LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
Data File : VY003037.D
Acq On : 30 Jun 2020 16:04
Operator : SY/MD
Sample : L3153-28
Misc : 6.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SP2-G

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_Y\METHODS\82Y062920S.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	4.725	478	490	503	rBV2	77882	247485	12.99%	2.029%
2	7.724	971	982	988	rBV2	278849	660480	34.67%	5.416%
3	7.797	988	994	1008	rVB	440566	997039	52.33%	8.175%
4	8.151	1040	1052	1062	rBV	261683	571333	29.99%	4.685%
5	8.693	1133	1141	1153	rBV	667513	1321516	69.36%	10.836%
6	10.181	1378	1385	1393	rBV	1065770	1807171	94.85%	14.818%
7	10.589	1447	1452	1455	rBV2	13818	28469	1.49%	0.233%
8	11.394	1576	1584	1585	rBV3	48412	92976	4.88%	0.762%
9	11.492	1594	1600	1620	rVB	1072306	1905311	100.00%	15.623%
10	12.479	1756	1762	1776	rVB	842253	1386870	72.79%	11.372%
11	12.754	1804	1807	1811	rBV	37211	54656	2.87%	0.448%
12	12.851	1820	1823	1838	rVB	117106	237944	12.49%	1.951%
13	13.089	1853	1862	1875	rVB6	129123	573464	30.10%	4.702%
14	13.314	1888	1899	1911	rBV6	40918	213908	11.23%	1.754%
15	13.424	1911	1917	1923	rBV	1008095	1590440	83.47%	13.041%
16	14.461	2083	2087	2106	rVB3	83393	265965	13.96%	2.181%
17	15.302	2220	2225	2237	rVB7	59740	196811	10.33%	1.614%
18	16.485	2413	2419	2424	rBV10	16912	43990	2.31%	0.361%

Sum of corrected areas: 12195828

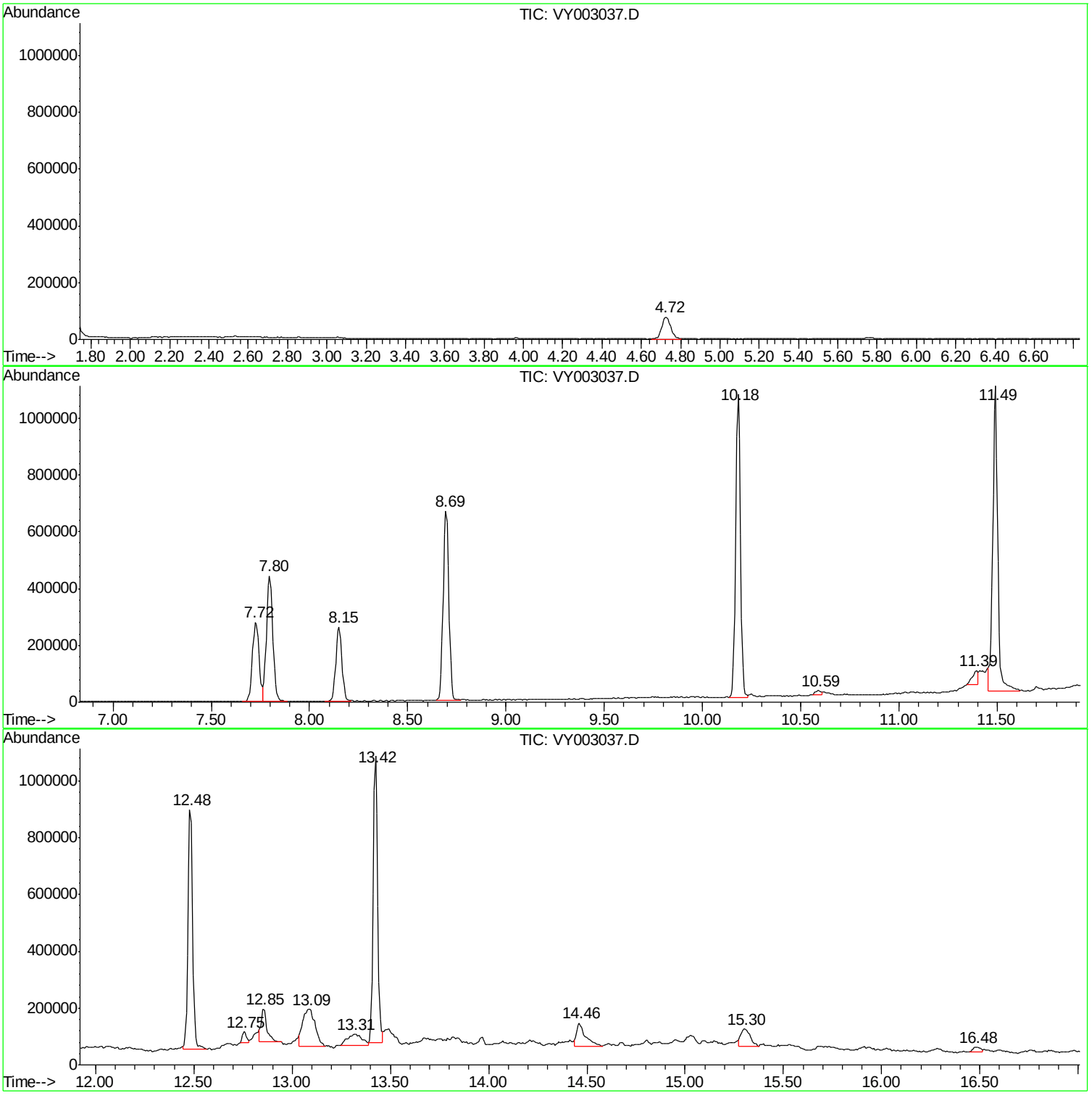
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY063020\
Data File : VY003037.D
Acq On : 30 Jun 2020 16:04
Operator : SY/MD
Sample : L3153-28
Misc : 6.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SP2-G

