LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

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: VY007222.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.259	62	72	84	rBV	94247	175915	7.05%	0.910%
2	2.912	167	179	200	rBV	345733	873458	34.99%	4.516%
3	3.259	227	236	257	rVB2	171274	452897	18.14%	2.342%
4	3.448	258	267	278	rVB2	27122	63636	2.55%	0.329%
5	3.606	284	293	300	rBV3	12973	31714	1.27%	0.164%
6	3.698	300	308	329	rVB	64679	176227	7.06%	0.911%
7	3.948	339	349	367	rVB3	19267	65634	2.63%	0.339%
8	4.716	461	475	476	rVV2	53950	143204	5.74%	0.740%
9	4.771	477	484	515	rVB6	125125	603807	24.19%	3.122%
10	5.240	548	561	581	rBV	72442	269453	10.79%	1.393%
11	5.563	601	614	626	rBV3	15605	51924	2.08%	0.268%
12	5.746	632	644	661	rBV2	52953	166412	6.67%	0.860%
13	5.917	663	672	682	rBV2	8257	26008	1.04%	0.134%
14	6.100	691	702	715	rVB2	36793	113425	4.54%	0.586%
15	6.240	715	725	733	rBV2	21763	67695	2.71%	0.350%
16	6.539	764	774	788	rBV2	33769	102392	4.10%	0.529%
17	6.691	788	799	807	rBV2	35536	115532	4.63%	0.597%
18	6.795	807	816	825	rBV2	110363	328318	13.15%	1.697%
19	7.527	928	936	947	rVB	69313	169056	6.77%	0.874%
20	7.722	957	968	972	rBV2	89710	228222	9.14%	1.180%
21	7.789	972	979	986	rVV4	196947	554880	22.23%	2.869%
22	7.874	986	993	1005	rVB2	96529	255256	10.22%	1.320%
23	8.002	1005	1014	1022	rBV	72368	173699	6.96%	0.898%
24	8.142	1029	1037	1047	rBV	87353	190121	7.62%	0.983%
25	8.325	1051	1067	1078	rVV	151521	533924	21.39%	2.761%
26	8.423	1078	1083	1093	rVB2	19660	50941	2.04%	0.263%
27	8.545	1093	1103	1115	rVB3	39244	89890	3.60%	0.465%
28	8.691	1117	1127	1139	rBV	272734	584585	23.42%	3.022%
29	8.971	1168	1173	1185	rVB3	18699	44818	1.80%	0.232%
30	9.185	1193	1208	1214	rBV3	98614	265778	10.65%	1.374%
31	9.246	1214	1218	1225	rVV	40528	75648	3.03%	0.391%
32	9.368	1234	1238	1244	rVB	19178	35436	1.42%	0.183%
33	9.465	1244	1254	1259	rBV5	10361	26352	1.06%	0.136%
34	9.618	1272	1279	1288	rVB2	94139	187090	7.49%	0.967%
35	9.715	1288	1295	1296	rBV	34489	56501	2.26%	0.292%
36	9.758	1296	1302	1308	rVB3	100839	222287	8.90%	1.149%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
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Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

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

37	9.819	1308	1312	1316	rBV	33030	59174	2.37%	0.306%
38	9.959	1325	1335	1346	rBV	58263	138140	5.53%	0.714%
39	10.063	1346	1352	1355	rBV	19509	35754	1.43%	0.185%
40	10.111	1355	1360	1365	rVB	45534	80578	3.23%	0.417%
41	10.178	1365	1371	1378	rBV	375004	661972	26.52%	3.423%
42	10.246	1378	1382	1387	rVB	37009	61696	2.47%	0.319%
43	10.374	1395	1403	1409	rVB4	26819	65638	2.63%	0.339%
44	10.611	1436	1442	1453	rBV7	22675	64581	2.59%	0.334%
45	10.715	1454	1459	1464	rVB	14352	25513	1.02%	0.132%
46	10.806	1464	1474	1478	rBV2	15196	30507	1.22%	0.158%
47	10.904	1484	1490	1497	rBV	23273	44840	1.80%	0.232%
48	11.276	1543	1551	1563	rVB4	38406	104643	4.19%	0.541%
49	11.379	1563	1568	1578	rBV	38693	76877	3.08%	0.397%
50	11.489	1579	1586	1594	rBV	349949	592562	23.74%	3.064%
51	11.593	1594	1603	1612	rVB	1584546	2496463	100.00%	12.907%
52	11.703	1612	1621	1632	rBV	785790	1508944	60.44%	7.802%
53	12.032	1664	1675	1683	rVB	272538	465532	18.65%	2.407%
54	12.123	1683	1690	1695	rVB	18897	34185	1.37%	0.177%
55	12.331	1719	1724	1730	rBV	71239	128541	5.15%	0.665%
56	12.489	1740	1750	1759	rVB3	512396	988582	39.60%	5.111%
57	12.672	1775	1780	1786	rVB	205609	310898	12.45%	1.607%
58	12.769	1791	1796	1800	rVV	84963	132702	5.32%	0.686%
59	12.812	1800	1803	1822	rVB	79453	150205	6.02%	0.777%
60	12.977	1822	1830	1838	rBV	194177	332094	13.30%	1.717%
61	13.123	1848	1854	1859	rVB	61749	98188	3.93%	0.508%
62	13.251	1867	1875	1879	rBV4	19071	51288	2.05%	0.265%
63	13.428	1897	1904	1907	rVV	333808	536941	21.51%	2.776%
64	13.458	1907	1909	1915	rVB	180973	238625	9.56%	1.234%
65	13.629	1932	1937	1942	rVB	416158	621275	24.89%	3.212%
66	13.824	1962	1969	1975	rVV2	28925	55962	2.24%	0.289%
67	13.891	1975	1980	1987	rVV2	21904	43070	1.73%	0.223%
68	13.970	1987	1993	1999	rVV2	128638	212226	8.50%	1.097%
69	14.031	1999	2003	2007	rVV	16845	26610	1.07%	0.138%
70	14.080	2007	2011	2018	rVB	71125	113651	4.55%	0.588%
71	14.159	2018	2024	2030	rBV3	19283	33174	1.33%	0.172%
72	14.300	2037	2047	2051	rBV	59634	96810	3.88%	0.501%
73	14.568	2086	2091	2096	rBV	60034	89744	3.59%	0.464%
74	14.690	2103	2111	2116	rBV3	105703	200996	8.05%	1.039%
75	14.745	2116	2120	2126	rVB3	14380	26230	1.05%	0.136%
76	14.836	2126	2135	2143	rBV2	32237	57821	2.32%	0.299%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

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

77	14.946	2143	2153	2157	rBV3	19325	41076	1.65%	0.212%
78	15.056	2165	2171	2177	rVB3	16196	31605	1.27%	0.163%
79	15.239	2189	2201	2208	rBV	285822	466945	18.70%	2.414%
80	16.293	2367	2374	2385	rVB	44528	88539	3.55%	0.458%
81	16.494	2399	2407	2414	rBV	23468	47768	1.91%	0.247%

