LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

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: VY007205.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.089	35	44	60	rBV2	26465	75227	1.69%	0.206%
2	2.266	69	73	82	rVV	62649	146537	3.29%	0.401%
3	2.345	82	86	101	rVB2	18110	54155	1.21%	0.148%
4	2.918	168	180	218	rBV	1631804	4458278	100.00%	12.203%
5	3.259	227	236	261	rVB	165589	433695	9.73%	1.187%
6	3.948	335	349	380	rBV	181368	698326	15.66%	1.911%
7	4.710	459	474	480	rBV	801837	3069322	68.85%	8.401%
8	5.247	545	562	589	rBV	608099	2303586	51.67%	6.305%
9	5.753	630	645	662	rBV	85309	268000	6.01%	0.734%
10	6.125	696	706	718	rVB2	19894	65830	1.48%	0.180%
11	6.533	761	773	786	rBV	29980	109959	2.47%	0.301%
12	6.692	787	799	808	rVV	483902	1589743	35.66%	4.352%
13	6.795	808	816	834	rVV	337448	1117530	25.07%	3.059%
14	6.984	838	847	868	rVB2	22461	83364	1.87%	0.228%
15	7.533	917	937	948	rBV	53113	191050	4.29%	0.523%
16	7.722	958	968	971	rBV	95522	231536	5.19%	0.634%
17	7.783	971	978	985	rVV4	306948	940927	21.11%	2.576%
18	7.874	985	993	1006	rVB	1024228	2690846	60.36%	7.365%
19	8.002	1006	1014	1021	rBV	306130	702225	15.75%	1.922%
20	8.143	1031	1037	1048	rVB2	97473	225539	5.06%	0.617%
21	8.277	1048	1059	1062	rBV2	244552	574969	12.90%	1.574%
22	8.332	1062	1068	1078	rVV	653004	1950825	43.76%	5.340%
23	8.423	1078	1083	1095	rVB	133720	307794	6.90%	0.843%
24	8.551	1095	1104	1117	rVB	92864	198697	4.46%	0.544%
25	8.691	1117	1127	1140	rBV	255726	535638	12.01%	1.466%
26	9.185	1191	1208	1214	rBV3	308574	948060	21.27%	2.595%
27	9.246	1214	1218	1225	rVV	73826	143811	3.23%	0.394%
28	9.325	1225	1231	1234	rVV	31306	63082	1.41%	0.173%
29	9.368	1234	1238	1245	rVB	80244	152160	3.41%	0.416%
30	9.466	1245	1254	1261	rBV	66876	144894	3.25%	0.397%
31	9.618	1273	1279	1289	rVB	288964	585384	13.13%	1.602%
32	9.752	1289	1301	1308	rBV	354428	803549	18.02%	2.200%
33	9.819	1308	1312	1316	rVV2	32596	69663	1.56%	0.191%
34	9.959	1325	1335	1348	rBV4	53609	186167	4.18%	0.510%
35	10.100	1353	1358	1364	rVB3	29593	59373	1.33%	0.163%
36	10.179	1364	1371	1386	rBV	445247	853462	19.14%	2.336%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

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	10.307	1386	1392	1395	rBV3	29375	51106	1.15%	0.140%
38	10.350	1395	1399	1401	rBV2	30754	50414	1.13%	0.138%
39	10.526	1422	1428	1434	rVV	42676	79147	1.78%	0.217%
40	10.618	1434	1443	1450	rVV2	65290	135772	3.05%	0.372%
41	11.496	1579	1587	1594	rBV	333688	564357	12.66%	1.545%
42	11.593	1594	1603	1613	rVB	541279	871214	19.54%	2.385%
43	11.709	1613	1622	1633	rBV	72275	151766	3.40%	0.415%
44	12.032	1662	1675	1683	rBV	50343	93891	2.11%	0.257%
45	12.331	1719	1724	1730	rBV	86087	140525	3.15%	0.385%
46	12.489	1741	1750	1758	rBV2	559867	984818	22.09%	2.696%
47	12.672	1774	1780	1786	rBV	317581	490395	11.00%	1.342%
48	12.739	1786	1791	1794	rVV	66864	107665	2.41%	0.295%
49	12.770	1794	1796	1800	rVV	44932	57764	1.30%	0.158%
50	12.977	1822	1830	1837	rBV	209406	326466	7.32%	0.894%
51	13.123	1849	1854	1861	rVB	153045	229263	5.14%	0.628%
52	13.251	1867	1875	1882	rBV2	62492	158502	3.56%	0.434%
53	13.428	1899	1904	1915	rVV2	264974	439730	9.86%	1.204%
54	13.599	1925	1932	1934	rBV	340801	521325	11.69%	1.427%
55	13.629	1934	1937	1942	rVV	868307	1357943	30.46%	3.717%
56	13.678	1942	1945	1953	rVB2	196514	353062	7.92%	0.966%
57	13.764	1953	1959	1964	rBV	48098	73089	1.64%	0.200%
58	13.825	1964	1969	1975	rVB	83126	130314	2.92%	0.357%
59	13.898	1975	1981	1988	rBV3	58467	119288	2.68%	0.327%
60	13.977	1988	1994	1999	rBV3	126242	195901	4.39%	0.536%
61	14.038	1999	2004	2007	rBV	127420	189327	4.25%	0.518%
62	14.087	2007	2012	2018	rVB	347177	530578	11.90%	1.452%
63	14.300	2039	2047	2052	rBV	120397	184572	4.14%	0.505%
64	14.568	2087	2091	2096	rVV2	47090	76717	1.72%	0.210%
65	14.690	2103	2111	2117	rBV3	184323	359661	8.07%	0.984%
66	14.837	2127	2135	2141	rBV	42827	70128	1.57%	0.192%
67	15.062	2164	2172	2178	rVB4	25970	64330	1.44%	0.176%
68	15.239	2195	2201	2208	rVB	204328	340945	7.65%	0.933%

Sum of corrected areas: 36533178

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
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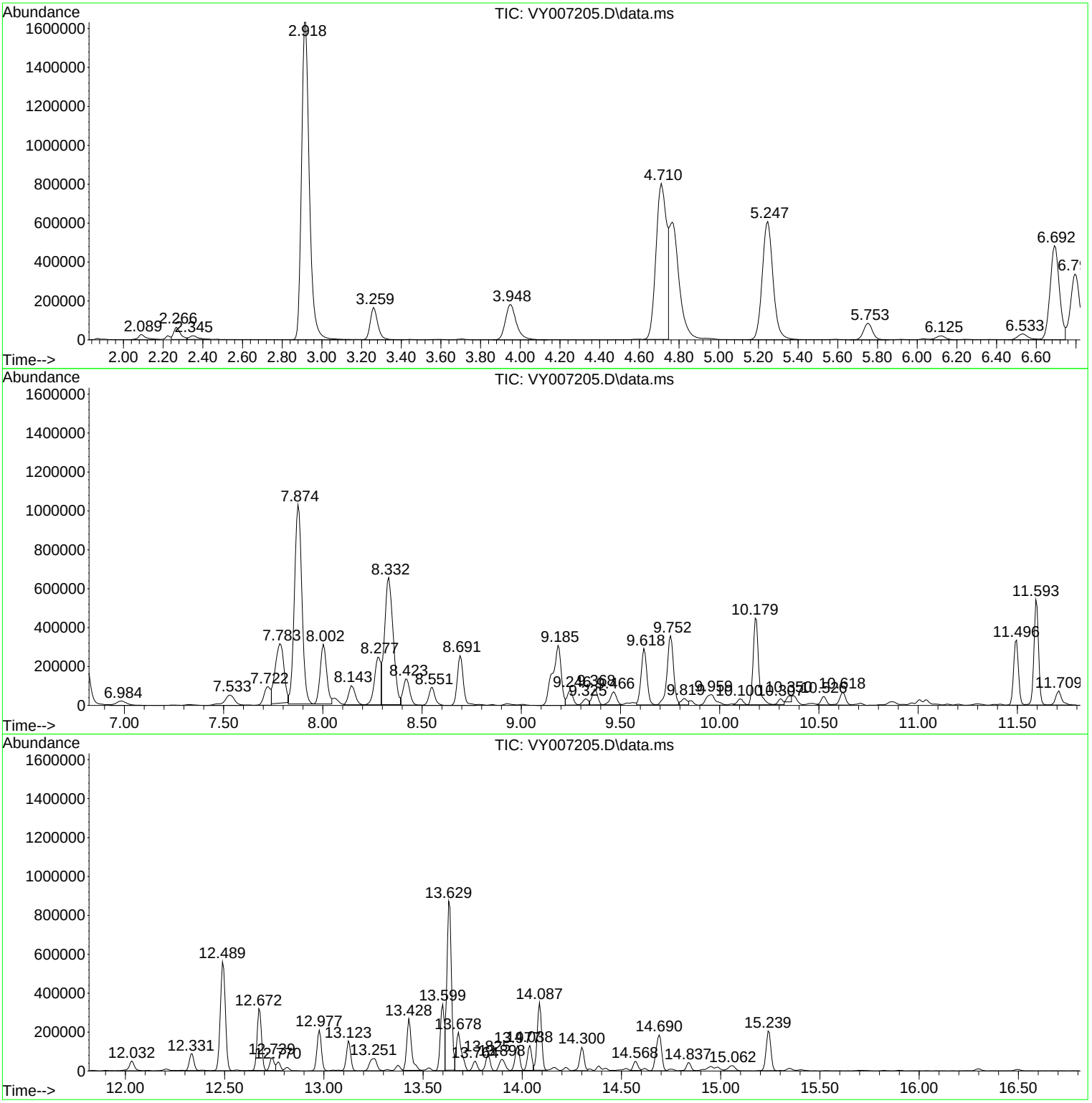
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

