LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
Data File : VX045631.D
Acq On : 07 Apr 2025 16:08
Operator : JC/MD
Sample : Q1746-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B-158-GW01

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\82X040225W.M
Title : SW846 8260

Signal : TIC: VX045631.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.246	22	26	35	rBV3	2846	5693	1.35%	0.161%
2	1.447	56	59	66	rBV	7716	9607	2.27%	0.272%
3	1.581	69	81	82	rBV3	4797	11129	2.63%	0.315%
4	2.386	206	213	222	rBV	7182	12719	3.01%	0.360%
5	3.331	359	368	374	rBV4	2333	5844	1.38%	0.166%
6	5.087	645	656	671	rBV	40832	124395	29.42%	3.524%
7	5.379	692	704	720	rBV	51059	152838	36.15%	4.330%
8	5.544	722	731	742	rBV	69811	199402	47.16%	5.650%
9	5.952	789	798	815	rBV	60848	164489	38.91%	4.660%
10	6.757	921	930	944	rBV	123693	302729	71.60%	8.577%
11	7.818	1098	1104	1115	rBV	21838	42493	10.05%	1.204%
12	8.647	1233	1240	1246	rBV	269374	422784	100.00%	11.979%
13	8.714	1246	1251	1271	rVB	145252	240678	56.93%	6.819%
14	9.525	1377	1384	1398	rVB2	9829	17773	4.20%	0.504%
15	10.049	1465	1470	1480	rBV	267449	379650	89.80%	10.757%
16	11.079	1634	1639	1652	rBV	214049	277960	65.75%	7.875%
17	12.018	1788	1793	1801	rBV	262383	326602	77.25%	9.254%
18	12.085	1801	1804	1809	rVB2	4688	6636	1.57%	0.188%
19	12.219	1822	1826	1828	rBV3	4415	6582	1.56%	0.186%
20	12.250	1828	1831	1832	rVV2	6868	9337	2.21%	0.265%
21	12.268	1832	1834	1837	rVV	11914	12867	3.04%	0.365%
22	12.317	1837	1842	1851	rVB2	26410	39932	9.45%	1.131%
23	12.463	1862	1866	1871	rVB	10048	12378	2.93%	0.351%
24	12.530	1873	1877	1879	rBV	28111	36552	8.65%	1.036%
25	12.555	1879	1881	1886	rVV	28640	30734	7.27%	0.871%
26	12.610	1886	1890	1900	rVB	60696	77674	18.37%	2.201%
27	12.719	1901	1908	1914	rVB4	10945	22770	5.39%	0.645%
28	12.792	1914	1920	1924	rVB3	3427	4887	1.16%	0.138%
29	12.847	1924	1929	1934	rBV	20214	26694	6.31%	0.756%
30	12.921	1934	1941	1944	rBV	59716	72402	17.13%	2.051%
31	12.963	1944	1948	1954	rVB	90258	114576	27.10%	3.246%
32	13.024	1954	1958	1959	rBV2	7361	8673	2.05%	0.246%
33	13.042	1959	1961	1963	rVV2	9210	9576	2.26%	0.271%
34	13.067	1963	1965	1968	rVB	9176	9352	2.21%	0.265%
35	13.164	1975	1981	1986	rBV2	23535	32654	7.72%	0.925%
36	13.207	1986	1988	1991	rVB2	3996	4267	1.01%	0.121%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
Data File : VX045631.D
Acq On : 07 Apr 2025 16:08
Operator : JC/MD
Sample : Q1746-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B-158-GW01

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\82X040225W.M
Title : SW846 8260

37	13.256	1991	1996	1998	rBV2	12464	18961	4.48%	0.537%
38	13.286	1998	2001	2011	rVB2	64441	104214	24.65%	2.953%
39	13.372	2011	2015	2020	rVB	11552	15102	3.57%	0.428%
40	13.500	2032	2036	2040	rBV3	3504	4884	1.16%	0.138%
41	13.573	2044	2048	2051	rBV2	20951	30480	7.21%	0.864%
42	13.676	2060	2065	2070	rBV	12814	16137	3.82%	0.457%
43	13.774	2073	2081	2089	rVB	40857	58892	13.93%	1.669%
44	13.926	2099	2106	2110	rBV2	5101	7770	1.84%	0.220%
45	14.073	2127	2130	2135	rVB	6983	8132	1.92%	0.230%
46	14.213	2146	2153	2159	rBV2	5446	7969	1.88%	0.226%
47	14.317	2166	2170	2175	rBV	8270	10422	2.47%	0.295%
48	14.640	2219	2223	2228	rBV	4637	6758	1.60%	0.191%
49	14.780	2240	2246	2252	rBV3	2801	4403	1.04%	0.125%

