

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023911.D
 Acq On : 09 Dec 2025 16:17
 Operator : SY/MD
 Sample : Q3809-07
 Misc : 2.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-3

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\82Y120325S.M
 Title : SW846 8260

Signal : TIC: VY023911.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.640	961	971	977	rBV	580953	1399192	9.53%	2.212%
2	7.720	977	984	1006	rVB	925725	2181589	14.86%	3.449%
3	8.073	1032	1042	1053	rBV	470237	1088124	7.41%	1.720%
4	8.622	1122	1132	1148	rBV	1555433	2981791	20.31%	4.714%
5	10.109	1369	1376	1381	rBV	2310393	4014199	27.34%	6.346%
6	10.176	1381	1387	1395	rVB	4311581	7158077	48.75%	11.316%
7	10.304	1400	1408	1415	rVB2	123916	247963	1.69%	0.392%
8	11.420	1584	1591	1601	rBV	2106112	3410748	23.23%	5.392%
9	11.524	1601	1608	1616	rBV	2794249	4239182	28.87%	6.702%
10	11.627	1616	1625	1637	rBV	8460448	14683563	100.00%	23.213%
11	11.957	1669	1679	1691	rBV	2969069	4515341	30.75%	7.138%
12	12.255	1723	1728	1734	rBV	131340	209490	1.43%	0.331%
13	12.408	1744	1753	1764	rVB	1619817	2657900	18.10%	4.202%
14	12.597	1777	1784	1789	rBV	533155	802372	5.46%	1.268%
15	12.664	1789	1795	1798	rVV	1972561	3080757	20.98%	4.870%
16	12.694	1798	1800	1804	rVV	901188	1153517	7.86%	1.824%
17	12.737	1804	1807	1813	rVB	641804	941442	6.41%	1.488%
18	12.895	1827	1833	1841	rBV	483365	759861	5.17%	1.201%
19	13.048	1851	1858	1865	rBV	2058824	3018576	20.56%	4.772%
20	13.353	1901	1908	1929	rVB2	1781209	3365820	22.92%	5.321%
21	13.548	1936	1940	1944	rVV	434200	699799	4.77%	1.106%
22	13.590	1944	1947	1956	rVB3	182313	344318	2.34%	0.544%
23	13.895	1992	1997	2003	rVB3	195561	302401	2.06%	0.478%

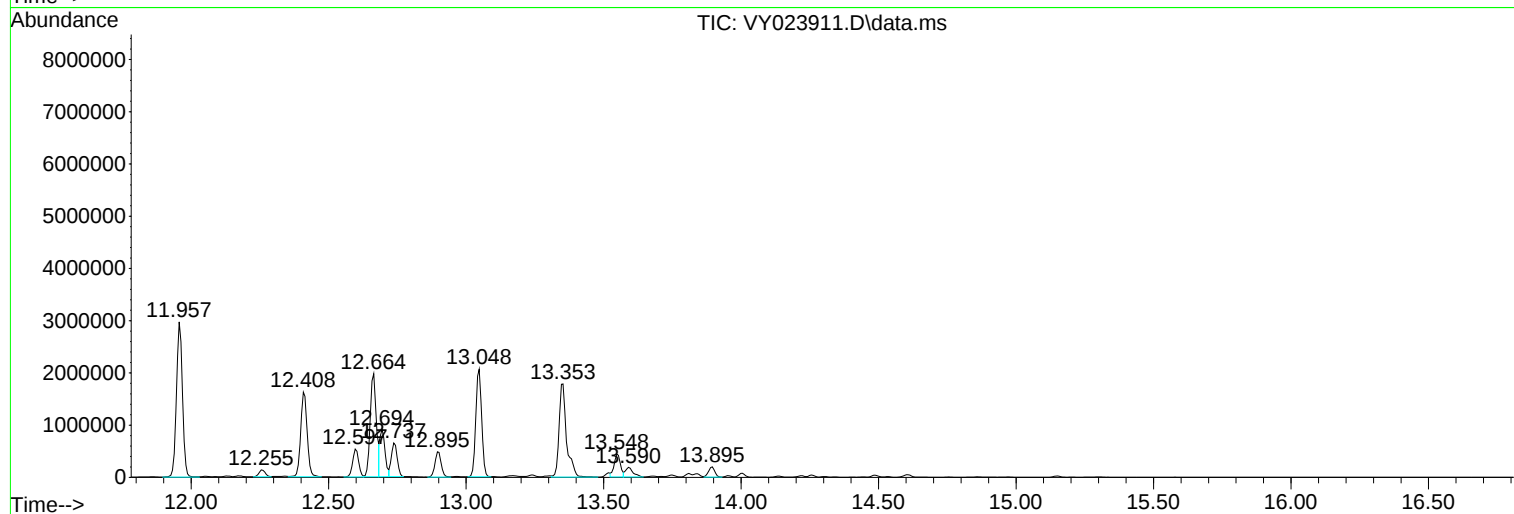
