Nonanone	142	C9H18O	000821-55-6	36





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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD007-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

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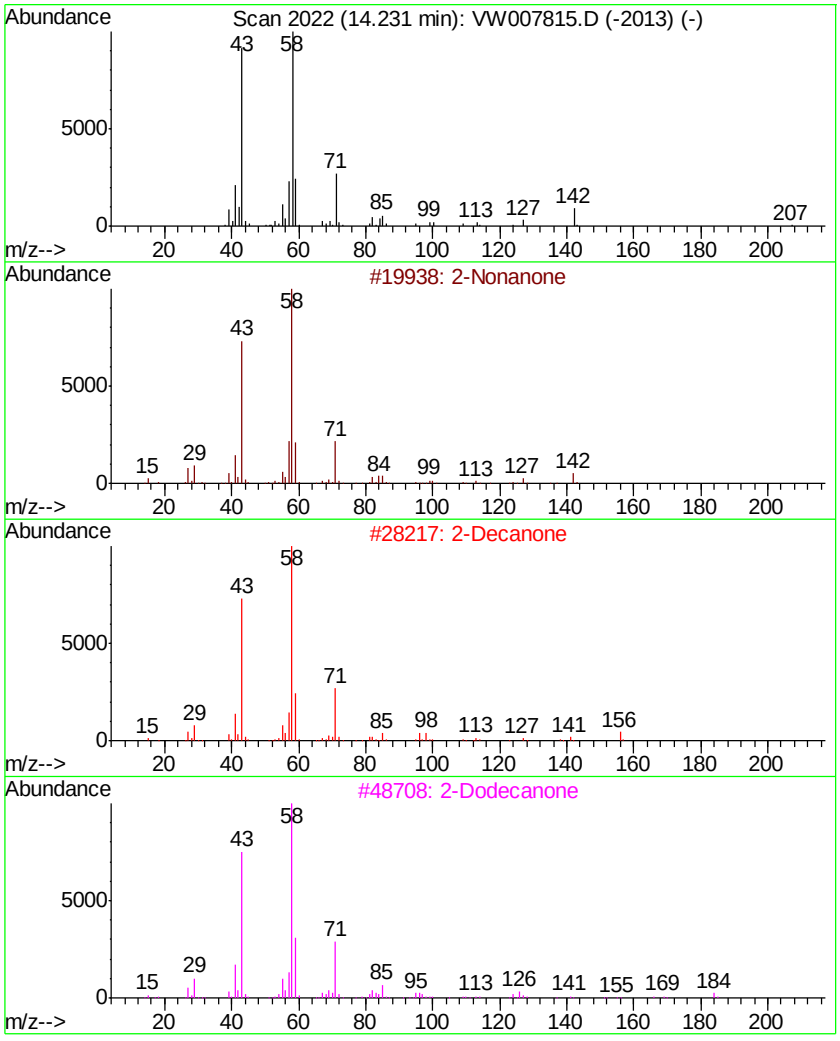
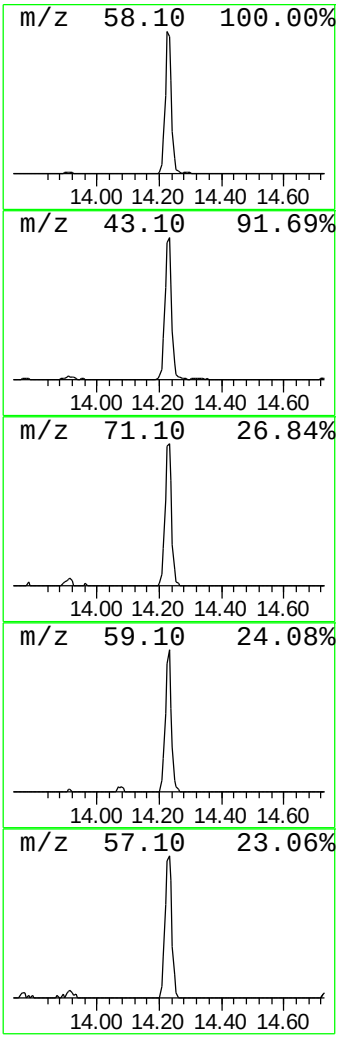
Peak Number 5 2-Nonanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	52.93 ug/l	73479	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone	142	C9H18O	000821-55-6	97
2	2-Decanone	156	C10H20O	000693-54-9	72
3	2-Dodecanone	184	C12H24O	006175-49-1	72
4	2-Octanone	128	C8H16O	000111-13-7	59
5	2,4(3H,5H)-Furandione, 5-hexyl-5...	198	C11H18O3	054852-79-8	56





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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD007-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

