LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007188.D
Acq On : 17 Jan 2022 15:38
Operator : SY/MD
Sample : N1145-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-4-7.0

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: VY007188.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.083	36	43	54	rBV	20932	41835	2.41%	0.176%
2	2.217	60	65	67	rBV	20780	28309	1.63%	0.119%
3	2.259	67	72	81	rVB	69181	133212	7.69%	0.561%
4	2.906	168	178	202	rBV	671063	1732510	100.00%	7.302%
5	3.253	226	235	253	rVB	48676	118044	6.81%	0.498%
6	3.948	336	349	372	rBV2	45841	168000	9.70%	0.708%
7	4.704	460	473	478	rBV2	181377	644923	37.22%	2.718%
8	4.960	505	515	538	rVB2	30017	125301	7.23%	0.528%
9	5.241	544	561	586	rBV3	184626	703451	40.60%	2.965%
10	5.753	634	645	659	rBV2	32868	100426	5.80%	0.423%
11	6.118	694	705	716	rVB5	7722	25004	1.44%	0.105%
12	6.533	761	773	784	rBV4	9527	34017	1.96%	0.143%
13	6.692	786	799	807	rVV2	149966	492188	28.41%	2.074%
14	6.795	807	816	834	rVB	197861	632979	36.54%	2.668%
15	6.984	839	847	862	rVB6	9206	31892	1.84%	0.134%
16	7.533	927	937	947	rVB2	18431	55480	3.20%	0.234%
17	7.722	957	968	971	rBV	104273	240780	13.90%	1.015%
18	7.789	971	979	986	rVV5	242662	725947	41.90%	3.060%
19	7.874	986	993	1005	rVB	350018	905556	52.27%	3.817%
20	8.002	1005	1014	1021	rBV	119356	275792	15.92%	1.162%
21	8.149	1030	1038	1048	rBV2	145556	384637	22.20%	1.621%
22	8.283	1048	1060	1061	rVV5	91516	204519	11.80%	0.862%
23	8.325	1061	1067	1077	rVV	391578	1123781	64.86%	4.736%
24	8.417	1077	1082	1094	rVB2	47599	116947	6.75%	0.493%
25	8.551	1094	1104	1115	rVB	45534	96947	5.60%	0.409%
26	8.691	1118	1127	1139	rBV	266993	536516	30.97%	2.261%
27	9.185	1194	1208	1214	rBV3	177401	506329	29.23%	2.134%
28	9.246	1214	1218	1225	rVB	73389	136233	7.86%	0.574%
29	9.325	1225	1231	1234	rBV2	19062	38510	2.22%	0.162%
30	9.368	1234	1238	1245	rVB	35795	65851	3.80%	0.278%
31	9.465	1245	1254	1260	rBV2	32526	72609	4.19%	0.306%
32	9.618	1272	1279	1289	rVB	214063	441774	25.50%	1.862%
33	9.752	1289	1301	1308	rBV	255772	575682	33.23%	2.426%
34	9.819	1308	1312	1315	rBV2	25861	41406	2.39%	0.175%
35	9.959	1324	1335	1347	rBV5	65882	206848	11.94%	0.872%
36	10.112	1353	1360	1365	rBV3	47434	89514	5.17%	0.377%

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Instrument :
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ClientSampleId :
A3-4-7.0

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Title : SW846 8260

37	10.179	1365	1371	1385	rVV	447833	812167	46.88%	3.423%
38	10.301	1385	1391	1395	rVV3	24423	44543	2.57%	0.188%
39	10.374	1395	1403	1410	rVB5	50507	134427	7.76%	0.567%
40	10.459	1412	1417	1422	rBV3	11194	21422	1.24%	0.090%
41	10.520	1422	1427	1433	rVV	21652	35314	2.04%	0.149%
42	10.618	1436	1443	1450	rVV4	36266	78581	4.54%	0.331%
43	10.709	1453	1458	1464	rVB3	12994	25504	1.47%	0.107%
44	10.807	1464	1474	1477	rBV4	9671	20273	1.17%	0.085%
45	10.880	1477	1486	1497	rVV4	22232	82016	4.73%	0.346%
46	11.002	1503	1506	1509	rVV2	18184	31010	1.79%	0.131%
47	11.038	1509	1512	1518	rVV3	14691	32505	1.88%	0.137%
48	11.087	1518	1520	1526	rVV4	9519	19710	1.14%	0.083%
49	11.282	1543	1552	1562	rVV4	27126	75612	4.36%	0.319%
50	11.380	1562	1568	1578	rVV2	27232	61673	3.56%	0.260%
51	11.489	1579	1586	1595	rVV	404627	683932	39.48%	2.883%
52	11.593	1595	1603	1612	rVV	173060	309860	17.89%	1.306%
53	11.709	1612	1622	1631	rVV2	82165	191370	11.05%	0.807%
54	12.032	1663	1675	1683	rBV4	27533	80295	4.63%	0.338%
55	12.331	1719	1724	1729	rBV	68634	105938	6.11%	0.446%
56	12.489	1742	1750	1759	rVB3	475498	873455	50.42%	3.681%
57	12.672	1773	1780	1786	rVB	162385	247279	14.27%	1.042%
58	12.739	1786	1791	1793	rBV	45902	75783	4.37%	0.319%
59	12.770	1793	1796	1800	rVV	104105	155943	9.00%	0.657%
60	12.812	1800	1803	1809	rVV	98319	145044	8.37%	0.611%
61	12.977	1821	1830	1837	rBV	293683	486692	28.09%	2.051%
62	13.044	1837	1841	1844	rVV4	11546	17769	1.03%	0.075%
63	13.123	1848	1854	1860	rVB	414665	621758	35.89%	2.620%
64	13.251	1866	1875	1881	rBV3	64819	168584	9.73%	0.711%
65	13.318	1881	1886	1890	rVV2	27153	43857	2.53%	0.185%
66	13.367	1890	1894	1898	rVV2	14245	21278	1.23%	0.090%
67	13.428	1898	1904	1908	rVV	384864	659284	38.05%	2.779%
68	13.459	1908	1909	1916	rVV	128528	130138	7.51%	0.548%
69	13.593	1925	1931	1934	rVV	276233	458330	26.45%	1.932%
70	13.629	1934	1937	1941	rVV	677740	997724	57.59%	4.205%
71	13.672	1941	1944	1953	rVB3	180698	366459	21.15%	1.544%
72	13.757	1953	1958	1963	rBV	54488	83260	4.81%	0.351%
73	13.824	1963	1969	1974	rVB	85615	127508	7.36%	0.537%
74	13.898	1974	1981	1988	rBV3	158418	369154	21.31%	1.556%
75	13.977	1988	1994	1999	rVB	233914	354883	20.48%	1.496%
76	14.032	1999	2003	2007	rBV	74808	117237	6.77%	0.494%

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Title : SW846 8260

77	14.087	2007	2012	2017	rVB	239719	384420	22.19%	1.620%
78	14.160	2017	2024	2028	rVB5	32099	53668	3.10%	0.226%
79	14.215	2028	2033	2038	rVB2	40686	62171	3.59%	0.262%
80	14.300	2038	2047	2050	rBV	155251	255928	14.77%	1.079%
81	14.336	2050	2053	2057	rVV	93003	130579	7.54%	0.550%
82	14.385	2057	2061	2064	rVV	46878	67354	3.89%	0.284%
83	14.422	2064	2067	2071	rVB3	14414	18738	1.08%	0.079%
84	14.525	2080	2084	2087	rVV2	14492	17468	1.01%	0.074%
85	14.568	2087	2091	2096	rVV	106815	164002	9.47%	0.691%
86	14.617	2096	2099	2103	rVB	30973	43564	2.51%	0.184%
87	14.690	2103	2111	2116	rBV2	187780	385368	22.24%	1.624%
88	14.745	2116	2120	2126	rVB2	23662	42214	2.44%	0.178%
89	14.836	2131	2135	2140	rVB	32443	43792	2.53%	0.185%
90	14.952	2143	2154	2157	rBV2	51689	111897	6.46%	0.472%
91	15.056	2164	2171	2178	rVB4	47603	109891	6.34%	0.463%
92	15.239	2190	2201	2207	rBV	147135	252344	14.57%	1.064%
93	15.348	2213	2219	2224	rBV4	21138	37241	2.15%	0.157%
94	15.531	2242	2249	2257	rBV2	14909	30926	1.79%	0.130%
95	15.696	2266	2276	2279	rBV5	10190	27188	1.57%	0.115%
96	15.818	2291	2296	2303	rVB	18233	32297	1.86%	0.136%
97	15.897	2303	2309	2315	rBV3	9328	17960	1.04%	0.076%
98	16.293	2368	2374	2390	rVB	65890	136287	7.87%	0.574%
99	16.495	2400	2407	2416	rBV	37489	80130	4.63%	0.338%

