LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

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: VY007185.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	83	rBV	344044	670714	9.27%	1.712%
2	2.911	166	179	202	rBV	737737	1882612	26.01%	4.804%
3	3.259	226	236	256	rVB3	342716	1000398	13.82%	2.553%
4	3.442	256	266	282	rBV	145664	343528	4.75%	0.877%
5	3.606	283	293	300	rVV	72491	182379	2.52%	0.465%
6	3.698	300	308	325	rVB	290299	762419	10.53%	1.946%
7	4.594	442	455	464	rBV2	35520	120296	1.66%	0.307%
8	4.777	464	485	514	rVB6	142856	1070687	14.79%	2.732%
9	5.240	547	561	583	rBV	84478	316101	4.37%	0.807%
10	5.557	603	613	630	rVB2	33672	110717	1.53%	0.283%
11	5.752	633	645	661	rBV2	40155	126666	1.75%	0.323%
12	6.100	693	702	715	rVB	69813	211370	2.92%	0.539%
13	6.240	715	725	733	rBV2	42018	130946	1.81%	0.334%
14	6.332	733	740	752	rVV3	23342	78895	1.09%	0.201%
15	6.539	764	774	789	rVB2	66424	197730	2.73%	0.505%
16	6.795	806	816	825	rVV2	191469	603818	8.34%	1.541%
17	7.526	928	936	946	rBV	133296	326672	4.51%	0.834%
18	7.722	957	968	972	rBV	104140	257212	3.55%	0.656%
19	7.789	972	979	987	rVV3	242899	621867	8.59%	1.587%
20	7.874	987	993	1005	rVB	63686	174308	2.41%	0.445%
21	8.002	1005	1014	1021	rBV2	43547	102664	1.42%	0.262%
22	8.154	1030	1039	1051	rBV3	199515	530580	7.33%	1.354%
23	8.295	1051	1062	1064	rBV4	51456	134015	1.85%	0.342%
24	8.691	1117	1127	1139	rBV	329641	721952	9.97%	1.842%
25	9.185	1194	1208	1215	rBV3	72654	213350	2.95%	0.544%
26	9.709	1287	1294	1297	rBV	46104	84044	1.16%	0.214%
27	9.752	1297	1301	1308	rVB3	45752	102509	1.42%	0.262%
28	10.178	1364	1371	1376	rBV	427025	760534	10.51%	1.941%
29	10.245	1376	1382	1395	rVB	4388382	7238243	100.00%	18.472%
30	11.489	1579	1586	1595	rBV	394416	665013	9.19%	1.697%
31	11.593	1595	1603	1613	rVV	2689131	4261114	58.87%	10.874%
32	11.703	1613	1621	1631	rVV	2814859	5115626	70.67%	13.055%
33	12.032	1663	1675	1686	rBV	1242560	1969289	27.21%	5.026%
34	12.330	1718	1724	1730	rBV	110772	181477	2.51%	0.463%
35	12.489	1743	1750	1758	rBV2	726535	1324644	18.30%	3.380%
36	12.672	1773	1780	1785	rBV	270129	408743	5.65%	1.043%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

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	350815	573716	7.93%	1.464%
38	12.769	1794	1796	1800	rVV	235067	304349	4.20%	0.777%
39	12.818	1800	1804	1809	rVB	185828	289238	4.00%	0.738%
40	12.977	1822	1830	1837	rBV	328561	550960	7.61%	1.406%
41	13.123	1847	1854	1860	rBV	446132	675596	9.33%	1.724%
42	13.428	1898	1904	1907	rBV	393141	644988	8.91%	1.646%
43	13.458	1907	1909	1915	rVB	323358	442602	6.11%	1.129%
44	13.629	1932	1937	1943	rVV	642988	988056	13.65%	2.521%
45	13.672	1943	1944	1953	rVB3	44530	75847	1.05%	0.194%
46	13.812	1962	1967	1976	rVB2	67848	132164	1.83%	0.337%
47	13.897	1976	1981	1988	rVV3	41397	85715	1.18%	0.219%
48	13.977	1988	1994	1999	rVB2	140987	222092	3.07%	0.567%
49	14.086	2007	2012	2018	rVB2	96275	145856	2.02%	0.372%
50	14.300	2038	2047	2051	rBV	59374	99678	1.38%	0.254%
51	14.568	2086	2091	2096	rBV	73111	111271	1.54%	0.284%
52	14.690	2103	2111	2117	rBV2	141753	259749	3.59%	0.663%
53	15.238	2194	2201	2208	rVB	293790	497312	6.87%	1.269%
54	16.299	2367	2375	2382	rBV	43390	83607	1.16%	0.213%

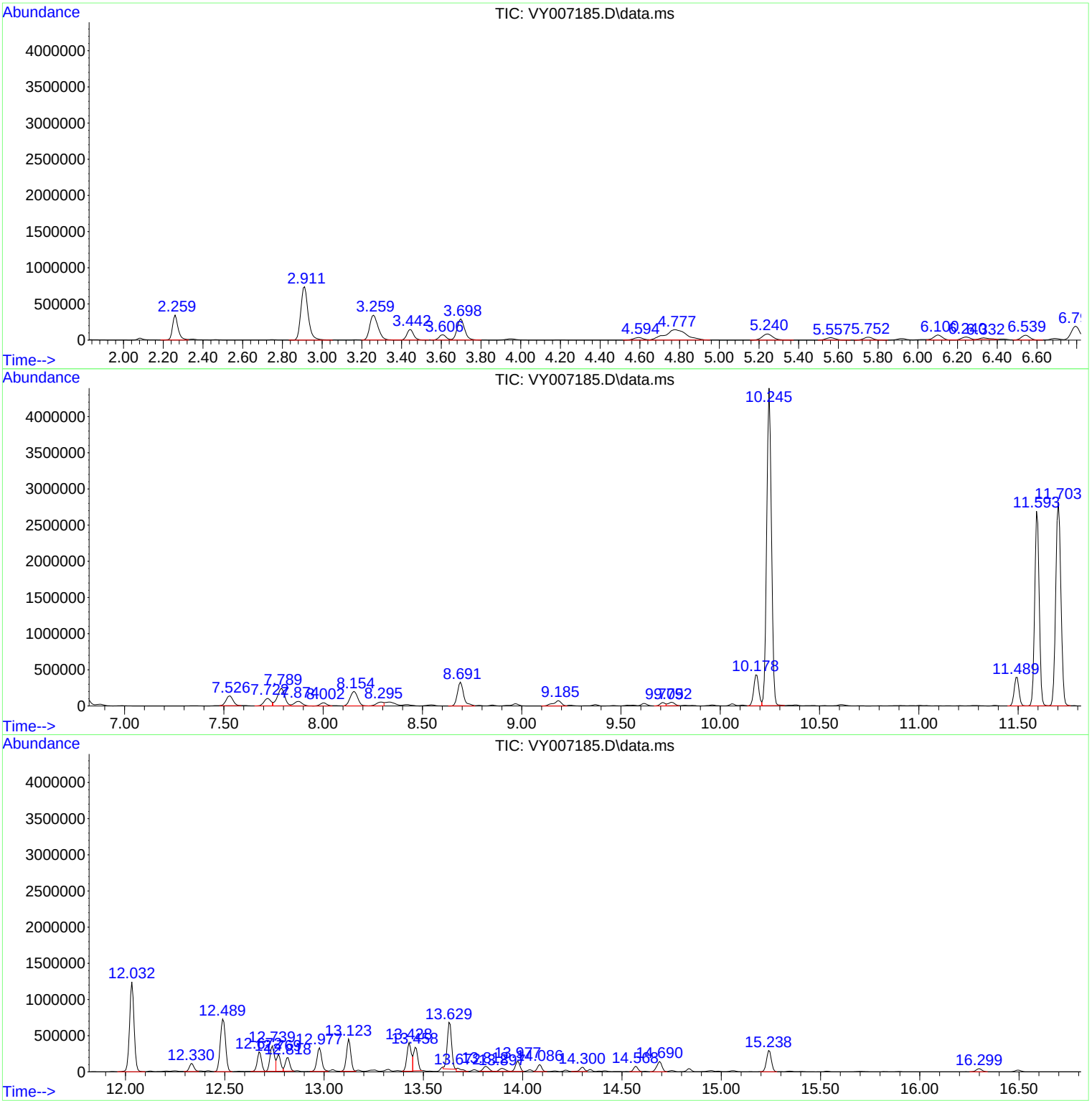
Sum of corrected areas: 39185928

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

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 : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

