LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
Data File : VY005568.D
Acq On : 06 Aug 2021 13:09
Operator : SY/MD
Sample : M3293-03
Misc : 5.04G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 20071

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\82Y080221S.M
Title : SW846 8260

Signal : TIC: VY005568.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.223	60	66	76	rBV	12194	23446	1.71%	1.212%
2	7.728	960	969	974	rBV2	11400	28148	2.06%	1.455%
3	7.795	974	980	989	rVB	29910	67783	4.96%	3.504%
4	8.149	1026	1038	1047	rVB3	10590	29791	2.18%	1.540%
5	8.697	1120	1128	1137	rBV	36826	72344	5.29%	3.740%
6	8.941	1161	1168	1177	rBV3	7842	15747	1.15%	0.814%
7	10.185	1364	1372	1378	rBV	33827	58714	4.29%	3.035%
8	10.721	1448	1460	1470	rBV	825875	1367569	100.00%	70.700%
9	11.489	1580	1586	1593	rBV	14423	25878	1.89%	1.338%
10	11.709	1614	1622	1632	rBV6	5844	17681	1.29%	0.914%
11	12.489	1743	1750	1755	rBV3	10086	17458	1.28%	0.903%
12	12.745	1784	1792	1797	rBV9	5408	17118	1.25%	0.885%
13	12.806	1797	1802	1808	rVV5	10581	19612	1.43%	1.014%
14	13.123	1849	1854	1858	rBV3	8086	13940	1.02%	0.721%
15	13.428	1901	1904	1913	rVB6	8774	22159	1.62%	1.146%
16	13.751	1951	1957	1963	rBV5	17236	33398	2.44%	1.727%
17	14.135	2015	2020	2027	rVV7	8441	17666	1.29%	0.913%
18	14.263	2036	2041	2042	rBV4	11819	19171	1.40%	0.991%
19	14.391	2056	2062	2065	rBV2	8075	15671	1.15%	0.810%
20	14.477	2071	2076	2082	rVB9	7343	16324	1.19%	0.844%
21	14.678	2104	2109	2115	rBV3	9588	20403	1.49%	1.055%
22	14.733	2115	2118	2124	rVB7	9168	14302	1.05%	0.739%

Sum of corrected areas: 1934323

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
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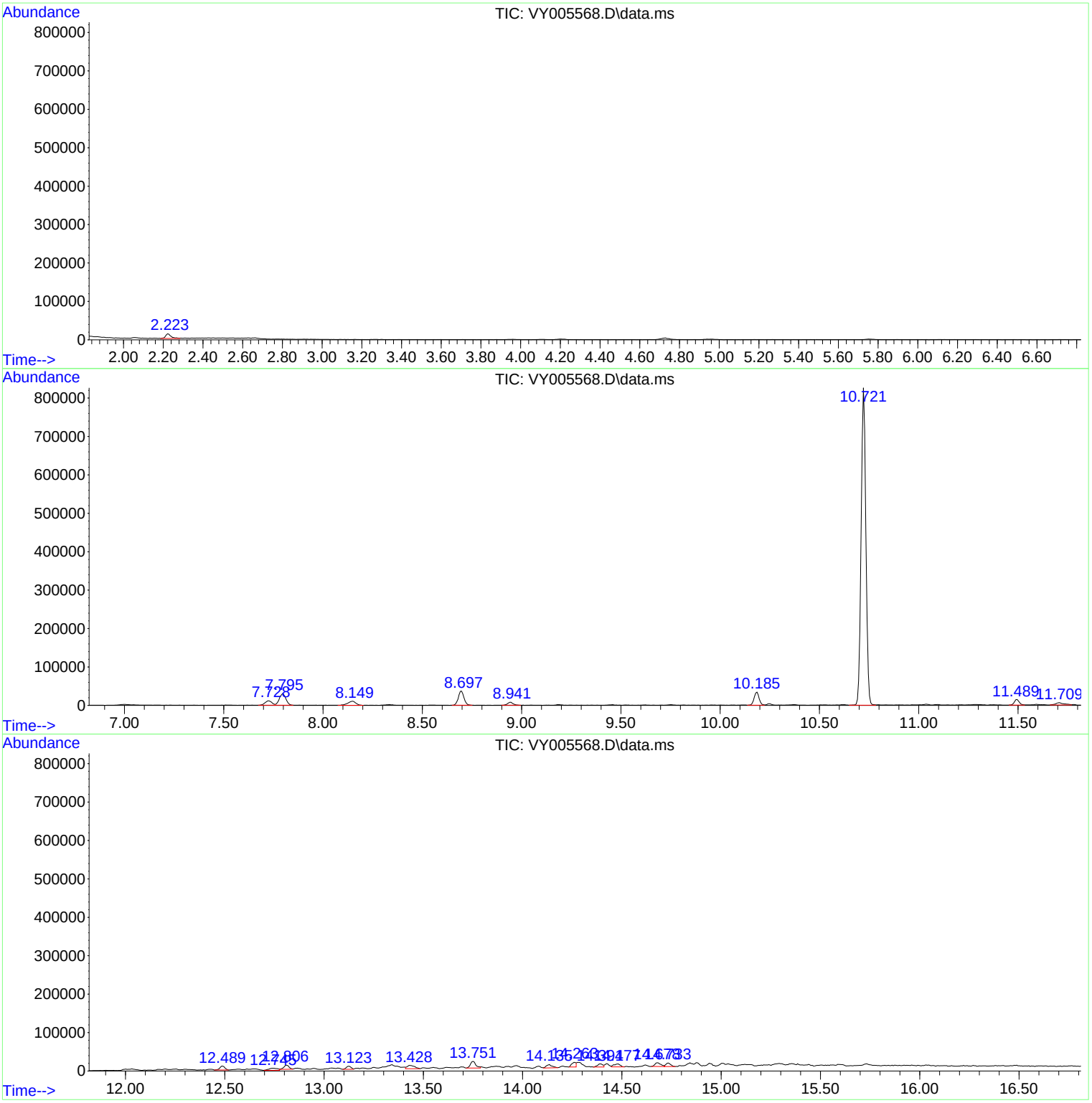
Misc : 5.04G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
Data File : VY005568.D
Acq On : 06 Aug 2021 13:09
Operator : SY/MD
Sample : M3293-03
Misc : 5.04G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

