LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047089.D
Acq On : 23 Jul 2025 14:28
Operator : JC/MD
Sample : Q2660-03 20X
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

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_X\Method\82X072125W.M
Title : SW846 8260

Signal : TIC: VX047089.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.397	694	707	721	rBV2	250059	787334	32.63%	2.883%
2	5.562	723	734	754	rVB	439135	1392158	57.69%	5.097%
3	5.830	770	778	790	rVB6	8234	27626	1.14%	0.101%
4	5.964	790	800	822	rBV	278156	797686	33.06%	2.921%
5	6.769	922	932	959	rBV	749957	1944610	80.58%	7.120%
6	8.647	1234	1240	1248	rBV	1451492	2370339	98.23%	8.679%
7	8.720	1248	1252	1263	rVB	140283	238224	9.87%	0.872%
8	10.055	1465	1471	1488	rBV	1667616	2413155	100.00%	8.836%
9	11.079	1634	1639	1653	rBV	1344626	1688798	69.98%	6.183%
10	11.750	1745	1749	1755	rBV	18674	27827	1.15%	0.102%
11	12.018	1788	1793	1800	rBV	1931732	2351930	97.46%	8.611%
12	12.085	1800	1804	1810	rVB	204073	249055	10.32%	0.912%
13	12.268	1825	1834	1837	rBV2	194830	328517	13.61%	1.203%
14	12.317	1837	1842	1852	rVB4	386597	620946	25.73%	2.274%
15	12.402	1852	1856	1861	rBV5	17082	25538	1.06%	0.094%
16	12.463	1861	1866	1872	rVB	159427	202805	8.40%	0.743%
17	12.530	1872	1877	1878	rBV	525502	598535	24.80%	2.191%
18	12.549	1878	1880	1885	rVB	576978	709915	29.42%	2.599%
19	12.610	1885	1890	1900	rVB	1319243	1545085	64.03%	5.657%
20	12.713	1900	1907	1915	rBV3	163100	295832	12.26%	1.083%
21	12.792	1915	1920	1922	rBV2	26795	37472	1.55%	0.137%
22	12.847	1925	1929	1934	rVB	294404	360420	14.94%	1.320%
23	12.921	1934	1941	1944	rBV	480064	606784	25.14%	2.222%
24	12.957	1944	1947	1954	rVB	1202410	1514628	62.77%	5.546%
25	13.018	1954	1957	1959	rBV	69573	79857	3.31%	0.292%
26	13.042	1959	1961	1963	rVV	57420	57903	2.40%	0.212%
27	13.067	1963	1965	1968	rVB	92085	85739	3.55%	0.314%
28	13.164	1975	1981	1985	rBV3	261046	361057	14.96%	1.322%
29	13.207	1985	1988	1991	rVV2	54442	61373	2.54%	0.225%
30	13.250	1991	1995	1997	rVV2	125450	177596	7.36%	0.650%
31	13.286	1997	2001	2011	rVV2	860103	1291058	53.50%	4.727%
32	13.366	2011	2014	2018	rVV	91159	111069	4.60%	0.407%
33	13.420	2018	2023	2030	rVB	161168	244566	10.13%	0.895%
34	13.500	2032	2036	2040	rBV5	20243	29769	1.23%	0.109%
35	13.579	2045	2049	2055	rBV3	75442	146640	6.08%	0.537%
36	13.670	2060	2064	2068	rBV4	30926	44414	1.84%	0.163%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047089.D
Acq On : 23 Jul 2025 14:28
Operator : JC/MD
Sample : Q2660-03 20X
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

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_X\Method\82X072125W.M
Title : SW846 8260

37	13.774	2076	2081	2084	rBV	70822	107629	4.46%	0.394%
38	13.847	2089	2093	2100	rBV6	25124	50854	2.11%	0.186%
39	13.914	2100	2104	2109	rBV8	15615	30935	1.28%	0.113%
40	14.061	2125	2128	2132	rBV5	23866	34248	1.42%	0.125%
41	14.164	2142	2145	2149	rBV5	17211	29715	1.23%	0.109%
42	14.219	2149	2154	2160	rBV3	62907	124225	5.15%	0.455%
43	14.439	2187	2190	2193	rVB2	43481	46421	1.92%	0.170%
44	14.481	2193	2197	2204	rBV6	63142	136635	5.66%	0.500%
45	14.548	2205	2208	2210	rBV4	41755	55166	2.29%	0.202%
46	14.615	2215	2219	2224	rBV	160372	274158	11.36%	1.004%
47	14.670	2224	2228	2231	rVV	103555	123939	5.14%	0.454%
48	14.749	2238	2241	2244	rBV4	67749	82393	3.41%	0.302%
49	14.786	2244	2247	2250	rVV5	65406	81214	3.37%	0.297%
50	14.841	2254	2256	2263	rVB5	99637	139561	5.78%	0.511%
51	15.036	2285	2288	2292	rVB4	71648	101881	4.22%	0.373%
52	15.176	2307	2311	2314	rBV3	143456	229484	9.51%	0.840%
53	15.371	2340	2343	2346	rBV3	109640	152495	6.32%	0.558%
54	15.414	2346	2350	2357	rVB3	157654	264187	10.95%	0.967%
55	15.487	2358	2362	2363	rBV3	77636	117796	4.88%	0.431%
56	16.085	2455	2460	2472	rVB	736309	1302665	53.98%	4.770%