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\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
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A3-9-7.0

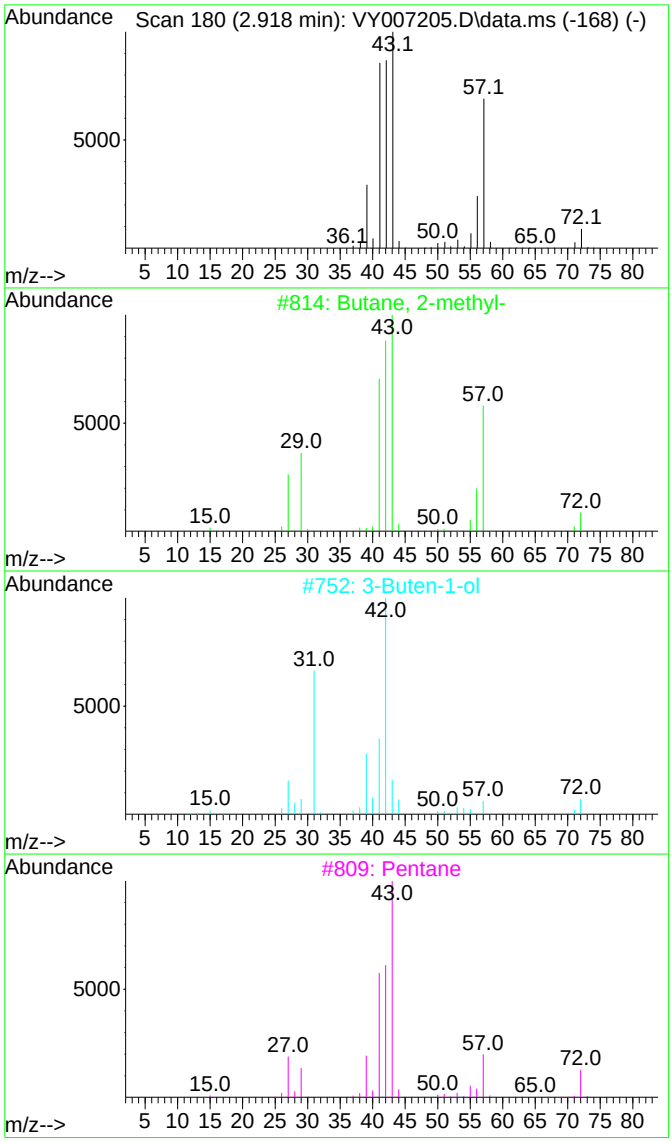
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

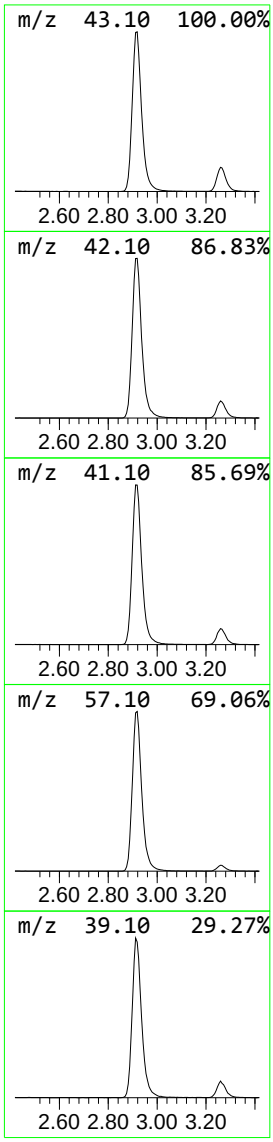
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.918	236.91 ug/l	4458280	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	37
4	Oxirane, trimethyl-	86	C5H10O	005076-19-7	36
5	1-Butene	56	C4H8	000106-98-9	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

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

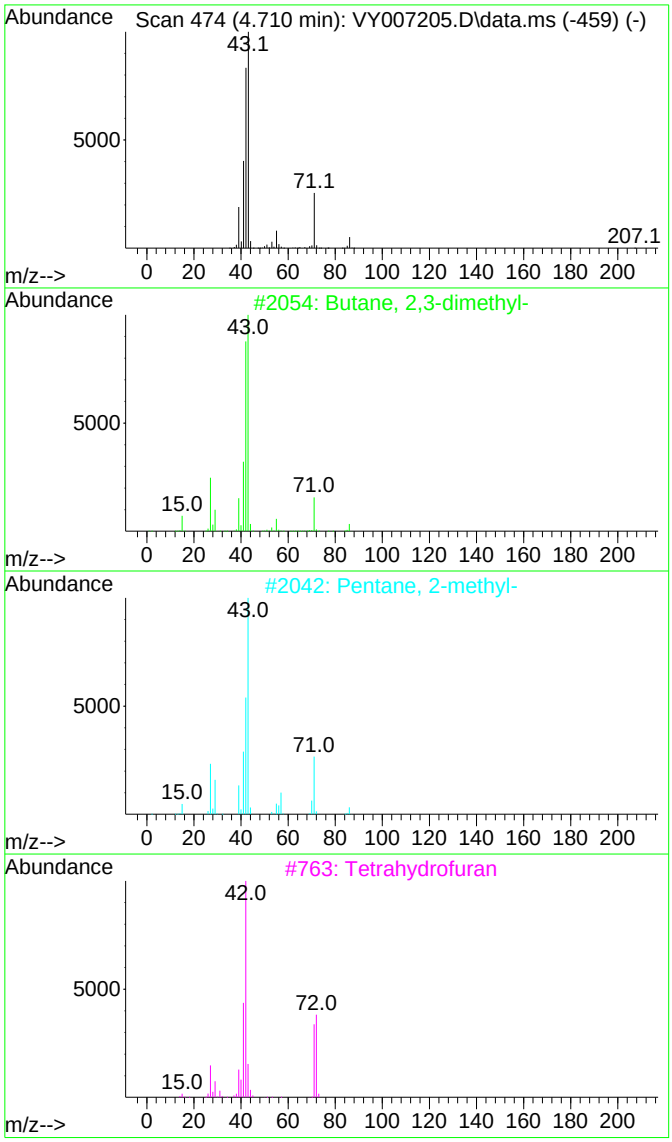
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