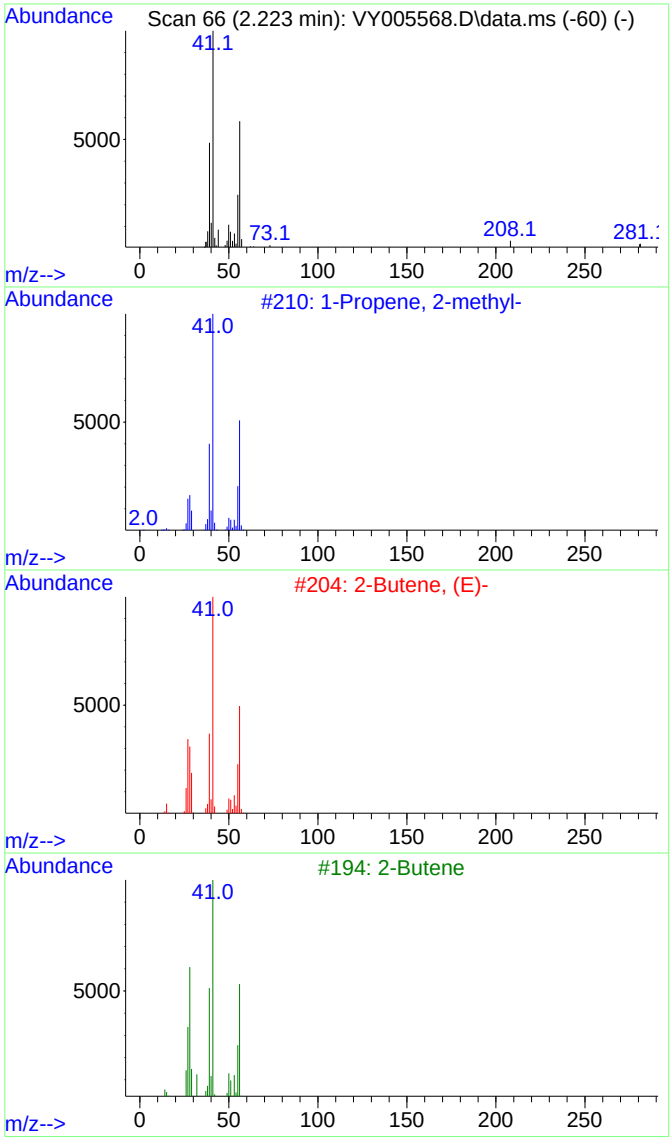
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

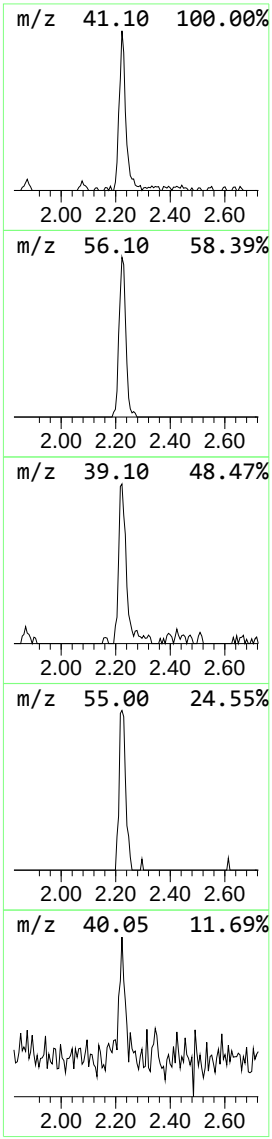
****

Peak Number 1 1-Propene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.223	17.29 ug/l	23446	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	81
2	2-Butene, (E)-	56	C4H8	000624-64-6	72
3	2-Butene	56	C4H8	000107-01-7	72
4	2-Butene, (Z)-	56	C4H8	000590-18-1	72
5	1-Butene	56	C4H8	000106-98-9	52





