LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007191.D
Acq On : 17 Jan 2022 16:50
Operator : SY/MD
Sample : N1145-02
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-2-5.5

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\82Y011322S.M
Title : SW846 8260

Signal : TIC: VY007191.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.900	9	13	22	rVB	15693	29492	2.79%	0.488%
2	2.077	34	42	57	rBV	27815	60583	5.73%	1.002%
3	2.217	59	65	69	rBV	118674	193867	18.33%	3.207%
4	2.253	69	71	82	rVB2	44552	78741	7.44%	1.303%
5	2.912	168	179	191	rBV	68638	176906	16.73%	2.927%
6	3.948	337	349	361	rBV2	11318	34918	3.30%	0.578%
7	4.716	462	475	481	rBV5	3405	12410	1.17%	0.205%
8	4.808	481	490	502	rVV3	14801	54820	5.18%	0.907%
9	4.960	503	515	534	rVB	17322	71998	6.81%	1.191%
10	5.222	541	558	578	rBV	285161	1057717	100.00%	17.499%
11	6.118	693	705	719	rBV3	19688	65138	6.16%	1.078%
12	6.795	808	816	827	rVB4	5870	17187	1.62%	0.284%
13	7.539	929	938	950	rVB2	32359	87546	8.28%	1.448%
14	7.722	958	968	973	rBV	96184	232493	21.98%	3.846%
15	7.789	973	979	992	rVB	159081	363346	34.35%	6.011%
16	8.142	1026	1037	1047	rBV2	107794	261791	24.75%	4.331%
17	8.240	1047	1053	1063	rVB5	6440	16039	1.52%	0.265%
18	8.691	1118	1127	1138	rBV	252732	489536	46.28%	8.099%
19	10.179	1364	1371	1380	rBV	382258	666939	63.05%	11.034%
20	10.880	1477	1486	1491	rVB	8045	13917	1.32%	0.230%
21	11.489	1579	1586	1597	rBV	356148	576946	54.55%	9.545%
22	11.703	1614	1621	1632	rBV	7371	15687	1.48%	0.260%
23	12.489	1742	1750	1759	rVB3	558407	983916	93.02%	16.278%
24	12.806	1798	1802	1807	rVB6	6359	10649	1.01%	0.176%
25	13.428	1897	1904	1913	rVB	287762	435026	41.13%	7.197%
26	13.965	1987	1992	1999	rVB2	21748	36701	3.47%	0.607%

