LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
Data File : VY004261.D
Acq On : 02 Apr 2021 14:39
Operator : SY/MD
Sample : M1911-01
Misc : 4.92g/5mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-6S-(0-4)

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\82Y032921S.M
Title : SW846 8260

Signal : TIC: VY004261.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.192	45	61	62	rBV3	9100	32257	1.83%	0.363%
2	2.595	113	127	128	rBV5	33885	118759	6.75%	1.336%
3	3.265	230	237	248	rVB2	23637	56709	3.22%	0.638%
4	4.735	466	478	488	rBV2	11049	38400	2.18%	0.432%
5	7.728	957	969	975	rBV	141369	332081	18.87%	3.734%
6	7.801	975	981	991	rVB	242746	546768	31.07%	6.149%
7	8.155	1030	1039	1051	rBV	145702	322234	18.31%	3.624%
8	8.697	1120	1128	1140	rVB	373791	739394	42.02%	8.315%
9	10.185	1364	1372	1379	rBV	597287	1038269	59.01%	11.676%
10	10.252	1379	1383	1389	rVB	16979	28122	1.60%	0.316%
11	11.496	1580	1587	1597	rVB	517759	826256	46.96%	9.292%
12	11.599	1597	1604	1611	rBV	24937	43197	2.46%	0.486%
13	11.703	1614	1621	1631	rVV	95746	185297	10.53%	2.084%
14	12.032	1666	1675	1684	rBV	67228	113495	6.45%	1.276%
15	12.337	1720	1725	1730	rBV	10900	18693	1.06%	0.210%
16	12.495	1744	1751	1760	rVB2	994872	1759543	100.00%	19.787%
17	12.678	1772	1781	1785	rBV	27677	47594	2.70%	0.535%
18	12.739	1785	1791	1794	rBV	92287	142040	8.07%	1.597%
19	12.770	1794	1796	1799	rVV	40780	58012	3.30%	0.652%
20	12.813	1799	1803	1810	rVB2	91667	147188	8.37%	1.655%
21	12.977	1823	1830	1837	rBV	58371	97964	5.57%	1.102%
22	13.044	1837	1841	1848	rVV3	10840	20565	1.17%	0.231%
23	13.123	1848	1854	1860	rVV	209465	306190	17.40%	3.443%
24	13.258	1868	1876	1879	rBV3	12703	25276	1.44%	0.284%
25	13.319	1881	1886	1890	rVB2	19070	31967	1.82%	0.359%
26	13.373	1890	1895	1898	rBV2	12720	20763	1.18%	0.233%
27	13.428	1898	1904	1915	rVV2	383231	729798	41.48%	8.207%
28	13.629	1933	1937	1941	rBV2	55222	77721	4.42%	0.874%
29	13.672	1941	1944	1953	rVB3	44013	82189	4.67%	0.924%
30	13.757	1953	1958	1962	rBV2	55313	76894	4.37%	0.865%
31	13.825	1965	1969	1974	rVB	25792	38663	2.20%	0.435%
32	13.892	1975	1980	1982	rBV	24642	36601	2.08%	0.412%
33	13.922	1982	1985	1989	rVV	30106	40539	2.30%	0.456%
34	13.971	1989	1993	1999	rVB3	69801	110313	6.27%	1.241%
35	14.087	2007	2012	2017	rVB	43886	70577	4.01%	0.794%
36	14.221	2029	2034	2039	rBV3	20359	36602	2.08%	0.412%

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Instrument : MSVOA_Y
ClientSampleId : TP-6S-(0-4)

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
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Title : SW846 8260

37	14.306	2044	2048	2050	rVV	17180	29745	1.69%	0.335%
38	14.337	2050	2053	2057	rVB	32259	47535	2.70%	0.535%
39	14.416	2063	2066	2072	rVB4	14929	23474	1.33%	0.264%
40	14.568	2087	2091	2095	rVV2	19426	33064	1.88%	0.372%
41	14.617	2095	2099	2103	rVB2	34944	50832	2.89%	0.572%
42	14.684	2103	2110	2116	rBV5	55856	127065	7.22%	1.429%
43	14.739	2116	2119	2125	rVB3	11311	20437	1.16%	0.230%
44	14.837	2130	2135	2143	rVB	45069	70900	4.03%	0.797%
45	15.062	2166	2172	2176	rVB3	12795	24926	1.42%	0.280%
46	15.215	2193	2197	2206	rVB4	7081	18705	1.06%	0.210%
47	15.440	2230	2234	2241	rVB3	14656	22789	1.30%	0.256%
48	15.733	2278	2282	2289	rVB4	14736	25892	1.47%	0.291%

