LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088122.D
Acq On : 27 Oct 2025 18:00
Operator : JC\MD
Sample : Q3468-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

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_N\methods\82N102325W.M
Title : SW846 8260

Signal : TIC: VN088122.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.418	411	419	428	rVB4	14296	49456	1.46%	0.111%
2	5.265	551	563	568	rBV5	27544	88795	2.62%	0.199%
3	5.336	569	575	587	rVB5	27692	103912	3.07%	0.233%
4	5.800	643	654	666	rVB4	43136	147119	4.35%	0.330%
5	6.647	789	798	806	rBV3	23284	69421	2.05%	0.156%
6	7.059	860	868	876	rBV8	16708	53743	1.59%	0.120%
7	7.206	884	893	903	rBV3	75511	230286	6.81%	0.516%
8	7.312	903	911	920	rVB2	84471	236270	6.98%	0.530%
9	7.424	923	930	935	rBV	20730	52783	1.56%	0.118%
10	7.982	1020	1025	1035	rVB3	27561	68321	2.02%	0.153%
11	8.147	1045	1053	1058	rBV	301093	750192	22.18%	1.681%
12	8.206	1058	1063	1073	rVV	470816	1159944	34.29%	2.600%
13	8.312	1073	1081	1091	rVB2	330251	816110	24.13%	1.829%
14	8.430	1094	1101	1108	rBV3	70178	168305	4.98%	0.377%
15	8.565	1116	1124	1136	rBV2	375401	1059056	31.31%	2.374%
16	8.741	1141	1154	1165	rVV	695780	1848206	54.64%	4.142%
17	8.835	1167	1170	1177	rVB7	34072	66881	1.98%	0.150%
18	9.082	1204	1212	1225	rBV	846154	1851443	54.73%	4.149%
19	9.576	1284	1296	1301	rBV4	146514	490807	14.51%	1.100%
20	9.706	1313	1318	1322	rBV2	60870	113585	3.36%	0.255%
21	9.994	1361	1367	1374	rVB	496477	947255	28.00%	2.123%
22	10.124	1383	1389	1401	rVB	726818	1448580	42.82%	3.247%
23	10.547	1454	1461	1468	rBV	1196291	2293228	67.79%	5.140%
24	11.841	1675	1681	1688	rBV	1209251	2229323	65.90%	4.996%
25	11.941	1695	1698	1703	rVB	172958	250023	7.39%	0.560%
26	12.053	1713	1717	1723	rBV2	172752	316354	9.35%	0.709%
27	12.670	1817	1822	1828	rBV	857141	1632724	48.27%	3.659%
28	12.829	1844	1849	1856	rBV	837523	1415121	41.83%	3.172%
29	13.012	1875	1880	1896	rVB	1839748	3382695	100.00%	7.581%
30	13.459	1952	1956	1962	rVB	387843	706593	20.89%	1.584%
31	13.770	2003	2009	2018	rVB2	1303131	2625371	77.61%	5.884%
32	13.929	2030	2036	2039	rBV	1133962	1987695	58.76%	4.455%
33	13.970	2039	2043	2048	rVB	1635837	2622511	77.53%	5.878%
34	14.088	2060	2063	2074	rVB4	345714	707483	20.91%	1.586%
35	14.306	2094	2100	2108	rBV	1414500	2376211	70.25%	5.326%
36	14.417	2114	2119	2127	rVB2	801059	1427085	42.19%	3.198%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088122.D
Acq On : 27 Oct 2025 18:00
Operator : JC\MD
Sample : Q3468-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

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_N\methods\82N102325W.M
Title : SW846 8260

37	14.629	2150	2155	2164	rVB	1087951	2095840	61.96%	4.697%
38	14.706	2166	2168	2173	rVB	134867	155893	4.61%	0.349%
39	14.900	2197	2201	2213	rVB3	492146	1233992	36.48%	2.766%
40	15.023	2215	2222	2228	rBV3	450330	1069569	31.62%	2.397%
41	15.288	2263	2267	2273	rVB2	269556	442190	13.07%	0.991%
42	15.400	2281	2286	2298	rVB4	277523	700511	20.71%	1.570%
43	15.558	2310	2313	2316	rBV2	78866	126858	3.75%	0.284%
44	15.611	2316	2322	2330	rVB	1171307	2262737	66.89%	5.071%
45	15.917	2369	2374	2381	rBV2	109784	235227	6.95%	0.527%
46	16.223	2422	2426	2431	rVB	83788	133727	3.95%	0.300%
47	16.576	2483	2486	2494	rVB3	67834	112421	3.32%	0.252%
48	16.676	2498	2503	2509	rVB4	67480	143181	4.23%	0.321%
49	16.741	2511	2514	2521	rVB2	55872	114152	3.37%	0.256%

