LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023590.D
Acq On : 27 Oct 2025 11:43
Operator : SY/MD
Sample : Q3465-01
Misc : 5.19g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-10242025

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\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023590.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.111	53	64	65	rBV6	8561	26922	1.74%	0.251%
2	4.622	466	476	486	rBV3	11724	34314	2.21%	0.320%
3	5.653	631	645	661	rBV3	83790	278713	17.97%	2.598%
4	7.634	960	970	976	rBV	250499	600506	38.72%	5.598%
5	7.707	976	982	996	rVB	416651	965122	62.22%	8.997%
6	8.061	1030	1040	1053	rBV	205666	450948	29.07%	4.204%
7	8.616	1122	1131	1143	rBV	608227	1197417	77.20%	11.162%
8	10.109	1368	1376	1384	rBV	911548	1551081	100.00%	14.459%
9	10.170	1384	1386	1392	rVB2	11043	18429	1.19%	0.172%
10	11.414	1583	1590	1603	rBV	753497	1270173	81.89%	11.841%
11	11.633	1616	1626	1634	rBV3	40504	110700	7.14%	1.032%
12	11.706	1634	1638	1644	rVB6	8372	17499	1.13%	0.163%
13	11.950	1668	1678	1688	rBV2	45756	109909	7.09%	1.025%
14	12.127	1703	1707	1710	rBV6	11162	15517	1.00%	0.145%
15	12.176	1710	1715	1723	rVB4	16273	31081	2.00%	0.290%
16	12.255	1724	1728	1733	rVB5	16283	24364	1.57%	0.227%
17	12.408	1747	1753	1770	rVB	544149	890449	57.41%	8.301%
18	12.597	1775	1784	1788	rBV3	15690	42901	2.77%	0.400%
19	12.658	1788	1794	1797	rVV	76608	121619	7.84%	1.134%
20	12.688	1797	1799	1802	rVV	44632	60045	3.87%	0.560%
21	12.731	1802	1806	1812	rVV2	134324	212565	13.70%	1.982%
22	12.810	1812	1819	1825	rVB2	38277	79501	5.13%	0.741%
23	12.895	1825	1833	1838	rBV	59573	107641	6.94%	1.003%
24	12.962	1840	1844	1851	rVB4	19550	33415	2.15%	0.311%
25	13.042	1851	1857	1871	rBV	127284	230671	14.87%	2.150%
26	13.170	1873	1878	1882	rVB3	15780	25721	1.66%	0.240%
27	13.237	1882	1889	1893	rBV3	38913	74369	4.79%	0.693%
28	13.292	1894	1898	1901	rVV2	24688	35177	2.27%	0.328%
29	13.346	1901	1907	1917	rVB2	612051	1062156	68.48%	9.901%
30	13.541	1931	1939	1943	rBV2	77291	138876	8.95%	1.295%
31	13.584	1943	1946	1955	rVB3	67180	122861	7.92%	1.145%
32	13.670	1955	1960	1965	rBV4	47026	77840	5.02%	0.726%
33	13.743	1965	1972	1978	rBV	31031	53010	3.42%	0.494%
34	13.804	1978	1982	1984	rBV	17494	24411	1.57%	0.228%
35	13.834	1984	1987	1991	rVV	26099	37549	2.42%	0.350%
36	13.889	1991	1996	2001	rVB2	79472	129696	8.36%	1.209%

LSC Area Percent Report

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Acq On : 27 Oct 2025 11:43
Operator : SY/MD
Sample : Q3465-01
Misc : 5.19g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-10242025