Sum of corrected areas: 8892294

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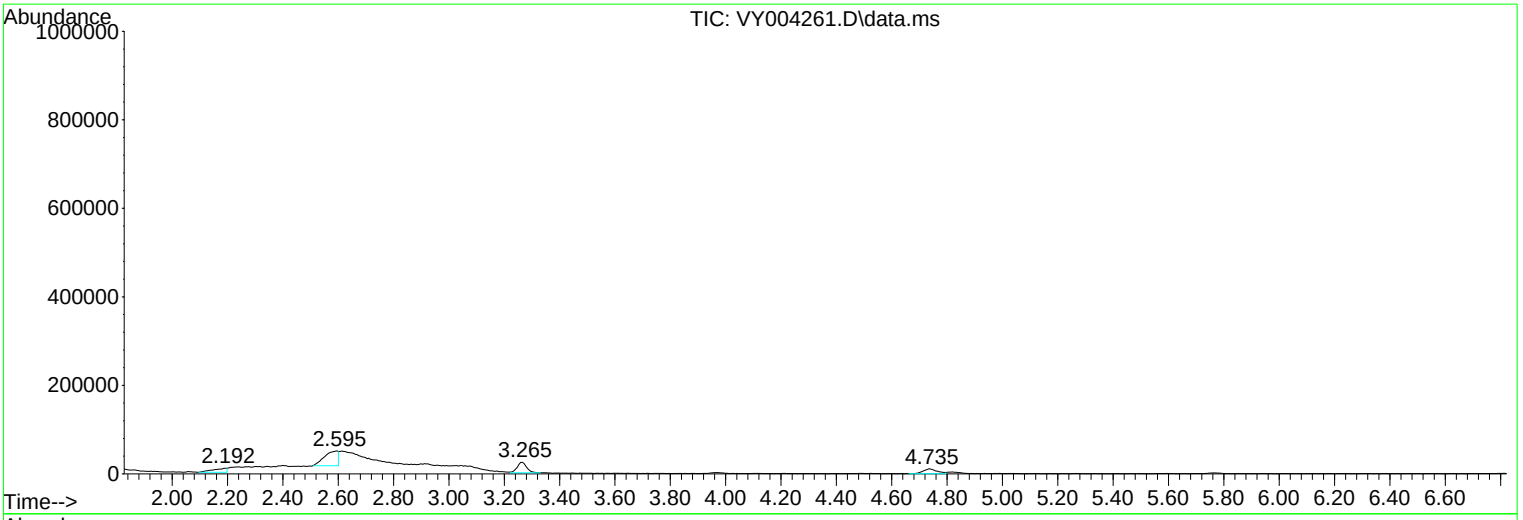
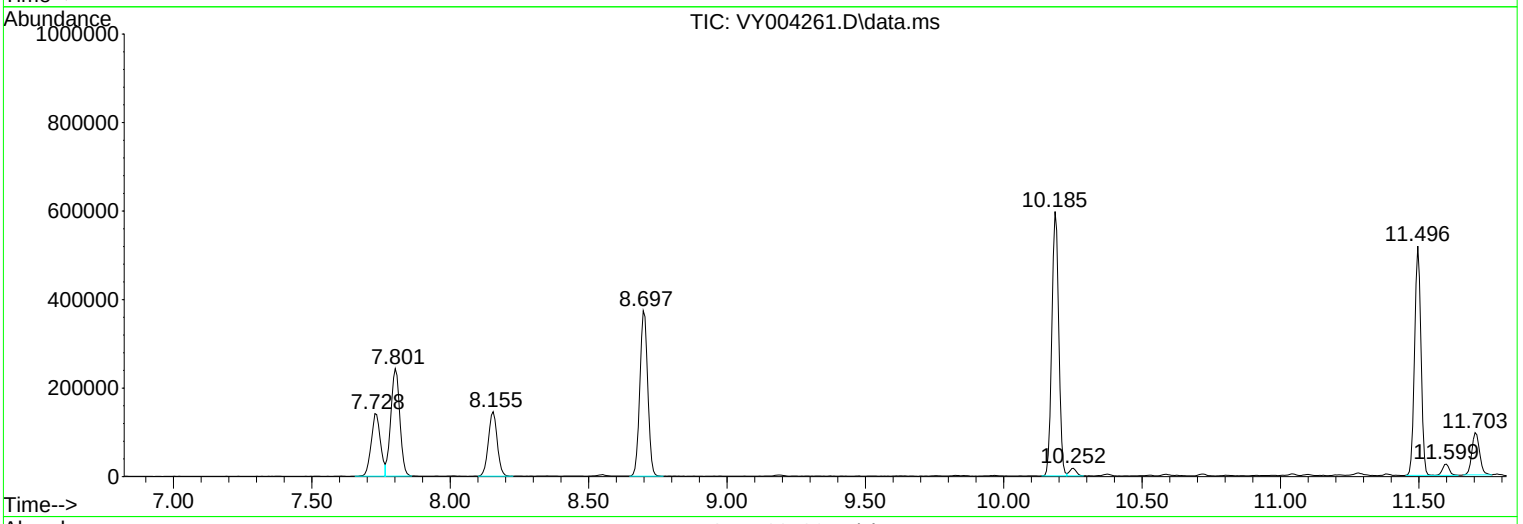
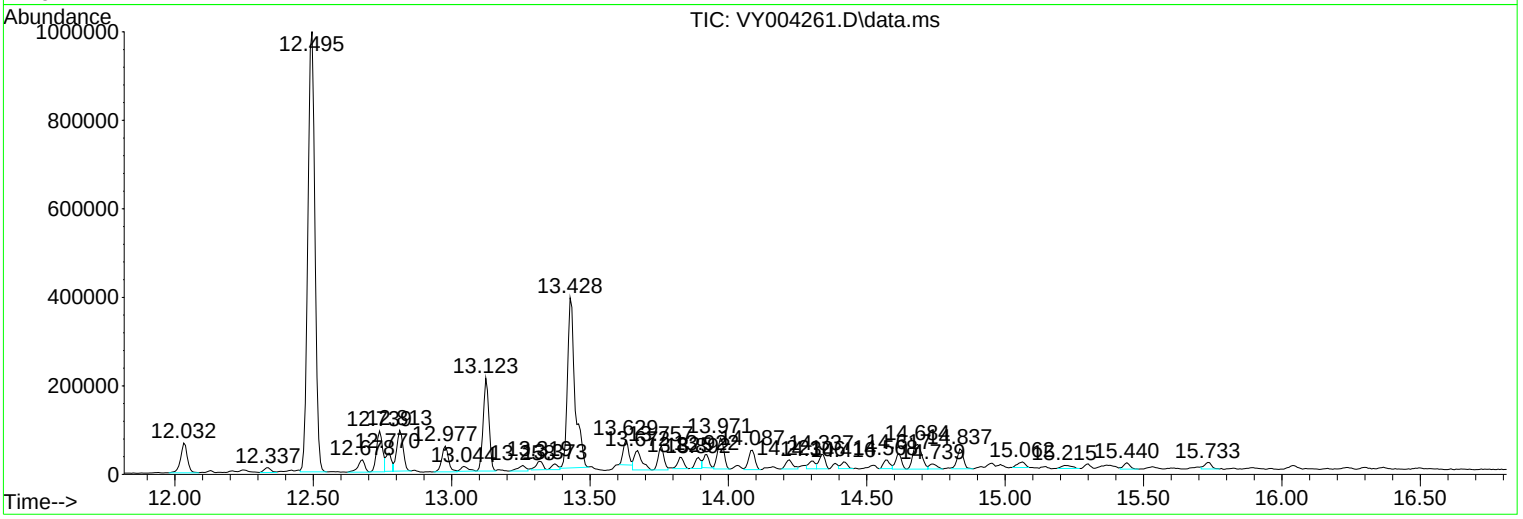
