LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
Data File : VW031925.D
Acq On : 24 Jul 2025 14:35
Operator : SY/MD
Sample : Q2691-07
Misc : 4.20g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
299

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_W\Method\82W072225S.M
Title : SW846 8260

Signal : TIC: VW031925.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	72	78	90	rBV2	18619	44618	2.03%	0.155%
2	3.765	303	308	320	rVB3	8320	26259	1.20%	0.091%
3	4.161	364	373	386	rVB2	5848	23460	1.07%	0.081%
4	4.960	491	504	507	rBV2	10633	31261	1.43%	0.108%
5	5.112	513	529	540	rVB2	36893	171352	7.81%	0.594%
6	5.966	659	669	685	rBV4	15424	47340	2.16%	0.164%
7	7.904	975	987	991	rBV	167034	408724	18.64%	1.416%
8	7.959	991	996	1006	rVB2	276176	640575	29.21%	2.219%
9	8.167	1023	1030	1039	rBV2	16134	38061	1.74%	0.132%
10	8.319	1046	1055	1067	rBV	186522	440096	20.07%	1.524%
11	8.490	1078	1083	1092	rVB2	18882	48663	2.22%	0.169%
12	8.703	1111	1118	1128	rBV2	18600	40601	1.85%	0.141%
13	8.849	1133	1142	1157	rBV	465042	952046	43.41%	3.298%
14	9.343	1211	1223	1228	rBV4	25660	71105	3.24%	0.246%
15	9.764	1287	1292	1298	rBV3	16192	31633	1.44%	0.110%
16	9.898	1309	1314	1319	rBV2	21750	40509	1.85%	0.140%
17	9.959	1320	1324	1328	rBV3	15358	26105	1.19%	0.090%
18	10.105	1341	1348	1351	rBV3	16864	34970	1.59%	0.121%
19	10.215	1360	1366	1377	rBV	166679	323541	14.75%	1.121%
20	10.325	1377	1384	1390	rVV	678918	1228333	56.01%	4.255%
21	10.392	1390	1395	1407	rVB	189609	355081	16.19%	1.230%
22	10.508	1410	1414	1419	rVB4	31631	52902	2.41%	0.183%
23	10.575	1419	1425	1437	rBV	339723	642624	29.30%	2.226%
24	11.404	1559	1561	1570	rVB5	30881	66726	3.04%	0.231%
25	11.514	1576	1579	1585	rVB2	33870	55405	2.53%	0.192%
26	11.629	1592	1598	1606	rVB	625481	1067415	48.67%	3.697%
27	11.733	1609	1615	1623	rVB	233476	393418	17.94%	1.363%
28	11.837	1625	1632	1643	rBV	940658	1793914	81.80%	6.214%
29	11.983	1652	1656	1662	rBV	109961	167040	7.62%	0.579%
30	12.166	1680	1686	1694	rVB	550810	919479	41.93%	3.185%
31	12.617	1755	1760	1770	rVB	523959	1078613	49.18%	3.736%
32	12.800	1786	1790	1795	rBV	113894	174210	7.94%	0.603%
33	12.867	1795	1801	1804	rBV	536962	936082	42.68%	3.243%
34	12.897	1804	1806	1809	rVV	236994	344347	15.70%	1.193%
35	12.934	1809	1812	1818	rVB2	399118	713455	32.53%	2.471%
36	13.099	1835	1839	1844	rBV	237304	363205	16.56%	1.258%

LSC Area Percent Report

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ClientSampleId :
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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_W\Method\82W072225S.M
Title : SW846 8260

37	13.154	1844	1848	1856	rVB3	134728	227373	10.37%	0.788%
38	13.245	1858	1863	1869	rBV	1433384	2193119	100.00%	7.597%
39	13.434	1892	1894	1898	rBV3	57433	74278	3.39%	0.257%
40	13.556	1909	1914	1916	rBV	567884	913011	41.63%	3.163%
41	13.647	1926	1929	1933	rVB	188637	234740	10.70%	0.813%
42	13.714	1937	1940	1941	rVV	158130	182685	8.33%	0.633%
43	13.751	1942	1946	1949	rVV2	512542	866604	39.51%	3.002%
44	13.781	1949	1951	1961	rVB3	383415	691166	31.52%	2.394%
45	13.867	1961	1965	1970	rBV2	237051	441620	20.14%	1.530%
46	14.007	1984	1988	1990	rBV	284016	434460	19.81%	1.505%
47	14.037	1990	1993	1997	rVV	309621	508888	23.20%	1.763%
48	14.092	1998	2002	2006	rVB	454160	660013	30.09%	2.286%
49	14.202	2015	2020	2025	rVB2	227461	381856	17.41%	1.323%
50	14.336	2038	2042	2046	rBV3	158629	270248	12.32%	0.936%
51	14.415	2051	2055	2058	rVV	311724	512035	23.35%	1.774%
52	14.452	2058	2061	2065	rVV	470054	616609	28.12%	2.136%
53	14.495	2065	2068	2071	rVB2	139279	167442	7.63%	0.580%
54	14.635	2088	2091	2095	rVB	105847	125013	5.70%	0.433%
55	14.684	2095	2099	2102	rBV	303897	493989	22.52%	1.711%
56	14.800	2111	2118	2123	rBV3	581071	1428964	65.16%	4.950%
57	15.056	2156	2160	2164	rBV3	216402	376551	17.17%	1.304%
58	15.171	2174	2179	2187	rVB3	199520	519249	23.68%	1.799%
59	15.318	2199	2203	2205	rBV4	136062	223124	10.17%	0.773%
60	15.360	2205	2210	2216	rVB	462752	846917	38.62%	2.934%
61	15.464	2224	2227	2231	rBV3	97953	155391	7.09%	0.538%
62	15.647	2253	2257	2265	rBV4	153262	295273	13.46%	1.023%
63	16.433	2380	2386	2392	rBV	383822	785479	35.82%	2.721%
64	16.635	2413	2419	2426	rVB	200191	449613	20.50%	1.557%