Sum of corrected areas: 27311861

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047089.D
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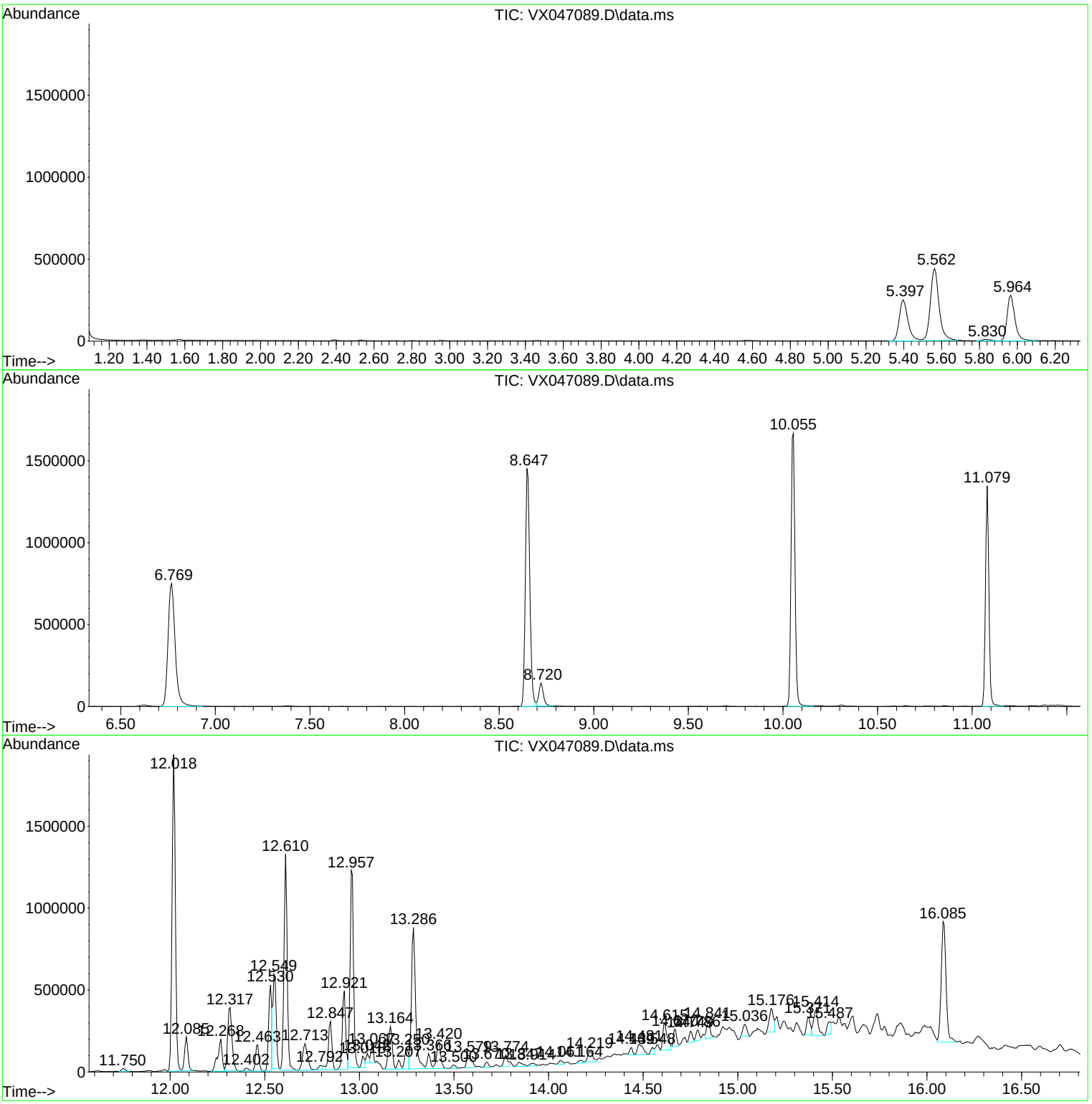
Operator : JC/MD
Sample : Q2660-03 20X
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047089.D
Acq On : 23 Jul 2025 14:28
Operator : JC/MD
Sample : Q2660-03 20X
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

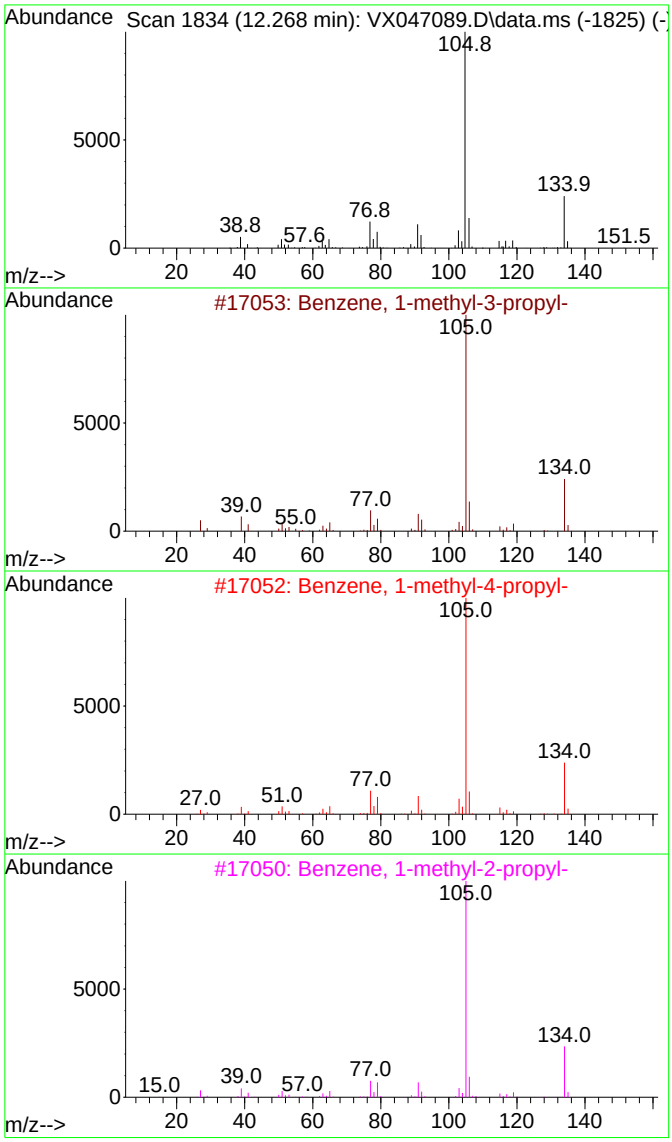
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260