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

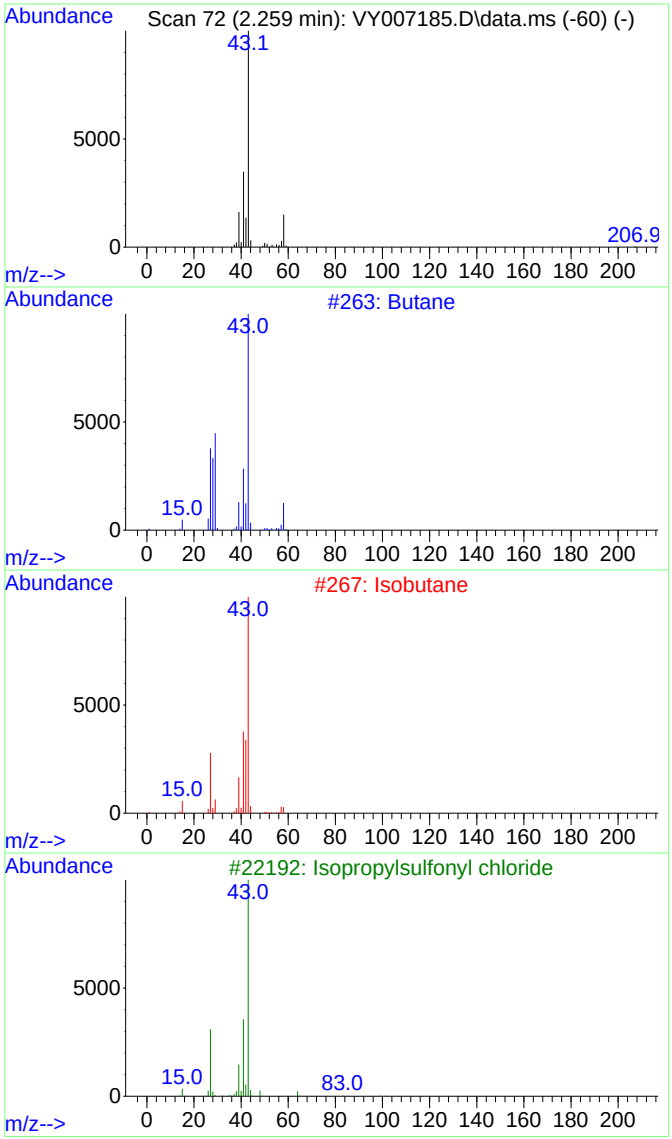
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

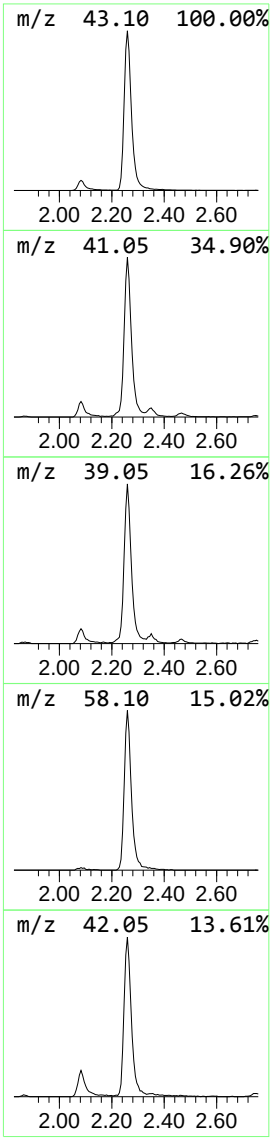
****

Peak Number 1 Butane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.259	53.93 ug/l	670714	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 : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

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

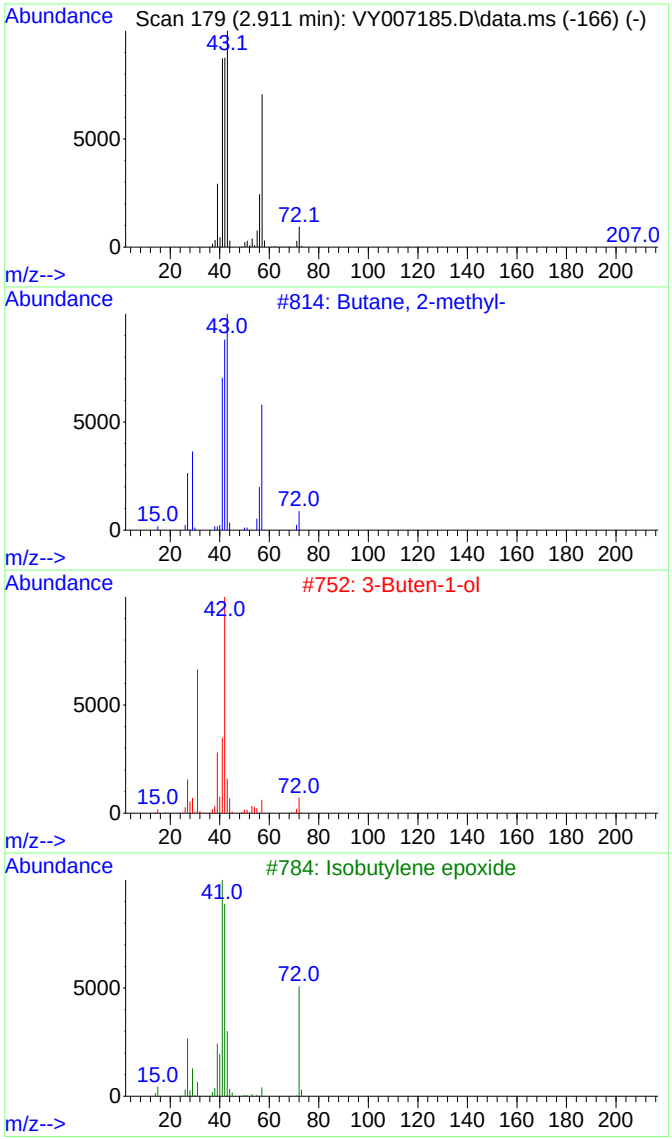
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

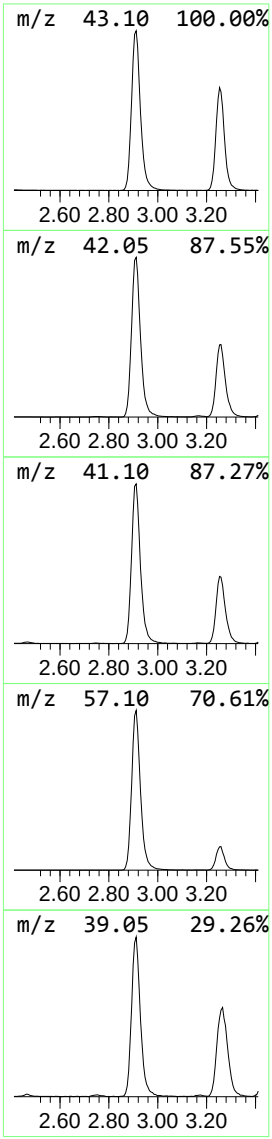
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.911	151.37 ug/l	1882610	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	50
3	Isobutylene epoxide	72	C4H8O	000558-30-5	42
4	Pentane	72	C5H12	000109-66-0	37
5	1-Butene	56	C4H8	000106-98-9	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