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Data File : VY005568.D
Acq On : 06 Aug 2021 13:09
Operator : SY/MD
Sample : M3293-03
Misc : 5.04G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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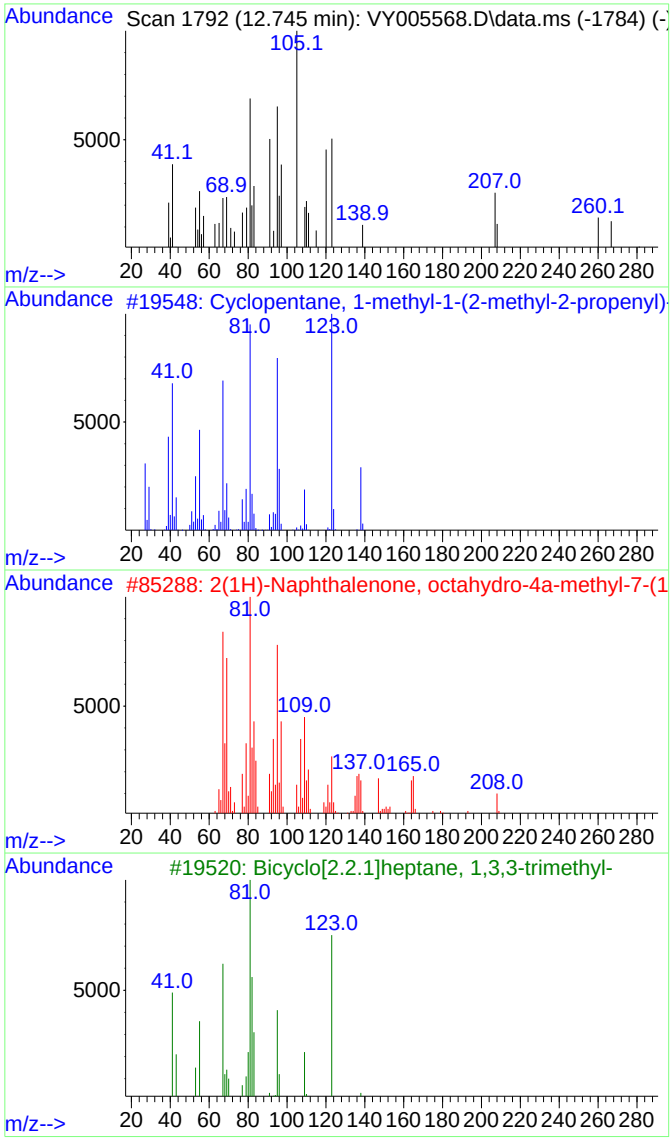
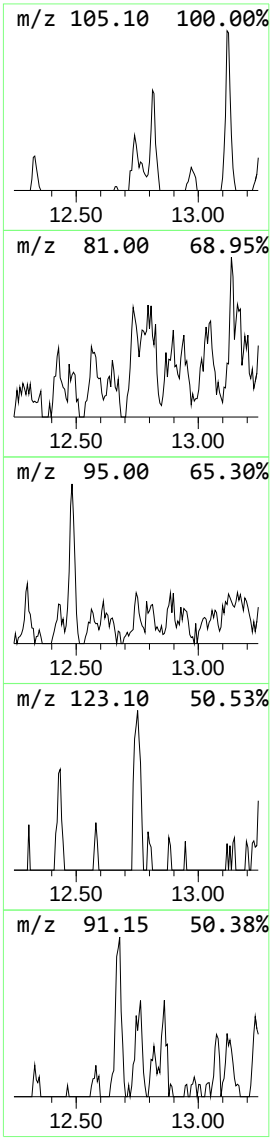
Peak Number 2 unknown12.745 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.745	38.63 ug/l	17118	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	27
2	2(1H)-Naphthalenone, octahydro-4...	208	C14H24O	054594-42-2	25
3	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	22
4	8-Hexadecyne	222	C16H30	019781-86-3	16
5	Bicyclo[3.2.0]hept-2-ene, exo-4-...	202	C8H11BrO	1000155-39-6	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
Data File : VY005568.D
Acq On : 06 Aug 2021 13:09
Operator : SY/MD
Sample : M3293-03
Misc : 5.04G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