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Title : SW846 8260

37	13.999	2009	2014	2019	rVB	61805	98018	6.32%	0.914%
38	14.127	2030	2035	2039	rBV3	15595	24970	1.61%	0.233%
39	14.249	2052	2055	2059	rVB	24215	32273	2.08%	0.301%
40	14.297	2059	2063	2066	rBV	14886	17382	1.12%	0.162%
41	14.340	2066	2070	2073	rVB4	14250	18403	1.19%	0.172%
42	14.480	2089	2093	2098	rVV3	15708	28893	1.86%	0.269%
43	14.529	2098	2101	2106	rVV5	14570	24684	1.59%	0.230%
44	14.596	2106	2112	2118	rVV4	42018	96862	6.24%	0.903%
45	14.749	2132	2137	2143	rVB2	24424	38472	2.48%	0.359%
46	14.858	2150	2155	2158	rBV4	12060	19283	1.24%	0.180%
47	14.895	2158	2161	2167	rVV7	9885	20185	1.30%	0.188%
48	14.968	2168	2173	2179	rVB3	13452	28883	1.86%	0.269%
49	15.626	2277	2281	2288	rVB4	8091	15780	1.02%	0.147%

Sum of corrected areas: 10727256

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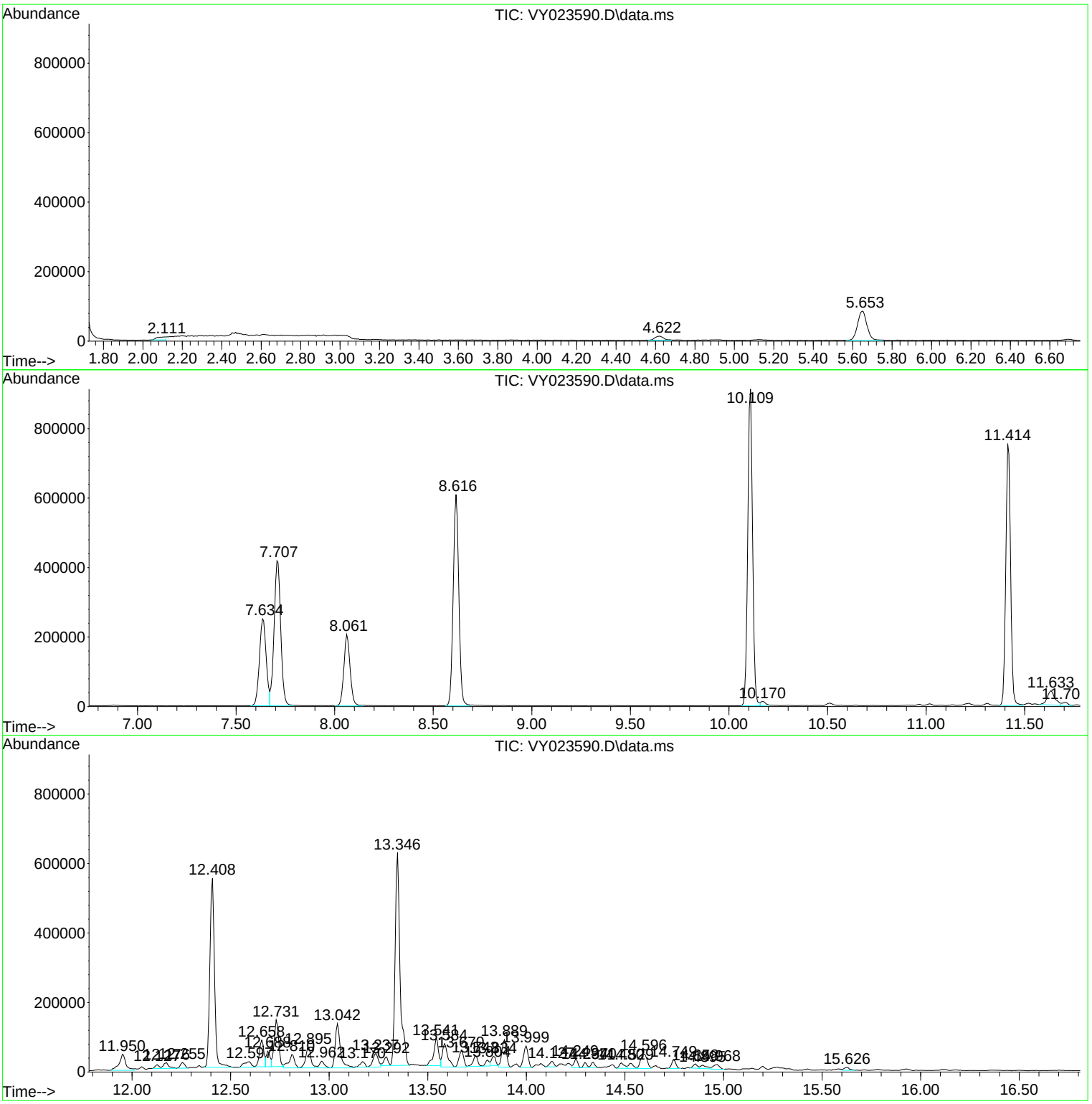
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-10242025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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