TP-6S-(0-4)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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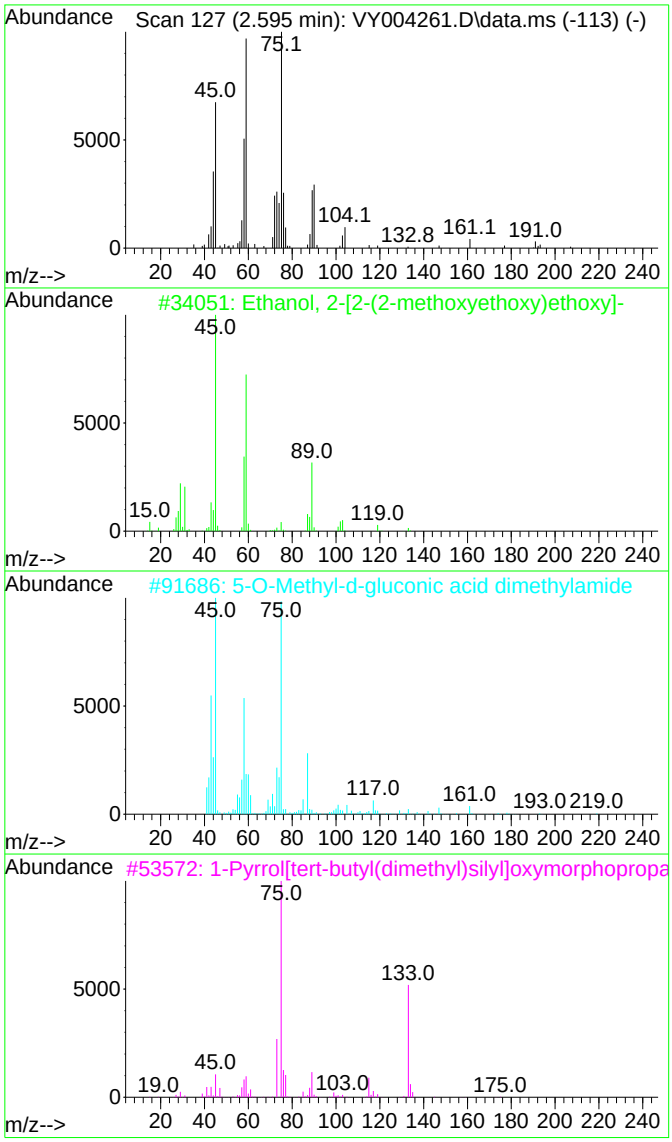
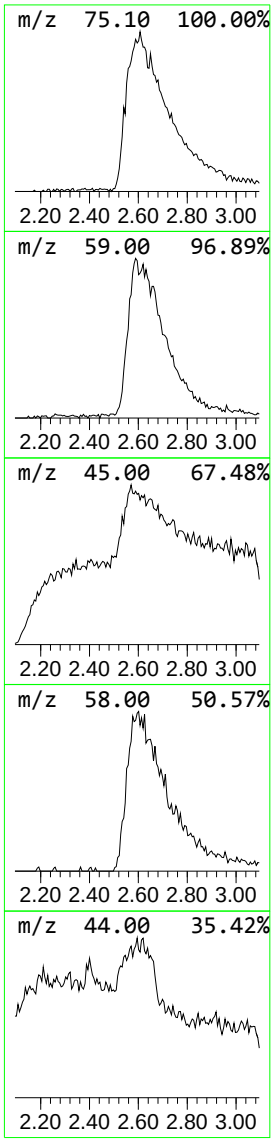
****