Sum of corrected areas: 23726747

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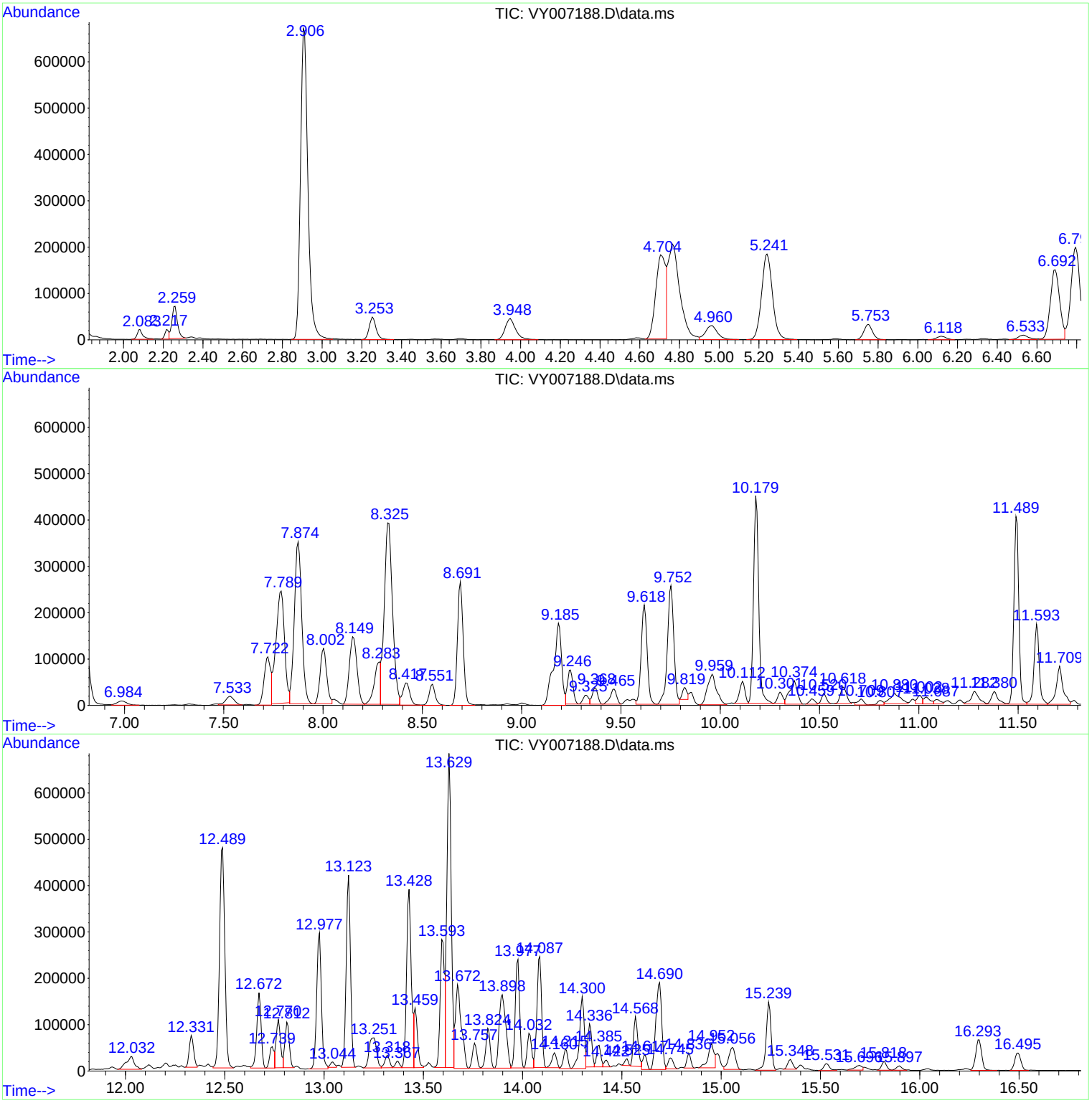
Instrument :
MSVOA_Y
ClientSampleId :
A3-4-7.0

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\VY011722\
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ClientSampleId :
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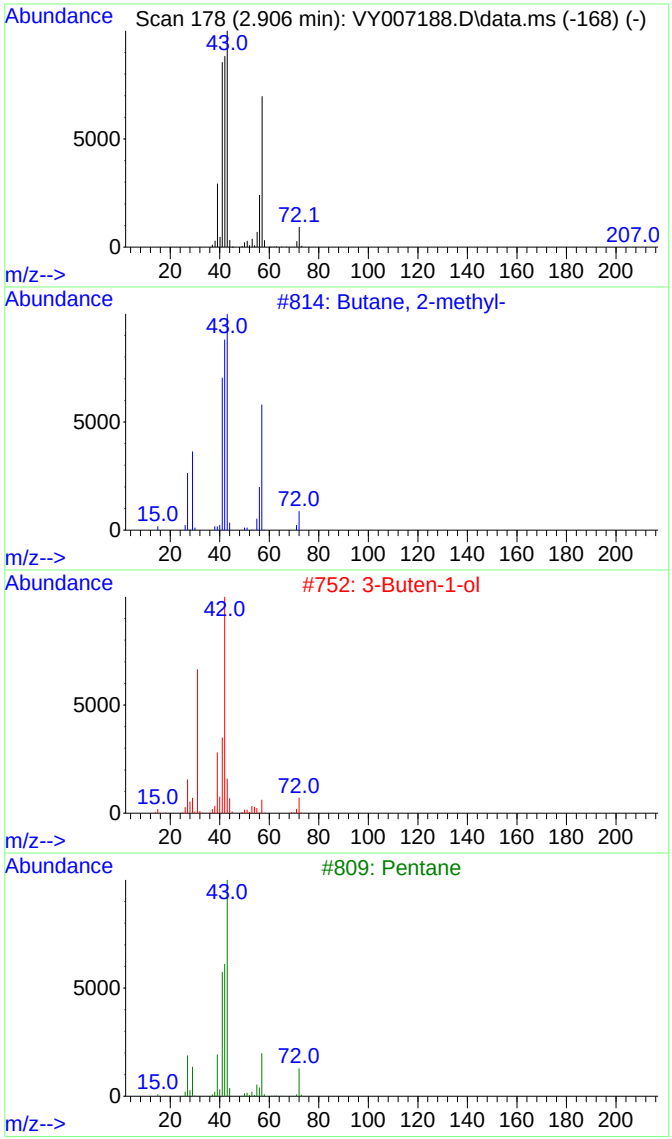
Quant Title : SW846 8260

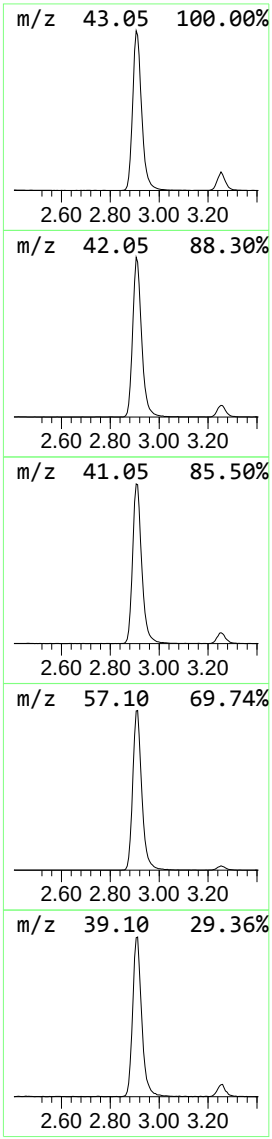
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.906	119.33 ug/l	1732510	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	43
4	Methane, isocyanato-	57	C2H3NO	000624-83-9	9
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9





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Data File : VY007188.D
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Operator : SY/MD
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Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-4-7.0

