LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
Data File : VY015217.D
Acq On : 21 Aug 2023 13:51
Operator : SY/MD
Sample : 04060-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1002

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\82Y081423S.M
Title : SW846 8260

Signal : TIC: VY015217.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% max.	% of total
1	3.936	335	347	383	rBV2	18021045	57498407	37.79%	7.402%
2	6.515	754	770	785	rBV	1259063	4339522	2.85%	0.559%
3	6.679	785	797	809	rVV	3219557	10517997	6.91%	1.354%
4	7.527	916	936	958	rBV	5081087	15212877	10.00%	1.958%
5	7.758	959	974	978	rBV3	28924466	79089206	51.98%	10.182%
6	7.880	986	994	1004	rVB	23830481	58635394	38.54%	7.549%
7	8.002	1004	1014	1015	rBV2	29668323	54431343	35.77%	7.007%
8	8.270	1047	1058	1065	rBV2	13049353	31834310	20.92%	4.098%
9	8.350	1065	1071	1076	rVB2	4379900	9131500	6.00%	1.176%
10	8.417	1076	1082	1093	rVB	6567272	14722490	9.68%	1.895%
11	8.545	1093	1103	1106	rBV3	28867289	61929829	40.70%	7.973%
12	9.002	1171	1178	1192	rVB	1016382	2115644	1.39%	0.272%
13	9.185	1192	1208	1214	rBV	20489427	44116702	28.99%	5.679%
14	9.246	1214	1218	1226	rVB	1872646	3569575	2.35%	0.460%
15	9.368	1232	1238	1244	rVB	1678199	3185203	2.09%	0.410%
16	9.612	1270	1278	1290	rVB2	957440	2216634	1.46%	0.285%
17	9.758	1290	1302	1307	rBV3	1112747	2728358	1.79%	0.351%
18	9.825	1307	1313	1325	rVB2	1470116	4107966	2.70%	0.529%
19	9.965	1325	1336	1349	rBV	1196922	3794199	2.49%	0.488%
20	10.258	1365	1384	1390	rBV5	35186353	152155860	100.00%	19.588%
21	10.380	1400	1404	1412	rVB3	1950441	3430024	2.25%	0.442%
22	11.593	1596	1603	1612	rVB	28612440	47626348	31.30%	6.131%
23	11.703	1612	1621	1631	rBV3	36111858	86194503	56.65%	11.096%
24	12.026	1662	1674	1684	rBV	14508829	22368666	14.70%	2.880%
25	15.233	2189	2200	2206	rBV	1071500	1822988	1.20%	0.235%