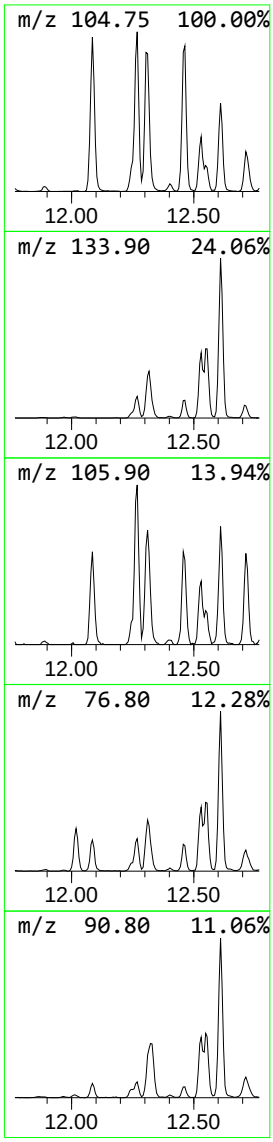
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-methyl-3-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.268	6.98 ug/l	328517	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	95
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047089.D
Acq On : 23 Jul 2025 14:28
Operator : JC/MD
Sample : Q2660-03 20X
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

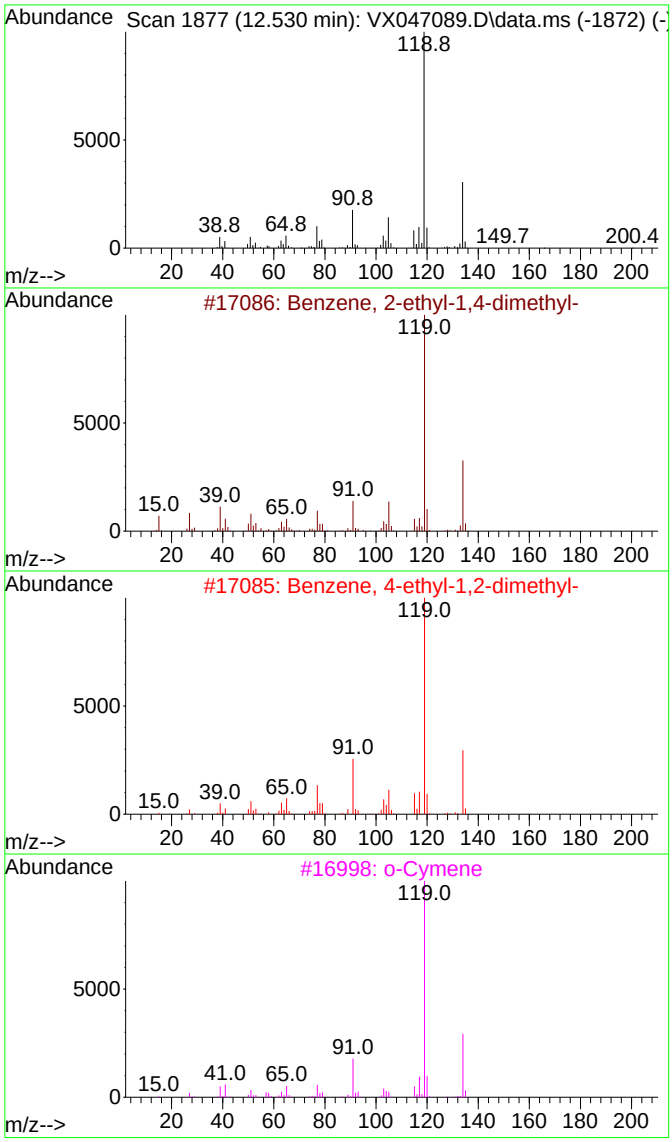
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260

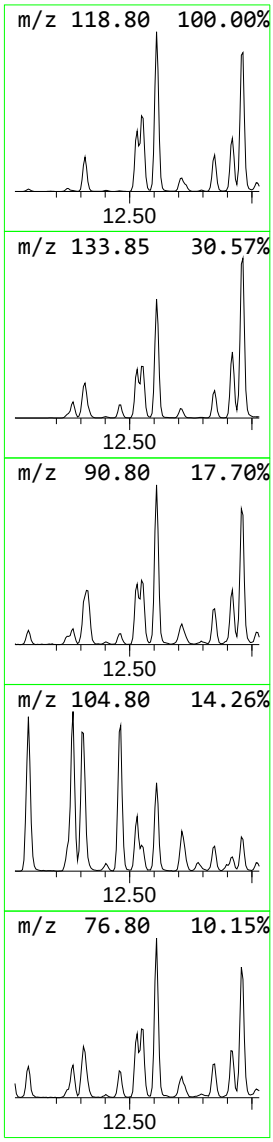
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.530	12.72 ug/l	598535	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047089.D
Acq On : 23 Jul 2025 14:28
Operator : JC/MD
Sample : Q2660-03 20X
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260