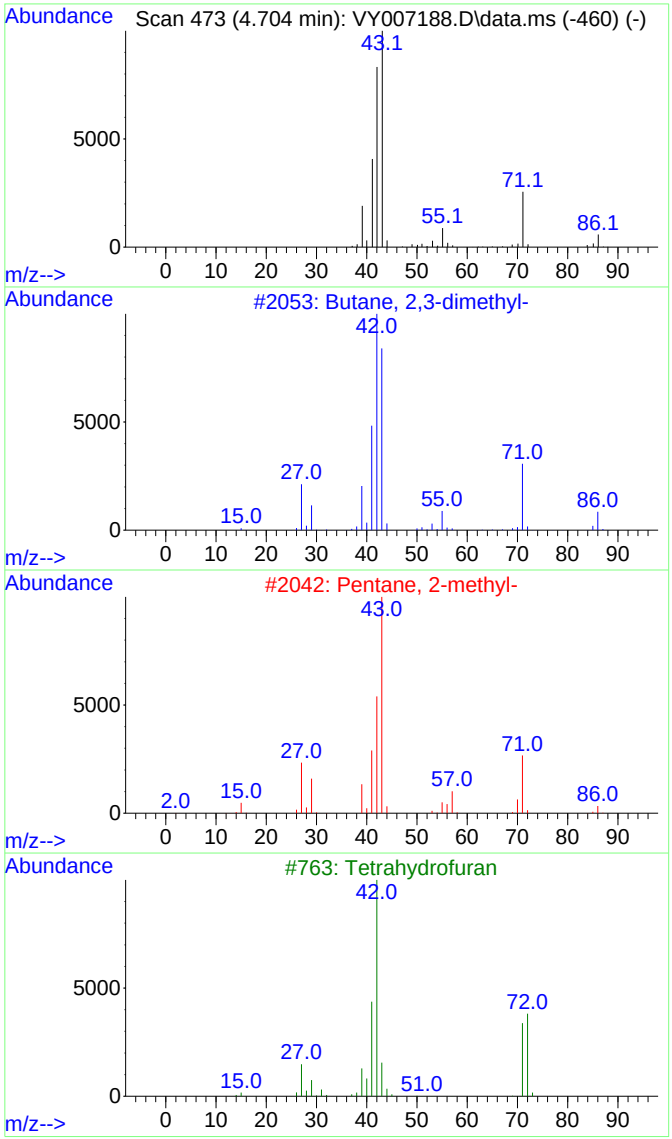
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

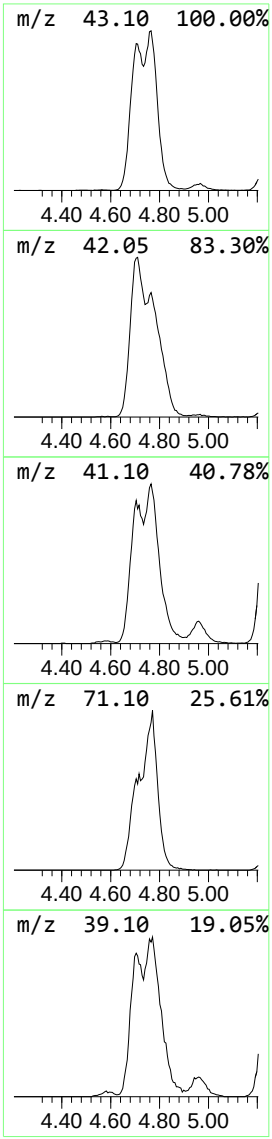
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.704	44.42 ug/l	644923	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	40
3	Tetrahydrofuran	72	C4H8O	000109-99-9	38
4	C2H5C(CH3)2COCH3	114	C7H14O	020669-04-9	10
5	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	9





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
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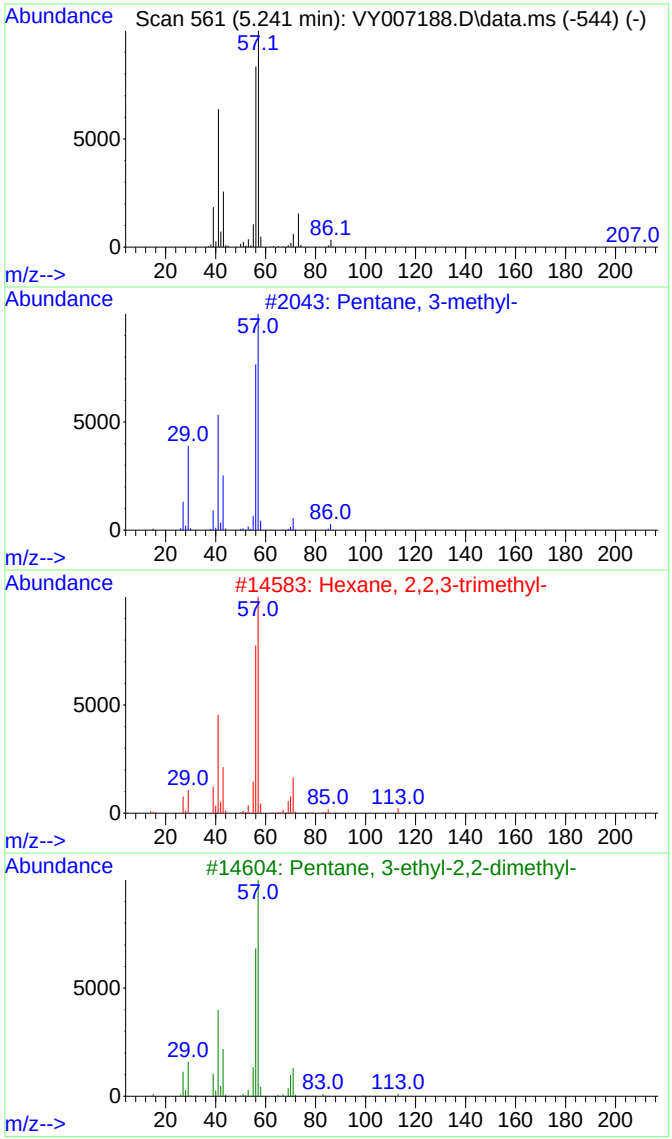
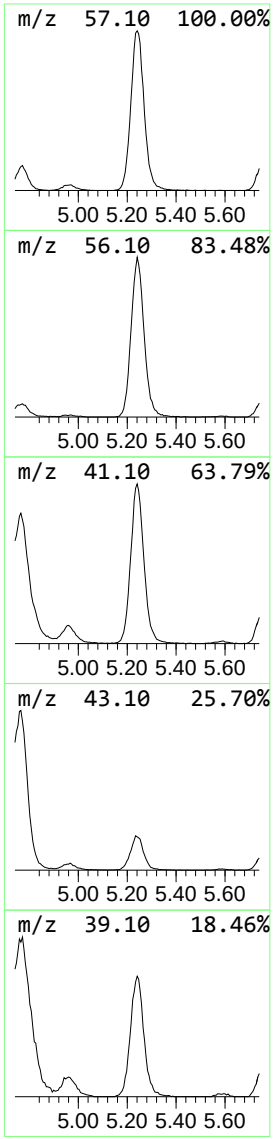
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.241	48.45 ug/l	703451	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
4	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	40
5	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40





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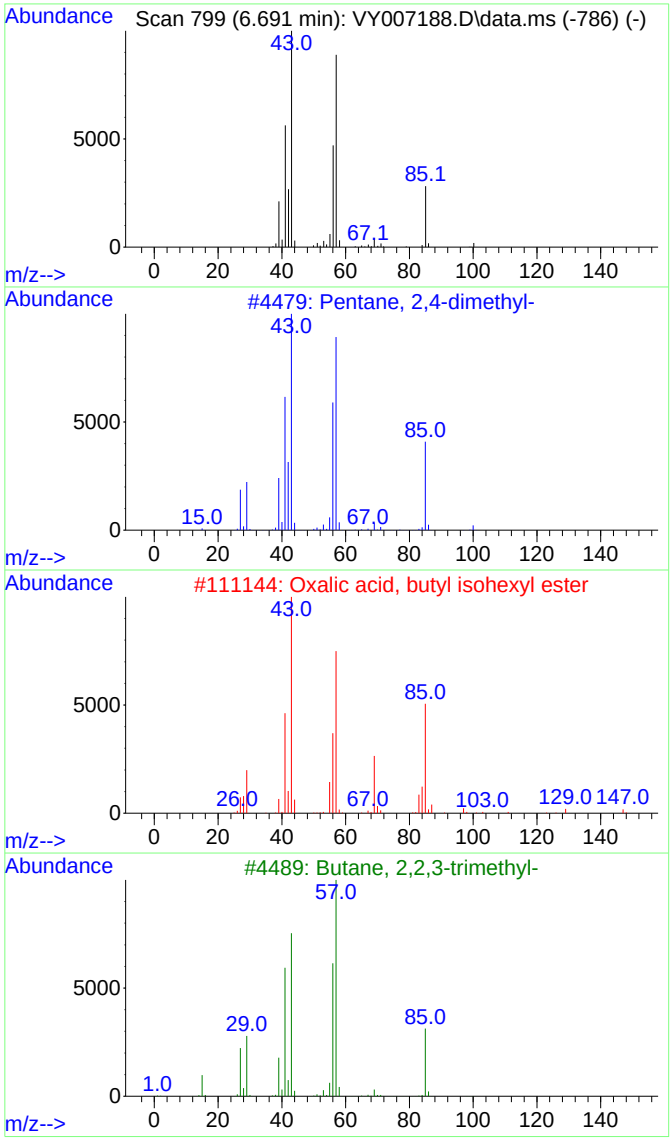
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