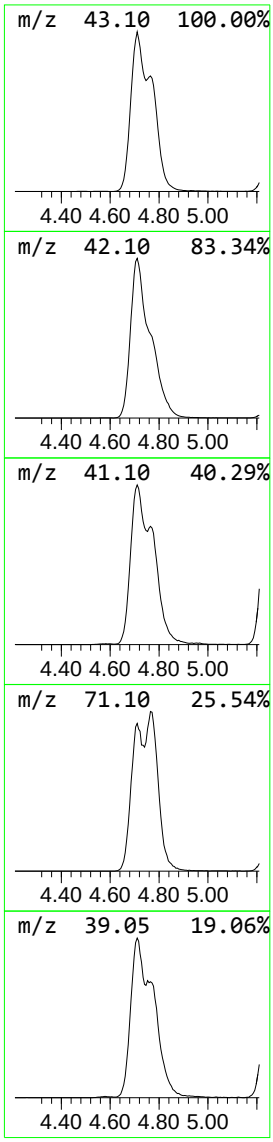
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.710	163.10 ug/l	3069320	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	50
3	Tetrahydrofuran	72	C4H8O	000109-99-9	38
4	Pentane	72	C5H12	000109-66-0	23
5	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

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

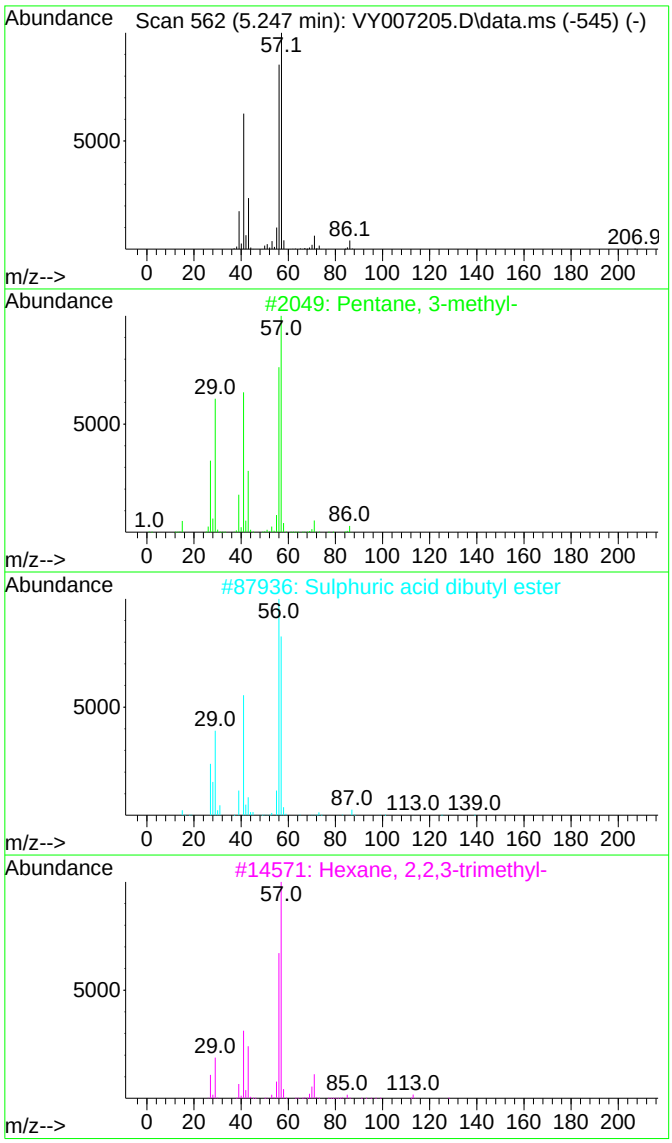
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

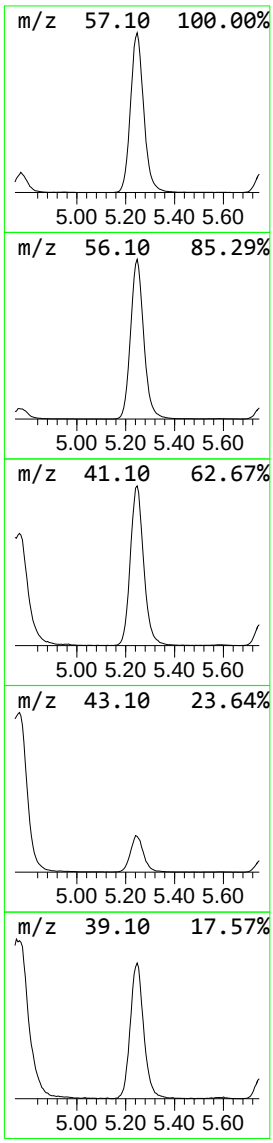
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.247	122.41 ug/l	2303590	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	56
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	43
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	40
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

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

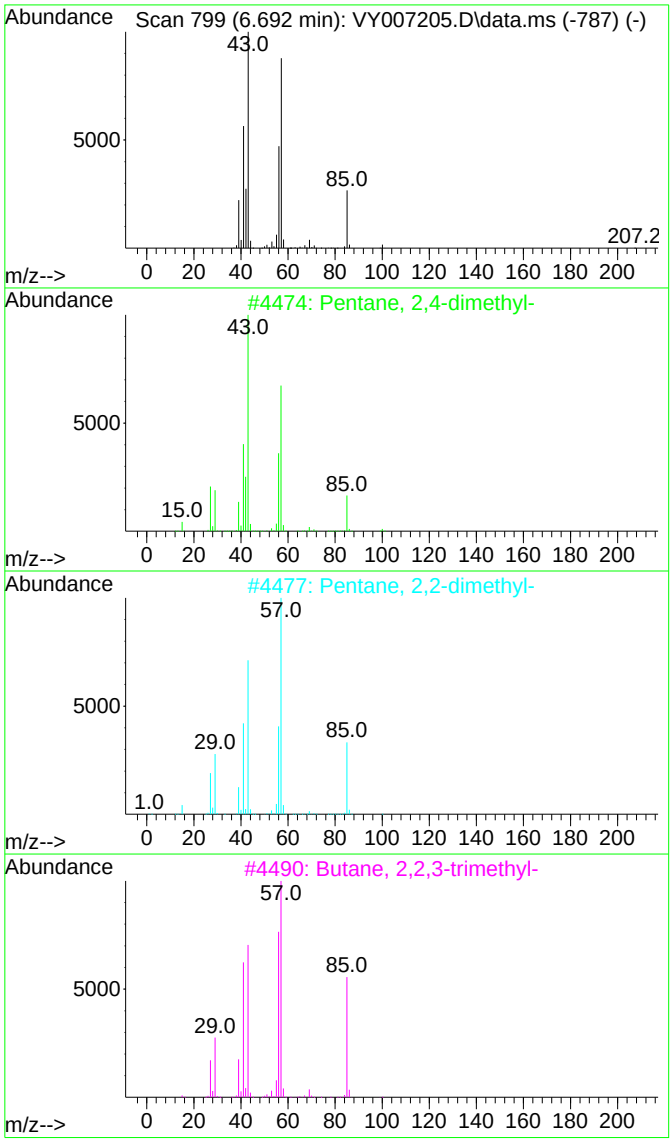
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

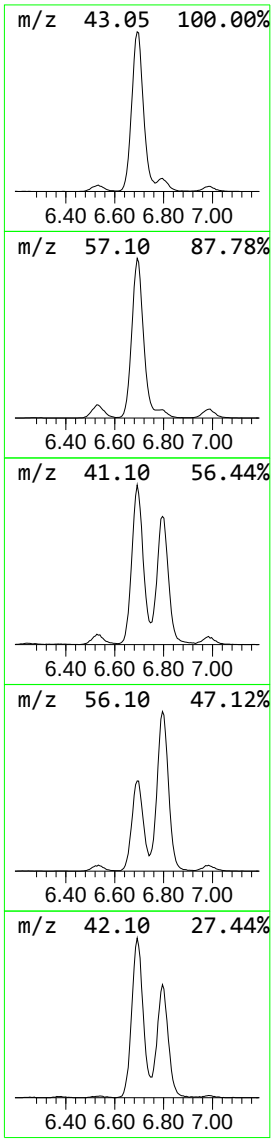
****

Peak Number 4 Pentane, 2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.692	84.48 ug/l	1589740	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
4	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59
5	n-Hexane	86	C6H14	000110-54-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