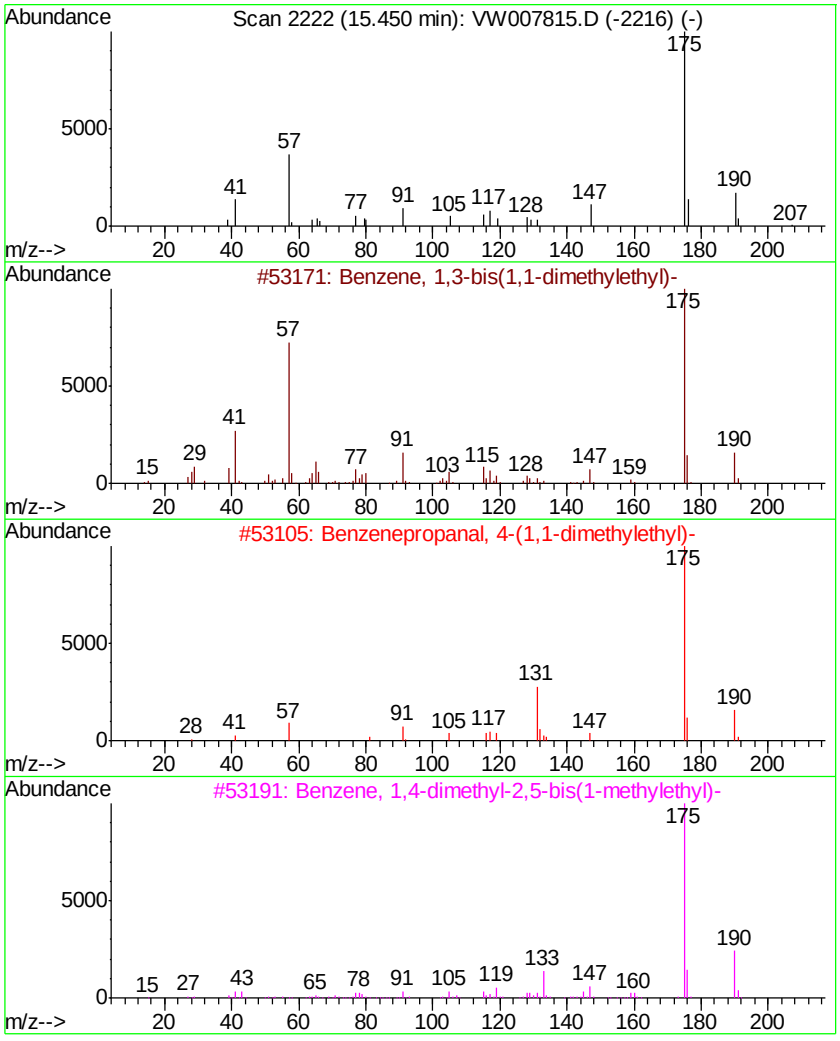
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

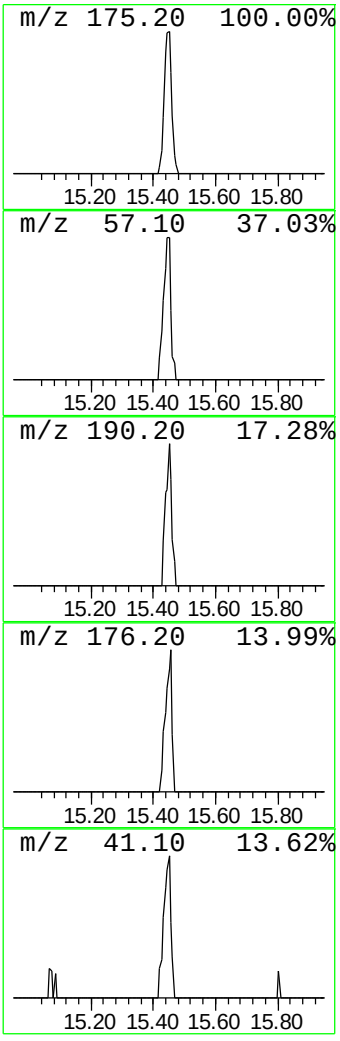
****

Peak Number 6 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	6.61 ug/l	9171	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
2	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	86
3	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	80
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80
5	Benzene, 1,3-diethyl-2,4,5,6-tet...	190	C14H22	033781-72-5	72





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone	9.28	119.7	ug/l	406118	2	8.84	169686	50.0
unknown11.07	11.07	6.2	ug/l	17147	3	11.63	137321	50.0
2-Heptanone	12.24	307.0	ug/l	843104	3	11.63	137321	50.0
2-Nonanone	14.23	52.9	ug/l	73479	4	13.56	69418	50.0
Benzene, 1,3-bis(...	15.45	6.6	ug/l	9171	4	13.56	69418	50.0