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Operator : SY/MD
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-10242025

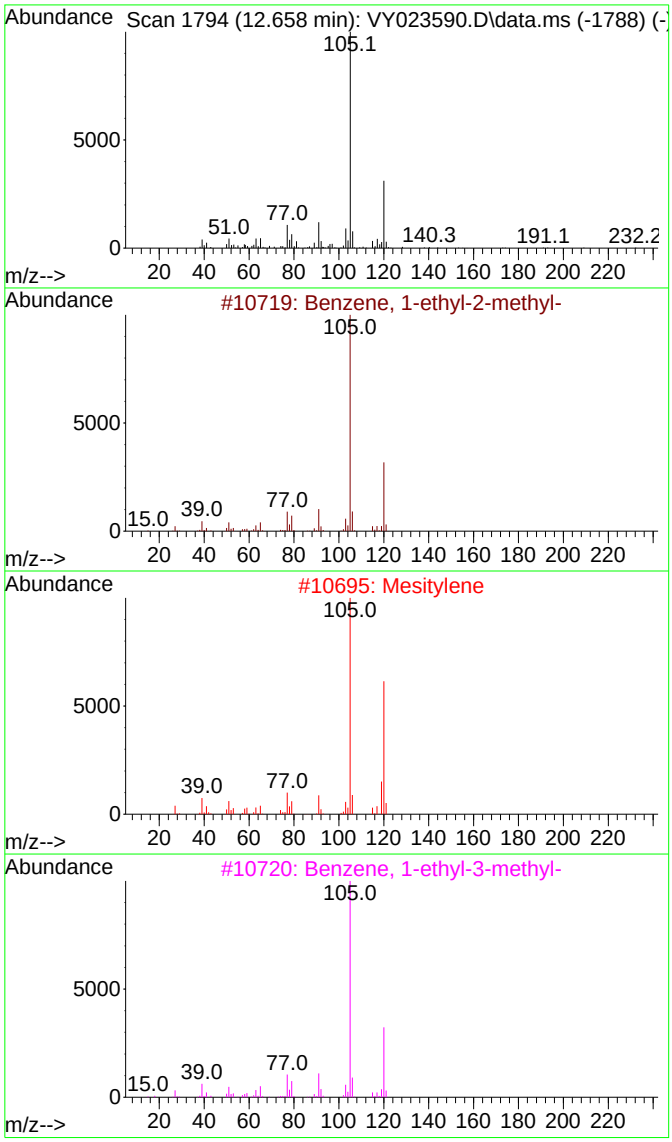
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

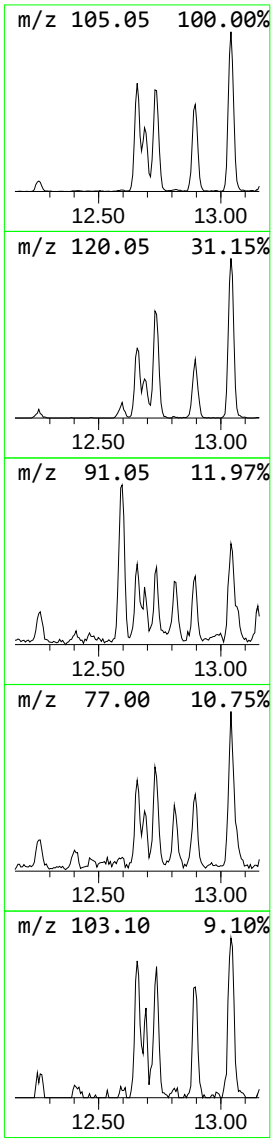
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.658	5.73 ug/l	121619	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023590.D
Acq On : 27 Oct 2025 11:43
Operator : SY/MD
Sample : Q3465-01
Misc : 5.19g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-10242025