Sum of corrected areas: 3529452

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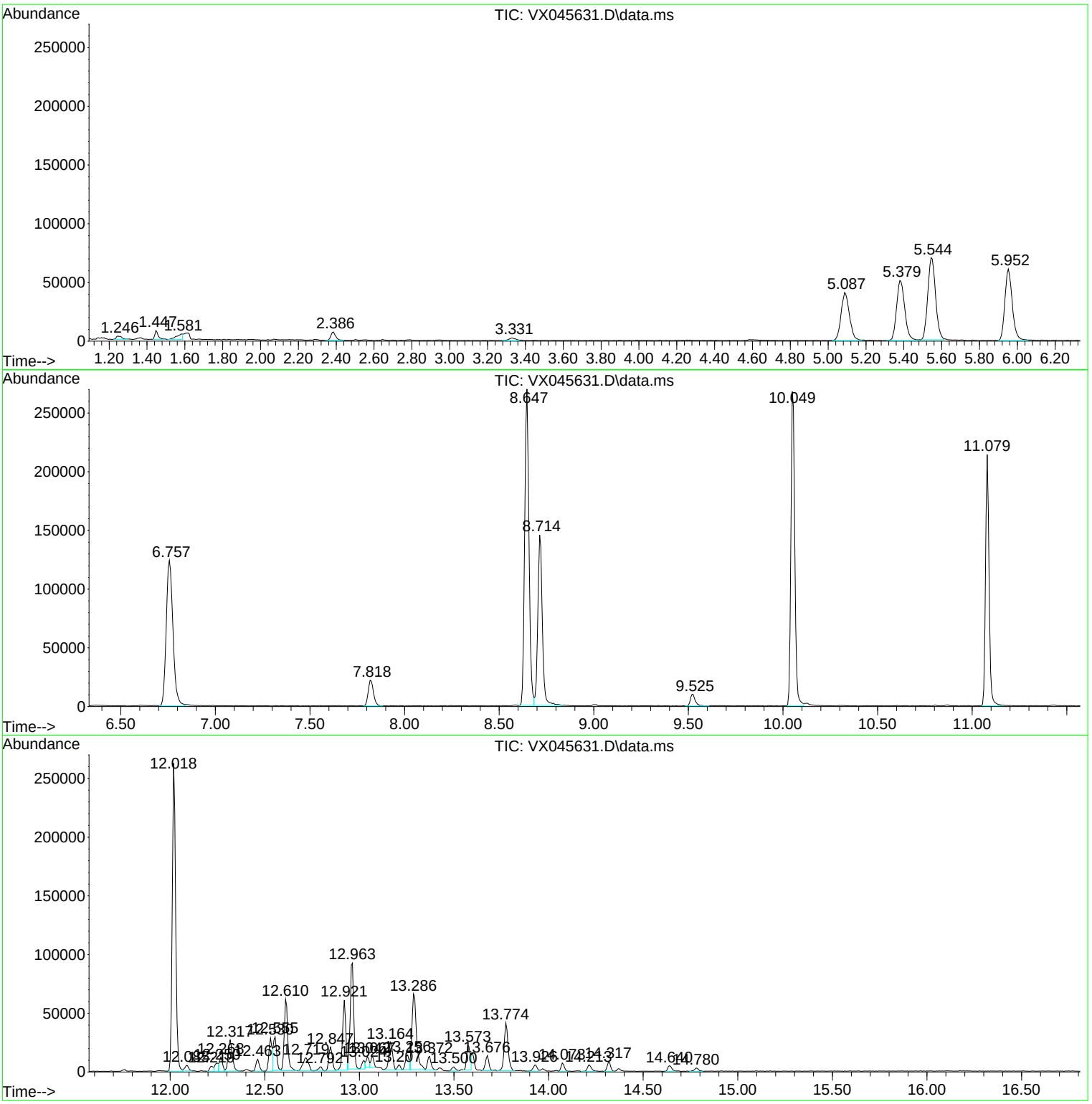
Instrument :
MSVOA_X
ClientSampleId :
B-158-GW01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
Data File : VX045631.D
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Operator : JC/MD
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B-158-GW01