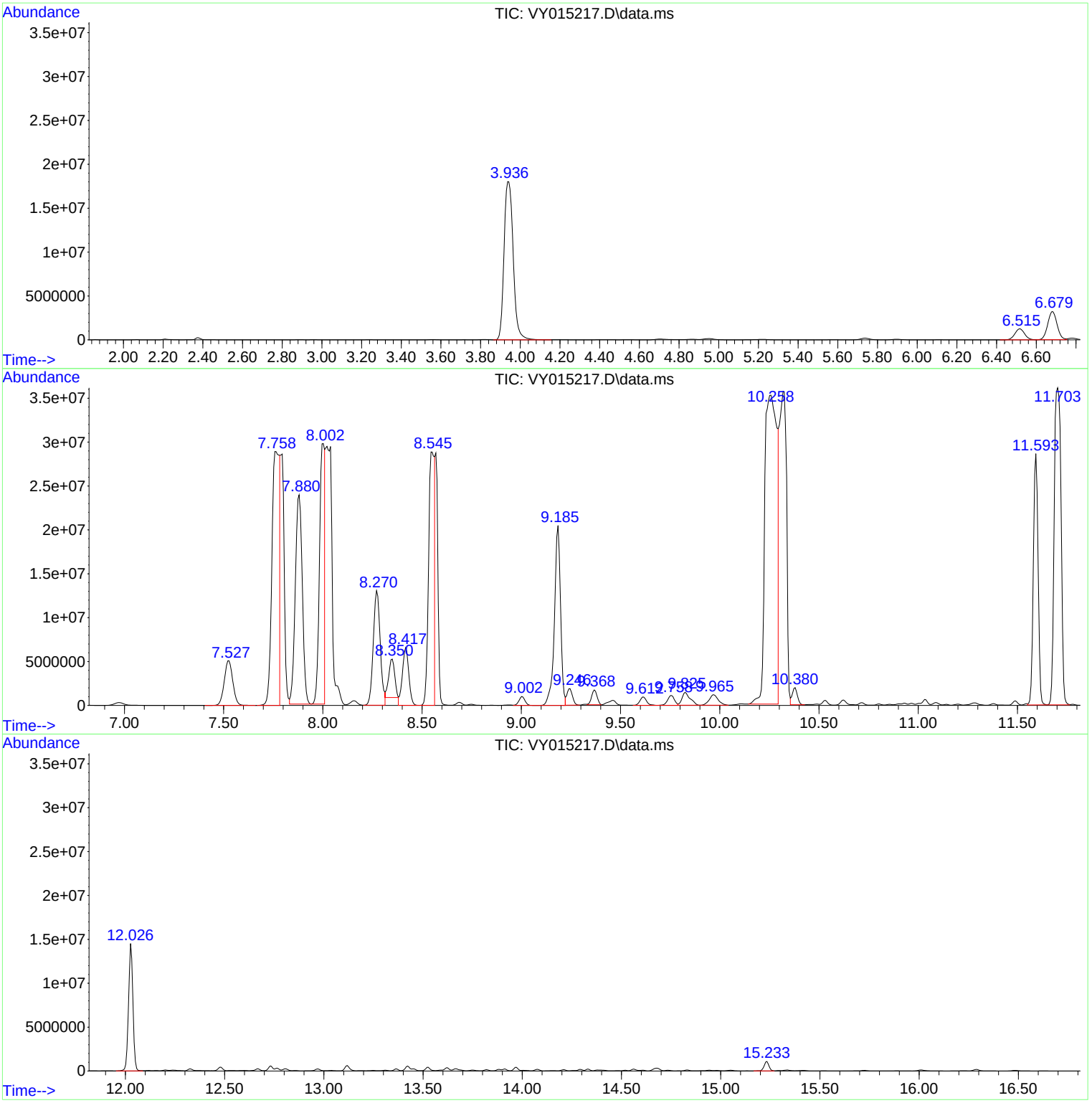
Sum of corrected areas: 776775545

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
Data File : VY015217.D
Acq On : 21 Aug 2023 13:51
Operator : SY/MD
Sample : 04060-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1002

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
Data File : VY015217.D
Acq On : 21 Aug 2023 13:51
Operator : SY/MD
Sample : 04060-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1002

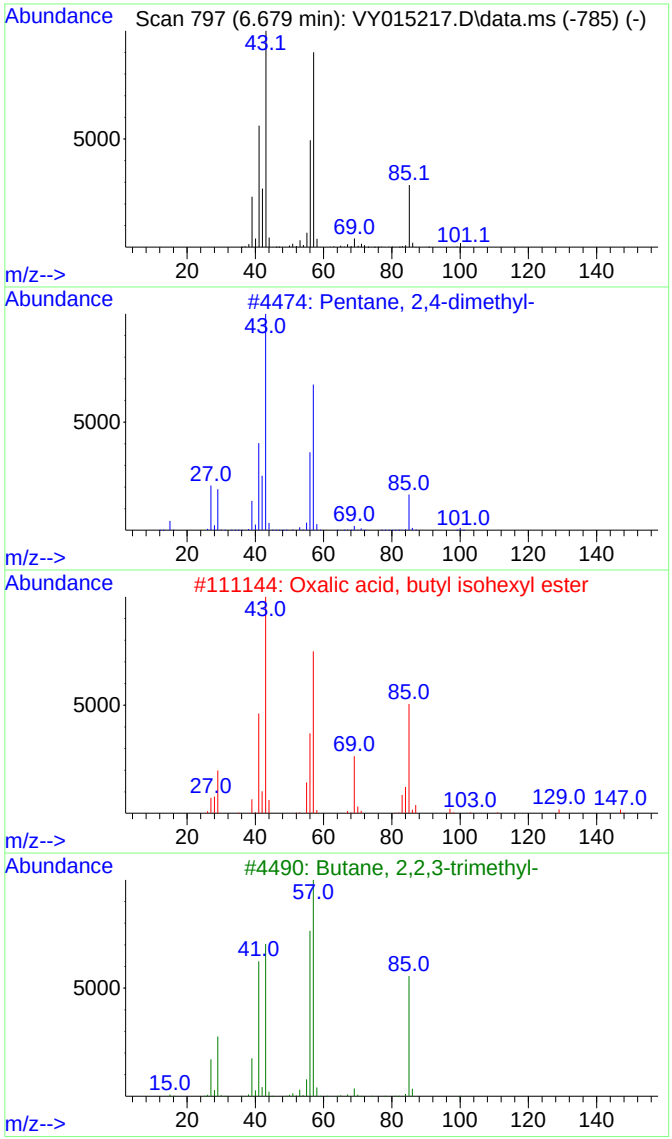
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