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

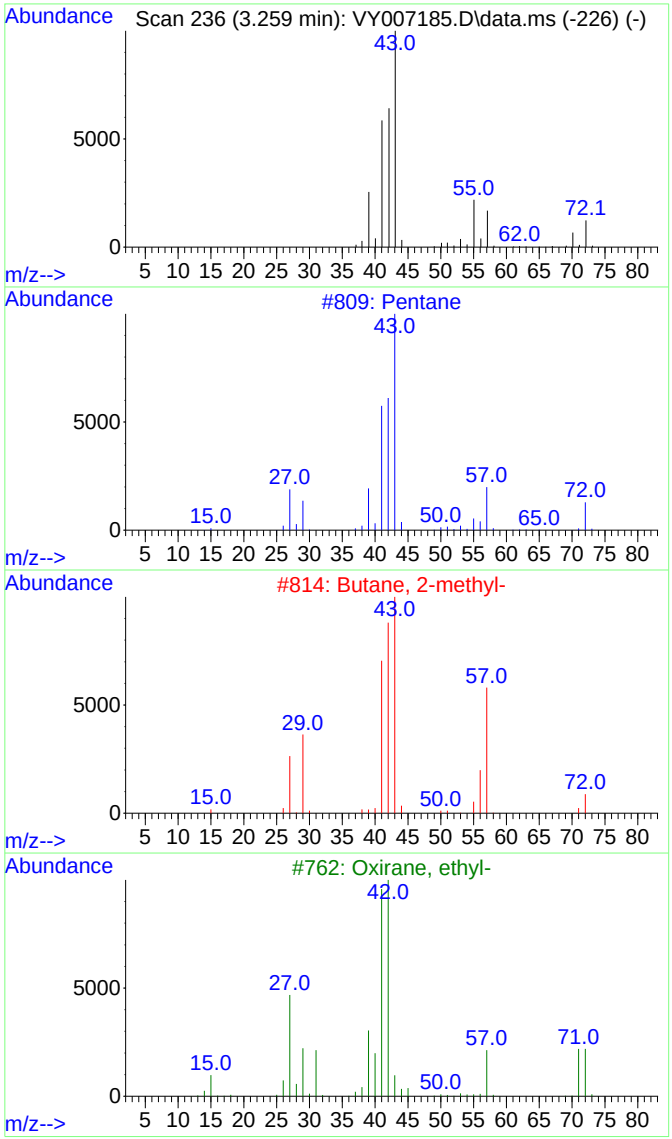
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

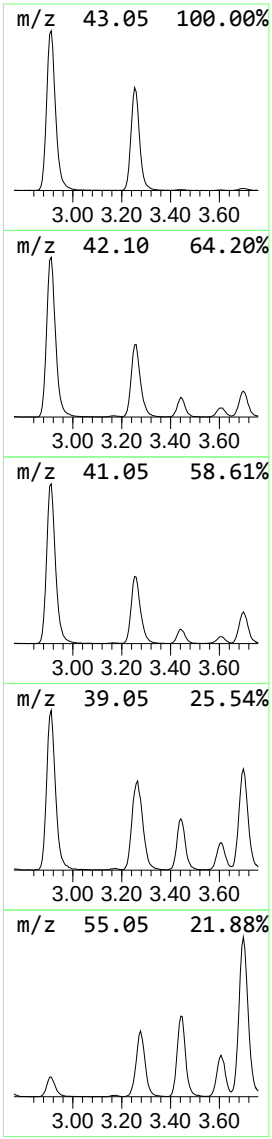
****

Peak Number 3 Pentane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.259	80.44 ug/l	1000400	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	87
2	Butane, 2-methyl-	72	C5H12	000078-78-4	45
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	38
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	25
5	Isobutyl nitrite	103	C4H9NO2	000542-56-3	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

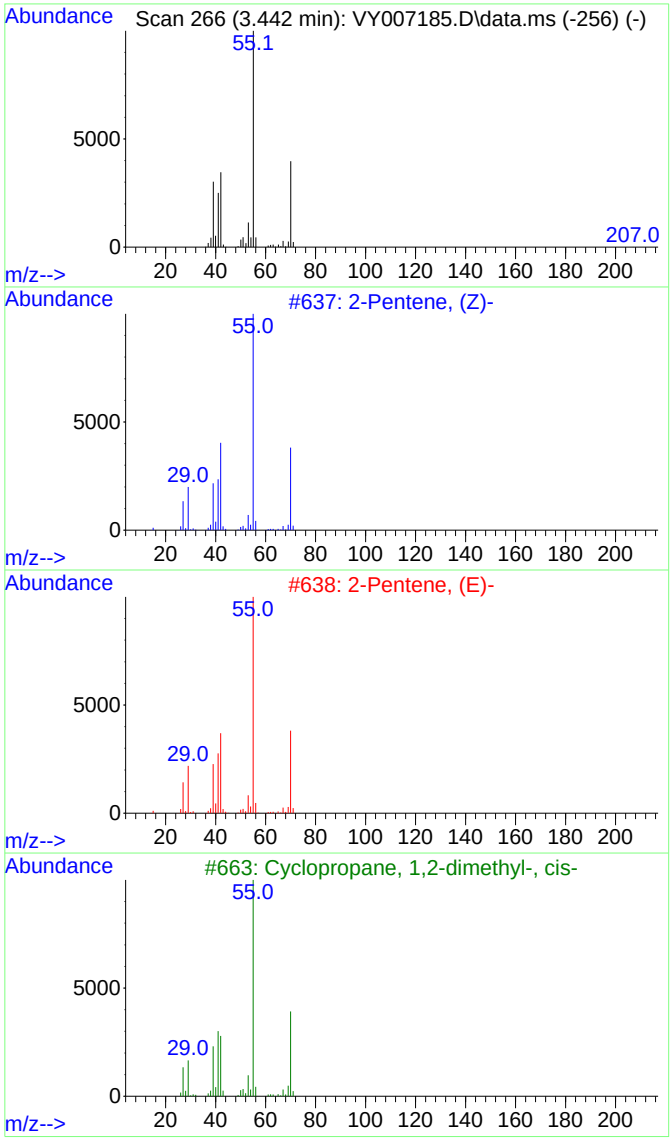
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

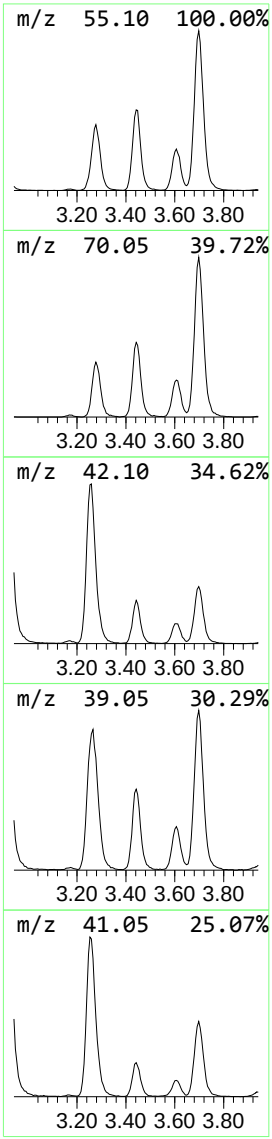
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentene, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.442	27.62 ug/l	343528	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
2	2-Pentene, (E)-	70	C5H10	000646-04-8	90
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
5	2-Pentene	70	C5H10	000109-68-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

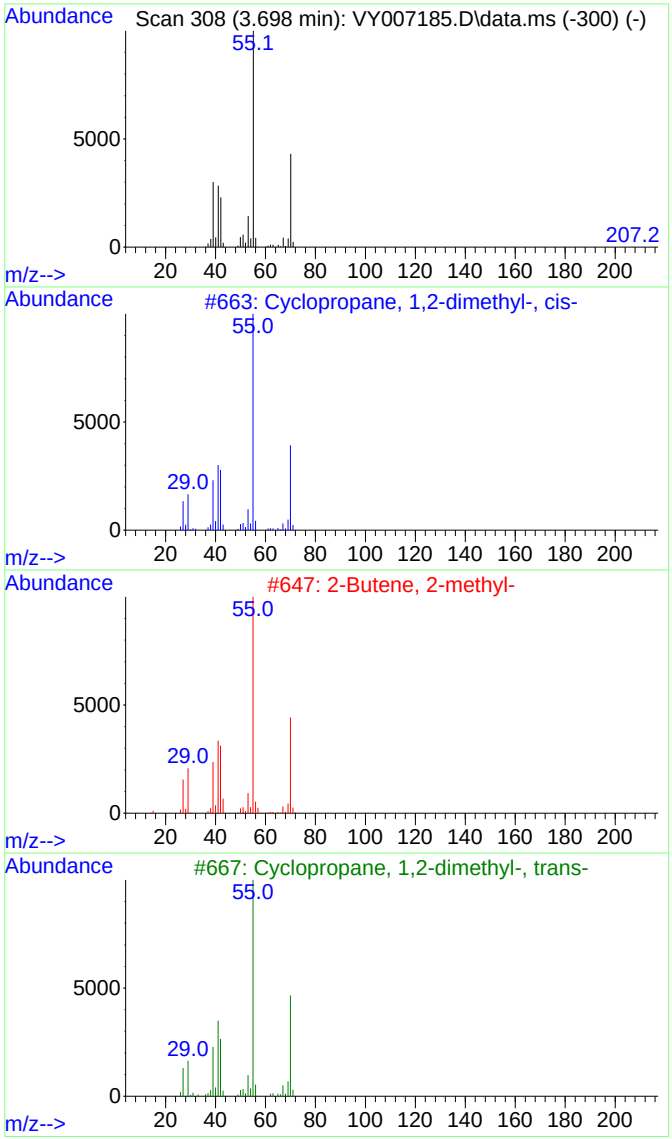
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