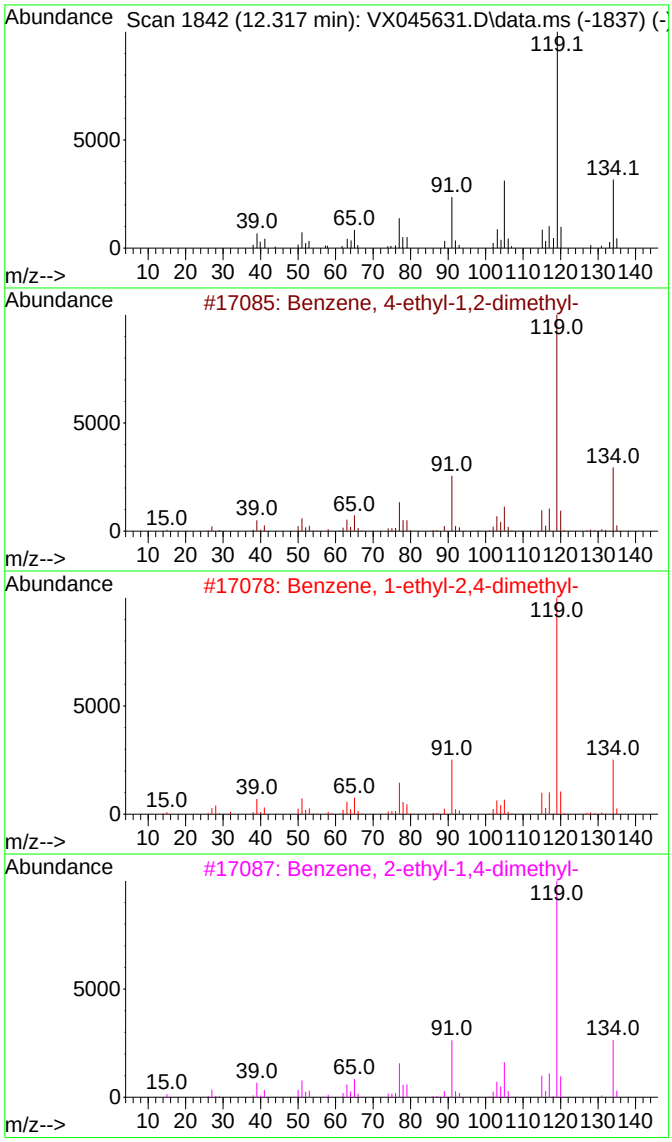
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

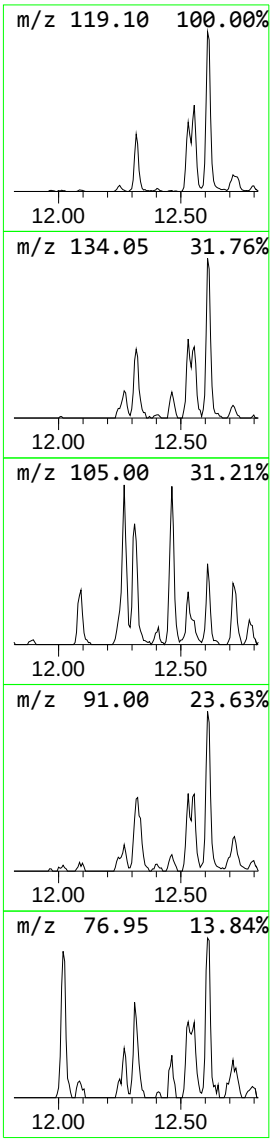
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.317	6.11 ug/l	39932	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
Data File : VX045631.D
Acq On : 07 Apr 2025 16:08
Operator : JC/MD
Sample : Q1746-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B-158-GW01

