LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

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: VY007186.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	60	72	84	rBV	342208	684131	7.97%	1.526%
2	2.906	168	178	200	rBV	803805	2060819	24.00%	4.596%
3	3.253	227	235	256	rVB3	420109	1160886	13.52%	2.589%
4	3.442	256	266	282	rVV	201596	474925	5.53%	1.059%
5	3.601	284	292	300	rVV	81974	208878	2.43%	0.466%
6	3.698	300	308	332	rVB	262732	708303	8.25%	1.580%
7	4.771	463	484	520	rVB6	148205	1056546	12.31%	2.356%
8	5.241	547	561	581	rBV2	83159	311889	3.63%	0.696%
9	5.564	600	614	630	rVB2	32002	110242	1.28%	0.246%
10	5.753	630	645	662	rBV2	65309	206812	2.41%	0.461%
11	5.917	662	672	681	rBV3	33175	99633	1.16%	0.222%
12	6.106	696	703	715	rVB3	73571	230793	2.69%	0.515%
13	6.240	715	725	733	rBV3	36972	117224	1.37%	0.261%
14	6.545	764	775	788	rVB	67552	203434	2.37%	0.454%
15	6.795	806	816	825	rVV	161481	511483	5.96%	1.141%
16	7.527	927	936	946	rBV	138220	340507	3.97%	0.759%
17	7.722	958	968	972	rBV	104609	260923	3.04%	0.582%
18	7.789	972	979	987	rVV3	230603	617324	7.19%	1.377%
19	7.874	987	993	1005	rVB3	56052	153169	1.78%	0.342%
20	8.002	1005	1014	1021	rBV	51474	120134	1.40%	0.268%
21	8.143	1029	1037	1047	rBV	102732	225747	2.63%	0.503%
22	8.325	1051	1067	1078	rBV3	86702	375485	4.37%	0.837%
23	8.545	1093	1103	1116	rVB3	34354	92765	1.08%	0.207%
24	8.691	1116	1127	1140	rBV	316686	700522	8.16%	1.562%
25	9.185	1193	1208	1214	rBV4	64715	189551	2.21%	0.423%
26	9.618	1273	1279	1288	rVB	42665	88204	1.03%	0.197%
27	9.752	1297	1301	1308	rVB3	56240	120565	1.40%	0.269%
28	10.179	1365	1371	1376	rBV	425774	751076	8.75%	1.675%
29	10.246	1376	1382	1390	rVB	1873531	3158842	36.79%	7.045%
30	11.489	1578	1586	1594	rBV	412798	666118	7.76%	1.486%
31	11.593	1594	1603	1613	rVV	2689991	4169386	48.56%	9.299%
32	11.703	1613	1621	1633	rVV	4736666	8585750	100.00%	19.148%
33	12.032	1663	1675	1685	rBV	2744564	4276395	49.81%	9.537%
34	12.331	1718	1724	1730	rBV	103777	170183	1.98%	0.380%
35	12.489	1743	1750	1759	rVB2	742357	1319304	15.37%	2.942%
36	12.672	1773	1780	1785	rBV	259227	392707	4.57%	0.876%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

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

37	12.739	1785	1791	1794	rVV	984471	1573076	18.32%	3.508%
38	12.770	1794	1796	1800	rVV	406469	524716	6.11%	1.170%
39	12.812	1800	1803	1809	rVB	406037	600120	6.99%	1.338%
40	12.977	1822	1830	1837	rBV	456150	768459	8.95%	1.714%
41	13.123	1846	1854	1860	rBV	1599477	2373543	27.65%	5.294%
42	13.428	1898	1904	1906	rBV	387763	572638	6.67%	1.277%
43	13.459	1906	1909	1915	rVB	467907	705880	8.22%	1.574%
44	13.629	1932	1937	1941	rBV	617008	913711	10.64%	2.038%
45	13.666	1941	1943	1953	rVB3	102974	177159	2.06%	0.395%
46	13.812	1961	1967	1974	rVB2	60379	122486	1.43%	0.273%
47	13.891	1974	1980	1982	rVV2	74884	118090	1.38%	0.263%
48	13.916	1982	1984	1989	rVV	62020	86487	1.01%	0.193%
49	13.977	1989	1994	1999	rVB2	122117	190908	2.22%	0.426%
50	14.080	2007	2011	2019	rVB	72961	114234	1.33%	0.255%
51	14.337	2050	2053	2058	rVB	72500	104052	1.21%	0.232%
52	14.568	2086	2091	2097	rBV	73402	108783	1.27%	0.243%
53	14.690	2103	2111	2116	rBV3	125490	234153	2.73%	0.522%
54	15.239	2189	2201	2209	rBV	320935	529749	6.17%	1.181%
55	16.293	2368	2374	2384	rVB	49841	99289	1.16%	0.221%

Sum of corrected areas: 44838188

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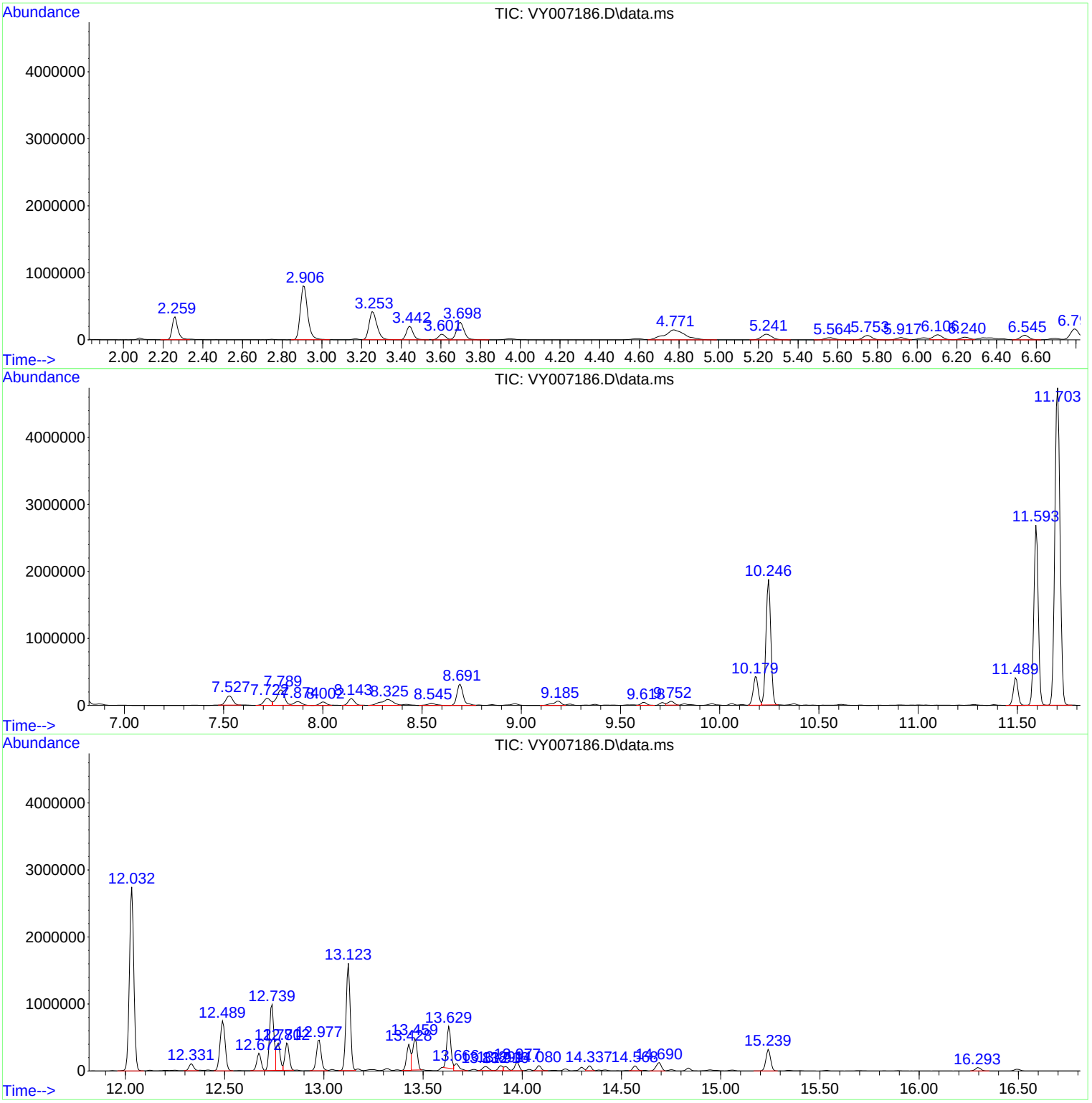
Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

