LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

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\82W111025S.M
Title : SW846 8260

Signal : TIC: VW032428.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.167	365	374	383	rBV2	51083	158723	5.98%	0.615%
2	4.960	490	504	517	rBV2	30806	115942	4.37%	0.449%
3	7.203	857	872	884	rBV2	32530	115935	4.37%	0.449%
4	7.898	970	986	992	rBV	338461	893076	33.65%	3.458%
5	7.965	992	997	1008	rVB2	392842	878767	33.12%	3.403%
6	8.319	1045	1055	1067	rBV	367359	830332	31.29%	3.215%
7	8.855	1131	1143	1161	rVB	784139	1590290	59.93%	6.158%
8	10.325	1376	1384	1401	rBV	1397165	2573641	96.98%	9.965%
9	11.629	1591	1598	1608	rBV	1189413	2079439	78.36%	8.052%
10	12.135	1674	1681	1692	rBV2	54158	174595	6.58%	0.676%
11	12.367	1709	1719	1720	rBV6	40918	121417	4.58%	0.470%
12	12.611	1751	1759	1767	rBV2	1325197	2653666	100.00%	10.275%
13	12.782	1783	1787	1794	rVB4	44777	92999	3.50%	0.360%
14	12.928	1804	1811	1818	rBV4	107716	259631	9.78%	1.005%
15	13.160	1845	1849	1856	rVB2	91306	159439	6.01%	0.617%
16	13.440	1888	1895	1899	rBV6	108028	225344	8.49%	0.873%
17	13.556	1908	1914	1921	rVV	1120700	1833342	69.09%	7.099%
18	13.617	1921	1924	1930	rVB3	60282	86640	3.26%	0.335%
19	13.751	1943	1946	1951	rVB	65782	99777	3.76%	0.386%
20	13.867	1960	1965	1970	rBV2	488488	807808	30.44%	3.128%
21	14.062	1986	1997	1999	rBV3	169002	393531	14.83%	1.524%
22	14.086	1999	2001	2006	rVB	162259	237682	8.96%	0.920%
23	14.196	2014	2019	2025	rVB5	116181	217935	8.21%	0.844%
24	14.263	2025	2030	2035	rBV5	67557	148277	5.59%	0.574%
25	14.342	2036	2043	2044	rVV6	85012	185136	6.98%	0.717%
26	14.379	2045	2049	2052	rVV2	261875	450736	16.99%	1.745%
27	14.415	2052	2055	2063	rVB2	194459	314603	11.86%	1.218%
28	14.489	2063	2067	2071	rBV3	107444	161052	6.07%	0.624%
29	14.543	2071	2076	2081	rVV5	99694	178102	6.71%	0.690%
30	14.690	2095	2100	2102	rBV2	94459	166726	6.28%	0.646%
31	14.726	2103	2106	2111	rVB4	95970	145250	5.47%	0.562%
32	14.793	2111	2117	2123	rBV4	335470	901747	33.98%	3.492%
33	15.056	2155	2160	2164	rBV2	197226	327847	12.35%	1.269%
34	15.098	2164	2167	2172	rVB2	94753	137958	5.20%	0.534%
35	15.171	2172	2179	2186	rVB4	239373	546767	20.60%	2.117%
36	15.318	2198	2203	2207	rBV3	114549	219476	8.27%	0.850%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

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\82W111025S.M
Title : SW846 8260

37	15.415	2213	2219	2223	rBV	259177	485956	18.31%	1.882%
38	15.464	2223	2227	2229	rBV4	110331	174192	6.56%	0.674%
39	15.647	2250	2257	2263	rBV2	213570	492618	18.56%	1.907%
40	15.805	2276	2283	2287	rBV4	108168	294698	11.11%	1.141%
41	15.854	2287	2291	2298	rVB2	235188	414279	15.61%	1.604%
42	15.940	2301	2305	2310	rBV5	82117	135409	5.10%	0.524%
43	16.013	2311	2317	2323	rBV4	101328	275862	10.40%	1.068%
44	16.165	2335	2342	2356	rVB2	262658	670468	25.27%	2.596%
45	16.360	2365	2374	2381	rBV2	530815	1204154	45.38%	4.662%
46	16.433	2381	2386	2397	rVB3	175360	489977	18.46%	1.897%
47	16.641	2411	2420	2425	rBV6	175933	511028	19.26%	1.979%
48	16.775	2436	2442	2444	rBV3	99201	194150	7.32%	0.752%