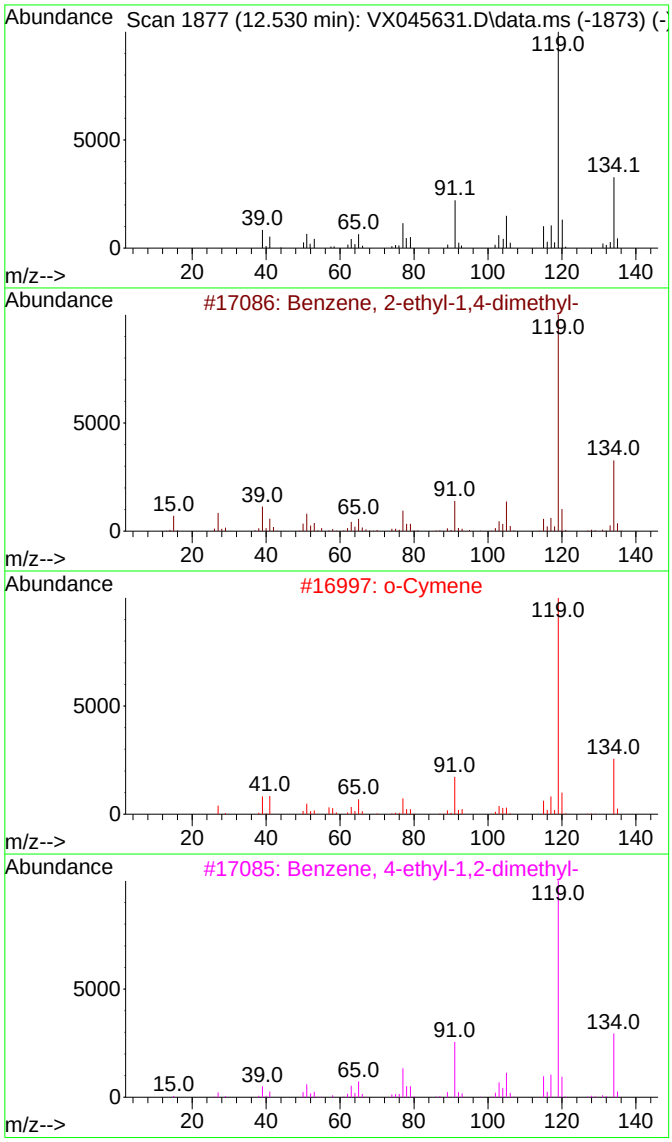
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

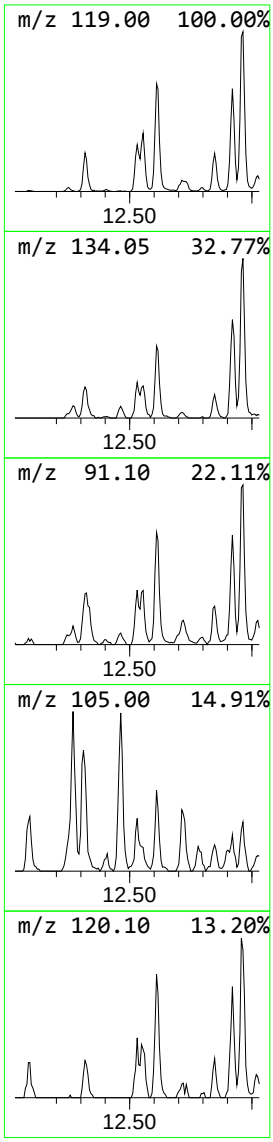
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.530	5.60 ug/l	36552	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	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





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Acq On : 07 Apr 2025 16:08
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B-158-GW01

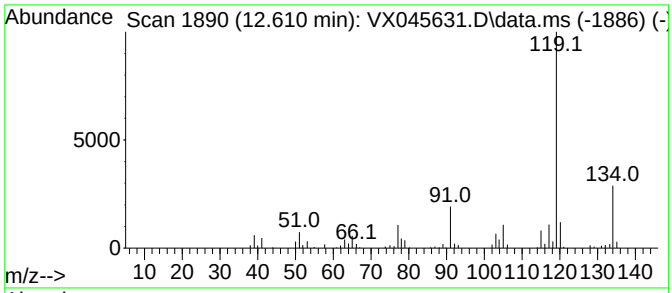
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

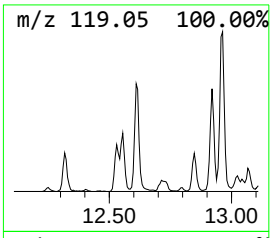
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

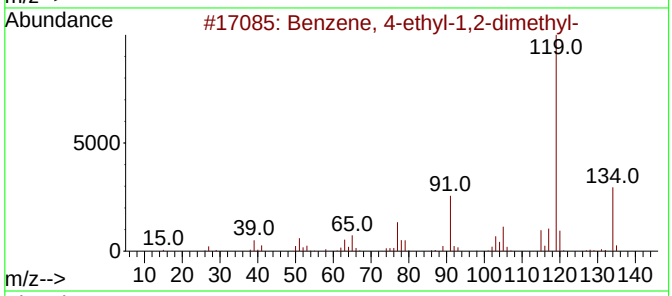
****
Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 3