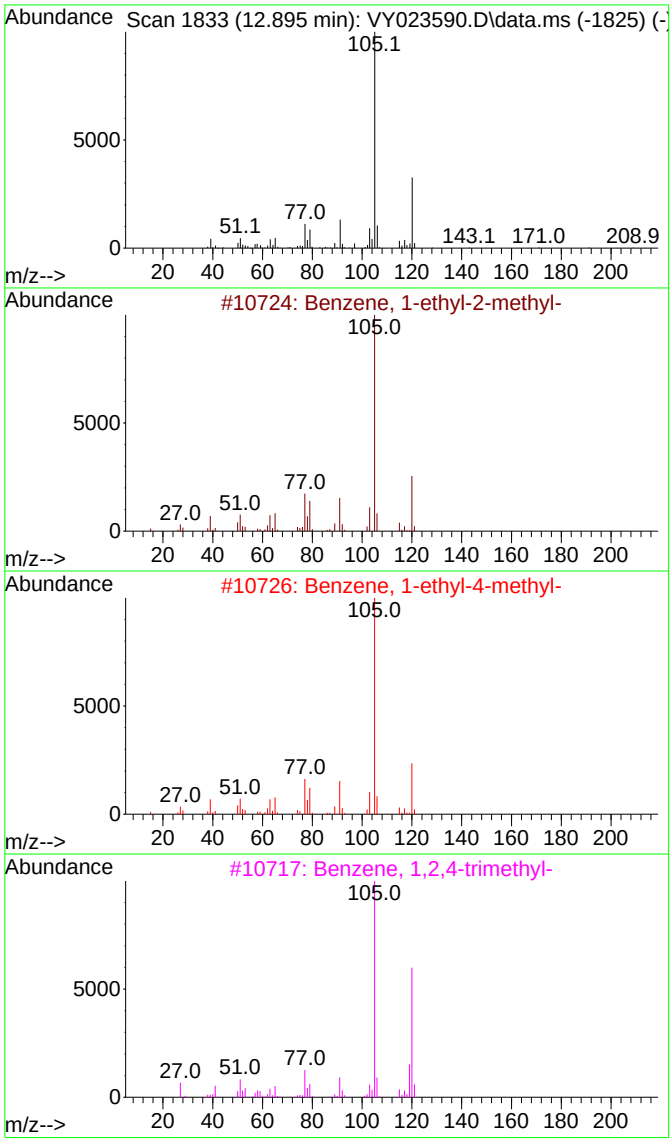
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

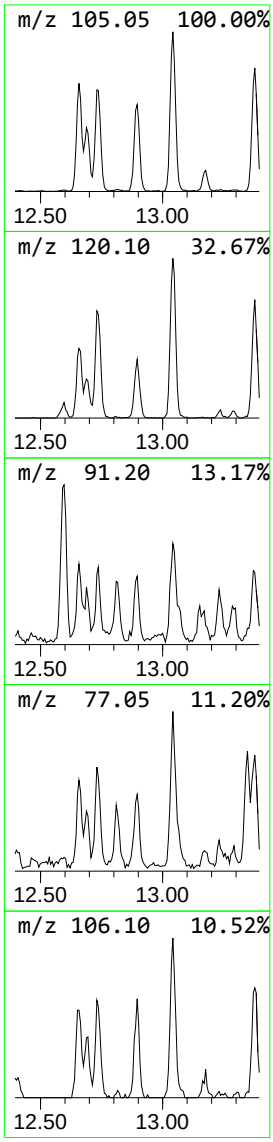
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.895	5.07 ug/l	107641	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
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\VY102725\
Data File : VY023590.D
Acq On : 27 Oct 2025 11:43
Operator : SY/MD
Sample : Q3465-01
Misc : 5.19g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-10242025