Sum of corrected areas: 28868878

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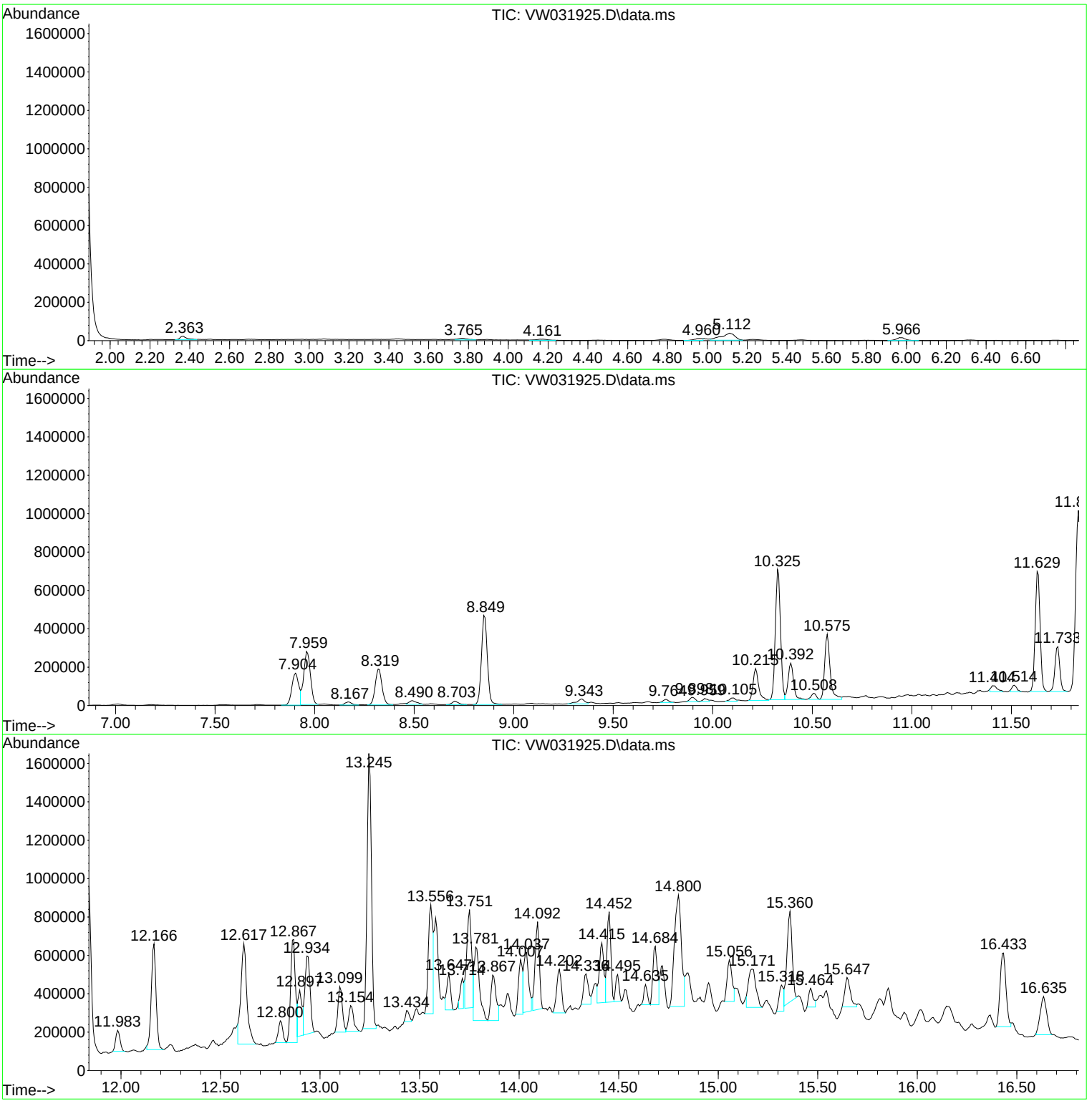
Instrument :
MSVOA_W
ClientSampleId :
299

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
Data File : VW031925.D
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Operator : SY/MD
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Misc : 4.20g/5mL/MSVOA_W/SOIL/A
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Instrument :
MSVOA_W
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299