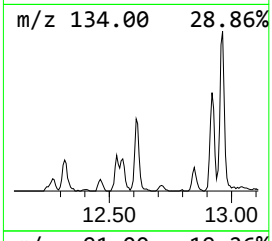
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	11.89 ug/l	77674	1,4-Dichlorobenzene-d4	12.018

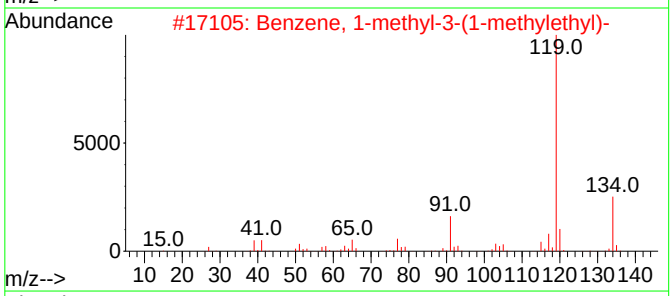
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95

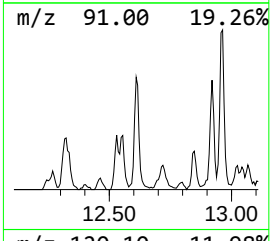


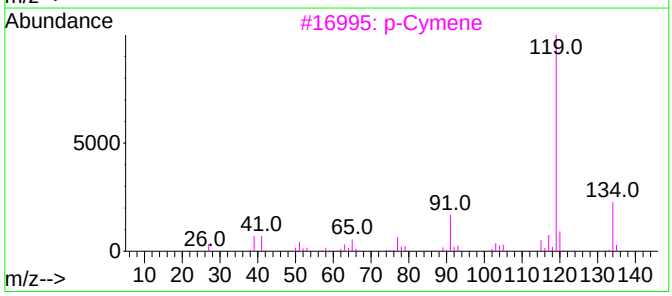


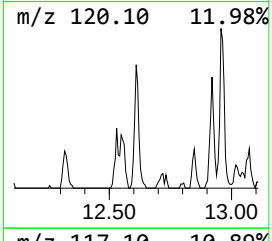


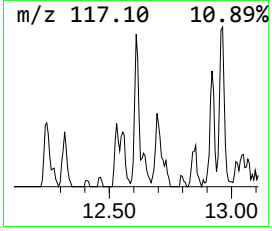












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Data File : VX045631.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B-158-GW01

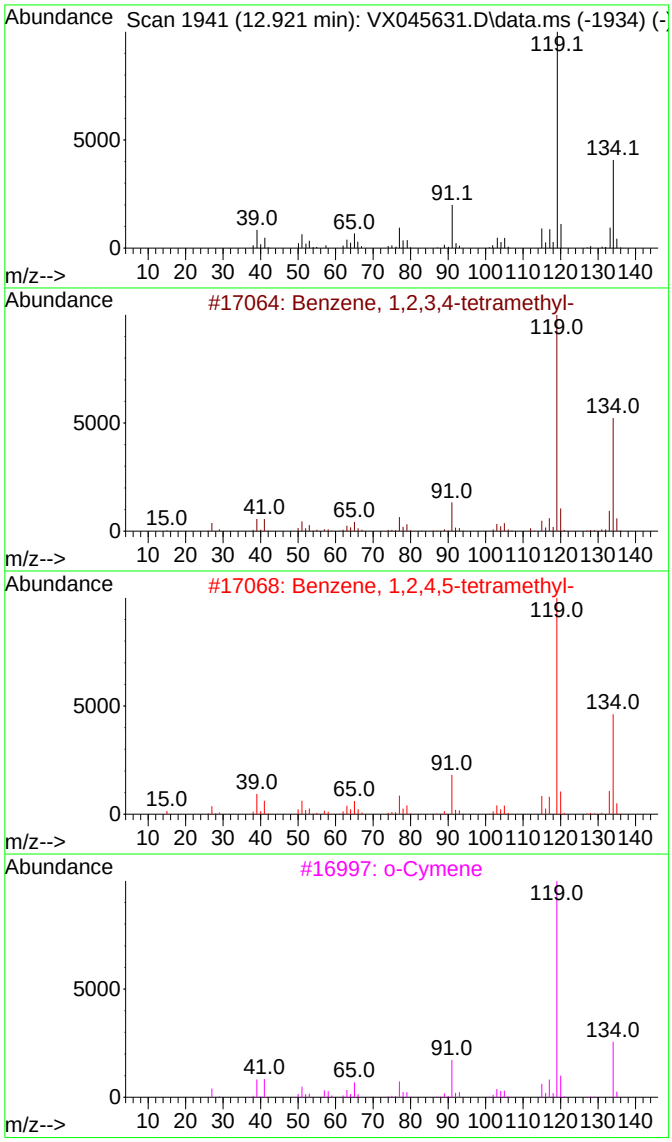
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