Peak Number 1 unknown2.595 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.595	10.86 ug/l	118759	Pentafluorobenzene	7.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	38
2	5-O-Methyl-d-gluconic acid dimet...	237	C9H19NO6	013096-67-8	37
3	1-Pyrrol[tert-butyl(dimethyl)sil...	190	C9H22O2Si	1000333-03-5	25
4	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	25
5	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	17





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Instrument :
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ClientSampleId :
TP-6S-(0-4)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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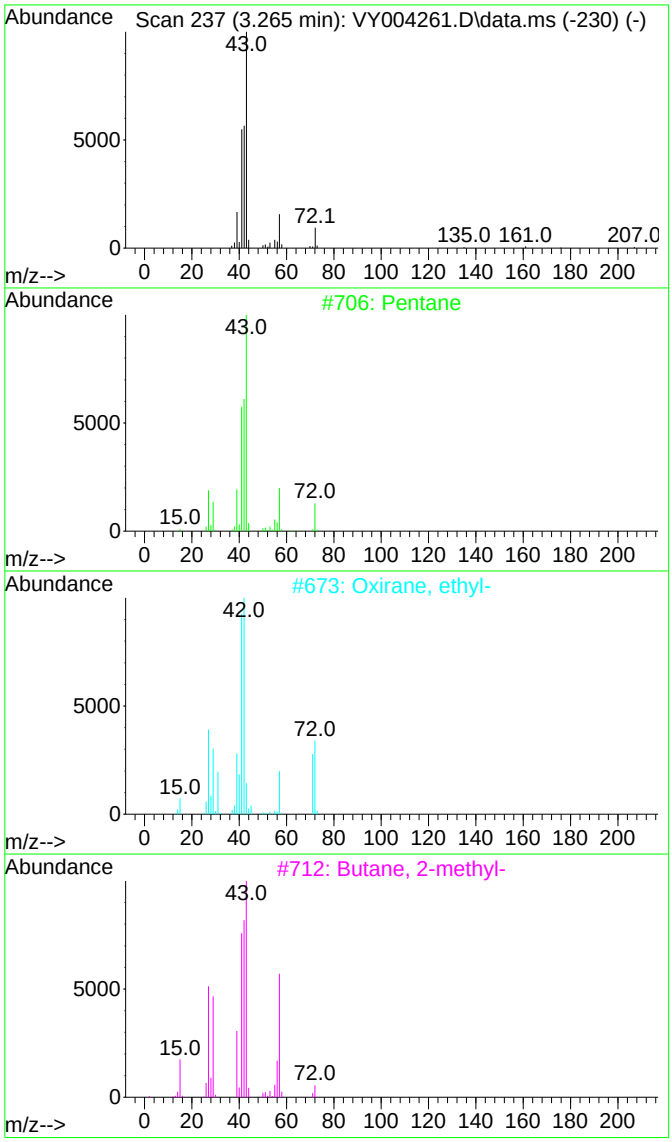
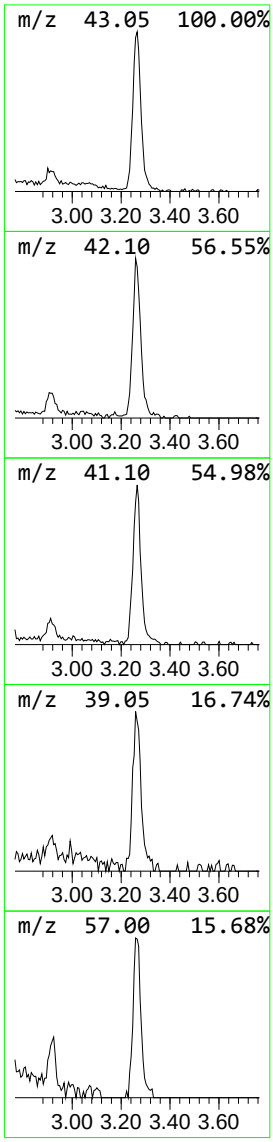
Peak Number 2 Pentane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.265	5.19 ug/l	56709	Pentafluorobenzene	7.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	50
3	Butane, 2-methyl-	72	C5H12	000078-78-4	39
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	39
5	Isobutylene epoxide	72	C4H8O	000558-30-5	33





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Sample : M1911-01
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-6S-(0-4)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