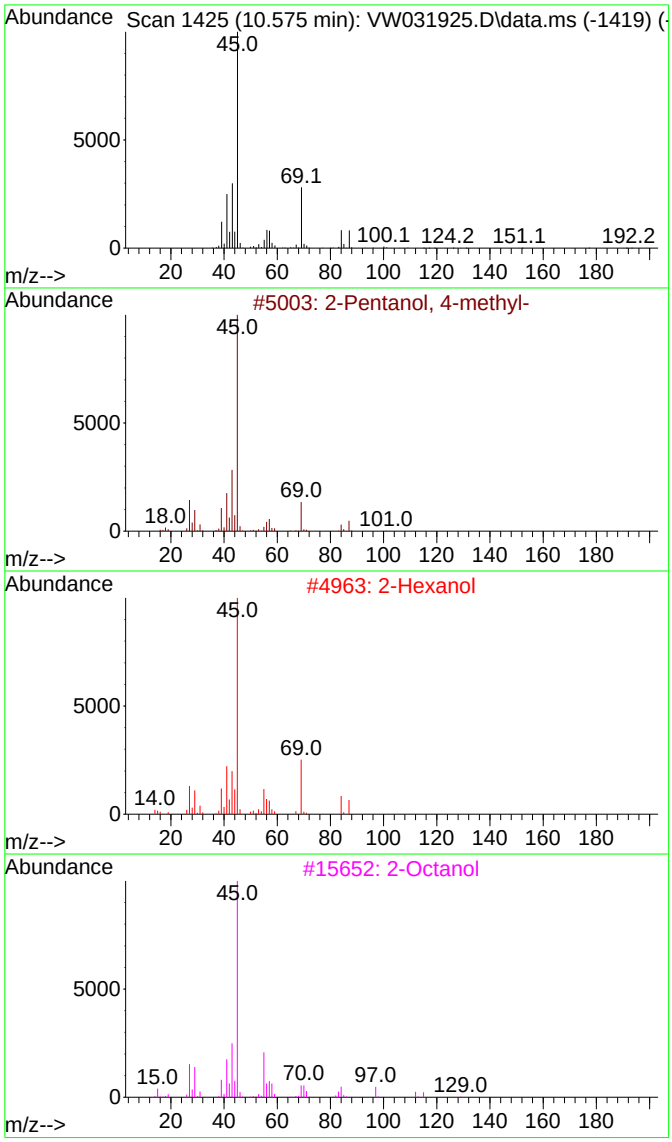
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

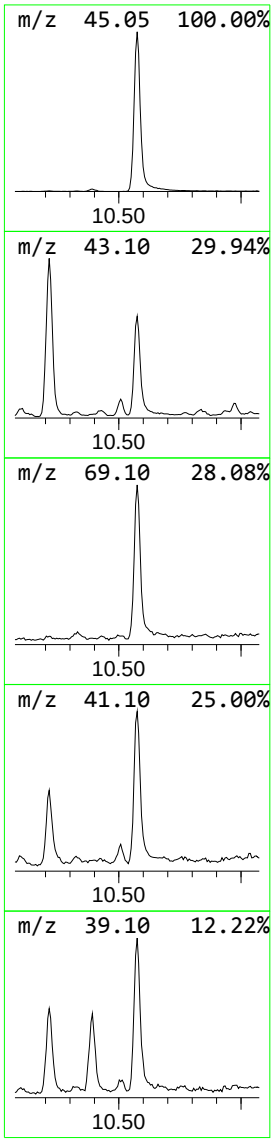
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanol, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.575	30.10 ug/l	642624	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Hexanol	102	C6H14O	000626-93-7	78
3	2-Octanol	130	C8H18O	000123-96-6	64
4	2-Octanol, (R)-	130	C8H18O	005978-70-1	56
5	2-Octanol, (S)-	130	C8H18O	006169-06-8	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
Data File : VW031925.D
Acq On : 24 Jul 2025 14:35
Operator : SY/MD
Sample : Q2691-07
Misc : 4.20g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
299

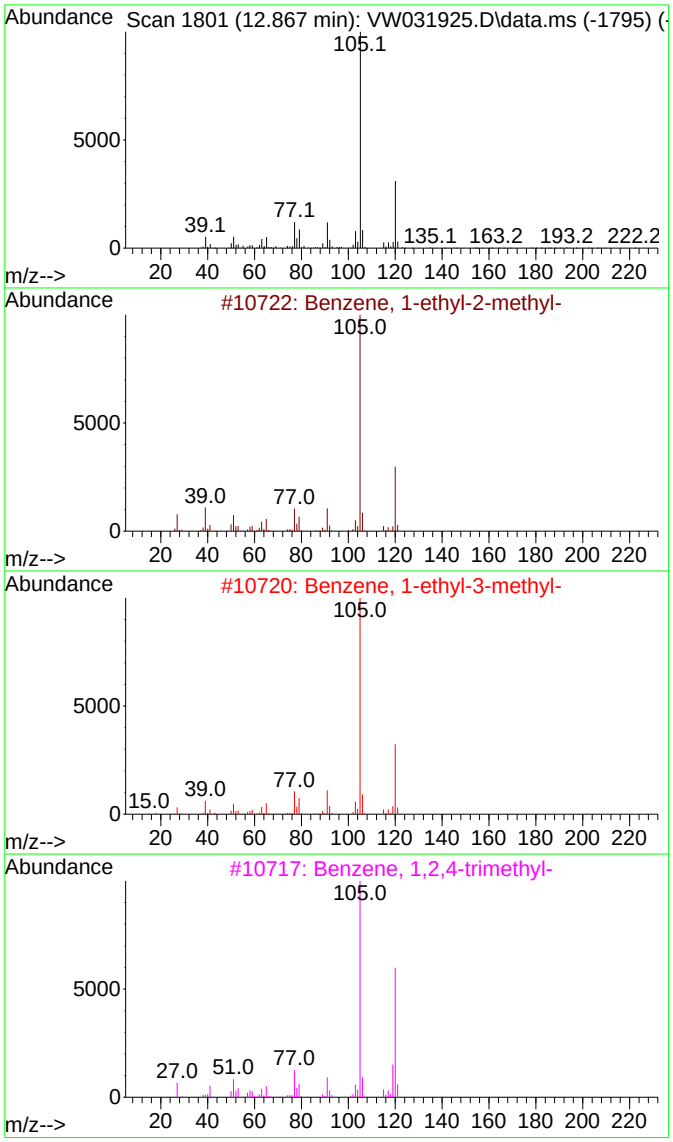
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

