LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
Data File : VY006857.D
Acq On : 22 Nov 2021 17:01
Operator : SY/MD
Sample : M4812-01
Misc : 3.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SETTING-TANK-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_Y\methods\82Y111521S.M
Title : SW846 8260

Signal : TIC: VY006857.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.954	340	350	363	rBV2	3730	10261	2.49%	1.471%
2	4.204	381	391	401	rBV2	3442	9102	2.21%	1.305%
3	4.723	466	476	494	rVB	15438	48112	11.69%	6.898%
4	5.747	637	644	653	rBV5	2137	6369	1.55%	0.913%
5	10.581	1432	1437	1443	rBV2	2590	4641	1.13%	0.665%
6	11.093	1516	1521	1527	rVB2	4915	8068	1.96%	1.157%
7	11.209	1534	1540	1544	rVB2	2491	4387	1.07%	0.629%
8	11.301	1544	1555	1562	rBV5	3266	7821	1.90%	1.121%
9	11.709	1613	1622	1623	rBV7	2906	6396	1.55%	0.917%
10	12.008	1662	1671	1679	rBV10	3895	10880	2.64%	1.560%
11	12.124	1686	1690	1694	rVB3	3115	4714	1.15%	0.676%
12	12.209	1699	1704	1707	rVV3	4884	8830	2.15%	1.266%
13	12.246	1707	1710	1716	rVV5	2779	5938	1.44%	0.851%
14	12.337	1719	1725	1729	rBV3	4746	8444	2.05%	1.211%
15	12.496	1744	1751	1758	rBV	255692	411627	100.00%	59.020%
16	12.648	1768	1776	1783	rVB6	6467	14150	3.44%	2.029%
17	12.739	1783	1791	1793	rBV4	3612	7326	1.78%	1.050%
18	12.794	1793	1800	1802	rBV4	5389	9187	2.23%	1.317%
19	13.044	1837	1841	1849	rVB8	4352	9344	2.27%	1.340%
20	13.294	1877	1882	1884	rBV5	2816	4127	1.00%	0.592%
21	13.343	1884	1890	1898	rVV6	12476	26268	6.38%	3.766%
22	13.751	1952	1957	1962	rBV5	8856	15513	3.77%	2.224%
23	13.971	1987	1993	2000	rVB2	10962	19768	4.80%	2.834%
24	14.263	2035	2041	2045	rBV6	4531	8141	1.98%	1.167%
25	14.422	2062	2067	2072	rVB5	3954	5832	1.42%	0.836%
26	16.159	2347	2352	2357	rBV4	2241	4237	1.03%	0.608%
27	16.367	2380	2386	2392	rBV2	9511	17953	4.36%	2.574%