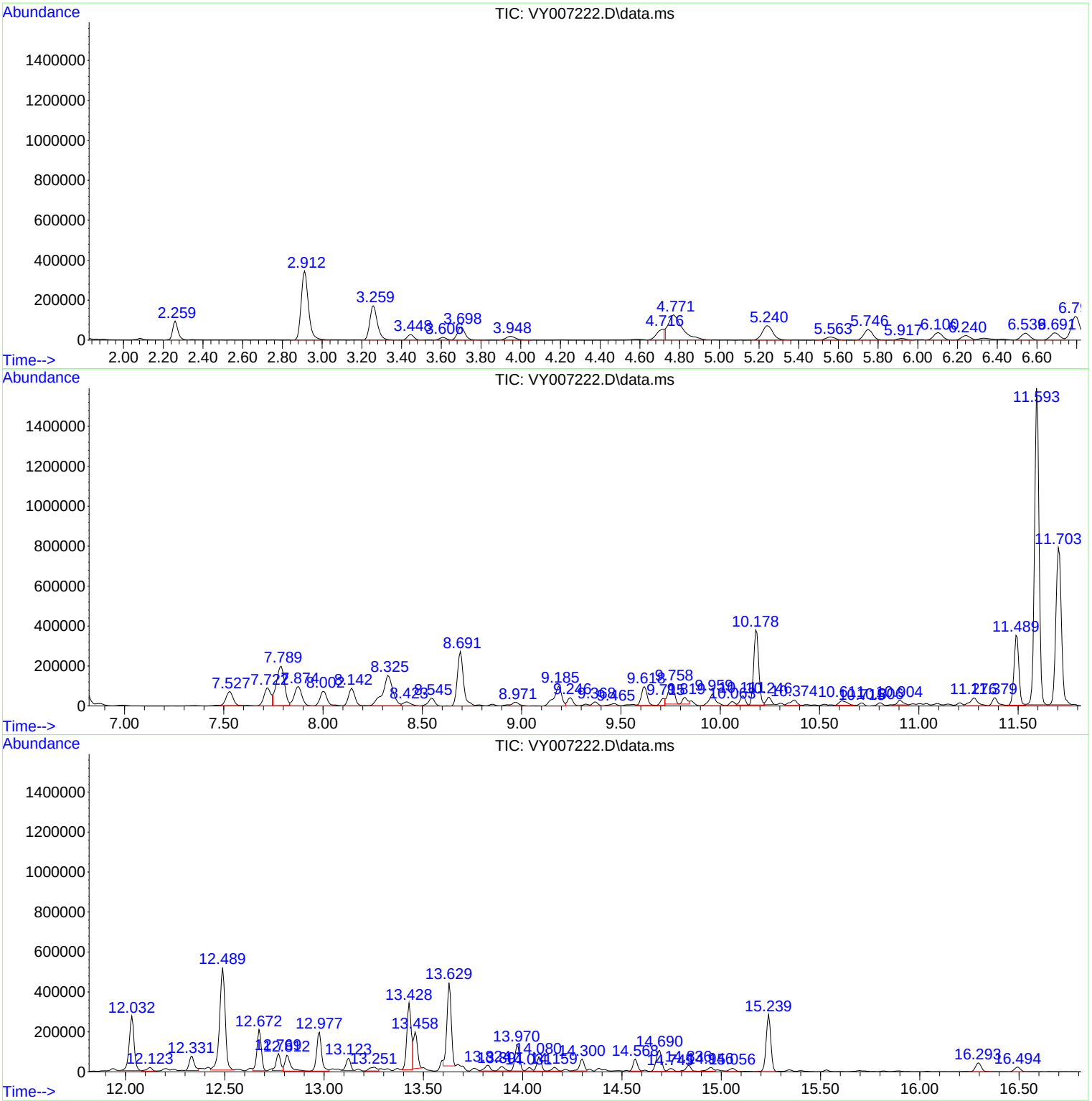
Sum of corrected areas: 19341300

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

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\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

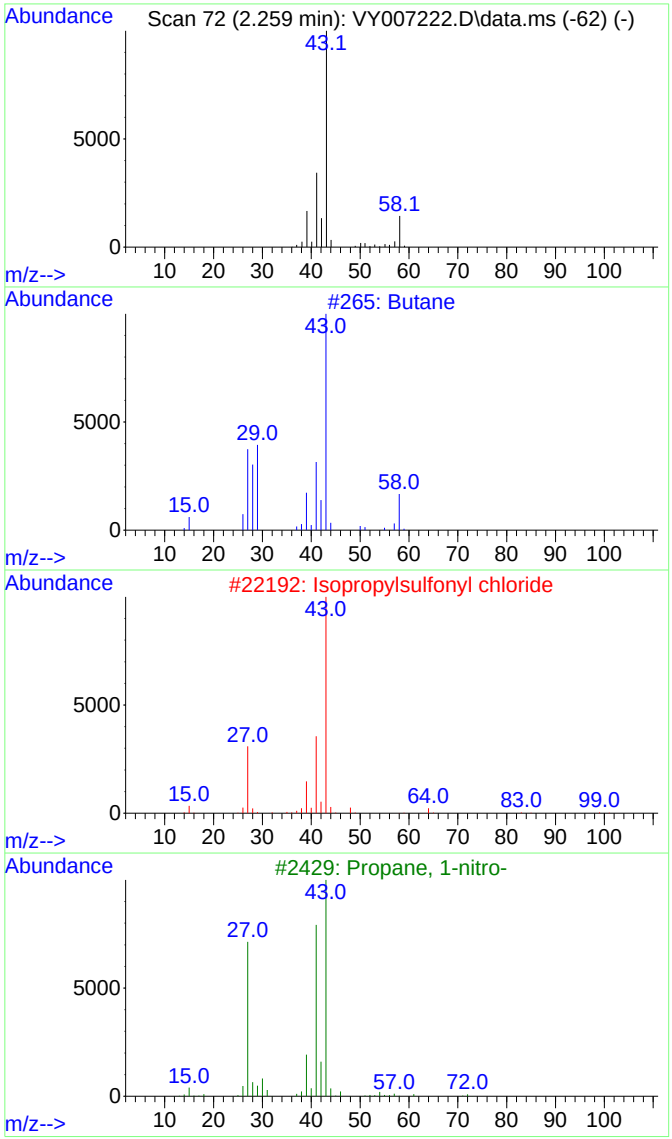
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

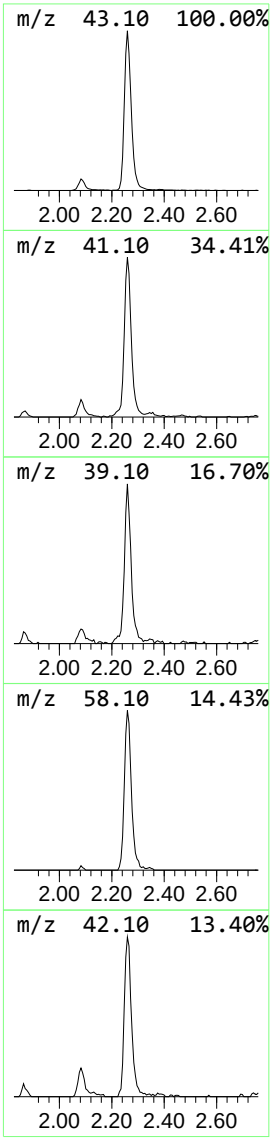
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.259	15.85 ug/l	175915	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	72
2	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
3	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
4	Isobutane	58	C4H10	000075-28-5	9
5	Diazene, dimethyl-	58	C2H6N2	000503-28-6	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

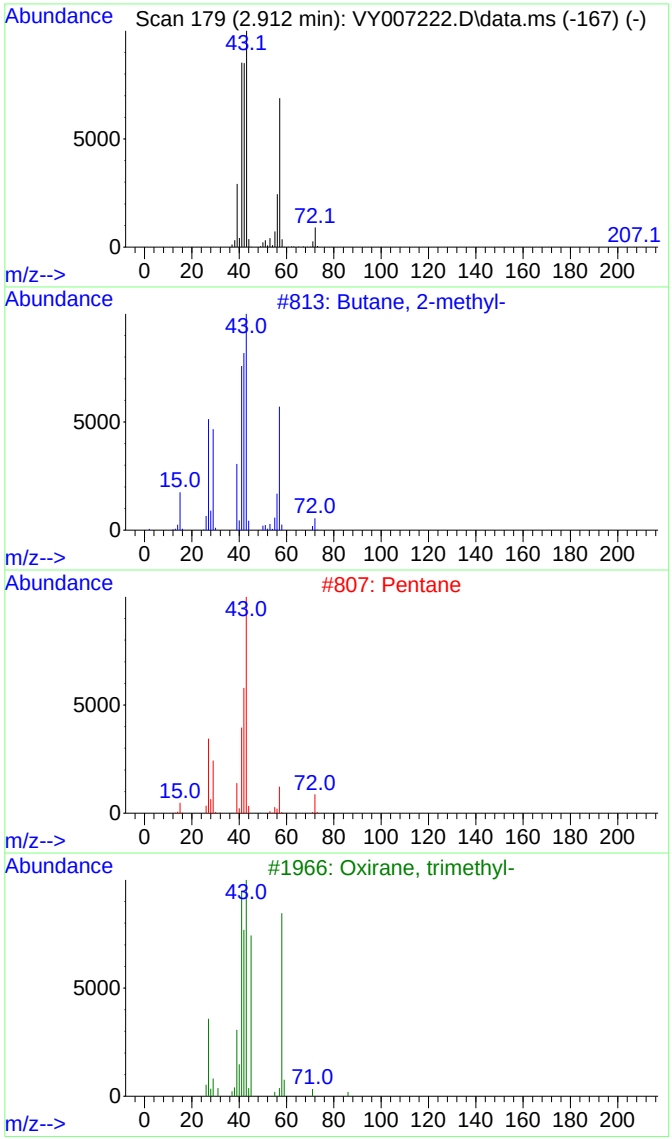
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