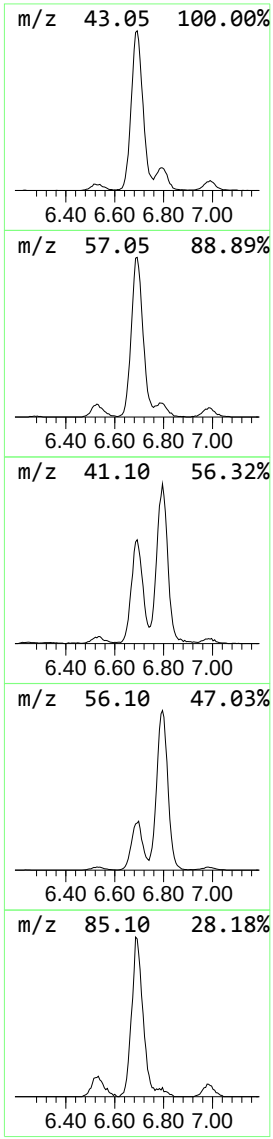
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane, 2,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.691	33.90 ug/l	492188	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	94
2	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
5	n-Hexane	86	C6H14	000110-54-3	42





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Acq On : 17 Jan 2022 15:38
Operator : SY/MD
Sample : N1145-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-4-7.0

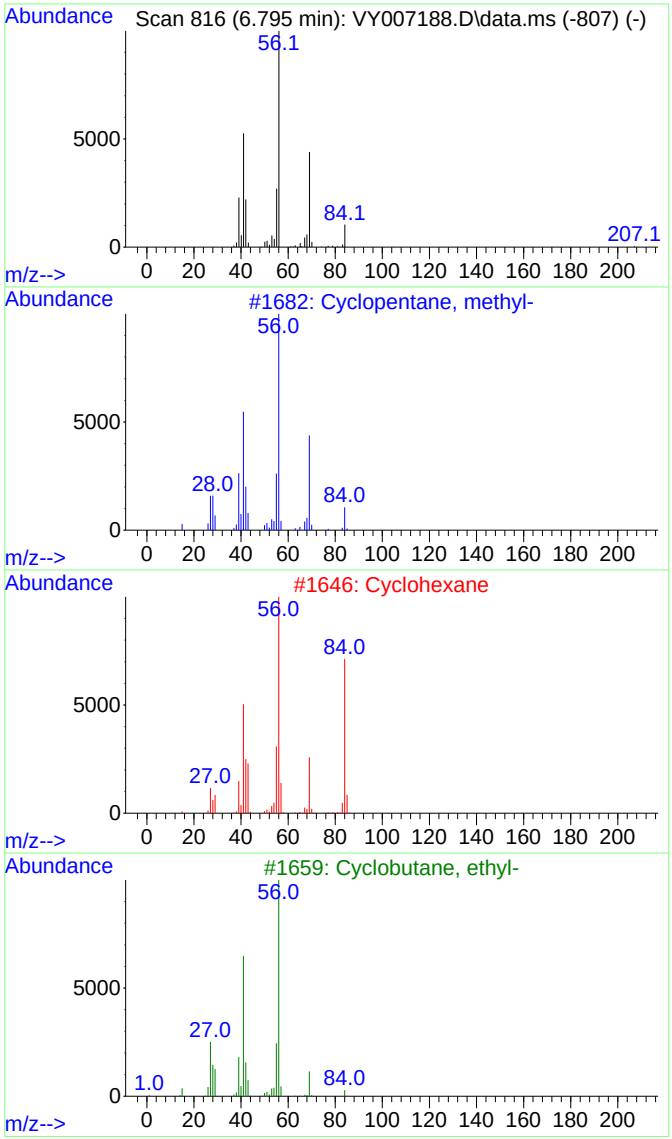
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

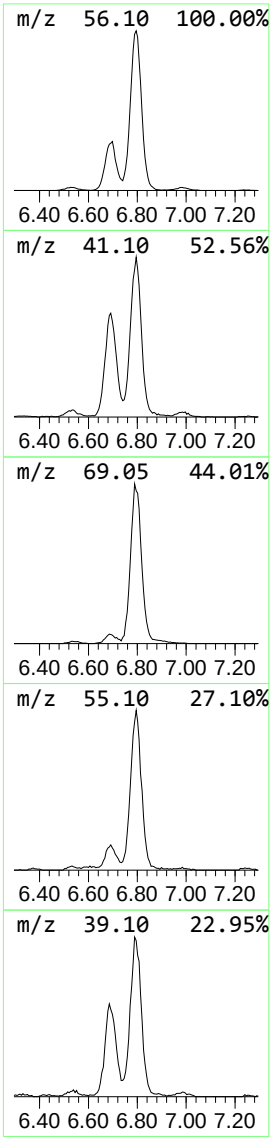
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.795	43.60 ug/l	632979	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	83
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	Cyclopropane, propyl-	84	C6H12	002415-72-7	72
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	56





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Data File : VY007188.D
Acq On : 17 Jan 2022 15:38
Operator : SY/MD
Sample : N1145-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-4-7.0

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

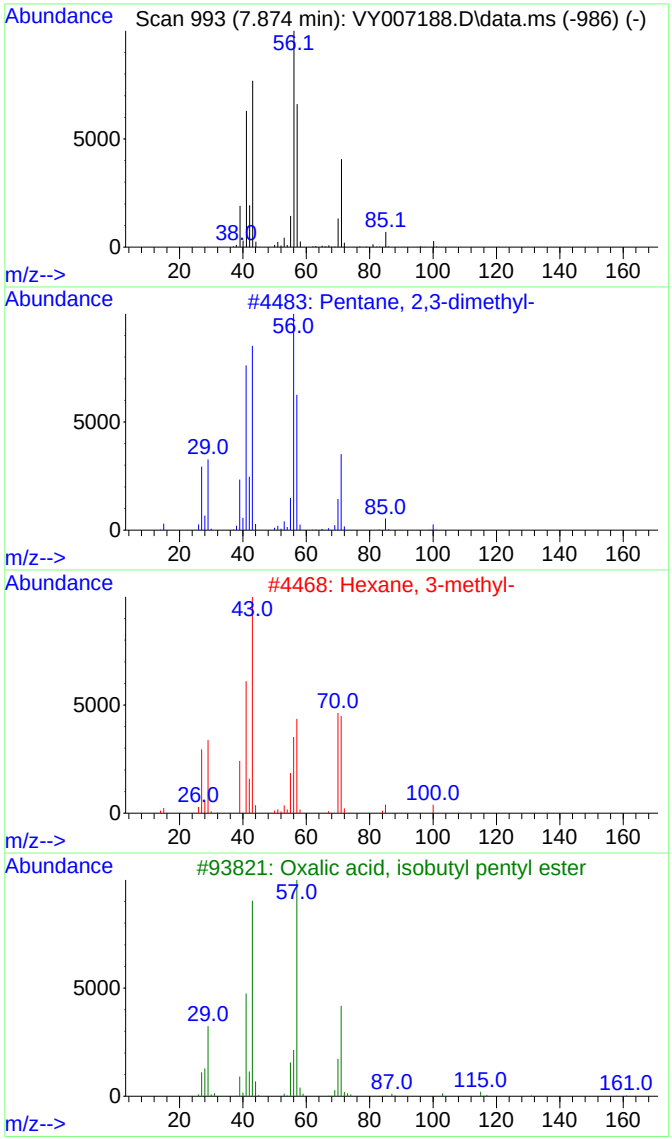
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

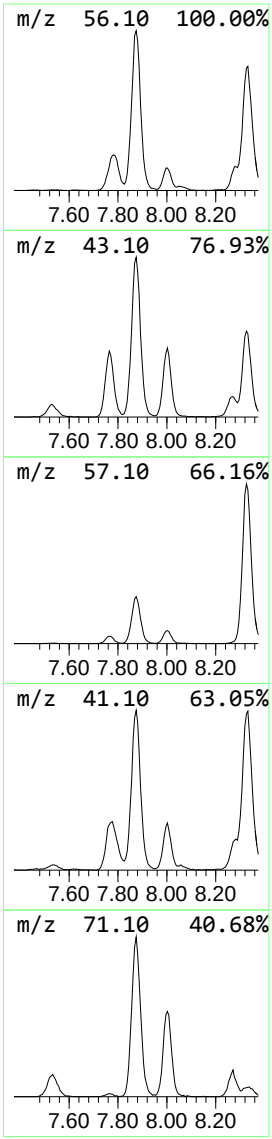
****

Peak Number 6 Pentane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.874	62.37 ug/l	905556	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	43
3	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	38
4	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	37
5	Heptane	100	C7H16	000142-82-5	37





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Data File : VY007188.D
Acq On : 17 Jan 2022 15:38
Operator : SY/MD
Sample : N1145-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-4-7.0