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY063020\
Data File : VY003037.D
Acq On : 30 Jun 2020 16:04
Operator : SY/MD
Sample : L3153-28
Misc : 6.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SP2-G

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

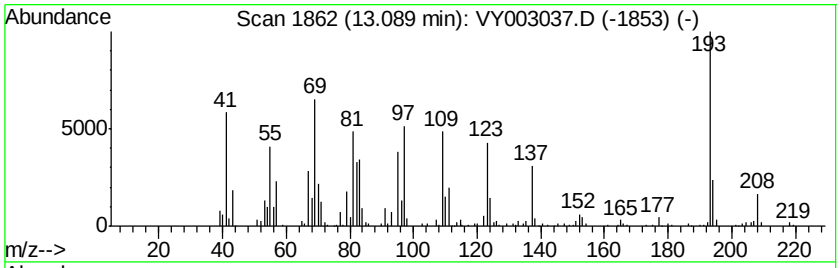
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

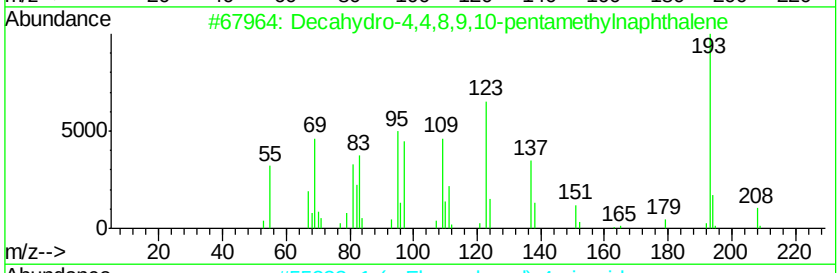
****

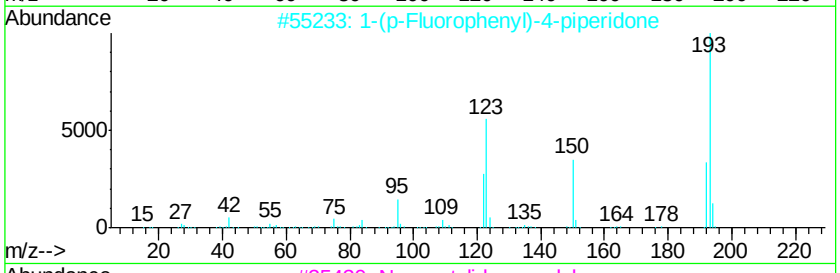
Peak Number 1 Decahydro-4,4,8,9,10-pentam... Concentration Rank 1