Sum of corrected areas: 44619185

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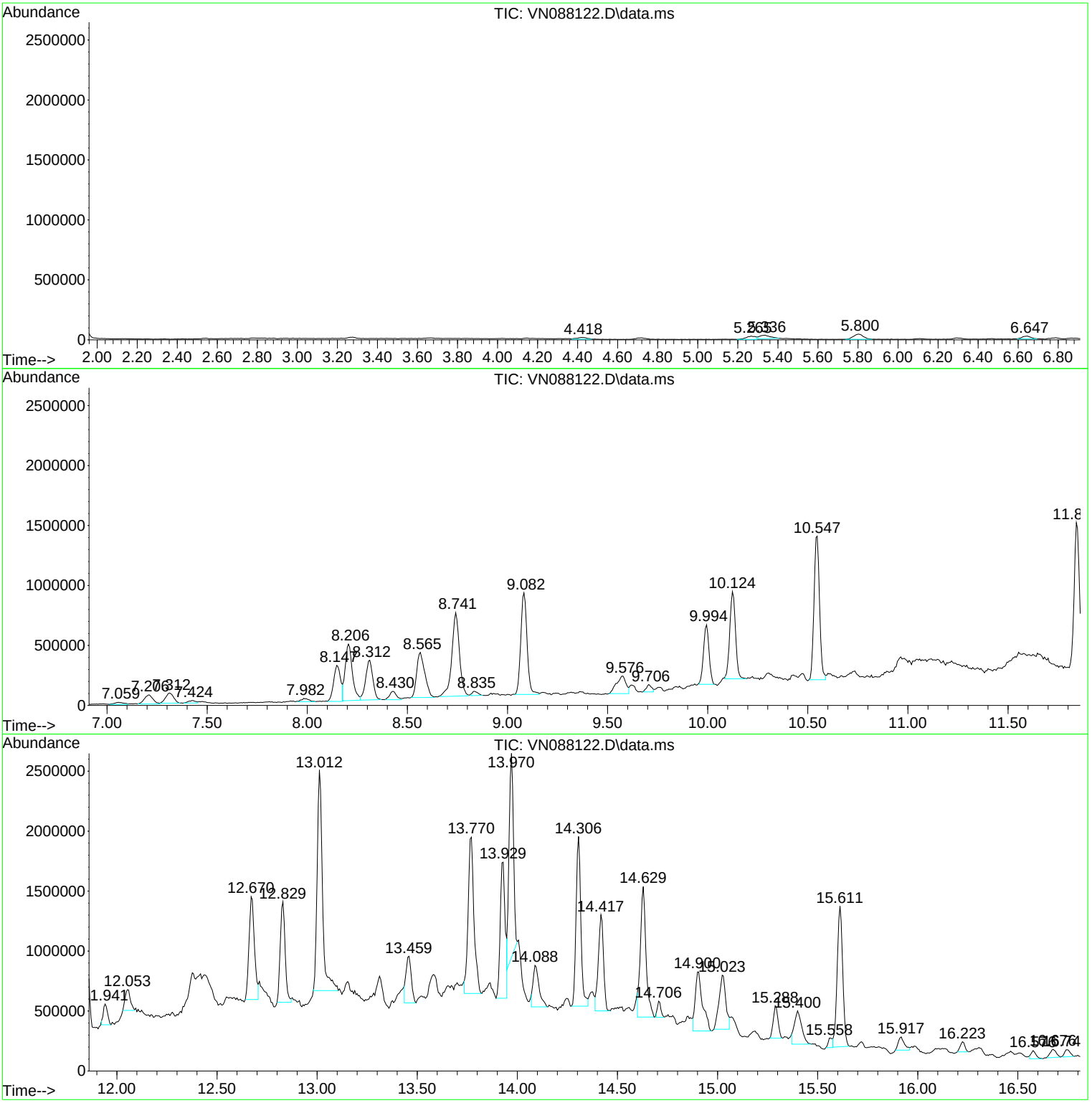
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088122.D
Acq On : 27 Oct 2025 18:00
Operator : JC\MD
Sample : Q3468-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

