LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
Data File : VY007607.D
Acq On : 23 Feb 2022 18:53
Operator : SY/MD
Sample : N1584-06
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

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\82Y022322S.M
Title : SW846 8260

Signal : TIC: VY007607.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.070	36	41	51	rVB	10032	14977	1.23%	0.253%
2	2.247	62	70	79	rBV	23472	38823	3.19%	0.657%
3	2.899	169	177	192	rVB	35717	82562	6.78%	1.397%
4	3.942	338	348	356	rBV5	4453	13958	1.15%	0.236%
5	4.192	379	389	402	rBV	18143	46768	3.84%	0.791%
6	4.698	458	472	489	rBV4	24014	97660	8.02%	1.652%
7	4.954	499	514	527	rBV2	12981	48163	3.96%	0.815%
8	5.222	542	558	582	rBV2	254830	956779	78.58%	16.184%
9	6.124	695	706	716	rBV4	5018	17117	1.41%	0.290%
10	6.685	787	798	808	rBV2	13936	44071	3.62%	0.745%
11	7.533	928	937	945	rBV6	6309	16091	1.32%	0.272%
12	7.715	957	967	973	rBV2	73984	176865	14.53%	2.992%
13	7.789	973	979	987	rVV	122232	271422	22.29%	4.591%
14	7.874	987	993	1002	rVB2	7351	18066	1.48%	0.306%
15	8.142	1027	1037	1047	rBV3	78471	200676	16.48%	3.395%
16	8.240	1047	1053	1059	rVV	28274	66680	5.48%	1.128%
17	8.325	1059	1067	1078	rVB	71697	171463	14.08%	2.900%
18	8.691	1117	1127	1136	rBV	176967	353804	29.06%	5.985%
19	9.185	1196	1208	1213	rBV6	11519	27911	2.29%	0.472%
20	9.611	1270	1278	1287	rVB	57226	111207	9.13%	1.881%
21	9.746	1291	1300	1307	rBV2	49079	98308	8.07%	1.663%
22	9.935	1325	1331	1334	rBV3	9906	19241	1.58%	0.325%
23	9.971	1334	1337	1347	rVB	23341	39698	3.26%	0.672%
24	10.178	1364	1371	1380	rVV	288557	493486	40.53%	8.348%
25	10.288	1383	1389	1396	rVB2	20721	36284	2.98%	0.614%
26	11.361	1560	1565	1575	rVB3	11530	23187	1.90%	0.392%
27	11.489	1578	1586	1594	rBV	308104	500799	41.13%	8.471%
28	11.587	1596	1602	1608	rVV3	9392	16932	1.39%	0.286%
29	11.709	1612	1622	1628	rBV3	6138	14506	1.19%	0.245%
30	12.324	1719	1723	1729	rBV2	8916	13719	1.13%	0.232%
31	12.489	1742	1750	1758	rVB3	667823	1217574	100.00%	20.596%
32	13.117	1848	1853	1859	rVB2	9888	15565	1.28%	0.263%
33	13.422	1897	1903	1913	rVB	320994	483599	39.72%	8.180%
34	13.586	1925	1930	1934	rBV3	20740	30984	2.54%	0.524%
35	13.666	1940	1943	1952	rVB5	7650	15232	1.25%	0.258%
36	13.964	1986	1992	1999	rVB2	41870	70499	5.79%	1.193%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
Data File : VY007607.D
Acq On : 23 Feb 2022 18:53
Operator : SY/MD
Sample : N1584-06
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

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\82Y022322S.M
Title : SW846 8260

37	14.672	2102	2108	2114	rBV4	8084	17203	1.41%	0.291%
38	15.232	2195	2200	2208	rVB	18050	29849	2.45%	0.505%