Sum of corrected areas: 25826419

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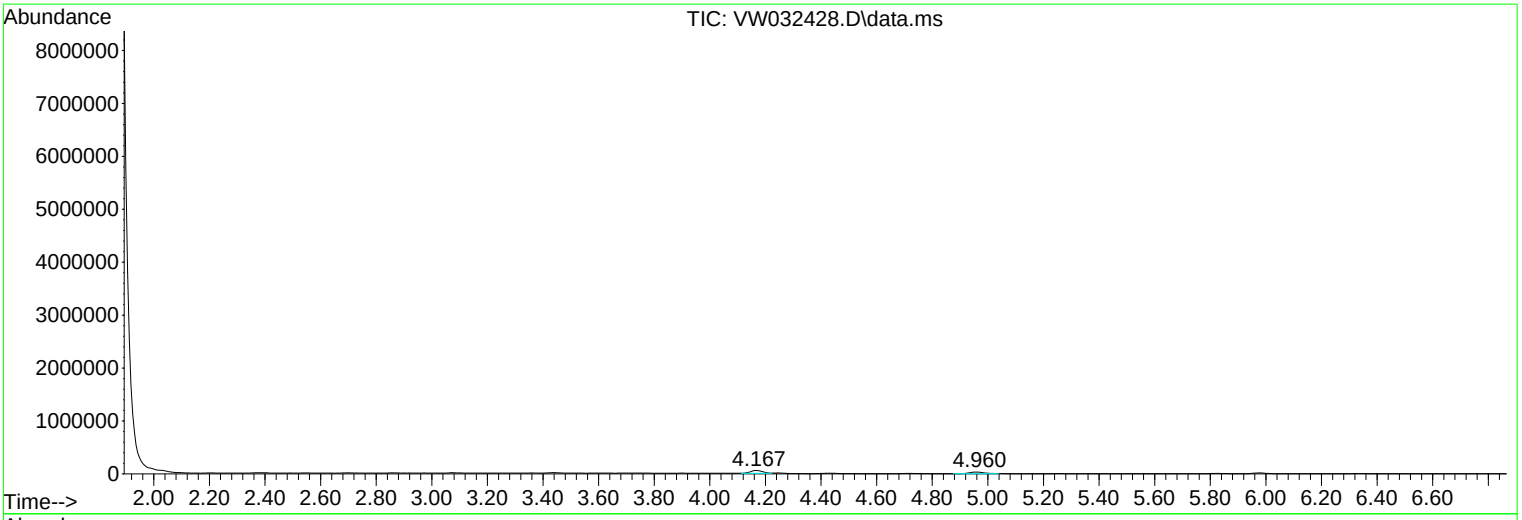
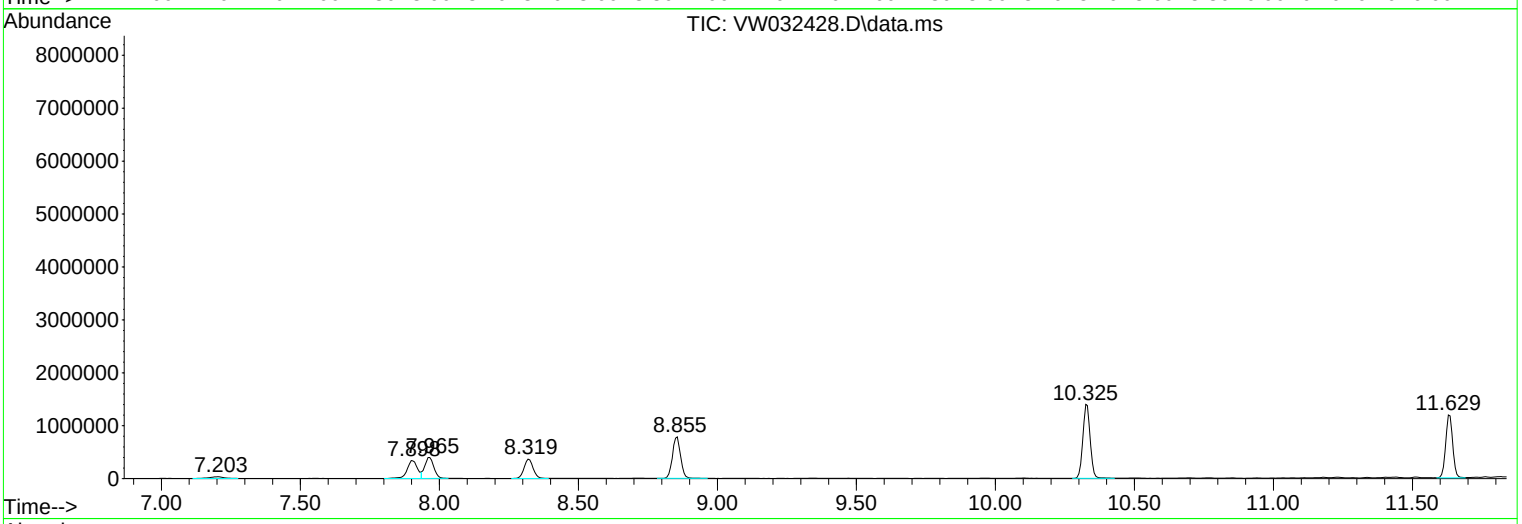
ALS Vial : 15 Sample Multiplier: 1