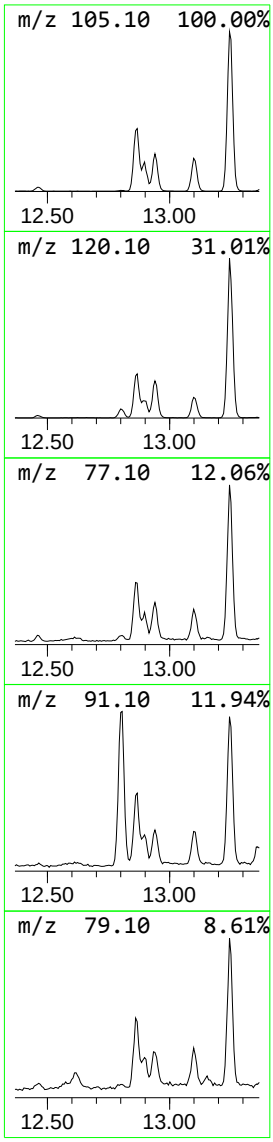
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.867	51.26 ug/l	936082	1,4-Dichlorobenzene-d4	13.556

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
Data File : VW031925.D
Acq On : 24 Jul 2025 14:35
Operator : SY/MD
Sample : Q2691-07
Misc : 4.20g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
299

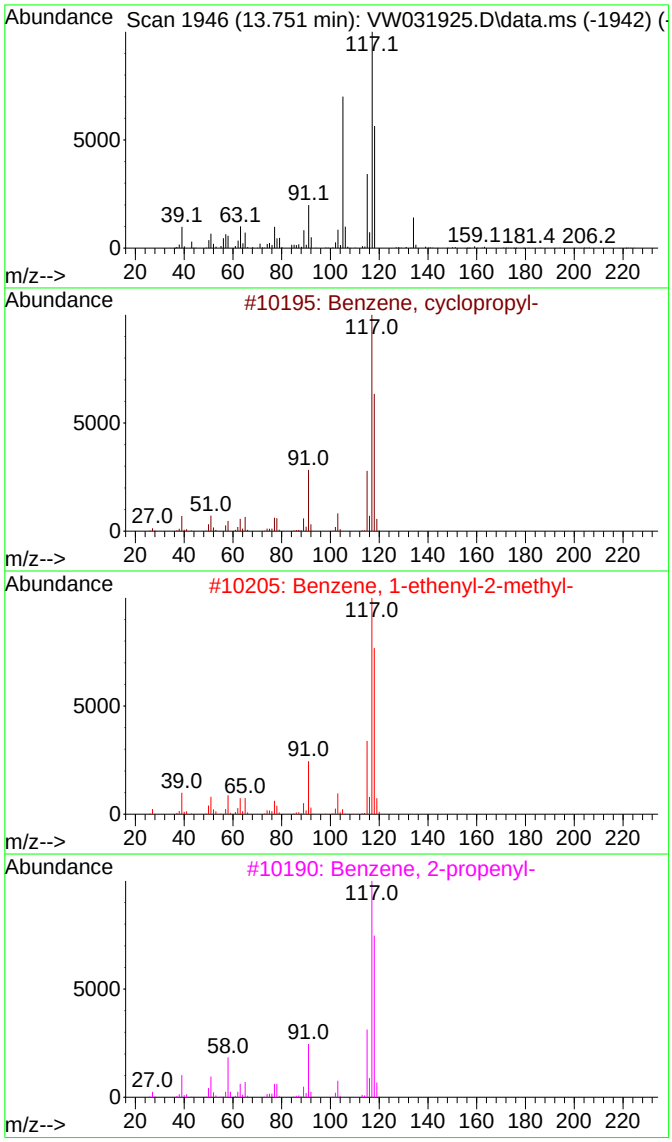
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