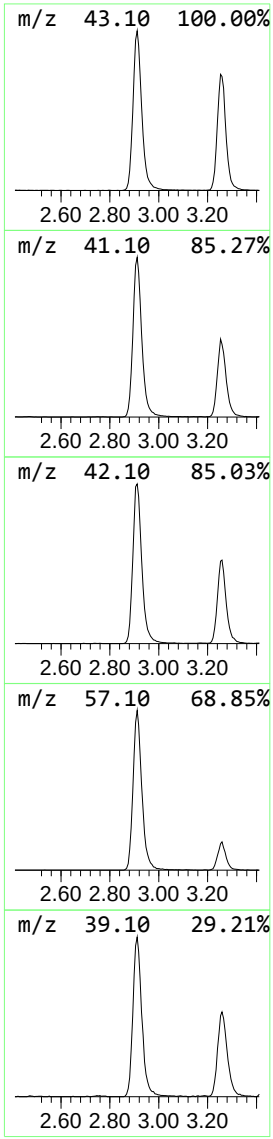
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.912	78.71 ug/l	873458	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Pentane	72	C5H12	000109-66-0	45
3	Oxirane, trimethyl-	86	C5H10O	005076-19-7	36
4	3-Buten-1-ol	72	C4H8O	000627-27-0	28
5	1-Butene	56	C4H8	000106-98-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

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

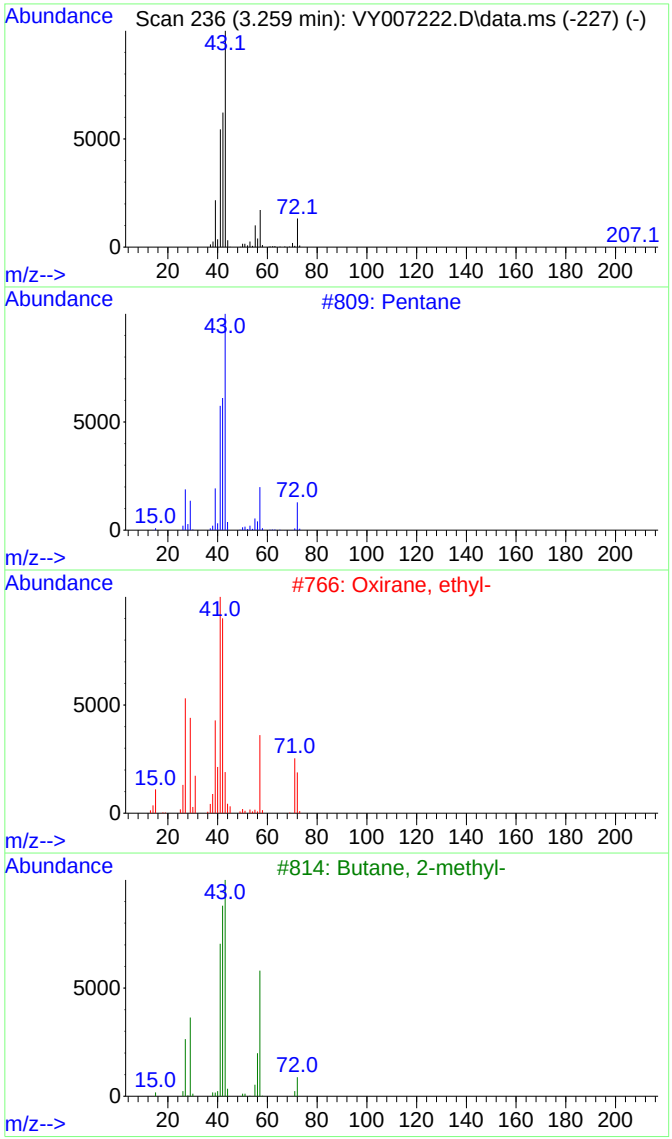
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

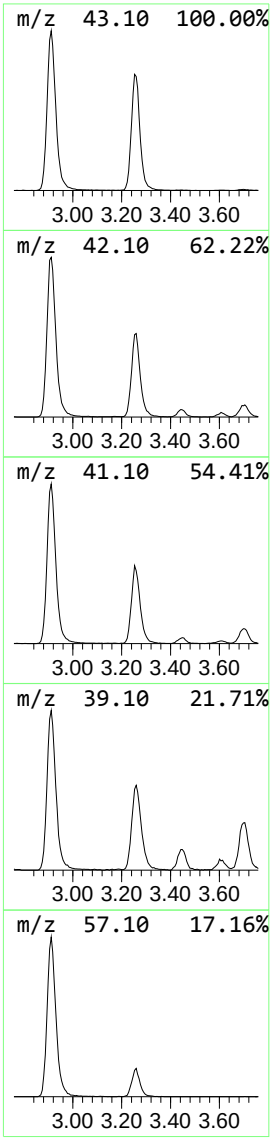
****

Peak Number 3 Pentane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.259	40.81 ug/l	452897	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	50
3	Butane, 2-methyl-	72	C5H12	000078-78-4	45
4	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	38
5	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

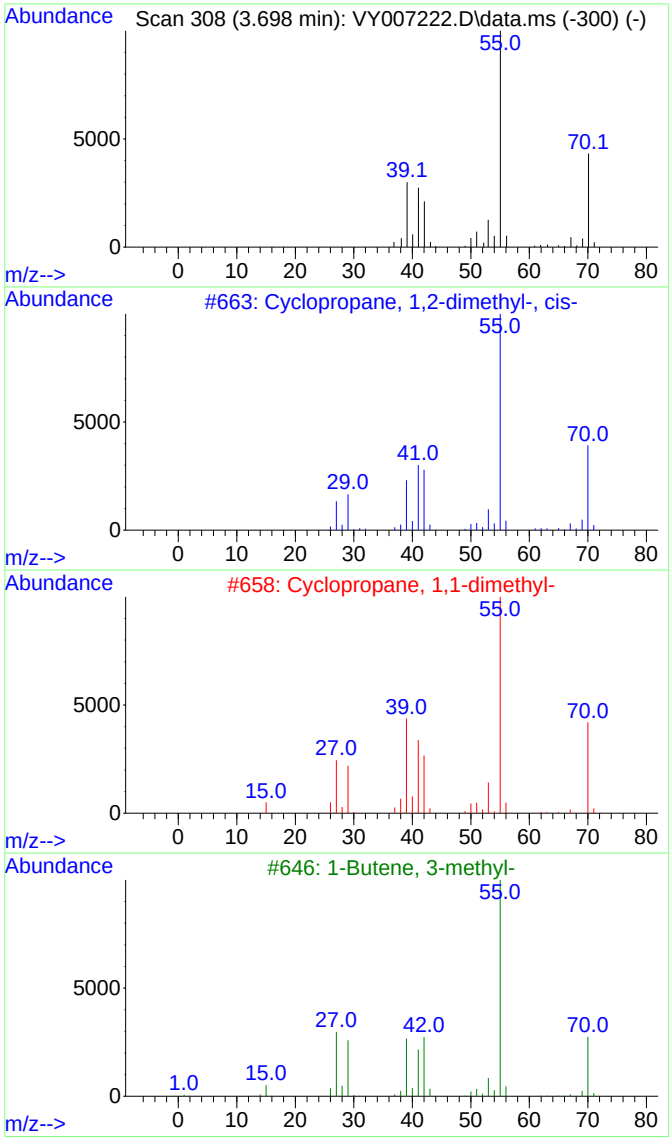
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