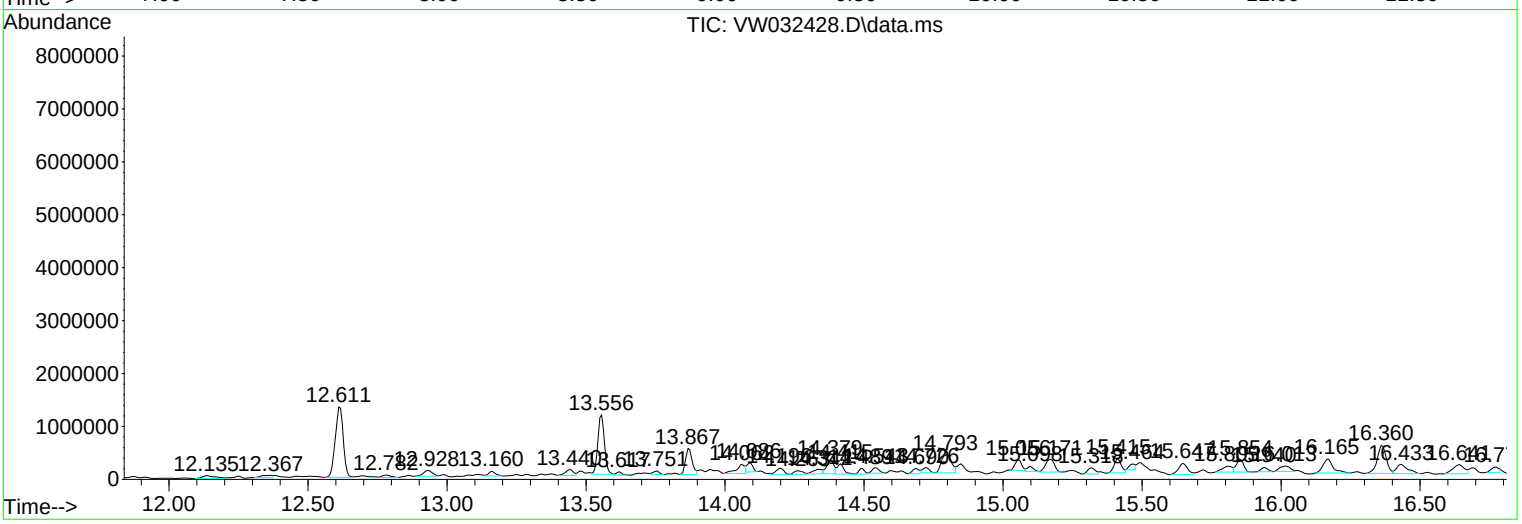
Instrument :
MSVOA_W
ClientSampleId :
SED-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