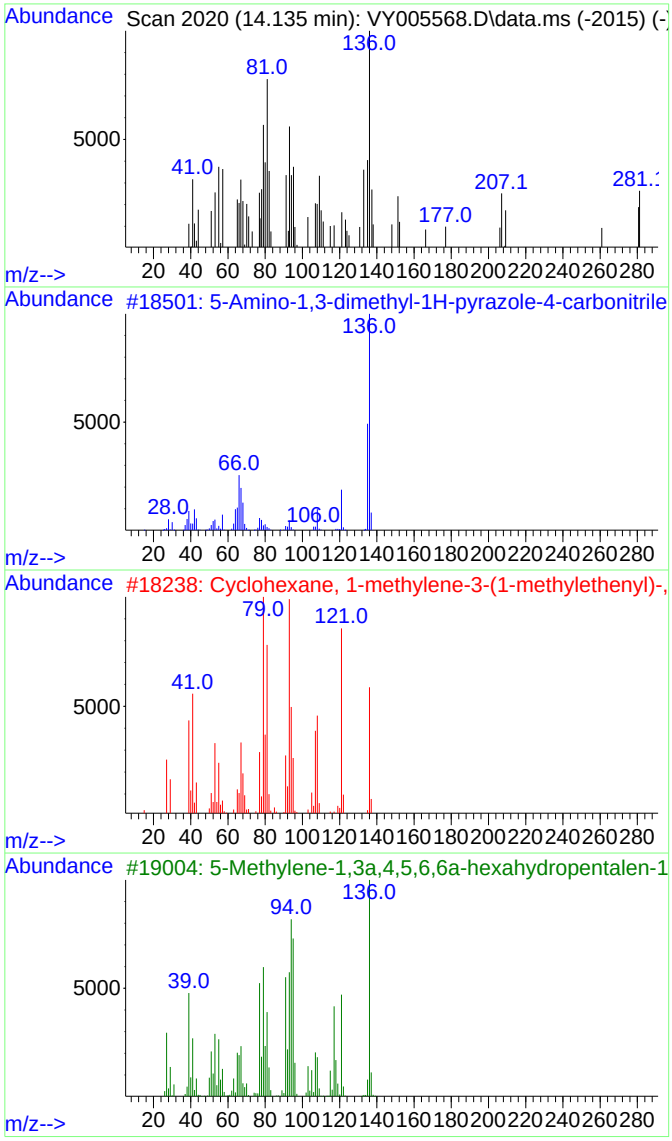
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

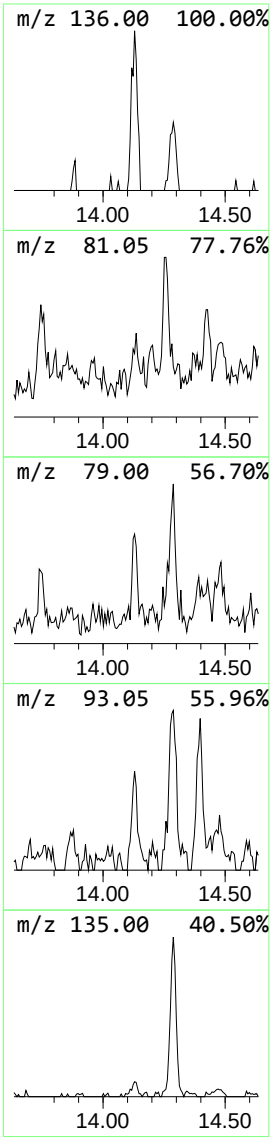
****

Peak Number 3 unknown14.135 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.135	39.86 ug/l	17666	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Amino-1,3-dimethyl-1H-pyrazole...	136	C6H8N4	054820-92-7	38
2	Cyclohexane, 1-methylene-3-(1-me...	136	C10H16	013837-95-1	38
3	5-Methylene-1,3a,4,5,6,6a-hexahy...	136	C9H12O	1000193-00-3	30
4	Bicyclo[3.3.0]oct-2-en-7-one, 6-...	136	C9H12O	1000150-43-7	30
5	2H-Inden-2-one, 1,3,3a,4,7,7a-he...	136	C9H12O	007077-08-9	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
Data File : VY005568.D
Acq On : 06 Aug 2021 13:09
Operator : SY/MD
Sample : M3293-03
Misc : 5.04G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