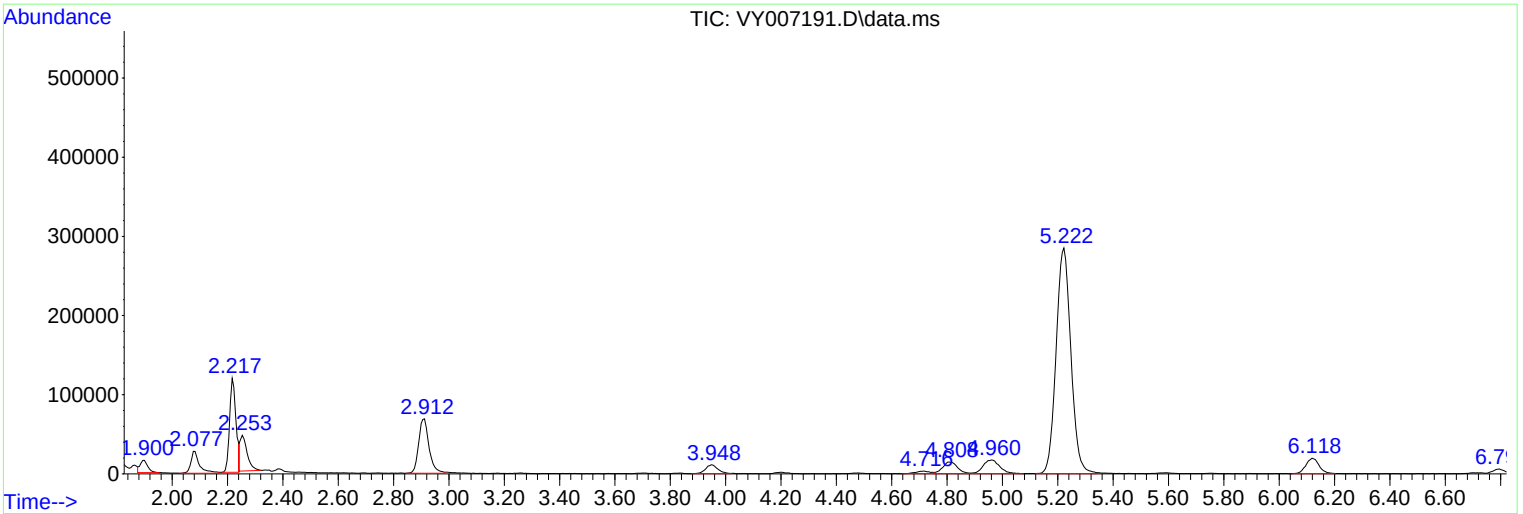
Sum of corrected areas: 6044309

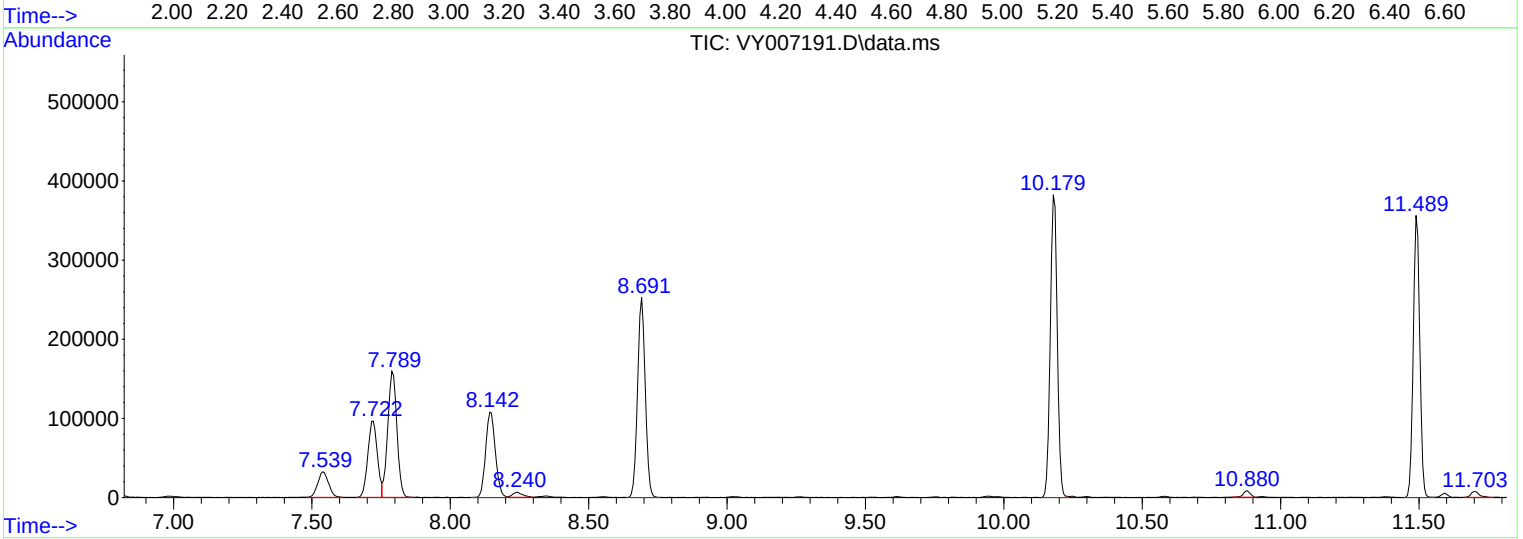
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007191.D
Acq On : 17 Jan 2022 16:50
Operator : SY/MD
Sample : N1145-02
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