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 : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
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Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

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

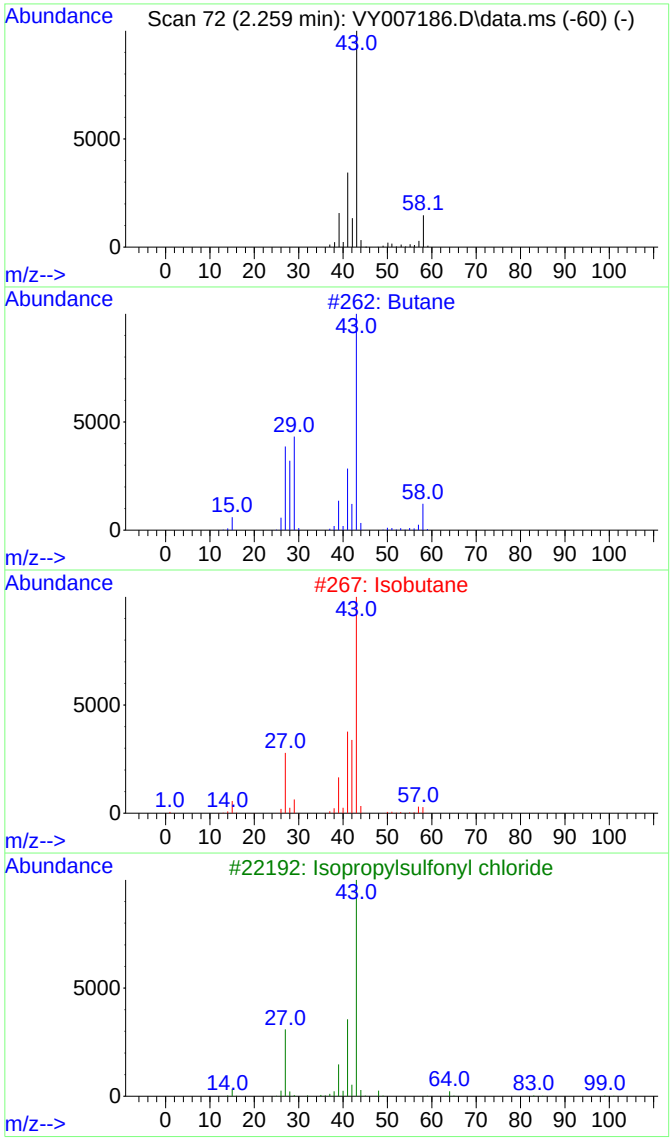
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

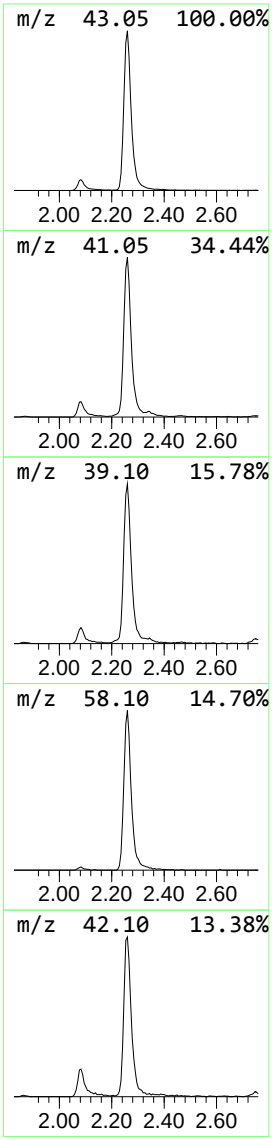
****

Peak Number 1 Butane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.259	55.41 ug/l	684131	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	72
2	Isobutane	58	C4H10	000075-28-5	9
3	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
4	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
5	Acetone	58	C3H6O	000067-64-1	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

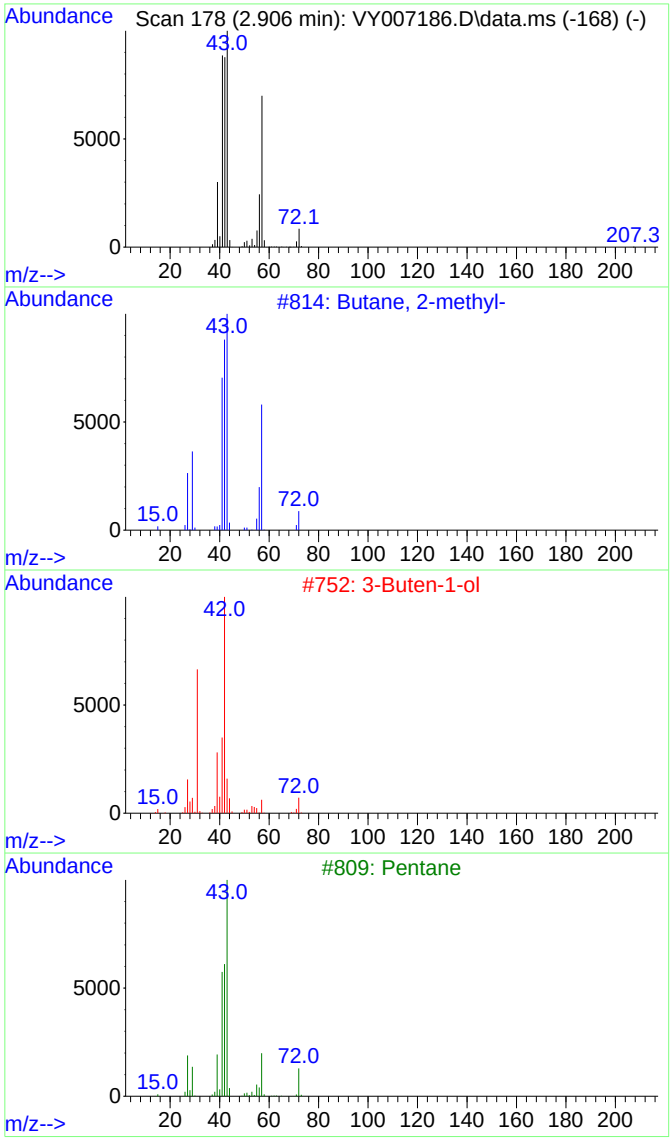
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

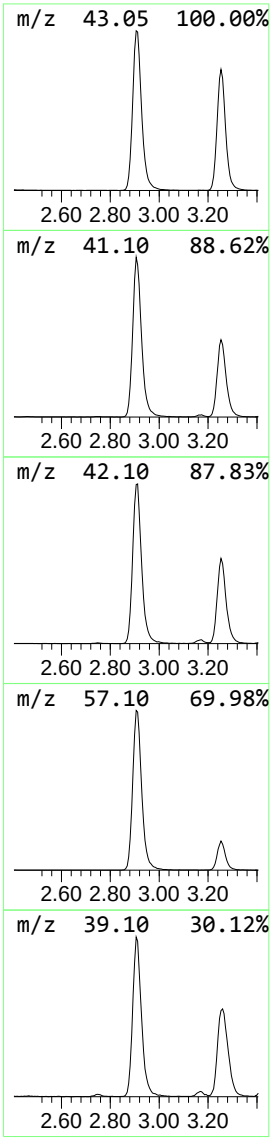
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.906	166.92 ug/l	2060820	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	36
4	Azetidine	57	C3H7N	000503-29-7	9
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