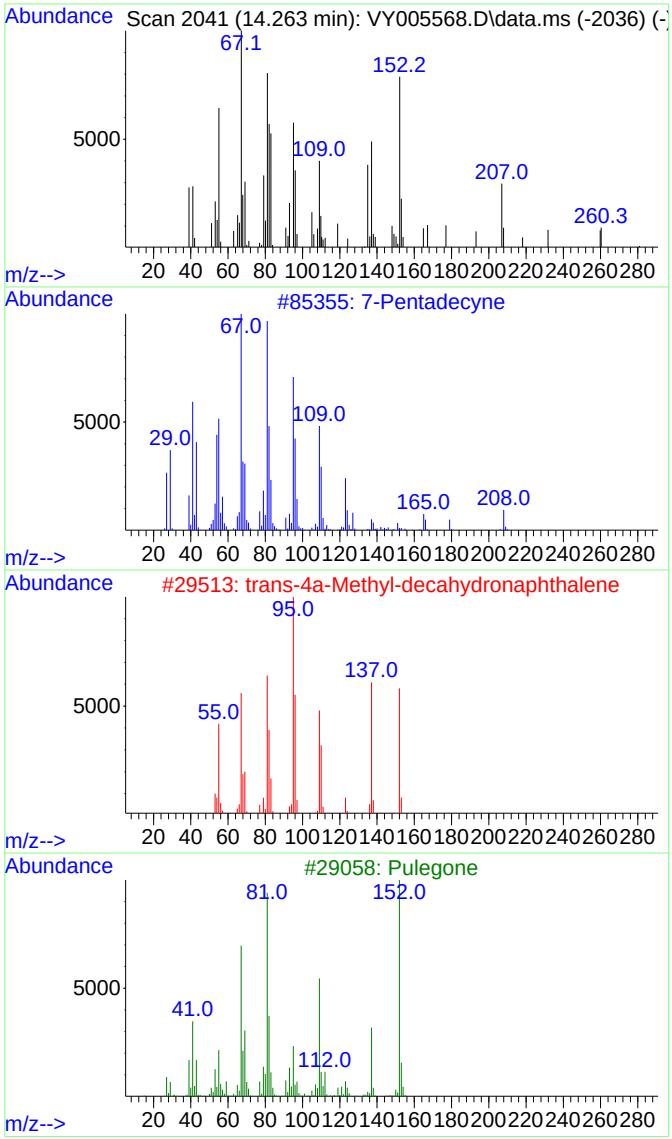
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

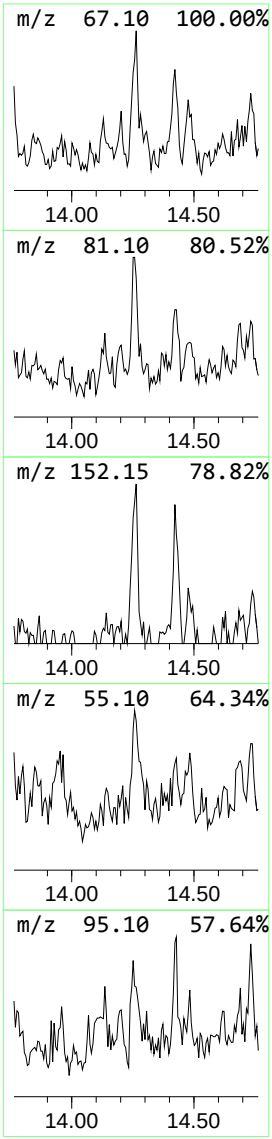
****

Peak Number 4 7-Pentadecyne Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	43.26 ug/l	19171	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Pentadecyne	208	C15H28	022089-89-0	70
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	60
3	Pulegone	152	C10H16O	000089-82-7	58
4	4-Cyclohexylidene-n-butanol	154	C10H18O	004441-58-1	53
5	Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
Data File : VY005568.D
Acq On : 06 Aug 2021 13:09
Operator : SY/MD
Sample : M3293-03
Misc : 5.04G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

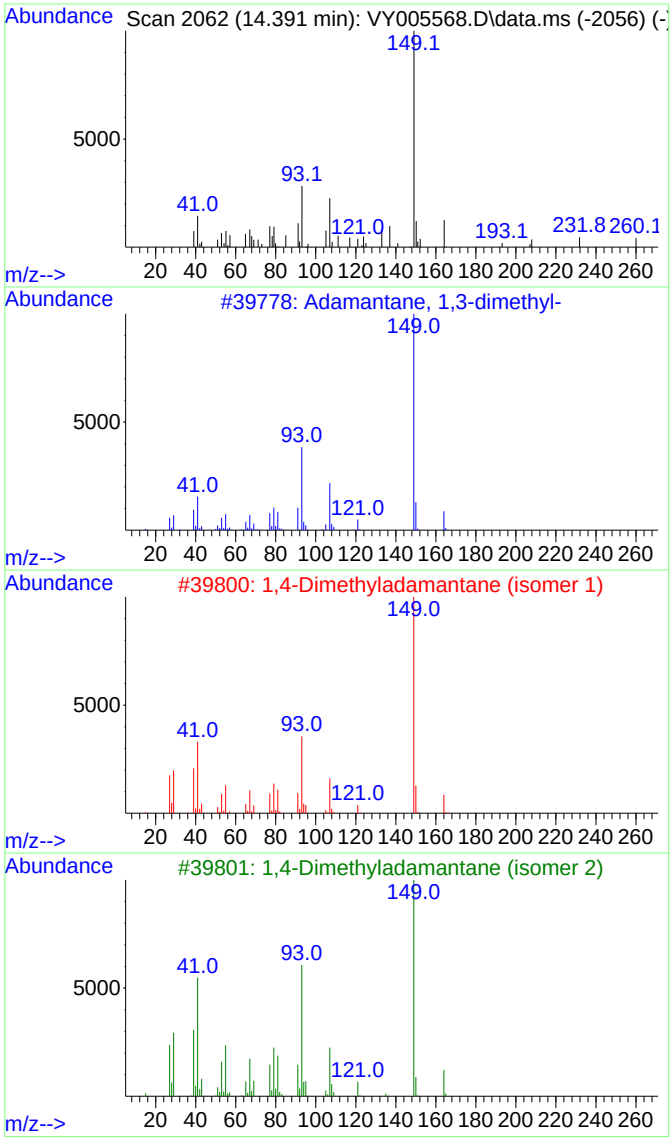
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