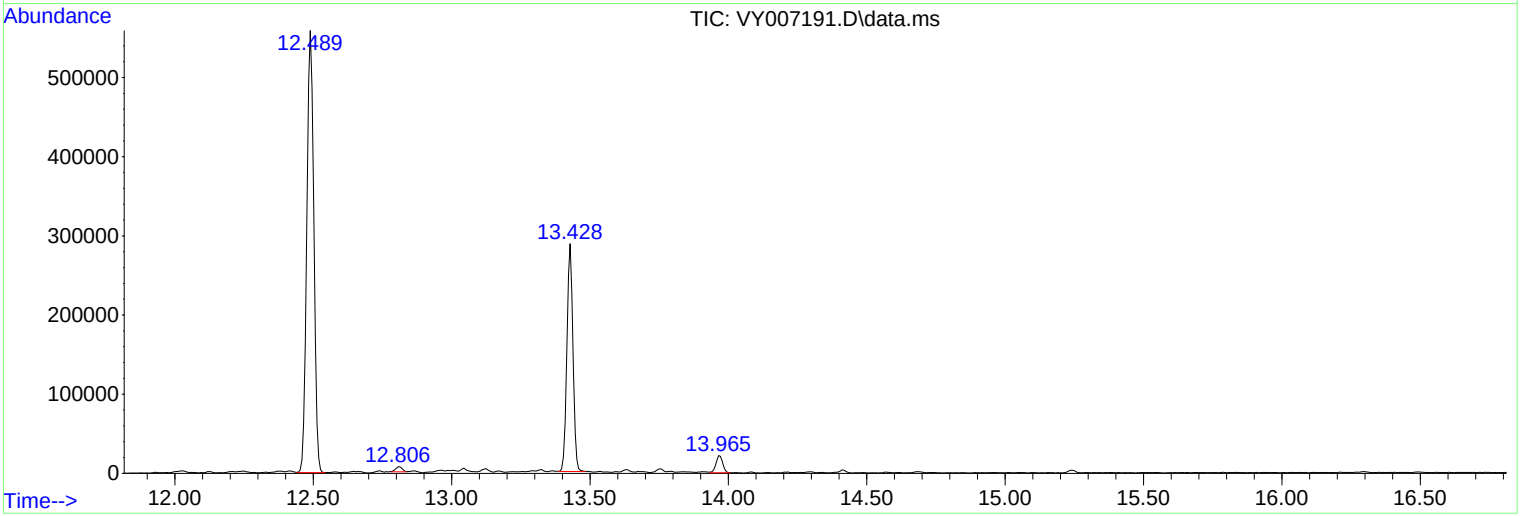
Instrument :
MSVOA_Y
ClientSampleId :
A3-2-5.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007191.D
Acq On : 17 Jan 2022 16:50
Operator : SY/MD
Sample : N1145-02
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-2-5.5

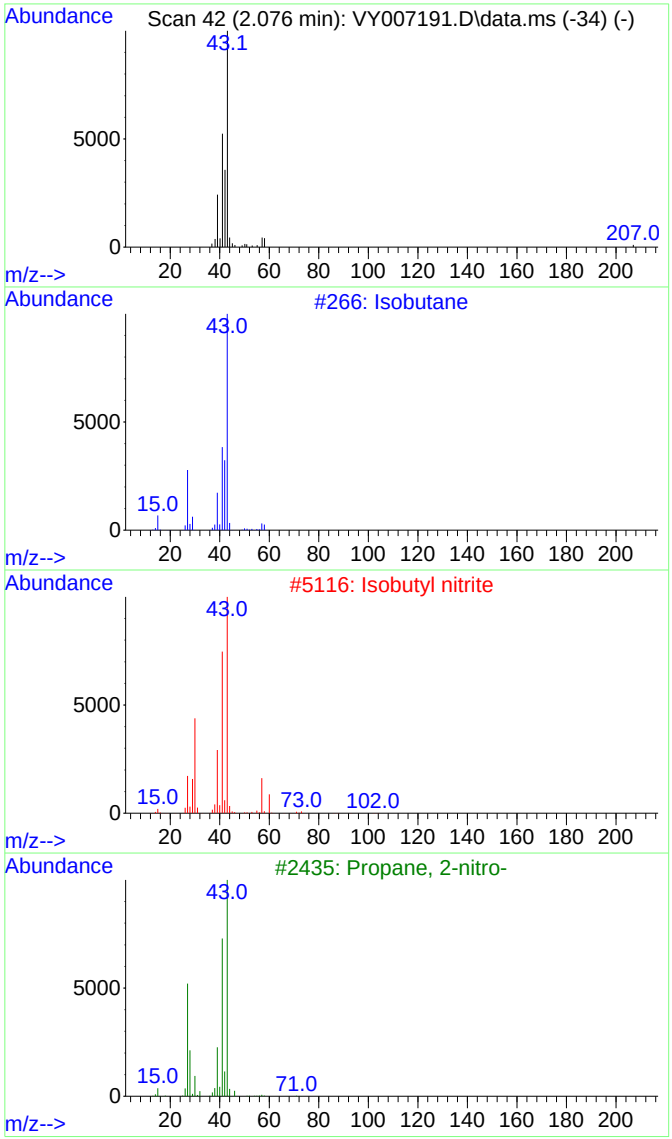
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