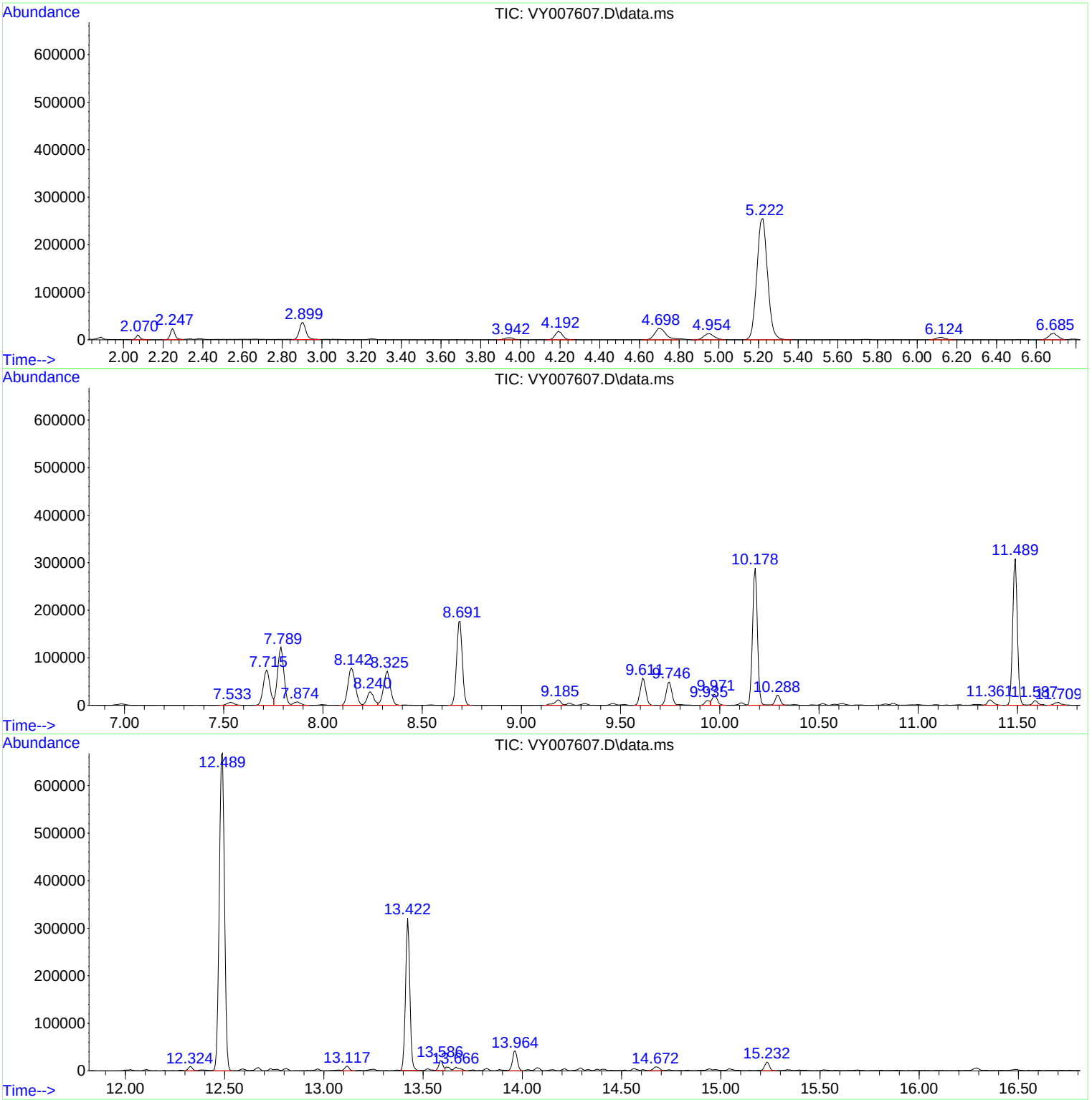
Sum of corrected areas: 5911728

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
Data File : VY007607.D
Acq On : 23 Feb 2022 18:53
Operator : SY/MD
Sample : N1584-06
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
Data File : VY007607.D
Acq On : 23 Feb 2022 18:53
Operator : SY/MD
Sample : N1584-06
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

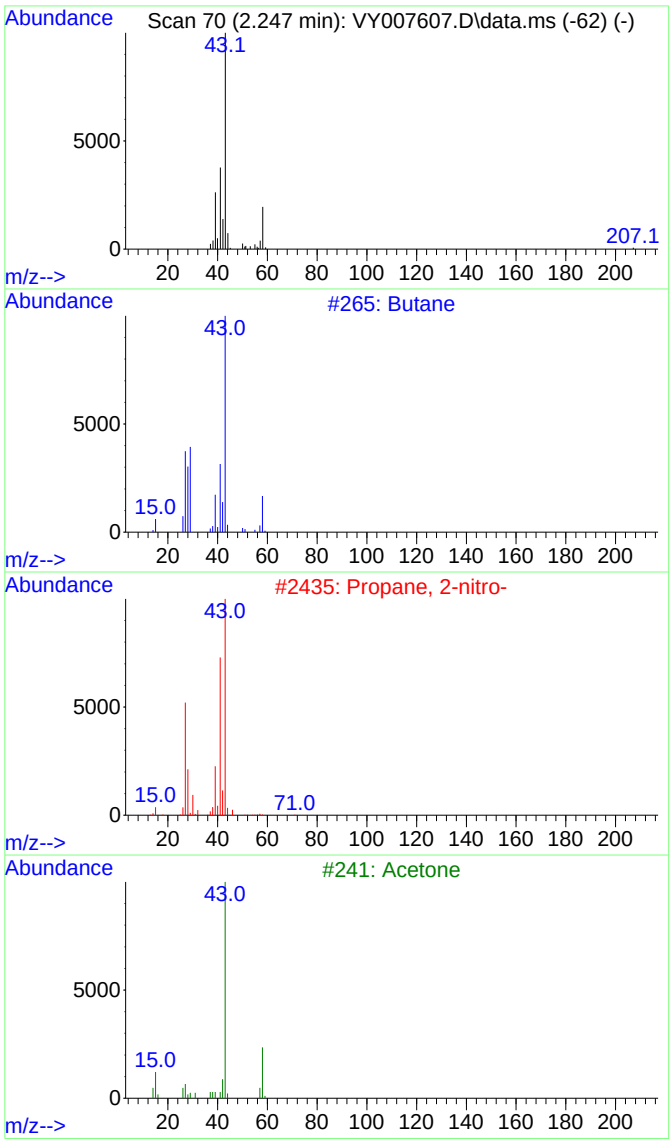
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

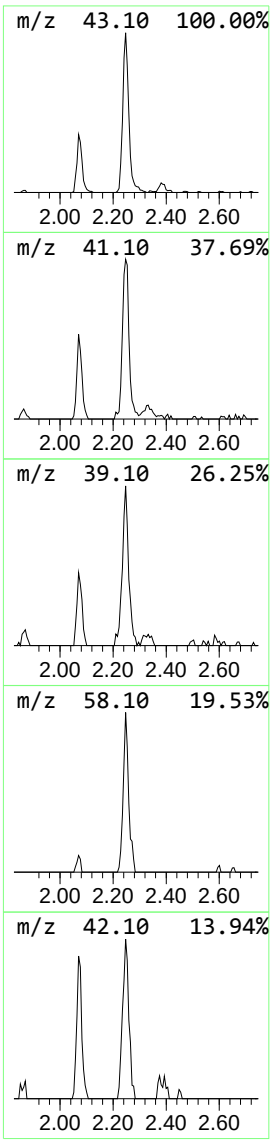
****

Peak Number 1 Butane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.247	7.15 ug/l	38823	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	64
2	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	25
3	Acetone	58	C3H6O	000067-64-1	9
4	Hydroperoxide, 1-methylethyl	76	C3H8O2	003031-75-2	9
5	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
Data File : VY007607.D
Acq On : 23 Feb 2022 18:53
Operator : SY/MD
Sample : N1584-06
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