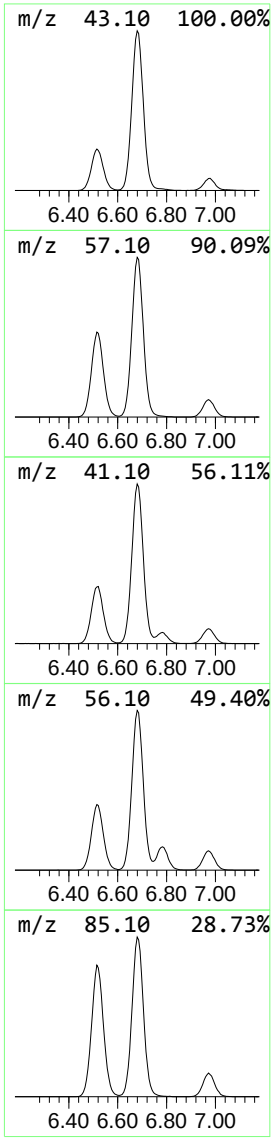
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.679	6.65 ug/l	10518000	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
Data File : VY015217.D
Acq On : 21 Aug 2023 13:51
Operator : SY/MD
Sample : 04060-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1002

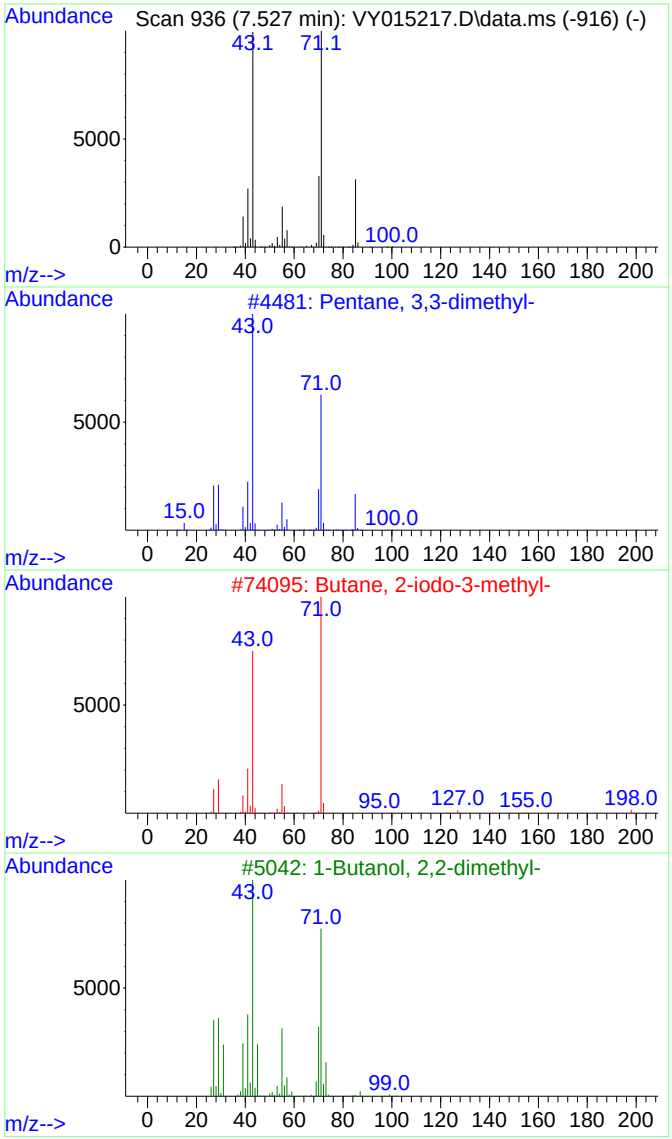
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

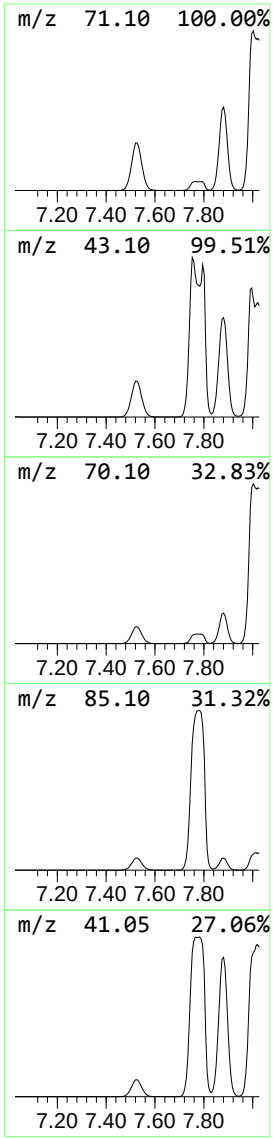
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 3,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.527	9.62 ug/l	15212900	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	83
2	Butane, 2-iodo-3-methyl-	198	C5H11I	018295-27-7	53
3	1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	45
4	Propanoic acid, 2-methyl-, 2-met...	142	C8H14O2	000816-73-9	42
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
Data File : VY015217.D
Acq On : 21 Aug 2023 13:51
Operator : SY/MD
Sample : 04060-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1002