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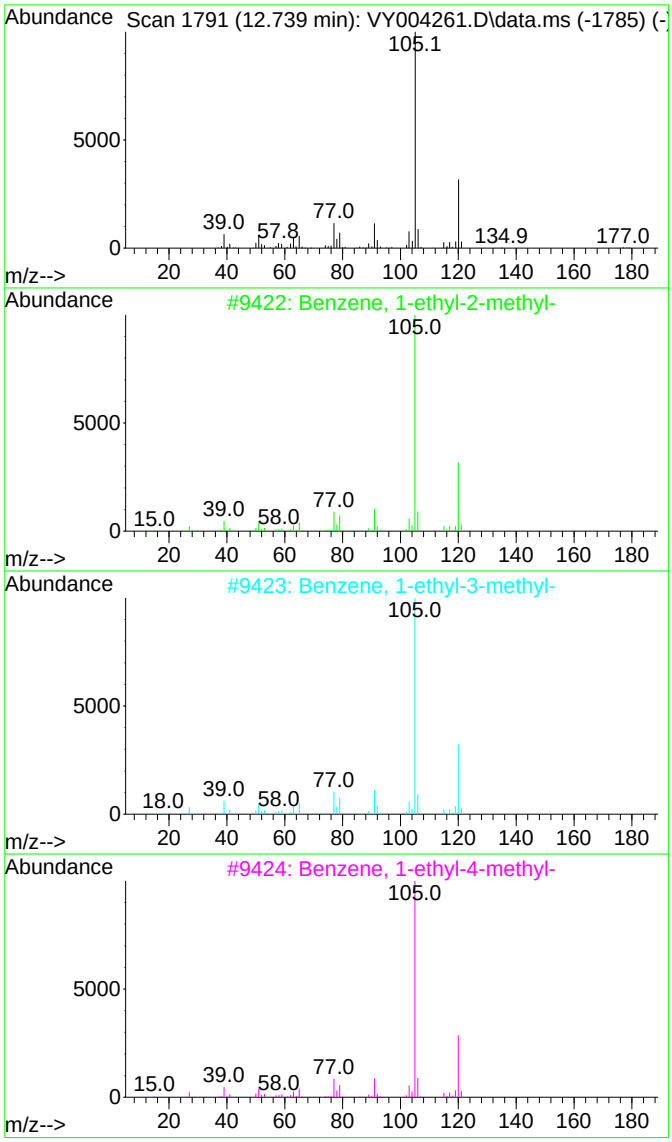
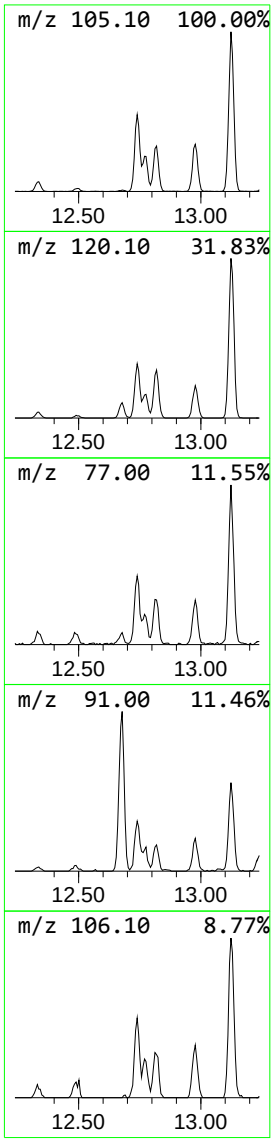
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	9.73 ug/l	142040	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	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-6S-(0-4)

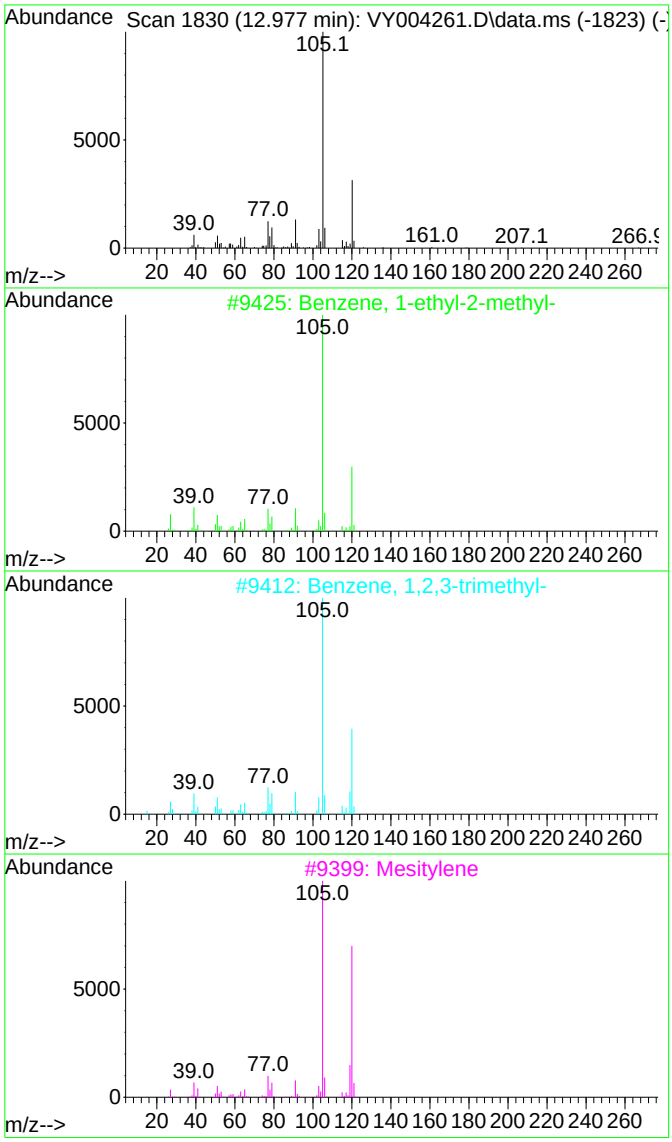
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

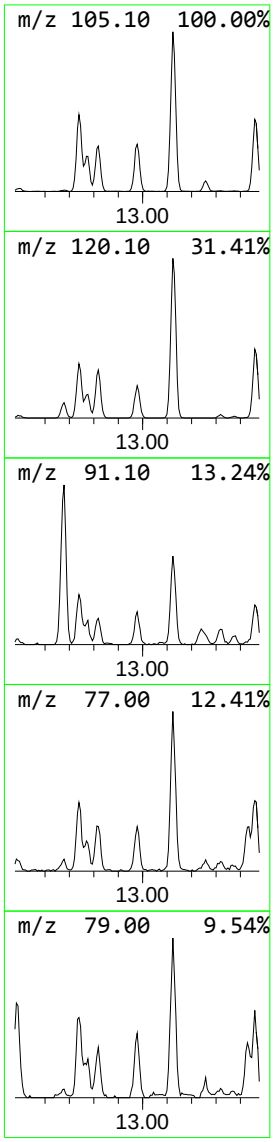
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	6.71 ug/l	97964	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	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-4-methyl-	120	C9H12	000622-96-8	91