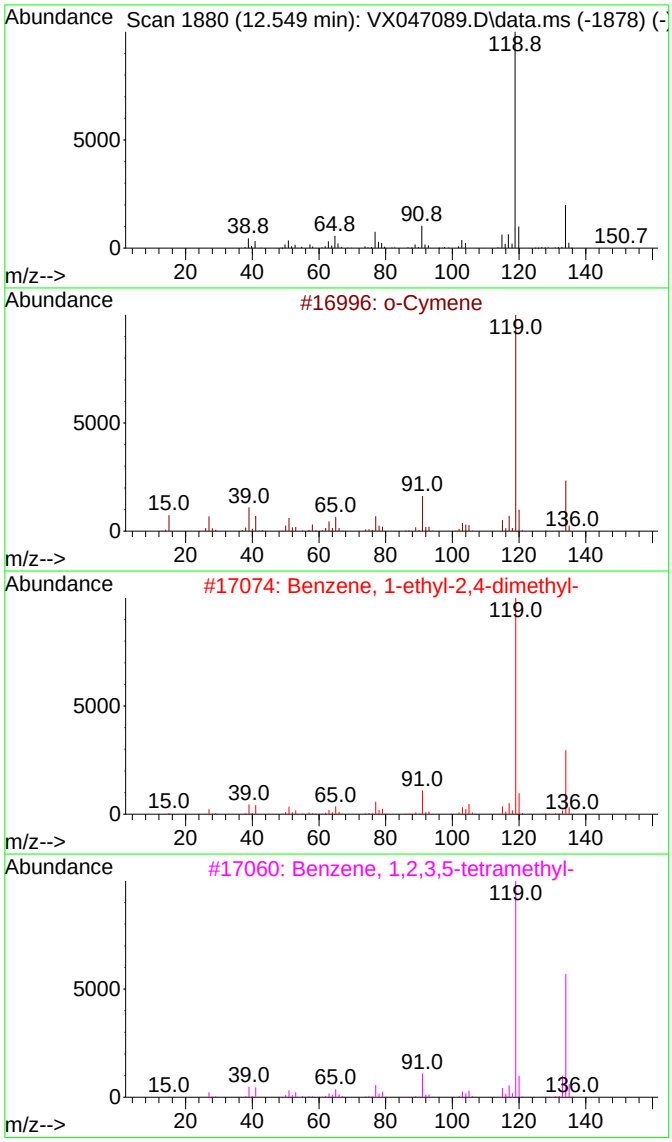
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

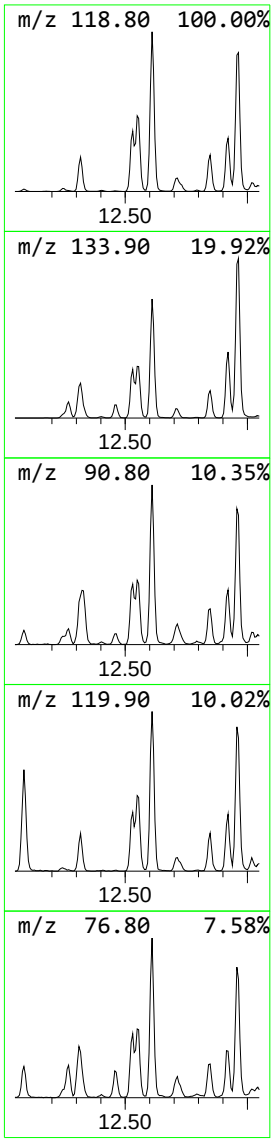
****

Peak Number 3 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.549	15.09 ug/l	709915	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047089.D
Acq On : 23 Jul 2025 14:28
Operator : JC/MD
Sample : Q2660-03 20X
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

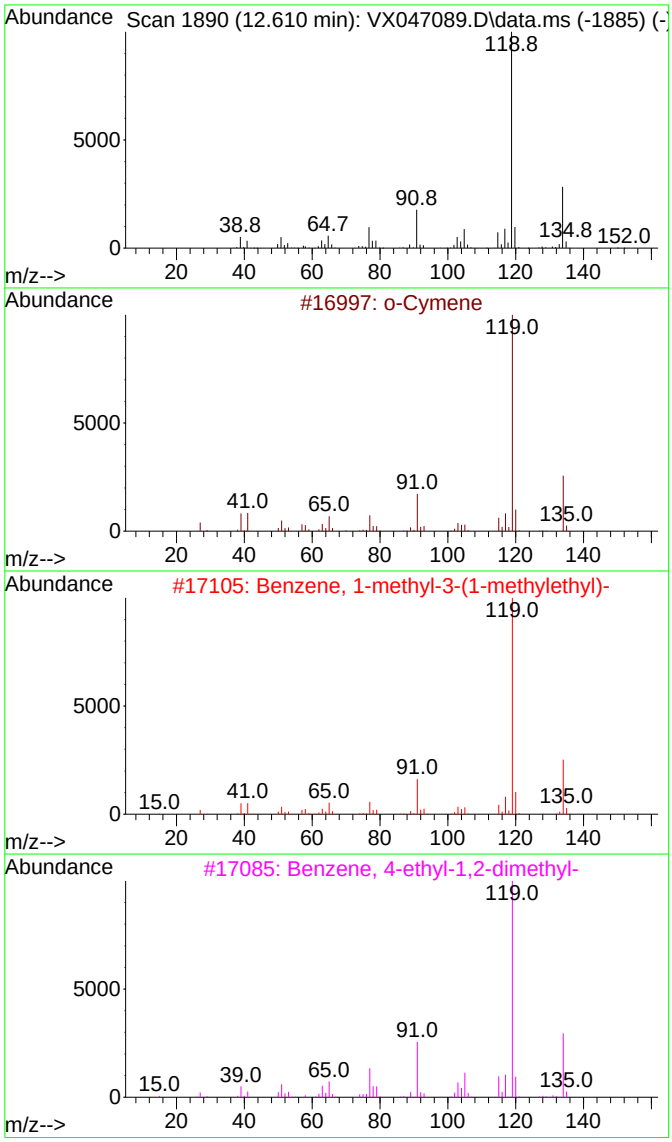
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260

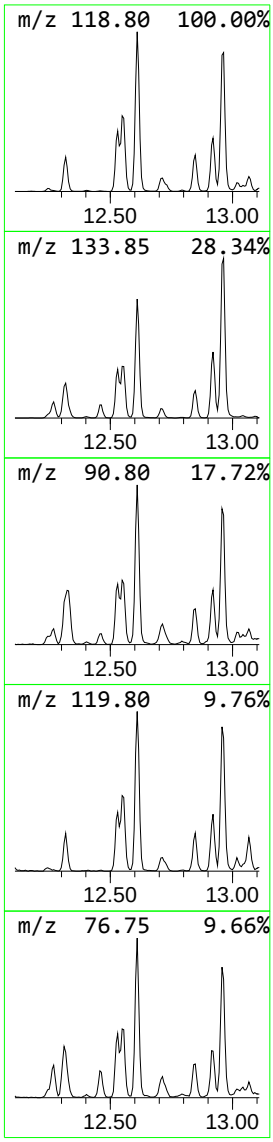
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	32.85 ug/l	1545090	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047089.D
Acq On : 23 Jul 2025 14:28
Operator : JC/MD
Sample : Q2660-03 20X
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