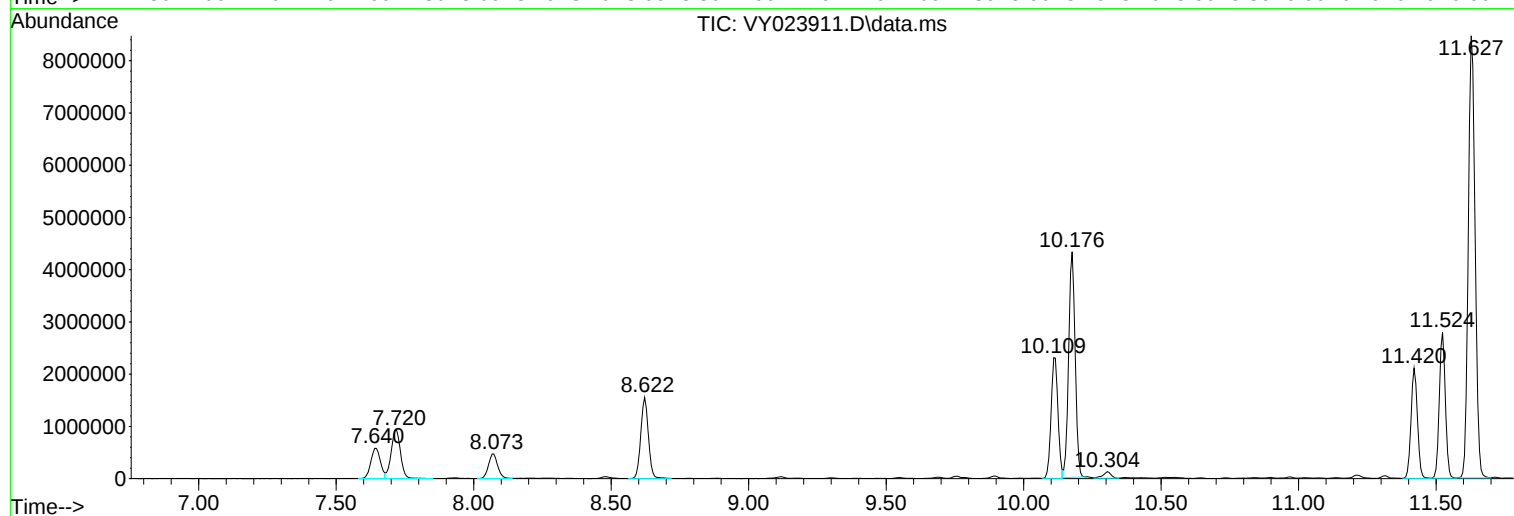
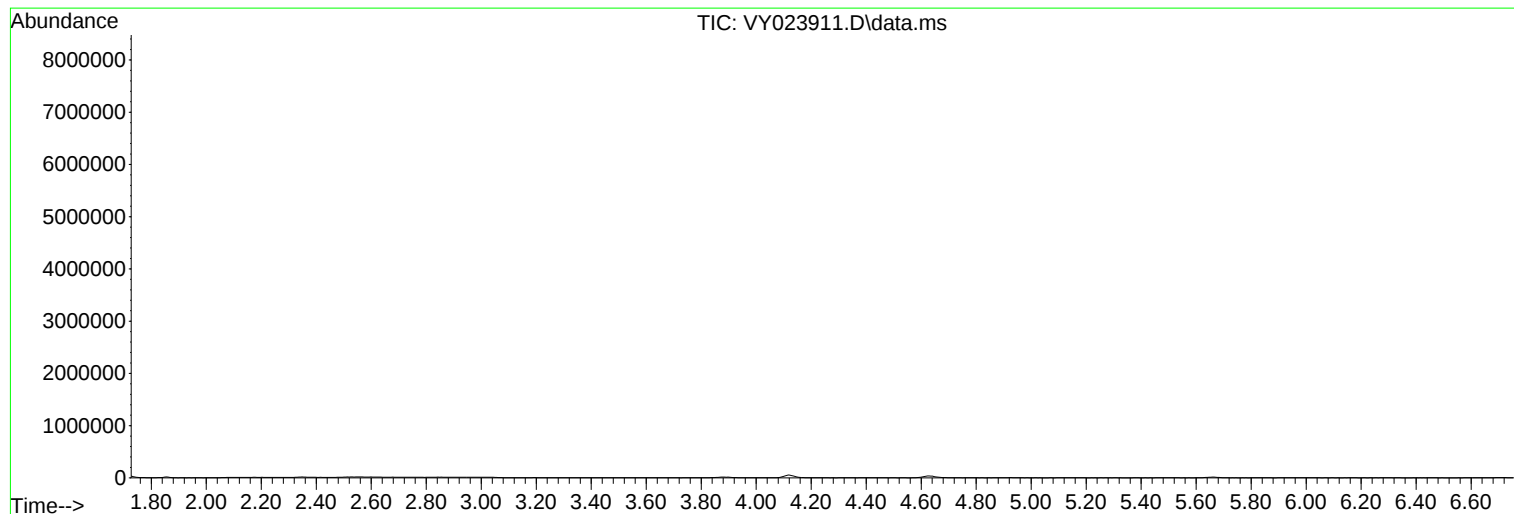
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ClientSampleId :
B-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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



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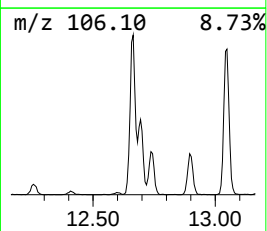
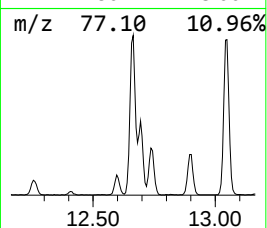
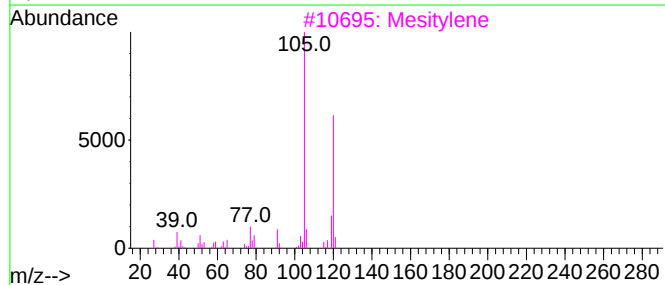
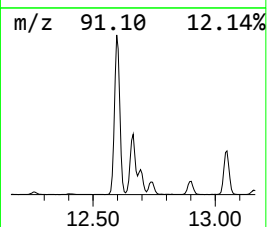
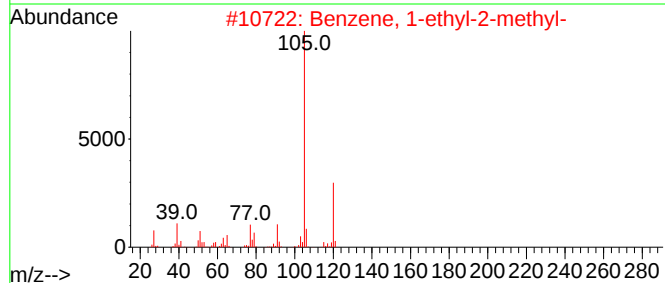
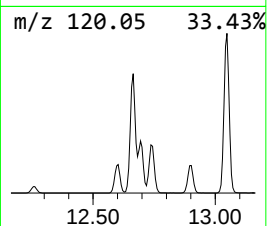
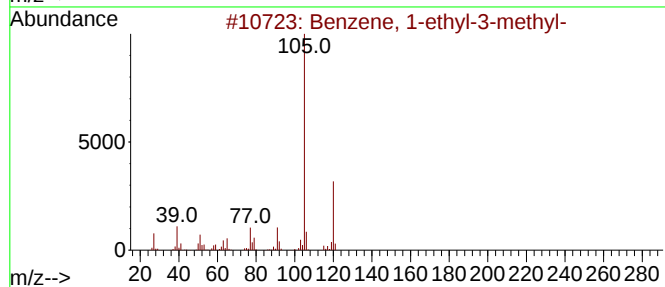
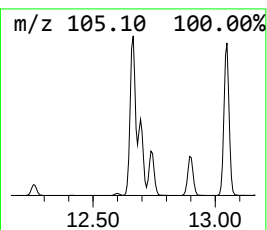
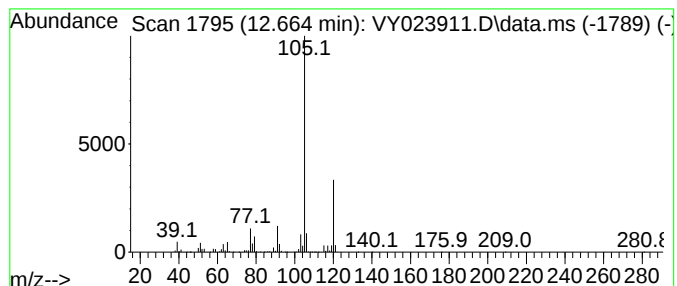
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.664	45.77 ug/l	3080760	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