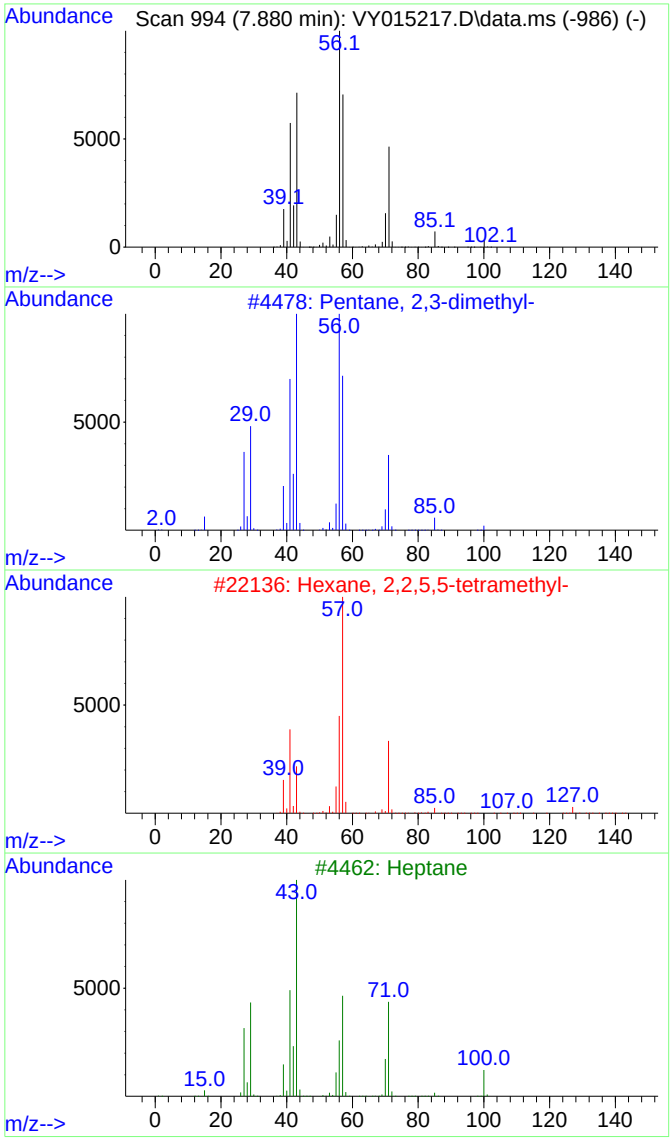
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

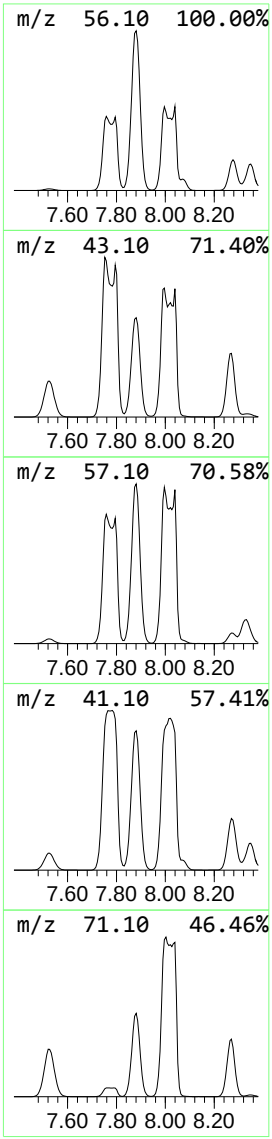
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.880	37.07 ug/l	58635400	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	56
3	Heptane	100	C7H16	000142-82-5	47
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	43
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
Data File : VY015217.D
Acq On : 21 Aug 2023 13:51
Operator : SY/MD
Sample : 04060-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1002