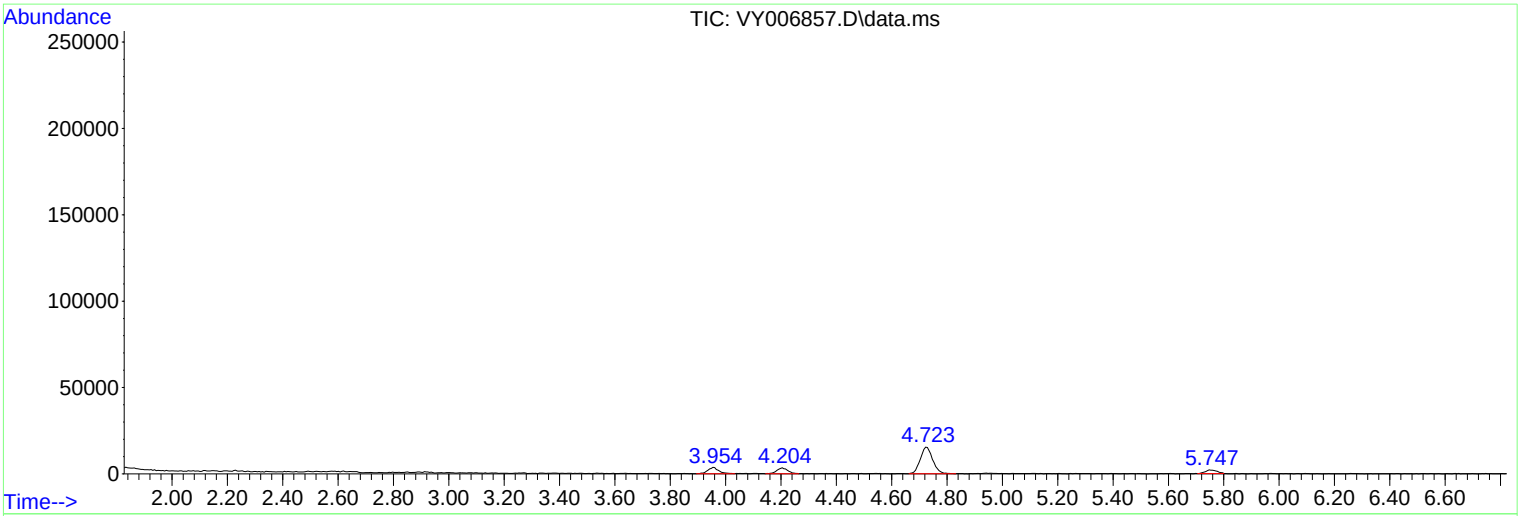
Sum of corrected areas: 697436

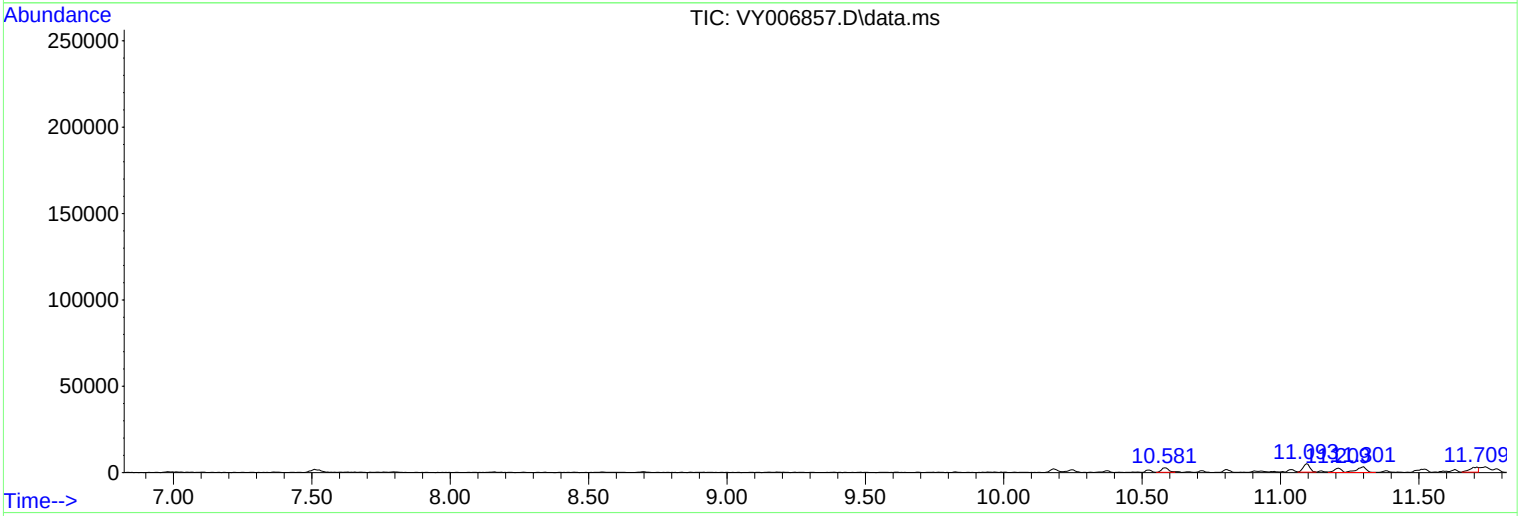
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
Data File : VY006857.D
Acq On : 22 Nov 2021 17:01
Operator : SY/MD
Sample : M4812-01
Misc : 3.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

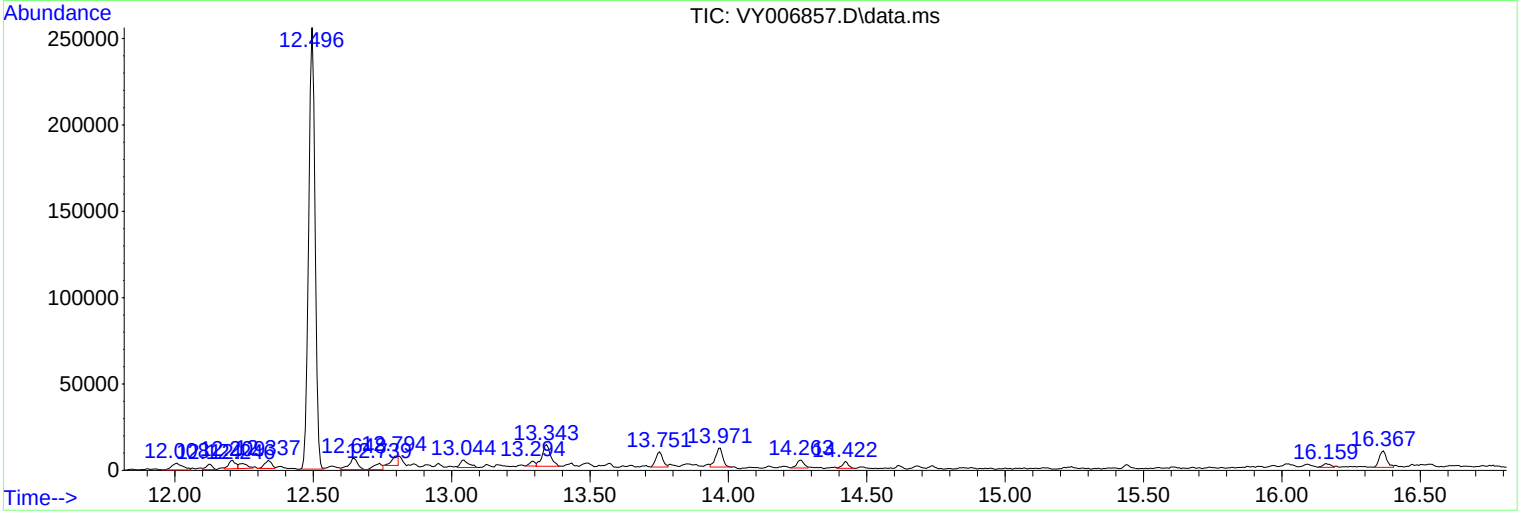
Instrument :
MSVOA_Y
ClientSampleId :
SETTING-TANK-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
Data File : VY006857.D
Acq On : 22 Nov 2021 17:01
Operator : SY/MD
Sample : M4812-01
Misc : 3.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SETTING-TANK-01