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

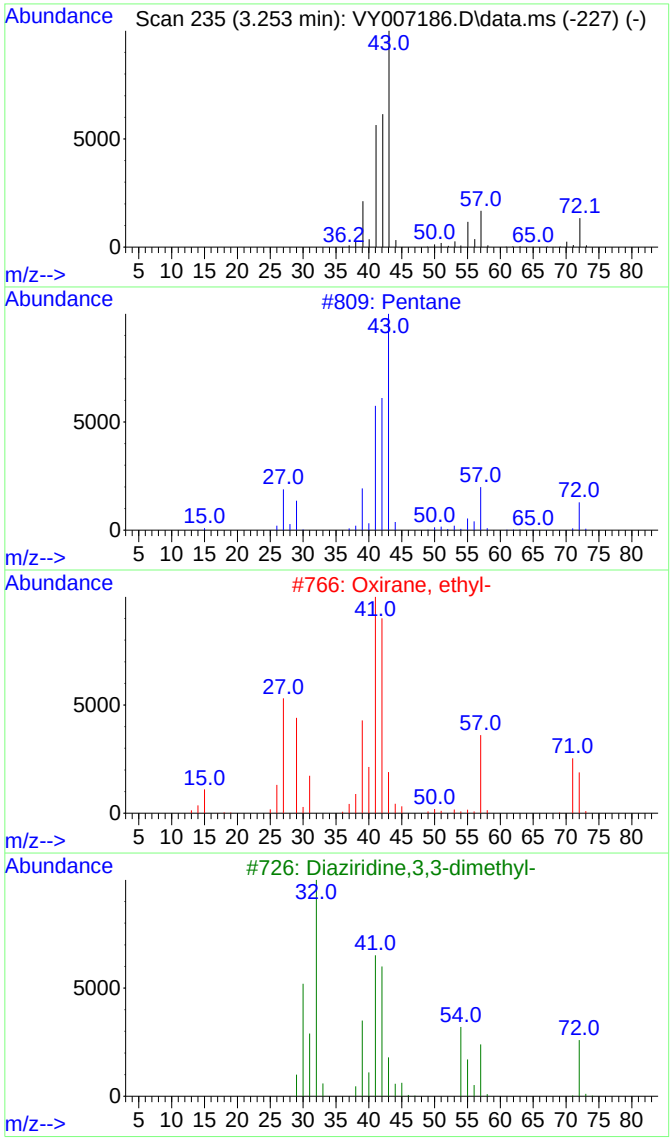
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

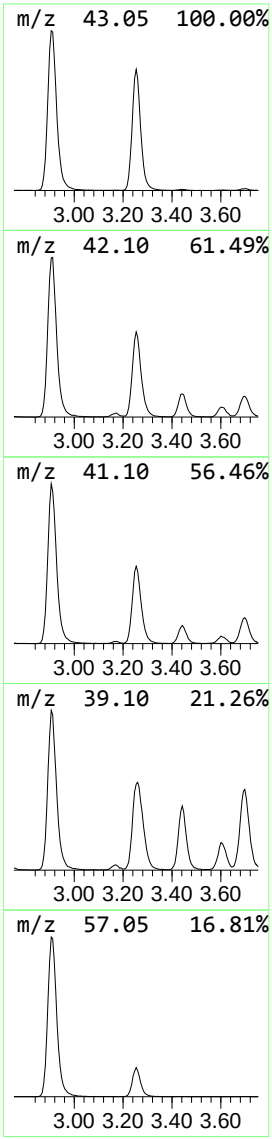
****

Peak Number 3 Pentane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.253	94.03 ug/l	1160890	Pentafluorobenzene	7.795

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	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	38
4	Butanal, 2,2-dimethyl-	100	C6H12O	002094-75-9	12
5	Tetrahydrofuran	72	C4H8O	000109-99-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

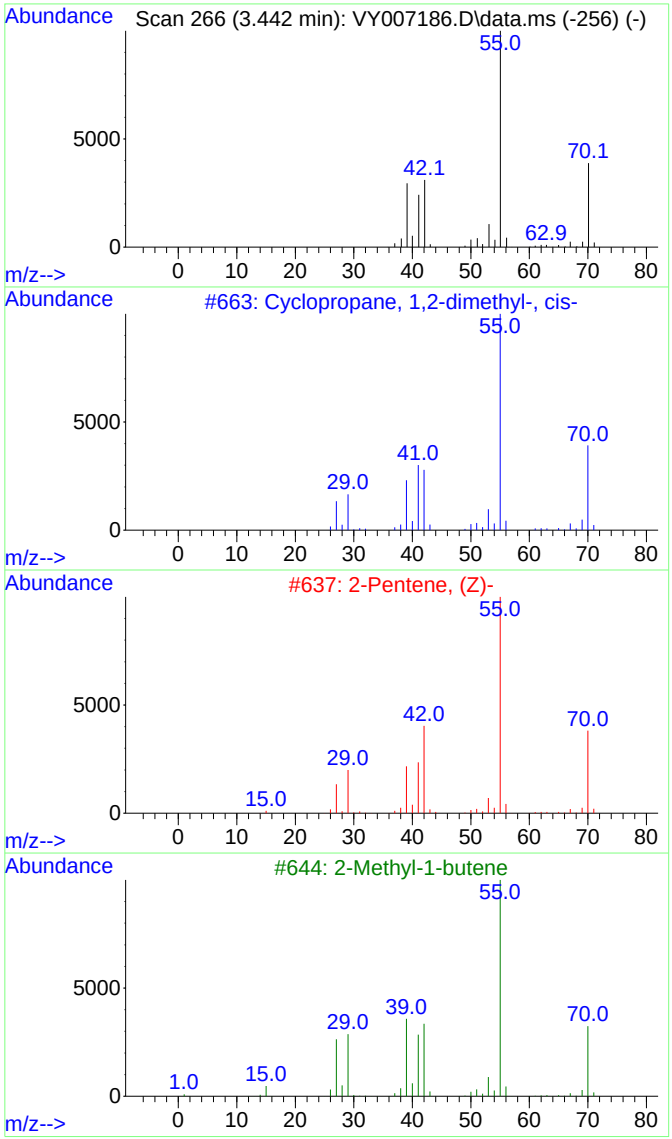
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

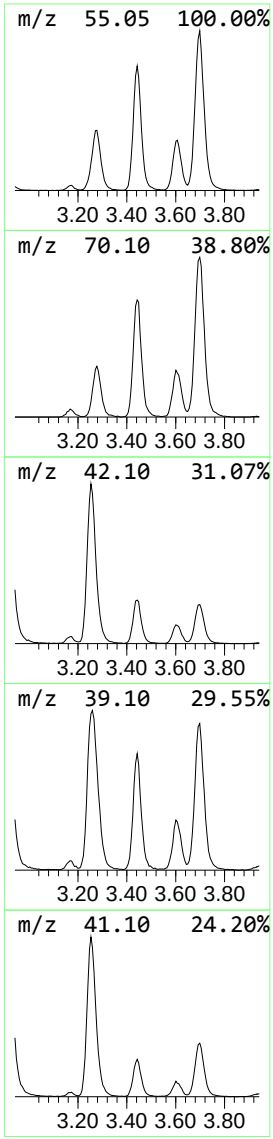
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopropane, 1,2-dimethyl-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.442	38.47 ug/l	474925	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
3	2-Methyl-1-butene	70	C5H10	000563-46-2	90
4	2-Pentene, (E)-	70	C5H10	000646-04-8	87
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