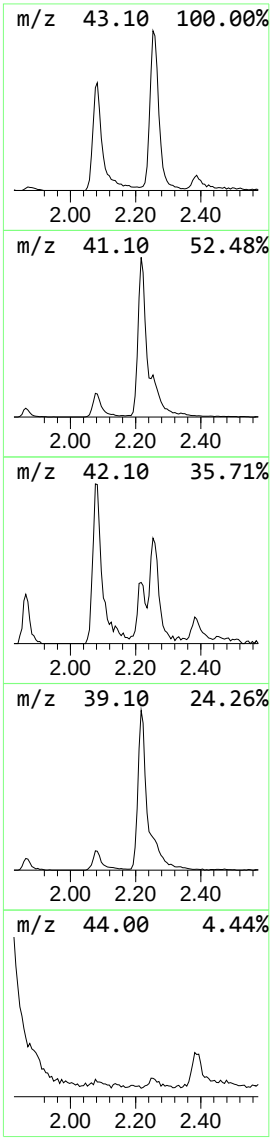
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Isobutane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.076	8.34 ug/l	60583	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutyl nitrite	103	C4H9NO2	000542-56-3	25
3	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
4	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	4
5	2-Propenoic acid, 2-methyl-, 2-p...	126	C7H10O2	000096-05-9	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007191.D
Acq On : 17 Jan 2022 16:50
Operator : SY/MD
Sample : N1145-02
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-2-5.5

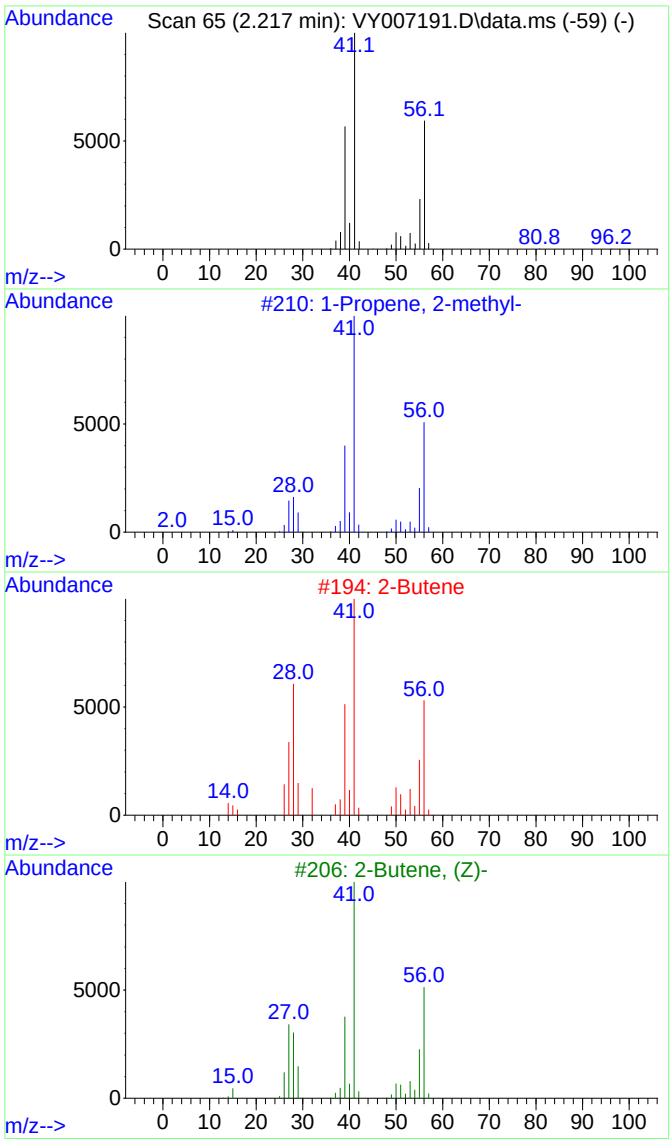
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