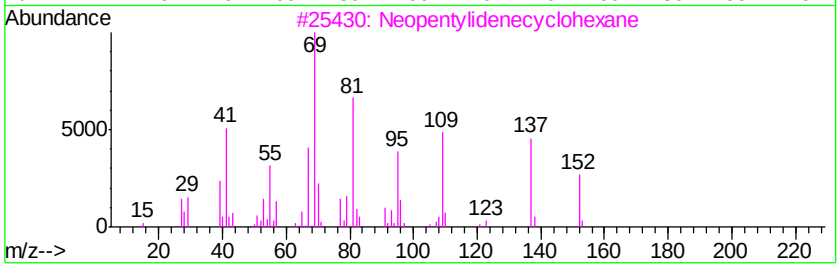
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	18.03 ug/l	573464	1,4-Dichlorobenzene-d4	13.42

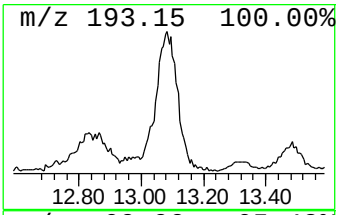
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	87
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
3	Neopentylidenecyclohexane	152	C11H20	039546-80-0	35
4	1-Bromo-1-methyl-1-silacyclohexane	192	C6H13BrSi	085125-32-2	25
5	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	25

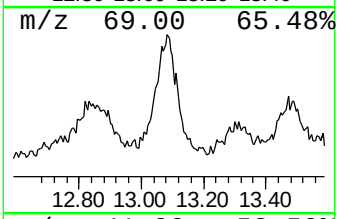


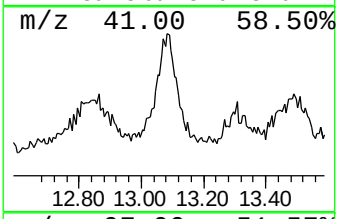


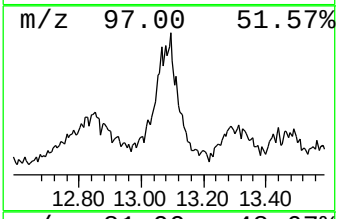


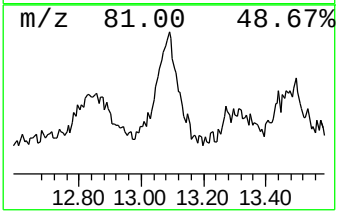












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY063020\
Data File : VY003037.D
Acq On : 30 Jun 2020 16:04
Operator : SY/MD
Sample : L3153-28
Misc : 6.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SP2-G

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

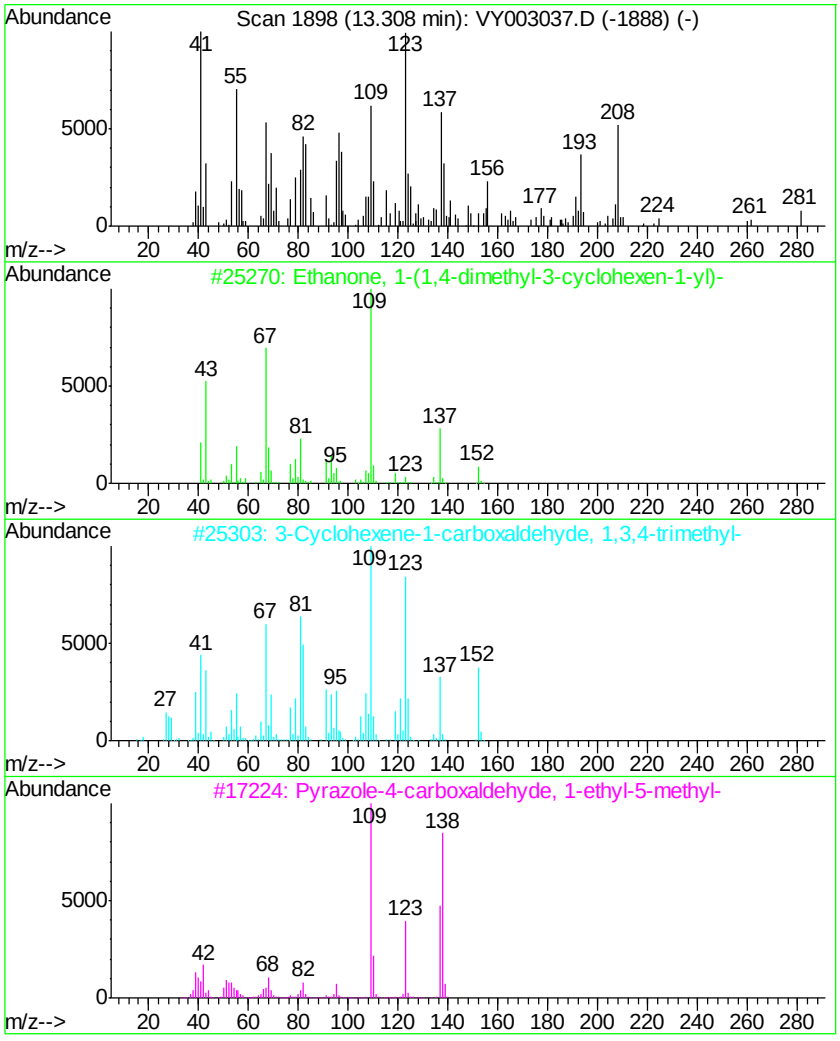
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