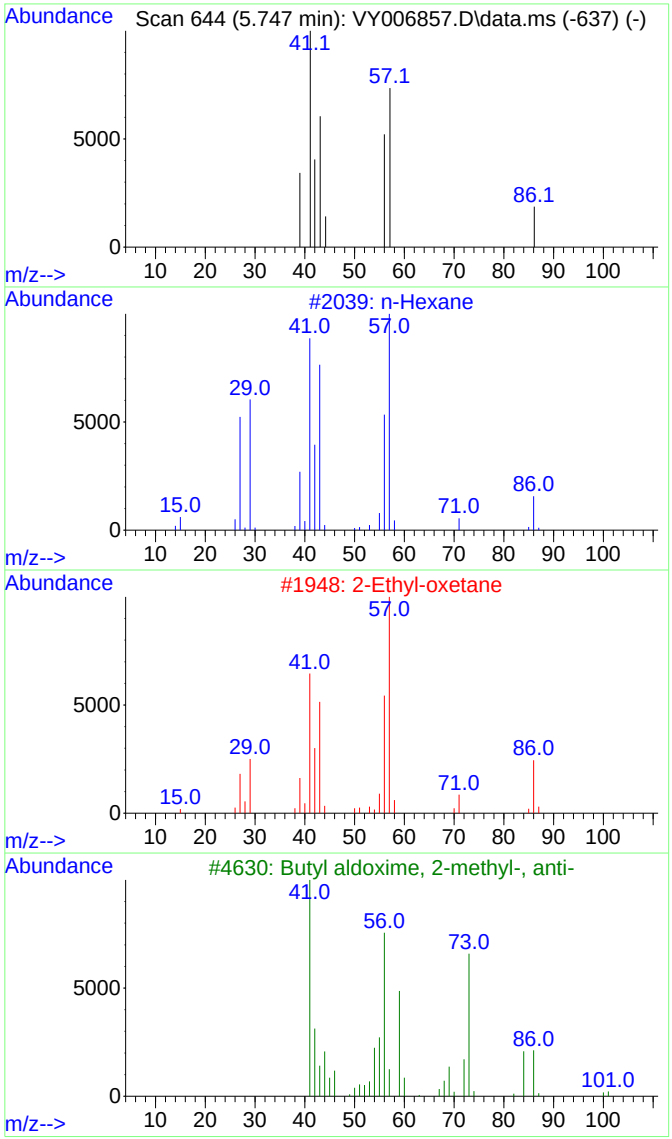
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260

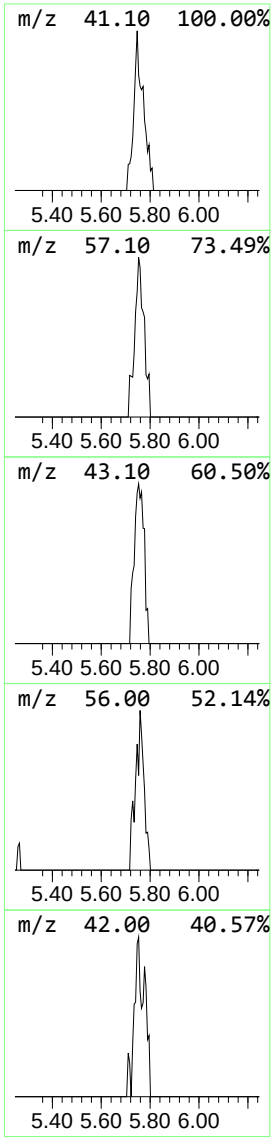
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown5.747 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.747	50.00 ug/l	6369	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	38
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	9
3	Butyl aldoxime, 2-methyl-, anti-	101	C5H11NO	049805-55-2	9
4	2-Butene	56	C4H8	000107-01-7	7
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
Data File : VY006857.D
Acq On : 22 Nov 2021 17:01
Operator : SY/MD
Sample : M4812-01
Misc : 3.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SETTING-TANK-01

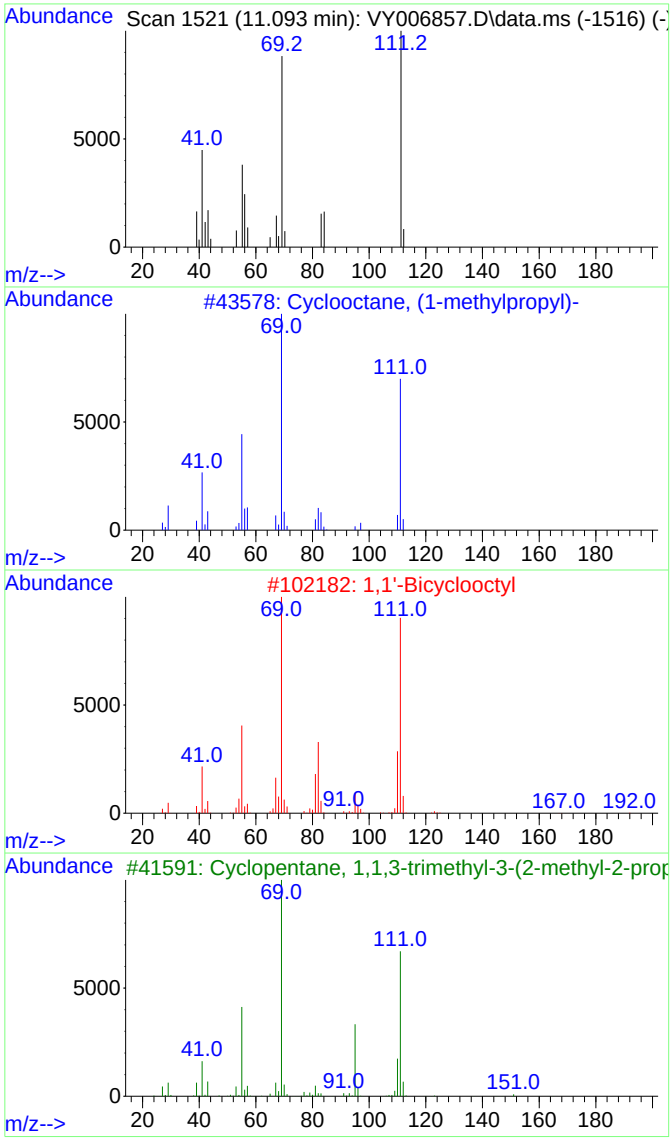
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260