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

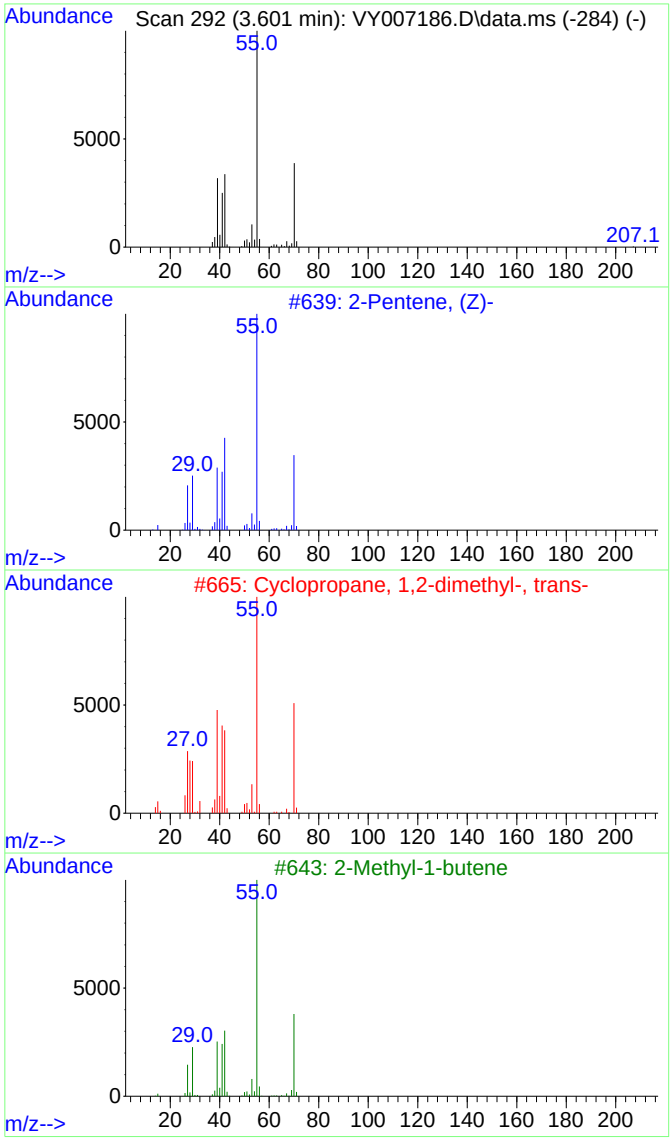
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

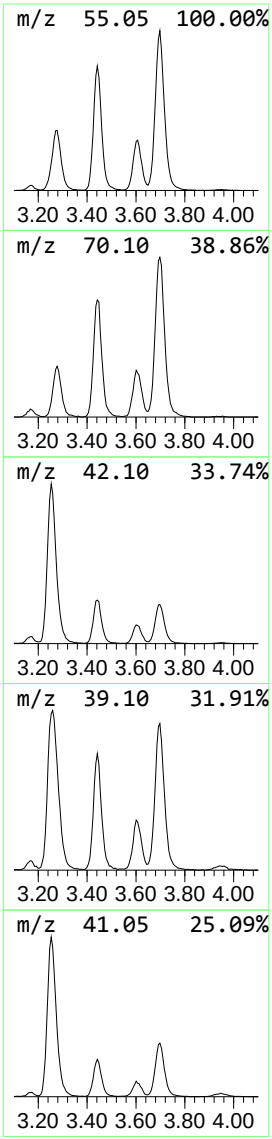
****

Peak Number 5 2-Pentene, (Z)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.601	16.92 ug/l	208878	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	91
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
3	2-Methyl-1-butene	70	C5H10	000563-46-2	87
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
5	2-Pentene	70	C5H10	000109-68-2	86





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Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

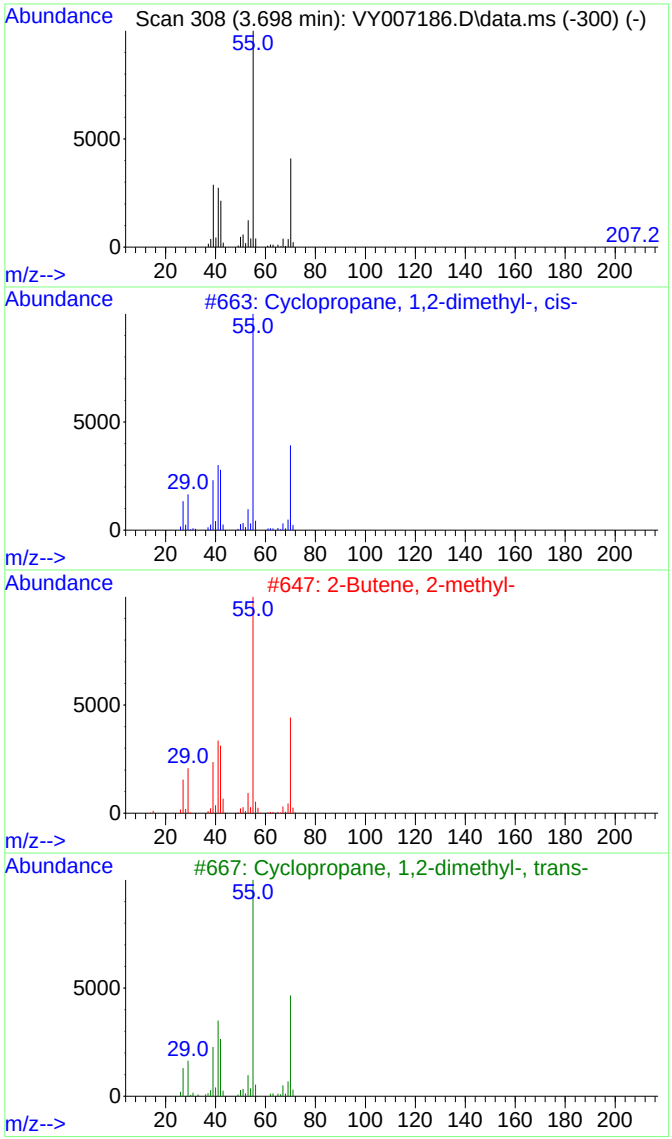
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

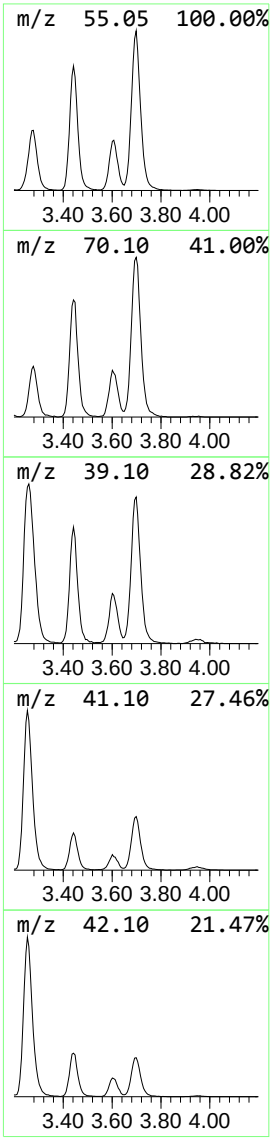
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopropane, 1,2-dimethyl-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.698	57.37 ug/l	708303	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
4	2-Pentene	70	C5H10	000109-68-2	83
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80





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Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

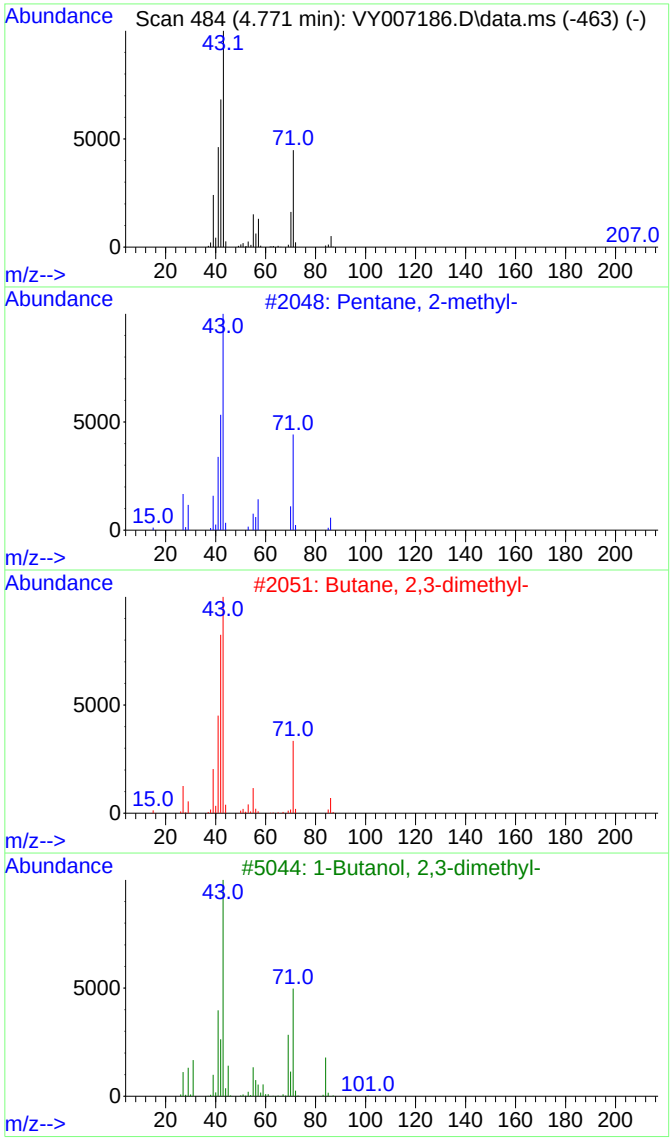
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