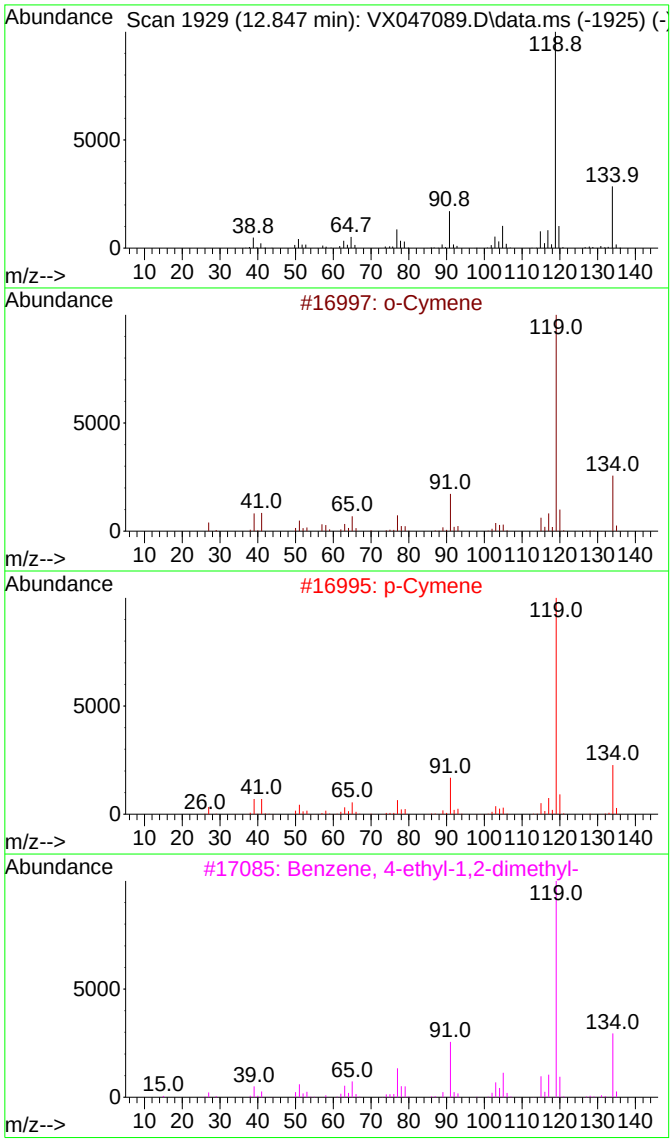
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260

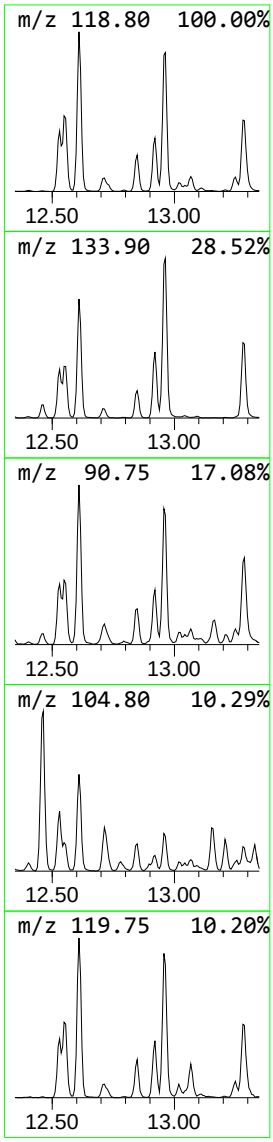
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.847	7.66 ug/l	360420	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	p-Cymene	134	C10H14	000099-87-6	93
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047089.D
Acq On : 23 Jul 2025 14:28
Operator : JC/MD
Sample : Q2660-03 20X
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

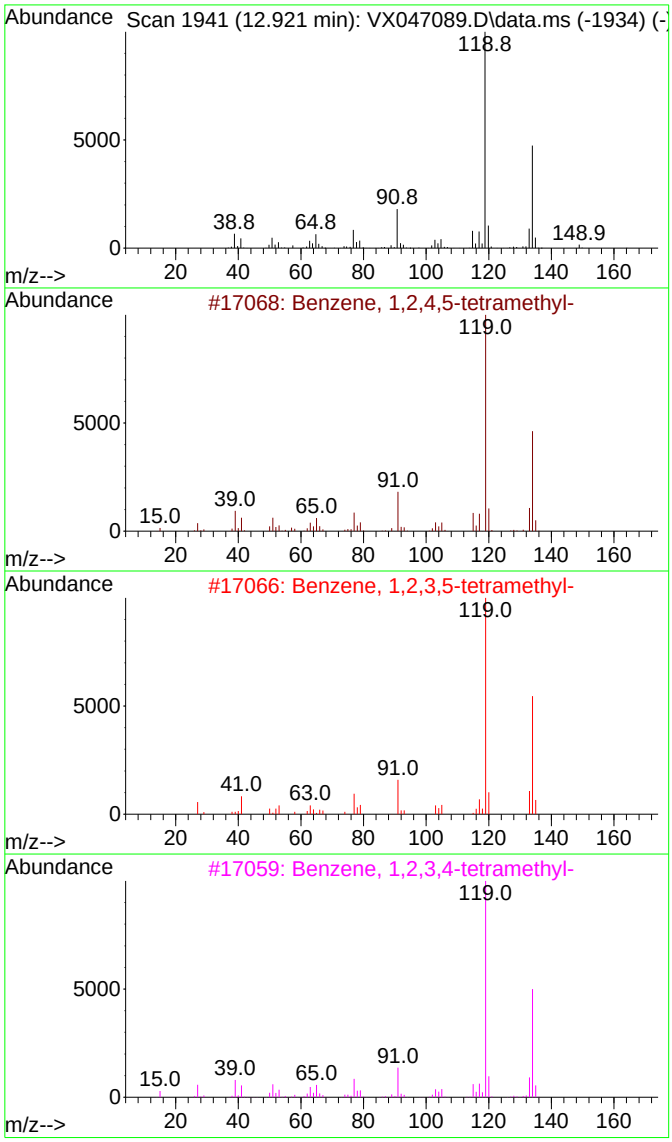
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260