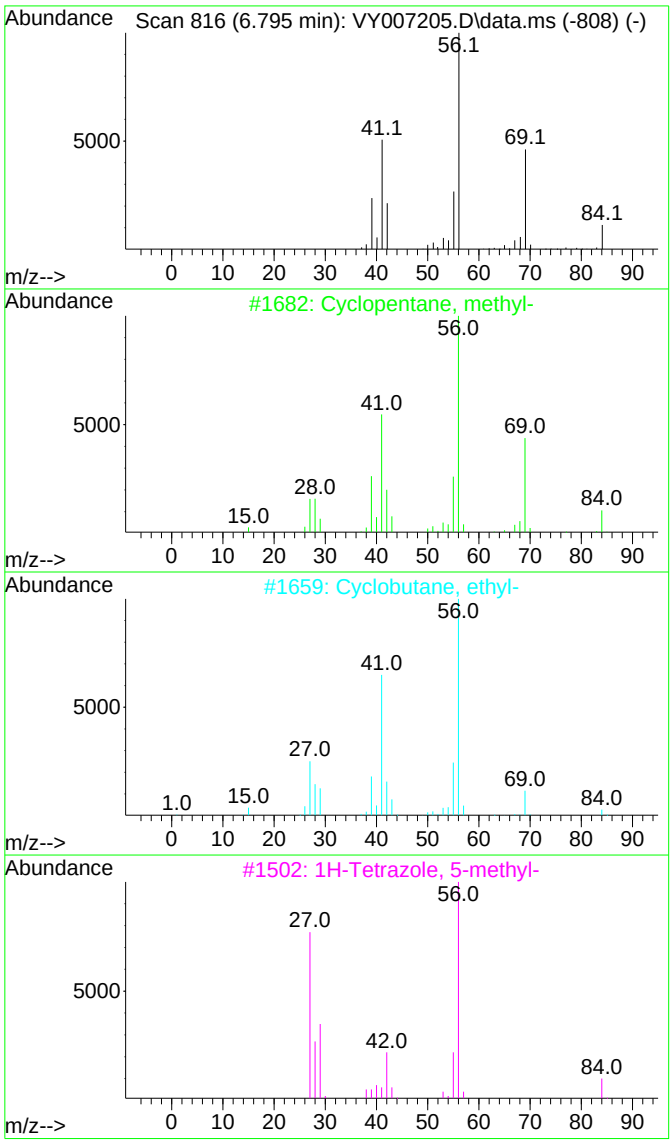
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

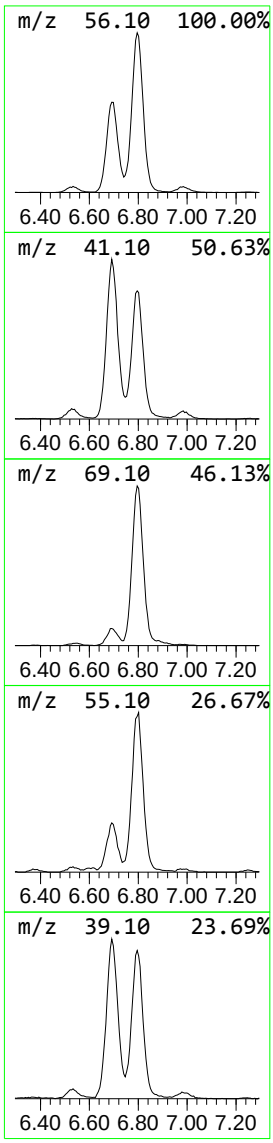
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.795	59.38 ug/l	1117530	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
5	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
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Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

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

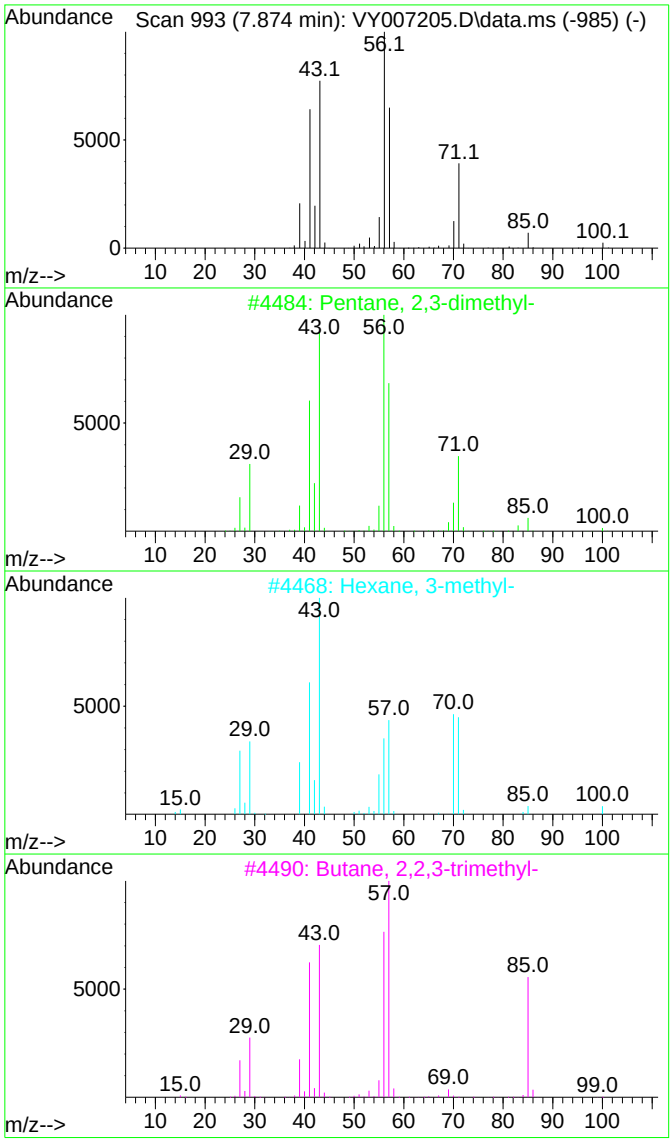
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

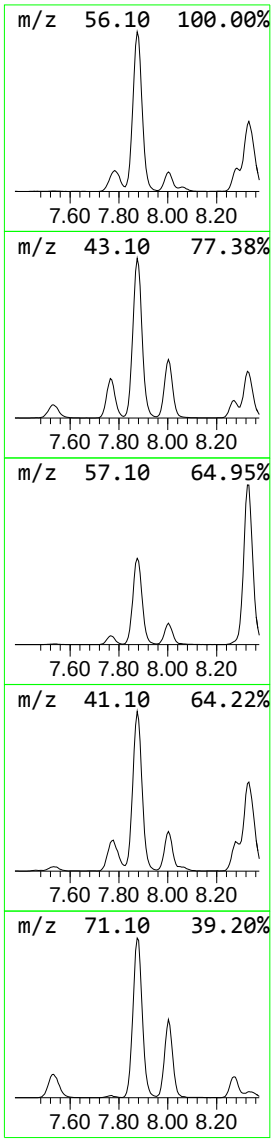
****

Peak Number 6 Pentane, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.874	142.99 ug/l	2690850	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	43
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	43
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	38
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