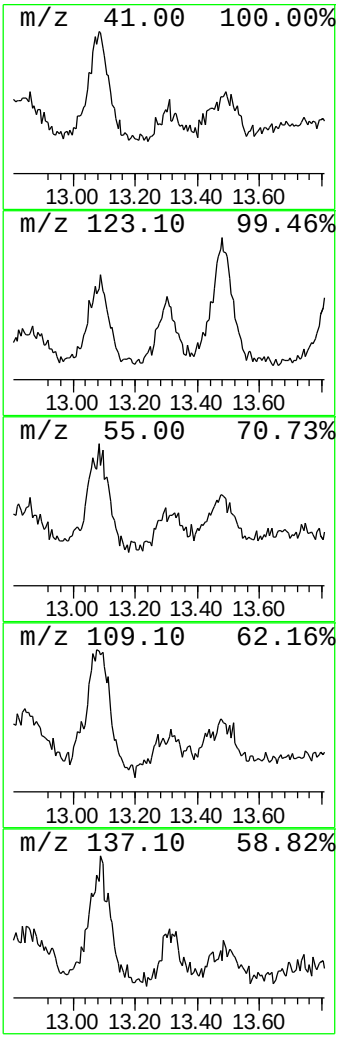
****

Peak Number 2 unknown13.31 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	6.72 ug/l	213908	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	30
2	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	30
3	Pyrazole-4-carboxaldehyde, 1-eth...	138	C7H10N2O	1000273-81-2	14
4	2(5H)-Furanone, 4-methyl-3,5-bis...	206	C13H18O2	089902-26-1	14
5	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	11





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY063020\
Data File : VY003037.D
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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SP2-G