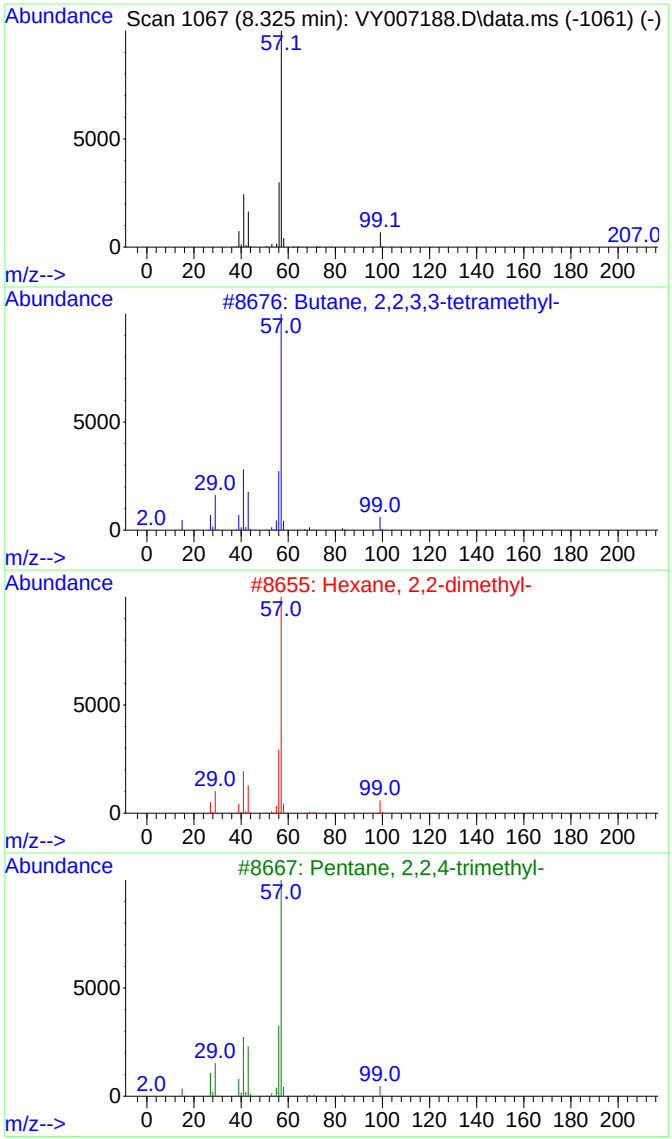
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

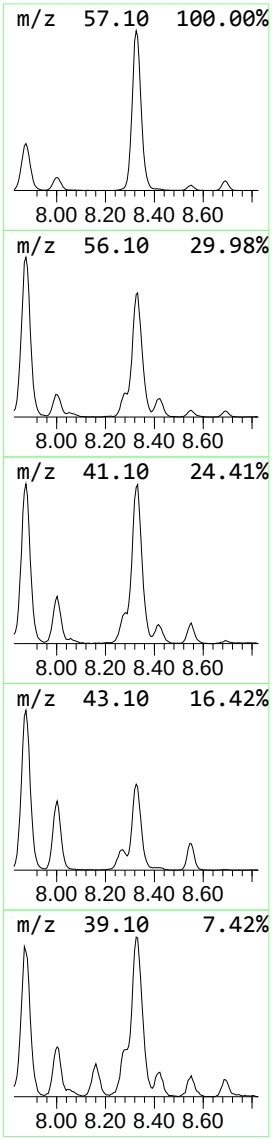
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Butane, 2,2,3,3-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.325	104.73 ug/l	1123780	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	83
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	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





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Data File : VY007188.D
Acq On : 17 Jan 2022 15:38
Operator : SY/MD
Sample : N1145-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-4-7.0

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

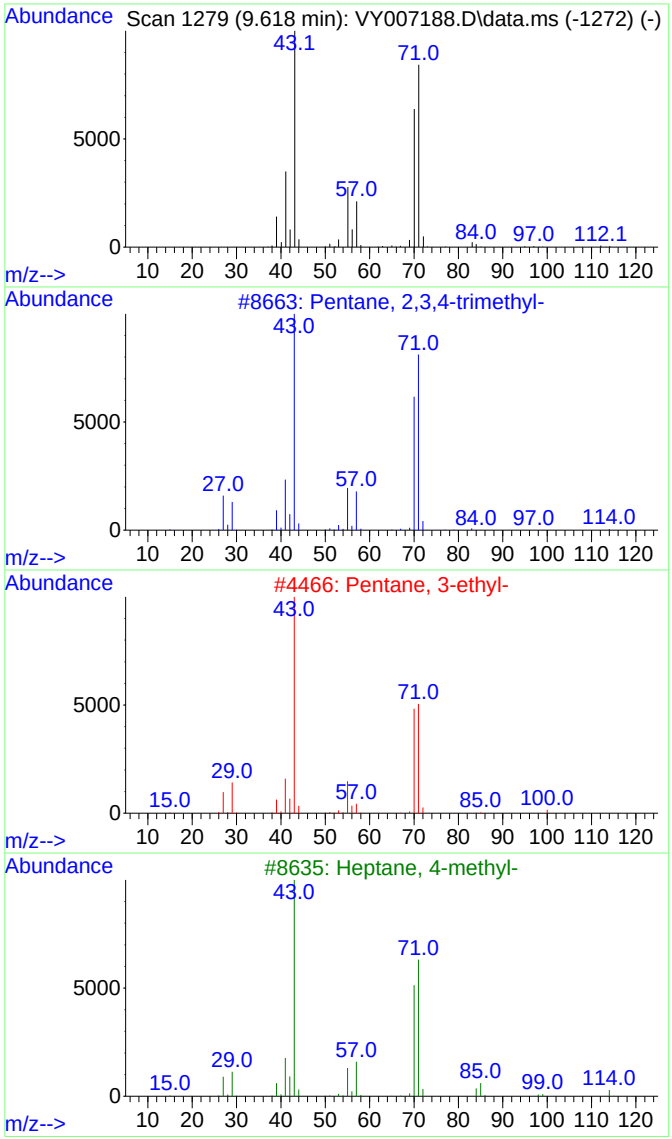
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

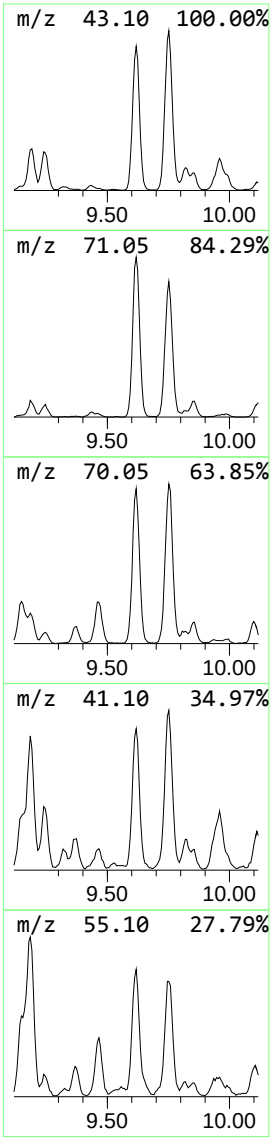
****

Peak Number 8 Pentane, 2,3,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.618	41.17 ug/l	441774	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	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74
5	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007188.D
Acq On : 17 Jan 2022 15:38
Operator : SY/MD
Sample : N1145-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-4-7.0

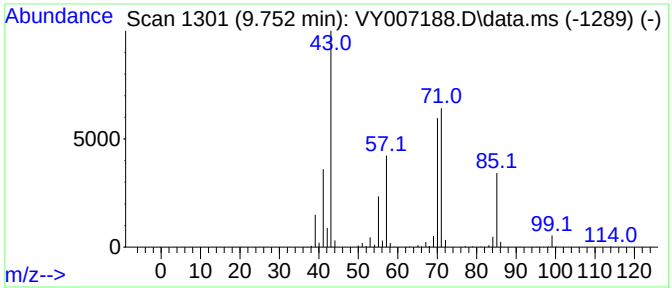
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

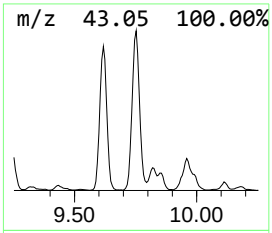
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

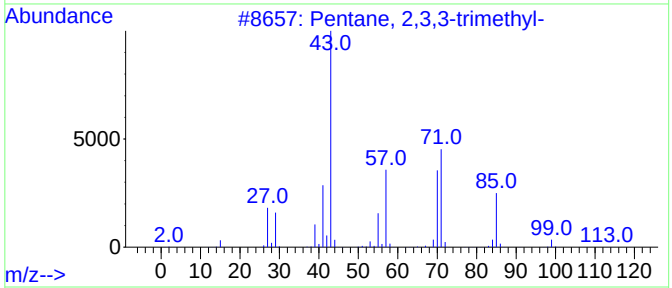
****
Peak Number 9 Pentane, 2,3,3-trimethyl- Concentration Rank 5