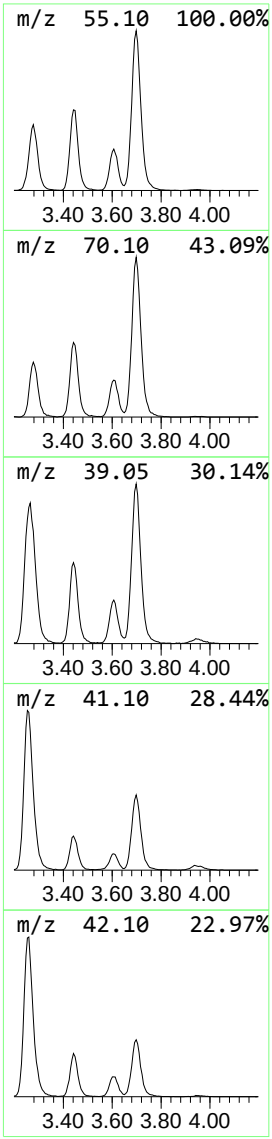
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.698	61.30 ug/l	762419	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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

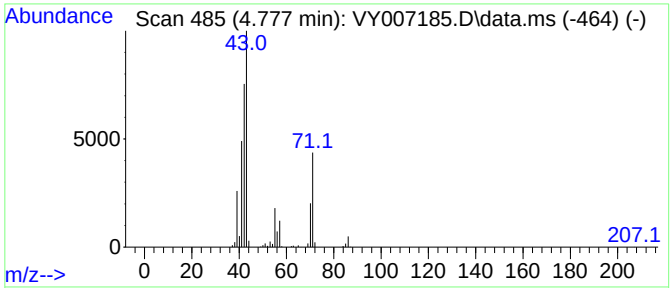
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

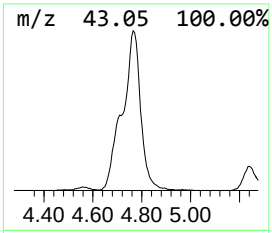
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

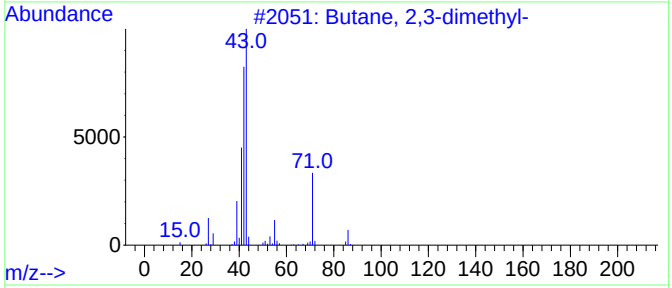
****
Peak Number 6 Butane, 2,3-dimethyl- Concentration Rank 2

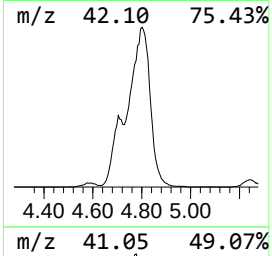
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.777	86.09 ug/l	1070690	Pentafluorobenzene	7.795

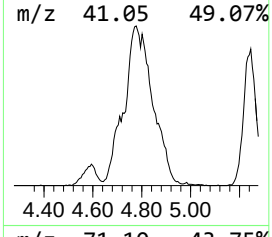
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
3	1-Pentene	70	C5H10	000109-67-1	37
4	Cyclopentane	70	C5H10	000287-92-3	32
5	Pentane	72	C5H12	000109-66-0	25

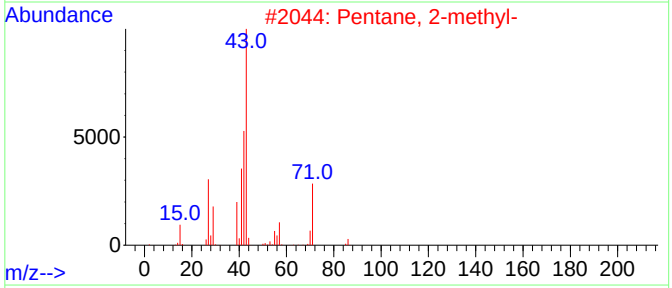


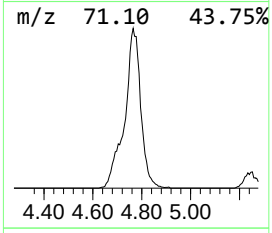


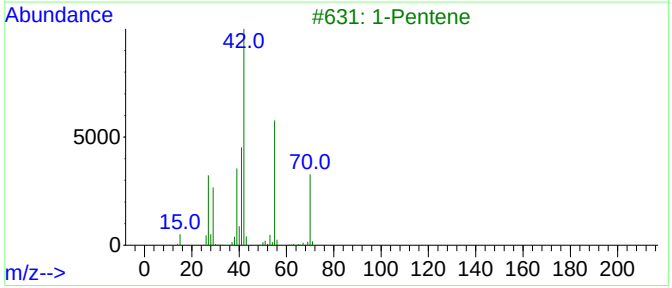


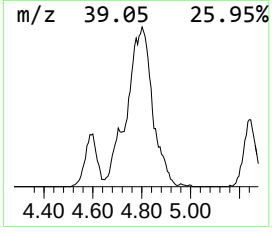












Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

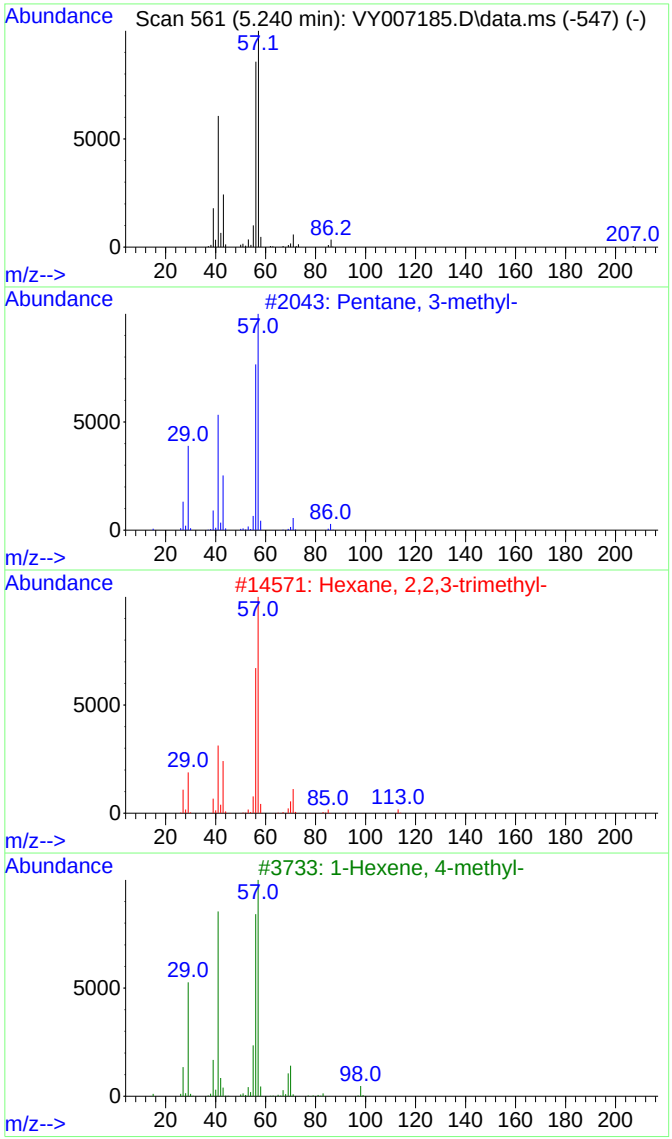
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