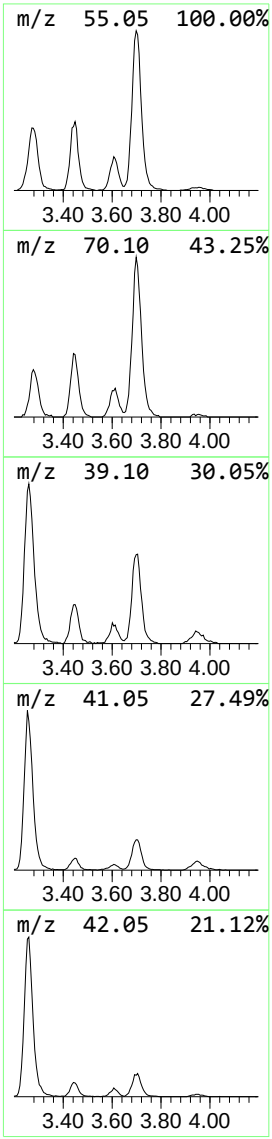
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopropane, 1,2-dimethyl-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.698	15.88 ug/l	176227	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
3	1-Butene, 3-methyl-	70	C5H10	000563-45-1	78
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	74
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

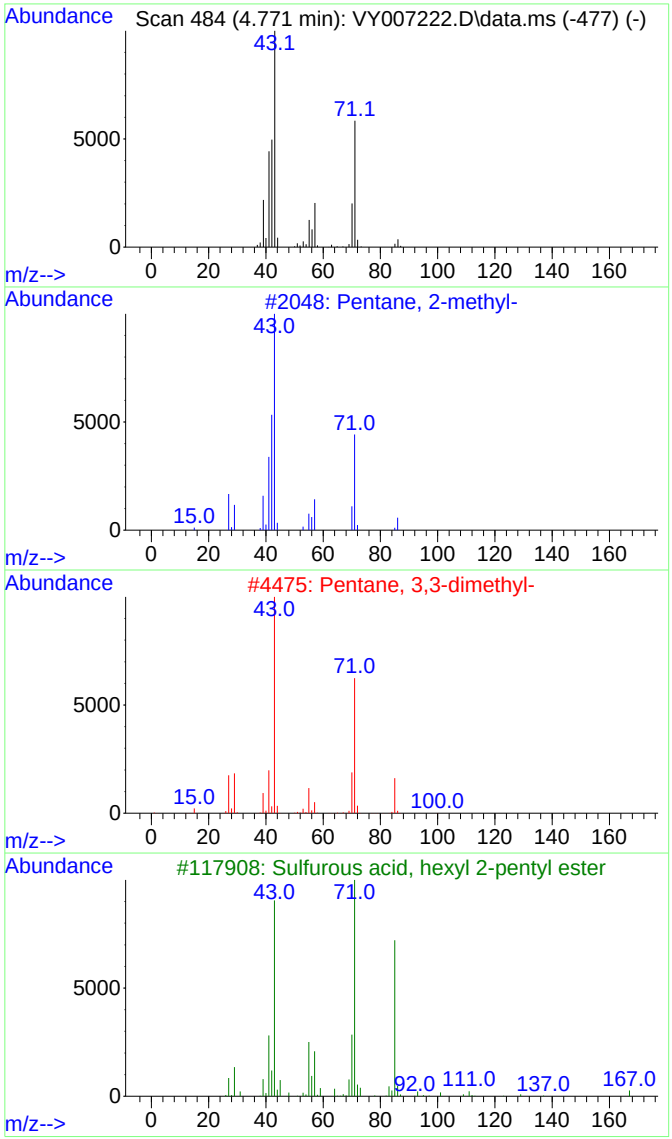
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

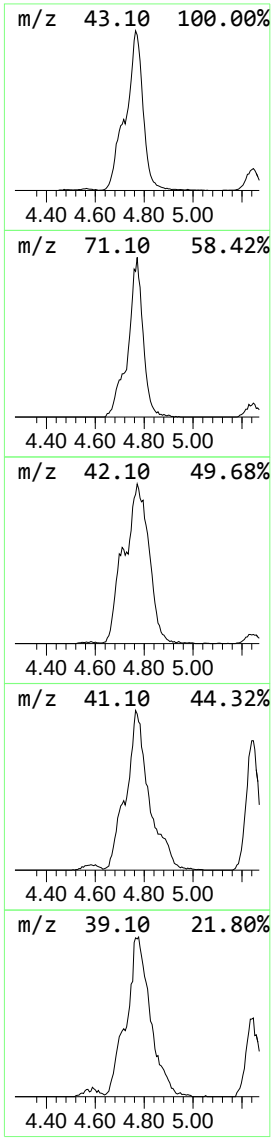
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.771	54.41 ug/l	603807	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	53
3	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	42
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	38
5	Pentane	72	C5H12	000109-66-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

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

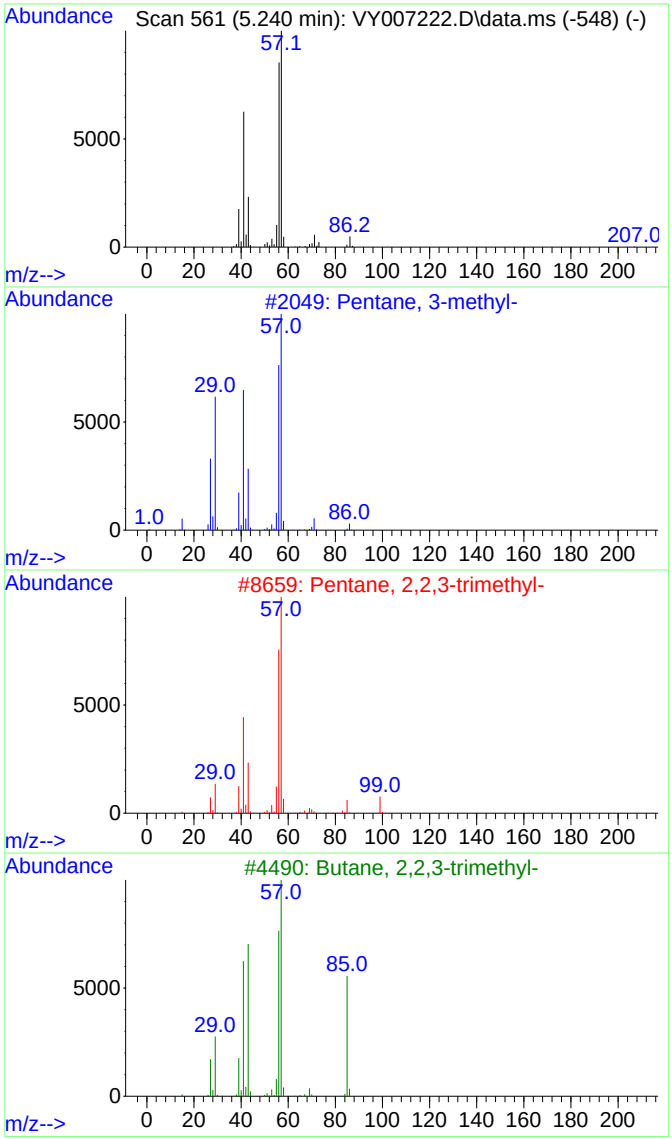
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

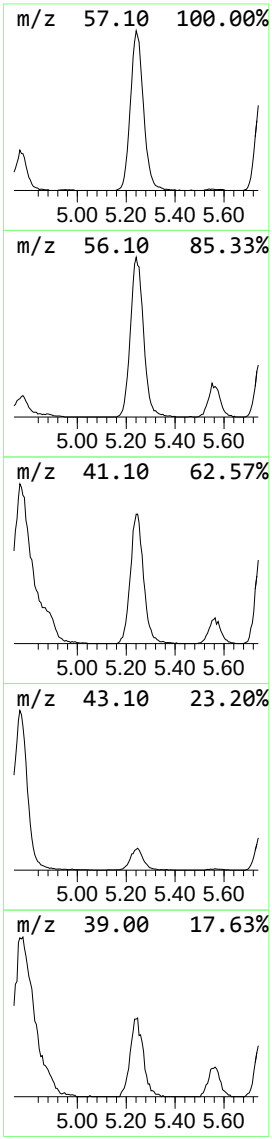
****

Peak Number 6 Pentane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.240	24.28 ug/l	269453	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	78
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