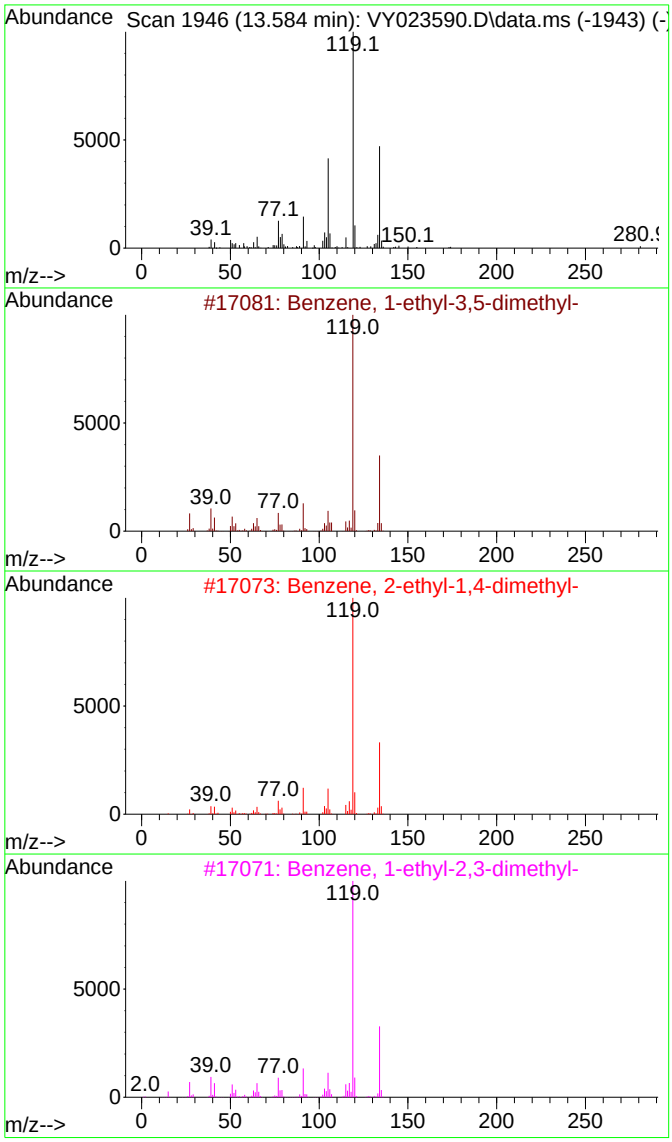
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

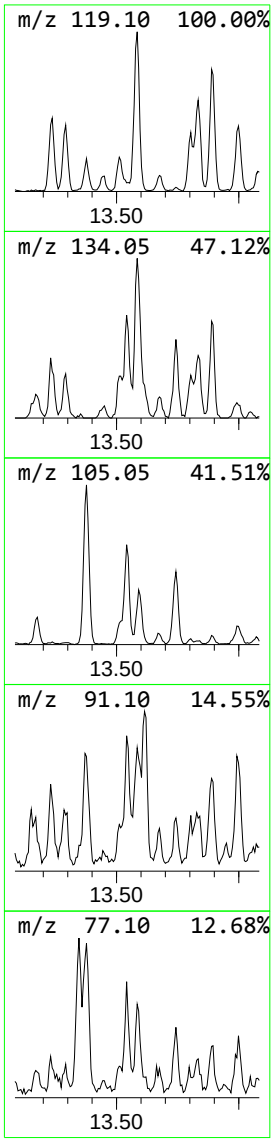
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.584	5.78 ug/l	122861	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	86
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023590.D
Acq On : 27 Oct 2025 11:43
Operator : SY/MD
Sample : Q3465-01
Misc : 5.19g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-10242025