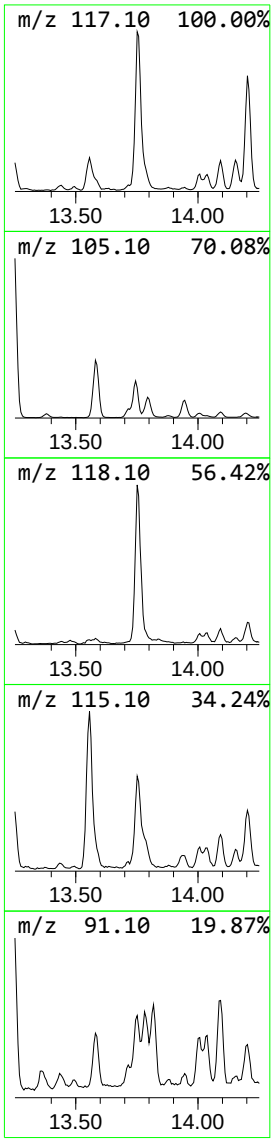
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, cyclopropyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	47.46 ug/l	866604	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	70
5	Indane	118	C9H10	000496-11-7	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
Data File : VW031925.D
Acq On : 24 Jul 2025 14:35
Operator : SY/MD
Sample : Q2691-07
Misc : 4.20g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
299

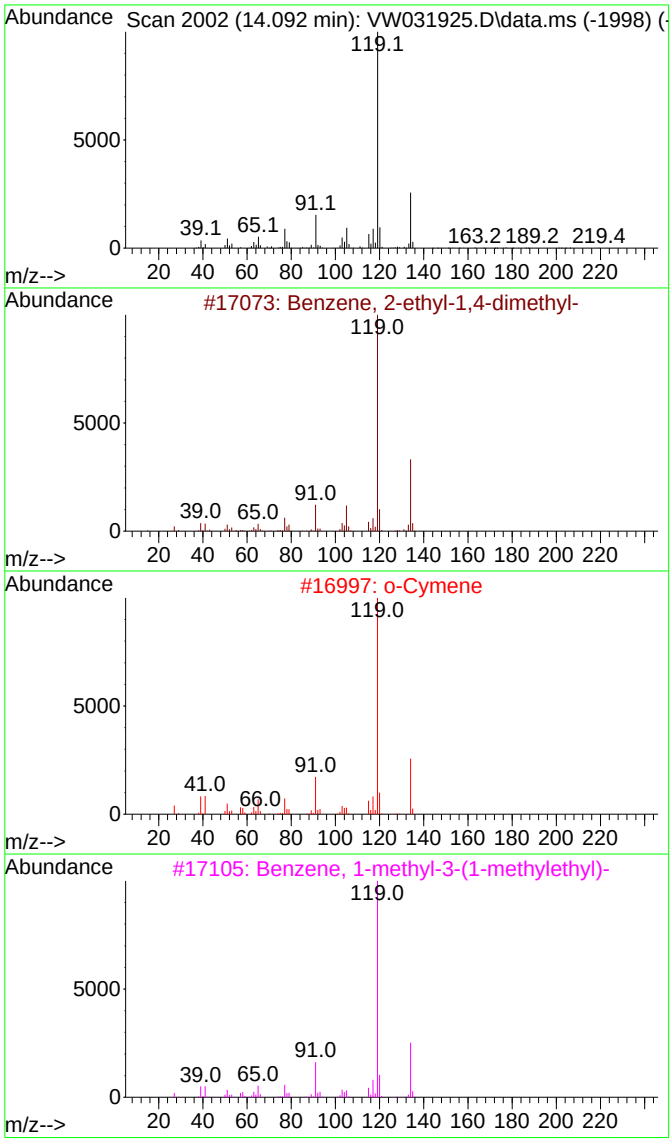
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

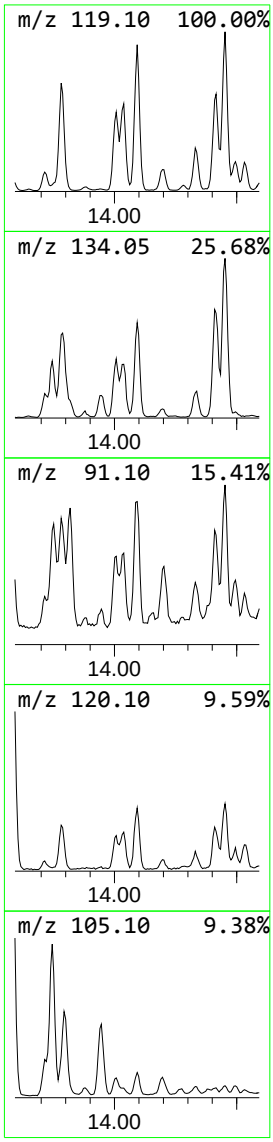
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	36.14 ug/l	660013	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
Data File : VW031925.D
Acq On : 24 Jul 2025 14:35
Operator : SY/MD
Sample : Q2691-07
Misc : 4.20g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
299