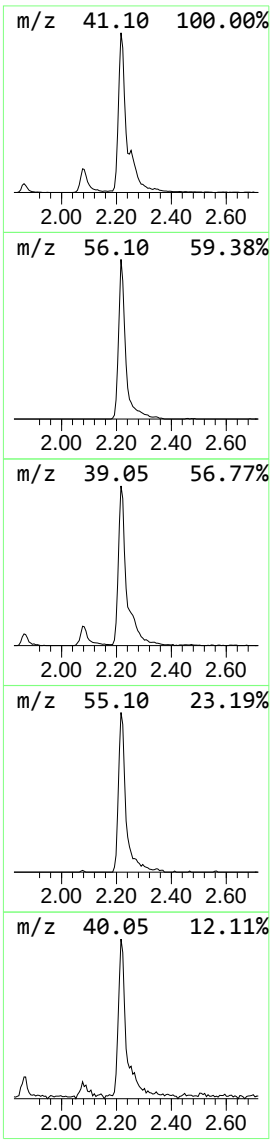
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.217	26.68 ug/l	193867	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	2-Butene	56	C4H8	000107-01-7	72
3	2-Butene, (Z)-	56	C4H8	000590-18-1	49
4	Cyclobutane	56	C4H8	000287-23-0	49
5	1-Butene	56	C4H8	000106-98-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007191.D
Acq On : 17 Jan 2022 16:50
Operator : SY/MD
Sample : N1145-02
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-2-5.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

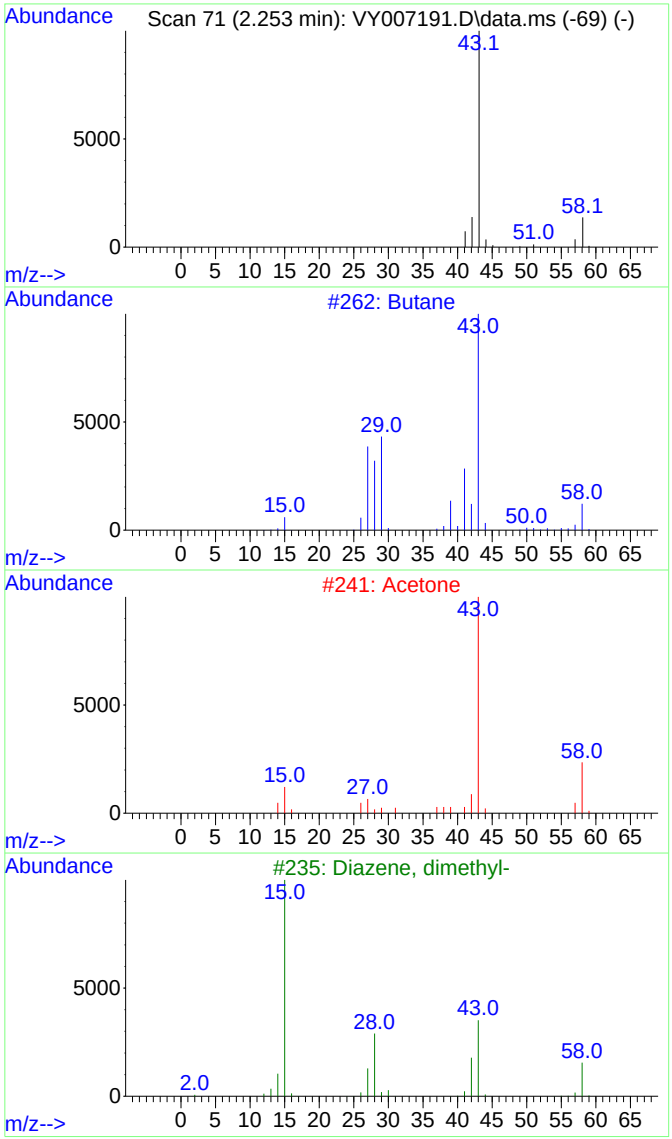
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

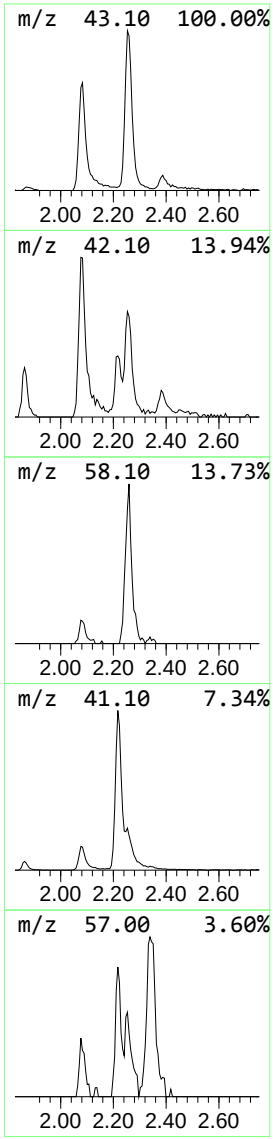
****

Peak Number 3 Butane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.253	10.84 ug/l	78741	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	74
2	Acetone	58	C3H6O	000067-64-1	4
3	Diazene, dimethyl-	58	C2H6N2	000503-28-6	4
4	Hydrogen azide	43	HN3	007782-79-8	4
5	Glyoxal	58	C2H2O2	000107-22-2	3