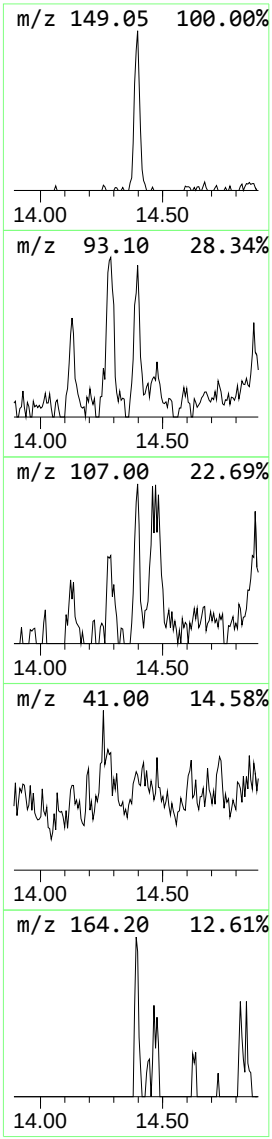
****

Peak Number 5 Adamantane, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.391	35.36 ug/l	15671	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	81
2	1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	76
3	1,4-Dimethyladamantane (isomer 2)	164	C12H20	1000460-67-1	59
4	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	59
5	Methyl (1s,3s,5R,7S)-3-methylada...	208	C13H20O2	1010504-39-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
Data File : VY005568.D
Acq On : 06 Aug 2021 13:09
Operator : SY/MD
Sample : M3293-03
Misc : 5.04G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 20071

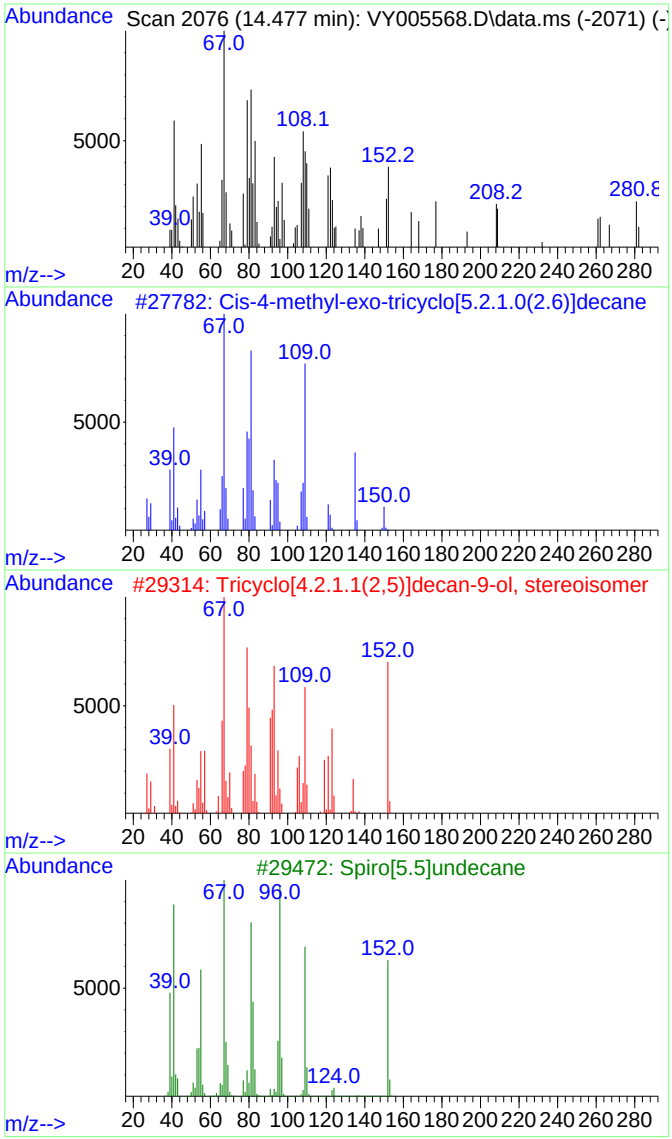
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