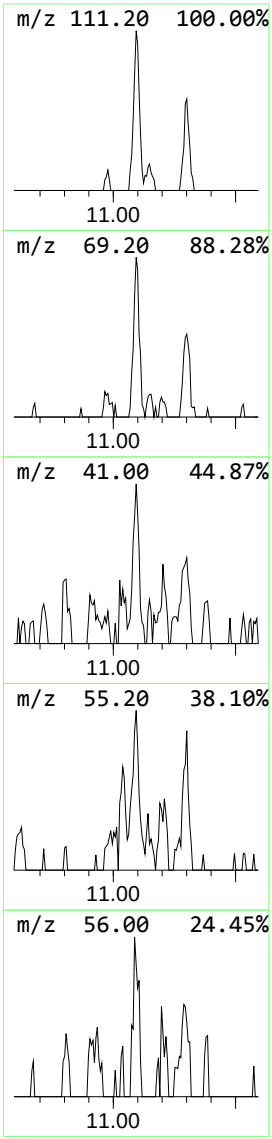
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclooctane, (1-methylpropyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.093	51.58 ug/l	8068	Chlorobenzene-d5	11.496

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72
2	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	64
3	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	59
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
Data File : VY006857.D
Acq On : 22 Nov 2021 17:01
Operator : SY/MD
Sample : M4812-01
Misc : 3.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SETTING-TANK-01

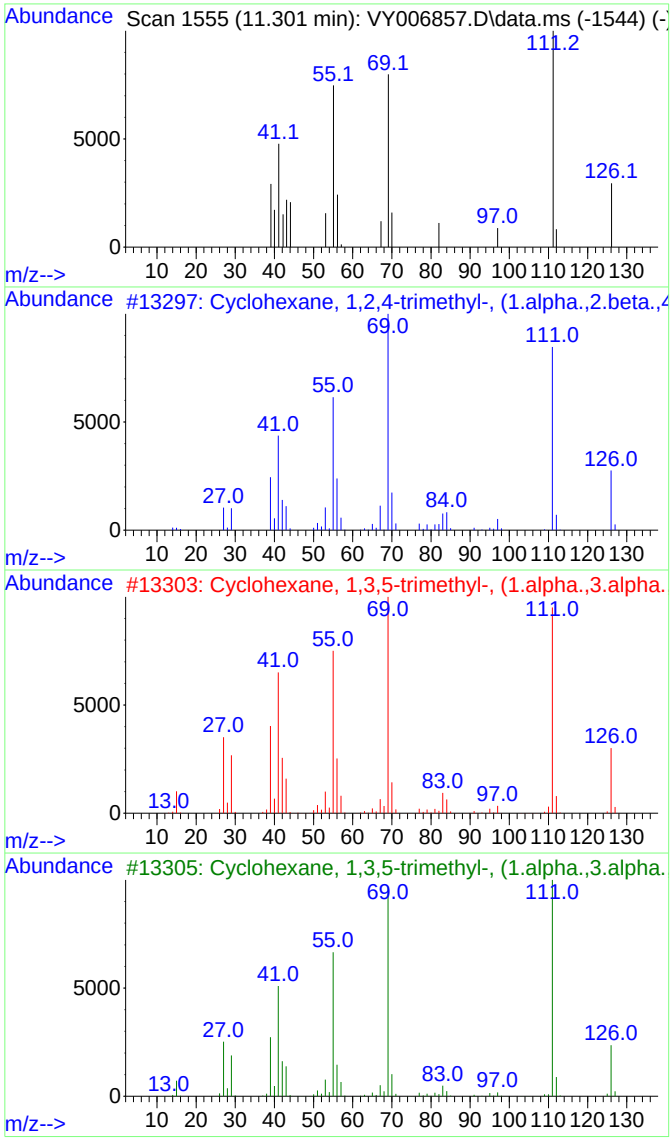
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260

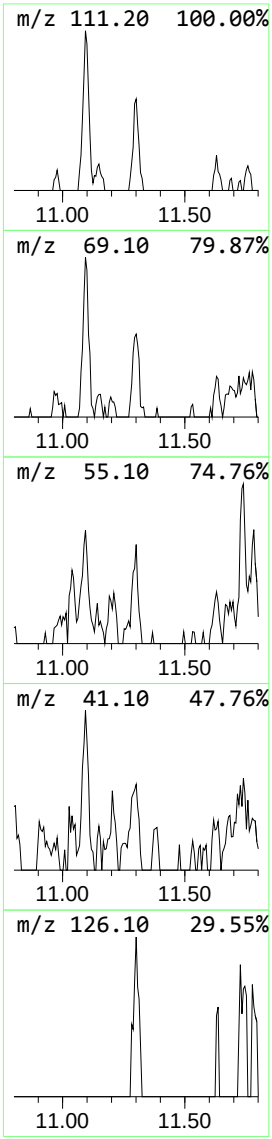
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1,2,4-trimethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.301	50.00 ug/l	7821	Chlorobenzene-d5	11.496

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	80
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
4	Cyclooctane, butyl-	168	C12H24	016538-93-5	72
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
Data File : VY006857.D
Acq On : 22 Nov 2021 17:01
Operator : SY/MD
Sample : M4812-01
Misc : 3.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SETTING-TANK-01

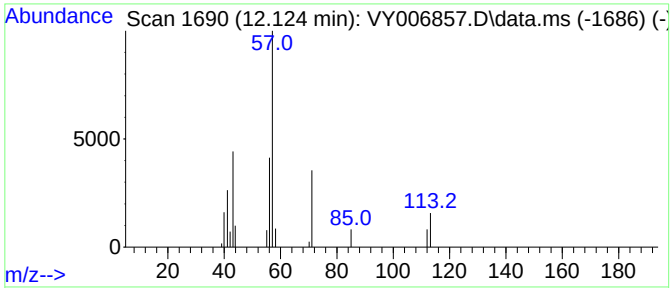
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260

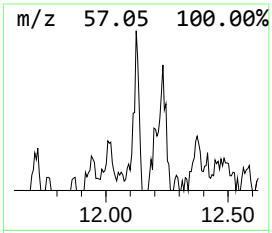
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