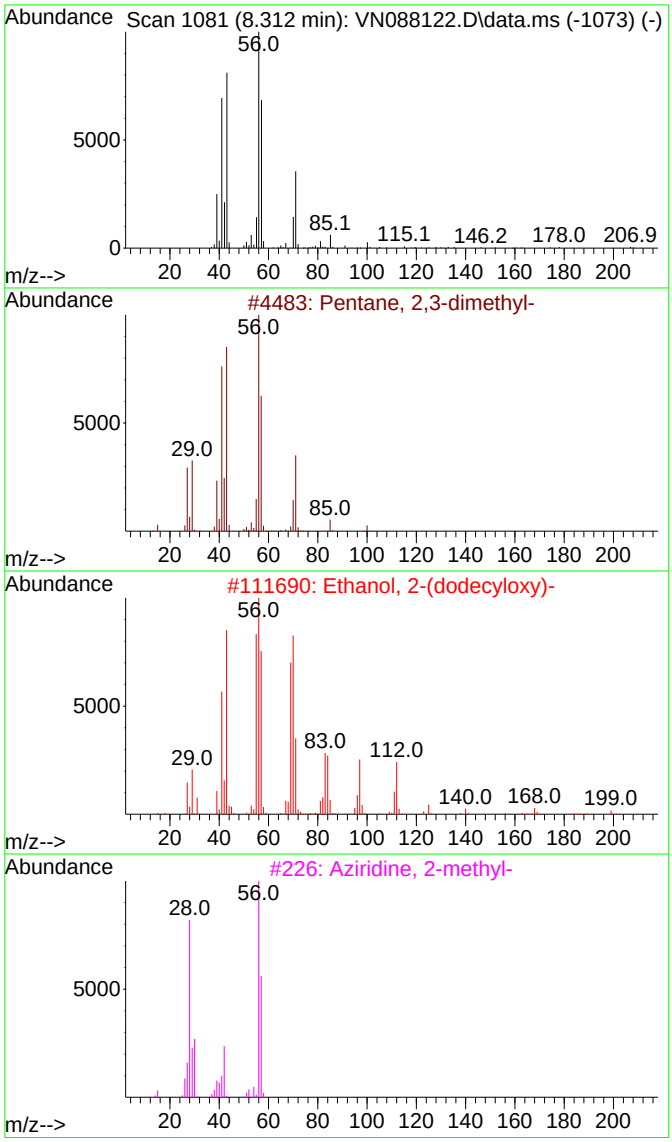
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

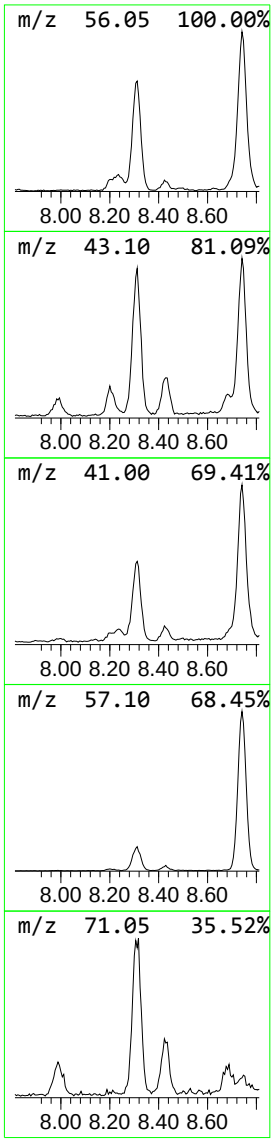
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.312	35.18 ug/l	816110	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	64
3	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	49
4	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	47
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088122.D
Acq On : 27 Oct 2025 18:00
Operator : JC\MD
Sample : Q3468-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