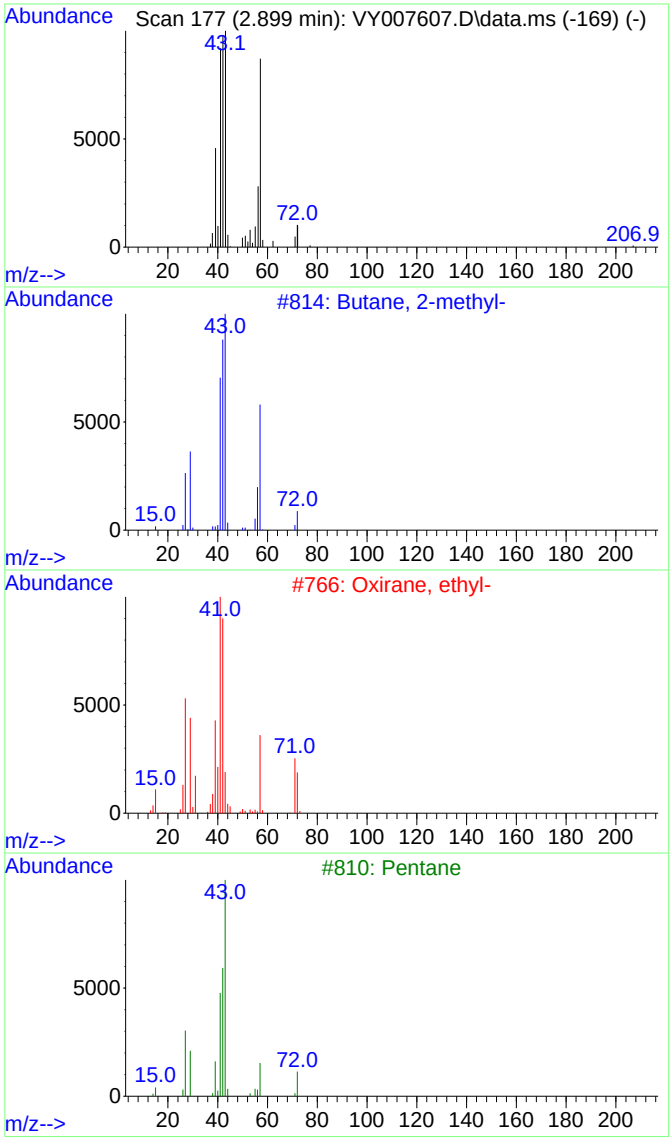
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

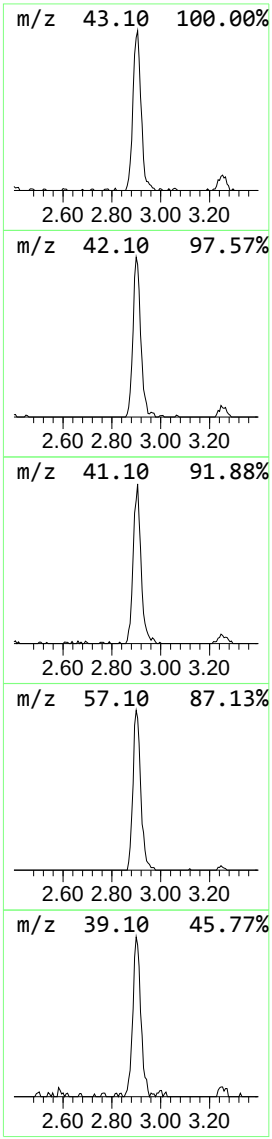
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.899	15.21 ug/l	82562	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	53
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	53
3	Pentane	72	C5H12	000109-66-0	47
4	1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	40
5	1-Hexene	84	C6H12	000592-41-6	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
Data File : VY007607.D
Acq On : 23 Feb 2022 18:53
Operator : SY/MD
Sample : N1584-06
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

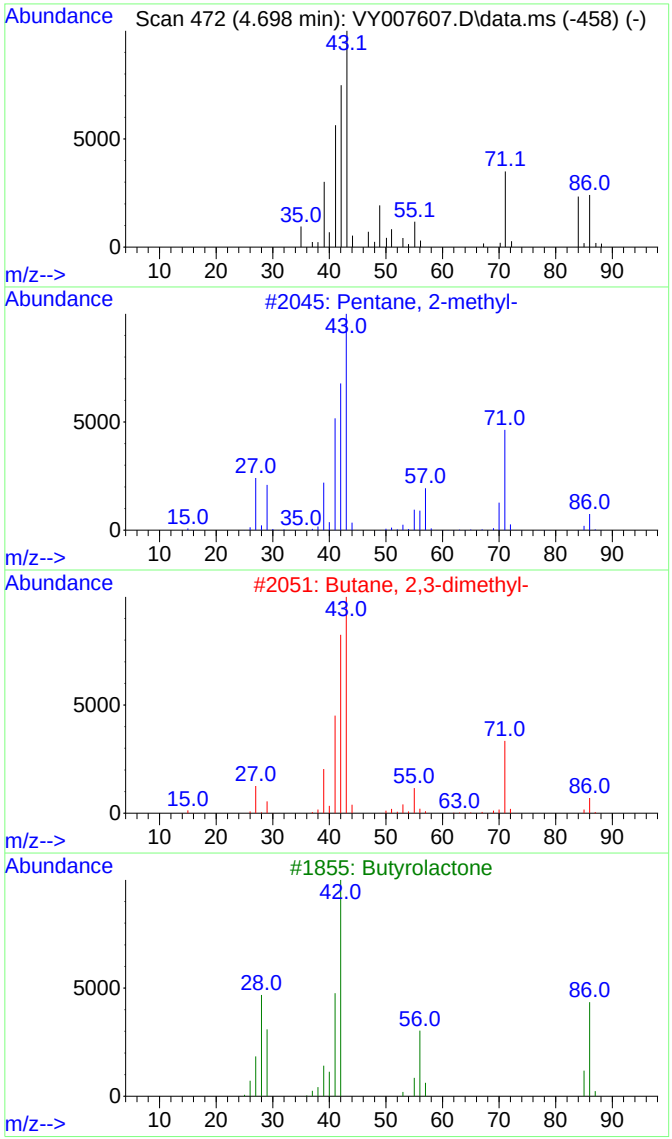
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