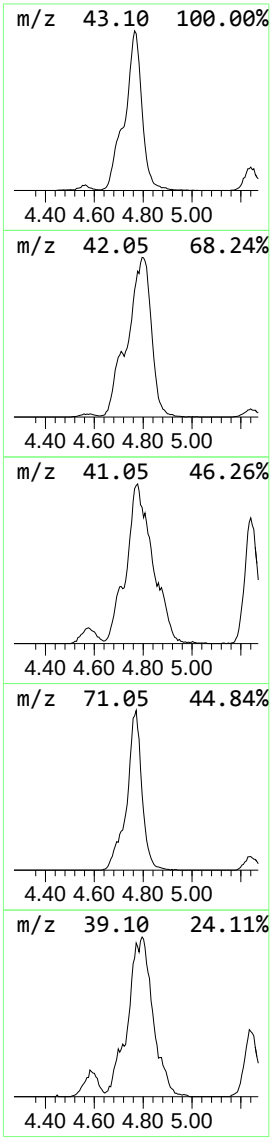
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.771	85.57 ug/l	1056550	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
4	N-Vinylformamide	71	C3H5NO	013162-05-5	40
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

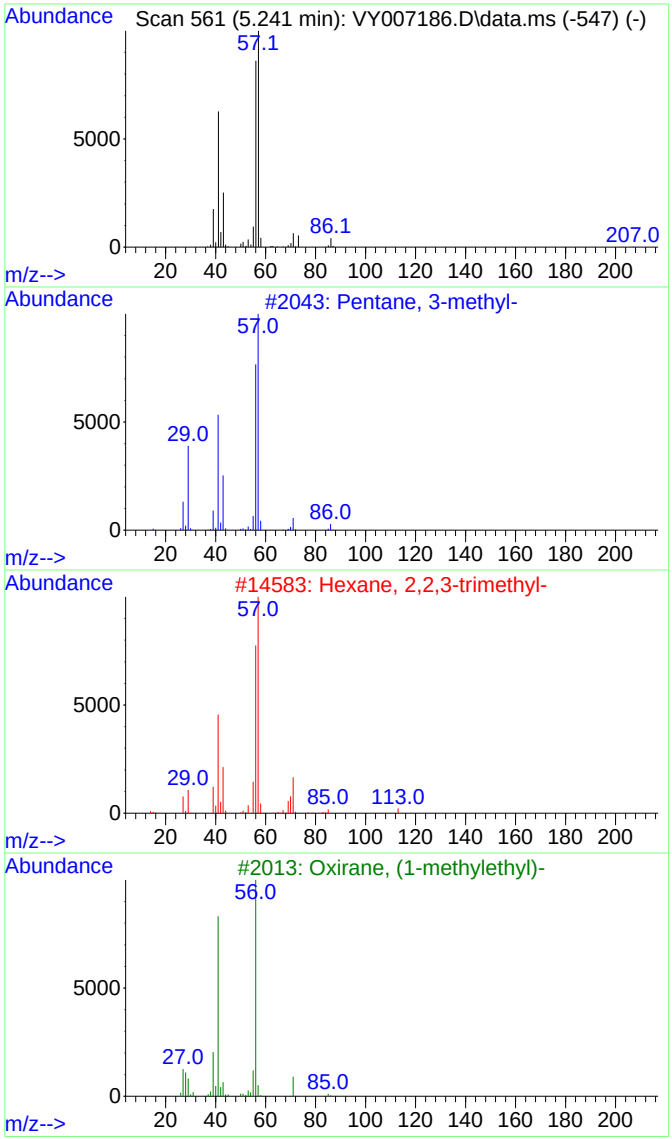
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

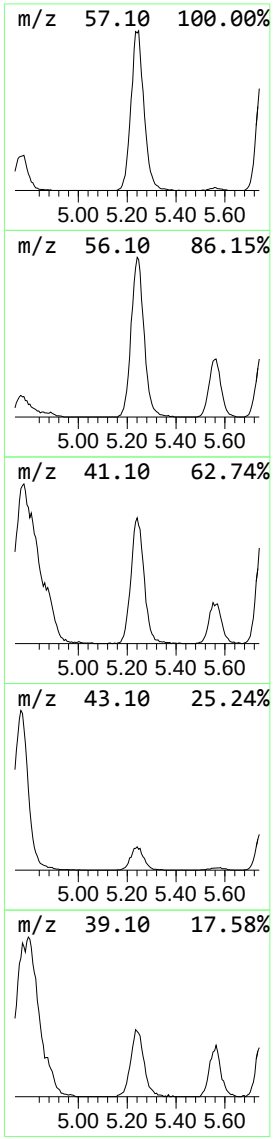
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.241	25.26 ug/l	311889	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	53
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
5	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

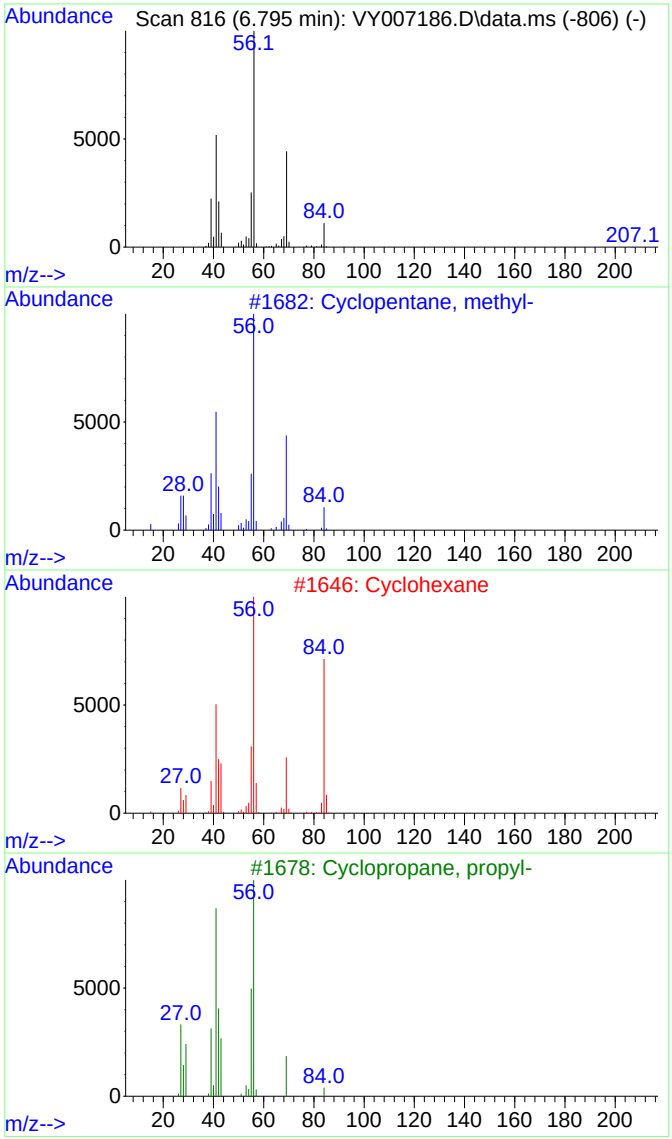
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