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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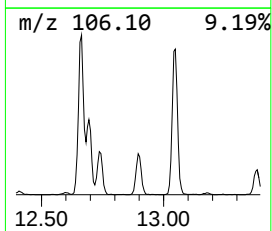
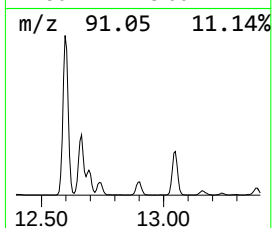
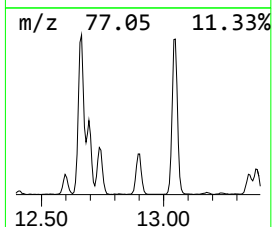
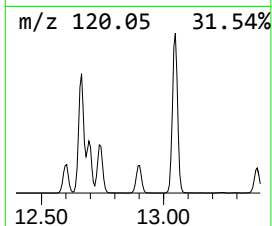
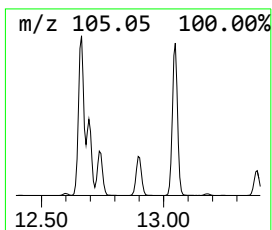
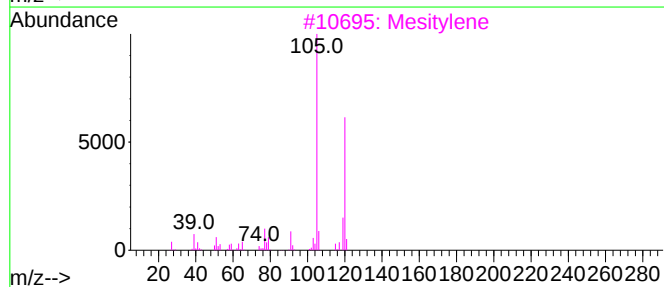
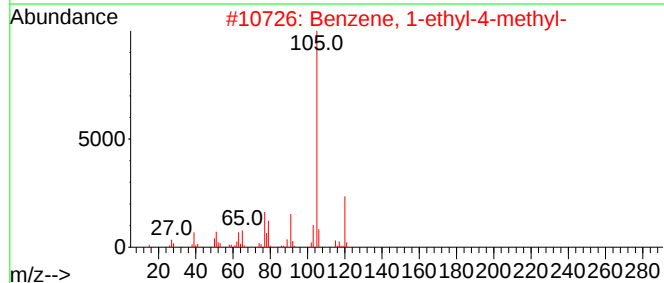
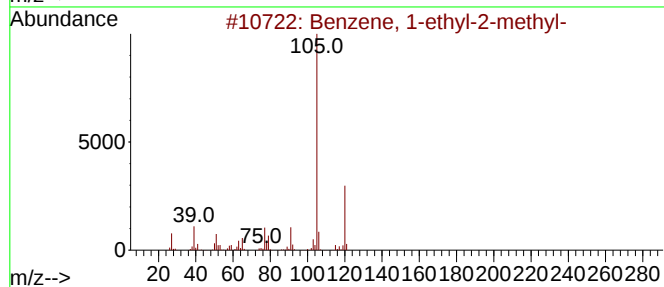
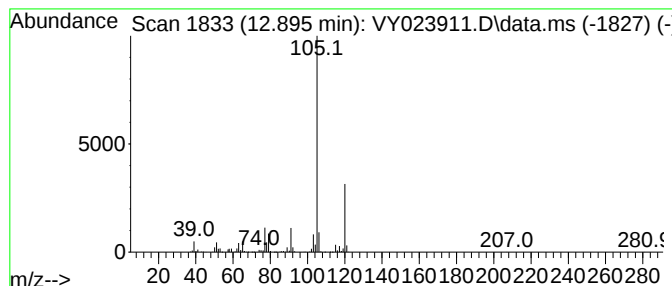
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Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.896	11.29 ug/l	759861	1,4-Dichlorobenzene-d4	13.353

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	93
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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ALS Vial : 2 Sample Multiplier: 1

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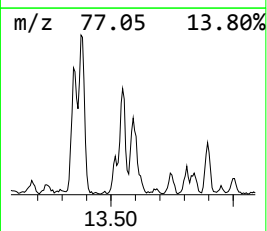