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007191.D
Acq On : 17 Jan 2022 16:50
Operator : SY/MD
Sample : N1145-02
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-2-5.5

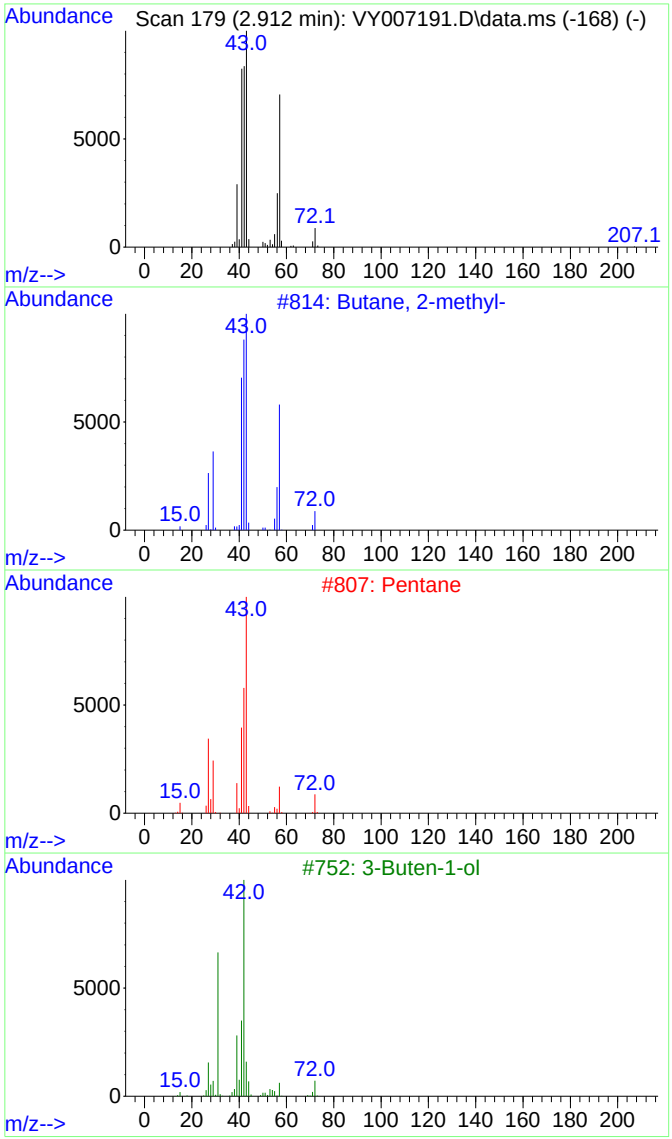
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

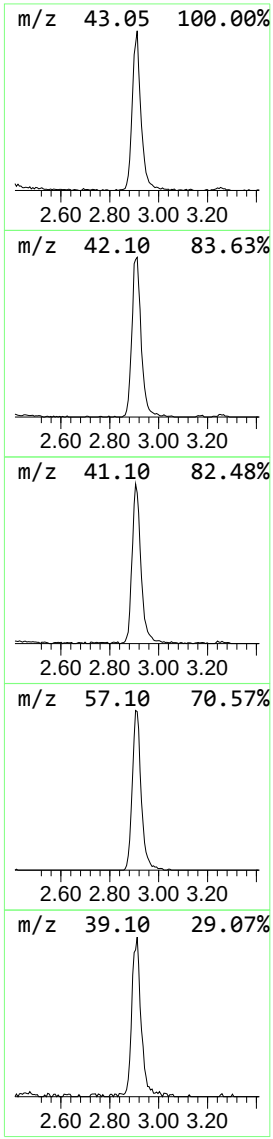
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.912	24.34 ug/l	176906	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Pentane	72	C5H12	000109-66-0	64
3	3-Buten-1-ol	72	C4H8O	000627-27-0	47
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	12
5	1,1-Diisobutoxy-butane	202	C12H26O2	013002-16-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007191.D
Acq On : 17 Jan 2022 16:50
Operator : SY/MD
Sample : N1145-02
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-2-5.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