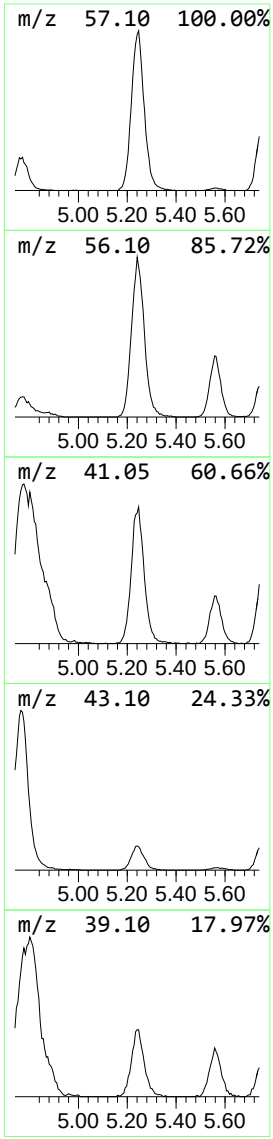
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.240	25.42 ug/l	316101	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	64
3	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	43
4	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	40
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	40





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Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

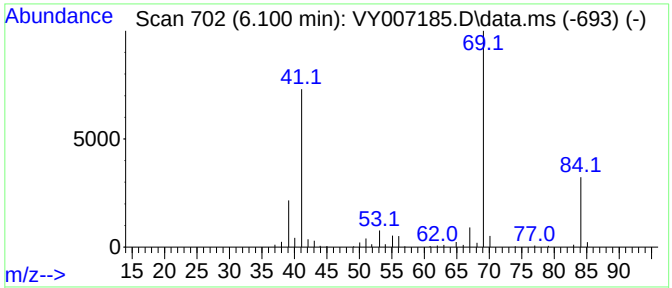
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

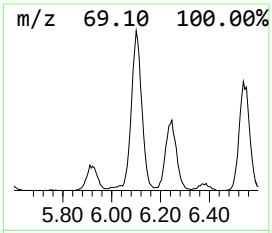
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

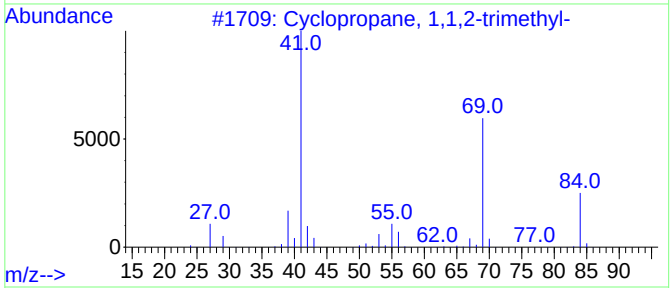
****
Peak Number 8 Cyclopropane, 1,1,2-trimethyl- Concentration Rank 15

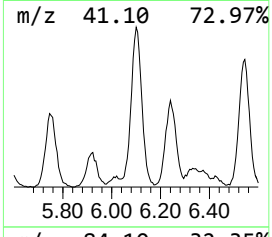
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.100	16.99 ug/l	211370	Pentafluorobenzene	7.795

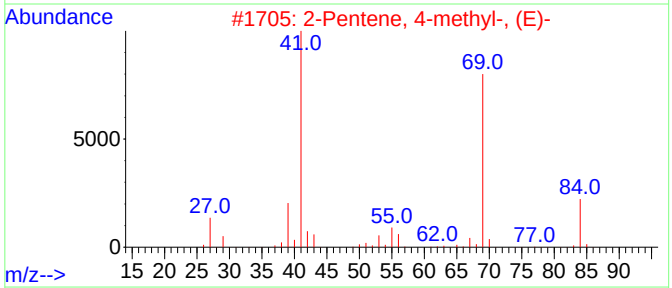
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	86
2	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	86
3	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	83
4	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	80
5	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	78

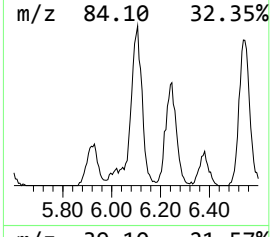


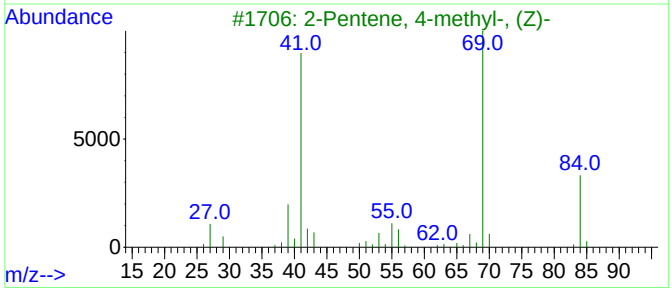


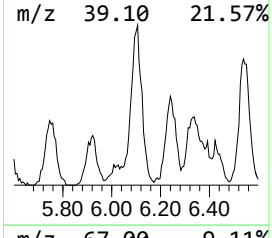


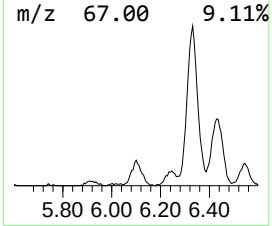












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Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

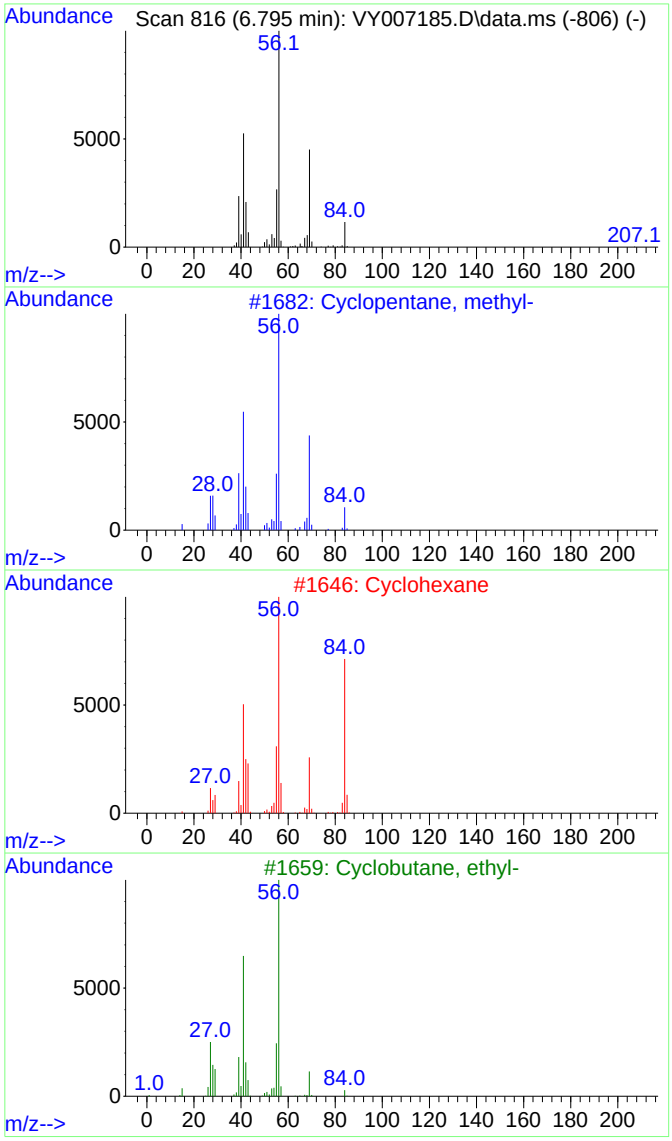
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