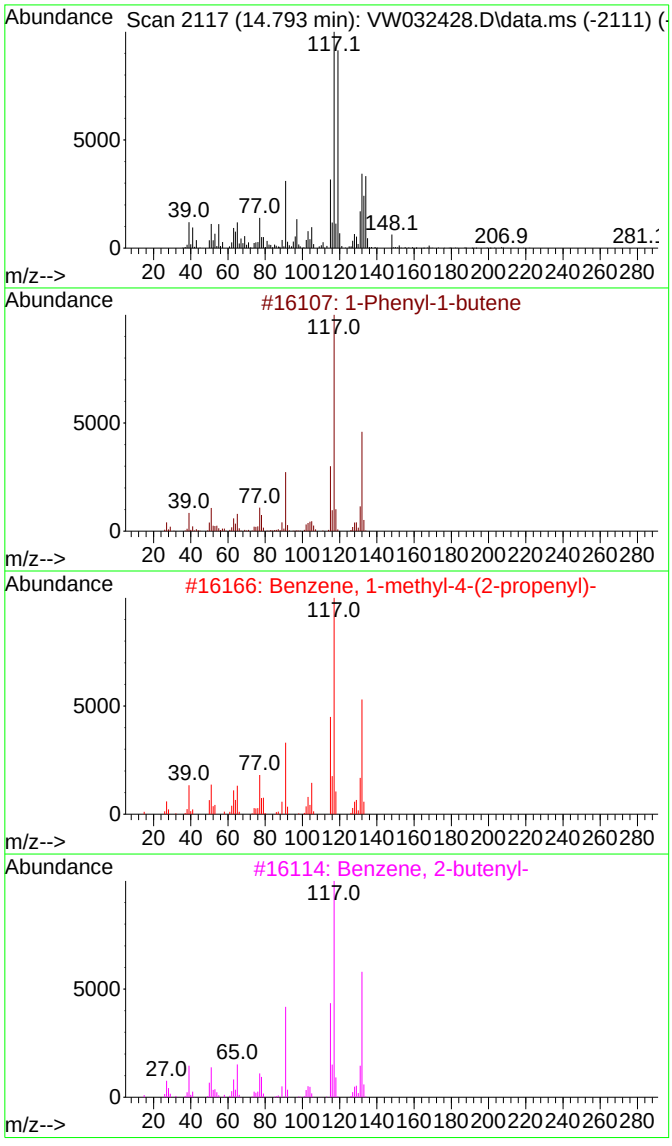
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

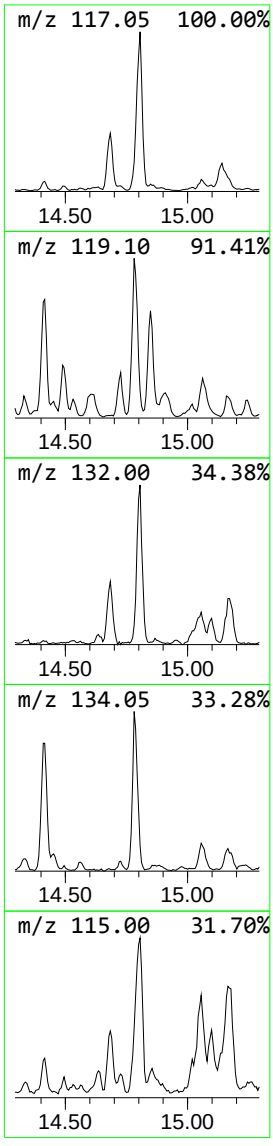
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	24.59 ug/l	901747	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	55
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

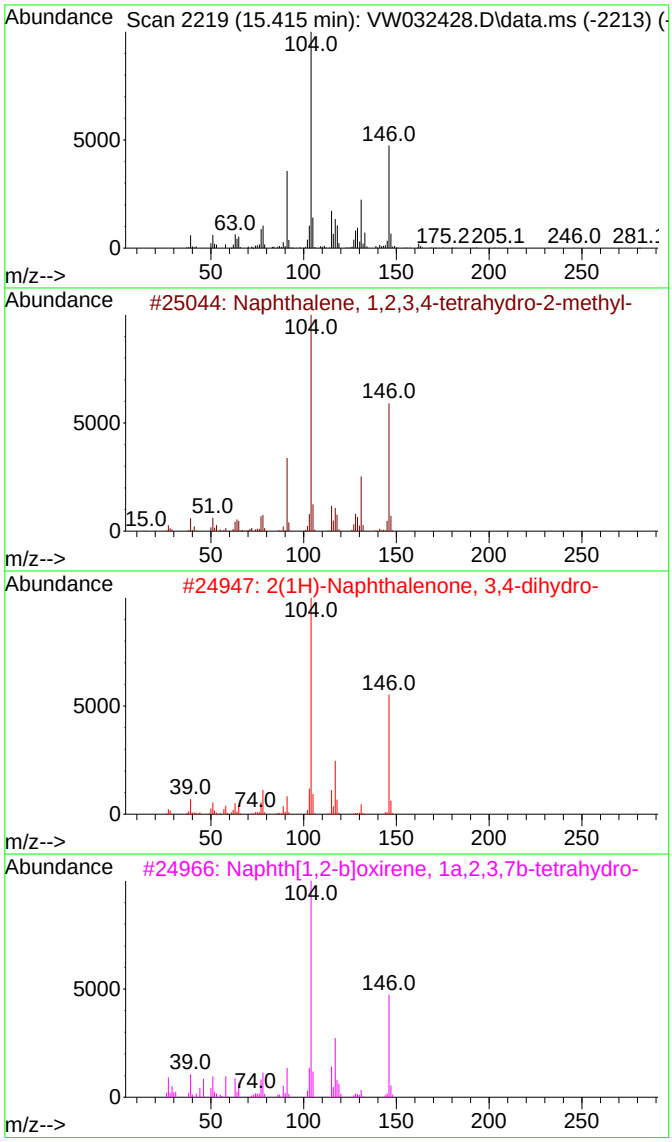
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