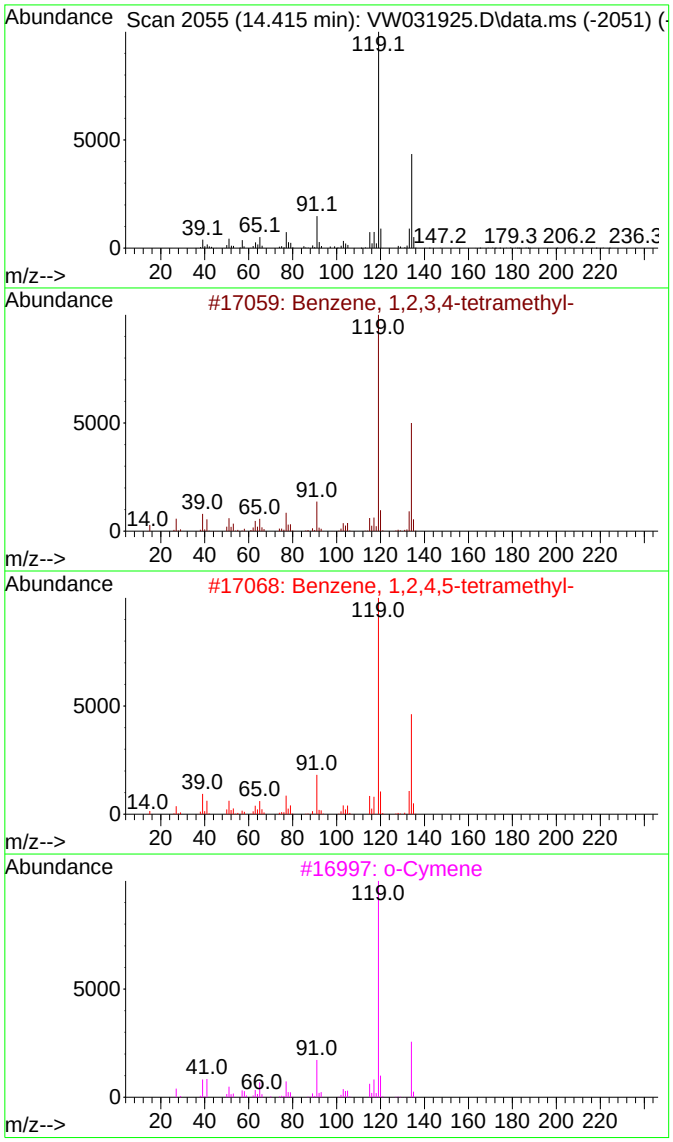
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

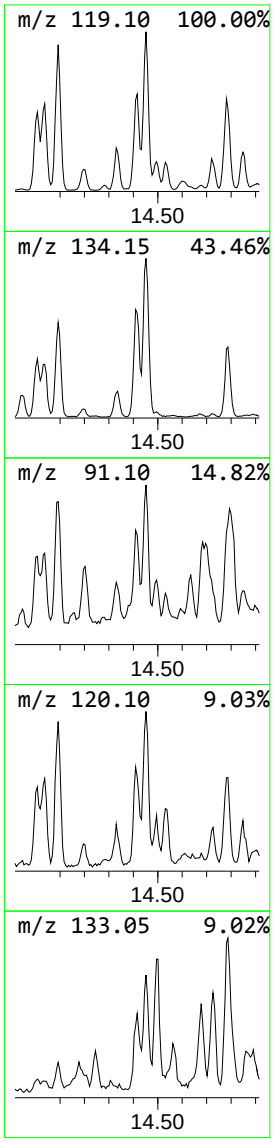
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.416	28.04 ug/l	512035	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	p-Cymene	134	C10H14	000099-87-6	93





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MSVOA_W
ClientSampleId :
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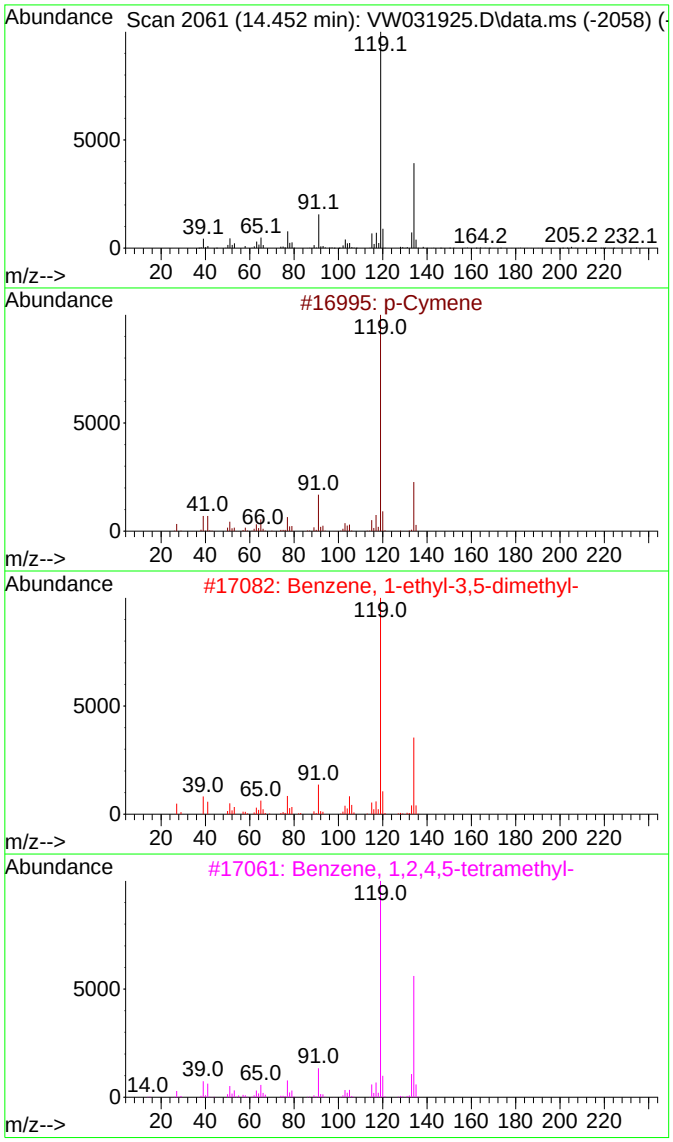
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