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

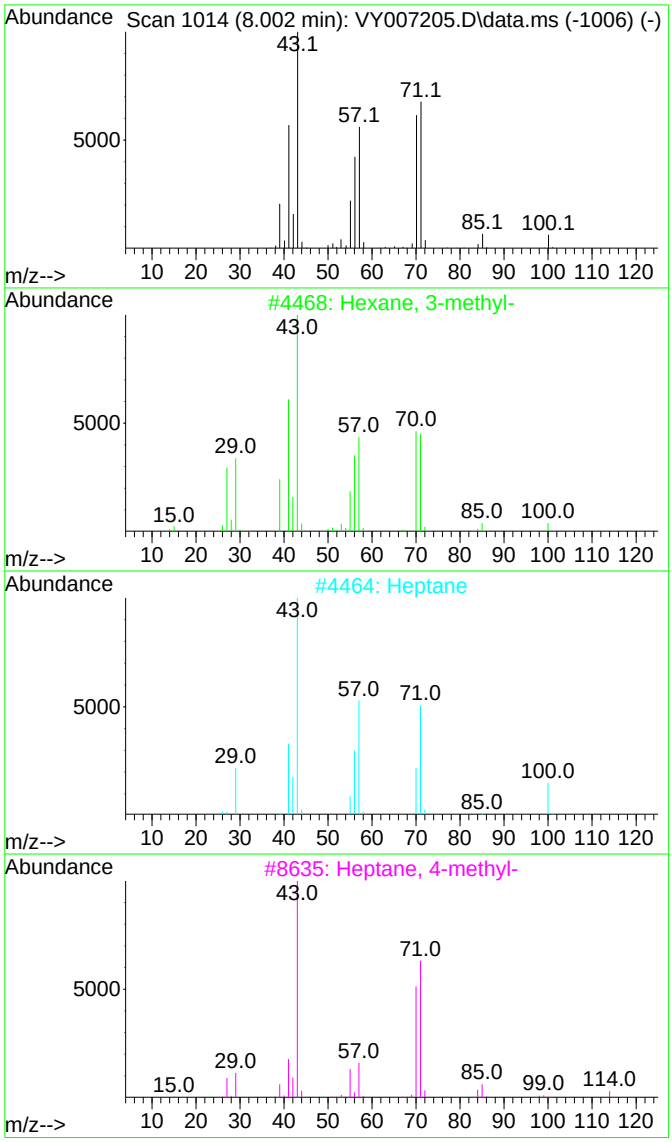
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

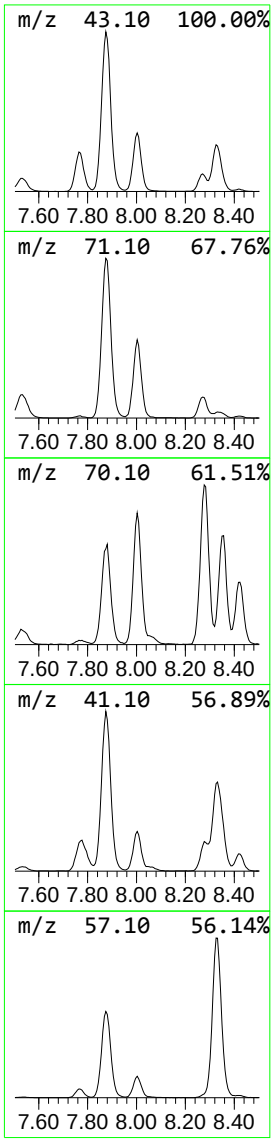
****

Peak Number 7 Hexane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.002	37.32 ug/l	702225	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Heptane	100	C7H16	000142-82-5	80
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
5	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

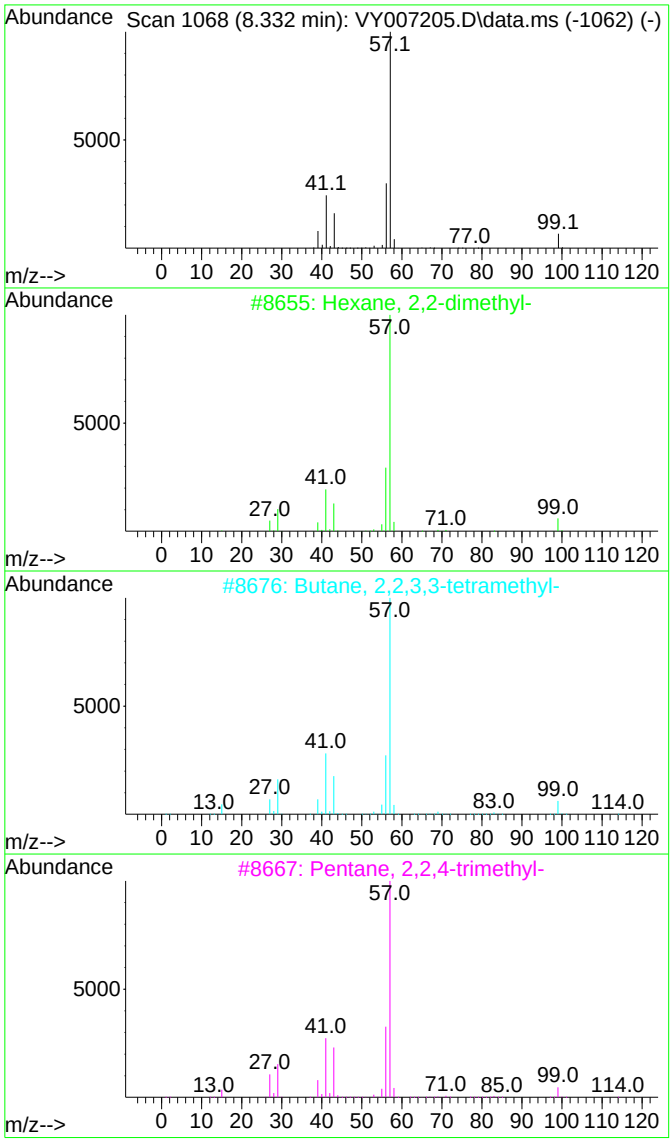
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

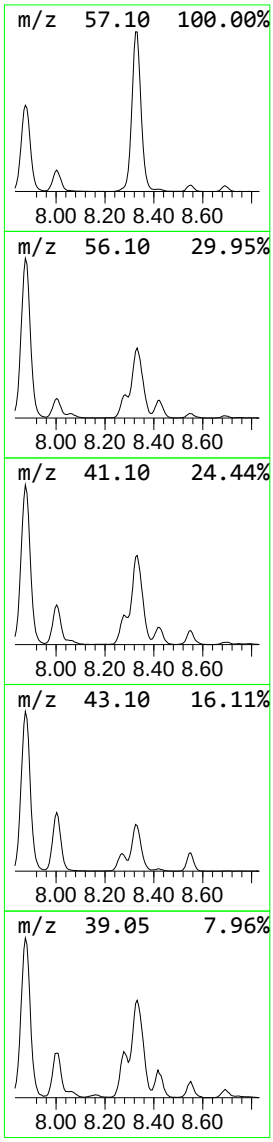
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexane, 2,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.332	182.10 ug/l	1950830	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	39
5	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

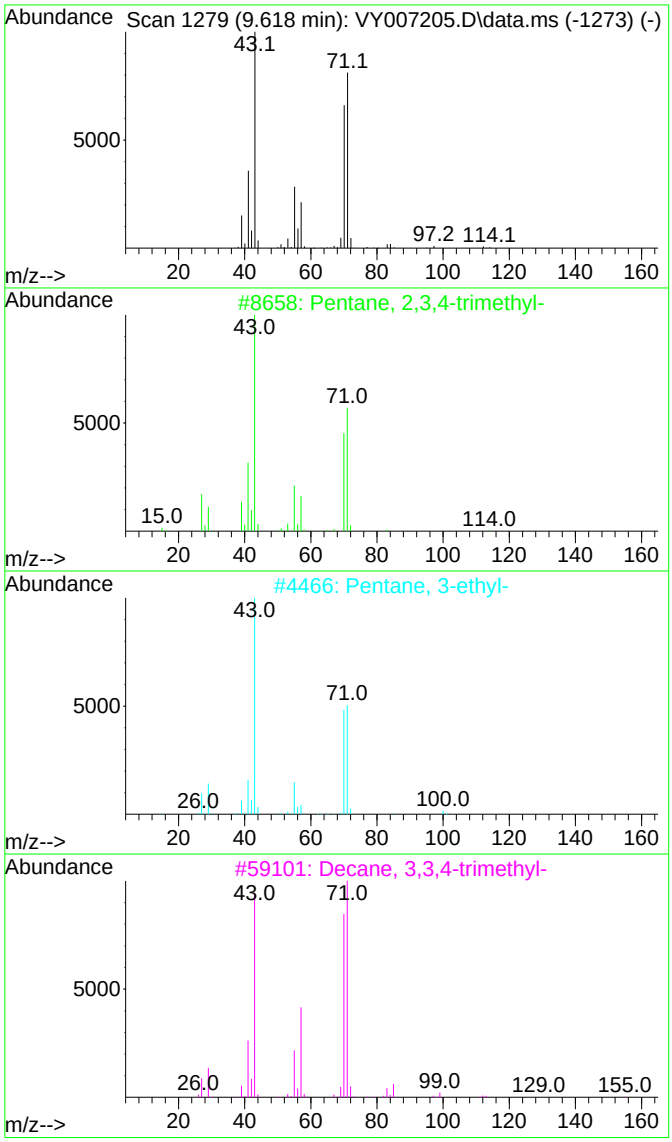
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