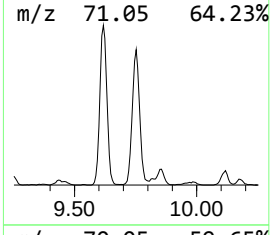
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	53.65 ug/l	575682	1,4-Difluorobenzene	8.691

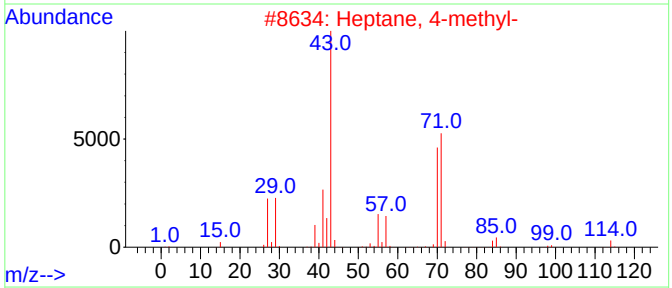
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	80
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
4	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	59
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	59

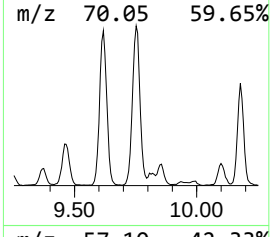


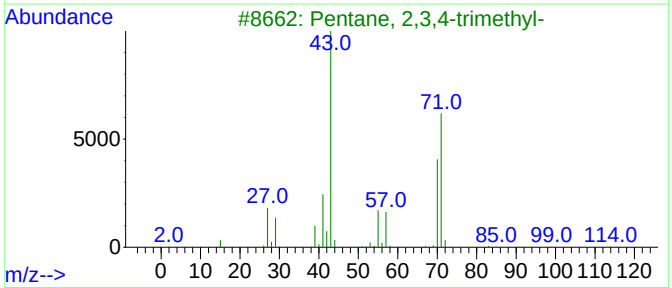


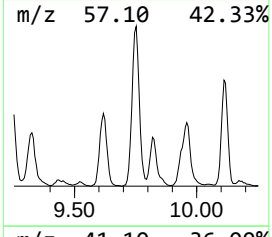


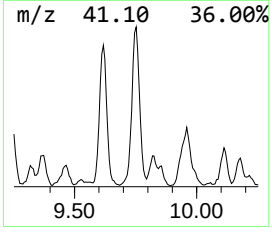












Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007188.D
Acq On : 17 Jan 2022 15:38
Operator : SY/MD
Sample : N1145-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-4-7.0

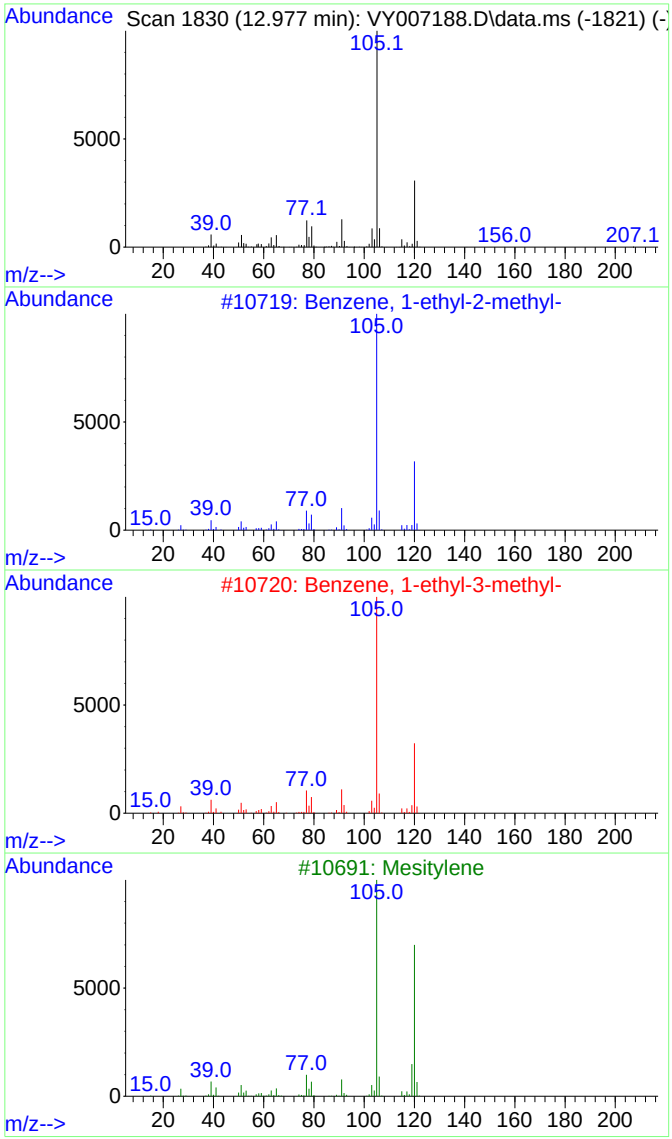
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

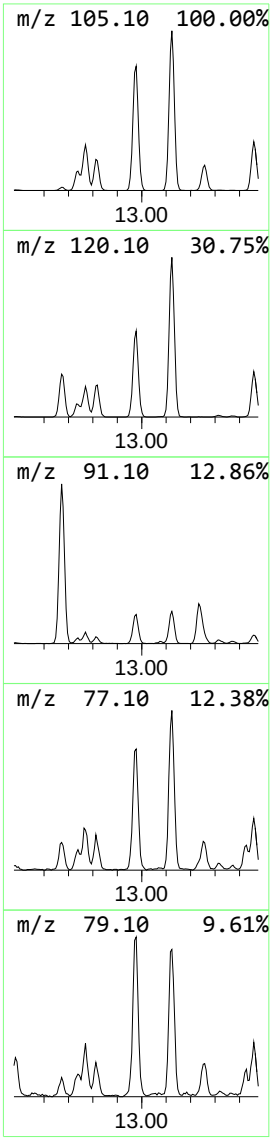
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	36.91 ug/l	486692	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-3-methyl-	120	C9H12	000620-14-4	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007188.D
Acq On : 17 Jan 2022 15:38
Operator : SY/MD
Sample : N1145-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-4-7.0

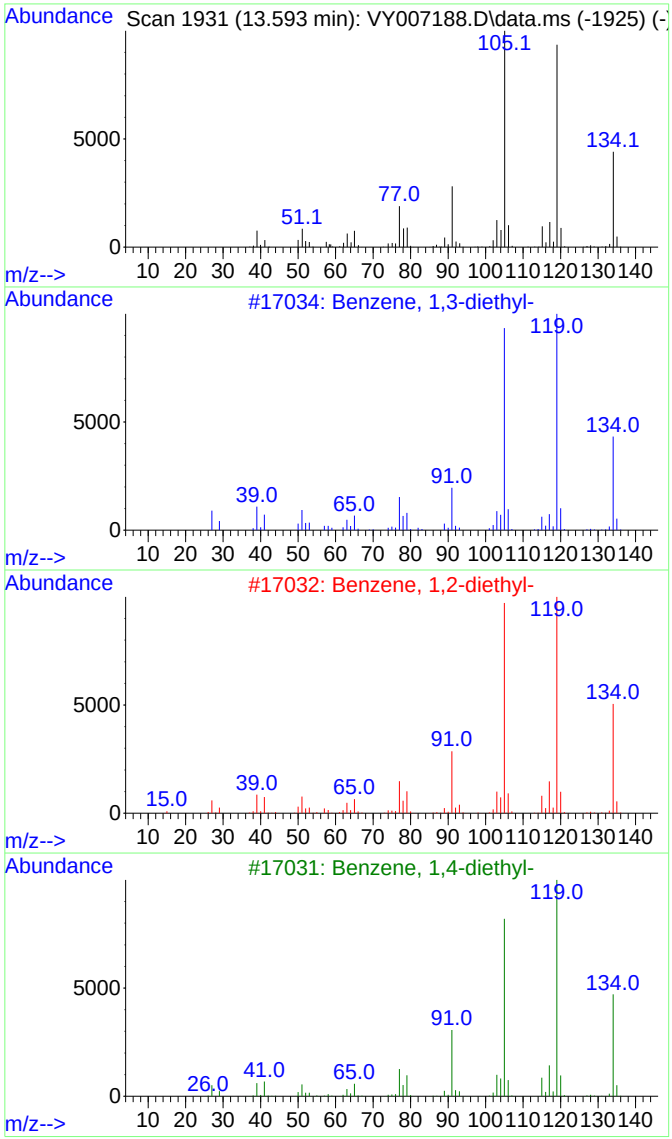
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