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

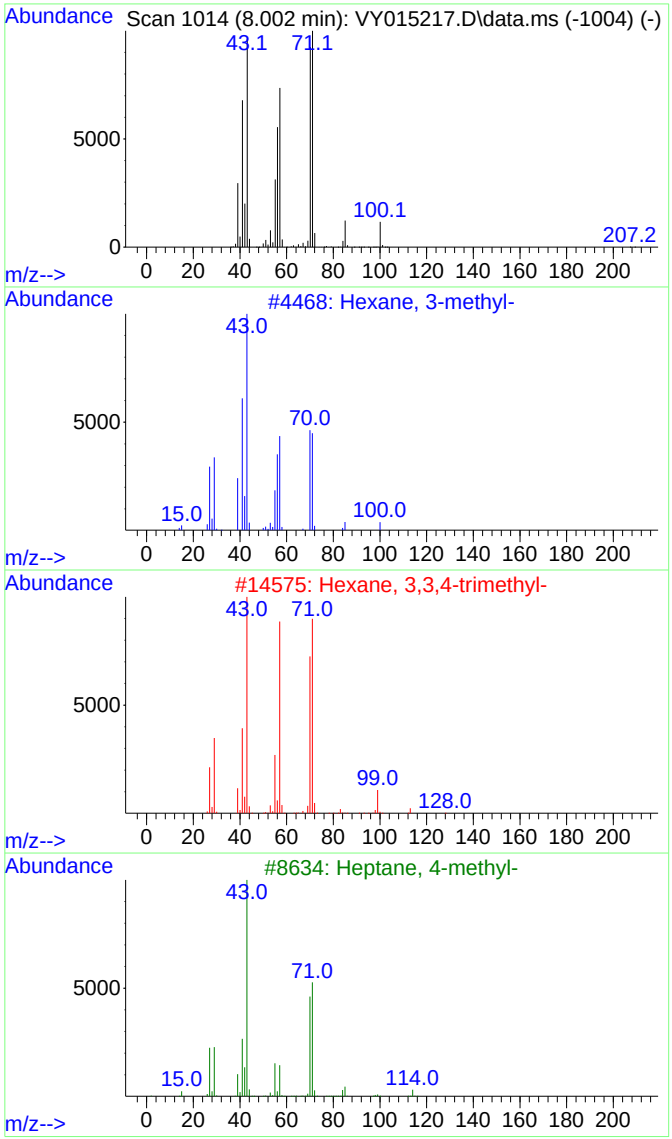
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

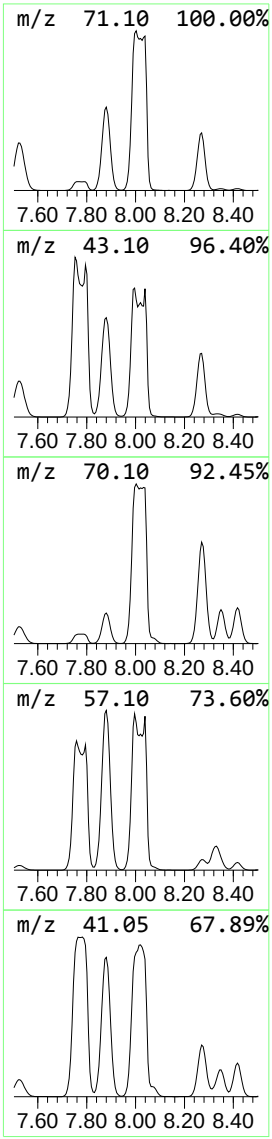
****

Peak Number 4 Hexane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.002	34.41 ug/l	54431300	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	59
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
Data File : VY015217.D
Acq On : 21 Aug 2023 13:51
Operator : SY/MD
Sample : 04060-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1002

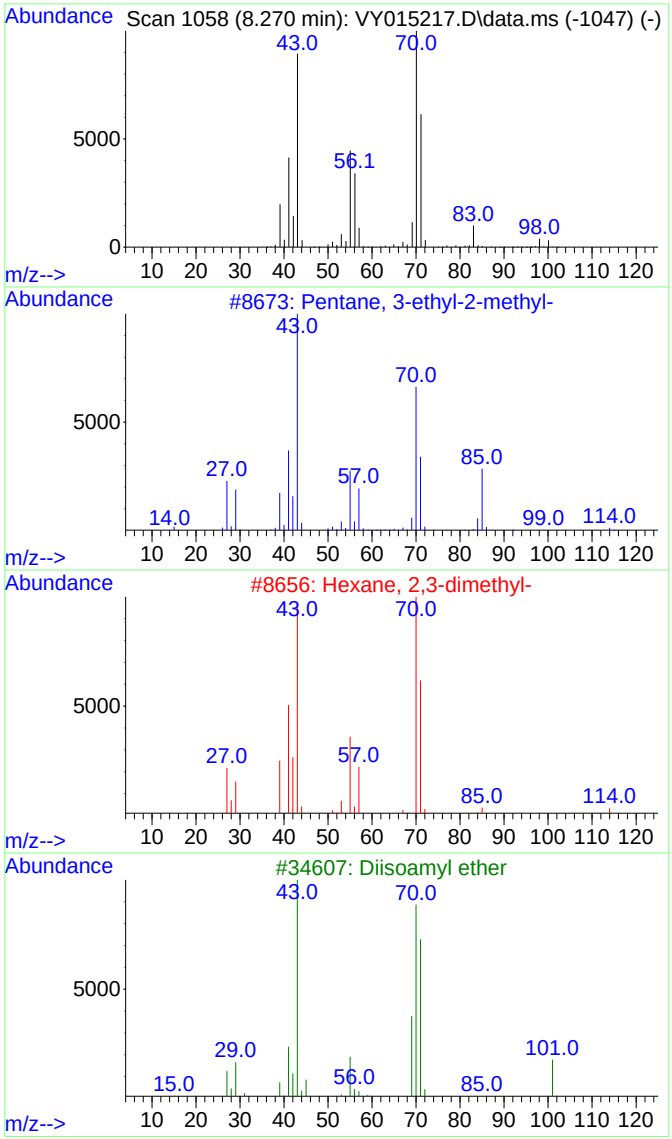
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