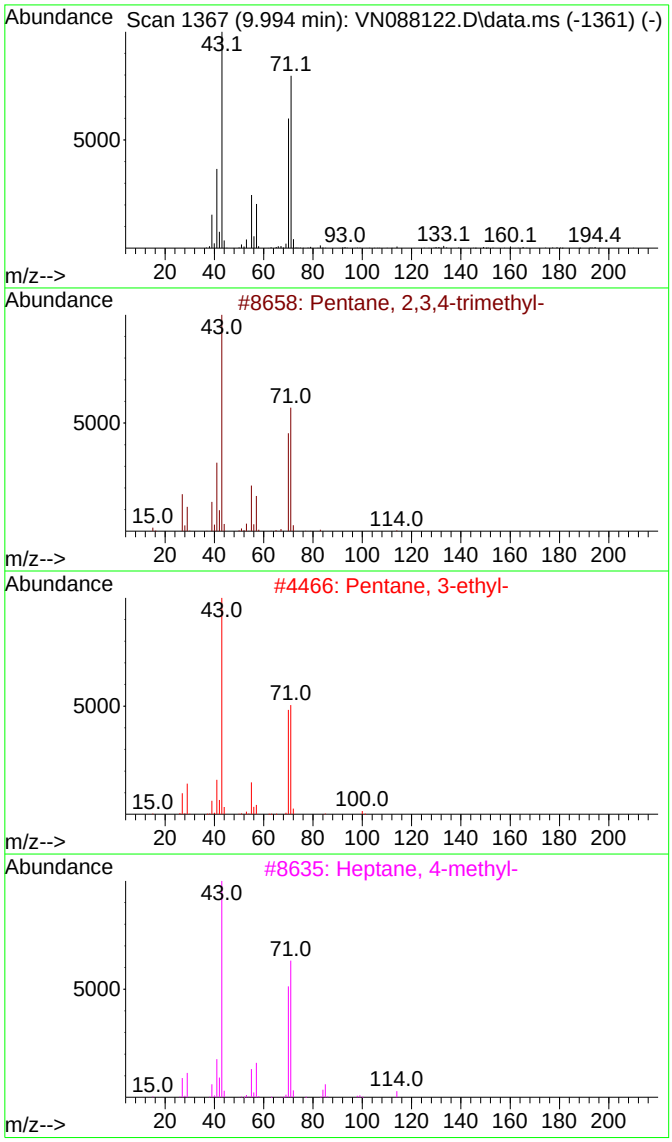
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

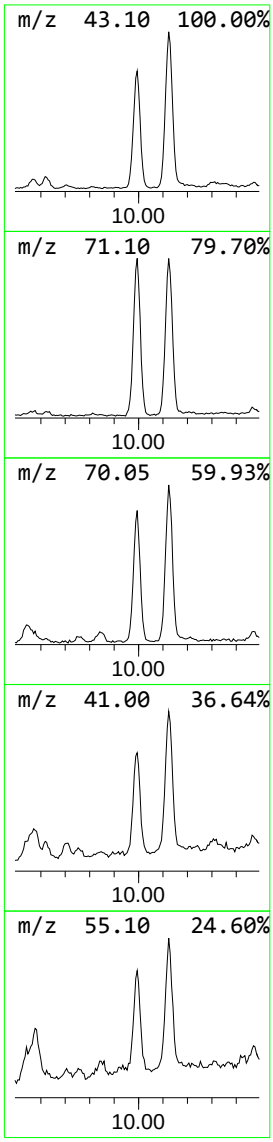
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.994	25.58 ug/l	947255	1,4-Difluorobenzene	9.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	72
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088122.D
Acq On : 27 Oct 2025 18:00
Operator : JC\MD
Sample : Q3468-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

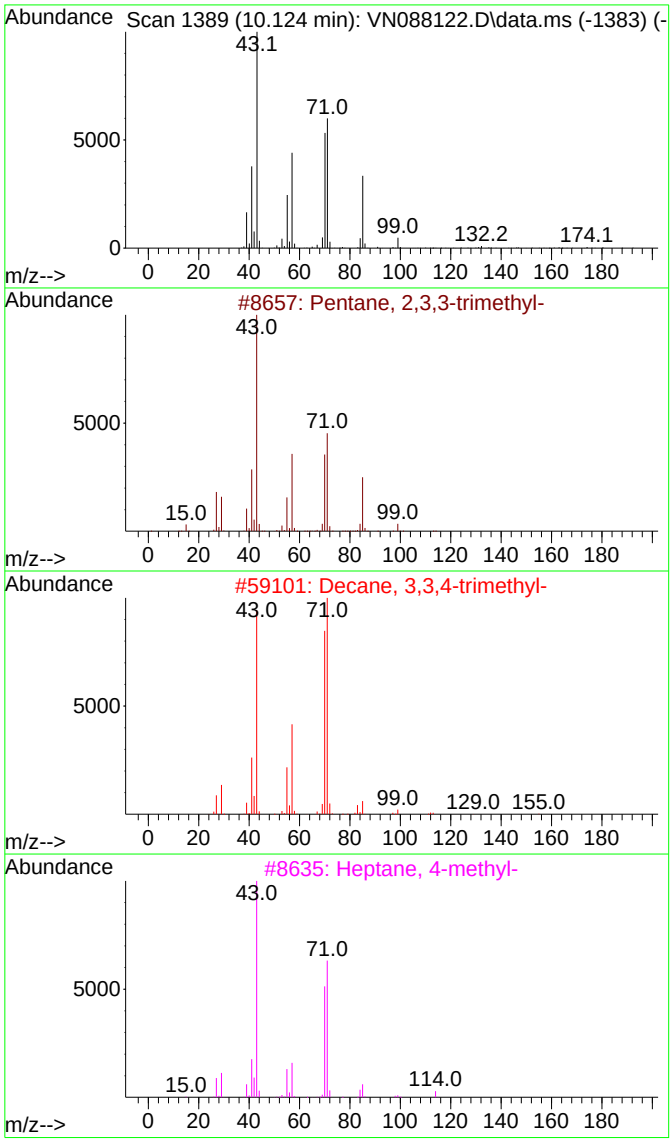
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