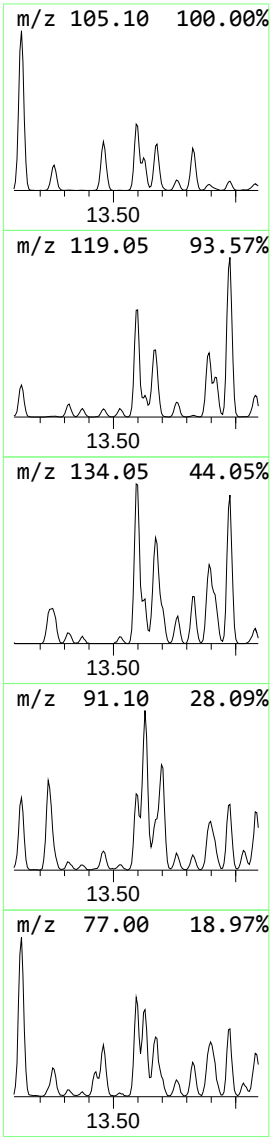
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.593	34.76 ug/l	458330	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007188.D
Acq On : 17 Jan 2022 15:38
Operator : SY/MD
Sample : N1145-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-4-7.0

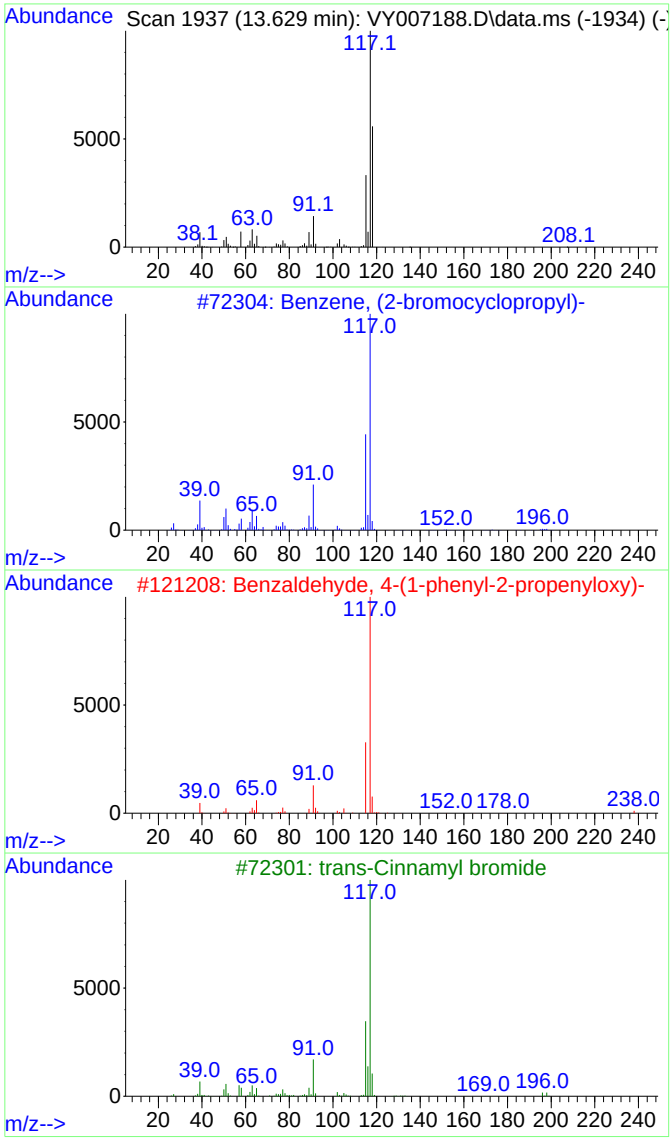
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

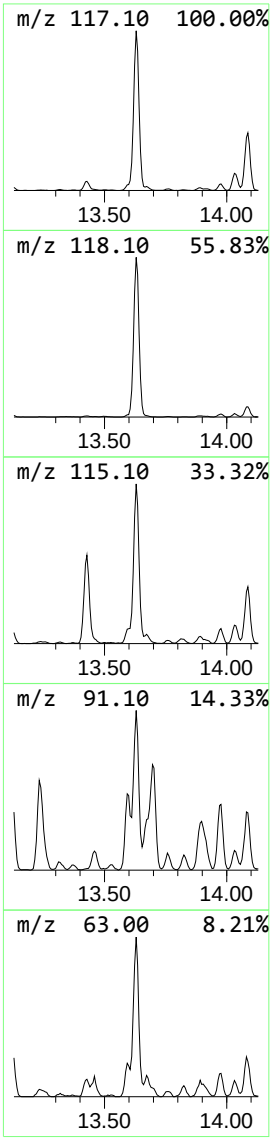
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (2-bromocyclopropyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	75.67 ug/l	997724	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64
2	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	42
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	42
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	40
5	Deltacyclene	118	C9H10	007785-10-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007188.D
Acq On : 17 Jan 2022 15:38
Operator : SY/MD
Sample : N1145-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-4-7.0

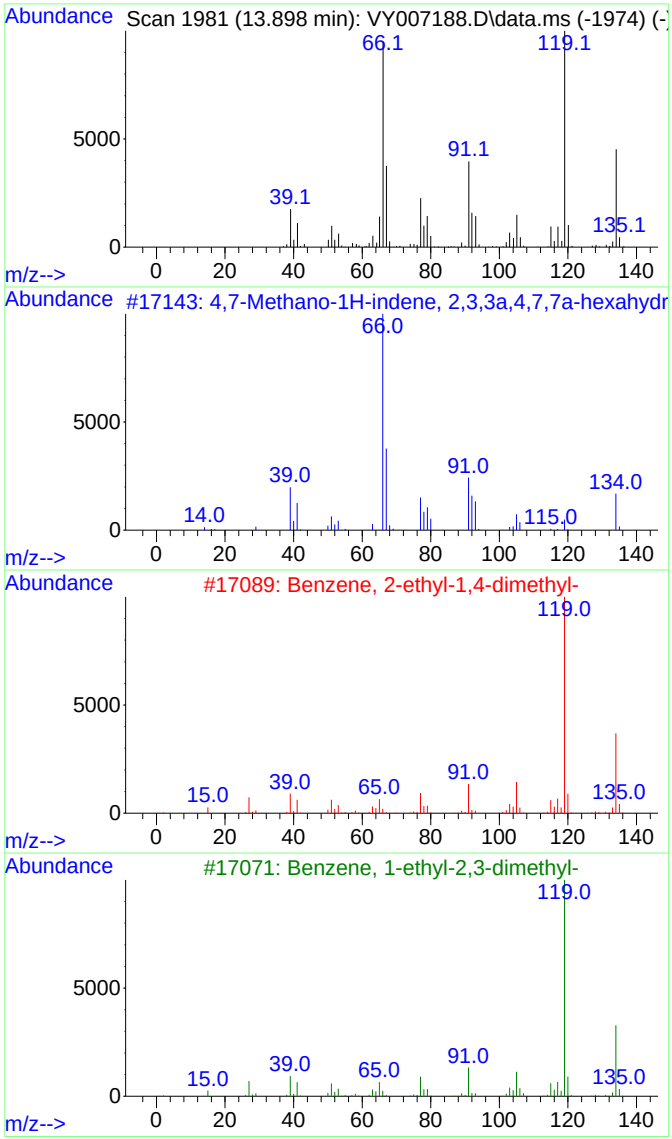
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

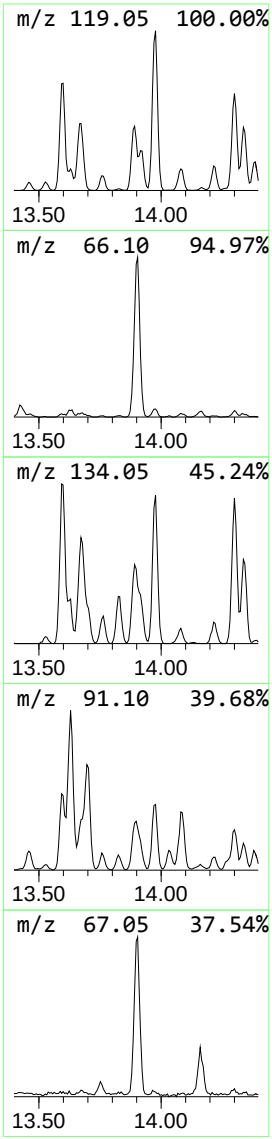
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4,7-Methano-1H-indene, 2,3,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	28.00 ug/l	369154	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, 2,3,3a,4,...	134	C10H14	002826-19-9	76
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	66
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	66
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007188.D
Acq On : 17 Jan 2022 15:38
Operator : SY/MD
Sample : N1145-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-4-7.0