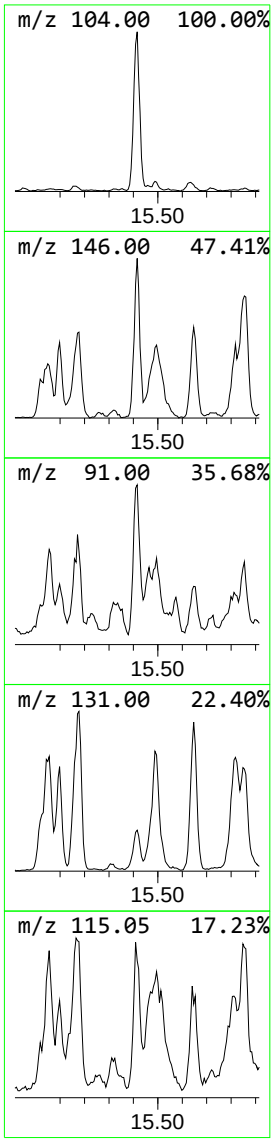
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	13.25 ug/l	485956	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
4	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	43
5	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

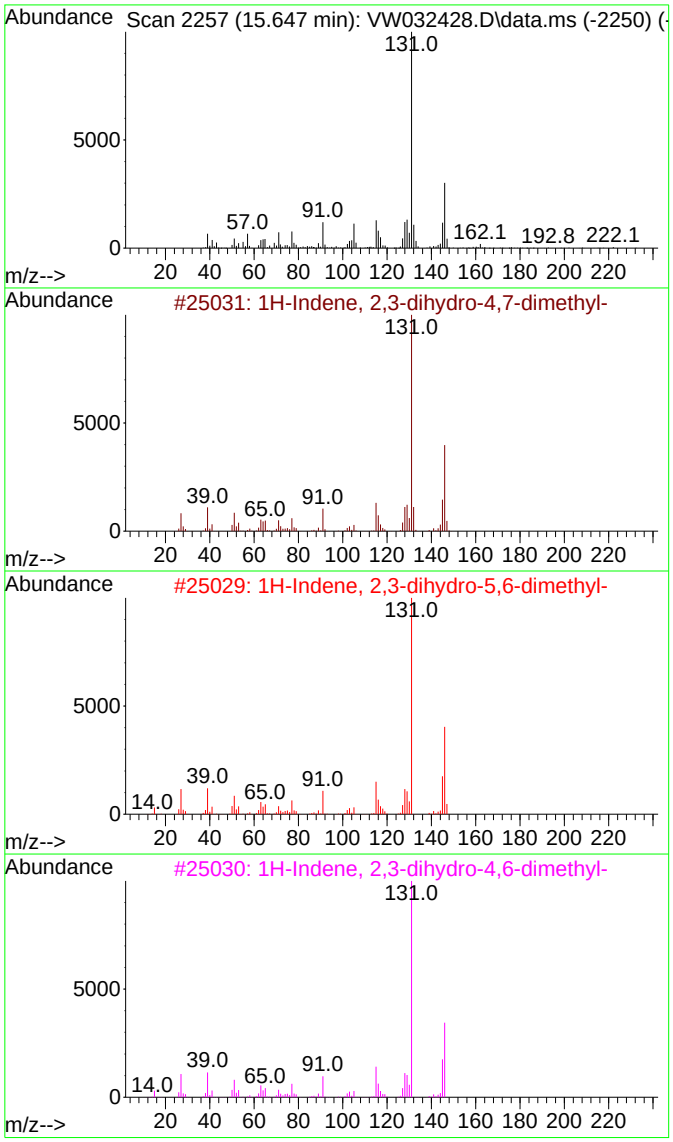
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