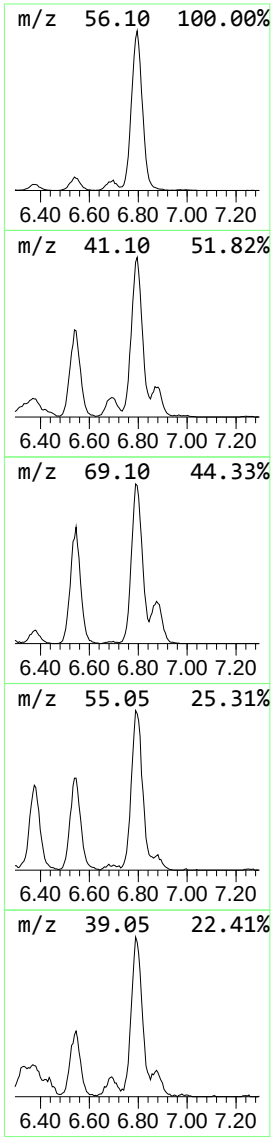
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopentane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.795	41.43 ug/l	511483	Pentafluorobenzene	7.795

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	90
3	Cyclopropane, propyl-	84	C6H12	002415-72-7	78
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

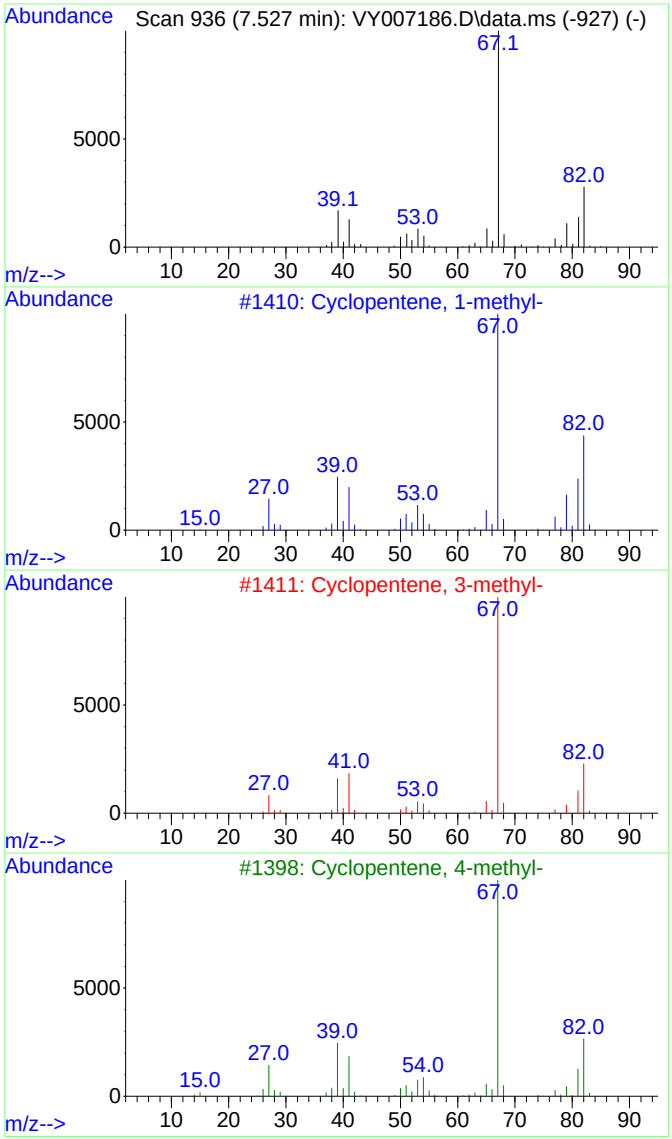
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

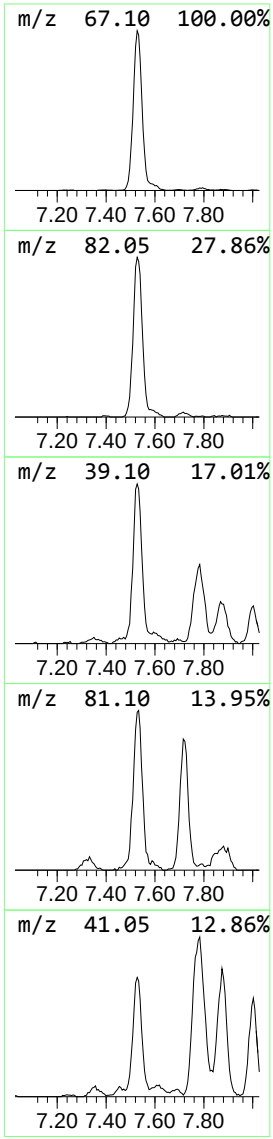
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopentene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.527	27.58 ug/l	340507	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	90
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
3	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	83
4	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	80
5	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

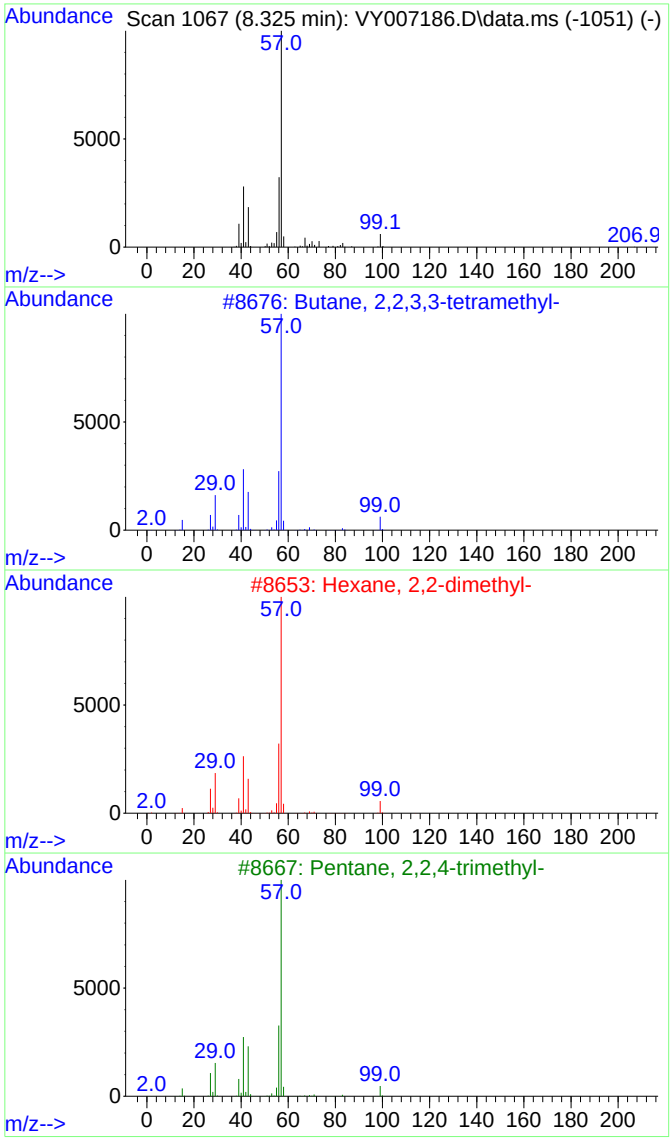
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

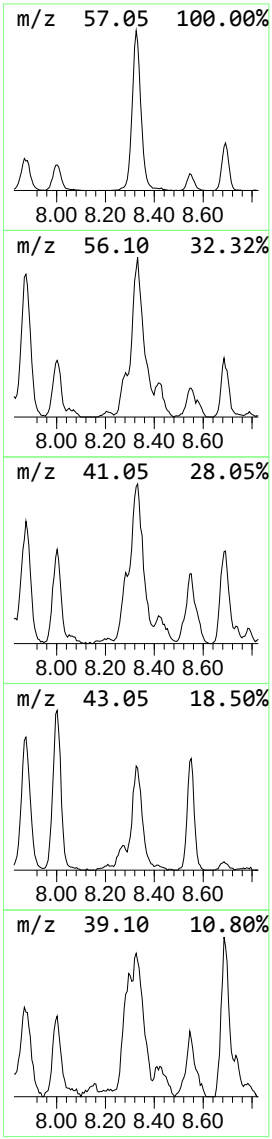
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Butane, 2,2,3,3-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.325	26.80 ug/l	375485	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	53
5	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