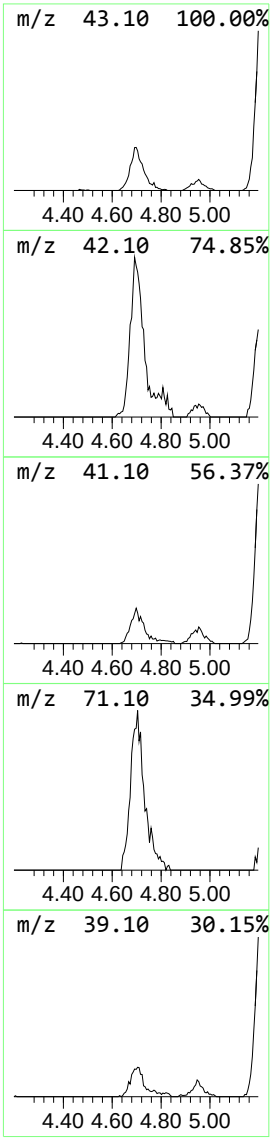
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown4.698 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.698	17.99 ug/l	97660	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	35
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	35
3	Butyrolactone	86	C4H6O2	000096-48-0	22
4	Acetaldehyde, ethylidenehydrazone	84	C4H8N2	000592-56-3	12
5	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
Data File : VY007607.D
Acq On : 23 Feb 2022 18:53
Operator : SY/MD
Sample : N1584-06
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

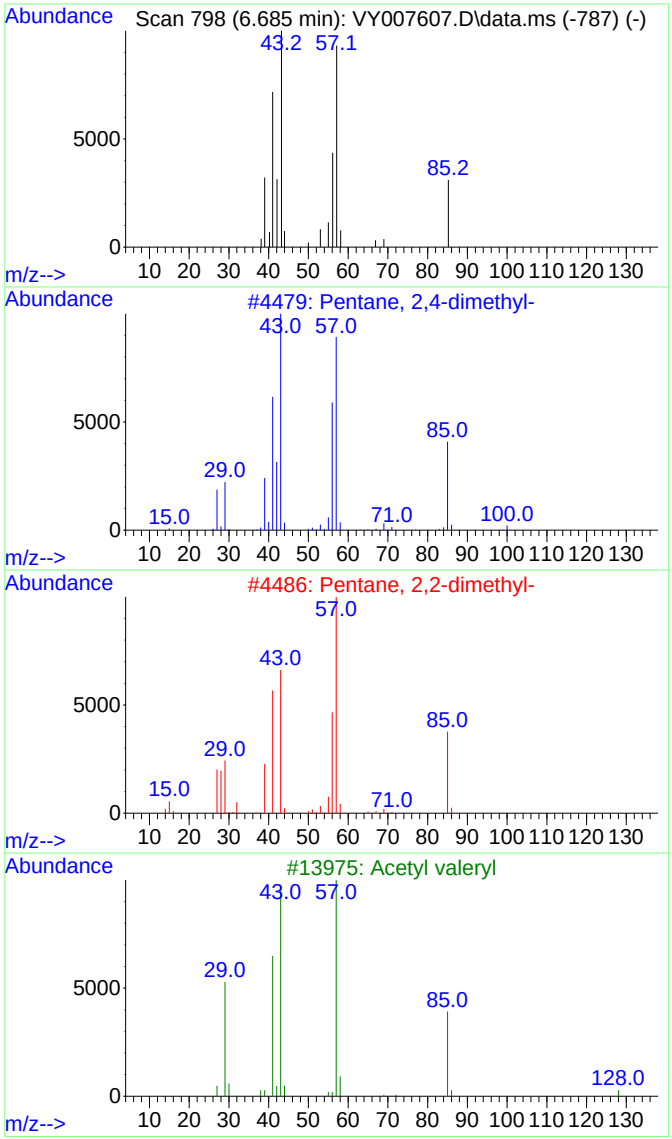
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

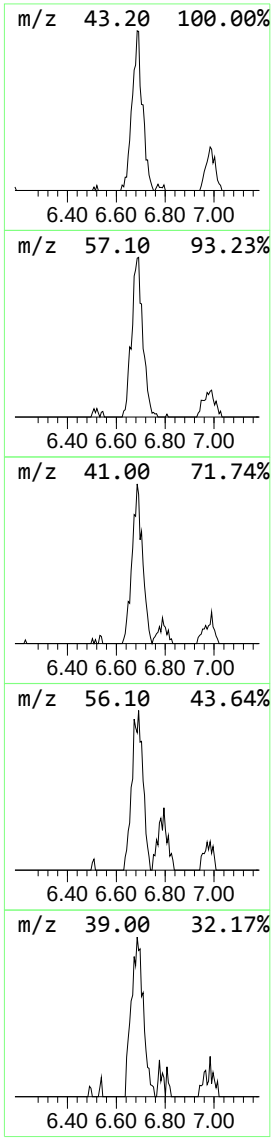
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane, 2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.685	8.12 ug/l	44071	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
3	Acetyl valeryl	128	C7H12O2	000096-04-8	43
4	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	36
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
Data File : VY007607.D
Acq On : 23 Feb 2022 18:53
Operator : SY/MD
Sample : N1584-06
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