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Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

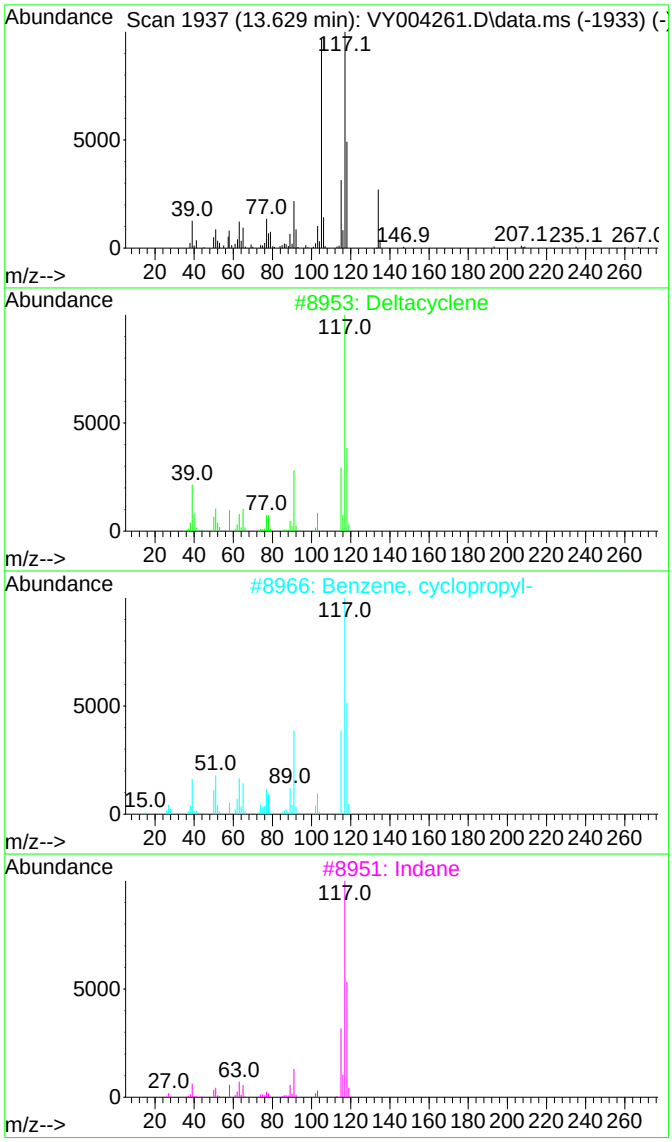
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

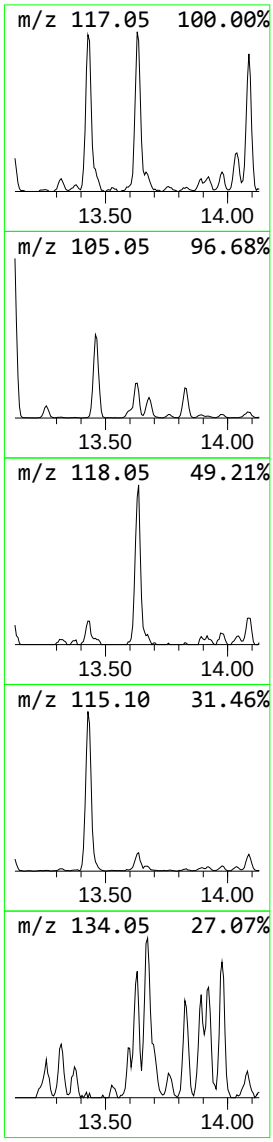
****

Peak Number 5 Deltacyclene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	5.32 ug/l	77721	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	60
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
3	Indane	118	C9H10	000496-11-7	53
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	49
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	46