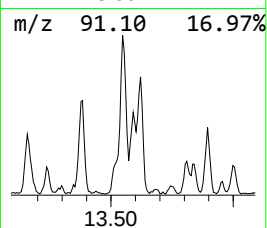
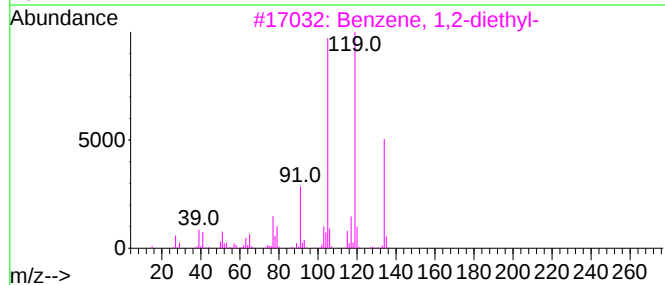
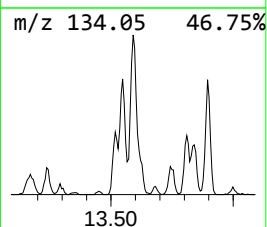
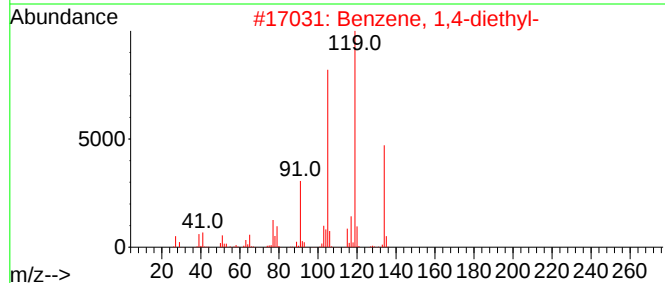
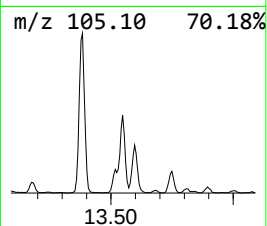
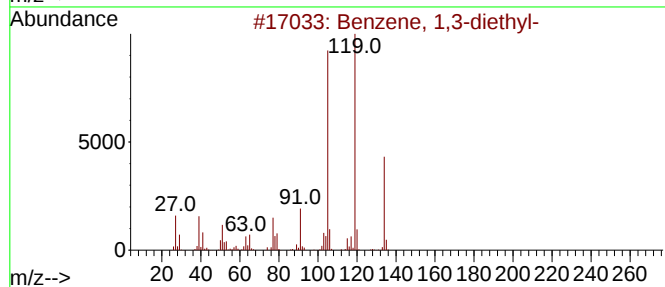
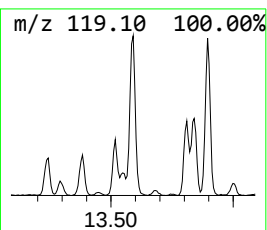
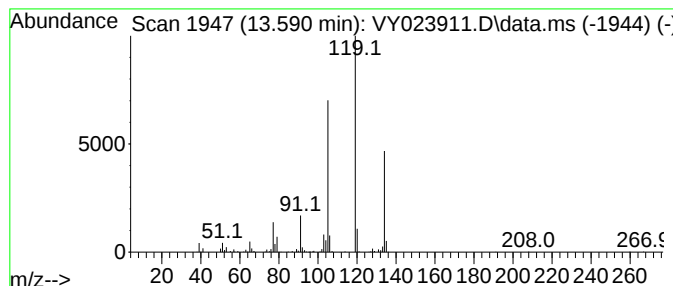
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	5.11 ug/l	344318	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91



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MSVOA_Y
ClientSampleId :
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Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	12.664	45.8	ug/l	3080760	4	13.353	3365820	50.0
Benzene, 1-ethy...	12.896	11.3	ug/l	759861	4	13.353	3365820	50.0
Benzene, 1,3-di...	13.591	5.1	ug/l	344318	4	13.353	3365820	50.0