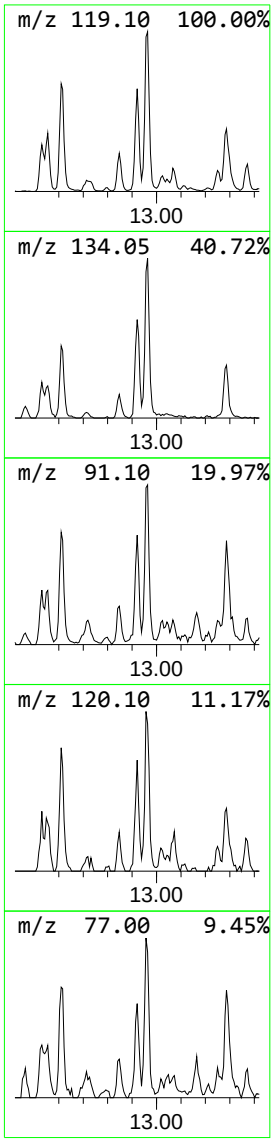
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	11.08 ug/l	72402	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	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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Operator : JC/MD
Sample : Q1746-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B-158-GW01

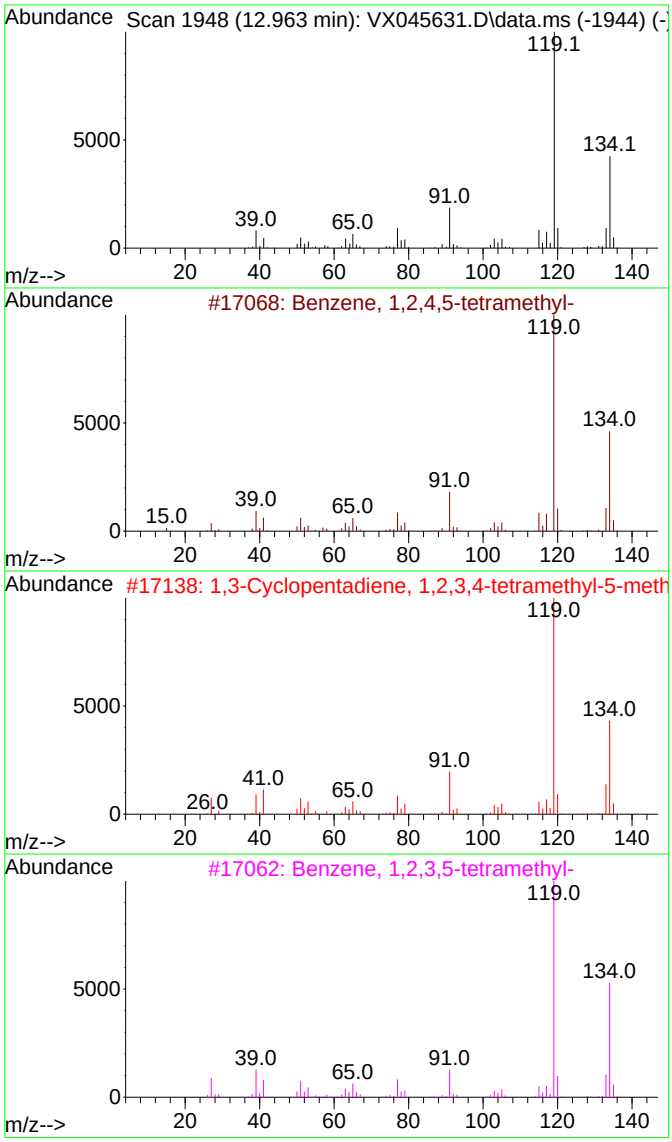
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