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Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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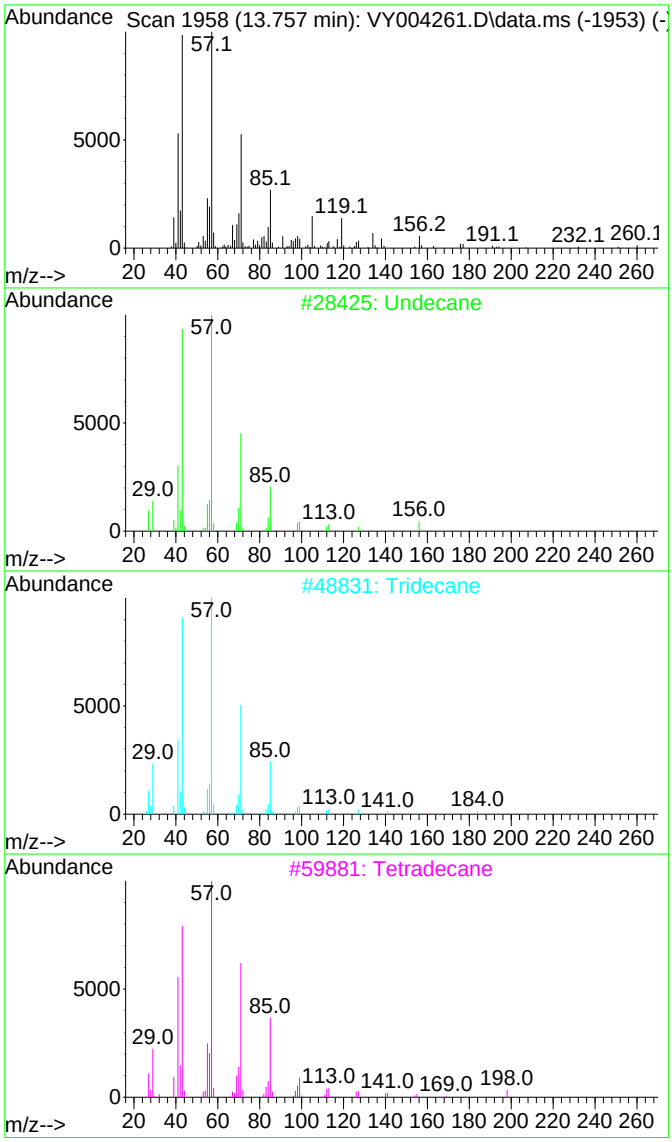
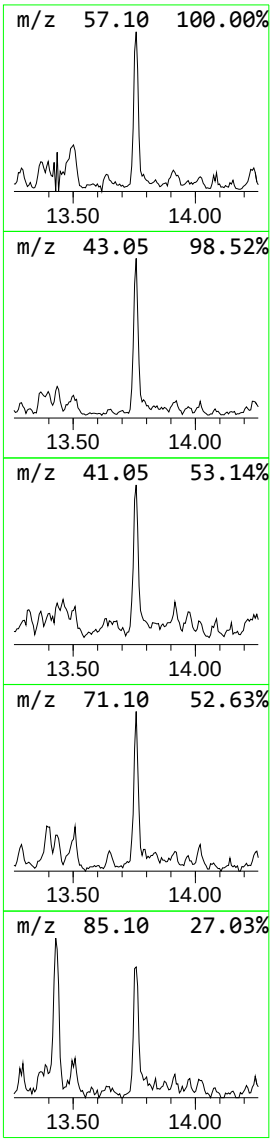
Peak Number 6 Undecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.758	5.27 ug/l	76894	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	81
2	Tridecane	184	C13H28	000629-50-5	72
3	Tetradecane	198	C14H30	000629-59-4	64
4	Hexadecane	226	C16H34	000544-76-3	58
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	53





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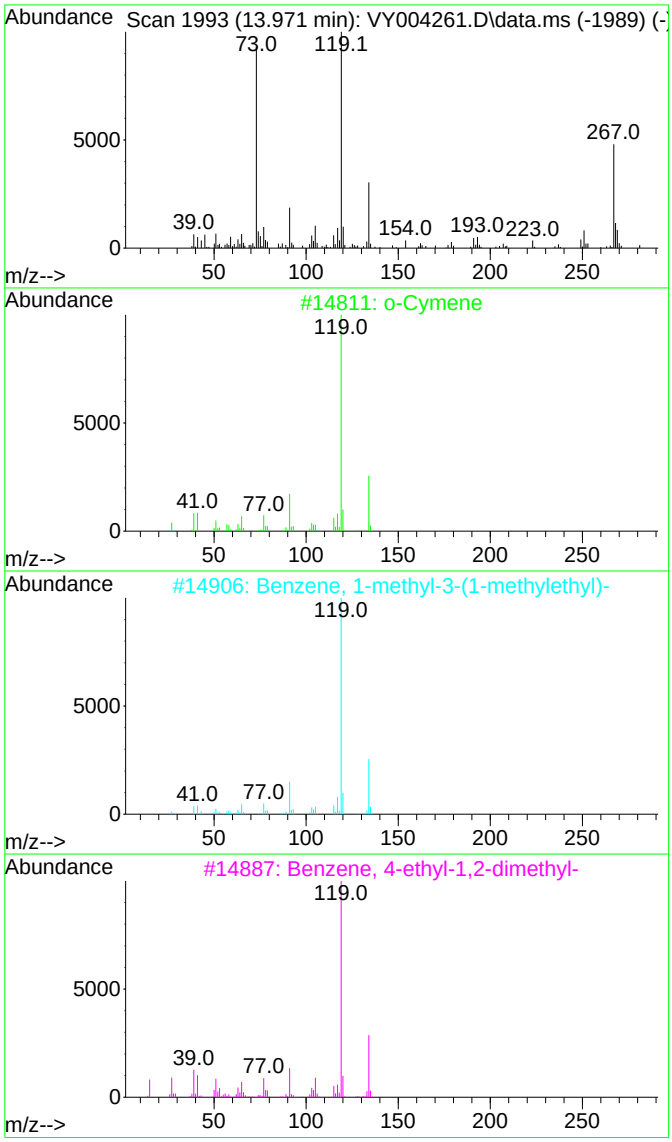
Quant Title : SW846 8260