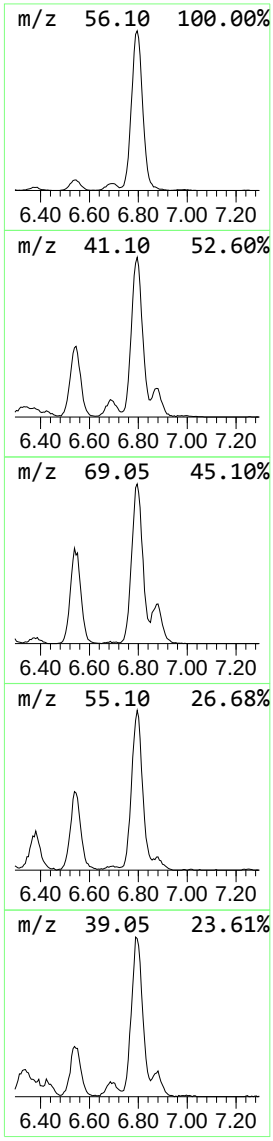
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopentane, methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.795	48.55 ug/l	603818	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	78
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5	Cyclobutane	56	C4H8	000287-23-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

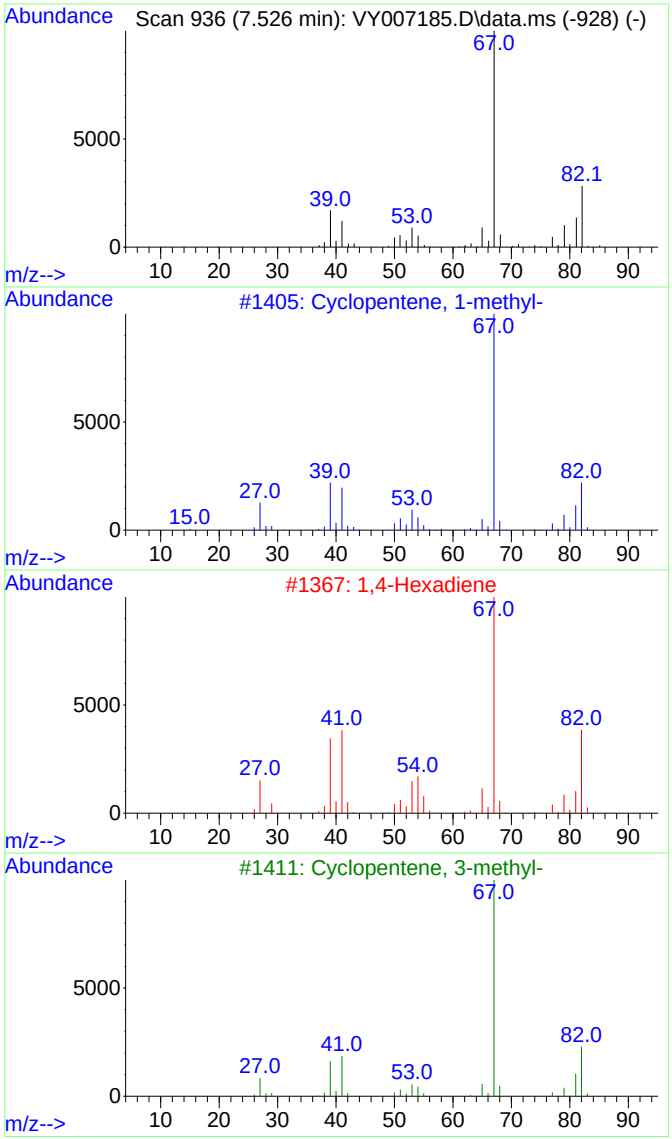
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

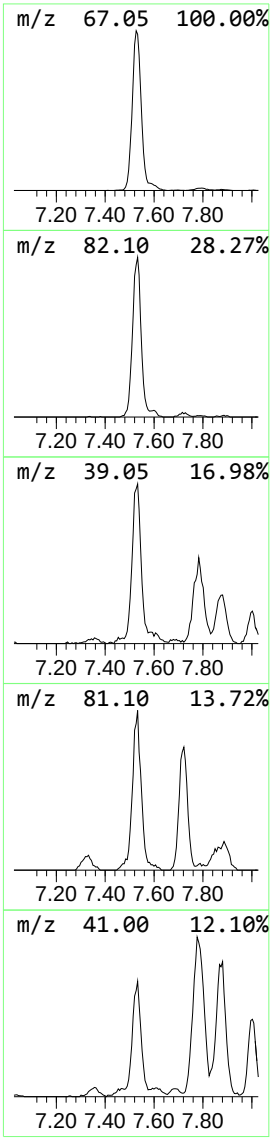
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.526	26.27 ug/l	326672	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	90
2	1,4-Hexadiene	82	C6H10	000592-45-0	86
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
4	1,3-Pentadiene, 3-methyl-, (E)-	82	C6H10	002787-43-1	86
5	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	83





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Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

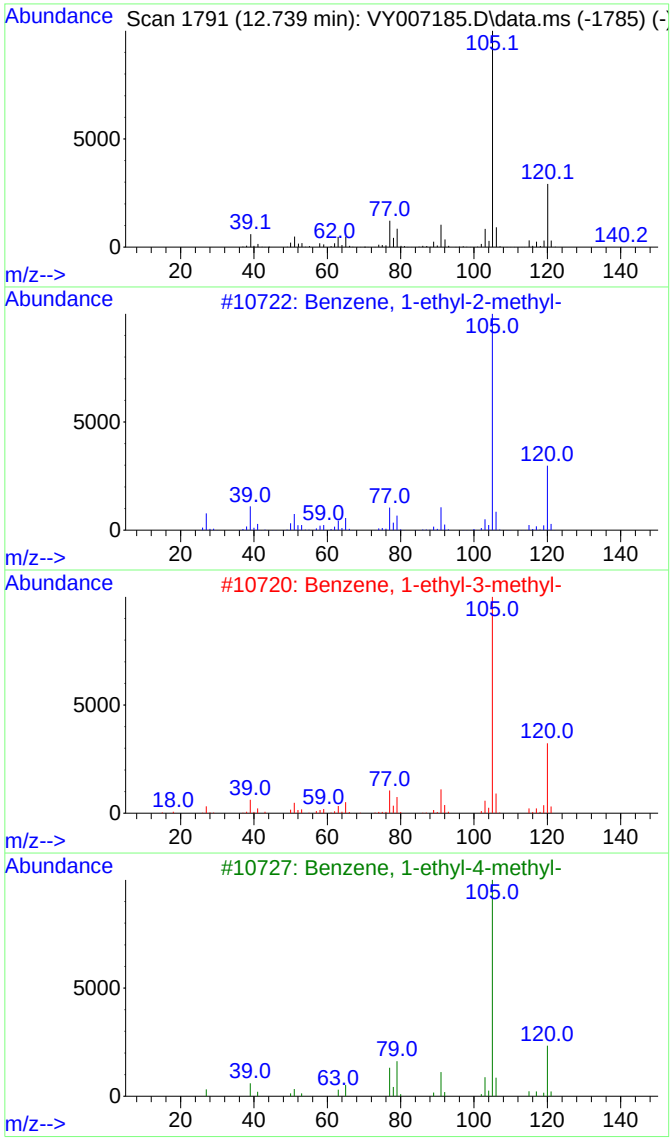
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

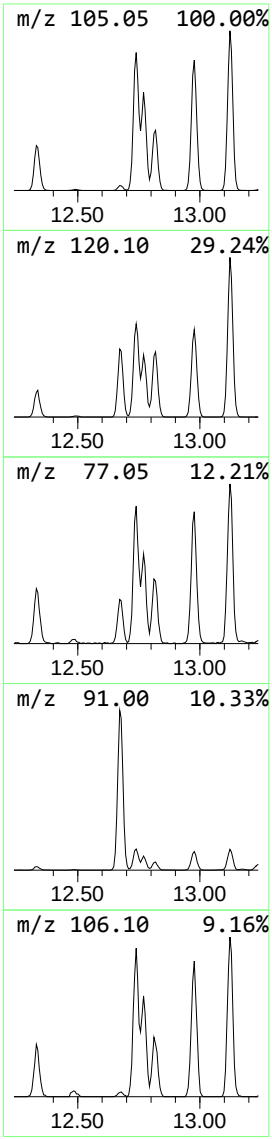
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	44.47 ug/l	573716	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	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