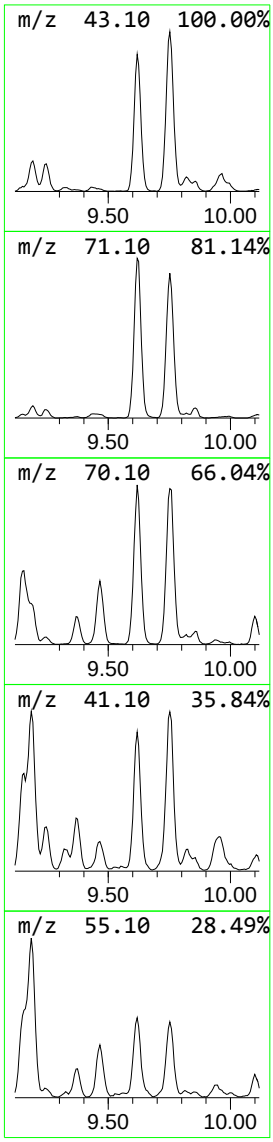
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentane, 2,3,4-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.618	54.64 ug/l	585384	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	90
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
5	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

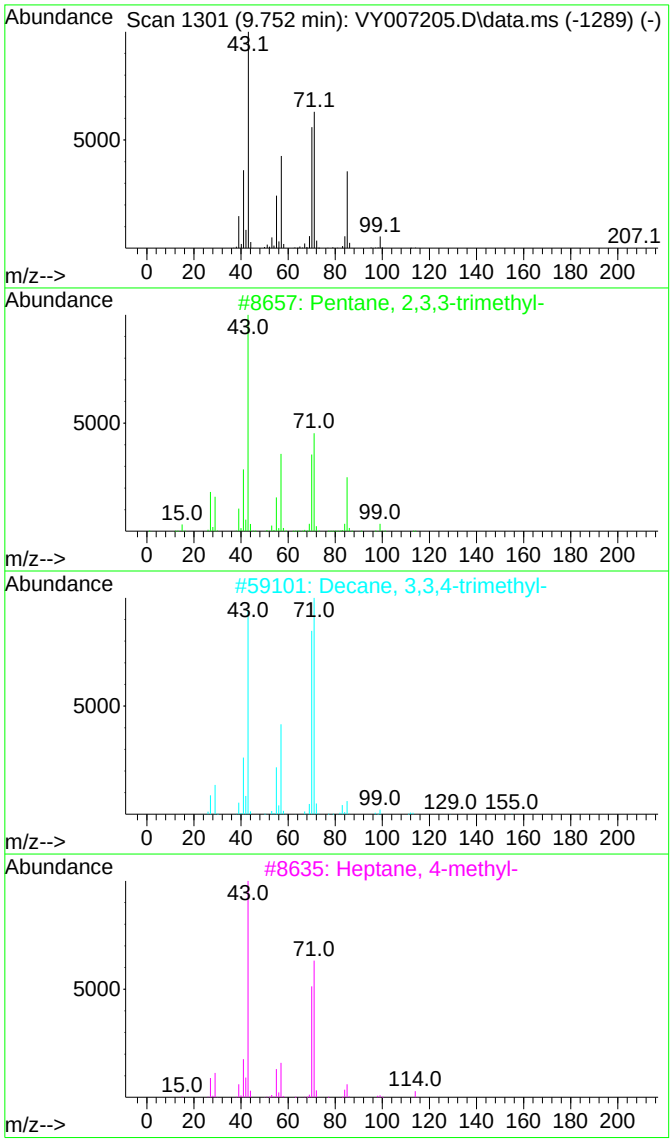
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

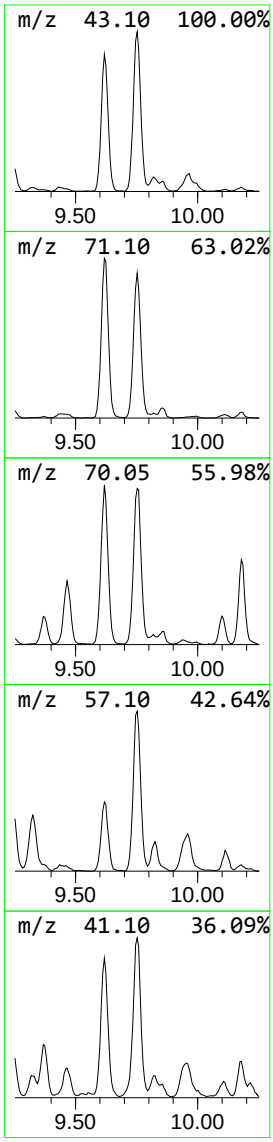
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pentane, 2,3,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	75.01 ug/l	803549	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

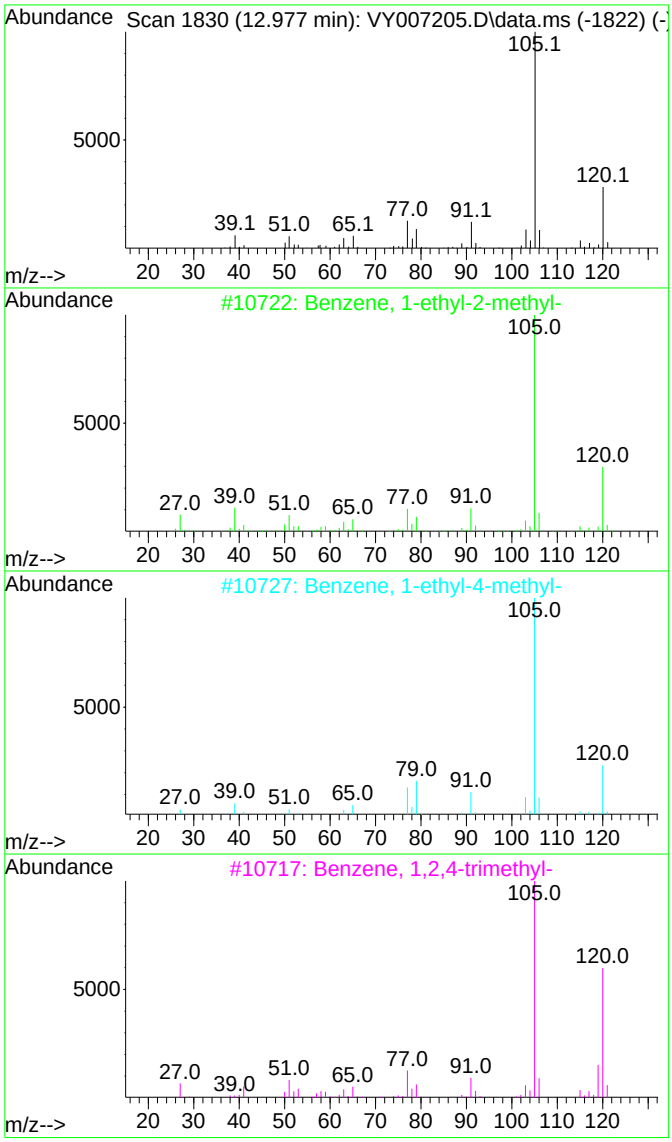
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

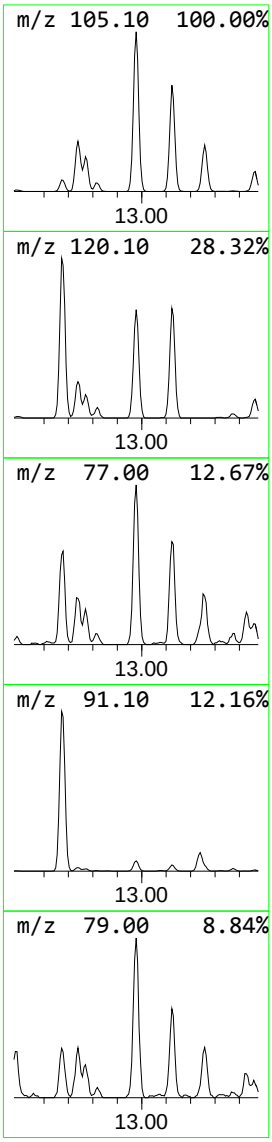
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	37.12 ug/l	326466	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-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