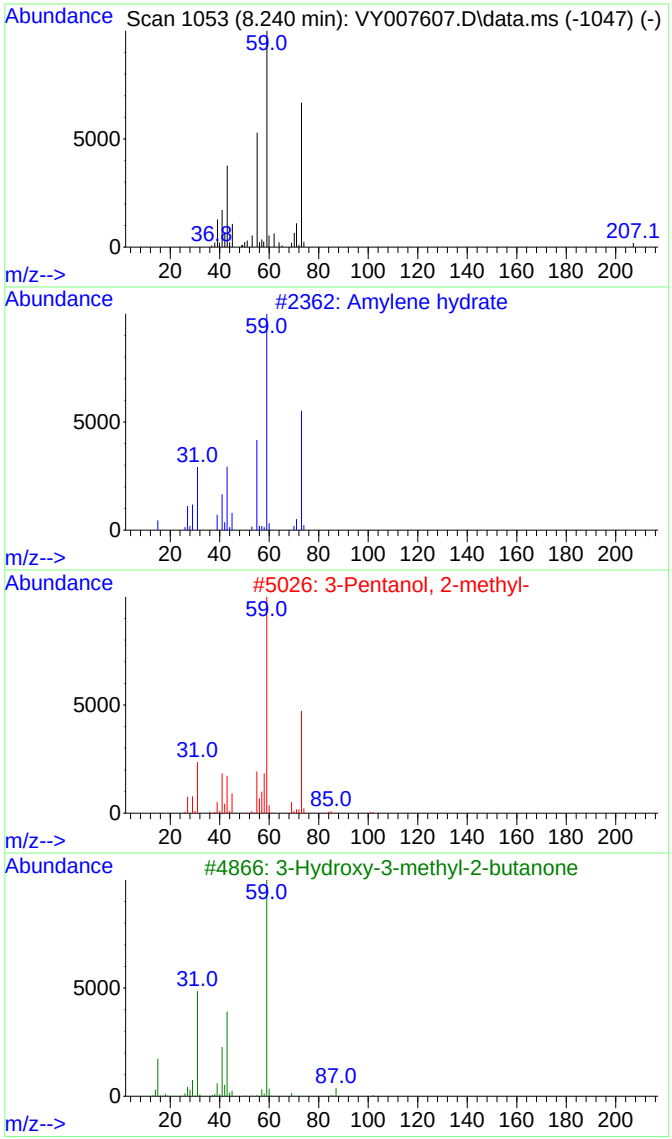
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

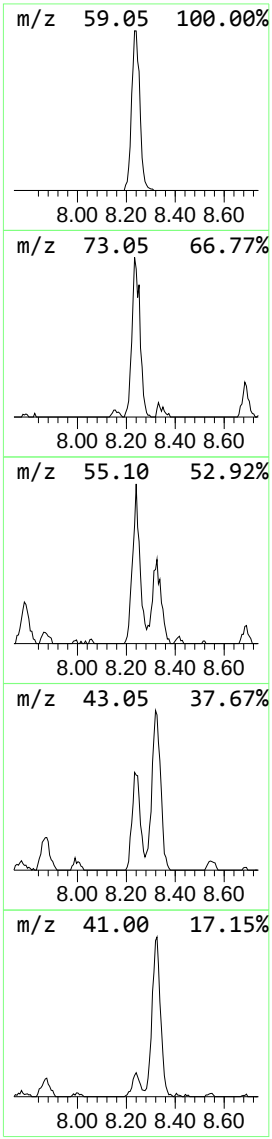
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Amylene hydrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.240	9.42 ug/l	66680	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	78
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	50
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	47
4	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	40
5	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	39





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Data File : VY007607.D
Acq On : 23 Feb 2022 18:53
Operator : SY/MD
Sample : N1584-06
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

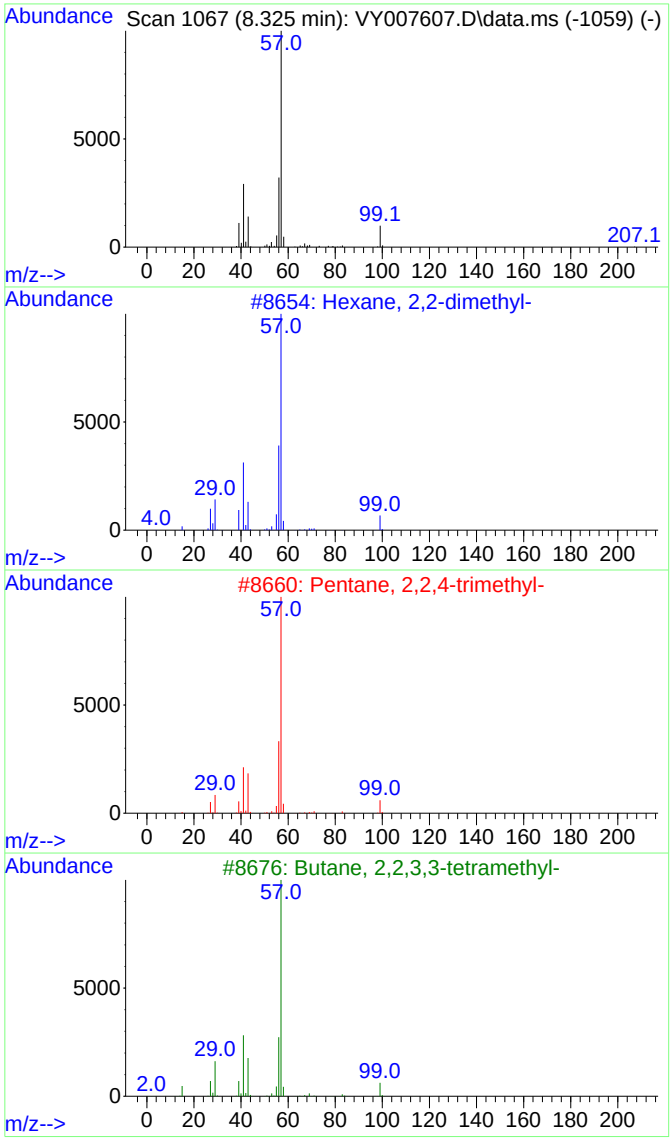
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