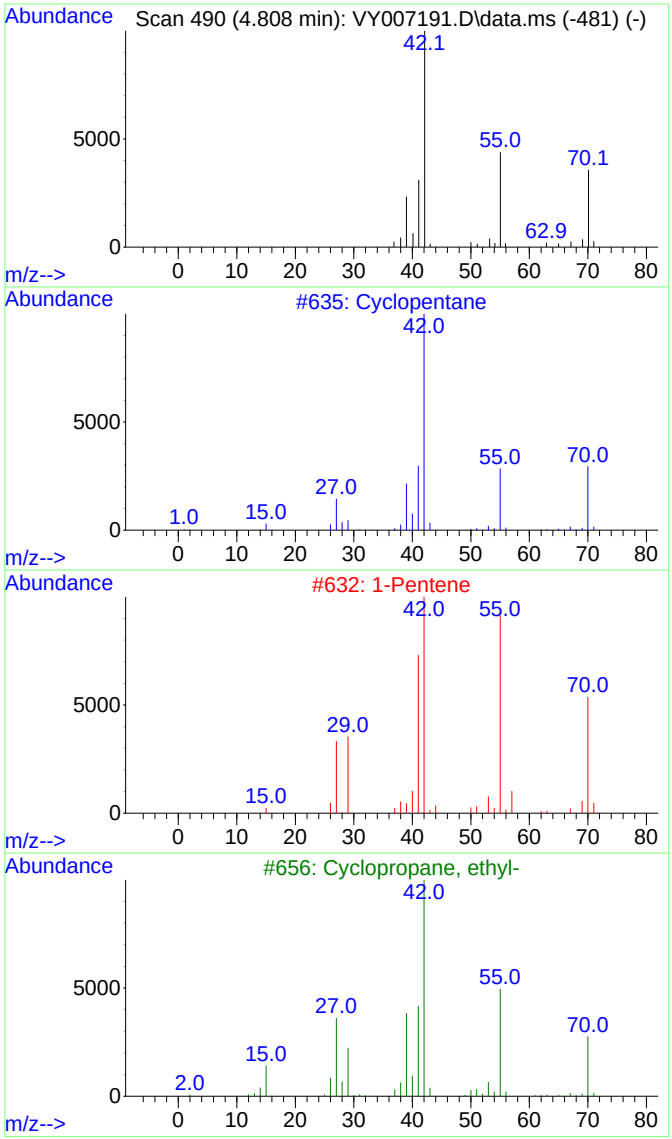
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

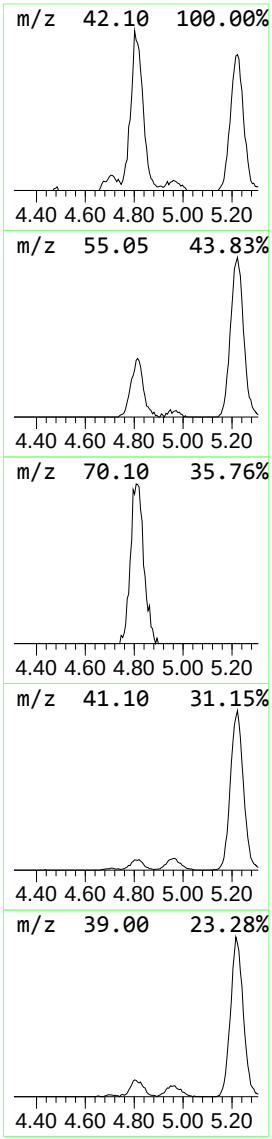
****

Peak Number 5 Cyclopentane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.808	7.54 ug/l	54820	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	1-Pentene	70	C5H10	000109-67-1	56
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	50
4	Cyclobutanone	70	C4H6O	001191-95-3	9
5	Methyl propargyl ether	70	C4H6O	000627-41-8	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007191.D
Acq On : 17 Jan 2022 16:50
Operator : SY/MD
Sample : N1145-02
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-2-5.5