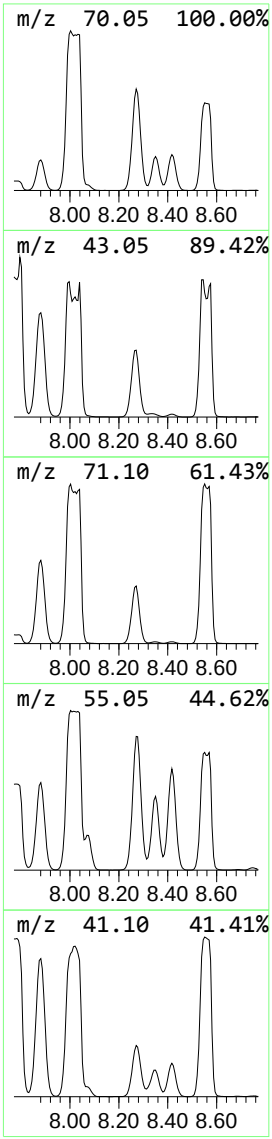
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 3-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.270	25.70 ug/l	31834300	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	72
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	45
3	Diisoamyl ether	158	C10H22O	000544-01-4	45
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	43
5	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
Data File : VY015217.D
Acq On : 21 Aug 2023 13:51
Operator : SY/MD
Sample : 04060-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1002

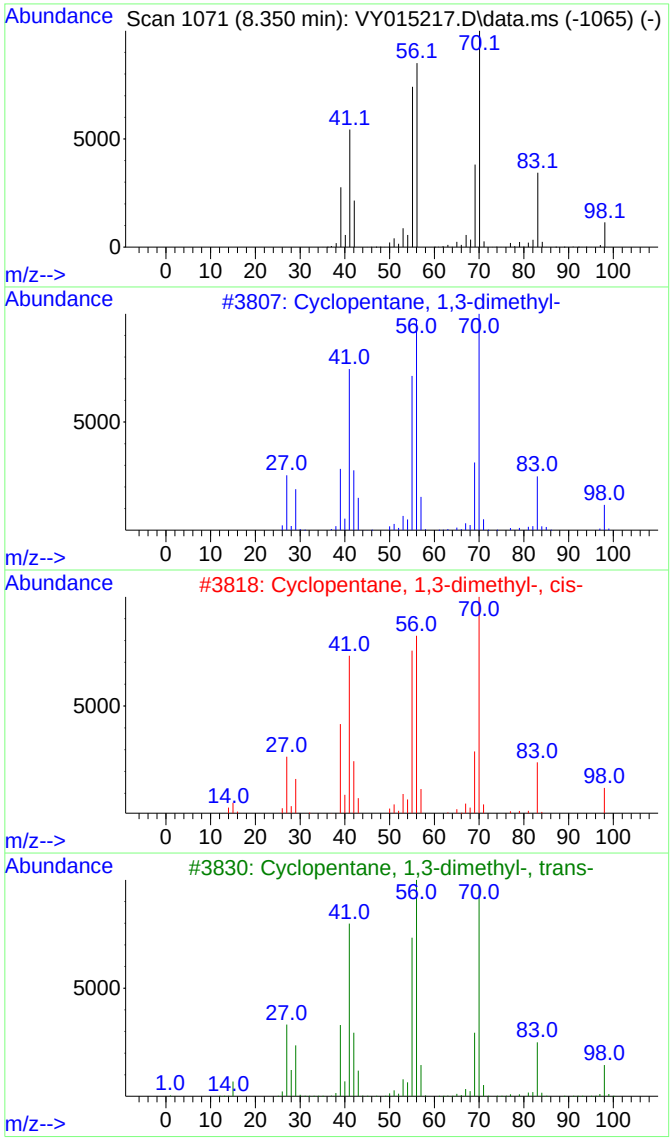
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