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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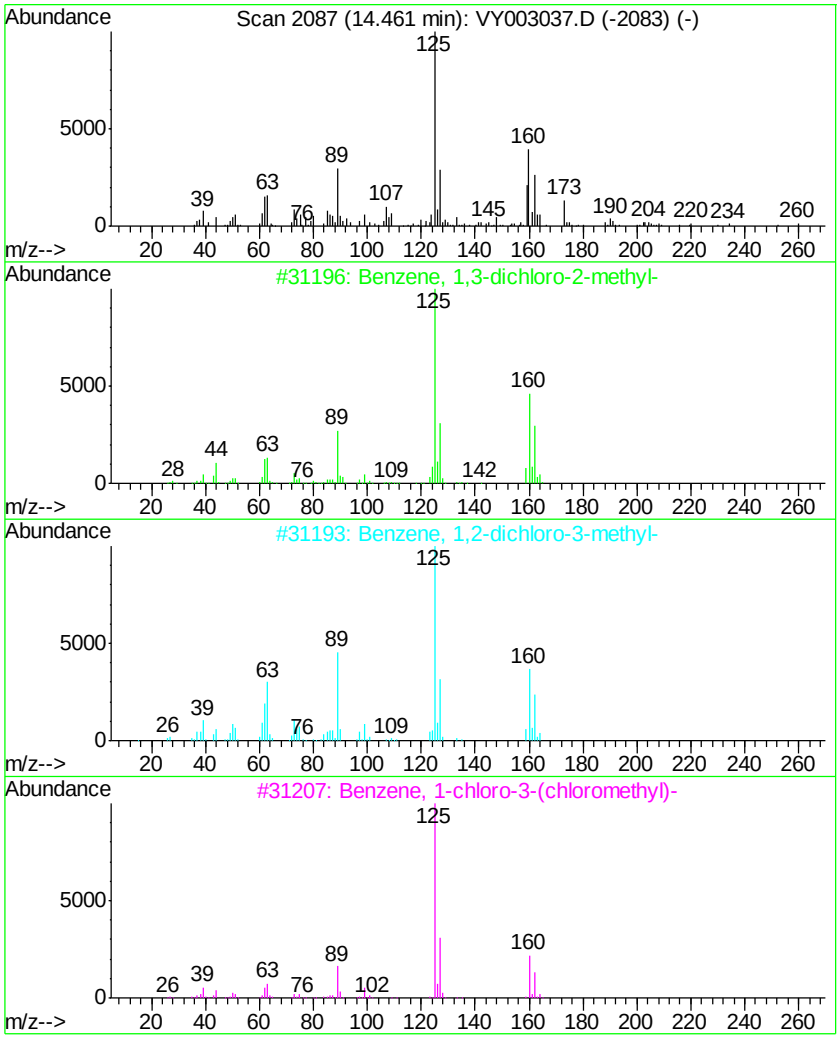
TIC Integration Parameters: LSCINT.P

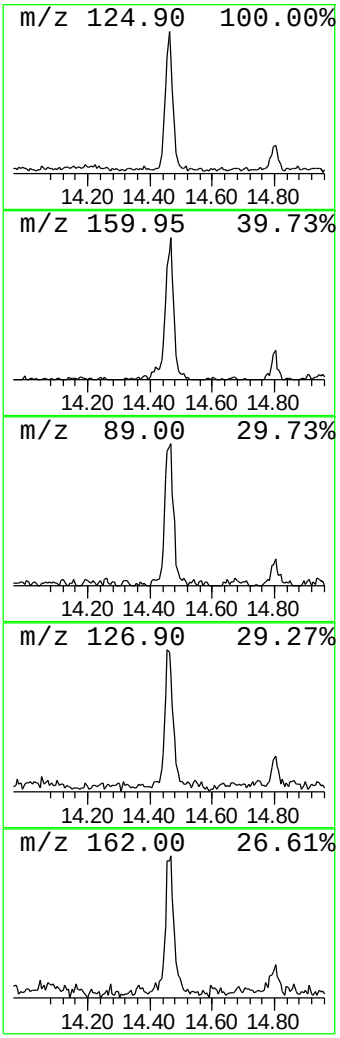
****

Peak Number 3 Benzene, 1,3-dichloro-2-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	8.36 ug/l	265965	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	95
2	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	94
3	Benzene, 1-chloro-3-(chloromethyl)-	160	C7H6Cl2	000620-20-2	94
4	Benzene, 1-chloro-2-(chloromethyl)-	160	C7H6Cl2	000611-19-8	93
5	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	91





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Operator : SY/MD
Sample : L3153-28
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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SP2-G