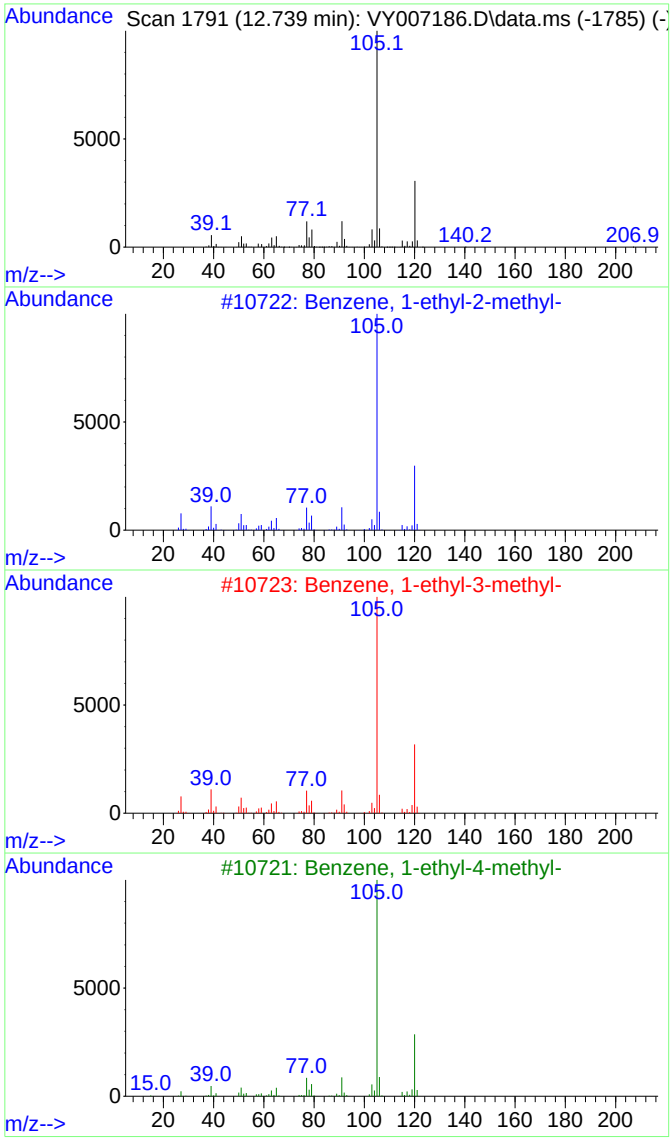
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

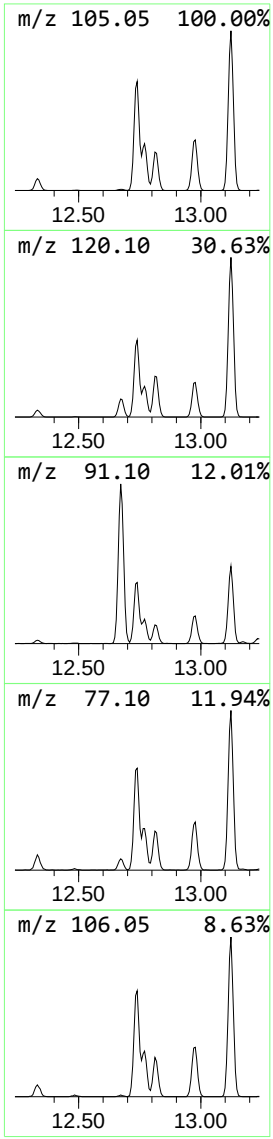
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	137.35 ug/l	1573080	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

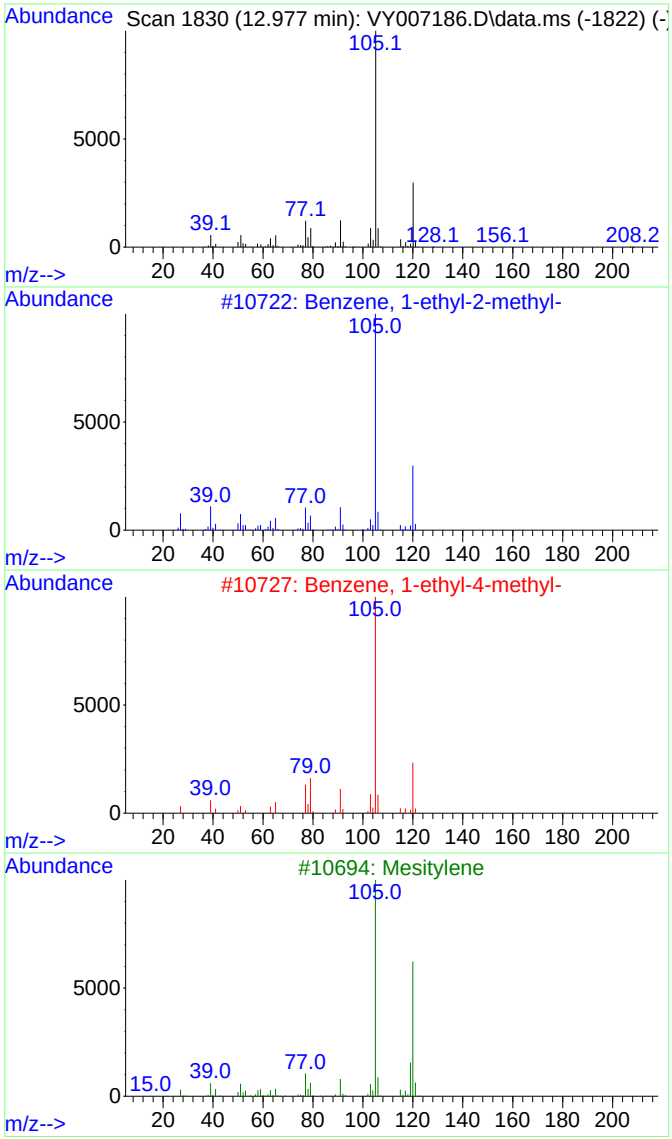
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

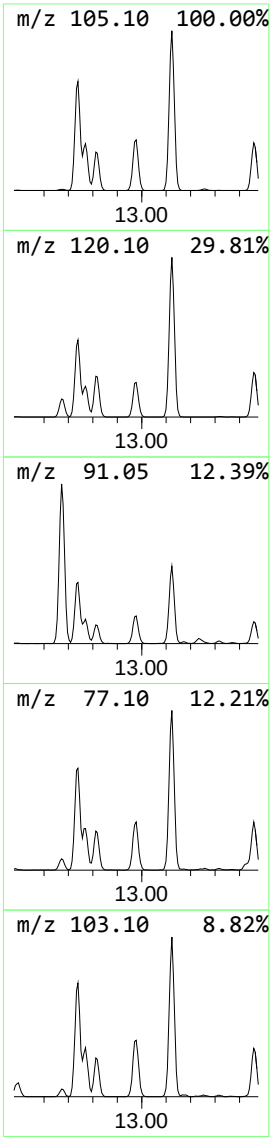
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	67.10 ug/l	768459	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	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