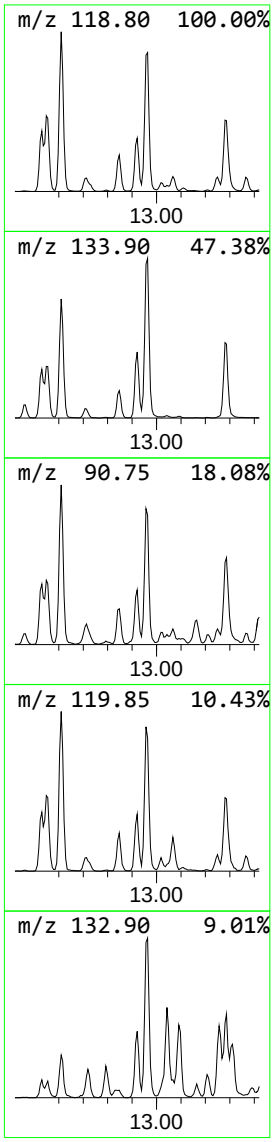
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	12.90 ug/l	606784	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047089.D
Acq On : 23 Jul 2025 14:28
Operator : JC/MD
Sample : Q2660-03 20X
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

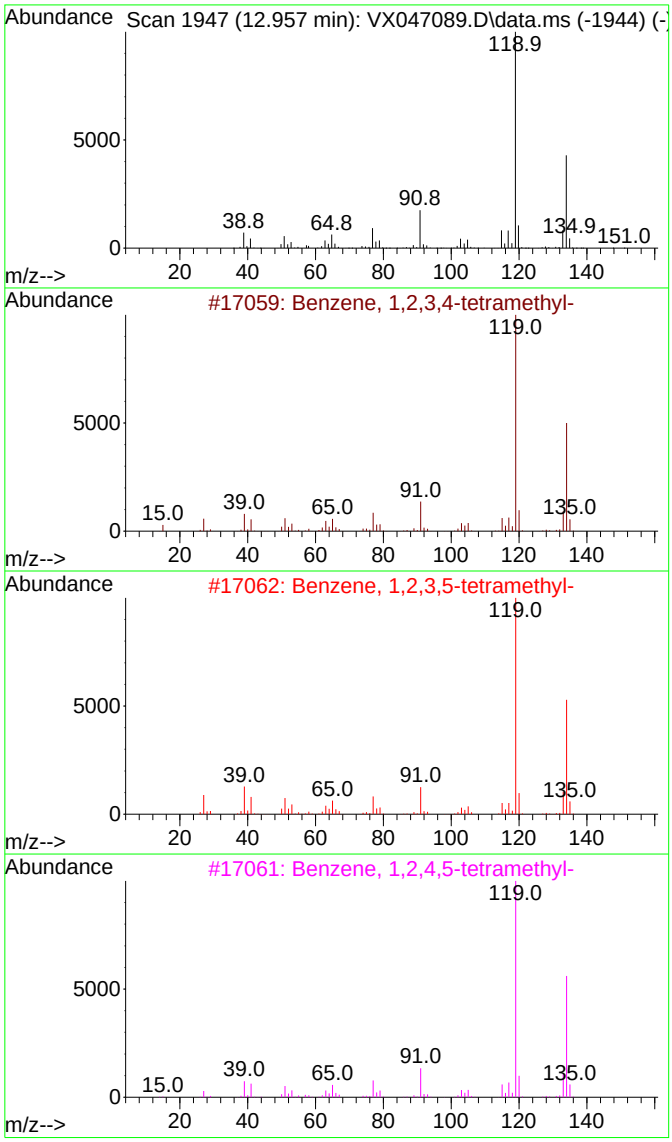
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260

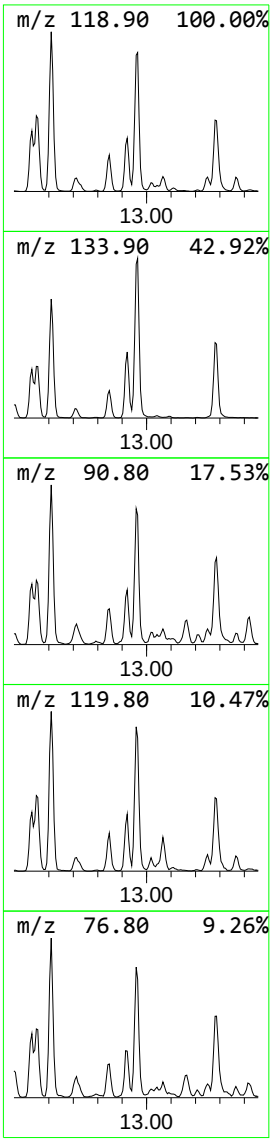
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.957	32.20 ug/l	1514630	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047089.D
Acq On : 23 Jul 2025 14:28
Operator : JC/MD
Sample : Q2660-03 20X
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