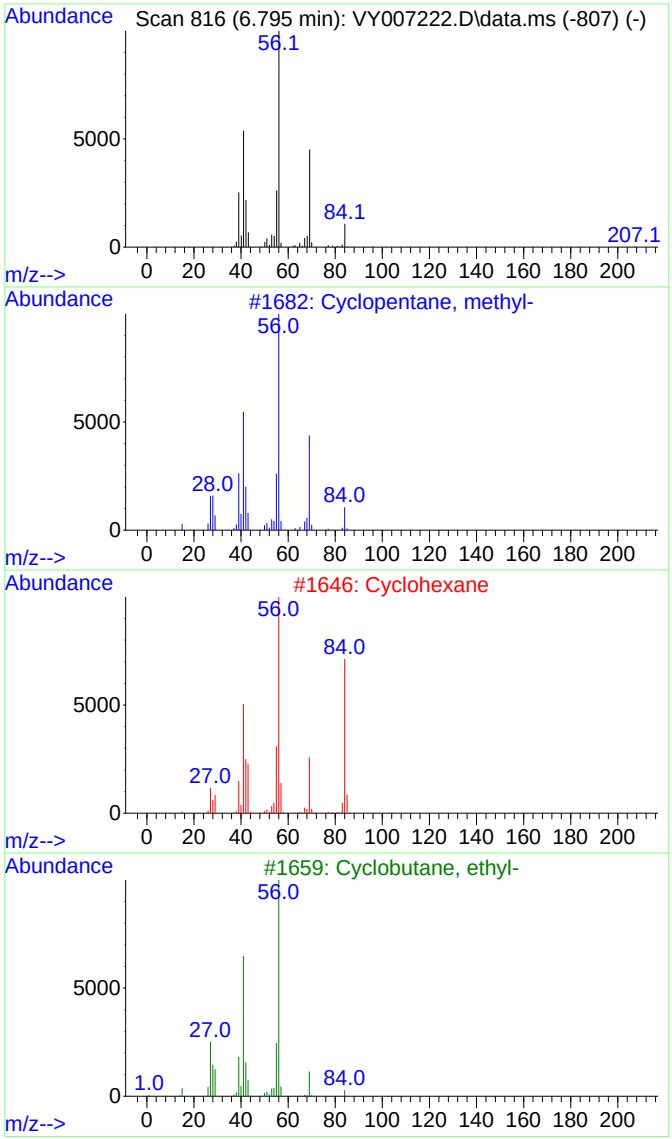
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

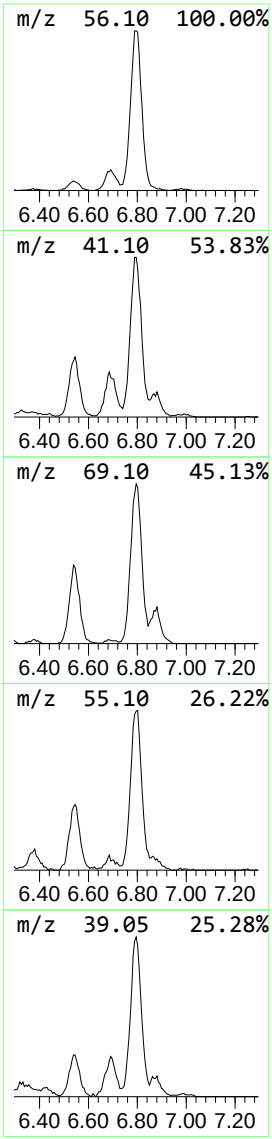
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentane, methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.795	29.58 ug/l	328318	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	78
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

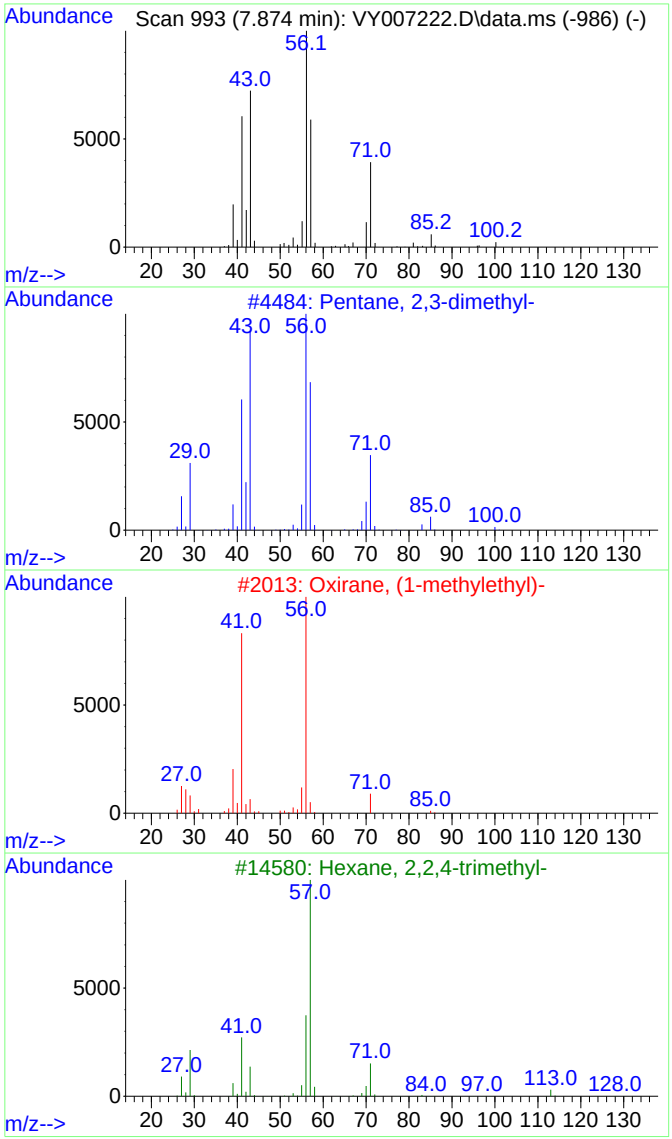
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

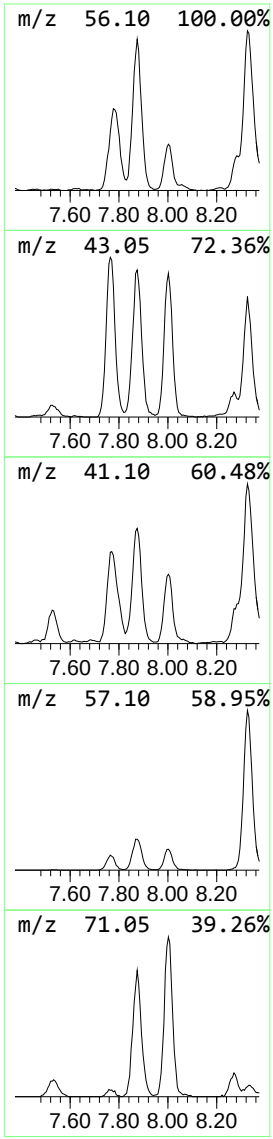
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentane, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.874	23.00 ug/l	255256	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	47
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
4	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	38
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

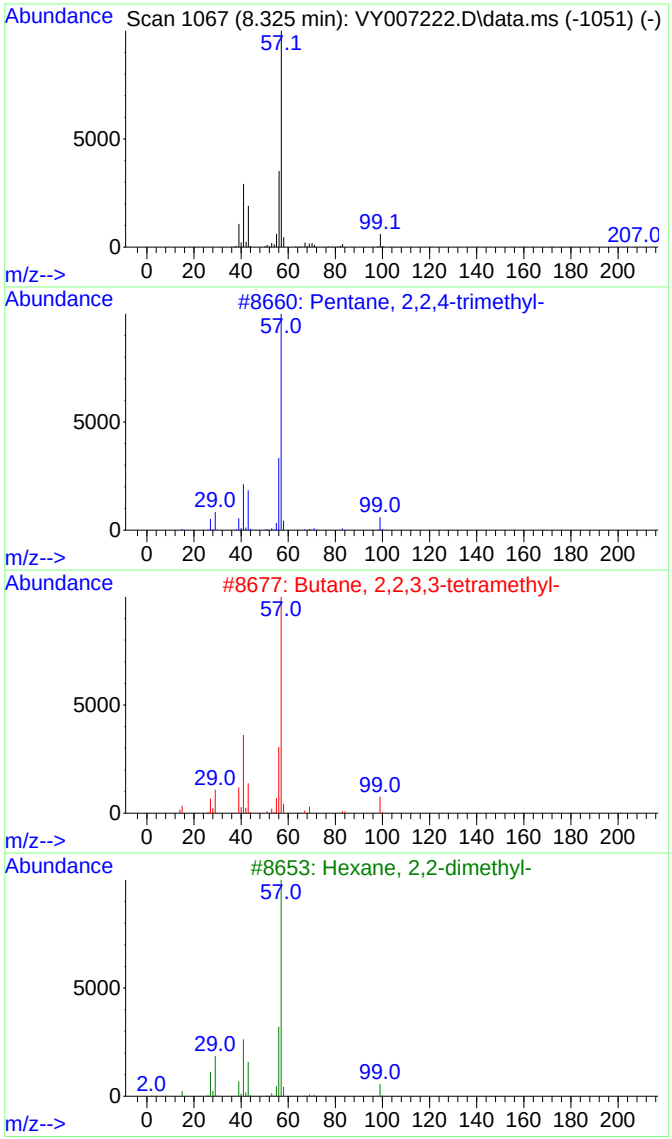
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