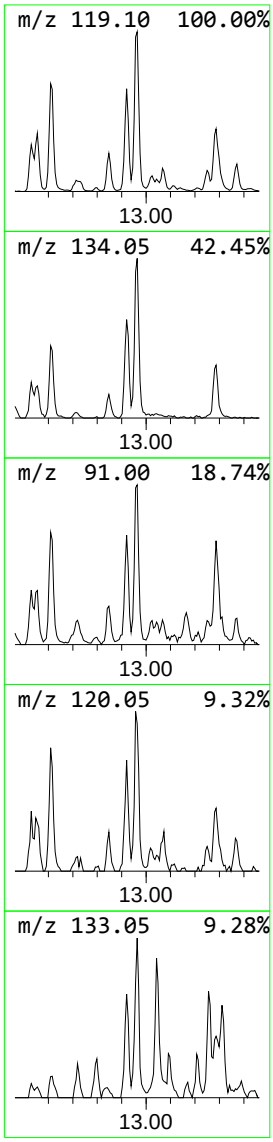
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	17.54 ug/l	114576	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	96
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	o-Cymene	134	C10H14	000527-84-4	95





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B-158-GW01

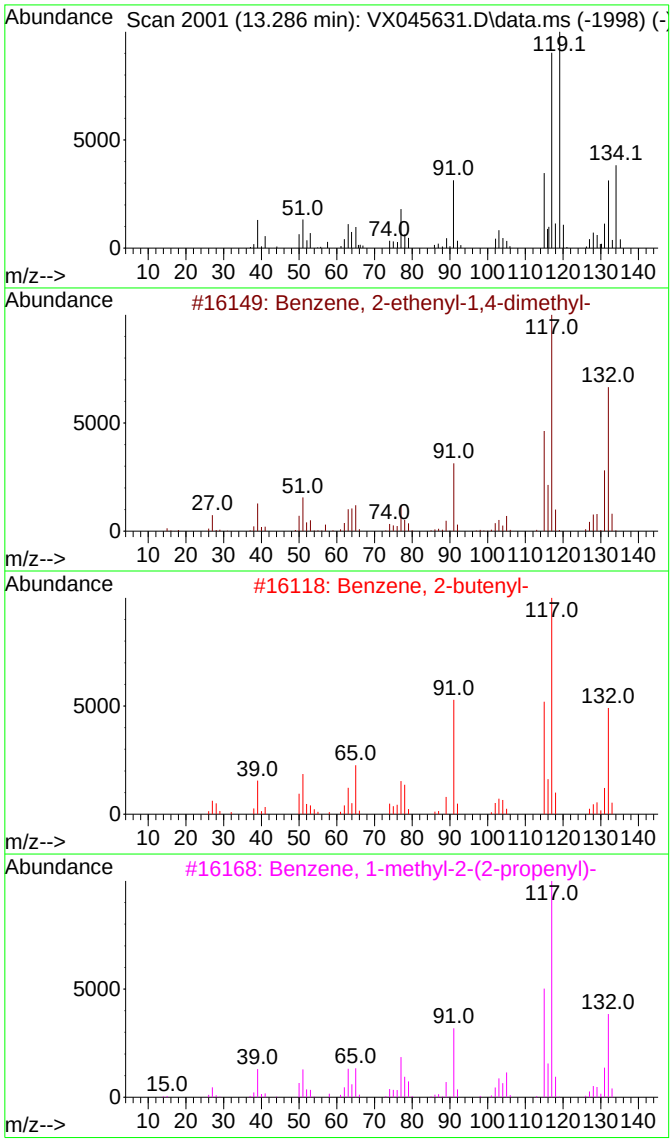
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

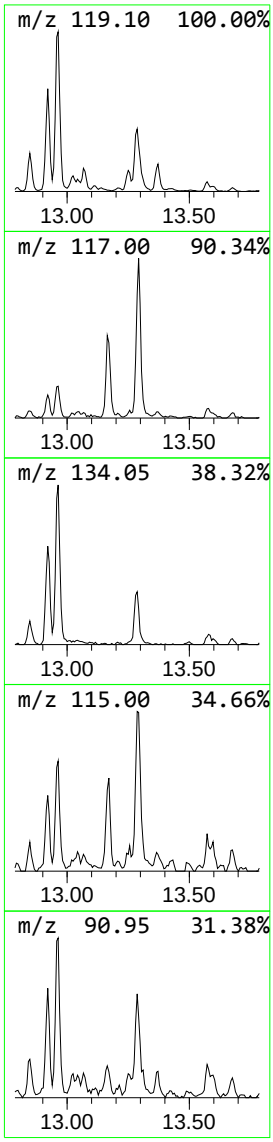
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	15.95 ug/l	104214	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
Data File : VX045631.D
Acq On : 07 Apr 2025 16:08
Operator : JC/MD
Sample : Q1746-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B-158-GW01