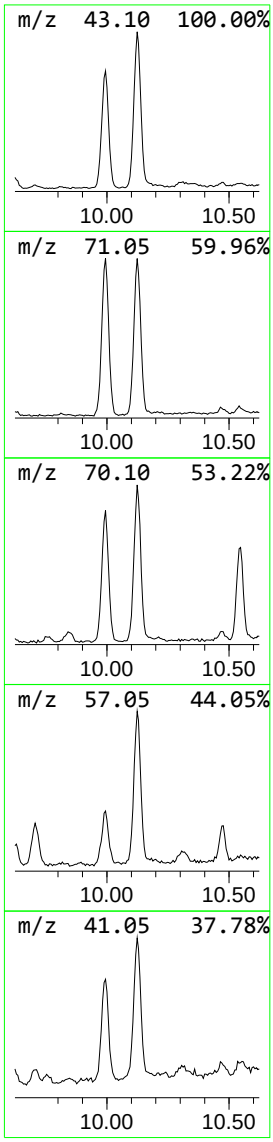
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane, 2,3,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.124	39.12 ug/l	1448580	1,4-Difluorobenzene	9.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088122.D
Acq On : 27 Oct 2025 18:00
Operator : JC\MD
Sample : Q3468-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

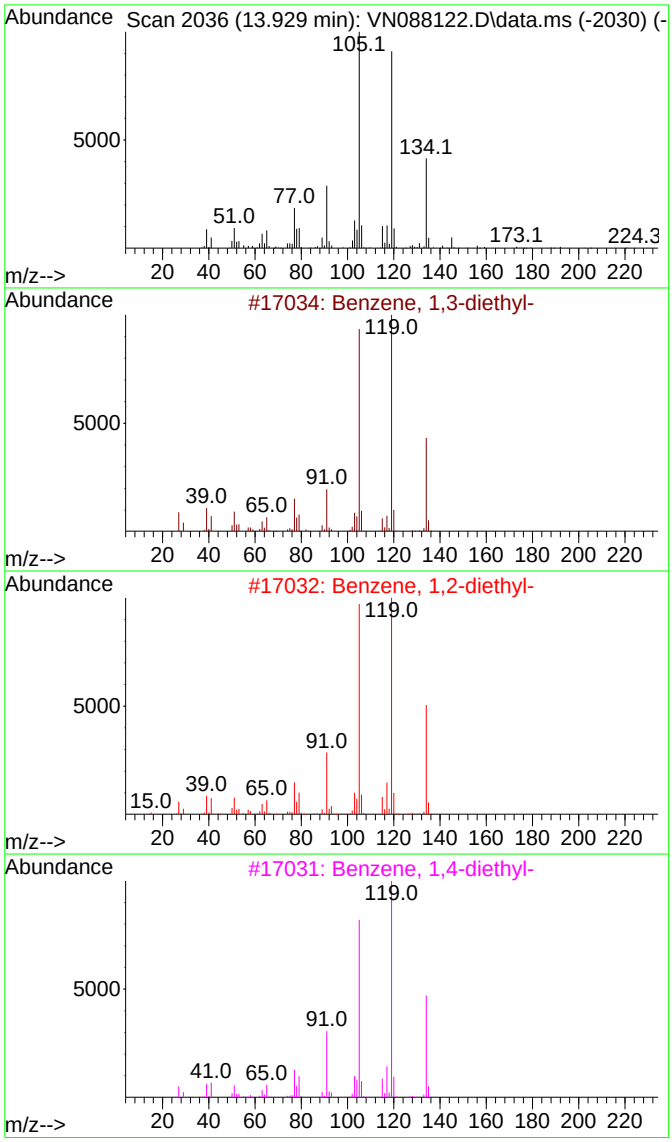
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