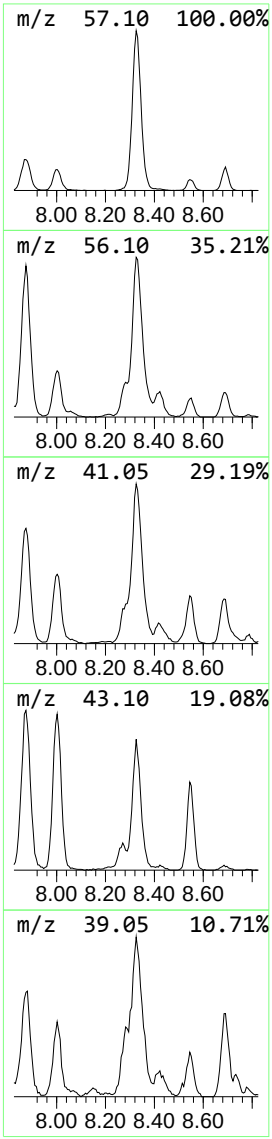
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentane, 2,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.325	45.67 ug/l	533924	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

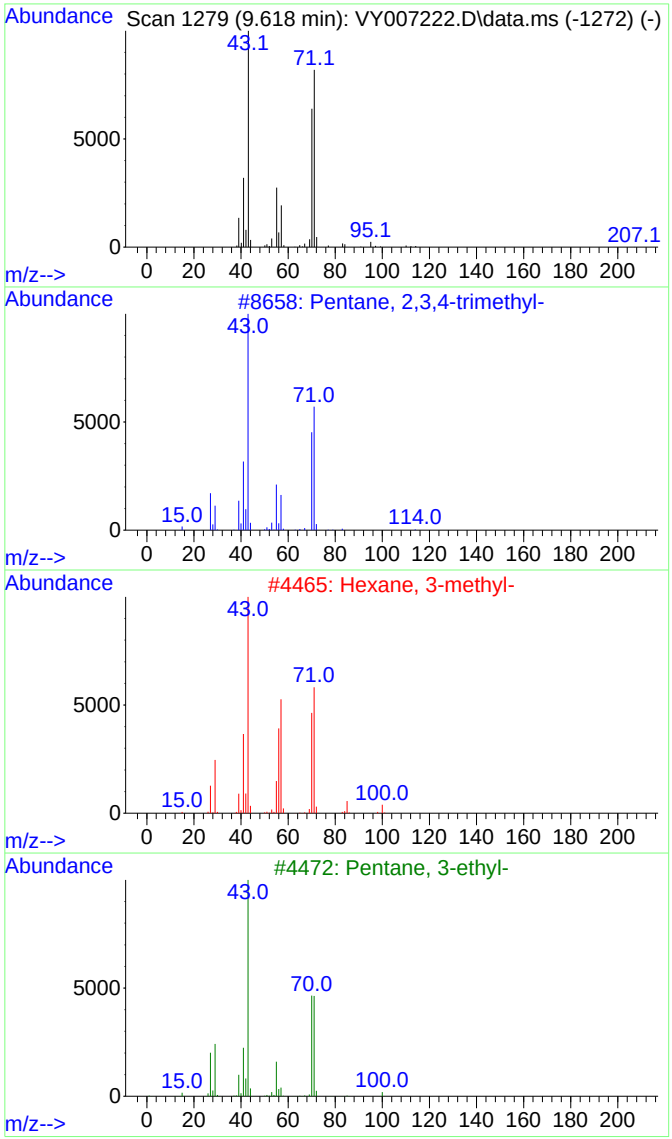
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

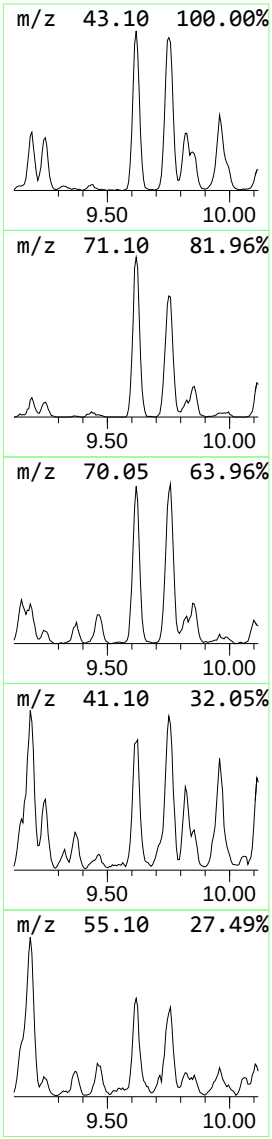
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pentane, 2,3,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.618	16.00 ug/l	187090	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4	Hexanoic acid, 1,1-dimethylpropy...	186	C11H22O2	116423-69-9	78
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

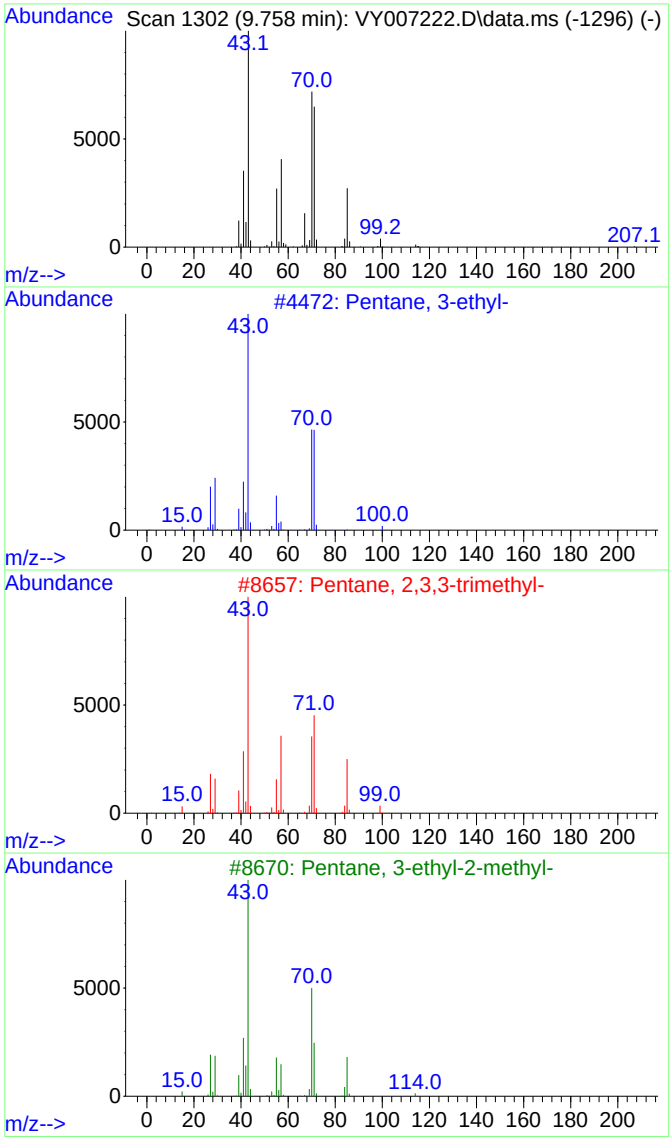
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