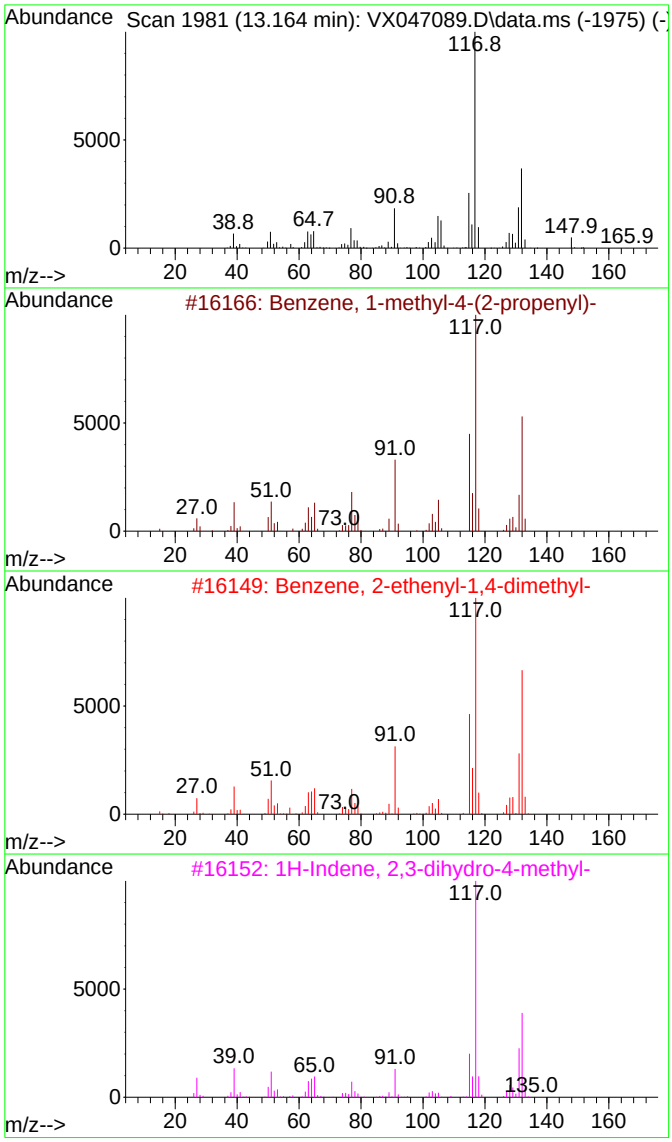
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260

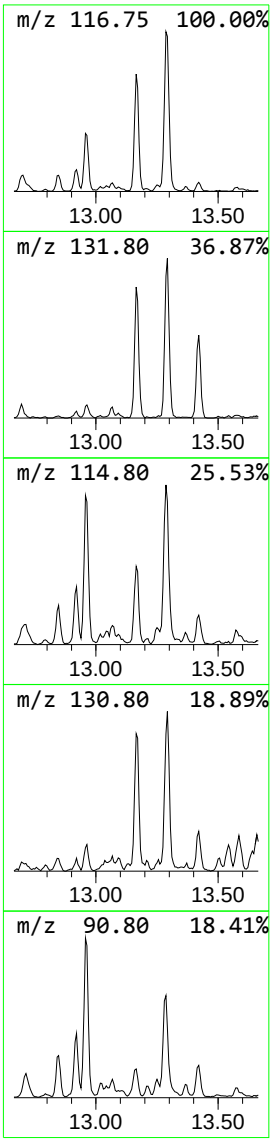
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-methyl-4-(2-prop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	7.68 ug/l	361057	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	92
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047089.D
Acq On : 23 Jul 2025 14:28
Operator : JC/MD
Sample : Q2660-03 20X
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

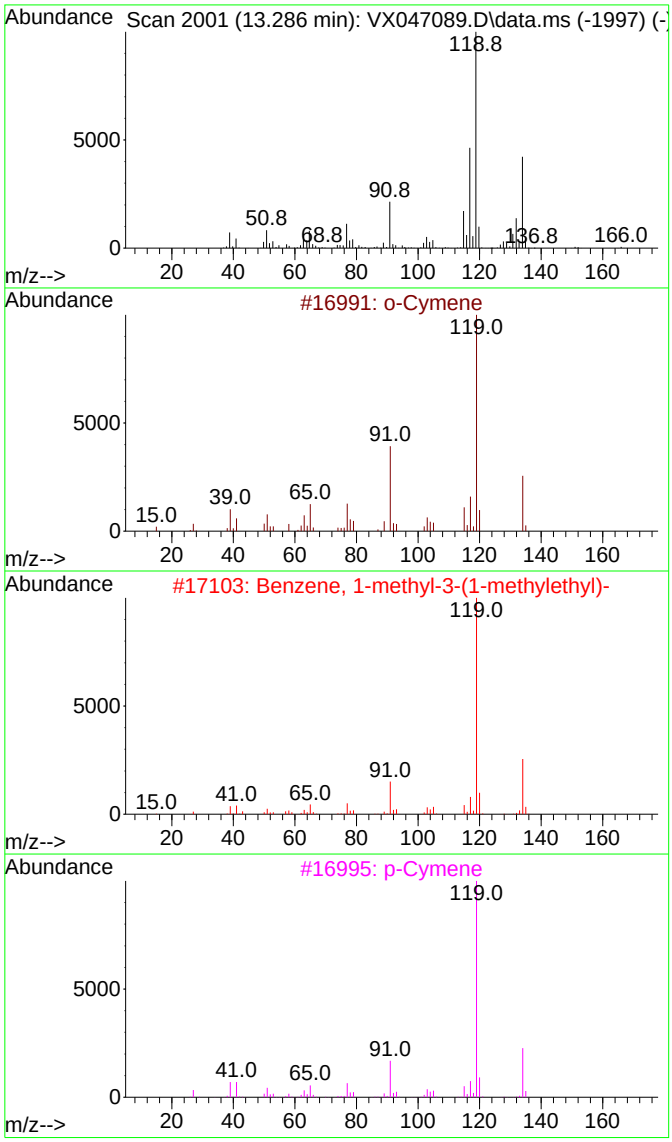
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260