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

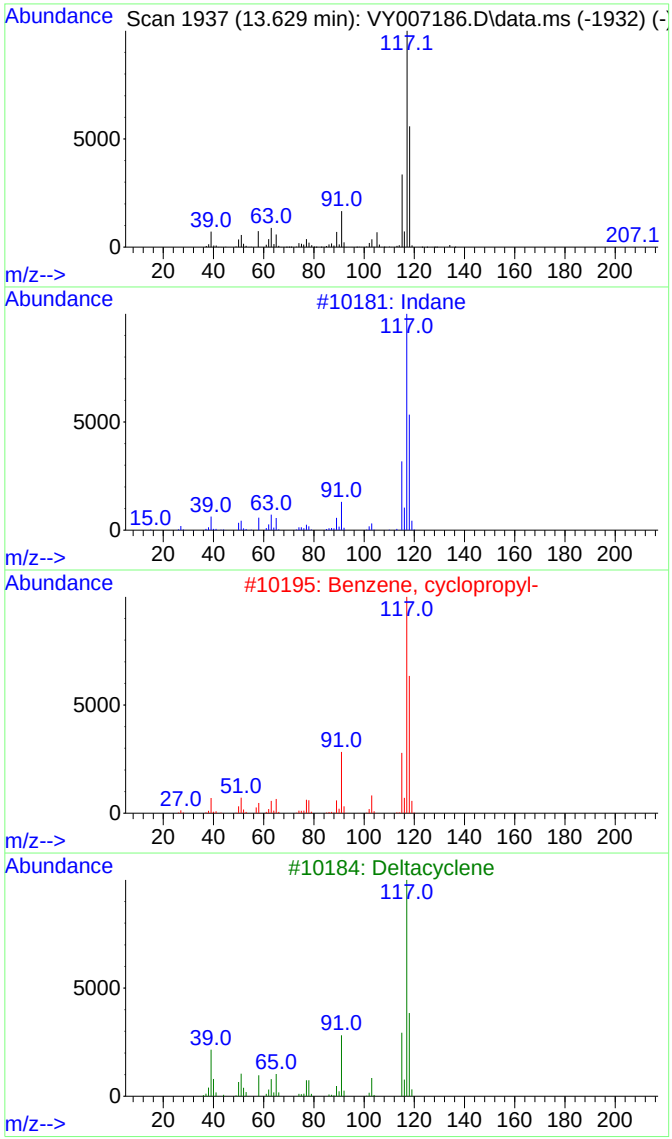
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

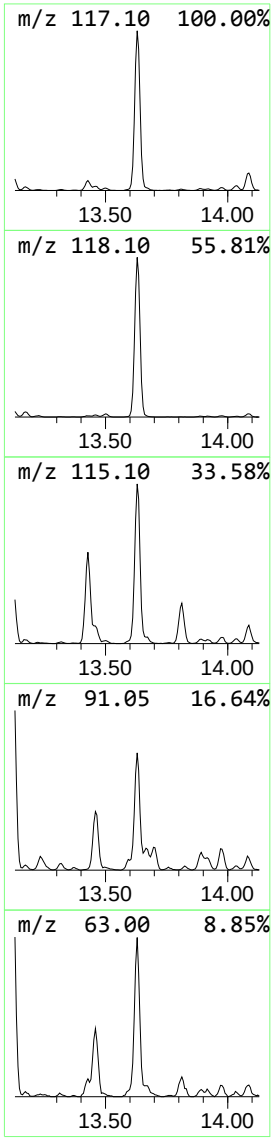
****

Peak Number 14 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	79.78 ug/l	913711	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3	Deltacyclene	118	C9H10	007785-10-6	64
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

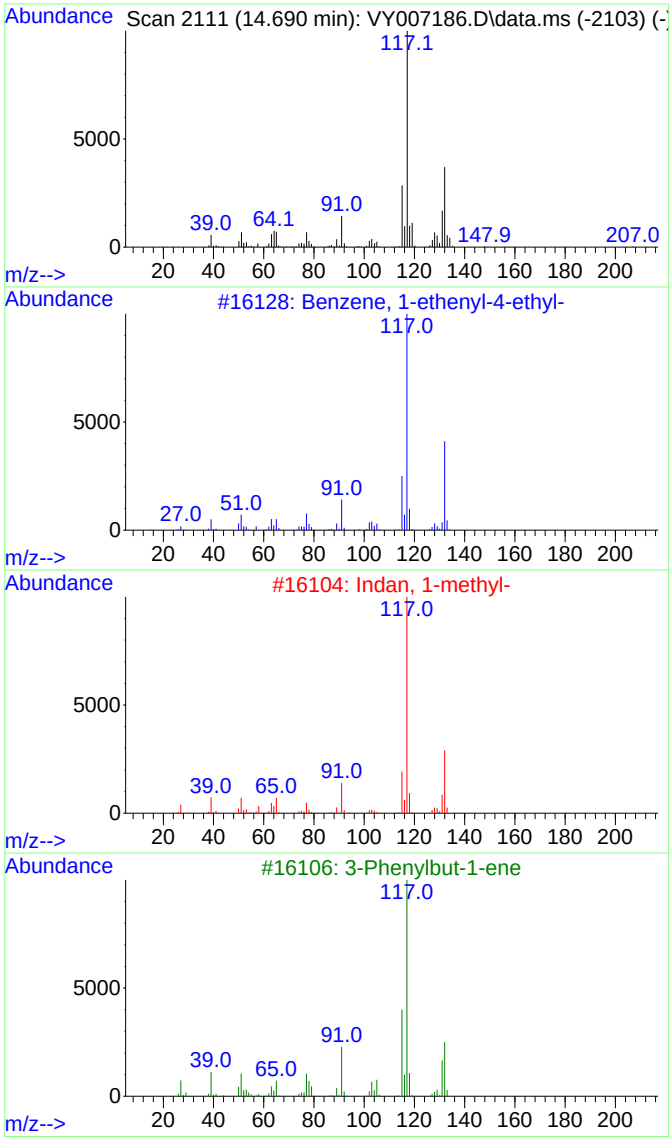
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

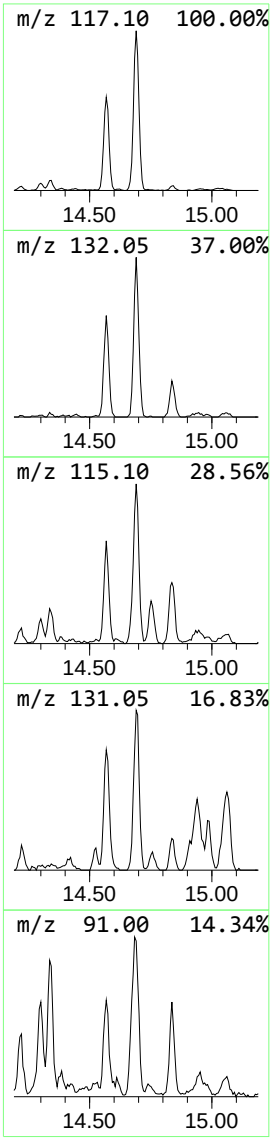
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	20.45 ug/l	234153	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	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007186.D
Acq On : 17 Jan 2022 14:48
Operator : SY/MD
Sample : N1145-07
Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-7-6.5

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
Butane	2.259	55.4	ug/l	684131	1	7.795	617324	50.0
Butane, 2-methyl-	2.906	166.9	ug/l	2060820	1	7.795	617324	50.0
Pentane	3.253	94.0	ug/l	1160890	1	7.795	617324	50.0
Cyclopropane, 1...	3.442	38.5	ug/l	474925	1	7.795	617324	50.0
2-Pentene, (Z)-	3.601	16.9	ug/l	208878	1	7.795	617324	50.0
Cyclopropane, 1...	3.698	57.4	ug/l	708303	1	7.795	617324	50.0
Pentane, 2-methyl-	4.771	85.6	ug/l	1056550	1	7.795	617324	50.0
Pentane, 3-methyl-	5.241	25.3	ug/l	311889	1	7.795	617324	50.0
Cyclopentane, m...	6.795	41.4	ug/l	511483	1	7.795	617324	50.0
Cyclopentene, 1...	7.527	27.6	ug/l	340507	1	7.795	617324	50.0
Butane, 2,2,3,3...	8.325	26.8	ug/l	375485	2	8.691	700522	50.0
Benzene, 1-ethy...	12.739	137.3	ug/l	1573080	4	13.428	572638	50.0
Benzene, 1-ethy...	12.977	67.1	ug/l	768459	4	13.428	572638	50.0
Indane	13.629	79.8	ug/l	913711	4	13.428	572638	50.0
Benzene, 1-ethe...	14.690	20.4	ug/l	234153	4	13.428	572638	50.0