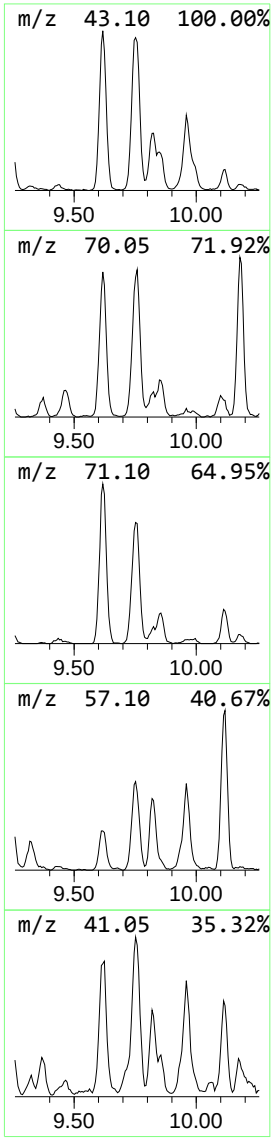
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pentane, 3-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.758	19.01 ug/l	222287	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-	100	C7H16	000617-78-7	53
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	53
3	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	53
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
5	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

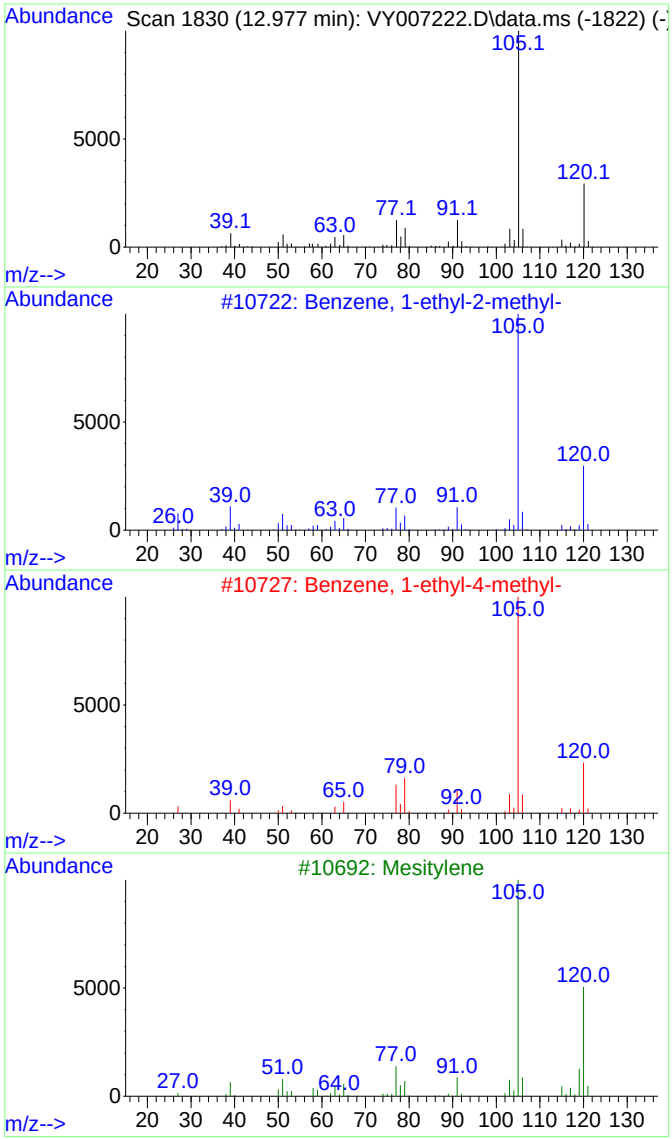
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

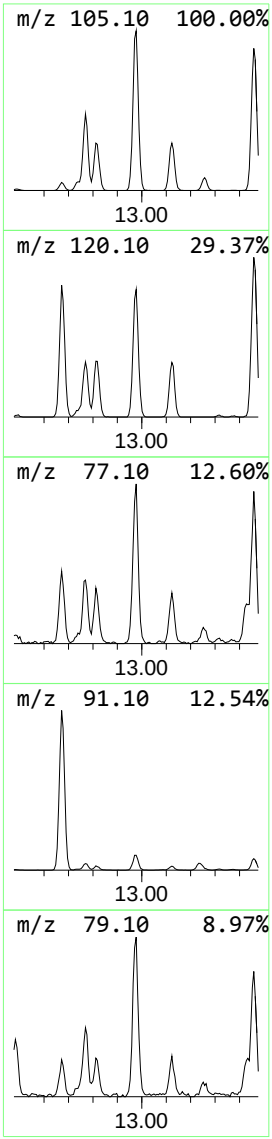
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	30.92 ug/l	332094	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

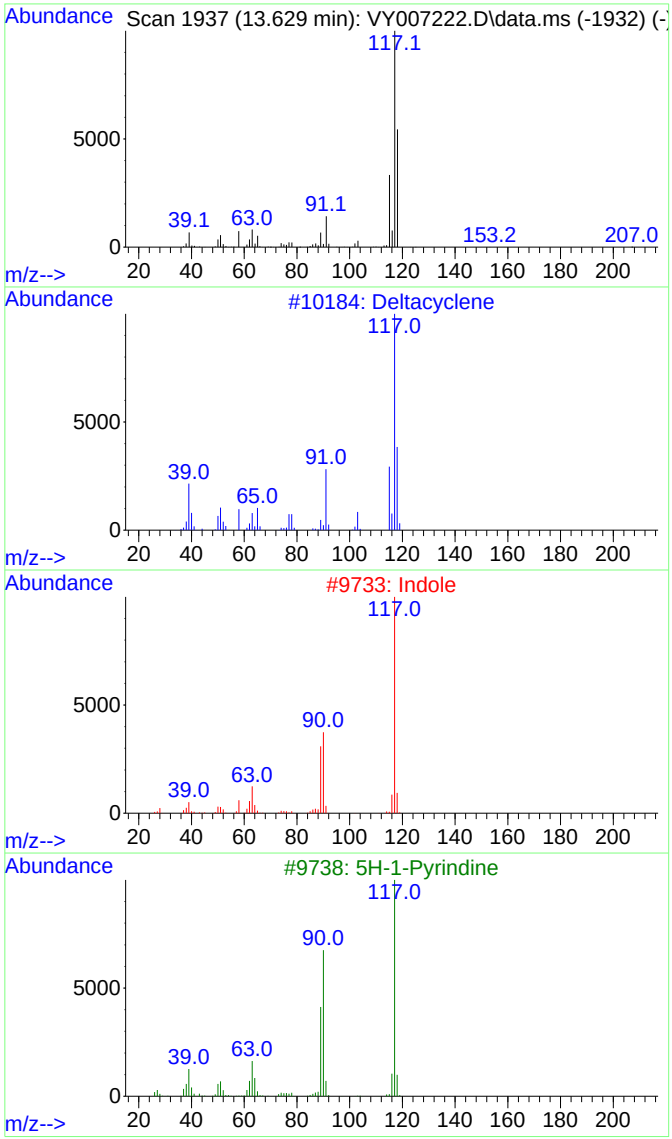
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

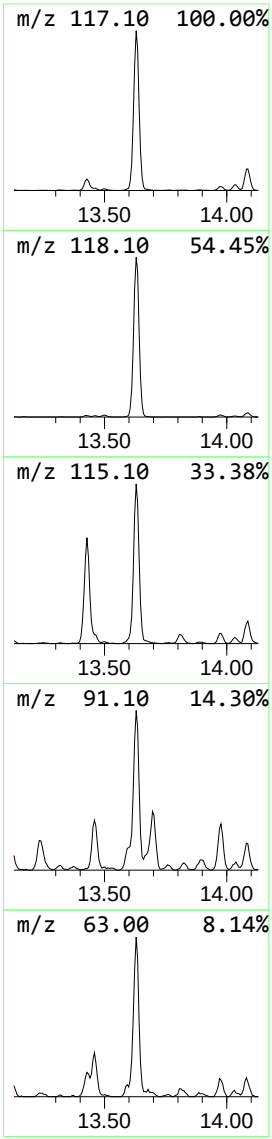
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 unknown13.629 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	57.85 ug/l	621275	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	59
2	Indole	117	C8H7N	000120-72-9	46
3	5H-1-Pyridine	117	C8H7N	000270-91-7	43
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	43
5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