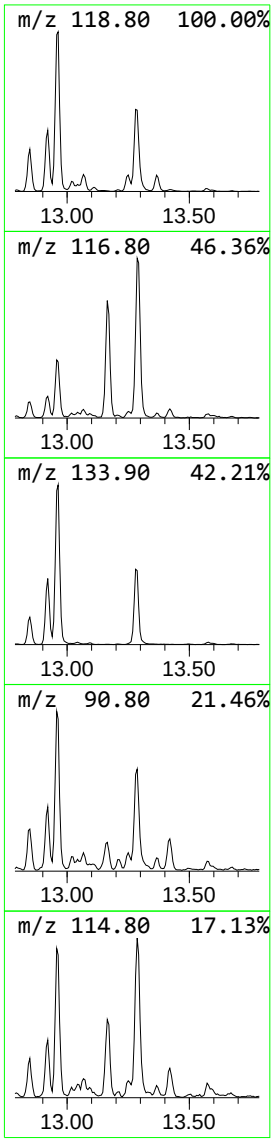
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	27.45 ug/l	1291060	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	76
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
3	p-Cymene	134	C10H14	000099-87-6	70
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047089.D
Acq On : 23 Jul 2025 14:28
Operator : JC/MD
Sample : Q2660-03 20X
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

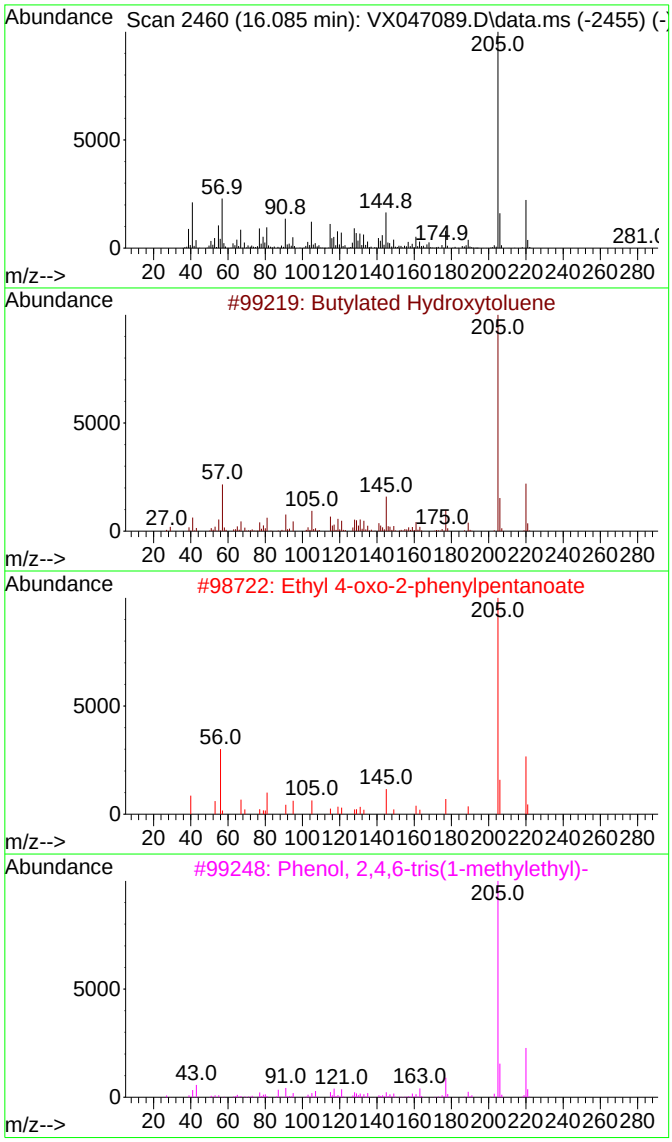
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260

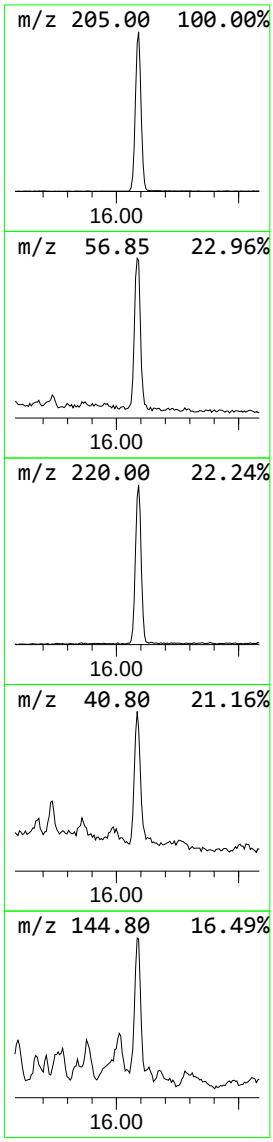
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Butylated Hydroxytoluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.085	27.69 ug/l	1302670	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2	Ethyl 4-oxo-2-phenylpentanoate	220	C13H16O3	1000427-11-2	90
3	Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	87
4	4,6-di-tert-Butyl-m-cresol	220	C15H24O	000497-39-2	74
5	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047089.D
Acq On : 23 Jul 2025 14:28
Operator : JC/MD
Sample : Q2660-03 20X
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0218

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.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-meth...	12.268	7.0	ug/l	328517	4	12.018	2351930	50.0
Benzene, 2-ethy...	12.530	12.7	ug/l	598535	4	12.018	2351930	50.0
o-Cymene	12.549	15.1	ug/l	709915	4	12.018	2351930	50.0
Benzene, 1-ethy...	12.610	32.9	ug/l	1545090	4	12.018	2351930	50.0
Benzene, 4-ethy...	12.847	7.7	ug/l	360420	4	12.018	2351930	50.0
Benzene, 1,2,4,...	12.921	12.9	ug/l	606784	4	12.018	2351930	50.0
Benzene, 1,2,3,...	12.957	32.2	ug/l	1514630	4	12.018	2351930	50.0
Benzene, 1-meth...	13.164	7.7	ug/l	361057	4	12.018	2351930	50.0
Benzene, 1-meth...	13.286	27.4	ug/l	1291060	4	12.018	2351930	50.0
Butylated Hydro...	16.085	27.7	ug/l	1302670	4	12.018	2351930	50.0