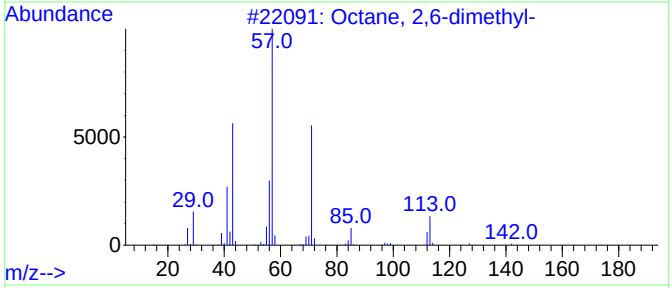
****
Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 9

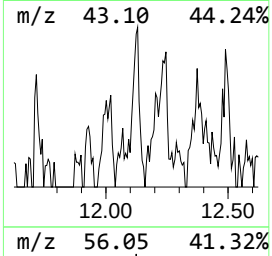
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.124	30.14 ug/l	4714	Chlorobenzene-d5	11.496

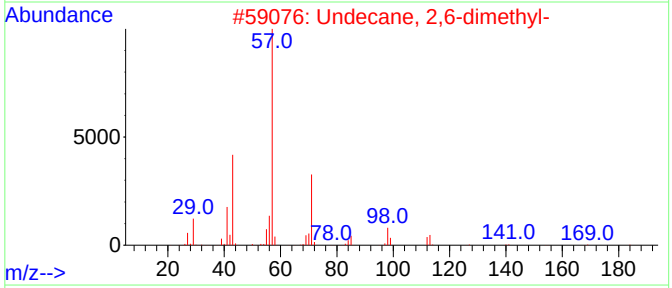
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	40
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	37
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	36
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	33

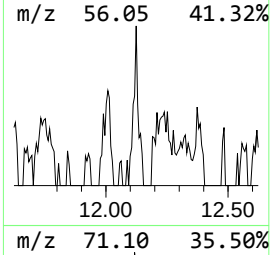


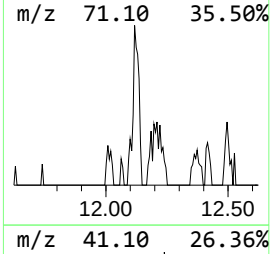


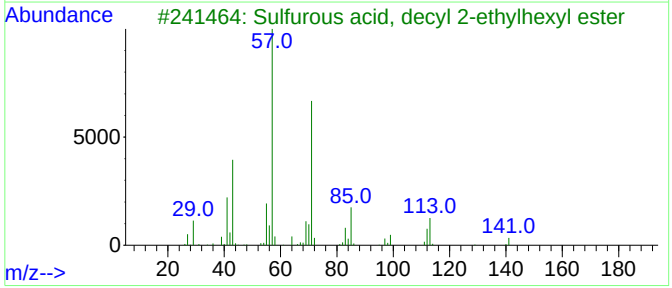


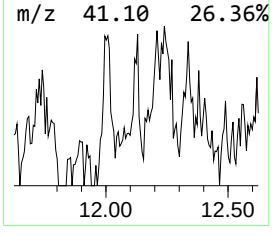












Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
Data File : VY006857.D
Acq On : 22 Nov 2021 17:01
Operator : SY/MD
Sample : M4812-01
Misc : 3.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SETTING-TANK-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260

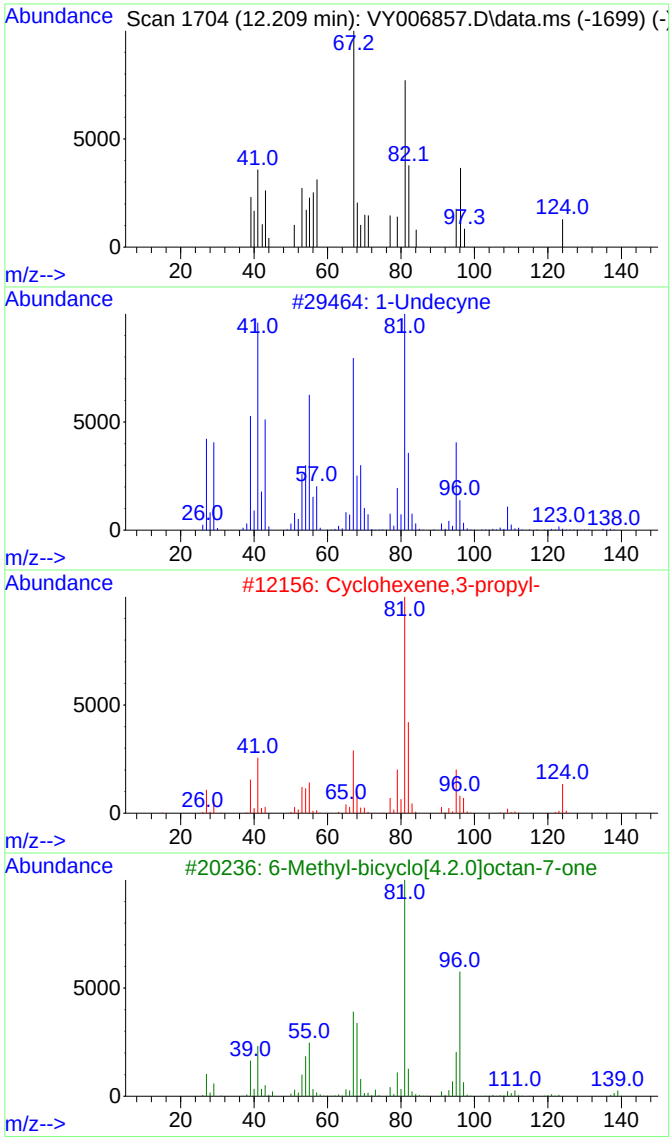
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