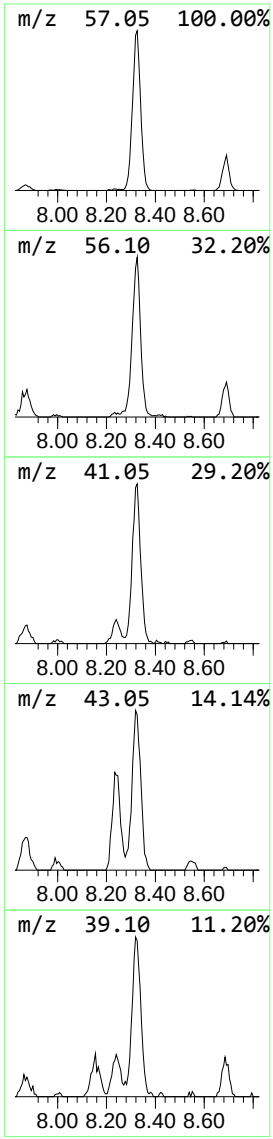
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexane, 2,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.325	24.23 ug/l	171463	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	50
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42





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Operator : SY/MD
Sample : N1584-06
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

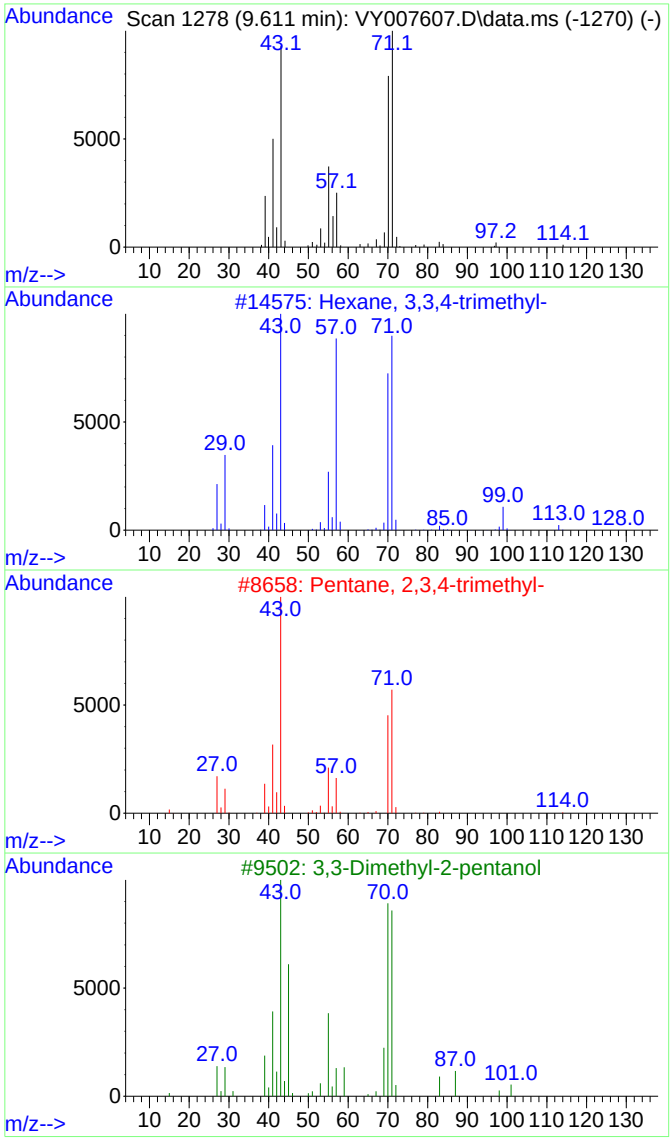
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

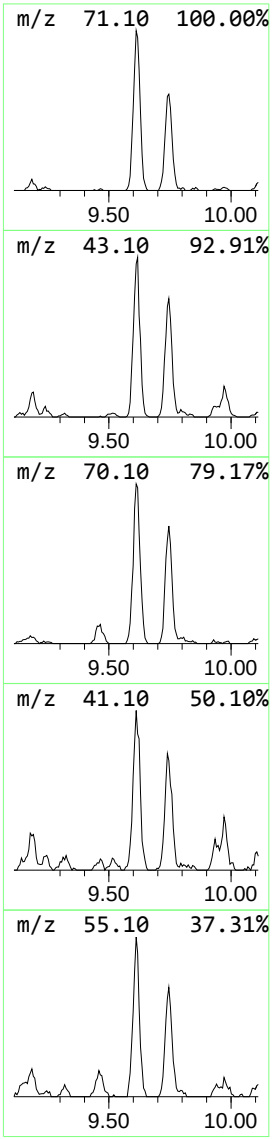
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexane, 3,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.611	15.72 ug/l	111207	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
3	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	64
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
Data File : VY007607.D
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Operator : SY/MD
Sample : N1584-06
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

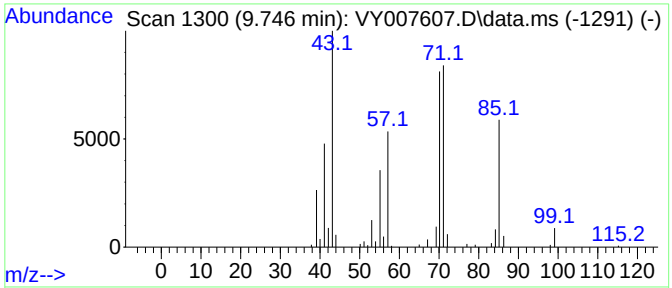
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

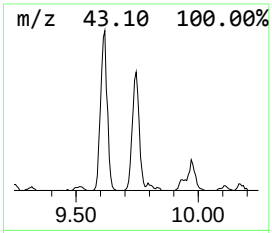
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

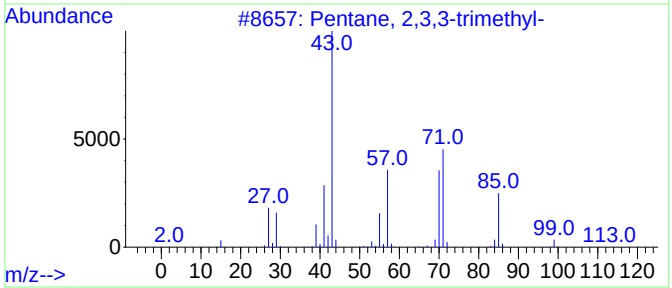
****
Peak Number 8 Pentane, 2,3,3-trimethyl- Concentration Rank 5