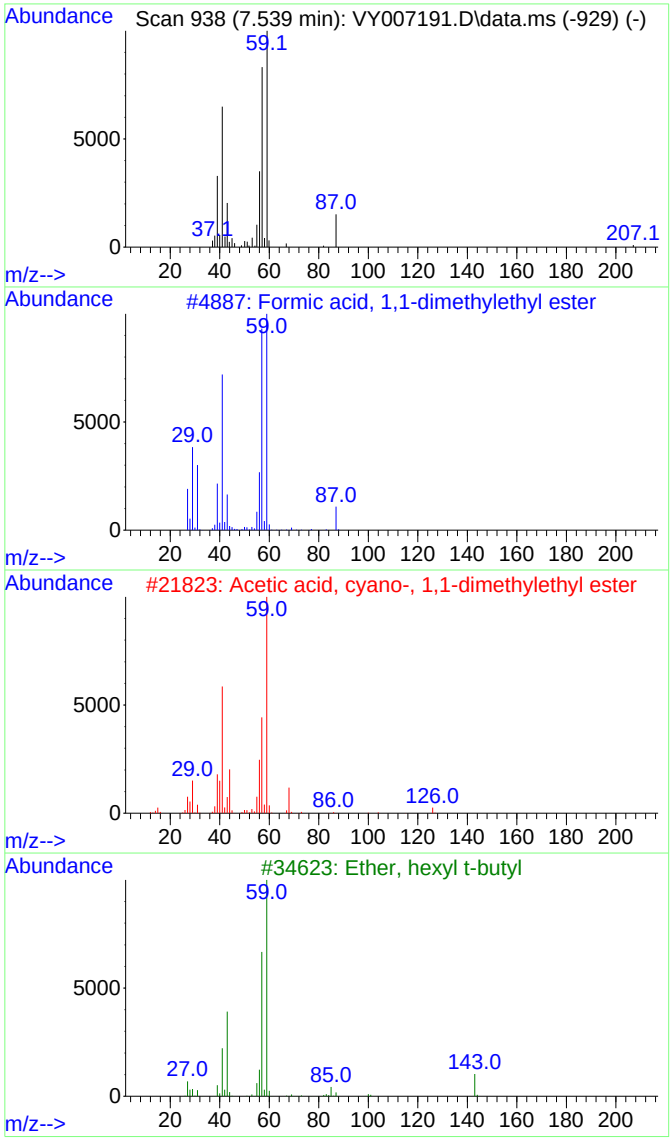
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

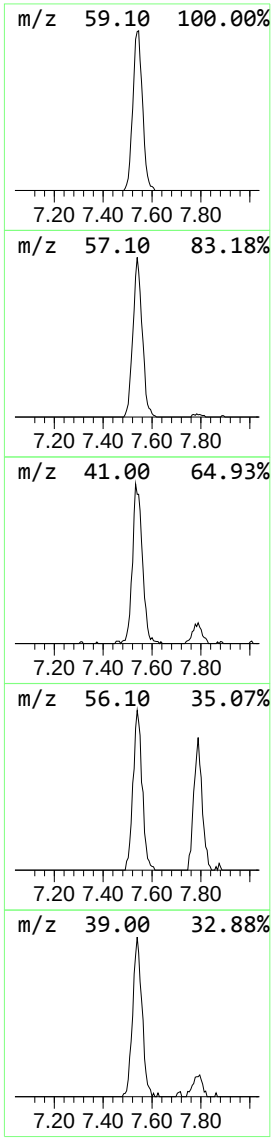
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Formic acid, 1,1-dimethylet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.539	12.05 ug/l	87546	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid, 1,1-dimethylethyl e...	102	C5H10O2	000762-75-4	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	50
3	Ether, hexyl t-butyl	158	C10H22O	069775-79-7	45
4	Propane, 2,2-diethoxy-	132	C7H16O2	000126-84-1	40
5	Sulfurous acid, bis(2-methylprop...	194	C8H18O3S	018748-27-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007191.D
Acq On : 17 Jan 2022 16:50
Operator : SY/MD
Sample : N1145-02
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-2-5.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.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
Isobutane	2.076	8.3	ug/l	60583	1	7.789	363346	50.0
1-Propene, 2-me...	2.217	26.7	ug/l	193867	1	7.789	363346	50.0
Butane	2.253	10.8	ug/l	78741	1	7.789	363346	50.0
Butane, 2-methyl-	2.912	24.3	ug/l	176906	1	7.789	363346	50.0
Cyclopentane	4.808	7.5	ug/l	54820	1	7.789	363346	50.0
Formic acid, 1,...	7.539	12.1	ug/l	87546	1	7.789	363346	50.0