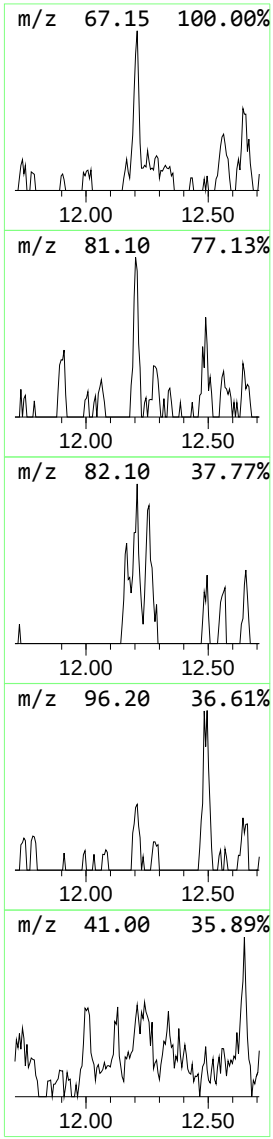
****

Peak Number 6 1-Undecyne Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.209	56.45 ug/l	8830	Chlorobenzene-d5	11.496

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecyne	152	C11H20	002243-98-3	50
2	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	46
3	6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1010193-87-2	43
4	2,4-Hexadiene, 1-chloro-	116	C6H9Cl	034632-89-8	38
5	1H-Indene, octahydro-	124	C9H16	000496-10-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
Data File : VY006857.D
Acq On : 22 Nov 2021 17:01
Operator : SY/MD
Sample : M4812-01
Misc : 3.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SETTING-TANK-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260

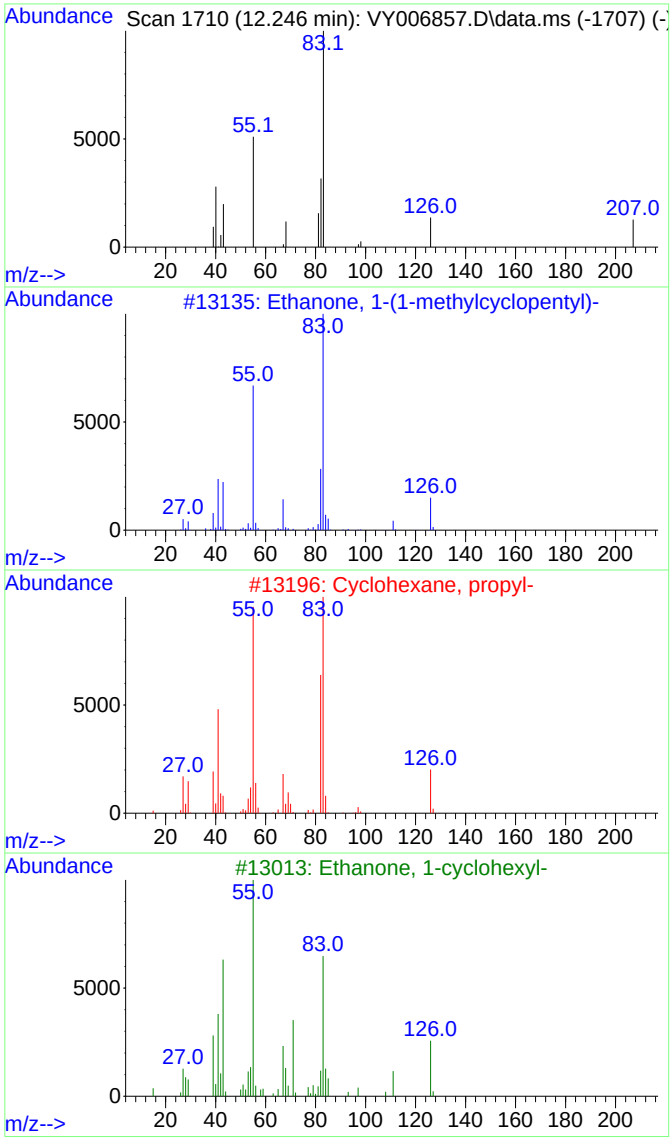
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

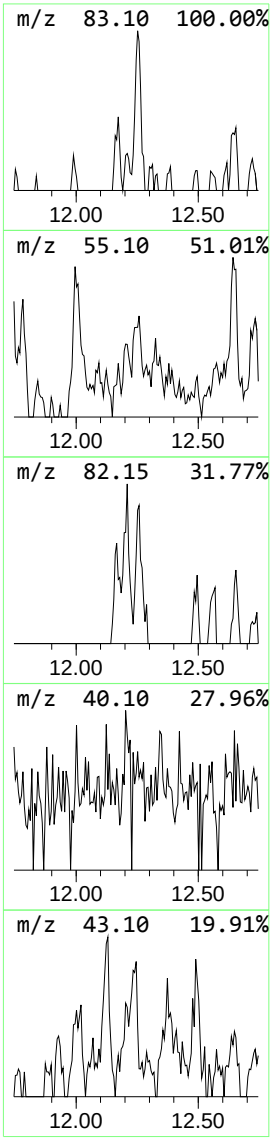
****

Peak Number 7 unknown12.246 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.246	37.96 ug/l	5938	Chlorobenzene-d5	11.496

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	45
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	37
3	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	9
4	Cycloheptanol, 2-methylene	126	C8H14O	016240-38-3	9
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
Data File : VY006857.D
Acq On : 22 Nov 2021 17:01
Operator : SY/MD
Sample : M4812-01
Misc : 3.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SETTING-TANK-01