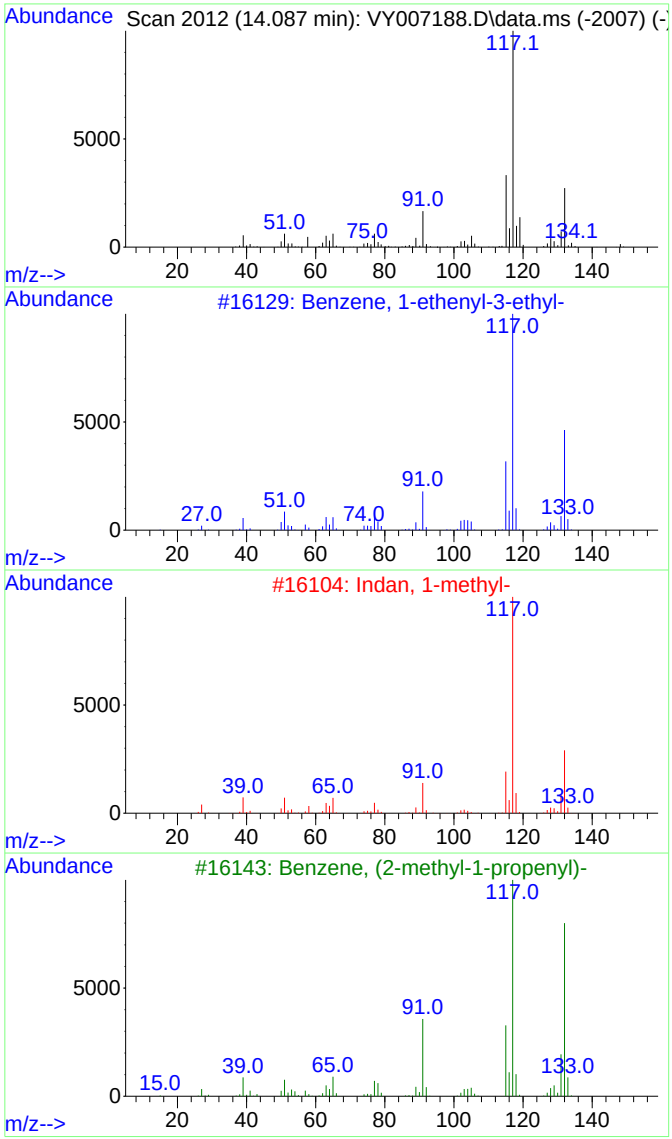
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

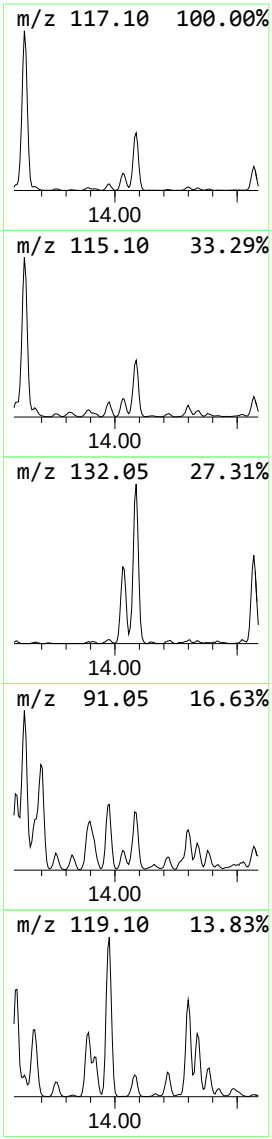
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	29.15 ug/l	384420	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	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	74
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007188.D
Acq On : 17 Jan 2022 15:38
Operator : SY/MD
Sample : N1145-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-4-7.0

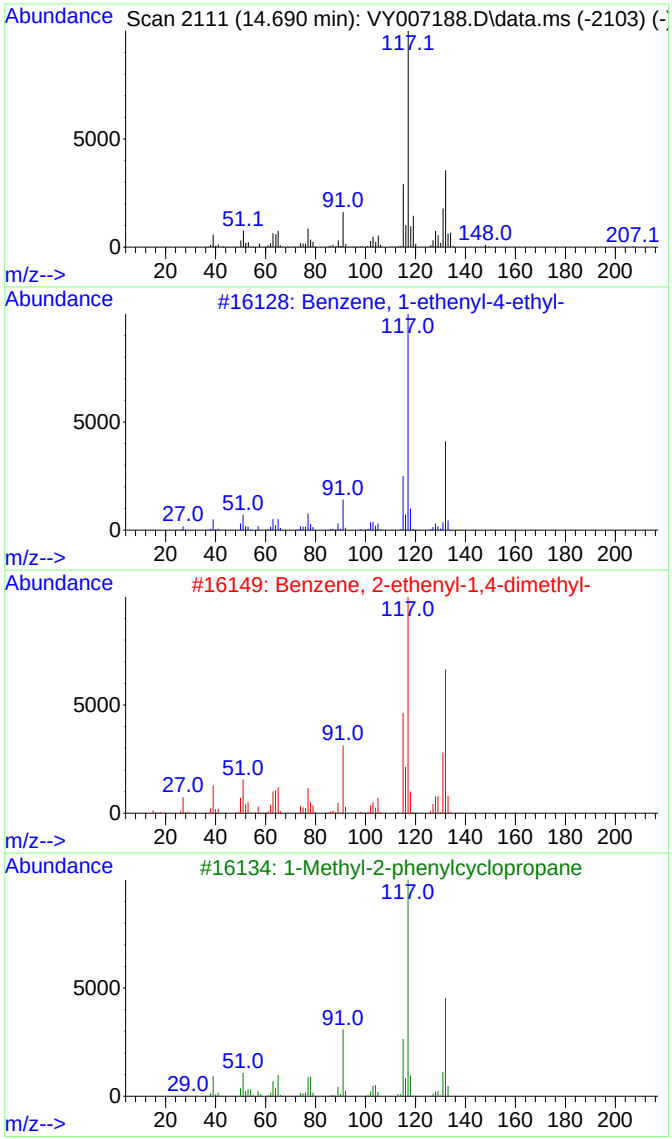
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

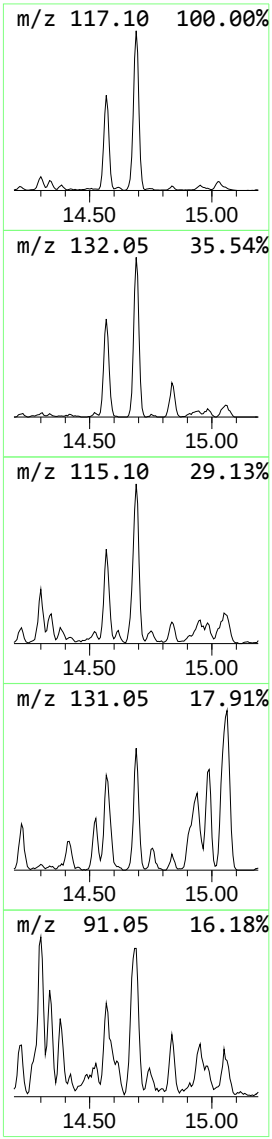
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	29.23 ug/l	385368	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	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007188.D
Acq On : 17 Jan 2022 15:38
Operator : SY/MD
Sample : N1145-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-4-7.0

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-	2.906	119.3	ug/l	1732510	1	7.795	725947	50.0
Butane, 2,3-dim...	4.704	44.4	ug/l	644923	1	7.795	725947	50.0
Pentane, 3-methyl-	5.241	48.5	ug/l	703451	1	7.795	725947	50.0
Pentane, 2,4-di...	6.691	33.9	ug/l	492188	1	7.795	725947	50.0
Cyclopentane, m...	6.795	43.6	ug/l	632979	1	7.795	725947	50.0
Pentane, 2,3-di...	7.874	62.4	ug/l	905556	1	7.795	725947	50.0
Butane, 2,2,3,3...	8.325	104.7	ug/l	1123780	2	8.691	536516	50.0
Pentane, 2,3,4-...	9.618	41.2	ug/l	441774	2	8.691	536516	50.0
Pentane, 2,3,3-...	9.752	53.6	ug/l	575682	2	8.691	536516	50.0
Benzene, 1-ethy...	12.977	36.9	ug/l	486692	4	13.428	659284	50.0
Benzene, 1,3-di...	13.593	34.8	ug/l	458330	4	13.428	659284	50.0
Benzene, (2-bro...	13.629	75.7	ug/l	997724	4	13.428	659284	50.0
4,7-Methano-1H-...	13.898	28.0	ug/l	369154	4	13.428	659284	50.0
Benzene, 1-ethe...	14.086	29.1	ug/l	384420	4	13.428	659284	50.0
Benzene, 1-ethe...	14.690	29.2	ug/l	385368	4	13.428	659284	50.0