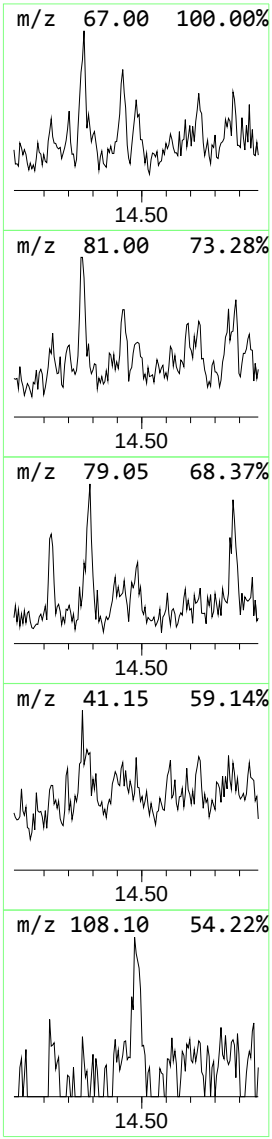
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cis-4-methyl-exo-tricyclo[5... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.477	36.83 ug/l	16324	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cis-4-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-2	50
2	Tricyclo[4.2.1.1(2,5)]decan-9-ol...	152	C10H16O	066953-30-8	50
3	Spiro[5.5]undecane	152	C11H20	000180-43-8	49
4	Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	41
5	4-Octyne	110	C8H14	001942-45-6	35





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Operator : SY/MD
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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 20071

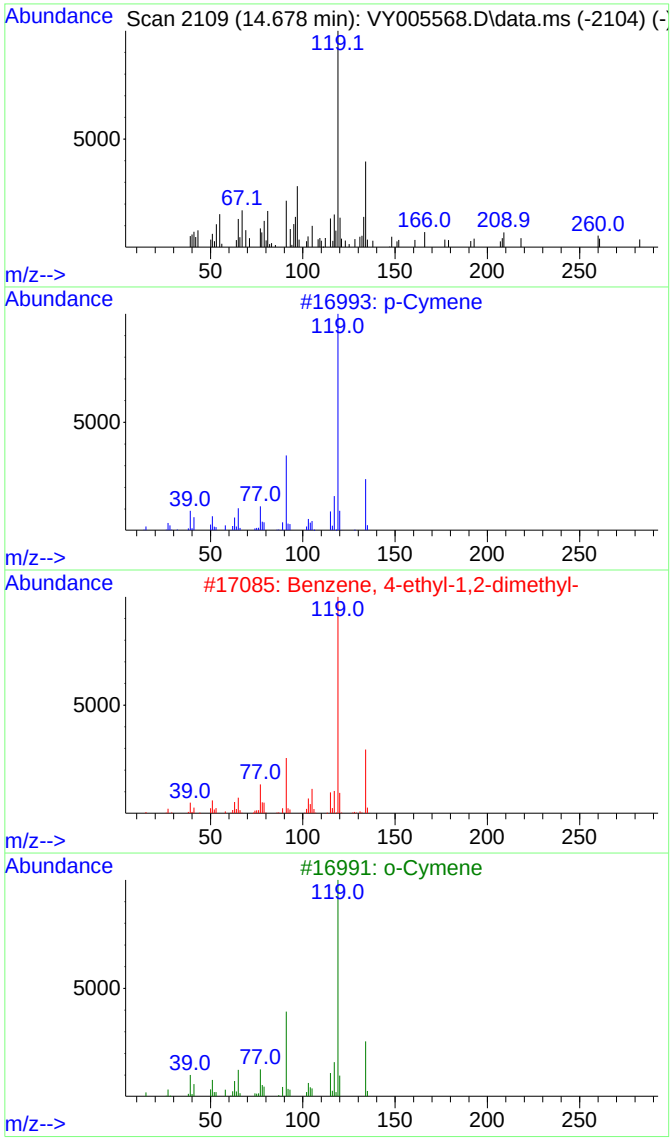
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

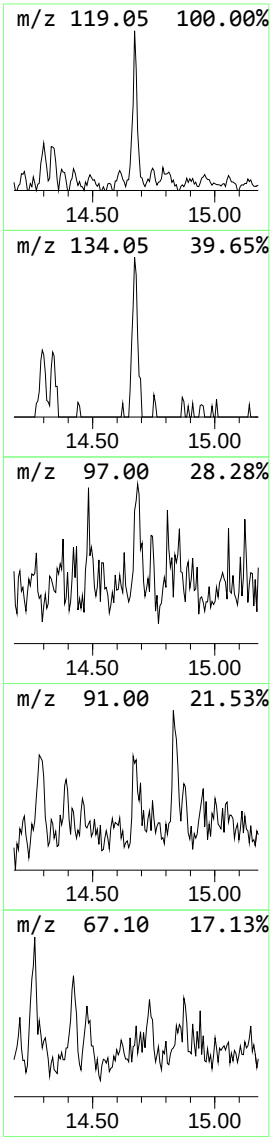
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	46.04 ug/l	20403	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	70
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
3	o-Cymene	134	C10H14	000527-84-4	70
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64