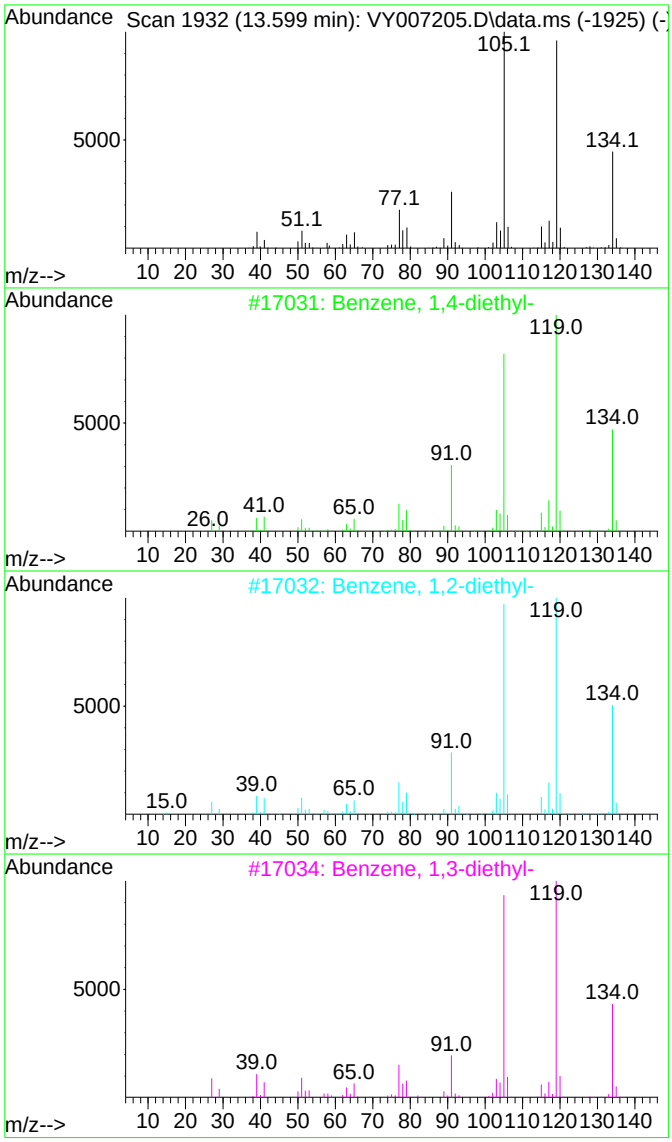
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

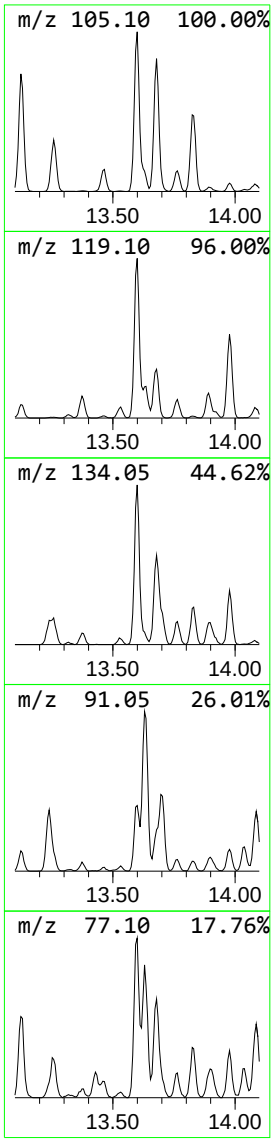
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,4-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.599	59.28 ug/l	521325	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

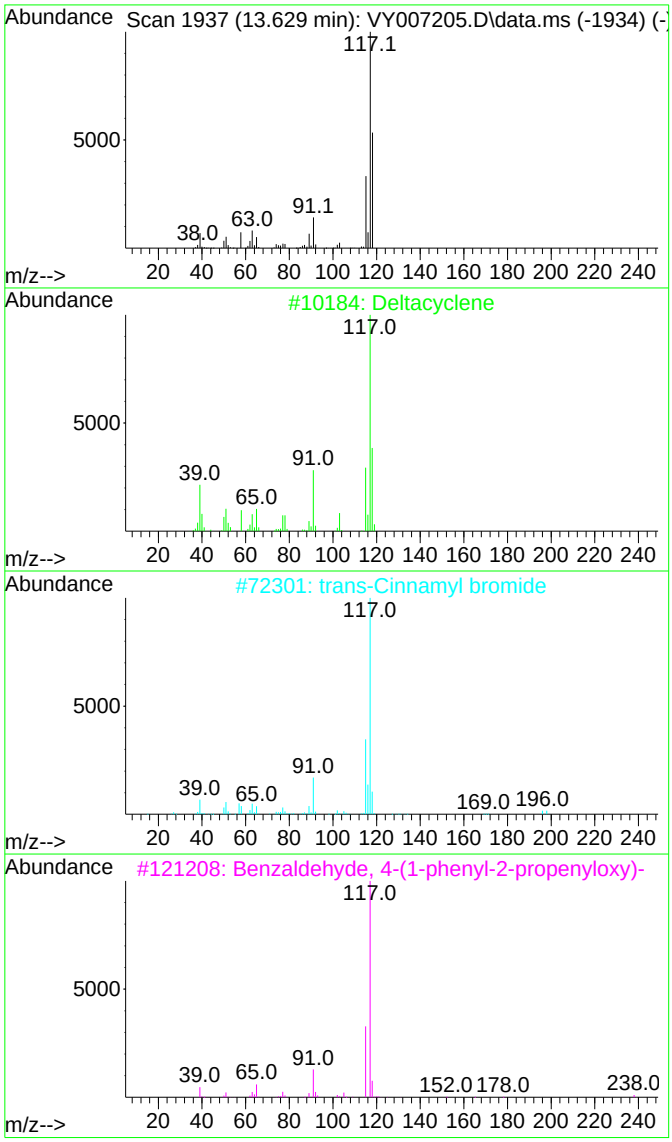
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

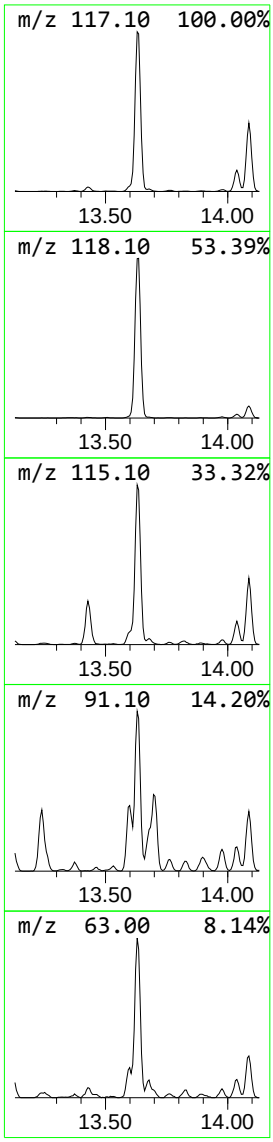
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 trans-Cinnamyl bromide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	154.41 ug/l	1357940	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	59
2	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53
3	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	53
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
5	Indole	117	C8H7N	000120-72-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