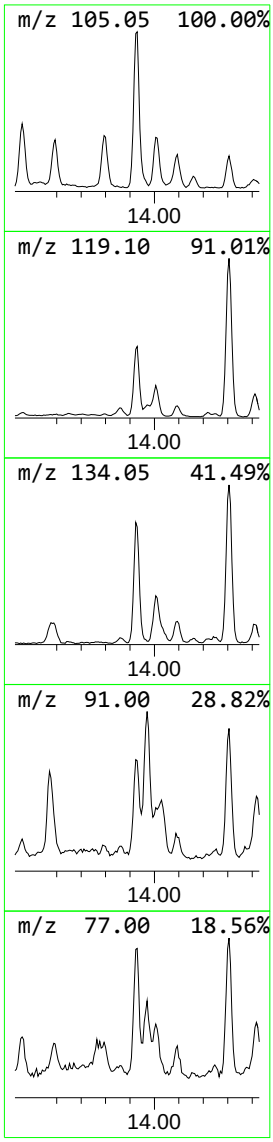
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.929	37.86 ug/l	1987700	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Data File : VN088122.D
Acq On : 27 Oct 2025 18:00
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

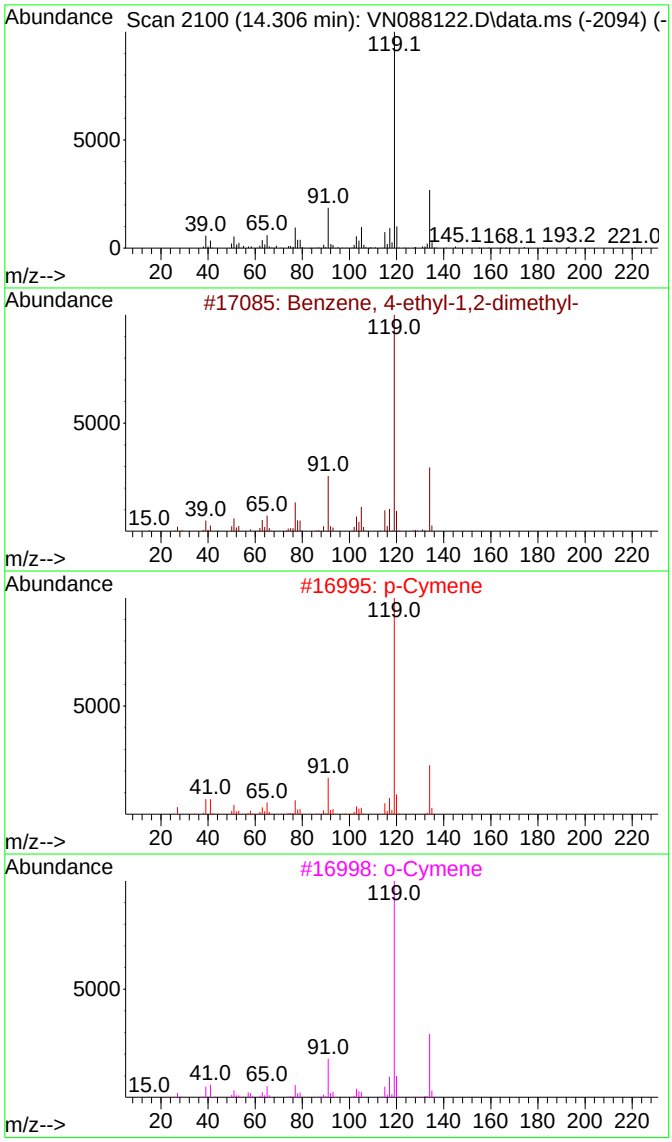
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