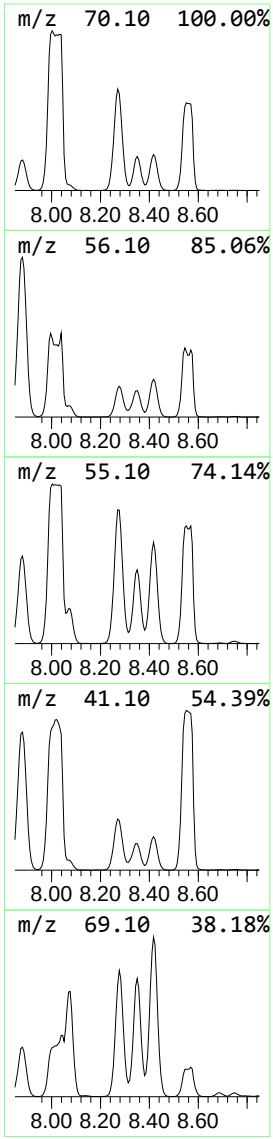
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.350	7.37 ug/l	9131500	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	90
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	86
5	1-Heptanol	116	C7H16O	000111-70-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
Data File : VY015217.D
Acq On : 21 Aug 2023 13:51
Operator : SY/MD
Sample : 04060-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1002

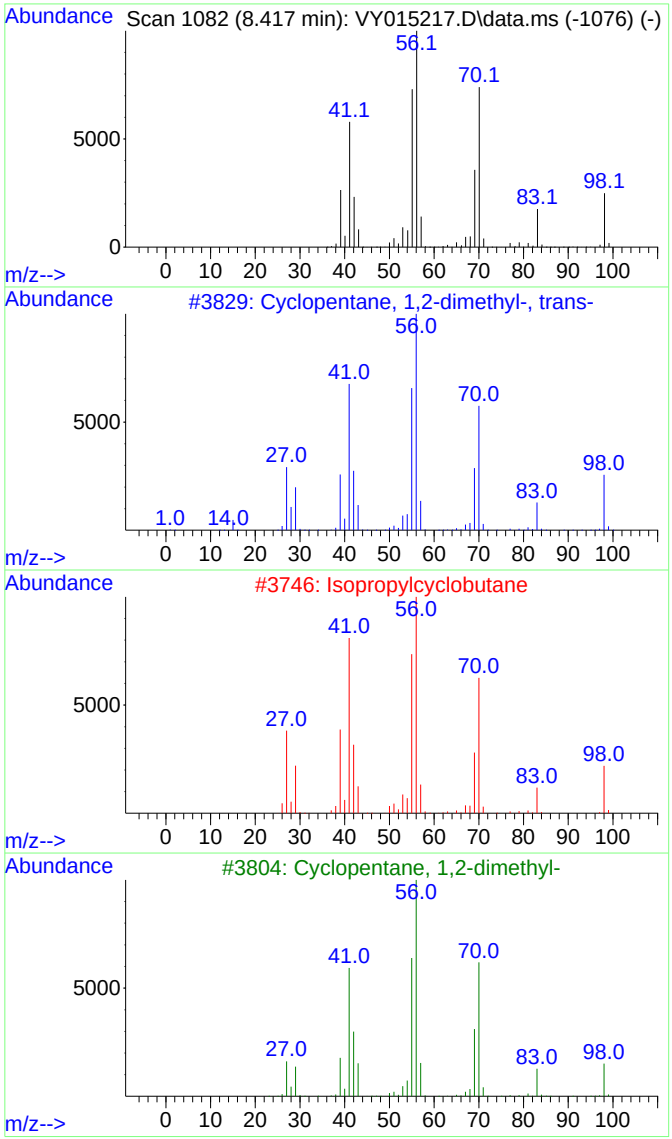
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

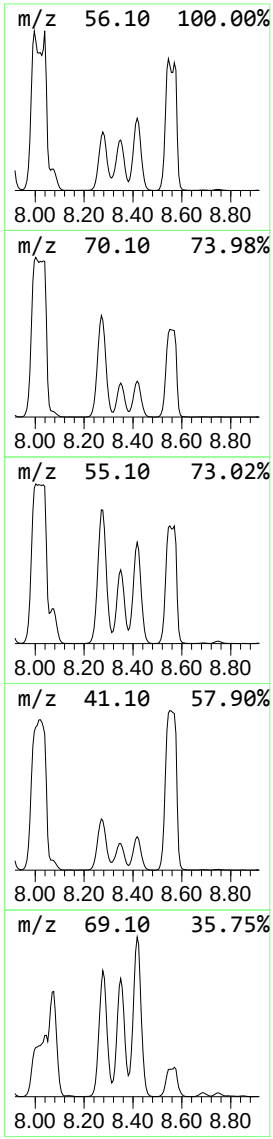
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentane, 1,2-dimethyl-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.417	11.89 ug/l	14722500	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	86
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
Data File : VY015217.D
Acq On : 21 Aug 2023 13:51
Operator : SY/MD
Sample : 04060-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1002