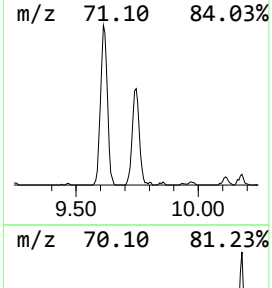
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.746	13.89 ug/l	98308	1,4-Difluorobenzene	8.691

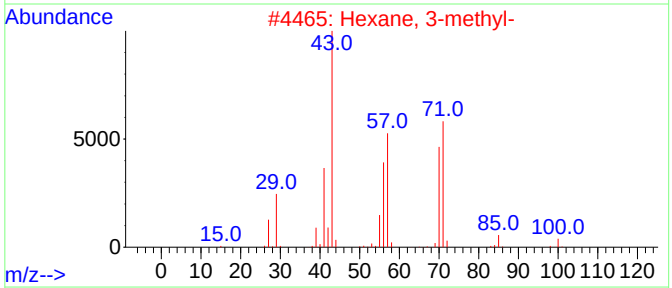
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	59
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	53
5	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	53

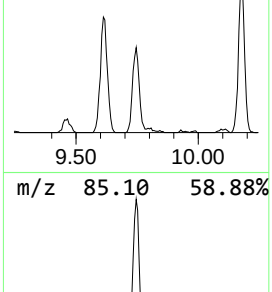


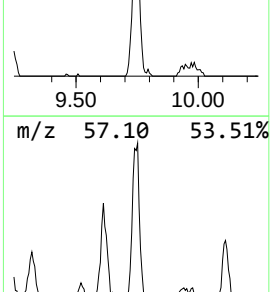


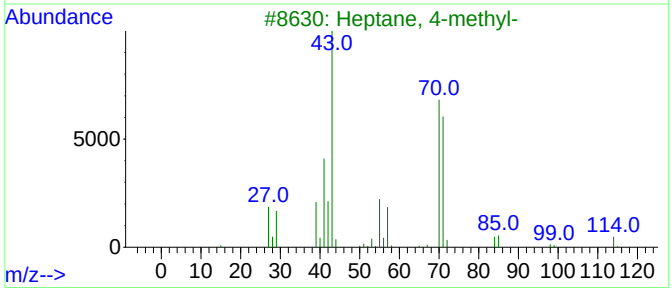


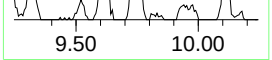












Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
Data File : VY007607.D
Acq On : 23 Feb 2022 18:53
Operator : SY/MD
Sample : N1584-06
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

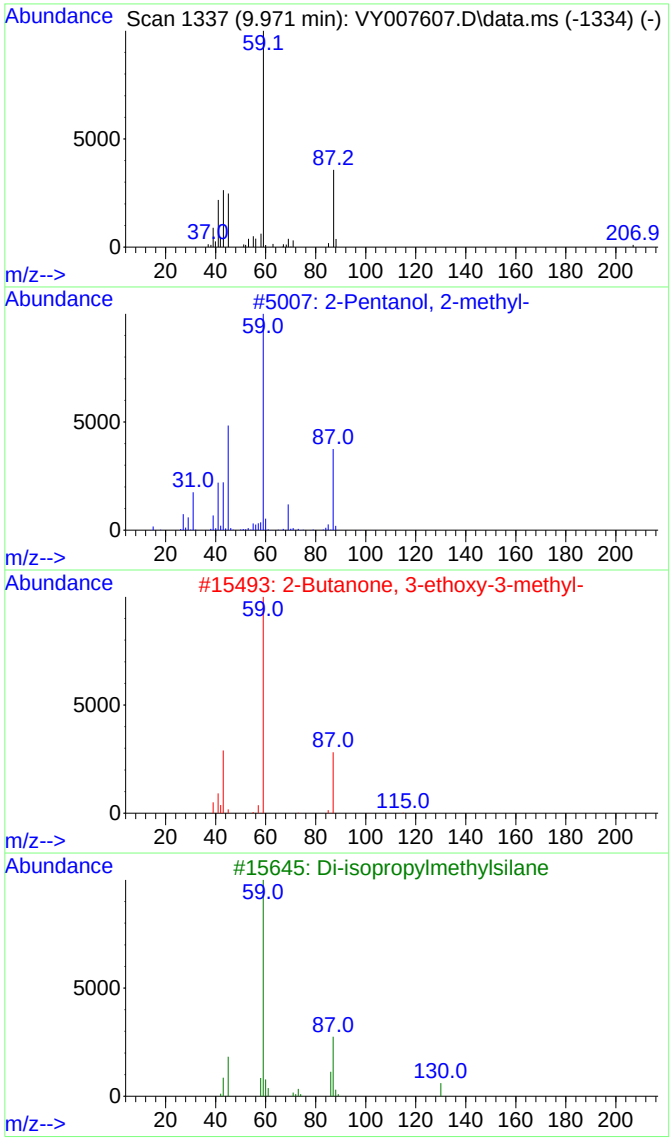
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