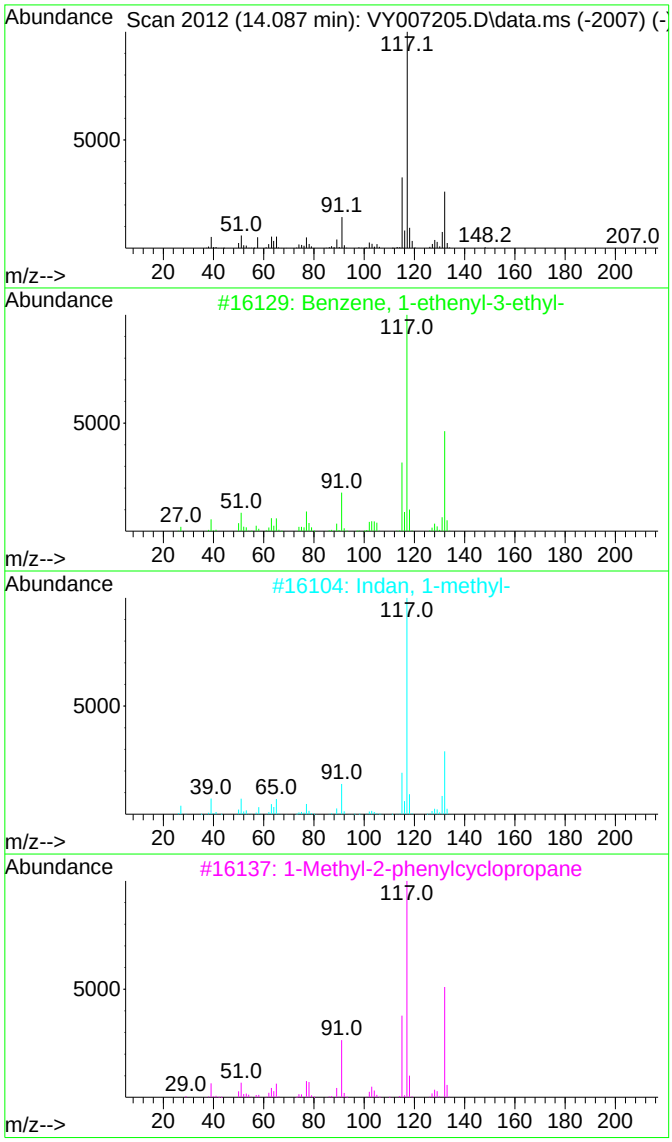
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

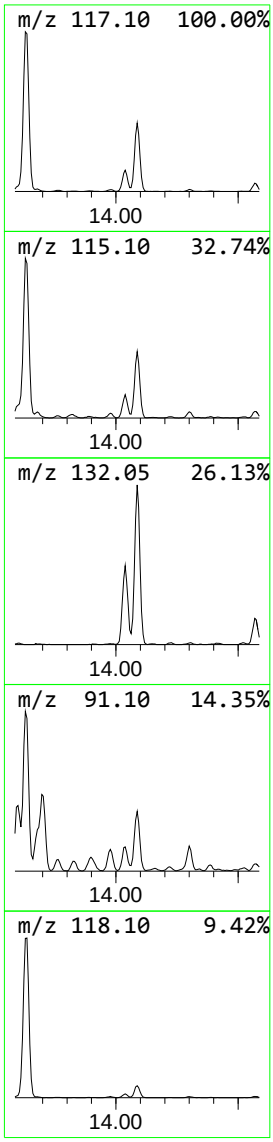
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.087	60.33 ug/l	530578	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

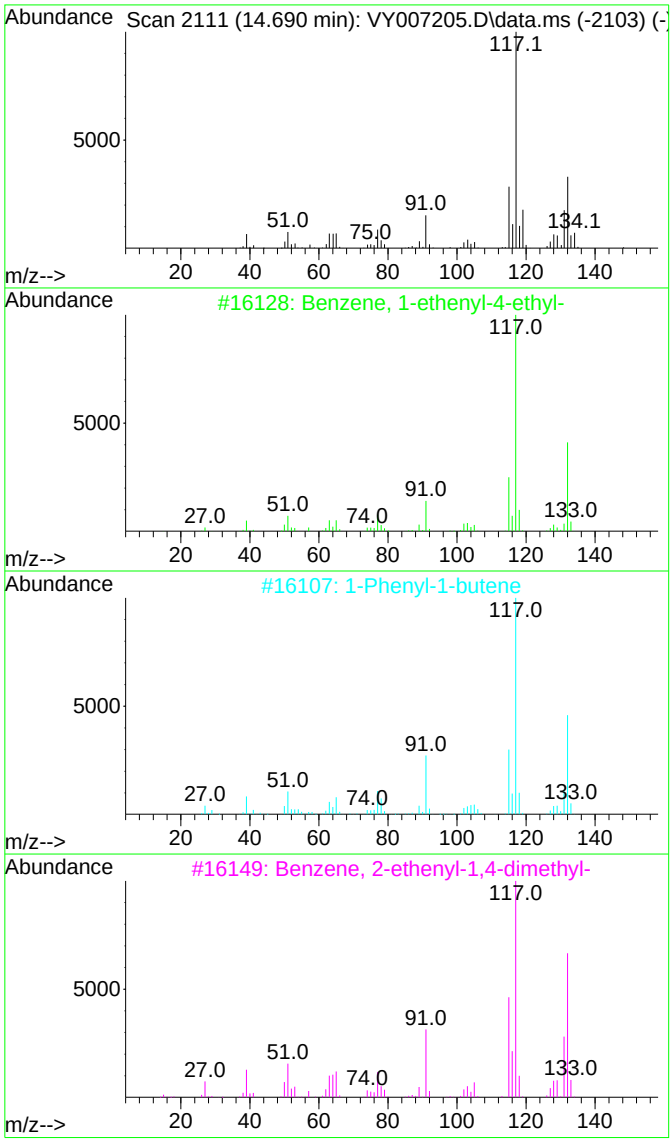
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

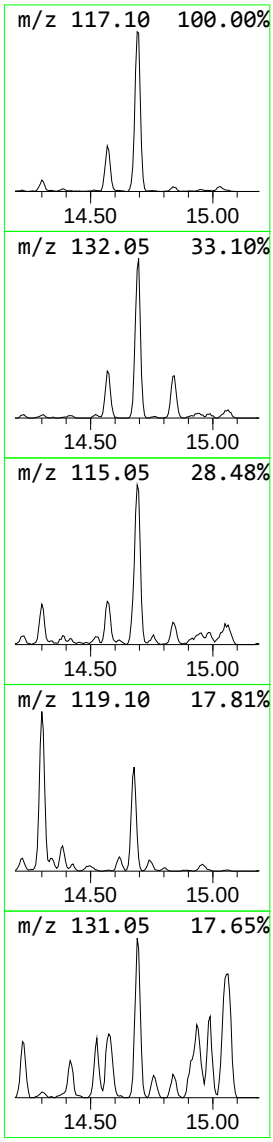
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	40.90 ug/l	359661	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	93
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007205.D
Acq On : 18 Jan 2022 12:48
Operator : SY/MD
Sample : N1145-09
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-9-7.0

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-methyl-	2.918	236.9	ug/l	4458280	1	7.795	940927	50.0
Butane, 2,3-dim...	4.710	163.1	ug/l	3069320	1	7.795	940927	50.0
Pentane, 3-methyl-	5.247	122.4	ug/l	2303590	1	7.795	940927	50.0
Pentane, 2,4-di...	6.692	84.5	ug/l	1589740	1	7.795	940927	50.0
Cyclopentane, m...	6.795	59.4	ug/l	1117530	1	7.795	940927	50.0
Pentane, 2,3-di...	7.874	143.0	ug/l	2690850	1	7.795	940927	50.0
Hexane, 3-methyl-	8.002	37.3	ug/l	702225	1	7.795	940927	50.0
Hexane, 2,2-dim...	8.332	182.1	ug/l	1950830	2	8.691	535638	50.0
Pentane, 2,3,4-...	9.618	54.6	ug/l	585384	2	8.691	535638	50.0
Pentane, 2,3,3-...	9.752	75.0	ug/l	803549	2	8.691	535638	50.0
Benzene, 1-ethy...	12.977	37.1	ug/l	326466	4	13.428	439730	50.0
Benzene, 1,4-di...	13.599	59.3	ug/l	521325	4	13.428	439730	50.0
trans-Cinnamyl ...	13.629	154.4	ug/l	1357940	4	13.428	439730	50.0
Benzene, 1-ethe...	14.087	60.3	ug/l	530578	4	13.428	439730	50.0
Benzene, 1-ethe...	14.690	40.9	ug/l	359661	4	13.428	439730	50.0