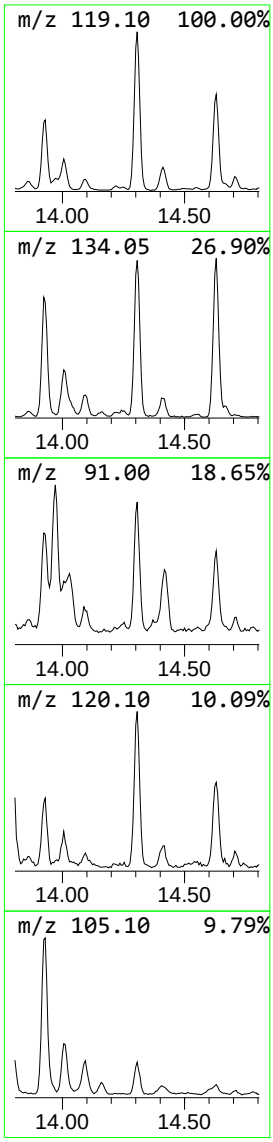
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	45.25 ug/l	2376210	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	p-Cymene	134	C10H14	000099-87-6	95
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-3,5-dimethyl-	134	C10H14	000934-74-7	94





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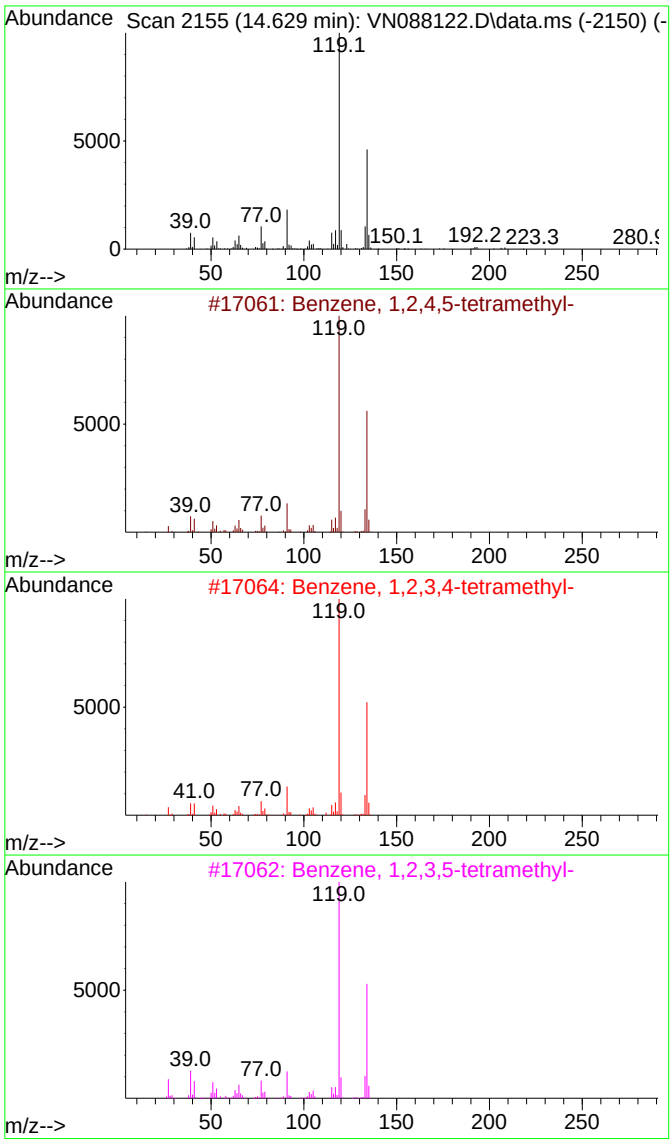
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

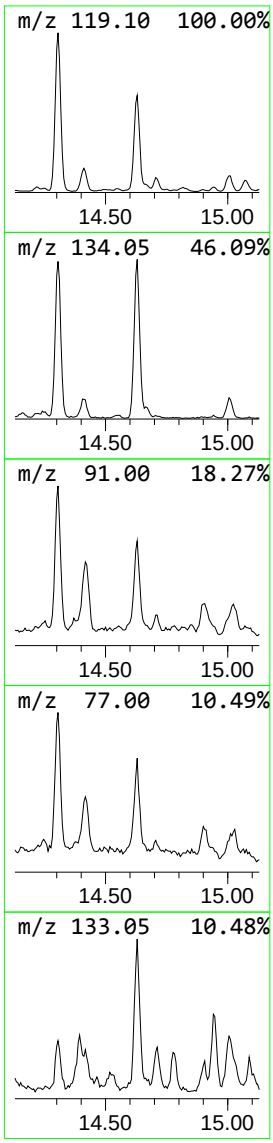
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.629	39.92 ug/l	2095840	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	o-Cymene	134	C10H14	000527-84-4	93