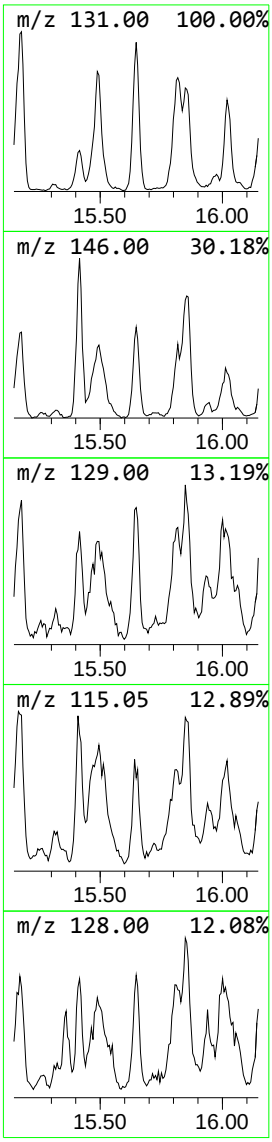
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.647	13.44 ug/l	492618	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	96
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	95
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	95
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

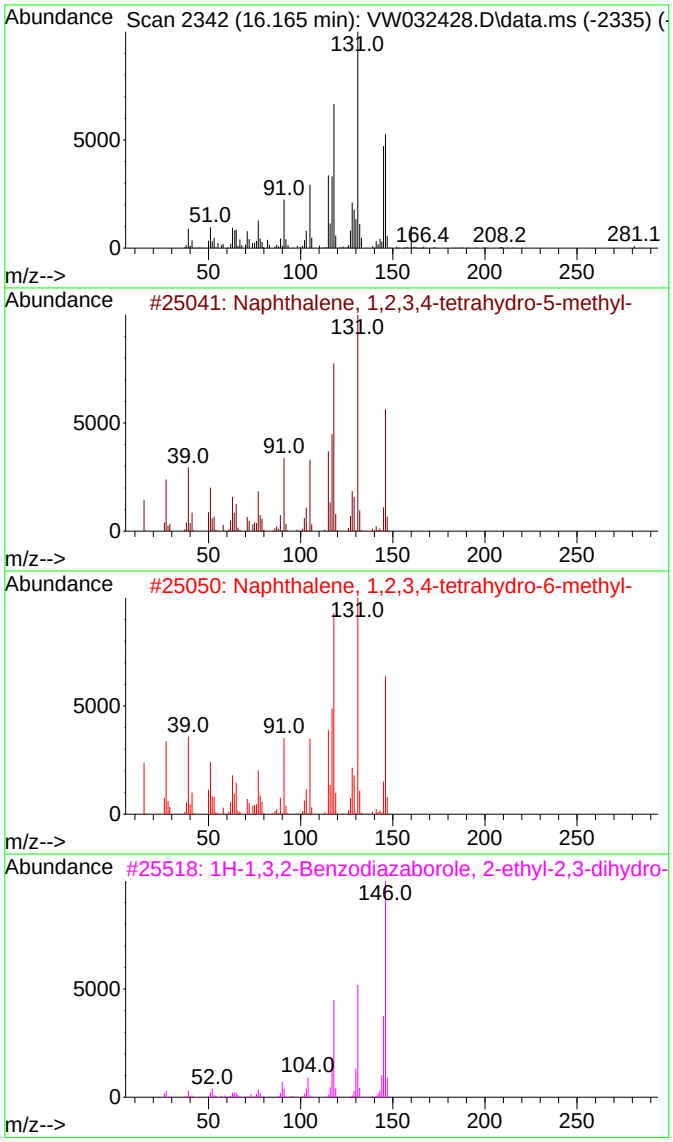
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