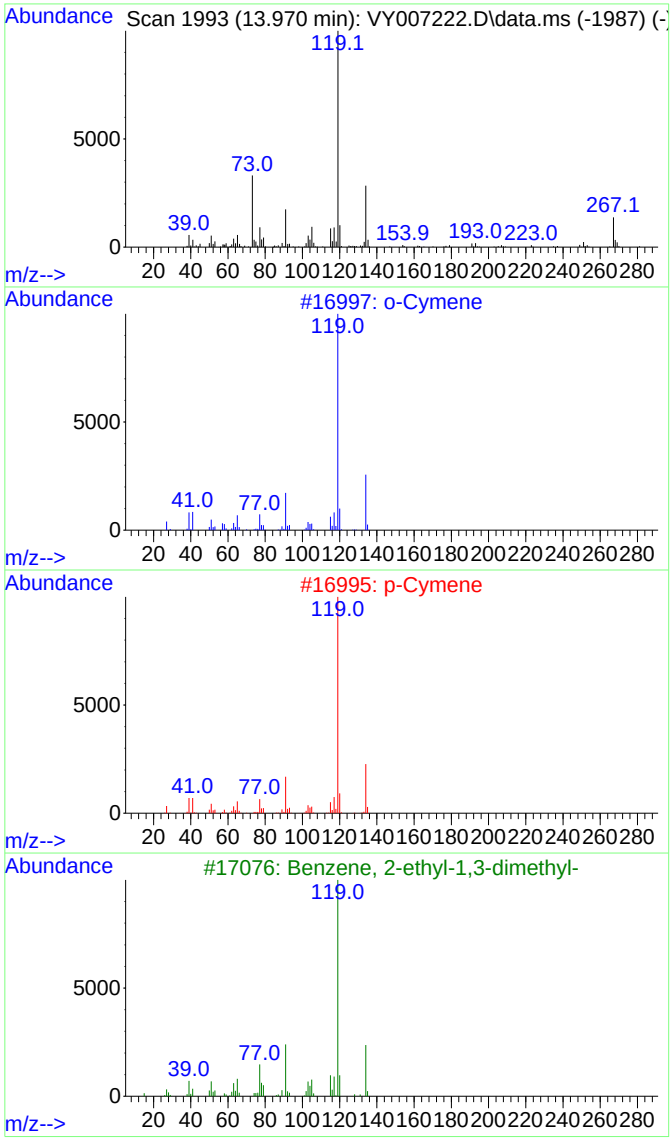
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

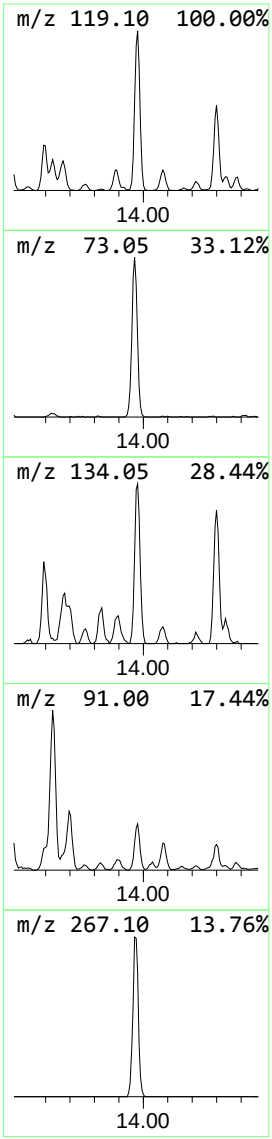
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	19.76 ug/l	212226	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

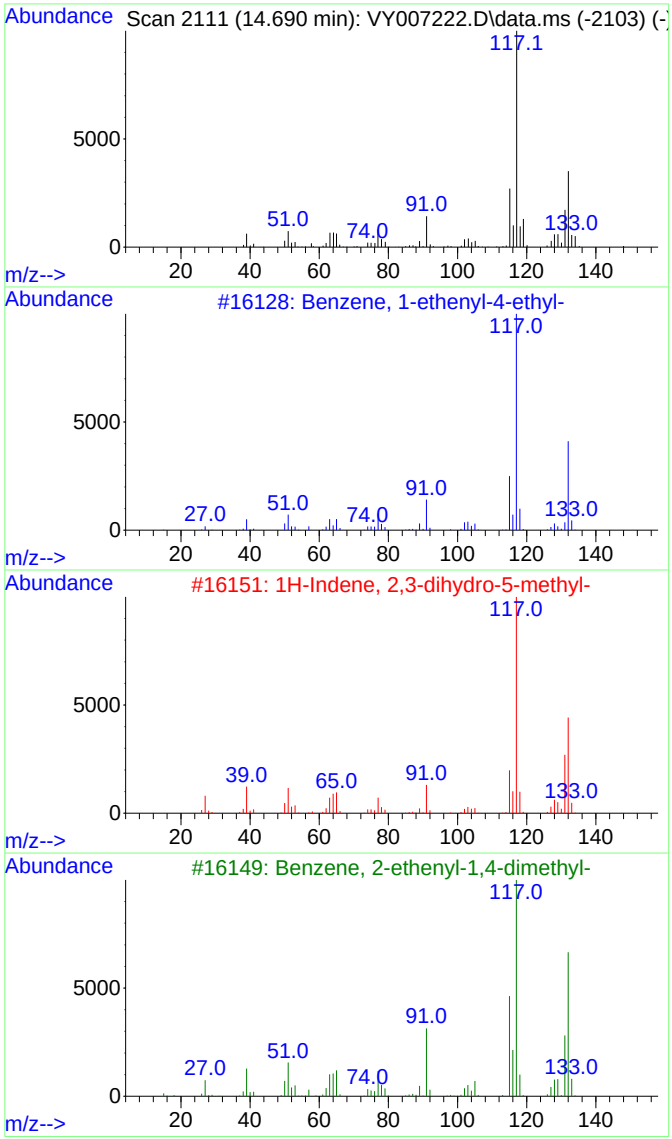
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

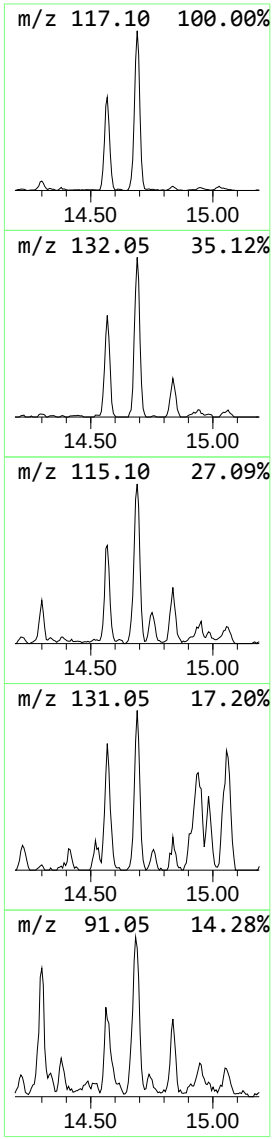
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	18.72 ug/l	200996	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

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
Butane	2.259	15.9	ug/l	175915	1	7.789	554880	50.0
Butane, 2-methyl-	2.912	78.7	ug/l	873458	1	7.789	554880	50.0
Pentane	3.259	40.8	ug/l	452897	1	7.789	554880	50.0
Cyclopropane, 1...	3.698	15.9	ug/l	176227	1	7.789	554880	50.0
Pentane, 2-methyl-	4.771	54.4	ug/l	603807	1	7.789	554880	50.0
Pentane, 3-methyl-	5.240	24.3	ug/l	269453	1	7.789	554880	50.0
Cyclopentane, m...	6.795	29.6	ug/l	328318	1	7.789	554880	50.0
Pentane, 2,3-di...	7.874	23.0	ug/l	255256	1	7.789	554880	50.0
Pentane, 2,2,4-...	8.325	45.7	ug/l	533924	2	8.691	584585	50.0
Pentane, 2,3,4-...	9.618	16.0	ug/l	187090	2	8.691	584585	50.0
Pentane, 3-ethyl-	9.758	19.0	ug/l	222287	2	8.691	584585	50.0
Benzene, 1-ethy...	12.977	30.9	ug/l	332094	4	13.428	536941	50.0
unknown13.629	13.629	57.9	ug/l	621275	4	13.428	536941	50.0
o-Cymene	13.970	19.8	ug/l	212226	4	13.428	536941	50.0
Benzene, 1-ethe...	14.690	18.7	ug/l	200996	4	13.428	536941	50.0