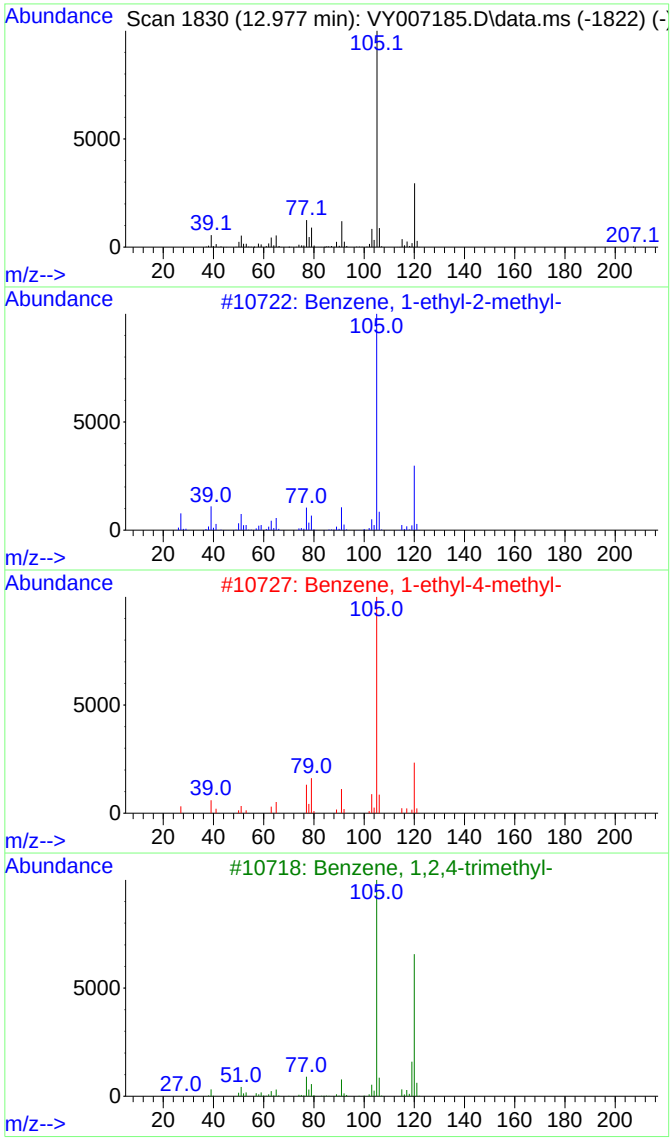
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

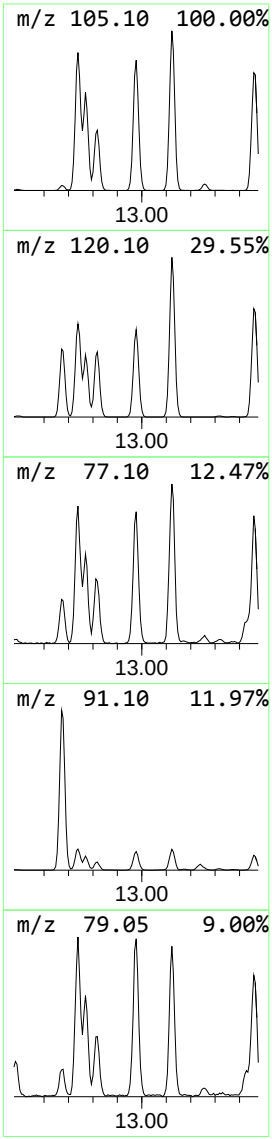
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	42.71 ug/l	550960	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	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

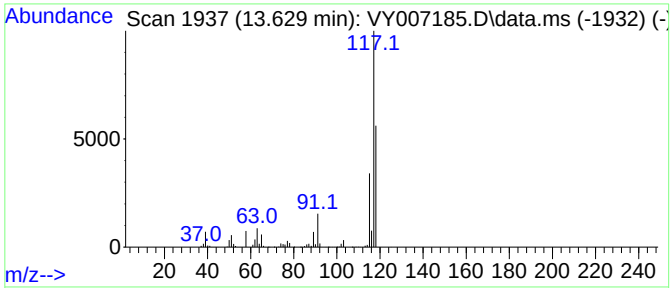
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

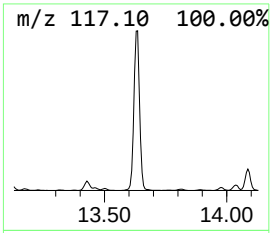
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

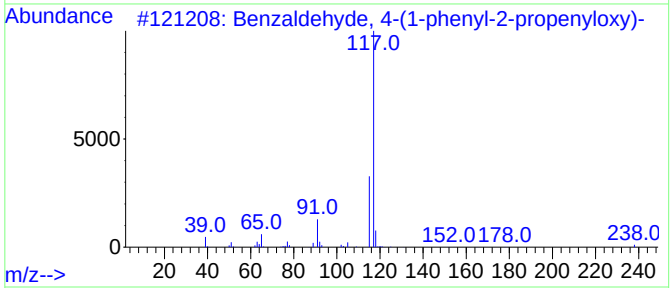
****
Peak Number 13 Benzaldehyde, 4-(1-phenyl-2... Concentration Rank 4

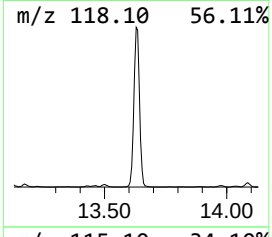
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	76.59 ug/l	988056	1,4-Dichlorobenzene-d4	13.428

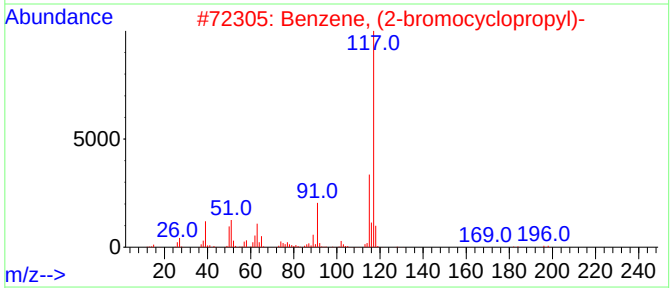
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	53
2	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	45
3	Indole	117	C8H7N	000120-72-9	43
4	4-Ethynylaniline	117	C8H7N	014235-81-5	43
5	Deltacyclene	118	C9H10	007785-10-6	42

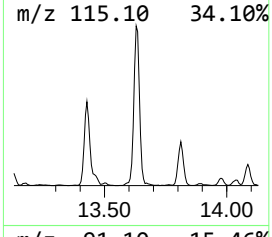


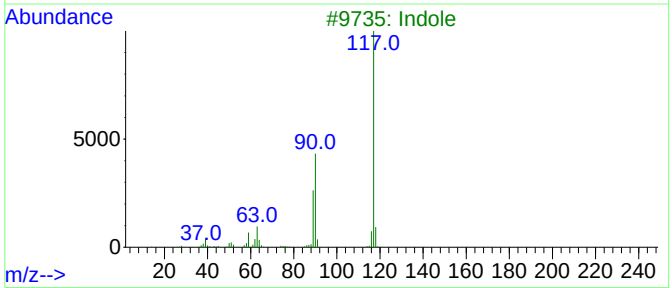


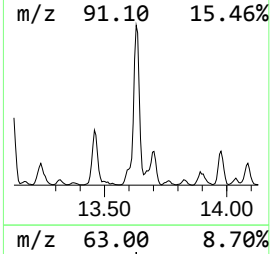


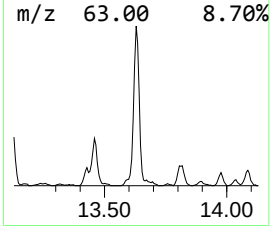












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Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