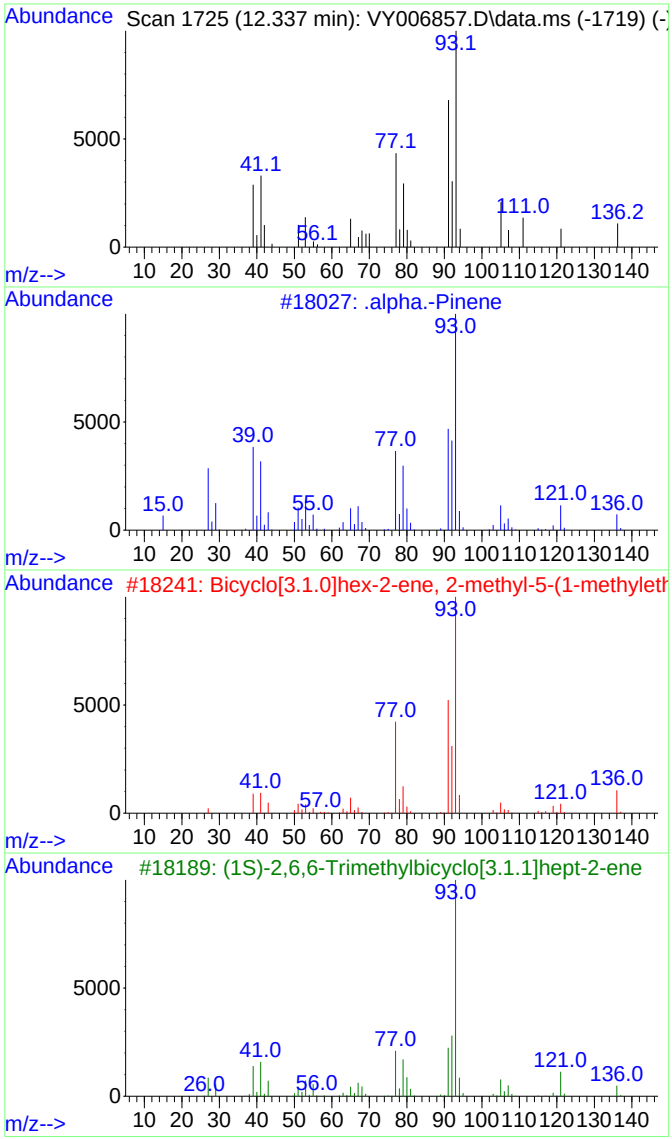
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260

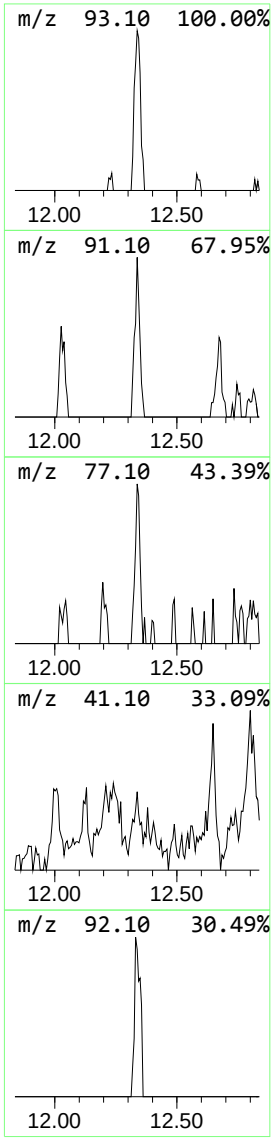
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Bicyclo[3.1.0]hex-2-ene, 2-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	53.98 ug/l	8444	Chlorobenzene-d5	11.496

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	81
2	Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	72
3	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	72
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	72
5	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
Data File : VY006857.D
Acq On : 22 Nov 2021 17:01
Operator : SY/MD
Sample : M4812-01
Misc : 3.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SETTING-TANK-01

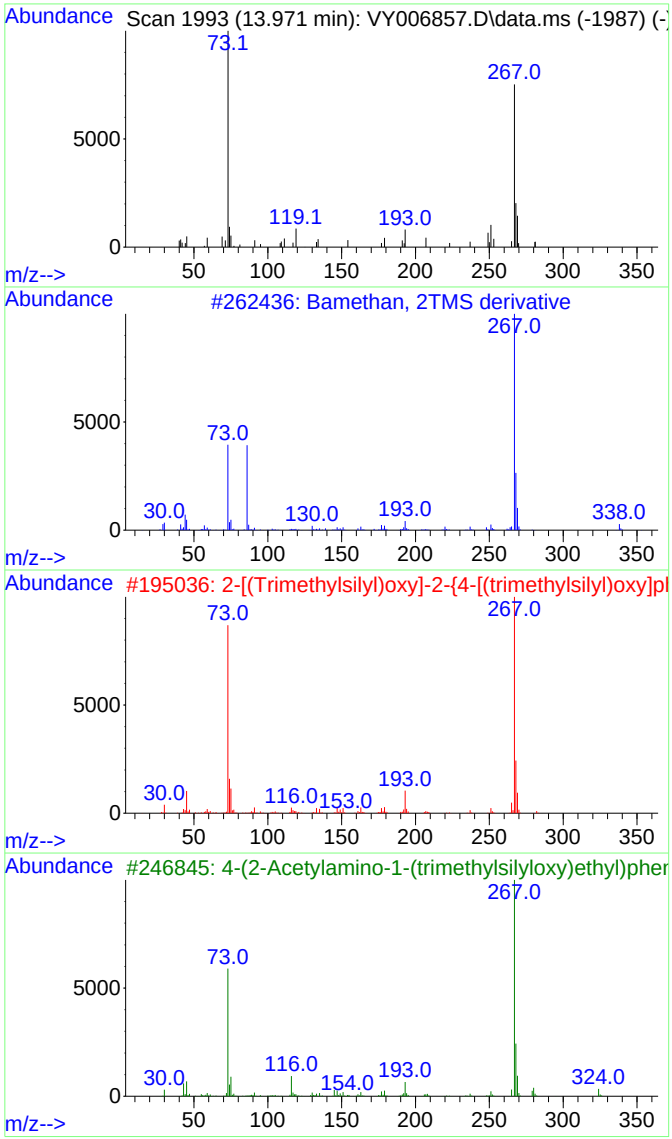
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260