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Sample : M3293-03
Misc : 5.04G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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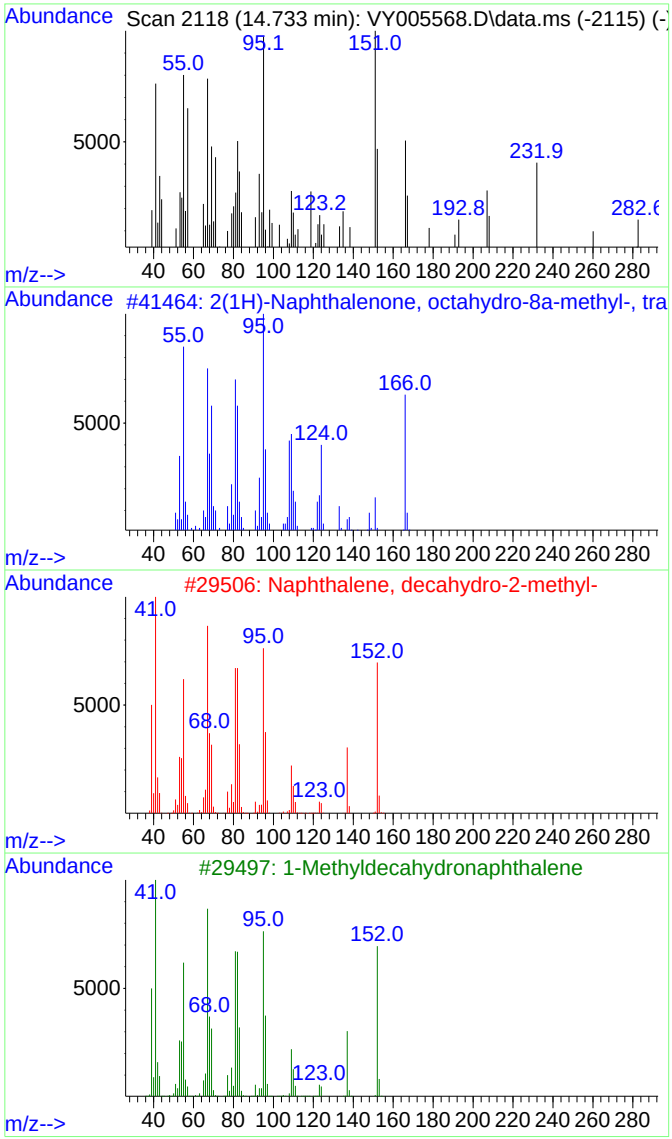
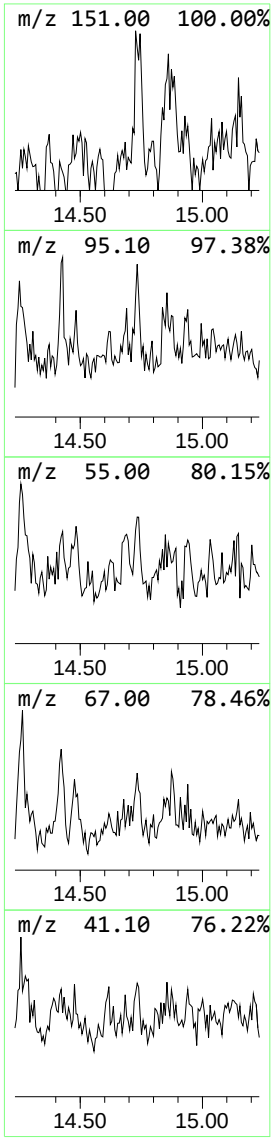
Peak Number 8 unknown14.733 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	32.27 ug/l	14302	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	001197-95-1	38
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	38
3	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	38
4	2-Nonen-4-yn-1-ol, (Z)-	138	C9H14O	134225-90-4	30
5	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
Data File : VY005568.D
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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Propene, 2-me...	2.223	17.3	ug/l	23446	1	7.795	67783	50.0
unknown12.745	12.745	38.6	ug/l	17118	4	13.428	22159	50.0
unknown14.135	14.135	39.9	ug/l	17666	4	13.428	22159	50.0
7-Pentadecyne	14.263	43.3	ug/l	19171	4	13.428	22159	50.0
Adamantane, 1,3...	14.391	35.4	ug/l	15671	4	13.428	22159	50.0
Cis-4-methyl-ex...	14.477	36.8	ug/l	16324	4	13.428	22159	50.0
Benzene, 4-ethy...	14.678	46.0	ug/l	20403	4	13.428	22159	50.0
unknown14.733	14.733	32.3	ug/l	14302	4	13.428	22159	50.0