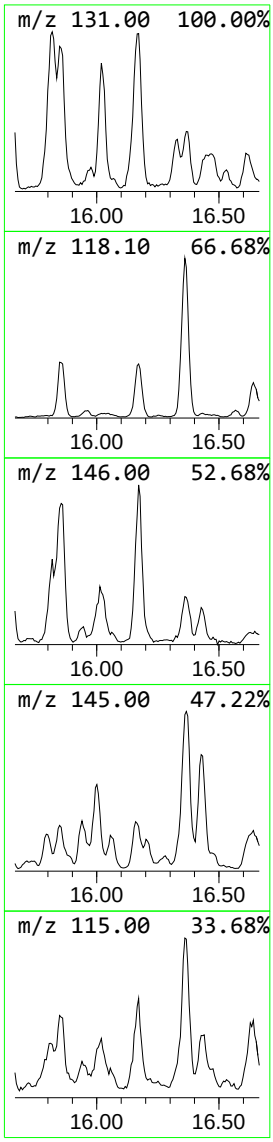
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.165	18.29 ug/l	670468	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	78
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	68
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	58
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	58





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Acq On : 11 Nov 2025 14:15
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Sample : Q3586-02
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

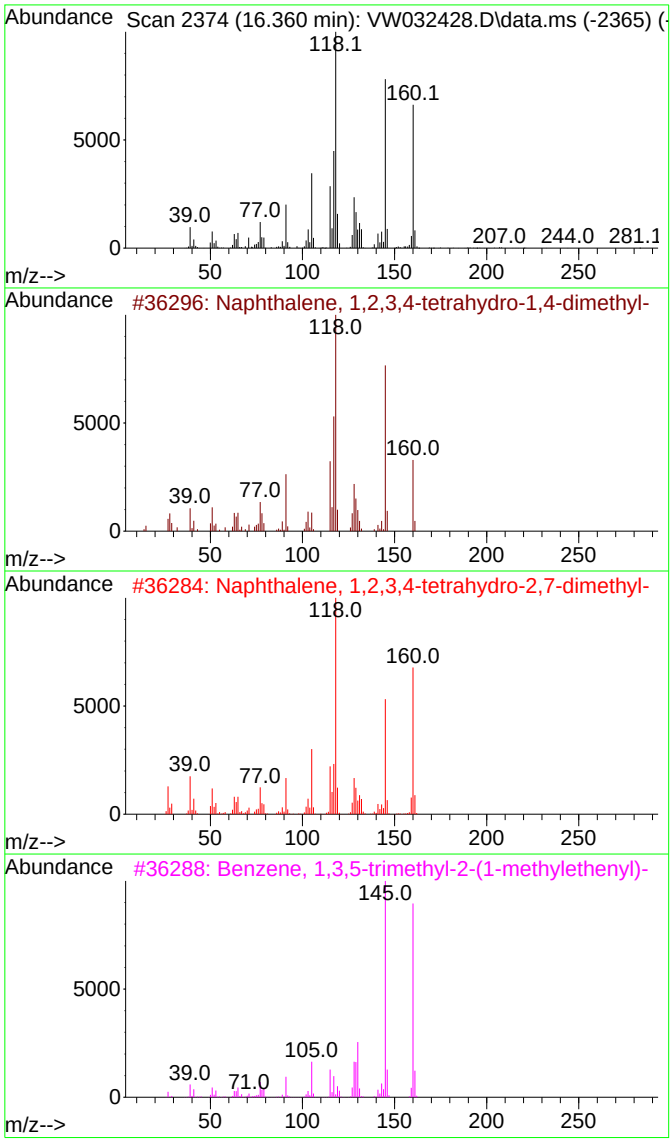
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

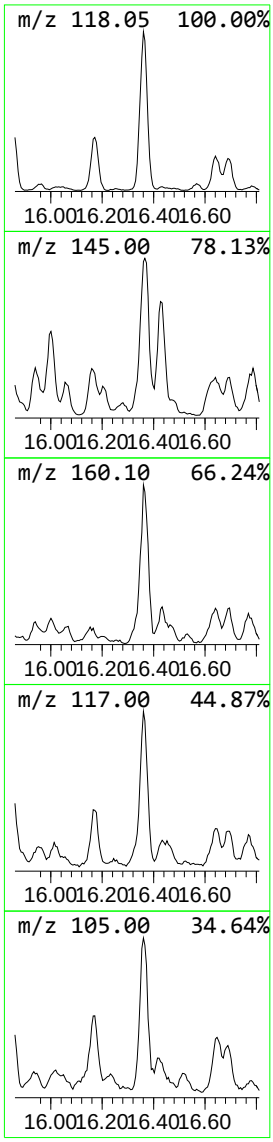
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.360	32.84 ug/l	1204150	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	58