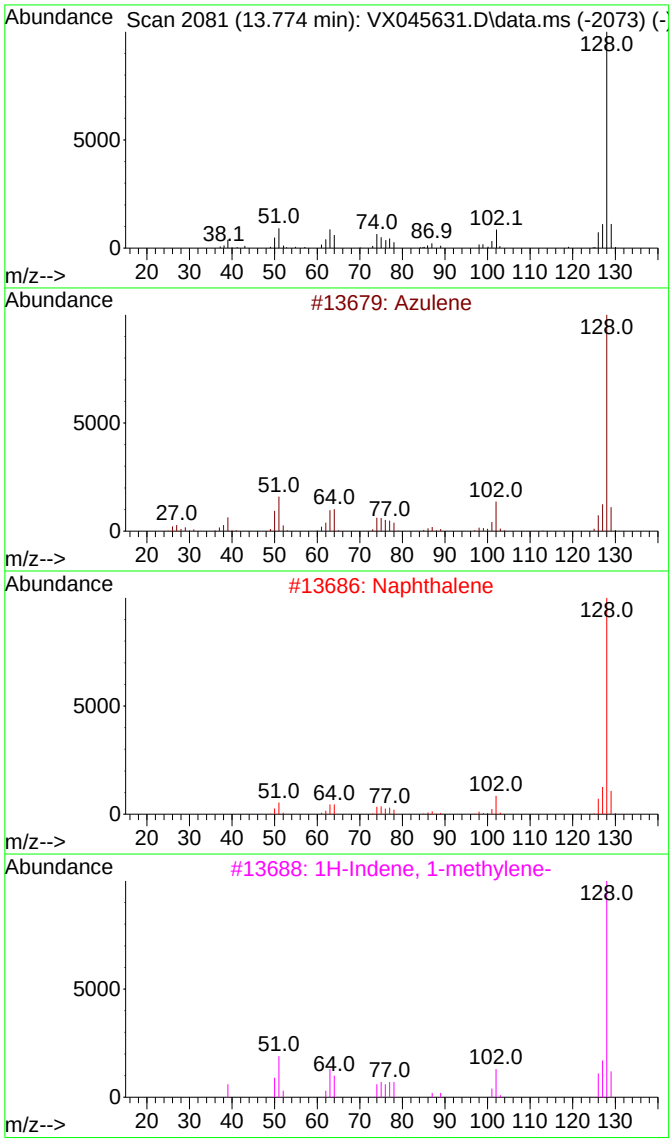
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

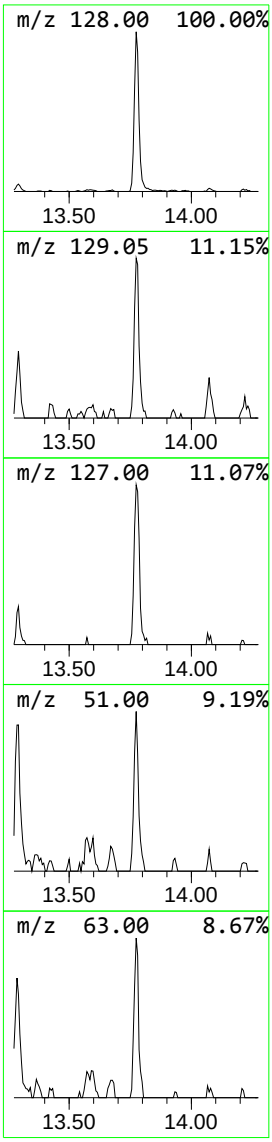
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Azulene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	9.02 ug/l	58892	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	80
4	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	64
5	[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
Data File : VX045631.D
Acq On : 07 Apr 2025 16:08
Operator : JC/MD
Sample : Q1746-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B-158-GW01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.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, 4-ethy...	12.317	6.1	ug/l	39932	4	12.018	326602	50.0
Benzene, 2-ethy...	12.530	5.6	ug/l	36552	4	12.018	326602	50.0
Benzene, 1-meth...	12.610	11.9	ug/l	77674	4	12.018	326602	50.0
Benzene, 1,2,3,...	12.921	11.1	ug/l	72402	4	12.018	326602	50.0
Benzene, 1,2,4,...	12.963	17.5	ug/l	114576	4	12.018	326602	50.0
Benzene, 2-ethe...	13.286	15.9	ug/l	104214	4	12.018	326602	50.0
Azulene	13.774	9.0	ug/l	58892	4	12.018	326602	50.0