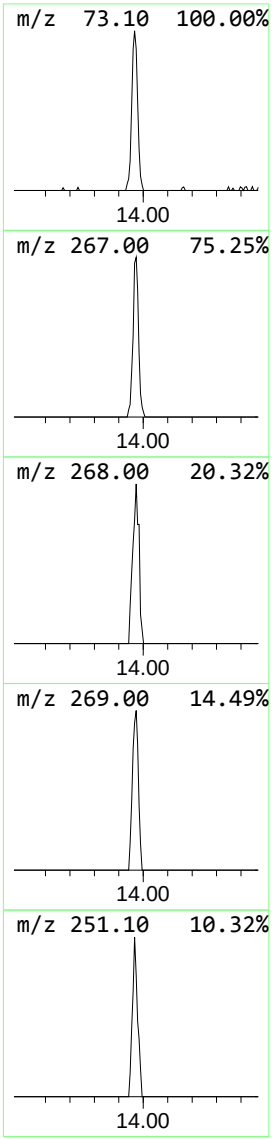
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Bamethan, 2TMS derivative Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	37.63 ug/l	19768	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bamethan, 2TMS derivative	353	C18H35NO2Si2	040629-66-1	72
2	2-[(Trimethylsilyl)oxy]-2-{4-[(t...	297	C14H27NO2Si2	1000473-27-9	59
3	4-(2-Acetylamino-1-(trimethylsil...	339	C16H29NO3Si2	1000373-43-5	59
4	9-Acridinol, trimethylsilyl ether	267	C16H17NOSi	1000463-65-5	59
5	3-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-88-9	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
Data File : VY006857.D
Acq On : 22 Nov 2021 17:01
Operator : SY/MD
Sample : M4812-01
Misc : 3.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SETTING-TANK-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260

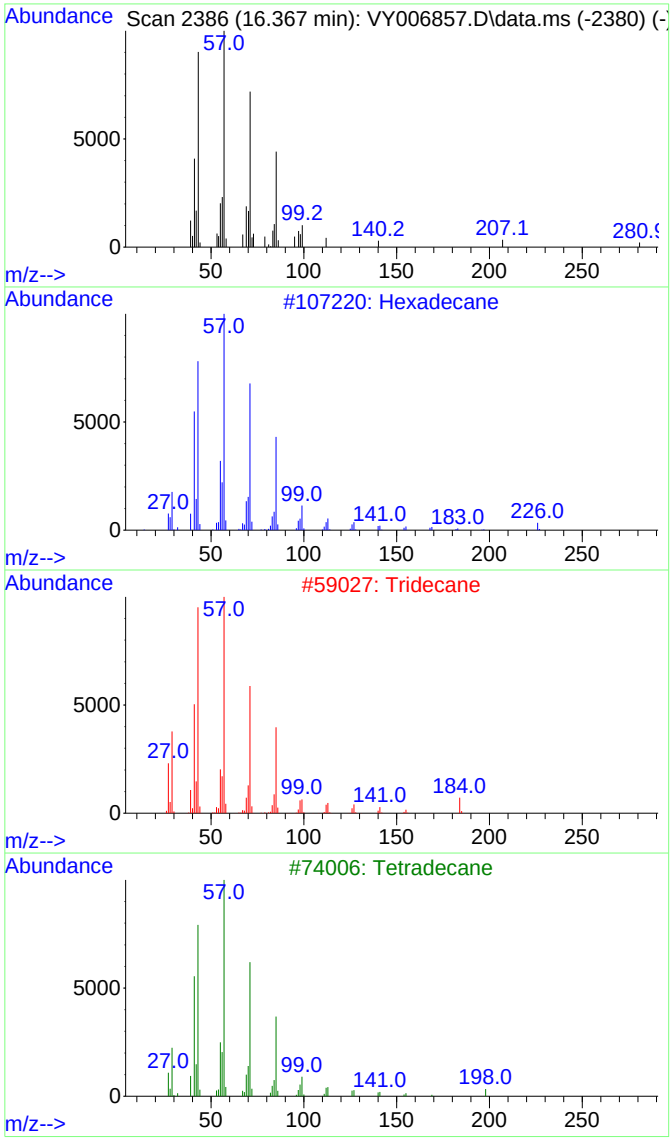
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

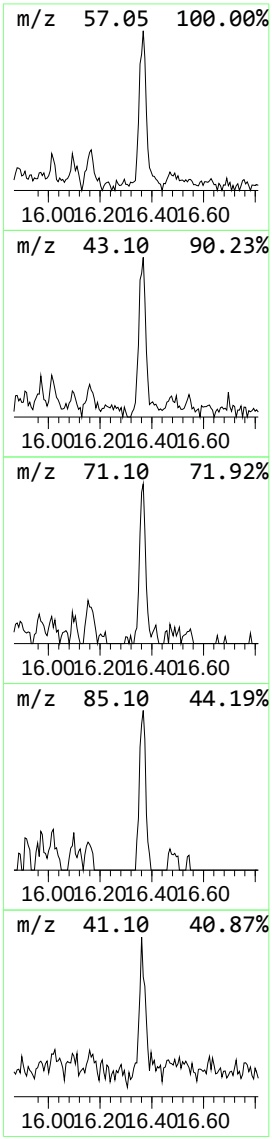
****

Peak Number 10 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.367	34.17 ug/l	17953	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
Data File : VY006857.D
Acq On : 22 Nov 2021 17:01
Operator : SY/MD
Sample : M4812-01
Misc : 3.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SETTING-TANK-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.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
unknown5.747	5.747	50.0	ug/l	6369	1	7.795	6369	50.0
Cyclooctane, (1...	11.093	51.6	ug/l	8068	3	11.496	7821	50.0
Cyclohexane, 1,...	11.301	50.0	ug/l	7821	3	11.496	7821	50.0
Octane, 2,6-dim...	12.124	30.1	ug/l	4714	3	11.496	7821	50.0
1-Undecyne	12.209	56.5	ug/l	8830	3	11.496	7821	50.0
unknown12.246	12.246	38.0	ug/l	5938	3	11.496	7821	50.0
Bicyclo[3.1.0]h...	12.337	54.0	ug/l	8444	3	11.496	7821	50.0
Bamethan, 2TMS ...	13.971	37.6	ug/l	19768	4	13.434	26268	50.0
Hexadecane	16.367	34.2	ug/l	17953	4	13.434	26268	50.0