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MSVOA_W
ClientSampleId :
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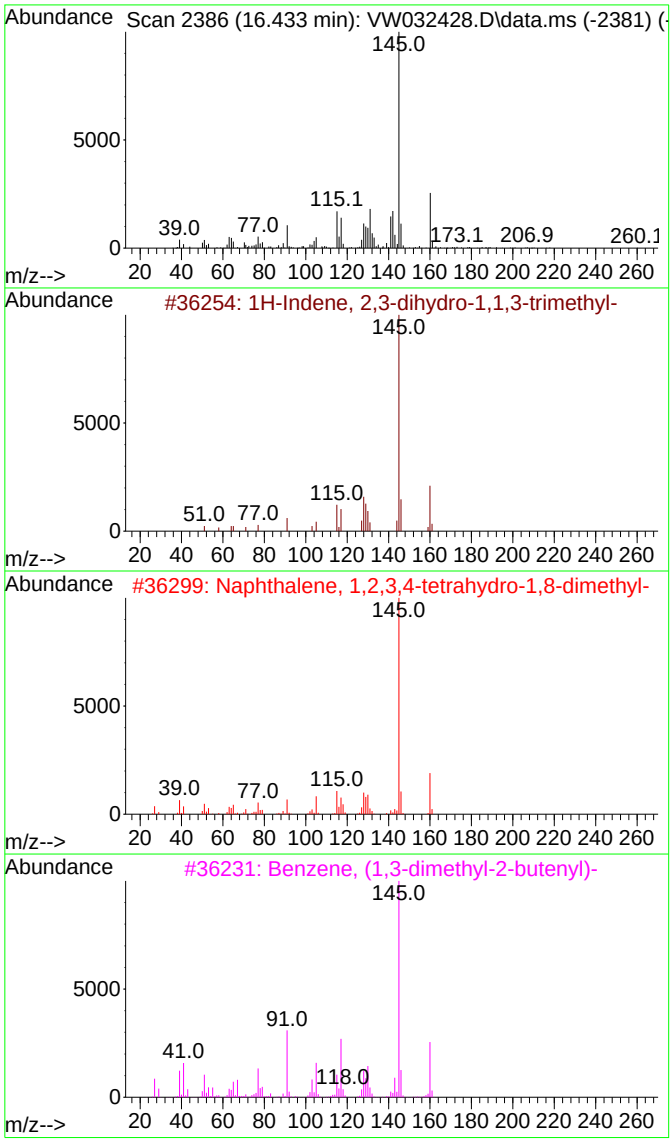
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

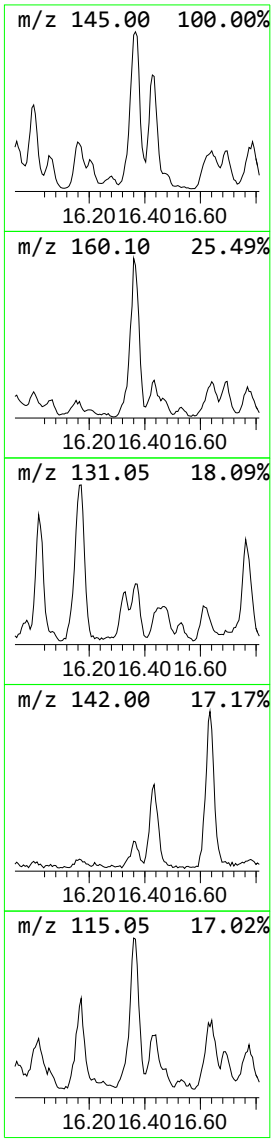
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.433	13.36 ug/l	489977	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87
3	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	87
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	81
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032428.D
Acq On : 11 Nov 2025 14:15
Operator : SY/MD
Sample : Q3586-02
Misc : 7.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SED-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.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
1-Phenyl-1-butene	14.793	24.6	ug/l	901747	4	13.556	1833340	50.0
Naphthalene, 1,...	15.415	13.3	ug/l	485956	4	13.556	1833340	50.0
1H-Indene, 2,3-...	15.647	13.4	ug/l	492618	4	13.556	1833340	50.0
Naphthalene, 1,...	16.165	18.3	ug/l	670468	4	13.556	1833340	50.0
Naphthalene, 1,...	16.360	32.8	ug/l	1204150	4	13.556	1833340	50.0
1H-Indene, 2,3-...	16.433	13.4	ug/l	489977	4	13.556	1833340	50.0