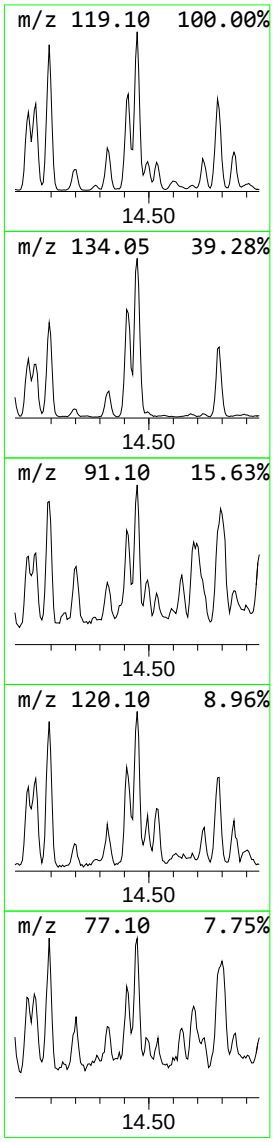
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	33.77 ug/l	616609	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
Data File : VW031925.D
Acq On : 24 Jul 2025 14:35
Operator : SY/MD
Sample : Q2691-07
Misc : 4.20g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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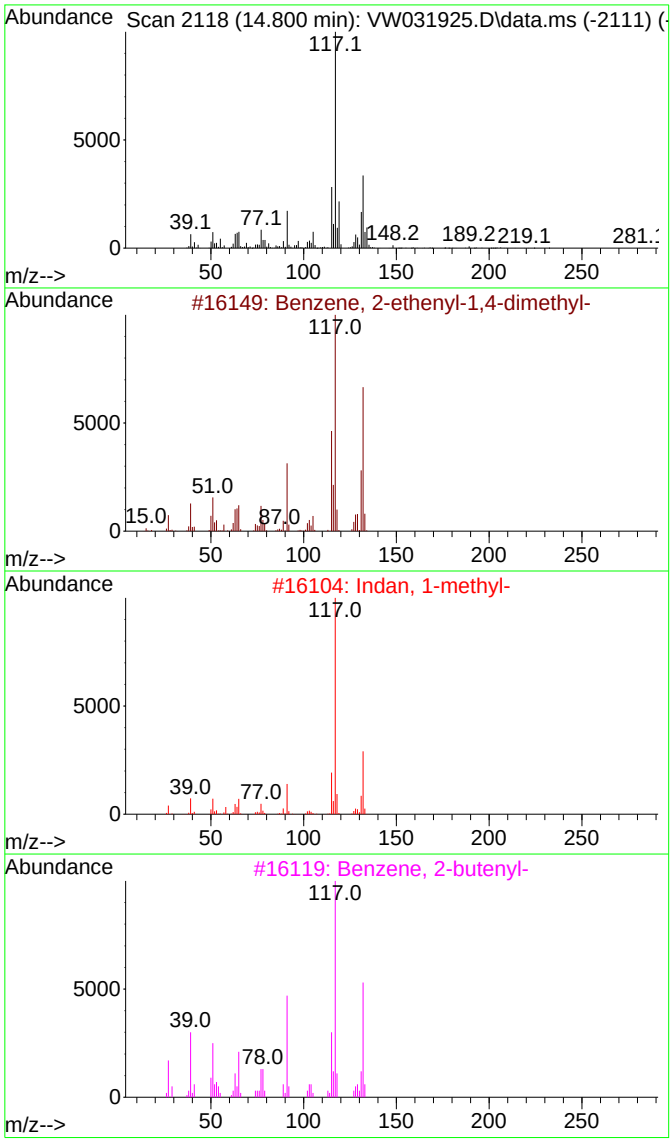
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

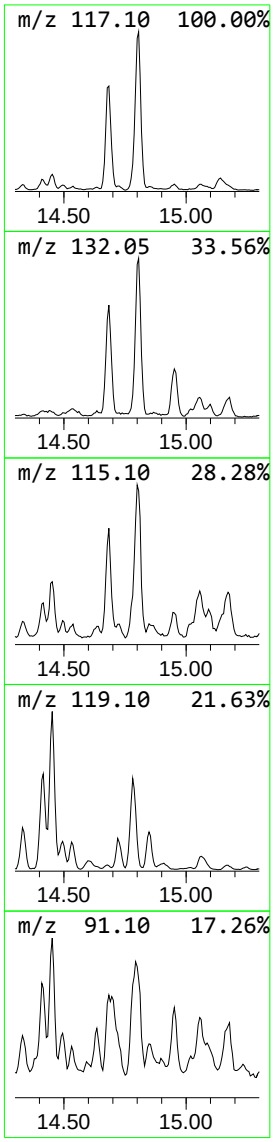
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.800	78.26 ug/l	1428960	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Indan, 1-methyl-	132	C10H12	000767-58-8	81
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
Data File : VW031925.D
Acq On : 24 Jul 2025 14:35
Operator : SY/MD
Sample : Q2691-07
Misc : 4.20g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
299