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

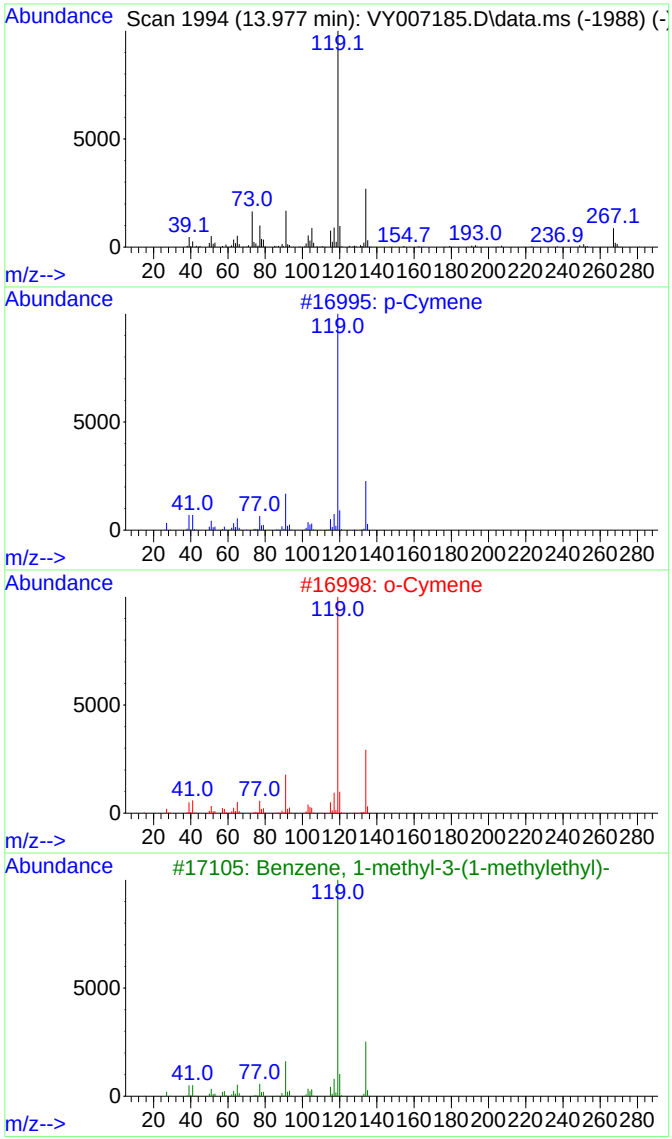
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

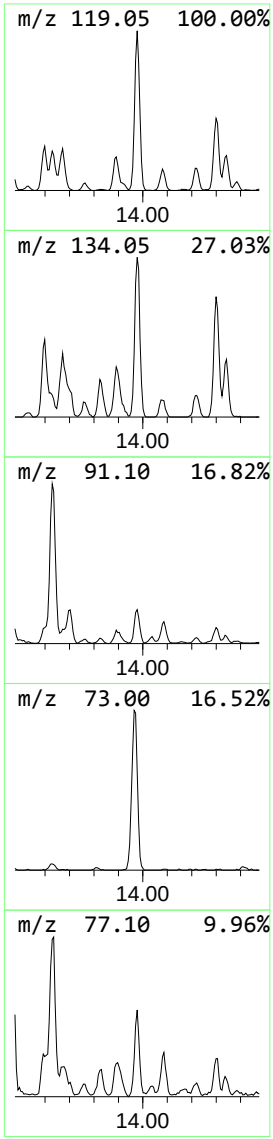
****

Peak Number 14 p-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	17.22 ug/l	222092	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

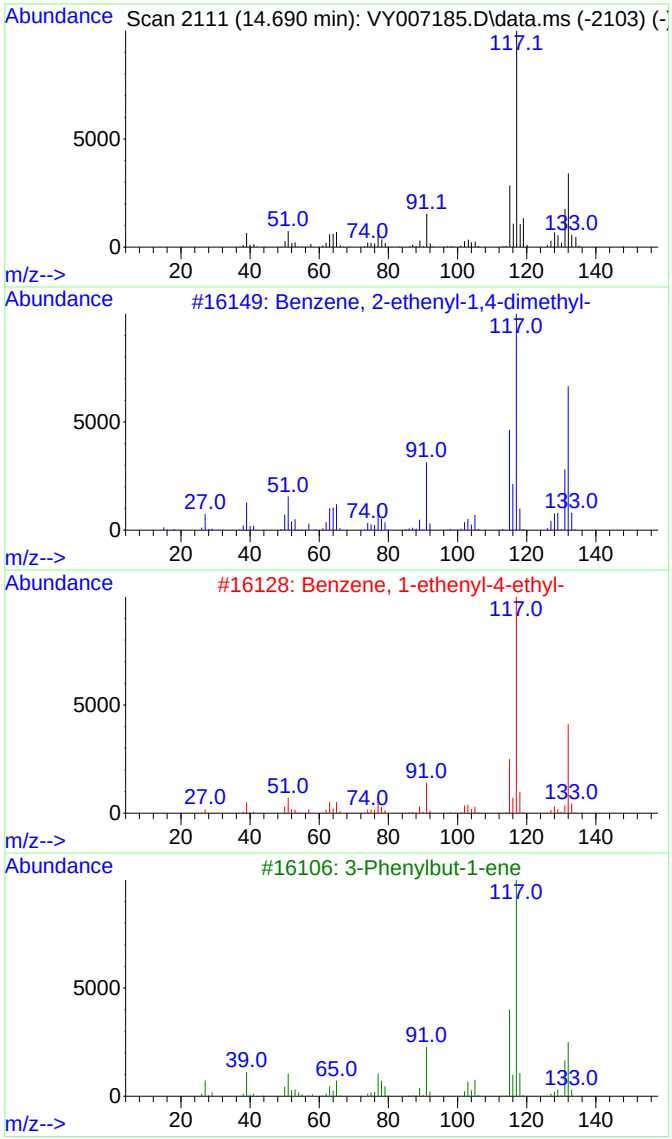
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

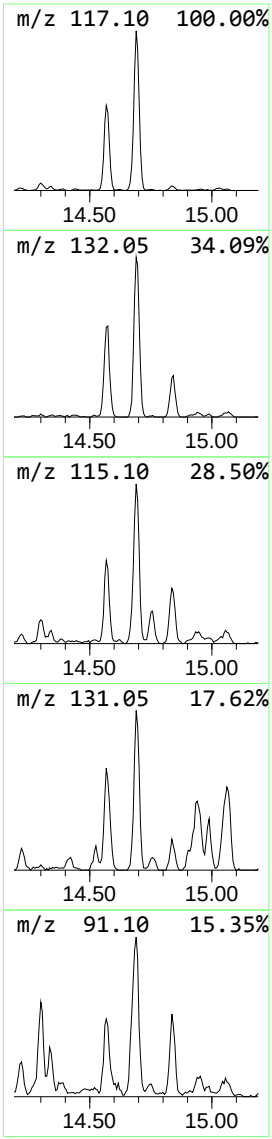
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	20.14 ug/l	259749	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007185.D
Acq On : 17 Jan 2022 14:25
Operator : SY/MD
Sample : N1145-06
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-6-8.5

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	53.9	ug/l	670714	1	7.795	621867	50.0
Butane, 2-methyl-	2.911	151.4	ug/l	1882610	1	7.795	621867	50.0
Pentane	3.259	80.4	ug/l	1000400	1	7.795	621867	50.0
2-Pentene, (Z)-	3.442	27.6	ug/l	343528	1	7.795	621867	50.0
Cyclopropane, 1...	3.698	61.3	ug/l	762419	1	7.795	621867	50.0
Butane, 2,3-dim...	4.777	86.1	ug/l	1070690	1	7.795	621867	50.0
Pentane, 3-methyl-	5.240	25.4	ug/l	316101	1	7.795	621867	50.0
Cyclopropane, 1...	6.100	17.0	ug/l	211370	1	7.795	621867	50.0
Cyclopentane, m...	6.795	48.5	ug/l	603818	1	7.795	621867	50.0
Cyclopentene, 1...	7.526	26.3	ug/l	326672	1	7.795	621867	50.0
Benzene, 1-ethy...	12.739	44.5	ug/l	573716	4	13.428	644988	50.0
Benzene, 1-ethy...	12.977	42.7	ug/l	550960	4	13.428	644988	50.0
Benzaldehyde, 4...	13.629	76.6	ug/l	988056	4	13.428	644988	50.0
p-Cymene	13.977	17.2	ug/l	222092	4	13.428	644988	50.0
Benzene, 2-ethe...	14.690	20.1	ug/l	259749	4	13.428	644988	50.0