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ClientSampleId :
MW-06

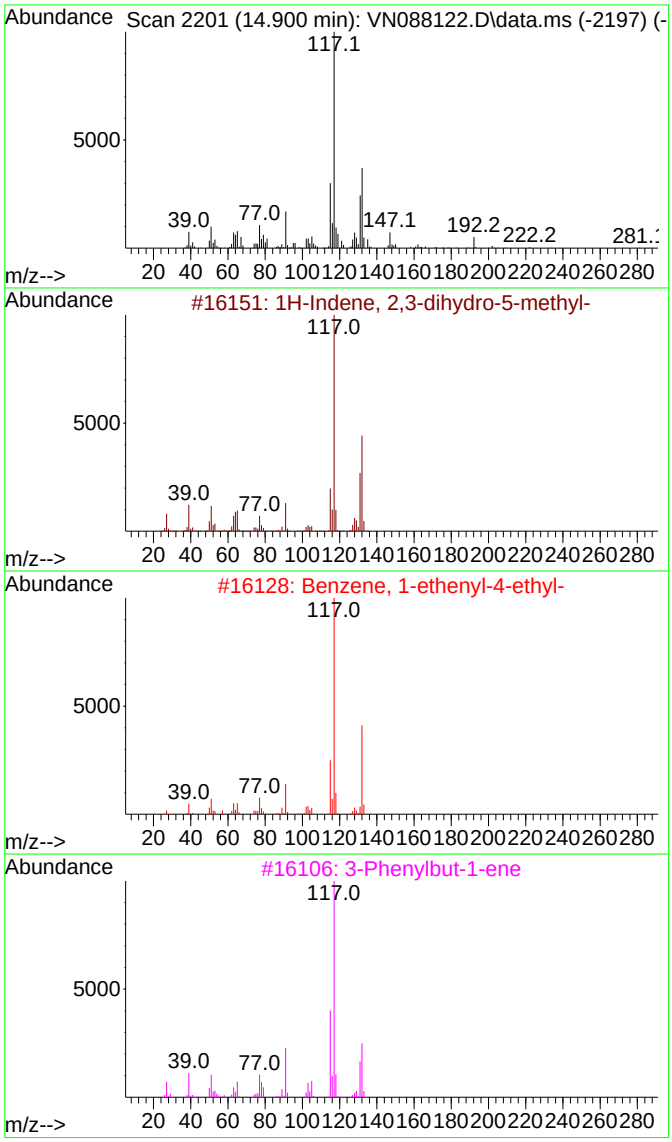
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

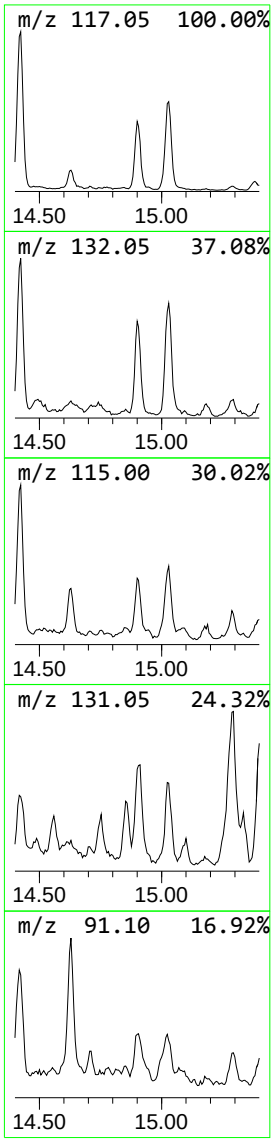
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.900	23.50 ug/l	1233990	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	93
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088122.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.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
Pentane, 2,3-di...	8.312	35.2	ug/l	816110	1	8.206	1159940	50.0
Pentane, 2,3,4-...	9.994	25.6	ug/l	947255	2	9.082	1851440	50.0
Pentane, 2,3,3-...	10.124	39.1	ug/l	1448580	2	9.082	1851440	50.0
Benzene, 1,3-di...	13.929	37.9	ug/l	1987700	4	13.770	2625370	50.0
Benzene, 4-ethy...	14.306	45.3	ug/l	2376210	4	13.770	2625370	50.0
Benzene, 1,2,4,...	14.629	39.9	ug/l	2095840	4	13.770	2625370	50.0
1H-Indene, 2,3-...	14.900	23.5	ug/l	1233990	4	13.770	2625370	50.0