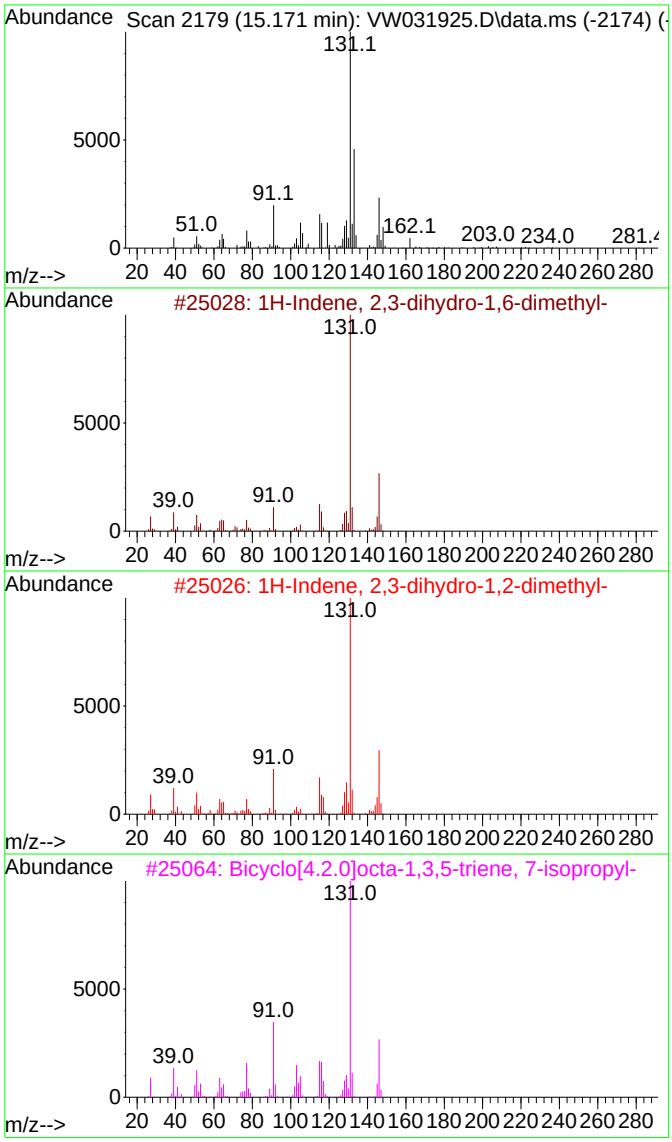
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

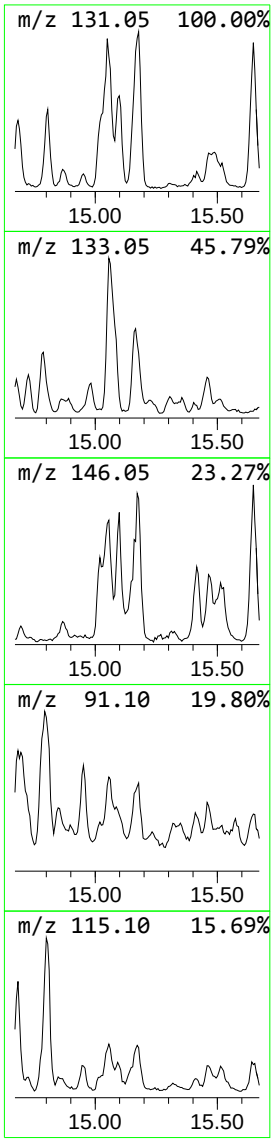
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.171	28.44 ug/l	519249	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
Data File : VW031925.D
Acq On : 24 Jul 2025 14:35
Operator : SY/MD
Sample : Q2691-07
Misc : 4.20g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
299

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.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
2-Pentanol, 4-m...	10.575	30.1	ug/l	642624	3	11.629	1067420	50.0
Benzene, 1-ethy...	12.867	51.3	ug/l	936082	4	13.556	913011	50.0
Benzene, cyclop...	13.751	47.5	ug/l	866604	4	13.556	913011	50.0
Benzene, 2-ethy...	14.092	36.1	ug/l	660013	4	13.556	913011	50.0
Benzene, 1,2,3,...	14.416	28.0	ug/l	512035	4	13.556	913011	50.0
Benzene, 1-ethy...	14.452	33.8	ug/l	616609	4	13.556	913011	50.0
Benzene, 2-ethe...	14.800	78.3	ug/l	1428960	4	13.556	913011	50.0
1H-Indene, 2,3-...	15.171	28.4	ug/l	519249	4	13.556	913011	50.0