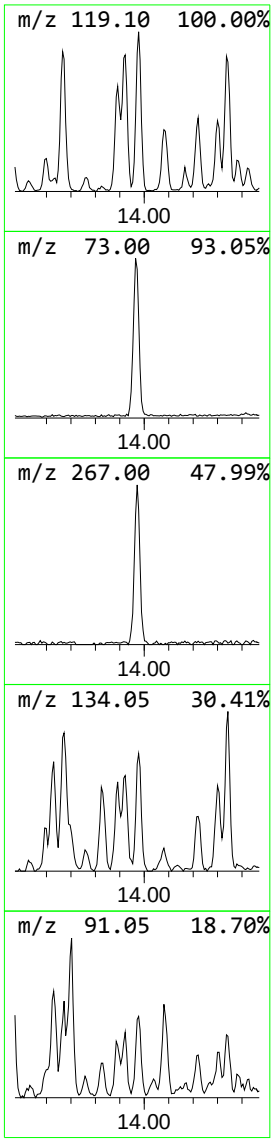
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	7.56 ug/l	110313	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
4	p-Cymene	134	C10H14	000099-87-6	78
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60





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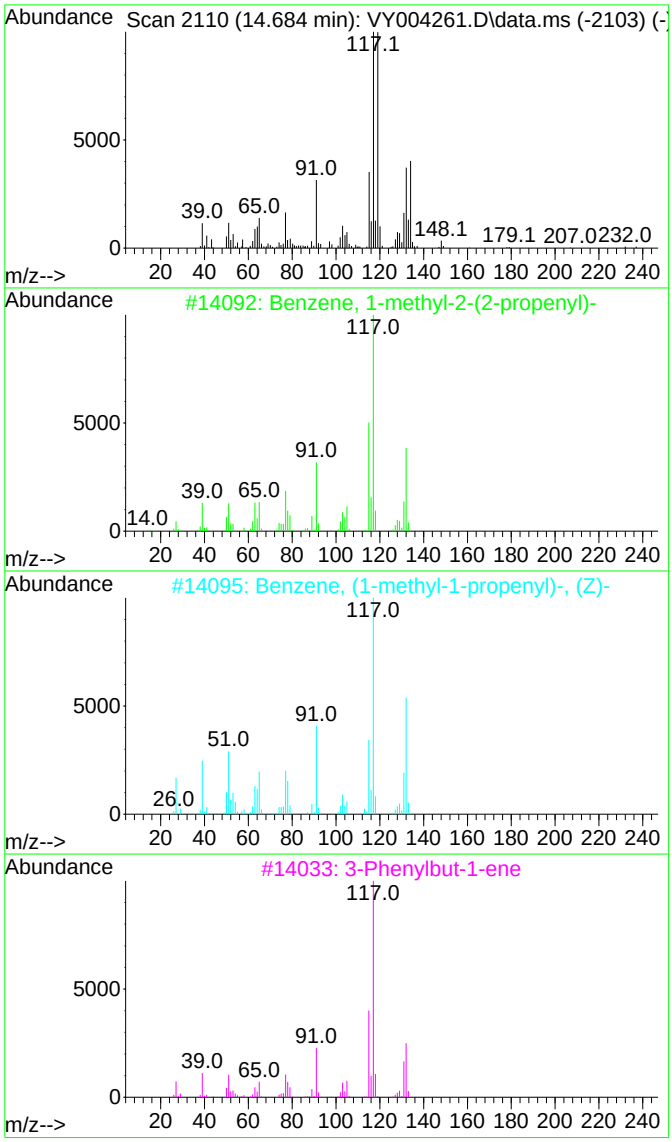
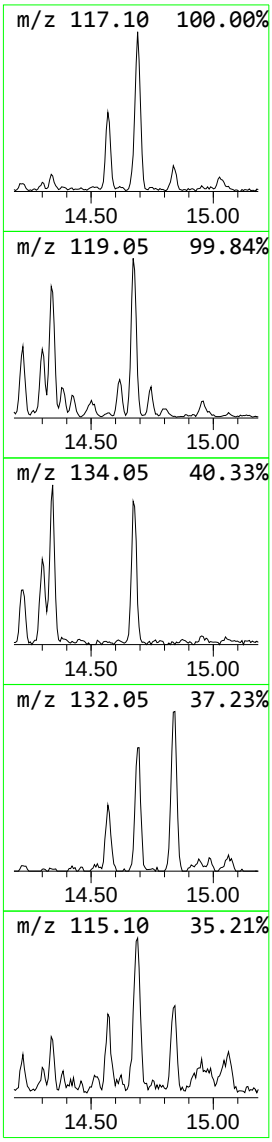
****
Peak Number 8 Benzene, 1-methyl-2-(2-prop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	8.71 ug/l	127065	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	50
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
Data File : VY004261.D
Acq On : 02 Apr 2021 14:39
Operator : SY/MD
Sample : M1911-01
Misc : 4.92g/5mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-6S-(0-4)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.595	2.595	10.9	ug/l	118759	1	7.801	546768	50.0
Pentane	3.265	5.2	ug/l	56709	1	7.801	546768	50.0
Benzene, 1-ethy...	12.739	9.7	ug/l	142040	4	13.428	729798	50.0
Benzene, 1,2,3-...	12.977	6.7	ug/l	97964	4	13.428	729798	50.0
Deltacyclene	13.629	5.3	ug/l	77721	4	13.428	729798	50.0
Undecane	13.758	5.3	ug/l	76894	4	13.428	729798	50.0
o-Cymene	13.971	7.6	ug/l	110313	4	13.428	729798	50.0
Benzene, 1-meth...	14.684	8.7	ug/l	127065	4	13.428	729798	50.0