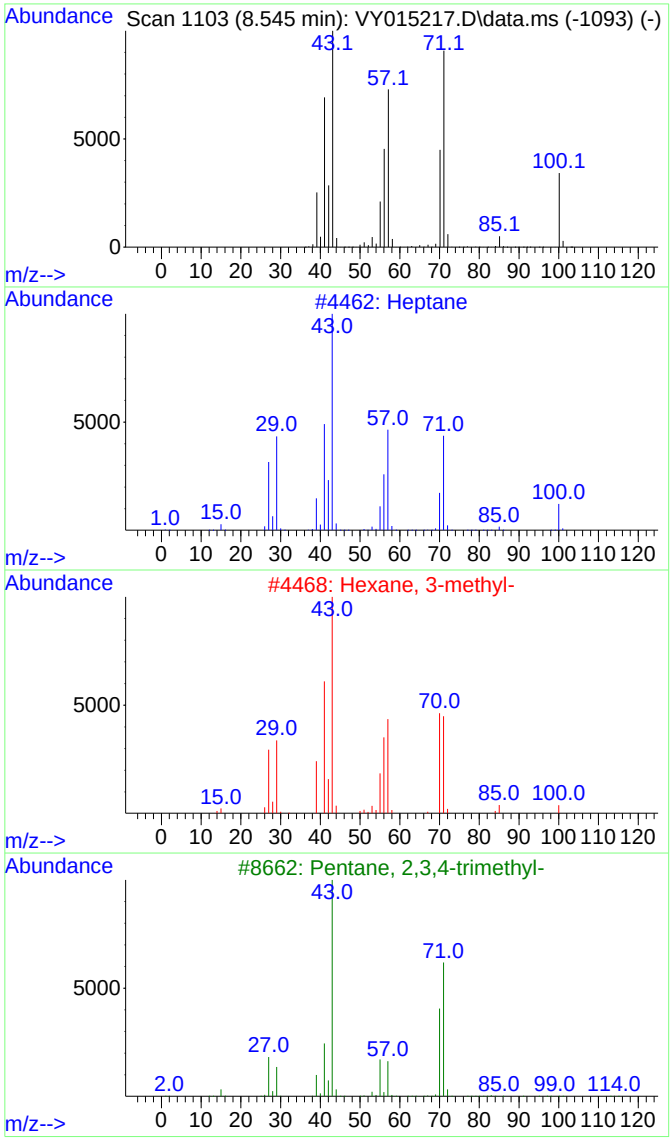
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

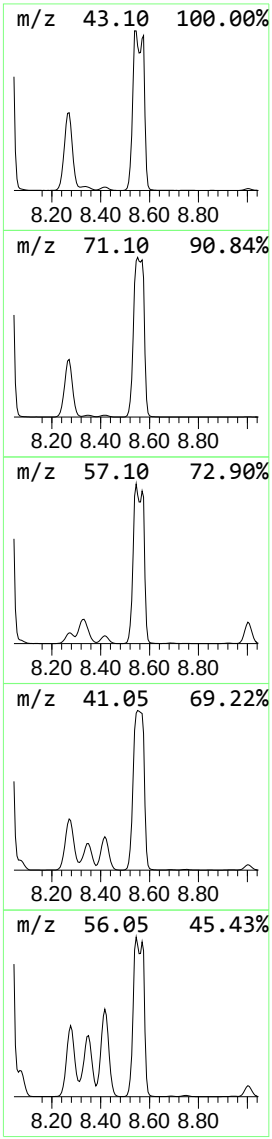
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Heptane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.545	50.00 ug/l	61929800	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	53
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	40
4	3-Hexanone	100	C6H12O	000589-38-8	38
5	Oxirane, butyl-	100	C6H12O	001436-34-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
Data File : VY015217.D
Acq On : 21 Aug 2023 13:51
Operator : SY/MD
Sample : 04060-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1002

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.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
Pentane, 2,4-di...	6.679	6.7	ug/l	10518000	1	7.789	79089200	50.0
Pentane, 3,3-di...	7.527	9.6	ug/l	15212900	1	7.789	79089200	50.0
Pentane, 2,3-di...	7.880	37.1	ug/l	58635400	1	7.789	79089200	50.0
Hexane, 3-methyl-	8.002	34.4	ug/l	54431300	1	7.789	79089200	50.0
Pentane, 3-ethy...	8.270	25.7	ug/l	31834300	2	8.685	61929800	50.0
Cyclopentane, 1...	8.350	7.4	ug/l	9131500	2	8.685	61929800	50.0
Cyclopentane, 1...	8.417	11.9	ug/l	14722500	2	8.685	61929800	50.0
Heptane	8.545	50.0	ug/l	61929800	2	8.685	61929800	50.0