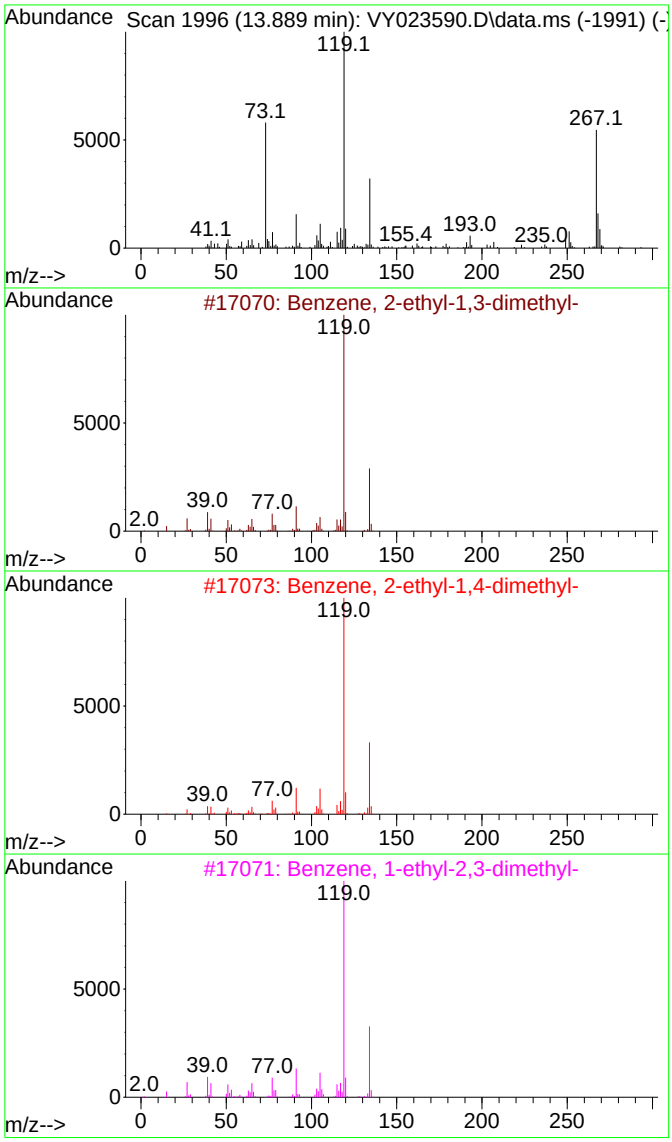
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

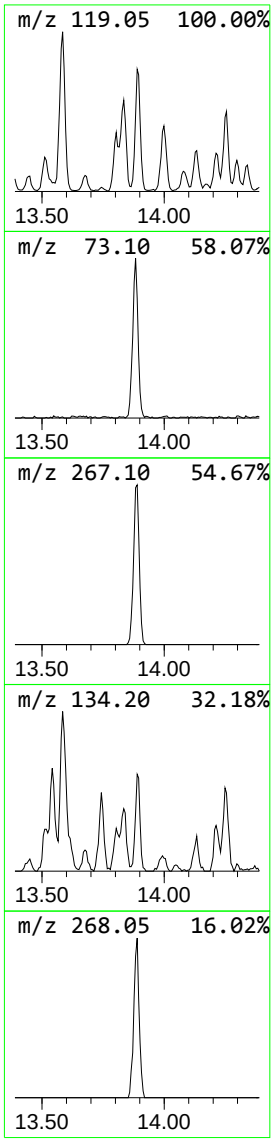
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	6.11 ug/l	129696	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	78
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	78
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	60





Tentatively Identified Compound (LSC) summary

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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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
Benzene, 1-ethy...	12.658	5.7	ug/l	121619	4	13.346	1062160	50.0
Benzene, 1-ethy...	12.895	5.1	ug/l	107641	4	13.346	1062160	50.0
Benzene, 1-ethy...	13.584	5.8	ug/l	122861	4	13.346	1062160	50.0
Benzene, 2-ethy...	13.889	6.1	ug/l	129696	4	13.346	1062160	50.0