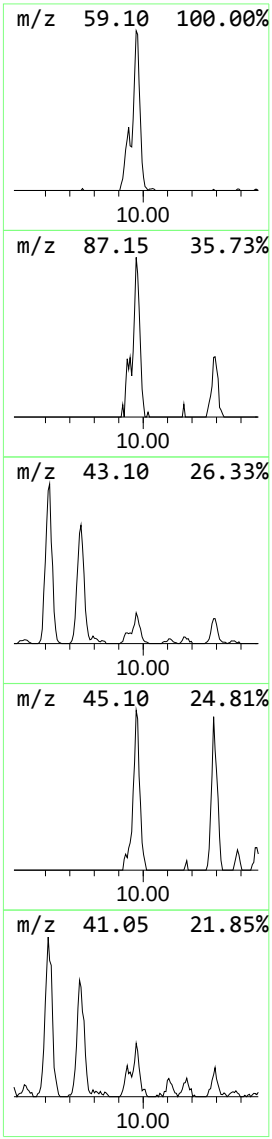
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Pentanol, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.971	5.61 ug/l	39698	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	64
2	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	42
3	Di-isopropylmethylsilane	130	C7H18Si	1000423-79-2	39
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	38
5	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
Data File : VY007607.D
Acq On : 23 Feb 2022 18:53
Operator : SY/MD
Sample : N1584-06
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

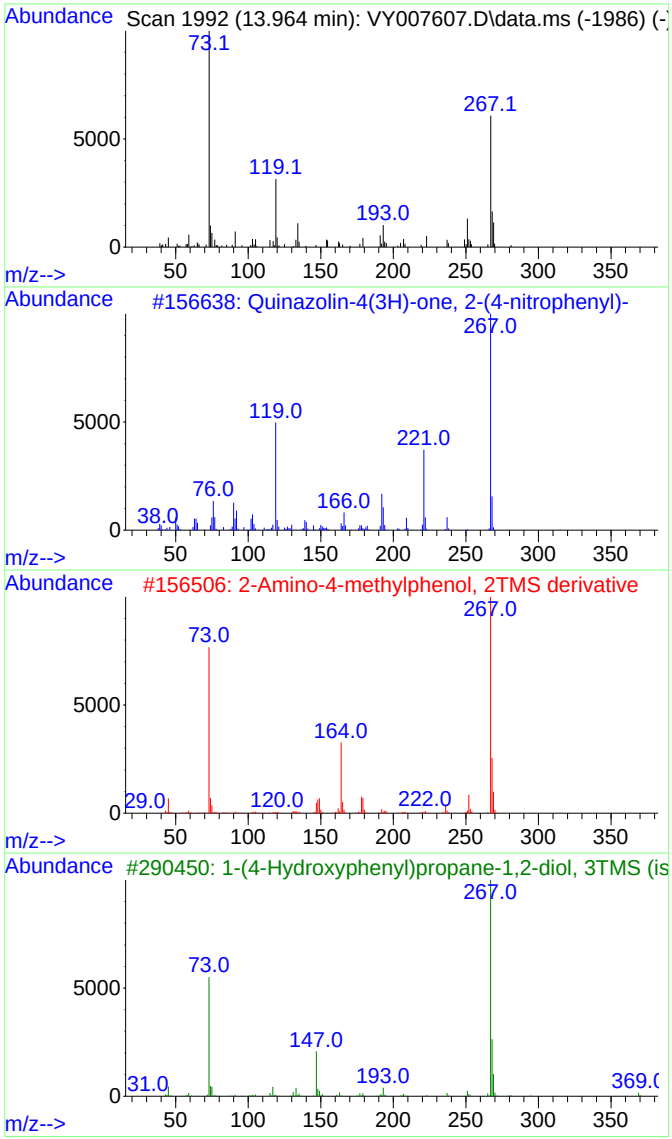
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260

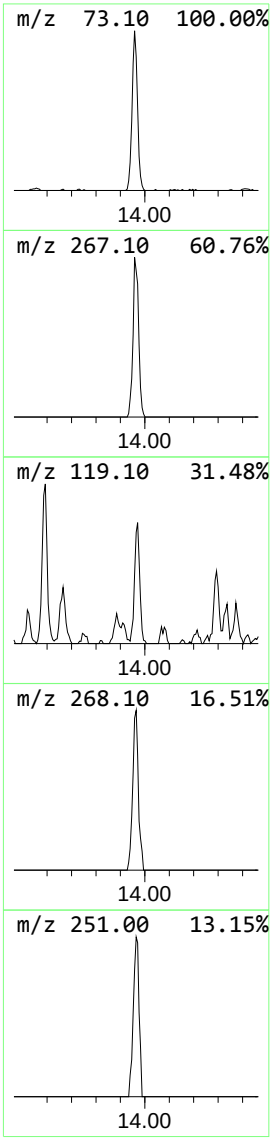
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown13.964 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.964	7.29 ug/l	70499	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinazolin-4(3H)-one, 2-(4-nitro...	267	C14H9N3O3	004765-59-7	49
2	2-Amino-4-methylphenol, 2TMS der...	267	C13H25NOSi2	1000373-28-1	47
3	1-(4-Hydroxyphenyl)propane-1,2-d...	384	C18H36O3Si3	1000495-85-7	47
4	Bamethan, 2TMS derivative	353	C18H35NO2Si2	040629-66-1	47
5	p-Trimethylsilyloxyphenyl-(trime...	398	C18H34O4Si3	1000079-05-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
Data File : VY007607.D
Acq On : 23 Feb 2022 18:53
Operator : SY/MD
Sample : N1584-06
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.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
Butane	2.247	7.2	ug/l	38823	1	7.789	271422	50.0
Butane, 2-methyl-	2.899	15.2	ug/l	82562	1	7.789	271422	50.0
unknown4.698	4.698	18.0	ug/l	97660	1	7.789	271422	50.0
Pentane, 2,4-di...	6.685	8.1	ug/l	44071	1	7.789	271422	50.0
Amylene hydrate	8.240	9.4	ug/l	66680	2	8.691	353804	50.0
Hexane, 2,2-dim...	8.325	24.2	ug/l	171463	2	8.691	353804	50.0
Hexane, 3,3,4-t...	9.611	15.7	ug/l	111207	2	8.691	353804	50.0
Pentane, 2,3,3-...	9.746	13.9	ug/l	98308	2	8.691	353804	50.0
2-Pentanol, 2-m...	9.971	5.6	ug/l	39698	2	8.691	353804	50.0
unknown13.964	13.964	7.3	ug/l	70499	4	13.422	483599	50.0