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

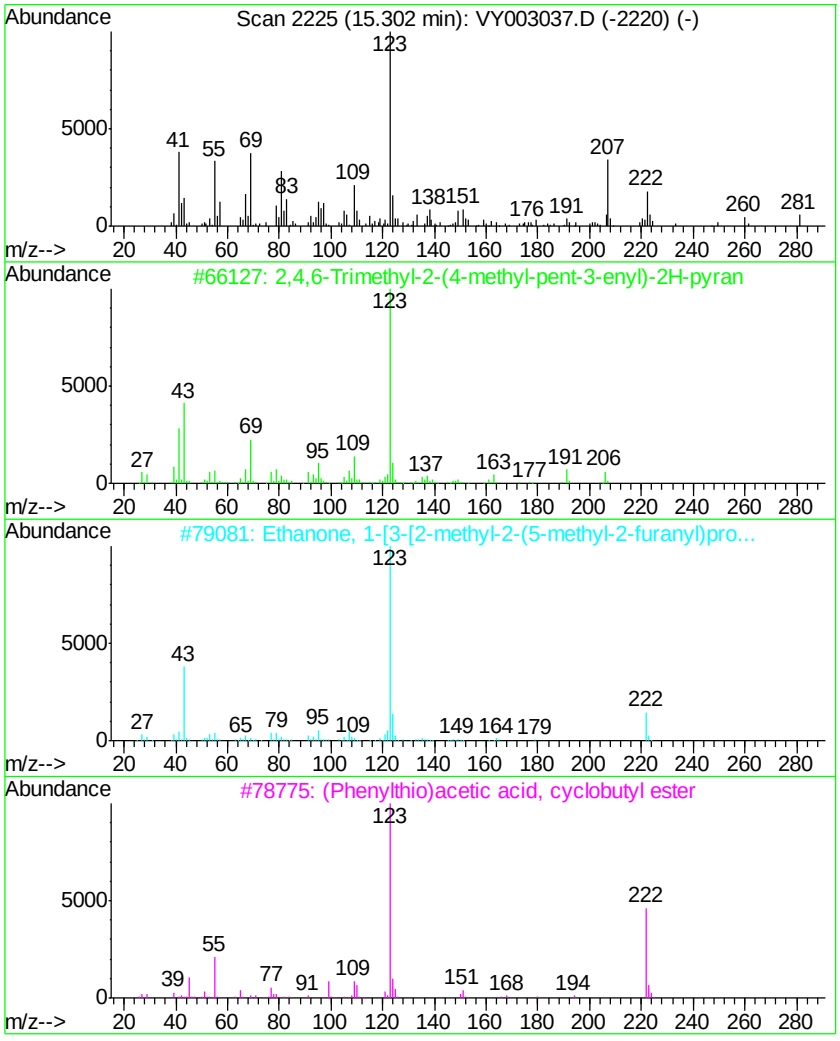
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

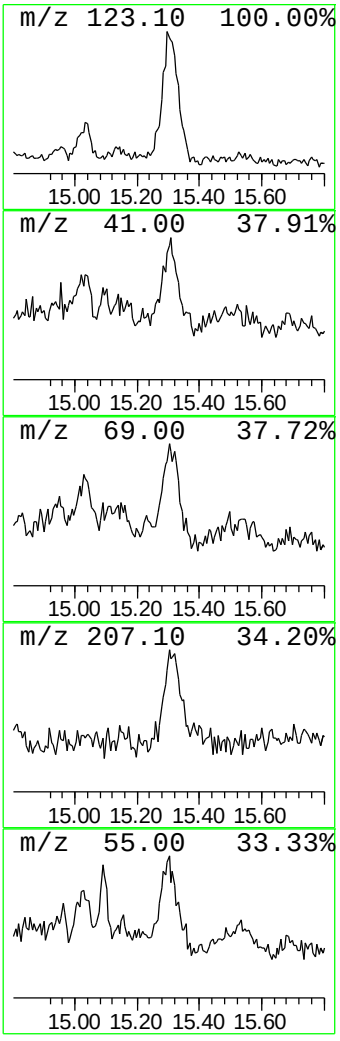
****

Peak Number 4 2,4,6-Trimethyl-2-(4-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	6.19 ug/l	196811	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethyl-2-(4-methyl-pent...	206	C14H22O	1000193-58-6	52
2	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	47
3	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	47
4	Ethanone, 1-[2-methyl-5-(1-methy...	166	C11H18O	074063-72-2	47
5	3-Bromomethyl-3,6,6-trimethyl-cy...	216	C10H17Br	1000185-63-8	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY063020\
Data File : VY003037.D
Acq On : 30 Jun 2020 16:04
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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
Decahydro-4,4,8,9...	13.09	18.0	ug/l	573464	4	13.42	1590440	50.0
unknown13.31	13.31	6.7	ug/l	213908	4	13.42	1590440	50.0
Benzene, 1,3-dich...	14.46	8.4	ug/l	265965	4	13.42	1590440	50.0
2,4,6-Trimethyl-2...	15.30	6.2	ug/l	196811	4	13.42	1590440	50.0